

City of Kenmore



City of Kenmore - 18120 68th Avenue NE Kenmore, WA 98028 Phone: 425-398-8900
Agendas also available at www.kenmorewa.gov E-mail: cityhall@kenmorewa.gov

City Council Meeting Agenda

September 27, 2021, 7 PM

VIA ZOOM - LINK: <https://us02web.zoom.us/j/85749137835>

US: +12532158782,,85749137835# or +16699009128,,85749137835#

Or Telephone: Dial US: +1 253 215 8782

Webinar ID: 857 4913 7835

I. CALL MEETING TO ORDER

II. ROLL CALL

III. FLAG SALUTE

IV. AGENDA APPROVAL

V. PROCLAMATION

A. Domestic Violence Awareness Month

[Proclamation - Domestic Violence Awareness Month \(October\)](#)

VI. PRESENTATION

A. Introduction and Welcome - Dr. Devin Byrd, Bastyr President

B. Councilmember Rod Dembowski - King County Update

VII. PUBLIC COMMENTS

- A. We want to welcome our community members to the Council's meeting. In this forum, the Council does not engage or dialogue with the public; the primary role of the Council is to listen. All comments must be addressed to the Mayor and City Council. Please use the "raise hand" feature if you wish to speak. The Clerk will acknowledge your request and call your name when it is your turn. Your time will start when we confirm that we can hear you. Please state your name, city of residence for the record and keep your comments to the allotted time. Your time cannot be granted to another and your clock time will not be reset unless there are extenuating circumstances *and* the Presiding Officer has expressly allowed it. Screen-sharing is not allowed; you can submit materials to the Council or Clerk in advance. Please do not comment about pending development projects on which the Council will make future decisions as those are quasi-judicial matters, and Councilmembers must limit their communications about such matters. This meeting is being recorded. Thank you for taking the time to express your comments.

VIII. CONSENT AGENDA

- A. Minutes:
[City Council August 30 2021 Special Meeting Minutes](#)
- B. Approve Total Check #s 47998 through 48102 totaling \$998,998.34 and Total Payroll/Taxes/Flexible Spending/Retirement & Health Savings Account Electronic Deposits Dated 8/27/2021 in the amount totaling \$181,598.68 and ACH Payment to Thomco Construction in the amount of \$581,849.39.
[Voucher Approval Report dated 9/03/21](#)
- C. Approve Total Check #s 48103 through 48178 totaling \$652,350.13 and Total Payroll/Taxes/Flexible Spending/Retirement & Health Savings Account Electronic Deposits Dated 9/10/2021 in the amount totaling \$178,691.10 and Payroll Check #10175 dated 9/10/2021 in the amount of 968.73.
[Voucher Approval Report dated 9/17/21](#)
- D. American Rescue Plan Act (ARPA) Listening Session with the Kenmore Community, presented by Assistant City Manager/ARPA Administrator Stephanie Lucash, *for Approval*
[Agenda Bill - Contract Addendum with Chanin Kelly Rae for ARPA Listening Session](#)
[City of Kenmore Listening Session Proposal 2021](#)

IX. PUBLIC HEARING

- A. Ordinance 21-0533 which established a six-month moratorium for development within the Transit-Oriented Development (TOD) District Overlay Area
[Ordinance 21-0533 Six-Month Moratorium in the TOD Area](#)

X. BUSINESS AGENDA

- A. Ordinance 21-0535, Amending Ordinance 21-0533 which established a six-month moratorium for development within the Transit-Oriented Development (TOD) District Overlay Area, presented by Community Development Director Debbie Bent, *for Discussion and Adoption*
[Agenda Bill - Amending TOD Moratorium](#)
[Ordinance 21-0533 Six-Month Moratorium in the TOD Area](#)
[Attachment 1 Ordinance 21-0535 Amending TOD Moratorium](#)
- B. Legislative Redistricting Update, presented by Shelly Helder from Gordon Thomas Honeywell, *for Discussion*
[Kenmore Redistricting Memo](#)
[Redistricting Presentation](#)

- C. 2021 Road Standards Adoption, Ordinance 21-0531, presented by City Engineer John Vicente, *for Adoption*
[Agenda Bill - 2021 Road Standards A](#)
[Exhibit A - Road Standards Ordinance Final](#)
[Exhibit B - KMC 12.50 Revisions](#)
[EXHIBIT C - Road Standard Changes](#)
[2021 Road Standards Draft 20210927](#)
- D. Renter Eviction Moratorium, presented by Community Development Director Debbie Bent, *for Discussion and Action*
[Agenda Bill - Extending Eviction Moratorium](#)
[Ordinance 21-0536 Extending Eviction Moratorium to Dec 31 2021 \(Sept 21\)](#)
[20-03.7 Proclamation Residential Eviction Moratorium Extending to Dec 31 2021 \(rev Sept 20\) - signed](#)

XI. STAFF REPORT

XII. COUNCILMEMBER REPORTS & COMMENTS

XIII. ADJOURNMENT

UPCOMING MEETINGS:

- A. October 11, 2021 Regular Meeting
October 18, 2021 Study Session
October 25, 2021 Regular Meeting

City of Kenmore, Washington

Domestic Violence Awareness Month

October 2021

PROCLAMATION

WHEREAS, domestic violence is widespread and has a devastating impact on survivors, children, families, and our community; and

WHEREAS, domestic violence crosses all economic, racial, gender, educational, religious, and societal barriers, and is sustained by indifference; and

WHEREAS, approximately 1 in 8 Washington adults reported experiencing domestic violence in their lifetime; and

WHEREAS, intimate partner violence remains one of the most prevalent, yet underreported crimes in the country; and

WHEREAS, ending the cycle of this vicious crime requires the courage of survivors and the support of the larger community; and

WHEREAS, our efforts must extend beyond the criminal justice system to include housing and economic advocacy for survivors, working with young people to stop violence before it starts, and reaching out to friends and loved ones who have suffered from domestic violence; and

WHEREAS, I, David Baker, Mayor of the City of Kenmore, on behalf of the City Council, do hereby proclaim October 2021 as Domestic Violence Awareness Month in the City of Kenmore. In solidarity, we encourage residents to display purple lights to bring domestic violence awareness,

NOW, THEREFORE, let us honor survivors by promoting peace in our own families, homes, and communities. Let us renew our commitment to end domestic violence and its brutal and destructive effects so that domestic violence has no future in Kenmore or beyond.

IN WITNESS WHEREOF, signed this 27th day of September 2021



Signed: _____

Mayor David Baker

Attested: _____

City Clerk Anastasiya Warhol

**City of Kenmore
City Council Meeting
Special Meeting Minutes
August 30, 2021**

These minutes are created to capture Council action. This is not a verbatim transcript. Meeting video and audio is available on the City YouTube channel.

CALL MEETING TO ORDER:

Mayor Baker called the virtual meeting to order at 7:00 p.m.

PRESENT:

Councilmembers: Mayor David Baker
Deputy Mayor Nigel Herbig
Councilmember Joe Marshall
Councilmember Debra Srebnik
Councilmember Corina Pfeil
Councilmember Angela Kugler
Councilmember Melanie O'Cain

Staff:

Assistant City Manager Nancy Ousley
ACM/ARPA Administrator Stephanie Lucash
City Clerk Anastasiya Warhol
City Attorney Dawn Reitan
Finance & Administration Director Leticia Salcido
Human Resources Manager Leonora Palaña

Speaking Guests: Deanna Gregory, Bond Counsel Pacifica Law Group
Patrick O'Brien, Kenmore Resident
Stacy Valenzuela, Kenmore Resident
Elizabeth Mooney, Kenmore Resident

AGENDA APPROVAL

The agenda was approved as written.

CONSENT AGENDA

- A. Approve Total Check #s 47803 through 47902 totaling \$256,033.99 and Total Payroll/Taxes/Flexible Spending/Retirement & Health Savings Account Electronic Deposits Dated 7/30/2021 in the amount totaling \$188,886.77.
[Voucher Certification and Approval Report Dated 8/06/2021](#)

MOTION: Councilmember Pfeil moved to approve the consent agenda as presented, including the items listed above. Councilmember O’Cain seconded the motion.

VOTE: Motion PASSED by unanimous consent.

PUBLIC HEARING

- A. ***Ordinance 21-0532 – Acquisition of Real Property and Execution of a Local Agency Financing Lease, presented by the Finance and Administration Director Leticia Salcido and Bond Counsel Deanna Gregory***
[Agenda Bill and Attachments - Washington Local Program Financing](#)

Finance and Administration Director Leticia Salcido provided a brief overview of the ordinance. Deanna Gregory, Bond Counsel for the City, was also present. Mayor David Baker opened the public hearing at approximately 7:16 p.m.; timestamped here:

<https://youtu.be/pmMjRkhgDp8?t=986>

The following individuals made comments:

- Patrick O’Brien, Kenmore Resident
- Stacey Valenzuela, Kenmore Resident
- Elizabeth Mooney, Kenmore Resident

BUSINESS AGENDA

- A. ***Ordinance 21-0532 – Acquisition of Real Property and Execution of a Local Agency Financing Lease, presented by the Finance and Administration Director Leticia Salcido and Bond Counsel Deanna Gregory, for Discussion and Adoption***
[Agenda Bill and Attachments - Washington Local Program Financing](#)

The Council discussed the nuances relating to the Ordinance at hand. Finance & Administration Director Leticia Salcido and Bond Counsel Deanna Gregory answered questions.

MOTION: Councilmember Pfeil moved to adopt Ordinance No. 21-0532, an Ordinance of the City of Kenmore, Washington, authorizing the acquisition of real property, the City’s participation in the State of Washington Local Program to finance such property, and the execution of a Local Agency Site Lease, a Local Agency Financing Lease, and related documentation relating to the acquisition of such property, and other matters related thereto. Deputy Mayor Herbig seconded the motion.

VOTE: 7 Yes, 0 No, 0 Abstain. MOTION CARRIED.

- B. ***Amendment and Reinstatement of the Pandemic and Public Health Emergency Response and Recovery Proclamation 20-02.6, presented by Human Resources Manager Leonora Palaña, for Discussion and Action***
[Agenda Bill - Amending Pandemic and Public Health Emergency Response and Recovery Proclamation](#)

Human Resources Manager Leonora Palana Palaña explained that the Proclamation 20-02.6 would effectively extend Families First Coronavirus Response Act benefits to City Employees through December 31, 2021.

MOTION: Councilmember Pfeil reinstate Proclamation 20-02.5, Pandemic and Public Health Emergency Response and Recovery. Councilmember O’Cain seconded the motion.

AMENDMENT: The motion was amended as follows: Motion to reinstate Pandemic and Public Health Emergency Response and Recovery Proclamation **20-02.6**.
Amendment **PASSED by** Unanimous Consent.

VOTE ON AMENDED MOTION: 7 Yes, 0 No, 0 Abstain. MOTION CARRIED.

ADJOURNMENT

Mayor Baker adjourned the meeting at approximately 7:55 p.m.

David Baker, Mayor

ATTEST:

Anastasiya Warhol, City Clerk



Voucher Certification and Approval

City of Kenmore

DATE RANGE:

08/21/2021 - 09/03/2021

I, the undersigned, do hereby certify under penalty of perjury that the materials have been furnished, the services rendered or the labor performed as described herein, that any advance payment is due and payable pursuant to a contract or is available as an option for full or partial fulfillment of a contractual obligation, and the the claim is a just, due and unpaid obligation against the City of Kenmore and that I am authorized to authenticate and certify to said claim. The following checks and electronic payments are approved for payment:

Total Check #s 47998 through 48102: \$998,988.34

Total Payroll/Taxes/Flexible Spending/Retirement & Health Savings Acct Electronic Deposits Dated: 08/27/2021: \$181,598.68

ACH Payment to: Thomco Construction: \$ 581,849.39

Rob Karlinsey

Rob Karlinsey (Sep 13, 2021 08:52 PDT)

Sep 13, 2021

City Manager / Date

Leticia Salcido

Leticia Salcido (Sep 13, 2021 08:44 PDT)

Sep 13, 2021

Finance Director / Date

Vendor Name	Check #	Date	Description	Amount
THOMCO CONSTRUCTION, INC.	1005	09/03/2021	20-C2144 July Juanita Dr. Ped/Bike Const.	581,849.39
AFLAC	47998	08/27/2021	Employee Medical/Disability Plans	216.19
AWC EMPLOYEE BENEFIT TRUST	47999	08/27/2021	Employee Health Insurance	72,653.12
AWC EMPLOYEE BENEFIT TRUST	48000	08/27/2021	Void	-
AWC EMPLOYEE BENEFIT TRUST	48001	08/27/2021	Void	-
CITY OF KENMORE	48002	08/27/2021	Wages Overpayment Reimbursement	50.00
DEPARTMENT OF LABOR AND INDUSTRIES	48003	08/27/2021	City of Kenmore	4,367.29
DEPARTMENT OF LABOR AND INDUSTRIES	48004	08/27/2021	Void	-
EMPLOYMENT SECURITY DEPARTMENT	48005	08/27/2021	Paid Family & Medical Leave	1,463.84
EMPLOYMENT SECURITY DEPARTMENT	48006	08/27/2021	Void	-
ICMA RETIREMENT C/O ALLFIRST BANK	48007	08/27/2021	City of Kenmore 401a	19,980.58
ICMA RETIREMENT TRUST 457 / 304745	48008	08/27/2021	ICMA 457 Deferred Compensation	7,597.32
LINCOLN NATIONAL LIFE INSURANCE	48009	08/27/2021	Life Ins/ADD & LTD	1,650.20
NATIONAL LIFE OF VERMONT	48010	08/27/2021	Life Insurance	123.17
STATE OF FLORIDA DISBURSEMENT UNIT	48011	08/27/2021	Employee Deduction	275.00
UNITED WAY OF KING COUNTY	48012	08/27/2021	Employee Charitable Contribution	98.46
ABS VALUATION	48013	09/03/2021	Moore Property Appraisal	4,400.00
ABS VALUATION	48014	09/03/2021	Elizabeth Court Property Appraisal	3,600.00
AM TEST, INC	48015	09/03/2021	Loa Boom Park Water Sample Testing	25.00
APPLEONE EMPLOYMENT SERVICES	48016	09/03/2021	8/21 Temporary Reception Desk Svcs.	244.35
APPLEONE EMPLOYMENT SERVICES	48017	09/03/2021	8/14 Temporary Reception Desk Svcs.	244.35

ARCHIVESOCIAL, INC.	48018	09/03/2021 Archiving Subscription Renewal 9/25/21-9/25/22	2,689.20
AURORA RENTS	48019	09/03/2021 Saw/Blade/Vacuum Rental for 61st Proj.	191.39
AURORA RENTS	48020	09/03/2021 Chipping Air Hammer Rental for 61st Proj.	507.15
AURORA RENTS	48021	09/03/2021 Chipping Air Hammer Rental for 61st Proj.	338.69
AURORA RENTS	48022	09/03/2021 Excavator/Trailer Rental for 61st Proj.	3,945.95
BOTHELL KENMORE CHAMBER OF COMM.	48023	09/03/2021 Aug. KBA Monthly Support	300.00
BRIEN, GAYLYNN	48024	09/03/2021 June Sales Tax Data Conversion Svcs	50.00
CALPORTLAND COMPANY	48025	09/03/2021 Gravel for 61st Ave. Drainage Proj.	1,050.78
CALPORTLAND COMPANY	48026	09/03/2021 4 x 8 Quarrry Spalls for 61st Drainage Proj.	98.14
CANON FINANCIAL SERVICES, INC.	48027	09/03/2021 Aug. 2nd Floor Copier Lease	266.08
CASCADIA CONSULTING GROUP, INC.	48028	09/03/2021 21-C2679 6/26-7/25 Climate Action Plan Svcs	5,540.00
CASCADIA LAW GROUP	48029	09/03/2021 20-C2229 PSCAA Cadman Svcs thru 7/31	15,390.00
CENTRICITY GIS, LLC	48030	09/03/2021 21-C2714 5/1-6/30 Cityworks Svcs	1,500.00
CHANIN KELLY-RAE CONSULTING LLC	48031	09/03/2021 July DEI Consulting Svcs.	10,105.00
CITY OF BELLEVUE	48032	09/03/2021 Human Svcs Pooled Program	15,450.00
CITY OF BELLEVUE	48033	09/03/2021 Otr 4 ARCH Contributions	11,230.25
CITY OF BELLEVUE	48034	09/03/2021 O2 2021 My Building Permit Subscription	3,640.17
COMCAST	48035	09/03/2021 Aug. City Hall & Hangar Internet	2,133.88
ELECTRONIC BUSINESS MACHINES	48036	09/03/2021 Aug. 2nd Floor Copier Rental	186.18
EVERMARK, LLC	48037	09/03/2021 Employee Logo Wear Order	817.41
FERGUSON ENTERPRISES INC #3011	48038	09/03/2021 Materials for 61st Ave Drainage Proj.	10.25
FOSTER GARVEY PC	48039	09/03/2021 July General Condemnation Atty Svcs	6,380.00
FOSTER GARVEY PC	48040	09/03/2021 Ben Holt Ind. Property Acquisition Atty Svcs	55.00
FOSTER GARVEY PC	48041	09/03/2021 Moore Condemnation Atty Svcs	1,885.00
FOSTER GARVEY PC	48042	09/03/2021 Elizabeth Court Condemnation Atty. Svcs	1,475.00
FURNITURE PROS	48043	09/03/2021 City Hall & Hangar Custom Upholsterv	1,596.46
GENCAP CONSTRUCTION CORP	48044	09/03/2021 19-C2112 July Boathouse Construction	51,672.44
H.D. FOWLER COMPANY	48045	09/03/2021 PVC Elbows for 61st Drainage Proj.	158.83
H.D. FOWLER COMPANY	48046	09/03/2021 Wood Stakes for 61st Drainage Proj.	37.98
H.D. FOWLER COMPANY	48047	09/03/2021 Jute Mattina/Staples/Coupling for 61st Proj.	357.40
HDR ENGINEERING, INC	48048	09/03/2021 16-C1625 6/27-7/31 Juanita Ped/Bike Proj	137,358.88
HONEY BUCKET	48049	09/03/2021 Special Event Rentals 8/12 & 8/18	2,178.00
INTERSECTION MEDIA, LLC	48050	09/03/2021 Puget Sound Starts Here Outreach Ads	979.15
JENNIFER DIXON	48051	09/03/2021 20-C2159 Jan. - Mar. 3 Cedars Artwork	5,000.00
KBA INC.	48052	09/03/2021 18-C1846 July W. Samm. Bridge Const. Maint.	100,276.87
KING COUNTY ANIMAL SVCS	48053	09/03/2021 Pet License Renewals	170.00

VIII. B. Approve Total Check #s 47998 through 48102 totaling \$998,998.34...

KING COUNTY FINANCE	48054	09/03/2021 Otr 2 Liquor Profits/Excise Tax for KC Mental Hlth	1,705.25
KING COUNTY FINANCE	48055	09/03/2021 Aug. Public Defense Indigency Screening	81.00
KING COUNTY SHERIFF	48056	09/03/2021 July 12th Radar Emphasis Police Overtime	175.12
KPFF CONSULTING ENGINEERS	48057	09/03/2021 19-C2098 July Consulting Svcs	132,617.07
MOTT MACDONALD GROUP, INC.	48058	09/03/2021 17-C1657 July Squire's Landing Design/Permitting	8,023.76
MOTT MACDONALD GROUP, INC.	48059	09/03/2021 17-C1656 July Log Boom Waterfront Proj.	5,608.69
NATIONAL BARRICADE CO., LLC	48060	09/03/2021 Traffic Control Materials for Stock	2,062.23
NORTHSHORE FIRE DEPT	48061	09/03/2021 Annual City Hall Fire Permit	200.00
OFFICE DEPOT	48062	09/03/2021 Misc. Office Supplies	22.79
O'REILLY/FIRST CALL	48063	09/03/2021 Brake Light for Veh. #304	6.83
OSBORN CONSULTING INC.	48064	09/03/2021 June NE 190th Culvert Ph. 2 On-Call Svcs	42,124.53
OSBORN CONSULTING INC.	48065	09/03/2021 June Kenmore Boathouse Const. Support	7,164.27
OSBORN CONSULTING INC.	48066	09/03/2021 July Surface Water On-Call Svcs	11,090.36
PACIFIC OFFICE AUTOMATION	48067	09/03/2021 8/15-9/15 Monthly Maint. 1st Fl. Facial Scanners	92.04
PUGET SOUND ENERGY	48068	09/03/2021 7/14-8/12 Parks/Streets Electricity Chgs.	1,744.69
RED BARN ENGINEERING, INC.	48069	09/03/2021 21-C2666 8/1-8/27 On-Call Engineering Svcs	7,722.50
RICH MARKETING LLC	48070	09/03/2021 Puget Sound Starts Here Digital Advertising	500.00
ROAD CONSTRUCTION NW, INC.	48071	09/03/2021 21-C2669 7/26-8/20 Log Boom Park Waterfront Proj	221,176.59
SHERWIN WILLIAMS CO. #8099	48072	09/03/2021 Marking Paint for Drive-In Movie	48.94
SMS CLEANING, INC.	48073	09/03/2021 Monthly City Hall/Hangar/PW Janitorial Svcs	6,495.00
STANDARD & POORS FINANCIAL SERVICES	48074	09/03/2021 W & W Bond Analytical Services	16,750.00
STAPLES ADVANTAGE	48075	09/03/2021 Parks Maintenance Supplies	141.54
STAPLES ADVANTAGE	48076	09/03/2021 City Hall & Hangar Bldg. Maint. Supplies	85.37
STAPLES ADVANTAGE	48077	09/03/2021 City Hall & Hangar Bldg. Maint. Supplies	272.70
STAPLES ADVANTAGE	48078	09/03/2021 Parks Maint. Supplies	176.22
TOTAL LANDSCAPE CORP	48079	09/03/2021 NS Summit/Squires/Moorlands Monthly Maint.	4,514.10
TOTAL LANDSCAPE CORP	48080	09/03/2021 City Hall & Parks Monthly Maint.	5,030.02
U.S. BANK PURCHASE CARDS	48081	09/03/2021 Amazon/JRW Enterprises/Handy Andy RentaTool	3,315.69
U.S. BANK PURCHASE CARDS	48082	09/03/2021 Backyard & Pool Hangar Water Feature Supplies	300.12
U.S. BANK PURCHASE CARDS	48083	09/03/2021 Amazon/The Vet Chef/The Guest House/Pandora	773.58
U.S. BANK PURCHASE CARDS	48084	09/03/2021 COSTCO/Les Schwab/DKG Media/Allen Display	1,371.83
U.S. BANK PURCHASE CARDS	48085	09/03/2021 Void	-
U.S. BANK PURCHASE CARDS	48086	09/03/2021 Zoom/Commandlink	5,133.58
U.S. BANK PURCHASE CARDS	48087	09/03/2021 DKG Media/DCEWWW.Coverstore.com	608.99
U.S. BANK PURCHASE CARDS	48088	09/03/2021 Zoom/ICMA/AWC/Best Practices/JurassicParliam.	800.00
U.S. BANK PURCHASE CARDS	48089	09/03/2021 Glacier Water/USPS/Dollar Tree/Safeway	40.66
U.S. BANK PURCHASE CARDS	48090	09/03/2021 Userway/Facebook	140.29

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U.S. BANK PURCHASE CARDS	48091	09/03/2021 APWA/Amazon	348.33
U.S. BANK PURCHASE CARDS	48092	09/03/2021 Shutterstock/VCITA/Wix.com/Corpore Sano LLC	127.38
U.S. BANK PURCHASE CARDS	48093	09/03/2021 Facebook	49.05
U.S. BANK PURCHASE CARDS	48094	09/03/2021 Safeway/Amazon	84.19
U.S. BANK PURCHASE CARDS	48095	09/03/2021 Fedex/Chicago Books & Journals	1,101.50
UPS STORE KENMORE	48096	09/03/2021 Event Brochures/Copies - Shipping/Postage	440.56
UPS STORE KENMORE	48096	09/03/2021 Event Brochures/Copies - Shipping/Postage	23.96
WA STATE DEPT OF TRANSPORTATION	48097	09/03/2021 July W. Sammamish Bridge Inspection Fees	261.01
WA STATE DEPT OF TRANSPORTATION	48098	09/03/2021 June W. Sammamish Bridge Inspection Fees	5,310.66
WESTLAKE HARDWARE WA-153	48099	09/03/2021 7/21-8/20 PW Supplies & Equipment	186.49
WILLIAMS, KASTNER & GIBBS PLLC	48100	09/03/2021 July Ridout Matter Special Counsel	750.00
ZIPLY FIBER	48101	09/03/2021 8/19-9/18 Public Works Internet	153.00
SOFTWAREONE, INC.	48102	09/03/2021 Microsoft Multifactor Authentication License	25.46
DRS 457	DFT0001081-82	08/27/2021 DRS 457 Deferred Comp	1,100.99
AVIDIA HEALTH	DFT0001083	08/27/2021 Employee Health Savings Contribution	100.00
DEPARTMENT OF RETIREMENT SYSTEMS	DFT0001084-89	08/27/2021 Public Employees Retirement	29,056.92
NAVIA	DFT0001090	08/27/2021 Employee Flexible Spending Account	516.54
BANK OF AMERICA 941	DFT0001091	08/27/2021 Federal Taxes	23,294.07
PAYROLL	Electronic Dep.	08/27/2021 Direct Deposit	127,530.16
TOTAL			<u><u>\$ 1,762,436.41</u></u>

VIII. B. Approve Total Check #s 47998 through 48102 totaling \$998,998.34...



City of Kenmore

Vendor Purchasing Report

For Date Range 01/01/2021 - 09/03/2021

Vendor Set: Vendor Set 01

Vendor	Name	Volume
0014	AMERICAN PLANNING ASSOCIATION	1232
0022	ASSOCIATION OF WA CITIES	3200
0024	BAKER, DAVID	745
0037	BASTYR UNIVERSITY	50000
0054	BULGER SAFE & LOCK, INC.	94.35
0064	CASCADE PEST CONTROL	1167.68
0067	CENTER FOR HUMAN SERVICES	14550
0076	CITY OF BELLEVUE	73316.09
0081	CITY OF KENMORE	700
0083	CITY OF LAKE FOREST PARK	49950
0092	CODE PUBLISHING COMPANY	4445.86
0099	CONSOLIDATED PRESS	13589.43
0106	CROWN PRODUCTS LLC	514.2
0109	DAILY JOURNAL OF COMMERCE	2244.75
0111	DEPARTMENT OF ECOLOGY	10561
0121	REPUBLIC SERVICES	7068.34
0130	EMPLOYMENT SECURITY DEPARTMENT	11604.18
0137	FERGUSON ENTERPRISES INC #3011	2015.02
0145	FRUHLING SAND & TOPSOIL	1502.54
0151	CALPORTLAND COMPANY	3428.43
0169	HERRERA ENVIRONMENTAL CONSULTANTS	11235.89
0173	HOME DEPOT CREDIT SERVICES	3309.97
0184	INSLEE, BEST, DOEZIE & RYDER, P.S.	178002.9
0189	INTERNATIONAL CITY/CNTY MGMT ASSOC	2765.48
0191	INTERNATIONAL INST OF MUNI CLERKS	210
0197	JET CITY PRINTING	1192.04
0205	KENMORE HERITAGE SOCIETY	100
0206	KENMORE MIDDLE SCHOOL	8050
0212	KING COUNTY FINANCE W.L.R.D.	3765.86
0213	KING COUNTY ANIMAL SVCS	170
0217	KING COUNTY DISTRICT COURT	32134
0218	KING COUNTY FINANCE	5069.98
0219	KING COUNTY FINANCE	65548.11
0230	KING COUNTY RADIO COMM SERVICES	601.14
0233	KING COUNTY SHERIFF	2054287.75
0235	KING COUNTY TREASURY	41217.28
0251	LIGHTHOUSE CONSULTING INC	93023.24
0261	PENDLETON CONSULTING LLC	3200
0267	MR. T'S TROPHIES & AWARDS LLC	105.84
0285	NORTHSHORE FIRE DEPT	2160
0286	NORTHSHORE SCHOOL DISTRICT	326773
0287	NORTHSHORE SENIOR CENTER	27400
0288	NORTHSHORE UTILITY DIST	105905.72
0292	HONEY BUCKET	5199.42
0299	EBIX, INC.	118.38
0300	OFFICE DEPOT	2712.41
0304	OLYMPIC ENVIRONMENTAL RESOURCES INC	17099.07
0310	PACIFIC TOPSOILS	5616.83
0327	PUGET SOUND CLEAN AIR AGENCY	19396
0328	PUGET SOUND ENERGY	190927.08
0345	SEATTLE TIMES	3511.38
0346	SECRETARY OF STATE	20

Vendor Purchasing Report

For Date Range 01/01/2021 - 09/03/2021

Vendor Set: Vendor Set 01

Vendor	Name	Volume
0355	STAPLES ADVANTAGE	9368.47
0356	STATE AUDITOR'S OFFICE	18680.9
0357	STEWART MACNICHOLS HARMELL, INC.	40000
0359	SOUND CITIES ASSOC	15539.29
0365	TOTAL LANDSCAPE CORP	67324.77
0371	UNITED STATES POSTMASTER	5486.58
0375	US POSTAL SERVICE (HASLER)	3688.02
0385	WA ASSOC OF BUILDING OFFICIALS	2000
0386	WA ASSOC OF CODE ENFORCEMENT	20
0387	WA CITIES INSURANCE AUTHORITY	382432
0389	WASHINGTON CITY/COUNTY MGMT ASSOC	325
0390	WA FINANCE OFFICERS ASSOCIATION	75
0400	WASHINGTON STATE DEPT OF REVENUE	801.79
0401	WA STATE DEPT OF TRANSPORTATION	13495.81
0405	WASHINGTON STATE OFFICE CASH MGMT	1150
0412	WM CORPORATE SVCS - COLUMBIA RIDGE LANDFILL	16271.25
0424	ICMA RETIREMENT TRUST 457 / 304745	134680.71
0425	DRS 457	18465.58
0426	AFLAC	1729.52
0428	BANK OF AMERICA 941	349381.23
0429	AWC EMPLOYEE BENEFIT TRUST	566295.46
0431	DEPARTMENT OF RETIREMENT SYSTEMS	552176.21
0432	DEPARTMENT OF LABOR AND INDUSTRIES	32443.53
0434	UNITED WAY OF KING COUNTY	986.91
0436	NATIONAL LIFE OF VERMONT	985.36
0441	DANSOUND INC	1761.6
0448	UPS STORE KENMORE	1029.77
0450	AURORA RENTS	15988.19
0484	CITY WIDE FENCE COMPANY, INC	825.75
0497	DAY WIRELESS SYSTEMS	153.72
0542	AMERICAN SOCIETY OF COMPOSERS	367
0558	SNOHOMISH COUNTY	3341
0586	QUADIENT LEASING USA, INC.	1420.28
0588	ENVIRONMENTAL SYSTEMS RESEARCH INST	6017.79
0610	WA STATE DEPT OF TRANSPORTATION	33037.44
0617	KING COUNTY FINANCE	13868.15
0685	PACE ENGINEERS, INC.	10081.5
0689	DIGITAL REPROGRAPHICS SERVICES INC.	984.5
0690	BUILDERS EXCHANGE OF WASHINGTON INC	196.7
0692	HDR ENGINEERING, INC	600455.55
0696	AMERICAN GENERAL LIFE GPO/400S	2239.36
0743	BANNER BANK NO	1962.6
0781	QUALITY BUSINESS SYSTEMS INC.	1916.38
0791	NORTHSHORE ROTARY CLUB	180
0817	GRAINGER	1092.1
0831	NORTHSHORE PARK & REC SERVICE AREA	2720
0851	EVERMARK, LLC	817.41
0892	JACOBS ENGINEERING GROUP	106192.32
0898	ZONAR SYSTEMS	528.21
0899	SHRED IT, C/O STERICYCLE, INC>	1052.23
0913	KENMORE ELEMENTARY	2500
0981	COMCAST BUSINESS	2033.6
0994	GORDON THOMAS HONEYWELL	27308.8
1003	iWORQ SYSTEMS	2800
1010	WESTLAKE HARDWARE WA-153	1830.63
1034	EMERALD FIRE LLC	517.47
1045	HORIZON DISTRIBUTORS INC	2893.91
1052	FIRE PROTECTION, INC	12183.34

VIII. B. Approve Total Check #s 47998 through 48102 totaling \$998,998.34...

Vendor Purchasing Report

For Date Range 01/01/2021 - 09/03/2021

Vendor Set: Vendor Set 01

Vendor	Name	Volume
1068	WA STATE DEPT OF LABOR & INDUSTRIES	147.2
1123	AM TEST, INC	1900
1140	PAWS	200
1148	AGORA REFRESHMENTS	252.84
1152	WASHINGTON ENERGY SERVICES CO. LLC	268.8
1168	SCHINDLER ELEVATOR CORPORATION	9513.58
1197	MILLER STEPHENS, MARY	8750
1215	STATE OF FLORIDA DISBURSEMENT UNIT	4675
1216	ADVANCE TESTING & SERVICE INC	1626
1222	OLSON BROTHERS PRO VAC	26247.17
1267	ALBIREO ENERGY, LLC	762
1299	VERIZON WIRELESS	1659.34
1309	BANNER BANK BAKER	7143.34
1311	WASHINGTON STATE PATROL	1107.35
1313	BOTHELL KENMORE CHAMBER OF COMMERCE	3900
1326	JOYCE ZIKER PARKINSON	1650
1331	KBA INC.	695174.32
1337	STATE OF WA DEPT. OF LICENSING	0.4
1339	STATE OF WA DEPARTMENT OF LICENSING	20
1342	PETERSON, JANET	350
1345	SHERWIN WILLIAMS CO. #8099	440.89
1358	ALPHAGRAPHS	674.54
1359	EVERGREEN FIRE AND SAFETY, INC.	466.95
1372	AAA PRINTING	412.87
1383	CHICAGO TITLE	250015.44
1385	CITYWORKS/ AZTECA SYSTEMS INC.	33030
1387	ST OF WA DEPT OF FISH & WILDLIFE	40
1390	UTILITIES UNDERGROUND LOCATION CTR	1489.95
1403	OSBORN CONSULTING INC.	207288.33
1431	BRIEN, GAYLYNN	400
1452	CITY OF KENT	500
1456	HESTON VISUAL ARTS	358.15
1457	LANGUAGE LINE SERVICES, INC.	2.55
1459	FLEMINGS HOLIDAY LIGHTING LLC	2547.71
1464	ROAD CONSTRUCTION NW, INC.	221176.59
1482	HIGHWIRE	543.12
1492	MACDONALD MILLER FACILITY SOLUTIONS	13728.96
1500	MARINE FLOATS CORPORATION	3456.2
1504	SCORE	59318.86
1524	GRANICUS LLC	20140.46
1544	METROPOLITAN TRANS. COMMISSION	1500
1550	THE EVP GROUP	17125.89
1555	LINCOLN NATIONAL LIFE INSURANCE	11905.87
1580	NORTHWEST TROPHY	165
1591	ULINE	594.34
1644	PASIFIKA ARTIST NETWORK LLC	1000
1673	KPFF CONSULTING ENGINEERS	456957.7
1689	MOTT MACDONALD GROUP, INC.	198005.5
1701	THE SEATTLE TIMES NIE	256.45
1704	BANNER BANK RK	489.46
1708	APPLIED CONCEPTS, INC.	3512.19
1711	SOFTWAREONE, INC.	13029.19
1712	SITEIMPROVE, INC.	3356.95
1731	NORTHWEST ARBORICULTURE LLC	792.72
1739	FIX AUTO	1259.22
1754	RFI ENTERPRISES INC.	8684.03
1762	BAKER, BRIDGIT	333.77
1763	REID, JAMES FALCONER	6772.5

VIII. B. Approve Total Check #s 47998 through 48102 totaling \$998,998.34...

Vendor Purchasing Report

For Date Range 01/01/2021 - 09/03/2021

Vendor Set: Vendor Set 01

Vendor	Name	Volume
1786	TYLER TECHNOLOGIES, INC.	19697.87
1789	BLUEBEAM, INC.	349
1791	PROFFITT, QUINN	220.1
1800	NORTHWEST PRECISION BUILDERS	60004.22
1813	STANDARD & POORS FINANCIAL SERVICES	16750
1814	YSI INCORPORATED, A XYLEM BRAND	1403.12
1816	NAVIA	21781.18
1828	QUALITY BUSINESS SYSTEMS / WELLS FARGO	5695.52
1829	SHI INTERNATIONAL CORP.	1400.87
1838	AVIDIA HEALTH	1700
1863	HAULAWAY STORAGE CONTAINERS, INC.	477.84
1874	LEGER, DEVON	25
1884	CADMAN MATERIALS, INC.	750.12
1885	NATIONAL BARRICADE CO., LLC	4480.47
1889	WILLIAMS, KASTNER & GIBBS PLLC	43922.4
1900	ASPECT CONSULTING LLC	1912.75
1914	MCNAMARA SIGNS	5325.08
1927	GAMETIME	2614.88
1930	T MOBILE USA, INC.	6142.34
1932	U.S. BANK N.A. / CUSTODY	248
1948	MULTICARE CENTERS OF OCCUPATIONAL MEDICINE	220
1961	WESTERN ENTRANCE TECHNOLOGY, LLC	655.1
1964	EARTHWORKS	13360.72
1970	CROSSROAD SIGN	2538.91
1979	MSPT XXII, LLC C/O FLYWAY RETAIL + LIVING	4500
1980	HRA VEBa TRUST	39157.26
1991	WASHINGTON STATE TREASURER	1246.5
1993	HYAS GROUP, LLC	7500
1994	LAKE CITY PARTNERS ENDING HOMELESSNESS	2250
1999	KING COUNTY POLICE CHIEFS ASSOCIATION	50
2001	PETERSEN BROTHERS, INC.	2392.36
2004	RED BARN ENGINEERING, INC.	88253.49
2007	HYDROPOINT DATA SYSTEMS, INC.	2072
2010	JUDHA OF LION LANDSCAPING AND SERVICES LLC	4734.3
2024	DFR LAW GROUP, LLC	900
2035	JURASSIC PARLIAMENT	1600
2047	PUGET SOUND PLANTS	2382.38
2048	SMS CLEANING, INC.	51960
2079	ZESBAUGH, INC.	638.58
2081	SHANNON & WILSON, INC.	7790.5
2095	TRANSPO GROUP USA INC.	13182.55
2096	TUPLING, SANDRA	146.5
2097	ROBINSON AND NOBLE, INC.	2850
2109	SEATOWN DEVELOPMENT GROUP	7500
2110	WILLIAM GARZA CREATIVE	165.15
2113	WA ASSOC. OF SHERIFFS & POLICE CHIEFS	180
2142	ICMA RETIREMENT C/O ALLFIRST BANK / 109964	325652.08
2145	NORTHWEST ELECTRIC AND SOLAR	536.74
2157	SOUND SAFETY PRODUCTS CO.	1060.7
2159	TRAILER BOSS	9032.1
2175	ELECTRONIC BUSINESS MACHINES	1564.1
2176	CANON FINANCIAL SERVICES, INC.	2128.64
2183	SISKUN POWER EQUIPMENT	5882.75
2184	DIVERSIFICATION INC.	2855.55
2209	MORUP SIGNS, INC.	5273.8
2211	PRECISION FUEL SOLUTIONS	1684.53
2215	INTERSECTION MEDIA, LLC	979.15
2221	O'REILLY/FIRST CALL	261.6

VIII. B. Approve Total Check #s 47998 through 48102 totaling \$998,998.34...

Vendor Purchasing Report

For Date Range 01/01/2021 - 09/03/2021

Vendor Set: Vendor Set 01

Vendor	Name	Volume
2224	BROWN, STEPHANIE	128.15
2226	QUANTUM HOMES	7500
2227	EARTHCORPS	1838.67
2236	COMCAST	18231.1
2242	MARY'S PLACE	23500
2249	KING COUNTY BAR ASSOCIATION	500
2250	NAMI EASTSIDE	750
2252	TRUGREEN	1326.72
2254	U.S. BANK PURCHASE CARDS	100825.25
2256	FLYNN BEC LP	3479.16
2259	MINUTEMAN PRESS	14407.83
2262	DILIGENT CORPORATION	17220.25
2270	LAKESIDE INDUSTRIES	914.1
2285	QUALITY WATER FINANCIAL	1262.72
2288	NORTHWEST PAVEMENT MANAGEMENT ASSOCIATIO	150
2298	WAPRO	145
2318	PIXEYES GRAPHICS & DESIGN	780
2327	PACIFIC AIR CONTROL, INC.	8696.19
2340	MOJO STRATEGIES	1562.5
2353	NORTHSHORE SCHOOLS FOUNDATION	750
2362	CHASEWEST VENTURES, INC.	2175
2379	JENNIFER DIXON	13473
2382	FOCUS TOOLS & ENGINEERING, INC.	11723.4
2385	TACOMA SCREW PRODUCTS, INC.	47.75
2386	CECCANTI, INC.	11557084.88
2392	DEPARTMENT OF COMMERCE	21885.05
2393	SEATTLE PUMP & EQUIPMENT CO./JETTERS NORTHW	1304.69
2396	ZIPLY FIBER	6155.87
2402	PACIFIC OFFICE AUTOMATION	686.16
2403	AMERICALL	1118.16
2411	STELL ENVIRONMENTAL ENTERPRISES, INC	6824.1
2413	ICLEI	1200
2414	GENCAP CONSTRUCTION CORP	51672.44
2416	KIERA CONDON	1600
2419	MIKE FOLDEN PRODUCTIONS	2400
2421	SIGNARAMA	418.45
2425	THOMCO CONSTRUCTION, INC.	3867854.28
2432	RICH MARKETING LLC	500
2434	PSR MECHANICAL	24665.15
2437	LOUDEDGE, INC.	5572.5
2459	NELSON ELECTRIC, INC.	18989.64
2464	D.P. NICOLI, INC.	1637.5
2468	DAVIDSON MACRI SWEEPING, INC.	10393.44
2473	THE ROOT OF US LLC	2000
2482	KIMLEY HORN AND ASSOCIATES, INC.	22410
2486	CASCADIA LAW GROUP	32352.75
2489	THE ORIGINAL POOP BAGS	2223.79
2508	SERENITY DILLAWAY	100
2511	SALCIDO, LETICIA	1016.68
2512	CARASOFT TECHNOLOGY CORPORATION	3630
2513	DGR DEVELOPMENT, INC.	7500
2514	STAN YAO	7804
2517	CLEARVIEW NURSERY, INC.	392.12
2518	CYSTIC FIBROSIS FOUNDATION	100
2519	HAMBELL	375
2520	KING COUNTY FINANCE	15
2521	UNITED PRINT SIGNS GRAPHICS	385.35
2522	TRC ENVIRONMENTAL CORPORATION	13145.24

VIII. B. Approve Total Check #s 47998 through 48102 totaling \$998,998.34...

Vendor Purchasing Report

For Date Range 01/01/2021 - 09/03/2021

Vendor Set: Vendor Set 01

Vendor	Name	Volume
2523	ALL AROUND FENCE COMPANY	990.9
2524	VARITECH INDUSTRIES INC.	3855.02
2525	SERVICE ELECTRIC CO. INC.	743.18
2526	CONVERGINT TECHNOLOGIES	5259.61
2527	SHOC NETWORKS	8222.78
2528	HIATT PARK LLC	16306.2
2529	FORCE AMERICA DISTRIBUTING LLC	440.4
2530	CASCADIA CONSULTING GROUP, INC.	52321.25
2531	BCN TELECOM, INC.	2606.46
2532	BIO CLEAN, INC.	1596.45
2533	JAMES R. WAGNER JR.	500
2535	BRASS MONKEY INVESTMENTS LLC	54.9
2536	JOHNSON ELECTRIC, INC.	7727.92
2537	HUNTINGTON TECHNOLOGY FINANCE	47388.75
2538	SHAWN PECKHAM	50.9
2539	C + C INC.	1000
2540	CHILD CARE RESOURCES	375
2541	TOWN CENTER HARDWARE	115.26
2542	DEERE & COMPANY	9074.74
2543	FOSTER GARVEY PC	37823
2544	ACTION SERVICES CORPORATION	1456
2545	KLB CONSTRUCTION, INC.	2943889.85
2546	1901 WLD KENMORE 68TH LLC	31.5
2547	OSW EQUIPMENT & REPAIR, LLC	4980.85
2548	CAMP UNITY EASTSIDE	6400
2549	DAVID EVANS	192.33
2550	THOMAS & MARIANNE IVEY	7500
2551	MICHAEL O'LEARY	171.68
2552	WEINSTEIN AU LLC	8616.05
2553	TICOR TITLE	250000
2554	ECONOMY FENCE CENTER	9459.11
2555	VTO SCULPTURE	18786.5
2557	NOVA BUILD INC	7500
2558	FOREMOST PROMOTIONS	1171.9
2559	KING COUNTY DEPT OF ADULT & JUVENILE DETENTIO	736.53
2561	PRR, INC	15498.36
2562	ABS VALUATION	11000
2563	BELMONT HOMES	7500
2564	DAVID CHAMBLISS	496.65
2565	KNOCKOUT PLUMBING & MECHANICAL LLC	235.2
2566	AMERICAN CITY BUSINESS JOURNALS, INC.	135
2569	FUN TIMES ICE CREAM	300
2570	H.D. FOWLER COMPANY	3144.54
2571	AJ LEE & BLUE SUMMIT	1000
2572	TIMBERLAND CONSTRUCTION	421.4
2573	WHISTLE WORKWEAR	173.71
2574	WANKER PRODUCTIONS	2500
2575	EPIC EVENTS AND PROMOTION, INC.	3192.9
2576	TRADE ROOT MUSIC GROUP LLC	2200
2577	APPLEONE EMPLOYMENT SERVICES	488.7
2578	CENTRICITY GIS, LLC	1500
2579	CHANIN KELLY-RAE CONSULTING LLC	10105
2580	FURNITURE PROS	1596.46
Vendor Set Vendor Set 01 Total:		29099648.79

VIII. B. Approve Total Check #s 47998 through 48102 totaling \$998,998.34...

9-3-21 Voucher Approval & Purchase History

Final Audit Report

2021-09-13

Created:	2021-09-07
By:	Carla Schnee (cschnee@kenmorewa.gov)
Status:	Signed
Transaction ID:	CBJCHBCAABAAt8wrwXxaEd9_q_OMj_xwykKnSoS4aXpX

"9-3-21 Voucher Approval & Purchase History" History

-  Document created by Carla Schnee (cschnee@kenmorewa.gov)
 2021-09-07 - 11:18:23 PM GMT- IP address: 50.235.209.34
-  Document emailed to Leticia Salcido (lsalcido@kenmorewa.gov) for signature
 2021-09-07 - 11:36:15 PM GMT
-  Email viewed by Leticia Salcido (lsalcido@kenmorewa.gov)
 2021-09-13 - 3:44:30 PM GMT- IP address: 50.235.209.34
-  Document e-signed by Leticia Salcido (lsalcido@kenmorewa.gov)
 Signature Date: 2021-09-13 - 3:44:37 PM GMT - Time Source: server- IP address: 50.235.209.34
-  Document emailed to Rob Karlinsey (rkarlinsey@kenmorewa.gov) for signature
 2021-09-13 - 3:44:38 PM GMT
-  Email viewed by Rob Karlinsey (rkarlinsey@kenmorewa.gov)
 2021-09-13 - 3:51:54 PM GMT- IP address: 50.235.209.34
-  Document e-signed by Rob Karlinsey (rkarlinsey@kenmorewa.gov)
 Signature Date: 2021-09-13 - 3:52:59 PM GMT - Time Source: server- IP address: 50.235.209.34
-  Agreement completed.
 2021-09-13 - 3:52:59 PM GMT



POWERED BY
Adobe Sign



Voucher Certification and Approval

City of Kenmore

DATE RANGE:

09/04/2021 - 09/17/2021

I, the undersigned, do hereby certify under penalty of perjury that the materials have been furnished, the services rendered or the labor performed as described herein, that any advance payment is due and payable pursuant to a contract or is available as an option for full or partial fulfillment of a contractual obligation, and the the claim is a just, due and unpaid obligation against the City of Kenmore and that I am authorized to authenticate and certify to said claim. The following checks and electronic payments are approved for payment:

Total Check #s 48103 through 48178: \$652,350.13

Total Payroll/Taxes/Flexible Spending/Retirement & Health Savings Acct Electronic Deposits Dated: 09/10/2021: \$178,691.10

Payroll Check #10175 dated 9/10/2021 \$ 968.73

Rob Karlinsey
Rob Karlinsey (Sep 17, 2021 11:15 PDT)

Sep 17, 2021

City Manager / Date

Leticia Salcido
Leticia Salcido (Sep 17, 2021 11:05 PDT)

Sep 17, 2021

Finance Director / Date

Vendor Name	Check #	Date	Description	Amount
AMERICAN GENERAL LIFE GPO/400S	48103	09/10/2021	Life Insurance	279.92
CITY OF KENMORE	48104	09/10/2021	Wages Overpayment Reimbursement	50.00
ICMA RETIREMENT C/O ALLFIRST BANK	48105	09/10/2021	City of Kenmore 401a	19,137.73
ICMA RETIREMENT TRUST 457 / 304745	48106	09/10/2021	ICMA 457 Deferred Comp	7,611.51
STATE OF FLORIDA DISBURSEMENT UNIT	48107	09/10/2021	Employee Deduction	275.00
1901 WLD KENMORE 68TH LLC	48108	09/17/2021	Overpayment SGN21-0532	7.99
83RD KENMORE LLC	48109	09/17/2021	PRJ17-0132/ENG17-0975 ROW Deposit Refund	7,500.00
AM TEST, INC	48110	09/17/2021	Swamp Creek Water Sample Testing	225.00
AURORA RENTS	48111	09/17/2021	Excavator Rental 73rd Pond Drainage	502.50
BANNER BANK BAKER	48112	09/17/2021	Monthly Zoom Chg.	60.54
BULGER SAFE & LOCK, INC.	48113	09/17/2021	Rhododendron Park Picnic Shelter Kiosk Keys	27.29
CALPORTLAND COMPANY	48114	09/17/2021	Gravel for SWM Proj. - 73rd Pond	188.11
CALPORTLAND COMPANY	48115	09/17/2021	Gravel for 61st Ave Drainage Project	238.79
CALPORTLAND COMPANY	48116	09/17/2021	Ecology Blocks for 61st Ave Drainage Project	38.54
CASCADE PEST CONTROL	48117	09/17/2021	Monthly Rhododendron Park Pest Control	154.58
CASCADIA CONSULTING GROUP, INC.	48118	09/17/2021	7/26-8/2521-C2679 Climate Action Plan Consulting	8,657.50
CASCADIA LAW GROUP	48119	09/17/2021	20-C2229 Aug. Special Counsel/Cadman PSCAA	3,645.00
CHANIN KELLY-RAE CONSULTING LLC	48120	09/17/2021	21-C2713 Aug. DEI Consulting Svcs.	10,105.00
CITY OF BELLEVUE	48121	09/17/2021	2021 ARCH Contributions	62,000.00
COMCAST	48122	09/17/2021	Sept. City Hall & Hangar Internet	2,133.88
COMCAST BUSINESS	48123	09/17/2021	9/14-10/13 City Hall Internet & Cable	152.10

COMCAST BUSINESS	48124	09/17/2021 9/10-10/9 Squire's Landing Internet	69.95
D.P. NICOLI, INC.	48125	09/17/2021 61st Drainage Proj. Hydraulic Cylinder Rental	1,001.91
D.P. NICOLI, INC.	48126	09/17/2021 61st Ave Drainage Proj. Equipment Rental	1,177.63
DAY WIRELESS SYSTEMS	48127	09/17/2021 Police Vehicle Equipment Calibration	527.04
DFR LAW GROUP, LLC	48128	09/17/2021 Case No. 621010422 Special Counsel	300.00
DFR LAW GROUP, LLC	48129	09/17/2021 Case No. 6210034541 Special Counsel	300.00
FRUHLING SAND & TOPSOIL	48130	09/17/2021 61st Drainage Proj. Dirt Dumping	192.50
GENCAP CONSTRUCTION CORP	48131	09/17/2021 19-C2112 July Boathouse Construction	51,672.44
GORDON THOMAS HONEYWELL	48132	09/17/2021 Aug. Governmental Affairs Consulting	3,900.00
GRAND EVENT RENTALS	48133	09/17/2021 Rental of Leveling Shims for Concert Stage	2,687.75
HAULWAY STORAGE CONTAINERS, INC.	48134	09/17/2021 8/6-9/2 Rhododendron Park Container Rental	95.79
HOME DEPOT CREDIT SERVICES	48135	09/17/2021 Drainage/Parks/ROW Materials & Tools	527.98
HONEY BUCKET	48136	09/17/2021 9/4-10/1 Squire's Landing Rental	240.35
JOYCE ZIKER PARKINSON	48137	09/17/2021 Aug. Legal Svcs - Boyd's Dry Cleaners	450.00
KING COUNTY FINANCE	48138	09/17/2021 Aug. Bridge Inspection Svcs.	95.61
KING COUNTY FINANCE	48139	09/17/2021 Aug. Road Svcs - Signs/Signals/Striping	12,898.55
KING COUNTY FINANCE	48140	09/17/2021 August Vegetation Disposal/Dump Fees	121.19
KING COUNTY FINANCE	48141	09/17/2021 Aug. Road Svcs - Signs/Ped. Safety	17,327.03
KING COUNTY RADIO COMM SERVICES	48142	09/17/2021 Aug. - Oct. Emergency Radio Svcs.	300.57
KING COUNTY SHERIFF	48143	09/17/2021 August Police Services	310,986.83
LIGHTHOUSE CONSULTING INC	48144	09/17/2021 Aug. Web Hosting/Backup/Protection/Archiving	8,264.93
LIGHTHOUSE CONSULTING INC	48145	09/17/2021 Aug. IT Services	2,413.60
MILLER STEPHENS, MARY	48146	09/17/2021 Aug. Public Defense Svcs @ SCORE	1,250.00
MR. T'S TROPHIES & AWARDS LLC	48147	09/17/2021 Name Plates/Name Tags/Door Plates	244.75
MR. T'S TROPHIES & AWARDS LLC	48148	09/17/2021 SWM Dept. Name Tags	30.72
NORTHSHORE SCHOOL DISTRICT	48149	09/17/2021 Aug. School Impact Fee Remittance	31,080.00
NORTHSHORE UTILITY DIST	48150	09/17/2021 Aug. Fleet Fues & Maintenance	3,976.93
OFFICE DEPOT	48151	09/17/2021 Misc. Office Supplies	219.50
OLYMPIC ENVIRONMENTAL RESOURCES INC	48152	09/17/2021 Fall Recycling Event Management Svcs.	1,487.50
OSBORN CONSULTING INC.	48153	09/17/2021 19-C2012 July Maint Facility Prop. Reconnaissance	12,521.34
OSBORN CONSULTING INC.	48154	09/17/2021 19-C2012 Aug. 61st Ave Outfall/Slope Assessment	7,111.39
OSBORN CONSULTING INC.	48155	09/17/2021 19-C2012 Aug CB Outfall Modification/Replacement	901.32
PACIFIC TOPSOILS	48156	09/17/2021 7/26-8/25 Vegetation & Sand Dump Fees	925.65
PAWS	48157	09/17/2021 August Animal Sheltering Services	200.00
PUGET SOUND ENERGY	48158	09/17/2021 7/31-8/31 Street Lights	19,277.90
PUGET SOUND ENERGY	48159	09/17/2021 8/1-8/31 City Hall Electricity	2,356.15

REPUBLIC SERVICES	48160	09/17/2021 Aug Dumpster - SWM Facility Vegetation Disposal	392.79
REPUBLIC SERVICES	48161	09/17/2021 Aug. City Hall Solid Waste	624.03
REPUBLIC SERVICES	48162	09/17/2021 Aug. Rhododendron Park Solid Waste	692.02
RFI ENTERPRISES INC.	48163	09/17/2021 Garage Door Access Control Repairs	372.14
SCORE	48164	09/17/2021 Aug. Hospital Transport/Security	130.00
SCORE	48165	09/17/2021 June Health Svcs	138.71
SCORE	48166	09/17/2021 August Inmate Housing/Medical	16,740.00
SNOHOMISH COUNTY	48167	09/17/2021 Aug. Drainage Maint. Debris Disposal	2,288.00
SWANK MOTION PICTURES, INC.	48168	09/17/2021 8/18 Drive In Movie License	435.00
T MOBILE USA, INC.	48169	09/17/2021 Staff Cell Phones & Data Plans	1,074.36
TOTAL LANDSCAPE CORP	48170	09/17/2021 Northshore Summit/Squires/Moorlands Parks	4,514.10
UTILITIES UNDERGROUND LOCATION CTR	48171	09/17/2021 Aug. Excavation Notices	303.15
VERIZON WIRELESS	48172	09/17/2021 Staff Cell Phones & Data Plans	347.76
WA STATE DEPT OF TRANSPORTATION	48173	09/17/2021 175th & 181st/68th Traffic Signal Maint.	797.31
WA STATE DEPT OF TRANSPORTATION	48174	09/17/2021 March 175th & 181st/68th Traffic Signal Maint.	807.57
WASHINGTON STATE TREASURER	48175	09/17/2021 Drive-In-Movie Discover Pass Fees/Ballfield Res.	1,221.88
WASHINGTON STATE TREASURER	48176	09/17/2021 Permits for Food Vendors 8/12 & 8/18	250.00
WHISTLE WORKWEAR	48177	09/17/2021 Seasonal Maint. Worker Boots/Rain Gear	436.76
ZIPLY FIBER	48178	09/17/2021 8/28-9/27 City Hall Phones	658.77
DRS 457	DFT0001092-93	09/10/2021 DRS 457 Deferred Comp	1,100.99
AVIDIA HEALTH	DFT0001094	09/10/2021 Employee Health Savings Contribution	100.00
DEPARTMENT OF RETIREMENT SYSTEMS	DFT0001095-1100	09/10/2021 Public Employees Retirement	28,554.75
NAVIA	DFT0001101	09/10/2021 Employee Flexible Spending Account	516.54
BANK OF AMERICA 941	DFT0001102	09/10/2021 Federal Taxes	22,975.18
CADEN BAKER	10175	09/10/2021 Payroll Check	968.73
PAYROLL	Electronic Dep.	09/10/2021 Direct Deposit	125,443.64
TOTAL			<u><u>\$ 832,009.96</u></u>

VIII. C. Approve Total Check #s 48103 through 48178 totaling \$652,350.13...



City of Kenmore

Vendor Purchasing Report

For Date Range 01/01/2021 - 09/17/2021

Vendor Set: Vendor Set 01

Vendor	Name	Volume
0014	AMERICAN PLANNING ASSOCIATION	1232
0022	ASSOCIATION OF WA CITIES	3200
0024	BAKER, DAVID	745
0037	BASTYR UNIVERSITY	50000
0054	BULGER SAFE & LOCK, INC.	121.64
0064	CASCADE PEST CONTROL	1322.26
0067	CENTER FOR HUMAN SERVICES	14550
0076	CITY OF BELLEVUE	135316.09
0081	CITY OF KENMORE	750
0083	CITY OF LAKE FOREST PARK	49950
0092	CODE PUBLISHING COMPANY	4445.86
0099	CONSOLIDATED PRESS	13589.43
0106	CROWN PRODUCTS LLC	514.2
0109	DAILY JOURNAL OF COMMERCE	2244.75
0111	DEPARTMENT OF ECOLOGY	10561
0121	REPUBLIC SERVICES	8777.18
0130	EMPLOYMENT SECURITY DEPARTMENT	11604.18
0137	FERGUSON ENTERPRISES INC #3011	2015.02
0145	FRUHLING SAND & TOPSOIL	1695.04
0151	CALPORTLAND COMPANY	3893.87
0169	HERRERA ENVIRONMENTAL CONSULTANTS	11235.89
0173	HOME DEPOT CREDIT SERVICES	3837.95
0184	INSLEE, BEST, DOEZIE & RYDER, P.S.	178002.9
0189	INTERNATIONAL CITY/CNTY MGMT ASSOC	2765.48
0191	INTERNATIONAL INST OF MUNI CLERKS	210
0197	JET CITY PRINTING	1192.04
0205	KENMORE HERITAGE SOCIETY	100
0206	KENMORE MIDDLE SCHOOL	8050
0212	KING COUNTY FINANCE W.L.R.D.	3765.86
0213	KING COUNTY ANIMAL SVCS	170
0217	KING COUNTY DISTRICT COURT	32134
0218	KING COUNTY FINANCE	5069.98
0219	KING COUNTY FINANCE	65548.11
0230	KING COUNTY RADIO COMM SERVICES	901.71
0233	KING COUNTY SHERIFF	2365274.58
0235	KING COUNTY TREASURY	41217.28
0251	LIGHTHOUSE CONSULTING INC	103701.77
0261	PENDLETON CONSULTING LLC	3200
0267	MR. T'S TROPHIES & AWARDS LLC	381.31
0285	NORTHSHORE FIRE DEPT	2160
0286	NORTHSHORE SCHOOL DISTRICT	357853
0287	NORTHSHORE SENIOR CENTER	27400
0288	NORTHSHORE UTILITY DIST	109882.65
0292	HONEY BUCKET	5439.77
0299	EBIX, INC.	118.38
0300	OFFICE DEPOT	2931.91
0304	OLYMPIC ENVIRONMENTAL RESOURCES INC	18586.57
0310	PACIFIC TOPSOILS	6542.48
0327	PUGET SOUND CLEAN AIR AGENCY	19396
0328	PUGET SOUND ENERGY	212561.13
0345	SEATTLE TIMES	3511.38
0346	SECRETARY OF STATE	20

Vendor Purchasing Report

For Date Range 01/01/2021 - 09/17/2021

Vendor Set: Vendor Set 01

Vendor	Name	Volume
0355	STAPLES ADVANTAGE	9368.47
0356	STATE AUDITOR'S OFFICE	18680.9
0357	STEWART MACNICHOLS HARMELL, INC.	40000
0359	SOUND CITIES ASSOC	15539.29
0365	TOTAL LANDSCAPE CORP	71838.87
0371	UNITED STATES POSTMASTER	5486.58
0375	US POSTAL SERVICE (HASLER)	3688.02
0385	WA ASSOC OF BUILDING OFFICIALS	2000
0386	WA ASSOC OF CODE ENFORCEMENT	20
0387	WA CITIES INSURANCE AUTHORITY	382432
0389	WASHINGTON CITY/COUNTY MGMT ASSOC	325
0390	WA FINANCE OFFICERS ASSOCIATION	75
0400	WASHINGTON STATE DEPT OF REVENUE	801.79
0401	WA STATE DEPT OF TRANSPORTATION	15100.69
0405	WASHINGTON STATE OFFICE CASH MGMT	1150
0412	WM CORPORATE SVCS - COLUMBIA RIDGE LANDFILL	16271.25
0424	ICMA RETIREMENT TRUST 457 / 304745	142292.22
0425	DRS 457	19566.57
0426	AFLAC	1729.52
0428	BANK OF AMERICA 941	372356.41
0429	AWC EMPLOYEE BENEFIT TRUST	566295.46
0431	DEPARTMENT OF RETIREMENT SYSTEMS	580730.96
0432	DEPARTMENT OF LABOR AND INDUSTRIES	32443.53
0434	UNITED WAY OF KING COUNTY	986.91
0436	NATIONAL LIFE OF VERMONT	985.36
0441	DANSOUND INC	1761.6
0448	UPS STORE KENMORE	1029.77
0450	AURORA RENTS	16490.69
0484	CITY WIDE FENCE COMPANY, INC	825.75
0497	DAY WIRELESS SYSTEMS	680.76
0542	AMERICAN SOCIETY OF COMPOSERS	367
0558	SNOHOMISH COUNTY	5629
0586	QUADIENT LEASING USA, INC.	1420.28
0588	ENVIRONMENTAL SYSTEMS RESEARCH INST	6017.79
0610	WA STATE DEPT OF TRANSPORTATION	33037.44
0617	KING COUNTY FINANCE	44310.53
0685	PACE ENGINEERS, INC.	10081.5
0689	DIGITAL REPROGRAPHICS SERVICES INC.	984.5
0690	BUILDERS EXCHANGE OF WASHINGTON INC	196.7
0692	HDR ENGINEERING, INC	600455.55
0696	AMERICAN GENERAL LIFE GPO/400S	2519.28
0743	BANNER BANK NO	1962.6
0781	QUALITY BUSINESS SYSTEMS INC.	1916.38
0791	NORTHSHORE ROTARY CLUB	180
0817	GRAINGER	1092.1
0831	NORTHSHORE PARK & REC SERVICE AREA	2720
0851	EVERMARK, LLC	817.41
0892	JACOBS ENGINEERING GROUP	106192.32
0898	ZONAR SYSTEMS	528.21
0899	SHRED IT, C/O STERICYCLE, INC>	1052.23
0913	KENMORE ELEMENTARY	2500
0981	COMCAST BUSINESS	2255.65
0994	GORDON THOMAS HONEYWELL	31208.8
1003	iWORQ SYSTEMS	2800
1010	WESTLAKE HARDWARE WA-153	1830.63
1034	EMERALD FIRE LLC	517.47
1045	HORIZON DISTRIBUTORS INC	2893.91
1052	FIRE PROTECTION, INC	12183.34

VIII. C. Approve Total Check #s 48103 through 48178 totaling \$652,350.13...

Vendor Purchasing Report

For Date Range 01/01/2021 - 09/17/2021

Vendor Set: Vendor Set 01

Vendor	Name	Volume
1068	WA STATE DEPT OF LABOR & INDUSTRIES	147.2
1123	AM TEST, INC	2125
1140	PAWS	400
1148	AGORA REFRESHMENTS	252.84
1152	WASHINGTON ENERGY SERVICES CO. LLC	268.8
1168	SCHINDLER ELEVATOR CORPORATION	9513.58
1197	MILLER STEPHENS, MARY	10000
1215	STATE OF FLORIDA DISBURSEMENT UNIT	4950
1216	ADVANCE TESTING & SERVICE INC	1626
1222	OLSON BROTHERS PRO VAC	26247.17
1267	ALBIREO ENERGY, LLC	762
1299	VERIZON WIRELESS	2007.1
1309	BANNER BANK BAKER	7203.88
1311	WASHINGTON STATE PATROL	1107.35
1313	BOTHELL KENMORE CHAMBER OF COMMERCE	3900
1326	JOYCE ZIKER PARKINSON	2100
1331	KBA INC.	695174.32
1337	STATE OF WA DEPT. OF LICENSING	0.4
1339	STATE OF WA DEPARTMENT OF LICENSING	20
1342	PETERSON, JANET	350
1345	SHERWIN WILLIAMS CO. #8099	440.89
1358	ALPHAGRAPHS	674.54
1359	EVERGREEN FIRE AND SAFETY, INC.	466.95
1372	AAA PRINTING	412.87
1383	CHICAGO TITLE	250015.44
1385	CITYWORKS/ AZTECA SYSTEMS INC.	33030
1387	ST OF WA DEPT OF FISH & WILDLIFE	40
1390	UTILITIES UNDERGROUND LOCATION CTR	1793.1
1403	OSBORN CONSULTING INC.	227822.38
1431	BRIEN, GAYLYNN	400
1452	CITY OF KENT	500
1456	HESTON VISUAL ARTS	358.15
1457	LANGUAGE LINE SERVICES, INC.	2.55
1459	FLEMINGS HOLIDAY LIGHTING LLC	2547.71
1464	ROAD CONSTRUCTION NW, INC.	221176.59
1482	HIGHWIRE	543.12
1492	MACDONALD MILLER FACILITY SOLUTIONS	13728.96
1500	MARINE FLOATS CORPORATION	3456.2
1504	SCORE	76327.57
1524	GRANICUS LLC	20140.46
1544	METROPOLITAN TRANS. COMMISSION	1500
1550	THE EVP GROUP	17125.89
1555	LINCOLN NATIONAL LIFE INSURANCE	11905.87
1580	NORTHWEST TROPHY	165
1591	ULINE	594.34
1644	PASIFIKA ARTIST NETWORK LLC	1000
1673	KPFF CONSULTING ENGINEERS	456957.7
1689	MOTT MACDONALD GROUP, INC.	198005.5
1701	THE SEATTLE TIMES NIE	256.45
1704	BANNER BANK RK	489.46
1708	APPLIED CONCEPTS, INC.	3512.19
1711	SOFTWAREONE, INC.	13029.19
1712	SITEIMPROVE, INC.	3356.95
1731	NORTHWEST ARBORICULTURE LLC	792.72
1739	FIX AUTO	1259.22
1754	RFI ENTERPRISES INC.	9056.17
1762	BAKER, BRIDGIT	333.77
1763	REID, JAMES FALCONER	6772.5

VIII. C. Approve Total Check #s 48103 through 48178 totaling \$652,350.13...

Vendor Purchasing Report

For Date Range 01/01/2021 - 09/17/2021

Vendor Set: Vendor Set 01

Vendor	Name	Volume
1782	SWANK MOTION PICTURES, INC.	435
1786	TYLER TECHNOLOGIES, INC.	19697.87
1789	BLUEBEAM, INC.	349
1791	PROFFITT, QUINN	220.1
1800	NORTHWEST PRECISION BUILDERS	60004.22
1813	STANDARD & POORS FINANCIAL SERVICES	16750
1814	YSI INCORPORATED, A XYLEM BRAND	1403.12
1816	NAVIA	22297.72
1828	QUALITY BUSINESS SYSTEMS / WELLS FARGO	5695.52
1829	SHI INTERNATIONAL CORP.	1400.87
1838	AVIDIA HEALTH	1800
1863	HAULAWAY STORAGE CONTAINERS, INC.	573.63
1874	LEGER, DEVON	25
1884	CADMAN MATERIALS, INC.	750.12
1885	NATIONAL BARRICADE CO., LLC	4480.47
1889	WILLIAMS, KASTNER & GIBBS PLLC	43922.4
1900	ASPECT CONSULTING LLC	1912.75
1913	GRAND EVENT RENTALS	2687.75
1914	MCNAMARA SIGNS	5325.08
1927	GAMETIME	2614.88
1930	T MOBILE USA, INC.	7216.7
1932	U.S. BANK N.A. / CUSTODY	248
1948	MULTICARE CENTERS OF OCCUPATIONAL MEDICINE	220
1961	WESTERN ENTRANCE TECHNOLOGY, LLC	655.1
1964	EARTHWORKS	13360.72
1970	CROSSROAD SIGN	2538.91
1979	MSPT XXII, LLC C/O FLYWAY RETAIL + LIVING	4500
1980	HRA VEBa TRUST	39157.26
1991	WASHINGTON STATE TREASURER	2718.38
1993	HYAS GROUP, LLC	7500
1994	LAKE CITY PARTNERS ENDING HOMELESSNESS	2250
1999	KING COUNTY POLICE CHIEFS ASSOCIATION	50
2001	PETERSEN BROTHERS, INC.	2392.36
2004	RED BARN ENGINEERING, INC.	88253.49
2007	HYDROPOINT DATA SYSTEMS, INC.	2072
2010	JUDHA OF LION LANDSCAPING AND SERVICES LLC	4734.3
2024	DFR LAW GROUP, LLC	1500
2035	JURASSIC PARLIAMENT	1600
2047	PUGET SOUND PLANTS	2382.38
2048	SMS CLEANING, INC.	51960
2079	ZESBAUGH, INC.	638.58
2081	SHANNON & WILSON, INC.	7790.5
2095	TRANSCO GROUP USA INC.	13182.55
2096	TUPLING, SANDRA	146.5
2097	ROBINSON AND NOBLE, INC.	2850
2109	SEATOWN DEVELOPMENT GROUP	7500
2110	WILLIAM GARZA CREATIVE	165.15
2113	WA ASSOC. OF SHERIFFS & POLICE CHIEFS	180
2142	ICMA RETIREMENT C/O ALLFIRST BANK / 109964	344789.81
2145	NORTHWEST ELECTRIC AND SOLAR	536.74
2157	SOUND SAFETY PRODUCTS CO.	1060.7
2159	TRAILER BOSS	9032.1
2175	ELECTRONIC BUSINESS MACHINES	1564.1
2176	CANON FINANCIAL SERVICES, INC.	2128.64
2183	SISKUN POWER EQUIPMENT	5882.75
2184	DIVERSIFICATION INC.	2855.55
2209	MORUP SIGNS, INC.	5273.8
2211	PRECISION FUEL SOLUTIONS	1684.53

VIII. C. Approve Total Check #s 48103 through 48178 totaling \$652,350.13...

Vendor Purchasing Report

For Date Range 01/01/2021 - 09/17/2021

Vendor Set: Vendor Set 01

Vendor	Name	Volume
2215	INTERSECTION MEDIA, LLC	979.15
2221	O'REILLY/FIRST CALL	261.6
2224	BROWN, STEPHANIE	128.15
2226	QUANTUM HOMES	7500
2227	EARTHCORPS	1838.67
2236	COMCAST	20364.98
2242	MARY'S PLACE	23500
2249	KING COUNTY BAR ASSOCIATION	500
2250	NAMI EASTSIDE	750
2252	TRUGREEN	1326.72
2254	U.S. BANK PURCHASE CARDS	100825.25
2256	FLYNN BEC LP	3479.16
2259	MINUTEMAN PRESS	14407.83
2262	DILIGENT CORPORATION	17220.25
2270	LAKE SIDE INDUSTRIES	914.1
2285	QUALITY WATER FINANCIAL	1262.72
2288	NORTHWEST PAVEMENT MANAGEMENT ASSOCIATIO	150
2298	WAPRO	145
2318	PIXELEYES GRAPHICS & DESIGN	780
2327	PACIFIC AIR CONTROL, INC.	8696.19
2340	MOJO STRATEGIES	1562.5
2353	NORTHSHORE SCHOOLS FOUNDATION	750
2362	CHASEWEST VENTURES, INC.	2175
2379	JENNIFER DIXON	13473
2382	FOCUS TOOLS & ENGINEERING, INC.	11723.4
2385	TACOMA SCREW PRODUCTS, INC.	47.75
2386	CECCANTI, INC.	11557084.88
2392	DEPARTMENT OF COMMERCE	21885.05
2393	SEATTLE PUMP & EQUIPMENT CO./JETTERS NORTHW	1304.69
2396	ZIPLY FIBER	6814.64
2402	PACIFIC OFFICE AUTOMATION	686.16
2403	AMERICALL	1118.16
2411	STELL ENVIRONMENTAL ENTERPRISES, INC	6824.1
2413	ICLEI	1200
2414	GENCAP CONSTRUCTION CORP	103344.88
2416	KIERA CONDON	1600
2419	MIKE FOLDEN PRODUCTIONS	2400
2421	SIGNARAMA	418.45
2425	THOMCO CONSTRUCTION, INC.	3867854.28
2432	RICH MARKETING LLC	500
2434	PSR MECHANICAL	24665.15
2437	LOUDEDGE, INC.	5572.5
2459	NELSON ELECTRIC, INC.	18989.64
2464	D.P. NICOLI, INC.	3817.04
2468	DAVIDSON MACRI SWEEPING, INC.	10393.44
2473	THE ROOT OF US LLC	2000
2482	KIMLEY HORN AND ASSOCIATES, INC.	22410
2486	CASCADIA LAW GROUP	35997.75
2489	THE ORIGINAL POOP BAGS	2223.79
2508	SERENITY DILLAWAY	100
2511	SALCIDO, LETICIA	1016.68
2512	CARASOFT TECHNOLOGY CORPORATION	3630
2513	DGR DEVELOPMENT, INC.	7500
2514	STAN YAO	7804
2517	CLEARVIEW NURSERY, INC.	392.12
2518	CYSTIC FIBROSIS FOUNDATION	100
2519	HAMBELL	375
2520	KING COUNTY FINANCE	15

VIII. C. Approve Total Check #s 48103 through 48178 totaling \$652,350.13...

Vendor Purchasing Report

For Date Range 01/01/2021 - 09/17/2021

Vendor Set: Vendor Set 01

Vendor	Name	Volume
2521	UNITED PRINT SIGNS GRAPHICS	385.35
2522	TRC ENVIRONMENTAL CORPORATION	13145.24
2523	ALL AROUND FENCE COMPANY	990.9
2524	VARITECH INDUSTRIES INC.	3855.02
2525	SERVICE ELECTRIC CO. INC.	743.18
2526	CONVERGINT TECHNOLOGIES	5259.61
2527	SHOC NETWORKS	8222.78
2528	HIATT PARK LLC	16306.2
2529	FORCE AMERICA DISTRIBUTING LLC	440.4
2530	CASCADIA CONSULTING GROUP, INC.	60978.75
2531	BCN TELECOM, INC.	2606.46
2532	BIO CLEAN, INC.	1596.45
2533	JAMES R. WAGNER JR.	500
2535	BRASS MONKEY INVESTMENTS LLC	54.9
2536	JOHNSON ELECTRIC, INC.	7727.92
2537	HUNTINGTON TECHNOLOGY FINANCE	47388.75
2538	SHAWN PECKHAM	50.9
2539	C + C INC.	1000
2540	CHILD CARE RESOURCES	375
2541	TOWN CENTER HARDWARE	115.26
2542	DEERE & COMPANY	9074.74
2543	FOSTER GARVEY PC	37823
2544	ACTION SERVICES CORPORATION	1456
2545	KLB CONSTRUCTION, INC.	2943889.85
2546	1901 WLD KENMORE 68TH LLC	39.49
2547	OSW EQUIPMENT & REPAIR, LLC	4980.85
2548	CAMP UNITY EASTSIDE	6400
2549	DAVID EVANS	192.33
2550	THOMAS & MARIANNE IVEY	7500
2551	MICHAEL O'LEARY	171.68
2552	WEINSTEIN AU LLC	8616.05
2553	TICOR TITLE	250000
2554	ECONOMY FENCE CENTER	9459.11
2555	VTO SCULPTURE	18786.5
2557	NOVA BUILD INC	7500
2558	FOREMOST PROMOTIONS	1171.9
2559	KING COUNTY DEPT OF ADULT & JUVENILE DETENTIO	736.53
2561	PRR, INC	15498.36
2562	ABS VALUATION	11000
2563	BELMONT HOMES	7500
2564	DAVID CHAMBLISS	496.65
2565	KNOCKOUT PLUMBING & MECHANICAL LLC	235.2
2566	AMERICAN CITY BUSINESS JOURNALS, INC.	135
2569	FUN TIMES ICE CREAM	300
2570	H.D. FOWLER COMPANY	3144.54
2571	AJ LEE & BLUE SUMMIT	1000
2572	TIMBERLAND CONSTRUCTION	421.4
2573	WHISTLE WORKWEAR	610.47
2574	WANKER PRODUCTIONS	2500
2575	EPIC EVENTS AND PROMOTION, INC.	3192.9
2576	TRADE ROOT MUSIC GROUP LLC	2200
2577	APPLEONE EMPLOYMENT SERVICES	488.7
2578	CENTRICITY GIS, LLC	1500
2579	CHANIN KELLY-RAE CONSULTING LLC	20210
2580	FURNITURE PROS	1596.46
2581	83RD KENMORE LLC	7500
Vendor Set Vendor Set 01 Total:		29805246.38

VIII. C. Approve Total Check #s 48103 through 48178 totaling \$652,350.13...

09-17-2021

Final Audit Report

2021-09-17

Created:	2021-09-17
By:	Carla Schnee (cschnee@kenmorewa.gov)
Status:	Signed
Transaction ID:	CBJCHBCAABAAAMu045BwBlhxghYyE5ZrQs-sXCEIA8W-

"09-17-2021" History

-  Document created by Carla Schnee (cschnee@kenmorewa.gov)
 2021-09-17 - 5:36:36 PM GMT- IP address: 50.235.209.34
-  Document emailed to Leticia Salcido (lsalcido@kenmorewa.gov) for signature
 2021-09-17 - 5:54:27 PM GMT
-  Email viewed by Leticia Salcido (lsalcido@kenmorewa.gov)
 2021-09-17 - 6:05:24 PM GMT- IP address: 50.235.209.34
-  Document e-signed by Leticia Salcido (lsalcido@kenmorewa.gov)
 Signature Date: 2021-09-17 - 6:05:46 PM GMT - Time Source: server- IP address: 50.235.209.34
-  Document emailed to Rob Karlinsey (rkarlinsey@kenmorewa.gov) for signature
 2021-09-17 - 6:05:47 PM GMT
-  Email viewed by Rob Karlinsey (rkarlinsey@kenmorewa.gov)
 2021-09-17 - 6:09:28 PM GMT- IP address: 50.235.209.34
-  Document e-signed by Rob Karlinsey (rkarlinsey@kenmorewa.gov)
 Signature Date: 2021-09-17 - 6:15:44 PM GMT - Time Source: server- IP address: 50.235.209.34
-  Agreement completed.
 2021-09-17 - 6:15:44 PM GMT



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City Council Business Agenda Item

City of Kenmore, WA

Subject/Topic: American Rescue Plan Act (ARPA) Listening Session with the Kenmore Community Proposed Council Action/Motion: Authorize the City Manager to add a \$5,000 addendum to the City's Diversity Equity and Inclusion contract with consultant Chanin Kelly-Rae for a listening session to help us better understand the pandemic's impacts on our community.	For Council Meeting Agenda of: September 27, 2021 Department: City Manager Prepared by: Stephanie Lucash, ACM/ARPA Administrator <table border="0" style="width: 100%;"> <tr> <td></td><td style="text-align: right;"><u>Initial & Date</u></td></tr> <tr> <td>Approved by Department Head:</td><td style="text-align: right;">SL, 9/10/21</td></tr> <tr> <td>Approved by City Attorney:</td><td style="text-align: right;">DR, 9/10/21</td></tr> <tr> <td>Approved by Finance Director:</td><td style="text-align: right;">LS, 9/13/21</td></tr> <tr> <td>Approved by City Manager:</td><td style="text-align: right;">RGK, 9/13/21</td></tr> </table> Exhibits/Attachments: City of Kenmore Community Listening Session proposal for \$5,000 from Consultant Chanin Kelly-Rae		<u>Initial & Date</u>	Approved by Department Head:	SL, 9/10/21	Approved by City Attorney:	DR, 9/10/21	Approved by Finance Director:	LS, 9/13/21	Approved by City Manager:	RGK, 9/13/21
	<u>Initial & Date</u>										
Approved by Department Head:	SL, 9/10/21										
Approved by City Attorney:	DR, 9/10/21										
Approved by Finance Director:	LS, 9/13/21										
Approved by City Manager:	RGK, 9/13/21										
American Rescue Plan Act (ARPA) Listening Session with the Kenmore Community <u>BACKGROUND</u> The American Rescue Plan Act (ARPA) is a \$1.9 trillion federal law that was signed into effect on March 11, 2021 to help the U.S. respond to and recover from the COVID-19 pandemic. These funds include \$350 billion in formula grants to be given to state, local, tribal and territory governments. These local funds will provide an infusion of resources to address economic fallout from the pandemic, support individuals, businesses, and essential workers, replace lost government revenues and make investments to ensure a strong and equitable response to - and recovery from - the pandemic. The City of Kenmore will receive \$6.4 million in funds in two payments: half to be received in mid-2021 and the remainder to be received in mid-2022. All funds have to be allocated by the end of 2024 and spent by the end of 2026. <u>LISTENING SESSION WITH THE KENMORE COMMUNITY</u> At its July 26, 2021 meeting, the Kenmore City Council discussed our upcoming plans for ARPA community engagement. At that meeting, Kenmore City Councilmember Corina Pfeil suggested that we hold a listening session to better understand how our Kenmore community has been impacted by the COVID-19 pandemic. This proposal will bring that idea to fruition. City staff are proposing to utilize the services of our Diversity, Equity and Inclusion (DEI) Consultant Chanin Kelly-Rae for this work. Chanin has facilitated listening sessions for other Puget Sound cities and will help us bring a DEI frame to the discussion to ensure all voices in our community will be heard. This effort will help											

demonstrate Kenmore's commitment to DEI in all of our citywide work. As noted in the attached proposal, the results of this listening session will help us tailor our upcoming ARPA funding proposals to best meet the needs of our community.

City staff are planning to bring a menu of proposed ARPA projects for Council consideration in November; this listening session will be an opportunity for our community to share their lived experiences, ideas, and insights to ensure our upcoming funding proposals respond to the needs of our community. A key work product that will be helpful in our planning efforts will be a summary report, prepared by the consultant, that will include comments from the listening session as well as data and feedback from a companion online questionnaire.

FISCAL CONSIDERATION:

On June 28, 2021, the City Council established by ordinance a special revenue fund known as the "ARPA Fiscal Recovery Fund." The City has already received \$3,223,740 of its \$6,453,779 ARPA allocation and placed those dollars in the ARPA Fiscal Recovery Fund. The City is proposing to use \$5,000 of those funds for this proposed listening session contract.

COUNCIL GOAL/BUDGET OBJECTIVE BEING ADDRESSED:

Goal #4: Respond to the Pandemic. The purpose of Kenmore's ARPA funds are to help the City respond to and recover from the COVID-19 pandemic.



**Proposal for Professional Services:
City of Kenmore Community Listening Session – American Rescue Plan Act
(ARPA) Equity Outreach**

Proposal for the City of Kenmore
Prepared by: Chanin Kelly-Rae Chanin
Kelly-Rae Consulting Phone: (425) 354-
8257
Email: grow@ChaninKellyRae.com
www.ChaninKellyRae.com

Federal EIN 88-1336698 Washington State
Business LicenseWA UBI# 604 760 074
Washington State MWBE
Cert# M3F0027144

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This proposal outlines professional services to occur from approximately September 15 to October 31, 2021. It will include work that draws upon empirical and theoretical research from the fields of organizational development, and diversity management.

This document details services which will deliver a communitywide listening session designed to allow all City of Kenmore key stakeholders to better understand issues related to community access and equitable outcomes; and solicit from the community their lived experiences, ideas, and insights intended to identify both challenges and strategies for addressing those inequities in City services and the community.

Submittal Addresses:

Electronic Address: slucash@kenmorewa.gov

Mailing Address: City of Kenmore
Attn: Stephanie Lucash
1775 12th Ave NW
Kenmore, WA 98027



ABOUT THE COMPANY

We believe in the guiding principle of "Build Nothing for Us, Without Us." Whether an organization is small or large, public or private, the deliberate and intentional act of bringing diverse perspectives to the table produces the absolute best opportunity to both grow as an organization, and connect with your stakeholder community.

Founded in February 2001, Chanin Kelly-Rae Consulting LLC was inspired by the everyday social, political, and cultural activism that has increased opportunities for ALL people over the last century. With a desire to improve systems and build more responsive institutions, we have brought together some of the best and brightest subject matter experts and strategists to help grow your organization into a better version of itself. Having experience in government, education, law, nonprofit, and the private business sector, we take a data driven approach to find solutions that work for your organization's individual needs. Governance, performance measures, and collaboration are the foundations for organizational change management.

PERSONNEL

Principal in Charge, Chanin Kelly-Rae

Chanin Kelly-Rae is the Founder and CEO of Chanin Kelly-Rae Consulting LLC, a Diversity Management firm that specializes in Organizational Equity Needs Assessments & Strategic Planning, Meeting Facilitation, Training and Learning Experiences, Policy Development, Speaking and Executive Coaching.

Ms. Kelly-Rae will be responsible for all aspects of the Organizational Equity Needs Assessment & Gap Analysis, training, and strategic planning.



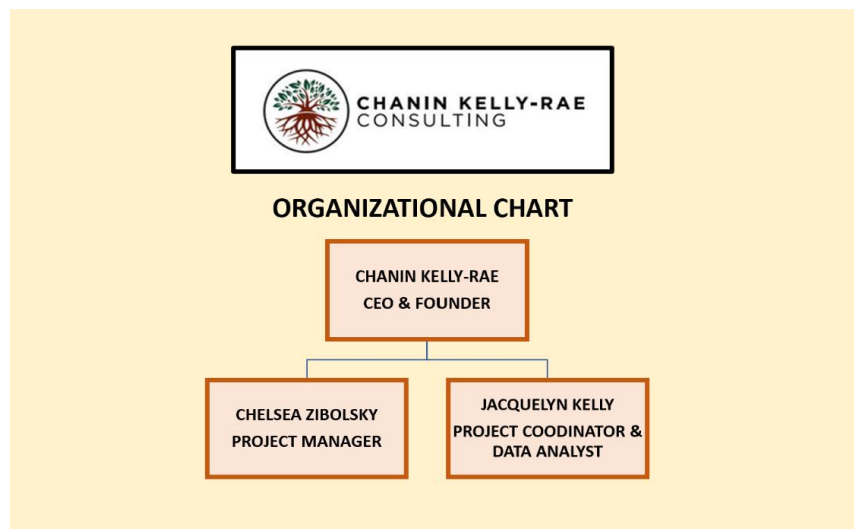
PERSONNEL CONTINUED

Project Manager, Chelsea Zibolsky

As a seasoned project manager with DEI experience Ms. Zibolsky will assist in the coordination and execution of the Organizational Equity Needs Assessment & Gap Analysis. Some of her primary duties will include: coordination of internal and external meetings, information and data gathering, survey and listening session coordination.

Project Coordinator and Data Analyst, Jacquelyn Kelly

Bringing years of experience in community engagement, project coordination, and data storytelling, Ms. Kelly will assist in the development and execution of the tools and resources needed to identify growth opportunities by gathering and presenting qualitative and quantitative data. As a seasoned researcher, she will coordinate with key stakeholders to execute surveys, community data scans, and prepare data for both internal and external audiences.





RECENT RELATED EXPERIENCE

City of Kirkland - 2021

Needs Assessment, Training, Leadership Consultation, Listening Sessions, Focus Groups, Surveys, Planning & Strategy, and 3-year Roadmap.

Project Partner: City Manager's Office

Deliverables: Equity Needs Assessment, all staff receive Implicit Bias training, comprehensive outreach and engagement (internal/external), diversity dashboards, governance structure for diversity council and Employee Resource Groups, City Council Retreat, staff listening sessions, staff culture survey, citywide culture survey, and Comprehensive Citywide Equity Plan.

City of Issaquah - 2021

Three (3) Targeted Listening Sessions [Students, Families, and Community] related to the School Resource Officer Program

Project Partner: Chief Scott Behrbaum, City of Issaquah

Deliverables: Plan, facilitate, and execute three separate listening sessions in partnership with Issaquah Public schools to get feedback on the School Resource Officer (SRO) Program. Design, host and execute a communitywide, online survey seeking feedback on the SRO program. Report and deliver findings to the Police department, Issaquah School Superintendent, and Issaquah City Council.

