



ADDENDUM NO. 02

68th/ Simonds Restriping and NE 170th Sidewalk Improvement Project

Bid No. 24-C3028

Friday April 19, 2024

Electronic Bids Due: 2:00 PM on April 24th, 2024

TO: Prospective Bidders

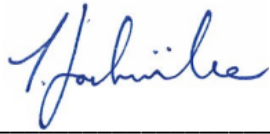
This Addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated April 2024. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject Bidder to disqualification.

Summary of Modifications (18 pages):

1. Call For Bids: Bid due date changed to April 24, 2024 at 2:00pm. (2 pages)
2. Bid Submittal Checklist: Bid Signature page added (1 page)
3. Bid Proposal Sheets (7 Pages)
 - a. Quantity change on Item A6. Uniformed Police Officer.
 - b. NE 170th Sidewalk bid items have been moved to Schedule B.
 - c. Schedule B Item number format changed to B1, B2, etc...
 - d. Quantity change on B29. (formerly A52) Plastic Wide Line.
 - e. Quantity change on B30. (formerly A53) Plastic Stop Line.
 - f. Quantity change on B37. (formerly A60) Green MMA Bike Lane
 - g. New item: B38. Plastic Crosswalk
 - h. Bid Signature Page: Working days changed to 60 Days.
4. Appendix D: Traffic Control Plan. (2 pages)
5. Plans sheets changes: CH04, CHD01, SGN, SG1, SG2, SG3. (6 pages)

END OF ADDENDUM

Accepted by

A handwritten signature in blue ink, appearing to read "T. Joachimides", is positioned above a horizontal line.

Thomas Joachimides, PE
Senior Civil Engineer / Project Manager
City of Kenmore

Attachments: 18 pages

THE BID DOCUMENTS ARE MODIFIED AS FOLLOWS:



CITY OF KENMORE CALL FOR BIDS

PROJECT NAME: 68th/Simonds Road Restriping and NE 170th Sidewalk Improvements Project

BID NUMBER: 24-C3028

BIDS DUE: April 24, 2024 at 2:00 PM EXACTLY

Notice is hereby given that sealed bid proposals will be received by Kenmore City Clerk via email at bids@kenmorewa.gov. **Bids are due no later than 2:00:00 PM EXACTLY, Pacific local time on April 24, 2024**, at which time bids for the above referenced project will be opened and publicly read via webcast. The link to the virtual bid opening will be provided on the City's website at www.kenmorewa.gov/requestsforproposals at least 1 hour prior to the webcast. Bidders shall refer to Section II – Instructions to Bidders and General Terms and Conditions for additional information. Bid proposals received after this date and time will not be considered.

The City of Kenmore seeks a contractor to furnish all labor, materials and equipment necessary to complete the project referenced above. This project includes the following elements:

- New channelization and signage on 68th Ave NE between NE 175th St and NE 181st Street.
- New channelization and signage on NE 170th Street / Simonds Road between Janita Drive NE and 92nd Avenue NE.
- Signal modifications at the intersection of NE 170th Street and Juanita Drive NE.
- New channelization at the intersection of Juanita Drive NE and NE 153rd Place.
- New sidewalk on NE 170th Street from Rhododendron Park to 72nd Ave NE.

All bidding shall be based upon compliance with the Contract Plans and Contract Provisions.

The estimated construction cost: \$600,000.

Contract Working Days: 60

Free-of-charge access to project bid documents (plans, specifications, addenda, and Bidders List) is provided to Prime Bidders, Subcontractors, and Vendors by going to www.bxwa.com and clicking on "Posted Projects", "Public Works", and "City of Kenmore". This online plan room provides Bidders with fully usable online documents with the ability to: download, view, print, order full/partial plan sets from numerous reprographic sources, and a free online digitizer/take-off tool. It is recommended that Bidders "Register" in order to receive automatic e-mail notification of future addenda and to place themselves on the "Self-Registered Bidders List". Bidders that do not register will not be automatically notified of addenda and will need to periodically check the on-line plan room for addenda issued on this project. Contact Builders Exchange of Washington at (425) 258-1303 should you require assistance with access or registration. Plans, specifications, and addenda are also available for viewing on the City's website at www.kenmorewa.gov/requestsforproposals. All

questions regarding this project shall be submitted electronically to Thomas Joachimides at tjoachimides@kenmorewa.gov, the City will not respond to phone calls.

All bidders must certify that they are not on the Controller General's list of ineligible contractors or on the list of parties excluded from Federal procurement or non-procurement programs.

The City of Kenmore in accordance with Title VI of the Civil Rights Act of 1964, 78 Stat. 252, 42 USC 2000d to 2000d-4 and Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Nondiscrimination in Federally-Assisted Programs of the Department of Transportation issued pursuant to such Act, hereby notifies all bidders that it will affirmatively ensure that in any contract entered into pursuant to this advertisement, disadvantaged business enterprises as defined at 49 CFR Part 26 will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, national origin, or sex in consideration for an award.

Published:

Seattle Times and Seattle Daily Journal of Commerce – March 28, 2024; April 1, 2024; April 3, 2024

Bid Submittal Checklist

- ☐ **BID PROPOSAL SHEETS (6 Pages)**
- ☐ **BID SIGNATURE PAGE (1 Page)**
- ☐ **STATEMENT OF QUALIFICATIONS (2 Pages)**
- ☐ **NONCOLLUSION DECLARATION**
- ☐ **CERTIFICATION OF COMPLIANCE WITH WAGE
PAYMENT STATUTES**
- ☐ **BID BOND**

Failure to submit all of the above items will result in the bid being non-responsive.



BID PROPOSAL SHEET

68th/Simonds Road Restriping and NE 170th Sidewalk Improvements Project Bid No.: 24-C3028

Having carefully examined all documents enclosed herein, the undersigned proposes to perform all Work in strict compliance with all documents, for the amount set forth below.

Schedule A - Base Bid

Work under this schedule includes: All work except for the intersection of 68th Ave NE & NE 170th St, and NE 170th St between 68th Ave NE and 72nd Ave NE.

Item No	Item Of Work	Bid Quantity	Unit	Unit Prices	Amount
<i>DIVISION 1 – General Requirements</i>					
A1.	Mobilization	1	LS		
A2.	Unexpected Site Changes	5,000	Dol	\$1.00	
A3.	Roadway Surveying	1	LS		
A4.	SPCC Plan	1	LS		
A5.	Project Temporary Traffic Control	1	LS		
A6.	Uniformed Police Officer	96	HR		
<i>DIVISION 8– Miscellaneous Construction</i>					
A7.	SWPPP Preparation and Maintenance	1	LS		
A8.	Precast Dual Faced Sloped Mountable Curb	145	LF		
A9.	Permanent Signing	1	LS		
A10.	Paint Line	18,000	LF		
A11.	Wide Paint Line	640	LF		
A12.	Profiled Plastic Line	14,000	LF		

COMPANY NAME_____



BID PROPOSAL SHEET

68th/Simonds Road Restriping and NE 170th Sidewalk Improvements Project
Bid No.: 24-C3028

Item No	Item Of Work	Bid Quantity	Unit	Unit Prices	Amount
A13.	Profiled Plastic Wide Line	700	LF		
A14.	Plastic Wide Line	800	LF		
A15.	Plastic Stop Line	180	LF		
A16.	Plastic Bicycle Sharrow Symbol	6	EA		
A17.	Plastic Bike Symbol	17	EA		
A18.	Plastic Traffic Letter	68	EA		
A19.	Plastic Traffic Arrow	21	EA		
A20.	Flexible Guide Posts	18	EA		
A21.	White Raised Pavement Marker Type 2	14	Hund.		
A22.	Yellow Raised Pavement Marker Type 2	1	Hund.		
A23.	Green MMA Bike Lane	7,260	SF		

TOTAL SCHEDULE A BID _____
(Figures)

(Words)

COMPANY NAME _____



BID PROPOSAL SHEET

68th/Simonds Road Restriping and NE 170th Sidewalk Improvements Project Bid No.: 24-C3028

Having carefully examined all documents enclosed herein, the undersigned proposes to perform all Work in strict compliance with all documents, for the amount set forth below.

