

LEGEND

EXISTING

MIC	MONUMENT IN CASE	①	TELEPHONE MANHOLE	— P —	PAINTED POWER
MON	SURFACE MONUMENT	T	TELEPHONE RISER	— P —	RECORD POWER
△	PK NAIL	TV	TELEPHONE VAULT LID	— T —	PAINTED TELEPHONE
RC	REBAR & CAP	⊖	TELEPHONE POLE	— T —	RECORD TELEPHONE
⊗	SPOT SHOT (DESCRIBED)	TV	TV MANHOLE	— FD —	PAINTED FIBER OPTIC
□	CATCH BASIN	TV	TV RISER	— TV —	PAINTED TV
⊙	STORM DRAIN MANHOLE	TV	TV VAULT LID	— W —	PAINTED WATER
⊕	YARD DRAIN	FO	FIBER OPTIC MANHOLE	— W —	RECORD WATER
⊕	DOWNSPOUT	FO	FIBER OPTIC VAULT LID	— G —	PAINTED GAS
SD	STORM DRAIN CLEAN-OUT	D	GAS VALVE	— G —	RECORD GAS
^	CULVERT	M	GAS METER	— DH —	OVERHEAD UTILITY LINE (GENERIC)
○	SEWER MANHOLE	G	GAS MANHOLE	— SD —	STORM
SS	SEWER CLEAN-OUT	W	WATER VALVE	— S —	SEWER
⊖	POWER POLE	M	WATER METER	— X —	FENCE
⊖	POWER POLE W/UNDERGROUND CONNECT	W	WATER MANHOLE	~~~~~	HEDGE (HEIGHT NOTED)
⊖	POWER POLE WITH LUMINAIRE	W	WATER VAULT LID	//////	BUILDING
⊖	PWR POLE W/LUMINAIRE & UNDGRD CONNECT	F	FIRE HYDRANT	————	PAINTED STRIPE
⊖	POWER MANHOLE	⊖	BLOW-OFF	————	PAINTED SKIP STRIPE
⊖	POWER RISER	⊖	FIRE DEPARTMENT CONNECT	RAISED-BUTTON SOLID STRIPE
⊖	POWER VAULT LID	⊖	POST INDICATOR VALVE	RAISED-BUTTON SKIP STRIPE
⊖	POWER TRANSFORMER	H	HOSE BIB	————	EDGE OF PAVEMENT
⊖	POWER METER	⊖	IRRIGATION CONTROL VALVE	————	FLOWLINE
⊖	POWER OUTLET	U	UTILITY MANHOLE (GENERIC/UNK)	————	CONTOUR
⊖	HIGH VOLTAGE POWER POLE	U	UTILITY VAULT LID (GENERIC/UNK)	————	RIGHT OF WAY LINE
⊖	HIGH VOLTAGE PWR POLE W/UNDGRD CONNECT	CO	UTILITY CLEAN-OUT (GENERIC/UNK)	————	CONCRETE
⊖	GUY POLE	U	UTILITY RISER (GENERIC/UNK)	————	GRAVEL
→	GUY ANCHOR	SP	STAND-PIPE (GENERIC/UNK)	————	GRASS
⊖	TRAFFIC SIGNAL	U	UTILITY ACCESS (GENERIC/UNK)	————	ROCKERY
⊖	TRAFFIC SIGNAL WITH LUMINAIRE	⊖	BORE SITE (WITH FIELD DESC)	————	BRICK
⊖	PEDESTRIAN SIGNAL	⊖	MONITORING WELL	————	METAL GRATE
⊖	JUNCTION BOX	GP	GUARD POST	————	ASPHALT/CONCRETE
⊖	TRAFFIC CONTROL CABINET	⊖	BOULDER	————	CHAINLINK
⊖	BACKUP POWER SUPPLY	⊖	SIGN	————	DRIVEWAY
⊖	INTERCONNECT CABINET	⊖	MAILBOX (# OF BOXES)	————	COLUMN
⊖	ELECTRICAL SERVICE CABINET	⊖	SHRUB	————	YARD DRAIN
⊖	TRAFFIC ATTENUATOR LOOP	⊖	STUMP, DIAMETER	————	STRUCTURE
⊖	STREET LIGHT (LUMINAIRE)	⊖	SNAG, DIAMETER (# OF TRUNKS)	————	FINISHED FLOOR
⊖	LOT LIGHT	⊖	DECIDUOUS TREE, DIA (# OF TRUNKS)	————	
⊖	YARD LIGHT	⊖	CONIFEROUS TREE, DIA (# OF TRUNKS)	————	
⊖	RAILROAD CROSSING ARM			————	
⊖	RAILROAD CROSSING SIGNAL			————	

PROPOSED

⊖	MONUMENT	— XXX —	CONTOUR
⊖	STORMDRAIN MANHOLE	→ → → →	DITCH FLOWLINE
⊖	CATCH BASIN	=====	EDGE OF PAVEMENT
⊖	AREA DRAIN	=====	CONCRETE CURB & GUTTER
SD	STORMDRAIN CLEAN-OUT	- - - - -	SAWCUT
^	CULVERT	LIMITS OF GRADING
⊖	SEWER MANHOLE	— SD —	STORMDRAIN
⊖	SIGN	— UD —	UNDERDRAIN
MB	MAILBOX	— SS —	SANITARY SEWER
GP	BOLLARD	— W —	WATER
+	BORE / POTHOLE LOCATION	— IRR —	IRRIGATION
⊖	SHRUB	— G —	GAS
⊖ ^{XX"}	DECIDUOUS TREE, DIA (# OF TRUNKS)	— UE —	UNDERGROUND POWER
⊖ ^{XX"}	CONIFEROUS TREE, DIA (# OF TRUNKS)	— TEL —	TELECOMMUNICATION
⊖	BOULDER	— OE —	OVERHEAD UTILITY LINE
⊖	STREET LIGHT (LUMINAIRE)	— FO —	CITY FIBER
⊖	TRAFFIC SIGNAL, POLE & MAST ARM	— C —	CUT LINE
⊖	TRAFFIC SIGNAL POLE & MAST ARM W/ LUMINAIRE ARM	— F —	FILL LINE
⊖	PEDESTRIAN PUSHBUTTON POLE	— X —	FENCE - CHAINLINK
⊖	TRAFFIC / ILLUM J-BOX	— O —	FENCE - WOOD
⊖	TRAFFIC CONTROL CABINET	⊖	CONCRETE
BPS	BACKUP POWER SUPPLY	⊖	ASPHALT
⊖	ELECTRICAL SERVICE CABINET	⊖	GRAVEL
⊖	TRAFFIC SIGNAL VEHICLE DETECTION	⊖	ROCKERY WALL
FO	CITY FIBER OPTIC VAULT / J-BOX	⊖	BLOCK RETAINING WALL
⊖	FESTIVAL OUTLET	⊖	GRASS
⊖	POWER POLE	⊖	BARK / MULCH
⊖	POWER POLE GUY ANCHOR	⊖	PERMEABLE CONCRETE PAVERS
⊖	POWER POLE W/ LUMINAIRE	⊖	DETECTABLE WARNING SURFACE
⊖	POWER VAULT LID / J-BOX		
⊖	POWER TRANSFORMER		
⊖	POWER METER		
⊖	TELECOMM VAULT / J-BOX		
⊖	UTILITY PEDESTAL		
⊖	GAS VALVE		
⊖	GAS METER		
⊖	WATER VALVE		
⊖	WATER METER		
⊖	WATER VAULT LID		
⊖	FIRE HYDRANT		
⊖	BLOW-OFF		

*****UNOFFICIAL BID COPY***** Official bid documents, plan holder's list, and addenda (if applicable) are available on BXWA.com



33325 8th Avenue South
Federal Way, WA 98003-6325
(253) 835-2700
www.federalwaywa.gov



DRAFTED: A. KAZIMI
DESIGNED: J. HUYNH
REVIEWED: C. MULLEN
APPROVED: D. WINKLER

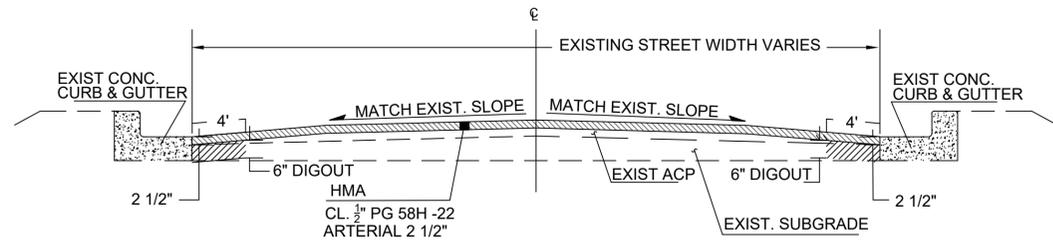


DRAWING VERSION / REVISION LOG		
NO.	DATE	REVISION

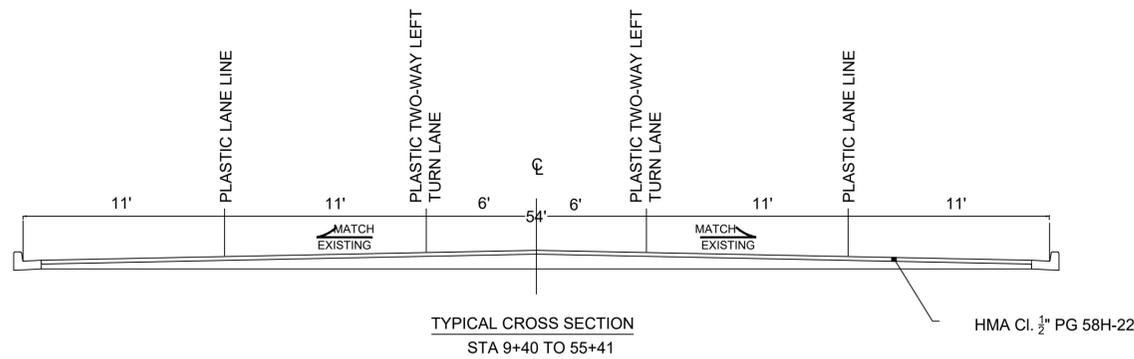
S 320TH ST PRESERVATION PROJECT

LEGEND

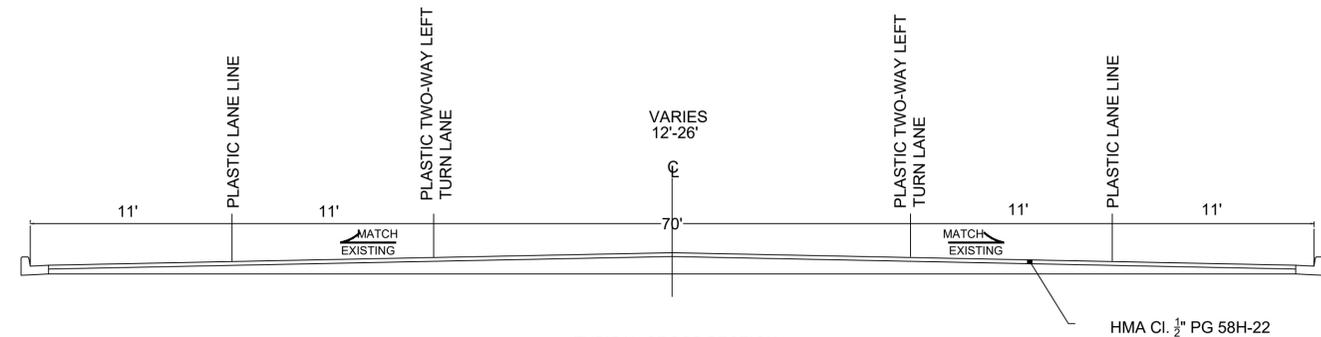
CITY PROJECT #:
36252
SHT. 02
OF 40



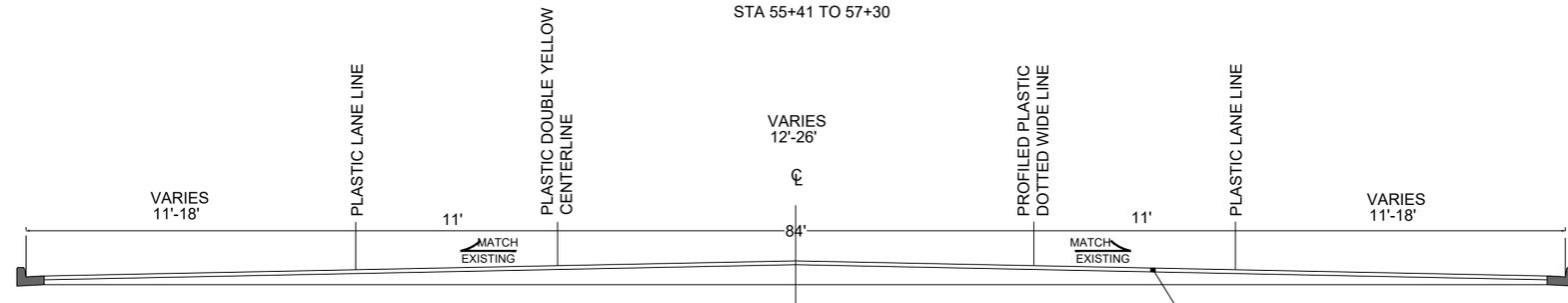
PLANING AND DIGOUT TYPICAL SECTION WITH CURB AND GUTTER
NTS



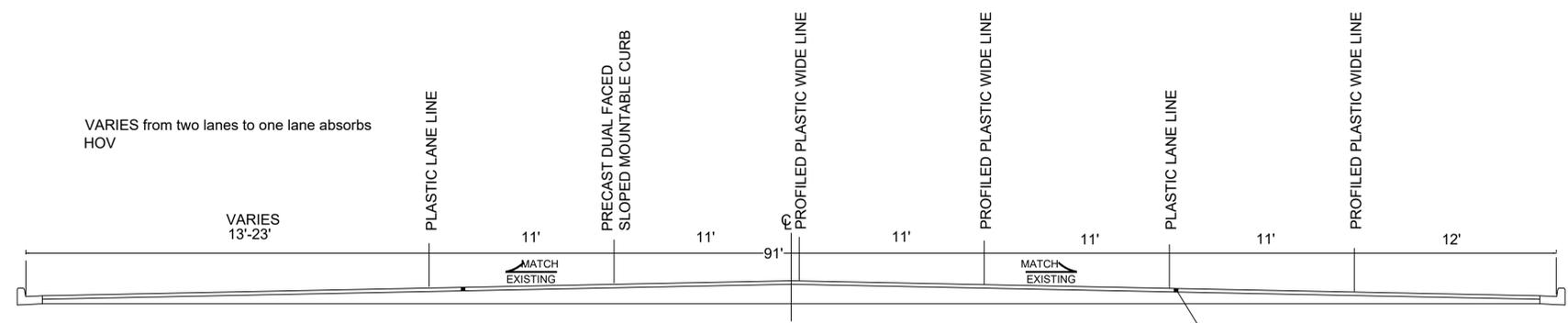
TYPICAL CROSS SECTION
STA 9+40 TO 55+41



TYPICAL CROSS SECTION
STA 55+41 TO 57+30



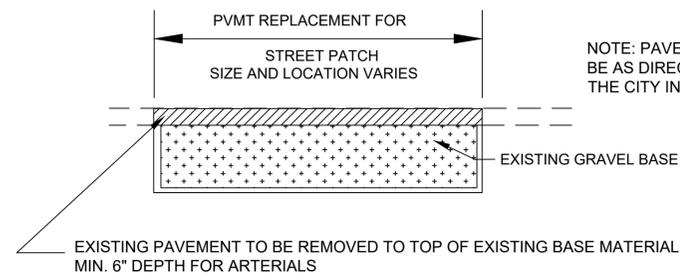
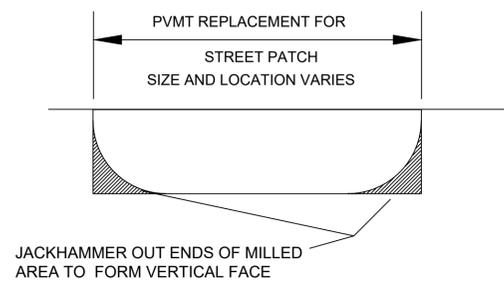
TYPICAL CROSS SECTION
STA 57+30 TO 58+26



TYPICAL CROSS SECTION
STA 58+26 TO 62+12

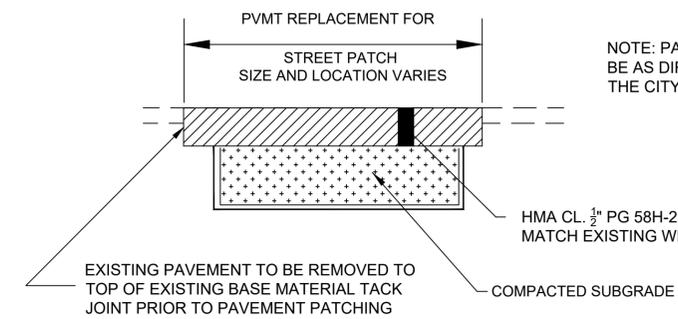
*****UNOFFICIAL BID COPY***** Official bid documents, plan holder's list, and addenda (if applicable) are available on BXWA.com

DRAWING VERSION / REVISION LOG		
NO.	DATE	REVISION



ALTERNATE PAVEMENT PATCHING DETAIL
NTS

NOTE: PAVEMENT PATCHING SHALL BE AS DIRECTED IN THE FIELD BY THE CITY INSPECTOR



ARTERIAL PAVEMENT PATCHING DETAIL
NTS

NOTE: PAVEMENT PATCHING SHALL BE AS DIRECTED IN THE FIELD BY THE CITY INSPECTOR

*****UNOFFICIAL BID COPY***** Official bid documents, plan holder's list, and addenda (if applicable) are available on BXWA.com