REFERENCES

Chief Scott Behrbaum
Police Chief, City of Issaquah
ScottB@issaquahwa.gov

Kurt Triplett City
Manager City of
Kirkland
KTriplett@kirklandwa.gov

Tanika Padhye
Council President, City of Redmond
tpadhye@redmond.gov

Chief Cherie Harris
Chief of Police, City of Kirkland
CHarris@kirklandwa.gov

Chief Darrell Lowe
Chief of Police, City of Redmond
DLowe@Redmond.gov



City of Kenmore Community Listening Session

Scope of Work

Background

The American Rescue Plan Act (ARPA) of 2021, also called the COVID-19 Stimulus Package or American Rescue Plan, Pub L. No. 117-2, is a \$1.9 trillion economic stimulus bill passed by the 117th United States Congress and signed into law by President Joe Biden on March 11, 2021, to speed up the United States' recovery from the economic and health effects of the COVID-19 pandemic and the ongoing recession. First proposed on January 14, 2021, the package builds upon many of the measures in the CARES Act from March 2020 and in the Consolidated Appropriations Act, 2021, from December.

The city of Kenmore shares a vision in which all members of the community can fully and effectively access city services, influence city policy and direction, and feel a sense of belonging and safety. The Kenmore Mayor, City Council, City Manager and staffs are committed to ensuring that the City delivers services equitably and can adapt to meet the needs of its changing community.

Goals

Create a conversational opportunity for the city's leaders and community members to learn and interact, and help guide the City toward a future focused on Diversity, Equity and Inclusion. Make funding decisions that positively impact the whole community, while considering the legacy of historic disparities and inequity. The purpose of the conversation is to strengthen the city's relationship with all of the diverse communities within Kenmore, and ensure that decisions are being made with the community's full participation.

Purpose

The city of Kenmore will host a facilitated community listening session in October of 2021 to hear from the public and learn more about the challenges and opportunities ahead as they intentionally focus on deepening their understand of the dynamics of structural bias, inequity, and/or those social determinants that impact the ability of individuals and groups within the Kenmore community to thrive. As they consider the allocation of spending pursuant to the ARPA, the city wants to engage with the public to better understand those critical issues impacting Kenmore.

Community Conversation

Develop and Deliver a Community Conversation

The facilitator/mediator (Chanin Kelly-Rae) will engage the community in a two-way conversation regarding Diversity, Equity and Inclusion as they relate to community need. More specifically, the facilitator will lead a conversational approach where:

The public will have the opportunity to register for the event online via Eventbrite at no charge.



Through this platform, participants will be able to register an email address that will send reminders, allow them to save the event to their calendar, and allow them to receive an online invitation to participate in a controlled virtual public environment. Features include the ability to raise their hands to speak, security that doesn't permit participants to speak out of turn, and security features that will not permit the public to share videos without the permission of the host/facilitator. Participants can ask questions or share perspectives to the facilitator/panelists only, or to the facilitator/panelists and public participants.

The public are invited to provide comment in a format that is geared to enhance participation and optimize inclusivity; feedback will be submitted via two (2) modalities: virtual public comment (ZOOM platform) and online questionnaire. The questionnaire will be available via online on the City of Kenmore's platform, it will also be made available to each participant at both the conclusion of the virtual meeting, and the link to the survey will be sent to the registered email address of each participant at the conclusion of the virtual meeting as well.

The facilitator would be responsible for keeping time and moderating.

City staff are afforded the opportunity to actively listen; and,

A concluding wrap-up period will be offered to explain what can be expected as a result of the conversation.

Presentation and publication of a summary report of the listening session as well as the data/feedback from the online questionnaire.

Sample Dialogue Questions:

1. What historic challenges related to race and ethnicity have existed in the Kenmore community that have impacted your experience?
2. What are the current critical issues impacting the cultural climate of Kenmore, do these issues impact your ability to access and receive needed municipal services?
3. What could and/or should be considered as city staffs and leaders begin to prioritize goals for the city of Kenmore related to improving your life and those of the community?
4. How would you like to be engaged in the future as the city of Kenmore considers ways to improve their relationship with all of the city?

Budget Proposal Deliverables

- Development of strategy
- Coordination and alignment of messaging, technology, and strategy for virtual listening session
- Collaboration with Kenmore City staff to execute event.
- Partnership, alignment, and coordination of online tools and resources required for successful event set-up and execution, registration, and communication with participants.
- Subject-matter expertise and consultation to city employees, city leaders, and relevant stakeholders for successful event execution.
- Production of documents, tools, and resources for October 2021 event and practice sessions ahead of event for the benefit of the technology team, city staff, and stakeholders.
- Presentation and publication of event summary.



- Presentation of recording of October 2021 event (city shall own all rights to the recorded event).

BUDGET

Total Fee: \$5,000.00

Hourly Rate: \$235/hr.

Payment is due upon completion of event and submission of final product as proposed above and should be submitted upon receipt of invoice from Chanin Kelly-Rae Consulting LLC.

**CITY OF KENMORE
WASHINGTON
ORDINANCE NO. 21-0533**

**AN ORDINANCE OF THE CITY OF KENMORE, WASHINGTON,
ADOPTING A SIX-MONTH MORATORIUM ON THE APPLICATION
FOR, INTAKE OF, REVIEW OR ISSUANCE OF ANY DEVELOPMENT
PERMIT OR APPROVAL FOR THE ESTABLISHMENT, LOCATION
AND/OR CONSTRUCTION OF ANY DEVELOPMENT WITHIN THE
TRANSIT ORIENTED DEVELOPMENT (TOD) DISTRICT OVERLAY
AREA; SETTING A DATE FOR A PUBLIC HEARING ON THE
MORATORIUM; DECLARING AN EMERGENCY; AND
ESTABLISHING AN IMMEDIATE EFFECTIVE DATE**

WHEREAS, the City Council adopted Ordinance 15-0406, which established the Transit Oriented Development (TOD) District Overlay, which is codified at Chapter 18.29 of the Kenmore Municipal Code (KMC); and

WHEREAS, the purpose of the TOD District Overlay is to reinforce the City's planned concentrations of pedestrian-oriented mixed-use development at intensities that support and are supported by multi-modal transportation options, including high capacity transit; and

WHEREAS, the City has directed the Planning Commission to review the City's TOD District Overlay regulations as part of the State-mandated Comprehensive Plan update, over the next several months; and

WHEREAS, the City has become aware of the potential of lower density projects within the TOD District Overlay area, which would interfere with the City's intended planning for the TOD District Overlay area; and

WHEREAS, a moratorium is necessary to give the Planning Commission sufficient time to hold a hearing, complete planning for the TOD District Overlay area, and provide recommendations to the City Council regarding the appropriate regulatory framework for the TOD District Overlay; and

WHEREAS, a moratorium is necessary to give the City Council sufficient time to consider the recommendation of the Planning Commission and adopt appropriate regulations regarding development within the TOD District Overlay area; and

WHEREAS, without a moratorium, the City could receive in the very near future, applications for permit approvals to develop in the TOD District Overlay area prior to completion of the City's regulatory review process, and such an action would conflict with the City's long-range planning; and

WHEREAS, the City Council deems it to be in the best interest of the public, and necessary for the protection of the public health, safety, property, or peace, to establish an immediate

moratorium on the acceptance, review and approval of permits for the establishment, location, and/or construction of any development within the TOD District Overlay; and

WHEREAS, the regulation of zoning and land use are valid exercises of the City's policy powers under Article XI, Section 11 of the Washington State Constitution, and such police powers grant the City Council authority to adopt a moratorium; and

WHEREAS, RCW 35A.63.220 and RCW 36.70A.390 authorize the City to adopt a moratorium on development or land use for six-months, and hold a public hearing on the moratorium within sixty (60) days of the initial adoption of the moratorium; and

WHEREAS, RCW 35A.13.190 provides that an ordinance may be made effective upon adoption if passed by a majority plus one of the whole membership of the council, and if designated as a public emergency ordinance necessary for the protection of the public health, public safety, public property or public peace; and

WHEREAS, pursuant to RCW 35A.13.190, the City Council finds that this ordinance is a public emergency ordinance necessary for the protection of public health, public safety, public property, or public peace for the reasons set forth herein;

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF KENMORE, WASHINGTON ORDAINS AS FOLLOWS:

Section 1. Findings. The City Council adopts the recitals set forth above, which are incorporated by reference, as findings in support of the moratorium and declaration of this ordinance as a public emergency ordinance. The City Council may, in its discretion, adopt additional or revised findings at the conclusion of the public hearing referenced in Section 3 below.

Section 2. Moratorium.

A. Adoption. Pursuant to the City's police powers under Article XI, Section 11 of the Washington State Constitution, RCW 35A.63.220, and RCW 36.70A.390, a moratorium is hereby adopted and imposed on the application for, intake of, review of, or issuance of any approval and/or development permit, including, but not limited to, building permits, site plan review, etc., for the establishment, location and/or construction of any development within the Transit Oriented Development (TOD) District Overlay area, as shown and depicted in KMC 18.29.020. The term "development" means the same as defined in KMC 18.20.715. The term "development permit" means the same as defined in KMC 18.20.735.

B. Exemptions. The moratorium imposed under Section 2.A only applies to new development permit applications, and the following development permits are exempt from the moratorium:

1. Complete applications for building permits submitted to the City prior to the adoption of this ordinance;
2. Complete applications for site plans submitted to the City prior to the adoption of this ordinance.
3. Any other development permit submitted and deemed complete by the City prior to the adoption of this ordinance.

Section 3. Public Hearing. As provided in RCW 35A.63.220 and RCW 36.70A.390, the City Council hereby sets a public hearing for September 27, 2021, which shall begin at 7:00 p.m., or as soon thereafter as the business of the City Council shall permit, in order to take public

testimony and consider adopting further findings justifying the imposition of the moratorium established in Section 2 above.

Section 4. Duration. The moratorium established in Section 2 above shall be in effect for a period of six (6) months from the effective date of this Ordinance (to and through February 16, 2022), and shall automatically expire at the end of that day unless repealed, modified, or extended (after subsequent public hearing if extended), and entry of appropriate findings of fact as provided in RCW 35A.63.220 and RCW 36.70A.390.

Section 5. Authorization of City Manager. The City Manager is hereby authorized and directed to move forward with the Planning Commission's review of appropriate development regulations relating to the TOD District Overlay area, and to bring its recommendation to the City Council for consideration and potential adoption.

Section 6. Transmittal of Ordinance. The City Manager is directed to transmit this ordinance to the Washington State Department of Commerce as required by law.

Section 7. Severability. If any provision of this ordinance or its application to any person or circumstance is held invalid or unconstitutional by a court of competent jurisdiction, the remainder of the ordinance, or the application of the provision to other persons or circumstances, is not affected.

Section 8. Designation of Emergency Ordinance; Immediate Effective Date. Pursuant to RCW 35A.13.190, the City Council declares and designates this ordinance as a public emergency ordinance necessary for the protection of the public health, public safety, public property, or the public peace. Upon adoption of this ordinance by a majority plus one of the whole membership of the council, this ordinance shall take effect and be in full force immediately upon its adoption. Pursuant to Matson v. Clark County Board of Commissioners, 79 Wn. App. 641, 904 P.2d 317 (1995), underlying facts necessary to support this emergency declaration are included in the recitals set forth above, which are adopted by reference.

PASSED BY THE CITY COUNCIL AT A REGULAR MEETING THEREOF ON THE 16 TH DAY OF AUGUST, 2021.

CITY OF KENMORE



David Baker, Mayor

ATTEST/AUTHENTICATED:



Anastasiya Warhol (Aug 17, 2021 14:02 PDT)

Anastasiya Warhol, City Clerk

Approved as to form:

Dawn Reitan

Dawn Reitan (Aug 17, 2021 13:22 PDT)

Dawn Reitan, City Attorney

FILED WITH THE CITY CLERK: 8/16/21
PASSED BY THE CITY COUNCIL: 8/16/21
ORDINANCE NO.: 21-0533
DATE OF PUBLICATION: 8/19/21
EFFECTIVE DATE: 8/16/21



City Council Business Agenda Item City of Kenmore, WA

Subject/Topic: Public Hearing regarding Ordinance 21-0533 adopted 8/16/21, a six-month moratorium for development within the Transit Oriented Development (TOD) District Overlay Proposed Council Action/Motion: Motion to adopt Ordinance 21-0535, amending Ordinance 21-0533 which established a six-month moratorium for development within the Transit Oriented Development (TOD) District Overlay Area	For Council Meeting Agenda of: 9/27/21 Department: Community Development Prepared by: Debbie Bent, Community Development Director <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"></th><th style="text-align: right;"><u>Initial & Date</u></th></tr> </thead> <tbody> <tr> <td>Approved by Department Head:</td><td style="text-align: right;"><u>DB 9/3/21</u></td></tr> <tr> <td>Approved by City Attorney:</td><td style="text-align: right;"><u>DR 9/9/21</u></td></tr> <tr> <td>Approved by Finance Director:</td><td style="text-align: right;"><u>N/A</u></td></tr> <tr> <td>Approved by City Manager:</td><td style="text-align: right;"><u>RK 9/13/21</u></td></tr> </tbody> </table> Exhibits/Attachments: 1) Ordinance 21-0535 2) Ordinance 21-0533		<u>Initial & Date</u>	Approved by Department Head:	<u>DB 9/3/21</u>	Approved by City Attorney:	<u>DR 9/9/21</u>	Approved by Finance Director:	<u>N/A</u>	Approved by City Manager:	<u>RK 9/13/21</u>
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Approved by Department Head:	<u>DB 9/3/21</u>										
Approved by City Attorney:	<u>DR 9/9/21</u>										
Approved by Finance Director:	<u>N/A</u>										
Approved by City Manager:	<u>RK 9/13/21</u>										
<u>INFORMATION/BACKGROUND:</u> On 8/16/21 Council adopted public emergency Ordinance 21-0533 (Attachment #2) that established an immediate effective date for a six-month moratorium (to and through 2/16/22) on the application for intake of, review or issuance of any development or permit or approval for the establishment, location and/or construction of any development within the Transit Oriented Development (TOD) District Overlay Area (TOD Moratorium). Ordinance 21-0533 also established a public hearing date of 9/27/21 to take public testimony and consider adopting further findings justifying the imposition of the moratorium. Ordinance 21-0533 Section 2.B (See Attachment #2) established the following development permit exemptions from the moratorium: 1. Complete applications for building permits submitted to the City prior to the adoption of this ordinance. 2. Complete applications for site plans submitted to the City prior to the adoption of this ordinance. 3. Any other development permit submitted and deemed complete by the City prior to the adoption of this ordinance. In 2021, the Legislature adopted Engrossed Second Substitute House Bill 1220 which prohibits cities from enacting moratoria that would prevent the construction of permanent supportive housing, transitional housing, indoor emergency shelters and indoor emergency housing. To be consistent, the TOD Moratorium must be amended to add an exemption for building permit applications or construction of transitional housing, permanent supportive housing, indoor emergency shelters and indoor emergency housing. To amend the TOD Moratorium, the Council must pass a motion to adopt Ordinance 21-0535, amending Ordinance 21-0533, which would add the following exemption to the TOD Moratorium: 1. Complete applications for building permits submitted to the City prior to the adoption of this ordinance. 2. Complete applications for site plans submitted to the City prior to the adoption of this ordinance.											

3. Any other development permit submitted and deemed complete by the City prior to the adoption of this ordinance.
4. Building permit applications for or the construction of transitional housing or permanent supportive housing or building permit applications for or the construction of indoor emergency shelters and indoor emergency housing.

The findings and justification for imposition of the moratorium include providing time for the Planning Commission to review the City's TOD district regulations as part of the State-mandated Comprehensive Plan update, over the next several months. The purpose of the TOD district Overlay is to reinforce the City's planned concentrations of pedestrian-oriented mixed-use development at intensities that support and are supported by multi-modal transportation options, including high-capacity transit. The City has become aware of the potential of lower density projects within the TOD District Overlay area, which would interfere with the City's intended planning for the TOD District Overlay area. A moratorium is necessary to give the Planning Commission sufficient time to hold a hearing, complete planning for the TOD District Overlay area, and provide recommendations to the City Council regarding the appropriate regulatory framework for the TOD District Overlay. A moratorium is necessary to give the City Council sufficient time to consider the recommendation of the Planning Commission and adopt appropriate regulations regarding development within the TOD District Overlay area. Without a moratorium, the City could receive in the very near future, applications for permit approvals to develop in the TOD District Overlay area prior to completion of the City's regulatory review process, and such an action would conflict with the City's long-range planning.

FISCAL CONSIDERATION: Staff time to work with the Planning Commission and Council on review of the City's TOD district regulations.

COUNCIL GOAL/BUDGET OBJECTIVE BEING ADDRESSED:

2021—2022 Council Priorities:

#11 Engage and educate the community on growth and development in Kenmore.

**CITY OF KENMORE
WASHINGTON
ORDINANCE NO. 21-0533**

**AN ORDINANCE OF THE CITY OF KENMORE, WASHINGTON,
ADOPTING A SIX-MONTH MORATORIUM ON THE APPLICATION
FOR, INTAKE OF, REVIEW OR ISSUANCE OF ANY DEVELOPMENT
PERMIT OR APPROVAL FOR THE ESTABLISHMENT, LOCATION
AND/OR CONSTRUCTION OF ANY DEVELOPMENT WITHIN THE
TRANSIT ORIENTED DEVELOPMENT (TOD) DISTRICT OVERLAY
AREA; SETTING A DATE FOR A PUBLIC HEARING ON THE
MORATORIUM; DECLARING AN EMERGENCY; AND
ESTABLISHING AN IMMEDIATE EFFECTIVE DATE**

WHEREAS, the City Council adopted Ordinance 15-0406, which established the Transit Oriented Development (TOD) District Overlay, which is codified at Chapter 18.29 of the Kenmore Municipal Code (KMC); and

WHEREAS, the purpose of the TOD District Overlay is to reinforce the City's planned concentrations of pedestrian-oriented mixed-use development at intensities that support and are supported by multi-modal transportation options, including high capacity transit; and

WHEREAS, the City has directed the Planning Commission to review the City's TOD District Overlay regulations as part of the State-mandated Comprehensive Plan update, over the next several months; and

WHEREAS, the City has become aware of the potential of lower density projects within the TOD District Overlay area, which would interfere with the City's intended planning for the TOD District Overlay area; and

WHEREAS, a moratorium is necessary to give the Planning Commission sufficient time to hold a hearing, complete planning for the TOD District Overlay area, and provide recommendations to the City Council regarding the appropriate regulatory framework for the TOD District Overlay; and

WHEREAS, a moratorium is necessary to give the City Council sufficient time to consider the recommendation of the Planning Commission and adopt appropriate regulations regarding development within the TOD District Overlay area; and

WHEREAS, without a moratorium, the City could receive in the very near future, applications for permit approvals to develop in the TOD District Overlay area prior to completion of the City's regulatory review process, and such an action would conflict with the City's long-range planning; and

WHEREAS, the City Council deems it to be in the best interest of the public, and necessary for the protection of the public health, safety, property, or peace, to establish an immediate

moratorium on the acceptance, review and approval of permits for the establishment, location, and/or construction of any development within the TOD District Overlay; and

WHEREAS, the regulation of zoning and land use are valid exercises of the City's policy powers under Article XI, Section 11 of the Washington State Constitution, and such police powers grant the City Council authority to adopt a moratorium; and

WHEREAS, RCW 35A.63.220 and RCW 36.70A.390 authorize the City to adopt a moratorium on development or land use for six-months, and hold a public hearing on the moratorium within sixty (60) days of the initial adoption of the moratorium; and

WHEREAS, RCW 35A.13.190 provides that an ordinance may be made effective upon adoption if passed by a majority plus one of the whole membership of the council, and if designated as a public emergency ordinance necessary for the protection of the public health, public safety, public property or public peace; and

WHEREAS, pursuant to RCW 35A.13.190, the City Council finds that this ordinance is a public emergency ordinance necessary for the protection of public health, public safety, public property, or public peace for the reasons set forth herein;

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF KENMORE, WASHINGTON ORDAINS AS FOLLOWS:

Section 1. Findings. The City Council adopts the recitals set forth above, which are incorporated by reference, as findings in support of the moratorium and declaration of this ordinance as a public emergency ordinance. The City Council may, in its discretion, adopt additional or revised findings at the conclusion of the public hearing referenced in Section 3 below.

Section 2. Moratorium.

A. Adoption. Pursuant to the City's police powers under Article XI, Section 11 of the Washington State Constitution, RCW 35A.63.220, and RCW 36.70A.390, a moratorium is hereby adopted and imposed on the application for, intake of, review of, or issuance of any approval and/or development permit, including, but not limited to, building permits, site plan review, etc., for the establishment, location and/or construction of any development within the Transit Oriented Development (TOD) District Overlay area, as shown and depicted in KMC 18.29.020. The term "development" means the same as defined in KMC 18.20.715. The term "development permit" means the same as defined in KMC 18.20.735.

B. Exemptions. The moratorium imposed under Section 2.A only applies to new development permit applications, and the following development permits are exempt from the moratorium:

1. Complete applications for building permits submitted to the City prior to the adoption of this ordinance;
2. Complete applications for site plans submitted to the City prior to the adoption of this ordinance.
3. Any other development permit submitted and deemed complete by the City prior to the adoption of this ordinance.

Section 3. Public Hearing. As provided in RCW 35A.63.220 and RCW 36.70A.390, the City Council hereby sets a public hearing for September 27, 2021, which shall begin at 7:00 p.m., or as soon thereafter as the business of the City Council shall permit, in order to take public

testimony and consider adopting further findings justifying the imposition of the moratorium established in Section 2 above.

Section 4. Duration. The moratorium established in Section 2 above shall be in effect for a period of six (6) months from the effective date of this Ordinance (to and through February 16, 2022), and shall automatically expire at the end of that day unless repealed, modified, or extended (after subsequent public hearing if extended), and entry of appropriate findings of fact as provided in RCW 35A.63.220 and RCW 36.70A.390.

Section 5. Authorization of City Manager. The City Manager is hereby authorized and directed to move forward with the Planning Commission's review of appropriate development regulations relating to the TOD District Overlay area, and to bring its recommendation to the City Council for consideration and potential adoption.

Section 6. Transmittal of Ordinance. The City Manager is directed to transmit this ordinance to the Washington State Department of Commerce as required by law.

Section 7. Severability. If any provision of this ordinance or its application to any person or circumstance is held invalid or unconstitutional by a court of competent jurisdiction, the remainder of the ordinance, or the application of the provision to other persons or circumstances, is not affected.

Section 8. Designation of Emergency Ordinance; Immediate Effective Date. Pursuant to RCW 35A.13.190, the City Council declares and designates this ordinance as a public emergency ordinance necessary for the protection of the public health, public safety, public property, or the public peace. Upon adoption of this ordinance by a majority plus one of the whole membership of the council, this ordinance shall take effect and be in full force immediately upon its adoption. Pursuant to Matson v. Clark County Board of Commissioners, 79 Wn. App. 641, 904 P.2d 317 (1995), underlying facts necessary to support this emergency declaration are included in the recitals set forth above, which are adopted by reference.

PASSED BY THE CITY COUNCIL AT A REGULAR MEETING THEREOF ON THE 16 TH DAY OF AUGUST, 2021.

CITY OF KENMORE



David Baker, Mayor

ATTEST/AUTHENTICATED:



Anastasiya Warhol (Aug 17, 2021 14:02 PDT)

Anastasiya Warhol, City Clerk

Approved as to form:

Dawn Reitan

Dawn Reitan (Aug 17, 2021 13:22 PDT)

Dawn Reitan, City Attorney

FILED WITH THE CITY CLERK: 8/16/21
PASSED BY THE CITY COUNCIL: 8/16/21
ORDINANCE NO.: 21-0533
DATE OF PUBLICATION: 8/19/21
EFFECTIVE DATE: 8/16/21

**CITY OF KENMORE
WASHINGTON
ORDINANCE NO. 21-0535**

**AN ORDINANCE OF THE CITY OF KENMORE, WASHINGTON,
AMENDING ORDINANCE 21-0533 WHICH ESTABLISHED A SIX-
MONTH MORATORIUM ON THE APPLICATION FOR, INTAKE OF,
REVIEW OR ISSUANCE OF ANY DEVELOPMENT PERMIT OR
APPROVAL FOR THE ESTABLISHMENT, LOCATION AND/OR
CONSTRUCTION OF ANY DEVELOPMENT WITHIN THE TRANSIT
ORIENTED DEVELOPMENT (TOD) DISTRICT OVERLAY AREA, TO
ADD AN EXEMPTION TO THE MORATORIUM; ADOPTING
ADDITIONAL FINDINGS JUSTIFYING THE MORATORIUM; AND
ESTABLISHING AN EFFECTIVE DATE**

WHEREAS, the City Council adopted Ordinance 15-0406, which established the Transit Oriented Development (TOD) District Overlay, which is codified at Chapter 18.29 of the Kenmore Municipal Code (KMC); and

WHEREAS, the purpose of the TOD District Overlay is to reinforce the City's planned concentrations of pedestrian-oriented mixed-use development at intensities that support and are supported by multi-modal transportation options, including high capacity transit; and

WHEREAS, the City has directed the Planning Commission to review the City's TOD District Overlay regulations as part of the State-mandated Comprehensive Plan update; and

WHEREAS, consistent with this direction, the Planning Commission reviewed planning options for the TOD District Overlay at its March 2, 2021, June 1, 2021, and June 15, 2021, meetings, and will continue to consider planning options for the area; and

WHEREAS, the City has become aware of the potential of lower density projects within the TOD District Overlay area, which would interfere with the City's intended planning for the TOD District Overlay area; and

WHEREAS, a moratorium is necessary to give the Planning Commission sufficient time to hold a hearing, complete planning for the TOD District Overlay area, and provide recommendations to the City Council regarding the appropriate regulatory framework for the TOD District Overlay; and

WHEREAS, a moratorium is necessary to give the City Council sufficient time to consider the recommendation of the Planning Commission and adopt appropriate regulations regarding development within the TOD District Overlay area; and

WHEREAS, without a moratorium, the City could receive in the very near future, applications for permit approvals to develop in the TOD District Overlay area prior to completion of the City's regulatory review process, and such an action would conflict with the City's long-range planning; and

WHEREAS, the regulation of zoning and land use are valid exercises of the City's policy powers under Article XI, Section 11 of the Washington State Constitution, and such police powers grant the City Council authority to adopt a moratorium; and

WHEREAS, RCW 35A.63.220 and RCW 36.70A.390 authorize the City to adopt a moratorium on development or land use for six-months, and hold a public hearing on the moratorium within sixty (60) days of the initial adoption of the moratorium; and

WHEREAS, on August 16, 2021, the City Council adopted Ordinance 21-0533, which adopted a 6-month moratorium on the application for, intake of, review or issuance of any development permit or approval for the establishment, location and/or construction of any development within the TOD District Overlay area ("TOD Moratorium"), and also established exemptions to the TOD Moratorium; and

WHEREAS, in 2021 the Washington Legislature adopted Engrossed Second Substitute House Bill 1220 which prohibits cities from enacting moratoria that would prevent the construction of permanent supportive housing, transitional housing, indoor emergency shelters and indoor emergency housing, and the City Council desires to amend Ordinance 21-0533 to be consistent with state law; and

WHEREAS, pursuant to RCW 36.70A.390 and Ordinance 21-0530, the City Council held a public hearing on the TOD Moratorium, and finds it necessary to adopt this ordinance amending Ordinance 21-0533; and

WHEREAS, the City Council renews its finding that the adopted TOD Moratorium is in the best interest of the public, and necessary for the protection of the public health, safety, property, or peace;

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF KENMORE, WASHINGTON ORDAINS AS FOLLOWS:

Section 1. Findings. The City Council adopts the recitals set forth above, and the recitals set forth in Ordinance 21-0533, which are incorporated herein by reference, as findings of fact justifying the moratorium established in Ordinance 21-0533, as amended herein.

Section 2. Amendment. Section 2 of Ordinance 21-0533 is amended to read as follows:

Section 2. Moratorium.

A. Adoption. Pursuant to the City's police powers under Article XI, Section 11 of the Washington State Constitution, RCW 35A.63.220, and RCW 36.70A.390, a moratorium is hereby adopted and imposed on the application for, intake of, review of, or issuance of any approval and/or development permit, including, but not limited to, building permits, site plan review, etc., for the establishment, location and/or construction of any development within the Transit Oriented Development (TOD) District Overlay area, as shown and depicted in KMC 18.29.020. The term "development" means the same as defined in KMC 18.20.715. The term "development permit" means the same as defined in KMC 18.20.735.

B. Exemptions. The moratorium imposed under Section 2.A ~~only does not apply~~ to ~~new development permit applications, and~~ the following development permits, ~~which~~ are exempt from the moratorium:

1. Complete applications for building permits submitted to the City prior to the adoption of this ordinance;
2. Complete applications for site plans submitted to the City prior to the adoption of this ordinance.
3. Any other development permit submitted and deemed complete by the City prior to the adoption of this ordinance.
4. Building permit applications for or the construction of transitional housing or permanent supportive housing or building permit applications for or the construction of indoor emergency shelters and indoor emergency housing.

Section 3. Transmittal of Ordinance. The City Manager is directed to transmit this ordinance to the Washington State Department of Commerce as required by law.

Section 4. Severability. If any provision of this ordinance or its application to any person or circumstance is held invalid or unconstitutional by a court of competent jurisdiction, the remainder of the ordinance, or the application of the provision to other persons or circumstances, is not affected.

Section 5. Effective date. This Ordinance shall be published in the official newspaper of the City, and shall take effect and be in full force five (5) days after the date of publication.

PASSED BY THE CITY COUNCIL AT A REGULAR MEETING THEREOF ON THE 27th DAY OF SEPTEMBER, 2021.

CITY OF KENMORE

David Baker, Mayor

ATTEST/AUTHENTICATED:

Anastasiya Warhol, City Clerk

Approved as to form:

Dawn Reitan, City Attorney

FILED WITH THE CITY CLERK:
PASSED BY THE CITY COUNCIL:
ORDINANCE NO.:
DATE OF PUBLICATION:
EFFECTIVE DATE:



To: City of Kenmore
From: Shelly Helder, Senior Government Affairs Consultant
RE: 2021 Washington State Redistricting Commission Proposed Maps
Date: September 23, 2021

Redistricting in Washington State

Every ten years, following the federal census, a bipartisan Washington State Redistricting Commission is established to redraw legislative and congressional district boundaries to ensure each district represents an equal number of residents. The Commission is comprised of five commissioners, four appointed by caucus leaders and the fifth chosen by the four. The fifth commissioner is a non-voting member. The Redistricting Commission's work is guided by state law which requires that the final redistricting plan have districts that:

- 1) Contain population proportionality;
- 2) Coincide with the boundaries of local political subdivisions and areas recognized as communities of interest;
- 3) Are convenient, contiguous, and compact; and
- 4) Encourage electoral competition and do not favor or discriminate against any political party or group

In early September the City submitted a letter to the Redistricting Commission and requested to remain in the 46th LD, citing the fact the city has been well represented by the 46th district legislators. The letter also referenced the shared interest with neighboring jurisdictions in addressing the congestion along State Route 522 and the benefit in remaining in the same district to amplify this issue. Staff at the Commission confirmed receipt of the letter and ensured it had been shared with each Commissioner.

Proposed Maps

Proposed legislative district maps were released by each of the four commissioners on September 21st. According to the most recent US Census results, each legislative district (LD) has a population target of 157,241. Unfortunately, the City does not remain in the 46th LD in any of the proposed maps. Below are links to the proposed maps, a summary of values reflected in each proposal, and a brief description of what each proposal means for the City of Kenmore.

April Sims – House Democrat Caucus Appointee

<https://washington.mydistricting.com/legdistricting/comments/plan/1182/15>

Commissioner Sims' map incorporates the following values: protecting fair and effective representation, maintaining and creating communities of interest, respecting Tribal sovereignty, and engaging communities that have been historically underrepresented. This map creates nine majority Person of Color (POC) districts (the current map has two), incorporates requests from Tribal Councils and unites cities that were previously divided.

The map places the City of Kenmore in the 32nd LD, along with the cities of Lake Forest Park, Shoreline, Brier, Mountlake Terrace, and small portions of Seattle (Broadview neighborhood) and Lynnwood. The benefit of this map is that the City would remain in the same district as Lake Forest Park, which was important to the Council

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Tacoma, WA 98401
Phone: (253) 620-6500
Fax: (253) 620-6565

www.gth-gov.com

203 Maryland Ave., NE
Washington, DC 20002
Phone: (202) 544-2681
Fax: (202) 544-5765

for purposes of collaborating on State Route 522 challenges. This map draws a line between the 46th and 32nd LDs at 145th St, which would divide the western segment of SR 522 between three LDs. A downside to this map is that the city would share a legislative delegation with six other cities, which makes it challenging for legislators to dedicate substantial time to individual city issues.

Paul Graves – House Republican Caucus Appointee

<https://washington.mydistricting.com/legdistricting/comments/plan/1185/15>

Commissioner Graves map focuses on communities of interest and is not drawn to favor either party or incumbents. It increases the overall number of competitive districts - those within three percent of 50/50 - to eleven, an increase from the current six swing districts. The map creates eight majority POC districts and prioritizes keeping cities together.

This map places the City of Kenmore in the 48th LD, along with the cities of Lake Forest Park, Kirkland, and portions of Seattle (Lake City, Northgate, Cedar Park). This map also divides SR 522 into three LDs but draws the boundary between the 48th LD and 46th LD further south, at NE 100th Street. This map places Kenmore in a district with the fewest number of other municipalities.

Brady Walkinshaw – Senate Democrat Caucus Appointee

<https://washington.mydistricting.com/legdistricting/comments/plan/1183/15>

Commissioner Walkinshaw's map reflects the value that electoral representation is strongest when communities of interest are united. This map creates eight majority-minority districts, honors requests from Tribal councils, and minimizes the split of cities. When cities must be split, the boundaries align with neighborhoods, school district boundaries, or large transportation corridors.

This map places the City of Kenmore in the 32nd LD, along with the cities of Lake Forest Park, Shoreline, Mountlake Terrace, and portions of Edmonds. Under this proposal, SR 522 is divided at 145th Street, similar to Commissioner Sims' map. This map places Kenmore in a district with the second fewest number of other municipalities.

Joe Fain – Senate Republican Caucus Appointee

<https://washington.mydistricting.com/legdistricting/comments/plan/1186/15>

Commissioner Fain's map reflects the paramount duty of Washington State is public education and public schools are the greatest community of interest. The map builds upon existing school district boundaries and protects nearly three-quarters of all school districts in Washington from being split between multiple legislative districts. The goal is to give great voice to students, educators and parents in state government. The map expands the number of competitive districts to fifteen, honors Tribal council's requests, keeps 73% of residents in their current legislative district, and creates seven majority-minority districts.

This map places the City of Kenmore in the 1st LD, along with the cities of Mountlake Terrace, Brier, and portions of Lynnwood, and Bothell. This is the only map that draws a legislative district boundary between the cities of Kenmore and Lake Forest Park. Under this proposal, the western portion of SR 522 spans four legislative districts. A potential benefit of having the State Route in multiple districts is having more legislators that may prioritize investment in this corridor.

Next Steps

The Redistricting Commission is holding two statewide public outreach meetings to receive input on the proposed maps. The outreach meetings will be held virtually on October 5th from 7-10pm and October 9th from 10am-1pm. Three of the four commissioners must agree to a final map no later than November 15th. More information about the outreach meetings and the overall process is available at the [WA State Redistricting website](#).

CITY OF KENMORE

2021 REDISTRICTING UPDATE

SHELLY HELDER
GORDON THOMAS HONEYWELL GOVERNMENTAL AFFAIRS
SEPTEMBER 27, 2021

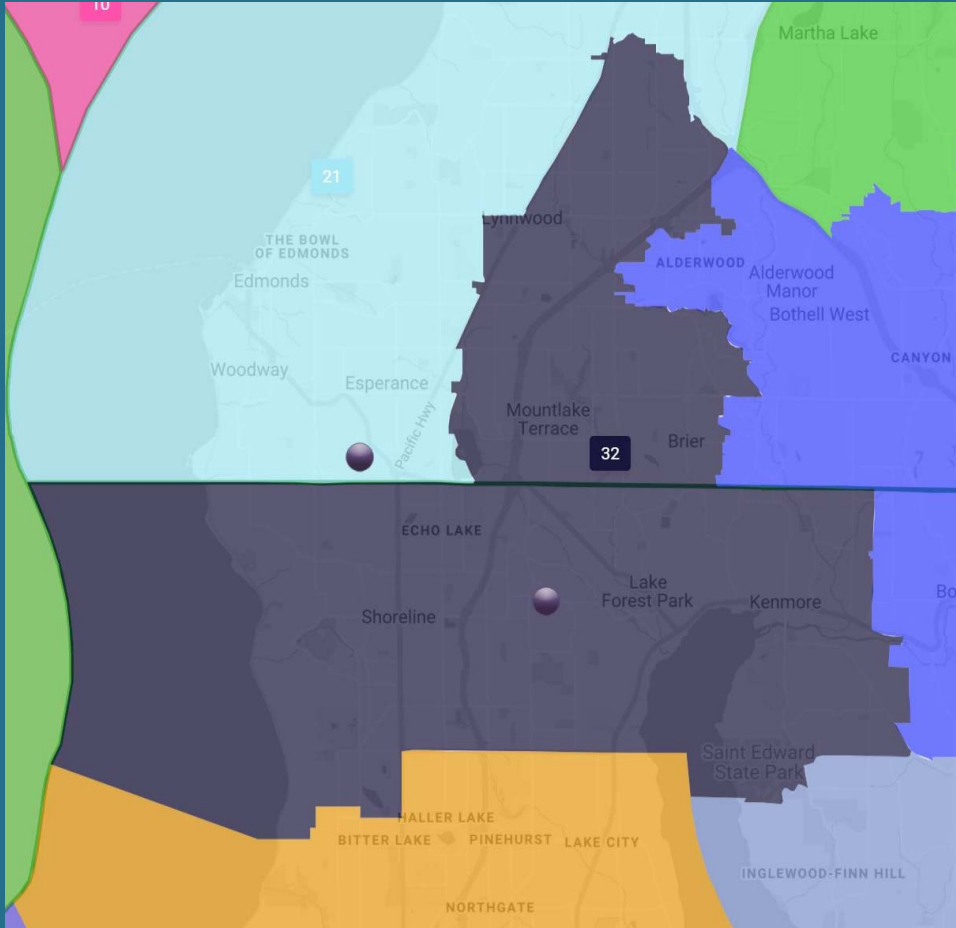
REDISTRICTING IN WASHINGTON STATE

- Redistricting occurs every 10 years, following the federal census
- Four Commissioners are appointed by caucus leadership, the fifth is chosen by the four
- Process is guided by state law
- Districts must:
 - Contain population proportionality
 - Coincide with the boundaries of local political subdivisions and areas recognized as communities of interest
 - Be convenient, contiguous and compact
 - Encourage electoral competition and not favor or discriminate against any political party or group

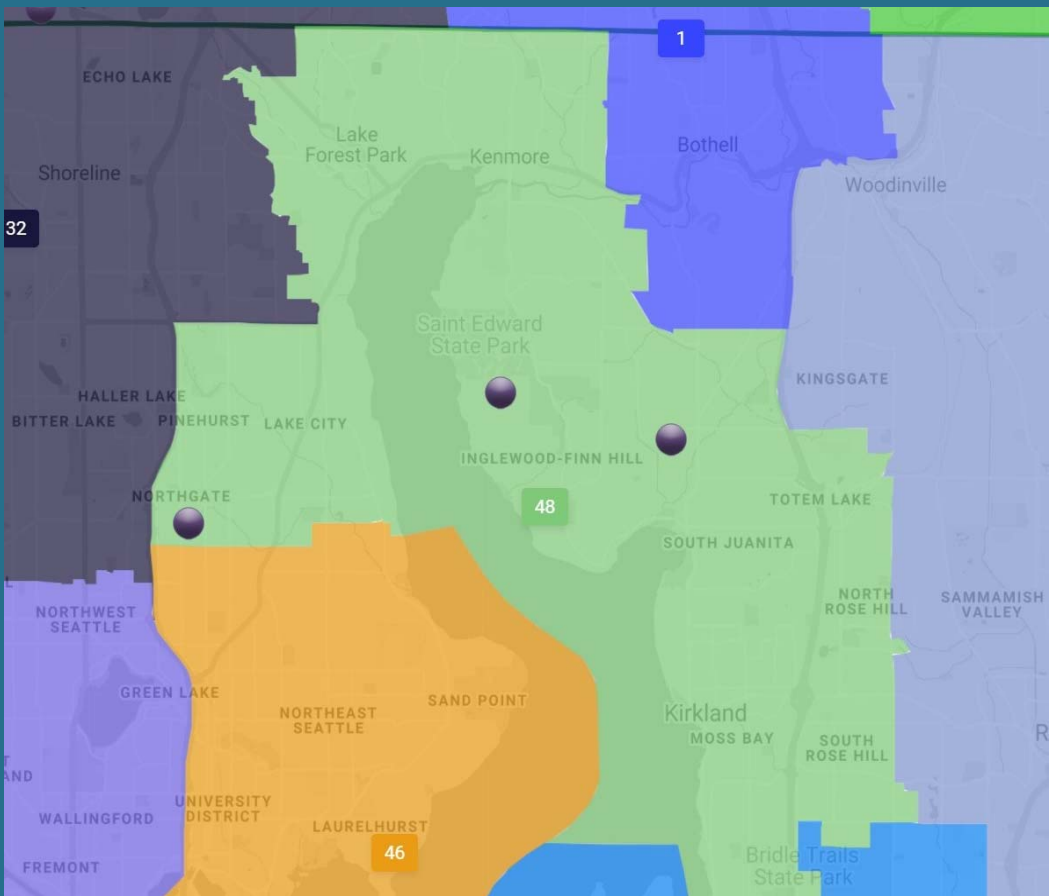
PROPOSED MAPS

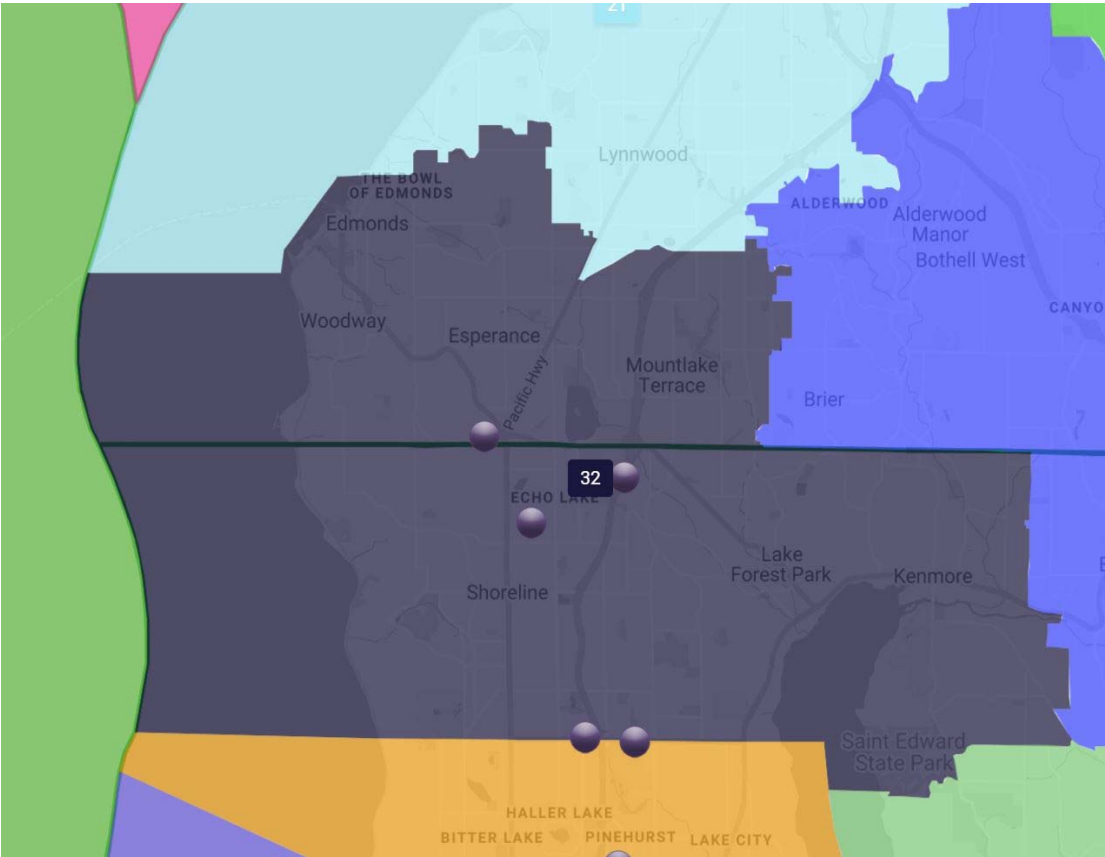
- According to US Census data, each legislative district has a population target of 157,241
- Commissioners released their proposed legislative maps on September 21st
- The City of Kenmore sent a letter to the Redistricting Commission in early September requesting to remain in the 46th LD
- The City is not in the 46th LD in any of the proposed maps

COMMISSIONER APRIL SIMS' PROPOSED MAP

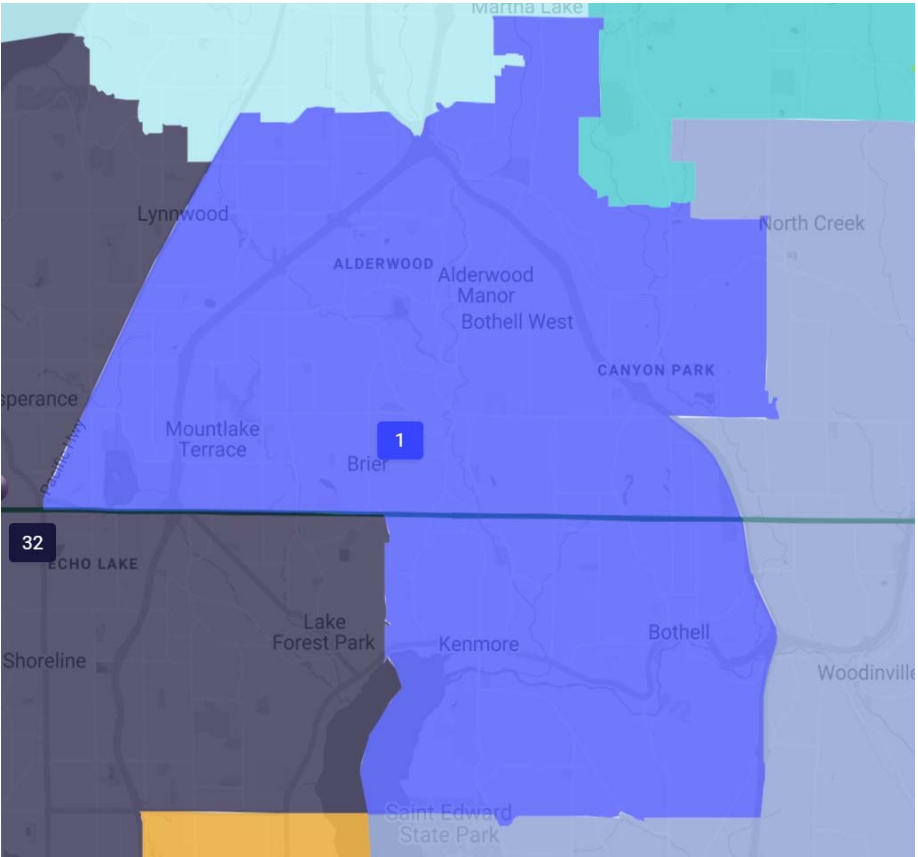


COMMISSIONER PAUL GRAVES' PROPOSED MAP





COMMISSIONER
BRADY
WALKINSHAW'S
PROPOSED MAP



COMMISSIONER JOE FAIN'S PROPOSED MAP

NEXT STEPS

- Redistricting Commission is holding 2 statewide public outreach meetings virtually
 - October 5th 7:00-10:00pm
 - October 9th 10:00 am – 1:00 pm
- Three of the four voting commissioners must agree to a final map no later than November 15th



**City Council Business Agenda Item
City of Kenmore, WA**

Subject/Topic: Amending Kenmore Municipal Code Section 12.50 to adopt the City of Kenmore 2021 Road Standards. Proposed Council Action/Motion: Adopt Ordinance 21-0531 for the 2021 Road Standards and Amendment to Chapter 12.50 of the Kenmore Municipal Code.	For Council Meeting Agenda of: 9/27/2021 Department: <u>Engineering – Public Works</u> Prepared by: <u>John Vicente, City Engineer</u> Initial & Date Approved by Department Head: <u>JFV 9/20/21</u> Approved by City Attorney: <u>VIA Email 9/19/21</u> Approved by Finance Director: <u>NA</u> Approved by City Manager: <u>RK via email 8/26/21</u> Exhibits/Attachments: 1. Exhibit A: Ordinance No. 21-0531 2. Exhibit B: Revised KMC 12.50 3. Exhibit C: Changes from 2016 Road Standards 4. Exhibit D: Draft 2021 Road Standards
<u>INFORMATION/BACKGROUND:</u> On December 14, 2015, City Council approved the City’s first directed road standards. Since its approval, staff has had over 5 years utilizing the new standards and sufficient time has elapsed where a revision to those standards is appropriate. Several changes have been made to the City of Kenmore 2016 Road Standards. While most changes have been minor (spelling, resource updates, Kenmore Municipal Code references, grammatical, formatting, etc.) there are several changes that have been proposed. Some of the major changes are: 1. Adding Access and Circulation requirements between the road and front doors 2. Simplifying design standards for roadway cross sections by consolidating various design requirements for various situations into fewer standard requirements 3. Adding new Kenmore Standard Details (replacing King County Standard Details) 4. Increased sidewalk widths to 6 feet throughout the city 5. Changes to the frontage improvement requirements including the fee in-lieu option. 6. Increasing the private road threshold 7. Adding additional traffic calming options 8. Adding plantings (trees, shrubs, groundcover) allowed in the right of way A more complete description and explanation of the changes are available in Exhibit C. The revised standards represent the best application of Council goals and Council guidance on future development and construction within the City. Staff recommends that the City Council adopt Ordinance 21-0531 for the 2021 Road Standards and Amendments to Chapter 12.50 of the Kenmore Municipal Code.	
<u>FISCAL CONSIDERATION:</u> None at this time.	
<u>COUNCIL GOAL/BUDGET OBJECTIVE BEING ADDRESSED:</u>	

I:/City Clerk/Agenda Items/Templates

Goal #6: Focus on and emphasize multimodal transportation in the City of Kenmore with a specific focus on pedestrian, bicycle, and other means of travel.

**CITY OF KENMORE
WASHINGTON
ORDINANCE NO. 21-0531**

**AN ORDINANCE OF THE CITY OF KENMORE,
WASHINGTON, AMENDING CHAPTER 12.50 OF THE
KENMORE MUNICIPAL CODE TO UPDATE AND ADOPT
NEW 2021 ROAD STANDARDS, AND ESTABLISHING AN
EFFECTIVE DATE.**

WHEREAS, the City Council adopted Ordinance 16-0428, which approved and adopted the City's 2016 Road Standards, codified at Chapter 12.50 of the Kenmore Municipal Code (KMC); and

WHEREAS, City staff has proposed the adoption of new, updated road standards to replace the 2016 Road Standards; and

WHEREAS, the City's Responsible Official under the State Environmental Policy Act issued a determination of non-significance for the proposed road standards; and

WHEREAS, the Washington State Department of Commerce was notified of the proposed amendments pursuant to RCW 36.70A.106; and

WHEREAS, on September 27, 2021, the City Council was presented with and considered the proposed road standards, titled "City of Kenmore 2021 Road Standards," together with a proposed revised Chapter 12.50 KMC; and

WHEREAS, the City Council desires to adopt the new Chapter and Road Standards;

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF KENMORE, WASHINGTON, DO ORDAIN AS FOLLOWS:

Section 1. Amendment - Chapter 12.50 of the Kenmore Municipal Code. The City Council amends Chapter 12.50, "Street Standards," of the Kenmore Municipal Code to read as set forth in Attachment A, Chapter 12.50, "Road Standards," of the Kenmore Municipal Code, attached hereto and incorporated herein by reference.

Section 2. Adoption of 2021 Road Standards. The City Council approves and adopts the "City of Kenmore 2021 Road Standards," a copy of which shall be placed on file in the office of the City Clerk.

Section 3. Effective Date. This Ordinance shall be published in the official newspaper of the City, and shall take effect and be in full force five (5) days after the date of publication.

PASSED BY THE CITY COUNCIL AT A REGULAR MEETING THEREOF ON THE
__TH DAY OF _____, 2021.

CITY OF KENMORE

David Baker, Mayor

ATTEST/AUTHENTICATED:

Anastasiya Warhol, City Clerk

Approved as to form:

Dawn Reitan, City Attorney

Filed with the City Clerk:
Passed by the City Council:
Ordinance No.:
Date of Publication:
Effective Date:

EXHIBIT B

STREET ROAD STANDARDS

Sections:

- 12.50.010 Adoption.
- 12.50.020 Terms.
- 12.50.030 Applicability.
- 12.50.040 Developments.
- 12.50.050 References.
- 12.50.060 Variances.
- 12.50.070 Appeals from decisions on variances.
- 12.50.150 Interpretation.
- 12.50.160 Penalties.
- 12.50.170 Severability.

12.50.010 Adoption.

A. The City of Kenmore ~~2016-2021~~ Road Standards (the Standards), along with all companion documents referenced in Section ~~1.021.03~~ of the Standards, are hereby approved, adopted and incorporated herein as the City of Kenmore standards for ~~street-road~~ design and construction.*

B. Consistent with the council's direction and intent in adopting the Standards, the department of ~~Public w~~Works is hereby authorized to develop public rules and make minor changes to the Standards, revisions to the appendices in the Standards, or revisions to the referenced companion documents, ~~in order~~ to better implement the ~~standards-Standards~~ and as needed to stay current with changing design, environmental, and construction technology and methods.

*Code reviser's note: The Standards and the companion documents are on file in the office of the City Clerk.

12.50.020 Terms.

A. "Standards" means the "City of Kenmore ~~2016-2021~~ Road Standards."

B. "Engineer" means the ~~public works director~~ City Engineer, having authorities specified in RCW 36.75.050 and Chapter 36.80 RCW, or his/her authorized representatives. Whereas "County" shall be replaced with "City" throughout.

C. "City Manager" means the ~~e~~City ~~m~~Manager or -designee.

D. "Projects" means any new construction or alteration, including maintenance activities, to the right-of-way or City owned property.

~~D~~E. Additional terms are defined in Section 1.01 of the Standards.

12.50.030 Applicability.

A. The Standards shall apply to all newly constructed ~~street-road~~ and right-of-way facilities, both public and private, within the City.

B. The Standards shall apply to modifications of roadway features or existing facilities, roadway widening, pedestrian facility improvements or alterations, bicycle facility improvements or alterations, road improvements for land developments, and capital improvement projects.

C. The Standards shall apply to every new placement and every planned, non-emergency replacement or repair of existing utility poles and other utility structures within the City right-of-

way. Every effort shall be made to meet the Standards during emergency replacement of existing utility poles and other structures.

D. Design detail, construction workmanship, and materials shall be in accordance with the Standards and the latest edition of the companion documents reference in Section ~~4.021.03~~ of the Standards. Design and construction shall meet the applicable standards, policies and codes, including the Standards, this Code, the City comprehensive or master plans, as well as project specific City approved geotechnical reports, traffic impact studies, ~~and/or~~ drainage reports, ~~and/or other studies~~, as determined by the ~~e~~City ~~m~~Manager.

12.50.040 Developments.

Any land development which is required by operation of any City ordinance or adopted standard to improve ~~streets-roads~~ within, abutting, or serving the development shall do so in accordance with these ~~S~~standards.

12.50.050 References.

The ~~standards-Standards~~ implement and are intended to be consistent with the references listed in Section ~~4.021.03~~ of the ~~standards~~Standards.

12.50.060 Variances.

A. A variance is required for any design or construction deviation from the Standards and shall be a Type 1 decision per Chapter 19.25 KMC.

B. A variance from these Standards may be granted by the City Manager upon evidence that the variance is in the public interest and that the requirements for safety, function, fire protection, transit needs, appearance and maintainability are fully met. The need for a variance is not assumed by the City to be evidence of an impractical or undesirable design, and variances that meet these requirements are encouraged to keep the City at the forefront of innovative design and construction.

C. Variance requests for subdivisions shall be proposed at preliminary plat stage and prior to any public hearing. All known variances requests must be reviewed by the City prior to approval of the engineering plans for construction. Variances from these ~~standards-Standards~~ which do not meet the International Fire Code, as adopted by the City, will require concurrence by the City's fire marshal.

D. Applications for Road Variances:

1. Applications for proposed variances shall be written, including graphics, studies and drawings as needed to support the request, and shall include a specific description of the proposed alternative along with supporting documentation. Documentation may include, but is not limited to, a record of successful use by other agencies, or evidence of meeting criteria for quality/safety such as AASHTO and WSDOT standards.
2. The applicant shall indicate those sections of the ~~standards-Standards~~ or this Code which are proposed for deviation.
3. Variance requests shall be on forms prescribed by the City and shall be accompanied by the variance review fee as specified in the City of Kenmore fee schedule.

E. Variances to these ~~standards-Standards~~ may also be granted by the city council through a development agreement per Chapter 18.110 KMC.

F. ~~Capital improvement p~~Projects performed by the City or its representatives need not file for a formal variance request, ~~u~~ provided that all deviations from the ~~standards~~ Standards are documented ~~during design~~.

12.50.070 Appeals from decisions on variances.

The ~~department of p~~Public w~~orks~~City Manager by rule shall establish procedures governing the administrative appeal of the ~~city~~ City m~~anager~~'s decision on a request for variance made in accordance with KMC 12.50.060. The ~~department's~~ City's decision on such appeals shall be final.

12.50.150 Interpretation.

The ~~city manager~~Engineer is authorized to interpret the ~~standards~~ Standards, provide guidelines for their implementation, promulgate rules, and to resolve conflicts or inconsistencies that may arise in their interpretation or application.

12.50.160 Penalties.

Failure to comply with the ~~standards~~ Standards may result in denial of plan or development permit approval, revocation of prior approvals, legal action for forfeiture of financial guarantee, code enforcement, and/or other penalties as provided by law.

12.50.170 Severability.

If any part of the ~~standards~~ Standards is found invalid, all other parts shall remain in effect.

EXHIBIT C

Changes to the 2016 Road Standards*

*changes listed below do not include any minor changes (spelling, resource updates, KMC references, grammatical, formatting, etc.). Refer to the 2021 Road Standards for the complete text of each change.

2021 Section & Title (2016 Section & Title)	2016 Content	2021 Content
Chapter 1 – Overview (Standards)		
1.02 (1.01) Definitions	28 definitions	Added 16 new definitions for clarity
1.03 (1.02) Companion Documents	King County Road identified as primary source for design requirements	Developed new standard details and incorporated in as primary source for design requirements
1.04 (1.03) Variances	All changes require formal variance approval process	Added flexibility for some informal approvals on changes to standards
1.04 (1.03) Variances	No reference	Added an administrative appeal process as noted in KMC 12.50.070
1.10 (1.11) Penalties and Financial Guarantees	No reference	Added that changes in development ownership requires new financial guarantees before permit is transferred to new owner.
1.11 (1.12) Changes to Road Standards	Allowed for changes but did not establish and guideline for administrative or Council approval level	Add that minor changes (grammatical, spelling, code reference changes, formatting, etc.), revisions to referenced documents, or revisions to documents in the appendix may be administratively approved and incorporated into the Road Standards. Added vestment language consistent other development permits.
Chapter 2 – General Requirements		
2.01 (1.06) Frontage Requirements	No reference	Provided exemption from frontage improvements for CIP projects and maintenance/repair activities.
2.01 (1.06) Frontage Requirements	Single family homes which reconstruct a previous SFR within 12 months was exempt from frontage improvements	Only allowing exemption for frontages on local roads
2.02 (1.07) fee in lieu	Fee in lieu option only provided to the developer	- Language added to allow the City to require fee in lieu where it best serves the public interest. - Also requires fee in lieu if an adjacent development occurs

		within 2 years of a completed CIP project. • Fee in lieu option added for overlay
2.08 (2.06) Downtown Frontage Improvements	Sidewalks are required to be 8 feet wide with amenity zone (4 feet)	Increased sidewalk width to 10 feet (4 foot amenity zone)
Chapter 4 – Construction Control and Inspection		
4.02 Inspection	Items required prior to starting critical tasks: preconstruction meeting, clearing and erosion control, curb/sidewalk placement, structural inspection.	Add: storm drainage facilities, pavement, street lights, and landscaping. Added a performance requirement for sidewalk/curb ramp finish regarding acceptability of cracking
4.06 Control of Materials		Added language regarding penalties for not providing the required testing documentation Added requirement for developers to provide documentation for source of materials used.
4.12 (11.06) Final Cleanup and Restoration	NA	Moved to difference Chapter
Chapter 5 – Private Roads, Driveway, and Parking Design (Private Streets, Driveway, Parking Design)		
5.01 General	No references	Added that all private roads, driveways, and parking lots shall be paved (asphalt or concrete) Added the requirement to of Low Impact Development practices when feasible Added that concentrated surface flows are not allowed to cross sidewalks or other walkways.
5.03 Private Roads	For single family developments (short plats), private roads only allowed for 4 lots or less	Expanded private roads to be required for dead end roads less than 500 feet long. Add requirements for potential future expansion of dead end roads based upon current land use allowances. For private road to public road conversion, language added to put all actions need to convert the road on the developer/applicant.
5.03 Private Roads	Private road design was silent on connections to public roads.	Adding requirement that connections be built similar to driveway approaches for most connections

5.04 Driveways	Depressed driveway allowance not restricted	Restricting use of depressed driveways at public roads to City Engineer approval only
5.04 Driveways	No reference for townhomes	Adding clarification for townhomes
5.04 Driveways	Property widths greater than 75 feet are allowed to have two driveways	Increasing minimum width to 100ft
5.04 Driveways	Conditions for corner lots discussed as it relates to frontages on more than one side	Added language for properties with frontages on front and back of the lot.
5.04 Driveways	Language unclear	Added pedestrian and bicycle sight distance requirements as you exit a driveway.
Chapter 6 – Road Design		
6.04 Typical Sections for Single Family Residential Access Roads	No language regarding legal recordings	Added language that including language in plat maps for future connections and possible conversion to public road.
6.04 Table 1	- Local road width = 41 - Parking allowed on one side only for arterials and local roads - No parking allowed on private roads - Only vertical curb allowed on private roads - Arterial road widths – 10 ft - Sidewalk not required on private roads - Collector road width = 48ft - General description for what would be a private road vs public	- Widened Local road widths to 46 feet - Parking removed on arterials and parking allowed on both sides of street of local road - Parking allowed as approved by the City - Allowing rolled curb on private roads - Arterial road widths – 10.5 ft - Sidewalk required on private roads with more than 10 units or roads in excess of 200 ft. - Changed collector road width to be a case by case review if no established cross section. - Added clarification as to what can be on a private road: - Dead end roads - Townhomes <50units - Multi-family sites - Industrial/commercial
6.04 Table 1 and 2	Table 1: focused on Road classification for single family developments Table 2: focused on commercial, industrial and multi-family developments	Merged the two tables into Table 1 and organized by road classifications in general. Also simplified the table to include mostly common types of development.

6.05 Typical Sections for commercial, industrial....	No distinction for townhome or public agency developments	- Added clarification for roads for townhomes - Classified non-transportation public projects as “industrial/Commercial”
6.06 Stopping sight distance	- Table provided showing distances - Section was unclear where to apply - Does not note where to take measurements - Includes language on the theory behind stopping sight distance	- Revised table to include potential speeds in Kenmore also added the standard equation for reference. - Noted that stopping sight distance applies to all road approaches except where all way stop controlled intersection - Identified where to take measures. - Removed the theory on stopping sight distance
6.07 Entering sight distance	- Table showing common design speeds - Does not identify where to apply - Does not note where to take measurements	- Revised table to include potential speeds in Kenmore also added the standard equation for reference - Added applicable locations: - Intersections with arterial roads with stop control on minor leg only - Driveway approaches to an arterial road - Approaches within a calculated distance from a signalized intersection
6.08 Horizontal curve criteria	- Table included 3 speeds - Limited flexibility on standard	- Added 12 additional speed values to the table and added the equation for reference - Added option for a Licensed PE to modify reduction in design radius
6.09 Vertical Alignment	Allowances for grades exceeded maximum for short distances	Removed the allowance and simplified standard to match Fire Department Standards (Maximum slope may not be exceeded with City and Fire Department approval)
6.10 Street Ends	Street ends did not match Fire Department standards. - Turnaround only required for roads in excess of 150 feet - Hammerheads only allowed for private roads - Cul-de-sac only required on public road - Temporary cul-de-sac applies to areas that may	- Turn arounds required for all public roads - Matched standard with Fire Department Standards: - Private roads in excess of 150ft or serve more than 6 lots require turnaround - Allowing hammerheads for joint use driveways

	serve greater than 4 lots and longer than 150 feet	- o Cul-de-sac required for private roads in excess of 300 ft - o Temporary cul-de-sac required if street has the potential to extend and become public.
6.11 Access and Circulation	New section	• Roads serving more than 50 lots/units must connect to a road with similar capacity as new road • Secondary access required if feasible • Front door access to single family residences shall be taken from the highest classification public road when feasible.
6.12 (6.11) Traffic calming devices	Allows for: • Speed humps • Chicanes • Traffic circles • Speed tables • General allowance for RRFB, refuge islands, curb extensions, pinch points	Added the following: • Pinch points were added to chicanes. Pinch points are made by way of on street parking, curb extensions, pavement markings/devices, and other delineations as approved • Mini-roundabouts • RRFB – expanded on requirements • Mid-block crossings • Adding option for other alternative devices at the approval of the City Engineer.
Chapter 7 – Intersection Design		
7.03 Design Vehicles	No references to trucks or buses in regards to intersection design	Added established truck and bus route accommodation and locations
7.07 Pedestrian Treatments	• Marked crosswalks noted for all new stop controlled intersections for arterials and collectors. • Pedestrian lighting requirements not established	• Restricted marked crosswalks to signalized intersections, pedestrian hybrid beacons, and crossings with flashing beacons. • Adding pedestrian lighting requirement for all marked crosswalks
7.09 Bicycle Accommodations	Bike boxes are required	Removing the requirements
Chapter 8 – Roadside Features		
8.01 Sidewalks	• Minimum clearance width is 4 feet	• Changed minimum clearance to 6 feet unless otherwise approved

	- No options noted for elevation differences - No discussion for noncompliance with ADA Guidelines	- Added option for either walls or integral concrete improvements - Provided framework for requesting approval of non-compliant ADA features
8.02 Curb and gutter	- Rolled curb only allowed where it replaces existing - Extruded curb not allowed unless approved by City	- Expanding rolled curb allowance for traffic calming, private road, alternative road design - Extruded curb allowance added for maintenance purposes - Adding curb bulb requirement at local road intersections
8.05 Curb ramps	- Overlays and most surface treatments noted as requiring curb ramp upgrades - No discussion for noncompliance with ADA Guidelines	- Clarified the requirement for curb ramp upgrades to include trench cuts and microsealing which impacts the crossing, altering the location or the adding of a marked crosswalk, and where existing ramp has a trip hazard. - Provided framework for requesting approval of non-compliant ADA features - Added specifics on how to measure curb ramps for compliance. - Added curb ramp design detail requirements
8.07 Shoulders	No restrictions on parking	Restricting parking on grass, topsoil, or vegetated shoulders
8.08 Bicycle facilities	5 foot bike lane/no buffer required	Adding 2-foot buffer requirement to bike lanes
8.10 Amenity zone		Adding that amenity zones may be concrete or landscaped.
8.11 Illumination	Lighting design to be done by Puget Sound Energy – no details provided for how the design should be done	Added clarification for lighting design and referenced IES lighting design standards
8.12 Landscaping	- No tree or plant specifications - Limited restrictions on tree species and planting	- Added approved shrubs, groundcover, and trees - Added requirements to consider when planting trees - Adding allowances for trees planted at back of sidewalk - Adding requirement for drought tolerant species
8.13 Mailboxes		Adding requirement to new developments to consolidate mailboxes to secure mailbox units.

		Adding requirement that mailboxes are to be maintained by private property owners
8.14 Cut and fill slopes	Side slope minimum 2H:1V	Changed to 4H:1V with provisions noted for steeper slopes
8.16 sidewalk side slopes (Vertical Drops)	Slopes steeper than 2H:1V required specific mitigation based upon the vertical drop height	Provisions add for slopes 4H:1V or flatter, for slopes between 4H:1V and 2H:1V, and for slopes steeper than 2H:1V
8.17 Road signs	New section	Established requirements for road signage
8.18 Survey monuments	New section	Added requirement to provide survey monuments at all new intersections and provided details on where and how to install.
Chapter 9 – Surface Treatments		
9.02 (9.03) Arterial, Collector and Industrial/commercial Roads	No minimum loading requirement set for emergency vehicles	Added 75K minimum loading requirement per Fire Department standards
9.03 (9.02) Requirements for roads with poor subgrade	Unacceptable subgrade requires sampling, testing and a new pavement design section. Applied only to local roads.	Included this requirement for all roads. Added the option to use cement treated soil to amend subgrade soils.
9.04 Road widening	Does not specify where sawcuts are allowed	Sawcutting should be done along lane edges or center of road/lane
9.05 Overlays		Added requirement to provide temporary striping when directed and to maintain until permanent markings are installed.
9.06 Materials and lay-down procedures		- Added requirement that lifts be done in 12 inches or less for asphalt pavement - Adding allowance for visual inspection - Adding compaction testing and reporting and submittal requirements - Adding restrictions to placing asphalt in cold weather
9.07 Asphalt surfacing repairs	Asphalt repairs required/allowed for holes/gouges exceeding 1 inch in depth – 3-foot perimeter repair area	- Holes/gouges 1-2 inches in depth require a 2-foot perimeter repair - Holes/gouges greater than 2 inches in depth require a 3-foot perimeter repair area. - Set requirement for 2-inch maximum lift

9.08 Pavement markings, markers and pavement tapers	• Tapers: Type 2 markers 10-feet on center at 10:1 taper required for widening less than 300 feet in length • Crosswalks installed at signals and as approved elsewhere	• Added requirement to provide temporary marks delineating existing marking prior to removing markings • Tapers: alternating type 1 and 2 markers 5-feet on center at 25:1 with 12-inch tubular marker at far end. No widening width threshold. • Crosswalk installed at signals, flashing beacons, and as approved elsewhere • Added provision for green (bike) pavement markings
9.09 Curb painting	New section	• Curb painting allowed as follows: - o Loading/unload area - o 5 feet either side of driveway - o ADA parking • Painting not required but may be requested by resident/business owner • All curb painting installation and maintenance responsibly of the resident/business owner • Curb painting for fire department use required on private roads and driveways
Chapter 10 - Drainage		
10.01 General		Added through sidewalk drainage is not permitted Added references to section 7.05 and 11.04
10.02 Road ditches		Allowed filling of ditches for CIP or maintenance projects
10.03 Storm sewers and culverts		Added pipe cover requirements for existing pipe. Added requirement that all new storm sewer pipe including existing pipes connected to new basins must be video tape inspected.
10.08 Low impact development	New section	Added requirements for low impact development per the surface water design manual
Chapter 11 - Utilities		

11.01 General (Franchising policy and permit procedures)	Underground of utilities only required for new developments	- Expanded on and added clarification for when utilities must be underground. Added utility companies to the undergrounding requirement - Added allowance for utility agreement in lieu of permits for CIP projects - Added requirement to preserve street trees, to not damage, and to maintain aesthetic quality - Added requirement that utilities are responsible for surveying in their relocations as it relates to CIP projects.
11.02 Utility locates	New section	- Utilities responsible for locating their utilities including depth - Required that utility locate markings on sidewalks, curb ramps, and other non-roadway areas shall be removed within 10 calendar days of work completion
11.03 (11.02) Standard locations within the right-of-way	- Gas and water: back of curb or in shoulder - Sewer: 5 feet off of roadway centerline - Electrical, phone, cable, fiber: location not specified	- Gas and water: 3-7 feet off or roadway centerline - Sewer: no more than 3 feet off of roadway centerline - Electrical, phone, cable, fiber: minimum 2 feet from edge of travel way or curb line - Added that utilities shall consolidate onto single poles
11.04 (11.03) Underground installations	- Backfill requirement of maximum 6-inch lifts - Centerline, if not striped, shall be at crown line or as determined by City	- Increasing requirement of maximum backfill to 12 inch lifts - Centerline, if not striped, shall be crown. Where superelevation exists, centerline may be at center of paved road. - Adding allowance of gravel borrow material below 4 feet depth. - Adding requirements for pipe zone bedding material - Adding requirement to install locator tape - Adding restoration requirements for potholes larger than 6 inches in width

		Added requirement that all work to be tested per section 4.06
11.06 Final adjustments		Adding allowance for paper joints at utility covers
11.07 Microtrenching	New	Adding allowance for microtrenching for dry utilities.
Appendices		
Appendix A Road Classifications	New	Added figure showing road classifications and truck routes
Appendix B (A) Road Sections	68th Ave NE - Cross sections from 185th and north includes 202nd St - Lane widths 11 ft - Bike lane 5 ft. only buffer between 181st and 185th - Parking not shown between 181st-185th 61st Ave NE - Same cross section 181st-205th 11 ft travel lane with 12ft center turn lane/left turn lane - No sidewalk on west side of road - Bike lanes no buffer 80th Ave NE - Cross section SR522 to 205th - Travel lanes 11 ft 73rd Ave NE - Cross section 181st to 205th 11 ft travel lanes NE 155th/153rd St Simonds Rd/NE 170th 11 ft lanes - Same cross section entire length	68th Ave NE - Added cross section between SR522 and 181st to match existing - Lane width 10 ft - Added existing parking lane 5ft bike lane with 2 ft buffer 185th and north 61st Ave NE - Cross section between 181st – 184th to match existing 184th -190th, removed center lane, pushing lane/sidewalk west to provide stream buffer 190th to north end, added sidewalk to west side and bike lane buffers - Travel lanes 10 ft 80th Ave NE - Cross section SR 522 to 193rd and 198th to 205th 10 ft travel lanes - Cross section 193rd pl to 198th St 10 ft travel lanes - Added 27 ft stream buffer 73rd Ave NE - Cross section SR522 to 181st 10 ft travel lanes NE 155th/153rd St (no changes) Simonds Rd/NE 170th 10½ ft lanes - Cross sections split to match existing - Simonds 92nd to 75th - Simonds 155th and 151st intersections

	Juanita Dr NE • 10 ft travel lanes • Same cross section entire length NE 192nd St • Bike lanes with no buffer • 11 ft travel lane NE 181st St • Cross sections for 61st to 65th - o bike lanes - o no on street parking - o 11 ft travel lane - o 8 foot sidewalk with tree wells • Cross section for 65th to 73rd - o On street parking - o 8 foot sidewalk with tree wells - o 13ft shared use lane 84th Ave NE • Bike lane no buffer NE 193rd St • Bike lane no buffer NE 203rd Ave • Bike lane no buffer	- o NE 170th 75th to 72nd - o NE 170th 72nd to 68th Juanita Dr NE • 10½ ft travel lanes • Cross sections split to match existing - o 143rd to 158th - o 158th to 170th - o 170th intersection NE 192nd St • Bike lanes with 2 foot buffer • 10 ft travel lane NE 181st St • Cross section for 61st – 73rd - o 8 ft parking lane - o 10 foot shared use lane - o 6 foot sidewalk with 4 foot amenity zone 84th Ave NE • Bike lane with 2-foot buffer NE 193rd St • Bike lane with 2-foot buffer NE 203rd St • Bike lane with 2-foot buffer
Appendix C Street Tree List	Previous list identified several trees, many not suited for the right of way and set no guideline for what tree could go where. Tree list last approved in 2004.	List of allowed trees in the right of way and what trees can go where.
Appendix D Standard Plan Notes	New	Added requirements for what notes should be included in all development plans
Appendix E (B)	5 standard details	Added 42 additional details
Appendix F Addendum to King County Surface Water Design Manual	Document separated from road standards	Including into the Road Standards. Changes: • Removed use of metal pipe except ductile iron • Allowance for using landscaped amenity strip for infiltration of sidewalk runoff.

		Modified the restricted footprint section of C2.9.2 to allow more flexibility for multi-family and townhome developments.
Appendix G Traffic Impact Analysis Guidelines	Document separated from road standards	Including into the Road Standards



CITY OF KENMORE

2021 ROAD STANDARDS

DRAFT

VERSION: 2021.01
DATE: SEPTEMBER 27, 2021

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Introduction

The City of Kenmore strives to create a safe and efficient network of multi-modal transportation throughout the City which serves the needs of its residents and businesses. The City seeks to balance the needs of pedestrians, bicyclists, transit users, freight vehicles, emergency services, and drivers of personal vehicles to create a vibrant and mobile community. The City is conscious of long-term maintenance needs and must pair future development with a sustainable maintenance program for public improvements. The City seeks to develop in a manner which provides comfort and aesthetic value to our community while also maintaining a safe and efficient transportation network. The standards provided in the following document, along with the companion documents listed within these Road Standards, are intended to ensure that future improvements are planned, designed, constructed, and maintained in a manner which best meets these City goals and best serves the needs of our community.

The City's permitting and licensing activities require the adoption of specific identifiable standards to guide private individuals and private/public entities in the administrative process of procuring the necessary City approval. The City recognizes the need to retain the flexibility to carry out its general duty to provide facilities, walkways, roads, and highways for the diverse and changing needs of the traveling public. These Road Standards are not intended to represent the legal standard by which the City's duty to the traveling public is to be measured, but a standard of design which is flexible to context-sensitive solutions where reasonable and expected care for the safety and mobility of the traveling public can be provided.

Chapter 1: Overview

1.01 Introduction

These City of Kenmore Road Standards, hereafter known as “Standards”, are intended to support the City of Kenmore’s goals for providing adequate facilities for development and growth in an efficient and effective manner, complying with storm water management regulations and preserving environmental and cultural resources while balancing these goals with the general safety and mobility needs of the traveling public.

These Standards cannot provide for all situations. They are intended to assist, but not to substitute for, competent work by design professionals. It is expected that land surveyors, engineers, architects, and Contractors will bring to each project the best of skills from their respective area of expertise. These Standards are not intended to limit unreasonably any innovative or creative design efforts or the design of lower impact development alternatives that could result in an equivalent or improved level of safety, mobility, quality, and maintainability. Environmental, topographical, and safety constraints as well and existing infrastructure may require more intense or rigorous design parameters than would be otherwise required. However, any proposed departure from the Standards will be evaluated on whether such variance will produce a compensating or comparable result that is safe and adequate.

Where errors, omissions, or conflicts occur, the City Engineer shall provide specific interpretation and guidance which may determine that administrative corrections, additional clarifications, or supplemental information to this document are needed. Any written interpretations, corrections, clarifications, or supplemental information shall be incorporated and considered a part of this document.

1.02 Definitions, Acronyms, and Abbreviations

The definitions of term within the Standards shall generally be the same as those listed in the Kenmore Municipal Code except as noted below. Definitions of terms within companion documents shall be as defined within the specific documents being referenced unless otherwise noted herein.

- A. **AASHTO** - [American Association of State Highway and Transportation Officials](#)
- B. **ADA** – [Americans with Disabilities Act](#)
- C. **ADA Standard Guidelines** – For construction or alterations of roadways and sidewalks within the public right-of-way and/or public easements, ADA Standard Guidelines shall be the *Public Rights-of-Way Accessibility Guidelines* (PROWAG) published by the [United States Access Board](#). For construction or alterations on private property and private roadways, ADA Standard Guidelines shall be the most recent edition of the *Americans with Disabilities Act Accessibility Guidelines (ADAAG)* published by the United States Access Board.
- D. **Amenity Zone** – Strip of area between the back of curb and sidewalk which provides a buffer between pedestrians and vehicles and allows room for roadside features to be installed without obstructing accessible routes. Roadside features, such as landscaping, street lights, hydrants, mailboxes, street signage and other above ground elements may be contained within amenity zones.
- E. **Applicant** – Shall be any person or company who files an application for a permit from the City of Kenmore and who is either the owner of the land on which that proposed activity would be located, a contract purchaser, a utility company, or the authorized agent of such a person and shall include any such person who performs work which requires, or required, a permit from the City of Kenmore regardless of whether the permit was actually filed.
- F. **CIP** – The City of Kenmore’s Capital Improvement Program

- G. **City Engineer**– Shall mean the City of Kenmore City Engineer or designee.
- H. **Contract** – As identified in the WSDOT Standard Specifications, shall be interchangeable with “Permit”.
- I. **Contracting Agency**: Within the WSDOT Standard Specifications, “Contracting Agency” shall be replaced with “The City of Kenmore”.
- J. **Contractor** – For all non-City work, shall be interchangeable with “Applicant” within these Standards. For City work, the Contractor shall be the person or entity contracted directly with the City for construction of improvements or maintenance, or its designee.
- K. **Developer** – Shall be interchangeable with “Applicant” within these Standards.
- L. **Development** – Means any activity upon public and private land and the right-of-way consisting of construction or alteration of structures, earth movement, dredging, dumping, grading, filling, mining, removal of any sand, gravel, or minerals, driving of piles, drilling operations, bulkheading, clearing of vegetation, placing concrete, paving, pavement markings, trenching or other land disturbance. Development includes the storage or use of equipment or materials inconsistent with the existing use. Development also includes approvals issued by the City that bind land to specific patterns of use, including, but not limited to, subdivisions, short subdivisions, zone changes, conditional use permits, and binding site plans. Development does not include the following activities: 1) Interior building improvements; 2) exterior structure maintenance and restoration activities (including painting and roofing); 3) Routine landscape maintenance of established landscaping, such as lawn mowing, pruning and weeding, including replacement of existing plants; 4) routine maintenance of public facilities located within a road; or 5) maintenance of the following existing facilities that does not expand the affected area: septic tanks (routine cleaning), wells, individual utility service connections on private property, and individual cemetery plots in established and approved cemeteries.
- M. **Development Engineer**–As defined in KMC 17.10
- N. **DOE** – [Washington State Department of Ecology](#)
- O. **Driveway** – Onsite parking space for single family and townhome residential structures and on-site access roads to parking lots on private property.
- P. **Driveway Approach** – Access point from any road to a driveway, garage, carport, private road, or alleyway, typically from the roadway to the back of sidewalk (right-of-way/tract line if no sidewalk).
- Q. **FHWA** – United States Department of Transportation Federal Highway Administration
- R. **Groundwater** – Water in a saturated zone or stratum beneath the land surface or a surface waterbody. Groundwater may also be flow which moves laterally beneath the visible surface of an area and which may or may not eventually spring to the surface to create a new source of surface water.
- S. **HMA** – Hot Mixed Asphalt
- T. **IES** – Illuminating Engineering Society of North America
- U. **Inspector** – Unless otherwise noted, shall be the City of Kenmore staff or designee(s) assigned to observe construction and authorized as noted in Chapter 4 to approve and/or reject work under these Standards.
- V. **KCRS** – [King County Road Design and Construction Standards](#)
- W. **KMC** – [Kenmore Municipal Code](#)
- X. **KSD** - City of Kenmore Standard Details
- Y. **Licensed PE (xxx)** - Professional civil engineer licensed in the State of Washington. (xxx) represents any specific license other than general Civil Engineering.

- Z. **Low Impact Development (LID)** - Shall mean stormwater and land use management strategy that strives to mimic predisturbance hydrologic processes of infiltration, filtration, storage, evaporation and transpiration by emphasizing conservation, use of on-site natural features, site planning, and distributed stormwater management practices that are integrated into a project design. Other common names for "LID" are "green stormwater infrastructure" or "natural drainage systems."
- AA. **Multi-Family** – Shall mean apartments, mobile home parks, and condominiums
- BB. **MUTCD** - [Manual on Uniform Traffic Control Devices](#)
- CC. **NACTO** - [National Association of City Transportation Officials](#)
- DD. **Off-Site**– Shall mean any area not within the public right-of-way or public easement.
- EE. **Project Frontage/Frontage** – Shall mean all areas within the public right-of-way (developed or otherwise) that are directly adjacent to a given parcel extending out to the centerline of the right-of-way as required by these Standards.
- FF. **RCW** – [Revised Code of Washington](#)
- GG. **Right-of-Way** – Areas dedicated for the use of public travel and other secondary road purposes such as utilities. Permanent easements and tracts dedicated for public use and other secondary road purposes shall be considered as "right-of-way". Right-of-way boundaries are generally defined by adjacent private property lines except where easements are in place.
- HH. **Road** – Public: The full width of the right-of-way boundary lines including permanent easements obtained for public use (same as Highway as defined by RCW 46.04.197 and City Street as defined in 36.75.010). Private: The full width of the tract boundary including any permanent easements for public or utility use. Roads shall include all roadways, walkways, utilities, landscaping, unimproved areas and surrounding improvements in support of said roadways, walkways and utilities.
- II. **Roadway** – Shall mean all asphalt/concrete/gravel improvements designated for vehicular traffic. Improvements shall include subsurface backfill, pavement markings and other markings, shoulders, bike lanes, edgework (such as slopes, walls, and barriers meant to support the roadway), guardrails, street lighting, curb and gutter (when not installed for sidewalk purposes), crosswalks, medians (including pavement/pavers, landscaping, and other aesthetic improvements), and traffic calming devices.
- JJ. **Sharrow (Shared Lane Marking)** – A pavement marking within a vehicle travel way which alerts drivers to expect shared lane use with bicycles and serves as bicycle facility wayfinding and position guidance for bicyclists; typically depicted by a bicycle and two chevrons or arrows pointing in the direction of travel.
- KK. **Shoulder** – The paved or gravel area between the edge of travel lane (including bike lane, if applicable) and the curb or right-of-way line where no curb exists.
- LL. **Sidewalk** – Shall mean a formal pedestrian path which is elevated above, or separated from the vehicle travel way, except where otherwise noted. Sidewalk shall also include curb ramps, transition ramps, curb and gutter (when installed for sidewalk purposes), pedestrian lighting, and any other feature necessary to comply with the ADA when not addressed specifically.
- MM. **Single Family** – Same as Single Detached Dwelling Unit per KMC 18.20.840 (a detached building containing one dwelling unit or an adult family home)
- NN. **Standards** – Shall mean the requirements listed in this document or within the companion documents listed below, or any portion thereof.
- OO. **Street** – Same as Road
- PP. **Street End (Dead-End)**- Any roadway that has a single connection point to a public roadway without a circulation pattern that requires a cul-de-sac or hammerhead.

- QQ. **Stormwater** – Shall mean the water produced during precipitation or snowmelt, which runs off, soaks into the ground, or is dissipated through evapotranspiration. Stormwater that runs off or soaks into the ground ultimately becomes surface water or groundwater.
- RR. **Surface Water** – Shall mean water flowing on the surface of any area as a direct result of rainfall on or adjacent to the area; for the sake of these Standards, ground water that has not broken the surface shall not be considered as surface water.
- SS. **Townhouse/Townhome** – Same as KMC 18.20.835 (A one-family, ground-related dwelling attached to one or more such units or to a nonresidential use in which each unit has its own exterior, ground-level access to the outside, no unit is located over another unit, and each unit is separated from any other unit by one or more vertical common walls).
- TT. **Traffic** – The movement of vehicles, pedestrians, bicycles and other modes of transport.
- UU. **Undeveloped Property or Undeveloped Parcel** - Shall be any parcel which has not been subdivided to the maximum potential per the minimum lots size permitted in KMC, or which is zoned to permit a single family residential, commercial, townhome, or multi-family structure which has not been constructed, or any parcel without any structures or utilities.
- VV. **Utility** – Shall mean storm drainage, power, gas, telecommunication, fiber optic, cable, water, and sewer systems.
- WW. **WAC** – [Washington Administrative Code](#)
- XX. **Walkway** – Shall mean any surface, path, or route which is regularly used by pedestrians; walkways may include sidewalks, paved and un-paved trails, worn foot trails, boardwalks, and paved and unpaved shoulders. Existing walkways may include facilities in which the vehicles and pedestrians utilize the same travel way.
- YY. **WDFW** – [Washington State Department of Fish & Wildlife](#)
- ZZ. **WSDOT** – [Washington State Department of Transportation](#)

1.03 Companion Documents

These Standards reference additional documents for specific information on details, materials, and construction guidance and may be utilized when standards of other design criteria are not specifically addressed in this document. The following documents shall be incorporated by reference; future updates to the referenced documents shall be incorporated into these Standards upon the effective date of said documents without need for further action. Where updates to referenced information causes the references to become obsolete or no longer reference the intended information, the City Engineer shall be authorized to interpret the intent of the updated reference or determine the most appropriate reference to use. The documents are listed in descending order of precedent for each section (A-D). Bullet 1 will take precedence over bullet 2, bullet 2 will take precedence over bullet 3, etc.

- A. Transportation Design Standards
 - 1. *City of Kenmore Standard Details (KSD)*, current edition
 - 2. United States Access Board *ADA Accessibility Standards and Public Rights-of-Way Accessibility Guidelines 2011*
 - 3. *King County Department of Transportation Road Design and Construction Standards (KCRS)*, current edition
 - 4. *Northshore Fire Department Standards, Chapter 2.00 Access and Addressing*, current edition

5. *Urban Street Design Guide*, National Association of City Transportation Officials (NACTO), current edition
 6. *WSDOT Standard Specifications for Road, Bridge, and Municipal Construction* (herein referred to as 'WSDOT Standard Specifications'), current edition
 7. *WSDOT Standard Plans*, current edition
 8. *AASHTO Policy on Geometric Design of Highways and Streets* (herein reference as AASHTO), current edition
 9. *WSDOT Design Manual*, current edition
- B. Surface Water Design Standards
1. *City of Kenmore Standard Details* (KSD), current edition
 2. *King County Surface Water Design Manual* (SWDM)
 3. *WA State Department of Ecology Stormwater Management Manual for Western Washington*, current edition
 4. *WSDOT Highway Runoff Manual*, M31-16.01, current edition
 5. *Low Impact Development Technical Guidance Manual for Puget Sound*, current edition
- C. Traffic Control Design Standards:
1. *FHWA Manual on Uniform Traffic Control Devices* (MUTCD), current edition
- D. Construction Specifications:
1. Project specific specifications (for City Projects only)
 2. *City of Kenmore Standard Details* (KSD), current edition
 3. *WSDOT Standard Specifications for Road, Bridge, and Municipal Construction* (herein referred to as 'WSDOT Standard Specifications'), current edition
 4. *King County Road Design and Construction Standards* (herein referred to as KCRS), current version
 5. *King County Regulations for Accommodations of Utilities on County Road Rights-of-way*, current edition

1.04 Variances

Variances from these Standards may be granted per the procedures outlined in KMC 12.50.060.