Schedule B – NE 170th Ped-Bike Improvements

Work under this schedule includes: Channelization, signage, and signal modification at the intersection of 68th Ave NE & NE 170th, and NE 170th St between 68th Ave NE and 72nd Ave NE.

Item No	Item Of Work	Bid Quantity	Unit	Unit Prices	Amount
<i>DIVISION 1 – General Requirements</i>					
B1.	Mobilization	1	LS		
B2.	Unexpected Site Changes	5000	Dol	\$1.00	
B3.	Roadway Surveying	1	LS		
B4.	Project Temporary Traffic Control	1	LS		
B5.	Uniformed Police Officer	16	HR		
<i>DIVISION 2 – Earthwork</i>					
B6.	Clearing and Grubbing	1	LS		
B7.	Removal of Structures and Obstructions	1	LS		
B8.	Sawcutting	244	LF		
B9.	Roadway Excavation Incl. Haul	126	CY		
<i>DIVISION 4– Bases</i>					
B10.	Crushed Surfacing Top Course	66	TN		
<i>DIVISION 5– Surface Treatments and Pavements</i>					
B11.	HMA Cl. 1/2 In. PG 64-22	33	TN		

COMPANY NAME_____



BID PROPOSAL SHEET

68th/Simonds Road Restriping and NE 170th Sidewalk Improvements Project
Bid No.: 24-C3028

Item No	Item Of Work	Bid Quantity	Unit	Unit Prices	Amount
<i>DIVISION 8- Miscellaneous Construction</i>					
B12.	Erosion and Water Pollution Control	1	LS		
B13.	SWPPP Preparation and Maintenance	1	LS		
B14.	Inlet Protection	10	EA		
B15.	Roadside Restoration	1	LS		
B16.	Cement Conc. Traffic Curb and Gutter	216	LF		
B17.	Cement Conc. Driveway Entrance Type 1	87	SY		
B18.	Cement Conc. Driveway Entrance Type 2	29	SY		
B19.	Cement Conc. Sidewalk	270	SY		
B20.	Cement Conc. Sidewalk with Integral Curb	43	LF		
B21.	Cement Conc. Sidewalk with Thickened Edge	25	LF		
B22.	Mailbox Collection Box Unit	1	EA		
B23.	Traffic Signal System 68 th Ave NE / NE 170 th St	1	LS		
B24.	Permanent Signing	1	LS		
B25.	Paint Line	3,000	LF		
B26.	Profiled Plastic Line	3,100	LF		
B27.	Profiled Plastic Wide Line	200	LF		
B28.	Plastic Line	140	LF		

COMPANY NAME_____



BID PROPOSAL SHEET

68th/Simonds Road Restriping and NE 170th Sidewalk Improvements Project
Bid No.: 24-C3028

Item No	Item Of Work	Bid Quantity	Unit	Unit Prices	Amount
B29.	Plastic Wide Line	500	LF		
B30.	Plastic Stop Line	70	LF		
B31.	Plastic Bike Symbol	12	EA		
B32.	Plastic Traffic Letter	4	EA		
B33.	Plastic Traffic Arrows	9	EA		
B34.	Flexible Guide Posts	20	EA		
B35.	White Raised Pavement Marker Type 2	2	HUND		
B36.	Yellow Raised Pavement Marker Type 2	1	HUND		
B37.	Green MMA Bike Lane	1,150	SF		
B38.	Plastic Crosswalk	110	SF		

TOTAL SCHEDULE B BID _____
(Figures)

(Words)

COMPANY NAME _____



BID PROPOSAL SHEET

68th/Simonds Road Restriping and NE 170th Sidewalk Improvements Project
Bid No.: 24-C3028

TOTAL SCHEDULE A BID _____
(Figures)

TOTAL SCHEDULE A BID _____
(Words)

TOTAL SCHEDULE B BID _____
(Figures)

TOTAL SCHEDULE B BID _____
(Words)

TOTAL BASE BID (SCHEDULE A + SCHEDULE B) _____
(Figures)

TOTAL BASE BID (Words)

COMPANY NAME _____



BID PROPOSAL SHEET

68th/Simonds Road Restriping and NE 170th Sidewalk Improvements Project
Bid No.: 24-C3028

BID SIGNATURE PAGE

- Use ink and print legibly
- Make sure to initial and date any changes, erasures, or cross-outs in your bid
- All information regarding this bid may be sent to the mailing address, phone number or email provided below
- The bid includes all State of Washington or local sales tax, pursuant to the requirements of Rule 171 of the Department of Revenue, where applicable.
- Bidder acknowledges receipt of **addenda** ___ through ___. No addenda issued ☐
- If awarded the contract, the undersigned agrees to complete all the work as specified for the above listed project within 60 WORKING DAYS after the indicated starting date appearing in an official "Notice to Proceed" issued by the City.
- The bidder hereby certifies that, within the three-year period immediately preceding the bid solicitation date (March 28, 2024), that the bidder is not a "willful" violator, as defined in RCW 49.48.082, of any provision of chapters 49.46, 49.48, or 49.52 RCW, as determined by a final and binding citation and notice of assessment issued by the Department of Labor and Industries or through a civil judgment entered by a court of limited or general jurisdiction.

I certify under penalty of perjury under the laws of the State of Washington that the foregoing is true and correct.