33325 8th Avenue South
Federal Way, WA 98003-6325
(253) 835-2700
www.federalwaywa.gov



DRAFTED: A. KAZIMI
DESIGNED: J. HUYNH
REVIEWED: C. MULLEN
APPROVED: D. WINKLER

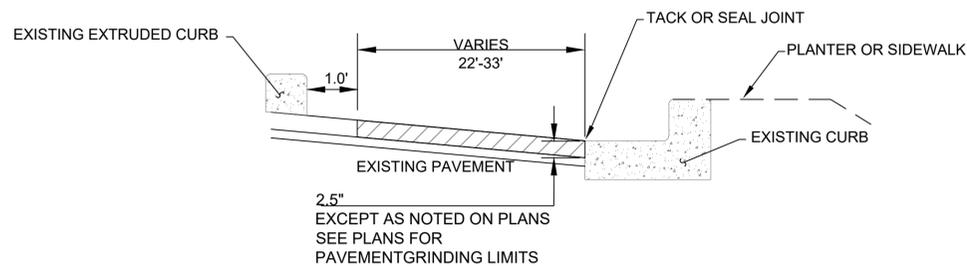


DRAWING VERSION / REVISION LOG		
NO.	DATE	REVISION

S 320TH ST PRESERVATION PROJECT

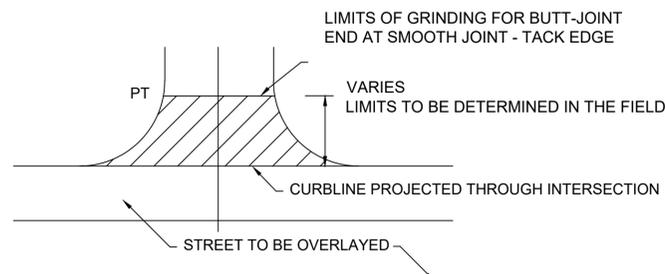
DETAILS

CITY PROJECT #:
36252
SHT. 4
OF 40



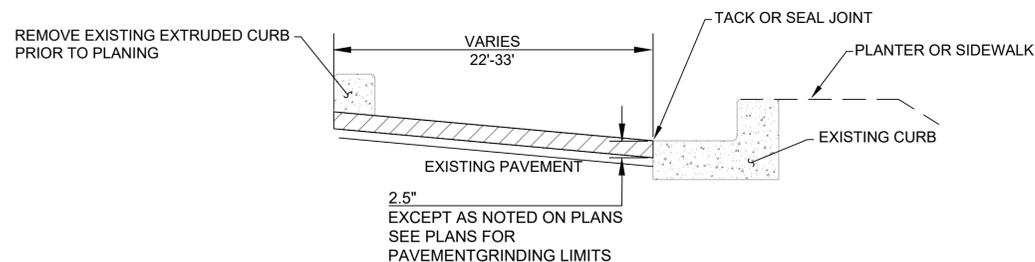
PLANING BITUMINOUS PAVEMENT DETAIL

23+86.72 TO 24+30.84
 42+50.53 TO 43+22.56
 55+32.99 TO 55+86.06
 56+07.70 TO 57+60.73



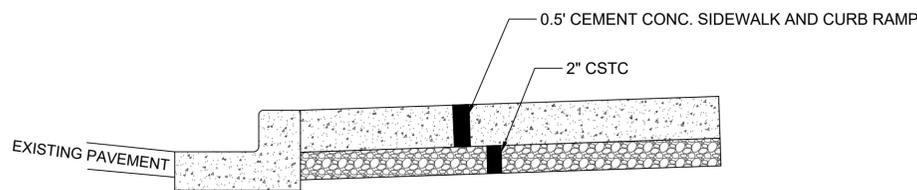
BUTT-JOINT AT TYPICAL INTERSECTION

NTS



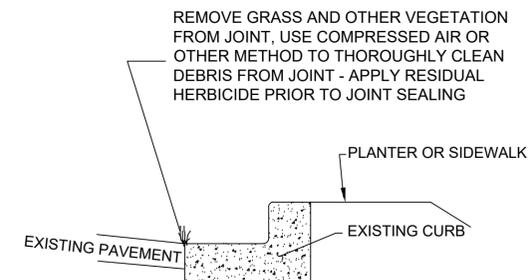
PLANING BITUMINOUS PAVEMENT DETAIL

15+ 02.02 TO 20+01.23



CEMENT CONCRETE SIDEWALK & CURB RAMP

NTS



JOINT REPAIR/CLEANING

ROADWAY
NTS

*****UNOFFICIAL BID COPY*****

Official bid documents, plan holder's list, and addenda (if applicable) are available on BXWA.com



33325 8th Avenue South
 Federal Way, WA 98003-6325
 (253) 835-2700
 www.federalwaywa.gov



DRAFTED: A. KAZIMI
 DESIGNED: J. HUYNH
 REVIEWED: C. MULLEN
 APPROVED: D. WINKLER

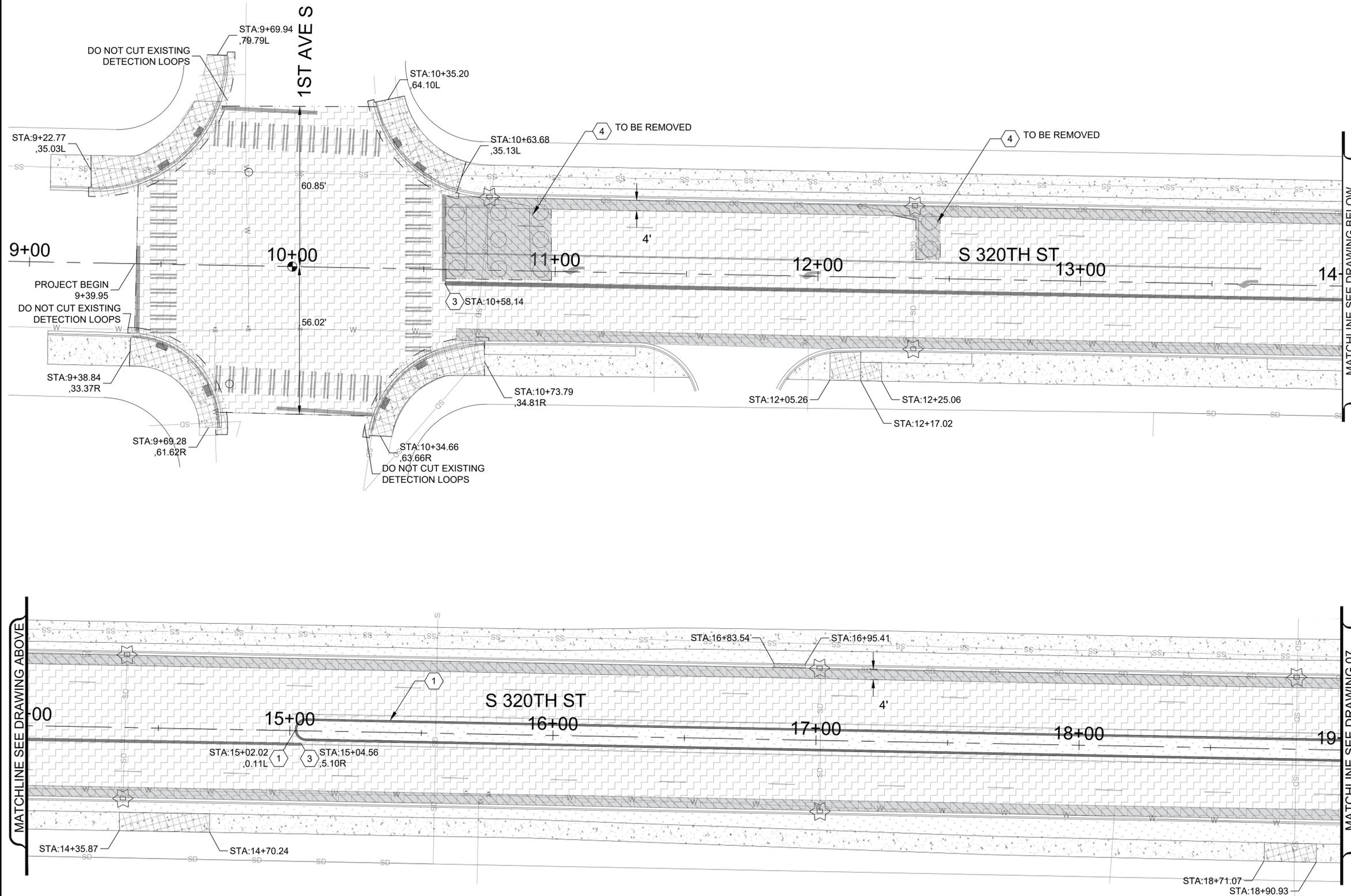
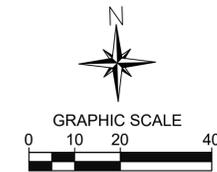


DRAWING VERSION / REVISION LOG		
NO.	DATE	REVISION

S 320TH ST PRESERVATION PROJECT

DETAILS

CITY PROJECT #:
36252
 SHT. 5
 OF 40



CONSTRUCTION NOTES

- 1 REMOVE EXTRUDED CURB
- 2 PRESERVE AND PROTECT ISLAND
- 3 REMOVE SLOPED MOUNTABLE CURB
- 4 DETECTOR LOOP — PER FW.J50.12

SITE PREP & TESC LEGEND

- INLET PROTECTION
- PLANING BITUMINOUS PAVEMENT
- PAVEMENT REPAIR EXCAVATION INCL. HAUL
- CEMENT CONC. SIDEWALK REMOVAL
- CEMENT CONC. CURB & GUTTER REMOVAL
- SAWCUT LINE

*****UNOFFICIAL BID COPY***** Official bid documents, plan holder's list, and addenda (if applicable) are available on BXWA.com

CITY OF Federal Way
Centered on Opportunity
33325 8th Avenue South
Federal Way, WA 98003-6325
(253) 835-2700
www.federalwaywa.gov

811
Know what's below.
Call 811 before you dig.

DRAFTED: A. KAZIMI
DESIGNED: J. HUYNH
REVIEWED: C. MULLEN
APPROVED: D. WINKLER

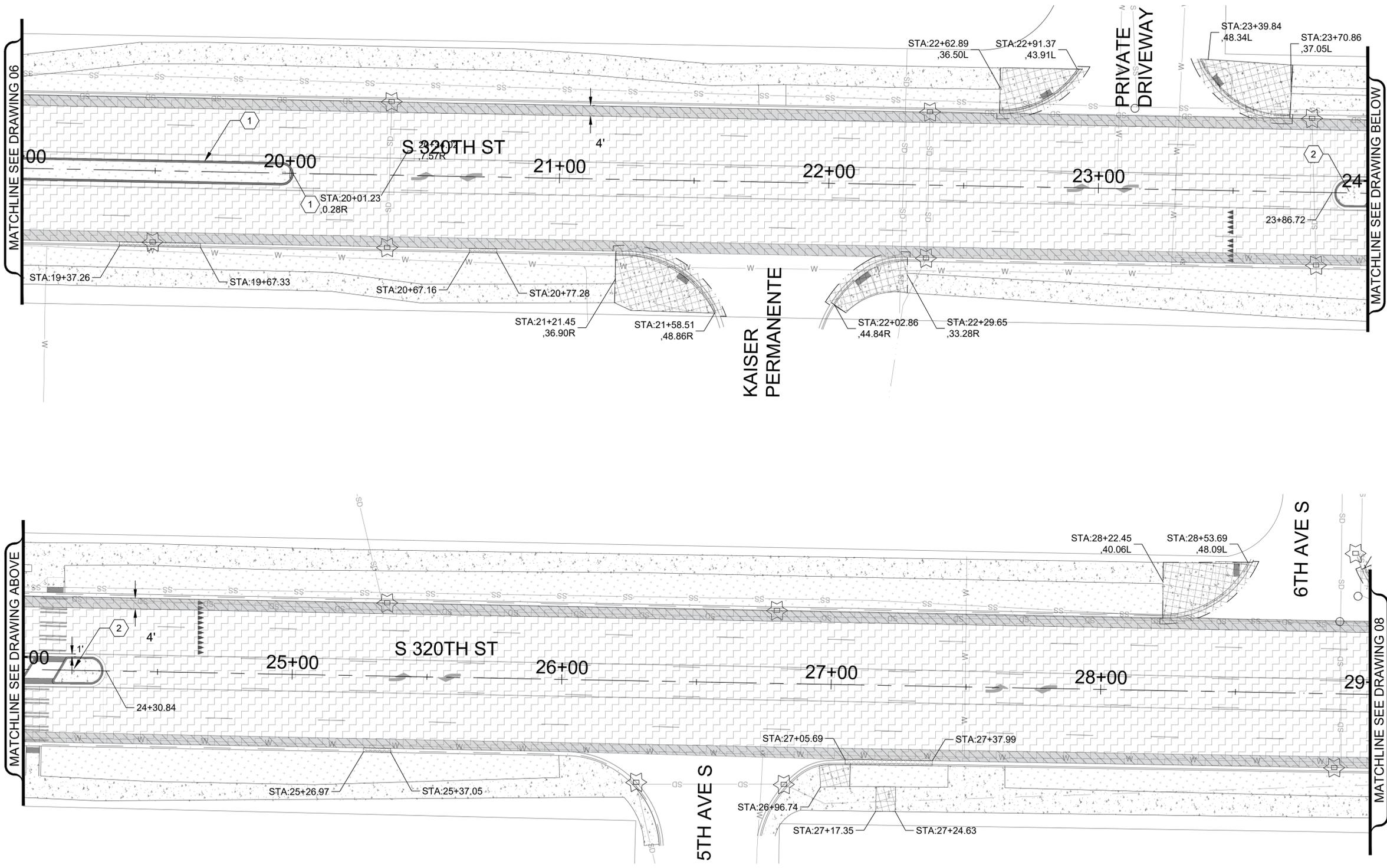
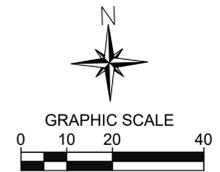


DRAWING VERSION / REVISION LOG		
NO.	DATE	REVISION

S 320TH ST PRESERVATION PROJECT

ESC & SITE PREPARATION PLAN
STA 9+00 TO STA 19+00

CITY PROJECT #:
36252
SHT. **06**
OF **40**



CONSTRUCTION NOTES

- 1 REMOVE EXTRUDED CURB
- 2 PRESERVE AND PROTECT ISLAND
- 3 REMOVE SLOPED MOUNTABLE CURB
- 4 DETECTOR LOOP — PER FW.J50.12

SITE PREP & TESC LEGEND

- INLET PROTECTION
- PLANING BITUMINOUS PAVEMENT
- PAVEMENT REPAIR EXCAVATION INCL. HAUL
- CEMENT CONC. SIDEWALK REMOVAL
- CEMENT CONC. CURB & GUTTER REMOVAL
- SAWCUT LINE

*****UNOFFICIAL BID COPY***** Official bid documents, plan holder's list, and addenda (if applicable) are available on BXWA.com

CITY OF Federal Way
Centered on Opportunity

33325 8th Avenue South
Federal Way, WA 98003-6325

(253) 835-2700
www.federalwaywa.gov

811
Know what's below.
Call 811 before you dig.

DRAFTED: A. KAZIMI
DESIGNED: J. HUYNH
REVIEWED: C. MULLEN
APPROVED: D. WINKLER

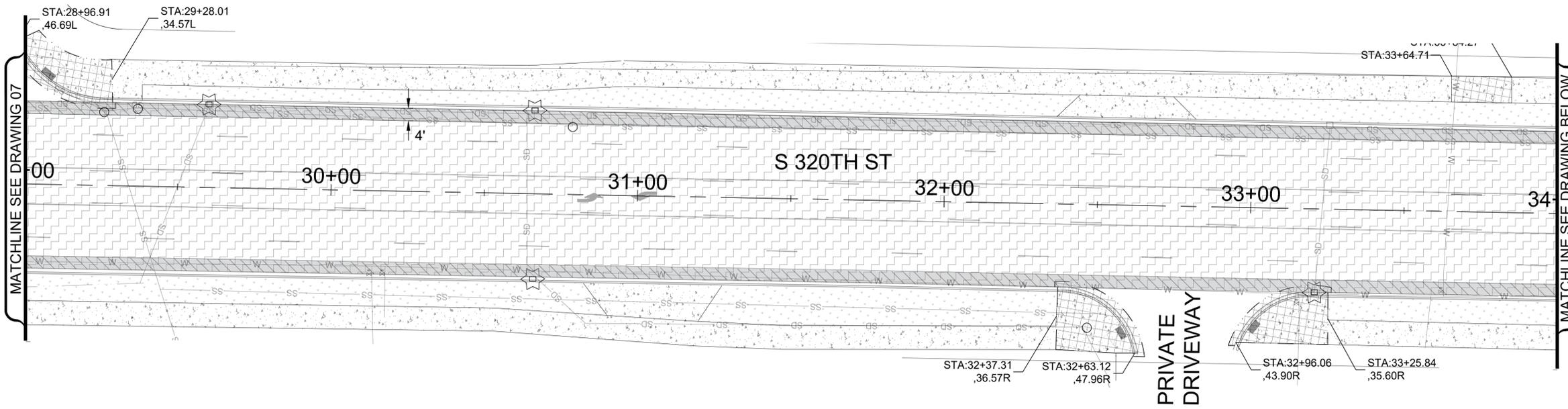
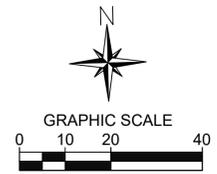