Variances may be administratively appealed. Appeals on a variance decision shall be received by the City no later than 30-days after the decision or within 30-days of an official public noticing as part of a SEPA or Land Use decision (if applicable), whichever is later. Appeals received after this time shall not be considered. To be considered, appeals must contain the following information:

- Project name and location
- Variance number and description
- Statement of reconsideration
- Justification for reconsideration
- Supporting documentation
- Contact information

Completed appeal packets will be reviewed by the City Engineer. Decisions made on appeals will be final; no other appeals will be accepted.

CIP projects are exempt from the formal variance process. Variance approvals by the City Engineer shall be in writing or via signature on the City's plan set.

If a Standard requirement is immediately followed by "unless otherwise approved by the City Engineer", an informal approval process is acceptable; no formal road variance is required.

1.05 Applicability

These Standards shall be applicable to all developments, new construction and alterations, as outlined in KMC 12.50.030.

1.06 Authority and Duty of Inspectors

The City may designate inspectors to inspect all materials used and all work performed. Such inspection may extend to any or all parts of the work and to the preparation and/or manufacture of the materials to be used. All roadway, sidewalk, and utility infrastructures must be inspected. Paving and concrete operations and road backfills shall not commence until material testing has been completed. Subsequent lifts of material shall not commence until density tests confirm that the compaction is in accordance with the specifications.

- A. The inspector will not be authorized to revise, alter, or relax the provisions of these Standards without prior approval by the City Engineer.
- B. The inspector has the authority to reject defective material and/or reject/suspend work that is not in conformance with these Standards or any approved permit or variance.
- C. The inspector may advise the Applicant or Contractor of any faulty work or materials at any time; however, failure of the inspector to advise the Applicant or Contractor does not constitute acceptance or approval.
- D. The inspector has the authority to require revisions to approved engineering plans within the dictates of these Standards when necessary due to conflicting field conditions.
- E. Unless otherwise addressed in a contract directly between the Contractor and the City of Kenmore, the City accepts no responsibility for costs, delays, or loss of profits incurred by the Developer, Contractor, or any of their representatives, as a result of improper work, improper materials, conflicting field conditions, or any direction provided by the City inspector which is consistent with these Standards. It shall be the responsibility of the Contractor to verify all field conditions and all information provided, including information provided by the City, prior to beginning construction.

1.07 Cultural Resources

All impacts to any cultural resources shall be avoided to the maximum extent feasible. For projects sites which are, or contain, an archaeological or cultural resource as defined in [RCW 27.53](#), shall follow the rules and procedures prescribed by the state and shall obtain a permit as required per [RCW 27.53.060](#). If archaeological or cultural resources are discovered, all work on the site shall be suspended until evidence of the required permits are provided to the City or until alternative direction is provided in writing to the City from the proper state agency.

1.08 Permits

Permits issued by the City of Kenmore are required for all improvements, alterations, or maintenance within the public right-of-way and as required by KMC Title 20 unless otherwise noted within these Standards.

- A. It is the responsibility of the Developer/Contractor to verify from the City which permits are required for any given project.

- B. Other permits in environmentally sensitive areas and/or buffers may be required from other agencies. It is the responsibility of the Developer/Contractor to determine what, if any, other permits are required. All other permits obtained shall be provided to the City for review.
- C. City of Kenmore Capital Improvement Projects within the right-of-way are exempt from obtaining City permits (e.g. Engineering, Right of Way, etc.). This does not exempt projects from SEPA or other Land Use applications. Any work performed on property outside of the right-of-way (excluding permanent easements) shall require review by the Development Services Department to determine if additional City permits are required.

1.09 Engineering Plans, Final Corrected Plans, and Final Plat Plans

Engineering plans for private development proposals shall be prepared and submitted to the City. The engineering plans shall be prepared by a Licensed PE and must be signed and stamped by the responsible professional engineer prior to issuing any permit.

- A. Engineering Plan Requirements:
 - 1. The engineering plans for surface water design shall generally comply with Chapter 2 of SWDM, including minimum plan size, minimum scale, vertical and horizontal datum, and general content. The City may require supplemental plan elements in addition to those listed in SWDM.
 - 2. Engineering plans for roadway and site design shall contain all necessary information to determine what is proposed including a vicinity map, 1:30 or 1:20 scale (full size), vertical (NAVD88) and horizontal (NAD83/91) datum, designer name and address, project address, project name, and City provided project number. The follow plans sheets are required as applicable (work may be combined onto single sheets if clear and easily read):
 - i. Cover Page
 - ii. Existing Site conditions (including utilities)
 - iii. TESC Plan
 - iv. Grading Plan
 - v. Drainage Plan
 - vi. Structural sheets (if applicable)
 - vii. Utility Plan
 - viii. Traffic Control Plan
 - ix. Civil (paving, sidewalk, curb, gutter, etc.) Plan
 - x. Landscaping Plan
 - xi. Channelization Plan
 - xii. Associated cross sections
 - 3. All engineering plans shall incorporate the City's Standard Plan Notes in the appendix as amended and approved by the Development Engineer.
- B. Waiver of Plan Requirements: Subject to review, the City Engineer may waive plan requirements, wholly or in part, based on the following criteria:
 - 1. No more than 2,000 square feet will be cleared and graded; and
 - 2. The work will not intercept a stream, wetland, or sensitive area buffer, or otherwise impact sensitive areas and natural surface drainage as set forth in KMC Title 18; and
 - 3. Work will not impact the storm drainage system; and

4. Plans do not include a retention/detention facility; and
 5. Kenmore standard drawings, submitted with required permits, are sufficient to describe the improvement to be constructed; and
 6. No more than 500 square feet of new impervious surfacing will be added; and
 7. No new sidewalks.
- C. Record Drawings:
1. Record drawings, or as-built drawings, for archiving shall be required prior to final construction approval for all projects which include improvements within the public right-of-way or improvements that will be maintained or routinely inspected by the City.
 2. Record drawings shall include as-built information for all improvements within the public right-of-way or improvements that will be maintained or routinely inspected by the City and shall be of similar detail as the original design plans.
 3. Record drawings shall measure and document all elevations, slopes, and dimensions associated with all new sidewalks including all ADA facilities. Any portion of the sidewalk or facilities which does not meet ADA requirements shall be removed and replaced with a compliant feature unless justified in Maximum Extent Feasible/Practical (MEF) documentation provided by the Applicant. The MEF documentation must be prepared and stamped by a Licensed PE and must be approved by the City Engineer.
 4. Record drawings shall be reviewed and approved by the City prior to final submittal. Review sets shall be submitted electronically.
 5. Final submittal of the record drawings shall be submitted electronically in AutoCAD format (version 2016) and in pdf format unless otherwise approved by the City Engineer.
- D. Maintenance Plans: Maintenance plans may be required for specialized features. Engineering plans shall be reviewed to ensure that all road elements proposed for public maintenance will be maintainable by the City.
1. For purposes of public maintenance, a maximum reach of 16 feet by a backhoe type bucket shall be assumed.
 2. For the purposes of public maintenance, a maximum boom reach of 18 feet, measured horizontally from the nearest edge of the access road, for a hydraulic vactor truck shall be assumed.

1.10 Errors and Omissions

At the discretion of the City Engineer, any errors or omissions in the approved plans or information used as a basis for such approvals may constitute grounds for withdrawal of the approvals and/or stoppage of any or all permitted work. It shall be the responsibility of the Applicant, Developer, or Contractor to show cause for why such work should continue and make such changes in plans that may be required by the City Engineer before the plans are re-approved.

It is the responsibility of the Applicant to verify property and right-of-way lines and the location of utilities prior to and during construction. Under no circumstances is the City responsible for verification of property lines or utilities. Approval of installed improvements does not guarantee that the improvements are installed on the property permitted or that utility conflicts do not exist and does not relieve the Applicant of the civil duty or responsibility to correct such errors after becoming aware of the conflict.

1.11 Penalties and Financial Guarantees

Failure to comply with these Standards will be cause for denial of permit approval, revocation of prior approvals, withholding of financial guarantees, withholding final inspection approval, withholding occupancy certificates (temporary and permanent), legal action for forfeiture of financial guarantee, code enforcement, and/or other penalties as provided by law.

- A. PERFORMANCE/RESTORATION FINANCIAL GUARANTEES: Any construction work on City right-of-way (both maintained and unmaintained) which is not performed by the City of Kenmore or its representatives shall be guaranteed by a restoration financial guarantee unless otherwise approved by the City Engineer or waived per KMC Title 21.15.060. The Development Engineer shall determine the amount and form of the financial guarantee. The minimum restoration and/or performance guarantee shall be \$2,000.00.
- B. MAINTENANCE/DEFECT GUARANTEES: The successful performance of the right-of-way improvements or related drainage facilities shall be guaranteed for a period of at least two years from the date of Final Construction Approval, unless otherwise determined by the City Engineer or as directed in Kenmore Municipal Code. Any repair or replacement of defective work/material may require an extension of the guarantee an additional two years or until such time as the City Engineer deems appropriate. The Development Engineer shall determine the amount and form of the maintenance financial guarantee. The minimum maintenance guarantee shall be \$2,000.00.

Any changes of property ownership will require new financial guarantee(s) submitted by the new owner equal in value to the original guarantee(s). New financial guarantee(s) shall assume all responsibility for previous and new work and no liability will be carried by the previous owner's guarantee(s). Transfer of permit(s) to new owners/developers will not occur until new financial guarantees are received and accepted by the City.

1.12 Changes to the Road Standards

The City Engineer may incorporate changes to these Standards as they become necessary and may determine the severity of any future proposed revisions. Minor changes (grammatical, spelling, code reference changes, formatting, etc.), updates to the Companion Documents, or revisions to the documents in the appendices may be administratively approved and incorporated into the Standards.

Developments submitted for permits shall be vested to the version in effect at the time of a Land Use decision. If no Land Use action is required, then developments shall be vested to the Standards in effect at the time of initial permit application. Revisions to a permit application with substantial changes per KMC 17.20.030 and 17.20.060 shall be considered an "initial" permit application. Changes made due to regulatory changes, safety issues, or environmental concerns may require the Applicant to comply with those revised sections of the Standards.

Chapter 2: General Requirements

2.01 Responsibility to Provide Frontage Improvements

All developments shall make road improvements in accordance with these Standards. Additional road improvements on private property and/or the right-of-way may be required based on an assessment of the impacts of the proposed land development by the Development Engineer.

- A. Frontage requirements per Section 2.07 for a subdivision or short subdivision shall be based upon the original parcel size prior to subdividing.
- B. A development project that is adjacent to a current or proposed CIP project will be required to construct the frontage improvements per these Standards; fee in lieu may be required at the discretion of the City Engineer (see Section 2.02).
- C. Any development abutting existing roads, including but not limited to new single-family homes, subdivisions, and commercial or townhome/multi-family projects, shall improve the frontage of those roads in accordance with these Standards.
 - 1. Only the following types of development projects are exempt from providing frontage improvements:
 - i. Alterations or additions to an existing single-family home. An alteration or addition is defined as all changes made to an existing structure within a 5 year period that result in a cost less than 50% of the taxable improvements value of the existing structure as determined by the most current King County Department of Assessments.
 - ii. Single family projects which reconstruct a previously existing single-family home that was demolished within 12 months of the date of an approved new building permit are not required to construct frontage improvements on Local Roads only.
 - iii. Alteration projects on existing commercial structures which do not expand or change the use on site.
 - iv. Accessory Dwelling Unit (ADU) projects as defined by KMC 18.20 and 18.73.
 - v. At the discretion of the City Engineer, CIP projects may be granted an exemption from frontage improvements.
 - 2. On lots which utilize a narrow access stem to develop behind another parcel or parcels adjacent to the roadway, the project frontage shall be the segment of roadway equal to the widest portion of the development parcel. Where the required improvements cannot be installed due to limited or restricted right-of-way along adjacent properties, the Applicant may be required to pay a fee in lieu consistent with Section 2.02.
 - 3. In the case of corner lots, frontage improvements are required on both street frontages.
 - 4. In the case where a lot has two non-adjoining frontages (i.e. not a corner lot), frontage improvements are required on any frontage which will provide access to any existing or new lot and/or structure. Frontage improvement will be required on any road which is classified as an arterial or collector, regardless if access is taken off of the road.
- D. Any development that contains internal roads or requires the construction of new roads to provide access to the proposed lots, structures, or service areas shall construct or improve those roads in accordance with these Standards.
- E. Subdivisions, short subdivisions, binding site plans or any other land development project which is subject to recording shall not be recorded until there is a recorded continuous paved public access to the

development site.

- F. All new and altered roads shall provide applicable pedestrian and bicycle improvements that meet the Standards.
- G. Alterations to the existing frontage improvements will require that the frontage be constructed per these Standards. Maintenance or repair efforts matching existing will not require upgrading to these Standards unless otherwise directed by the City Engineer.
- H. Additional sidewalks may be required where alternative pedestrian access provides better connections to existing public facilities or may be required beyond the existing property lines to provide pedestrian connections to existing sidewalks. The following conditions may require alternative or additional sidewalk connections:
 - 1. A shorter distance or more favorable terrain than sidewalk along an existing or proposed road exists, or
 - 2. Where pedestrian facilities exist along the existing road that are within 50 feet of the property lines, or
- I. Adaptive re-use projects, which involve sites or buildings identified as a Local Landmark per KMC Chapter 2.20, a King County Landmark per the King County Historic Preservation Program, or an Historic Place per the National Register of Historic Places, shall not be required to provide improvements that fully comply with the requirements of this Section; provided that:
 - 1. All projects must still provide safe and ADA accessibility for all users as determined by the City Engineer.
 - 2. Projects which include new buildings or expansion of an existing building shall not be considered an 'adaptive re-use project' within the Standards.
- J. Recognizing that the City is a partially built environment which was developed under several different requirements, the City Engineer may modify the frontage improvement and/or fee-in-lieu requirements in other situations where service level, safety, or operational efficiency of the roads serving a site will be affected. Additional requirements will consider constitutional provisions, statutory provisions and court case principles, City planning, existing right-of-way conditions in front of and adjacent to the development as well as the development proposal and the conditions of existing site, buildings, and/or adjacent property.

2.02 Fee in Lieu Option

Applicants of developments which require frontage improvements per Section 2.01 may request to pay a fee in lieu of providing frontage improvements, or any portions of those improvements, to be granted at the discretion of the City Engineer.

The City, at its discretion, may require a fee in lieu of improvements at locations where new sidewalk will not provide a significant public value (as determined by the City), where shared spaces are desired, or where a future CIP may be proposed. The City may also, at its discretion, require a fee in lieu of pavement improvements at locations where the pavement rating condition is rated as "good" or better (PCI > than 80) based upon the City's current Pavement Management System. A fee in lieu cost for pavement overlay shall be based upon the square foot cost of the City's most recent asphalt overlay project taking into account the design, construction and inspection of the City's project.

If a CIP project has constructed the frontage improvements to these Standards, the Applicant shall pay a fee in lieu for said frontage improvements if a permit application is submitted within 2 years of the substantial completion of the CIP project.

The fee in lieu cost shall be based on the total length of the project frontage along public roads and the cost estimates used by the City in the most recent update to the City's Sidewalk Program. The City reserves the right to deny any request where the physical improvements would be of greater public value than the fee in lieu fee.

2.03 Low Impact Development

Low Impact Development (LID) best management practices are the preferred and commonly used approach to site development and are required to be used whenever feasible in land and frontage improvements as directed in KMC and as defined by the SWDM and the City Engineer. Where these Standards present barriers to the use of LID best management practices a variance to these Standards may be considered, provided that the variance does not violate other sections of KMC and is adequately designed for safety, ADA accessibility, functionality, and maintenance concerns.

2.04 Maintenance

The City will not accept any improvements for maintenance until the improvements have been approved by the Public Works Department and all performance agreements associated with the improvements have been released by the City. Until the City has accepted the improvements for maintenance, the project Applicant shall be responsible for the condition, function, safety, security, and general maintenance of all roadways or improvements.

- A. Only improvements within the right-of-way, or expressly approved by the City in a recorded document on file with the King County Recorder's Office, will be accepted for City maintenance.
- B. Easements not expressly dedicated to the City are to be interpreted as private easements which do not assign a maintenance responsibility to the City of Kenmore.
- C. Easements which grant the City of Kenmore the right of entry for the purposes of inspection shall include language that specifically assigns the right of inspection, but not necessarily the responsibility to inspect the improvements within said easement. The City is not responsible for any costs which are associated with the improvements within these types of easements, including cost associated with inadequate maintenance.

2.05 Connectivity

Proposed roadway layouts shall continue roads to adjacent properties when the adjacent property is an undeveloped parcel or has reasonable chance of re-development in the future. This requirement may include additional right-of-way dedication beyond constructed limits necessary to provide for future roadway connections.

- A. To the maximum extent feasible, connections shall be located at the anticipated or logical location which maximizes the development potential of the adjacent parcel.
- B. Pedestrian walkways shall be required to connect roadways where construction of full roadway improvements is not feasible to provide connectivity for vehicles. Pedestrian walkways shall be provided to create the shortest route between development and existing walkways, independent of roadway improvements.

2.06 Traffic Impact Analyses

A traffic impact analysis shall be required per KMC 17.20.070 and 12.85.050 when applicable. A traffic impact analysis shall also be required if, as determined by the City, the proposed development could potentially create a significant impact to traffic operations. The traffic impact analysis shall be completed in accordance with the administrative policies and guidelines identified in Appendix G.

2.07 Frontage Improvements

Frontage improvements shall require bringing half of the frontage road to the requirements for the roadway classification per these Standards. Existing frontage improvements shall be upgraded to these Standards.

- A. Standard frontage improvements consist of road widening, right-of-way dedication, new curb & gutter, new sidewalk, new amenity zone and/or landscaping, drainage improvements as needed, street lighting per Section 8.11, relocation of conflicting utilities as needed, 2-inch half-width grind and overlay along the entire project frontage, and new pavement markings.
 1. Additional improvements, including transit bus shelters, bus pullouts, utility undergrounding, lighting, signage, and revised channelization, may be required to ensure safe movement of traffic, including pedestrians, bicycles, transit, and non-motorized vehicles.
 2. Additional improvements may be required along SR-522 or in the downtown areas as directed in Section 2.08.
- B. Half of the frontage road shall mean that point measured from the center of the existing right-of-way to the proposed property line. Depending on existing topography and improvements, at the discretion of the City Engineer, the half road measurement may be taken from the center of the existing paved roadway.
- C. Any project which utilizes a zero-foot or modified setback, as permitted by KMC, and places a building too near to the right-of-way line to maintain overhead service without impacting the required walkway or required clear zone shall be required to underground utilities along the entire project frontage.
- D. Utility undergrounding is required at the following locations:
 1. along SR-522
 2. in the downtown areas as directed in Section 2.08.
 3. where existing utilities are currently underground
 4. all new or replaced service connections

2.08 Downtown Frontage Improvements

Developments along, or which take access from, roadways identified in Figure 2.1 shall provide additional improvements as outlined below.

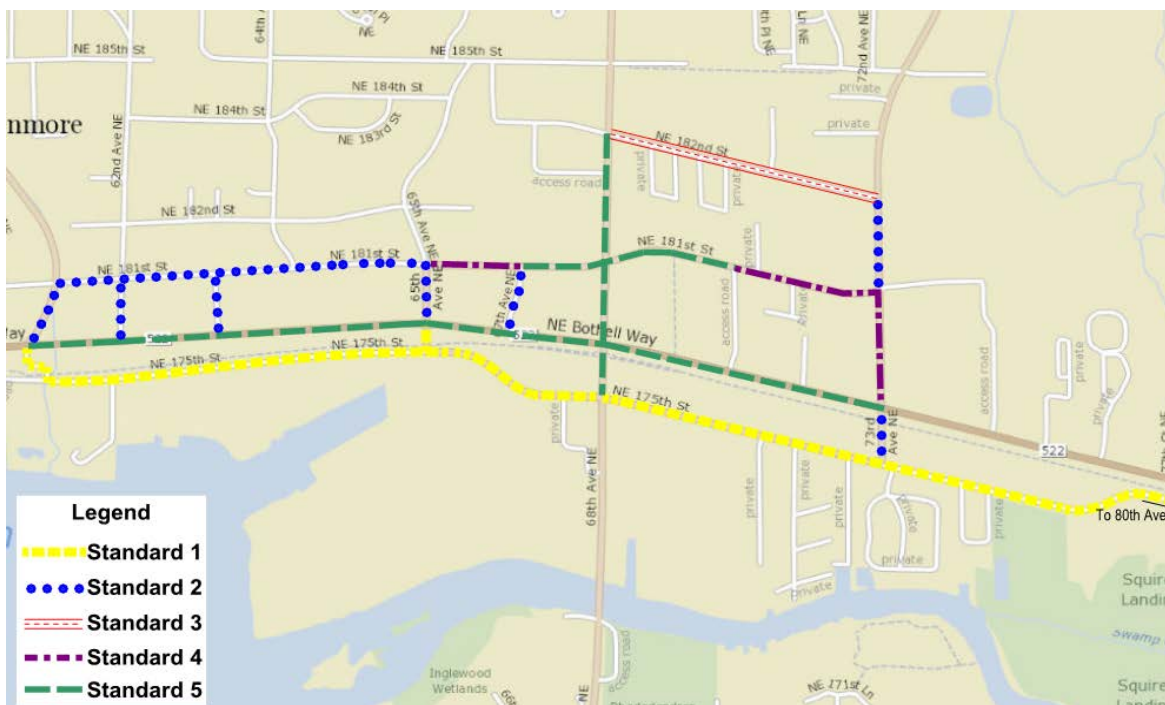


Figure 2.1: Downtown Improvements Map

	Compliance with KMC 18.52.100	Improvement Details to be Determined	Downtown Sidewalk	Downtown Street Trees with Irrigation	Electrical Receptacles at Tree Locations	Downtown Street Lighting	Streetlight Barrier Brackets	Downtown Pedestrian Lighting	Pedestrian Flower Basket Arms with Irrigation	Undergrounding of Existing Utilities in ROW	Provide Conduit for Future Undergrounding
	2.08.A	2.08.B	2.08.C	2.08.D	2.08.E	2.08.F	2.08.G	2.08.H	2.08.I	2.08.J	2.08.K
Standard 1	X	X								X	
Standard 2	X		X	X		X		X		X	
Standard 3	X		X	X		X		X			X
Standard 4	X		X	X	X	X	X	X		X	
Standard 5	X		X	X	X	X	X	X	X	X	

Figure 2.2: Downtown Improvements Table

- A. All improvements along roadways identified on Figure 2.1, shall be consistent with direction provided in KMC 18.52.
- B. Projects along roadways identified in Figure 2.1 as Standard 1 shall require specialized improvements with exact details for special pavement types, architectural features, and lighting styles to be determined during project design and shall require submitting samples, cut sheets, or shop drawings to the City for approval prior to installation. Projects within this area may be required to match improvement details of other nearby projects as developments establish throughout this area.
- C. **Downtown Sidewalk:** Projects along roadways identified in Figure 2.1 as Standard 2, Standard 3, Standard 4, and/or Standard 5 shall provide a minimum 6-foot wide sidewalk with 4-foot wide amenity zone within the public right-of-way with a 2'x2' scoring pattern per KSD 8-008 and as follows:
 - 1. Lightly brushed in a transverse direction (perpendicular to road) with a soft brush and then a 2-foot by 2-foot grid pattern shall be saw cut into the top of the concrete surface.
 - 2. Sawcut lines shall run perpendicular and parallel to the curb line and shall intersect at 90° angles.
 - 3. Around curves and curb returns, the lines shall be adjusted as shown in KSD 8-008.
 - 4. Sidewalk width may be reduced to 4-foot wide at the discretion of the City Engineer.
- D. **Downtown Street Trees:** Projects along roadways identified in Figure 2.1 as Standard 2, Standard 3, Standard 4, and/or Standard 5 shall provide street trees, with irrigation, placed at the back of curb.
 - 1. Tree spacing may be varied slightly to account for proper sight distance, utility placement, or other potential site conflicts, as approved by the City.
 - 2. Landscape areas provided for street trees shall not exceed 4 feet in width and shall always maintain a minimum of 6-foot sidewalk clearance.
 - 3. Irrigation lines shall be provided to all plants and trees. Irrigation systems shall be connected to an existing City irrigation controller or a new irrigation controller shall be provided as needed. Applicant shall coordinate meter placement & configuration with the water district. Irrigation materials, including controller, shall be consistent with existing City systems. Irrigation system materials and location of controller shall be coordinated with and approved by the City Public Works Department. Applicant shall coordinate power service for the controller with Puget Sound Energy.
 - 4. Tree grates shall be provided for these areas if tree wells are installed.
 - 5. See Section 8-12 for additional requirements.
- E. **Electrical Receptacles:** Projects along roadways identified in Figure 2.1 as Standard 4 and/or Standard 5 shall include above-ground electrical receptacles, supplied with power, within the pervious area for street trees required per Section 2.08D above.
 - 1. Applicant shall coordinate power service for receptacles with Puget Sound Energy.
 - 2. Future power costs for the electrical receptacle shall be transferred to the City upon City approval.
- F. **Downtown Roadway Lighting:** Lighting design shall be per Section 8.11. Projects along roadways identified in Figure 2.1 as Standard 2, Standard 3, Standard 4, and/or Standard 5 shall provide specialized roadway lighting as follows (or an approved equal):
 - 1. Head Type (Model Number): Lithonia Aeris Decorative Roadway Led Luminaire (AS1 LED 1 63B30/40K SR 3 240 SPA DF DDBXD)
 - 2. Arm Type (Model Number): Lithonia Aeris Decorative Curved Arm (DCASDDBXDU)
 - 3. Arm length: 2 feet
 - 4. Mounting Height: 35 feet from bottom of luminaire (40 feet along SR-522)

5. Color: Powder coated Bronze 50 Gloss (Pearlescent) from Cardinal Paint (TO25-BR01)

Applicant shall coordinate power service with Puget Sound Energy (PSE) and will be responsible for facilitating transferring ownership of the lighting system to PSE. Applicant/Contractor to facilitate transfer agreement between PSE and the City (note: agreement must be in place before PSE will energize the lighting system).

- G. **Streetlight Banner Brackets:** Projects along roadways identified in Figure 2.1 as Standard 4 and/or Standard 5 shall include a set of banner brackets on all street lighting required per Section 2.08.F
 1. Bracket types and details shall be approved by the City Engineer prior to installation and shall be colored to match the light pole.
 2. Brackets shall be installed on the side of the pole furthest from the roadway, perpendicular to the direction of travel.
 3. Bottom of bracket shall be mounted 15 feet above the finished grade.
- H. **Downtown Pedestrian Lighting:** Lighting design shall be per Section 8.11. Projects along roadways identified in Figure 2.1 as Standard 2, Standard 3, Standard 4, and/or Standard 5 shall provide specialized pedestrian lighting as follows (or an approved equal):
 1. Head Type (Model Number): Selux Quadro H2 Led Decorative Pedestrian Luminaire (QH2L-R5-1-4LT500-30-BZ-208)
 2. Mount Height (bottom of luminaire): 14 feet
 3. Color: Powder coated Bronze Pearlescent (TO25-BR01)

Applicant shall coordinate power service with Puget Sound Energy (PSE) and will be responsible for transferring ownership of the lighting system to PSE. Applicant/Contractor to facilitate transfer agreement between PSE and the City (note: agreement must be in place before PSE will energize the lighting system).

- I. **Pedestrian Flower Basket Arms:** Projects along roadways identified in Figure 2.1 as Standard 5 shall provide a set of two mounts, arms, and irrigation for hanging flower baskets on each pedestrian light pole required per Section 2.08H.
 1. The mounts shall be aligned parallel to the roadway on opposite sides of the pole.
 2. Irrigation must be provided to each mount arm. Irrigation sleeve to be internal to pole up to arms.
 3. Mount types and details shall be approved by the City Engineer prior to installation and shall be colored to match the light pole.
 4. Arms shall be mounted 11 feet from finished grade.
- J. **Utility Undergrounding:** Projects along roadways identified in Figure 2.1 as Standard 1, Standard 2, Standard 4, and/or Standard 5 shall be required to relocate any existing overhead utility lines along the project frontage into underground conduits in compliance with the utility provider's specifications and these Standards.
 1. Note: All new utility extensions are required to be undergrounded per KMC 13.50.010.
- K. **Underground Conduit Only:** Projects along roadways identified in Figure 2.1 as Standard 3 must provide conduit and vaults for future undergrounding, but do not have to remove the existing utility lines or pull wire through the conduit at this time, provided that the building location does not require undergrounding per Section 2.07B. The Applicant shall review and coordinate with the respective utility companies/owners the required number and size of conduits and vaults needed meet the needs of the existing utilities.

2.09 Dedication of Right-of-Way

The City may require right-of-way dedication to incorporate necessary transportation and frontage improvements.

- A. Right-of-way dedication width shall be consistent with these Standards except where additional right-of-way widths have been proposed for projects on the City's Transportation Improvement Program, the Capital Improvement Program, the Transportation Element of the Comprehensive Plan, or as needed for utility services.
- B. Right-of-way dedication, when required, shall occur at the time of recording for subdivisions or prior to issuing the certificate of occupancy on other project types.

2.10 Pavement Cut Moratorium

No pavements cuts will be permitted on any road which has been constructed, re-constructed, overlaid, or resurfaced within the past 5-years from the date of permit submission, except as noted below. All reasonable effort shall be made to utilize trenchless technology for utility installations before an exception is granted.

- A. Pavement cuts may be approved in the following cases:
 - 1. The project includes a full-width 2-inch grind and overlay and the cuts are within the limits of the proposed overlay.
 - 2. The cut is allowed through a current franchise agreement.
 - 3. The cut is for an emergency situation, provided that a 2-inch full-width grind and overlay is provided as noted in Section 11.04F after the emergency work is completed.
- B. City capital improvement and maintenance projects are exempt from the pavement cut moratorium.

Chapter 3: Street Classification

3.01 Public Roads

City roads are classified functionally as noted in Appendix A. Function is the controlling element for classification and shall govern right-of-way, street width, and street geometrics. Functional classification establishes the hierarchy of streets and highways necessary for a complete transportation system that serves all types of travel needs. Each road has a specified function that produces a comprehensive network for travel and access throughout an area when combined with the rest of the system.

Public roads shall be constructed to the applicable Standards 6 for the corresponding roadway classification.

Public roads and all constructed improvements or modifications shall remain under the responsibility of the Applicant/Contractor until such time that the City accepts the road in writing in accordance with Section 2.04.

3.02 Private Roads

Private roads may be appropriate for some roads which have a fixed number of accessing lots or units, and/or expected limited traffic volumes.

- A. Private roads may be approved only when they are:
 1. Classified as a private access tract, alley, or joint-use driveway as set forth in Chapter 5 and Chapter 6,
 2. Permanently established by tract or easement providing legal access to each affected lot, dwelling unit, or business of sufficient width to accommodate required improvements. Language on the recorded documents establishing the access permissions shall include provisions for future use by adjacent property owners when applicable,
 3. Accessible at all times for emergency and public service vehicle use,
 4. Outside the limit of any planned future public roads in the present or future street plan per the Kenmore Comprehensive Plan, Transportation Improvement Plan, or Capital Improvement Program,
 5. Not going to result in land locking of parcels,
 6. Designed to serve a maximum potential number of dwelling units that can possibly be served by the road when physical barriers, zoning or other legal constraints are considered,
 7. Maintained by a capable and legally responsible owner or homeowners' association, or other legal entity made up of the benefited property owners, which is clearly assigned on the recorded document granting access permissions,
 8. Clearly described on the face of the plat, short plat, binding site plan, or other document recorded on the title of all affected properties, and
 9. Clearly signed at the street location as a private road.
- B. The City will not maintain private roads.
- C. The City will not accept a private road for conversion to public roads when the roadway is a dead-end road that does not exceed 500 feet in length as noted in Section 5.03 or serves the minimum number of residential units for private road as noted in Chapter 6.
- D. In the event a private road meets the minimum requirements to classify as a public road, the City will not accept the private road for conversion to a public road if the infrastructure is aged, worn, damage, failing,

or not in compliance with current Standards. The private road shall be repaired and/or reconstructed per these Standards prior to City acceptance. Any private road with a pavement condition rating less than Good (PCI<80) as determined by the City will require a 2-inch grind and overlay.

- E. If a short plat has been proposed on a property to which the only access is over private roadways that fail to meet the standards specified in this section, the short plat may be denied, or be required to improve the private road to these Standards based on a determination of its impact by the City Engineer.
- F. Private road tracts/easements shall include language that allows the City to convert the private road to public without approval from the adjacent property owners. Conversion of private road to public may be delegated to the Applicant.

3.03 Alternative Road Designs

The City of Kenmore seeks to promote and encourage the design of roads using the best available sciences and practices. These Standards are intended as general guidelines meant to be applied to a wide range of project types. Where specific projects can be better served by alternative road design elements such as shared spaces, living streets (Woonerf concept), cycle tracks, green alleys, parklets, and curb extensions, the Applicant and City staff shall coordinate the alternative design elements and promote the use of such design in a manner that adequately addresses the safety and accessibility concerns of the City. Some basic guidelines for alternative design types have been provided in Chapter 6 but do not provide all the details needed for full construction and implementation of such designs; the Applicant must provide a unique design for such road types. Generally, alternative road designs shall be privately maintained unless otherwise approved by the City Engineer.

Chapter 4: Construction Control and Inspection

4.01 Basis for Control of the Work

Provisions of Section 1-05 of the WSDOT Standard Specifications shall apply, with the term "Engineer" therein construed to be the City Engineer as defined in Section 1.02.

- A. Work performed in the construction or improvement of public or private roads shall be done in accordance with these Standards and approved plans. No work may be started until such plans are approved and a pre-construction meeting is held with the City. Any revision to the approved plans shall be approved by the City before being implemented.
- B. The City Engineer is authorized to enforce the Standards as well as other referenced or pertinent specifications or guidelines. The City Engineer may appoint representatives as necessary to inspect the work and enforce the Standards on his/her behalf.

4.02 Inspection

Generally, control and inspection will be done by the City on all roadway, walkway, and drainage facility construction proposed or in progress. The City also performs the maintenance/defect inspections. The City Engineer must approve any variances from the Standards during construction.

- A. The Applicant/Contractor is responsible for quality control of construction and the assurance of meeting the approved plans and Standards for the project. City inspectors monitor these activities with enforcement authority when requirements are not met. All work conducted on electrical and communications systems shall be inspected by the Washington State Department of Labor and Industries, unless and until these services are offered by the City.
- B. A preconstruction conference shall be scheduled by the City at a time and place established by the City. Three working days advanced notice will be given of the conference date, time and location. Conference must precede the beginning of construction and include the Applicant, general Contractor, and other applicable participants. Plan approvals, permits/contracts, liability insurance coverage, and financial agreements/guarantees must be in hand prior to the conference.
- C. All materials provided by the Applicant/Contractor shall be subject to inspection and approval by the City Inspector at any time during the progress of work until final acceptance. The project's construction schedule shall include sufficient time for materials testing and any required verification by the City Inspector.
- D. The City Inspector has the authority to reject defective material and suspend work that does not meet with the approved plans, specifications and Standards. The City Inspector may advise the Applicant or Contractor of any faulty work or materials; however, failure of the City Inspector to advise the Applicant or Contractor of faulty or nonconforming work does not constitute acceptance or approval. At the City Inspector's order, the Applicant/Contractor shall immediately remedy, remove, replace, or dispose of unauthorized or defective work or materials and bear all the costs of doing so.
- E. All roadway, walkway, and drainage infrastructures must be inspected and approved prior to any final acceptance of the improvements.
- F. Prior to any critical task being started, the Applicant must coordinate with the City inspector. At a minimum, the following critical tasks require advance notification:
 - 1. Clearing and Temporary Erosion/Sedimentation Control: Two working day notice prior to initial site work involving drainage and installation of temporary erosion/sediment control.

2. Curb and Sidewalk Placement: Two working day notice to verify proper forming and preparation prior to placing concrete.
3. Structural Inspection for Concrete Walls/Vaults/Foundations: Per *Special Inspection Sheet*, project specifications, and/or guidance of City staff
4. Storm drainage facilities - 2 working day notice for:
 - i. Pipe installation prior to backfill
 - ii. Trench backfill (if in right-of-way)
 - iii. Vault foundation verification
 - iv. Vault installation prior to backfill
 - v. Vault backfill (if in right-of-way)
5. Pavement: 2 working day notice prior to verify subgrade and 2 working day notice for paving activity.
6. Street lights: 2 working day notice prior to installing foundation
7. Landscaping: 2 working day prior notice for inspecting plant quality and placement for right-of-way plantings and storm drainage facilities.
8. Substantial Completion Inspection: 5 working days prior notice
9. Final Inspections:
 - i. 5 working days prior notice for Final Inspection.
 - ii. 5 working days prior notice from expiration of the maintenance and defect period.
 - iii. The Applicant's responsibilities under the terms of the maintenance and defect agreement shall not end until the improvements are formally accepted in writing by the City of Kenmore.
- G. It is the Applicant's/Contractor's responsibility to request all inspections. The City may not necessarily track when inspections are needed. Failure to notify the City of any inspection will not relieve the Contractor from performing the work as required by the permit and Standards. See Section 4.05 for additional information.
- H. Chips/cracks on public sidewalk/curbing/driveway approaches: Replacement of concrete panels or curbing due to cracking or chipping may be required and will depend upon the width, the reason for the cracking/chipping and the number of cracks/chips in each feature. In general, all cracks and chips will be evaluated on a case-by-case basis. When required, concrete panels and curbing shall be replaced from expansion joint to expansion joint; no sawcutting will be allowed unless approved by the City Inspector. The following general guidelines will be used for determining when corrective action may be required:
 1. Any crack greater than 1/8" in width at any location
 2. Any crack that creates a vertical differential greater than 1/8" at any location
 3. More than 1 crack (regardless of width) with less than a 2-foot separation
 4. Any feature that the Contractor did not protect which resulted in a crack/chip or if the Contractor did not use standard construction methods and practices in performing the work that resulted in the damage.
 5. Chips, in general, may be repaired if they are less than 2 inches in all directions. Proposal for repair must be reviewed and approved by the Inspector prior to repair work starting. Chips larger than 2 inches in any direction will require a replacement of the panel or segment.

4.03 Substantial Completion Approval

The following section shall be applicable to subdivision projects, site development permits (engineering and grading permits), and right-of-way permits. Substantial completion approval for City projects shall be per WSDOT Standard Specifications and the project's special provisions.

- A. It shall be the practice of the City of Kenmore to require a minimum level of constructed improvements prior to recording plat documents or issuing a certificate of occupancy and all projects shall obtain substantial completion approval prior to recording final documents.
- B. Substantial completion shall require verification that the following items have been addressed; approvals from agencies other than the City of Kenmore must be provided in writing to the City inspector:
 1. Access provided to all lots within a development.
 - i. For hot mixed asphalt (HMA) pavements, access is interpreted as all but the last 2 inches of lift of the asphalt pavement.
 - ii. For concrete and pervious pavements on internal driveways and private roadways, a compacted gravel surface is acceptable for access; paved surfaces must still be provided within the right-of-way.
 2. Adequate parking provided for the proposed uses of buildings to be occupied.
 3. Required ADA facilities (sidewalks, curb ramps, railings, etc.), meeting the latest ADA Standard Guidelines, installed for the access to buildings to be occupied.
 4. Frontage improvements installed, safe, unobstructed to the public, and ADA compliant.
 - i. Pavement markings shall be provided as directed by the City inspector.
 5. Compaction and testing reports for all paved surfaces, backfill, and concrete structures must be provided to the City inspector. Failure to provide proof of adequate special inspection testing may require post performance sampling/testing, replacement of material, or extended maintenance and defect bonding period at the discretion of the City Engineer.
 6. Drainage system installed and functional.
 7. Water and sewer installed and functional (as determined by the water & sewer district)
 8. Mail delivery system/mailbox installed and approved by the Postmaster.
 9. Construction equipment, stockpiles, and other materials removed from within the right-of-way and stored on private property with appropriate erosion and sediment control measures in place.
 10. Major safety concerns eliminated (fall hazards, trip hazard, sight distance issues, etc.)
 11. All exposed soils temporarily stabilized, and all remaining stockpiles covered in compliance with erosion and sediment control standards.
 12. All required regulatory signage installed.
 13. All required landscaping must be installed or bonded.
 14. All required mitigation plantings must be installed or bonded.
 - i. On site mitigation areas or critical areas must be delineated by temporary fencing.
 15. All required recreation equipment must be installed or bonded.
 16. All required lighting installed.
 17. Video inspection of storm drainage system completed and delivered to the City for review.
 18. Covenants are recorded on all lots.

19. Additional performance agreement and financial guarantee filed with the City to ensure timely completion of the project.

4.04 Final Construction Approval

The following section shall be applicable to subdivision projects, site development permits (engineering and grading permits), and right-of-way permits. Final construction approval for City projects shall be per WSDOT Standard Specifications and the project's special provisions.

- A. Prior to closing any permit for site improvements or release of performance bonds associated with a project, the project shall obtain final construction approval.
- B. Final construction approval shall require verification that the following items have been addressed:
 1. All item listed in Section 4.03 except the additional performance agreement (Section 4.03.B.19 above).
 2. All exposed soils or slopes shall be permanently stabilized.
 3. Final HMA pavement lift plus pavement joint sealing has been installed and approved.
 4. All other work noted on the approved plans has been completed.
 5. All final punch list items must be addressed as directed by the City Inspector.
 6. As-built or final record drawings shall be submitted to and approved by the City.
 7. Verification of the constructed detention volume from the Licensed PE or surveyor.
 8. Storm drainage system has been accepted by the City.
 9. All required road monuments shall be installed, and a licensed surveyor shall provide written statement that the monuments have been correctly installed and registered with the State.
 10. Critical areas shall be permanently delineated and required signage shall be installed.
 11. Covenants are recorded on any remaining lots.
 12. Required agreement and financial guarantee for maintenance and defect period must be submitted to the City.

4.05 Penalties for Failure to Notify and Obtain Approval

Notification by the Applicant/Contractor, at the necessary time frames noted above, is essential for the City to verify, through inspection, that the work meets the approved plans and Standards. Failure to notify and obtain approval will result in the City requiring additional sampling and testing with certification by a City approved laboratory. Costs of such testing and certification shall be borne by the Applicant/Contractor.

If the test results conclude that the work does not meet the approved plans, specifications and Standards, the Applicant/Contractor will be required to remove the material and replace it with materials that meet the approved plans and Standards at their own expense. At the time that such action is directed by the City, further work on the development may be limited or prohibited until all directed tests have been completed, approved, and all corrections identified by the City have been made to the satisfaction of the City Inspector. If necessary, the City may take further action as set forth in KMC 1.20.

4.06 Control of Materials

The following standards apply to roads (public and private) and publicly maintained storm drainage systems only and do not pertain to site development. The provisions of Section 1-06 of the WSDOT Standard Specifications

apply in all respects to all construction.

- A. Source of Supply and Quality of Materials: The Applicant/Contractor shall notify the City of proposed sources of supply for all materials to be furnished. The City shall approve the source of supply of each of the materials before the installation. Representative preliminary samples or test data of the character and quality prescribed may be required to be submitted by the Applicant/Contractor or producer for examination. Materials suppliers listed on the WSDOT Qualified Product List (QPL) do not require prior City approval; a copy of the QPL is required.
- B. Only materials conforming to the requirements of the WSDOT Standard Specifications shall be used in the work, unless otherwise approved by the City Engineer. Any material proposed to be used may be inspected or tested at any time during their preparation and use. If after testing it is found that sources of supply that have been approved do not furnish a product that conforms with WSDOT Standard Specifications, or if the product from any approved source proved unacceptable at any time, the Applicant/Contractor shall furnish approved materials from other approved sources. Any approved material that becomes unfit shall not be used.
- C. Samples and Tests: The Applicant/Contractor is required to retain the services of a certified testing laboratory to conduct necessary field and/or lab tests of materials or methods. Testing shall be in accordance with WSDOT Standard Specifications and/or AASHTO/ASTM standards. Materials shall not be used until approved.
 - 1. Minimum testing frequency shall be as follows:
 - i. Soil Compaction Testing (trench): one test per every 50 feet on each lift. Inspector may, at their discretion, reduce the number of tests if compaction placement and density is consistent.
 - ii. Soil Compaction Testing (roadway/sidewalk): One test every 50 feet per lane or sidewalk. If roadway and sidewalk grades are constructed at the same time, testing under sidewalk is not required. Inspector may, at their discretion, reduce the number of tests if compaction placement and density is consistent.
 - iii. Subgrade Leveling Course: Visual inspection if lift is less than 6 inches. If greater than 6 inches, follow requirements of 1(ii).
 - iv. Asphalt Pavement: One test every 50 feet per lane per lift.
 - v. Wall/Structure backfill: One test per every 50 feet on each lift on each side receiving backfill. Inspector may, at their discretion, reduce the number of tests if compaction placement and density is consistent. Backfill testing is not required when wall/structures are not within the roadway footprint.
 - vi. Retaining walls (reinforced concrete/soldier pile): 3 compression tests (28d, 28d, spare) cylinders for each day concrete is poured.
 - 2. The Applicant/Contractor shall provide the City with certified copies of the complete test reports directly from the testing laboratory.

4.07 Construction Control in Developments

Where applicable, the provisions of Section 1-05 of the WSDOT Standard Specifications apply in all respects to development construction.

4.08 Sub-grade

In preparing the roadbed for surfacing before any paving, the requirements outlined in Sections 2-06.3(1) and 2-06.3(2) of the WSDOT Standard Specifications shall be met. After the subgrade preparation has been completed, it shall be thoroughly checked by the Applicant/Contractor using a level, string line, crown board, or other means to determine that the subgrade conforms to the approved road section and the Standards prior to placing any surfacing material.

4.09 Traffic Control During Construction

Traffic control shall follow the guidelines of Section 1-07.23 and 1-10 of the WSDOT Standard Specifications. All barricades, signs, delineators, and flagging shall conform to the requirements of the most current MUTCD Manual. Signs must be legible and visible, with consideration for the horizontal and vertical curvature of the roadway, existing vegetation, and legal street parking. Signage should be removed or covered at the end of each workday if not applicable after construction hours.

- A. Temporary Traffic Control: The Applicant/Contractor shall be responsible for traffic control during construction on or along City roads. When work is to be performed on City roads that are open to traffic, the Applicant/Contractor will be required to submit a traffic control plan for approval prior to permit approval. Any alterations to reviewed traffic control plans shall be reviewed by the Inspector prior to beginning the work.
 1. Lane closures will be allowed between the hours of 9:00am and 3:30pm unless otherwise approved by the City Engineer.
 2. Flaggers are required at all times when a roadway is reduced to one-way only or when traffic visibility is obstructed by construction activity. All flaggers shall possess a current Washington State certified flagging card.
 3. Pedestrian access shall not be blocked or restricted. If pedestrian access cannot be maintained, flaggers may be used to safely escort pedestrians around the work area, or a detour plan shall be submitted and approved (see bullet "E" below).
- B. Temporary Road Closures and Detours: The City may consider requests for full road closures where they are determined by the City Engineer to be in the best interest of the public:
 1. A proposal for a road closure and a detour plan must be prepared and submitted to the City at least 10 working days in advance; said plan must be approved by the City Engineer prior to closing any City street.
 2. The types and locations of the signs shall be shown on a detour plan.
 3. The Applicant/Contractor shall post "This Road Will Be Closed" signs, along with the anticipated dates and times of closure, a minimum of 7 calendar days prior to the closing.
 4. The Applicant/Contractor must notify, in writing, local fire, school, law enforcement authorities, Metro transit, adjacent parcels owners, and any other affected persons as directed by the City at least 10 days prior to road closure.
 5. Businesses and residences adjacent to the closure shall be notified via door hangers three (3) calendar days prior to the closure. Arterial street closures require variable message signs (VMS) posted on site five (5) calendar days prior to closure. Any residential street closure greater than 9 hours will require a VMS posted on site three calendar days prior to closure.
 6. The Applicant/Contractor may be required, at the direction of the City Engineer, to notify adjacent property owners via door hangers or mailers along the detour route three (3) calendar days prior

- to the closure.
- 7. Shoulder closures affecting parking shall require on-site notification of said closure 48-hours prior to the closure. Notification shall be on A-frame boards stating the project, permit number, dates and times of closure, contact information, and location (limits) of closure. At the discretion of the City Engineer, notification fliers may be required for adjacent properties/businesses and parked cars.
- C. Haul Routes: The Applicant/Contractor shall be required to develop and use a haul route. Haul routes shall be limited to arterials and collector streets when at all possible.
 - 1. The haul route plan must be prepared and submitted to the City Engineer and approved prior to beginning or continuing construction. The haul route plan shall address routing, hours of operation, signage and flagging, and daily maintenance.
 - 2. If the Developer/Contractor's traffic fails to use the designated haul route, the City Engineer may prohibit or limit further work on the development until such time as the requirements of the haul route are complied with. The City may also require restoration to roads utilized outside of the haul route. Restoration would be at the City's discretion.
 - 3. The haul route shall be identified on the plans.
- D. Haul Road Agreement: When identified as required by the SEPA review process or by the City, a haul road agreement shall be obtained by the Applicant, utility, Developer, or property owner establishing restoration procedures to be performed upon completion of the haul operation.
- E. Pedestrian Circulation Plan: Where a development or construction activity will obstruct an existing pedestrian walkway regularly used by pedestrians, a pedestrian circulation plan shall be required prior to beginning any construction activity. The pedestrian circulation plan must identify alternative access routes to safely direct pedestrians travelling in, around, or through a work area.
 - 1. Where existing pedestrian facilities exist outside the limits of the work zone, they may be utilized as the alternative pedestrian path provided that pedestrian connections with the existing pedestrian path can be made at safe and legal locations and appropriate signage is provided, in compliance with MUTCD, to direct pedestrian movements to the alternative routes. All pedestrian connections shall be ADA compliant to the maximum extent feasible/practical.
 - 2. Where existing pedestrian facilities cannot move pedestrians around a work zone, a temporary alternative pedestrian pathway must be provided and must be compliant with current ADA standards to the maximum extent feasible/practical, including, but not limited to, temporary ramps where required and continuous cane-detectable barriers around the revised pedestrian route.
 - 3. All barricades, signs and flagging shall conform to the requirements of the MUTCD. Signs must be legible and visible and should be removed at the end of each workday if not applicable after construction hours.
- F. Bicycle Circulation Plan: Where a development or construction activity will obstruct, close, or create a hazardous condition of loose pavement or material on an existing marked bicycle lane or traffic lane marked with a sharrows symbol, a bicycle circulation plan shall be required prior to beginning any construction activity. The bicycle circulation plan must address signage to notify cyclists of the closure and/or hazardous condition (plates on roadway, uneven pavement, gravel, etc.), alternative access routes and detours for cyclists and signage notifying drivers on alternative access routes of the increased presence of cyclists during construction. All barricades, signs and flagging shall conform to the requirements of the MUTCD. Signs must be legible and visible, considering horizontal and vertical curves and overhanging vegetation, and should be removed or covered at the end of each workday if not

applicable after construction hours.

4.10 Call Before You Dig

Contractors are responsible for timely notification of utilities in advance of any construction in right-of-way or utility easements as required under [RCW 19.122](#). The utility One-Call Center phone number (1-800-424-5555) or 8-1-1 should be prominently displayed on the work site.

4.11 Utility Certification

All permits for new placement and replacement of existing utilities and utility structures shall be accompanied by written certification from the utility's professional engineer or from an agent authorized by the utility to certify that the installations conform to the appropriate standards and that the proposed work is in conformity with sound engineering principles relating to street safety.

4.12 Final Cleanup and Restoration

In addition to restoration of the road as required by these Standards, the responsible Applicant, utility, Contractor, etc., shall care for adjacent areas in compliance with Sections 1-04.11 and 8-01 in the WSDOT Standard Specifications. In particular:

- A. Roads shall be cleaned and swept both during and after the installation work.
- B. Disturbed soils shall be final graded, seeded and mulched after installation of utility. In limited areas seeding and mulching by hand, using approved methods, will be acceptable.
- C. Ditch lines with erodible soil and subject to rapid flows may require seeding, matting, netting, or rock lining to control erosion.
- D. Any silting or accumulation of construction debris of downstream drainage facilities, whether ditches, pipes, or catch basins, which resulted from the construction activity shall be cleaned out and the work site restored to a stable condition as part of site cleanup.
- E. Remove all temporary erosion and sediment control materials and fencing and dispose of properly.

Chapter 5: Private Roads, Driveway, and Parking Design

All accesses to individual buildings or lots shall be located, designed, and constructed to balance multimodal transportation needs and maximize public safety on the road system. This chapter provides location and design criteria for access at the right-of-way line, access approaches in the right-of-way, private roads, and driveways or circulation roads internal to a private property.

5.01 General

Each lot shall have direct access to the public right-of-way. If a project site is not immediately adjacent to the right-of-way, access must be achieved by a recorded easement or by a recorded access tract.

- A. The circulation system of developments shall intersect with existing and anticipated streets abutting the site at safe and convenient locations.
- B. Every lot upon which a building is proposed to be erected or a traffic generating use is proposed to be established shall establish direct access from the roadway as needed to provide public services such as fire protection, emergency service, mail delivery or trash collection.
- C. The designers of proposed developments must consider the access and driveway profile to ensure that required grade transitions can be complied with while considering building setbacks, terrain, and grades.
- D. All traffic control devices, including signs and pavement markings, shall meet the MUTCD standards.
- E. All private roads, driveways, and parking lots shall be paved with either hot mix asphalt or concrete.
- F. The use of low impact development (LID) practices is required where feasible on private driveways, private roadways, and off-street parking areas.
- G. Access tracts and/or roads required to provide access to two or more lots shall be developed to the width and standard required for its entire length. The practice commonly known as, or that yields the effect of, “telescoping” improvements (i.e., a street required to serve a short plat being reduced in width as the number of remaining lots decreases) is expressly prohibited.
- H. Any portion of a paved roadway, parking area, driveway, and/or private road located on private property, whether paved or not, shall be setback a minimum of 5 feet from all property lines. Connections to the right-of-way are exempt.
- I. The City may require additional connections for bicycles and pedestrians as directed by the City Engineer as noted in Section 2.05.
- J. For commercial or industrial internal (private) roads with heavy traffic volumes or significant numbers of trucks, the City may require construction of the access as an intersection with an arterial and/or may require additional reinforcement within the sidewalk, driveway and approach sections within the public right-of-way. This requirement will be based on traffic engineering analysis submitted by the Applicant that considers, among other factors, intersection spacing, sight distance, and traffic volumes.
- K. Concentrated surface water flows (e.g., pipe discharges, gutter flows, trench flows, etc.) shall not be permitted to cross sidewalks or any other walkways.

5.02 State Highways

Access points to the state highway system are regulated through the Revised Code of Washington (RCW). The only state highway within the City of Kenmore is State Route 522/Bothell Way NE (SR522).

- A. Per KMC Chapter 12.85, a City connection permit will be required for any new, alteration, or relocation of driveways or streets that intersect with SR522.
- B. Any development that requires the construction of a new driveway, a relocation/modification of an existing driveway, utility service connections, or construction of a new road that intersects a state or federal highway may require a permit from the Washington State Department of Transportation (WSDOT). Applicant must contact WSDOT for additional information and requirements.
 - 1. This project must comply with all applicable State standards, as noted above, in addition to designing for City standards.
 - 2. Where State or federal standards conflict with these Standards and/or KMC, the more restrictive requirement shall prevail.
- C. See KMC Chapter 12.85 for additional requirements for driveways connecting to SR522.

5.03 Private Roads

All newly created roads that create a street end (dead-end) shall be a private road per these Standards. Newly created dead-end roads or extensions of existing private dead-end roads shall become public if the final length of the road measured from centerline of intersecting public street to furthest extent of the proposed road exceeds 500 feet or as noted in Table 6.1.

- A. Private roads are to be privately owned and maintained and shall be constructed as outlined in Chapter 6.
- B. Private roads shall be clearly identified and dedicated in an easement or tract and noted on the plat map to be recorded, if applicable. Dedication language shall include a clear designation of maintenance responsibility for the improvements within the easement or tract.
- C. At the discretion of the City Engineer, where a street is proposed (either through City planning or possible development through zoning allowances) that may, in the future, be connected to an existing public road or extend the private road beyond the 500-foot threshold, the road shall be constructed to meet minimum standards for a public road for the proposed road classification.
- D. Private roads shall have language included in the final plat map allowing additional parcels to connect to the proposed private road and to make alterations to the track to accommodate future development. Future connecting parcels shall be added to the maintenance responsibility of the private road through recorded documents on each property title.
- E. Private roads (including maintenance roads) shall be designed to accommodate access (pedestrian and/or vehicle depending upon facility) to any storm drainage facility. Specific access requirements shall be coordinated with Public Works. All private road tracts shall have language that allow access for maintenance and/or replacement purposes.
- F. Before a private road can be made public, the private road shall be improved to meet the Standards for a public road. Exemptions may be approved on a case-by-case basis.
- G. If a private road is to be converted to public right-of-way, the Applicant shall be responsible for all documentation and recordings necessary to transfer the private road to public ownership including notifications to adjacent property owners.
- H. Alleys, when appropriate, shall be designed to meet all the following standards:
 - 1. Serve a maximum of 30 dwelling units
 - 2. Have a maximum length of 400 feet
 - 3. One-way road that connects two other streets (private or public); alleys cannot be dead-ends or cul-de-sacs and shall not intersect other alleys.

4. In a dedicated tract with a minimum width sufficient to construct the alley and related grading.
 5. The minimum paved width shall be 10 feet, maximum paved width shall be 14 feet.
 6. The surface shall be paved, sloped to the centerline of the alley and provided with an inverted crown to control surface runoff as far from the buildings structures as feasible. Catch basins shall be provided in each alley to collect storm water prior to crossing any current or proposed walkways.
 7. Modifications to existing alleys may be considered on a case-by-case basis subject to approval by the City Engineer.
 8. Approaches shall be per Section 5-04A/B (1. and 2.)
 9. An alley may not serve as the only access to a lot.
- I. Private roads shall be designed to meet all the following standards:
1. Design widths for all private road features shall be per Table 6.1.
 2. Private road approaches (from a public road):
 - i. Shall be designed per the driveway standards in Section 5.04.
 - ii. Private roads that will exceed 500 average daily trips both entering and existing shall be designed as an intersection per Chapter 7.
 - iii. Private road approaches may be required to be designed with a specific turning radius and/or curb returns as determined by the Fire Marshall.
 - iv. Where private roads are required to be designed with curb returns, private roads shall be spaced per Section 7.02 when feasible, otherwise to the maximum extent possible.
 3. Obstructions (such as, but not limited to: walls, fences, poles, and above ground utilities features) shall be placed a minimum of 1 foot beyond the limits of the paved surface.
 4. When located along an existing or proposed property line, the paved access (not including separated pedestrian walkways) shall be positioned within the tract to accommodate a 5-foot setback along the property line.
 5. Geometric design and profile shall meet the standards of a local road.
 6. If the length, measured from centerline of intersecting street to furthest extent of the road exceeds 150 feet in length as measured in 5.03A, a turnaround must be provided and approved by the Fire Marshal. See Section 6.10 for turnaround design requirements.
 7. Paved surface may be installed with an inverted crown (flow-line in the center) or sloped in one direction with a vertical curb to control surface runoff. Catch basins shall be provided in each private access tract to collect storm water prior to crossing any current or proposed walkways. Additional easements may be required for utilities and drainage.
 8. Surface water from new roads shall not be permitted to flow across any public walkway unless otherwise approved by the City Engineer.
- J. Joint use driveways shall be designed to meet all the following standards:
1. A joint use driveway shall serve a maximum of two (2) dwelling units.
 2. Pavement width shall be between 16 and 20 feet.
 3. Minimum tract width shall be the pavement width plus 6 feet when adjacent to an existing property line; if not positioned along an existing property line the tract width may be reduced to 2 foot plus the pavement width.

4. Obstructions, such as walls, fences, poles, above ground utilities feature, shall be placed a minimum of 1 foot beyond the limits of the paved surface.
5. The paved access shall be positioned within the tract to accommodate a 5-foot setback along an existing property line and 1-foot setback along newly created property lines.
6. The length, measured from centerline of the nearest intersecting public roadway to furthest extent of the last driveway, shall not exceed 300 feet in length without a street end (see Section 6.10). Additional requirements for pavement radii and pavement width may be necessary as determined by the City Engineer.
7. Paved surface may be installed with an inverted crown (flow-line in the center) or sloped away from the adjacent property line with a thickened edge or curb to control surface runoff. Catch basins shall be provided in each private access tract to collect storm water prior to crossing any current or proposed walkways.
8. Driveway profiles and elevations shall comply with the intersection grade requirement per Section 7-06.
9. Additional easements may be required for utilities and drainage.
10. Joint use driveways shall comply with Section 5.04. Any conflicts with this Section and Section 5.04, the stricter provision shall apply.

5.04 Driveways and Driveway Approaches

This section provides driveway and driveway approach standards to public and private roads. It is not the intent of these Standards to govern design or location of driveways on private property except where they connect to the road where minimum setbacks are required along property lines and where safety is a concern. However, fire access requirements governed by the Fire Code (KMC 15.10) and KMC Title 18, establish criteria for driveway widths.

A. General Driveway/Driveway Approach Requirements:

1. New driveway approaches shall generally comply with KSD 8-006 for Type 1 Driveway Approach. The sidewalk at back of the driveway apron shall be designed to meet ADA Standard Guidelines. Elevation changes required for the driveway apron to meet road grade shall be accomplished within the limits of the amenity zone and shall not intrude upon the sidewalk.
2. Type 2 Driveway Approaches (depressed driveways) are not permitted on public roadways unless otherwise approved by the City Engineer. Exemptions may be granted on a case-by-case basis where existing sidewalk, on local roads in front of adjacent parcels, has no amenity zone. Type 2 driveways are allowed on private roads. If approved, depressed driveways shall generally be designed and constructed to comply with KSD 8-007.
3. A right-of-way use permit or engineering permit, as appropriate, is required by the City prior to beginning construction within the right-of-way.
4. All driveways must be paved within the limits of the public right-of-way. From back of sidewalk to the right-of-way line, pavement may be either asphalt or concrete.
5. Driveway profiles and elevations shall comply with the intersection grade requirement per Section 7-06.
6. All abandoned driveway/driveway approach areas along the frontage shall be removed. The curbing, sidewalk, and/or shoulder and ditch section shall be properly restored to these Standards.

7. Maintenance of driveways and driveway approaches, including any regulatory signage or pavement markings, shall be the responsibility of the owner whose property they serve.
 8. The City and franchised utilities are not obligated to replace alternative surfacing material within the public right-of-way with a like material and may, at the City Engineer's discretion, replace existing driveways and driveway approaches with standard asphalt or concrete within the right-of-way.
 9. Grade transitions, excluding the tie-in to the road, shall be constructed as smooth vertical curves. The maximum change in driveway grade within the right-of-way shall be 8 percent within any 10 feet of distance on a crest and 12 percent within any 10 feet of distance in a sag vertical curve. Whenever there is a potential for future road widening, the driveway shall be graded to match the future widened road section without encroachment into the sidewalk.
 10. For driveways crossing an open ditch section, culverts shall be adequately sized to carry anticipated storm water flows and at a minimum the culvert shall be equal to or larger than any existing pipes within 500 feet upstream or downstream; in no case shall the minimum pipe size be less than 12-inch in diameter. Pipe should be long enough to account for the driveway side slopes and shall be per KSD 7-001 (Beveled End Pipe Section) and 7-011 (Debris Cage for Culvert). The property owner making the installation shall be responsible for determining proper pipe size. The City may require the owner to verify the adequacy of pipe size.
 - i. Additional requirements may apply when the driveway crosses a classified stream per KMC 18.55 including, but not limited to, fish passable culvert, habitat restoration, and other requirements for a *Hydraulic Permit Approval* (HPA) from WDFW.
 11. Storm drainage from driveway and driveway approach surfaces must be accounted for in the roadway drainage design.
- B. Single Family Residential Driveway and Driveway Approaches:
1. Driveways and driveway approaches must be a minimum length of 20 feet, measured along any point between the nearest tract/easement/right-of-way line of a shared access or roadway and the nearest edge of the parking area/carport/garage required per KMC 18.40.030. Driveways may not exceed 45 feet in length if feasible.
 2. Driveways and driveway approaches shall have a minimum width of 10 feet and a maximum width as follows:
 - i. Driveways and driveway approaches accessed from private roads shall have a maximum width of 35 feet.
 - ii. Driveways and driveway approaches accessed from public roads shall have a maximum width of 20 feet at the right-of-way line. Driveways may be widened to a maximum of 35 feet beginning at a minimum of 5 feet from the right-of-way line.
 3. Driveways shall be continuously paved or surfaced with gravel between the public right-of-way and the parking area required by KMC 18.40.030, unless otherwise approved by the City of Kenmore.
 - i. This requirement shall not restrict the use of alternative pavement types (such as porous pavements or pavers) and methods (such as wheel strips) to meet flow control BMP or Low Impact Development requirements.
 - ii. Driveways with a slope exceeding 5% in grade shall be paved; gravel surfacing will not be permitted on steep driveways.
 4. If frontage improvements do not exist and are not required, driveway approaches from the right

of way line to the edge of pavement shall be HMA unless otherwise approved by the City Engineer.

C. Commercial, Industrial, & Multi-Family Driveways and Driveway Approaches:

1. Driveways, when designed, must be a minimum length of 40 feet, measured along any point between the nearest tract/easement/right-of-way line of a shared access or roadway and the nearest edge of the parking area/carport/garage required per KMC 18.40.030.
2. Driveways and Driveway approaches shall have a minimum width of 24 feet and a maximum width of 36 feet.
3. Driveways shall be continuously paved between the public right-of-way and the parking area require by KMC 18.40.030.
 - i. This requirement shall not restrict the use of alternative pavement types (such are porous pavements or pavers) and methods (such as wheel strips) to meet a flow control BMP or Low Impact Development requirement.

D. Townhome Driveways and Driveway Approaches:

Driveways lengths shall be 20 feet when accessed from a public road with a width between 8 feet and 20 feet. Driveways are not required when accessing from a private road. If driveways are proposed off of a private road, they shall follow the requirements for access from a public road. Driveway approaches to garages from private roads shall not exceed 6 feet in length. Any conflicts with the KMC, the KMC shall prevail.

E. Location of New Driveways.

1. Driveway location is subject to City approval.
2. No portion of driveway width shall be allowed within 5 feet of any existing side property lines.
 - i. Exceptions may be granted without a formal variance request for access panhandles to single lots and for lots taking access from a cul-de-sac bulb; in such cases the driveway shall be located, and possibly reduced in width, to provide the largest setback feasible.
 - ii. A setback variance may be approved if approval from the adjacent property owner(s) is received.
3. No two driveway approaches along a public right-of-way shall be closer together than 20 feet on arterial/collector roads and 10 feet on local roads where it intersects with the street right-of-way line. Distance is measured from the edge of the driveway.
 - i. Exceptions may be granted without a formal variance request for access panhandles and for lots taking access from a cul-de-sac bulb; in such cases the driveway shall be located, and possibly reduced in width, to provide the largest separation feasible.
4. On frontages 100 feet or less, no more than one driveway/driveway approach per lot shall be constructed. On frontages over 100 feet, the City may permit two driveways/driveway approaches per lot, subject to bullet 5 of this section, Section 10.02, and City Engineer approval.
5. Project sites which have multiple frontages, such as corner lots or lots with public roads on the front and back of the lot, access must be taken from one side only and access must be from the street with a lower classification (or volume) unless otherwise approved by the City Engineer. Removal of existing improvements or obstruction such as, but not limited to, walls, fences, or existing utilities shall not be sufficient to determine an access infeasible. Additional access from the other frontages may be granted where all road frontages exceed 100 feet, subject to City Engineer approval.
6. Driveways shall not be allowed within 30 feet of an existing or planned intersection radius return (curb or edge of pavement) and shall be positioned as far from an intersection as feasible.

7. Driveways shall not be allowed within 20 feet of any marked crossing.
 8. Driveways shall be located at existing or proposed easements or tracts adjacent to the property.
 9. Driveways shall intersect the right-of-way/tract/easement at an angle between 85° and 95° and shall maintain this requirement for all portions of the driveway which lie within a public right-of-way. Exceptions may be granted for driveways within the limits of a cul-de-sac bulb.
 10. Driveway approaches along SR522 shall follow the requirements of KMC Chapter 12.85. Where a conflict arises between KMC 12.85 and these Standards, KMC 12.85 shall prevail.
 11. Notwithstanding any other provisions, driveways/driveway approaches will not be allowed where they are prohibited by separate City Council action or where they are determined by the City to create a hazard or impede the safe operation of traffic on the road.
- F. For land development projects and/or changes in use, existing driveways and driveway approaches which do not conform to this chapter shall be reconstructed to the Standards.
- G. Pedestrian/bicycle sight distance must be maintained for all driveways and driveway approaches.
1. For the intersection of a driveway with a public street, a sight distance triangle for a site access point shall be determined by measuring 15 feet along the edge of travel way and 15 feet along the edges of the driveway beginning at the respective points of intersection. The third side of each triangle shall be a line connecting the end points of the first two sides of each triangle.
 2. Where pedestrian walkways exist at an intersection of a driveway with the public street, a sight distance triangle for a site access point shall be determined by measuring 15 feet along the back edge of the walkway and 15 feet along the edges of the driveway beginning at the respective points of intersection. The third side of each triangle shall be a line connecting the end points of the first two sides of each triangle.
 3. For the intersection of a driveway with a public street with bicycle facilities a sight distance triangle along the driveway shall be determined by measuring 100 feet along each bicycle facility approach which must be crossed by a vehicle entering traffic from the driveway and 10 ft along the edges of the driveway at the near edge of the bicycle facility. The third side of each triangle shall be a line connecting the end points of the first two sides of each triangle. Larger sight distance triangles for bicycle facilities may be required at the discretion of the City Engineer.
 4. With the exception of narrow objects (sign posts, single mail box posts, trees, utility poles, etc.), the area of sight distance triangle between 3.5 and 8 feet above finished grade shall remain clear.

5.05 Parking Lots

Parking lots, including the amount of required off-street parking stalls, stall dimensions, and drive isle dimensions and layout, shall be designed and constructed in compliance with KMC 18.40.

- A. On-street parking stalls located within or requiring turning movements within the public right-of-way shall not be counted toward the required number of off-street stalls except as permitted by KMC 18.29.070. Where on-street parking or parking within the right-of-way is to be counted toward the parking requirement, the parking stalls shall:
1. Comply with the dimension requirements of KMC 18.40, and
 2. Be located outside of existing or future vehicle travel lanes, and
 3. May require additional pavement width in excess of the minimum widths listed in these Standards, and

- B. On-street parking stalls may be removed at any time at the discretion of the City Engineer.
- C. The number of ADA compliant parking stalls provided on each site shall comply with KMC 18.40.060 and current ADA Standard Guidelines.
- D. Where off-street parking stalls and driveways are not directly accessed from the public right-of-way, roadways providing access to the off-street parking area shall meet the standard of a private road including the requirement for a pedestrian walkway.
- D. All marked pedestrian crossings on private internal commercial drive aisles shall be designed and constructed as speed tables which provide an elevated crossing for pedestrians.
 - a. Speed tables shall be treated with colored concrete, pavers or other visual cues to the presence of the table and crosswalk.

Section 6: Road Design

This chapter sets the minimum standards for geometric street design of public roads, commercial/industrial roads, and private roads where noted. The City's street classification map is included in Appendix A.

6.01 Reconstruction

Reconstructed, altered, widened, or improved roads shall be brought into compliance with these Standards.

- A. For the purposes of this section, utility installations alone shall not be considered reconstruction but must still meet the standards and requirements of Chapter 11.
- B. Transitions or tapers necessary to connect with existing roads of a different width shall meet AASHTO and MUTCD standards.

6.02 Applicable Standards

Projects adjacent to an existing road shall improve the existing road to the current Standards for its current classification per Section 6.03, 6.04, or 6.05, except where project impacts result in a reclassification of the road.

- A. Projects adjacent to existing roads in which the project impacts result in the change of the road classification as noted below shall be required to improve the entire road to the current Standards for the new classification. Limits of the roadway upgrade shall be determined by the City.
- B. Subdivision and residential projects shall construct internal roads per Section 6.04 or Section 5.03.
- C. Commercial, industrial, townhome, and multi-family projects shall construct internal roads per Section 6.05 and Section 5.03, as applicable. The classification of new internal roads for these types of projects shall be determined by the City.
- D. Private roads for townhome and multi-family developments shall construct internal roads providing access to parking areas per Table 6.1 and Section 6.05, except that the required 4-foot sidewalk on private roads may be relocated as needed to provide pedestrian access to the main entrance of each unit.
- E. Alternative road designs may be proposed on any road type when approved by the City Engineer. Alternative road sections shall follow the guidance of Section 6.13.

6.03 Typical Road Cross Sections

Right-of-way widths shall be a minimum of 60-feet. Local road widths may be reduced to 46 feet at the discretion of the City Engineer. Right-of-way dedications may be necessary to meet the minimum right-of-way width. The City Engineer shall determine the amount of dedication required to meet the minimum right-of-way width.

Certain roads have an established cross section that may differ from the standard design requirements shown in the Standards. Those roads shall be improved in accordance with the Standards AND to the configuration and widths as shown in the appropriate Figure in Appendix B. Any conflicting information between the cross sections and other requirements in the Standards, the cross sections shall take precedence.

6.04 Typical Sections for Single Family Residential Access Roads

New roads for single family residential projects shall be constructed per Table 6.1. For existing roads (including private roads converting to public), the road classification identified for that road will be used to determine the Standards for design in Table 6.1.

- A. Vertical curbing is required on both sides of all roadway types unless an inverted crown or full width sloped road is proposed and approved.
- B. Vertical curbing shall be constructed per Sections 8.02, 8.03, and 8.04.
- C. On local roads, sidewalk is required on any side of the road which will be adjacent to newly created lots, structures, or driveways; in no case shall a road be constructed without sidewalk on at least one side.
 - 1. Maintenance access roads, required solely for utility or park maintenance, shall not trigger the sidewalk requirement.
 - 2. New roads where new lots, structures, or driveways are only proposed on only a portion of one-side of the road, the frontage improvement requirements shall be applied to the entire length of proposed roadway out to the nearest intersecting roadway.
 - 3. For new single lot developments, structures or driveways, frontage improvements shall be required the full width of the parcel.
 - 4. Additional walkways may be required for roads which are identified as priority pedestrian routes or school walk routes.
- D. Sidewalk shall be constructed per Sections 8.01, 8.03, and 8.04.
- E. Amenity zones, per Section 8.10, are required on as noted in Table 6.1. Where sidewalk is proposed on public roads, amenity zones are required between the curb and sidewalk unless otherwise approved by the City Engineer.
- F. Half-street Improvements: Where a proposed road is adjacent to an undeveloped parcel or a parcel that may be subdivided per the KMC, the roadway shall be sized to accommodate future development on the adjacent parcel(s). Only in the case that the anticipated use of the adjacent site increases the residential roadway classification which would have otherwise been required for the immediate or initial project, the Developer shall be required to improve the road to a half-street standard. The half-street standard shall:
 - 1. Require a minimum pavement width per Table 6.1.
 - 2. Maintain a minimum 5-foot setback between the edge of pavement and adjacent property line.
 - 3. Slope roadways to drain to gutter line. Crown of road shall be located on far side of roadway.
- G. In cases where a project develops next to a road previously constructed with a reverse crown or sloped in one direction, and the road shall be made (or currently is) a public road, the road shall be constructed to these Standards. The Applicant shall be required to saw cut the pavement at the future roadway center as determined by the City and establish a typical crown. The Applicant shall construct all required elements on the near side of the established crown.
- H. Arterials or collectors intersecting with other arterial or collector roads shall be 32 feet wide for the first 150 feet. Total improvement and right-of-way widths shall be adjusted accordingly.
- I. Edge of roadway pavement for private roads shall be built with a 5-foot minimum distance from any residential zoned property line.
- J. Pavement markings shall be clearly shown on the project construction drawings and shall be reviewed by the City prior to construction of the roadway improvements. Pavement markings shall be designed to maximize traffic calming opportunities while maintaining on-street parking to the maximum extent feasible.
- K. Parking restrictions shall be consistent with Table 6.1 except where otherwise directed by the City. Where parking restrictions are required, the Applicant shall be responsible for “no parking” signs in compliance with MUTCD.
- L. See Chapter 9 for pavement design and material requirements.

6.05 Typical Sections for Commercial, Industrial, Townhome & Multi-Family Access Roads

New roads for commercial/industrial projects shall be constructed per Table 6.1. At the discretion of the City Engineer, where a street is proposed (either through City planning or possible development through zoning allowances) that may be connected to an existing public road, the private road shall be constructed to meet minimum standards for a local road. See Section 5.03 for further requirements.

- A. New roads for townhome projects may be constructed as either public or private roads as noted in and to the general widths provided for in Table 6.1.
- B. For existing public roads, see cross sections in the Appendix. If no cross section exists, road widths shall be per table 6.1.
- C. Access to public owned sites (parks, maintenance yards, public buildings, etc.) and utility infrastructure sites shall be classified as Industrial/Commercial.
- D. Curbing shall be constructed per Sections 8.02, 8.03, and 8.04.
- E. Sidewalks on internal roads are required for publicly accessible site developments unless otherwise approved by the City Engineer.
- F. On roads required to be public, sidewalk is required on any side of the road which will be adjacent to newly created lots, structures, or driveways.
 - 1. Maintenance access roads, required solely for utility or storm water maintenance alone, shall not trigger the sidewalk requirement.
 - 2. Where new lots, structures, or driveways are only proposed on a portion of one-side of the street, the sidewalk requirement shall be applied to the entire length of proposed road out to the nearest intersecting roadway with a walkway.
 - 3. For new single lot developments, structures or driveways, sidewalk shall be required the full width of the parcel.
 - 4. Assessable routes shall be continuous from the end of the proposed road to the connecting road. Road crossing treatments may be required as directed by the City.
- G. Sidewalk shall be constructed per Section 8.01, 8.03, and 8.04.
- H. Amenity zones, per Section 8.10, are required as noted in Table 6.1.
- I. Roads intersecting with arterial or collector roads shall be a minimum of 32 feet wide for the first 150 feet. Total improvement and/or right-of-way widths shall be adjusted accordingly.
- J. Edge of roadway pavement shall not be built within 5 feet of a residential property line.
- K. Pavement markings shall be clearly shown on the project construction drawings and shall be reviewed by the City prior to construction of the roadway improvements. Pavement markings shall be designed to maximize traffic calming opportunities while maintaining on-street parking to the maximum extent feasible, if required.
- L. Parking restrictions shall be consistent with Table 6.1 except where otherwise directed by the City. Where parking restrictions are required, the Applicant shall be responsible for “no parking” signs in compliance with MUTCD.
- M. See Chapter 9 for pavement design and material requirements.

Table 6.1: Road Width Standards¹

Road Type	Arterial/Collector	Local Road	Private Road ⁶
General Description	- As noted on the Road Classification Map - Others as approved	- Generally providing access to a fixed number of lots - Dead-end roads >500 ft in length - Townhome project/site - (>50 units);	- Dead-End roads ≤500 ft in length - Townhome project/site - (≤50 units); - Multi-family project/site - Industrial/Commercial Roads
Public or Private	Public	Public	Private ⁷
Design Speed²	35 mph	25 mph	15 mph
Minimum Pavement Width³ (Curb to Curb)	Case-by case basis	20 feet	20 feet
Total Minimum Improvement Width³ (Back of walk to back of walk)	Case-by case basis	41 feet ⁵	25 feet ^{8,10}
Total Minimum Right-of-Way/Tract Width³	Case-by case basis	46 feet (60 feet with full parking) ⁵	26 feet ^{8,10}
Sidewalk Requirement⁹	Both Sides	Both Sides	One side ⁸
Minimum Sidewalk Width	6 feet	6 feet	4 feet
Amenity Zone Requirement	Both sides	Both sides	None
Minimum Amenity Zone Width	4 feet	4 feet	N/A
Curb Type	Vertical	Vertical	Vertical or Rolled ¹⁰
Pavement Marking⁴	As directed	As directed	None
On-Street Parking⁵	No Parking Allowed	Allowed on both sides (8 ft minimum width)	As approved by City
Typical Lane Width	10.5 feet	10 feet	N/A

¹ The following standards are typical for the roadway type listed. Additional requirements/widths are outlined in the road cross sections in Appendix B and take precedence over this table.

² The design speeds listed are a basis for determining geometric elements and does not imply posted or legally permissible speed.

³ Bike lanes with buffer or additional utility service requirements may be required, increasing the total width of the cross section. Additional road width is required near intersections with arterial or collector roads per Section 6.04.H and 6.05.I.

⁴ Pavement marking shall be as directed by the City in compliance with Section 6.04.J and 6.05.K.

⁵ Parking requirements are general recommendations subject to City review and approval. Parking on one side may be allowed within the minimum 20-foot pavement width at the discretion of the City Engineer. See cross sections for exceptions. Signage is required in compliance with Section 6.04.K and 6.05.L. On street parking is not allowed on Industrial/Commercial interior roads.

⁶ For alleyway requirements, see section 5.03H.

⁷ Existing public streets proposed for access shall remain public and revised to meet minimum requirements of that road classification.

⁸ Sidewalk not required for private roads that serve ≤10 units and are less than 200 feet in length.

⁹ Pedestrian connections from sidewalk to all main entrance doors must be made.

¹⁰ Curbing is not required where an inverted crown is installed.

6.06 Stopping Sight Distance

Stopping Sight Distance (SSD) is required for approaches (public and private) to all roadways regardless of classification. SSD shall not apply to all-way stop-controlled intersections. SSD is the sum of two distances; the distance traveled during perception and reaction time and the distance required to stop the vehicle. For pedestrian sight distances, see Section 5.04G. The following are for all intersecting roadways (public and private):

- Measurements shall be taken from the inside edge of the travel lanes. If a marked bike lane is present, measurements shall be taken from the center of the bike lane.
- The perception and reaction time used in design is 2.5 seconds at the design speed. The stopping sight distance is calculated using a constant deceleration rate of 11.2 feet/second².
- The grade of the roadway effects the vehicle's stopping sight distance. The stopping distance is increased on downgrades and decreased on upgrades. When calculating sight distance with a changing grade, use the grade for which the longest sight distance is needed. Road grades other than those shown in Table 6.2 must be interpolated or calculated from the below equation:

$$S = 1.47 * V * (2.5) + \frac{V^2}{30 * [0.347826 \pm (G/100)]}$$

Where:

S = Stopping sight distance on grade (ft)

V = Design speed (mph)

G = Grade (%)

Table 6.2: Stopping Sight Distances

Minimum Sight Distance Required (ft)							
DESIGN SPEED (MPH)	No Slope	3% Down	6% Down	9% Down	3% Up	6% Up	9% Up
45	360	378	400	427	344	331	320
40	305	315	333	354	289	278	269
35	250	257	271	287	237	229	222
30	200	205	215	227	200	184	179
25	155	158	165	173	147	143	140
20	115	116	120	126	109	107	104
15	80	80	82	85	75	74	73

- When evaluating forward stopping sight distance, use an eye height of 3.50 feet and an object height of 0.50 feet. When evaluating intersection stopping sight distance a 2-foot object height may be used.
- Sag vertical curves on residential or commercial streets that do not meet the minimum SSD may be approved by the City Engineer if no practical design exists and if acceptable illumination is provided

throughout the curve and is maintained by a franchised utility. Illumination shall be per Section 8.11. Additional signage may be required as determined by the City Engineer.

6.07 Entering Sight Distance

Entering Sight Distance (ESD) requirements in this section and in Table 6.3 apply under average conditions. In difficult topography, the City Engineer may authorize a reduction in the ESD based on factors mitigating the hazard. Such factors may include an anticipated posted or average running speed less than the design speed or the provision of acceleration lanes and/or a median space allowing an intermediate stop by an approaching vehicle making a left turn. Specific ESD values for required design speeds are listed in Table 6.3 or calculated from the below equation.

- A. ESD applies to the following locations:
 1. Intersections with arterial roads with stop control on the minor leg only; or
 2. driveway approaches to an arterial road; or
 3. Approaches within the ESD triangle from a signalized intersection.
- B. Entering vehicle eye height is 3.5 feet, measured 10 feet back from edge of traveled way. Approaching vehicle height is 2 feet.
- C. Where a significant number of trucks will be using the approach road, the City Engineer may increase the entering sight distance requirements by up to 30 percent for single-unit trucks and 70 percent for semi-trailer combinations.
- D. Measurements shall be taken from the inside edge of the travel lanes. If a marked bike lane is present, measurements shall be taken from the center of the bike lane.

$$E_s = 1.47 * V * t_g$$

Where:

E_s = Stopping sight distance on grade (ft)

V = Design speed (mph)

t_g = 7.5 seconds (see footnotes of table 6.3)

Table 6.3: Entering Sight Distances

Design Speed (mph)	20	25	30	35	40	45
Entering Sight Distance (Ft.) ^{1 2 3}	220	275	330	385	440	495

¹ Entering sight distance shown is for a stopped passenger vehicle to turn left onto a two-lane arterial with no median and an approach grade of three percent or less for the turning vehicle. For other conditions, the time gap should be adjusted and required sight distance recalculated. (See AASHTO – Intersection Control section).

² For multilane roadways: For left turns onto two-way arterials with more than two lanes, add 0.5 seconds for passenger cars or 0.7 seconds for trucks for each additional lane from the left, in excess of one, to be crossed by the turning vehicle.

³ For minor and approach grades: If the approach grade is an upgrade that exceeds three percent; add 0.2 seconds for each percent grade for left turns.

6.08 Horizontal Curve Criteria

The minimum centerline radius on local roads shall be as shown in Tables 6.4 or calculated from the below equation. For combination curves (horizontal and vertical), refer to AASHTO.

- A. Super-elevation is not required in the design of horizontal curves on local roads.
- B. Should the re-design of an existing arterial or construction of a new arterial be needed, the horizontal curvature shall be designed in accordance with current AASHTO standards.
- C. See Table 6.1 for required design speed values.
- D. Horizontal curve radii may be reduced based upon the expected travel speeds as designed by a Licensed PE. Reductions in minimum radius design value may require supplemental signage as directed by the City.

$$R_{min} = \frac{V^2}{15 * (0.01 * e_{max} + f_{max})}$$

Where:

R = Radius

V = Design speed (mph)

e = Superelevation rate (in decimal form)

f = side friction factor

Table 6.4: Minimum Radius Design Values

Design Speed (mph)	15	20	25	30	35
f _{max} (e = 0%)	0.32	0.27	0.23	0.2	0.18
Minimum Radius (Ft.)	47	99	181	300	454

6.09 Vertical Alignment

Maximum roadway grades on all newly constructed roads shall not exceed 15% maximum. Grades exceeding the maximum requirement require approval from the Fire District and City Engineer.

- A. Grades exceeding 10 percent shall be paved with hot mixed asphalt (HMA) or portland cement concrete (PCC).
- B. Grade transitions shall be constructed as smooth vertical curves, without angle points, except in intersections where the difference in grade is one percent or less.

6.10 Street Ends

All public roads with a street end require an approved turnaround. Any private road that serves more than six lots or which extends more than 150 feet from the centerline of the accessing road to farthest extent of the surfaced traveled way (including utility access roads) requires an approved turnaround.

- A. Hammerheads: A hammerhead turn around may be used to satisfy the turnaround requirements for joint use driveways and for private roads between 150 feet and 300 feet long.

1. Hammerhead shall be designed per KSD 2-002.
2. Final hammerhead dimensions and layout shall require Fire Marshal approval.
- B. Permanent Cul-de-sac Bulbs: A cul-de-sac bulb is the required turn-around type for any public roadway and any private roadway greater than 300 feet in length. Cul-de-sacs shall be constructed as follows:
 1. Cul-de-sac shall be designed per KSD 2-003.
 2. Minimum right-of-way diameter across bulb section: 100 feet in a permanent cul-de-sac; right-of-way may be reduced if approved by the City Engineer.
 3. A Minimum 80-foot diameter of asphalt pavement across bulb is required.
 4. The City may require an emergency vehicle access and/or an off-street walkway to connect a cul-de-sac at its terminus with other roads, parks, schools, bus stops, or other pedestrian traffic generators.
 5. The City may require signage or pavement markings to be installed within the bulb to restrict parking and maintain emergency access.
 6. The maximum cross slope in a bulb shall not exceed 6 percent in any direction.
- C. Temporary Cul-de-sac Bulbs: If a street temporarily terminates at a property boundary that may potentially become public (see Section 5.03) and is longer than 150 feet, a temporary bulb shall be constructed near the development boundary.
 1. A temporary public easement shall be provided for the bulb area lying outside the typical right-of-way.
 - i. Temporary cul-de-sac easements shall be extinguished once the proposed street extension is constructed and approved by the City.
 - ii. The Applicant /Developer will be responsible for preparing the necessary documentation to extinguish the easement.
 2. The paved bulb shall be 80 feet in diameter with sidewalks terminated at the point where the bulb radius begins.
- D. Removal of the temporary constructed cul-de-sac, restoration of landscaping, pavement markings, and construction of the extension of the sidewalk shall be the responsibility of the Applicant/Developer who extends the road.
- E. A cul-de-sac island will not be permitted unless it is included as a flow control BMP, LID feature, or other surface storm water facility which will be maintained as a storm water facility by the City or a homeowners association. If an island is proposed, the full limits of the paved cul-de-sac bulb shall be sloped toward the island and all runoff shall enter to island area without the need for additional storm drain inlets within the paved limits.

6.11 Access and Circulation

No road shall serve more than 50 single family resident lots or townhome units unless the road is connected to another road that functions at a same level or higher. Roadway upgrades to these Standards on existing roads may be required. Additionally, every effort shall be made to provide a second access through the building permit process.