Company name: _____

Check one: Individual ☐ Partnership ☐ Joint Venture ☐ Corporation ☐

Address: _____

Mailing Address: _____

City/State/Zip: _____

Phone: _____

E-Mail: _____

Signed by (Printed): _____

Title of Signatory: _____

Bid Signature: _____ Date: _____

COMPANY NAME _____

APPENDIX D

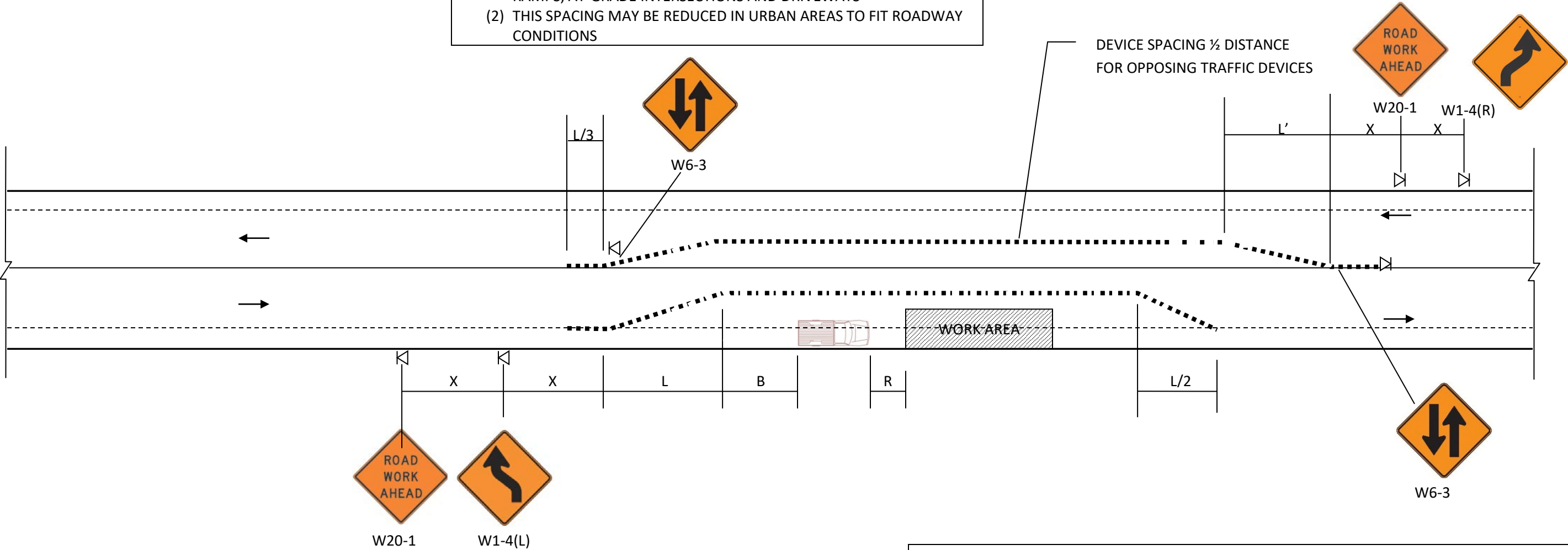
Traffic Control Plan

BUFFER DATA					
LONGITUDINAL BUFFER SPACE = B					
SPEED (MPH)	25	30	35	40	45
LENGTH (feet)	155	200	250	305	360
BUFFER VEHICLE ROLL AHEAD DISTANCE = R					
PROTECTIVE VEHICLE MAY BE A WORK VEHICLE STRATEGICALLY LOCATED TO SHIELD THE WORK AREA				NO SPECIFIC DISTANCE REQUIRED	

SIGN SPACING = X ⁽¹⁾		
RURAL HIGHWAYS	60 / 65 MPH	800' ±
RURAL ROADS	45 / 55 MPH	500' ±
RURAL ROADS & URBAN ARTERIALS	35 / 40 MPH	350' ±
RURAL ROADS & URBAN ARTERIALS RESIDENTIAL & BUSINESS DISTRICTS	25 / 30 MPH	200' ± ⁽²⁾
URBAN STREETS	25 MPH OR LESS	100' ± ⁽²⁾
(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT-GRADE INTERSECTIONS AND DRIVEWAYS		
(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS		

MINIMUM TAPER LENGTH = L (feet)					
LANE WIDTH (feet)	Posted Speed (mph)				
	25	30	35	40	45
10	105	150	205	270	450
11	115	165	225	295	495
12	125	180	245	320	540
MINIMUM SHOULDER/BIKE LANE TAPER LENGTH = L/3					

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/60	40	80
35/45	30	60
25/30	20	40



LEGEND	
	TEMPORARY SIGN LOCATION
	CHANNELIZATION DEVICE
	PROTECTIVE VEHICLE
	FLAGGING STATION
	PEDESTRIAN ROUTE
	TEMPORARY ADA ACCESSIBLE RAMP (RUNNING SLOPE <8.3%)
	UNIFORMED POLICE OFFICERS REQUIRED IF TRAFFIC CONTROL IS WITHIN 50 FT OF A SIGNALIZED INTERSECTION

NOTES	
1.	ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE NOTED
2.	PROVIDE PEDESTRIAN ACCESS AT ALL TIMES
3.	MAINTAIN A MINIMUM OF 10 FOOT WIDTH FOR TRAVEL LANES
4.	FOR SIGN SIZE, REFER TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD)
5.	CHANNELIZATION DEVICES SHALL MEET MUTCD
6.	EXTEND CHANNELIZATION DEVICES TO CURB WHERE APPLICABLE
7.	MAINTAIN A MINIMUM OF 4 FOOT WIDTH FOR PEDESTRIAN ACCESS. USE PEDESTRIAN DETOUR IF WORK AREA IMPACTS PEDESTRIAN ROUTE






NOT TO SCALE

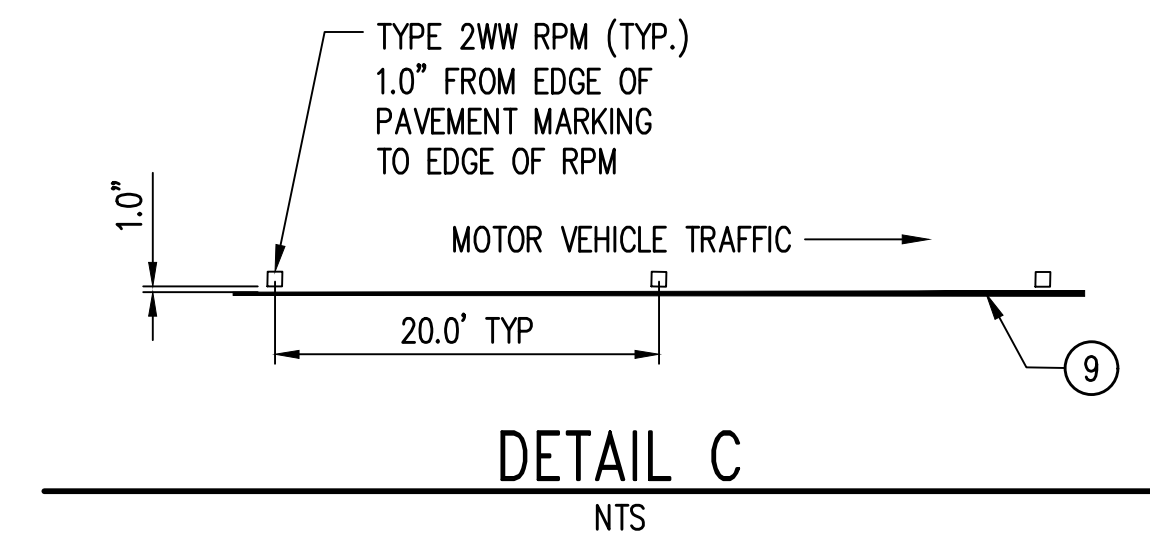
	CITY OF KENMORE Public Works Engineering 18120 68th Ave NE Kenmore, WA 98028 425-398-8900	Note	Description	Date	By	TRAFFIC CONTROL PLAN LANE SHIFT – 2 LANE	FIGURE 1.013

1. BIKE LANES SHALL HAVE A MINIMUM WIDTH OF 5.0'.
2. REMOVE EXISTING PAVEMENT MARKINGS WHERE THEY CONFLICT WITH MARKINGS ON PLAN.
3. SEE SIGNAL PLANS SIGN TYPES AND LOCATIONS.