DRAWING VERSION / REVISION LOG		
NO.	DATE	REVISION

S 320TH ST PRESERVATION PROJECT

ESC & SITE PREPARATION PLAN
STA: 19+00 - 29+00

CITY PROJECT #: 36252
SHT. 07
OF 40

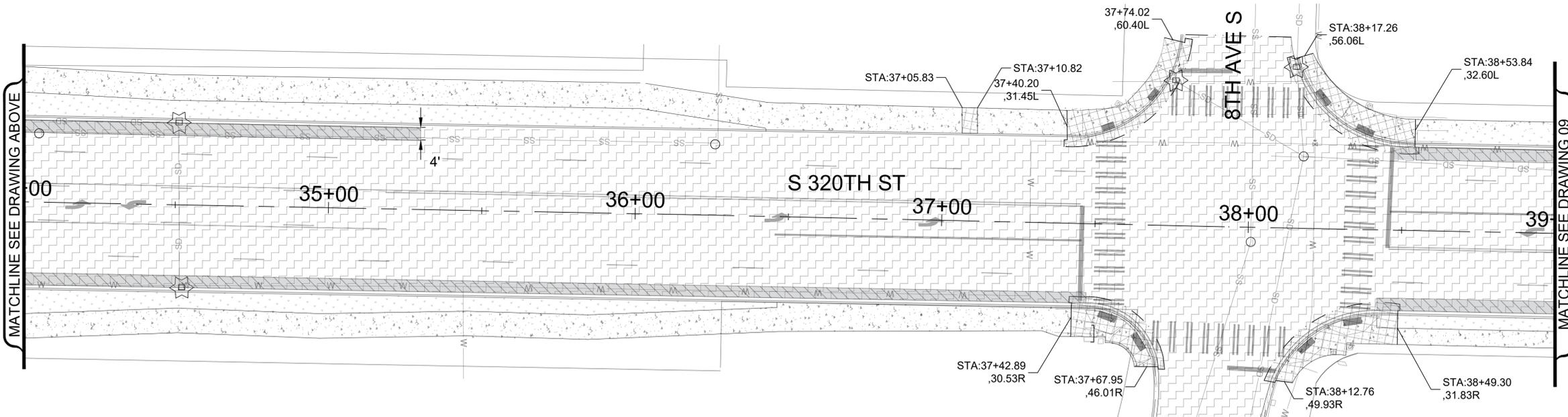


CONSTRUCTION NOTES

- 1 REMOVE EXTRUDED CURB
- 2 PRESERVE AND PROTECT ISLAND
- 3 REMOVE SLOPED MOUNTABLE CURB
- 4 DETECTOR LOOP — PER FW.J50.12

SITE PREP & TESC LEGEND

- INLET PROTECTION
- PLANING BITUMINOUS PAVEMENT
- PAVEMENT REPAIR EXCAVATION INCL. HAUL
- CEMENT CONC. SIDEWALK REMOVAL
- CEMENT CONC. CURB & GUTTER REMOVAL
- SAWCUT LINE



*****UNOFFICIAL BID COPY***** Official bid documents, plan holder's list, and addenda (if applicable) are available on BXWA.com



33325 8th Avenue South
Federal Way, WA 98003-6325
(253) 835-2700
www.federalwaywa.gov



DRAFTED: A. KAZIMI
DESIGNED: J. HUYNH
REVIEWED: C. MULLEN
APPROVED: D. WINKLER



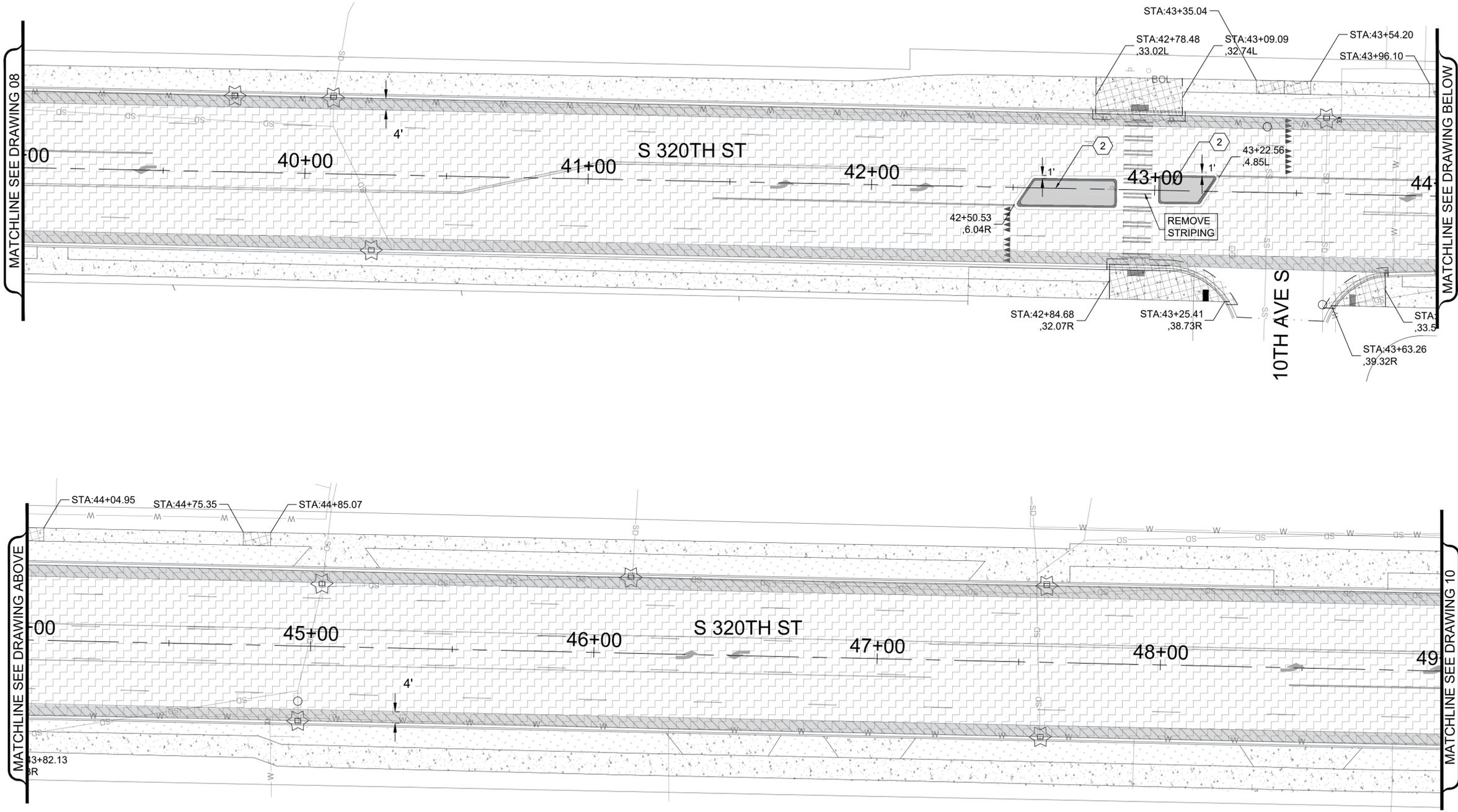
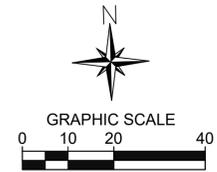
DRAWING VERSION / REVISION LOG		
NO.	DATE	REVISION

S 320TH ST PRESERVATION PROJECT

ESC & SITE PREPARATION PLAN

STA: 29+00 - 39+00

CITY PROJECT #:
36252
SHT. **08**
OF **40**



CONSTRUCTION NOTES

- 1 REMOVE EXTRUDED CURB
- 2 PRESERVE AND PROTECT ISLAND
- 3 REMOVE SLOPED MOUNTABLE CURB
- 4 DETECTOR LOOP — PER FW.J50.12

SITE PREP & TESC LEGEND

- INLET PROTECTION
- PLANING BITUMINOUS PAVEMENT
- PAVEMENT REPAIR EXCAVATION INCL. HAUL
- CEMENT CONC. SIDEWALK REMOVAL
- CEMENT CONC. CURB & GUTTER REMOVAL
- SAWCUT LINE

*****UNOFFICIAL BID COPY***** Official bid documents, plan holder's list, and addenda (if applicable) are available on BXWA.com



33325 8th Avenue South
Federal Way, WA 98003-6325
(253) 835-2700
www.federalwaywa.gov



DRAFTED: A. KAZIMI
DESIGNED: J. HUYNH
REVIEWED: C. MULLEN
APPROVED: D. WINKLER

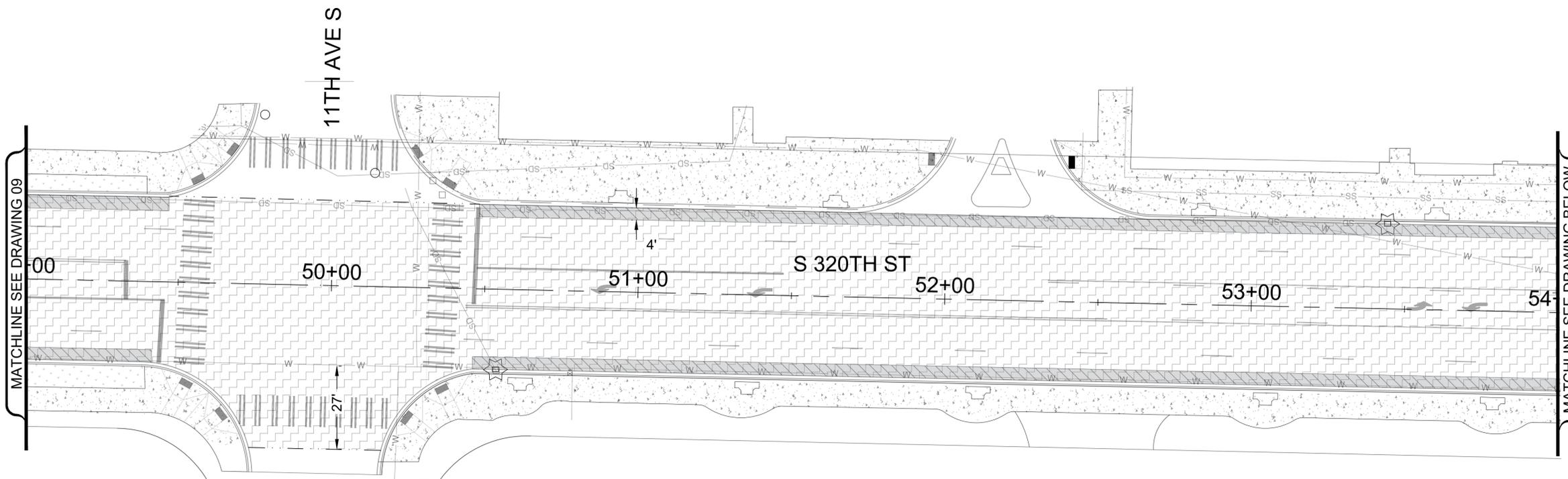
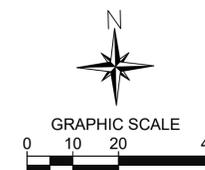


DRAWING VERSION / REVISION LOG		
NO.	DATE	REVISION

S 320TH ST PRESERVATION PROJECT

ESC & SITE PREPARATION PLAN
STA:39+00 - 49+00

CITY PROJECT #:
36252
SHT. **09**
OF **40**

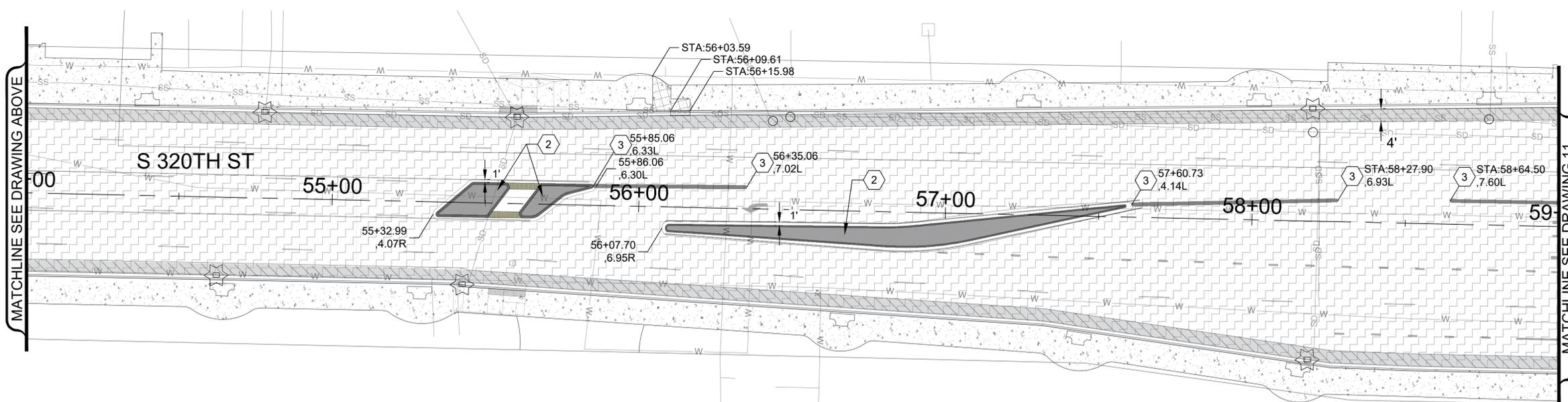


CONSTRUCTION NOTES

- 1 REMOVE EXTRUDED CURB
- 2 PRESERVE AND PROTECT ISLAND
- 3 REMOVE SLOPED MOUNTABLE CURB
- 4 DETECTOR LOOP — PER FW.J50.12

SITE PREP & TESC LEGEND

- INLET PROTECTION
- PLANING BITUMINOUS PAVEMENT
- PAVEMENT REPAIR EXCAVATION INCL. HAUL
- CEMENT CONC. SIDEWALK REMOVAL
- CEMENT CONC. CURB & GUTTER REMOVAL
- SAWCUT LINE



*****UNOFFICIAL BID COPY***** Official bid documents, plan holder's list, and addenda (if applicable) are available on BXWA.com



33325 8th Avenue South
Federal Way, WA 98003-6325
(253) 835-2700
www.federalwaywa.gov



DRAFTED: A. KAZIMI
DESIGNED: J. HUYNH
REVIEWED: C. MULLEN
APPROVED: D. WINKLER

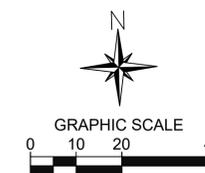


DRAWING VERSION / REVISION LOG		
NO.	DATE	REVISION

S 320TH ST PRESERVATION PROJECT

ESC & SITE PREPARATION PLAN
STA 49+00 - 59+00

CITY PROJECT #:
36252
SHT. 10
OF 40

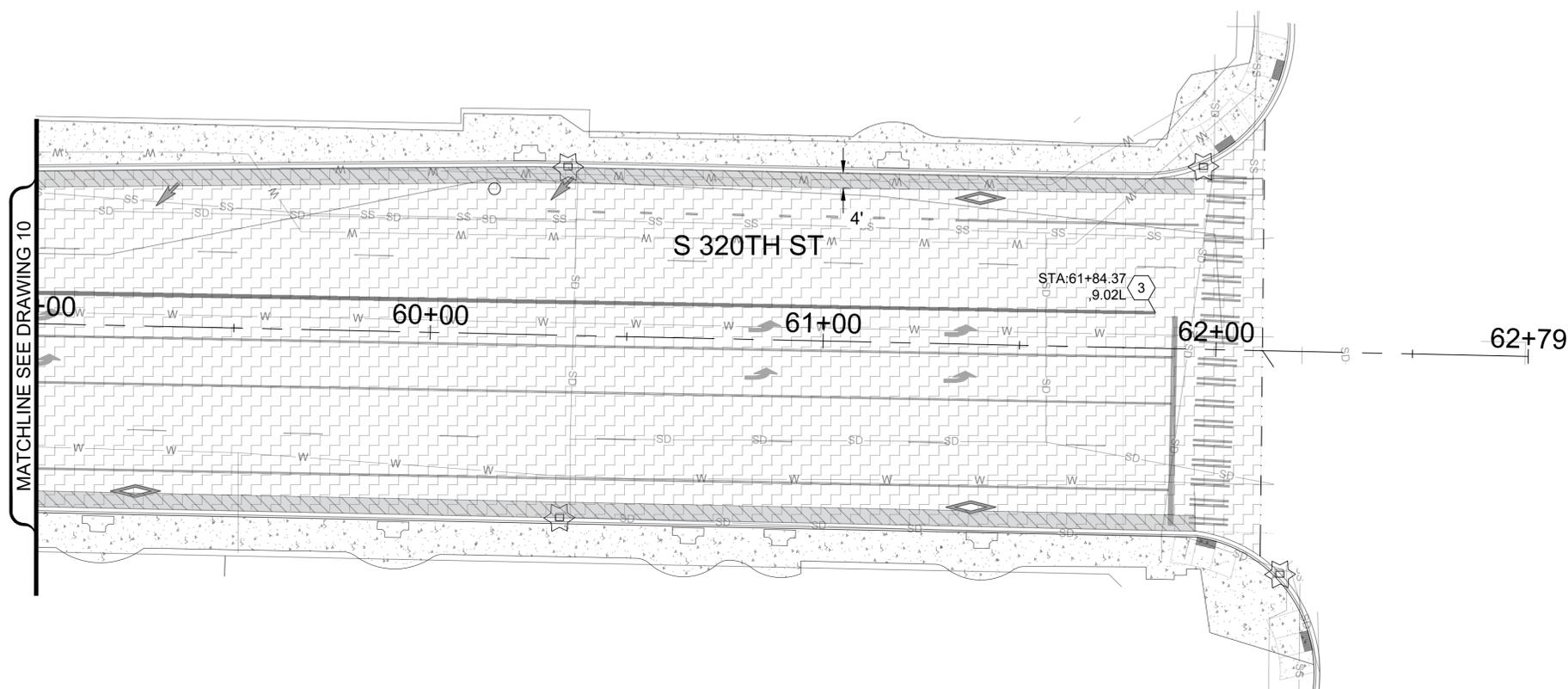


CONSTRUCTION NOTES

- ① REMOVE EXTRUDED CURB
- ② PRESERVE AND PROTECT ISLAND
- ③ REMOVE SLOPED MOUNTABLE CURB
- ④ DETECTOR LOOP — PER FW.J50.12