- A. The second access requirement may be satisfied through use of connecting a new road to an existing road if:
 - (1) No other practical alternative exists, or

- (2) Existing road was previously stubbed indicating intent for future access, or
- (3) An easement has been recorded specifically for said purpose.
- B. The second access requirement may cause the construction of an off-site road connecting the development to a suitable serving road.
- C. These provisions are not intended to preclude the state statute on land locking.
- D. This section does not preclude a non-residential project from gaining access through a residential development. Traffic impacts for such projects will be analyzed during the environmental and permitting process.

To encourage the use and maintenance of public roads, front door access to single family residences (SFR) shall be taken from a public road where feasible. On parcels with front and back frontages, front door access shall be taken from the higher classified road where feasible. On corner parcels, front door access may be taken from either side. Garages/parking access for SFR shall be taken from the lesser classified road when two access points are available.

6.12 Traffic Calming and Safety Treatments

Wherever necessary for the safe operations of multi-modal transportation to address existing or anticipated speed concerns or to mitigate for traffic volume impacts as determined by the City Engineer, the City may require traffic calming measures on newly constructed or existing roadways. The following are types of treatments that may be considered:

A. Speed Humps:

- 1. Speed humps shall generally be designed, constructed, and marked per KSD 2-005
- 2. Considerations for drainage shall be applied where proposed speed humps obstruct the existing or natural flow of surface water.
- 3. Speed humps which cross an existing or proposed walkway shall be modified to maintain a pedestrian pathway which is ADA compliant.
- 4. Speed humps which cross an existing or proposed bicycle lane shall be modified to provide appropriate consideration for bicyclists.
- 5. Speed *bumps*, identified as those devices with widths along the direction of travel that are less than 3 feet, are not permitted on public roads unless written justification for their use due to site restrictions is provided to the City and is approved by the City Engineer.
- 6. Size and location of speed humps shall be coordinated with the Fire Marshall and ambulance services.

B. Chicanes/Pinch Points:

- 1. When it is determined that a roadway or section of roadway is to be narrowed that allows only one vehicle to pass at a single time, a lane width between 10 and 14 feet shall be provided for vehicular traffic.
- 2. Pinch points may be created by placement of on-street parking, curb extensions, pavement markings/tubular markers, or other delineations as approved by the City Engineer.
- 3. Chicanes may be created and shall be uniquely designed for each site to address emergency access concerns and shall be approved by the Fire Marshal prior to construction of the improvements.

4. Considerations for drainage shall be applied where proposed chicanes or pinch point devices obstruct the existing or natural flow of surface water.
5. Chicanes/Pinch points which cross an existing or proposed walkway shall be modified to maintain an ADA compliant pedestrian pathway.
6. Chicanes/Pinch points which cross an existing or proposed bicycle lane shall be modified to provide appropriate consideration for bicyclists.

C. Traffic Circles/Mini-Roundabouts:

1. The impacts evaluated for implementation of traffic circles or mini-roundabouts may exceed the typical *Level of Service* evaluation and shall include safe movements for all users of the intersection including pedestrians, bicyclist, personal vehicles, anticipated transit vehicles, anticipated freight/service vehicles, and emergency services vehicles.
2. Mini-Roundabouts shall be uniquely designed for each site but shall generally follow the guidelines of the *WSDOT Design Manual* Chapter 1320.
3. Traffic circles shall be uniquely designed for each sight but shall generally follow KSD 2-001.

D. Speed Tables or Raised Crosswalks:

1. In some unique cases, the City may request that portions of or the entire intersection be raised; the raised intersection shall generally be designed with the same guidelines.
2. Speed tables are required on all marked pedestrian crossings on all internal commercial/mixed use access roads.
3. Speed tables shall generally be designed and constructed per KSD 2-004
4. Speed tables must be constructed of a material which is of different color and texture than the drive aisle it crosses. If concrete is used on the top (flat) portion of the table, it must be stamped and/or textured with a pattern more distinguishable than standard brushing.

E. Rectangular Rapid Flashing Beacons (RRFB):

1. May be located at all priority pedestrian crossing routes. Priority routes are school walk routes, access to transit stops, and other locations as determined by the City Engineer.
2. The system shall be hard wired unless otherwise approved by the City Engineer. Solar powered systems may be approved at the discretion of the City Engineer.
3. RRFB shall flash in both directions of vehicle travel. The final system shall be approved by the City Engineer prior to installation.
4. Advanced warning speed feedback signs may be required at the discretion of the City Engineer.

F. Speed Feedback Signs:

1. Speed feedback sign manufacturer and model shall be determined by the City.
2. Signs may be solar or AC power as directed by the City.
3. Locations for signs shall be as directed by the City.
4. A minimum of one sign shall be installed in each direction.

G. Mid-Block Crossings:

1. RRFBs and cross walk markings are required at all marked mid-block crossings.
2. Pedestrian lighting shall be evaluated and may be required at all marked mid-block crossings.
3. Advanced warning flashing signs shall be required on each approach.
4. Signs and beacons must be hard-wired unless otherwise approved by the City Engineer. Solar powered systems may be approved at the discretion of the City Engineer.

- H. Alternative traffic calming devices may be proposed. Proposal must include a description of proposed device(s), justification for the alternative proposal, evidence of effectiveness, product data sheets and manufacturer (if applicable), and design schematic. All alternative traffic calming devices will require approval by the City Engineer.

6.13 Alternative Road Design Guidelines

Where specific projects can be better served by alternative road design elements such as shared spaces, living streets/Woonerf, cycle tracks, green alleys, and parklets, the Applicant and City staff shall coordinate the alternative design elements to promote the use of such designs in a manner that adequately addresses the safety concerns of the City. Some basic guidelines for some alternative design types have been provided below but these guidelines do not provide all the details needed for full construction and implementation of such designs; the Applicant must provide a unique design for such road types. Alternative road designs shall be privately maintained.

- A. **Living Streets:** The Living Street, shared-space roadway, or “woonerf” involves creating a road which is shared among pedestrians, bicyclists, and motor vehicles, and where pedestrians have priority over motor vehicles. The road is designed without a clear division between pedestrian and motor vehicle space (i.e., no continuous curb), to reduce vehicle speed and to encourage travel with caution. The street is lined with street furniture (e.g., planters, street trees, benches), parking areas, and areas for social interaction to encourage reduced vehicles speeds but also to promote greater use of the shared space. The end result is a road which is a livable and attractive environment for a variety of activities.
1. For roads which permit only one direction of travel, a minimum horizontal vehicle clearance of 10 feet shall be maintained.
 2. For roads which allow two directions of travel, a minimum horizontal vehicle clearance of 16 feet shall be maintained.
 3. The road must not include a continuous above-grade curb.
 - i. Short curb sections may be used in association with the required physical features noted below.
 - ii. A sunken curb or other method of distinguishing the surfaces available to vehicle travel may be required to meet current ADA Standard Guidelines.
 4. The road must be paved with an alternative pavement type which differs in color and texture from the adjacent roadways and walkways; concrete, if proposed, must be colored and stamped with a pattern more distinguishable than standard brushing. Pervious pavers are an acceptable alternative pavement type for such a use.
 5. Physical features such as street furniture, parking stalls, play areas, art, bike racks, and other constructed elements shall be provided on alternating sides of the roadway so that the minimum vehicle clearance is not exceeded for more than 50 continuous feet, unless otherwise approved by the City Engineer.
 - i. The required physical features shall create a shift in the vehicle clear area between 1/3 and 1/2 of the total vehicle clearance width, unless otherwise approved by the City Engineer (i.e. If a vehicle lane is 16 feet wide, the travel lane centerline must shift by 5.3 feet minimum and 8 feet maximum).
 - ii. The required physical features, including parking stalls, shall be rotated in use so that the same physical feature is not provided in consecutive locations along the road.
 - iii. Trees must be provided at minimum of 1/4 of the required roadside features.

6. The road must maintain a minimum “comfort zone” of 4 feet on each side. The comfort zone is the area beyond the limits of a straight line drawn along the outer limits of the vehicle path (farthest vehicle travel point on each side).
7. The road must include a sign at each entrance from a public/private roadway which states that the road is a shared space or living street; the sign shall be approved by the City prior to installation.
8. The road must include lighting features which are designed to provide a minimum of 1.5 foot-candles to all portions of the road and physical features with an average-to-minimum uniformity ratio of 3:1; the comfort zone need not be assessed for lighting.
9. Where parking stalls are provided within a living street, they may be counted toward the required minimum parking per KMC 18.40, provided that turning movements into the public right-of-way are not required to enter/exist the stall.

Chapter 7: Intersection Design

The design criteria in this chapter apply to roadway intersections. Intersections, as applied in this chapter, shall not include individual residential driveways or joint-use driveways, but shall include all other road types, both public and private. Intersection design shall conform to the guidelines set forth in AASHTO Policy on Geometric Design to the maximum extent feasible. For state highways, refer to WSDOT design manual(s).

7.01 Alignment

The angle of an intersection of two roadways or a driveway with a roadway shall be between 85° and 95° and must maintain this angle within the right-of-way for a minimum of 10 feet beyond the right-of-way or easement line for driveways and 30 feet beyond the curb radius for two roadways intersecting. Exceptions may be granted for driveways within the limits of a cul-de-sac bulb.

7.02 Spacing

Spacing between adjacent intersecting streets, whether crossing or T-connecting, shall be as shown in Table 7.1.

Table 7.1

When highest classification involved is:	Minimum centerline offset shall be:
Major Arterial and State Highway	500 feet
Collector	300 feet
Minor Arterial	150 feet
Local Road and Private Road*	100 feet

* See Section 5.03H

7.03 Design Vehicles

Intersections shall be designed to accommodate the design vehicle appropriate for the highest classified street forming the intersection.

- A. The intersection design shall accommodate the use of the roadway as a designated truck route, bus route, or school bus route, where appropriate. The following roads have been identified for design purposes only:
 1. Truck route: See Road Classification Map, appendix A.
 2. King County Metro/Sound Transit Bus Route: 73rd Ave NE (SR522 to NE 181st St), NE 181st St (73rd Ave NE to 68th Ave NE), 68th Ave NE (NE 181st to NE 170th St), Juanita Dr (NE 170th St to NE 153rd Pl), NE 153rd Pl (Juanita Dr to NE 155th St), NE 155th St (NE 153rd Pl to 84th Ave NE), 84th Ave NE (NE 155th St to NE 145th St), SR522
 3. School Bus Route: Coordinate with Northshore School District.
- B. The minimum design vehicle is the SU-30, although use of larger design vehicles may be required depending on roadway classification, truck and transit routes, and adjacent and proposed land use.
- C. All elements of the intersection shall be designed so the design vehicle will not encroach onto sidewalks, walkways, landscaped areas, or the opposing travel lane.

1. Improvements associated with traffic calming devices or alternative road designs may be designed with mountable curbs provided that the area is not part of a pedestrian pathway and is a paved surface.
2. Improvements associated with traffic calming devices or alternative road designs may be designed such that they result in temporary movements into the opposing traffic lane, provided that appropriate transitions and signage are provided.

7.04 Curb Radii

Curb radii design must balance vehicle turning movements with pedestrian safety. Typically, it is appropriate to use the smallest turn radii possible that still accommodates the design vehicle.

- A. Curb radii are not required for individual driveways (commercial or residential), alleys, and joint-use driveways.
- B. Private roads shall be designed as intersections as required in Section 5.03H.
- C. For design, round curb radii to the nearest five-foot increment.
- D. Typical curb radii based on street classification are shown in Table 7.2. However, these values may be impacted by site conditions, including width of receiving lanes, on-street parking, and angle of intersecting roadways.
- E. A proposal for a curb radius design must be accompanied by supporting documentation for review and approval by the City.

Table 7.2

Street Classification	Radius (feet)
Major Arterial, Minor Arterial, or Collector to Major Arterial, Minor Arterial, or Collector	35
Major Arterial, Minor Arterial, or Collector to Local Road	25
Local Road or Private Road to Local Road	20

7.05 Drainage

An intersection shall be laid out and graded so that surface water drains and the intersection is safe and accessible for pedestrians and bicyclists.

- A. Drainage structures shall not be placed in an ADA ramp, landing, or crosswalk area. Drainage structures may be installed in crosswalk area if no other feasible alternative is available.
- B. Drainage structures shall be located outside the corner radii to the maximum extent feasible.
- C. Drainage structures shall be placed at upstream side of existing or proposed curb ramps.

- D. All private roads shall collect onsite surface runoff and convey the runoff to the on-site or public drainage system without impacting the pedestrian or bicycle travel way.
- E. See Chapter 10 for additional requirements.

7.06 Intersection Grades

On sloping approaches at an intersection, landings shall be provided with grade not to exceed one-foot difference in elevation for a distance of 30 feet approaching an arterial or 20 feet approaching all other streets, measured from the edge of traveled way.

7.07 Pedestrian Treatments

Accommodations for pedestrians shall be designed into all intersections. Pedestrian accommodations include sidewalks, crosswalks, pedestrian refuge islands, flashing beacons, and pedestrian signals and signal buttons. All pedestrian accommodations must be designed to meet current ADA Standard Guidelines.

- A. Vaults, covers, castings, or drainage grates shall not be placed within the crosswalk or within curb ramps or landing areas.
 - 1. Where it is infeasible to locate utility structures or lids outside of the pedestrian pathway, they must be treated with a slip-resistant material in compliance with current ADA Standard Guidelines.
- B. Marked crosswalks shall be provided on all signal-controlled intersections, pedestrian hybrid beacons (HAWKS), and crossings with flashing beacons. Crosswalks may be installed on other intersections at the discretion of the City Engineer. Where required, crosswalk markings shall comply with KSD 4-001.
- C. Pedestrian lighting is required at all marked crossings based upon a lighting study, see Section 8.11.
- D. Curb ramps shall be provided per Section 8.05.
- E. When street paving or re-surfacing impacts a crosswalk (whether marked or not) through an intersection, the intersection must be retrofitted or upgraded to meet the current ADA Standard Guidelines and RCW requirements; retrofits and upgrades may be required on all barriers, curb ramps, landings, pedestrian signals, and pedestrian push buttons associated with the impacted accessible route.
- F. Crosswalk markings on public roads shall be limited to plastic bars as shown in KSD 4-001.
- G. Curb bulbs shall be installed per Section 8.02 unless otherwise approved by the City Engineer.

7.08 Sight Distance

Stopping sight distance (Section 6.06) and entering sight distance (Section 6.07) requirements shall apply.

7.09 Bicycle Accommodations

All intersections with arterial and collector roads shall be designed to accommodate bicycle facilities to the maximum extent feasible. Bicycle lanes shall be clearly distinguished with pavement markings and signage as needed to safely move vehicles and bikes through any given intersection allowing proper consideration for merging traffic and the addition of lanes, or lane transitions, required for turning movements through the intersection. See KSD 4-004.

Chapter 8: Roadside Features

8.01 Sidewalks

Sidewalk shall be constructed in the location and at the width identified in Chapter 6. Sidewalk width dimensions shall be exclusive of, and in addition to, any portion of the curb and gutter, retaining wall, pedestrian curbing, fencing, and/or fall protection measures.

- A. All sidewalks shall be constructed to meet the ADA Standard Guidelines.
- B. Sidewalk shall be constructed with Portland cement concrete.
 1. Permeable cement concrete pavement may shall be used where feasible per the SWDM.
 2. Permeable cement concrete pavement on private roads shall be maintained by the Applicant, adjacent property owner, or other private owner for the life of the pavement. Maintenance shall be per SWDM requirements. Language about maintenance and maintenance requirements shall be noted on the final plat map or recorded as a separate document on each tax parcel.
- C. Sidewalks shall be constructed between the amenity zone and the limits of right-of-way on public roads. Where an amenity zone is not provided or required, sidewalk shall be constructed next to the curb or parking strip unless otherwise approved by the City Engineer.
- D. Extended off-street walkways may be required by the City Engineer to provide direct connections to existing pedestrian facilities or to/along School Walk Routes as identified by the City or school district.
- E. Sidewalk adjacent to retaining walls shall be a minimum of 1 foot wider than the minimum width listed in Chapter 6 if wall is to be constructed directly under sidewalk.
- F. All utility lids within the sidewalk surface shall not exceed 1/8 inch in vertical (lip) and 3/8 inch in horizontal (gap) discontinuity and shall be coated with a slip resistant coating.
- G. No fixed object may be placed within the sidewalk, including utility poles bases, which restrict the sidewalk width to less than 6 feet, unless otherwise approved by the City Engineer.
- H. Sidewalks shall be designed per KSD 8-001 and 8-008.
- I. For elevation changes at back of sidewalk that are less than 24 inches, sidewalk with thickened edge or integral curb may utilized in lieu of block wall. See KSD 8-010 and 8-011.
- J. For new construction and existing infrastructure (alterations) on public roads, sidewalks shall meet all current ADA Standard Guidelines to the maximum extent feasible/practical. Where all elements of the ADA requirements cannot be met, a Licensed PE shall provide Maximum Extent Feasible/Practical (MEF) documentation. MEF documentation must be prepared on City forms and must contain the following information:
 1. Identify all measurements of proposed sidewalk,
 2. Highlight all portions of sidewalk associated with the project which are not fully compliant,
 3. Provide justification for why those elements cannot be designed or constructed to be fully compliant,
 4. Include a stamp and signature from the Licensed PE responsible for the documentation,
 5. Be approved by the City Engineer prior to final permit approval or release of any performance agreements if changes occur during construction.

8.02 Curb & Gutters

Vertical curb and gutter shall be used on all new or widened public roads.

- A. Rolled curb may be permitted where it:
 - 1. Replaces or matches existing conditions,
 - 2. is used as part of a traffic calming device,
 - 3. is a private road,
 - 4. is used as part of an alternative road design.
 - 5. In all cases, the use of rolled curb in the public right-of-way must be approved by the City Engineer.
- B. Extruded curb is not allowed in public right-of-way unless otherwise approved by the City Engineer. For maintenance purposes, existing extruded curb may be replaced in-kind or extended as needed to maintain the purpose of the extruded curb.
- C. Curbs shall be designed per KSD 8-009.
- D. Where practical, curb bulbs shall be located at all local road intersection crossings. A 20-foot width shall be maintained at crossing.

8.03 Construction of Curbs, Gutters, and Sidewalks

Curbs, gutters, and sidewalks shall be concrete Class 4000, furnished and placed in accordance with WSDOT Standard Specifications, Sections 6-02, 8-04, and 8-14. Cold and hot weather precautions as set forth in WSDOT Standard Specifications Sections 5-05.3(14) and 6-02.3(6)A shall apply.

- A. Sub-grade compaction for curbs, gutters, and sidewalks shall meet a minimum 95 percent of maximum density.
- B. Sidewalk shall be constructed in compliance with current ADA Standard Guidelines.
- C. Concrete sidewalks shall be cured for at least 72 hours prior to opening to pedestrian traffic. Sidewalk concrete crossing driveway sections shall meet full strength prior to opening to vehicular traffic. Curing shall be by means of moist burlap or quilted blankets or other approved methods.
- D. During the curing period, sidewalk, curb and gutter shall be protected from damage by all traffic, both pedestrian and vehicular. Methods shall be used to prohibit traffic from impacting the curing concrete.
- E. Transitions between elevated sidewalks to shoulder road sections shall be constructed per KSD 8-005 (adjusted as necessary to meet ADA Standard Guidelines) and meet the following requirements unless otherwise approved by the City Engineer:
 - 1. At intersections, curb shall extend around the entire radius and transition ramp(s) to shoulder shall be provided at the terminus ends.
 - 2. For straight connections or mid-block transitions, a transition ramp to shoulder shall be provided at the sidewalk end(s).
 - 3. Where the bottom of the ramp lies outside the limits of existing pavement, a minimum 4-foot by 4-foot asphalt landing shall be provided which does not exceed 2% maximum slope in any direction and the entire distance between the landing and existing edge of pavement shall be paved. The new asphalt landing shall be connected to and blended with the existing pavement.

8.04 Expansion Joints and Sidewalk Finishing

All expansion joints shall consist of pre-molded joint material conforming to the requirements of ASTM D994 (AASHTO M33). Full depth joints shall be placed at the following locations:

- A. Around fire hydrants, poles, posts, and utility castings and along walls or structures in paved areas.
- B. In curbs and sidewalks per KSD 8-001, 8-008, and 8-009. When curbs are placed by slip forming, a pre-molded strip of expansion joint shall be installed at a minimum depth of 3 inches. Expansion joints in sidewalk shall be located to match the joints in the curb whether sidewalk is adjacent to curb or separated by planting strip.
- C. On separate pour construction, an expansion joint shall be placed full depth between the curb and the adjacent sidewalk.
- D. In the upper three inches of the full width of the sidewalk and curb at both sides of any drainage frame and grate.

Unless otherwise specified in Section 2.08, sidewalk finishing shall be troweled smooth with a steel trowel. Before jointing or edging, the surface of the walk shall be lightly brushed in a transverse direction (perpendicular to roadway) with a soft brush. Tool marks consisting of V-grooves must be made in the sidewalk at intervals intermediate to the expansion joints, see KSD 8-001 and 8-008.

8.05 Curb Ramps

On all curbed streets or where sidewalk is not at the same grade as the road crossing, ramped sections (curb ramps) shall be constructed at roadway intersections, other crosswalk locations, or anywhere a raised pedestrian facility begins or terminates.

- A. Overlays, trench cuts, microsealing which impact a marked crosswalk or other legal crossing are considered alterations of the accessible route and require upgrading the crossing with curb ramps compliant ADA Standard Guidelines.
- B. Adding or altering the location of a marked crosswalk is considered an impact to the accessible route and will require upgrading the crossing with curb ramps compliant ADA Standard Guidelines.
- C. For existing infrastructure (at alterations) and new infrastructure, curb ramps shall meet all current ADA Standard Guidelines to the maximum extent feasible/practical. Where all elements of the guidelines cannot be met on public roads, a Licensed PE shall provide documentation identifying how the design is meeting the maximum extent feasible/practical. Documentation must be prepared on City forms and must contain the following information:
 - 1. Identify all measurements of proposed ramps,
 - 2. Highlight portions of all ramps associated with the project which are not fully compliant,
 - 3. Provide justification for why those elements cannot be designed or constructed to be fully compliant,
 - 4. Include a stamp and signature from the Licensed PE responsible for the documentation,
 - 5. Be approved by the City Engineer prior to final permit approval or release of any performance agreements if changes occur during construction.
- D. Where a curb or barrier (greater than ¼ inch lip) exists at the crossing, a new curb ramp must be installed unless otherwise approved by the City Engineer.
- E. Replacing a curb ramp or constructing a new curb ramp will require a companion curb ramp at the other end of the crossing if a barrier exists (curb or any vertical lip greater than ¼ inch).

- F. All curb ramps shall be perpendicular per KSD 8-002. Parallel curb ramps per KSD 8-003 may be used in lieu of a perpendicular ramp as approved by the City Engineer.
- G. The curb ramp standard details (KSD 8-002, 8-0003 and 8-004) are intended as general guidance to City standard requirements; errors or omissions in the detail drawings does not exempt the Applicant from having to fully comply with the ADA Standard Guidelines.
- H. In the case that ADA Standard Guidelines for private property are updated and the standard details no longer represent the current guidelines or interpretations, the details shall be considered void and shall not be referenced in plans or construction documents on private property.
- I. Each proposed curb ramp shall be specifically detailed on the construction drawings as follows:
 - 1. Unique site elevations based on the proposed design and shall provide spot elevations at all significant grade breaks including, but not limited to, all corners of the required landings, the top and bottom of ramp,
 - 2. Slopes in all directions (top/bottom and left/right) at the gutter, ramp, landing, and curb ramp wings,
 - 3. Length and width of ramp, landing, and curb ramp wings (along the curb line only).
- J. Curb ramps shall be measured from grade break (expansion joint) to grade break for ADA compliance as follows:
 - 1. Ramp: Length (centerline), width (top and bottom), slope (all sides and across centerline)
 - 2. Landing: length/width (all four sides), slope (all sides and across centerline)
 - 3. Wings: along the side adjacent to curb
 - 4. Gutter slope: perpendicular to pedestrian travel
 - 5. Counter Slope: parallel to pedestrian travel, centerline of ramp/landing.
- K. Concrete for curb ramps shall be Class 4000, furnished and placed in accordance with WSDOT Standard Specifications, Sections 6-02, 8-04, and 8-14. Cold and hot weather precautions as set forth in WSDOT Standard Specifications Sections 5-05.3(14) and 6-02.3(6)A shall apply.
- L. Where a ramp is constructed on one side of the street and a sidewalk or raised pedestrian facility exists on the opposite side of the street that does not have a curb ramp, a receiving ramp shall also be provided. Where a raised pedestrian facility does not exist on the opposite side, a second ramp is not required.
- M. Where a ramp is constructed on one side of the street and a vertical barrier exists on the opposite side of the street separating the travel way with an at grade pedestrian walkway, the barrier must be removed to provide a minimum of 4 feet of clearance. Final surface features shall comply with ADA Standard Guidelines.
- N. Two ramps shall be provided per corner to the maximum extent feasible/practical for new construction on public roads.
- O. Where existing curb ramps are impacted and require replacement, two ramps shall be provided for each corner unless otherwise approved by the City Engineer.
- P. Curb ramps shall be positioned so that a ramp opening is situated within the marked crosswalk or crossing area if unmarked. See KSD 4-001 and Section 7.07 for additional direction.
- Q. Curb ramps shall have detectable warning surfaces consisting of raised truncated domes and a contrasting surface across the entire opening of the ramp. The surface shall extend joint to joint across the opening and shall be placed within 2-inches of the grade break at the back of curb at all points. See KSD 8-002 and 8-003.
- R. The largest slope measured on any part of a section of curb ramp shall be considered the slope for that

entire portion of the curb ramp. The smallest value for length and width measured on a curb ramp shall be considered the measurement for that entire portion of the curb ramp.

- S. All slopes shall be measured using a calibrated digital level device. Discrepancies between the Contractor's measurements and the City's measurements shall be settled with a third digital level of the City's choosing. The Applicant may opt, at their expense, for a licensed surveyor to verify measurements.
- T. Directional ramps shall not be permitted unless otherwise approved by the City Engineer.

8.06 Concrete Steps and Barrier-Free Access Ramps – Private Property

Steps shall only be used on private property and where an acceptable alternative ADA accessible access is available. Where used, concrete steps shall be approved by the City Engineer and constructed in accordance with KCRS Detail 5-007 or another design acceptable to the City and consistent with the WSDOT Standard Specifications.

- A. Ramps used to provide barrier-free access shall have a maximum slope of 12:1 with a maximum rise of 30 inches between landings. Landings shall be a minimum of 5-feet by 5-feet.
- B. Handrails design, whether for steps or other applications, shall be provided consistent with KCRS Detail 5-007, the WSDOT Standard Specifications, and ADA Standard Guidelines.

8.07 Shoulders

Where shoulders are provided, they shall be delineated by a four-inch white painted edge line. Raised pavement markers for further delineation of the shoulder may be required at the discretion of the City Engineer.

- A. Asphalt paved shoulders may only be used where approved by the City Engineer on existing roads to provide for bicycle and pedestrian use.
- B. Shoulders may not be widened to provide on-street parking unless accompanied by a delineated adjacent 5-foot wide walkway. Walkways must meet ADA Standard Guidelines.
- C. Parking is not allowed on landscaped (lawn, topsoil, planting beds) shoulders or under tree canopies where tree roots may be damaged.
- D. Shoulders may be adjusted/altered, as approved by the City Engineer, to provide for safe operation of the roadway.
- E. Maintenance of gravel and/or vegetated shoulders is the responsibility of the adjacent private property owner per KMC 12.70.

8.08 Bicycle Facilities

Every effort shall be made to include safe bikeways on all new roadways and reconstruction projects unless bicyclists are prohibited by law from using the roadway. Design considerations for bikeways shall be assessed on a case-by-case basis but shall generally comply with the following:

- A. Projects shall include the bicycle facilities identified in the City Transportation Element of the Comprehensive Plan and the cross sections in Appendix B.
- B. The planning and design of bikeways in any category shall be in accordance with the WSDOT Design Manual and the AASHTO Guide for the Development of Bicycle Facilities, current edition.
- C. Bike lanes, where required, shall be a minimum of 5 feet in width with a striped 2-foot buffer unless otherwise approved by the City Engineer.

- D. Pavement markings shall be used on bike lanes and paths per KSD 4-004 and in accordance with the MUTCD and the AASHTO Guide for the Development of Bicycle Facilities, current edition.
- E. The design of all signalized intersections shall address bicycle usage.

8.09 Fixed Objects

In addition to sound engineering judgment and analysis, the following minimum standards shall apply to all new or relocated placements of fixed, or non-break-away, objects within the public right-of-way. Existing utilities which are not in compliance with these Standards are not required to be relocated until such time that a repair, reconstruction, replacement, expansion, or relocation of the utility structure is planned. The following constraints on obstacle location will not apply to locations not accessible by moving vehicles, "breakaway" structures whose break-off resistance does not exceed that of a single 4 inches x 4 inches wood post or a 1.5-inch standard (hollow) iron pipe or to "breakaway" fire hydrants installed to manufacturer's specifications.

- A. Fixed objects along SR522, or any roadway with a posted speed limit exceeding 35 mph, shall comply with the Clear Zone requirements of Chapter 1600 of the WSDOT Design Manual.
- B. On roadways 35 mph or less, no new fixed object shall be placed with any portion of the object being closer than 2 feet from the face of curb.
 - 1. The City may require that a clear zone analysis be submitted and approved by the City prior to a permit being issued for a project which proposes a fixed object placed within 10 feet of the travel way for arterial and collector roads.
- C. On roadways 35 mph or less where no curb exists, no new fixed object shall be placed with any portion of the object being closer than 10 feet from the edge of pavement (or edge line if present).
- D. Fixed objects within the public right-of-way shall not be located closer than 5 feet to any driveway or private road.
- E. All clear zone measurements shall be taken from the edge of travel way. The edge of travel way shall be defined as the interior limits of any edge line where edge striping exists or the edge of pavement where edge striping does not exist, or face of curb.

8.10 Amenity Zone

All public roads constructed or improved under these Standards shall have an amenity zone per Chapter 6.

- A. Amenity zones shall be no less than 4 feet in width.
- B. The amenity zone must be between the curb and the sidewalk unless otherwise approved by the City Engineer.
- C. Amenity zones are reserved for street light poles, traffic signs, utilities, mailboxes, landscaping, and other public amenities and these features should be located within the amenity zone to the maximum extent feasible.
- D. Amenity Zones may either be landscaped or concrete paved.

8.11 Illumination

Street illumination (roadway and pedestrian) is required for all new subdivision, commercial, or multifamily projects in accordance with Kenmore Municipal Code 17.20.107. Street illumination shall be provided on all new roads as required to meet these Standards. Illumination will also be required when a local road intersects an

arterial and at all marked crossings. Illumination of roadways with turn channelization will include all lane tapers. Illumination shall meet with the following requirements:

- A. All new streetlights shall be LED compatible and shall provide a new LED bulb at the time of installation.
- B. The illumination system shall be designed per the requirements of the IES lighting standards.
 - 1. Pedestrian conflict levels shall be as follows (reference current Kenmore Land Use Plan):
 - i. Residential areas (R1-R10 zoned): *low*
 - ii. Residential areas (R12 and greater), Downtown Residential, Public/Private facilities, school walk routes, Business areas: *medium*
 - iii. Commercial areas, Urban Corridor: *high*
 - iv. In areas where two or more zoning areas intersect, the highest conflict level will prevail.
- C. Applicants shall contact Puget Sound Energy's (PSE) lighting division for design services or acquire approval from PSE's lighting division on any submitted design not designed by PSE.
- D. Complete calculations for structural design, including anchor bolt details, shall be prepared by a Licensed PE.
- E. In all areas of the City except for those areas noted as Standards 2-5 in Section 2.08F, the street lighting shall be installed using the following product types unless otherwise approved by the City Engineer:
 - 1. Base Style: Sheridan
 - 2. Base Material: Concrete
 - 3. Base Color: Powder coated black
 - 4. Head Type: Traditionaire
 - 5. Head Color: Powder coated black

8.12 Landscaping

Street trees and landscaping should be incorporated into the design of road improvements for all classifications of roads. Trees and shrubs shall be installed per KSD 6-007.

- A. Approved street trees are listed in Appendix C.
- B. The trees shall be:
 - 1. Located within the amenity zones, at center medians, and at back of sidewalk within the street right-of-way where feasible and when approved by the City,
 - 2. Located at back of sidewalk if no amenity zone exists,
 - 3. A species compatible with overhead utility lines,
 - 4. Maintained by the adjacent property owner,
 - 5. Spaced between 30 and 40 feet on-center,
 - 6. Placed a minimum of 10 feet on center from any driveway or intersection radius return on arterial/collector roads and 5 feet on center from any driveway or intersection radius return on a local road.
- C. The trees may be spaced at irregular intervals to accommodate sight distance requirements for driveways, intersections, lighting, utilities, and/or Low Impact Design facilities.
- D. All trees adjacent to walkways shall have a 7-foot minimum branching height at time of planting. This may be reduced if tree bases are more than 5 feet from the back of sidewalk or in a center median.
- E. Minimum height clearance of existing trees adjacent to new roads shall be 11 feet above the finished roadway grade.

- F. Trees placed at the back of sidewalk shall be located so as to minimize any tree growth within the sidewalk for a height up to 7 feet.
- G. Commercial root barriers shall be required for all trees planted in amenity zones. Interlocking root barriers shall be placed at the edge of sidewalks and curbs, on center with the tree.
- H. Landscape areas within the right-of-way shall be treated with a minimum of 18 inches of 3-way mix topsoil and plantings applied as recommended for the species planted. The following plantings are acceptable:
 - 1. *Prunus laurocerasus* 'Mount Vernon' (Mount Vernon Laurel)
 - 2. *Cornus sericea* 'Kelsey' (Kelsey Dogwood)
 - 3. *Berberis buxifolia* 'Nana' (Dwarf Boxleaf Barberry)
 - 4. *Berberis thunbergii* f. *atropurpurea* 'Bagatelle' (Dwarf Purpleleaf Japanese Barberry)
 - 5. *Hebe* 'Emerald Gem' or 'Hinerua'
 - 6. *Mahonia nervosa* (Cascade Oregon Grape)/*Mahonia repens* (Creeping Oregon Grape)
 - 7. *Spiraea japonica* 'Bullata'/'Little Princess'/'Shirobana'/'Walbume'
 - 8. *Arctostaphylos uva-ursi* (Kinnikinnick)
 - 9. *Rubus calycinoides* (Creeping Raspberry)
 - 10. *Thymus serpyllum* 'Magic Carpet' (Creeping Thyme)
 - 11. *Thymus pseudolanuginosus* (Woolly Thyme)
 - 12. *Narcissus* 'xx' (Daffodil)
 - 13. Grass (mixture of dwarf, drought tolerant grasses with microclover)
 - 14. Additional plant species as approved by the Public Works Operations Manager.
- I. All landscaping shall be drought tolerant and suitable for the location proposed (growth height and width, light conditions, soils conditions, slopes, etc.)
- J. Additional landscaping features are required for downtown areas as identified in Section 2.08.

8.13 Mailboxes

All projects which create new or additional residential, commercial, or industrial units must provide necessary improvements for mail delivery in accordance with the Bothell Postmaster. Mailboxes shall be per KSD 6-001, 6-004 or 6-005.

- A. All new mailboxes shall be neighborhood collection box units (NCBU) as approved by the Postmaster and installed at locations in accordance with the Postmaster requirements. An 8-foot wide pullout section shall be installed adjacent to the mailboxes on arterial and collector streets to accommodate mail truck delivery where feasible.
- B. Where existing single mailboxes exist adjacent to the project site, the Applicant shall coordinate with the Postmaster and adjacent mailbox owners to offer consolidation of their mailboxes into the new NCBU provided for the project/development. The NCBU provided shall accommodate all interested property owners plus a minimum of 1 parcel locker.
- C. A minimum 6-foot clearance for pedestrians must be maintained around all portions of any mailbox placed within a sidewalk, shoulder, or walkway.
- D. Where existing mailboxes will be impacted by required street improvements, temporary considerations must be made to maintain constant mail services to all addresses. Relocation (permanent or temporary) or replacement of the existing mailboxes shall be coordinated with the Postmaster, the respective

residents/businesses, and City inspector.

- E. Mailboxes for projects located within the downtown areas identified in Figure 2.1 shall coordinate mail delivery without placing a new mailbox along the project frontage. Existing NCBU's shall be utilized where possible. Where existing NCBU's do not exist, new mail receptacles shall be placed on, within, or behind the building structure to the maximum extent feasible, subject to Postmaster approval.
- F. All mailboxes shall be maintained by the respective property owners. For NCBU's, maintenance and replacement language shall be included on final plat maps or maintenance covenants recorded on each individual property title.

8.14 Cut and Fill Slopes

Side slopes shall generally be constructed no steeper than 4H:1V on both fill slopes and cut slopes unless otherwise approved by the City Engineer. Steeper slopes may be approved by the City upon showing that the steeper slopes, based on soil analyses, will be stable, or that appropriate mitigation measures are put in place.

- A. Side slopes shall be stabilized by grass sod or seeding or by other planting or surfacing materials acceptable to the City.
- B. See Sections 8.15 and 8.16 for additional requirements.

8.15 Guardrail

All roadway side slopes shall be evaluated for the need of a guardrail in accordance with the WSDOT Design manual. The standards of this section shall apply to new construction only and shall not require existing locations to be retrofitted unless additional grading work is proposed. The following order of preference shall be taken in the roadway design:

- A. 4H:1V or flatter fill slopes adjacent to the roadway where the slope drop is greater than 6 feet.
- B. Provide 3H:1V or flatter fill slopes where 4H:1V slopes cannot be provided and the slope drop is greater than 6 feet.
- C. Provide 2H:1V or flatter fill slopes where 3H:1V or 4H:1V slopes cannot be provided and the slope drop is less than 6 feet. A soils report prepared by a Licensed PE (Geotechnical) will be required to verify slope stability.
- D. Evaluate need for barrier systems and provide design in conformance with WSDOT Standard Plans, Standard Specifications, and the WSDOT Design Manual.

8.16 Sidewalk Side Slopes

The standards of this section shall apply to new construction only and shall not require existing locations to be retrofitted unless additional grading work is proposed. Measurements from slopes are taken from the top of slope.

- A. Any side slope 4H:1V or flatter shall have a minimum of 1-foot buffer (<2% cross slope) between the edge of sidewalk and the start of the slope. If a 1-foot buffer cannot be maintained, a pedestrian curb/integral curb per KSD 8-012/KSD 8-010 will be required if the slope exceeds 6 feet in vertical drop.
- B. Any side slope steeper than 4H:1V but not exceeding 2H:1V shall have a minimum of 2-foot buffer (<2% cross slope) between the edge of sidewalk and the start of the slope. If the slope exceeds 6 feet in vertical drop, a pedestrian curb/Integral curb will be required.
- C. If a 2-foot buffer (<2% cross slope) cannot be maintained adjacent to side slopes steeper than 4H:1V, the following mitigation will be required:

1. If a minimum of 1-foot buffer (<2% cross slope) can be maintained, a 6-inch pedestrian curb/integral curb is required. Vertical drops more than 6 feet will require a pedestrian railing per KSD 6-006.
2. If a minimum of 1-foot buffer cannot be maintained, a pedestrian handrail is required.
- D. All slopes steeper than 2H:1V shall be considered a vertical drop. The following are required for a side slope exceeding 2H:1V:
 1. If the slope is within 3 feet of any sidewalk, a pedestrian railing or pedestrian curb/integral curb will be required. Vertical drops more than 18 inches will require a pedestrian railing.
 2. Side slopes that are a minimum of 3 feet from the edge of sidewalk shall require a 3-foot buffer (<2% cross slope).
- E. The City reserves the right to require handrail or fencing for any slope steeper than 4H:1V within or adjacent to the right-of-way which are considered a safety hazard as determined by the City Engineer.
- F. A chain link fence in lieu of a pedestrian handrail may be installed if placed on private property.

8.17 Road Signs

Street signage is required for all new subdivision, commercial, townhome, or multifamily projects in accordance with Kenmore Municipal Code 17.20.105. Road signs shall comply with and be fabricated in accordance with the most recent edition of the MUTCD, the WSDOT Sign Fabrication Manual, and the WSDOT Standard Specifications.

- A. All public roads shall have a street name sign with white letters on a green background.
- B. All private roads shall have a street name sign with white letters on green over a sign of equal size with the words "Private Road" in white letters on a green background.
- C. Joint use driveways shall have address signing at the driveway/road entrance. Signage shall be placed within a tract or easement.
- D. Private roads shall have address signing at the driveway/road entrance where lots are not addressed to the accessing private road. Signage shall be placed within a tract or easement adjacent to the addressed road.
- E. Road sign placement shall be one sign with double sided printing, mounted to the side or top or of the post so all lettering is visible.
- F. All signs shall be placed on metal or wood posts and installed per KSD 6-002.
- G. All road signs shall be approved by the City Engineer prior to placement.
- H. Additional signage may be required (historical name signage, warning signs, etc.) as directed by the City.
- I. Sign type, placement, and location on SR522 shall be approved on a case-by-case situation.

8.18 Survey Monuments

Survey monuments shall be required for all roads and placed/replaced per RCW Chapter 58 by a land surveyor registered in the State of Washington.

- A. Monuments shall conform to King County Standard Figure 5-019 and 5-020. Replace "King County" with "Kenmore" and be placed at all road intersections, points of curves in roads, and at such intermediate points as may be required by the City Engineer.
- B. Plat monumentation shall comply with these Standards on developments such as subdivisions, residential, commercial, binding site plans, or any other construction that establish new public roadways or reconstructs existing public roadways. Monuments shall be set along the center of the right-of-way at the PVCs and PVTs of vertical curves and the PI of horizontal curves. When the PVI of the curve falls within the paved area of the road, a PVI monument may be set in lieu of setting monuments at the PVC and PVT.

- C. The monument case will be installed after the final course of surfacing has been placed on the road.
- D. All monuments shall be registered with the Washington State Department of Natural Resources and a copy of the registration provided to the City.
- E. All existing monuments, which are disturbed, lost, or destroyed during construction or surveying, shall be replaced by the Applicant, Contractor, Builder, Developer, or utility per RCW 58.09.130 and 58.04.015.
- F. Monuments shall be required on existing public roads only if the road receives a full width overlay or when a new road connects to the existing road.
- G. Monuments may not be required if an existing monument is located less than 100 feet from the required new location.

Chapter 9: Surface Treatments

9.01 Local Public and Private Roads

Local public and private roads shall be HMA with minimum pavement sections per KSD 5-001.

- A. The minimum pavement thickness for repairs, patches, replacements, extensions, and/or modifications within existing local and private roads shall be per KSD 5-001.
- B. Cross sections noted in KSD 5-001 are only applicable for stable compacted subgrade constructed with suitable materials. Additional subgrade work may be necessary to create a stable subgrade.
- C. Alternative pavement (porous, pervious pavers, etc.) must be considered where feasible per the SWDM. Any alternative pavements proposed shall be designed by a Licensed PE and appropriately designed for the proposed materials and site conditions and shall be approved by the City prior to construction.
- D. Any proposed exception to these materials may be subject to soils strength testing and traffic loading analysis, and subject to City review and approval. At any time during construction, should a question on the suitability or placement of native soil or import materials exist, the inspector may require a geotechnical evaluation to address soil conditions. When required, the report shall be prepared, stamped, and signed by a Licensed PE (Geotechnical) and shall include an assessment of the site conditions and recommendations for corrective actions. A copy of maximum density curves and all associated compaction test reports shall be included with the report. All materials shall meet the requirements of the WSDOT Standard Specifications unless otherwise approved.

9.02 Arterial, Collector, and Industrial/Commercial Roads

Asphalt pavement designs for arterial, collector, Industrial/commercial roads shall be prepared by a Licensed PE in accordance with the current "AASHTO Guide for Design of Pavement Structures".

- A. Flexible pavements shall be designed using a layered design analysis in accordance with the "AASHTO Guide for Design of Pavement Structures".
- B. Pavements shall be designed to meet the minimum fire district load requirement of 75,000 lbs and a point load requirement of 70 psi.
- C. Materials shall meet WSDOT Standard Specifications.
- D. The pavement design shall be based on soil parameters reflecting actual field or laboratory tests and a traffic loading analysis. A subsurface investigation shall be performed to provide information on any materials that would cause settlement, stability, or drainage problems. Soil used for the design analysis shall be representative of the native subgrade conditions. The traffic loading analysis shall include traffic volume, percentage growth rate, and axle loadings.
- E. Pavement design sections shall not be less than those required for local roads.
- F. The following design inputs shall be used for calculation of the pavement section:
 - 1. Pavement Design Life = 20 years
 - 2. Reliability (R) = 85%
 - 3. Overall Standard Deviation (S_0) = 0.50
 - 4. Design Serviceability Loss (ΔPSI) = 1.5
 - 5. Drainage Coefficient (m) ≤ 1.0
 - 6. Layer Coefficients:

- i. Hot Mix Asphalt: ≤ 0.44
 - ii. Crushed Surfacing: ≤ 0.14
7. Resilient Modulus (M_r):
- i. HMA: $M_r = 450,000$ psi
 - ii. Crushed Surfacing Materials: $M_r = 28,000$ psi
 - iii. Subgrade Soil: The subgrade M_r is based on actual field or laboratory tests. The subgrade M_r value used in the pavement design is not to exceed 15,000 psi.
- G. Resilient modulus values for the subgrade soil shall be determined by Laboratory M_r tests or Falling Weight Deflectometer tests (FWD) performed in situ or default M_r values based on soil classification per the Unified Soil Classification System (USCS). The soil classification shall be based on laboratory testing of representative samples of subgrade soil.
- H. USCS soil types shall be determined per ASTM D 2487. Default M_r values based on the USCS are as follows:

Class	M_r (psi)	USCS Soil Type
A	15,000	GW, GP, GW-GM, GP-GM
B	12,500	GM, SW, SP
C	10,000	SW-SM, SP-SM, SM-ML ¹
D	7,500	GW-GC, GP-GC, SW-SC, SP-SC, SM-ML ²
E	2,500	GC, GC-GM, SC, SC-SM, CL, CL-ML
F	Special Design ³	MH, CH, OL, OH, Peat

⁽¹⁾ Nonplastic

⁽²⁾ Plastic

⁽³⁾ Class F soils require a special design required to stabilize the subgrade and will be subject to review and approval by the City.

9.03 Requirements for Roads on Poor Subgrade

The minimum material thicknesses for local roads is not acceptable if there is any evidence of instability in the subgrade. This includes but is not limited to free water, swamp conditions, fine-grained or organic soil, slides, uneven settlement, or preexisting unsuitable fill material. If any of these characteristics are present, the soil shall be sampled, tested, and a pavement section designed in accordance with Section 9.02. Both the soils test report and the resulting pavement design will be subject to review and approval by the City.

- A. Cement treated soil may be used as an alternative to full depth replacement of poor subgrade. An evaluation performed by a Licensed PE (Geotechnical) is required to verify that cement treated soil is appropriate. If appropriate, a cement treated soil design shall be provided by a Licensed PE (Geotechnical) and approved by the City. Cement treated soil shall not prohibit the migration of ground water, infiltration of water, or prohibit excavation from a standard backhoe. Cement amendments may not exceed 5% of the dry unit weight of the soil to be treated.

9.04 Road Widening

- A. When an existing asphalt paved road is to be widened, the following requirements shall apply unless

otherwise approved by the City Engineer.

1. The edge of the travel lane shall be sawcut to provide a clean, vertical edge for joining to the new asphalt.
 2. The existing asphalt may require removal as directed by the inspector, depending on the condition of the surface and as needed to control surface water flow.
 3. The existing road shall be planed a minimum of 2 inches, half-width throughout the widened area and the final asphalt lift applied across the widened and planed areas.
 4. All failures and cracking on road surfaces must be repaired prior to the overlay; the limits of the overlay will be based on the condition of existing pavement and the extent of required changes to the surfacing and channelization.
 5. If, for any reason, an overlay is not required, the joint shall be sealed with appropriate asphalt sealer.
 6. When the City determines that potential impacts from a development warrant subgrade repairs prior to the overlay, the Applicant must provide a geotechnical report that includes recommendations for repairing the subgrade.
 7. Sawcut lines and/or joints shall be located along the proposed lane edge or at the center of the road or lane.
- B. If an existing shoulder, private driveway, or private roadway is proposed to be incorporated into a future public roadway, the existing pavement shall be removed and replaced with a pavement section complying with these Standards. The responsibility for any shoulder material thickness improvement shall be considered part of the requirement for roadway widening.
1. Alternatively, a pavement evaluation can be performed. This evaluation shall analyze the structural capacity and determine any need for improvement. Designs based on these evaluations are subject to review and approval by the City Engineer. Pavement thickness must meet the minimum requirements for that road's classification regardless of the evaluation results.
- C. Any widening of an existing roadway, either to add travel lanes or paved shoulder, shall have the same surfacing material and thickness as the adjacent existing roadway.

9.05 Overlays

Where overlays are performed, a full width 2-inch grind is required prior to the overlay to maintain finished surface elevations to the maximum extent feasible. Additional grinding may be required to meet drainage and ADA requirements. Overlays without grinding require approval from the City Engineer prior to being approved.

- A. Overlays shall require a minimum thickness of 2-inches of new asphalt material.
- B. Existing asphalt berms or other drainage features to control surface runoff shall be maintained or restored during the overlay unless otherwise approved by the City Engineer.
- C. The existing crown or directional cross slope of a roadway shall be maintained after the overlay unless otherwise required by these Standards.
- D. Immediately following an overlay, the existing pavement markings shall be restored to original or as directed by the City inspector. Where pavement markings cannot be permanently restored in the same day as the overlay, temporary pavement markings shall be provided by the Applicant as directed by the City inspector. At the City's direction, existing pavement markings may be revised to match cross sections proposed in Appendix B or in the City's Comprehensive Plan. Prior to applying permanent pavement markings, all temporary pavement markings shall be removed. Temporary pavement markings shall be

maintained as directed by the City inspector until such time as the permanent pavement markings are completed.

- E. Where overlays match existing shoulders, transitions of material similar to the adjacent surface material shall be provided to ensure safe pedestrian use and acceptable vehicle transitions.

9.06 Materials and Lay-Down Procedures

Materials and lay-down procedures shall be in accordance with WSDOT Standard Specifications and the requirements of this section.

- A. Prior to placement of any curb, gutter, sidewalk, or pavement section, a representative from an AASHTO accredited laboratory shall perform a compaction test on all backfill material placed in compacted lifts of 6 inches or more thick; the material shall be compacted to a minimum of 95% of the maximum dry density (ASTM D1557 modified) before any paving material is placed. Backfill material shall not be placed in compacted lifts greater than 1-foot thick. Backfill sections exceeding 6 inches but less than 4 square feet in area may be verified per Section 9.06B.
- B. For native undisturbed soils and backfill sections less than 6 inches in total compacted thickness, at the Licensed PE (Geotechnical) shall certify that backfill/undisturbed soils are firm and unyielding. This requirement may be waived at the Inspector's discretion.
- C. Asphalt pavement shall be placed in lifts no greater than 2 inches of compacted depth and compacted per WSDOT Standard Specifications to a minimum 92% compaction of the Rice value.
- D. Compaction reports shall be submitted to the Inspector prior to approval of any paved area.
- E. Compaction testing frequency shall be provided as noted in Section 4.06.
- F. During surfacing activities, utility and survey monument covers in roadways and walkways shall be protected and adjusted to the new finished grade.
- G. Asphalt shall not be placed on standing water or where subgrade conditions are such that compaction efforts might compromise the stability of the soil. Asphalt shall not be applied during rainfall or before any imminent storms that might damage the construction. The City will have the discretion as to whether the surface and materials are dry enough to proceed with asphalt placement.
- H. A proof roll and field investigation may be requested by the inspector to confirm the sub-grade is firm and unyielding. A single or dual axle dump truck, loaded to a minimum 90 percent maximum gross weight capacity, shall be used to perform the proof roll.
- I. Asphalt shall not be placed below temperatures noted in WSDOT Standard Specifications Section 5-04 unless otherwise approved by the City Engineer.

9.07 Asphalt Surfacing Repairs

When repairing shallow holes and gouges in asphalt less than 1-inch deep, the surface must be thoroughly cleaned, and all loose or broken material must be removed from the hole/gouge. The bottom and edges of the hole/gouge shall be swabbed with asphalt tack. HMA shall then be placed into the hole or gouge and thoroughly tamped or rolled.

- A. For failures or holes/gouges between 1 and 2 inches in depth, the asphalt shall be sawcut such that the perimeter of cut encompasses a minimum of 2 feet beyond the perimeter of the entire failure, hole, or gouge. The existing pavement shall be a uniform square sawcut or removed. As an alternative, the pavement may be ground to the depth of the surrounding hole or damage. Asphalt for tack coat shall be applied to all surfaces of existing pavement in the repair area.

- B. For failures or holes/gouges greater than 2 inches in depth, the asphalt shall be sawcut such that the minimum repair area is three feet beyond the perimeter of repair. The existing pavement shall be sawcut or removed by a pavement grinder to the depth of the surrounding hole or damage. Asphalt for tack coat shall be applied to all surfaces of existing pavement in the repair area.
- C. HMA shall be placed in lifts of not greater than 2-inches compacted depth and shall be thoroughly and uniformly compacted to not less than 92 percent of the maximum density as determined by the Rice value.
- D. Edges shall be sealed in accordance with Section 5-04 of the WSDOT Standard Specifications.

9.08 Pavement Markings, Markers, and Pavement Tapers

Pavement markings and raised pavement markers shall be used to delineate channelization, transit lanes, bus zones, bike lanes, lane endings, crosswalks, longitudinal lines, fire hydrants, and any other location necessary to control or guide all users of the roadway system.

- A. Prior to any removal of pavement markings, existing markings shall be identified and temporarily staked along the City Right-of-way as needed to facilitate restoration of the channelization.
- B. Pavement markings shall conform to KSD 4-001 through 4-004.
- B. When removal of existing pavement markings is required, removal and compliance shall be done per WSDOT Standard Specification 8-22.3(6).
- C. Channelization and transitions shall be required when through traffic is diverted around a lane or obstacle, when connecting full-width streets with different cross sections, and when extending an existing street with a new cross section different than the existing one. Channelization shall also be required to redirect traffic back to its original alignment.
- D. Channelization plans and crosswalk locations shall be approved by the City prior to permit approval.
- E. Tapers: Tapers shall be installed per the MUTCD. Where the existing edge line of travel lane does not align with the inside gutter edge of newly installed curb, alternating white Type 1 and 2 raised pavement markers shall be installed at 5-foot centers to the end of the curb at a 25:1 taper. A reflective, 12-inch tall white tubular marker shall be installed at the edge of the curb.
- F. Crosswalks: Crosswalks shall be installed at all intersections controlled by traffic signals, flashing beacons, and other areas approved by the City Engineer. See Section 7.07 for additional installation requirements.
- G. All pavement markings shall be laid out with spray paint and approved by the Inspector before they are installed.
- H. Pavement markings for channelization shall be reflectorized hot or cold applied plastic or paint per WSDOT Standard Specifications and the standard details. Extruded or sprayed markings shall be dressed with glass beads for initial reflectance. All materials shall have beads throughout to maintain reflectance as the material wears.
- I. Green pavement markings for bike lanes shall meet the following requirements:
 - 1. The daytime chromaticity coordinates for the color used for green colored pavement markings shall be as follows:

1		2		3		4	
X	Y	X	Y	X	Y	X	Y
0.230	0.754	0.266	0.500	0.367	0.500	0.444	0.555

The daytime luminance factor (Y) shall be at least 7, but no more than 35.

2. The nighttime chromaticity coordinates for the color used for green colored pavement markings shall be as follows:

1		2		3		4	
X	Y	X	Y	X	Y	X	Y
0.230	0.754	0.366	0.540	0.450	0.500	0.479	0.520

3. Green colored pavement markings shall be retroreflective.
4. Green paint or other marking materials applied to the roadway surface used to simulate a green colored pavement shall minimize loss of traction for bicyclists.
5. All paint shall be applied in three even coats unless otherwise noted on the Standard Details.

9.09 Curb Painting

At the request of adjacent property owners, curb painting by private parties is allowed if approved by the City. Curb painting shall comply with paint and application requirements as noted in WSDOT Standard Specifications 9-34 and as noted below:

- A. Curb paint color shall meet with AMS Standard 595 and be a commercially rated paint for outdoor concrete applications. Colors and allowed uses are as follows:
 1. Yellow [restricted parking only (RP)/No Parking (NP)]: color 33538 or close equivalent
 - i) Loading/unloading zones (RP)
 - ii) 5 feet either side of a Driveway (NP)
 2. Blue (restricted parking only): color 35180 or close equivalent
 - i) Americans with Disabilities Act (ADA) parking
- B. Curbing shall be painted with two full coats of paint. Paint maybe applied by brush or spray.
- C. Curb paint shall be maintained by the Applicant, Homeowners Association, or entity(ies) that installed the paint. The City will not maintain or install curb painting. Each property owner/Applicant shall complete a letter of authorization prior to permit approval.
- D. Curb painting may require additional signage as directed by the City Engineer.
- E. Requests for curb painting must obtain a beautification permit from the City.
- F. Per KMC 13.45.030 Stormwater Pollution Prevention Manual (SPPM), paint is considered an illicit discharge into stormwater facilities. No paint shall be allowed to discharge into the City's storm drainage system. Left over paint shall be stored or disposed of in compliance with the SPPM at the property owner's expense.

Curb painting on private roads and driveways for Fire Department use is required and shall be red color 11105 or close equivalent and applied as noted above and at the following locations where applicable.

- A. 15 feet either side of the fire hydrant
- B. Fire lane

Chapter 10: Drainage

10.01 General

Drainage facilities including pipe and ditch sizing, outfall protection, and temporary erosion and sediment control standards shall be designed consistent with Kenmore Municipal Code 13.35 and the adopted Surface Water Design Manual (SWDM) including the amendments in Appendix F.

- A. No drainage from downspouts, splash blocks, sheet flow, etc. shall discharge across the surface of a walkway or roadway. "Through sidewalk drainage" is not allowed.
- B. Drainage facilities shall be placed and constructed per KSD 7-001 through 7-011, WSDOT Section B Standard Plans, and King County Road Standards (KRS) as appropriate. KSD and these Standards shall take precedence over any discrepancy with KRS and WSDOT standard plans.
- C. Materials, construction, and testing are specified in the WSDOT Standard Specifications. The City Engineer may amend, delete, or add specifications or standard drawings. The Development Engineer may require that additional details, specifications, or standards be developed; such items may be used freely by the City and incorporated into future revisions of the Kenmore Road Standards and standard details.
- D. Where technical conflicts occur between the Standards and the SWDM, the more restrictive standard governs.
- E. See Section 7.05 for additional requirements.
- F. See Section 11.04 for installation and restoration requirements.

10.02 Road Ditches

Filling of existing ditches, including for additional on-street parking, is prohibited, except as noted below. Filling of ditches without City approval will result in monetary penalties per KMC 1.15 and 1.20 and will require corrective action up to and including restoration of the ditch and storm sewer testing/cleaning.

- A. Filling or elimination of roadside ditches shall only be permitted in the following cases:
 - 1. For one direct driveway access (including any existing) per parcel regardless of the parcel width as noted in Section 5.04D; or
 - 2. Construction of full frontage improvements (curb, gutter, sidewalk, etc);
 - or
 - 3. As part of a City CIP or maintenance project.

10.03 Storm Sewers and Culverts

Storm Sewer Pipes and Culverts shall be installed in accordance with Section 7 of the WSDOT Standard Specifications. All pipes and culverts shall flow directly to catch basin (via sidewalls), ditches, or swales and shall not directly discharge to gutters, roadways, sidewalks, or catch basin grates.

- A. Minimum pipe size within the public right-of-way or on any system to be maintained by the City shall be 12-inch diameter unless otherwise approved by the City Engineer.
- B. The minimum slope on all pipe types and sizes is 0.5%, except those designed for flow control, water quality or low impact development (flow control BMPs) facilities.
- C. Pipe systems shall be designed in conformance with SWDM.

- D. Allowable pipe materials are identified in Appendix F.
- E. All storm sewer pipe and culverts placed under vehicle travel ways shall be covered by a minimum of two feet of cover. Where 2 feet of cover cannot be provided, ductile iron pipe must be used and must maintain 1-foot of minimum cover. For all other areas, 1-foot minimum cover is required. For existing concrete pipe, corrugated metal pipe, and pipe arches; pipe cover shall be per SWDM 4.2.1.1.
- F. Pipes which convey runoff over, across, through, or down a steep slope as define by KMC, must be a surface mounted pipe which is fused or mechanically restrained at the joint and which is anchored per the requirements of SWDM 4.2.1.
- G. All culverts which collect surface runoff from landscaped areas, ditches, or interceptor trenches without the use of a catch basin or manhole, shall include a debris cage or trash rack at the upstream end.
- H. All new connections to an existing public underground drainage system shall be at a new or existing catch basin or manhole; no mid-span connections, tees, or “core-tapping” are permitted.
- I. Prior to substantial completion acceptance (but after all backfill and pavement are completed), all new storm sewer pipe including connected existing storm sewer pipe shall have a video inspection performed from structure to structure, unless otherwise approved by the City Engineer. Video shall capture sidewalls and shall provide a close view of all joints. Final video capture shall be delivered to the City for review and acceptance.

10.04 Catch Basin Locations and Junctions

Catch basins shall be located along existing/proposed gutter lines and along drainage lines at edge of pavement or within shoulders if approved by the City. Catch basins shall not be located within the travel way outside of the gutter line or within sidewalks.

- A. Catch basins shall be spaced no greater than 150 feet for grades less than one percent, 200 feet for grades between 1 percent and 3 percent and 300 feet for grades 3 percent and greater.
- B. Catch basins rather than curb inlets shall be used to collect storm water from road surfaces.
- C. Type 2 catch basins shall be required where the depth to the invert of any pipe from the finished grade exceeds 5 feet.
- D. Manholes may be used in lieu of catch basins if they do not directly collect water from the surface. Manholes must be used if inverts are greater than 18 ft deep.
- E. Concentrated flow from adjacent property shall not discharge over the surface of roadways, walkways, or shoulders.
- F. Catch basins or manholes are required when joining differing types or sizes of pipes.
- G. See Section 7.05 for additional location requirements.

10.05 Frames, Grates, and Covers

Frames and grates/covers shall be per KSD 7-007 through 7-010.

- A. Metal castings for drainage structures shall not be dipped, painted, welded, plugged or repaired.
- B. Porosity in metal castings for drainage structures shall be considered a workmanship defect subject to rejection by the City.
- C. Castings for manhole rings shall be gray-iron conforming to the requirements of AASHTO M 105, Grade 30B. Covers shall be ductile iron conforming to ASTM A 536, Grade 80-55-06. Manhole rings and covers

shall support a minimum loading of 25,000 pounds. All mating surfaces shall be machine finished to ensure a non-rocking fit.

- D. All manhole rings and covers shall be identified as specified in the WSDOT Standard Specifications, Section 9-05.15.
- E. Castings for metal frames for catch basins and inlets shall be cast steel, gray iron, or ductile iron as specified in Sections 9-06.8, 9-06.9, or 9-06.14 of the WSDOT Standard Specifications.
- F. Castings for metal frames for catch basins, inlets, grates and solid metal covers shall support a minimum loading of 25,000 pounds.
- G. Castings for grates and solid metal covers for catch basins and inlets shall be cast steel or ductile iron as specified in Sections 9-06.8 or 9-06.14 of the WSDOT Standard Specifications. The foundry name and material designation shall be embossed on the top of the grate. The material shall be identified as "CS" for cast steel and "DUC" or "DI" for ductile iron and shall be located near the manufacturer's name.
- H. All metal covers for basins located in public roadways shall have "City of Kenmore" and other verbiage (as shown on KSDs) embossed on the top of the grate. Metal covers located on private property and maintained by private entities shall have "Private" embossed on the top of the grate.
- I. All grates and covers, including large grates placed over detention or water quality vaults, shall be seated properly to prevent rocking, including the replacement of existing covers with solid metal covers. Any warping or curvature of the metal that is not specified in the details or specifications shall be considered a workmanship defect subject to rejection by the City.
- J. Unless otherwise specified, vaned grates shall be used with standard frame in the traveled way, gutter, or paved shoulder. Diagonal slotted grates may be used in gravel/landscaped shoulders and on privately maintained systems. Solid lids shall be used within and sidewalk or crosswalk.
- K. At sag vertical curves, on the end of downgrade cul-de-sacs, or before intersections with a grade four percent or greater, an analysis shall be done to assure that typical catch basin grates will collect the surface runoff. To collect excessive volumes of runoff or protect against plugged grates and overflow situations, the City will require the use of through-curb inlet frames on vertical curbs. Where the through-curb inlets cannot be used, place a catch basin at the low point and two extra inlets located not greater than 0.1 foot above the low point grate within a distance of 25 feet.
- L. For new storm drains on existing rolled curb roadways use KCRS Figures 7-019 through 7-021.
- M. New catch basins that do not collect runoff shall use solid locking covers. Existing catch basins, which no longer collect runoff, shall have their frame and grates replaced with solid covers.
- N. All storm drain covers and grates within the right-of-way shall require locking lids and bolts. Additionally, all control structure and/or detention system storm drain covers shall be locking regardless of their location including hinged access points and large open grates.
- O. Trench drains may only be used outside of the right-of-way unless otherwise approved by the City Engineer. At a minimum, trench drains shall have catch basins or yard drains at either end unless used as a driveway culvert. The maximum distance between catch basins or yard drains along a trench drain shall be 100 feet.

10.06 Erosion and Sediment Control

Provide erosion and sediment control as required in the SWDM or as specified by other guidelines and/or regulatory requirements.

- A. When using geotextile for temporary silt fences, the material shall be designed specifically for erosion control. It shall meet the requirements of WSDOT Standard Specifications, Section 9-33.2(1), Table 6.
- B. Fencing must be inspected regularly and after each significant storm event for damage. Any damaged, loose, or deteriorated fencing must be repaired/replaced within 24-hours. Sediment collected behind the

fence must be removed so that this material does not push the fence over.

- C. All sites shall be permanently stabilized and all temporary erosion control measures removed prior to final approval.

10.07 Underground Structures

Where drainage structures are proposed below an area subject to traffic loading, including public roads, private roads, and parking lots, additional design consideration shall be applied.

- A. Large grates which do not utilize typical manhole or catch basin lids shall be located outside of the travel way, sidewalk, and any other public walkways.
- B. Maintenance access points and access openings shall be located outside of any vehicular travel lane. If it is not possible to locate outside of a vehicular travel lane, all access ports shall be located to allow maintenance work to be completed while maintaining at least one lane open to vehicle travel.
- C. All type 2 catch basins, manholes, and drainage vaults require access ladders and/or handholds per KSD 7-005. Ladders shall not exceed 6 inches beyond the edge of the frame and grate.
- D. Specialty structures or vaults subject to traffic loading shall be structurally designed by a Licensed PE (Structural) to support HS-25 loading standards and shall include a design for an additional 45,000 lbs. point load, applied on an 18"x18" area.
 - 1. Structural design plans shall be submitted to and approved by the City prior to construction of any such structure.
 - 2. Additional pavement markings or signage may be required at the discretion of the Fire Marshall to identify the structure location and alert emergency services of the structure below the surface.

10.08 Low Impact Development

Low Impact Development (LID) principles and Best Management Practices (BMPs) shall be designed and constructed in accordance with the SWDM (adopted KMC 13.35), including the design criteria, limitations and infeasibility criteria for each BMP, as applicable. Additionally, LID principles and BMPs shall adhere to the following:

- A. The right-of-way shall not be used for placement of stormwater facilities serving private property unless a City approved maintenance covenant is recorded onto the respective adjacent property title(s) or plat map.
- B. LID BMPs may be installed in the right-of-way for treatment or flow control of stormwater runoff from public roads. The facility shall comply with the city's clear zone requirements and Section 8.09 of these Standards.
- C. LID facilities on private property shall be located adjacent to the public right-of-way (plus any setback requirement outlined in the SWDM) unless a 10-foot wide minimum access road is constructed to the facility.
- D. BMP and bioretention system plantings in the right-of-way must be low growing species and mowable by City maintenance equipment (or as contracted), unless otherwise approved by the City Engineer. See Section 8.12 for approved plantings.
- E. Rain gardens shall not be located in the public right-of-way, unless otherwise approved by the City Engineer.

- F. Any LID BMP damaged by construction, maintenance activities, motor vehicles, or other activities, the party responsible shall restore the facility to an equivalent or better condition, as determined by the City Engineer.
- G. Landscaped amenity zones adjacent to sidewalk may be utilized for full/limited infiltration for sidewalks if reliable, see Appendix F for additional requirements.
- H. A report outlining feasibility with supporting documentation of LID BMPs shall be provided to the City for each project.
- I. All LID features shall be maintained per the SWDM. Maintenance requirements shall be noted on the final Plat Map. Where no plat map exists, maintenance covenants shall be recorded on each property identifying maintenance requirements.

Chapter 11: Utilities

11.01 General

All utility work, including maintenance, performed within the City right-of-way shall require a utility permit.

- A. A design/construction agreement in lieu of obtaining a permit may be used under the following circumstance:
 - 1. When the utility work performed is related to a utility relocation or an undergrounding request for a City Capital Improvement Project; and
 - 2. When the utility work will be performed during the construction period of the Capital Improvement Project; and
 - 3. When the utility work will be wholly contained within the work limits of the Capital Improvement Project.
- B. Utilities to be located within existing and proposed right-of-way shall be constructed in accordance with current franchise and/or permit conditions and KMC 12.55, and in compliance with these Standards. In their use of the right-of-way, utilities will be given consideration in concert with the traffic-carrying requirements of the road which are, namely, to provide safe, efficient and convenient passage for motor vehicles, pedestrians, and other transportation uses. Aesthetics shall be a consideration.
- C. Underground installation of all utilities is required for new developments, for new utilities (including extensions of existing), and for all new and relocated utility services. All attempts shall be made to underground utilities. The following are exceptions to undergrounding:
 - 1. Aerial utility replacements if there are no changes in the connection locations (pole and meter).
 - 2. Transfer of existing utilities to new pole as part of pole replacement or City directed relocations; existing pole must be removed.
 - 3. New utilities that can be attached to existing poles.
 - 4. Preservation of significant trees per KMC 18.20.2730, as approved by the City Engineer.
 - 5. Maintenance of utilities
 - 6. Other safety or environmentally sensitive situations as determined by the City Engineer.
- D. All permits for new placement and replacement of existing utility poles and other utility structures above grade shall be accompanied by written certification from the utility's professional engineer licensed in the State of Washington or from an agent authorized by the utility to certify that the installations conform to these Standards and that the proposed work is in conformity with sound engineering principles relating to street safety and Section 8.09.
- E. Utilities are subject to the KMC and policies relating to drainage, erosion/sedimentation control and sensitive areas as set forth in KMC 13.35 and the Surface Water Design Manual.
- F. Street trees planted within the right-of-way along streets under the jurisdiction of the City of Kenmore shall not be removed or cut back where it damages the aesthetic quality of the tree. Such trimming, when required by power or telephone companies to safeguard their wires, shall be done in a manner that preserves the general appearance of the tree. Trees, shrubs and other plantings shall not be removed or trimmed where it damages the aesthetic appearance of the planting areas. (KMC 12.70.080).
- G. For new installations and relocations related to City Capital Projects, utilities are responsible for

surveying locations of new utility locations and providing as-built drawings with station and offset information (taken from the City's project stationing) to the City.

11.02 Utility Locates

Utility locates are required per Section 4.10.

- A. Utility owners are responsible for locating their respective facilities. At the City's request, the exact depth and location of underground facilities shall be potholed by the respective utility. Location of the utility shall be documented on a map with measured locations noted at a minimum of every 50 feet.
- B. Utility locate markings on sidewalks, curb ramps, and other non-roadway areas shall be removed within 10 calendar days of work completion. Removal shall not damage the finished surface.

11.03 Standard Utility Locations within the Right-of-Way

Utilities within the right-of-way on new roads or on roads where existing topography or other utilities are not in conflict shall be located as indicated below (cover depth is measured from the pipe zone, see KSD 5-002). Where existing utilities are in place, new utilities shall conform to these Standards as nearly as practicable and yet be compatible with the existing installations. Existing utilities may require relocation to conform to the other requirements identified in these Standards. Above ground utilities located within intersections shall be placed to avoid conflict with placement of curb ramps and sidewalks. Mains and service connections to all lots shall be completed prior to placing of surface materials. Utilities shall be located as follows where feasible:

- A. Gas and Water Lines:
 - 1. Located 3 to 7 feet off the roadway centerline.
 - 2. Designated Side of Centerline: GAS: South and West. WATER: North and East.
 - 3. Depth: 36 inches (3 feet) minimum cover from finished grade.
- B. Individual water service lines and side sewers shall:
 - 1. Be placed with minimum 36-inch (3 feet) cover from finished grade, ditch bottom or natural ground.
 - 2. Use road right-of-way only as necessary to make side connections.
 - 3. For any one connection, not extend more than 60 feet along or through the right-of-way, or the minimum width of the existing right-of-way.
 - 4. Locate water meter boxes, when placed or replaced, on the right-of-way line immediately adjacent to the property being served, unless otherwise approved by the City Engineer and the water district.
- C. Sanitary Sewers: Locate no more than 3 feet off roadway centerline; depth 36-inch (3 feet) minimum cover from finished grade.
 - 1. Side Sewers shall be provided to all adjacent lots or parcels.
 - 2. Side Sewers shall be located per Northshore Utility District standards.
- D. Sanitary and water lines shall be separated in accordance with good engineering practice such as the Criteria for Sewage Work Design, Washington Department of Ecology, latest edition.
- E. Gravity systems, whether sanitary or storm drainage, shall have precedence over other systems in planning and installation except where a non-gravity sanitary or storm systems have already been installed under a previous approved permit and subject to applicable provisions of such permits or

franchises.

- F. Electric utilities, telephone, cable TV, fiber optic conduit, other telecommunication: All new services and system mainlines including extensions and underground relocations shall be installed underground with 36-inch (3 feet) minimum cover, either side of road outside of the established travel lanes, a minimum of 2 feet from the edge of pavement or curb, and at a depth compatible with other utilities and storm drains. The City may require additional clearance from the edge of pavement for roads proposed for widening for bike lanes or additional travel lanes. See Section 11.01 and 11.04 for undergrounding requirements. If undergrounding of new utilities is not feasible at locations where existing segments end or begin, new poles and other utility structures above grade shall conform to the following:
1. Utility poles or other approved essential roadside obstacles must comply with the clear-zone standards listed in Section 8.09.
 - i) Notwithstanding other provisions regarding pole locations described in these Standards, no pole shall be located so that it poses a hazard to the general public. Utilities shall place and replace poles with primary consideration given to public safety. Existing utility poles that do not comply with these Standards and are struck will be considered a hazard by the City and shall be mitigated by the utility in accordance with these Standards. Additionally, existing utility poles that comply with City Standards and are struck at least two times within the same five-year period shall be mitigated by the responsible utility as required by the City Engineer and in accordance with these Standards.
 2. Every effort shall be made to meet the Standards during emergency work or replacement of existing utility poles and other structures. After a pole has been replaced/relocated, the permittee is responsible for coordinating the transfers and pole removal. All utilities sharing that pole shall have a maximum of 180 days from the date the new pole is placed to relocate their facilities to the new pole and remove the old pole. Locations of poles shall also be compatible with driveways, intersections, and other road features (i.e., they shall not interfere with sight distances, road signing, traffic signals, culverts, etc.). To the extent possible, utilities shall share facilities so that a minimum number of poles are needed.
 3. Where road uses leave insufficient overhang, anchor, and tree-trimming space for overhead utilities, additional easements and/or right-of-way may be required to accommodate the utilities. The costs associated with additional easements and/or right-of-way for this purpose shall be borne by the Applicant or other party initiating the improvement.
 4. Where existing poles are in place, utilities shall consolidate onto the existing poles; no additional poles shall be installed.

11.04 Underground Installations

All hard surface roadways shall be jacked or bored except for storm drainage installations. Other exceptions will be considered on a case-by-case basis as needed.

- A. The underground systems shall not disturb existing survey monumentation unless there is no reasonable alternative. Disturbed monuments shall be corrected per WAC 332-120.
- B. When approved, the open cut shall be a neat-line cut made by saw cutting a straight continuous line. The current WSDOT Standard Specifications, Sections 7-08 and KSD detail 5-002 will generally apply unless otherwise stated.
 1. Trench sides shall be kept as nearly vertical as possible.
 2. Compaction and restoration must be done per KSD 5-002 and as detailed below and immediately

- after the trench is backfilled.
3. After backfill and compaction, if a permanent repair cannot be completed during that same work period, an immediate cold mix patch shall be placed and maintained in a manner acceptable to the City.
 4. A permanent hot mix patch per section 9.07 shall be placed and sealed before permit expiration but within 30 calendar days.
 5. Cement concrete pavement shall be restored in accordance with Section 5-05.3(22) of the WSDOT Standard Specifications.
 6. On crossings required to be opened to traffic prior to final trench restoration, steel plates shall be installed by the Contractor with cold patch wedges on all sides or as directed by the City.
- C. Backfill in Roadway: Trench backfill shall be crushed surfacing top course or base course meeting the requirements of Section 9-03.9(3) of the WSDOT Standard Specifications unless otherwise approved by the City Engineer.
1. For excavations more than 4 feet deep (not including the pipe zone), gravel borrow backfill may be approved by the City Engineer for depths below 4 feet.
 2. Native backfill may only be used upon approval of the material by the Inspector; the Inspector may require a Licensed PE (Geotechnical) to assess and certify the native material as suitable backfill.
 3. Backfill shall be placed and compacted mechanically at a maximum of 12-inch lifts to 95 percent of the maximum density as determined by ASTM D1557 Modified proctor test.
 4. Pipe Zone Bedding material for utilities other than Storm Drainage shall be Gravel Backfill for Pipe Zone Bedding, Gravel Backfill for Drains, or Gravel Backfill for Sand Drains per WSDOT Standard Specifications 9-03.12. Fluidized thermal backfill, controlled density fill (CDF), or other material may be used as approved by the City.
- D. All underground utilities shall have locator tape placed the full length of the underground run and placed between 1 and 2 feet directly above the respective utility.
- E. Pavement Restoration: Restoration of a trench within an asphalt pavement shall include HMA to the same thickness as the existing asphalt pavement or per Section 9, whichever is the greater.
1. Concrete pavement shall be restored consistent with Section 5-05 of the WSDOT Standard Specifications. Any concrete pavement traffic lane affected by the trenching shall have all affected panels fully replaced.
 2. Asphalt pavement shall be repaired depending on the impacts to the asphalt surface as directed below:
 - i. Any roadway surfaced (new construction or overlay) within the previous 5 years shall be restored with a 2-inch grind and overlay the full width of the roadway and shall extend a minimum of 20 feet beyond the cut limits.
 - ii. Cuts for pothole investigations, boring/receiving pits, for trenches which run perpendicular to the roadway which only impact one-side of the striped centerline, or for any cut which is entirely within limits of the roadway shoulder and is outside the existing or future travel way, shall neat cut the asphalt pavement 1 foot beyond the limits of the trench/pit and patch with new asphalt material. The edges of the new asphalt patch shall be sealed with asphalt binder (AR-4000 or approved equivalent).
 - iii. Cuts running predominantly parallel to the roadway which only impact one side of the striped centerline shall be repaired with a half-width 2-inch grind and overlay between the striped

- centerline and the edge of pavement or curb and shall extend a minimum of 20 feet beyond the cut limits. Pavement undisturbed by trenching activities shall be ground as needed to meet the requirements of a half-width overlay.
- iv. Cuts of any type which impact more than one side of the striped centerline shall be repaired with a full-width 2 inch grind and overlay and shall extend a minimum of 20 feet beyond the cut limits. Pavement undisturbed by trenching activities shall be ground as needed to meet the requirements of a full-width overlay.
 - v. Any location where an activity results in more than 2 separate cuts of any type within 100 feet of each other shall be interpreted as a singular cut with the overlay requirement as noted above.
 - vi. Utility cuts (with the exception of pothole investigations) within 100 feet of each other and occurring within a 5-year period by the same utility will be considered one activity and subject to pavement restoration requirements as outlined in this section.
 - vii. Pothole investigations less than 6 inches (at the widest location in the pavement) within 10 feet of each other and occurring within a 5-year period by the same agency/development will be considered one activity and subject to pavement restoration requirements as outlined in this section.
 - viii. Where a striped centerline does not exist, the "centerline" shall be at the crown line or as determined by the City Engineer. In cases of superelevation or where the crown line is not at the approximate center of the paved roadway, the City Engineer may consider the "centerline" to be the measured center of the paved roadway.
 - ix. Overlays shall be consistent with Section 9.05.
- F. Controlled Density Backfill: As an alternative to mechanical compaction, trench backfill above the bedding and below asphalt/concrete may be accomplished by use of controlled density backfill (CDF) in a design mixture according to Section 2-09.3(1) E of WSDOT Standard Specifications.
- 1. The Contractor shall provide a mix design in writing and the CDF shall not be placed until the City has reviewed the mix design and authorized its use.
 - 2. CDF shall meet the requirements of Section 6-02 of the WSDOT Standard Specifications and shall be accepted based on a Certificate of Compliance.
 - 3. The producer shall provide a Certificate of Compliance for each truckload of control density fill. The Certificate of Compliance shall verify that the delivered material is in compliance with the mix design.
- G. Backfill outside the roadway prism: Backfill outside the roadway prism shall be excavated material free of wood waste, debris, clods and/or any rocks exceeding six-inches in any dimension and meet compaction requirements.
- H. All work shall be inspected and tested per Chapter 4.06.

11.05 Inspection & Notification

The Applicant shall adhere to inspection notification requirements per the approved permit, existing franchise agreement, and Chapter 4.

11.06 Final Adjustments

All utility covers, including drainage, which are located on proposed asphalt roadways, shall be temporarily placed

at subgrade elevation prior to placing crushed surfacing material.

- A. Final adjustment of all covers and access entries shall be made following final paving by:
 1. Sawcutting or neat-line jack hammering of the pavement around lids and covers. Opening should not be larger than 12 inches beyond the radius of the cover.
 2. Removing base material, surfacing course, and frame; adding risers; replacing frame and cover no higher than finished grade of pavement and no lower than one-half inch below the pavement.
 3. Filling and mechanically compacting around the structure and frame with crushed surfacing material, or asphalt treated base, or placing in 5-inch minimum thickness of cement concrete Class 4000 to within 3 inches of the top.
 4. Filling the remaining 3 inches with HMA compacted and sealed to provide a dense, uniform surface.
 5. Final adjustment of all covers and access entries shall be completed prior to permit expiration but within 30 days of final paving.
 6. Final adjustments may be done prior to the final pavement lift utilizing HMA and paper joints around covers, as approved by the Inspector.

11.07 Microtrenching

Microtrenching shall mean a narrow open excavation trench for the purpose of installing a subsurface pipe or conduit. Microtrenching as an alternative to boring may be considered for telecommunication, fiber and cable installations at the discretion of the City Engineer. The following minimum standards will apply to microtrenching:

- A. The trench shall be between 1 and 2 inches in width or as otherwise approved by the City Engineer.
- B. For local roads: conduit/conductor shall be installed at depth of 12 inches below the established finished grade of the existing paved surface.
- C. For arterial and collector roads: conduit/conductor shall be installed at a depth of 16-18 inches below the finished grade of the existing paved surface.
- D. Microtrench shall be a minimum of 2 feet from any existing curb/gutter.
- E. A 4-inch deep, 18-inch wide (centered on the proposed microtrench) pavement grind shall be made the full length of the trench.
- F. Microtrenching is allowed within walkways, curb/gutter, or concrete paved roads, however, panel/segments from joint to joint must be removed and replaced; no sawcutting of concrete will be allowed.
- G. Microtrench shall be backfilled with water compacted sand to the bottom of the ground pavement layer followed with hot mix asphalt (HMA). Cement/sand slurry reaching 2500 psi may be used in lieu of compacted sand.
- H. HMA patch shall be installed and finished per Section 9.07.