- ① 4" WHITE PROFILED PLASTIC EDGE LINE PER WSDOT STD PLAN M-20.20-02, AND RAISED PAVEMENT MARKERS PER DETAIL B ON SHEET CH04.
- ② 4" DOUBLE YELLOW PROFILED PLASTIC LINE PER WSDOT STD PLAN M-20.20-02, AND RAISED PAVEMENT MARKERS TYPE 2YY @ 40' O.C. PER KSD FIG 4-002.
- ③ 4" WHITE SOLID PAINT LANE LINE PER KSD FIG 4-004.
- ④ PLASTIC STOP LINE PER KSD FIG 4-001.
- ⑤ PLASTIC BICYCLE DETECTOR PAVEMENT MARKING PER MUTCD 11TH ED FIG 9E-16.
- ⑥ GREEN PLASTIC BIKE LANE PER KSD STD FIG 4-004.
- ⑦ 4" WHITE PROFILED PLASTIC DOTTED EXTENSION LINE PER WSDOT STD PLANS M-20.20-02 AND M-20.10-03.
- ⑧ PRESERVE AND PROTECT FEATURE AS NOTED.
- ⑨ 8" WHITE PROFILED PLASTIC LANE LINE PER WSDOT STD PLAN M-20.20-02, AND RAISED PAVEMENT MARKERS PER DETAIL C ON SHEET CH04.
- ⑭ INSTALL WHITE 48" SURFACE MOUNTED, FLEXIBLE GUIDE POST, TYPE WW PER WSDOT STD PLAN M-40.10-04.
- ②④ 4" WHITE SOLID PLASTIC LINE PER KSD FIG 4-004.
- ②⑤ 8" SOLID WHITE PLASTIC LINE PER WSDOT STD PLAN M-20.10-03 WIDE SOLID LANE LINE.

5 R10-15B PER DETAIL F ON SHEET SND01. INSTALL ON NEW POST.

- | | |
|---|--|
|  | PLASTIC BICYCLE SYMBOL
PER WSDOT STD PLAN M-9.50-02 |
|  | PLASTIC BIKE LANE CROSSING PER KSD FIGURE 4-004 |
|  | SIGN |
|  | PLSTIC TRAFFIC ARROWS FOR LOW-SPEED ROADWAYS
STANDARD PLAN M-24.40-02 |
|  | PLASTIC TRAFFIC LETTER AND NUMERAL LOW SPEED
APPLICATIONS PER WSDOT STD PLAN M-80.10-01 AND
M-80.30-00 |



Know what's **below**.
Call before you dig.

MATCHLINE: SEE CH05

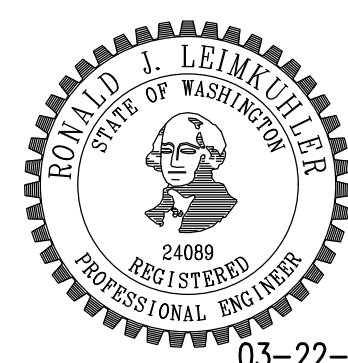
BID DOCUMENTS ONLY NOT FOR CONSTRUCTION

1	04/16/24	170TH & JUANITA INTERSECTION	CJO	NDA
No	Date	Revision	By	Appr

CITY OF KENMORE
Public Works Department
18120 68th Ave NE
Kenmore, WA 98028
425-398-8900

DRAWN BY MRV CHECKED BY NDA 03/22/2024 J O B No. :

DESIGNED BY
CJO
APPROVED BY
RJL



kpff

1601 5th Avenue, Suite 1600
Seattle, WA 98101
206.622.5822
www.kpff.com

**68TH / SIMONDS ROAD RESTRIPIING AND
NE 170TH SIDEWALK IMPROVEMENTS PROJECT**

NE 170TH ST AND SIMONDS RD NE CHANNELIZATION PLAN

SHEET 14 OF 37

CH04

SCALE: 1"=20'

Name: ChrisO Date: Apr 16, 2024-01:53:32pm File: Z:\2300001-2309999\2300062 Kenmore Trans On-Call (No. 22-C2862)\CAD\Sheets\KMSR-CH-N.dwg

GENERAL NOTES:

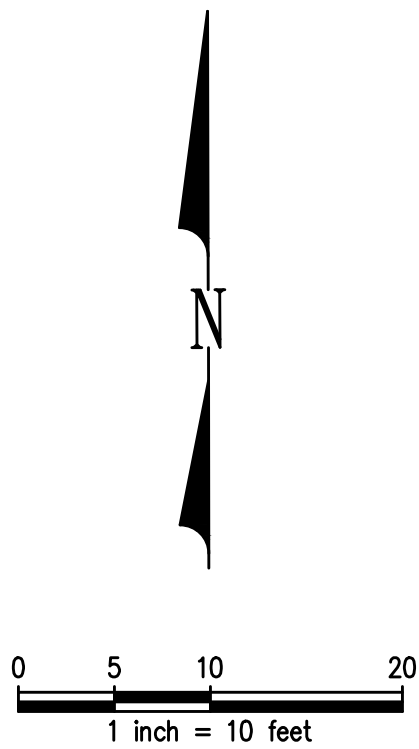
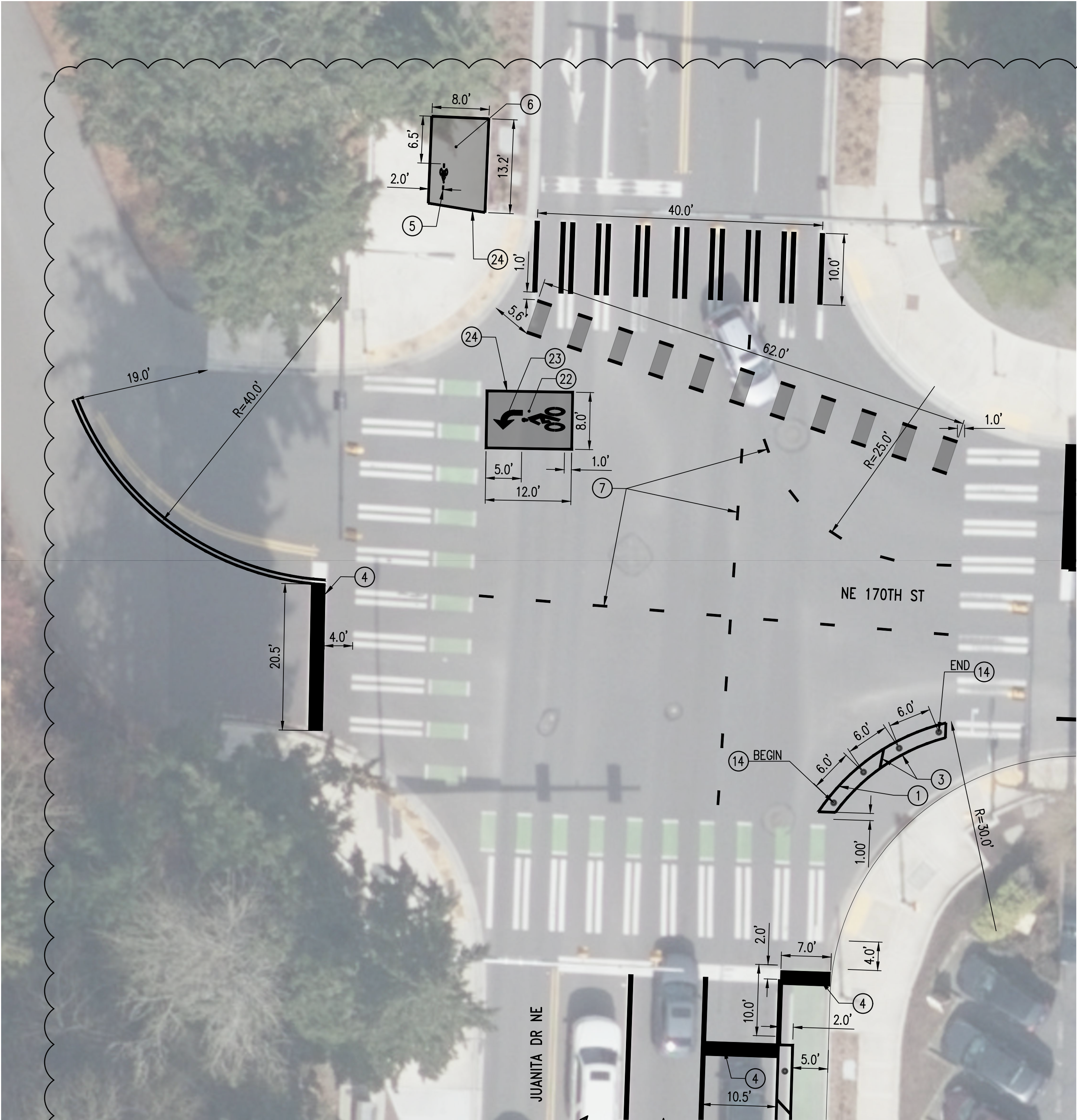
- BIKE LANES SHALL HAVE A MINIMUM WIDTH OF 5.0'.
- REMOVE EXISTING PAVEMENT MARKINGS WHERE THEY CONFLICT WITH MARKINGS ON PLAN.
- SEE SIGNAL PLANS FOR SIGN TYPES AND LOCATIONS.