SITE PREP & TESC LEGEND

-  INLET PROTECTION
-  PLANING BITUMINOUS PAVEMENT
-  PAVEMENT REPAIR EXCAVATION INCL. HAUL
-  CEMENT CONC. SIDEWALK REMOVAL
-  CEMENT CONC. CURB & GUTTER REMOVAL
-  SAWCUT LINE



*****UNOFFICIAL BID COPY***** Official bid documents, plan holder's list, and addenda (if applicable) are available on BXWA.com

CITY OF Federal Way
Centered on Opportunity

33325 8th Avenue South
Federal Way, WA 98003-6325

(253) 835-2700
www.federalwaywa.gov

811
Know what's below.
Call 811 before you dig.

DRAFTED: A. KAZIMI
DESIGNED: J. HUYNH
REVIEWED: C. MULLEN
APPROVED: D. WINKLER

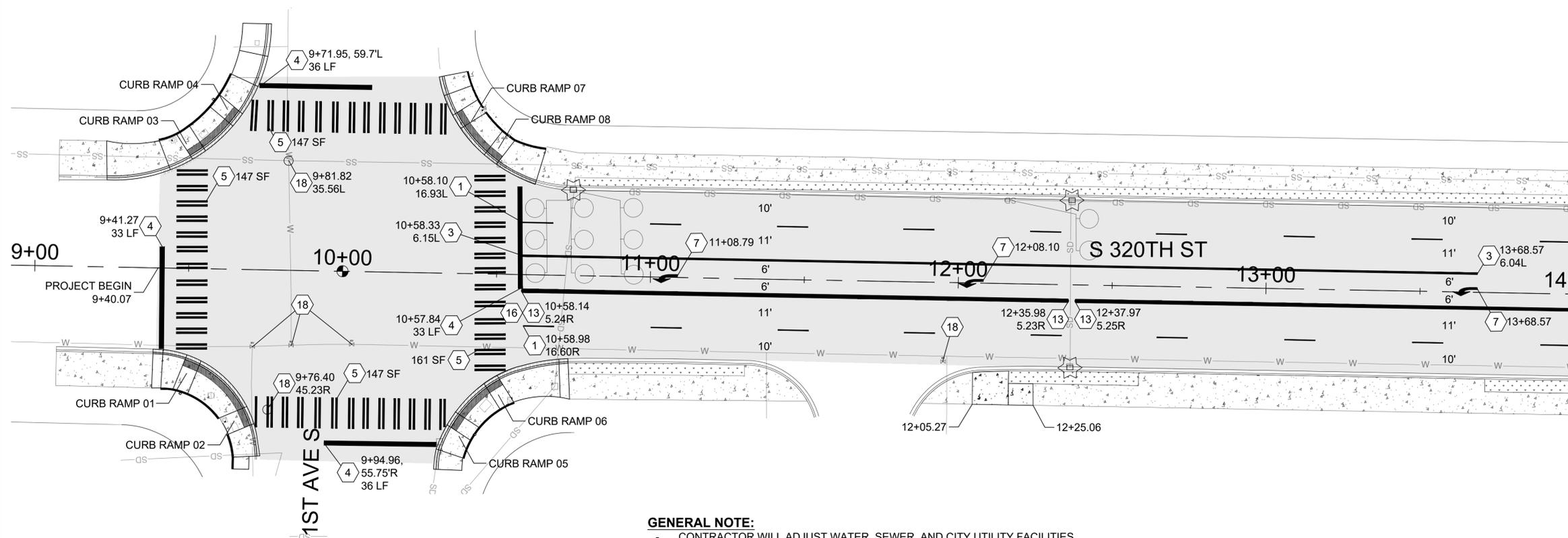
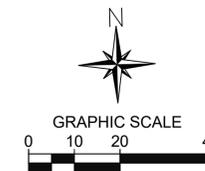
DRAWING VERSION / REVISION LOG		
NO.	DATE	REVISION

S 320TH ST PRESERVATION PROJECT

ESC & SITE PREPARATION PLAN
STA 59+00 - 62+79

CITY PROJECT #:
36252

SHT. **11**
OF **40**



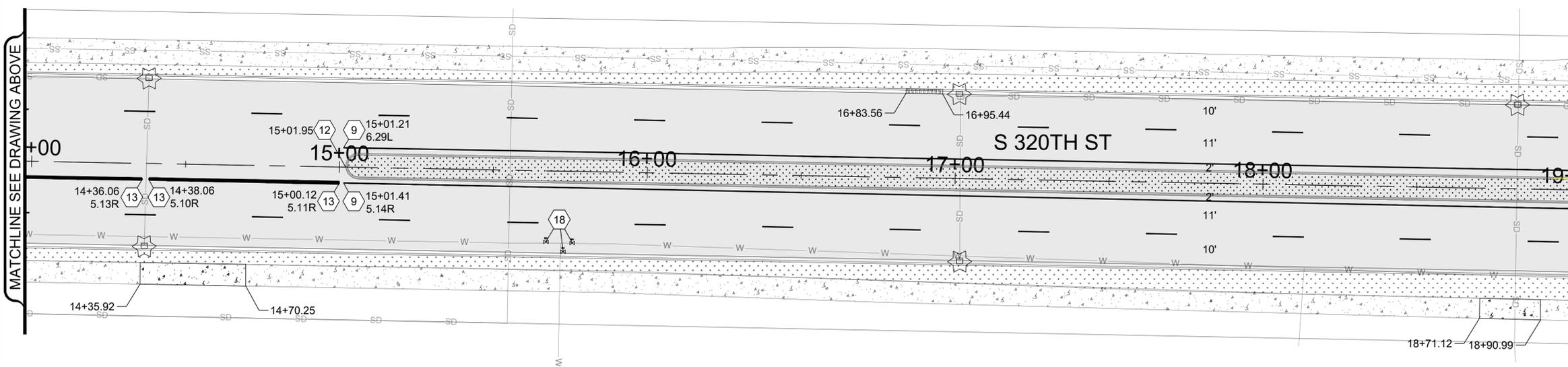
MATCHLINE SEE DRAWING BELOW

- LEGEND**
- HYDRANT MARKER
 - ⊙ ADJUST MONUMENT CASE & COVER
 - △ MONUMENTS IN ISLAND PRESERVE AND PROTECT
 - ⊕ MONUMENT TO BE UNCOVERED OR ESTABLISHED
 - INDUCTION LOOP VEHICLE DETECTION SYSTEM
 - HMA CL. 1/2 PG 58H-22
 - ▨ CEMENT CONC. SIDEWALK
 - ▨ MMA TRUNCATED DOME
 - ▨ CEMENT CONC. TRAFFIC CURB & GUTTER

GENERAL NOTE:

- CONTRACTOR WILL ADJUST WATER, SEWER, AND CITY UTILITY FACILITIES.
- CONTRACTOR IS RESPONSIBLE TO COORDINATE ADJUSTMENT OF GAS AND TELECOMMUNICATION UTILITIES.

- CONSTRUCTION NOTES**
- 1 PROFILED PLASTIC LANE LINE (MATERIAL TYPE D)
 - 2 PROFILED PLASTIC CENTERLINE (MATERIAL TYPE D)
 - 3 PROFILED PLASTIC WIDE LINE (MATERIAL TYPE D)
 - 4 PLASTIC STOP LINE (TYPE A) — PER CFW STD DETAIL FW.M15.10
 - 5 PLASTIC CROSSWALK LINE (MATERIAL TYPE A) — PER CFW STD DETAIL FW.M15.10
 - 6 FLEXIBLE GUIDE POST
 - 7 PLASTIC TRAFFIC ARROW TYPE 2SL (MATERIAL TYPE A) CFW STA. DETAIL FW.M15.10, LANE CENTERED
 - 8 PROFILED PLASTIC TWO-WAY LEFT TURN LINE (MATERIAL TYPE D)
 - 9 PLASTIC EDGE LINE. PLAN 24.10
 - 10 PRESERVED AND PROTECTED ISLAND
 - 11 PLASTIC YIELD LINE SYMBOL, CFW STD. DETAIL FW.M15.10
 - 12 CEMENT CONC. EXTRUDED CURB TYPE 6, WSDOT STD. PLAN F-10.42-00
 - 13 PRECAST DUAL FACED SLOPED MOUNTABLE CURB, WSDOT STD PLAN F-10.64-03
 - 14 PROFILED PLASTIC DOTTED WIDE LINE (MATERIAL TYPE D)
 - 15 PLASTIC HOV LANE SYMBOL PER CFW STD. DETAIL FW.M15.10 (MATERIAL TYPE A), LANE CENTERED
 - 16 FLEXIBLE GUIDE POST WITH BASE
 - 17 ADJUST MANHOLE PER CFW STD. DETAIL 3-55
 - 18 TO BE ADJUSTED BY OTHERS



MATCHLINE SEE DRAWING ABOVE

MATCHLINE SEE SHEET # 13

*****UNOFFICIAL BID COPY***** Official bid documents, plan holder's list, and addenda (if applicable) are available on BXWA.com

CITY OF Federal Way
Centered on Opportunity

33325 8th Avenue South
Federal Way, WA 98003-6325

(253) 835-2700
www.federalwaywa.gov

DRAFTED: A. KAZIMI
DESIGNED: J. HUYNH
REVIEWED: C. MULLEN
APPROVED: D. WINKLER



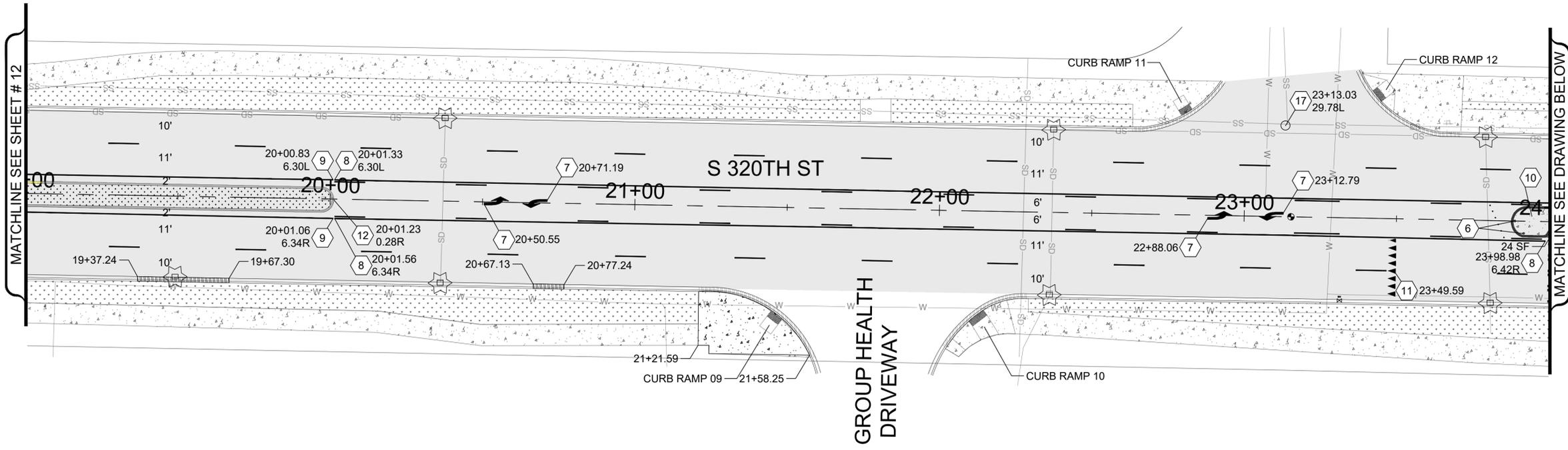
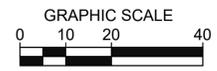
DRAWING VERSION / REVISION LOG		
NO.	DATE	REVISION

S 320TH ST PRESERVATION PROJECT

ROADWAY AND CHANNELIZATION PLAN

STA 9+00 TO STA 19+00

CITY PROJECT #:	36252
SHT.	12
OF	40



LEGEND

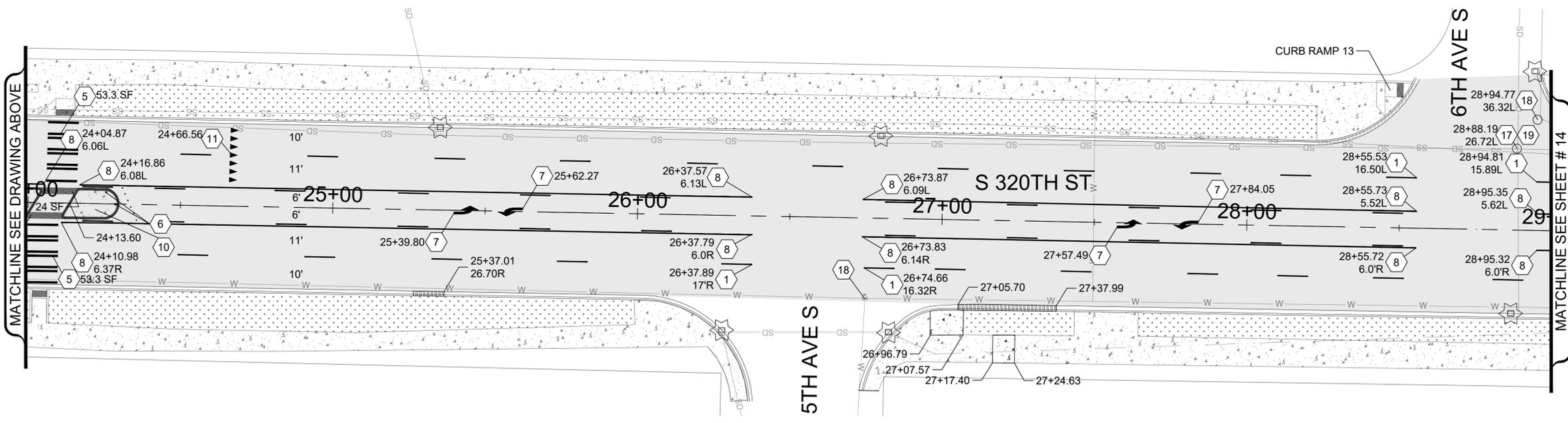
- HYDRANT MARKER
- ADJUST MONUMENT CASE & COVER
- MONUMENTS IN ISLAND PRESERVE AND PROTECT
- MONUMENT TO BE UNCOVERED OR ESTABLISHED
- INDUCTION LOOP VEHICLE DETECTION SYSTEM
- HMA CL. 1/2 PG 58H-22
- CEMENT CONC. SIDEWALK
- MMA TRUNCATED DOME
- CEMENT CONC. TRAFFIC CURB & GUTTER

CONSTRUCTION NOTES

- 1 PROFILED PLASTIC LANE LINE (MATERIAL TYPE D)
- 2 PROFILED PLASTIC CENTERLINE (MATERIAL TYPE D)
- 3 PROFILED PLASTIC WIDE LINE (MATERIAL TYPE D)
- 4 PLASTIC STOP LINE (TYPE A) — PER CFW STD DETAIL FW.M15.10
- 5 PLASTIC CROSSWALK LINE (MATERIAL TYPE A) — PER CFW STD DETAIL FW.M15.10
- 6 FLEXIBLE GUIDE POST
- 7 PLASTIC TRAFFIC ARROW TYPE 2SL (MATERIAL TYPE A) CFW STA. DETAIL FW.M15.10, LANE CENTERED
- 8 PROFILED PLASTIC TWO-WAY LEFT TURN LINE (MATERIAL TYPE D)
- 9 PLASTIC EDGE LINE, PLAN 24.10
- 10 PRESERVED AND PROTECTED ISLAND
- 11 PLASTIC YIELD LINE SYMBOL, CFW STD. DETAIL FW.M15.10
- 12 CEMENT CONC. EXTRUDED CURB TYPE 6, WSDOT STD. PLAN F-10.42-00
- 13 PRECAST DUAL FACED SLOPED MOUNTABLE CURB, WSDOT STD PLAN F-10.64-03
- 14 PROFILED PLASTIC DOTTED WIDE LINE (MATERIAL TYPE D)
- 15 PLASTIC HOV LANE SYMBOL PER CFW STD. DETAIL FW.M15.10 (MATERIAL TYPE A), LANE CENTERED
- 16 FLEXIBLE GUIDE POST WITH BASE
- 17 ADJUST MANHOLE PER CFW STD. DETAIL 3-55
- 18 TO BE ADJUSTED BY OTHERS
- 19 REPLACE EXISTING LID/FRAM WITH EXTRA HEAVY DUTY RSL FRAM AND GRATE

GENERAL NOTE:

- CONTRACTOR WILL ADJUST WATER, SEWER, AND CITY UTILITY FACILITIES.
- CONTRACTOR IS RESPONSIBLE TO COORDINATE ADJUSTMENT OF GAS AND TELECOMMUNICATION UTILITIES.