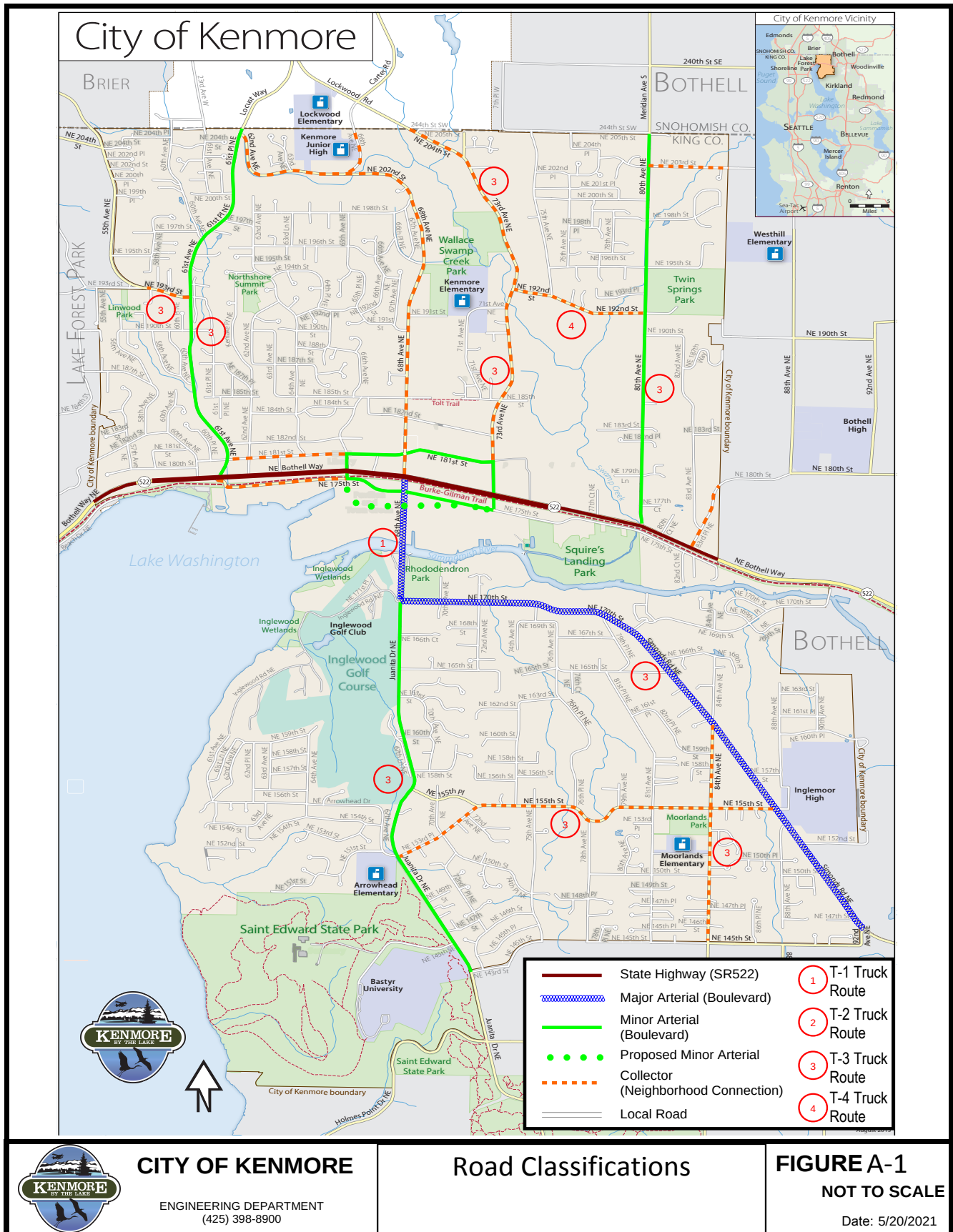
[END]



APPENDIX A

ROAD CLASSIFICATIONS

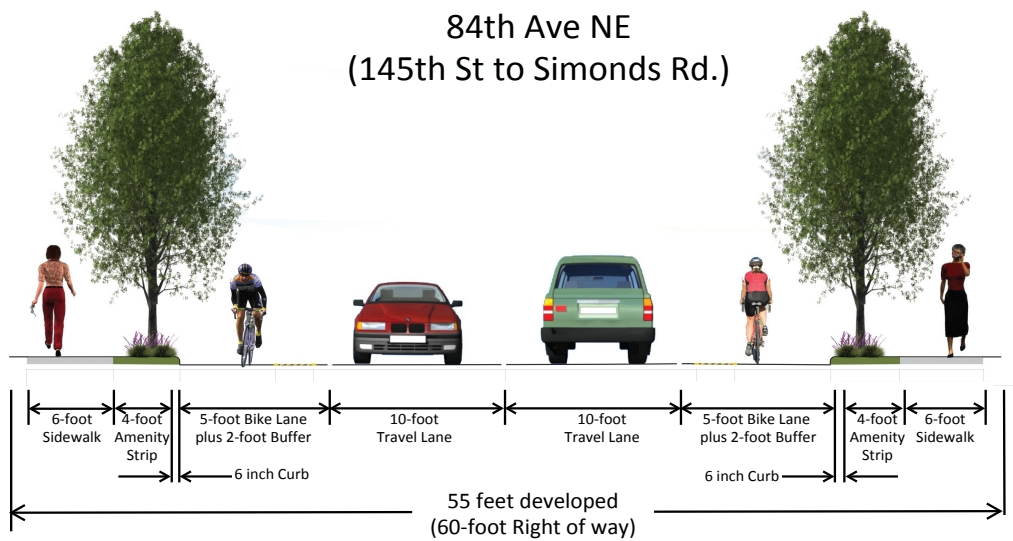
DRAFT





APPENDIX B

ROAD SECTIONS



CITY OF KENMORE

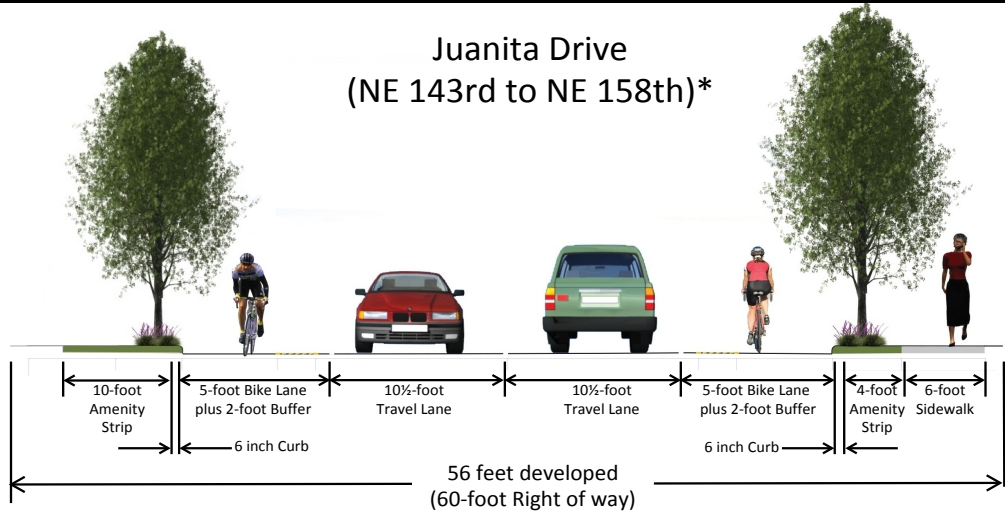
ENGINEERING DEPARTMENT
(425) 398-8900

84th Ave NE
Cross Section

FIGURE B-10
NOT TO SCALE

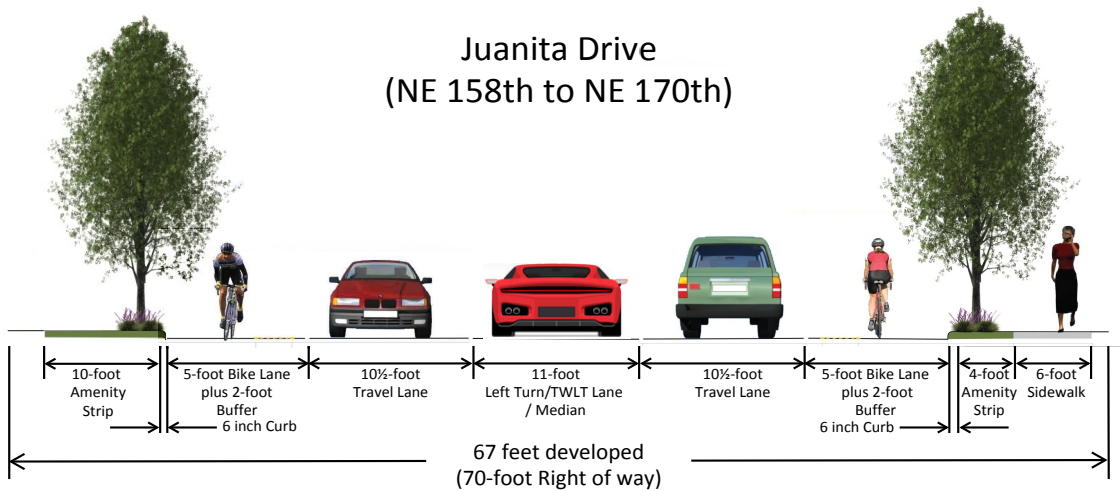
Date: 10/26/2020

Juanita Drive (NE 143rd to NE 158th)*

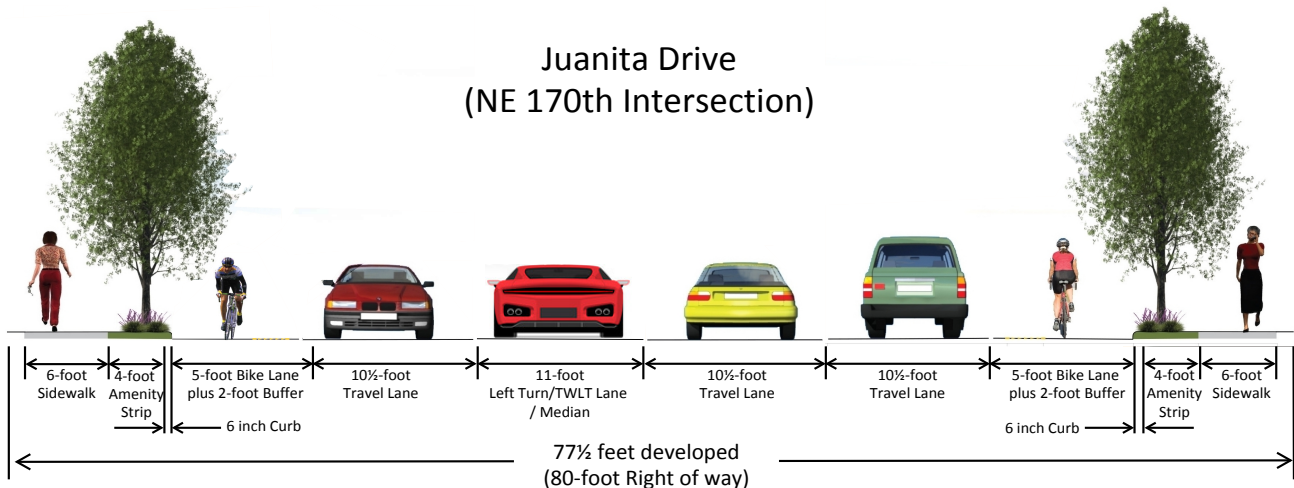


* For NE 143rd and Arrowhead/NE153rd intersections, see NE 158th to NE 170th cross section

Juanita Drive (NE 158th to NE 170th)



Juanita Drive (NE 170th Intersection)



CITY OF KENMORE

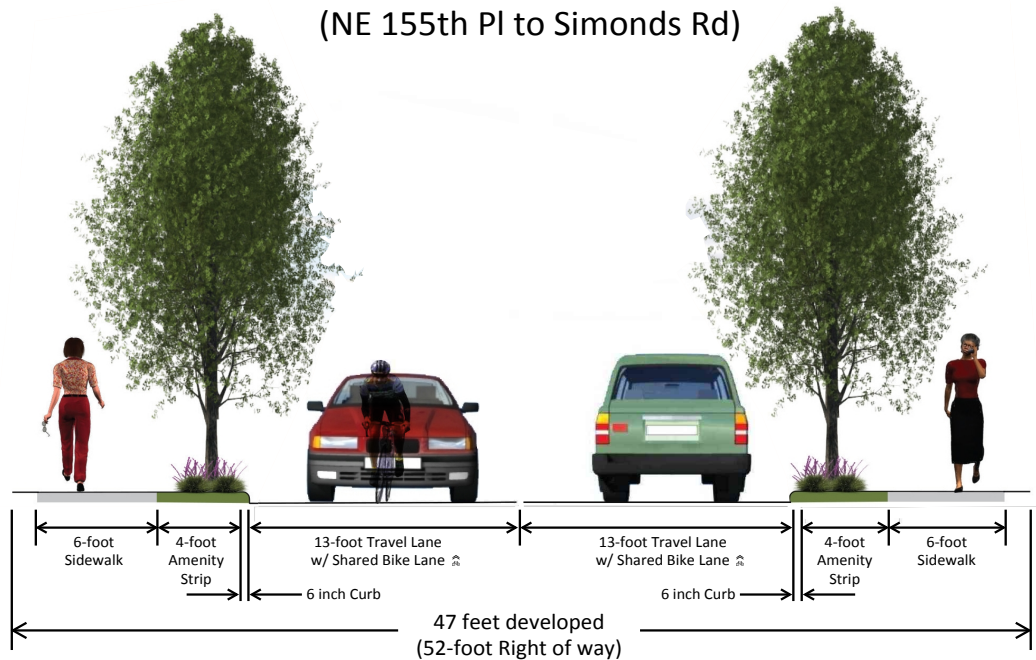
ENGINEERING DEPARTMENT
(425) 398-8900

**Juanita Drive
Cross Section**

**FIGURE B-7
NOT TO SCALE**

Date: 11/06/2020

NE 153rd PI
(Juanita Dr to NE 155th PI)
NE 155th St
(NE 155th PI to Simonds Rd)



CITY OF KENMORE

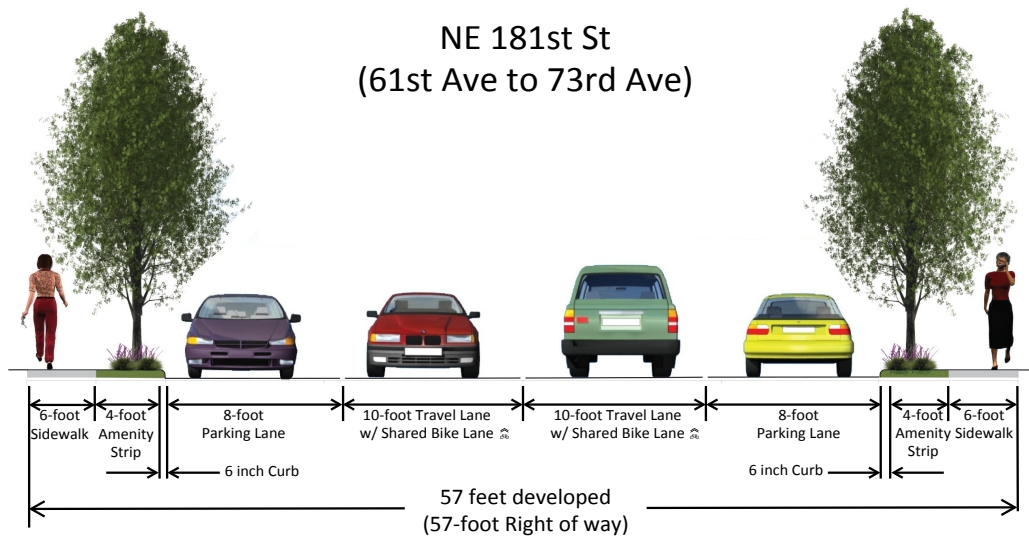
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(425) 398-8900

**NE 155th St/NE 153rd PI
Cross Section**

FIGURE B-5

NOT TO SCALE

Date: 11/5/2020



CITY OF KENMORE

ENGINEERING DEPARTMENT
(425) 398-8900

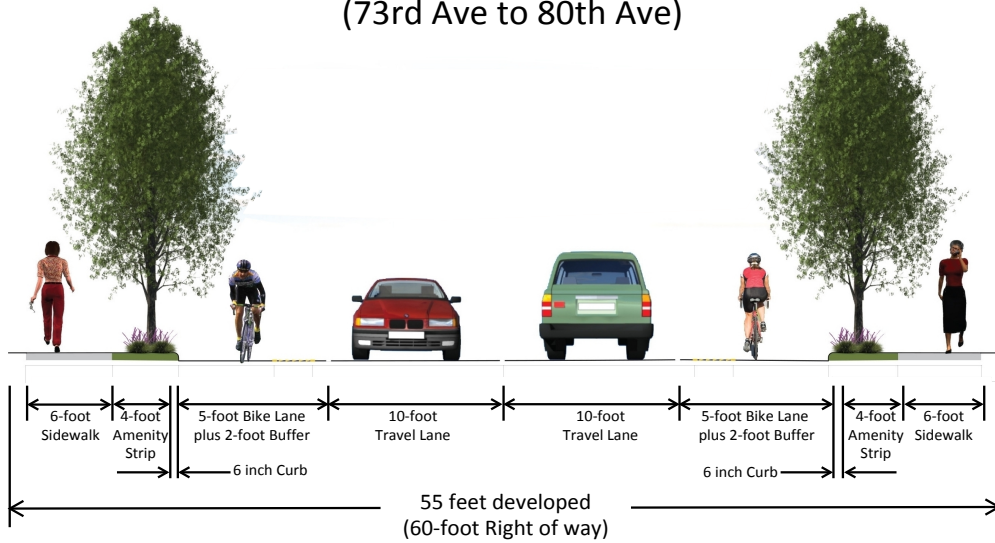
**NE 181st St
Cross Section**

FIGURE B-9

NOT TO SCALE

Date: 10/26/2020

NE 192nd St
(73rd Ave to 80th Ave)



CITY OF KENMORE

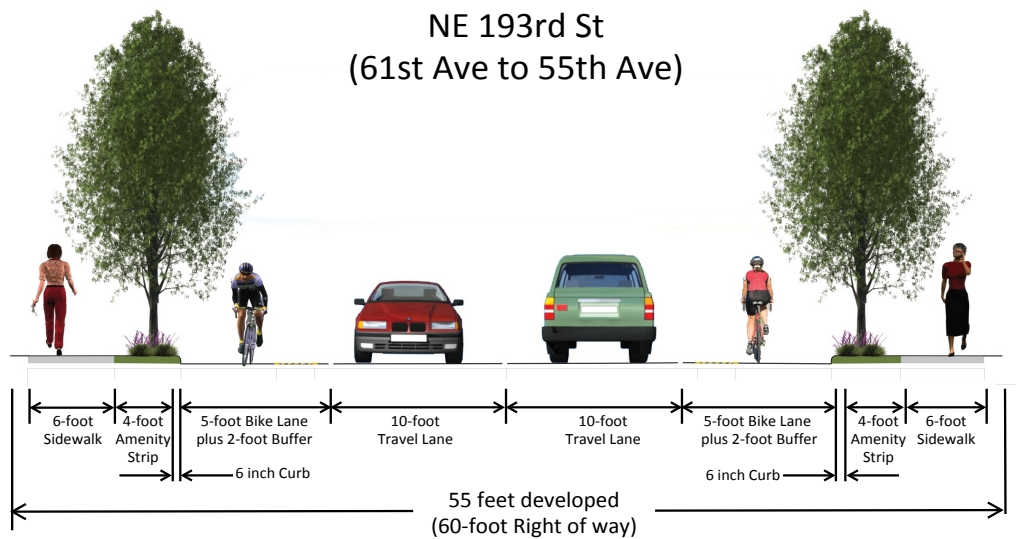
ENGINEERING DEPARTMENT
(425) 398-8900

**NE 192nd St
Cross Section**

FIGURE B-8

NOT TO SCALE

Date: 11/02/2020



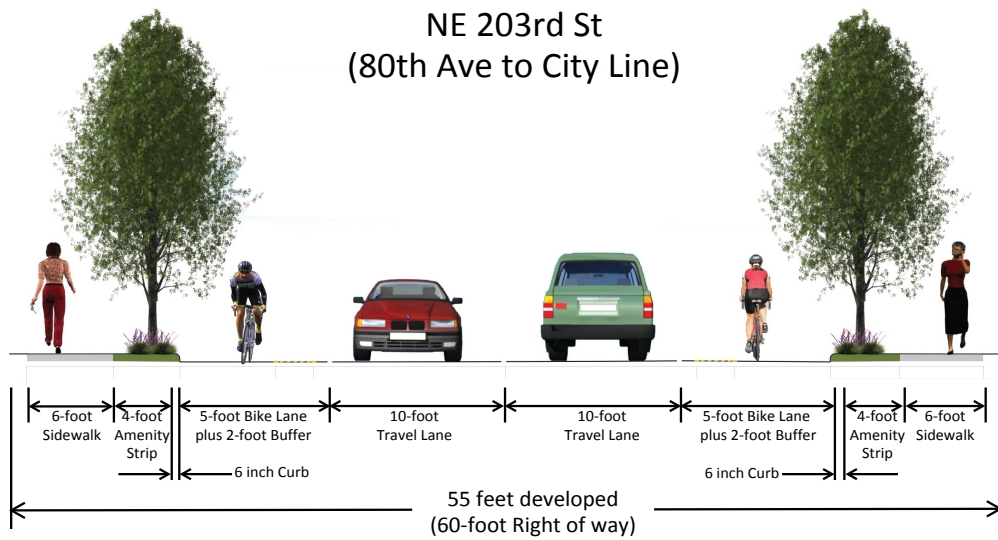
CITY OF KENMORE

ENGINEERING DEPARTMENT
(425) 398-8900

**NE 193rd St
Cross Section**

**FIGURE B-11
NOT TO SCALE**

Date: 10/26/2020



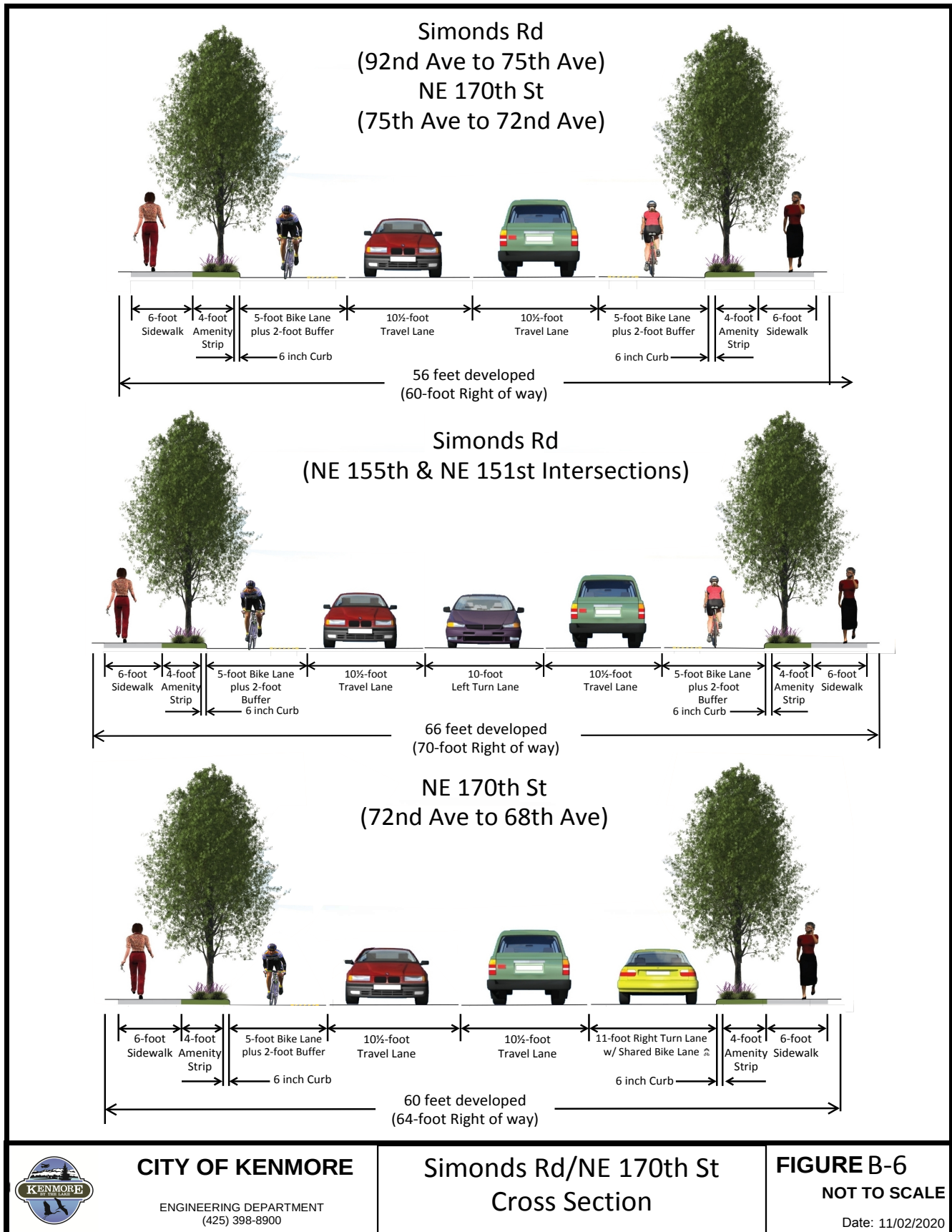
CITY OF KENMORE

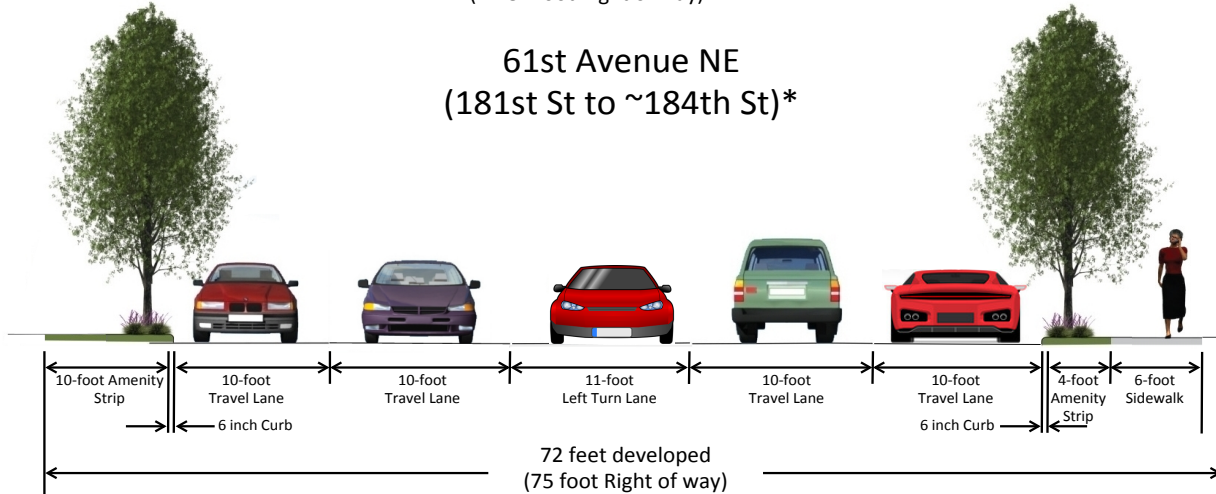
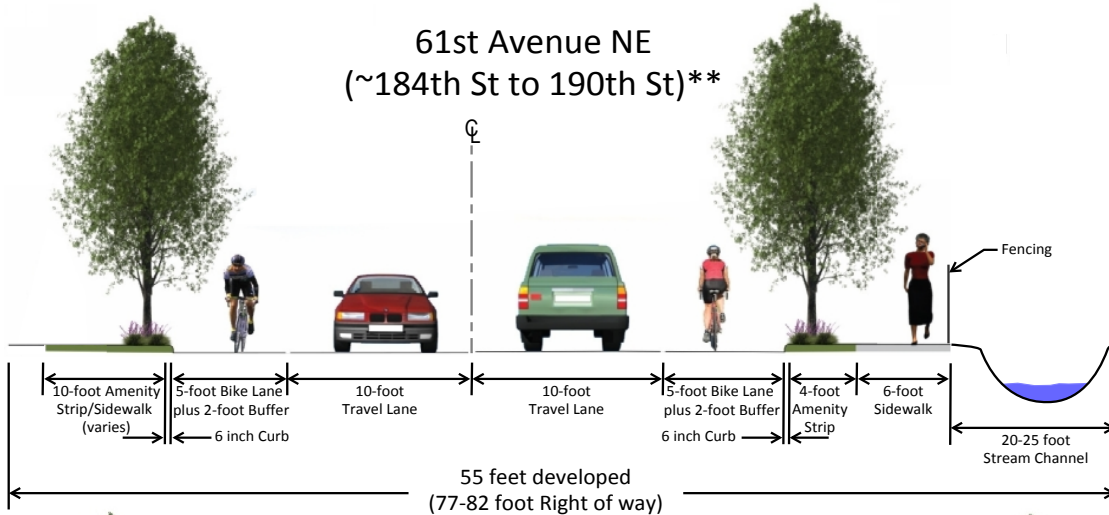
ENGINEERING DEPARTMENT
(425) 398-8900

**NE 203rd St
Cross Section**

**FIGURE B-12
NOT TO SCALE**

Date: 10/26/2020





* Cross section transitions from 5 lane to 2 lane with bike lane configuration

** additional 11-foot wide left turn lane required at the 190th and 193rd intersections (NB and SB) and 11-foot right turn pocket at 61st Pl/62nd Ave (NB)



CITY OF KENMORE

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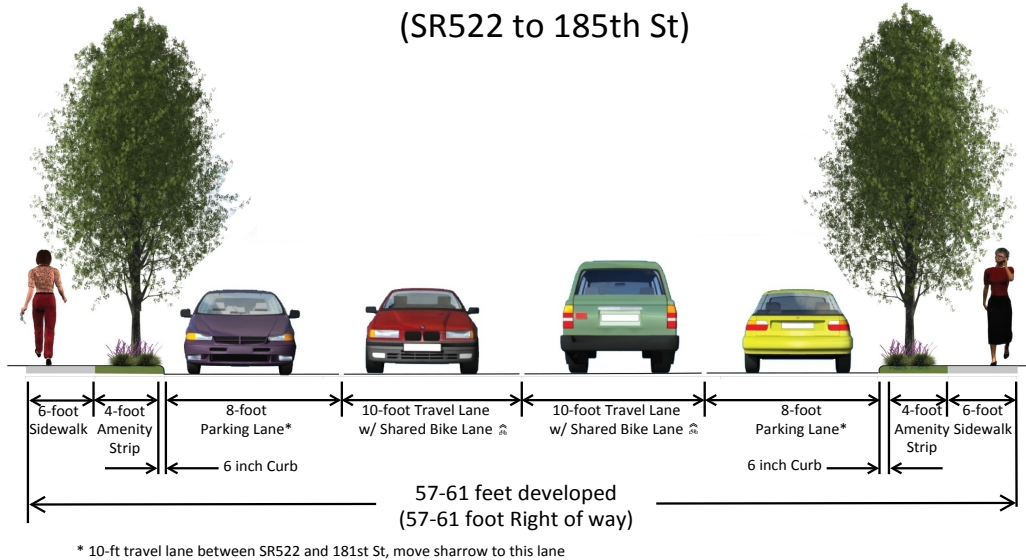
**61st Ave NE / 61st Pl NE
Cross Section**

FIGURE B-2

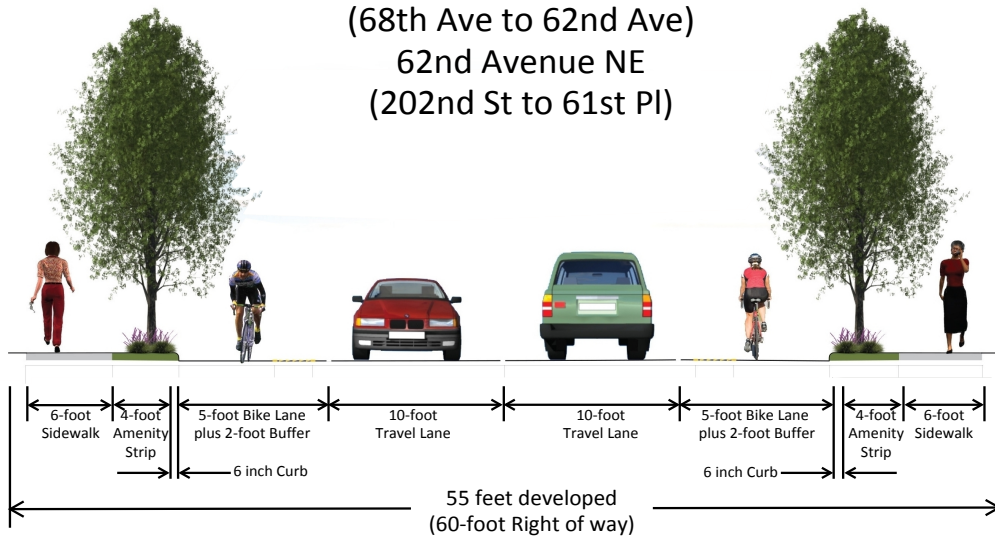
NOT TO SCALE

Date: 10/26/2020

68th Avenue NE (SR522 to 185th St)



68th Avenue NE (185th St to 202nd Ave) NE 202nd St (68th Ave to 62nd Ave) 62nd Avenue NE (202nd St to 61st Pl)



CITY OF KENMORE

ENGINEERING DEPARTMENT
(425) 398-8900

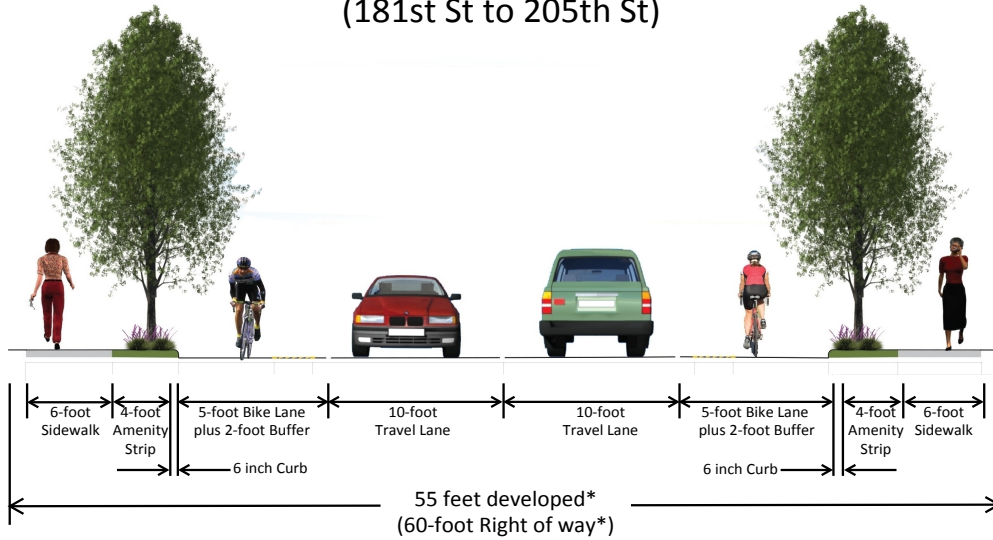
**68th Ave NE / NE 202nd St
Cross Section**

FIGURE B-1

NOT TO SCALE

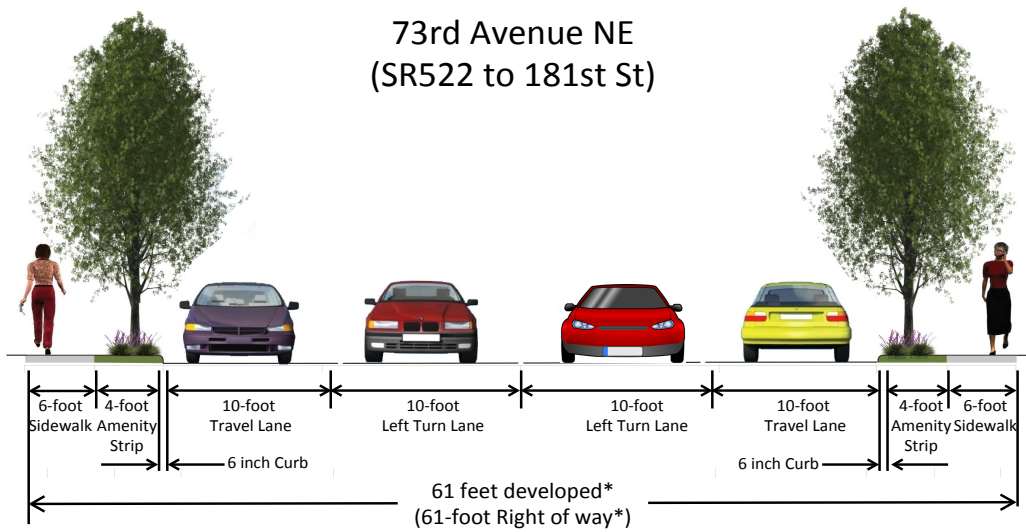
Date: 10/26/2020

73rd Avenue NE (181st St to 205th St)



* An additional 13-foot left turn pocket north side of NE 181st St Intersection, transition from sharrow to bike lanes

73rd Avenue NE (SR522 to 181st St)



* Developed right of reduces to 2 through lanes with 13-foot wide left turn pocket at NE 181st St



CITY OF KENMORE

ENGINEERING DEPARTMENT
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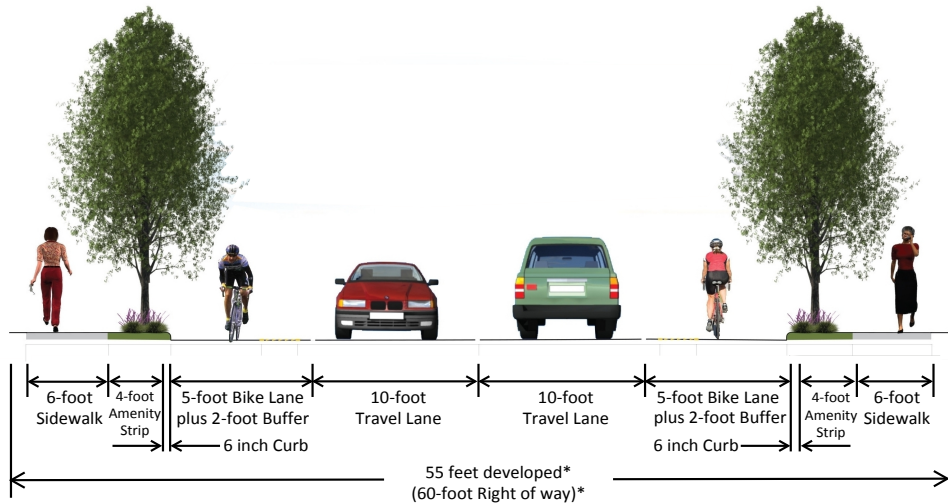
**73rd Ave NE
Cross Section**

FIGURE B-4

NOT TO SCALE

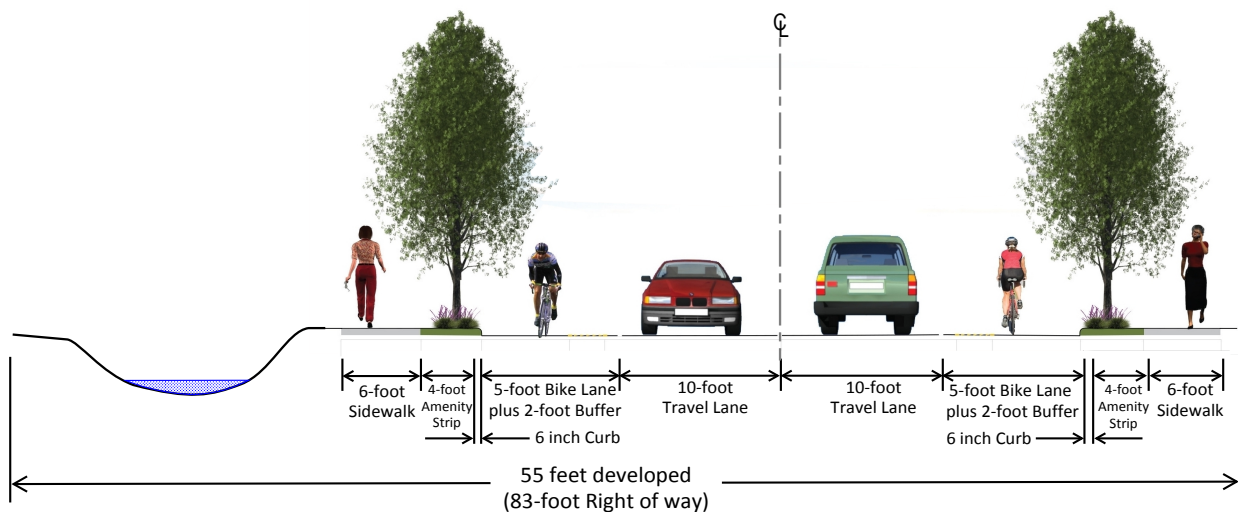
Date: 11/02/2020

80th Avenue NE
(SR522 to 193rd Pl)
(198th St to 205th St)



* An additional 13-foot left turn pocket at SR522 Intersection beginning near NE 177th Ct

80th Avenue NE
(193rd Pl to 198th St)



CITY OF KENMORE

ENGINEERING DEPARTMENT
(425) 398-8900

**80th Ave NE
Cross Section**

FIGURE B-3

NOT TO SCALE

Date: 11/02/2020



APPENDIX C

STREET TREE LIST

CITY OF KENMORE STREET TREE LIST 5/1/2021

The following street tree list includes the main tree species approved for installation within the City's right-of-way. The list incorporates trees that offer maximum flexibility but also ensures the safe and efficient operation of the public right-of-way. Tree selection should be made taking into consideration of the environmental and built condition of any location so that the best suited tree is used. Factors such as, but not limited to, soil type, available space, sun exposure, existing utilities, microclimate, drainage, etc. should be taken into consideration when selecting a tree. The specific site selected should be examined to determine the area needed for future growth for the life of the tree.

Botanical	Common (* denotes drought tolerant)	Mature Height	Mature Width	Deciduous / Evergreen	Size ¹	Approved for Amenity Strip
<i>Abies koreana</i>	Korean Fir	18'	8'	Evergreen	Small	No
<i>Abies pinsapo</i>	Spanish Fir*	30'	15'	Evergreen	Small	No
<i>Abies pinsapo</i> 'Glaucous'	Blue Spanish Fir*	30'	15'	Evergreen	Small	No
<i>Acer buergerianum</i>	Trident Maple*	35'	35'	Deciduous	Medium	Yes
<i>Acer circinatum</i>	Vine Maple*	20'	20'	Deciduous	Small	No
<i>Acer griseum</i>	Paperbark Maple*	30'	25'	Deciduous	Small	Yes
<i>Acer rubrum</i> 'Armstrong'	Armstrong Maple	50'	25'	Deciduous	Large	Yes
<i>Acer rubrum</i> 'Bowhall'	Bowhall	40'	15'	Deciduous	Medium	Yes
<i>Acer saccharum</i> 'Barrett Cole' APOLLO®	Sugar Maple	30'	12'	Deciduous	Small	Yes
<i>Acer saccharum</i> 'Temple's Upright'	Sugar Maple	45'	17'	Deciduous	Medium	Yes
<i>Acer triflorum</i>	Threeflower Maple*	30'	25'	Deciduous	Small	Yes
<i>Acer</i> 'Warrenred' PACIFIC SUNSET®	Painted Maple*	30'	25'	Deciduous	Small	Yes
<i>Amelanchier</i> varieties	Serviceberry*	15'	10'	Deciduous	Small	No
<i>Arbutus unedo</i>	Strawberry tree*	20'	20'	Evergreen	Small	No
<i>Calocedrus decurrens</i>	Incense Cedar*	40'	12'	Evergreen	Medium	No
<i>Cercidiphyllum japonicum</i> (compact varieties available)	Katsura Tree	60'	50'	Deciduous	Large	Yes
<i>Chamaecyparis obtusa</i> 'Filicoides Compacta'	Compact Fernspray Hinoki Cypress*	15'	6'	Evergreen	Small	No
<i>Chamaecyparis obtusa</i> 'Gracilis'	Hinoki Cypress*	25'	10'	Evergreen	Small	No
<i>Cornus</i> 'Eddie's White Wonder'	Eddie's White Wonder Dogwood	35'	20'	Deciduous	Medium	Yes
<i>Cornus kousa</i> var. <i>chinensis</i> 'Milky Way'	Chinese Dogwood	30'	25'	Deciduous	Small	Yes
<i>Cornus mas</i>	Cornelian cherry*	15'	15'	Deciduous	Small	Yes
<i>Fagus sylvatica</i> 'Rohan Obelisk'	Columnar Purple Beech	35'	15'	Deciduous	Medium	Yes
<i>Ginkgo biloba</i> 'Tubifolia'	Maidenhair Tree*	25'	18'	Deciduous	Small	Yes
<i>Koelreuteria paniculata</i>	Goldenrain Tree*	30'	25'	Deciduous	Small	Yes
<i>Malus</i> 'Adirondack'	Flowering Crabapple*	18'	10'	Deciduous	Small	Yes

Botanical	Common (* denotes drought tolerant)	Mature Height	Mature Width	Deciduous / Evergreen	Size ¹	Approved for Amenity Strip
Malus 'Jewelcole' RED JEWEL TM	Flowering Crabapple*	15'	12'	Deciduous	Small	Yes
Malus 'Sutyzam' SUGAR TYME TM	Flowering Crabapple*	18'	15'	Deciduous	Small	Yes
Malus transitoria 'Schmidtcutleaf' GOLDEN RAINDROPS TM	Flowering Crabapple*	20'	15'	Deciduous	Small	Yes
Liriodendron tulipifera 'Fastigiatum'	Columnar Tulip Tree*	60'	20'	Deciduous	Large	Yes
Parrotia persica	Persian Ironwood*	40'	40'	Deciduous	Large	Yes
Parrotia persica 'Vanessa'	Persian Ironwood*	40'	20'	Deciduous	Medium	Yes
Picea omorika	Serbian Spruce*	30'	10'	Evergreen	Small	No
Pinus contorta 'Chief Joseph'	Golden Lodgepole Pine	20'	6'	Evergreen	Small	No
Pinus flexilis 'Vanderwolf's Pyramid'	Limber Pine*	25'	15'	Evergreen	Small	No
Pinus thunbergii 'Thunderhead'	Compact Japanese Black Pine*	20'	20'	Evergreen	Small	No
Quercus palustris 'Pringreen' GREEN PILLAR TM	Columnar Pin Oak	45'	15'	Deciduous	Medium	Yes
Quercus rubra	Red Oak	50'	40'	Deciduous	Large	Yes
Tsuga mertensiana	Mountain Hemlock	20'	8'	Evergreen	Small	No

1. Small trees required a minimum amenity strip/planting area width of 4 feet wide
Medium trees require a minimum amenity strip/planting area width of 5 feet wide
Large trees require a minimum amenity strip/planting area width of 6 feet wide



APPENDIX D

STANDARD PLAN NOTES

CITY OF KENMORE STANDARD PLAN NOTES (Last Updated 5/06/2021)

The standard plan notes must be included on all engineering plans. Notes which in no way apply to the project may be omitted; however, the remaining notes must not be renumbered. For example, if General Note #3 were omitted, the remaining notes should remain numbered 1, 2, 4, 5, 6, etc.

GENERAL NOTES

- (1) All design and construction shall be in accordance with permit conditions, the Kenmore Municipal Code (KMC), City of Kenmore 2021 Road Standards (COKRS), 2016 King County Surface Water Design Manual (as amended by City of Kenmore), Washington State Department of Transportation (WSDOT) Standard Specifications (current edition), and the conditions of preliminary approval. It shall be the sole responsibility of the applicant and the professional civil engineer of record to correct any error, omission, or variation from the above requirements found in these plans. All corrections shall be at no additional cost or liability to the City of Kenmore.
- (2) The design elements within these plans have been reviewed against the existing codes and standards at the time of application. Some elements may have been overlooked or missed by the City of Kenmore plan reviewer. Any variance from adopted standards is not allowed unless specifically approved by the City of Kenmore prior to construction.
- (3) Approval of this road, grading, parking and drainage plan does not constitute an approval of any other construction (e.g. domestic water conveyance, sewer conveyance, gas, electrical, etc.).
- (4) Before any construction or development activity, a pre-construction meeting must be held between the City's Inspector, the Applicant, and the Applicant's Construction Representative.
- (5) A copy of these approved plans must be on the job site whenever construction is in progress.
- (6) Construction activities are limited to the hours of 7 a.m. to 7 p.m. Monday through Friday and 9 a.m. to 5 p.m. on Saturday. No construction is to take place on Sundays or Holidays.
- (7) It shall be the applicant's / contractor's responsibility to obtain all construction easements necessary before beginning any off-site work. Easements require review and approval by the City prior to construction.
- (8) Utilities or other installations that are not shown on these approved plans shall not be constructed unless an approved set of plans that meet all standard requirements are submitted to the City of Kenmore 30 days prior to construction.
- (9) Datums shall be NAVD 88 and NAD 83/91 (KMC 17.15.130), unless otherwise approved by the City of Kenmore.
- (10) Dewatering system (underdrain) construction shall be within the right-of-way or appropriate drainage easement, but not underneath the roadway section. All underdrain systems must be constructed in accordance with WSDOT Standard Specifications.
- (11) All utility trenches and roadway subgrade shall be backfilled and compacted to 95 percent density, modified proctor.
- (12) All pavement shall be compacted to a minimum of 92 percent compaction of RICE value.
- (13) Open cutting of existing roadways for utility or storm work is not allowed unless specifically approved by the City of Kenmore and noted on these approved plans. Any open cut shall be restored in accordance with COKRS.
- (14) The Contractor shall be responsible for providing adequate safeguards, safety devices, protective equipment, flaggers, and any other needed actions to protect the life, health, and safety of the public, and to protect property in connection with the performance of work covered by the contractor. Any work within the traveled right-of-way that may interrupt normal traffic flow shall require at least one flagger for each lane of traffic affected. The most current Manual on Uniform Traffic Control Devices (MUTCD) shall apply. Work in right-of-way is not authorized until a traffic control plan is approved by the City of Kenmore.

DRAINAGE NOTES

- (1) Proof of liability insurance shall be submitted to the City of Kenmore prior to the construction of the drainage facilities, preferably at the pre-construction meeting.
- (2) All pipe and appurtenances shall be laid on a properly prepared foundation in accordance with WSDOT specifications. This shall include leveling and compacting the trench bottom, the top of the foundation material, and any required pipe bedding, to a uniform grade so that the entire pipe is supported by a uniformly dense unyielding base.
- (3) Steel pipe shall be aluminized or galvanized with asphalt treatment #1 or better inside and outside.
- (4) All drainage structures, such as catch basins and manholes, not located within a traveled roadway or sidewalk, shall have solid locking lids. All drainage structures associated with a permanent retention/detention facility shall have solid locking lids.
- (5) All catch basin grates shall conform to COKRS.
- (6) All driveway culverts located within City of Kenmore right-of-way shall be of sufficient length to provide a minimum 3:1 slope from the edge of the driveway to the bottom of the ditch. Culverts shall have beveled end sections to match the side slope requirement of COKRS.
- (7) Rock for erosion protection of roadway ditches, where required, must be of sound quarry rock, placed to a depth of 1 foot, and must meet the following specifications: 4"-8"/40%-70% passing; 2"- 4" rock/30%-40% passing; and -2" rock/10%-20% passing. Installation shall be in accordance with COKRS.
- (8) Drainage outlets (stub-outs) shall be provided for each individual lot, except for those lots approved for infiltration or other BMP by the City of Kenmore. Stub-outs shall conform to the following:
 - a) Each outlet shall be suitably located at the lowest elevation on the lot, so as to service all future roof downspouts and footing drains, driveways, yard drains, and any other surface or subsurface drains necessary to render the lots suitable for their intended use. Each outlet shall have free-flowing, positive drainage to an approved stormwater conveyance system or to an approved outfall location.
 - b) Outlets on each lot shall be located with a five-foot-high, 2" x 4" stake marked "storm" or "drain". The stub-out shall extend above surface level, be visible, and be secured to the stake.
 - c) Pipe material shall conform to underdrain specifications described in COKRS and, if non-metallic, the pipe shall contain wire or other acceptable detection.
 - d) Drainage easements are required for drainage systems designed to convey flows through individual lots.
 - e) The applicant/contractor is responsible for coordinating the locations of all stub-out conveyance lines with respect to the utilities (e.g. power, gas, telephone, television).
 - f) All individual stub-outs shall be privately owned and maintained by the lot homeowner.
- (9) All disturbed pervious areas (compacted, graded, landscaped, etc.) of the development site must demonstrate one of the following: The existing duff layer shall be staged and redistributed to maintain the moisture capacity of the soil, OR; Amended soil shall be added to maintain the moisture capacity.
- (10) Seasonal clearing is limited between October 1 and April 30 inclusive, unless otherwise approved with a written decision by the City of Kenmore.

EROSION AND SEDIMENTATION CONTROL NOTES

- (1) Approval of the project's erosion and sedimentation control (ESC) plan does not constitute an approval of permanent road or drainage design (e.g. size and location of roads, pipes, restrictors, channels, retention facilities, utilities, etc.)
- (2) The implementation of these ESC plans and the construction, maintenance, replacement, and upgrading of these ESC facilities is the responsibility of the applicant/ESC supervisor until all construction is approved.
- (3) The boundaries of the clearing limits shown on this plan shall be clearly flagged by survey tape or fencing, if required, prior to construction (KCSWDM Appendix D). During the construction period, no disturbance beyond the clearing limits shall be permitted. The clearing limits shall be maintained per the standards by the applicant/ESC supervisor for the duration of construction.
- (4) Stabilized construction entrances shall be installed at the beginning of construction and maintained for the duration of the project. Additional measures, such as constructed wheel wash systems or wash pads, may be required to ensure that all paved areas are kept clean and track out to road right of way does not occur for the duration of the project.
- (5) The ESC facilities shown on this plan must be constructed prior to or in conjunction with all clearing and grading so as to ensure that the transport of sediment to surface waters, drainage systems, and adjacent properties is minimized.
- (6) The ESC facilities shown on this plan are the minimum requirements for anticipated site conditions. During the construction period, these ESC facilities shall be upgraded as needed for unexpected storm events and modified to account for changing site conditions (e.g. additional cover measures, additional sump pumps, relocation of ditches and silt fences, perimeter protection etc.).
- (7) The ESC facilities shall be inspected daily by the applicant/ESC supervisor and maintained to ensure continued proper functioning. Written records shall be kept of weekly reviews of the ESC facilities.
- (8) Any areas of exposed soils, including roadway embankments that will not be disturbed for two days during the wet season or seven days during the dry season shall be immediately stabilized with the approved ESC cover methods (e.g., seeding, mulching, plastic covering, etc.).
- (9) Any area needing ESC measures, not requiring immediate attention, shall be addressed within seven (7) days.
- (10) The ESC facilities on inactive sites shall be inspected and maintained a minimum of once a month or within 24 hours following a storm event.
- (11) At no time shall more than one (1) foot of sediment be allowed to accumulate within a catch basin. All catch basins and conveyance lines shall be cleaned prior to paving. The cleaning operation shall not flush sediment-laden water into the downstream system.
- (12) Any permanent retention/detention facility used as a temporary settling basin shall be modified with the necessary erosion control measures and shall provide adequate storage capacity. If the permanent facility is to function ultimately as an infiltration system, the temporary facility must be rough graded so that the bottom and sides are at least three feet above the final grade of the permanent facility.
- (13) Cover measures will be applied in conformance with Appendix D of the Surface Water Design Manual.
- (14) Prior to the beginning of the wet season (October 1), all disturbed areas shall be reviewed to identify which ones can be seeded in preparation for the winter rains. Disturbed areas shall be seeded within one week of the beginning of the wet season. A sketch map of those areas to be seeded and those areas to remain uncovered shall be submitted to the City inspector for review. See KCSWDM D.2.4.2 and D.2.4.3 for additional requirements.

STRUCTURAL NOTES

- (1) These plans are approved for standard road and drainage improvements only. Plans for structures such as bridges, vaults, and retaining walls require a separate review and approval by the City of Kenmore prior to construction (KMC Title 12 and 15).
- (2) Rockeries are considered to be a method of bank stabilization and erosion control. Rockeries shall not be constructed to serve as retaining walls. All rockeries in City right-of-way shall be constructed in accordance with COKRS. Rockeries outside of City right-of-way shall be constructed in accordance with the International Building Code.

EROSION AND SEDIMENT CONTROL RECOMMENDED CONSTRUCTION SEQUENCE

- (1) Pre-construction meeting.
- (2) Post sign with name and phone number of ESC supervisor (maybe consolidated with the required notice of construction sign).
- (3) Flag or fence clearing limits.
- (4) Install catch basin protection if required.
- (5) Grade and install construction entrance(s).
- (6) Install perimeter protection (silt fence, brush barrier, etc.).
- (7) Construct sediment ponds and traps.
- (8) Grade and stabilize construction roads.
- (9) Construct surface water controls (interceptor dikes, pipe slope drains, etc.) simultaneously with clearing and grading for project development.
- (10) Maintain erosion control measures in accordance with COKRS and manufacturer's recommendations.
- (11) Relocate erosion control measures or install new measures so that as site conditions change, the erosion and sediment control is always in accordance with the City's Erosion and Sediment Control Standards.
- (12) Cover all areas that will be unworked for more than seven days during the dry season or two days during the wet season with straw, wood fiber mulch, compost, plastic sheeting or equivalent.
- (13) Stabilize all areas that reach final grade within seven days.
- (14) Seed or sod any areas to remain unworked for more than 30 days.
- (15) Upon completion of the project, all disturbed areas must be stabilized and BMPs removed if appropriate.



APPENDIX E

STANDARD DETAILS

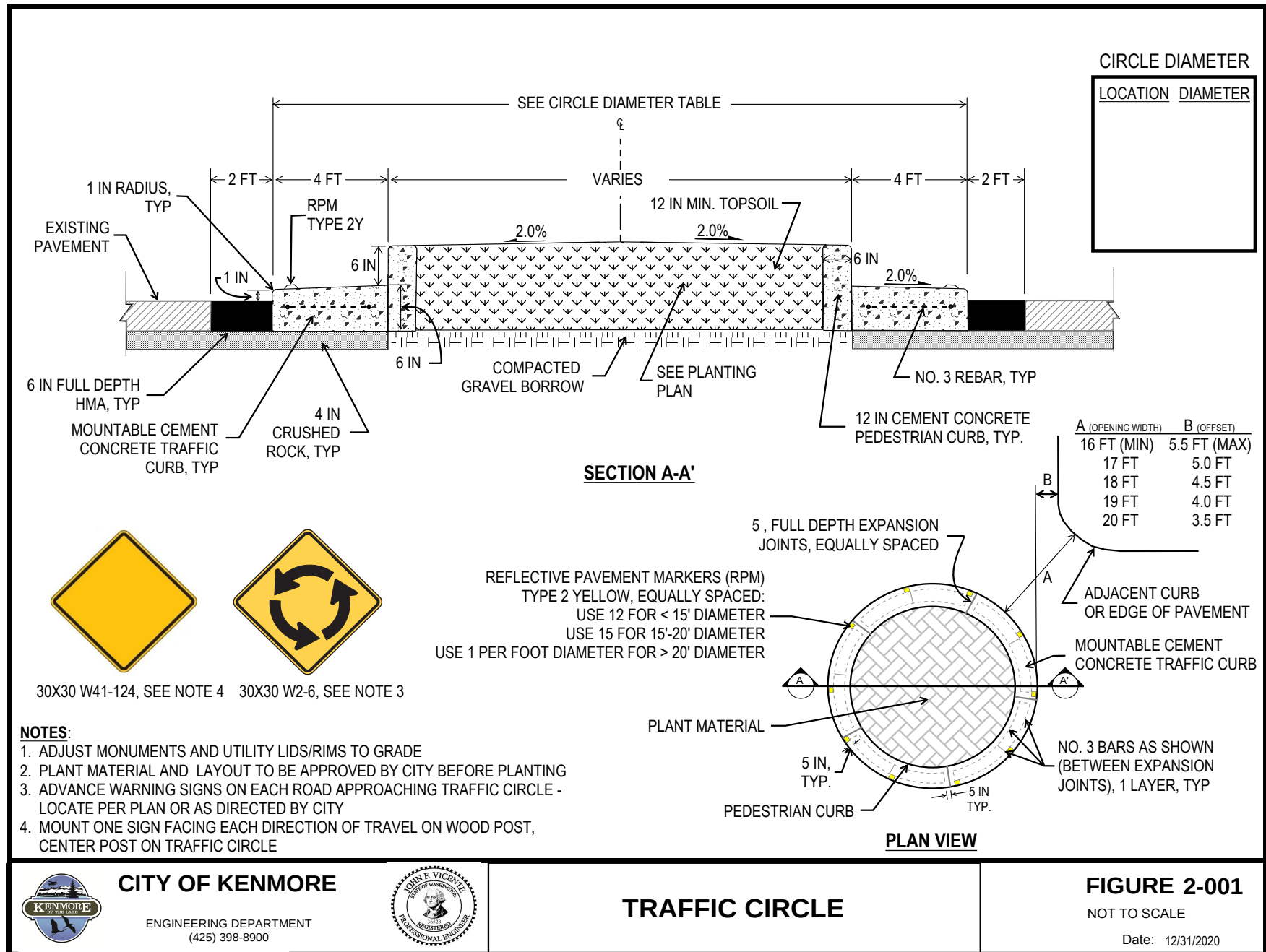
CITY OF KENMORE STANDARD DETAILS 5/20/2021

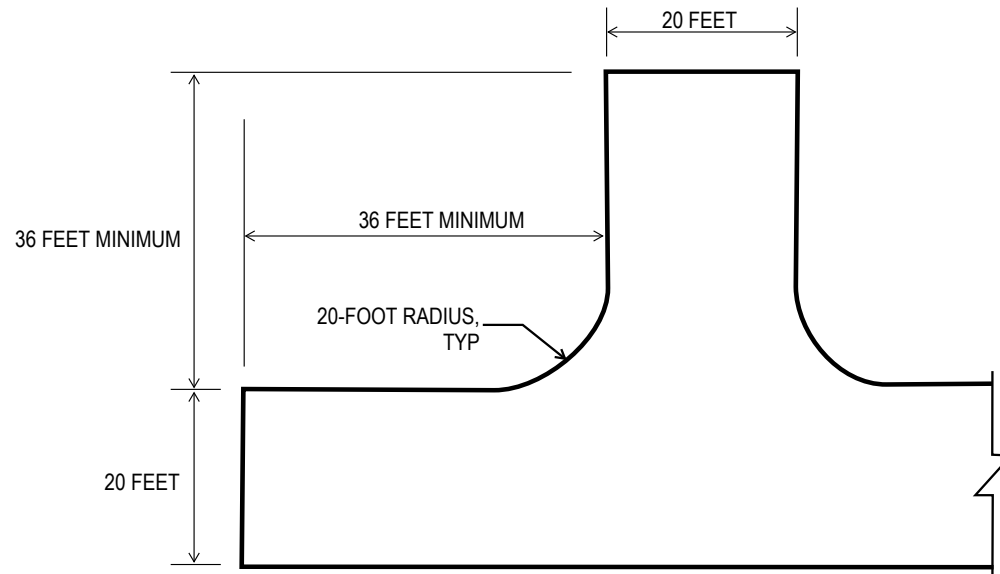
These standard details are meant to provide a standard of construction within the City of Kenmore. These details are not meant to contain all necessary information needed for construction. The engineer of record is responsible for reviewing these standard details for applicability and conformance to the proposed design and for providing all additional information or modifications as required to construct the proposed improvements. Any standard detail not addressing a particular design need, the Engineer of Record shall either use applicable standard details from King County or the Washington State Department of Transportation or create their own project specific details.

TABLE OF CONTENTS:

Standard Plan Series	Description	Standard Number	Standard title
2	Roadway Features	2-001	Traffic Circle
		2-002	Hammerhead Turnaround
		2-003	Cul-de-sac Turnaround
		2-004	Speed Table
		2-005	Speed Hump
3	Structures	3-001	Rock Wall - Cut Section
		3-002	Rock Wall - Fill Section
		3-003	Block Wall - Cut Section
		3-004	Block Wall - Fill Section
4	Channelization/Striping	4-001	Crosswalk and stop bar
		4-002	Pavement Marking Detail
		4-003	Left Turn Lanes
		4-004	Bicycle Lanes
5	Paving	5-001	Roadway Cross Section
		5-002	Trench cut
6	Roadside Features	6-001	Mailbox wood post
		6-002	Traffic sign
		6-003	Wood Post Foundation
		6-004	Mailbox Collection Unit
		6-005	Mailbox Cluster
		6-006	Pedestrian Railing
		6-007	Planting
		6-008	Tree Grate Detail
		6-009	Hank Heron

Standard Plan Series	Description	Standard Number	Standard title
7	Storm Drainage	7-001	Beveled End Pipe Section
		7-002	Trench Cut Storm Drainage
		7-003	Catch Basin Type 1
		7-004	Catch Basin Type 1L
		7-005	Catch Basin Type 2
		7-006	Catch Basin Type 2 Details
		7-007	Vaned Grate
		7-008	Diagonal Slotted Grate
		7-009	Solid Cover
		7-010	Square Frame
		7-011	Debris Cage for Catch Basin
8	Sidewalk/Driveways	8-001	Sidewalks
		8-002	Perpendicular Curb Ramp
		8-003	Parallel Curb Ramp
		8-004	Combination Ramp
		8-005	Transition Ramp to Shoulder
		8-006	Driveway Type 1 (with amenity zone)
		8-007	Driveway Type 2 (without amenity zone)
		8-008	Concrete Finishing
		8-009	Curbs
		8-010	Integral Curb Sidewalk
		8-011	Thickened Edge Sidewalk
		8-012	Pedestrian Curb





NOTES

1. ALL STREET ENDS SHALL BE SIGNED PER THE MOST CURRENT MUTCD
2. HAMMERHEAD ROADWAY WIDTH IS THE PAVEMENT SECTION ONLY AND DOES NOT INCLUDE ANY REQUIRED SIDEWALK OR UTILITY EASEMENT
3. NO PARKING IS ALLOWED WITHIN THE HAMMERHEAD AREA SHOWN



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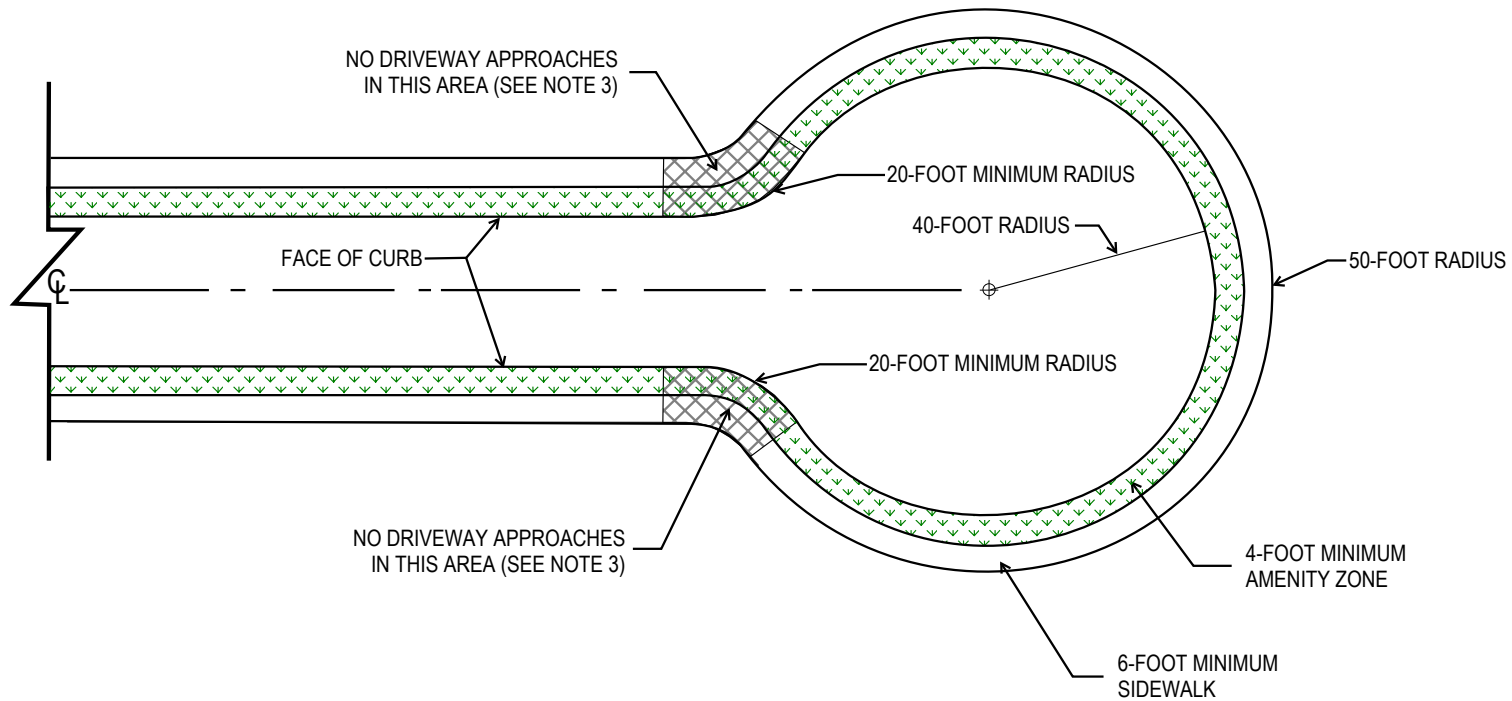


Hammerhead Turnaround

FIGURE 2-002

NOT TO SCALE

Date: 11/13/2020



NOTES

1. ROADWAY APPROACH WIDTH VARIES, SEE KENMORE ROAD STANDARDS TABLE 6.1
2. STREET SIGNAGE WILL BE DETERMINED BY THE CITY ENGINEER.
3. DRIVEWAY APPROACHES MAY NOT BE LOCATED WITHIN 5 FEET OF THE RADIUS.



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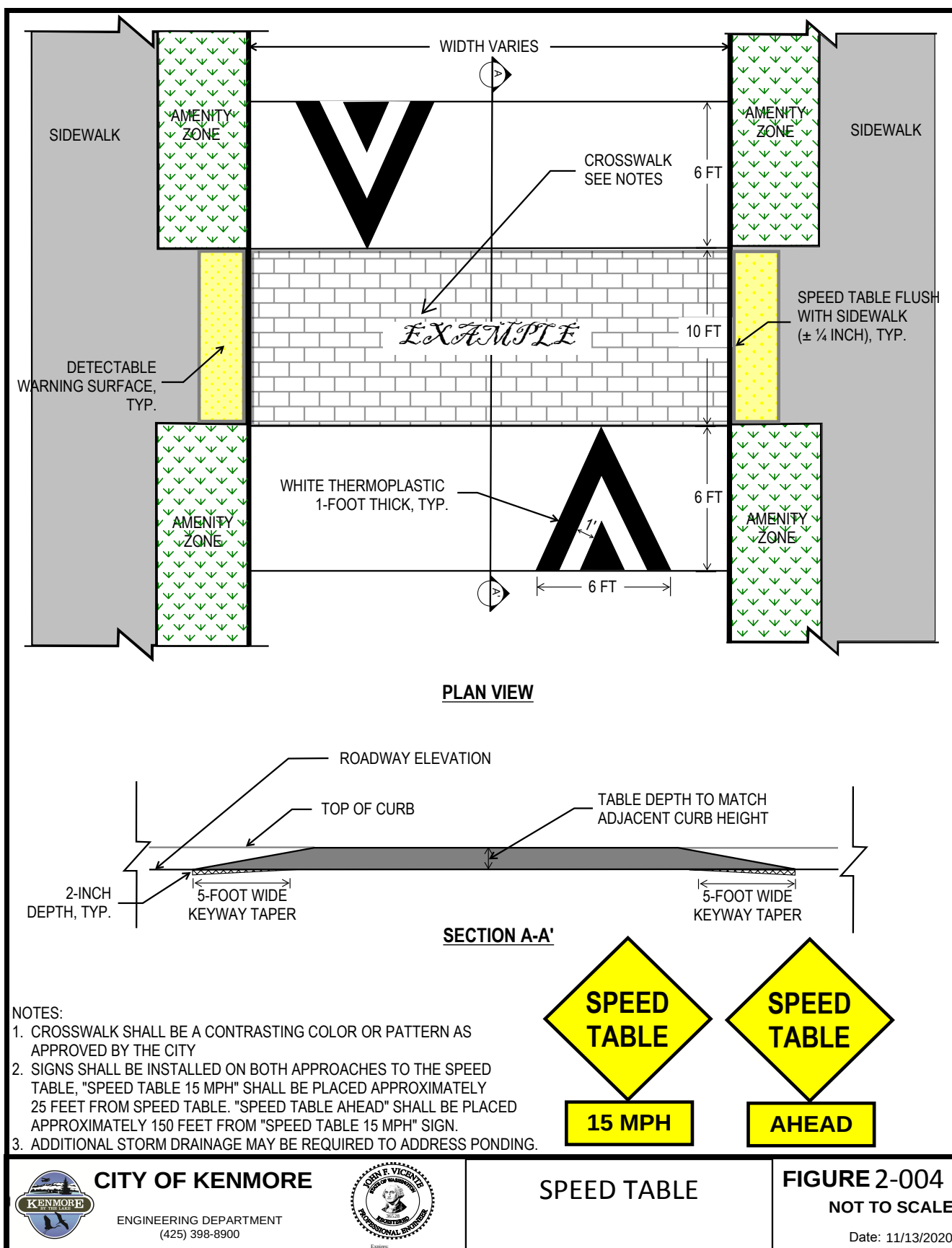


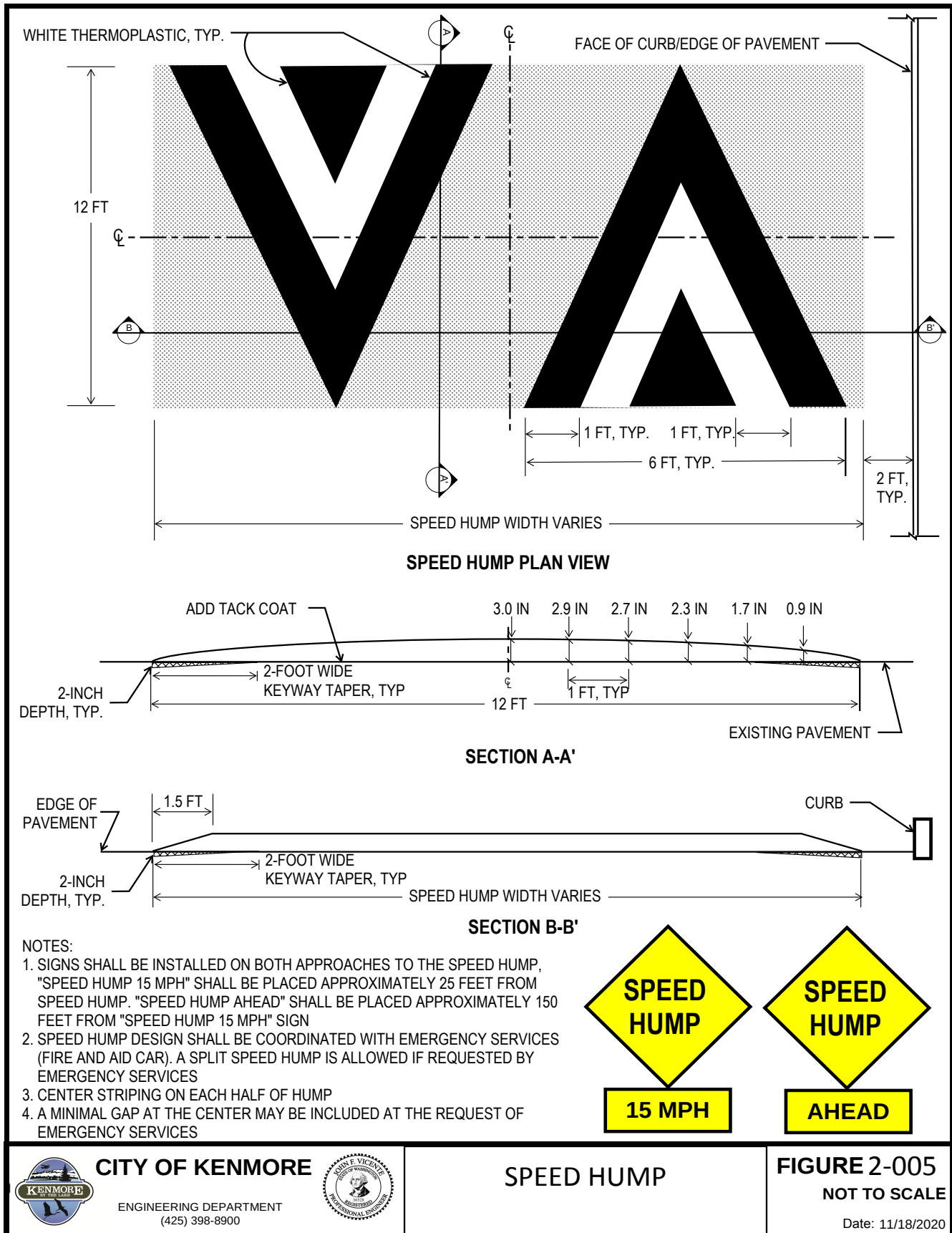
CUL-de-SAC

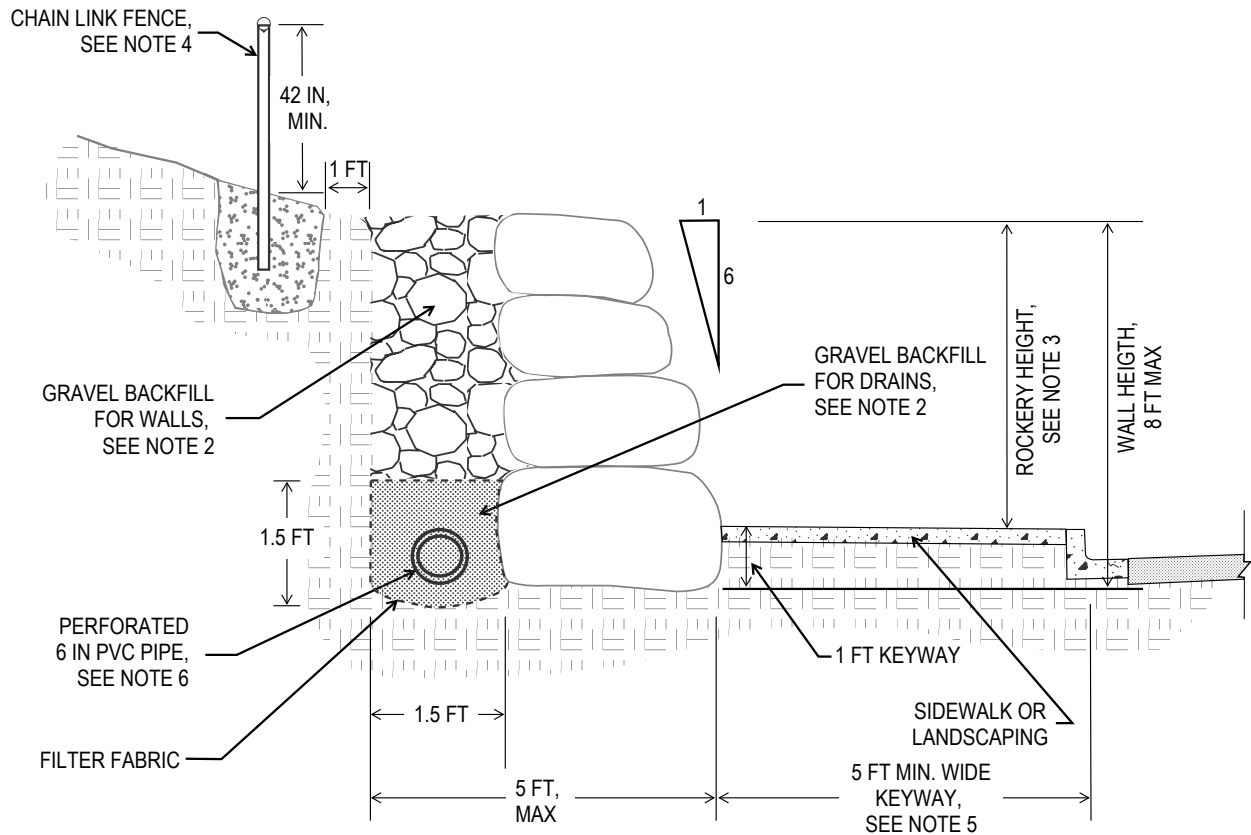
FIGURE 2-003

NOT TO SCALE

Date: 11/13/2020







NOTES:

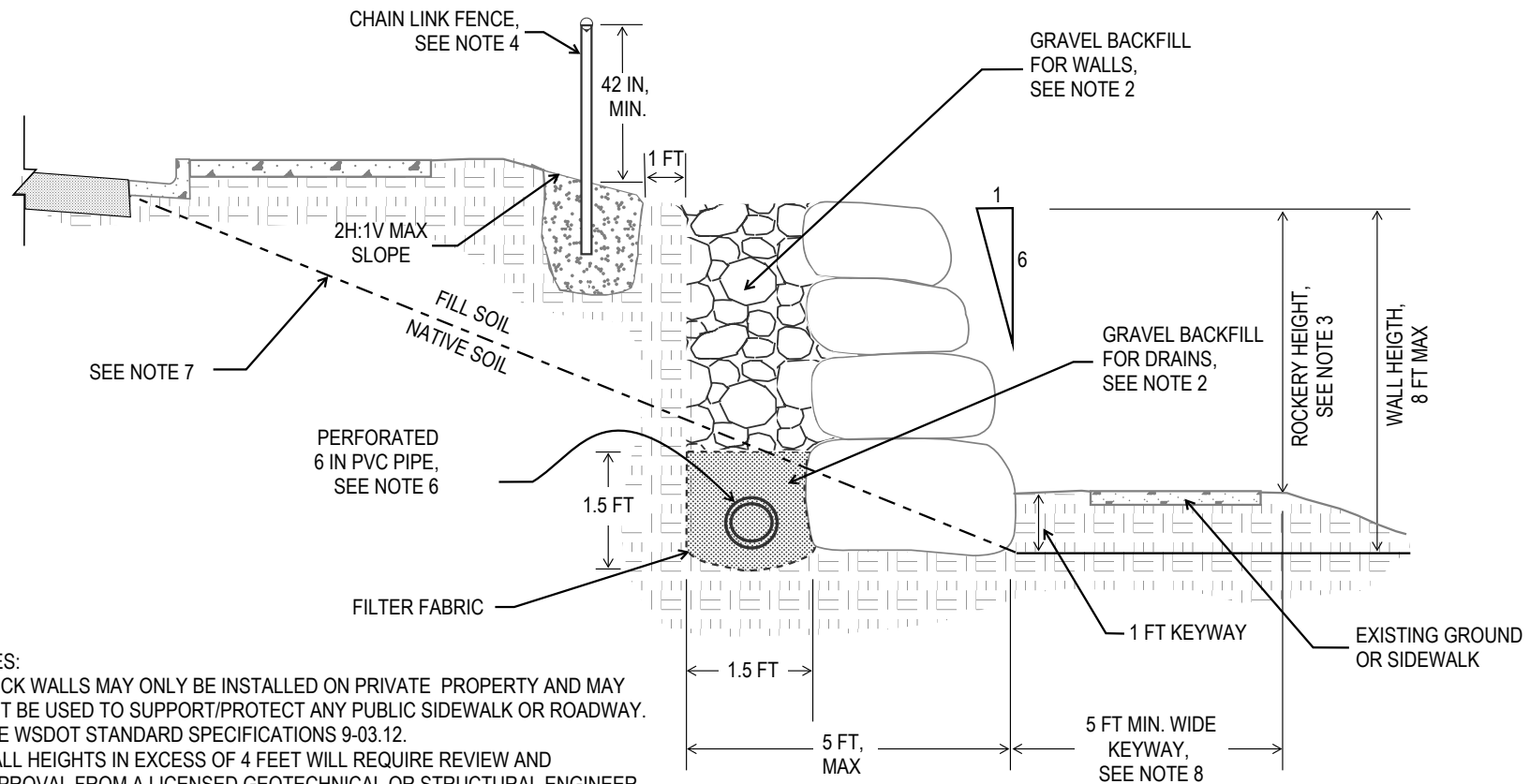
1. ROCK WALLS MAY ONLY BE INSTALLED ON PRIVATE PROPERTY AND MAY NOT BE USED TO SUPPORT/PROTECT ANY PUBLIC SIDEWALK OR ROADWAY.
2. SEE WSDOT STANDARD SPECIFICATIONS 9-03.12.
3. WALL HEIGHTS IN EXCESS OF 4 FEET WILL REQUIRE REVIEW AND APPROVAL FROM A LICENSED GEOTECHNICAL OR STRUCTURAL ENGINEER.
4. A FENCE MAY BE REQUIRED AS DIRECTED BY THE CITY AT BACK OF WALL FOR ROCKERY HEIGHT IN EXCESS OF 30 INCHES.
5. ROCK WALL SHALL BE PLACED A MINIMUM OF 10 FEET FROM TRAVEL LANE IF ROLLED CURB IS USED.
6. DRAIN PIPE MAY BE ELIMINATED IF RECOMMENDED BY THE DESIGN ENGINEER AND APPROVED BY THE CITY.



CITY OF KENMORE

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CUT SECTIONFIGURE 3-001
NOT TO SCALE

Date: 11/19/2020



NOTES:

1. ROCK WALLS MAY ONLY BE INSTALLED ON PRIVATE PROPERTY AND MAY NOT BE USED TO SUPPORT/PROTECT ANY PUBLIC SIDEWALK OR ROADWAY.
2. SEE WSDOT STANDARD SPECIFICATIONS 9-03.12.
3. WALL HEIGHTS IN EXCESS OF 4 FEET WILL REQUIRE REVIEW AND APPROVAL FROM A LICENSED GEOTECHNICAL OR STRUCTURAL ENGINEER.
4. A FENCE MAY BE REQUIRED AS DIRECTED BY THE CITY AT BACK OF WALL FOR ROCKERY HEIGHT IN EXCESS OF 30 INCHES.
5. TRAVEL LANES SHALL BE LOCATED AS REQUIRED FOR CLEAR ZONE DISTANCE. TRAFFIC BARRIER MAY BE REQUIRED.
6. DRAIN PIPE MAY BE ELIMINATED IF RECOMMENDED BY THE DESIGN ENGINEER AND APPROVED BY THE CITY.
7. SLOPE TO BE DETERMINED BY GEOTECHNICAL ENGINEER, SLOPE NOT TO EXCEED 1H:1V. SOIL REINFORCEMENT MAY BE REQUIRED AS DETERMINED BY A GEOTECHNICAL ENGINEER.
8. ROCK WALL SHALL BE PLACED A MINIMUM OF 10 FEET FROM TRAVEL LANE IF ROLLED CURB IS USED.



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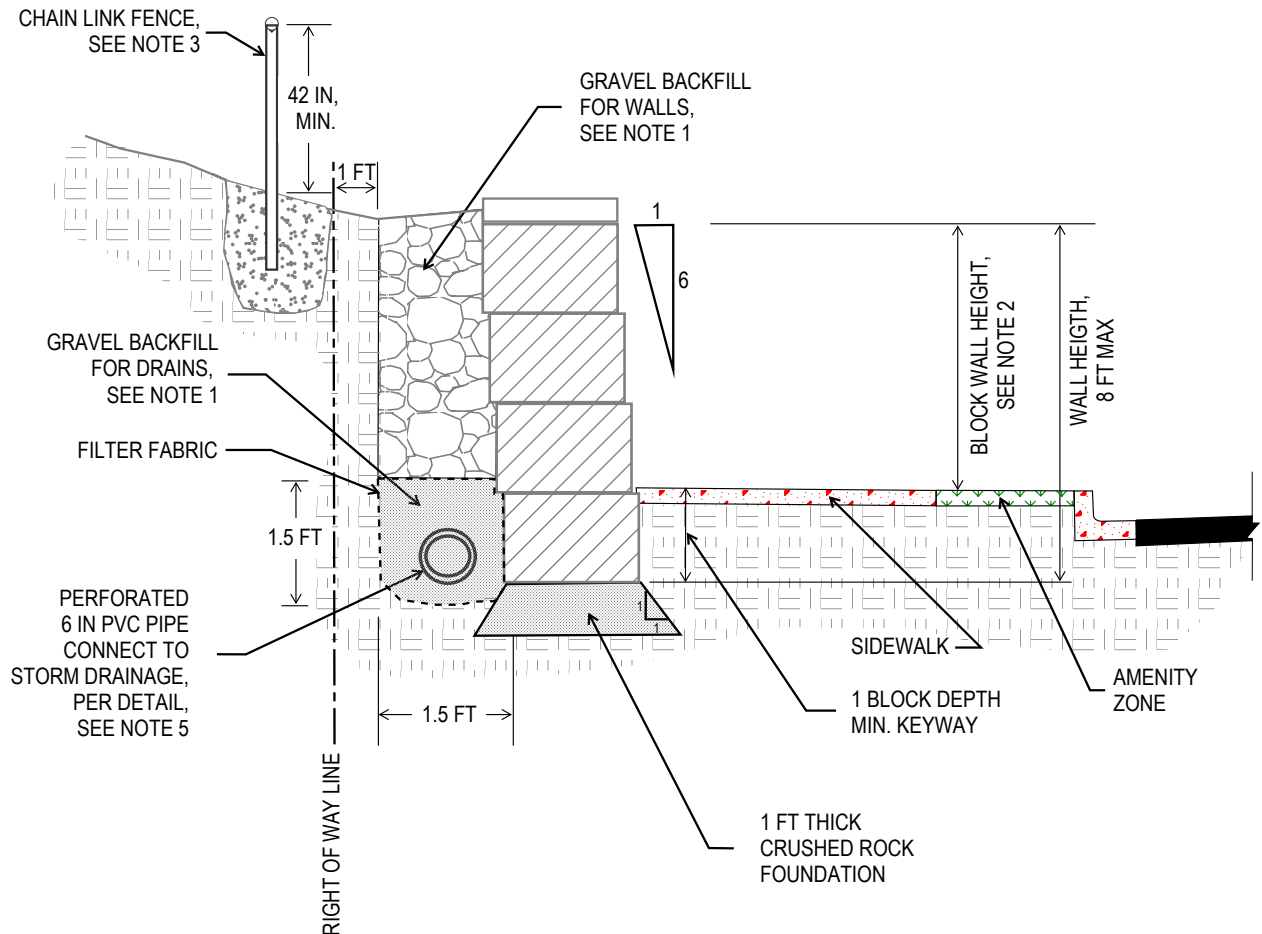


**Rock Wall
Fill Section**

FIGURE 3-002

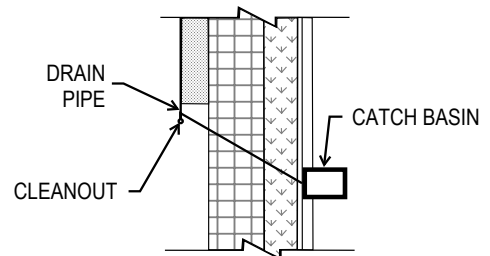
NOT TO SCALE

Date: 11/18/2020



NOTES:

1. SEE WSDOT STANDARD SPECIFICATIONS 9-03.12.
2. WALL HEIGHTS IN EXCESS OF 4 FEET WILL BE REQUIRED TO BE DESIGNED BY A LICENSED PROFESSIONAL ENGINEER AND APPROVED BY THE CITY.
3. A FENCE MAY BE REQUIRED AS DIRECTED BY THE CITY AT BACK OF WALL FOR BLOCK WALL HEIGHT IN EXCESS OF 30 INCHES.
4. BLOCK WALL SHALL HAVE A TOP CAP ADHERED TO THE TOP BLOCK PER MANUFACTURER'S RECOMMENDATION
5. STORM DRAINAGE CONNECTION MAY BE ELIMINATED AT THE DISCRETION OF THE CITY ENGINEER FOR WALL HEIGHT LESS THAN 4 FEET AND WHERE SUBGRADE SOIL INFILTRATION RATES ARE GREATER THAN 1 INCH PER HOUR.



DRAIN CONNECTION DETAIL



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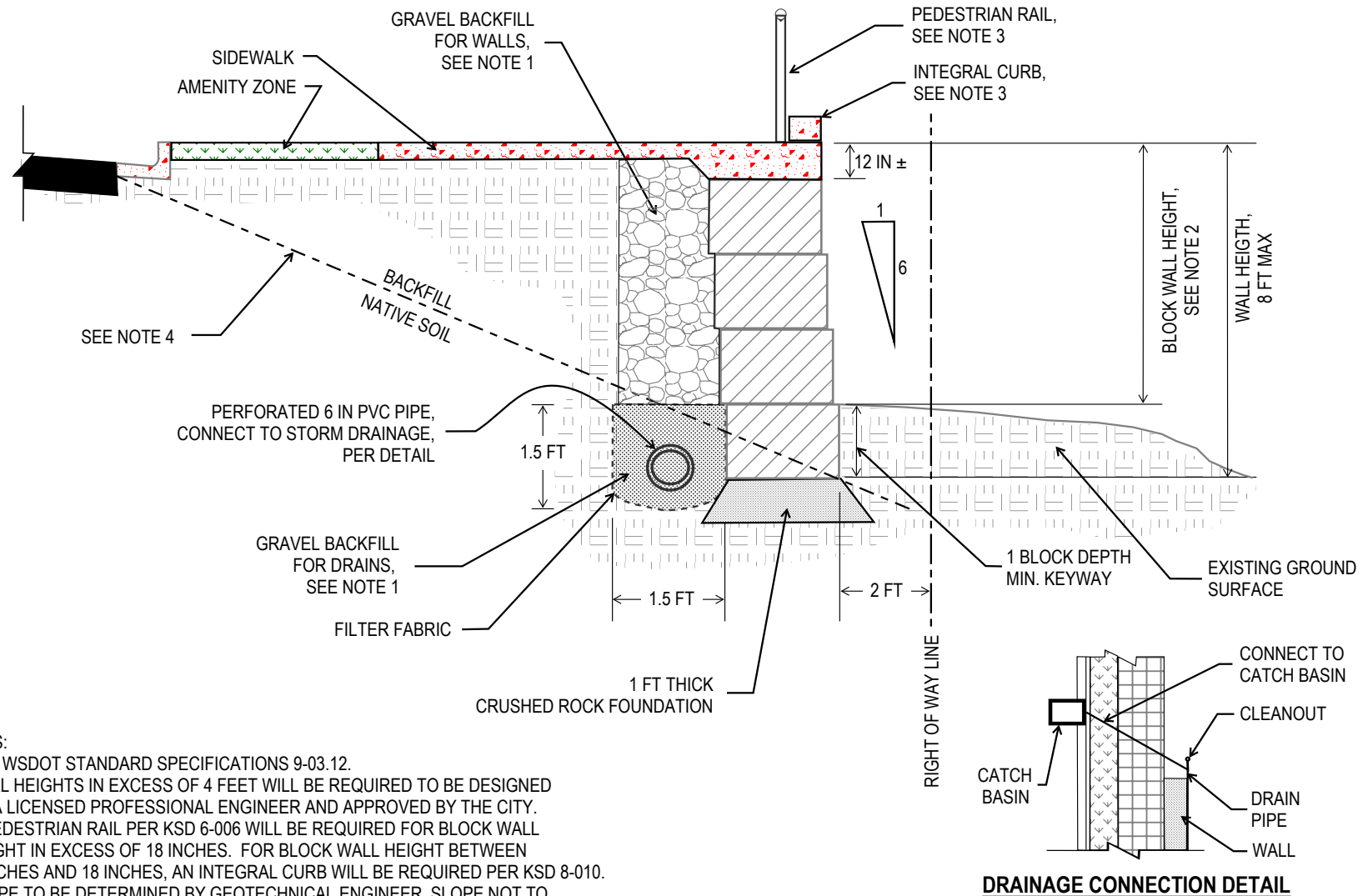
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**BLOCK WALL -
CUT SECTION**

**FIGURE 3-003
NOT TO SCALE**

Date: 11/19/2020



NOTES:

1. SEE WSDOT STANDARD SPECIFICATIONS 9-03.12.
2. WALL HEIGHTS IN EXCESS OF 4 FEET WILL BE REQUIRED TO BE DESIGNED BY A LICENSED PROFESSIONAL ENGINEER AND APPROVED BY THE CITY.
3. A PEDESTRIAN RAIL PER KSD 6-006 WILL BE REQUIRED FOR BLOCK WALL HEIGHT IN EXCESS OF 18 INCHES. FOR BLOCK WALL HEIGHT BETWEEN 6 INCHES AND 18 INCHES, AN INTEGRAL CURB WILL BE REQUIRED PER KSD 8-010.
4. SLOPE TO BE DETERMINED BY GEOTECHNICAL ENGINEER, SLOPE NOT TO EXCEED 1H:1V. SOIL REINFORCEMENT MAY BE REQUIRED AS DETERMINED BY THE DESIGN ENGINEER.