LEGEND:

- ↑
PLASTIC BICYCLE SYMBOL
PER WSDOT STD PLAN M-9.50-02
- |||||
PLASTIC BIKE LANE CROSSING PER KSD FIGURE 4-004
- ←•→
SIGN
- ↑↑↑↑
PLASTIC TRAFFIC ARROWS FOR LOW-SPEED ROADWAYS
STANDARD PLAN M-24.40-02
- |||||
PLASTIC CROSSWALK PER KSD FIGURE 4-001

CONSTRUCTION NOTES:

- 4" WHITE PROFILED PLASTIC EDGE LINE PER WSDOT STD PLAN M-20.20-02, AND RAISED PAVEMENT MARKERS PER DETAIL B ON SHEET CH04.
- 4" DOUBLE YELLOW PROFILED PLASTIC LINE PER WSDOT STD PLAN M-20.20-02, AND RAISED PAVEMENT MARKERS TYPE 2YY @ 40' O.C. PER KSD FIG 4-002.
- 4" WHITE SOLID PAINT LANE LINE PER KSD FIG 4-004.
- PLASTIC STOP LINE PER KSD FIG 4-001.
- PLASTIC BICYCLE DETECTOR PAVEMENT MARKING PER MUTCD 11TH ED FIG 9E-16.
- GREEN PLASTIC BIKE LANE PER KSD STD FIG 4-004.
- 4" WHITE PROFILED PLASTIC DOTTED EXTENSION LINE PER WSDOT STD PLANS M-20.20-02 AND M-20.10-03.
- PRESERVE AND PROTECT FEATURE AS NOTED.
- 8" WHITE PROFILED PLASTIC LANE LINE PER WSDOT STD PLAN M-20.20-02, AND RAISED PAVEMENT MARKERS PER DETAIL C ON SHEET CH04.
- INSTALL WHITE 48" SURFACE MOUNTED, FLEXIBLE GUIDE POST, TYPE WW PER WSDOT STD PLAN M-40.10-04.
- GREEN PLASTIC AREA MARKING, PLASTIC PER KSD STD FIG 4-004.
- 4.0' HEIGHT LEFT TURN TRAFFIC ARROW.
- 4" WHITE SOLID PLASTIC LINE PER KSD FIG 4-004.
- 8" SOLID WHITE PLASTIC LINE PER WSDOT STD PLAN M-20.10-03 WIDE SOLID LANE LINE.



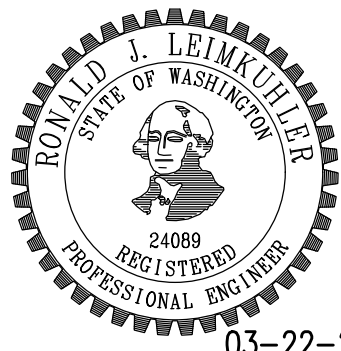
BID DOCUMENTS ONLY NOT FOR CONSTRUCTION

1	04/16/24	170TH & JUANITA INTERSECTION	CJO	NDA
No	Date	Revision	By	Appr

CITY OF KENMORE
Public Works Department
18120 68th Ave NE
Kenmore, WA 98028
425-398-8900

DRAWN BY
MRV
CHECKED BY
NDA
03/22/2024
J O B No. :

DESIGNED BY
CJO
APPROVED BY
RJL



kpff

1601 5th Avenue, Suite 1600
Seattle, WA 98101
206.622.5822
www.kpff.com

68TH / SIMONDS ROAD RESTRIPIING AND
NE 170TH SIDEWALK IMPROVEMENTS PROJECT

NE 170TH ST AND SIMONDS RD NE
CHANNELIZATION DETAIL

SHEET 31 OF 37

CHD01

SCALE: 1"=20'

Name: dks Date: Apr 19, 2024-09:19:06am File: H:\p\ Projects\2022\22.76 (KPF) City of Kenmore On-call\T010 - Juanita and 170th Signal Modifications\5.0 CAD\SGN.dwg

GENERAL NOTES

1. EXISTING SIGNALIZED CROSSWALKS SHALL REMAIN OPEN AND OPERATIONAL AT ALL TIMES EXCEPT WHEN APPROVED BY INSPECTOR.
2. ALL TRAFFIC SIGNAL EQUIPMENT AND INSTALLATION SHALL CONFORM TO KING COUNTY'S GENERAL SPECIAL PROVISIONS UNLESS OTHERWISE NOTED.
3. THE LOCATIONS OF EXISTING FEATURES SHOWN ARE APPROXIMATE AND SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR AS NECESSARY.
4. THE CONTRACTOR SHALL SUBMIT A REQUEST TO THE INSPECTOR FOR MATERIALS APPROVAL AT THE EARLIEST POSSIBLE DATE.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES. THE CONTRACTOR SHALL NOTIFY THE AFFECTED UTILITY COMPANY AND THE CITY OF KENMORE IMMEDIATELY UPON DAMAGE.
6. ALL SIGNAL CONDUCTORS SHALL BE LABELED IN EACH JUNCTION BOX.
7. CONTRACTOR SHALL NOTIFY KING COUNTY SIGNAL INSPECTION SUPERVISOR 72 HOURS PRIOR TO COMMENCING WORK.
8. SIGNAL HEADS SHALL HAVE 12-INCH L.E.D. LENSES, TUNNEL VISORS, AND 5-INCH BLACK BACKPLATES, WITH 3-INCH WIDE RETROREFLECTIVE TAPE AROUND THE OUTSIDE PERIMETER.
9. ALL SIGNS SHALL BE INSTALLED PER WSDOT STANDARD DETAIL G-20.10-02 AND PER CITY OF KENMORE ROAD STANDARD FIGURE 6-002.
10. SIGN LOCATIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.