*****UNOFFICIAL BID COPY***** Official bid documents, plan holder's list, and addenda (if applicable) are available on BXWA.com

CITY OF Federal Way
Centered on Opportunity

33325 8th Avenue South
Federal Way, WA 98003-6325

(253) 835-2700
www.federalwaywa.gov

811
Know what's below.
Call 811 before you dig.

DRAFTED: A. KAZIMI
DESIGNED: J. HUYNH
REVIEWED: C. MULLEN
APPROVED: D. WINKLER

CHRISTINE J. MULLEN
REGISTERED PROFESSIONAL ENGINEER
20 Feb-26

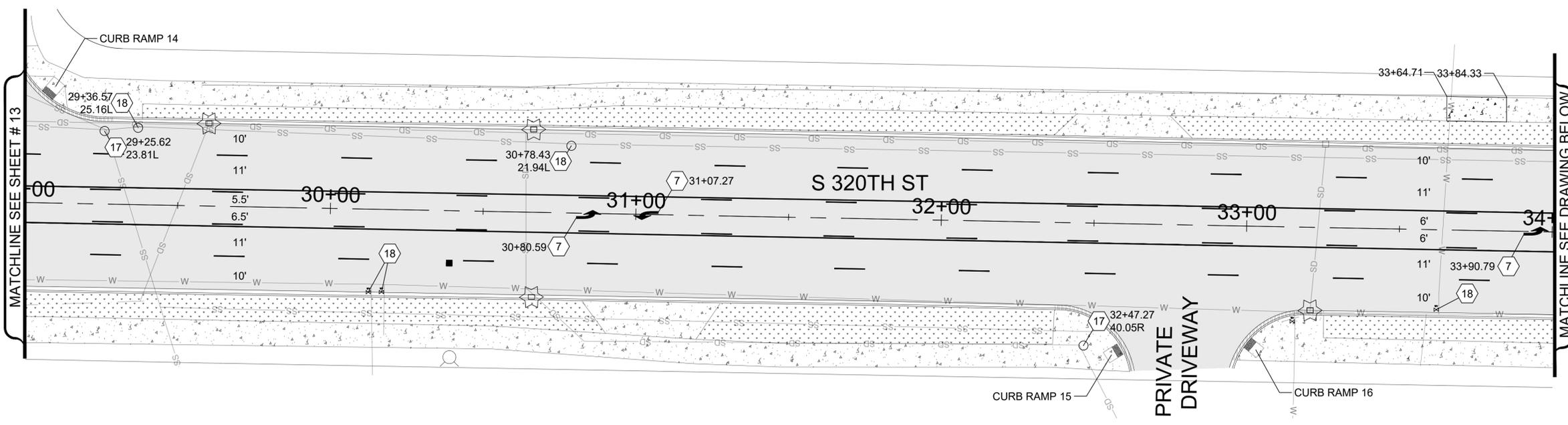
DRAWING VERSION / REVISION LOG		
NO.	DATE	REVISION

S 320TH ST PRESERVATION PROJECT

ROADWAY AND CHANNELIZATION PLAN

STA 19+00 TO STA 29+00

CITY PROJECT #:	36252
SHT.	13
OF	40

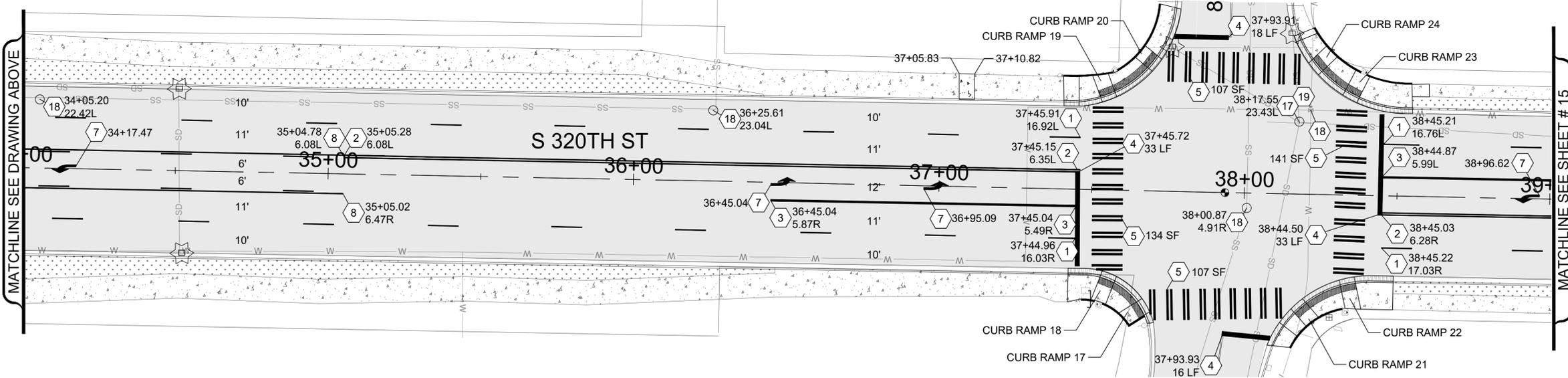


GENERAL NOTE:

- CONTRACTOR WILL ADJUST WATER, SEWER, AND CITY UTILITY FACILITIES.
- CONTRACTOR IS RESPONSIBLE TO COORDINATE ADJUSTMENT OF GAS AND TELECOMMUNICATION UTILITIES.

- LEGEND**
- HYDRANT MARKER
 - ⊙ ADJUST MONUMENT CASE & COVER
 - △ MONUMENTS IN ISLAND PRESERVE AND PROTECT
 - ⊕ MONUMENT TO BE UNCOVERED OR ESTABLISHED
 - INDUCTION LOOP VEHICLE DETECTION SYSTEM
 - HMA CL. 1/2" PG 58H-22
 - ▨ CEMENT CONC. SIDEWALK
 - ▨ MMA TRUNCATED DOME
 - ▨ CEMENT CONC. TRAFFIC CURB & GUTTER

- CONSTRUCTION NOTES**
- 1 PROFILED PLASTIC LANE LINE (MATERIAL TYPE D)
 - 2 PROFILED PLASTIC CENTERLINE (MATERIAL TYPE D)
 - 3 PROFILED PLASTIC WIDE LINE (MATERIAL TYPE D)
 - 4 PLASTIC STOP LINE (TYPE A) — PER CFW STD DETAIL FW.M15.10
 - 5 PLASTIC CROSSWALK LINE (MATERIAL TYPE A) — PER CFW STD DETAIL FW.M15.10
 - 6 FLEXIBLE GUIDE POST
 - 7 PLASTIC TRAFFIC ARROW TYPE 2SL (MATERIAL TYPE A) CFW STA. DETAIL FW.M15.10, LANE CENTERED
 - 8 PROFILED PLASTIC TWO-WAY LEFT TURN LINE (MATERIAL TYPE D)
 - 9 PLASTIC EDGE LINE. PLAN 24.10
 - 10 PRESERVED AND PROTECTED ISLAND
 - 11 PLASTIC YIELD LINE SYMBOL, CFW STD. DETAIL FW.M15.10
 - 12 CEMENT CONC. EXTRUDED CURB TYPE 6, WSDOT STD. PLAN F-10.42-00
 - 13 PRECAST DUAL FACED SLOPED MOUNTABLE CURB, WSDOT STD PLAN F-10.64-03
 - 14 PROFILED PLASTIC DOTTED WIDE LINE (MATERIAL TYPE D)
 - 15 PLASTIC HOV LANE SYMBOL PER CFW STD. DETAIL FW.M15.10 (MATERIAL TYPE A), LANE CENTERED
 - 16 FLEXIBLE GUIDE POST WITH BASE
 - 17 ADJUST MANHOLE PER CFW STD. DETAIL 3-55
 - 18 TO BE ADJUSTED BY OTHERS
 - 19 REPLACE EXISTING LID/FRAME WITH EXTRA HEAVY DUTY RSL FRAME AND GRATE



*****UNOFFICIAL BID COPY***** Contract Documents, plan holder's list, and addenda (if applicable) are available on BXWA.com

CITY OF Federal Way
Centered on Opportunity

33325 8th Avenue South
Federal Way, WA 98003-6325

(253) 835-2700
www.federalwaywa.gov

811
Know what's below.
Call 811 before you dig.

DRAFTED: A. KAZIMI
DESIGNED: J. HUYNH
REVIEWED: C. MULLEN
APPROVED: D. WINKLER

CHRISTINE J. MULLEN
REGISTERED PROFESSIONAL ENGINEER
20 Feb 26

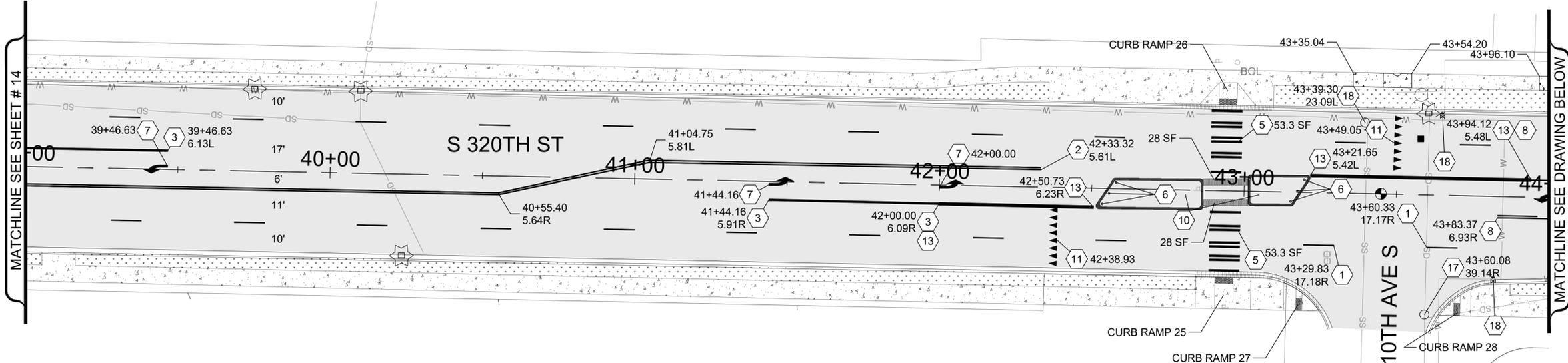
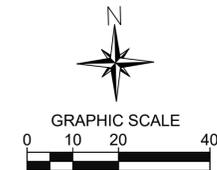
DRAWING VERSION / REVISION LOG		
NO.	DATE	REVISION

S 320TH ST PRESERVATION PROJECT

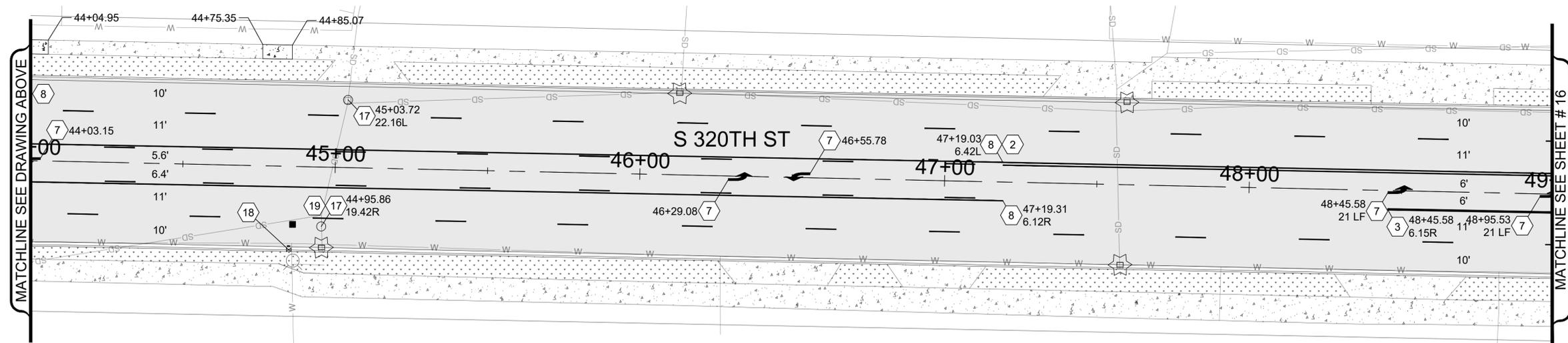
ROADWAY AND CHANNELIZATION PLAN

STA 29+00 TO STA 39+00

CITY PROJECT #:	36252
SHT.	14
OF	40



GENERAL NOTE:
 - CONTRACTOR WILL ADJUST WATER, SEWER, AND CITY UTILITY FACILITIES.
 - CONTRACTOR IS RESPONSIBLE TO COORDINATE ADJUSTMENT OF GAS AND TELECOMMUNICATION UTILITIES.



- LEGEND**
- HYDRANT MARKER
 - ⊙ ADJUST MONUMENT CASE & COVER
 - △ MONUMENTS IN ISLAND PRESERVE AND PROTECT
 - ⊕ MONUMENT TO BE UNCOVERED OR ESTABLISHED
 - INDUCTION LOOP VEHICLE DETECTION SYSTEM
 - HMA CL. 1/2 PG 58H-22
 - ▨ CEMENT CONC. SIDEWALK
 - ▨ MMA TRUNCATED DOME
 - ▨ CEMENT CONC. TRAFFIC CURB & GUTTER
- CONSTRUCTION NOTES**
- 1 PROFILED PLASTIC LANE LINE (MATERIAL TYPE D)
 - 2 PROFILED PLASTIC CENTERLINE (MATERIAL TYPE D)
 - 3 PROFILED PLASTIC WIDE LINE (MATERIAL TYPE D)
 - 4 PLASTIC STOP LINE (TYPE A) — PER CFW STD DETAIL FW.M15.10
 - 5 PLASTIC CROSSWALK LINE (MATERIAL TYPE A) — PER CFW STD DETAIL FW.M15.10
 - 6 FLEXIBLE GUIDE POST
 - 7 PLASTIC TRAFFIC ARROW TYPE 2SL (MATERIAL TYPE A) CFW STA. DETAIL FW.M15.10, LANE CENTERED
 - 8 PROFILED PLASTIC TWO-WAY LEFT TURN LINE (MATERIAL TYPE D)
 - 9 PLASTIC EDGE LINE. PLAN 24.10
 - 10 PRESERVED AND PROTECTED ISLAND
 - 11 PLASTIC YIELD LINE SYMBOL, CFW STD. DETAIL FW.M15.10
 - 12 CEMENT CONC. EXTRUDED CURB TYPE 6, WSDOT STD. PLAN F-10.42-00
 - 13 PRECAST DUAL FACED SLOPED MOUNTABLE CURB, WSDOT STD PLAN F-10.64-03
 - 14 PROFILED PLASTIC DOTTED WIDE LINE (MATERIAL TYPE D)
 - 15 PLASTIC HOV LANE SYMBOL PER CFW STD. DETAIL FW.M15.10 (MATERIAL TYPE A), LANE CENTERED
 - 16 FLEXIBLE GUIDE POST WITH BASE
 - 17 ADJUST MANHOLE PER CFW STD. DETAIL 3-55
 - 18 TO BE ADJUSTED BY OTHERS
 - 19 REPLACE EXISTING LID/FRAME WITH EXTRA HEAVY DUTY RSL FRAME AND GRATE

*****UNOFFICIAL BID COPY***** Official bid documents, plan holder's list, and addenda (if applicable) are available on BXWA.com