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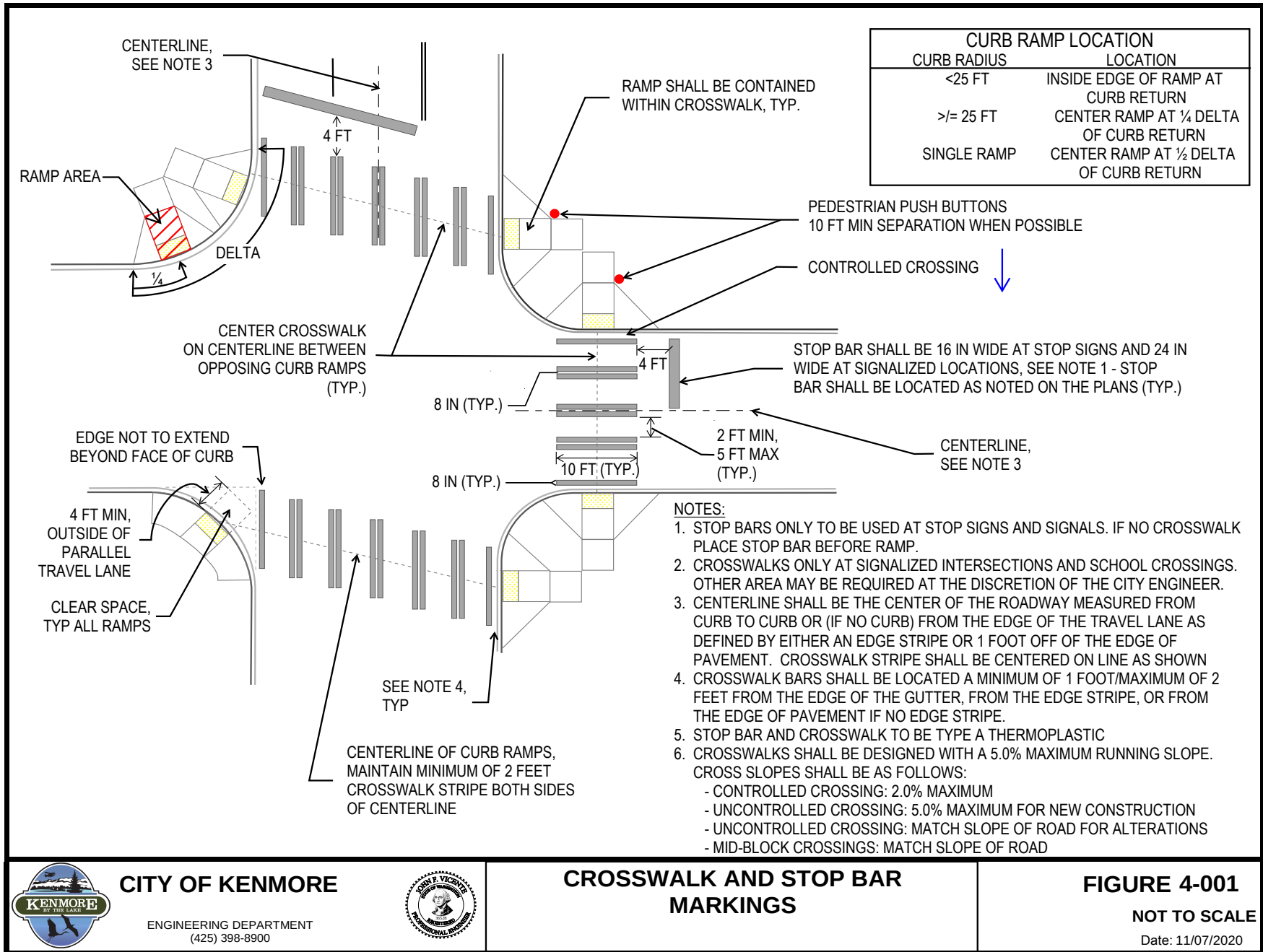


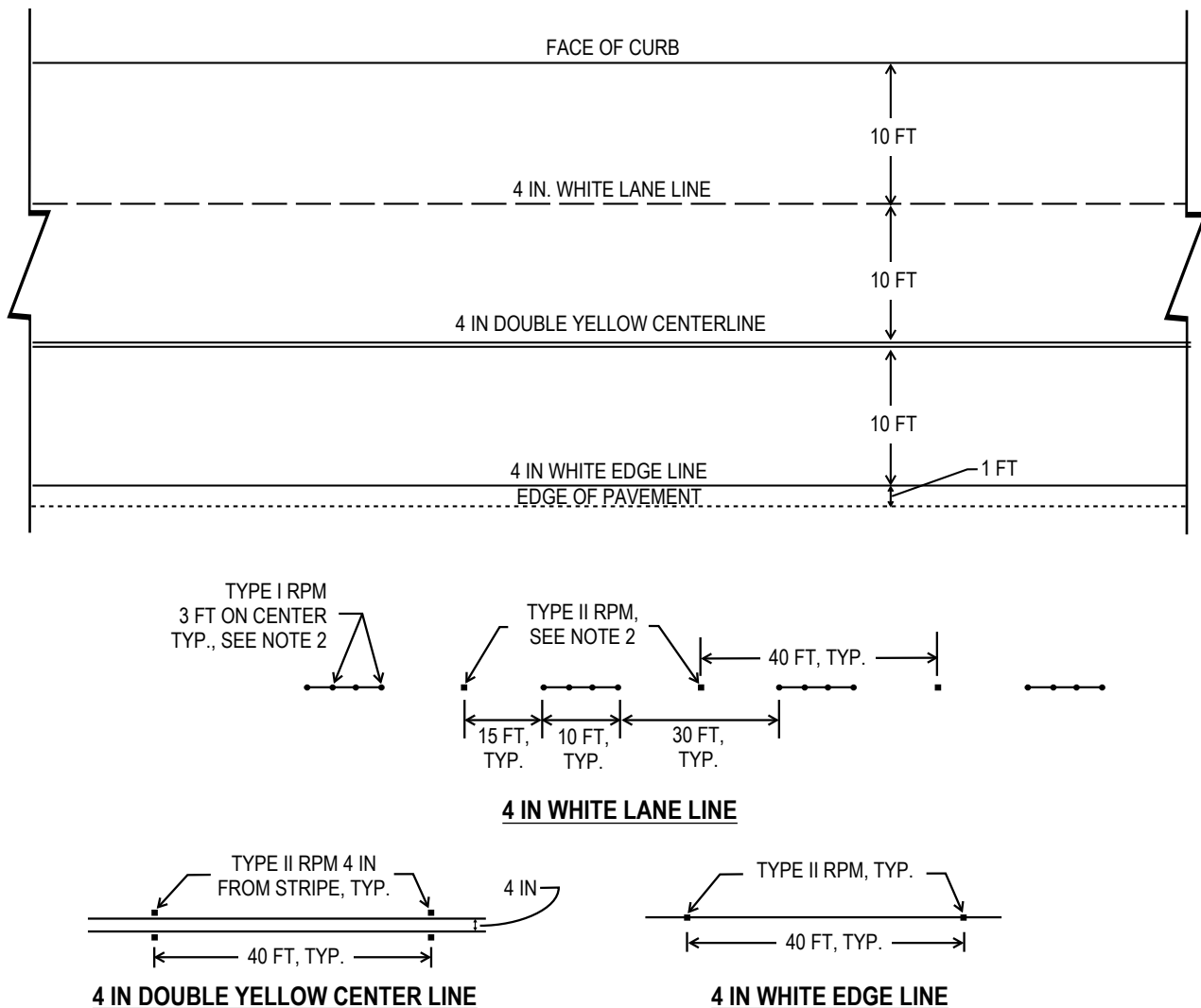
**Rock Wall
Fill Section**

FIGURE 3-002

NOT TO SCALE

Date: 11/18/2020





NOTES:

1. CENTER LINE MARKINGS SHALL BE PLACED ON ALL PAVED ARTERIALS AND COLLECTORS THAT HAVE A TRAVELED WAY OF 20 FEET OR MORE IN WIDTH AND AN ADT OF 4,000 VEHICLES PER DAY OR GREATER. CENTER LINE MARKINGS SHALL ALSO BE PLACED ON ALL PAVED TWO-WAY STREETS OR HIGHWAYS THAT HAVE THREE OR MORE LANES FOR MOVING MOTOR VEHICLE TRAFFIC. CENTERLINE MARKINGS SHALL ALSO BE PLACED WHERE IT IS RECOMMENDED BY AN ENGINEERING STUDY.
2. RAISED PAVEMENT MARKERS (RPM) COLOR SHALL MATCH COLOR OF COORESPONDING PAVEMENT MARKINGS. RPM SHALL INSTALLED PRIOR TO ANY PAINT LINE, EXISTING CHANNELIZATION SHALL BE REMOVED PRIOR TO INSTALLING THE RPM.
3. WHITE EDGE LINES SHALL BE INSTALLED ON ALL ROADS WHERE NO CURB AND GUTTER EXISTS.
4. WHITE EDGE LINE IS INTERCHANGEABLE WITH BIKE LANE/BIKE LANE BUFFER LINE
5. SEE KSD 4-003 (LEFT TURN LANES), 4-004 (BIKE LANES) STRIPING REQUIREMENTS
6. A 4 IN WHITE EDGE LINE MAY BE REQUIRED ADJACENT TO CURB AS DIRECTED BY THE CITY.



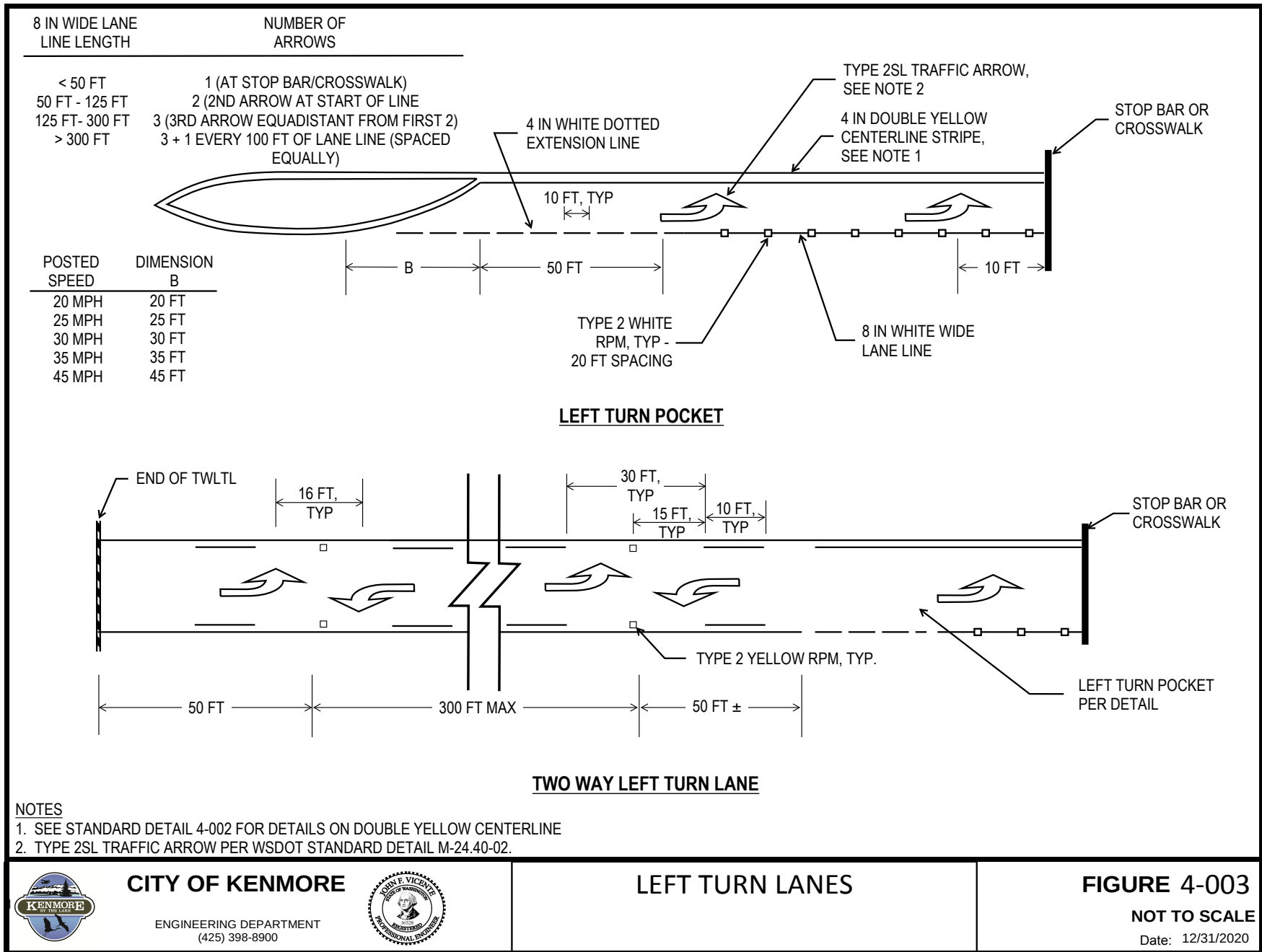
CITY OF KENMORE

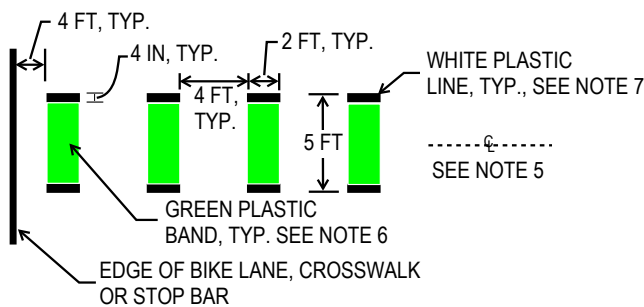
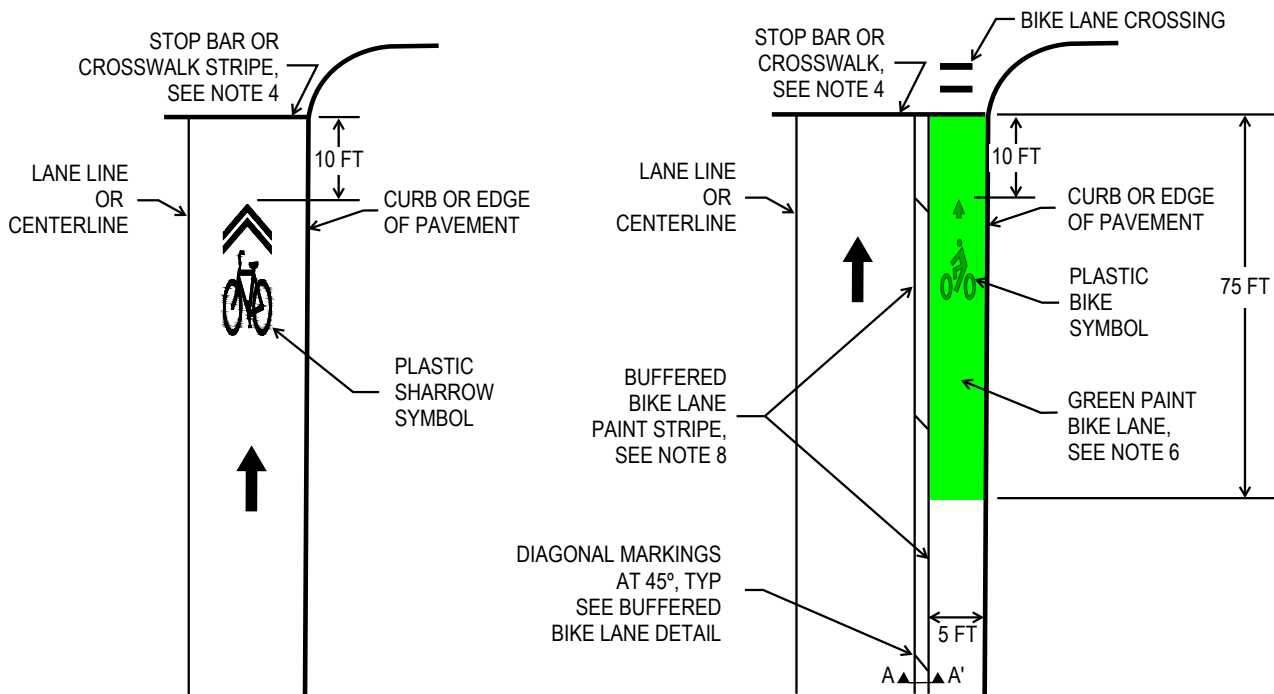
ENGINEERING DEPARTMENT
(425) 398-8900Roadway
Channelization

FIGURE 4-002

NOT TO SCALE

Date: 12/03/2020

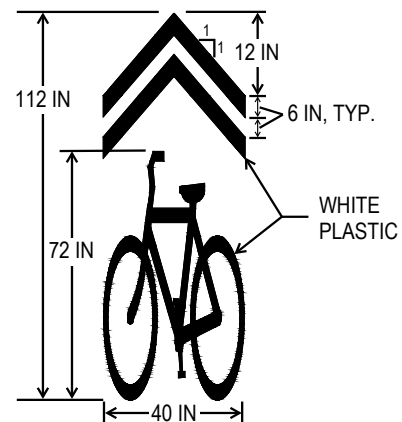




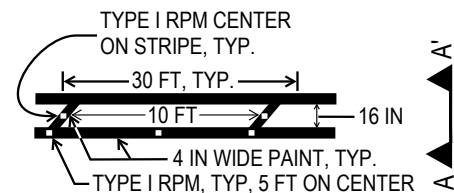
BIKE LANE CROSSING

NOTES:

1. BIKE LANE SYMBOL PER WSDOT STANDARD DETAIL M-9.50-02
2. SPACE BIKE LANE AND SHARROW SYMBOLS EVERY 300± FEET, CENTER ON LANE
3. SEE KSD 4-002 FOR LANE LINE REQUIREMENTS
4. FOR LOCATIONS WITH NO STOP BAR OR CROSSWALK, MEASURE FROM START OF CURB RADIUS OR PAVEMENT RADIUS. WHERE CROSSWALK EXISTS, PLACE BIKE LANE CROSSING BETWEEN CROSSWALK MARKINGS ONLY.
5. ALIGN CENTER OF BIKE LANE CROSSING WITH BIKE LANE
6. GREEN COLOR SHALL MEET THE REQUIREMENTS OF THE WSDOT STANDARD SPECIFICATIONS AND MUTCD. PAINT SHALL BE APPLIED IN 3 EVEN COATS. SEE THE ROAD STANDARDS FOR ADDITIONAL REQUIREMENTS.
7. ADD AN ADDITIONAL SKIP STRIPE WHEN ADJACENT TO A MARKED CROSSWALK.
8. PROVIDE 2-FOOT LONG SKIP STRIPE IN FRONT OF DRIVEWAYS. 4-FOOT SPACING BETWEEN STRIPES.



SHARROW SYMBOL



BUFFERED BIKE LANE STRIPE



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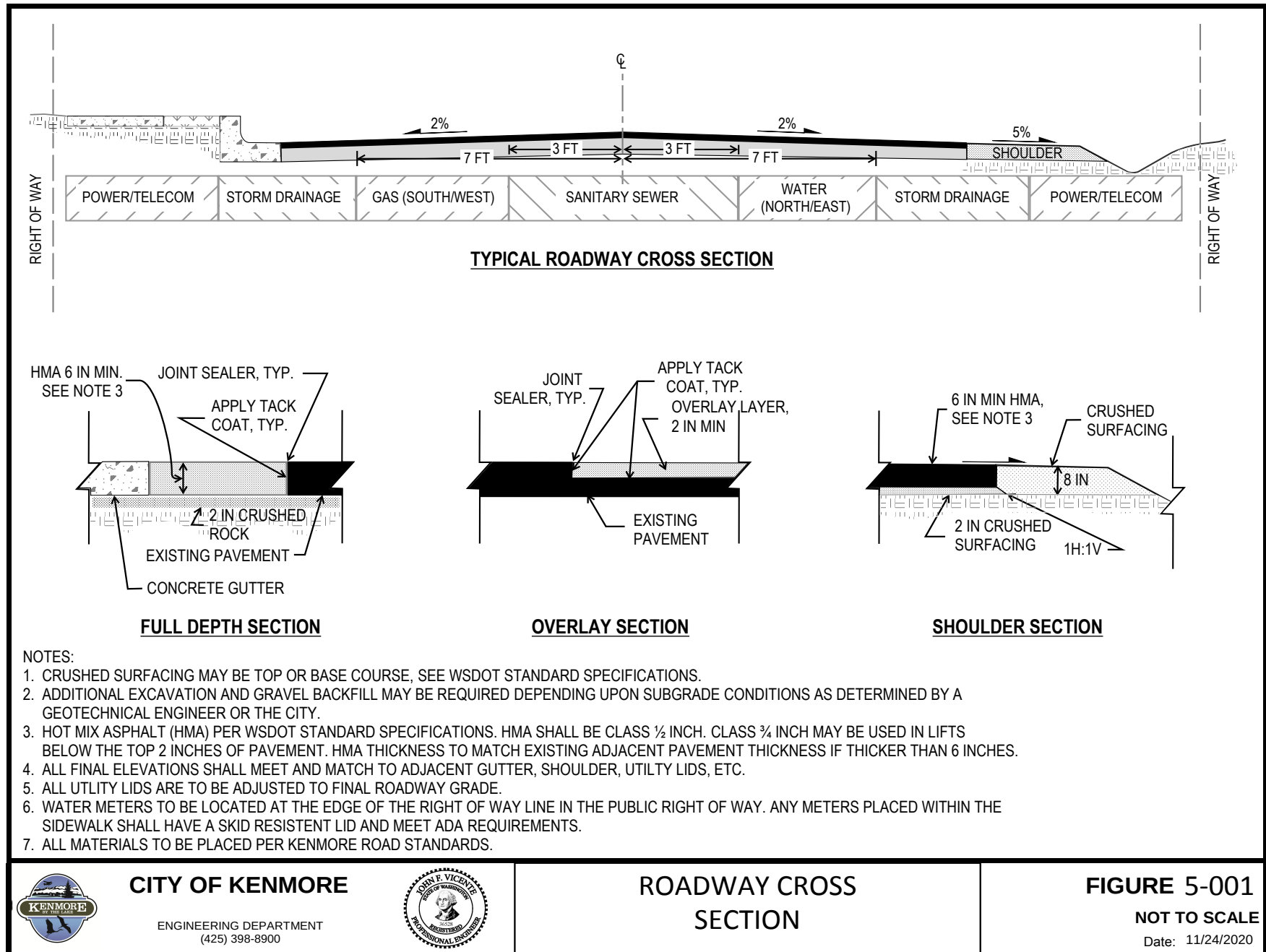


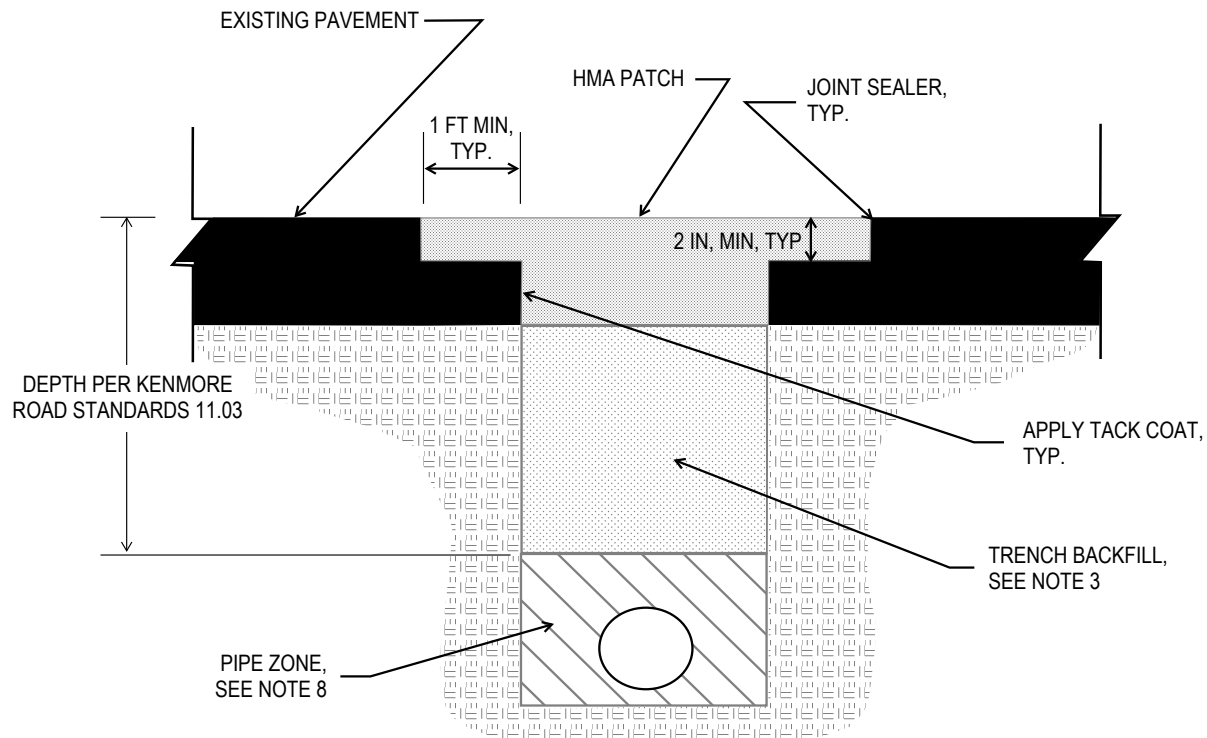
BIKE LANES

FIGURE 4-004

NOT TO SCALE

Date: 12/03/2020





NOTES:

1. HOT MIX ASPHALT PER WSDOT STANDARD SPECIFICATIONS
2. SAWCUT LINES SHALL BE NEAT AND CLEAN PRIOR TO PAVING. OVER CUTTING MAY BE REQUIRED TO PROVIDE A NEAT SAWCUT LINE AFTER TRENCH WORK IS COMPLETED.
3. ALL BACKFILL SHALL BE PER THE KENMORE ROAD STANDARDS 11.04C.
4. ADDITIONAL WIDTH MAYBE REQUIRED FOR TRENCH EXCAVATIONS GREATER THAN 10 FEET OR WHERE PAVEMENT CONDITION INDEX IS LESS THAN 60 AS DETERMINED BY THE CITY.
5. ALL MATERIALS TO BE PLACED PER THE KENMORE ROAD STANDARDS
6. ADDITIONAL PAVEMENT RESTORATION WILL BE REQUIRED FOR PAVEMENT LESS THAN 5 YEARS OLD.
7. SEE KENMORE ROAD STANDARDS FOR PIPE COVER REQUIREMENTS
8. PIPE ZONE MATERIAL SHALL BE PER KENMORE ROAD STANDARDS 11.04C AND DIMENSIONS SHALL BE PER THE RESPECTIVE UTILITY. FOR STORM DRAINAGE, SEE KSD 7-002.



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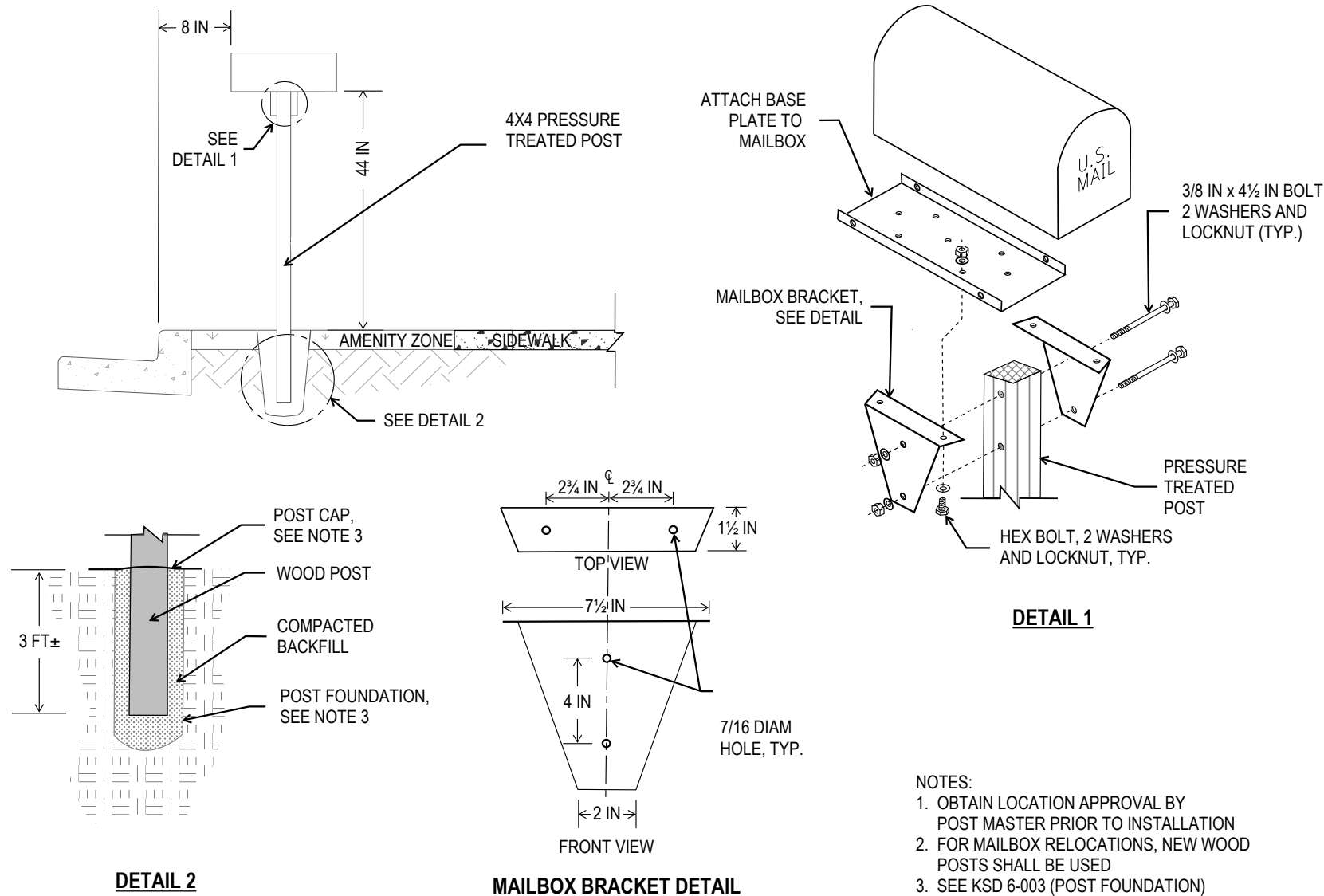


TRENCH CUT

FIGURE 5-002

NOT TO SCALE

Date: 11/24/2020



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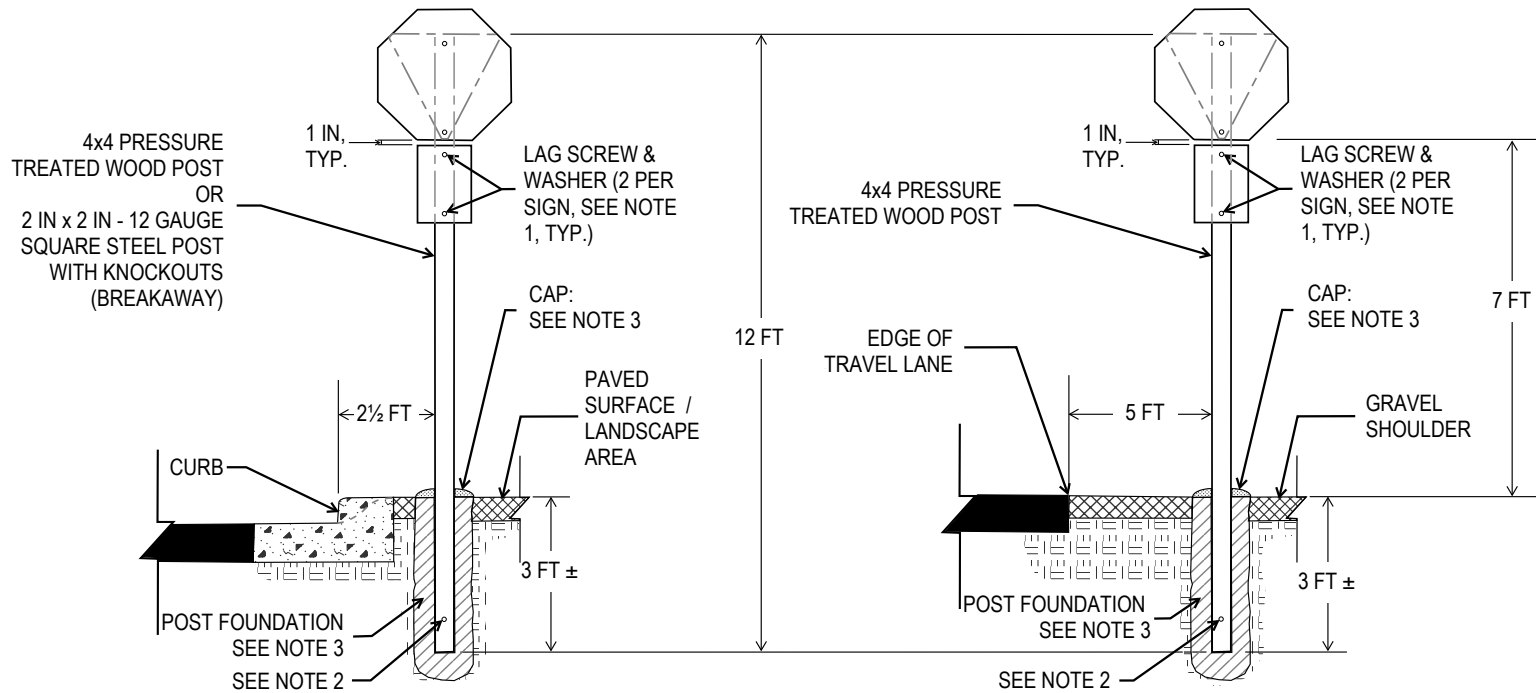


MAILBOX WOOD POST

FIGURE 6-001

NOT TO SCALE

Date: 12/21/2020

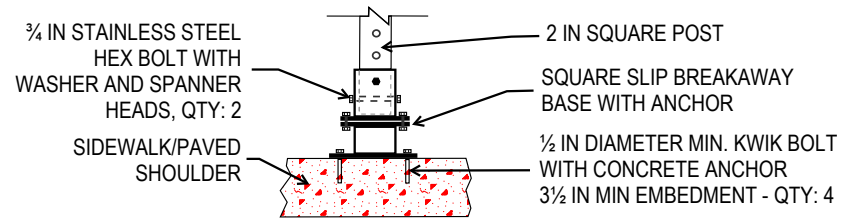


SIGN PLACEMENT ADJACENT TO CURB

SIGN PLACEMENT IN SHOULDER

NOTES:

1. 5/16" X 3/4" GALVANIZED OR PLATED LAG SCREW & 3/8" ID X1" OD NYLON WASHER
2. INSTALL 1/2 IN DIAMETER GALVANIZED COMMON SPIKE FOR WOOD POSTS ONLY. PLACE ON THE FACE SIDE OF THE POST FOR SIGNS PLACED WITHIN LANDSCAPE OR GRAVEL AREAS. SPIKE SHALL BE 8 IN ABOVE BOTTOM OF POST AND PROTRUDE 2 IN FROM POST
3. SEE KSD 6-003 (POST FOUNDATION)
4. STEEL POST SHALL BE USED FOR SURFACE MOUNT POSTS AND FOR POSTS INSTALLED IN ADJACENT PAVED SURFACES. STEEL POSTS SHALL COME WITH KNOCKOUTS AND NOT BE "PRE-PUNCHED".
5. TOP SIGN SHALL BE MOUNTED FLUSH WITH THE TOP OF THE POST



SURFACE MOUNT DETAIL



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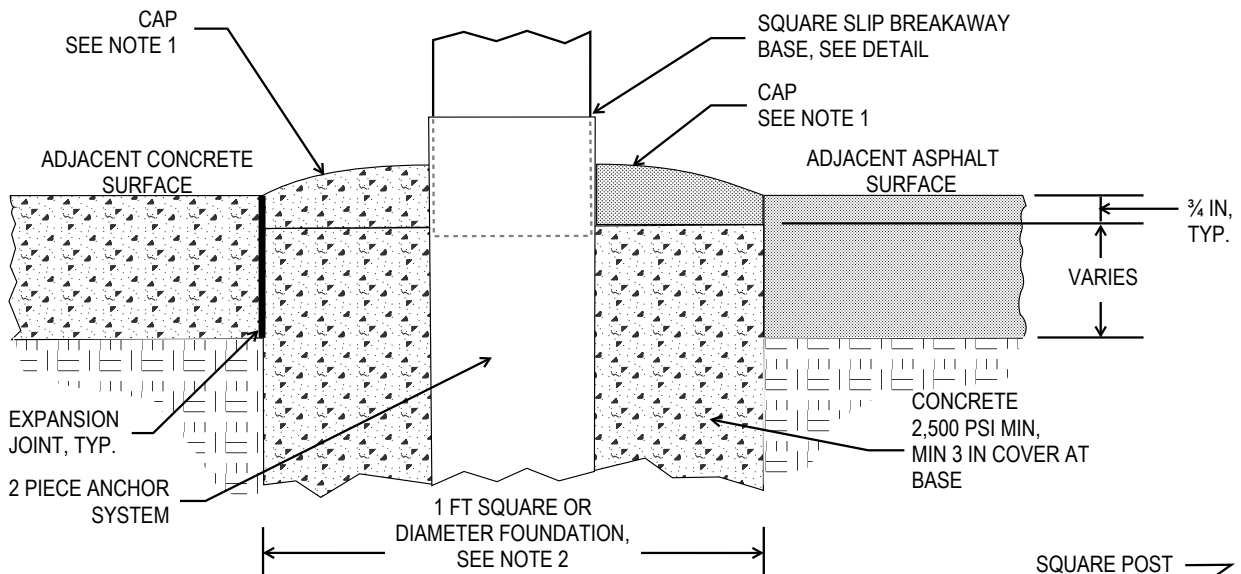
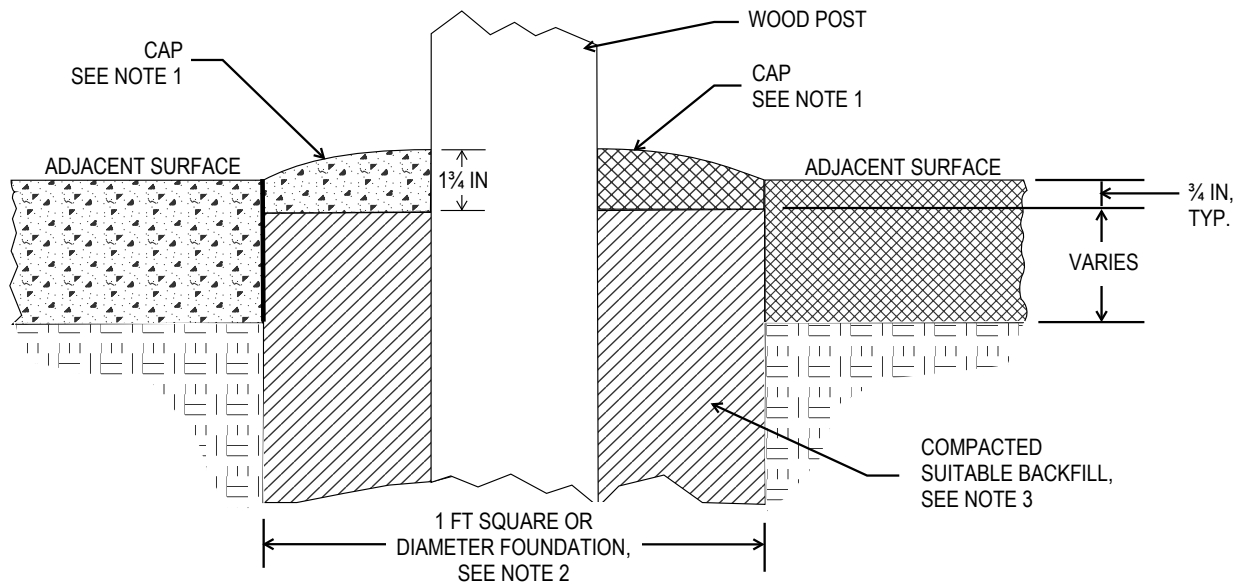


TRAFFIC SIGNS

FIGURE 6-002

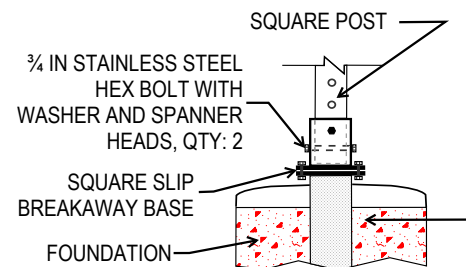
NOT TO SCALE

Date: 12/31/2020



NOTES:

1. CAP SHALL BE MADE OF THE SAME MATERIAL AS THE SURROUNDING SURFACE AND SHALL BE MOUNDED TO DRAIN AWAY FROM POST.
2. BLOCKOUTS SHALL BE PROVIDED FOR POST LOCATIONS WHERE NEW CONCRETE PAVEMENT SURROUNDS POST
3. BACKFILL MATERIAL SHALL BE SELECT BORROW OR GRAVEL BORROW PER WSDOT STANDARD SPECIFICATIONS 9-03.14



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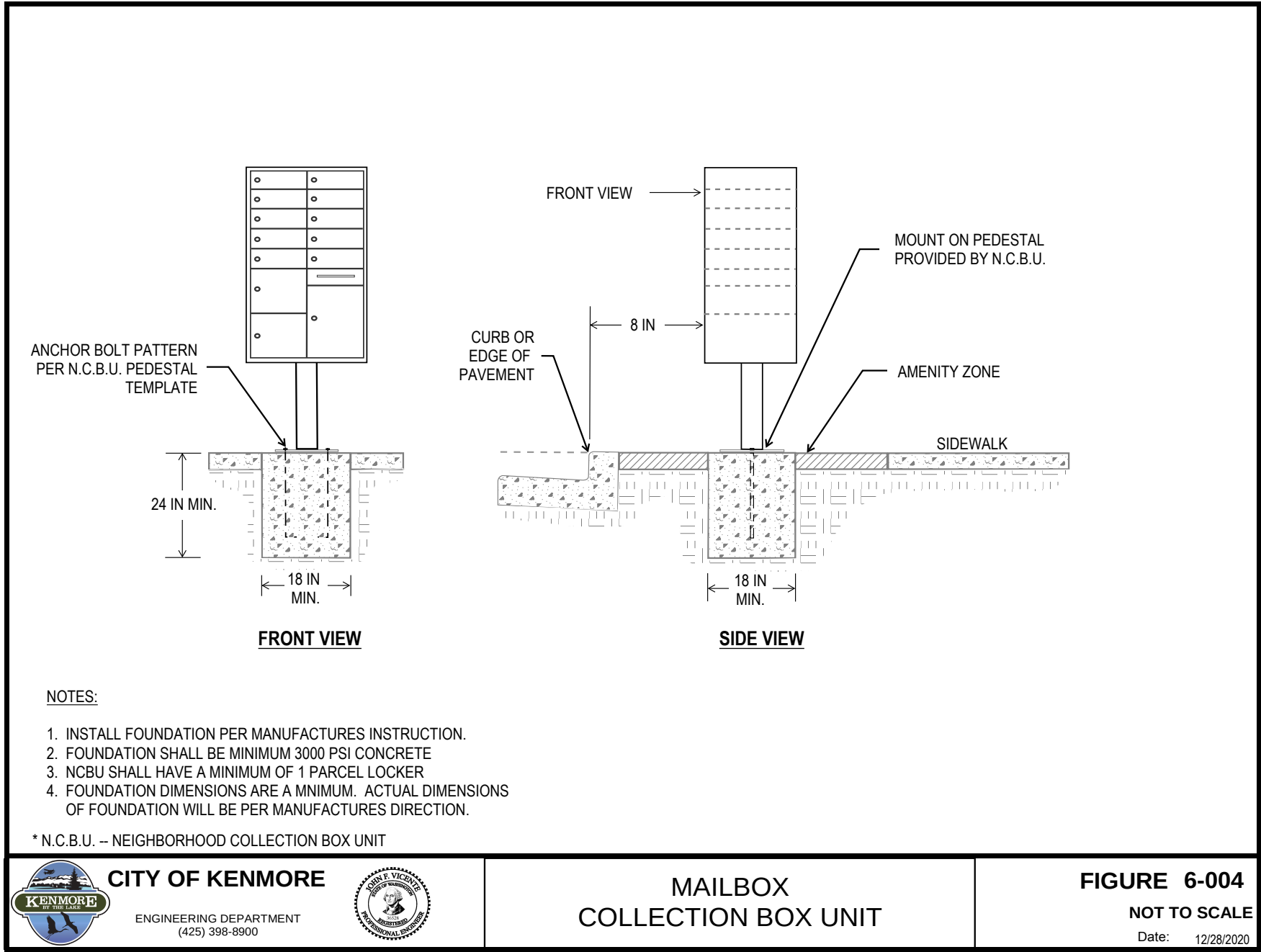


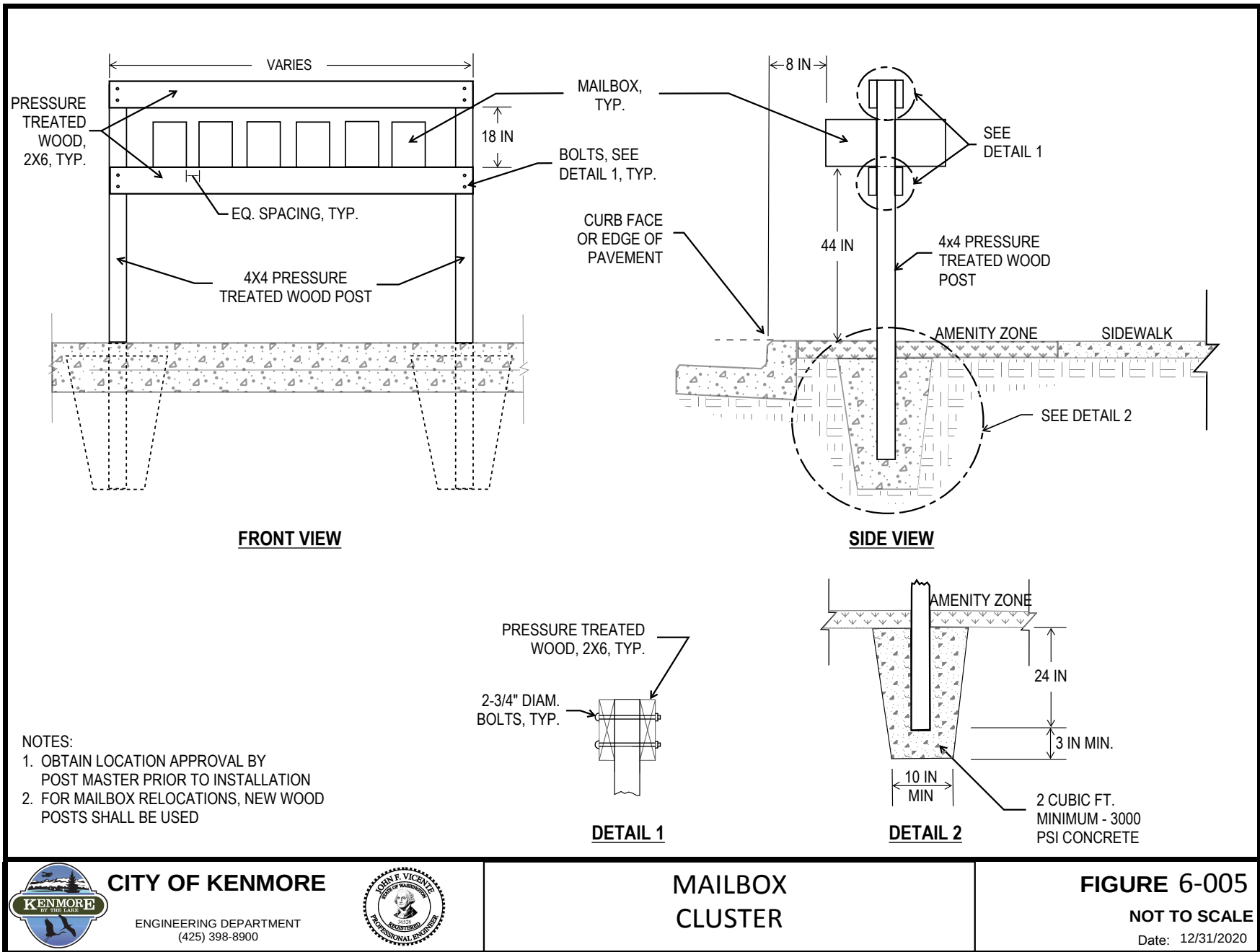
POST FOUNDATION

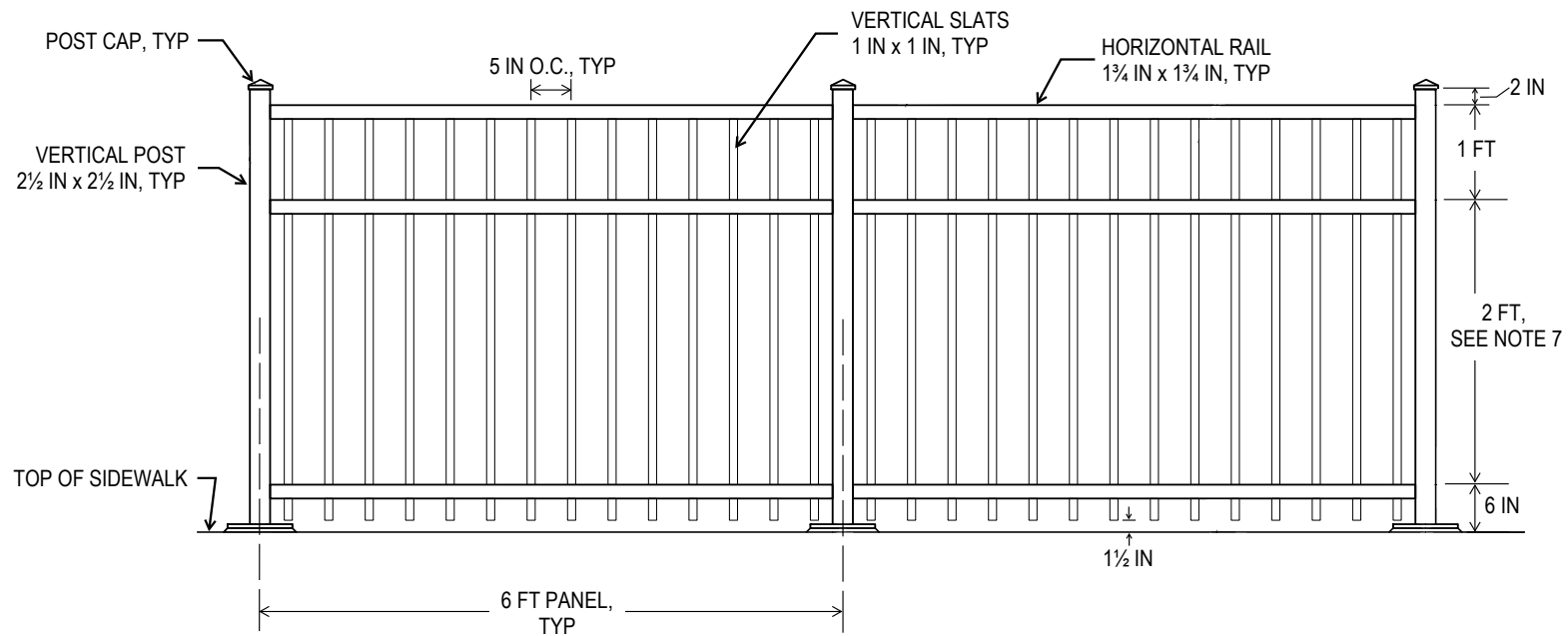
FIGURE 6-003

NOT TO SCALE

Date: 12/31/2020

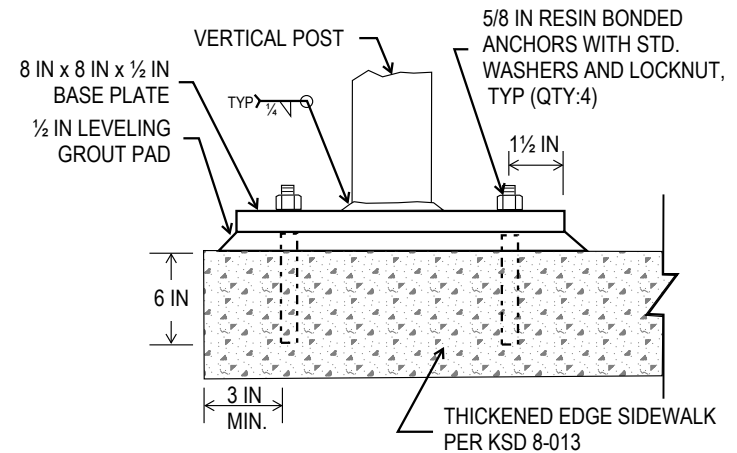






NOTES:

1. FENCE MATERIAL SHALL BE 14 GAUGE HOT DIPPED GALVANIZED STEEL IN ACCORDANCE WITH ASTM A653-A653M WITH A MINIMUM YIELD STRENGTH OF 45,000 PSI.
2. ALL ALUMINIUM PARTS PARTS SHALL BE GIVEN A CLEAR ANODIC COATING AT LEAST 0.0006 INCH THICK AND BE HOT WATER SEALED AND SHALL HAVE A UNIFORM FINISH.
3. CUTTING SHALL BE DONE BY SAWING OR MILLING AND ALL CUTS SHALL BE TRUE AND SMOOTH. FLAME CUTTING WILL NOT BE PERMITTED.
4. WELDING OF ALUMINUM SHALL BE IN ACCORDANCE WITH THE LATEST AASHTO STANDARDS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS.
5. ALLOW FOR EXPANSION AT APPROXIMATELY EVERY FOURTH POST.
6. 3 FEET FOR RAILING PLACED ADJACENT TO BIKE LANES WITH NO CURB SEPARATION.
7. PANELS SHALL BE A SOLID UNIT DETACHABLE FROM THE ADJACENT POSTS.
8. RAIL LOADING 50 LB OR PER CURRENT EDITION OF INTERNATIONAL BUILDING CODE, WHICHEVER IS MORE STRINGENT.
9. ALL CONCEALED FASTENERS THROUGHOUT.
10. BLACK POWDER COATED PER CURRENT ASTM STANDARDS. WELDS TO BE PAINTED TO MATCH COLOR OF POST



SURFACE MOUNT DETAIL



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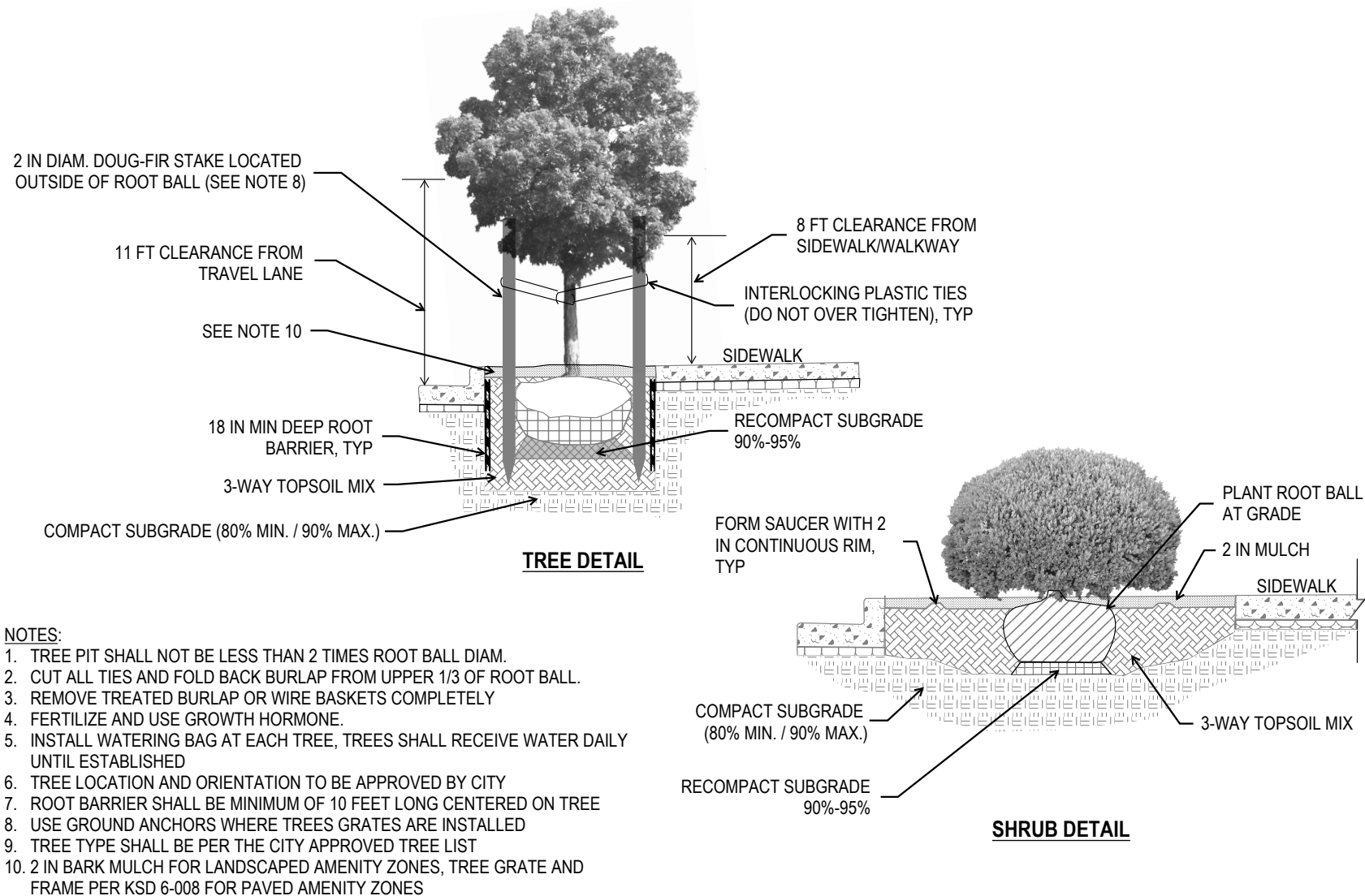


PEDESTRIAN RAILING

FIGURE 6-006

NOT TO SCALE

Date: 12/31/2020



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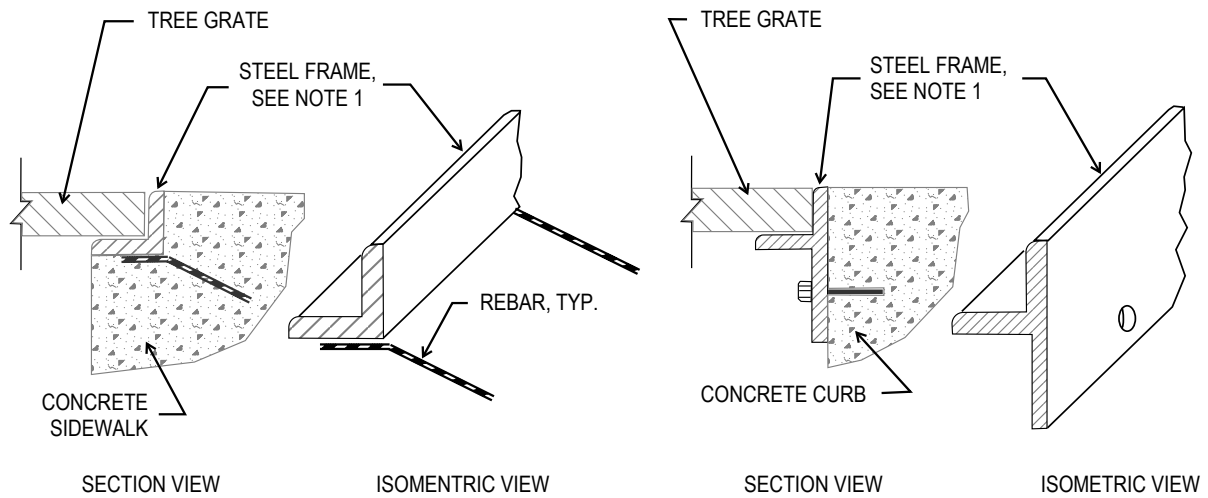


PLANTING

FIGURE 6-007

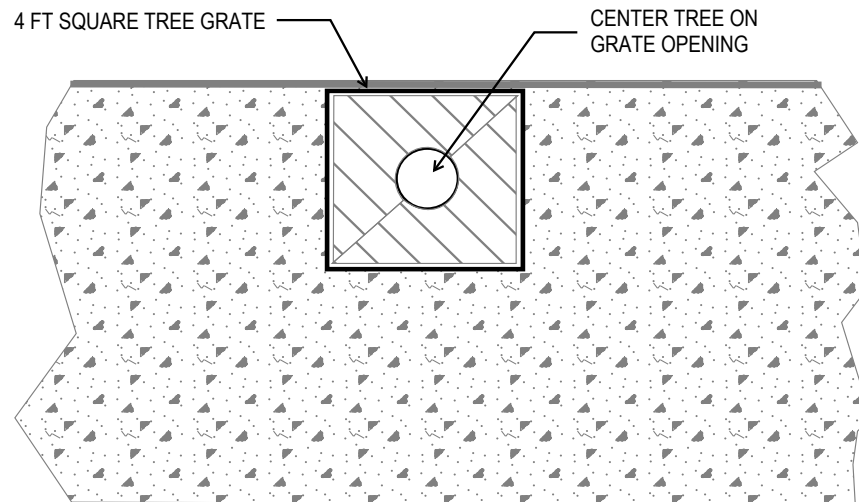
NOT TO SCALE

Date: 12/31/2020



TREE GRATE FRAME AT CONCRETE SIDEWALK

TREE GRATE FRAME AT CONCRETE CURB



TREE GRATE TOP VIEW

NOTES:

1. ASSEMBLE AND INSTALL TREE GRATE PER MANUFACTURER'S RECOMMENDATION
2. TREE GRATE STYLE TO BE APPROVED BY CITY PRIOR TO INSTALLATION
3. TREE GRATES SHALL BE ADA COMPLIANT AND INSTALLED FLUSH WITH ADJACENT CONCRETE PER ADA GUIDELINES
- 4.. TREE GRATE MATERIAL SHALL BE CAST IRON
5. TREE GRATE OPENING SHALL BE 16 INCHES



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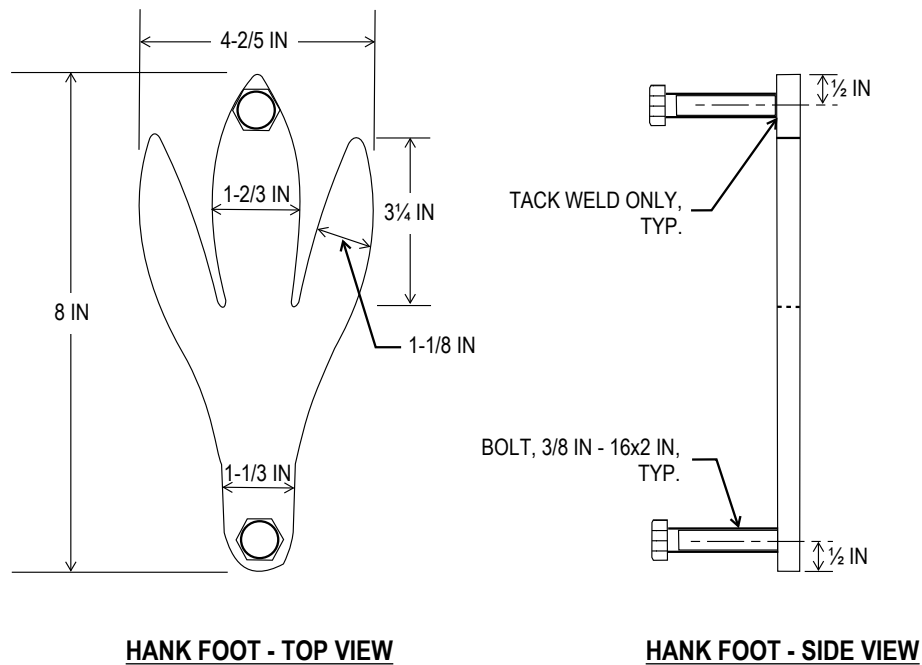
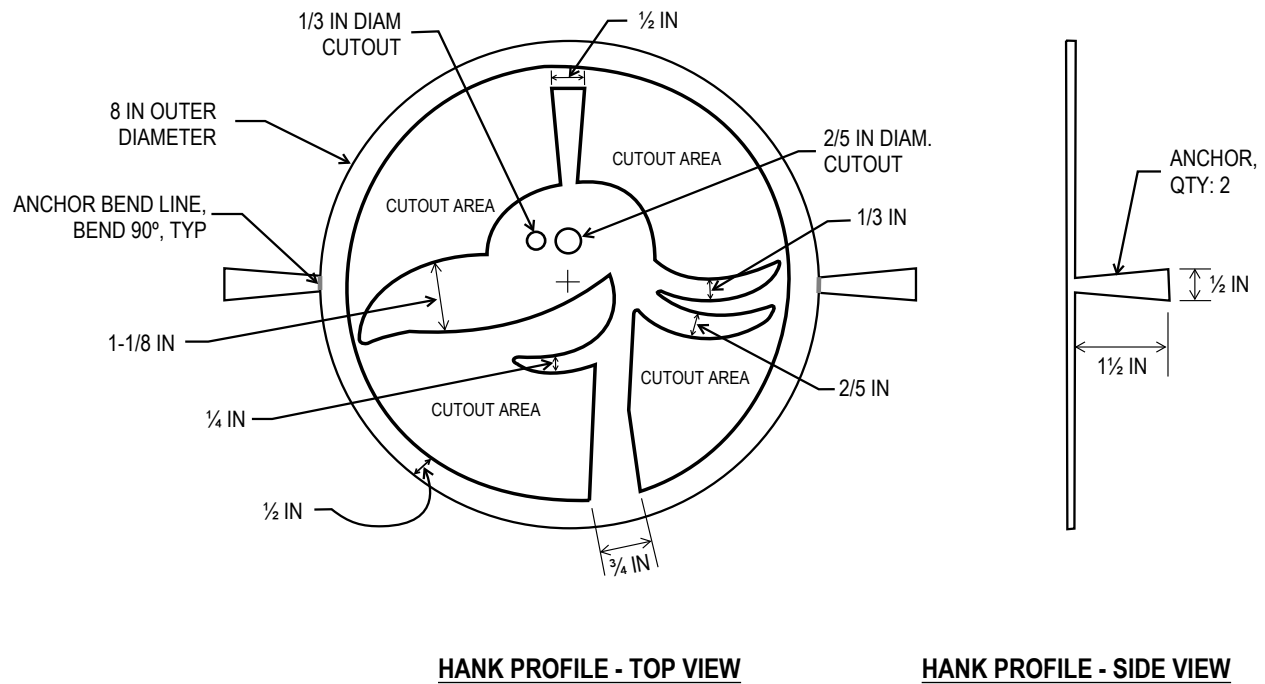


TREE GRATE

FIGURE 6-008

NOT TO SCALE

Date: 12/31/2020



NOTES:

1. MATERIALS SHALL BE 10 GAUGE STAINLESS STEEL
2. EDGES SHALL BE FILED TO REMOVE ALL SHARP EDGES AND ANY SPURS



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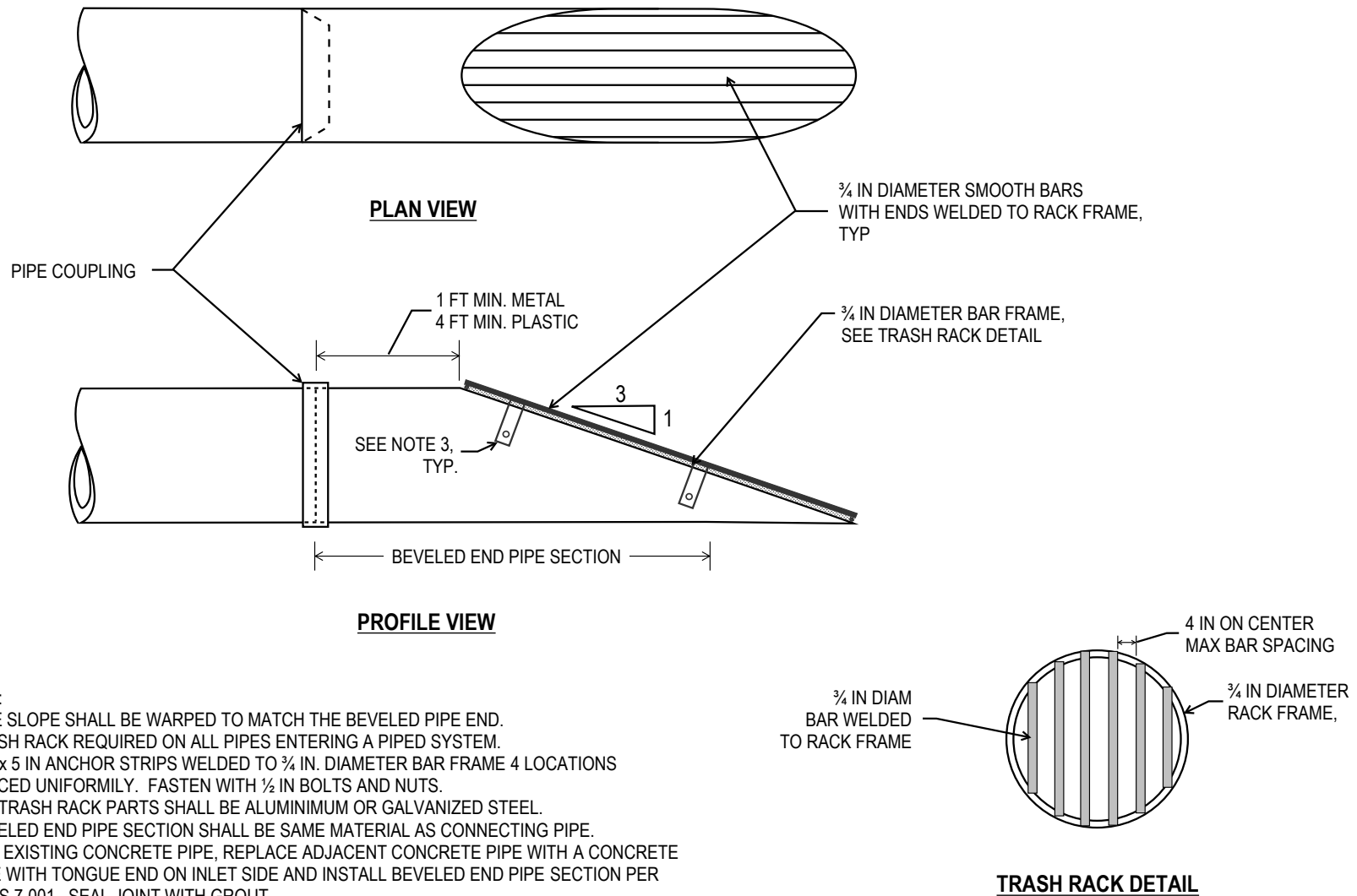


HANK HERON

FIGURE 6-009

NOT TO SCALE

Date: 12/31/2020



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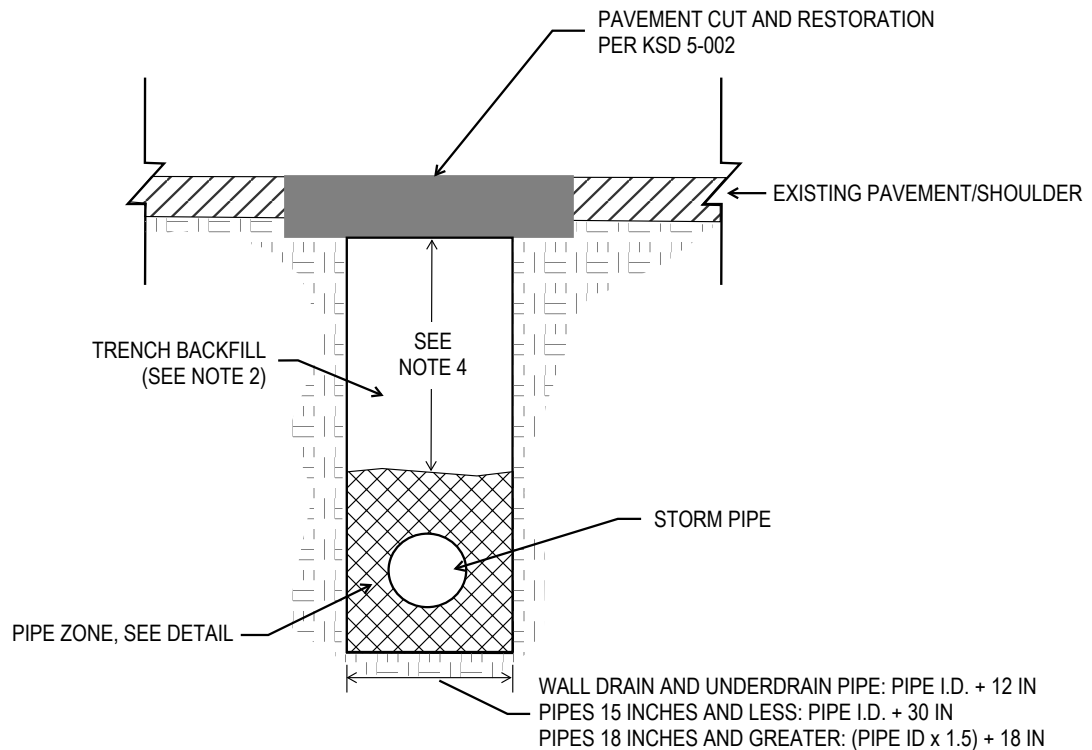


BEVELED END PIPE SECTION

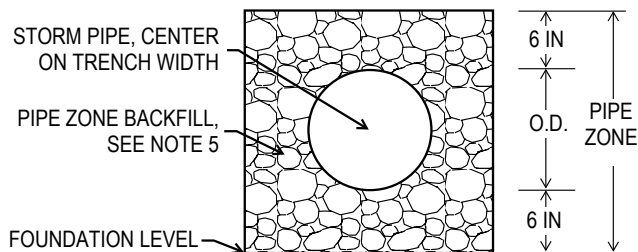
FIGURE 7-001

NOT TO SCALE

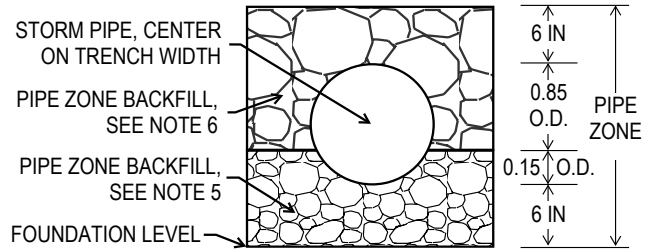
Date: 01/05/2021



SECTION VIEW



PIPE ZONE, PLASTIC PIPE



PIPE ZONE, METAL PIPE

NOTES:

1. TRENCH AND PIPE ZONE SHALL BE CONSTRUCTED PER WSDOT STANDARD SPECIFICATIONS 7-08.
2. TRENCH BACKFILL SHALL BE CRUSHED SURFACING PER WSDOT STANDARD SPECIFICATIONS 9-03.9(3). SEE KENMORE ROAD STANDARDS 11.04C FOR ADDITIONAL INFORMATION.
3. SEE KSD 5-002 FOR PAVEMENT RESTORATION AND OTHER TRENCH CUT RESTORATION REQUIREMENTS.
4. SEE KENMORE ROAD STANDARDS 10.03 FOR TRENCH DEPTH REQUIREMENTS
5. GRAVEL BACKFILL FOR PIPE ZONE BEDDING PER WSDOT STANDARD SPECIFICATION 9-03.12(3)
6. GRAVEL BACKFILL PER WSDOT STANDARD SPECIFICATION 7-08.3(3).
7. MINIMUM OF 24 INCH CLEARANCE BETWEEN ANY ADJACENT PIPE.

* I.D. = INNER DIAMETER
O.D. = OUTER DIAMETER



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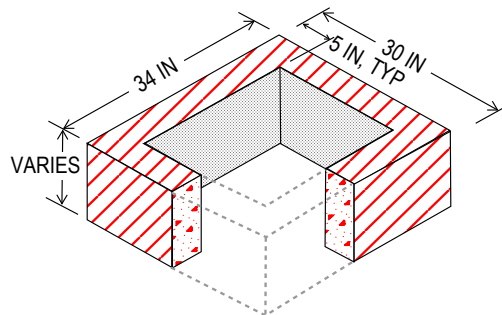
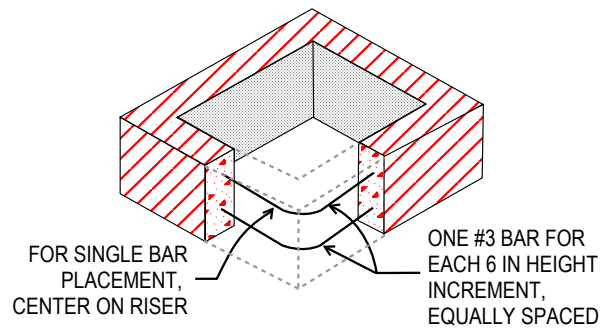
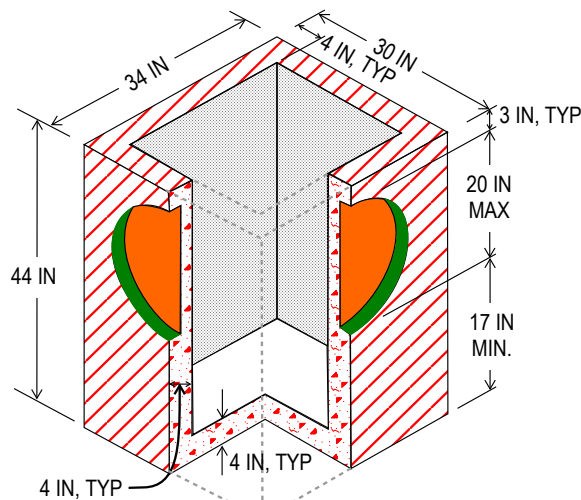
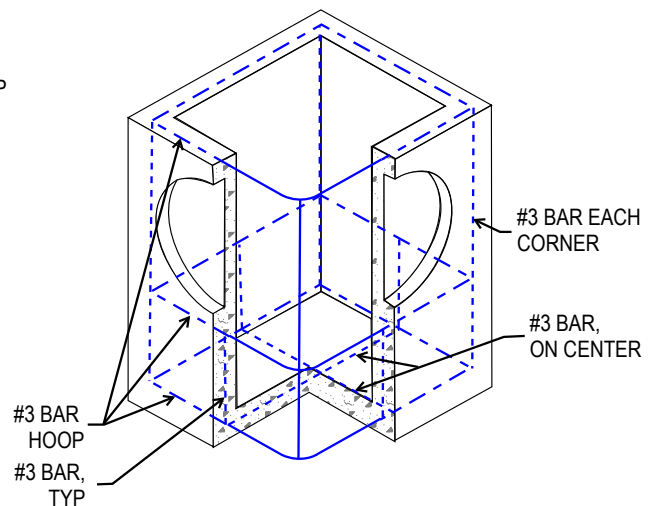
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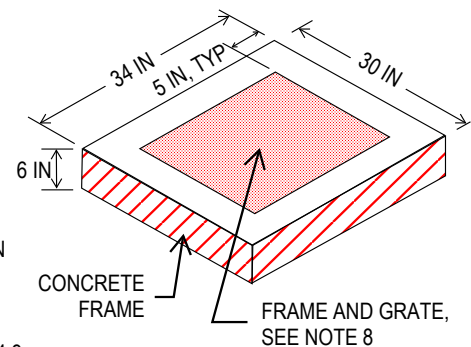
**TRENCH CUT
STORM DRAINAGE**

**FIGURE 7-002
NOT TO SCALE**

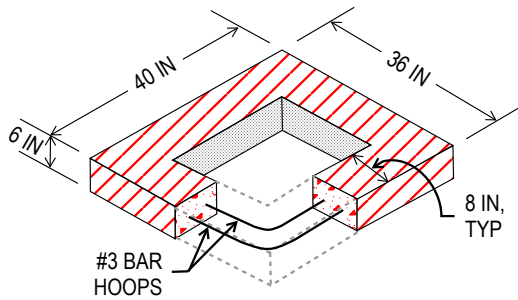
Date: 12/31/2020

**RISER ADJUSTMENT****RISER REINFORCEMENT****PRECAST BASE SECTION****PRECAST BASE REINFORCEMENT****NOTES:**

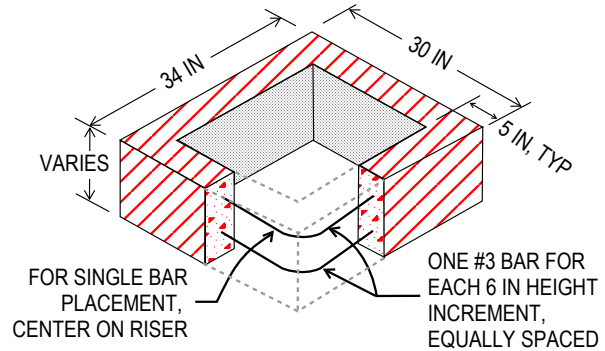
1. CATCH BASINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH AASHTO M199 UNLESS OTHERWISE SHOWN ON THE PLANS OR NOTED IN THE WSDOT STANDARD SPECIFICATIONS.
2. AN ACCEPTABLE ALTERNATIVE TO REBAR WOULD BE WELDED WIRE FABRIC HAVING A MINIMUM AREA OF 0.12 SQ. IN. PER FT WELDED WIRE FABRIC SHALL COMPLY TO ASTM A497 (AASHTO M221). WIRE FABRIC SHALL NOT BE PLACED IN KNOCKOUTS.
3. ALL CATCH BASIN (RISER, FRAME, AND BASE SECTIONS) SHALL BE A MINIMUM OF 4000 PSI CONCRETE.
4. CATCH BASINS SHALL BE PROVIDED WITH FACTORY INSTALLED KNOCKOUTS ON EACH SIDE. KNOCKOUTS SHALL HAVE A WALL THICKNESS OF 2 IN MINIMUM TO 2½ IN MAXIMUM.
5. PIPES SHALL PASS THROUGH KNOCKOUT AREA ONLY.
6. GROUT FILL PICKUP HOLES, AROUND PIPE AND CATCH BASIN KNOCKOUTS, AND BETWEEN RISER SECTIONS AND FRAME PER WSDOT STANDARD SPECIFICATION 9-04.3.
7. THE TAPER ON THE SIDES OF THE BASE SECTION AND THE RISER SECTION SHALL NOT EXCEED ½ IN PER FT. EDGE OF RISERS SHALL NOT BE MORE THAN 2 IN FROM VERTICAL EDGE OF THE CATCH BASIN WALL.
8. METAL FRAME AND GRATE SHALL BE PER KSD 7-007 THROUGH 7-010.
9. BRICK RISERS MAY NOT BE USED UNLESS APPROVED BY THE CITY.
10. SHIMS MAY BE USED FOR MINOR ADJUSTMENTS. SHIMS SHALL BE HIGH IMPACT POLYSTYRENE WITH A MINIMUM COMPRESSIVE STRENGTH OF 8,000 PSI PER ASTM D695.

**FRAME AND GRATE****CITY OF KENMORE**ENGINEERING DEPARTMENT
(425) 398-8900**CATCH BASIN
TYPE 1****FIGURE 7-003
NOT TO SCALE**

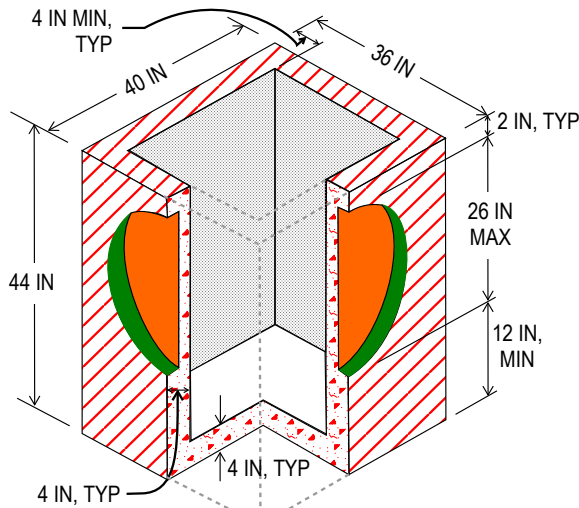
Date: 01/07/2021



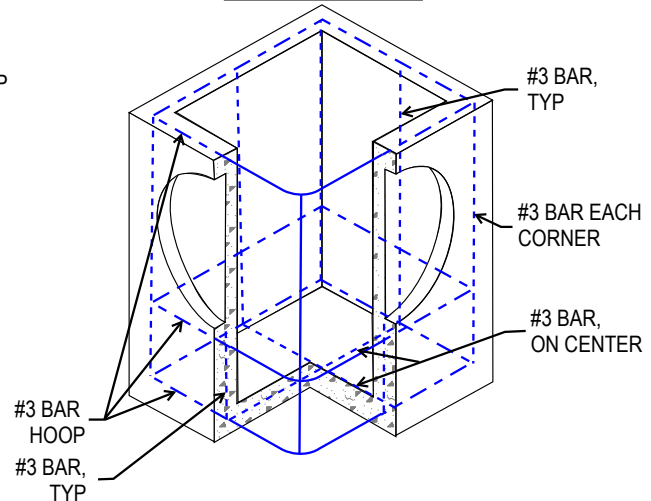
REDUCING SECTION AND REINFORCEMENT



RISER ADJUSTMENT AND REINFORCEMENT



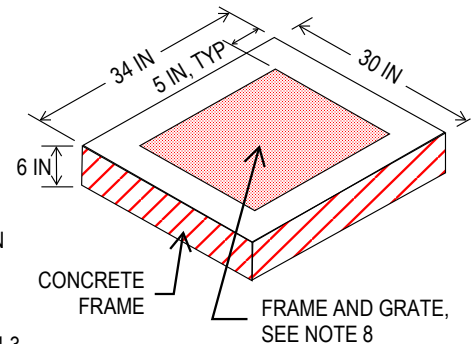
PRECAST BASE SECTION



PRECAST BASE REINFORCEMENT

NOTES:

1. CATCH BASINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH AASHTO M199 UNLESS OTHERWISE SHOWN ON THE PLANS OR NOTED IN THE WSDOT STANDARD SPECIFICATIONS.
2. AN ACCEPTABLE ALTERNATIVE TO REBAR WOULD BE WELDED WIRE FABRIC HAVING A MINIMUM AREA OF 0.12 SQ. IN. PER FT WELDED WIRE FABRIC SHALL COMPLY TO ASTM A497 (AASHTO M221). WIRE FABRIC SHALL NOT BE PLACED IN KNOCKOUTS.
3. ALL CATCH BASIN (RISER, FRAME, AND BASE SECTIONS) SHALL BE A MINIMUM OF 4000 PSI CONCRETE.
4. CATCH BASINS SHALL BE PROVIDED WITH FACTORY INSTALLED KNOCKOUTS ON EACH SIDE. KNOCKOUTS SHALL HAVE A WALL THICKNESS OF 2 IN MINIMUM TO 2½ IN MAXIMUM.
5. PIPES SHALL PASS THROUGH KNOCKOUT AREA ONLY.
6. GROUT FILL PICKUP HOLES, AROUND PIPE AND CATCH BASIN KNOCKOUTS, AND BETWEEN RISER SECTIONS AND FRAME PER WSDOT STANDARD SPECIFICATION 9-04.3.
7. THE TAPER ON THE SIDES OF THE BASE SECTION AND THE RISER SECTION SHALL NOT EXCEED ½ IN PER FT. EDGE OF RISERS SHALL NOT BE MORE THAN 2 IN FROM VERTICAL EDGE OF THE CATCH BASIN WALL.
8. METAL FRAME AND GRATE SHALL BE PER KSD 7-007 THROUGH 7-010.
9. BRICK RISERS MAY NOT BE USED UNLESS APPROVED BY THE CITY.
10. SHIMS MAY BE USED FOR MINOR ADJUSTMENTS. SHIMS SHALL BE HIGH IMPACT POLYSTYRENE WITH A MINIMUM COMPRESSIVE STRENGTH OF 8,000 PSI PER ASTM D695.