CONSTRUCTION NOTES

- 1 MOUNT BICYCLE HEAD ON THE EXISTING POLE. SEE SIGNAL DISPLAY MOUNTING SCHEDULE ON SG2 FOR MOUNTING DETAILS.
- 2 INSTALL NEW SIGN ON NEW POST TYPE AS PER CITY OF KENMORE ROAD STANDARD FIGURE 6-002.
- 3 DRILL A 1" (IN) HOLE INTO THE FRONT SIDE OF THE SIGNAL MAST ARM, DEBURR, AND INSTALL A RUBBER GROMMET IN THE HOLE. INSTALL VEHICLE SIGNAL HEAD WITH ASTROBRACKET, OR APPROVED EQUAL OVER THE 1" HOLE. SEE DETAIL 1 ON SG2.

REMOVAL NOTES

- R1 REMOVE EXISTING VEHICLE HEAD FROM THE EXISTING MAST ARM.

RELOCATION NOTES

- RL1 RELOCATE EXISTING VEHICLE HEAD 81 ON THE MAST ARM. DRILL A 1" HOLE INTO THE FRONT SIDE OF THE SIGNAL MAST ARM, DEBURR, AND INSTALL A RUBBER GROMMET IN THE HOLE. INSTALL THE RELOCATED VEHICLE SIGNAL HEAD WITH ASTROBRACKET, OR APPROVED EQUAL OVER THE 1" HOLE. SEE DETAILS ON SG2.
- RL2 RELOCATE EXISTING BLANK-OUT SIGN ON THE MAST ARM.
- RL3 RELOCATE EXISTING BICYCLE HEAD MOUNTED ON THE EXISTING POLE 1 TO POLE 4.

SIGNALIZATION SYMBOLS

SYMBOL EXIST.	DESCRIPTION PROP.	DESCRIPTION
		JUNCTION BOXES (TYPE I, II, III)
		PEDESTRIAN PUSHBUTTON POST W/ PUSHBUTTON
		BICYCLE PUSHBUTTON POST W/ PUSHBUTTON AND SIGN
		PEDESTRIAN SIGNAL HEAD
		SIGNAL CONTROLLER
		ELECTRICAL SERVICE CABINET
		BLANK-OUT MAST ARM SIGN
		MAST ARM SIGN
		TRAFFIC SIGNAL POLE W/ LUMINAIRE
		BICYCLE SIGNAL HEAD
		VEHICLE SIGNAL HEAD
		PRE-EMPTION DETECTOR
		VEHICLE SIGNAL HEAD- LEFT TURN
		POLE MOUNTED SIGN
		VEHICLE SIGNAL HEAD- RIGHT TURN
		SIGNAL WIRE NOTE NUMBER
		SIGN NUMBER

	4/19/24	170TH & JUANITA INTERSECTION		
No	Date	Revision	By	Appr

CITY OF KENMORE
Public Works Department
18120 68th Ave NE
Kenmore, WA 98028
425-398-8900