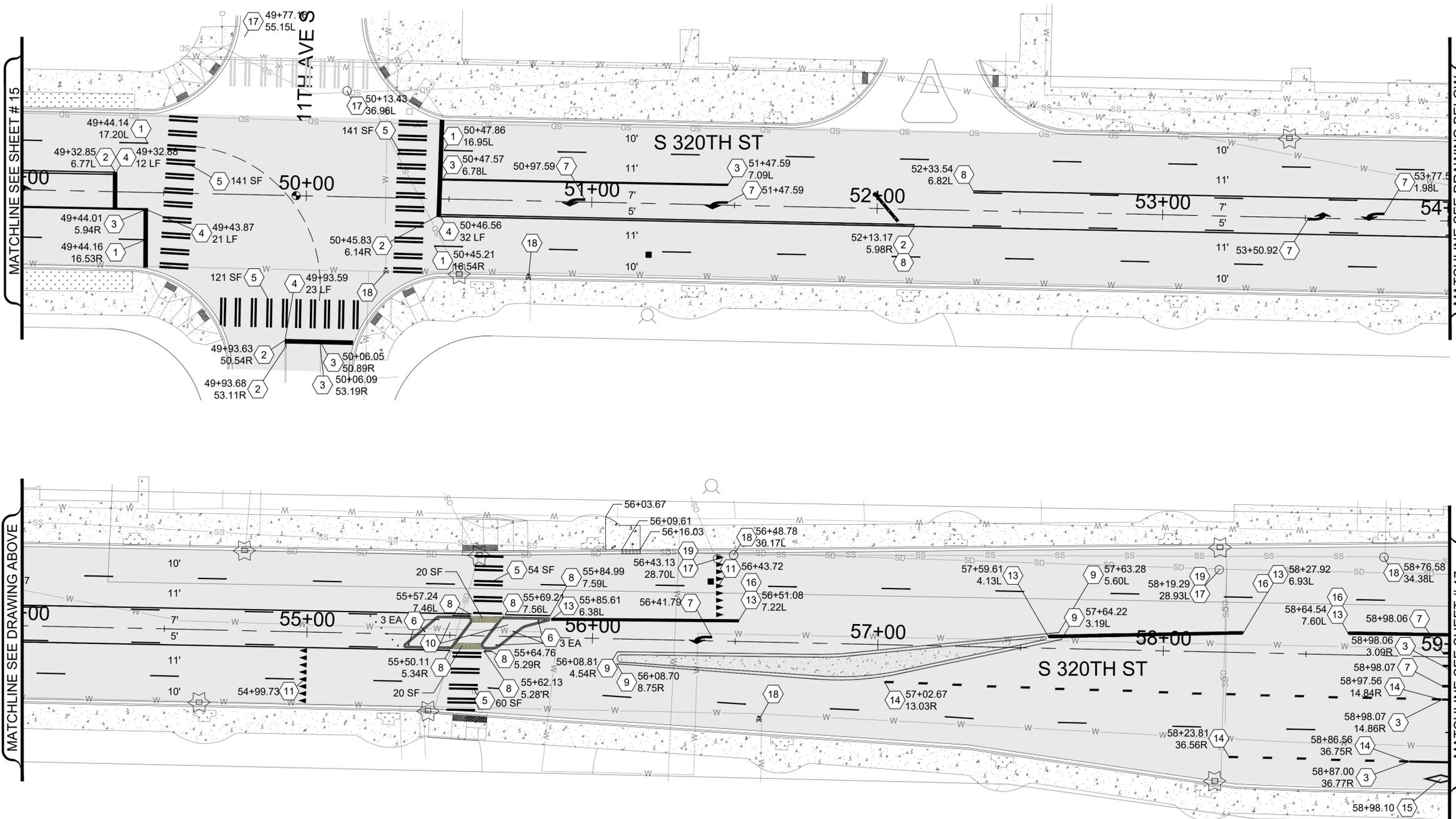
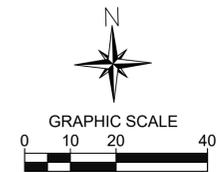
DRAFTED: A. KAZIMI
 DESIGNED: J. HUYNH
 REVIEWED: C. MULLEN
 APPROVED: D. WINKLER



DRAWING VERSION / REVISION LOG		
NO.	DATE	REVISION

S 320TH ST PRESERVATION PROJECT
ROADWAY AND CHANNELIZATION PLAN
 STA 39+00 TO STA 49+00

CITY PROJECT #: 36252
 SHT. 15
 OF 40



GENERAL NOTE:

- CONTRACTOR WILL ADJUST WATER, SEWER, AND CITY UTILITY FACILITIES.
- CONTRACTOR IS RESPONSIBLE TO COORDINATE ADJUSTMENT OF GAS AND TELECOMMUNICATION UTILITIES.

*****UNOFFICIAL BID COPY***** Official bid documents, plan holder's list, and addenda (if applicable) are available on BXWA.com

33325 8th Avenue South
Federal Way, WA 98003-6325
(253) 835-2700
www.federalwaywa.gov

DRAFTED: A. KAZIMI
DESIGNED: J. HUYNH
REVIEWED: C. MULLEN
APPROVED: D. WINKLER



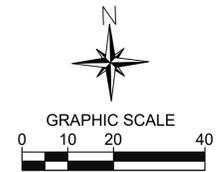
DRAWING VERSION / REVISION LOG		
NO.	DATE	REVISION

S 320TH ST PRESERVATION PROJECT

ROADWAY AND CHANNELIZATION PLAN

STA 49+00 TO STA 59+00

CITY PROJECT #: 36252
SHT. 16
OF 40

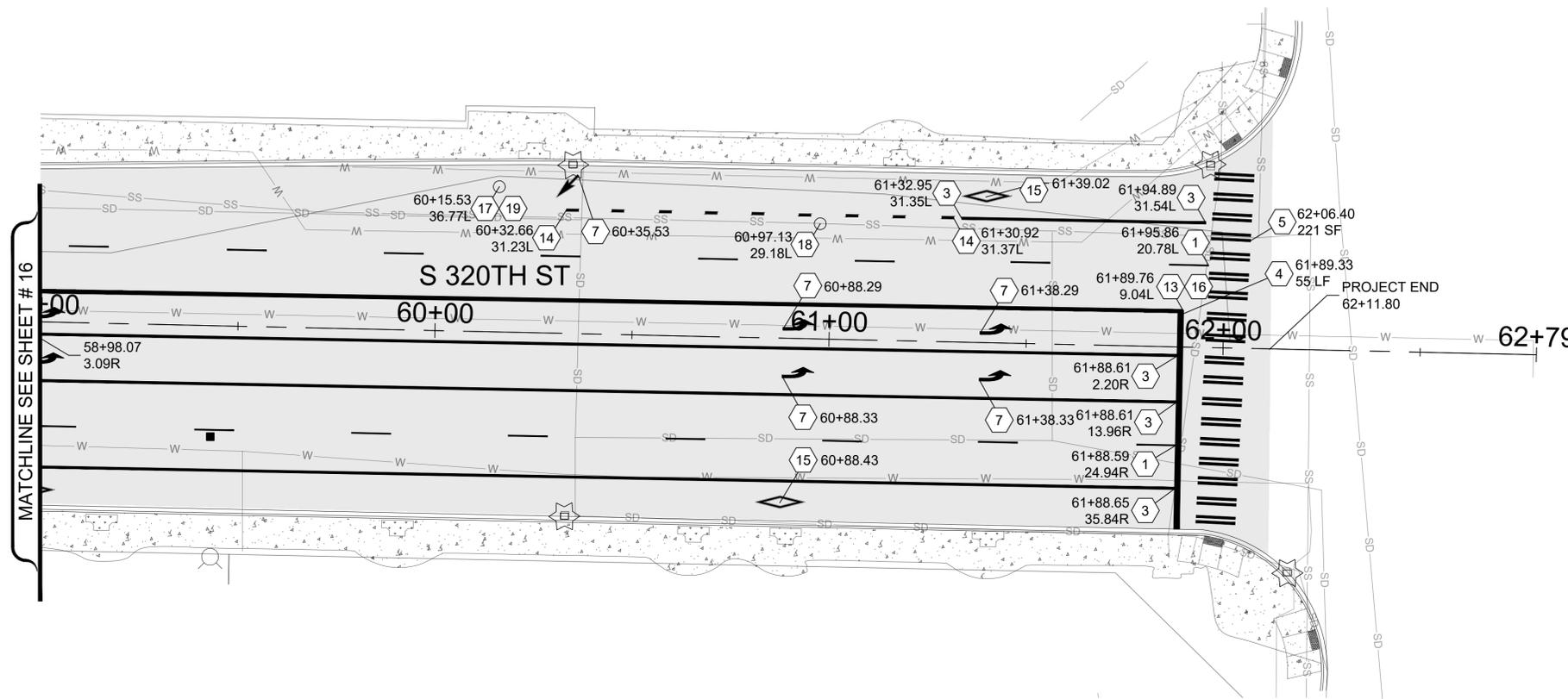


LEGEND

- HYDRANT MARKER
- ⊙ ADJUST MONUMENT CASE & COVER
- △ MONUMENTS IN ISLAND PRESERVE AND PROTECT
- ⊕ MONUMENT TO BE UNCOVERED OR ESTABLISHED
- INDUCTION LOOP VEHICLE DETECTION SYSTEM
- HMA CL. 1/2 PG 58H-22
- ▨ CEMENT CONC. SIDEWALK
- ▨ MMA TRUNCATED DOME
- ▨ CEMENT CONC. TRAFFIC CURB & GUTTER

CONSTRUCTION NOTES

- 1 PROFILED PLASTIC LANE LINE (MATERIAL TYPE D)
- 2 PROFILED PLASTIC CENTERLINE (MATERIAL TYPE D)
- 3 PROFILED PLASTIC WIDE LINE (MATERIAL TYPE D)
- 4 PLASTIC STOP LINE (TYPE A) — PER CFW STD DETAIL FW.M15.10
- 5 PLASTIC CROSSWALK LINE (MATERIAL TYPE A) — PER CFW STD DETAIL FW.M15.10
- 6 FLEXIBLE GUIDE POST
- 7 PLASTIC TRAFFIC ARROW TYPE 2SL (MATERIAL TYPE A) CFW STA. DETAIL FW.M15.10, LANE CENTERED
- 8 PROFILED PLASTIC TWO-WAY LEFT TURN LINE (MATERIAL TYPE D)
- 9 PLASTIC EDGE LINE. PLAN 24.10
- 10 PRESERVED AND PROTECTED ISLAND
- 11 PLASTIC YIELD LINE SYMBOL, CFW STD. DETAIL FW.M15.10
- 12 CEMENT CONC. EXTRUDED CURB TYPE 6, WSDOT STD. PLAN F-10.42-00
- 13 PRECAST DUAL FACED SLOPED MOUNTABLE CURB, WSDOT STD PLAN F-10.64-03
- 14 PROFILED PLASTIC DOTTED WIDE LINE (MATERIAL TYPE D)
- 15 PLASTIC HOV LANE SYMBOL PER CFW STD. DETAIL FW.M15.10 (MATERIAL TYPE A), LANE CENTERED
- 16 FLEXIBLE GUIDE POST WITH BASE
- 17 ADJUST MANHOLE PER CFW STD. DETAIL 3-55
- 18 TO BE ADJUSTED BY OTHERS
- 19 REPLACE EXISTING LID FRAME WITH EXTRA HEAVY DUTY RSL FRAME (IF APPLICABLE) are available on BXWA.com



GENERAL NOTE:

- CONTRACTOR WILL ADJUST WATER, SEWER, AND CITY UTILITY FACILITIES.
- CONTRACTOR IS RESPONSIBLE TO COORDINATE ADJUSTMENT OF GAS AND TELECOMMUNICATION UTILITIES.

*****UNOFFICIAL BID COPY***** Official bid documents, plan holder's list and addenda (if applicable) are available on BXWA.com

CITY OF Federal Way
Centered on Opportunity

33325 8th Avenue South
Federal Way, WA 98003-6325

(253) 835-2700
www.federalwaywa.gov

811
Know what's below.
Call 811 before you dig.

DRAFTED: A. KAZIMI
DESIGNED: J. HUYNH
REVIEWED: C. MULLEN
APPROVED: D. WINKLER

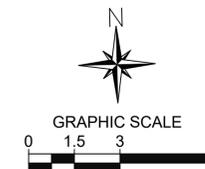
DRAWING VERSION / REVISION LOG		
NO.	DATE	REVISION

S 320TH ST PRESERVATION PROJECT

ROADWAY AND CHANNELIZATION PLAN

STA 59+00 TO STA 62+79

CITY PROJECT #: 36252
SHT. 17
OF 40



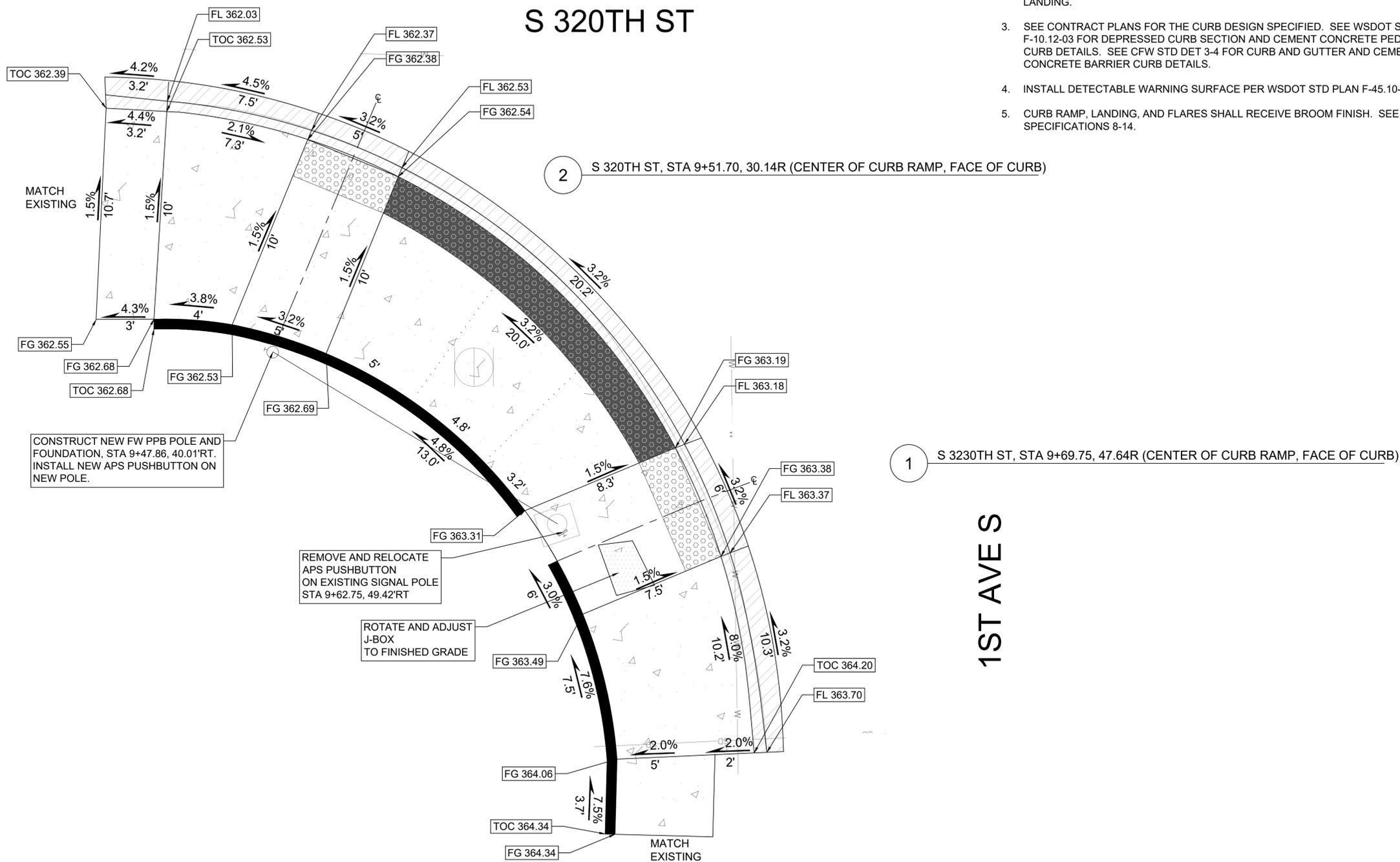
FL = GUTTER FLOW LINE
 TOC = TOP OF CURB
 FG = FINISH GRADE

CURB RAMP NOTES

1. SLOPES SHOWN IN PLAN VIEW, RAMP LAYOUT AND RAMP LENGTH FOR REFERENCE ONLY. FIELD VERIFY EXISTING CONDITIONS AND CONSTRUCT CURB RAMPS TO MEET ADA REQUIREMENTS.
2. DO NOT PLACE GRATINGS, JUNCTION BOXES, ACCESS COVERS, OR OTHER APPURTENANCES IN FRONT OF THE CURB RAMP OR ANY PART OF THE CURB RAMP OR LANDING.
3. SEE CONTRACT PLANS FOR THE CURB DESIGN SPECIFIED. SEE WSDOT STD PLAN F-10.12-03 FOR DEPRESSED CURB SECTION AND CEMENT CONCRETE PEDESTRIAN CURB DETAILS. SEE CFW STD DET 3-4 FOR CURB AND GUTTER AND CEMENT CONCRETE BARRIER CURB DETAILS.
4. INSTALL DETECTABLE WARNING SURFACE PER WSDOT STD PLAN F-45.10-02.
5. CURB RAMP, LANDING, AND FLARES SHALL RECEIVE BROOM FINISH. SEE STANDARD SPECIFICATIONS 8-14.