FRAME AND GRATE



CITY OF KENMORE

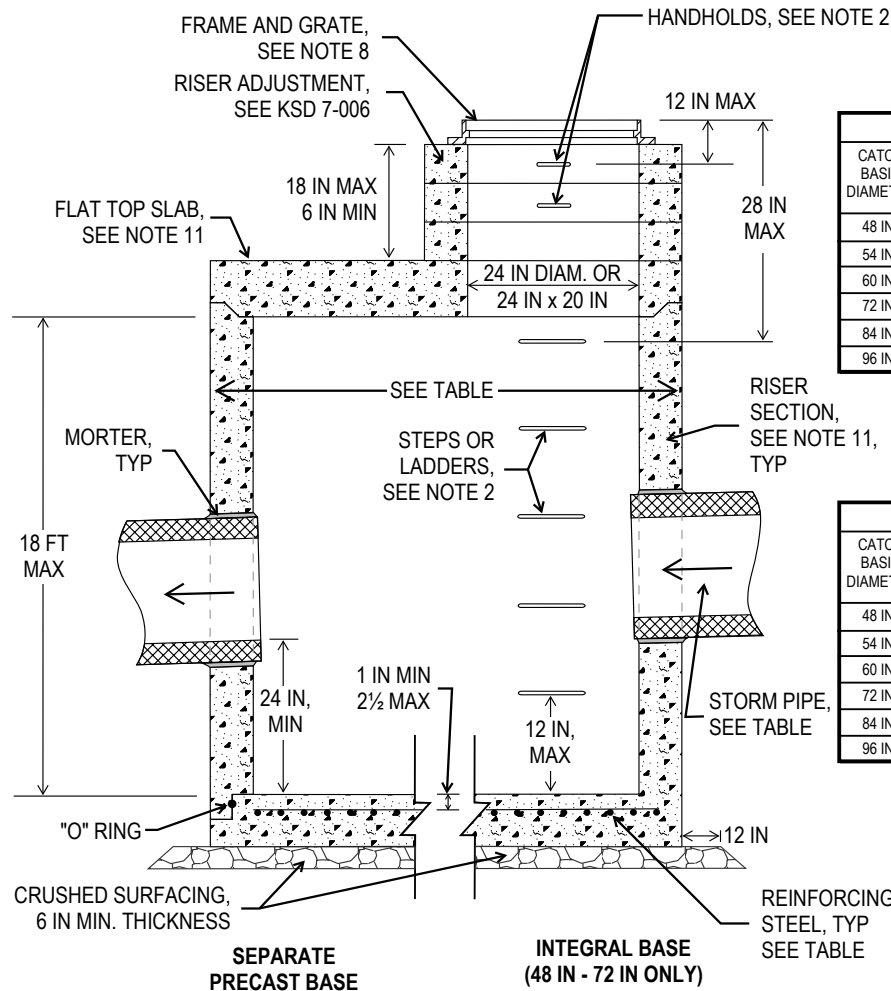
ENGINEERING DEPARTMENT
(425) 398-8900



**CATCH BASIN
TYPE 1L**

**FIGURE 7-004
NOT TO SCALE**

Date: 01/07/2021



CATCH BASIN DIMENSIONS				
CATCH BASIN DIAMETER	MIN. WALL THICKNESS	MIN. BASE THICKNESS	MAX. SIZE KNOCKOUT	MIN. DISTANCE BETWEEN KNOCKOUTS
48 IN	4 IN	6 IN	36 IN	8 IN
54 IN	4½ IN	8 IN	42 IN	8 IN
60 IN	5 IN	8 IN	48 IN	8 IN
72 IN	6 IN	8 IN	60 IN	12 IN
84 IN	8 IN	12 IN	72 IN	12 IN
96 IN	8 IN	12 IN	84 IN	12 IN

CATCH BASIN DIMENSIONS				
CATCH BASIN DIAMETER	PIPE MATERIAL WITH MAX. INSIDE DIAMETER			
	CONCRETE PIPE	DUCTILE IRON PIPE	CPSS PIPE	SOLID WALL PVC PIPE
48 IN	24 IN	30 IN	24 IN	30 IN
54 IN	30 IN	36 IN	30 IN	36 IN
60 IN	36 IN	42 IN	36 IN	42 IN
72 IN	42 IN	54 IN	42 IN	54 IN
84 IN	54 IN	60 IN	54 IN	60 IN
96 IN	60 IN	72 IN	60 IN	72 IN

CPSS = CORRUGATED POLYETHYLENE STORM SEWER

MIN. BASE REINFORCEMENT		
CATCH BASIN DIAMETER	SEPARATE PRECAST BASE	INTEGRAL PRECAST BASE
48 IN	0.23 SQ IN/FT E.D.	0.15 SQ IN/FT E.D.
54 IN	0.19 SQ IN/FT E.D.	0.19 SQ IN/FT E.D.
60 IN	0.25 SQ IN/FT E.D.	0.25 SQ IN/FT E.D.
72 IN	0.35 SQ IN/FT E.D.	0.24 SQ IN/FT E.D.
84 IN	0.37 SQ IN/FT E.D.	0.27 SQ IN/FT E.D.
96 IN	0.39 SQ IN/FT E.D.	0.29 SQ IN/FT E.D.

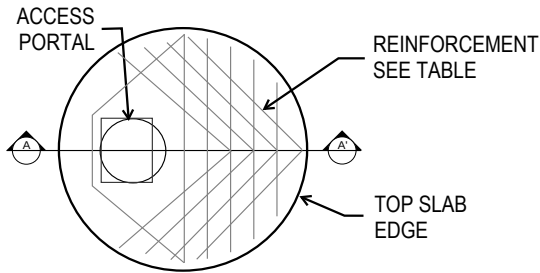
E.D. = EACH DIRECTION

NOTES:

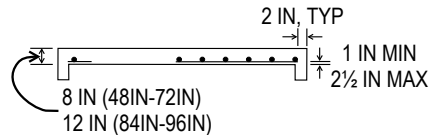
- CATCH BASINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH AASHTO M199 UNLESS OTHERWISE SHOWN ON THE PLANS OR NOTED IN THE WSDOT STANDARD SPECIFICATIONS.
- STEPS/LADDERS AND HANDHOLDS PER KSD 7-006. ORIENTATE STEPS/LADDERS TO PROVIDE A MINIMUM OF 12 INCHES OF CLEARANCE FROM STORM PIPES.
- PIPES SHALL PASS THROUGH KNOCKOUT AREA ONLY.
- CATCH BASINS SHALL BE PROVIDED WITH A MINIMUM OF FOUR FACTORY INSTALLED KNOCKOUTS. KNOCKOUTS SHALL HAVE A WALL THICKNESS OF 2 IN MINIMUM TO 2½ IN MAXIMUM.
- ALL CATCH BASINS (RISER, RISER ADJUSTMENT, AND BASE SECTIONS) SHALL BE A MINIMUM OF 4000 PSI CONCRETE.
- GROUT FILL PICKUP HOLES AROUND PIPE AND CATCH BASIN KNOCKOUTS, AND BETWEEN RISER SECTIONS AND FRAME PER WSDOT STANDARD SPECIFICATION 9-04.3.
- THE TAPER ON THE SIDES OF THE RISER/BASE SECTION AND THE RISER ADJUSTMENT SECTION SHALL NOT EXCEED ½ IN PER FT. EDGE OF NECK RISERS SHALL NOT BE MORE THAN 2 IN FROM VERTICAL EDGE OF THE CATCH BASIN WALL.
- METAL FRAME AND GRATE SHALL BE PER KSD 7-007 THROUGH 7-010.
- BRICK RISERS MAY NOT BE USED UNLESS APPROVED BY THE CITY.
- SHIMS MAY BE USED FOR MINOR ADJUSTMENTS. SHIMS SHALL BE HIGH IMPACT POLYSTYRENE WITH A MINIMUM COMPRESSIVE STRENGTH OF 8,000 PSI PER ASTM D695.
- RISER SECTION REINFORCEMENT SHALL BE PER MANUFACTURER'S RECOMMENDATION. SEE KSD 7-006 FOR REINFORCEMENT OF TOP SLAB AND RISER ADJUSTMENTS.
- RUBBER GASKETS SHALL BE USED AT JOINTS BETWEEN SECTIONS.

**CITY OF KENMORE**ENGINEERING DEPARTMENT
(425) 398-8900**CATCH BASIN
TYPE 2****FIGURE 7-005
NOT TO SCALE**

Date: 01/08/2021

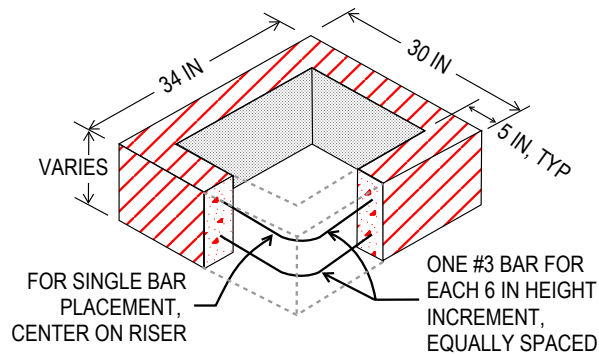


TOP SLAB PLAN VIEW

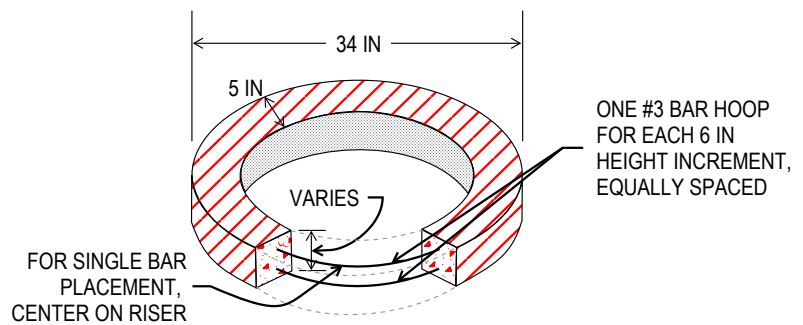


SECTION A-A'

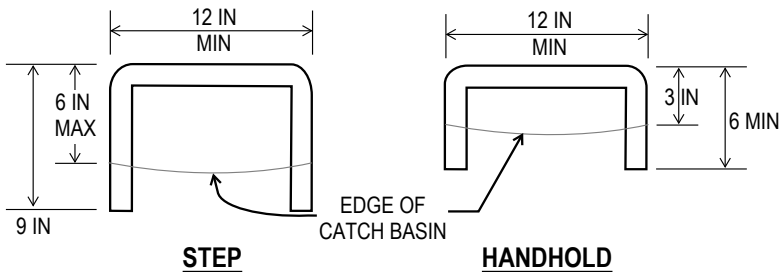
TOP SLAB REINFORCEMENT		
CATCH BASIN DIAMETER	BAR SIZE	SPACING ON CENTER
48 IN	#4	6 IN
54 IN	#4	6 IN
60 IN	#4	6 IN
72 IN	#5	6 IN
84 IN	#6	7 IN
96 IN	#6	7 IN



RISER ADJUSTMENT AND REINFORCEMENT

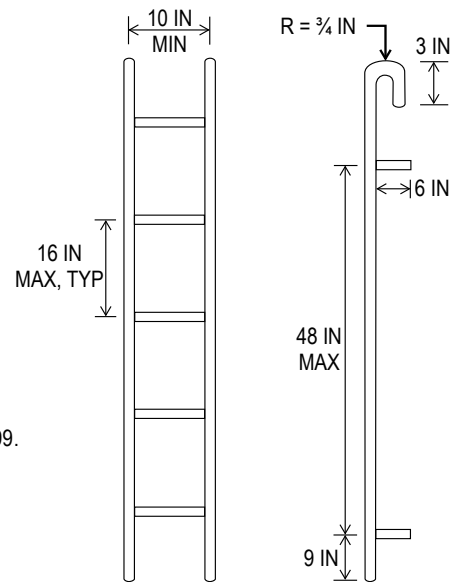


RISER ADJUSTMENT AND REINFORCEMENT



STEP

HANDHOLD



PREFABRICATED LADDER

NOTES:

1. STEPS, LADDERS, AND HANDHOLDS SHALL BE RELATIVELY PARALLEL TO THE CATCH BASIN WALL.
2. STEPS/LADDERS AND HANDHOLDS SHALL MEET THE REQUIREMENTS OF AASHTO M199.
3. AS AN ALTERNATIVE, TO REBAR, WIRE MESH HAVING A MINIMUM AREA OF 0.12 SQ IN PER FOOT MAY BE USED FOR ADJUSTMENT RISERS.
4. HANGING LADDERS SHALL BE PERMANENTLY FASTENED AT TOP BY HANGING ON STEP OR BY BOLTING TO OR EMBEDDING IN CONCRETE WALL.
5. ALL STEPS AND HANDHOLDS SHALL BE #8 GALVANIZED DEFORMED REBAR OR COPOLYMER PROPYLENE.
6. STEP AND HANDHOLD PLACEMENT SHALL MAINTAIN A MINIMUM OF 1 IN CATCH BASIN WALL THICKNESS.



CITY OF KENMORE

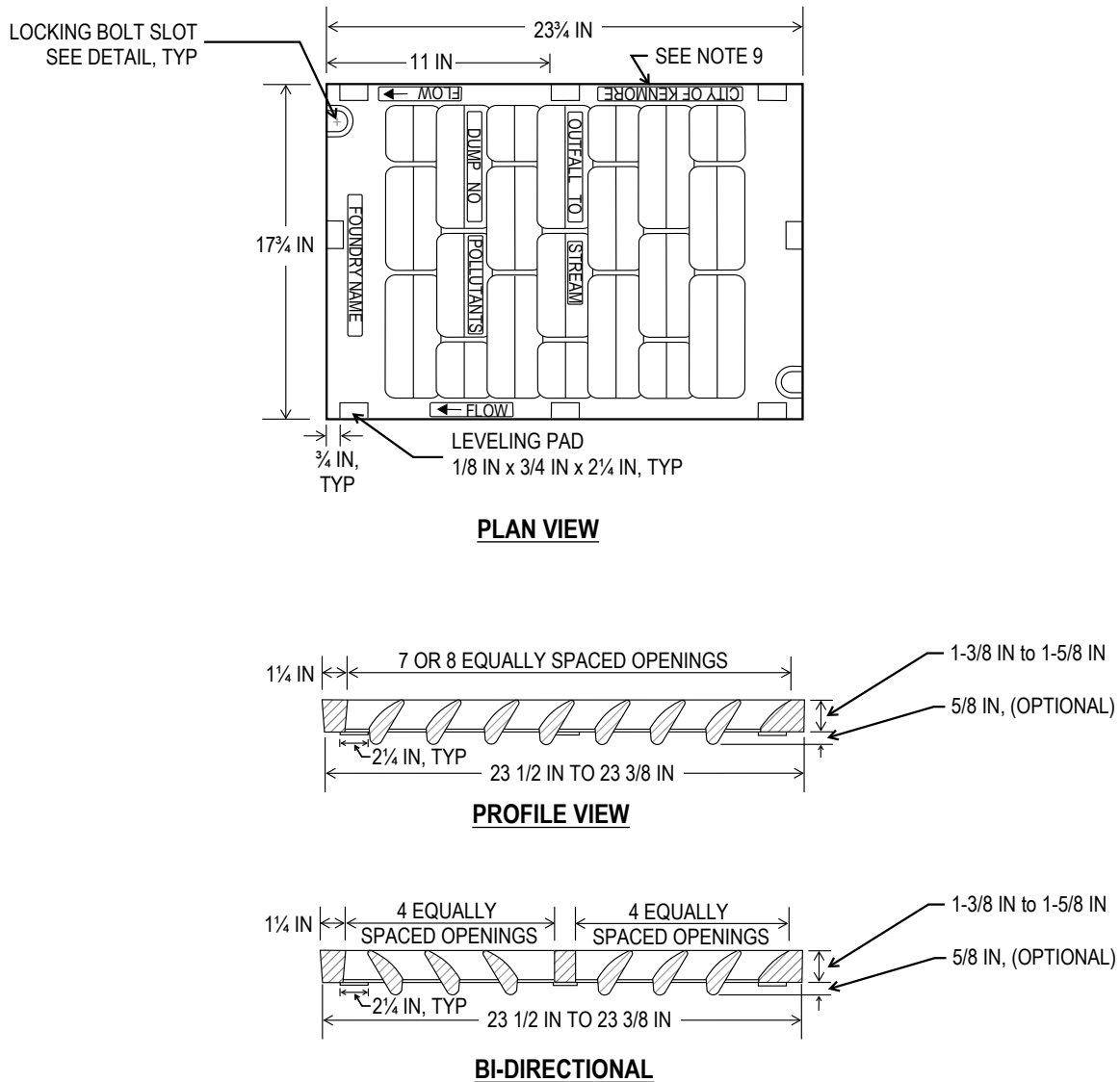
ENGINEERING DEPARTMENT
(425) 398-8900



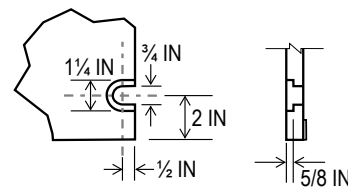
**CATCH BASIN TYPE 2
MISC. DETAILS**

**FIGURE 7-006
NOT TO SCALE**

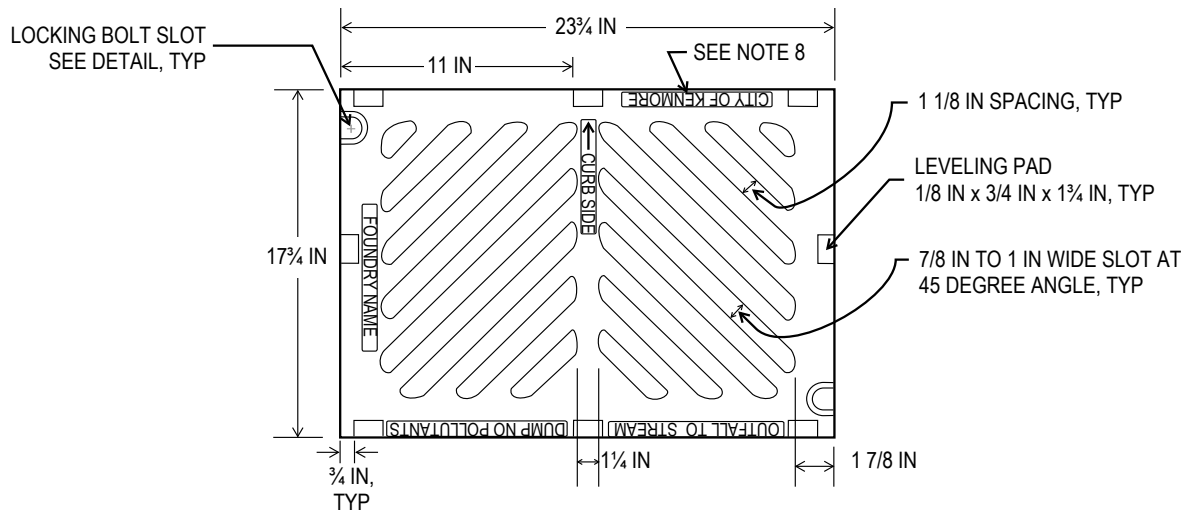
Date: 01/08/2021

**NOTES:**

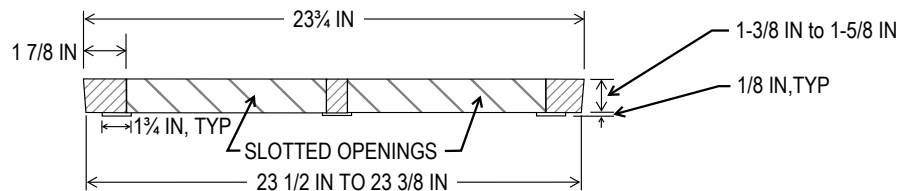
1. USE MINIMUM OF (2) 5/8 IN - 11 NC STAINLESS STEEL TYPE 304 SOCKET HEAD (ALLEN HEAD) CAP SCREWS, 2 IN LONG.
2. GRATE SHALL BE GRADE 80-55-06 DUCTILE IRON MEETING THE REQUIREMENTS OF ASTM A536.
3. LOCATION OF LETTERING STAMPS ARE SHOWN FOR QUANTITY AND EXAMPLE. ACTUAL LOCATION OF EACH MAY VARY.
4. INSTALL A BI-DIRECTIONAL VANED GRATE AT LOCATIONS WHERE FLOW ENTERS THE BASIN FROM BOTH SIDES.
5. BOLT SLOT FORMED AND RECESSED FOR LOCKING BOLTS.
6. LETTERS ARE TO BE RECESSED SO FLUSH WITH SURROUNDING GRATE.
7. SEE WSDOT STANDARD SPECIFICATIONS SECTION 9-05.15 FOR METAL CASTING REQUIREMENTS.
8. FOR CATCH BASINS ON PRIVATE PROPERTY, OWNED AND OPERATED, REPLACE "CITY OF KENMORE" WITH "PRIVATE".

**LOCKING BOLT DETAIL****CITY OF KENMORE**ENGINEERING DEPARTMENT
(425) 398-8900**VANED GRATE****FIGURE 7-007****NOT TO SCALE**

Date: 07/25/2021



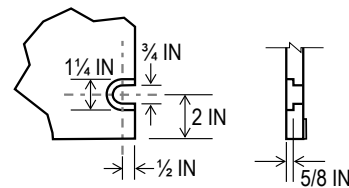
PLAN VIEW



PROFILE VIEW

NOTES:

1. USE MINIMUM OF (2) 5/8 IN - 11 NC STAINLESS STEEL TYPE 304 SOCKET HEAD (ALLEN HEAD) CAP SCREWS, 2 IN LONG.
2. GRATE SHALL BE GRADE 80-55-06 DUCTILE IRON MEETING THE REQUIREMENTS OF ASTM A536.
3. LOCATION OF LETTERING STAMPS ARE SHOWN FOR QUANTITY AND EXAMPLE. ACTUAL LOCATION OF EACH MAY VARY.
4. SEE KSD 7-010 FOR FRAME REQUIREMENTS AND INSTALLATION
5. BOLT SLOT FORMED AND RECESSED FOR LOCKING BOLTS.
6. LETTERS ARE TO BE RECESSED SO FLUSH WITH SURROUNDING GRATE.
7. SEE WSDOT STANDARD SPECIFICATIONS SECTION 9-05.15 FOR METAL CASTING REQUIREMENTS.
8. FOR CATCH BASINS ON PRIVATE PROPERTY, OWNED AND OPERATED, REPLACE "CITY OF KENMORE" WITH "PRIVATE".



LOCKING BOLT DETAIL



CITY OF KENMORE

ENGINEERING DEPARTMENT
(425) 398-8900

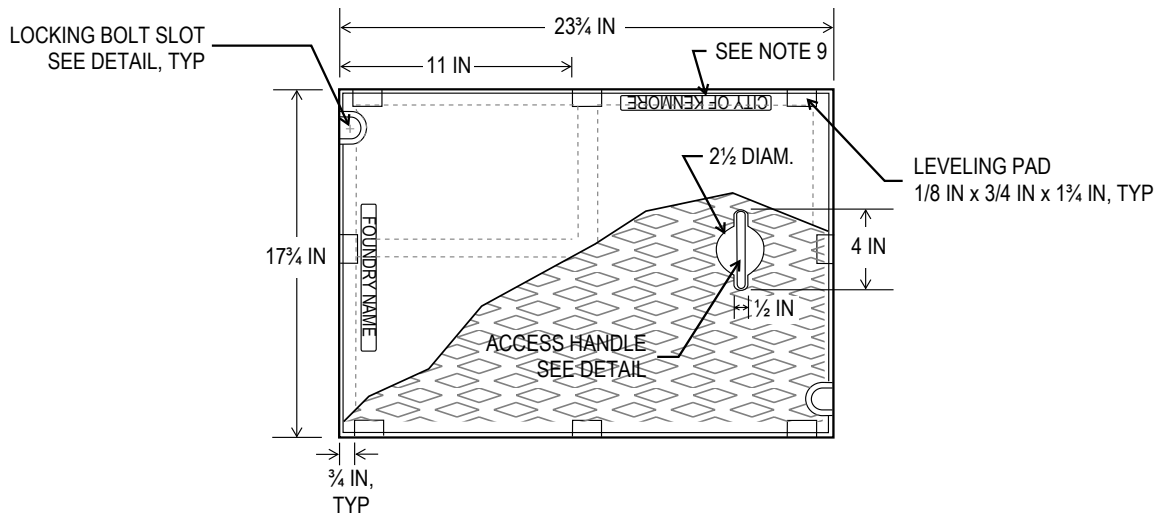


**DIAGONAL SLOTTED
GRATE**

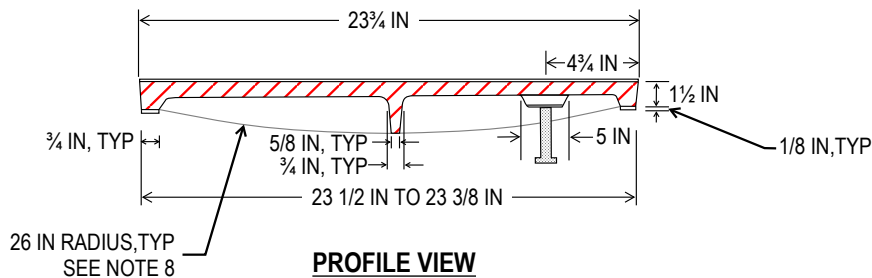
FIGURE 7-008

NOT TO SCALE

Date: 01/25/2021



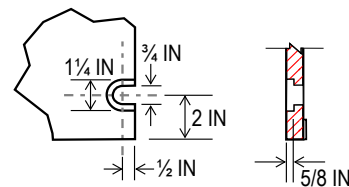
PLAN VIEW



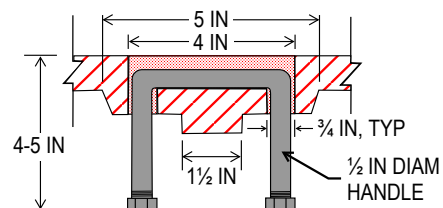
PROFILE VIEW

NOTES:

1. USE MINIMUM OF (2) 5/8 IN - 11 NC STAINLESS STEEL TYPE 304 SOCKET HEAD (ALLEN HEAD) CAP SCREWS, 2 IN LONG.
2. GRATE SHALL BE GRADE 80-55-06 DUCTILE IRON MEETING THE REQUIREMENTS OF ASTM A536.
3. LOCATION OF LETTERING STAMPS ARE SHOWN FOR QUANTITY AND EXAMPLE. ACTUAL LOCATION OF EACH MAY VARY.
4. SEE KSD 7-010 FOR FRAME REQUIREMENTS AND INSTALLATION
5. BOLT SLOT FORMED AND RECESSED FOR LOCKING BOLTS.
6. LETTERS ARE TO BE RECESSED SO FLUSH WITH SURROUNDING GRATE.
7. SEE WSDOT STANDARD SPECIFICATIONS SECTION 9-05.15 FOR METAL CASTING REQUIREMENTS.
8. ALTERNATIVE REINFORCING DESIGNS ARE ACCEPTABLE IN LIEU OF THE RIB DESIGN SHOWN.
9. FOR CATCH BASINS ON PRIVATE PROPERTY, OWNED AND OPERATED, REPLACE "CITY OF KENMORE" WITH "PRIVATE".



LOCKING BOLT DETAIL



ACCESS HANDLE DETAIL



CITY OF KENMORE

ENGINEERING DEPARTMENT
(425) 398-8900

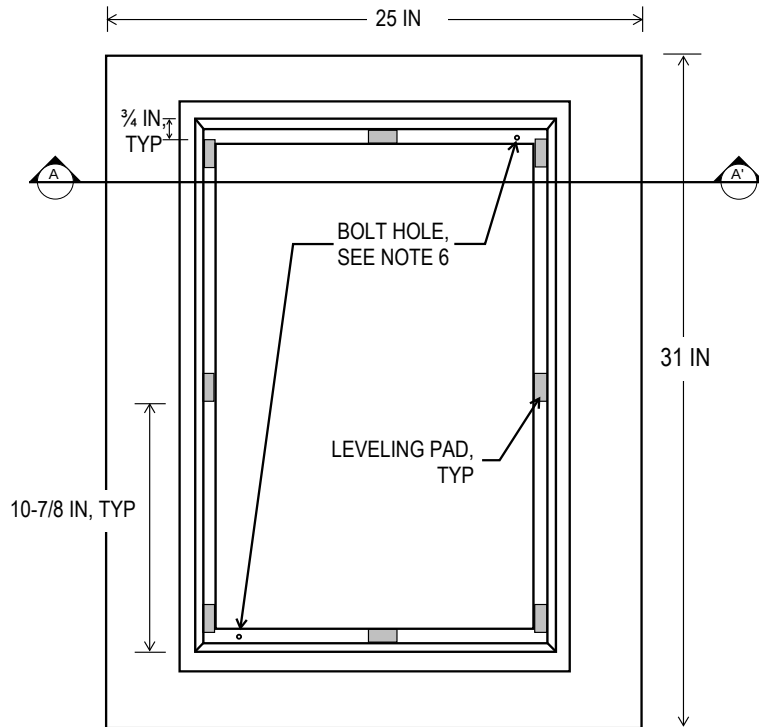


SOLID COVER

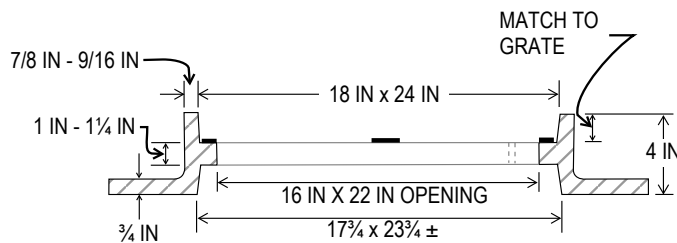
FIGURE 7-009

NOT TO SCALE

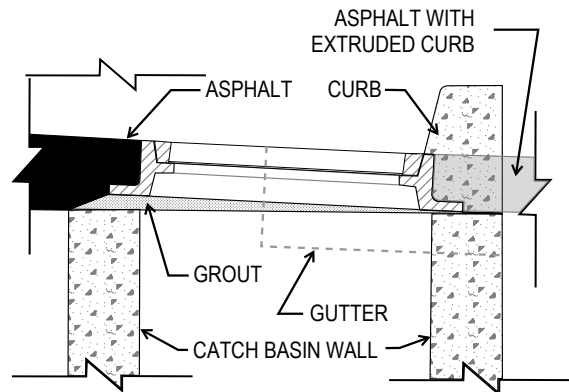
Date: 01/25/2021



FRAME PLAN VIEW



SECTION A-A'



INSTALLATION

NOTES:

1. SEE KSD 7-007, 7-008, AND 7-009 FOR GRATE REQUIREMENTS.
2. FRAME SHALL BE CLASS 30 DUCTILE IRON MEETING THE REQUIREMENTS OF ASTM A48.
3. SET FRAME FLUSH WITH ADJACENT ASPHALT PAVEMENT.
4. GRATE TO BE FLUSH WITH FRAME.
5. SEE WSDOT STANDARD SPECIFICATIONS SECTION 9-05.15 FOR METAL CASTING REQUIREMENTS.
6. DRILL AND TAP LOCKING BOLT.



CITY OF KENMORE

ENGINEERING DEPARTMENT
(425) 398-8900

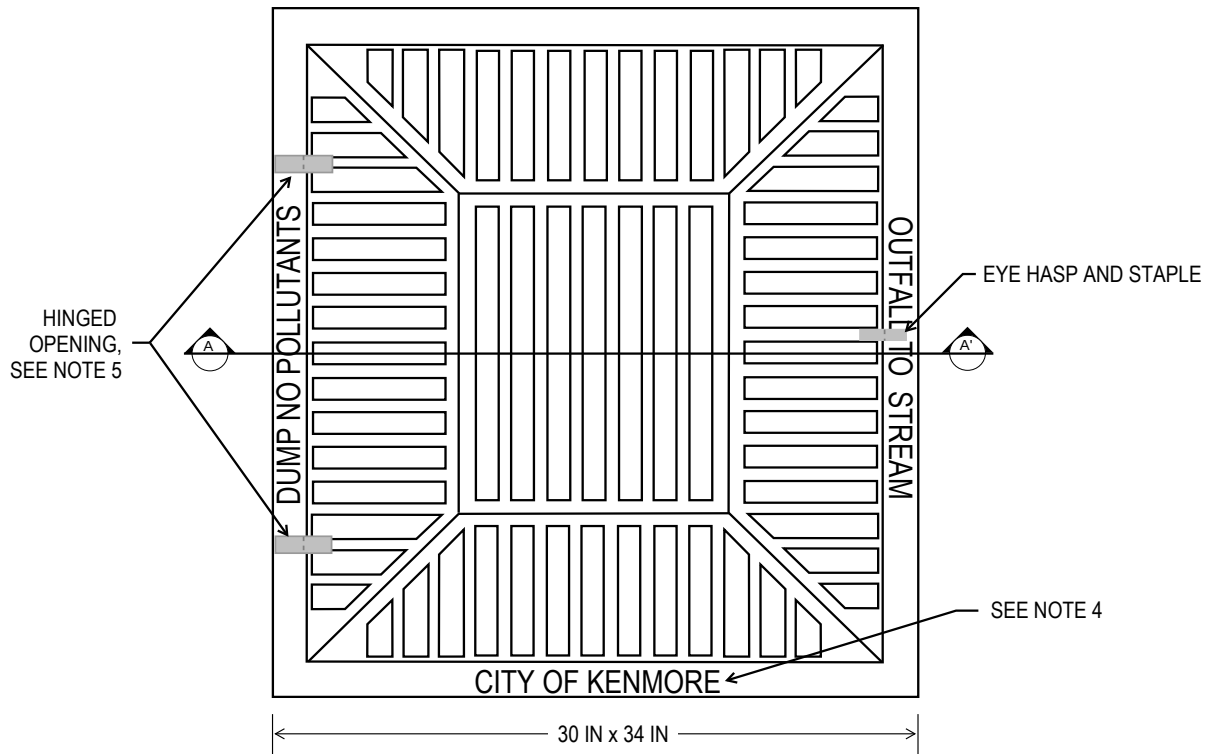


SQUARE FRAME

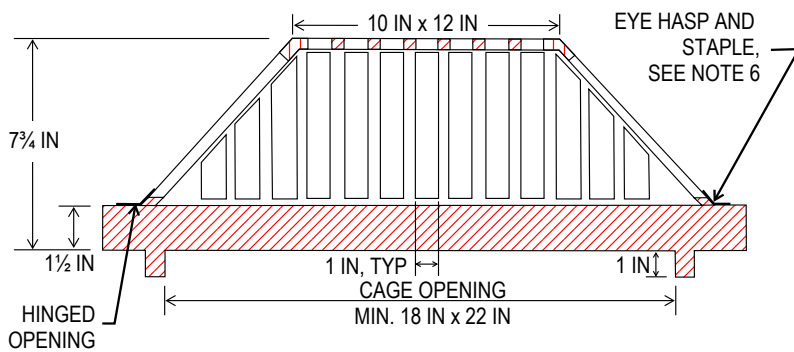
FIGURE 7-010

NOT TO SCALE

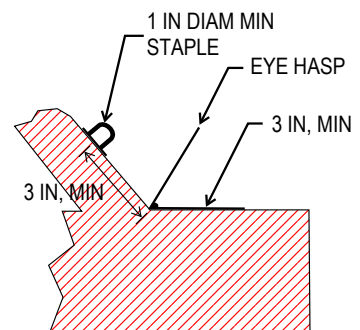
Date: 01/25/2021



TOP VIEW



CROSS SECTION A-A'



STAPLE AND HASP

NOTES:

1. ALL STEEL IN PLATES, BARS AND BANDS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A38
2. DEBRIS CAGE AND FRAME SHALL BE HOT-DIP GALVANIZED IN ACCORDANCE WITH ASTM A123 (AASHTO M111)
3. DIMENSIONS FOR FRAME SHALL PROVIDE A SNUG FIT WITHIN PROPOSED CATCH BASIN
4. FOR CATCH BASINS ON PRIVATE PROPERTY, OWNED AND OPERATED, REPLACE "CITY OF KENMORE" WITH "PRIVATE".
5. 2 IN x 5 IN ANCHOR HINGED STRIPS WELDED TO LONG SIDE OF CAGE AND FRAME LOCATIONS SPACED UNIFORMLY.
6. 1 1/2 IN WIDE EYE HASP WITH STAPLE WELDED TO FRAME AND CAGE.



CITY OF KENMORE

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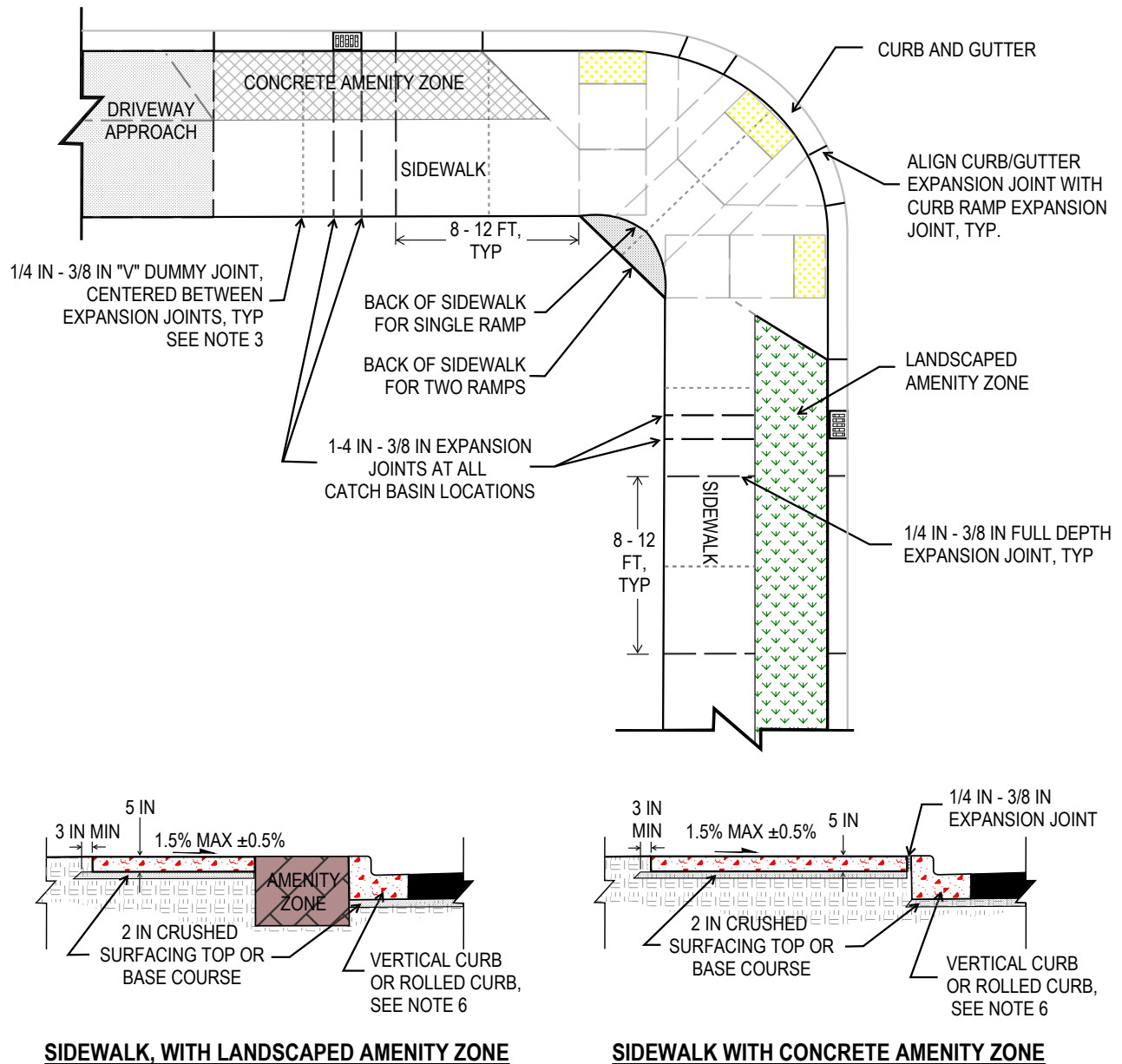


**DEBRIS CAGE FOR
CATCH BASIN**

FIGURE 7-011

NOT TO SCALE

Date: 02/04/2021



NOTES:

1. SPACE DUMMY AND EXPANSION JOINTS AS NOTED, FULL WIDTH OF SIDEWALK.
2. EXPANSION JOINTS SHALL BE EQUALLY SPACED AND FLUSH WITH ADJACENT SIDEWALK PANELS.
3. SEE KSD 8-008 FOR ADDITIONAL CONCRETE PLACEMENT AND FINISHING REQUIREMENTS.
4. EXPANSION JOINTS IN CURB/GUTTER TO ALIGN WITH EXPANSION JOINTS IN SIDEWALK.
5. BACKFILL MATERIAL PER WSDOT STANDARD SPECIFICATION SECTION 9-03.
6. SEE KSD 8-009 FOR CURB REQUIREMENTS.
7. JOINTING AROUND DRIVEWAY APPROACH AND CURB RAMPS FOR REFERENCE ONLY, SEE RESPECTIVE KSD FOR SPECIFIC REQUIREMENTS FOR EACH TYPE.
8. CURB RAMPS SHOWN FOR REFERENCE ONLY. ACTUAL LOCATION, TYPE AND QUANTITY TO BE APPROVED BY THE CITY AND WILL VARY DEPENDING UPON SITE CONDITIONS.
9. 1 FT CLEARANCE BETWEEN RIGHT OF WAY LINE AND BACK OF SIDEWALK.



CITY OF KENMORE

ENGINEERING DEPARTMENT
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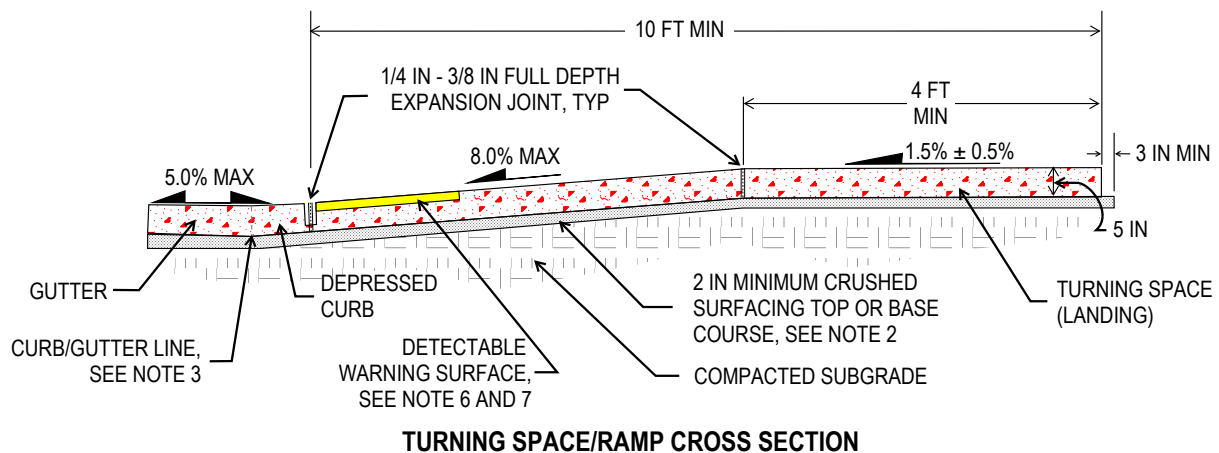
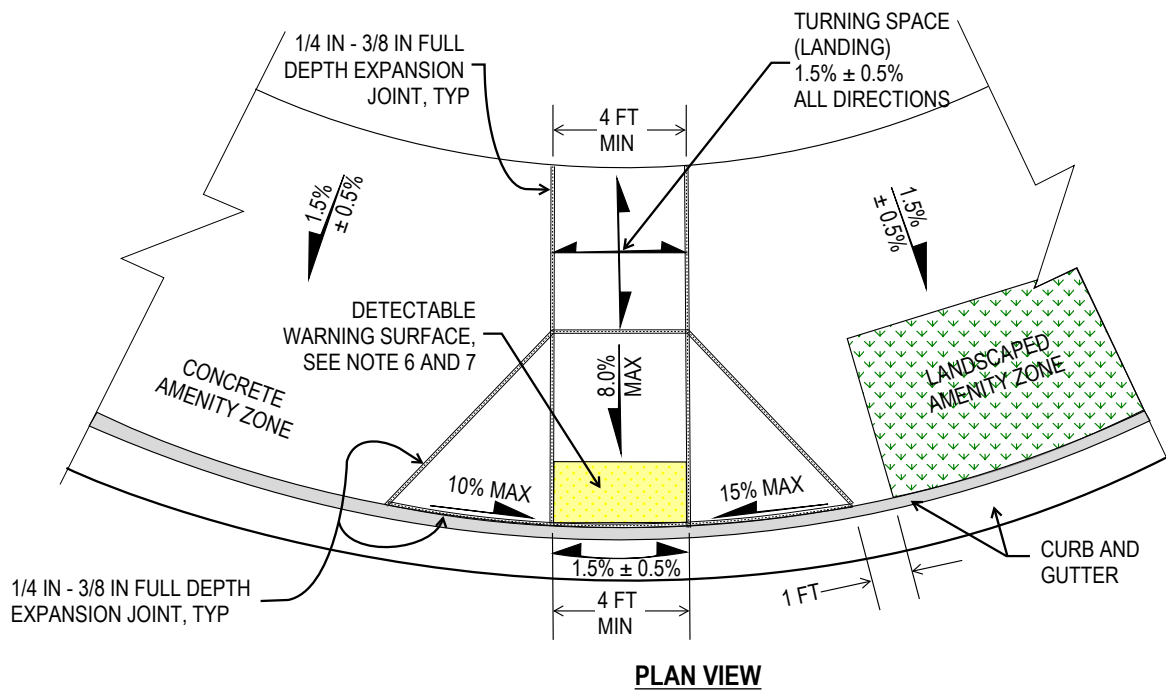


SIDEWALK

FIGURE 8-001

NOT TO SCALE

Date: 02/10/2021



TURNING SPACE/RAMP CROSS SECTION

NOTES:

1. ALLOWABLE SLOPES AND WIDTHS ARE SHOWN. VARIATIONS FROM THE ABOVE STANDARDS MAY BE PERMITTED AT THE DISCRETION OF THE CITY ENGINEER.
2. BACKFILL MATERIAL PER WSDOT STANDARD SPECIFICATION SECTION 9-03.
3. DEPRESSED CURB MUST BE FLUSH WITH ADJACENT GUTTER AND CURB RAMP $\pm 1/8$ IN.
4. ALL CONCRETE PANELS SHALL BE FLUSH WITH ADJACENT CONCRETE PANELS WITH NO GREATER THAN 1/8 IN VERTICAL DIFFERENCE.
5. SEE KSD 4-001 FOR ADDITIONAL CURB RAMP PLACEMENT REQUIREMENTS.
6. DETECTABLE WARNING PATTERN (DWP) SHALL BE FLUSH WITH SURROUNDING RAMP AND DEPRESSED CURB $\pm 1/8$ IN. DWP AND GRADE BREAKS SHALL BE PERPENDICULAR TO DIRECTION OF PEDESTRIAN TRAVEL. DWP SHALL BE WITHIN 5 FEET OF CURB.
7. DWP SHALL BE COMPLIANT WITH ADA GUIDELINES AND BE COMPOSED OF POLYMER MATERIAL ONLY. COLOR SHALL BE YELLOW MATCHING FEDERAL STANDARD 595 COLOR NUMBER 33538. COLOR SHALL BE THROUGHOUT (SURFACE COATINGS ONLY NOT ALLOWED). DWP SHALL BE CAST IN PLACE, SURFACE MOUNT DWP ARE NOT ALLOWED.
8. CATCH BASINS AND INLETS SHALL BE INSTALLED A MINIMUM OF 1 FOOT UPSTREAM FROM THE BASE OF ANY CURB RAMP.
9. RAMP AND TURNING SPACE SHALL NOT HAVE ANY EXPANSION JOINTS EXCEPT ALONG BORDERS.



CITY OF KENMORE

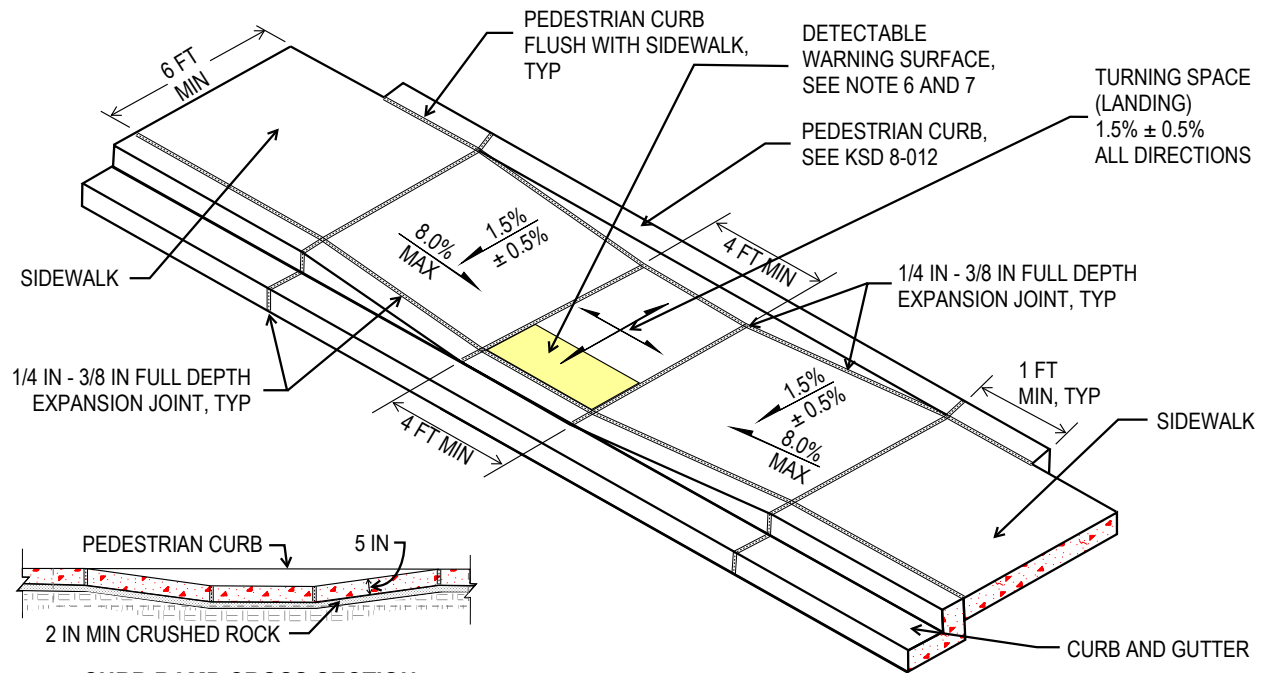
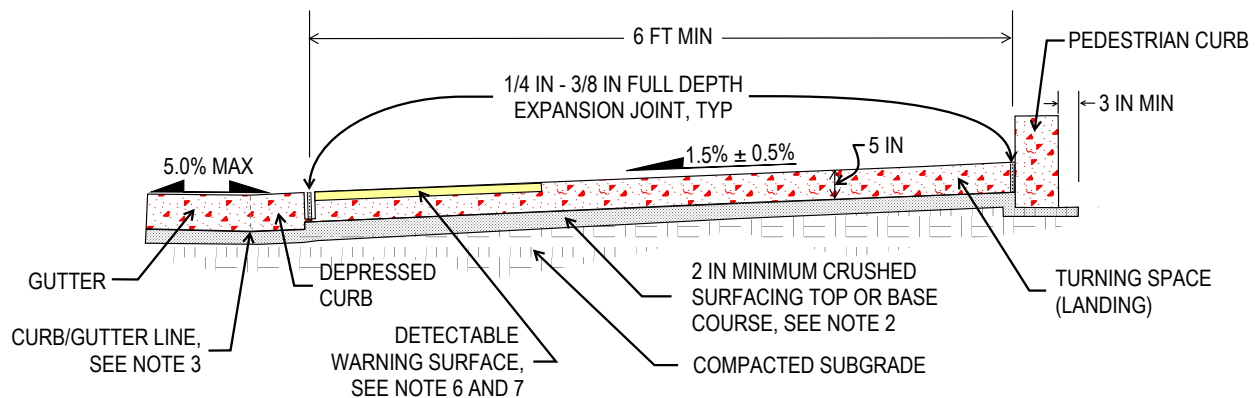
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PERPENDICULAR CURB RAMP

FIGURE 8-002
NOT TO SCALE

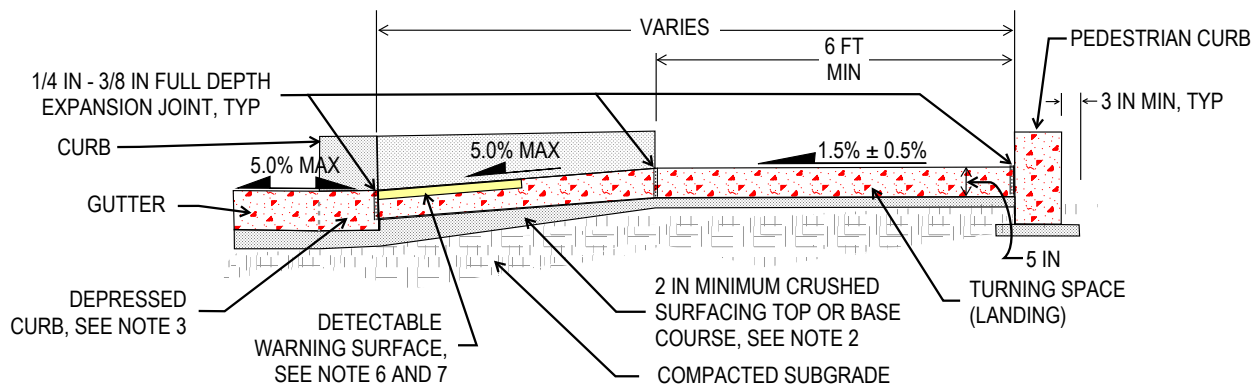
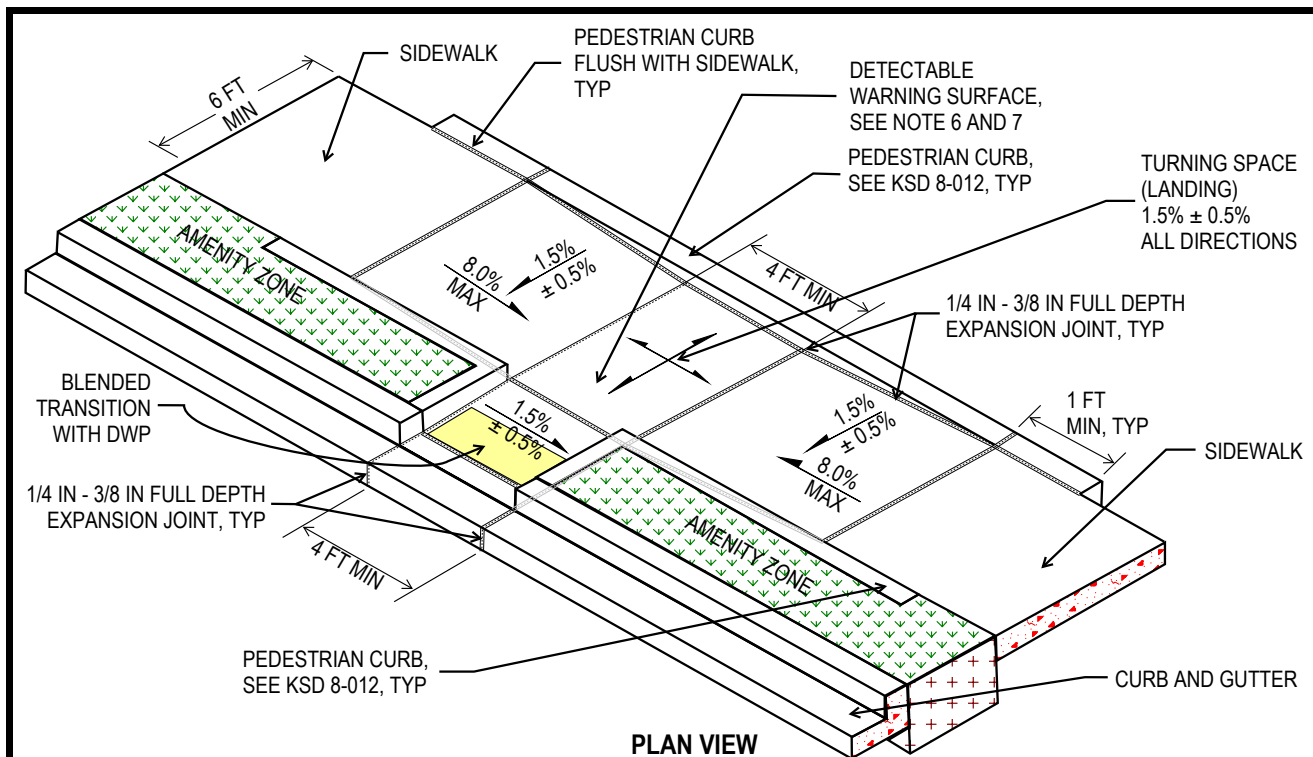
Date: 02/12/2021

**CURB RAMP CROSS SECTION****PLAN VIEW****TURNING SPACE CROSS SECTION****NOTES:**

1. ALLOWABLE SLOPES AND WIDTHS ARE SHOWN. VARIATIONS FROM THE ABOVE STANDARDS MAY BE APPROVED AT THE DISCRETION OF THE CITY ENGINEER.
2. BACKFILL MATERIAL PER WSDOT STANDARD SPECIFICATION SECTION 9-03.
3. DEPRESSED CURB MUST BE FLUSH WITH ADJACENT GUTTER AND CURB RAMP $\pm 1/8$ IN.
4. ALL CONCRETE PANELS SHALL BE FLUSH WITH ADJACENT CONCRETE PANELS WITH NO GREATER THAN $1/8$ IN VERTICAL DIFFERENCE.
5. SEE KSD 4-001 FOR ADDITIONAL CURB RAMP PLACEMENT REQUIREMENTS.
6. DETECTABLE WARNING PATTERN (DWP) SHALL BE FLUSH WITH SURROUNDING RAMP AND DEPRESSED CURB $\pm 1/8$ IN. DWP AND GRADE BREAKS SHALL BE PERPENDICULAR TO DIRECTION OF PEDESTRIAN TRAVEL. DWP SHALL BE WITHIN 5 FEET OF CURB.
7. DWP SHALL BE COMPLIANT WITH ADA GUIDELINES AND BE COMPOSED OF POLYMER MATERIAL ONLY. COLOR SHALL BE YELLOW MATCHING FEDERAL STANDARD 595 COLOR NUMBER 33538. COLOR SHALL BE THROUGHOUT (SURFACE COATINGS ONLY NOT ALLOWED). DWP SHALL BE CAST IN PLACE, SURFACE MOUNT DWP ARE NOT ALLOWED.
8. CATCH BASINS AND INLETS SHALL BE INSTALLED A MINIMUM OF 1 FOOT UPSTREAM FROM THE BASE OF ANY CURB RAMP.
9. RAMP AND TURNING SPACE SHALL NOT HAVE ANY EXPANSION JOINTS EXCEPT ALONG BORDERS.

**CITY OF KENMORE**ENGINEERING DEPARTMENT
(425) 398-8900**PARALLEL CURB RAMP****FIGURE 8-003****NOT TO SCALE**

Date: 02/16/2021



TURNING SPACE/TRANSITION RAMP CROSS SECTION

NOTES:

1. ALLOWABLE SLOPES AND WIDTHS ARE SHOWN. VARIATIONS FROM THE ABOVE STANDARDS MAY BE APPROVED AT THE DISCRETION OF THE CITY ENGINEER.
2. BACKFILL MATERIAL PER WSDOT STANDARD SPECIFICATION SECTION 9-03.
3. DEPRESSED CURB MUST BE FLUSH WITH ADJACENT GUTTER AND CURB RAMP $\pm 1/8$ IN.
4. ALL CONCRETE PANELS SHALL BE FLUSH WITH ADJACENT CONCRETE PANELS WITH NO GREATER THAN $1/8$ IN VERTICAL DIFFERENCE.
5. SEE KSD 4-001 FOR ADDITIONAL CURB RAMP PLACEMENT REQUIREMENTS.
6. DETECTABLE WARNING PATTERN (DWP) SHALL BE FLUSH WITH SURROUNDING RAMP AND DEPRESSED CURB $\pm 1/8$ IN. DWP AND GRADE BREAKS SHALL BE PERPENDICULAR TO DIRECTION OF PEDESTRIAN TRAVEL. DWP SHALL BE WITHIN 5 FEET OF CURB.
7. DWP SHALL BE COMPLIANT WITH ADA GUIDELINES AND BE COMPOSED OF POLYMER MATERIAL ONLY. COLOR SHALL BE YELLOW MATCHING FEDERAL STANDARD 595 COLOR NUMBER 33538. COLOR SHALL BE THROUGHOUT (SURFACE COATINGS ONLY NOT ALLOWED). DWP SHALL BE CAST IN PLACE, SURFACE MOUNT DWP ARE NOT ALLOWED.
8. CATCH BASINS AND INLETS SHALL BE INSTALLED A MINIMUM OF 1 FOOT UPSTREAM FROM THE BASE OF ANY CURB RAMP.
9. RAMP AND TURNING SPACE SHALL NOT HAVE ANY EXPANSION JOINTS EXCEPT ALONG BORDERS.



CITY OF KENMORE

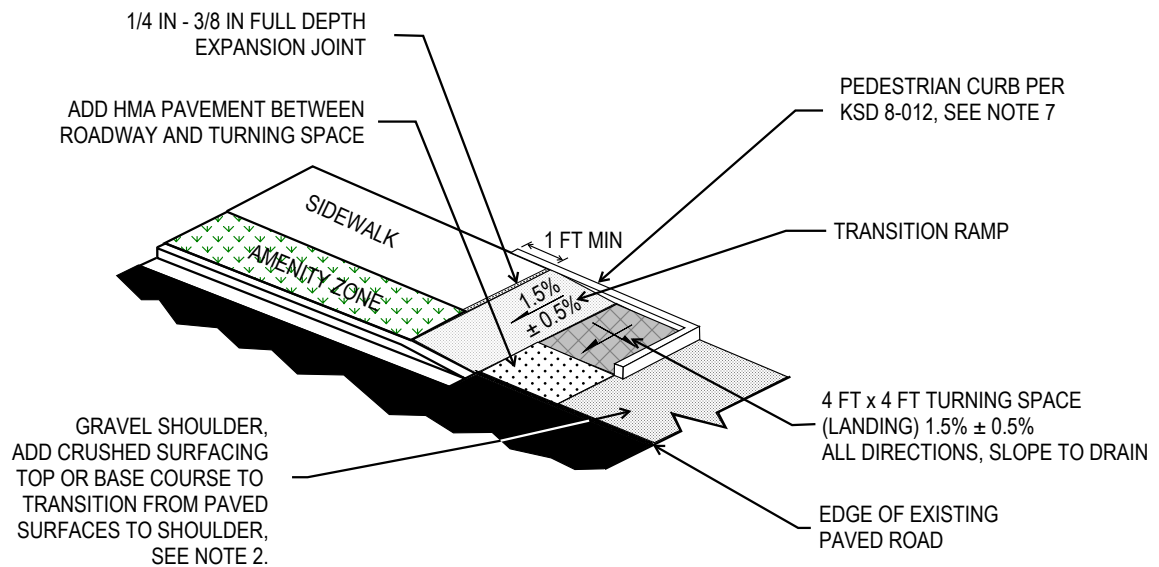
ENGINEERING DEPARTMENT
(425) 398-8900



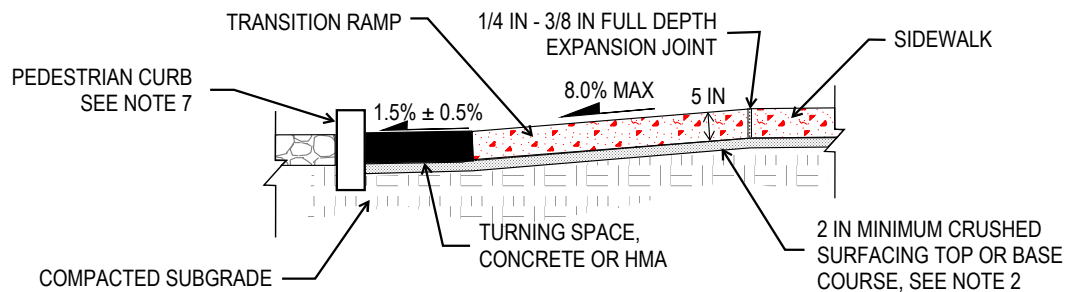
**COMBINATION
CURB RAMP**

**FIGURE 8-004
NOT TO SCALE**

Date: 02/16/2021



PLAN VIEW



RAMP CROSS SECTION

NOTES:

1. ALLOWABLE SLOPES AND WIDTHS ARE SHOWN. VARIATIONS FROM THE ABOVE STANDARDS MAY BE APPROVED AT THE DISCRETION OF THE CITY ENGINEER.
2. BACKFILL MATERIAL PER WSDOT STANDARD SPECIFICATION SECTION 9-03.
3. DEPRESSED CURB MUST BE FLUSH WITH ADJACENT GUTTER AND CURB RAMP $\pm 1/8$ IN.
4. ALL CONCRETE PANELS SHALL BE FLUSH WITH ADJACENT CONCRETE PANELS WITH NO GREATER THAN $1/8$ IN VERTICAL DIFFERENCE.
5. CATCH BASINS AND INLETS SHALL BE INSTALLED A MINIMUM OF 1 FOOT UPSTREAM FROM THE CURB TRANSITION.
6. RAMP AND TURNING SPACE SHALL NOT HAVE ANY EXPANSION JOINTS EXCEPT ALONG BORDERS.
7. PEDESTRIAN CURB REQUIRED FOR ALL RAMPS ADJACENT TO SLOPES STEEPER THAN 4H:1V THAT ARE WITHIN 2 FEET OF THE EDGE OF TURNING SPACE.



CITY OF KENMORE

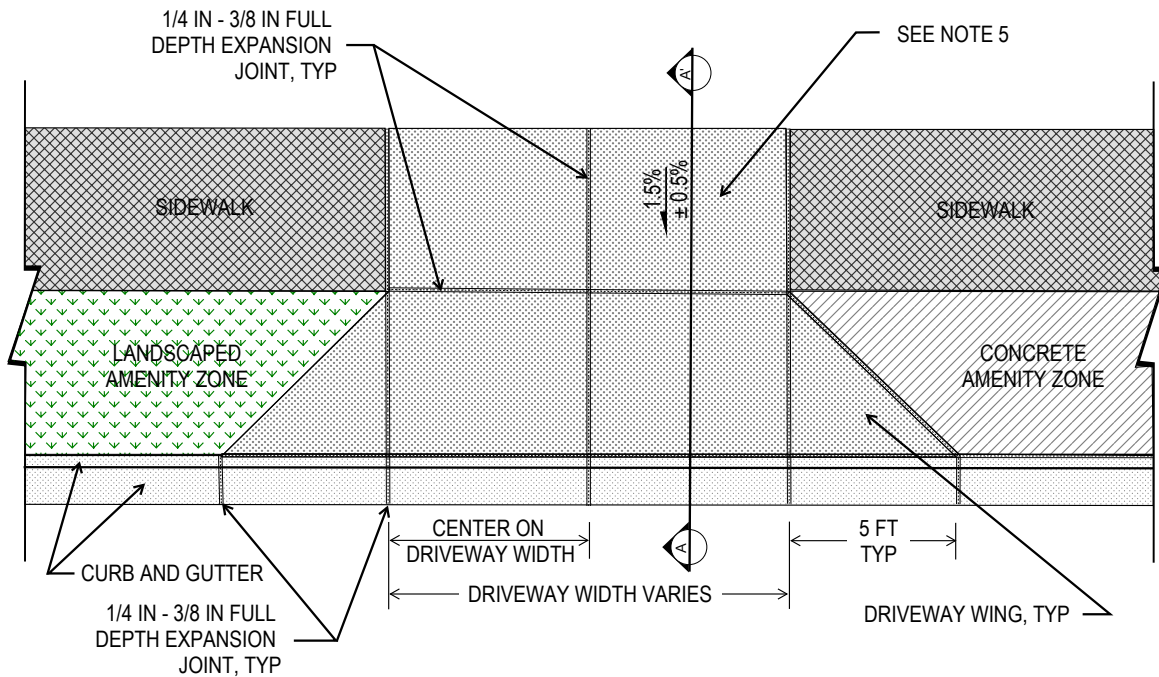
ENGINEERING DEPARTMENT
(425) 398-8900



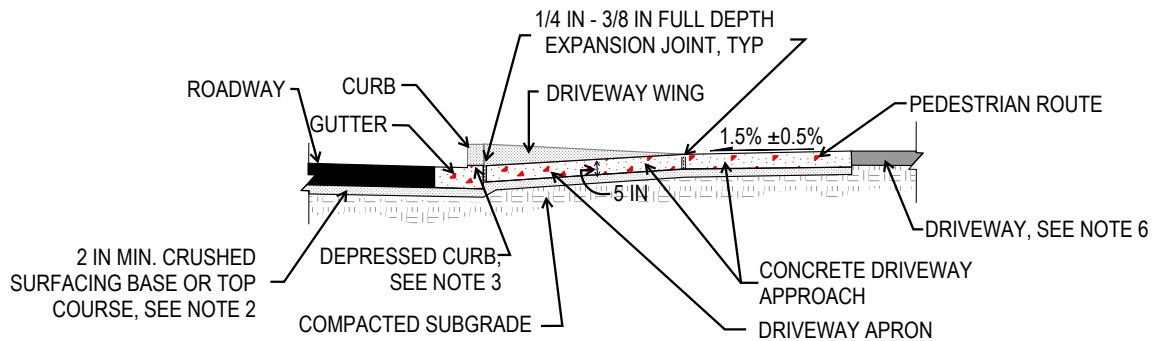
**TRANSITION RAMP
TO SHOULDER**

**FIGURE 8-005
NOT TO SCALE**

Date: 02/19/2021



PLAN VIEW



SECTION A-A'

NOTES:

1. ALLOWABLE SLOPES AND WIDTHS ARE SHOWN. VARIATIONS FROM THE ABOVE STANDARDS MAY BE APPROVED AT THE DISCRETION OF THE CITY ENGINEER.
2. BACKFILL MATERIAL PER WSDOT STANDARD SPECIFICATION SECTION 9-03.
3. DEPRESSED CURB TO BE BETWEEN ½ IN AND 1 IN HIGH.
4. ALL CONCRETE PANELS SHALL BE FLUSH WITH ADJACENT CONCRETE PANELS WITH NO GREATER THAN 1/8 IN VERTICAL DIFFERENCE.
5. SEE KSD 8-001 (SIDEWALKS) FOR LOCATIONS OF DUMMY JOINTS AND ADDITIONAL EXPANSION JOINTS IN SIDEWALK IN DRIVEWAY APPROACH. JOINTS IN DRIVEWAY APRON TO MATCH THAT OF ADJACENT PEDESTRIAN ROUTE
6. FOR CONCRETE DRIVEWAYS, INSTALL 1/4 IN TO 3/8 IN FULL DEPTH EXPANSION JOINTS BETWEEN DRIVEWAY AND BACK OF DRIVEWAY APPROACH AND AT THE RIGHT OF WAY LINE.
7. SEE KSD 8-009 (CURBS) FOR CURB AND GUTTER REQUIREMENTS



CITY OF KENMORE

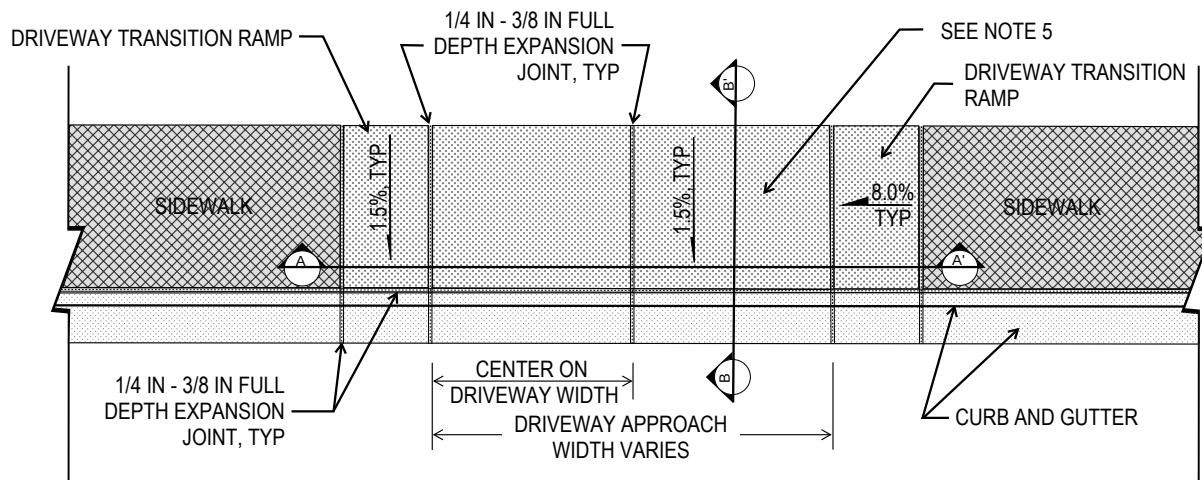
ENGINEERING DEPARTMENT
(425) 398-8900



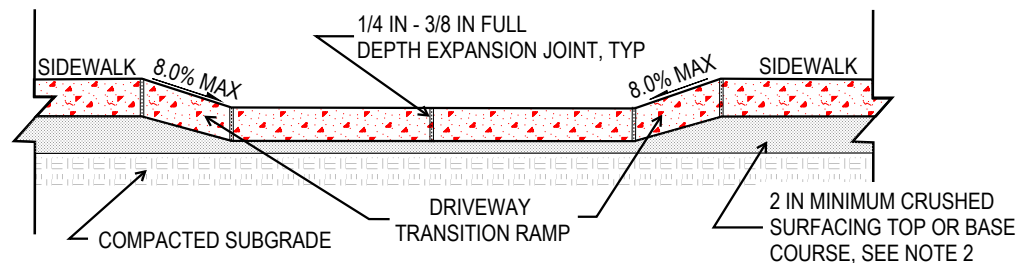
**DRIVEWAY APPROACH
TYPE 1**

**FIGURE 8-006
NOT TO SCALE**

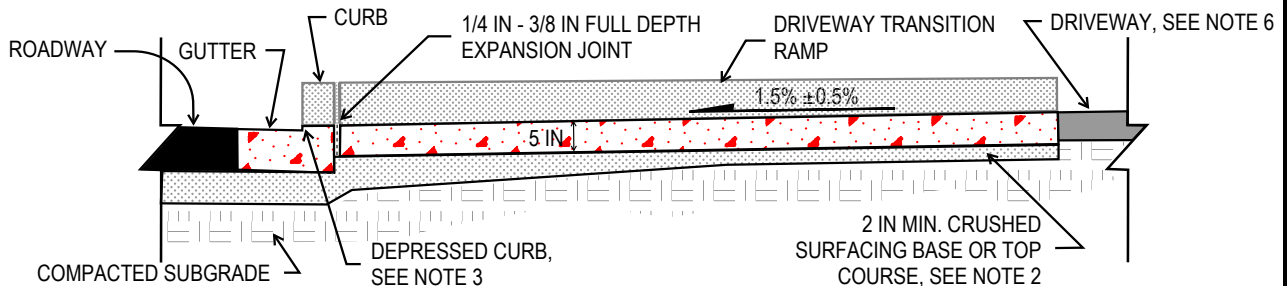
Date: 02/22/2021



PLAN VIEW



SECTION A-A'



SECTION B-B'

NOTES:

1. ALLOWABLE SLOPES AND WIDTHS ARE SHOWN. VARIATIONS FROM THE ABOVE STANDARDS MAY BE APPROVED AT THE DISCRETION OF THE CITY ENGINEER.
2. BACKFILL MATERIAL PER WSDOT STANDARD SPECIFICATION SECTION 9-03.
3. DEPRESSED CURB TO BE BETWEEN 1/2 IN AND 1 IN HIGH.
4. ALL CONCRETE PANELS SHALL BE FLUSH WITH ADJACENT CONCRETE PANELS WITH NO GREATER THAN 1/8 IN VERTICAL DIFFERENCE.
5. SEE KSD 8-001 (SIDEWALKS) FOR LOCATIONS OF DUMMY JOINTS AND ADDITIONAL EXPANSION JOINTS IN DRIVEWAY APPROACH.
6. FOR CONCRETE DRIVEWAYS, INSTALL 1/4 IN TO 3/8 IN FULL DEPTH EXPANSION JOINTS BETWEEN DRIVEWAY AND BACK OF DRIVEWAY APPROACH AND AT THE RIGHT OF WAY LINE.
7. SEE KSD 8-009 (CURBS) FOR CURB AND GUTTER REQUIREMENTS



CITY OF KENMORE

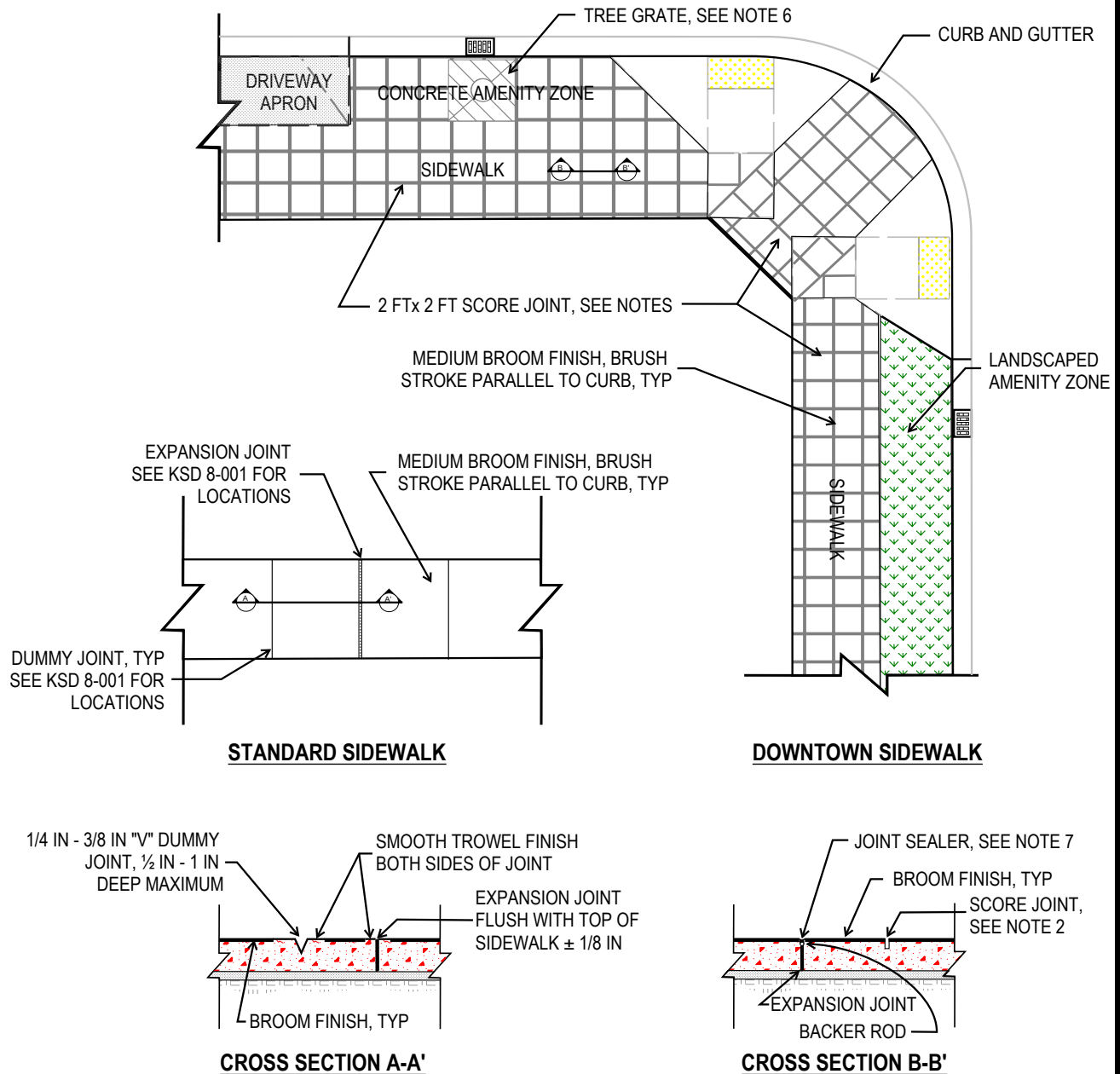
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**DRIVEWAY APPROACH
TYPE 2**

**FIGURE 8-007
NOT TO SCALE**

Date: 02/25/2021

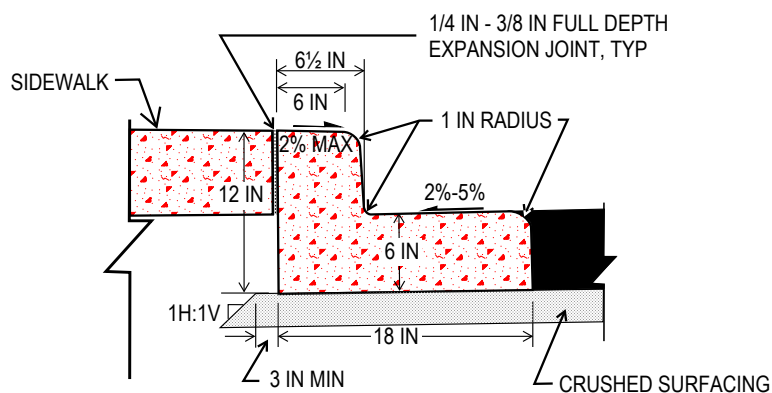


NOTES:

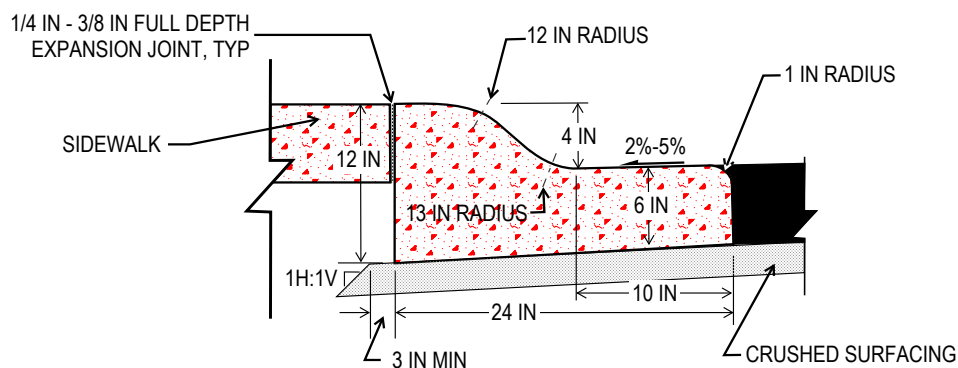
1. SEE ROAD STANDARDS SECTION 2.08 FOR DOWNTOWN SIDEWALK LOCATIONS.
2. SCORE PATTERN SHALL BE SAW CUT AFTER CONCRETE HAS CURED SUFFICIENTLY TO PREVENT CHIPPING, CRACKING, OR OTHER DAMAGE TO THE SIDEWALK. JOINTS SHALL HAVE CLEAN EDGES. INTERSECTION POINTS SHALL BE SQUARE AND ALL EDGES SHALL BE CLEAN. JOINTS SHALL BE 1/4 IN - 3/8 IN WIDE AND BETWEEN 1/4 IN AND 3/8 IN DEEP. SCORE JOINT WIDTH SHALL MATCH EXISTING.
3. SCORE JOINTS SHALL BE PERPENDICULAR/PARALLEL TO CURB LINE.
4. INSTALL 1/4 IN - 3/8 IN FULL DEPTH EXPANSION JOINTS IN LIEU OF SCORE JOINT PER KSD 8.001.
5. ANY REMAINDER WIDTH SHALL BE PLACED AT BACK OF SIDEWALK OR AT DRIVEWAYS, CENTER OF BLOCK, OR AT FURTHEST DISTANCE FROM ANY CURB RAMP. SCORE AREA MAY BE REDUCED AT RADIUS LOCATIONS.
6. ALIGN PLACEMENT OF TREE GRATES WITH SCORE PATTERN WHERE POSSIBLE.
7. TWO COMPONENT POURED RUBBER JOINT SEALER, COLOR TO MATCH SIDEWALK. 1/2 IN DEEP, RECESS SEALER 1/4 IN BELOW FINISHED GRADE OF SIDEWALK.

**CITY OF KENMORE**ENGINEERING DEPARTMENT
(425) 398-8900**SIDEWALK FINISH****FIGURE 8-008****NOT TO SCALE**

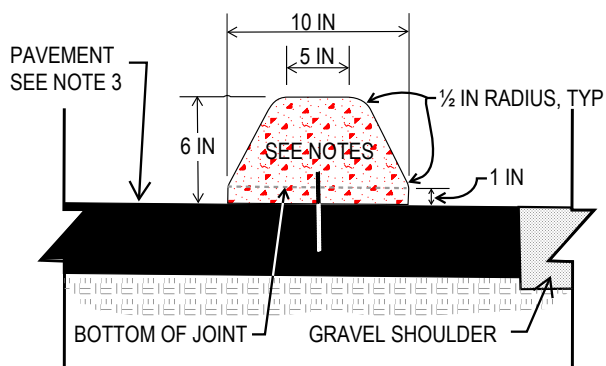
Date: 2/26/2021



VERTICAL CURB



ROLLED CURB



EXTRUDED CURB

NOTES:

1. FULL DEPTH EXPANSION JOINTS PERPENDICULAR TO THE CURB LINE SHALL BE SPACED AT 10 FT ON CENTER IF ADJACENT TO LANDSCAPED AMENITY STRIP. FOR CURB ADJACENT TO CONCRETE, ALIGN EXPANSION JOINTS WITH SIDEWALK
2. BACKFILL MATERIAL PER WSDOT STANDARD SPECIFICATION SECTION 9-03.
3. SLOPE PAVEMENT TO DRAIN. PROVIDE GAPS IN CURB TO ALLOW FOR DRAINAGE AS NEEDED.
4. SLOPE ENDS OF EXTRUDED CURB EQUAL TO SIDE SLOPE.
5. PIN EXTRUDED CURB TO PAVEMENT WITH 6 IN LONG #3 REBAR EMBEDDED 4 INCHES IN PAVEMENT. LOCATE PINS 1 FOOT EITHER SIDE OF JOINTS AND AT ENDS.
6. ADD 5 IN DEEP JOINTS EVERY 10 FT OF EXTRUDED CURB.



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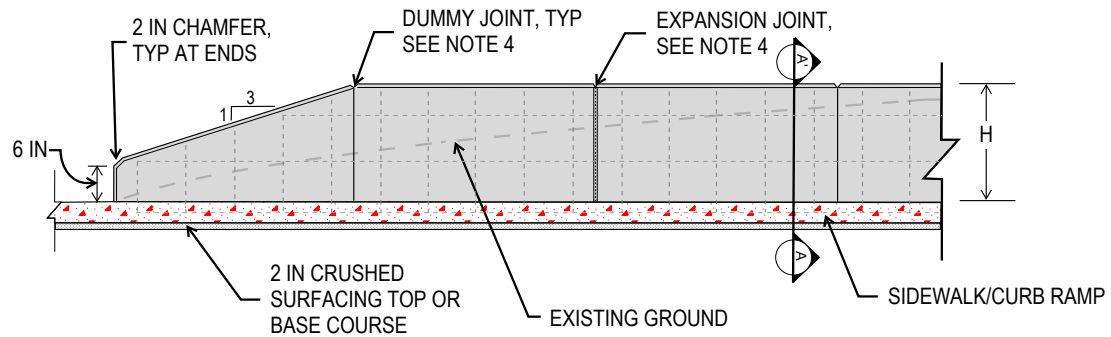


CURBS

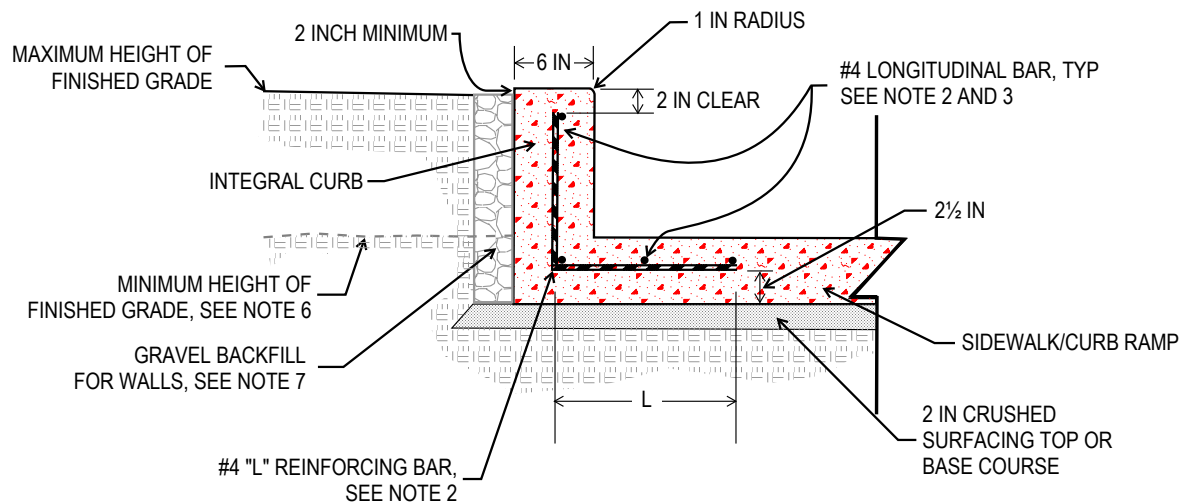
FIGURE 8-009

NOT TO SCALE

Date: 02/26/2021



PROFILE VIEW



CROSS SECTION A-A'

REINFORCING STEEL

INTEGRAL CURB HEIGHT (H)	L	NO. OF LONGITUDINAL BARS	
		SIDEWALK	INT. CURB
6 IN - 12 IN	2 FT	3	1
12 IN - 24 IN	3 FT	4	2

NOTES:

1. CURB TO BE POURED INTEGRAL WITH SIDEWALK
2. SPACE BARS A MAXIMUM OF 1 FOOT ON CENTER.
3. NUMBER OF BARS PER REINFORCING STEEL TABLE. PROVIDE CONTINUOUS REINFORCEMENT WITH A MINIMUM OF 2 FT OVERLAP.
4. BACKFILL MATERIAL PER WSDOT STANDARD SPECIFICATION SECTION 9-03.
5. ALIGN INTEGRAL CURB JOINTS WITH SIDEWALK JOINTS, MATCH SIZE, AND TYPE.
6. THICKENED EDGE SIDEWALK PER KSD 8-011 REQUIRED FOR FINISHED GRADE BELOW TOP OF SIDEWALK FINISH ELEVATION.
7. A WALL DRAIN AND CONNECTION TO THE STORM DRAINAGE SYSTEM REQUIRED FOR SUBGRADE SOIL INFILTRATION RATES LESS THAN 0.6 INCHES PER HOUR. SEE KSD 3-003 FOR DRAIN CONNECTION DETAIL.