DRAWN BY DS	DESIGNED BY DS
CHECKED BY SZR	APPROVED BY MCP
3/25/2024	
J O B No. : 2000107	



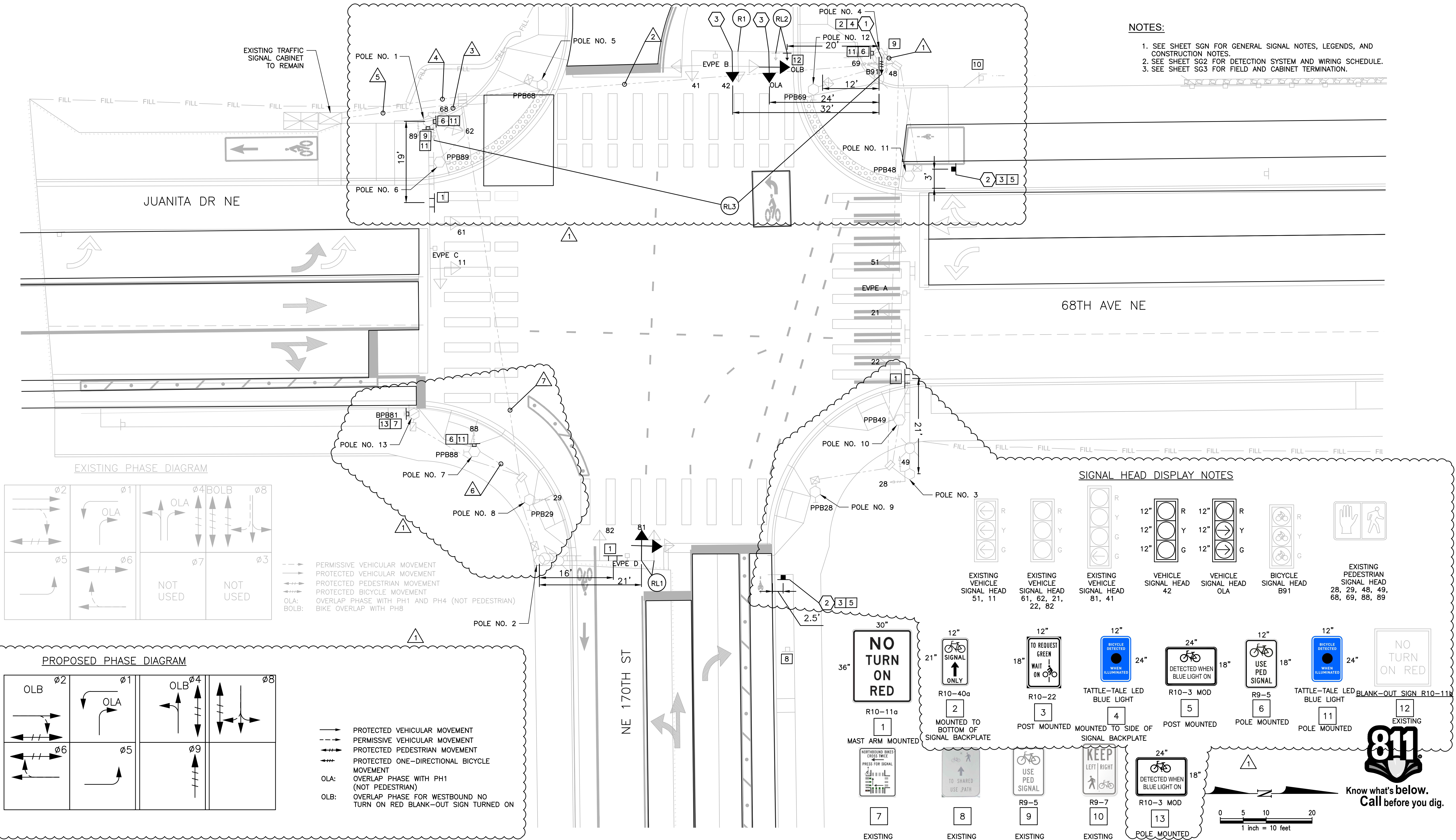
68TH AVE NE & SIMONDS RD NE
CHANNELIZATION IMPROVEMENT

SIGNALIZATION NOTES
NE 170TH ST AND 68TH AVE NE

SHEET 32 of 37
SGN
SCALE: NTS



Name: dks Date: Apr 19, 2024-09:19:33am File: H:\p\ Projects\2022\22.76 (KPF) City of Kenmore On-call\T010 - Juanita and 170th Signal Modifications\5.0 CAD\SG1.dwg

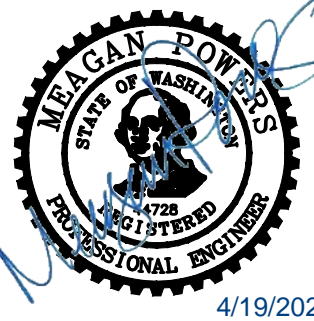


1	4/19/24	170TH & JUANITA INTERSECTION			
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Public Works Department
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68TH AVE NE & SIMONDS RD NE
CHANNELIZATION IMPROVEMENT

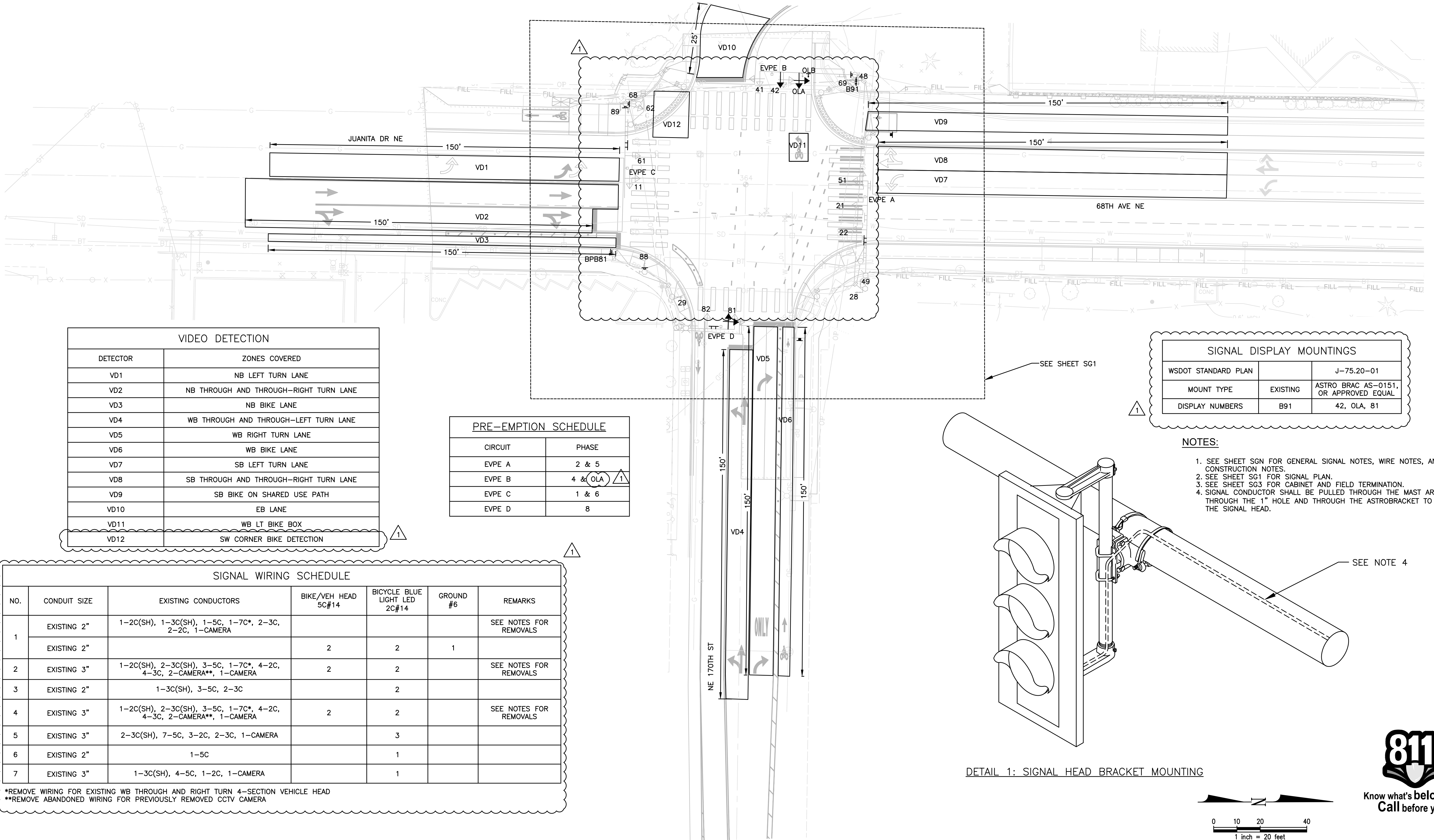
SIGNALIZATION PLAN
NE 170TH ST AND 68TH AVE NE

SHEET 33 of 37

SG1

SCALE: 1"=10'

Name: dks Date: Apr 19, 2024-09:09:03am File: H:\p\ Projects\2022\22.76 (KPF) City of Kenmore On-call\T010 - Juanita and 170th Signal Modifications\5.0 CAD\SG2.dwg



VIDEO DETECTION	
DETECTOR	ZONES COVERED
VD1	NB LEFT TURN LANE
VD2	NB THROUGH AND THROUGH-RIGHT TURN LANE
VD3	NB BIKE LANE
VD4	WB THROUGH AND THROUGH-LEFT TURN LANE
VD5	WB RIGHT TURN LANE
VD6	WB BIKE LANE
VD7	SB LEFT TURN LANE
VD8	SB THROUGH AND THROUGH-RIGHT TURN LANE
VD9	SB BIKE ON SHARED USE PATH
VD10	EB LANE
VD11	WB LT BIKE BOX
VD12	SW CORNER BIKE DETECTION

PRE-EMPTION SCHEDULE	
CIRCUIT	PHASE
EVPE A	2 & 5
EVPE B	4 & OLA
EVPE C	1 & 6
EVPE D	8

SIGNAL DISPLAY MOUNTINGS		
WSDOT STANDARD PLAN		J-75.20-01
MOUNT TYPE	EXISTING	ASTRO BRAC AS-0151, OR APPROVED EQUAL
DISPLAY NUMBERS	B91	42, OLA, 81

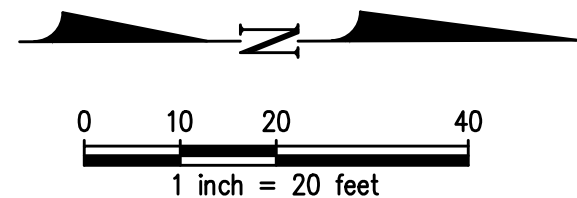
NOTES:

- SEE SHEET SGN FOR GENERAL SIGNAL NOTES, WIRE NOTES, AND CONSTRUCTION NOTES.
- SEE SHEET SG1 FOR SIGNAL PLAN.
- SEE SHEET SG3 FOR CABINET AND FIELD TERMINATION.
- SIGNAL CONDUCTOR SHALL BE PULLED THROUGH THE MAST ARM THROUGH THE 1" HOLE AND THROUGH THE ASTROBRACKET TO THE SIGNAL HEAD.