LEGEND

- CEMENT CONCRETE SIDEWALK
- DETECTABLE WARNING SURFACE - YELLOW
- DETECTABLE WARNING SURFACE - BLACK
- NON-SLIP MMA COATING
- CEMENT CONCRETE CURB & GUTTER
- PEDESTRIAN CURB



*****UNOFFICIAL BID COPY***** Official bid documents, plan holder's list, and addenda (if applicable) are available on BXWA.com



33325 8th Avenue South
 Federal Way, WA 98003-6325
 (253) 835-2700
 www.federalwaywa.gov



DRAFTED: A. KAZIMI
 DESIGNED: J. HUYNH
 REVIEWED: C. MULLEN
 APPROVED: D. WINKLER



DRAWING VERSION / REVISION LOG		
NO.	DATE	REVISION

S 320TH ST PRESERVATION PROJECT

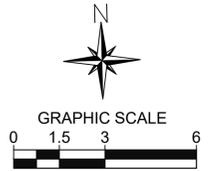
RAMP 01,02

CITY PROJECT #:
 36252
 SHT. 18
 OF 40

FL = GUTTER FLOW LINE
 TOC = TOP OF CURB
 FG = FINISH GRADE

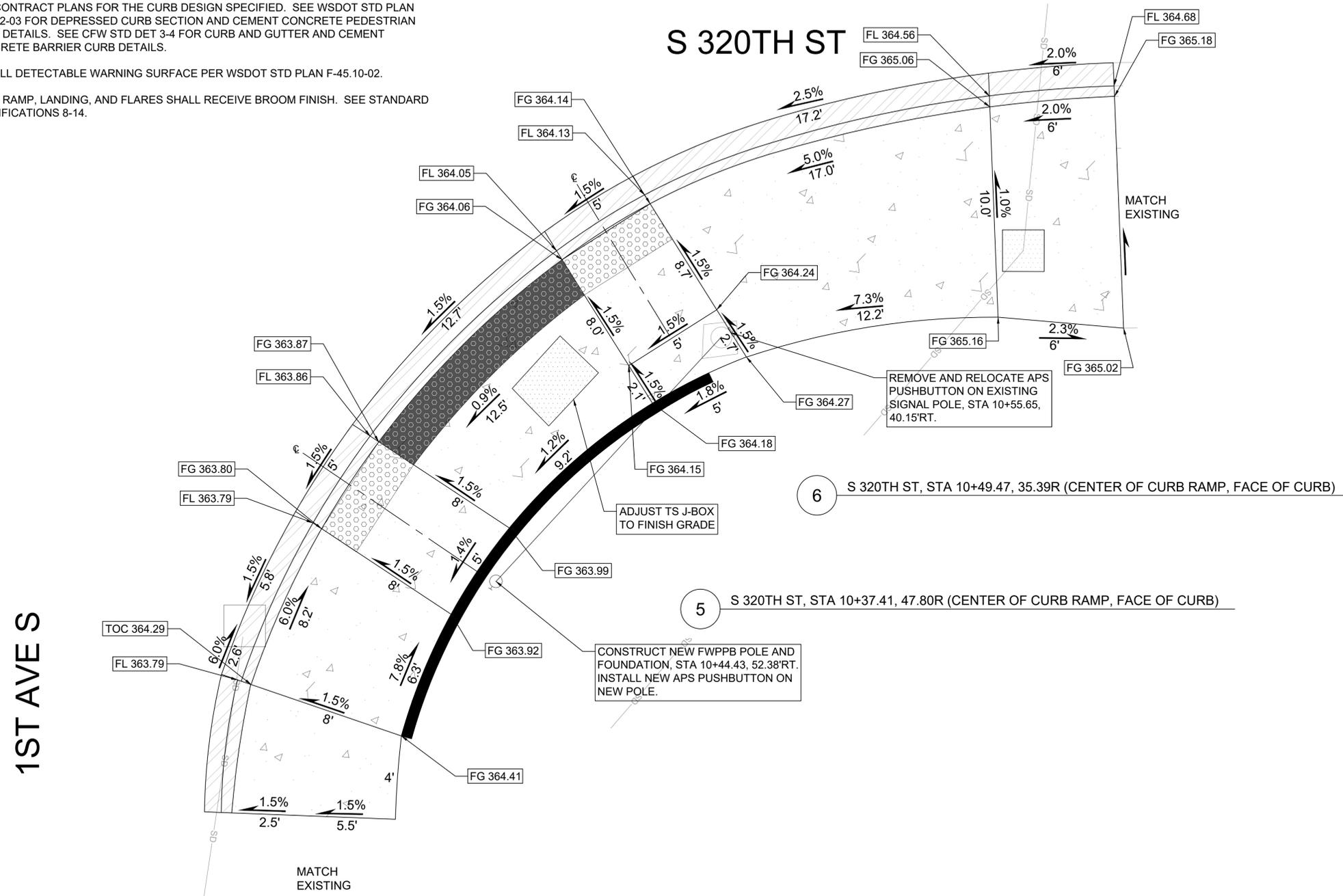
CURB RAMP NOTES

1. SLOPES SHOWN IN PLAN VIEW, RAMP LAYOUT AND RAMP LENGTH FOR REFERENCE ONLY. FIELD VERIFY EXISTING CONDITIONS AND CONSTRUCT CURB RAMP TO MEET ADA REQUIREMENTS.
2. DO NOT PLACE GRATINGS, JUNCTION BOXES, ACCESS COVERS, OR OTHER APPURTENANCES IN FRONT OF THE CURB RAMP OR ANY PART OF THE CURB RAMP OR LANDING.
3. SEE CONTRACT PLANS FOR THE CURB DESIGN SPECIFIED. SEE WSDOT STD PLAN F-10.12-03 FOR DEPRESSED CURB SECTION AND CEMENT CONCRETE PEDESTRIAN CURB DETAILS. SEE CFW STD DET 3-4 FOR CURB AND GUTTER AND CEMENT CONCRETE BARRIER CURB DETAILS.
4. INSTALL DETECTABLE WARNING SURFACE PER WSDOT STD PLAN F-45.10-02.
5. CURB RAMP, LANDING, AND FLARES SHALL RECEIVE BROOM FINISH. SEE STANDARD SPECIFICATIONS 8-14.



LEGEND

- CEMENT CONCRETE SIDEWALK
- DETECTABLE WARNING SURFACE - YELLOW
- DETECTABLE WARNING SURFACE - BLACK
- NON-SLIP MMA COATING
- CEMENT CONCRETE CURB & GUTTER
- PEDESTRIAN CURB



*****UNOFFICIAL BID COPY***** Official bid documents, plan holder's list, and addenda (if applicable) are available on BXWA.com

CITY OF Federal Way
 Centered on Opportunity
 33325 8th Avenue South
 Federal Way, WA 98003-6325
 (253) 835-2700
 www.federalwaywa.gov

811
 Know what's below.
 Call 811 before you dig.

DRAFTED: A. KAZIMI
 DESIGNED: J. HUYNH
 REVIEWED: C. MULLEN
 APPROVED: D. WINKLER

CHRISTINE J. MULLEN
 REGISTERED PROFESSIONAL ENGINEER
 20 Feb 26

DRAWING VERSION / REVISION LOG		
NO.	DATE	REVISION

S 320TH ST PRESERVATION PROJECT

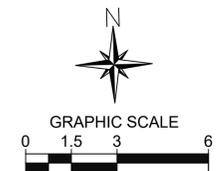
RAMP 05, 06

CITY PROJECT #:	36252
SHT.	20
OF	40

FL = GUTTER FLOW LINE
 TOC = TOP OF CURB
 FG = FINISH GRADE

CURB RAMP NOTES

1. SLOPES SHOWN IN PLAN VIEW, RAMP LAYOUT AND RAMP LENGTH FOR REFERENCE ONLY. FIELD VERIFY EXISTING CONDITIONS AND CONSTRUCT CURB RAMP TO MEET ADA REQUIREMENTS.
2. DO NOT PLACE GRATINGS, JUNCTION BOXES, ACCESS COVERS, OR OTHER APPURTENANCES IN FRONT OF THE CURB RAMP OR ANY PART OF THE CURB RAMP OR LANDING.
3. SEE CONTRACT PLANS FOR THE CURB DESIGN SPECIFIED. SEE WSDOT STD PLAN F-10.12-03 FOR DEPRESSED CURB SECTION AND CEMENT CONCRETE PEDESTRIAN CURB DETAILS. SEE CFW STD DET 3-4 FOR CURB AND GUTTER AND CEMENT CONCRETE BARRIER CURB DETAILS.
4. INSTALL DETECTABLE WARNING SURFACE PER WSDOT STD PLAN F-45.10-02.
5. CURB RAMP, LANDING, AND FLARES SHALL RECEIVE BROOM FINISH. SEE STANDARD SPECIFICATIONS 8-14.



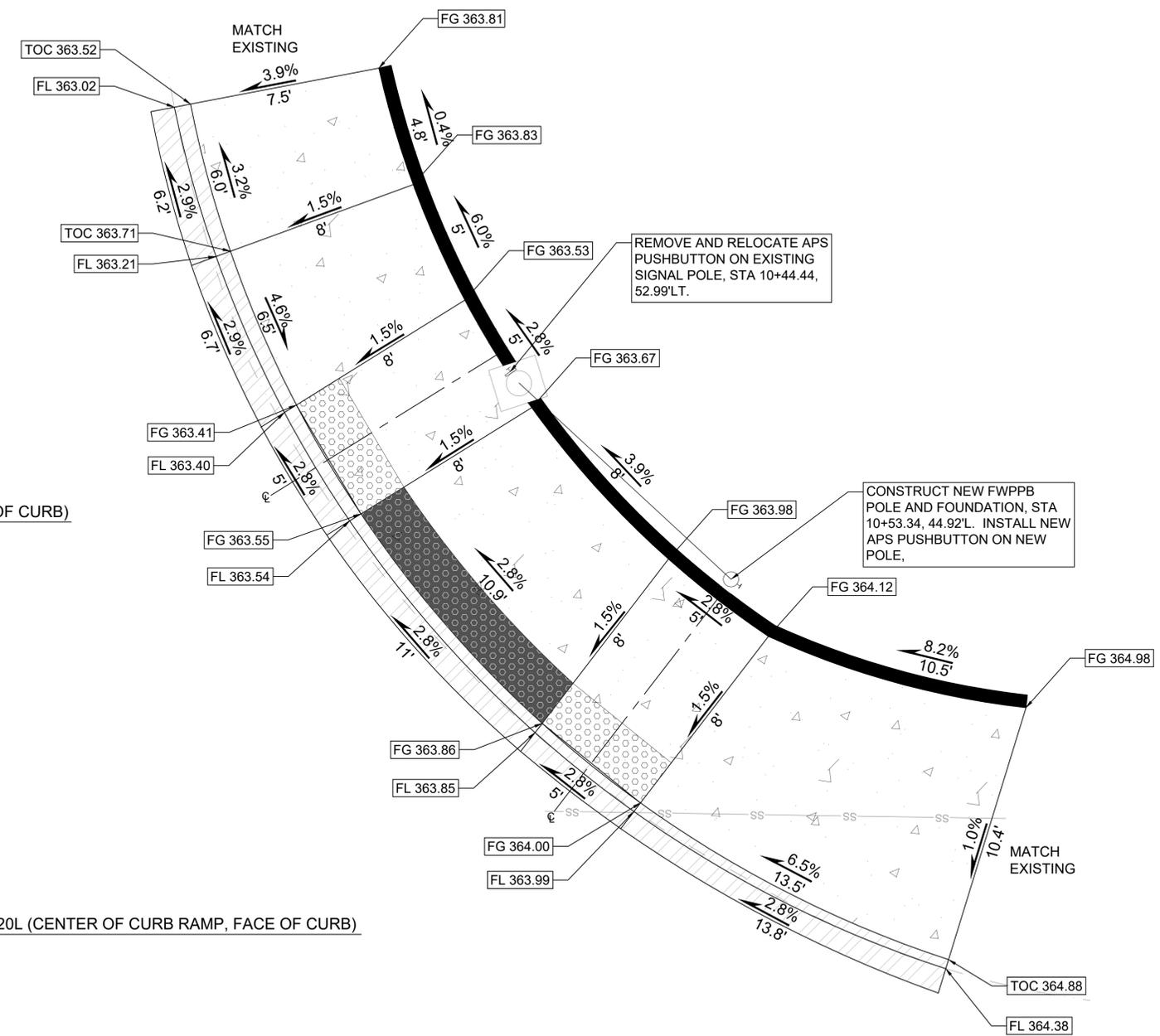
LEGEND

- CEMENT CONCRETE SIDEWALK
- DETECTABLE WARNING SURFACE - YELLOW
- DETECTABLE WARNING SURFACE - BLACK
- NON-SLIP MMA COATING
- CEMENT CONCRETE CURB & GUTTER
- PEDESTRIAN CURB

1ST AVES

8 S 320TH ST, STA 10+37.28, 49.38L (CENTER OF CURB RAMP, FACE OF CURB)

7 S 3230TH ST, STA 10+47.64, 37.20L (CENTER OF CURB RAMP, FACE OF CURB)



S 320TH ST

*****UNOFFICIAL BID COPY***** Official bid documents, plan holder's list, and addenda (if applicable) are available on BXWA.com

CITY OF Federal Way
 Centered on Opportunity
 33325 8th Avenue South
 Federal Way, WA 98003-6325
 (253) 835-2700
 www.federalwaywa.gov

811
 Know what's below.
 Call 811 before you dig.

DRAFTED: A. KAZIMI
 DESIGNED: J. HUYNH
 REVIEWED: C. MULLEN
 APPROVED: D. WINKLER

Christine J. Mullen
 20 Feb 26

DRAWING VERSION / REVISION LOG		
NO.	DATE	REVISION

S 320TH ST PRESERVATION PROJECT

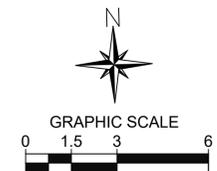
RAMP 07, 08

CITY PROJECT #:	36252
SHT.	21
OF	40

FL = GUTTER FLOW LINE
 TOC = TOP OF CURB
 FG = FINISH GRADE

CURB RAMP NOTES

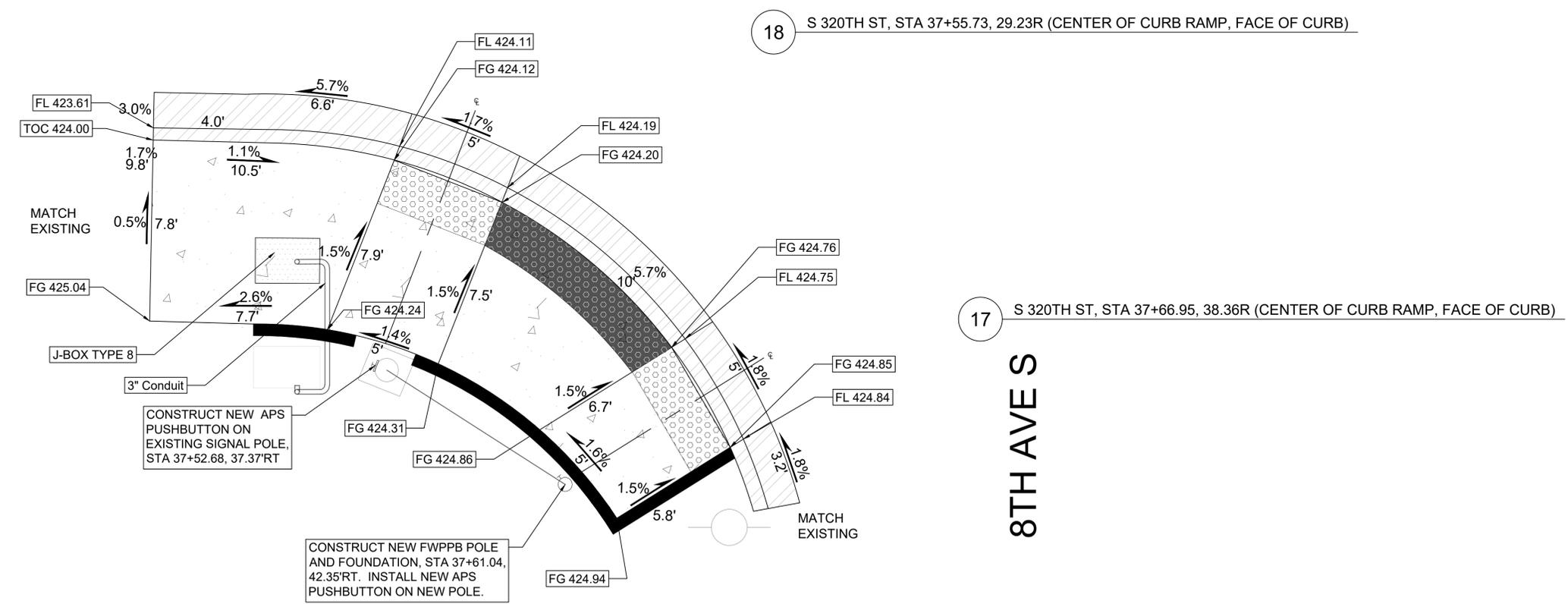
1. SLOPES SHOWN IN PLAN VIEW, RAMP LAYOUT AND RAMP LENGTH FOR REFERENCE ONLY. FIELD VERIFY EXISTING CONDITIONS AND CONSTRUCT CURB RAMP TO MEET ADA REQUIREMENTS.
2. DO NOT PLACE GRATINGS, JUNCTION BOXES, ACCESS COVERS, OR OTHER APPURTENANCES IN FRONT OF THE CURB RAMP OR ANY PART OF THE CURB RAMP OR LANDING.
3. SEE CONTRACT PLANS FOR THE CURB DESIGN SPECIFIED. SEE WSDOT STD PLAN F-10.12-03 FOR DEPRESSED CURB SECTION AND CEMENT CONCRETE PEDESTRIAN CURB DETAILS. SEE CFW STD DET 3-4 FOR CURB AND GUTTER AND CEMENT CONCRETE BARRIER CURB DETAILS.
4. INSTALL DETECTABLE WARNING SURFACE PER WSDOT STD PLAN F-45.10-02.
5. CURB RAMP, LANDING, AND FLARES SHALL RECEIVE BROOM FINISH. SEE STANDARD SPECIFICATIONS 8-14.