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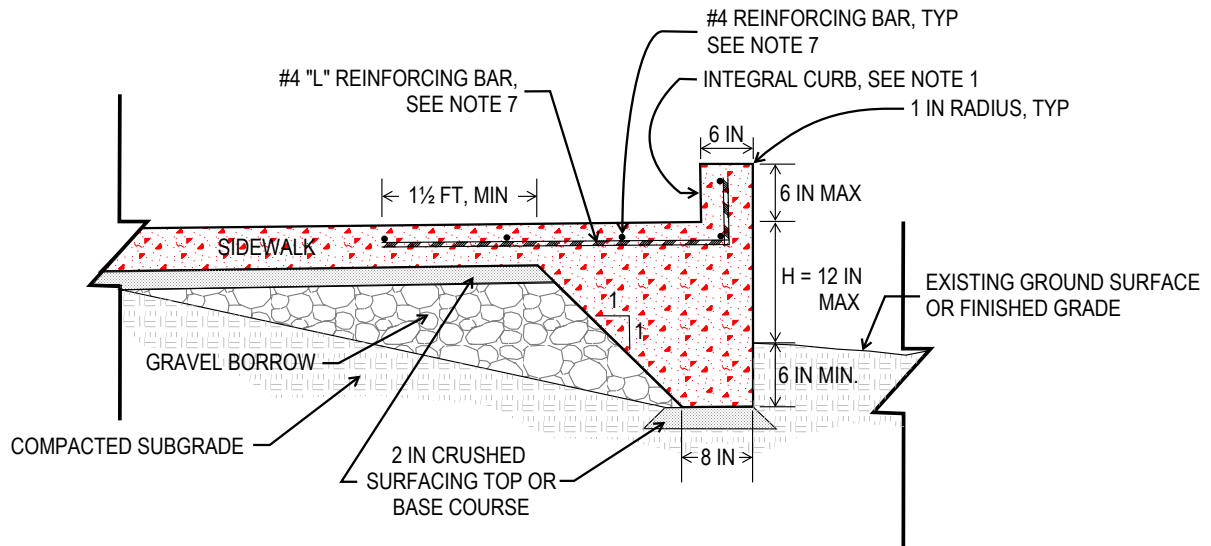


**INTEGRAL CURB
SIDEWALK**

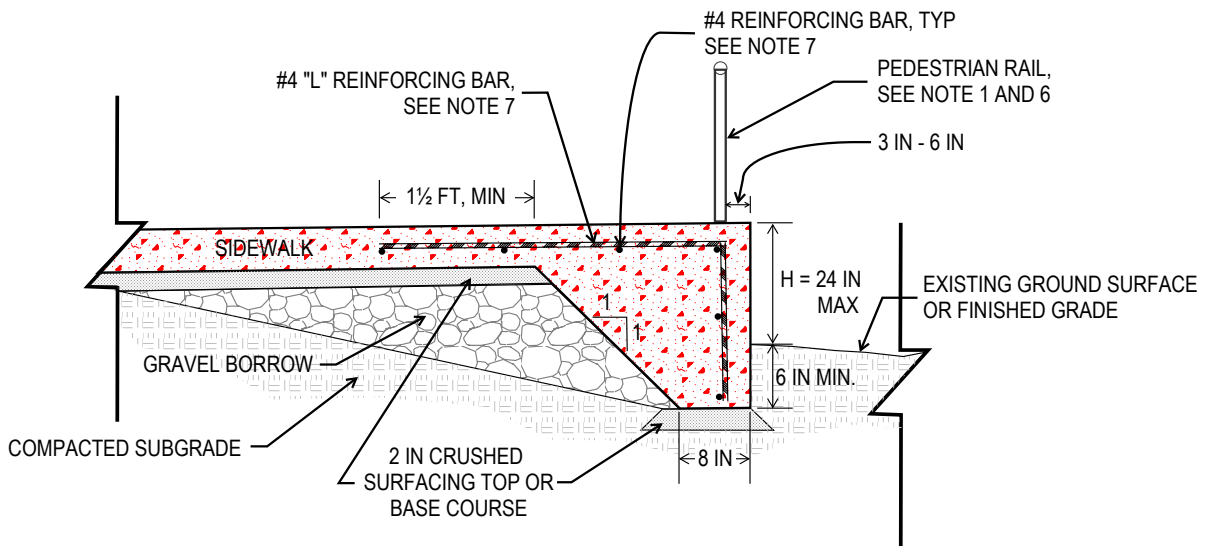
FIGURE 8-010

NOT TO SCALE

Date: 02/26/2021



THICKENED EDGE WITH INTEGRAL CURB



THICKENED EDGE WITH RAIL

NOTES:

1. INTEGRAL CURB MAY BE USED IN LIEU OF PEDESTRIAN RAIL FOR "H" LESS THAN 18 INCHES. CURB TO BE POURED INTEGRAL WITH SIDEWALK.
2. 2 INCHES MINIMUM COVER FOR REINFORCING BAR.
3. BACKFILL MATERIAL PER WSDOT STANDARD SPECIFICATION SECTION 9-03.
4. ALIGN INTEGRAL CURB JOINTS WITH SIDEWALK JOINTS, MATCH SIZE, AND TYPE.
5. CONSTRUCT TAPERED INTEGRAL CURB ENDS AT 1:1 TO MATCH SIDEWALK FINISHED GRADE
6. PEDESTRIAN RAIL PER KSD 6-006.
7. SPACE BARS A MAXIMUM OF 12 INCHES ON CENTER. CONTINUOUS THROUGH EXPANSION JOINTS. 12 INCHES MINIMUM OVERLAP.



CITY OF KENMORE

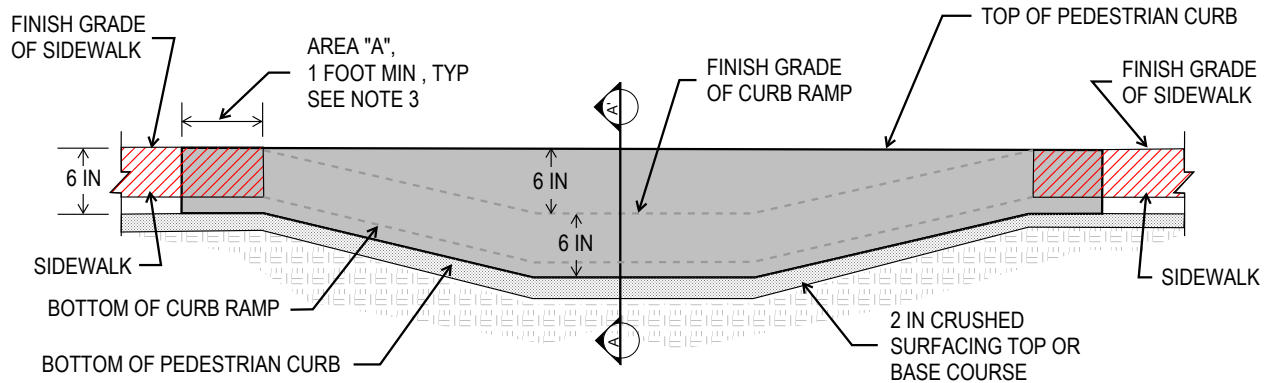
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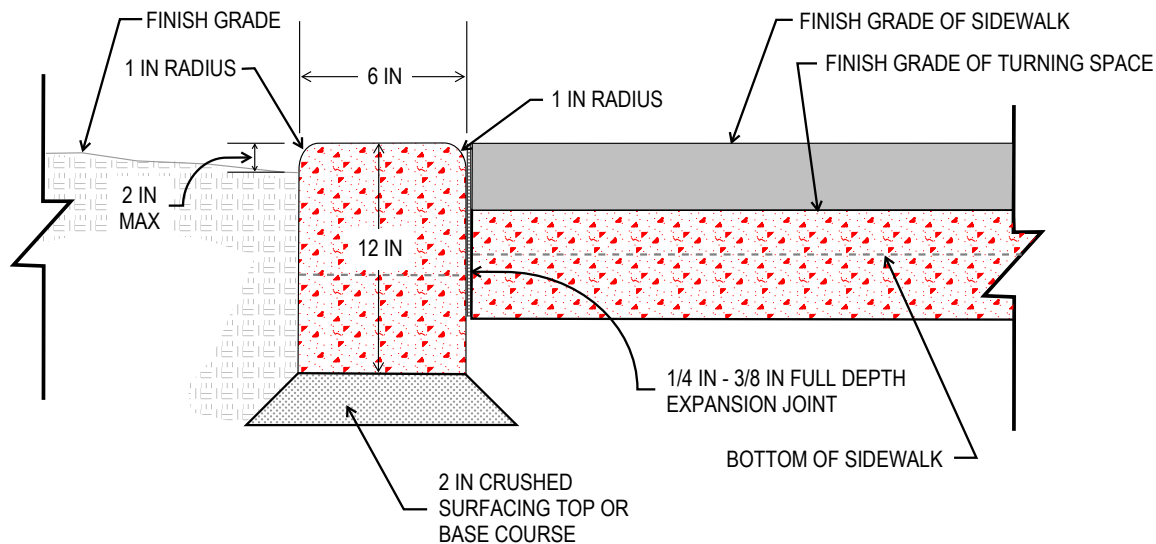
**THICKENED EDGE
SIDEWALK**

**FIGURE 8-011
NOT TO SCALE**

Date: 2/26/2021



PEDESTRIAN CURB PROFILE



CROSS SECTION A-A'

NOTES:

1. FULL DEPTH EXPANSION JOINT BETWEEN SIDEWALK/CURB RAMP AND PEDESTRIAN CURB, FULL LENGTH OF CURB
2. BACKFILL MATERIAL PER WSDOT STANDARD SPECIFICATION SECTION 9-03.
3. PEDESTRIAN CURB TO BE FLUSH WITH TOP OF SIDEWALK IN AREA "A"
4. PEDESTRIAN CURB MAY ONLY BE USED WHERE BACK OF CURB IS BACKFILLED WITHIN 6 INCHES TO TOP OF CURB. INTEGRAL CURB WALL PER KSD 8-010 SHALL BE USED FOR DEPTHS GREATER THAN 6 INCHES
5. FOR PEDESTRIAN CURB AT SIDEWALK SIDE SLOPES, PEDESTRIAN CURB SHALL BE POSITIONED TO PROVIDE A 6 INCH CURB HEIGHT ABOVE THE SIDEWALK.



CITY OF KENMORE

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(425) 398-8900



PEDESTRIAN CURB

FIGURE 8-012

NOT TO SCALE

Date: 02/26/2021



APPENDIX F

SURFACE WATER MANUAL ADDENDUM

CITY OF KENMORE SURFACE WATER DESIGN MANUAL ADDENDUM

General Introduction

The City of Kenmore adopted the 2016 King County Surface Water Design Manual (2016 KCSWDM) to be in compliance with the Washington State Department of Ecology Phase II Municipal Stormwater permit. This Addendum to the 2016 KCSWDM defines how the requirements of the KCSWDM are to be implemented within the City of Kenmore. The Addendum specifies all changes, additions, and deletions to the 2016 KCSWDM to make it appropriate for use within the City of Kenmore. The 2016 KCSWDM along with this Addendum define the drainage requirements for development and redevelopment projects within the City.

Purpose of and Need for the Addendum

The City has been issued a Phase II Municipal Stormwater Permit (Permit). The Permit was issued under the National Pollutant Discharge System (NPDES), as administered by the Washington State Department of Ecology (Ecology) within Washington State. The Permit specifies minimum requirements and technical thresholds for stormwater mitigation needed for construction sites, new developments, and redevelopments.

The City of Kenmore has previously relied upon the earlier versions of the KCSWDM to guide stormwater standards within the City. King County recently updated its manual to be consistent with the 2012 Ecology manual. Ecology has deemed the 2016 KCSWDM and associated requirements to be equivalent to the 2012 Ecology Manual. By adopting the 2016 KCSWDM and addressing the associated requirements, the City will be in compliance with the NPDES requirements that rely on the Ecology manual or approved equivalent.

The purpose of this Addendum is to tailor the 2016 KCSWDM to meet the unique conditions within the City, and be consistent with the City's codes, organization and processes. No substantive changes have been made to the 2016 KCSWDM in order to maintain equivalency in requirements and the level of protection provided by the 2016 KCSWDM.

Relationship of the KCSWDM and the City of Kenmore Development Code to Low Impact Development (LID)

The City of Kenmore adopted code amendments that minimize the loss of native vegetation and reduce runoff from developed sites. The 2016 KCSWDM requires on site flow control best management practices (BMPs) to mitigate the impacts of storm and surface water runoff generated by new impervious surfaces, new pervious surfaces, existing impervious surfaces, and replaced impervious surfaces. Flow control BMPs are methods to disperse, infiltrate, or otherwise reduce or prevent development related increases in runoff at or near the sources of

those increases. The 2016 KCSWDM provides specific design guidance for implementation of the LID measures encouraged in the City's development code. As a result, the 2016 KCSWDM and the City of Kenmore development code complement each other.

How to Use this Document

This Addendum shall be used in coordination with the 2016 KCSWDM for the following:

- To translate specific wording or reference from King County to the City.
- To cross-reference City ordinances and City maps in lieu of King County ordinances and maps.
- To provide a linkage or reference to other City requirements such as more restrictive requirements outlined in basin plans and the City's Critical Areas Ordinances.
- To provide exceptions and additions to the KCSWDM.

The 2016 KCSWDM shall be used in its entirety except as directed in this Addendum. Exceptions and additions to the 2016 KCSWDM are organized and referenced by chapter and section in the same manner as the 2016 KCSWDM. Some global changes are provided in this preface, which shall be applied throughout the entire 2016 KCSWDM. The user shall override the maps and references to other documents as indicated within this Addendum.

Addendum Organization

The information presented in this Addendum is organized as follows:

- **Preface:** This preface provides instructions for using the City of Kenmore's Addendum to the 2016 KCSWDM. It also defines terms in the 2016 KCSWDM that are used differently for the City of Kenmore; City departments that are equivalent to county departments referred to in the 2016 KCSWDM; and designations from the 2016 KCSWDM that do not apply to proposals in the City of Kenmore.
- **Chapter 1 – Drainage Review and Requirements:** The City of Kenmore has made several changes to Chapter 1 of the 2016 KCSWDM. This Addendum provides replacement and supplemental text for specific sections of Chapter 1. Apart from these changes, the King County version of Chapter 1 applies to proposals in the City of Kenmore.
- **Chapter 2 – Drainage Plan Submittal:** The City of Kenmore has made minor changes to Chapter 2 of the 2016 KCSWDM. Section 2.4.2 has been modified to include an additional requirement for the inspection of installed LID BMPs. The King County version of Chapter 2 applies to proposals in the City of Kenmore, except that the applicant shall refer to the City of Kenmore documents for technical submittal requirements, project plan requirements, and as-built requirements.

- **Chapter 3 – Hydrologic Analysis and Design:** The City of Kenmore has made no changes to Chapter 3 of the 2016 KCSWDM. The King County version of Chapter 3 applies to proposals in the City of Kenmore.
- **Chapter 4 – Conveyance System Analysis and Design:** The City of Kenmore has made minor changes to Chapter 4 of the 2016 KCSWDM. More stringent requirements for allowable pipe materials, deflection, maximum distance between structures, and other requirements are listed in the City of Kenmore Addendum. Apart from these changes, the King County version of Chapter 4 applies to proposals in the City of Kenmore.
- **Chapter 5 – Flow Control Design:** The City of Kenmore has made very minor changes to Chapter 5 of the 2016 KCSWDM. This addendum to Chapter 5 provides replacement text for the sections that are changed. Apart from these changes, the King County version of Chapter 5 applies to proposals in the City of Kenmore.

The City of Kenmore has adopted a Low Impact Development Ordinance that encourages the use of LID site planning techniques within the City. LID site planning techniques can help to reduce the size of flow control facilities required in the 2016 KCSWDM.

- **Chapter 6 – Water Quality Design:** The City of Kenmore has made minor changes to Chapter 6 of the 2016 KCSWDM. This addendum to Chapter 6 provides replacement text for the sections that are changed. Apart from these changes, the King County version of Chapter 6 applies to proposals in the City of Kenmore.

The City of Kenmore amends Chapter 6 of the 2016 KCSWDM to allow for bioretention to be utilized as a pretreatment facility.

- **Definitions:** The City of Kenmore has made changes to the definitions section of the 2016 KCSWDM. This Addendum to the Definitions section provides replacement text for the definitions that are changed. Apart from these changes, the King County version of the Definitions Section applies to proposals in the City of Kenmore.
- **Appendices:** Appendices A, C, and D apply to proposals in the City of Kenmore, Appendix B does not apply.
- **References:** King County Reference sections 1, 2, 3, 4A, 4B, 7, 8 and 10 do not apply to the City of Kenmore. King County Reference section 8 has been replaced by a City of Kenmore Reference section 8. The King County version of Reference section 4C, 4D, 5, 6, 9, 11 and 14 apply to proposals in the City of Kenmore.

City Equivalents for County Agencies

Unless the context requires otherwise, any reference to “County”, “King County”, or county department, shall refer to the City of Kenmore and any reference to county staff shall refer to the City Manager or designee, unless referring to a specific department.

City Equivalents for County Ordinances

For proposals in the City of Kenmore, all reference in the KCSWDM to the following ordinances or municipal codes shall be replaced by reference as indicated in the following table.

King County	Description	Kenmore Municipal	Description
KCC 16.82	Clearing and Grading	Chapter 15.25 KMC	Land Alterations
KCC 21A.14	Development Standards Design Requirements	Chapters 18.21 – 18.29 KMC	Development Standards included within each zoning classification
KCC 21A.24	Critical Areas	Chapter 18.55 KMC	Critical Areas
KCC 21A.06	Technical Terms and Land Use Definitions	Chapter 18.20 KMC	Technical Terms and Land Use Definitions
KCC 20.14	Basin Plans		Surface Water Master Plan (2015)
KCC 9	Surface Water Management	Chapter KMC 13.35	Surface Water Management Policy

City Equivalents for Critical Areas

In general, references to the King County Critical Areas Ordinance (KCC 21A) are to be replaced by reference to the Kenmore Municipal Code (Chapter 18.55 KMC), Critical Areas. Definitions for critical areas and terminology may be found in Chapter 18.20 KMC. Additional details and development standards for critical areas can be found in Chapter 18.55 KMC.

City Equivalents for County Maps

For proposals in the City of Kenmore, all reference in the 2016 KCSWDM to the following maps shall be replaced by reference as indicated in the following table.

King County Map or Designation	City of Kenmore Map
Flow Control Applications Map	The King County Flow Control Applications Map included with the KCSWDM shall not be applied in the City of Kenmore. The Swamp Creek basin is a flood problem flow control area (level 3) and the remainder of the City of Kenmore is a conservation flow control area (level two) except for project sites with identified downstream flooding problems that may require a higher level of flow control for impact mitigation.
Water Quality Applications Map	The King County Water Quality Applications Map included with the KCSWDM shall not be applied in the City of Kenmore. All of the City of Kenmore is a basic water quality treatment area unless the proposed land use triggers enhanced basic water quality treatment.
Erosion Hazard Near Sensitive Water Bodies Map in KCC 21A.38.210	The King County Erosion Hazard Near Sensitive Water Bodies mapping included with the KCSWDM shall not apply in the City of Kenmore.
Flood Hazard Area as defined in KCC 21A.06	The King County Flood Hazard Area mapping included with the KCSWDM shall not apply in the City of Kenmore. Flood hazard areas are depicted on the City of Kenmore Critical Areas Mapping: Streams and Wetlands map.
Erosion Hazard Area	The King County Erosion Hazard Area mapping included with the KCSWDM shall not apply in the City of Kenmore. Erosion hazard areas are depicted on the City of Kenmore Critical Areas Mapping: Geological Hazard Areas map.
Landslide Hazard Area	The King County Landslide Hazard Area mapping included with the KCSWDM shall not apply in the City of Kenmore. Landslide hazard areas are depicted on the City of Kenmore Critical Areas Mapping: Geological Hazard Areas map [KMC 13.32.390].

City Equivalents for County Plans or Studies

In general, references to county-approved plans or studies in the 2016 KCSWDM are to be replaced by reference to appropriate City-approved plans or studies. If comparable City-approved plans or studies do not exist, then references to County-approved plans or studies shall be retained for proposals in the City of Kenmore.

County Designations that do not Apply in the City

The following designations are used in the 2016 KCSWDM but are not currently used in the City

of Kenmore; any reference in the 2016 KCSWDM to the existence of areas with these designation or thresholds or requirements for such areas is to be disregarded for proposals in the City of Kenmore:

- **Agricultural Project**
- **Forest Production Zone Area**
- **Master Drainage Plans (MDPs)**
- **Rural Residential Development**
- **Sensitive Area Folio** - refer to City of Kenmore Critical Areas Maps
- **Stormwater Compliance Plans (SWCPs)**
- **Urban Planned Development**
- **Zoning Classifications:** The 2016 KCSWDM references to Agricultural (A) Zoning, Forest (F) Zoning, or Rural (R) Zoning are intended for areas outside of the Urban Growth Boundary; therefore, the City of Kenmore contains no equivalent zoning. Project proponents should refer to City zoning maps to determine which zoning classifications apply to their projects.

CHAPTER 1 – Drainage Review and Requirements

The City of Kenmore has made several minor changes to Chapter 1 of the 2016 KCSWDM. This chapter provides replacement and supplemental text for specific sections of Chapter 1. Apart from these changes, the King County version of Chapter 1 applies for proposals in the City of Kenmore. The City's changes to the County document are as follows:

- **Key Terms and Definitions (page 1-1 of the 2016 KCSWDM)** — Replace all references to KCC 21A with Chapter 18.20 KMC. In addition, the following changes to specific terms apply:

Term (page)	Action
Critical Drainage Area (p 1-2)	<i>Replace as follows per Section 13.35.040 KMC:</i> Critical drainage areas are sites where the city manager has determined that the existing flooding, drainage and/or erosion conditions present an imminent likelihood of harm to the welfare and safety of the surrounding community shall meet special drainage requirements set by the city manager until such time as the community hazard is alleviated. Critical drainage areas are regulated in Section 13.35.040 KMC Critical drainage and/or erosion areas.
Erosion hazard area (p 1-3)	<i>Replace as follows per Section 18.20.940 KMC:</i> Erosion hazard areas are those areas identified by the United States Department of Agriculture Natural Resources Conservation Service or identified by a special study as having a "moderate to severe" or "very severe" erosion potential. Erosion hazard areas are defined in Section 18.20.940 KMC Erosion hazard areas and regulated under Section 18.55.600 KMC through Section 18.55.650 KMC.
Flood Hazard Area (p 1-3)	<i>Replace as follows per Section 18.20.1070 KMC:</i> Flood hazard areas are those areas in the City subject to inundation by the base flood and those areas subject to risk from channel relocation or stream meander including, but not limited to, streams, lakes, wetlands and closed depressions. Flood hazard areas are regulated in Section 18.55.700 KMC through Section 18.55.750 KMC.

Term (page)	Action
Landslide Hazard Area (p 1-5)	<i>Replace as follows per Section 18.55.1570 KMC:</i> Landslide hazard areas are areas that are potentially subject to risk of mass movement resulting from a combination of geologic, topographic, and hydrologic factors including: bedrock, soil, slope gradient, slope aspect, geologic structure, ground water, or other factors. [Ord. 11-0329 § 3 (Exh. 1).] Landslide hazard areas are regulated in Section 18.55.600 KMC through Section 18.55.650 KMC.

- **SECTION 1.1.1 PROJECTS REQUIRING DRAINAGE REVIEW (page 1-12 of the 2016 KCSWDM)**
Replace the “King County Permits and Approvals” table with the following table and replace the text in numbers 1 and 4 with:

1. The project adds or will result in either: 500 square feet or more of new impervious surface or 2,000 square feet or more of replaced impervious surface, or new plus replaced impervious surface, or (if subsection 1.1.1(1) is not met, see conditions set forth in subsections 1.1.1(2) through (7) of the Surface Water Design Manual, to determine if design review is required).
4. The project contains or is adjacent to a flood hazard area as defined in *Section 18.20.1070 KMC*, OR

Add the following as a new number 7:

7. Is a redevelopment project on a site where the total of new plus replaced impervious surface is 5,000 square feet or more, and whose valuation of proposed improvements – including interior improvements and excluding required mitigation and frontage improvements – exceeds 50 percent of the assessed value of the existing site improvements.
- **Section 1.1.2.1 PROJECTS REQUIRING DRAINAGE REVIEW (page 1-16 of the 2016 KCSWDM)**
Replace the “Threshold” text of KCSWDM 1.1.2.1 is revised so that the minimum threshold for projects eligible for Simplified Drainage Review shall be 500 square feet.

The remaining text and threshold requirements of KCSWDM 1.1.2.1, Simplified Project Drainage Review, shall apply within the City of Kenmore.

City of Kenmore Permits and Approvals	
• Administrative use permit • Amend adopted P-suffix conditions • Binding site plan • Boundary line adjustment • Building permit • Grading permit • Conditional use permit • Master plan development permit • Planned unit development	• Reasonable use exception • Right-of-way permit • Short plat • Short plat alteration • Site plan review • Subdivision • Subdivision alteration • Unclassified use permit • Variance

- **Section 1.2 CORE REQUIREMENTS, Section 1.2.2.1.2 Downstream Water Quality Problems Requiring Special Attention (page 1-30 of the 2016 KCSWDM)** — The following supplemental information is added to this section:

The 2016 KCSWDM recognizes water quality problems requiring special mitigation measures to protect receiving waters. A water quality problem is defined as a problem documented by the state to exceed the state's numeric water quality standard. The 2016 KCSWDM references Category 2, 4, and 5 water quality problems as requiring special attention. Within the City of Kenmore, the following water quality problems are currently listed by the Department of Ecology, based on the 2015 Water Quality Assessment, approved by the U.S. Environmental Protection Agency on July 22, 2016. The latest designated impaired waterbodies can be viewed at:

<http://www.ecy.wa.gov/programs/Wq/303d/currentassessmt.html>

Impaired Water Body	Parameter	Category*
Sammamish River	Bacteria, Dissolved Oxygen, and Temperature	5
Swamp Creek	Temperature, Bioassessment, and Dissolved Oxygen	5
Swamp Creek	Mercury	2
Swamp Creek	Bacteria	4a
Unnamed creek (Trib to Swamp Creek)	Bioassessment, Dissolved Oxygen, and Temperature	5
Unnamed creek (Trib to Swamp Creek)	Bacteria	4a

Impaired Water Body	Parameter	Category*
Lake Washington	Polychlorinated Biphenyls (PCBs) and Total Phosphorus	5

* *Definition of Categories for impaired waterbodies:*

- o *Category 2: Waters of concern, some evidence of water quality problem.*
- o *Category 4a: Water bodies that have an approved TMDL in place and are actively being implemented.*
- o *Category 5: Polluted waters, a TMDL plan is required.*

Projects that discharge to the impaired waterbodies identified above may be required to implement special treatment to address the water quality problem in accordance with the requirements outlined in Section 1.2.2.3, Water Quality Problem Impact Mitigation.

The federal Clean Water Act requires that a Total Maximum Daily Load (TMDL) cleanup plan be developed for each of the waterbodies on the state's list of impaired waterbodies, known as the "303(d) list." The TMDL study identifies pollution problems in the watershed, and specifies how much pollution needs to be reduced or eliminated to achieve clean water.

- **SECTION 1.2.3 CORE REQUIREMENT NO. 3: FLOW CONTROL (page 1-38 of the 2016 KCSWDM)**

- The following statement shall be added to the flow control requirement: "infiltration of stormwater runoff shall be used wherever feasible."
- The remaining text of KCSWDM 1.2.3 Core Requirement No. 3: Flow Control, shall apply within the City of Kenmore.

- **Section 1.2.3.1 AREA-SPECIFIC FLOW CONTROL FACILITY REQUIREMENT**

- o Section 1.2.3.1.A (Basic Flow Control Areas) shall not apply within the City of Kenmore.
- o Section 1.2.3.1.B (Conservation Flow Control Areas) shall apply throughout the City of Kenmore, except where the City has determined that Flood Problem Flow Control is needed.
- o Section 1.2.3.1.C (Flood Problem Flow Control Areas) shall apply within the Swamp Creek basin within the City of Kenmore.
- o The "Impervious Surface Percentage Exemption for Agricultural Projects" (KCSWDM 1.2.3.1) is void and shall not apply within the City of Kenmore.
- o Add new sections following IMPERVIOUS SURFACE PERCENTAGE EXEMPTION FOR

AGRICULTURAL PROJECTS (page 1-42 of the 2016 KCSWDM)

- MAINTENANCE EXEMPTIONS

The following pavement maintenance practices are exempt:

- a) Pothole and square cut patching
- b) Overlaying existing asphalt or concrete pavement with asphalt or concrete without expanding the area of coverage (overlaying permeable or pervious pavements with traditional (non-permeable) asphalt or pavement is not considered pavement maintenance)
- c) Shoulder grading
- d) Reshaping/regrading drainage systems
- e) Crack Sealing
- f) Resurfacing with in-kind material without expanding the road prism
- g) Pavement preservation activities that do not expand the road prism
- h) Vegetation maintenance
- i) Catch basin and pipe maintenance
- j) Regrading/reshaping/resurfacing of existing ramps or sidewalks to meet ADA requirements
- k) Underground utility projects that replace the ground surface with in-kind material or materials with similar runoff characteristics.
- l) Projects that do not impact the base course are exempt and are not considered “replaced impervious”.

- MAINTENANCE NON-EXEMPTIONS

The following pavement maintenance practices are not exempt:

- a) The practices subject to the Core Requirements that are triggered when the thresholds are met or exceeded. The extent to which the manual applies is explained for each circumstance.

- b) Removing and replacing a paved surface and impacting the base course. If impervious surfaces are not expanded, Core Requirements #1, 5, 6, and 9 apply.

- **Section 1.2.8 CORE REQUIREMENT #8: WATER QUALITY**

- o Add the following new maintenance exemptions and non-exemptions under the section EXEMPTIONS FROM CORE REQUIREMENT #8 (page 1-69 of the 2016 KCSWDM)

5. MAINTENANCE EXEMPTIONS

The following pavement maintenance practices are exempt:

- a) Pothole and square cut patching
- b) Overlaying existing asphalt or concrete pavement with asphalt or concrete without expanding the area of coverage (overlaying permeable or pervious pavements with traditional (non-permeable) asphalt or pavement is not considered pavement maintenance)
- c) Shoulder grading
- d) Reshaping/regrading drainage systems
- e) Crack Sealing
- f) Resurfacing with in-kind material without expanding the road prism
- g) Pavement preservation activities that do not expand the road prism
- h) Vegetation maintenance
- i) Catch basin and pipe maintenance
- j) Regrading/reshaping/resurfacing of existing ramps or sidewalks to meet ADA requirements
- k) Underground utility projects that replace the ground surface with in-kind material or materials with similar runoff characteristics.
- l) Projects that do not impact the base course are exempt and are not considered “replaced impervious”.

6. MAINTENANCE NON-EXEMPTIONS

The following pavement maintenance practices are not exempt.

- a) The practices subject to the Core Requirements that are triggered when the thresholds are met or exceeded. The extent to which the manual applies is explained for each circumstance.
- b) Removing and replacing a paved surface and impacting the base course. If impervious surfaces are not expanded, Core Requirements #1, 5, 6, and 9 apply.

- **Section 1.2.9 CORE REQUIREMENT #9: FLOW CONTROL BMPs**

- **Section 1.2.9.3.2 Small Road Improvement and Urban Road Improvement Projects BMP Requirements**

- When evaluating BMPs within the right of way to the maximum extent feasible, the BMPs must be evaluated in the following order for:

- Sidewalk (Target Surfaces)

- Slope sidewalk (6ft maximum width) to landscape strip (4ft minimum width)
 - Full Infiltration (back of sidewalk)
 - Limited Infiltration (back of sidewalk)
 - Permeable Pavement

Landscape strip may be increased proportionally to accommodate larger sidewalk widths.

CHAPTER 2 – Drainage Plan Submittal

The City of Kenmore has added supplemental information and made minor changes to Chapter 2 of the 2016 KCSWDM, as described below. Apart from this information, project proponents should refer to the county document for guidance on drainage plan submittal. All submittal reviews shall be conducted by the Department of Development Services (DDS).

Supplemental Information

As part of our Surface Water Design Manual the applicant shall refer to the following documents for Project Plans.

1. Grading Permit and Engineering Permit applications. The applications and associated checklists are provided on the City's website.

Section 2.4.2 FINAL CORRECTED PLAN SUBMITTAL (page 2-39 of the 2016 KCSWDM) — Replace Section 2.4.2 in entirety as follows:

During the course of construction, special inspections are required for LID and Flow Control BMPs. Once construction is completed, a qualified professional shall provide a signed letter verifying that the BMPs have been inspected, installed correctly, and are functioning as designed. Any as-built deviations from the approved permit plan set shall be explained clearly in the letter.

CHAPTER 3 – Hydrologic Analysis and Design

The City of Kenmore has made no changes to Chapter 3 of the 2016 KCSWDM. Project proponents should refer to the county document for guidance on hydrologic analysis and design.

CHAPTER 4 – Conveyance System Analysis and Design

The City of Kenmore has made minor changes to Chapter 4 of the 2016 KCSWDM. The following stricter requirements apply as applicable in this chapter:

1. Allowed Pipe Types:

Corrugated polyethylene (CPE) pipe, Polypropylene (PP) pipe, and Polyvinyl chloride (PVC) pipe are deleted and shall be replaced with the following allowed pipe and criteria:

- WSDOT Section 9-05.24 Polypropylene Culvert Pipe, Polypropylene Storm Sewer Pipe, and Polypropylene Sanitary Sewer Pipe
- All joints for polypropylene pipe shall be made with a bell/bell or bell and spigot coupling and shall conform to ASTM D 3212 using elastomeric gaskets conforming to ASTM F 477. All gaskets shall be factory installed on the pipe in accordance with the manufacturer's recommendations.
- Qualification for each manufacturer of polypropylene storm sewer pipe requires joint system conformance to ASTM D 3212 using elastomeric gaskets conforming to ASTM F 477 and a formal quality control plan for each plant proposed for consideration.
- A Manufacturer's Certificate of Compliance shall be required and shall accompany the materials delivered to the project. The certificate shall clearly identify production lots for all materials represented. The Contracting Agency may conduct verification tests of pipe stiffness or other properties it deems appropriate.
- WSDOT Section 9-05.24(1) Polypropylene Culvert Pipe and Storm Sewer Pipe
- Polypropylene culvert and storm sewer pipe shall conform to the following requirements:
 - o For dual wall pipe sizes up to 30 inches: ASTM F2736.
 - o For triple wall pipe sizes from 30 to 60 inches: ASTM F2764.
 - o For dual wall profile pipe sizes 36 to 60 inches: AASHTO MP 21, Type S or Type D.
 - o Fittings shall be factory welded, injection molded or PVC.

The following pipe types are deleted and will not be allowed:

- Corrugated or spiral aluminum pipe
- Corrugated steel pipe
- Spiral rib steel pipe
- Corrugated polyethylene drainage pipe CPEP pipe

2. Acceptable Pipe Sizes:

12-inch is the minimum diameter pipe to be maintained by the City. With City approval, the pipe diameter may be reduced to a minimum of 8-inch, if the pipe capacity is adequate for design flows.

3. Storm Drain Markers:

Storm drain curb marker medallions are required, if feasible, at every catch basin that receives surface water drainage. If markers are not feasible, stencils or casting engravings shall be used. Markers are to be placed in locations approved by Public Works.

4. Pipe Slope:

Minimum pipe slope shall be 0.5%

5. Storm Testing:

All storm system shall be jetted, cleaned, and CCTV inspected prior to final acceptance into City maintenance.

6. Structure Locations and Appurtenances:

Maximum pipe run between structures shall be 300-ft. For maintenance of structures, a truck turnaround shall be provided. Maximum distance between maintenance vehicle access and drainage structure shall be 150-ft. Structures located in non-pavement areas shall include 2-ft wide asphalt ring around structure lid.

7. Pipe Deflections:

Once backfill is complete, the line and grade at pipe flow line leaving standing water greater than ½-inch in depth shall not be accepted and must be repaired prior to acceptance by the City.

8. Pipe Anchors:

Pipe anchor shall include 1 inch PVC pipe to be installed through the concrete anchor below the pipe to allow passing of ground water.

9. Drainage Structures:

The most updated WSDOT Standard Plans Section B and City of Kenmore Standard Details shall be used to determine acceptable design standards.

10. Drainage Structures Ladders:

Ladders required within drainage structures shall not block inlet or outlet pipes and must be accessible from structure opening.

11. Submerged and Surcharged Pipe:

The 100-year design elevation of downstream stormwater facilities such as stormwater ponds or vaults shall be at or below all pipe inverts. Exception to this standard is the pipe from the first catch basin just upstream of the stormwater facility may be submerged to allow pipe inlet to facility to be submerged.

CHAPTER 5 – Flow Control Design

The City of Kenmore has made minor changes to Chapter 5 of the 2016 KCSWDM. The following stricter requirements apply as applicable in this chapter:

The King County Flow Control Applications Map included with the KCSWDM shall not be applied in the City of Kenmore. The Swamp Creek basin is a flood problem flow control area (level 3) and the remainder of the City of Kenmore is a conservation flow control area (level two) except for project sites with identified downstream flooding problems that may require a higher level of flow control for impact mitigation.

CHAPTER 6 – Water Quality Design

The City of Kenmore has added supplemental information and made minor changes to Chapter 6 of the 2016 KCSWDM, as described below.

Change to 2016 KCSWDM

- The King County Water Quality Applications Map included with the KCSWDM shall not be applied in the City of Kenmore. All of the City of Kenmore is a basic water quality treatment area unless the proposed land use triggers enhanced basic water quality treatment.
- The City of Kenmore allows bioretention to be used for presettling, but it must be designed to meet presettling requirements listed in 6.5.1.2 (Presettling Requirement).

DEFINITIONS

The City of Kenmore has made the following changes to the Definitions Section of the 2016 KCSWDM. Project proponents should refer to the county document for other definitions.

Term (page)	Action
Erosion hazard area (p 9 of KCSWDM Definitions)	Replace as follows (from Section 18.20.940 KMC): Erosion hazard areas means those areas identified by the United States Department of Agriculture Natural Resources Conservation Service or identified by a special study as having a “moderate to severe” or “very severe” erosion potential.
Flood hazard area (p 1-10 of Definitions)	Replace as follows (per Section 18.20.1070 KMC): Flood hazard areas means those areas in the City subject to inundation by the base flood and those areas subject to risk from channel relocation or stream meander including, but not limited to, streams, lakes, wetlands and closed depressions.
Landslide Hazard Area (page 15 of KCSWDM Definitions)	Replace as follows (per Section 18.20.1570 KMC): Landslide hazard areas means areas that are potentially subject to risk of mass movement resulting from a combination of geologic, topographic, and factors including: bedrock, soil, slope gradient, slope aspect, geologic structure, ground water, or other factors.

APPENDICES

The City of Kenmore has made the following changes to the Appendices section of the 2016 KCSWDM. Project proponents should refer to the county appendices where referenced below.

Appendix A: Maintenance Requirements for Flow Control, Conveyance, and WQ Facilities

– The City of Kenmore has made no changes, and Appendix A applies in its entirety to the City of Kenmore.

Appendix B: Master Drainage Plan Objective, Criteria and Components, and Review Process

– This appendix does not apply within the City of Kenmore.

Appendix C: Simplified Drainage Requirements – This is a separately bound document included with the KCSWDM. The City of Kenmore has made changes to Section C.2.9.2 of the appendix. Appendix C provides guidance for many of the low impact development (LID) techniques.

Appendix D: Construction Stormwater Pollution Prevention (CSWPP) Standards – This is a separately bound document included with the KCSWDM. The City of Kenmore has made no changes and this appendix applies in its entirety to the City of Kenmore.

REFERENCE

Table Ref-1 identifies which reference sections in the 2016 KCSWDM apply and those that do not apply to the City of Kenmore. Table Ref-2 lists additional City of Kenmore references that apply.

Table Ref-1. Applicability of KCSWDM References to projects in the City of Kenmore

No.	Description	Action
1	KCC 9.04 Surface Water Runoff Policy	This reference document shall be deleted in entirety. Project proponents should refer to Chapter 13.35 KMC.
2	Adopted Critical Drainage Areas	This reference document shall be deleted in entirety. Project proponents should refer to Chapter 18.55 KMC.
3	Other Adopted Area Specific Drainage Requirements	This reference document shall be deleted in entirety. Project proponents should refer to City codes, ordinances, and sensitive areas maps for description and requirements within sensitive areas. The project proponent shall also work with the City on additional requirements that may apply to their project.
4	Other Drainage Related Regulations and Guidelines A. Grading Code Soil Amendment Standard B. Clearing & Grading Seasonal Limitations C. Landscape Management Plan Guidelines D. Shared Facility Maintenance Responsibility and Guidance	A. Applicable. B. Not applicable. See Section 15.25.150 KMC. C. Applicable. D. Applicable.
5	Wetland Hydrology Protection Guidelines	These guidelines apply.

No.	Description	Action
6	Hydrologic/Hydraulic Design Methods A. Infiltration Rate Test B. Pond Geometry Equations C. Introduction to Level Pool Routing D. Supplemental Modeling Guidelines	This reference section is applicable.
7	Engineering Plan Support A. King County Standard Map Symbols B. Standard Plan Notes and Example Construction Sequence C. Storm Filter Facility Access and Cartridge Configuration	A. Applicable. B. Replace with City's standard plan notes. Contact City for most current version of notes. C. Not applicable. Delete this reference subsection in entirety.
8	Forms and Worksheets A. TIR Worksheet B. Offsite Analysis Drainage System Table C. Water Quality Facility Sizing Worksheets D. Flow Control and Water Quality Facility Summary Sheet and Sketch E. CSWPPP Worksheet Forms F. Adjustment Application Form and Process Guidelines G. Dedication and Indemnification Clause H. Bond Quantities Worksheet I. Maintenance and Defect Agreement J. Declaration of Covenant K. Drainage Release Covenant L. Drainage Easement M. Flow Control BMP Covenant (see replacement form name below). N. Impervious Surface Limit Covenant O. Clearing Limit Covenant P. River Protection Easement	A. Replace with City Form. B. Replace with City Form. C. Replace with City Form. D. Replace with City Form. E. Replace with City Form. F. Replace with City Form. G. Replace with City Form. H. Replace with City Form. I. Replace with City Form. J. Replace with City Form. K. Replace with City Form. L. Replace with City Form. M. Replace with City Form. N. Replace with City Form. O. Replace with City Form. P. Replace with City Form. Q. Replace with City Form.
9	Interim Changes to Requirements A. Blanket Adjustments B. Administrative Changes	Applicable.
10	King County Identified Water Quality Problems	Delete in entirety

No.	Description	Action
11	Materials A. (VACANT) B. (VACANT) C. Bioretention Soil Media Standard Specifications D. (VACANT) E. Roofing Erodible or Leachable Materials	A. Not applicable. B. Not applicable. C. Applicable. D. Not applicable. E. Applicable.
12	(VACANT)	Not applicable
13	(VACANT)	Not applicable
14	Supplemental Approved Facilities A. Approved Proprietary Facilities B. Approved Public Domain Facilities	A. Applicable. B. Applicable.

APPENDIX C – Simplified Drainage Requirements

The City of Kenmore has made changes to Appendix C of the 2016 KCSWDM. The requirements apply as applicable in this appendix:

C.2.9.2 RESTRICTED FOOTPRINT

Restricted footprint means the recording of a covenant that limits the amount of future impervious surface coverage on a site/lot to an amount less than the norm as specified below:

1. For single family residential sites/lots that are smaller than 22,000 square feet, any recorded limit on total impervious surface less than a norm of 4,000 square feet or the maximum allowed by the site/lot's zoning, whichever is smaller, qualifies for a restricted footprint credit equal to the difference in square footage. In other words, for every square foot that the recorded limit is below the norm, an equal area of actual proposed target impervious surface is credited as mitigated subject to Minimum Design Requirement in Section C.2.9.1.
2. For single family residence sites/lots that are between 22,000 square feet and 250,000 square feet, any recorded limit of total impervious surface in an amount less than a norm of 4,000 square feet or 4% of the site/lot area, whichever is greater, qualifies for a restricted footprint credit equal to the difference in square footage. For every square foot that the recorded limit is below the norm, an equal area of actual proposed target impervious surface is credited as mitigated subject to Minimum Design Requirement 2 in Section C.2.9.1.
3. For single family residential sites/lots that are greater than 250,000 square feet, no restricted footprint credit is available.
4. For multi-family, townhome and commercial sites/lots, any recorded limit on total impervious surface less than the maximum allowed by the site/lot's zoning, qualifies for a restricted footprint credit equal to the difference in square footage. In other words, for every square foot that the recorded limit is below the norm, an equal area of actual proposed target impervious surface is credited as mitigated subject to Minimum Design Requirement in Section C.2.9.1.

APPENDIX D -- CITY OF KENMORE STORMWATER POLLUTION PREVENTION MANUAL ADDENDUM

General Introduction

The City of Kenmore adopted the 2016 King County Stormwater Pollution Prevention Manual (2016 SPPM) in order to be in compliance with the Washington State Department of Ecology Phase II Municipal Stormwater permit. This Addendum to the 2016 SPPM defines how the requirements of the SPPM are to be implemented within the City of Kenmore. The Addendum specifies all changes, additions, and deletions to the 2016 SPPM to make it appropriate for use within the City of Kenmore. The 2016 SPPM along with this Addendum define stormwater pollution prevention best management practices for commercial, multi-family and residential properties within the City.

Purpose of and Need for the Addendum

The City has been issued a Phase II Municipal Stormwater Permit (Permit). The Permit was issued under the National Pollutant Discharge System (NPDES), as administered by the Washington State Department of Ecology (Ecology) within Washington State. The Permit specifies minimum performance measures to prevent, detect, characterize, trace and eliminate illicit connections and illicit discharges into the City's drainagesystem.

The City of Kenmore has previously relied upon the earlier versions of the SPPM as a component of the City's illicit discharge detection and elimination (IDDE) program. King County recently updated the SPPM. By adopting the 2016 SPPM and implementing the associated best management practices, the City will be in compliance with portions of IDDE program requirements set forth in the Permit.

The purpose of this Addendum is to tailor the 2016 SPPM to meet the unique conditions within the City, and be consistent with the City's codes, organization and processes. No substantive changes have been made to the 2016 SPPM.

How to Use this Document

This Addendum shall be used in coordination with the 2016 SPPM for the following:

- To translate specific wording or reference from King County to the City.
- To cross-reference City ordinances and City maps in lieu of King County ordinances and maps.
- To provide a linkage or reference to other City requirements such as more restrictive requirements outlined in basin plans and the City's Critical Areas Ordinances.
- To provide exceptions and additions to the 2016 SPPM.

The 2016 SPPM shall be used in its entirety except as directed in this Addendum. Exceptions and additions to the 2016 SPPM are organized and referenced by chapter and section in the same manner as the 2016 SPPM. Some global changes are provided in this preface, which shall be applied throughout the entire 2016 SPPM. The user shall override the maps and references to other documents as indicated within this Addendum.

Addendum Organization

- **Preface:** This preface provides instructions for using the City of Kenmore’s Addendum to the 2016 SPPM. It also defines terms in the 2016 SPPM that are used differently for the City of Kenmore; City departments that are equivalent to county departments referred to in the 2016 SPPM; and designations from the 2016 SPPM that do not apply to proposals in the City of Kenmore.
- **Chapter 1 – Overview:** The City of Kenmore has made minor changes to Chapter 1 of the 2016 SPPM. This addendum to Chapter 1 provides replacement text for the sections that are changed. Apart from these changes, the King County version of Chapter 1 applies within the City of Kenmore.
- **Chapter 2 – Stormwater Problems:** The City of Kenmore has made no changes to Chapter 2 of the 2016 SPPM. The King County version of Chapter 2 applies within the City of Kenmore.
- **Chapter 3 – Stormwater Best Management Practices For Commercial Activities:** The City of Kenmore has made no changes to Chapter 3 of the 2016 SPPM. The King County version of Chapter 3 applies within the City of Kenmore.
- **Chapter 4 – Residential BMPs:** The City of Kenmore has made no changes to Chapter 4 of the 2016 SPPM. The King County version of Chapter 4 applies within the City of Kenmore.
- **Chapter 5 – Information Sheets:** The City of Kenmore has made no changes to Chapter 5 of the 2016 SPPM. The King County version of Chapter 5 applies within the City of Kenmore.
- **Chapter 6 – Technical Assistance:** The City of Kenmore has made minor changes to Chapter 6 of the 2016 SPPM. This addendum to Chapter 6 provides replacement text for the sections that are changed. Apart from these changes, the King County version of Chapter 6 applies within the City of Kenmore.
- **Quick Phone Reference:** The City of Kenmore has made minor changes to the Quick Phone Reference section of the 2016 SPPM. This Addendum to the Quick Phone Reference section provides replacement text for the definitions that are changed. Apart from these changes, the King County version of the Quick Phone Reference section applies within the City of Kenmore.

City Equivalents for County Agencies

Unless the context requires otherwise, any reference to “County”, “King County”, or county department, shall refer to the City of Kenmore and any reference to county staff shall refer to the City Manager or designee, unless referring to a specific department.

City Equivalents for County Ordinances

For proposals in the City of Kenmore, all reference in the 2016 SPPM to the following ordinances or municipal codes shall be replaced by reference as indicated in the following table.

King County	Description	Kenmore Municipal	Description
KCC 9.12	Water Quality	Chapter KMC 13.45	Water Quality

City Equivalents for Critical Areas

In general, references to the King County Critical Areas Ordinance (KCC 21A) are to be replaced by reference to the Kenmore Municipal Code (Chapter 18.55 KMC), Critical Areas. Definitions for critical areas and terminology may be found in Chapter 18.20 KMC. Additional details and development standards for critical areas can be found in Chapter 18.55 KMC.

City Equivalents for County Plans or Studies

In general, references to county-approved plans or studies in the 2016 SPPM are to be replaced by reference to appropriate City-approved plans or studies. If comparable City-approved plans or studies do not exist, then references to County-approved plans or studies shall be retained for proposals in the City of Kenmore.

CHAPTER 1 – Overview

The City of Kenmore amends chapter 1 of the 2016 SPPM to replace the following “Other Agency Requirements” information with the applicable City information:

King County Reference	Applicable City Reference
King County Surface Water Design Manual	King County Surface Water Design Manual as adopted by KMC 13.35
King County Critical Areas and Clearing and Grading Ordinances	City of Kenmore Critical Areas and Clearing and Grading Ordinances
King County Fire Code	City of Kenmore Fire Code
King County Animal Regulations (Livestock Ordinance)	City of Kenmore Animal Regulations

CHAPTER 2 – Stormwater Problems

The City of Kenmore has made no changes to Chapter 2 of the 2016 SPPM.

CHAPTER 3 – Stormwater BMPs For Commercial Activities

The City of Kenmore has made no changes to Chapter 3 of the 2016 SPPM.

CHAPTER 4 – Residential BMPs

The City of Kenmore has made no changes to Chapter 4 of the 2016 SPPM.

CHAPTER 5 – Information Sheets

The City of Kenmore has made no changes to Chapter 5 of the 2016 SPPM.

CHAPTER 6 – Technical Assistance

The City of Kenmore amends chapter 6 of the 2016 SPPM to replace the contact information for King County Water and Land Resources Division with contact information for Kenmore Public Works, which is:

Kenmore Public Works
18120 68TH AVENUE
Kenmore, WA 98028
(425) 398-8900

Apart from these changes, the King County version of chapter 6 applies within the City of Kenmore.

Quick Phone Reference

The City of Kenmore amends the Quick Phone Reference section of the 2016 SPPM to include the phone number for Kenmore City Hall, which is (425) 398-8900. Apart from these changes, the King County version of the Quick Phone Reference applies within the City of Kenmore.



APPENDIX G

TRAFFIC IMPACT ANALYSIS GUIDELINES

	CITY OF KENMORE, WA TRAFFIC IMPACT ANALYSIS GUIDELINES	
	18120 68 th Ave NE, Kenmore, WA 98028 425-398-8900 www.kenmorewa.gov	

TRAFFIC ANALYSIS REPORT

To adequately review development proposals, the city may require that the applicant provide a traffic analysis to help determine the need for roadway, non-motorized and transit improvements to serve the proposed use and address the traffic impacts on the public transportation system. The following guidelines have been established to assist a professional engineer in providing the information needed to adequately analyze the development proposal.

The written report should include the following information utilizing appropriate charts and graphics:

1. A description and location of the development site
2. Proposed land uses and intensities
3. The area of influence of site traffic.
4. A right of way access plan for the development, including the proposed internal circulation and available sight distances at major entry points.
5. A vicinity map and site plan.

Existing conditions and analysis:

1. Description of the existing conditions of streets, intersections, non-motorized facilities and transit improvements in the area that will potentially be impacted.
2. Information on existing street widths, number of lanes, intersection geometrics, locations of traffic signals and other types of traffic control, parking restrictions, sidewalks, bicycle paths, transit stops, transit amenities (e.g., shelters) and transit routes should also be included.
3. 24-hour traffic counts on the affected streets and turning movement counts during morning and evening peak periods at the impacted intersections. Counts shall be collected a minimum of 3 consecutive days including Tuesday, Wednesday, and Thursday. Data used shall not be older than 2 years from the date the analysis is performed.
4. Capacity and level of service analysis for the existing conditions of the affected streets and impacted intersections. Refer to KMC 12.80.030 for the City's level of service standards.
5. Traffic crash data for the influence area both for mid-block locations and intersections for the last five years.

Calculation, analysis, and representation of the following future conditions:

1. Trip generation during the 24-hour and morning and evening peak periods, and peak hour of the generator for each land use category in the project should be calculated and shown. A trip table including type of land use intensity, trip generation rates and trips generated should be prepared.
2. The distribution of generated traffic and assignment of that traffic to the street system during morning and evening peak periods and peak hour of the generator along with reasons for the assumed distribution.
3. Future 24-hour and peak period traffic volumes and assignments upon completion of the development (by phases if applicable).
4. Capacity analysis and levels of service for morning and evening peak periods and for the peak periods of the generator, if necessary. Refer to KMC 12.80.030 for the City's level of service standards.
5. Street access and transit improvement plan with recommendations by development phases identifying all needed improvements and the improvements that are the responsibility of the applicant. These

recommendations should be based on both the morning and evening peak hour projected volumes with an emphasis on the safety aspects of the design.

6. Proposed driveway locations, geometrics, sight distances and turn restrictions taking into consideration the proximity of nearby intersections and anticipated queues based on arrival rates, should be shown. Sight distance data at driveways using city standards where horizontal and vertical alignments are critical should be included.
7. Impact of the development on the street network, signal warrants, crash frequency, and mitigation techniques should be included wherever appropriate.
8. Concise summary of findings and recommendations for the approval of the City before the development plan is presented to the City's Hearings Examiner for approval.

Additional information that may be requested:

1. Estimates of the cost of the recommended improvements and/or information on proposed street improvements in the area by the City, County, or WSDOT.
2. A more intense analysis using network operational and simulation software for special projects.

LEVELS OF ANALYSIS

The following guidelines are provided to assist the applicant and their consultants determine the size of the area to study for a traffic impact analysis and the detail of the analysis that the City will require. There are three levels of analysis. Each one has a different emphasis on the level of detail. Each development may have different or unique traffic issues and concerns that may require further study. The City may require a higher level of analysis or the submittal of additional information due to specific project location.

Level One – On-Site Analysis:

Description: Placement and design of internal (on site) features such as parking layout, access to public streets, site circulation, intersection sight distance, pedestrian circulation, delivery and loading areas and internal public street layout.

Threshold: Small commercial or residential development or an addition to an existing development creating less than 10 peak hour trips.

Level Two – Project Area Analysis:

Description: On-site analysis (Level One) plus the impact of the development and its traffic on adjacent and affected area streets, impacted intersections, adjoining developments, pedestrians and public transit facilities. The project analysis will include those facilities as designated by the City.

Threshold: Small to medium sized residential and commercial developments creating between 10 and 75 more peak hour trips.

Level Three – Corridor Analysis:

Description: On-site analysis (Level One) plus project area analysis (Level Two) plus the impact of the proposed development on a larger study area and the street and highway system that is being impacted by the addition or improvement of arterial streets and by other large developments in the study area.

Threshold: Large commercial and residential developments creating 75 or more peak hour trips.

Pipeline Projections:

Description: Prior to beginning the traffic analysis, the applicant's consultant shall meet with the City to determine which "pipeline" projects must be included in the analysis. Pipeline projects are defined as projects (both private and public) that have received some level of approval but full development has not been completed.

Threshold: All traffic analysis shall include the effect of those pipeline projects designated by the City.

Subject/Topic: Extending the Temporary Moratorium on Residential Tenant Evictions Related to Covid-19 (Ordinance 21-0536) Proposed Council Action/Motion: Motion to adopt Ordinance 21-0536 through ratification and adoption of Proclamation and Issuance of Emergency Rule 20-03.7	For Council Meeting Agenda of: September 27, 2021 Department: Community Development Prepared by: Debbie Bent, Community Development Director <table border="0"> <tr> <td></td> <td style="text-align: right;"><u>Initial & Date</u></td> </tr> <tr> <td>Approved by Department Head:</td> <td style="text-align: right;">DB 9/15/21</td> </tr> <tr> <td>Approved by City Attorney:</td> <td style="text-align: right;">email 9/22/21</td> </tr> <tr> <td>Approved by Finance Director:</td> <td style="text-align: right;">N/A</td> </tr> <tr> <td>Approved by City Manager:</td> <td style="text-align: right;">RK 9/23/21</td> </tr> </table> Exhibits/Attachments: 1. Ordinance 21-0536 Extending the Temporary Moratorium on Residential Tenant Evictions 2. COVID-19 Pandemic and Public Health Emergency Rule 20-03.7 (also attachment #1 to Ordinance 21-0536).		<u>Initial & Date</u>	Approved by Department Head:	DB 9/15/21	Approved by City Attorney:	email 9/22/21	Approved by Finance Director:	N/A	Approved by City Manager:	RK 9/23/21
	<u>Initial & Date</u>										
Approved by Department Head:	DB 9/15/21										
Approved by City Attorney:	email 9/22/21										
Approved by Finance Director:	N/A										
Approved by City Manager:	RK 9/23/21										
<u>INFORMATION/BACKGROUND:</u> At the 6/13/21 Council meeting, Council passed a motion to bring back legislation that would extend the temporary moratorium on residential tenant evictions made necessary due to the Covid-19 pandemic. Council adoption of Ordinance 21-0536 (Attachment #1) extends the temporary moratorium and residential tenant protections from 9/30/21 through 12/31/21 through ratification and adoption of Proclamation and Issuance of Emergency Rule 20-03.7 (Attachment #2). The extension of the moratorium provides additional time for procedures to put in place to implement state and local legislation on tenant protections and gives additional time for tenants and landlords to access available funding assistance. The United States Supreme Court ruled that the federal Centers for Disease Control (CDC) did not have the authority to impose a federal eviction moratorium, and as of 8/26/21, renters cannot use the federal moratorium as protection against eviction. The Washington State eviction moratorium (Proclamation 20.19.6) ended 6/30/21. State legislation E2SSB5160, signed by the Governor on 4/22/21 also included a statement about the moratorium end date. The governor continued some protections for tenants with unpaid rent due to Covid-19 until 9/30/21. The City's temporary moratorium on residential tenant evictions related to Covid-19 was established March 2020 and is scheduled to expire on 9/30/21 (Ordinance 21-0525 adopted 6/14/21). Background: At the 4/19/21 Council meeting, Council asked staff to bring back information on the following three topics regarding residential tenant renter protections related to impacts from Covid-19. 1. Payment plan for residential tenants for a certain period after the eviction moratorium ends 2. Eviction defense if tenants can show their eviction is due to the Covid-19 pandemic											

3. How to direct landlords and tenants to available rental assistance resources

At the 5/24/21 Council meeting, representatives from the Transit Riders Union, the King County Bar Association and the Washington Multi-Family Housing Association provided their perspectives on recent state legislation Engrossed Second Substitute Senate Bill (E2SSB 5160) Landlord Tenant Relations, providing certain tenant protections during the Covid-19 emergency. Staff provided a comparison of state legislation and a proposed model ordinance, information on rental assistance resources and eviction data. At the 5/24/21 Council meeting, Council gave staff direction to bring back legislation prior to 6/30/21 that would extend the temporary moratorium on residential tenant evictions and provide residential tenant protections made necessary due to the Covid-19 pandemic.

At the 6/14/21 Council meeting, Council adopted Ordinance 21-0525 Extending the Temporary Moratorium on Residential Tenant Evictions and Adopting Renter Protections Related to Covid-19. Adoption of Ordinance 21-0525 extended the temporary moratorium on residential tenant evictions through 9/30/21 through ratification of Proclamation and Issuance of Emergency Rule 20-03.6 signed by the City Manager. The ordinance included the following renter protections:

1. Creates a defense to eviction for rental debt accrued due to pandemic-related hardship.
2. Creates a defense to eviction if a tenant has a rental assistance application in process.
3. Bans late fees for rent that became due during the pandemic.
4. Requires landlords to certify that they have attempted to obtain rental assistance before filing for eviction due to unpaid rent accrued during the pandemic.

The proposed Ordinance (Attachment 1) does not amend these residential tenant protections. Instead, it amends Section 2 of Ordinance 21-0525 to make it consistent with the December 31st extension of the moratorium. Due to the imminent expiration of the existing moratorium on 9/30/21, the proposed Ordinance also includes an emergency declaration to provide for an immediate effective date upon adoption.

FISCAL CONSIDERATION: Staff time.

COUNCIL GOAL/BUDGET OBJECTIVE BEING ADDRESSED: Council 2021-2022 priority #4 respond to the pandemic

**CITY OF KENMORE
WASHINGTON
ORDINANCE NO. 21-0536**

**AN ORDINANCE OF THE CITY OF KENMORE,
WASHINGTON, RATIFYING AND ADOPTING THE
TEMPORARY MORATORIUM ON RESIDENTIAL
TENANT EVICTIONS ADOPTED UNDER COVID-19
PANDEMIC AND PUBLIC HEALTH EMERGENCY RULE
20-03.7 AND ITS EXTENSION TO DECEMBER 31, 2021;
AMENDING SECTION 2 OF ORDINANCE 21-0525; AND
DECLARING AN EMERGENCY WITH AN IMMEDIATE
EFFECTIVE DATE.**

WHEREAS, the COVID-19 disease, caused by a virus that spreads easily from person to person, which may result in serious illness or death, and its rapid progression in Washington state continues to threaten the life and health of its people as well as the economy of the state, and remains a public disaster affecting life, health, property or the public peace; and

WHEREAS, federal, state and local emergency proclamations, recommendations and orders have the intended purpose of containing, mitigating and slowing the transmission of COVID-19; and

WHEREAS, on February 29, 2020, the Governor of Washington State proclaimed a State of Emergency due to COVID-19; and

WHEREAS, on March 5, 2020, the City Manager issued a City of Kenmore Proclamation, which proclaimed an emergency due to COVID-19, and also proclaimed that emergency operations under Chapter 8.30 of the Kenmore Municipal Code and the utilization of emergency powers granted under RCW 38.52.070 were in effect, and the City Council ratified the same; and

WHEREAS, on March 11, 2020, the World Health Organization classified the global spread of COVID-19 as a pandemic, and it continues to persist throughout Washington State, the United States and the world; and

WHEREAS, on March 18, 2020, Governor Inslee issued Proclamation 20-19, which imposed a statewide moratorium on residential evictions, and which expired on June 30, 2021; and

WHEREAS, in March of 2020, the City Manager adopted Emergency Proclamation 20-03, as amended by Emergency Proclamations 20-03.1-3.6 (Residential Eviction Moratorium), which established a moratorium on residential evictions, and which is scheduled to expire on September 30, 2021; and

WHEREAS, the Kenmore City Council has duly ratified and adopted the Residential Eviction Moratorium, as amended; and

WHEREAS, the COVID-19 pandemic has severely impacted state and local economies, resulting in thousands of employees working from home, the cancellation of numerous public events, significant reductions in tourism and demand at restaurants, coffee shops, and other local businesses, increased employee lay-offs, and reduction in work-hours; and

WHEREAS, the economic impacts of COVID-19 have increased the risk of residential tenant evictions due to loss of income and/or employment, however, residential evictions would undermine the containment and mitigation measures needed to reduce the transmission of COVID-19; and

WHEREAS, Governor Inslee issued Proclamation 21-09, intended to bridge the gap between the state's expired eviction moratorium (Proc. 20-19), and the tenant protections enacted by the Legislature under Engrossed Second Substitute Senate Bill (E2SSB) 5160, Chapter 115, Laws of 2021 (Bridge Proclamation); and

WHEREAS, Governor Inslee's Bridge Proclamation identifies, among other things, that: i) during the 2021 legislative session, the Legislature appropriated hundreds of millions of dollars in federal American Rescue Plan Act (ARPA) funds for rental assistance, but the program to disperse the funds to those in need is still under development; ii) the eviction resolution pilot program and right to counsel program (provided in E2SSB 5160) are not operational statewide; and iii) unemployment remains above 6% with slow recovery in significant industry sectors; and

WHEREAS, Governor Inslee's Bridge Proclamation, and the tenant protections adopted therein, are set to expire on September 30, 2021; and

WHEREAS, a Seattle Times article, dated September 20, 2021, identifies that an estimated 60,000 Seattle-area renters, ages 18 and older, reported that they were behind on rent (citing a Census Bureau ongoing Household Pulse Survey program), and that most of those 60,000 renters owed multiple months' of rent; and

WHEREAS, an article from the Washington State *Wire*, dated September 8, 2021, estimates that one-quarter of Washington renters expect to be evicted within two months; and

WHEREAS, residential tenant evictions would negate the ability of tenants to self-isolate, would increase their risk of contracting and/or spreading COVID-19, and would put them, and high-risk individuals (older adults and individuals with underlying medical conditions), at greater risk from COVID-19; and

WHEREAS, a report issued by the Seattle Women's Commission and the Housing Justice Project of the King County Bar Association, entitled "Losing Home: The Human Cost of Eviction in Seattle" (Losing Home Report), identifies that "National research shows eviction is one of the leading causes of homelessness"; and

WHEREAS, the Losing Home Report also identifies that: i) Most evicted respondents became homeless, with 37.5% completely unsheltered, 25.0% living in a shelter or transitional housing, and 25.0% staying with family or friends; ii) Only 12.5% of evicted respondents found another apartment

or home to move into; and iii) Because evictions disproportionately impact marginalized communities and have long lasting harm on individuals as well as the broader community, it is imperative for local and state governments to take immediate action to address evictions; and

WHEREAS, the Stay Housed Stay Healthy Coalition submitted comments to the City Council, stating, among other things, that: i) "Black renters were 4.5 times more likely to face evictions than their white counterparts" (citing to the Losing Home Report); ii) people of color were more likely to be evicted over smaller amounts of rent; iii) the pandemic has more severely impacted lower income families, communities of color and LGBTQ+ renters; and iv) local, state and federal eviction moratoria have been the strongest tool to keep community members housed and healthy in the midst of the current global pandemic; and

WHEREAS, in August of 2021, the U.S. Departments of Housing and Urban Development, Justice and the Treasury sent a joint letter to all Governors, County Executives and Mayors urging them to enact eviction moratoriums through the end of the public health emergency, as well as other measures to protect renters ("HUD Letter"); and

WHEREAS, the HUD Letter also identifies that it is critical to give renters the time needed to receive rental assistance before being subject to eviction, and that moratorium policies help ensure that renters are not evicted before those resources are made available to them; and

WHEREAS, there have been significant delays in the processing and receipt of federal, state and local distribution of rental assistance to tenants and landlords; and

WHEREAS, a September 21, 2021, Seattle Times article identifies that King County has spent approximately \$34 million of the \$145 million of available federal funding, or approximately 24%, according to King County's Department of Community and Human Services, and that "Many tenants who have applied for rent assistance feel stuck in a 'black hole of bureaucracy'"; and

WHEREAS, the Coronavirus Aid, Relief, and Economic Security Act (CARES) unemployment benefits and additional \$300 per week for eligible claimants expired the week of September 4, 2021; and

WHEREAS, while federal, state and local rental assistance has been delayed in disbursement to tenants and landlords, and CARES unemployment benefits have expired, the Delta variant of COVID-19 has resulted in an increase in cases, illness, and death throughout the United States; and

WHEREAS, the CDC reported in its "Delta Variant: What We Know About the Science", that the existing Delta variant of COVID-19 is two times more contagious than earlier COVID-19 forms, and data suggests it might cause more severe illness than previous variants in unvaccinated people; and

WHEREAS, as of September 22, 2021, the CDC's "COVID Data Tracker" identifies that in the United States there have been 42,234,211 cases, with a total of 675,071 deaths from COVID-19; and

WHEREAS, as of September 20, 2021, the Washington State Department of Health (DOH) COVID-19 Data Dashboard identifies that there have been 631,023 total cases, with 7,315 deaths in Washington State; and

WHEREAS, as of September 20, 2021, the Washington DOH identified that 68.9% of eligible Washingtonians have been fully vaccinated; however, the City Council acknowledges that COVID-19 vaccines are currently only authorized for people 12 years of age and older, and children under 12 years of age cannot yet be vaccinated; and

WHEREAS, the Washington DOH COVID-19 Dashboard evidences that vaccination rates vary across the state, which leaves communities with low vaccination rates at risk for ongoing transmission of COVID-19, and unvaccinated people in these communities at risk for illness, hospitalization, and death from COVID-19; and

WHEREAS, the City Council finds that the COVID-19 emergency has not ended and the continued ability to self-isolate at home during this continued COVID-19 emergency continues to be critical to containing, mitigating and reducing the transmission of COVID-19, and that residential tenant evictions severely undermine state and local emergency COVID-19 response efforts; and

WHEREAS, the City Council finds that extending the Residential Eviction Moratorium will reduce economic hardship, housing instability, and related life, health, and safety risks to those members of the community impacted by COVID-19, or who are otherwise unable to pay rent as a result of the COVID-19 pandemic; and

WHEREAS, the City Council finds that maintaining stable housing is a public health and economic imperative in the face of the ongoing COVID-19 pandemic, and that evictions during the pandemic could lead to increased homeless populations, crowding in shelters, and transmission of COVID-19; and

WHEREAS, the City Council finds it necessary to give residential tenants and landlords the time necessary to apply for and receive federal, state and local COVID-19 rental assistance, and thus, finds it necessary to extend the Kenmore Residential Eviction Moratorium through December 31, 2021, and the City Council desires to amend Section 2 of Ordinance 21-0525, to be consistent with this Ordinance; and

WHEREAS, as the Residential Eviction Moratorium is scheduled to expire on September 30, 2021, the City Council finds that adoption of this ordinance is an emergency which requires an immediate effective date;

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF KENMORE, WASHINGTON, DO ORDAIN AS FOLLOWS:

Section 1. Incorporation of Recitals - Findings.

- A. The recitals set forth above, incorporated by reference as if set forth in full, are adopted as findings in support of this Ordinance.

- B. The recitals set forth in COVID-19 Pandemic and Public Health Emergency Rule 20-03, and 20-03.1 – 3.6, incorporated by reference as if set forth in full, are adopted as findings in support for this Ordinance.

Section 2. Ratification & Adoption of Residential Eviction Moratorium.

- A. The City Council hereby ratifies, adopts, and confirms the temporary moratorium on residential tenant evictions, and its extension through December 31, 2021, as set forth in Attachment 1, COVID-19 Pandemic and Public Health Emergency Rule 20-03.7, attached hereto and incorporated by reference as if set forth in full.
- B. Any and all acts undertaken by City departments and staff consistent with Attachment 1 are ratified and authorized until such time as such proclamation has been rescinded or otherwise terminated by the City Manager or City Council.

Section 3. Amendment. The City Council amends Section 2 of Ordinance 21-0525 to be consistent with this Ordinance, and to read as follows:

Section 2. Ratification & Adoption of Temporary Moratorium on Residential Evictions.

- A. The City Council hereby ratifies, confirms, and adopts the temporary moratorium on residential tenant evictions, and its extension through ~~September 30~~December 31, 2021, as set forth in Attachment 1, COVID-19 Pandemic and Public Health Emergency Rule 20-03.~~67~~.
- B. Any and all acts undertaken by City departments and staff consistent with Attachment 1 are ratified and authorized until such time as such proclamation has been rescinded or otherwise terminated by the City Manager or City Council.

Section 4. Severability. If any provision of this ordinance or its application to any person or circumstance is held invalid, the remainder of the ordinance or the application of the provision to other persons or circumstances shall not be affected and shall be in full force and effect.

Section 5. Emergency declared – effective immediately. The City Council finds and declares that an emergency exists for the reasons stated herein and that this ordinance is necessary for the immediate preservation of public peace, health, or safety, and shall take effect immediately.

PASSED BY THE CITY COUNCIL AT A REGULAR MEETING THEREOF ON THE 27th DAY OF SEPTEMBER 2021.

CITY OF KENMORE

David Baker, Mayor

ATTEST/AUTHENTICATED:

Anastasiya Warhol, City Clerk

Approved as to form:

Dawn Reitan, City Attorney

Filed with the City Clerk:
Passed by the City Council:
Ordinance No.:
Date of Publication:

,

City of Kenmore

Proclamation & Issuance of Emergency Rule 20-03.7: Amending Temporary Moratorium on Residential Tenant Evictions

WHEREAS, the COVID-19 disease, caused by a virus that spreads easily from person to person, which may result in serious illness or death, and its rapid progression in Washington state continues to threaten the life and health of its people as well as the economy of the state, and remains a public disaster affecting life, health, property or the public peace; and

WHEREAS, federal, state and local emergency proclamations, recommendations and orders have the intended purpose of containing, mitigating and slowing the transmission of COVID-19; and

WHEREAS, on February 29, 2020, the Governor of Washington State proclaimed a State of Emergency due to COVID-19; and

WHEREAS, on March 5, 2020, the City Manager issued a City of Kenmore Proclamation, which proclaimed an emergency due to COVID-19, and also proclaimed that emergency operations under Chapter 8.30 of the Kenmore Municipal Code and the utilization of emergency powers granted under RCW 38.52.070 were in effect, and the City Council ratified the same; and

WHEREAS, on March 11, 2020, the World Health Organization classified the global spread of COVID-19 as a pandemic, and it continues to persist throughout Washington State, the United States and the world; and

WHEREAS, on March 18, 2020, Governor Inslee issued Proclamation 20-19, which imposed a statewide moratorium on residential evictions, and which expired on June 30, 2021; and

WHEREAS, in March of 2020, the City Manager adopted Emergency Proclamation 20-03, as amended by Emergency Proclamations 20-03.1-3.6 (Residential Eviction Moratorium), which established a moratorium on residential evictions, and which is scheduled to expire on September 30, 2021; and

WHEREAS, the Kenmore City Council has duly ratified and adopted the Residential Eviction Moratorium, as amended; and

WHEREAS, the COVID-19 pandemic has severely impacted the state and local economies, resulting in thousands of employees working from home, the cancellation of numerous public events, significant reductions in tourism and demand at restaurants, coffee shops, and other local businesses, increased employee lay-offs, and reduction in work-hours; and

WHEREAS, the economic impacts of COVID-19 have increased the risk of residential tenant evictions due to loss of income and/or employment, however, residential evictions would undermine the containment and mitigation measures needed to reduce the transmission of COVID-19; and

WHEREAS, Governor Inslee issued Proclamation 21-09, intended to bridge the gap between the state's expired eviction moratorium (Proc. 20-19), and the tenant protections enacted by the Legislature under Engrossed Second Substitute Senate Bill (E2SSB) 5160, Chapter 115, Laws of 2021 ("Bridge Proclamation"); and

WHEREAS, Governor Inslee's Bridge Proclamation identifies, among other things, that: i) during the 2021 legislative session, the Legislature appropriated hundreds of millions of dollars in federal American Rescue Plan Act (ARPA) in rental assistance, but the program to disperse the funds to those in need is still under development; ii) the eviction resolution pilot program and right to counsel program (as provided in E2SSB 5160) are not operational statewide; and iii) unemployment remains above 6% with slow recovery in significant industry sectors; and

WHEREAS, Governor Inslee's Bridge Proclamation, and the tenant protections adopted therein, are set to expire on September 30, 2021; and

WHEREAS, a Seattle Times article, dated September 20, 2021, identifies that an estimated 60,000 Seattle-area renters, ages 18 and older, reported that they were behind on rent (citing a Census Bureau ongoing Household Pulse Survey program), and that most of those 60,000 renters owed multiple months' of rent; and

WHEREAS, an article from the Washington State *Wire*, dated September 8, 2021, estimates that one-quarter of Washington renters expect to be evicted within two months; and

WHEREAS, residential tenant evictions would negate the ability of tenants to self-isolate, would increase their risk of contracting and/or spreading COVID-19, and would put them, and high-risk individuals (older adults and individuals with underlying medical conditions), at greater risk from COVID-19; and

WHEREAS, a report issued by the Seattle Women's Commission and the Housing Justice Project of the King County Bar Association, entitled "Losing Home: The Human Cost of Eviction in Seattle" (Losing Home Report), identifies that "National research shows eviction is one of the leading causes of homelessness"; and

WHEREAS, the Losing Home Report also identifies that: i) Most evicted respondents became homeless, with 37.5% completely unsheltered, 25.0% living in a shelter or transitional housing, and 25.0% staying with family or friends; ii) Only 12.5% of evicted respondents found another apartment or home to move into; and iii) Because evictions disproportionately impact marginalized communities and have long lasting harm on individuals as well as the broader community, it is imperative for local and state governments to take immediate action to address evictions; and

WHEREAS, the Stay Housed Stay Healthy Coalition submitted comments to the City which identify, among other things, that: i) "Black renters were 4.5 times more likely to face evictions than their white counterparts" (citing to the Losing Home Report); ii) people of color were more likely to be evicted over smaller amounts of rent; iii) the pandemic has more severely impacted lower income families, communities of color and LGBTQ+ renters; and iv) local, state and federal eviction moratoria have been the strongest tool to keep community members housed and healthy in the midst of the current global pandemic; and

WHEREAS, in August of 2021, the U.S. Departments of Housing and Urban Development, Justice and the Treasury sent a joint letter to all Governors, County Executives and Mayors urging them to enact eviction moratoriums through the end of the public health emergency, as well as other measures to protect renters ("HUD Letter"); and

WHEREAS, the HUD Letter also identifies that it is critical to give renters the time needed to receive rental assistance before being subject to eviction, and that moratorium policies help ensure that renters are not evicted before those resources are made available to them; and

WHEREAS, there have been significant delays in the processing and receipt of federal, state and local distribution of rental assistance to tenants and landlords; and

WHEREAS, a September 21, 2021, Seattle Times article identifies that King County has spent approximately \$34 million of the \$145 million of available federal funding, or approximately 24%, according to King County's Department of Community and Human Services, and that "Many tenants who have applied for rent assistance feel stuck in a 'black hole of bureaucracy'"; and

WHEREAS, the Coronavirus Aid, Relief, and Economic Security Act (CARES) unemployment benefits and additional \$300 per week for eligible claimants expired the week of September 4, 2021; and

WHEREAS, while federal, state and local rental assistance has been delayed in disbursement to tenants and landlords, and CARES unemployment benefits have expired, the Delta variant of COVID-19 has resulted in the increase in cases, illness, and death throughout the United States; and

WHEREAS, the CDC has reported in its "Delta Variant: What We Know About the Science", that the existing Delta variant of COVID-19 is two times more contagious than earlier COVID-19 forms, and data suggests it might cause more severe illness than previous variants in unvaccinated people; and

WHEREAS, as of September 22, 2021, the CDC's "COVID Data Tracker" identifies that in the United States there have been 42,234,211 cases, with a total of 675,071 deaths from COVID-19; and

WHEREAS, as of September 20, 2021, the Washington State Department of Health (DOH) COVID-19 Data Dashboard identifies that there have been 631,023 total cases, with 7,315 deaths in Washington State; and

WHEREAS, as of September 20, 2021, the Washington DOH identified that 68.9% of eligible Washingtonians have been fully vaccinated; however, the City Manager acknowledges that COVID-19 vaccines are currently only authorized for people 12 years of age and older, and children under 12 years of age cannot yet be vaccinated; and

WHEREAS, the Washington DOH COVID-19 Dashboard evidences that vaccination rates vary across the state, which leaves communities with low vaccination rates at risk for ongoing transmission of COVID-19, and unvaccinated people in these communities at risk for illness, hospitalization, and death from COVID-19; and

WHEREAS, the City Manager finds that the COVID-19 emergency has not ended and the continued ability to self-isolate at home during this continued COVID-19 emergency continues to be critical to containing, mitigating and reducing the transmission of COVID-19, and that residential tenant evictions severely undermine state and local emergency COVID-19 response efforts; and

WHEREAS, the City Manager finds that extending the Residential Eviction Moratorium will reduce economic hardship, housing instability, and related life, health, and safety risks to those members of the community impacted by COVID-19, or who are otherwise unable to pay rent as a result of the COVID-19 pandemic; and

WHEREAS, the City Manager finds that maintaining stable housing is a public health and economic imperative in the face of the ongoing COVID-19 pandemic, and that evictions during the pandemic could lead to increased homeless populations, crowding in shelters, and transmission of COVID-19; and

WHEREAS, the City Manager finds it necessary to give residential tenants and landlords the time necessary to apply for and receive federal, state and local COVID-19 rental assistance, and thus, finds it necessary to extend the Kenmore Residential Eviction Moratorium through December 31, 2021;

NOW, THEREFORE, THE CITY MANAGER OF THE CITY OF KENMORE, WASHINGTON, HEREBY PROCLAIMS, MAKES, ISSUES AND ADOPTS AN EMERGENCY COVID-19 RULE AS FOLLOWS:

1. Recitals.

- A. The recitals set forth above, which are incorporated herein by reference, are adopted as findings in support of the adoption of this proclamation and emergency rule.
- B. The recitals set forth in Emergency Proclamation 20-03, and 20-03.1 through 20.03.6, which are incorporated herein by reference, are also adopted as findings in support of the adoption of this proclamation and emergency rule.

C. Adoption COVID-19 Pandemic and Public Health Emergency Rule 20-03.7 -

Extending Temporary Moratorium on Residential Tenant Evictions: The City Manager of the City of Kenmore adopts the “Covid-19 Pandemic and Public Health Emergency Rule 20-03.7”, as set forth in Exhibit 1, attached hereto and incorporated by reference, which amends Emergency Rule 20-03 (as amended by Emergency Rules 20-03.1, 20-03.2, 20-03.3, 20-03.4, 20-03.5, and 20-03.6).

- D. Effective date & Duration. This proclamation and emergency rule shall be in full force and effect upon signature of the City Manager and its duration shall extend and be consistent with the attached Emergency Rule 20-03.7. The emergency rule shall be ratified by the City Council at the earliest practicable time.

Dated this 23rd day of September, 2021.

Signed *Rob Karlinsey*
Rob Karlinsev (Sep 23, 2021 08:47 PDT)
Rob Karlinsey, City Manager

Attested *Anastasiya Warhol*
Anastasiya Warhol (Sep 23, 2021 09:09 PDT)
Anastasiya Warhol, City Clerk
Date Sep 23, 2021



Exhibit 1
COVID-19 Pandemic and Public Health Emergency Rule 20-03.7
Extending Temporary Moratorium on Residential Tenant Evictions

1. PURPOSE:

A. The purpose of this Rule is to protect the health and safety of persons, provide emergency assistance to the victims of the COVID 19 emergency and establish procedures relating to mitigation of the pandemic illness and public health emergency currently taking place, which pose a continuing risk to the health and safety of staff and the community at large.

B. The purpose of this Rule is also to implement a containment and mitigation tool for the protection of the Kenmore community, by imposing a temporary moratorium on residential tenant evictions, and therefore reducing exposure to and transmission of COVID-19.

2. SCOPE: The temporary moratorium imposed under this Rule applies to all tenant evictions from residential dwelling units within the City's boundaries.

3. DEFINITIONS:

A. "City" means the City of Kenmore.

B. "Eviction" or "evictions" mean any and all acts or conduct taken by a landlord or owner to expel or cause a tenant to vacate a residential dwelling unit within the City.

C. "Landlord" means the owner, lessor, or sub-lessor of a residential dwelling unit or property of which it is a part, and in addition means any person designated as representative of the owner, lessor, or sub-lessor, but not limited to an agent, a resident manager, or designated property manager.

D. "Moratorium" means the prohibition, delay and/or suspension of an activity.

E. "Owner" means one or more persons, jointly or severally, in whom is vested: a) all or any part of the legal title to property containing a residential dwelling unit; or b) all or part of the beneficial ownership, and a right to present use and enjoyment of the property containing a residential dwelling unit.

- F. “Rental Agreement” means all agreements which establish or modify terms, conditions, rules, regulations, or any other provisions concerning the use and occupancy of a residential dwelling unit.
- G. “Rental Premises” means a residential dwelling unit, appurtenances thereto, grounds, and facilities held out for the use of tenants generally and any other area or facility which is held out for use by the tenant.
- H. “Residential Dwelling Unit” means a residential structure or that part of a residential structure which is used as a home, residence, or sleeping place by one person or by two or more persons maintaining a common household, including, but not limited to, single-family residences and units of multiplexes, apartment buildings, and mobile or manufactured homes.
- I. “Tenant” means any person who is entitled to occupy a residential dwelling unit primarily for living and dwelling purposes under a rental agreement, including but not limited to any person with a tenancy subject to Chapter 59.18 RCW and Chapter 59.20 RCW.

4. REFERENCES:

- A. Art. XI, Sec. 11 of the Washington State Constitution
- B. Chapter 7.05 RCW – Local Health Departments
- C. Chapter 7.08 RCW – Combined City-County Health Departments
- D. Chapter 70.26 RCW – Pandemic Influenza Preparedness
- E. RCW 38.52.070 – Emergency Powers
- F. Chapter 8.30 KMC – Emergency Operations Plan
- G. City of Kenmore Comprehensive Emergency Management Plan
- H. Washington Department of Health: doh.wa.gov
- I. Public Health – Seattle & King County: www.kingcounty.gov/depts/health.aspx
- J. *City of Kenmore Proclamation*, dated March 5, 2020
- K. *Proclamation By The Governor Amending Proclamations 20-05, 20-06 And 20-07, 20-08*, dated March 11, 2020
- L. *Proclamation By The Governor 20-05 - 20-19*, dated March 18, 2020;
- M. *Proclamation by the Governor 20-05, 20-19.- 19.6*, dated March 18, 2021
- N. *Proclamation by the Governor 21-09*, dated June 29, 2021
- O. Public Health – Seattle & King County, *Local Health Officer Order*, dated March 11, 2020, as amended.
- P. CDC’s “COVID Data Tracker”
- Q. *Washington State Department of Health “COVID-19 Data Dashboard”*
- R. *Losing Home: The Human Cost of Eviction in Seattle*, A report by the Seattle Women’s Commission and the Housing Justice Project of the King County Bar Association
- S. Letter dated August 27, 2021, from U.S. Dept. of Treasury, U.S. Dept. of Justice, and U.S. Dept. of Housing and Urban Development to Governors, Mayors, County Executives, and Chief Justices/State Court Administrators.

5. EMERGENCY RULE - TEMPORARY MORATORIUM IMPOSED:

- A. There is hereby adopted and imposed a temporary moratorium on all tenant evictions of residential dwelling units within the City by landlords and/or owners

of said residential dwelling units for the time period set forth in Section 7 of this Rule.

- B. A landlord or owner of a residential housing unit is prohibited from serving or enforcing, or threatening to serve or enforce, any notice requiring a tenant to vacate any residential dwelling unit, including but not limited to an eviction notice, notice to pay or vacate, notice of unlawful detainer, notice of termination of rental, or notice to comply or vacate. This prohibition applies to tenancies or other housing arrangements that have expired or that will expire during the effective period of this emergency rule. Further, no late fees or other charges due to late payment of rent shall accrue during the moratorium.
- C. For any pending residential tenant eviction, it shall be a defense that the eviction of the tenant would occur during this moratorium. Given the continued public health emergency and public safety issues, a court may grant a continuance for future hearing date in order for the eviction action to be heard after the moratorium.

6. **EXCEPTION TO MORATORIUM:** The temporary moratorium imposed under Section 5 of this Rule shall not apply to: (a) evictions relating to the protection of life and safety, including, but not limited to circumstances where action is necessary to respond to a significant and immediate risk to the health, safety, or property of others created by the tenant, including but not limited to when a tenant threatens another tenant or other person(s) with a firearm or other deadly weapon, or some other unlawful use of a firearm or other deadly weapon on the rental premises, or for physically assaulting or placing another person in immediate physical danger on the rental premises; (b) evictions issued for waste, nuisance or commission of a crime on the rental premises; or (c) upon the property owner providing at least 60 days' written notice of intent to (i) personally occupy the premises as a primary residence, or (ii) sell the property. The landlord, property owner or property manager shall attach an affidavit to the eviction or termination of tenancy notice attesting that the action is necessary to respond to one of the exemptions authorized in this Section 6. The required affidavit shall be signed under penalty of perjury.

7. **DURATION:** The temporary moratorium imposed in Section 5 of this Rule shall be in full force and effect upon signature of the City Manager, and ratification by the City Council, and its duration shall extend until 11:59 p.m. on ~~September 30~~ December 31, 2021. The City Manager shall have the authority, in his discretion, to extend the temporary moratorium for additional time periods based on public health necessity.

Dated this 23rd day of September, 2021


Signed [Rob Karlinsey \(Sep 23, 2021 08:47 PDT\)](#)
Rob Karlinsey, City Manager


Attested [Anastasiya Warhol \(Sep 23, 2021 09:09 PDT\)](#)
Anastasiya Warhol, City Clerk

20-03.7 Proclamation Residential Eviction Moratorium Extending to Dec 31 2021 (rev Sept 20)

Final Audit Report

2021-09-23

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