SIGNAL WIRING SCHEDULE						
NO.	CONDUIT SIZE	EXISTING CONDUCTORS	BIKE/VEH HEAD 5C#14	BICYCLE BLUE LIGHT LED 2C#14	GROUND #6	REMARKS
1	EXISTING 2"	1-2C(SH), 1-3C(SH), 1-5C, 1-7C*, 2-3C, 2-2C, 1-CAMERA				SEE NOTES FOR REMOVALS
	EXISTING 2"		2	2	1	
2	EXISTING 3"	1-2C(SH), 2-3C(SH), 3-5C, 1-7C*, 4-2C, 4-3C, 2-CAMERA**, 1-CAMERA	2	2		SEE NOTES FOR REMOVALS
3	EXISTING 2"	1-3C(SH), 3-5C, 2-3C		2		
4	EXISTING 3"	1-2C(SH), 2-3C(SH), 3-5C, 1-7C*, 4-2C, 4-3C, 2-CAMERA**, 1-CAMERA	2	2		SEE NOTES FOR REMOVALS
5	EXISTING 3"	2-3C(SH), 7-5C, 3-2C, 2-3C, 1-CAMERA		3		
6	EXISTING 2"	1-5C		1		
7	EXISTING 3"	1-3C(SH), 4-5C, 1-2C, 1-CAMERA		1		

*REMOVE WIRING FOR EXISTING WB THROUGH AND RIGHT TURN 4-SECTION VEHICLE HEAD
**REMOVE ABANDONED WIRING FOR PREVIOUSLY REMOVED CCTV CAMERA

DETAIL 1: SIGNAL HEAD BRACKET MOUNTING

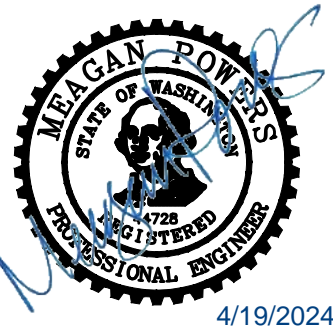


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68TH AVE NE & SIMONDS RD NE
CHANNELIZATION IMPROVEMENT

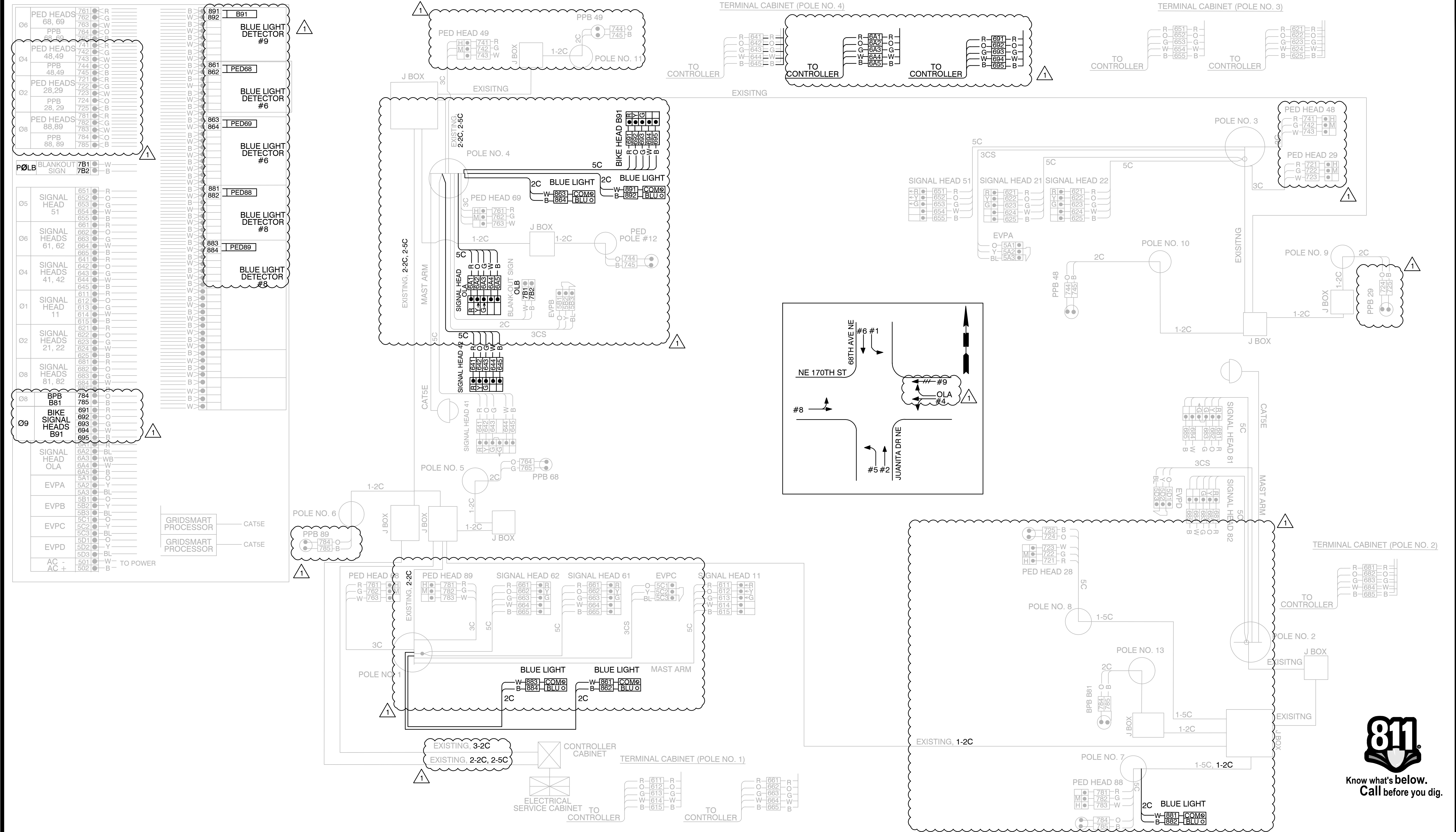
SIGNALIZATION PLAN
NE 170TH ST AND 68TH AVE NE

SHEET 34 of 37

SG2

SCALE: 1"=20'

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68TH AVE NE & SIMONDS RD NE
CHANNELIZATION IMPROVEMENT

SIGNALIZATION PLAN
NE 170TH ST AND 68TH AVE NE

SHEET 35 of 37

SG3

SCALE: NTS