LEGEND

- CEMENT CONCRETE SIDEWALK
- DETECTABLE WARNING SURFACE - YELLOW
- DETECTABLE WARNING SURFACE - BLACK
- NON-SLIP MMA COATING
- CEMENT CONCRETE CURB & GUTTER
- PEDESTRIAN CURB

S 320TH ST



*****UNOFFICIAL BID COPY***** Official bid documents, plan holder's list, and addenda (if applicable) are available on BXWA.com

CITY OF Federal Way
 Centered on Opportunity
 33325 8th Avenue South (253) 835-2700
 Federal Way, WA 98003-6325 www.federalwaywa.gov

811
 Know what's below. Call 811 before you dig.

DRAFTED: A. KAZIMI
 DESIGNED: J. HUYNH
 REVIEWED: C. MULLEN
 APPROVED: D. WINKLER

DRAWING VERSION / REVISION LOG		
NO.	DATE	REVISION

S 320TH ST PRESERVATION PROJECT

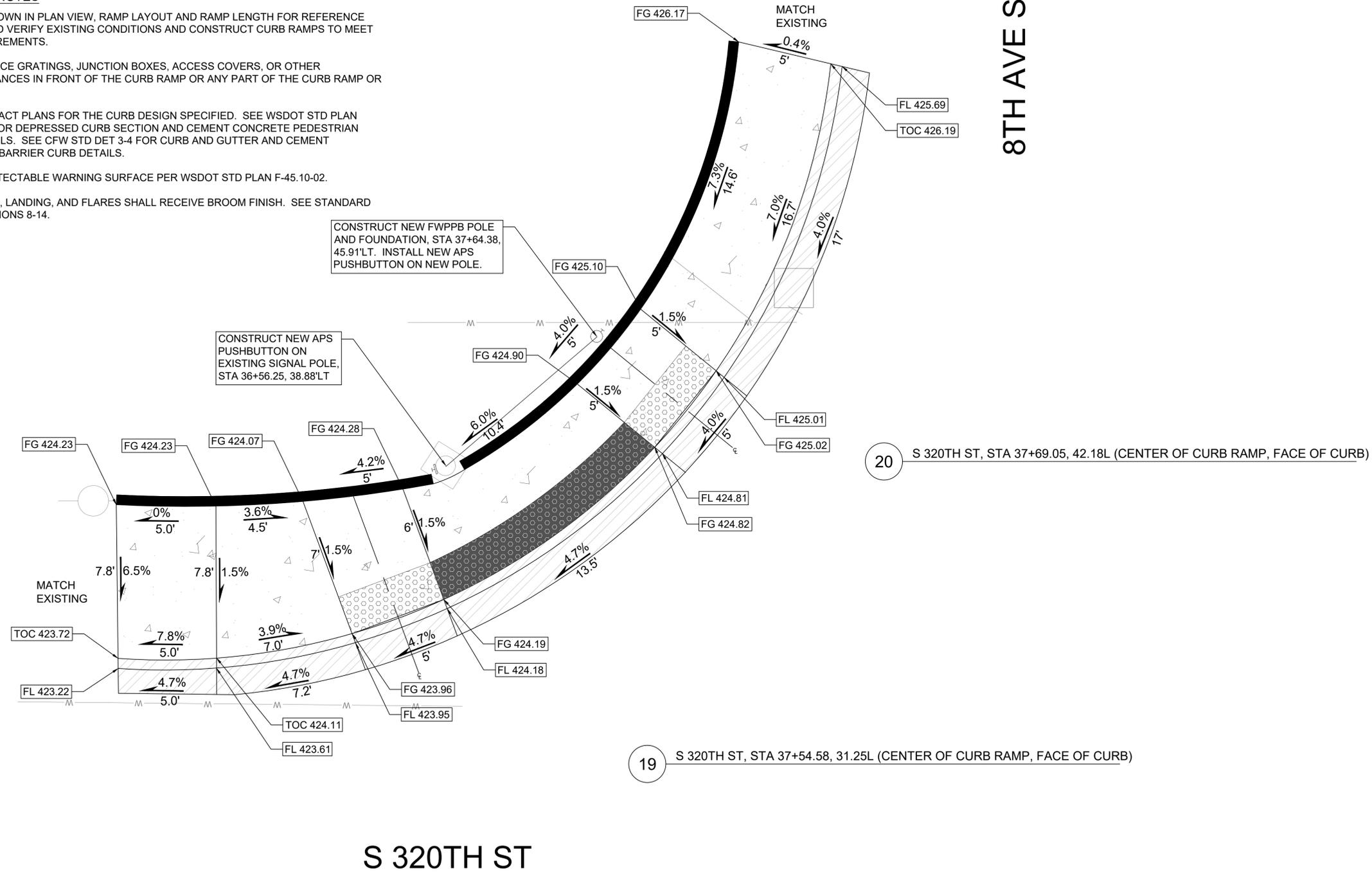
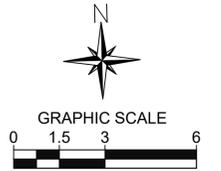
RAMP 17, 18

CITY PROJECT #:	36252
SHT.	22
OF	40

FL = GUTTER FLOW LINE
 TOC = TOP OF CURB
 FG = FINISH GRADE

CURB RAMP NOTES

1. SLOPES SHOWN IN PLAN VIEW, RAMP LAYOUT AND RAMP LENGTH FOR REFERENCE ONLY. FIELD VERIFY EXISTING CONDITIONS AND CONSTRUCT CURB RAMP TO MEET ADA REQUIREMENTS.
2. DO NOT PLACE GRATINGS, JUNCTION BOXES, ACCESS COVERS, OR OTHER APPURTENANCES IN FRONT OF THE CURB RAMP OR ANY PART OF THE CURB RAMP OR LANDING.
3. SEE CONTRACT PLANS FOR THE CURB DESIGN SPECIFIED. SEE WSDOT STD PLAN F-10.12-03 FOR DEPRESSED CURB SECTION AND CEMENT CONCRETE PEDESTRIAN CURB DETAILS. SEE CFW STD DET 3-4 FOR CURB AND GUTTER AND CEMENT CONCRETE BARRIER CURB DETAILS.
4. INSTALL DETECTABLE WARNING SURFACE PER WSDOT STD PLAN F-45.10-02.
5. CURB RAMP, LANDING, AND FLARES SHALL RECEIVE BROOM FINISH. SEE STANDARD SPECIFICATIONS 8-14.



LEGEND

- CEMENT CONCRETE SIDEWALK
- DETECTABLE WARNING SURFACE - YELLOW
- DETECTABLE WARNING SURFACE - BLACK
- NON-SLIP MMA COATING
- CEMENT CONCRETE CURB & GUTTER
- PEDESTRIAN CURB

*****UNOFFICIAL BID COPY***** Official bid documents, plan holder's list, and addenda (if applicable) are available on BXWA.com



33325 8th Avenue South
 Federal Way, WA 98003-6325
 (253) 835-2700
 www.federalwaywa.gov



DRAFTED: A. KAZIMI
 DESIGNED: J. HUYNH
 REVIEWED: C. MULLEN
 APPROVED: D. WINKLER



DRAWING VERSION / REVISION LOG		
NO.	DATE	REVISION

S 320TH ST PRESERVATION PROJECT

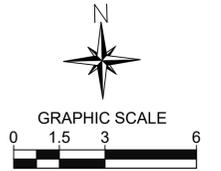
RAMP 19, 20

CITY PROJECT #:
 36252
 SHT. 23
 OF 40

FL = GUTTER FLOW LINE
 TOC = TOP OF CURB
 FG = FINISH GRADE

CURB RAMP NOTES

1. SLOPES SHOWN IN PLAN VIEW, RAMP LAYOUT AND RAMP LENGTH FOR REFERENCE ONLY. FIELD VERIFY EXISTING CONDITIONS AND CONSTRUCT CURB RAMP TO MEET ADA REQUIREMENTS.
2. DO NOT PLACE GRATINGS, JUNCTION BOXES, ACCESS COVERS, OR OTHER APPURTENANCES IN FRONT OF THE CURB RAMP OR ANY PART OF THE CURB RAMP OR LANDING.
3. SEE CONTRACT PLANS FOR THE CURB DESIGN SPECIFIED. SEE WSDOT STD PLAN F-10.12-03 FOR DEPRESSED CURB SECTION AND CEMENT CONCRETE PEDESTRIAN CURB DETAILS. SEE CFW STD DET 3-4 FOR CURB AND GUTTER AND CEMENT CONCRETE BARRIER CURB DETAILS.
4. INSTALL DETECTABLE WARNING SURFACE PER WSDOT STD PLAN F-45.10-02.
5. CURB RAMP, LANDING, AND FLARES SHALL RECEIVE BROOM FINISH. SEE STANDARD SPECIFICATIONS 8-14.



LEGEND

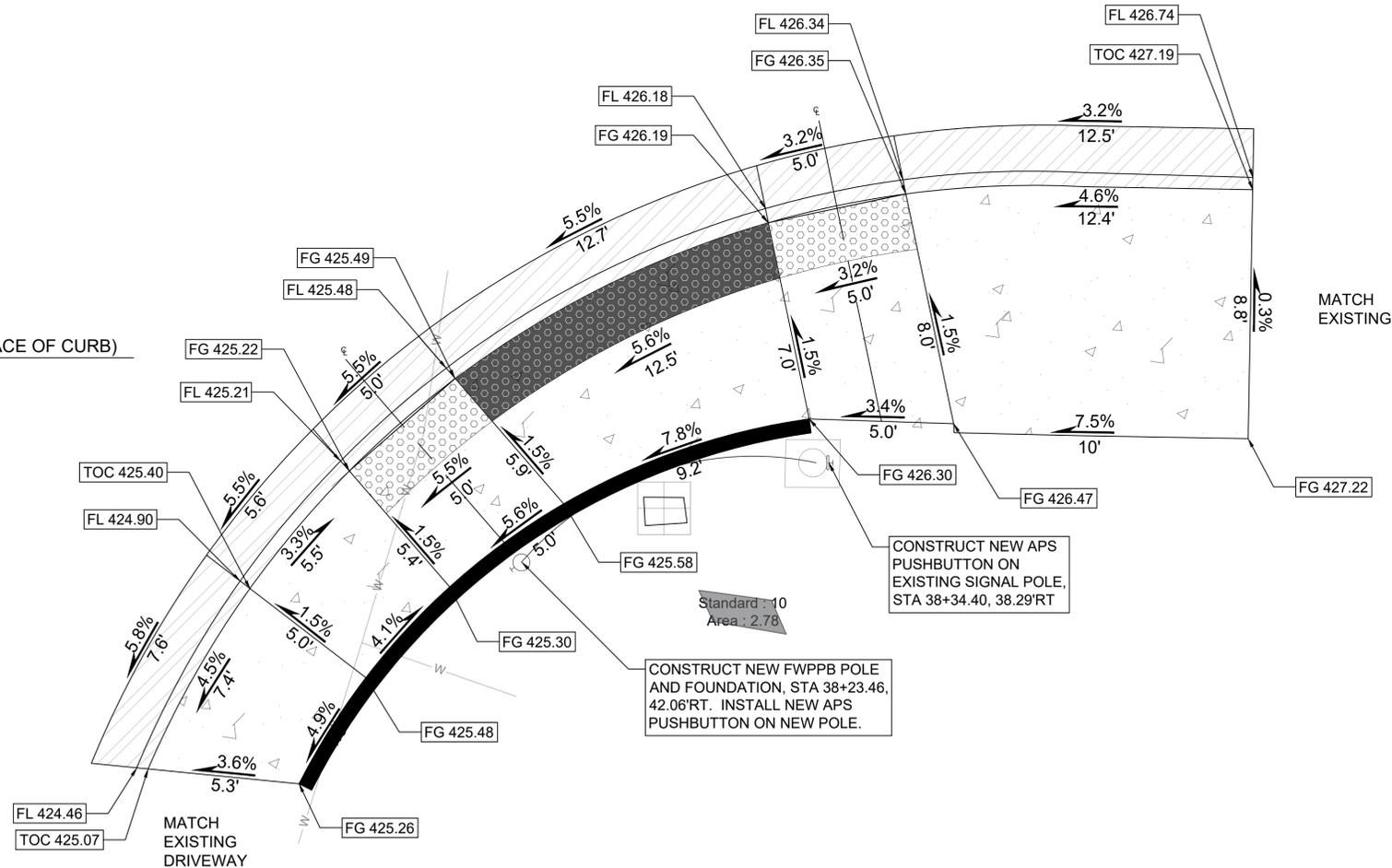
- CEMENT CONCRETE SIDEWALK
- DETECTABLE WARNING SURFACE - YELLOW
- DETECTABLE WARNING SURFACE - BLACK
- NON-SLIP MMA COATING
- CEMENT CONCRETE CURB & GUTTER
- PEDESTRIAN CURB

S 320TH ST

22 S 320TH ST, STA 38+34.49, 29.16R (CENTER OF CURB RAMP, FACE OF CURB)

21 S 320TH ST, STA 38+19.14, 37.19R (CENTER OF CURB RAMP, FACE OF CURB)

8TH AVES



*****UNOFFICIAL BID COPY***** Official bid documents, plan holder's list, and addenda (if applicable) are available on BXWA.com



33325 8th Avenue South
 Federal Way, WA 98003-6325
 (253) 835-2700
www.federalwaywa.gov



DRAFTED: A. KAZIMI
 DESIGNED: J. HUYNH
 REVIEWED: C. MULLEN
 APPROVED: D. WINKLER

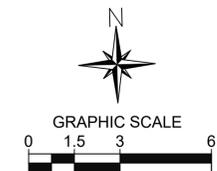


DRAWING VERSION / REVISION LOG		
NO.	DATE	REVISION

S 320TH ST PRESERVATION PROJECT

RAMP 21, 22

CITY PROJECT #:
 36252
 SHT. 24
 OF 40



FL = GUTTER FLOW LINE
 TOC = TOP OF CURB
 FG = FINISH GRADE

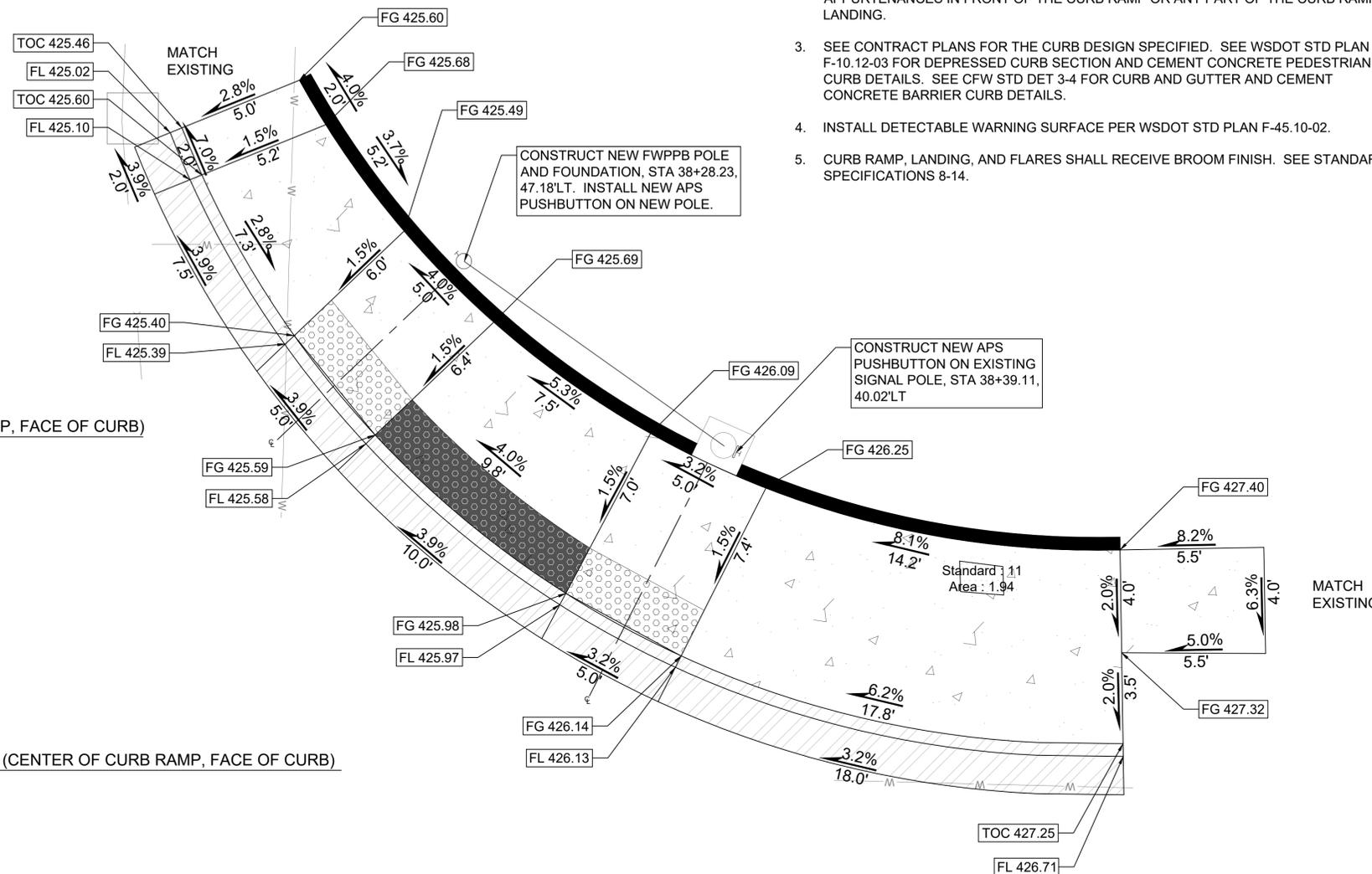
CURB RAMP NOTES

1. SLOPES SHOWN IN PLAN VIEW, RAMP LAYOUT AND RAMP LENGTH FOR REFERENCE ONLY. FIELD VERIFY EXISTING CONDITIONS AND CONSTRUCT CURB RAMPS TO MEET ADA REQUIREMENTS.
2. DO NOT PLACE GRATINGS, JUNCTION BOXES, ACCESS COVERS, OR OTHER APPURTENANCES IN FRONT OF THE CURB RAMP OR ANY PART OF THE CURB RAMP OR LANDING.
3. SEE CONTRACT PLANS FOR THE CURB DESIGN SPECIFIED. SEE WSDOT STD PLAN F-10.12-03 FOR DEPRESSED CURB SECTION AND CEMENT CONCRETE PEDESTRIAN CURB DETAILS. SEE CFW STD DET 3-4 FOR CURB AND GUTTER AND CEMENT CONCRETE BARRIER CURB DETAILS.
4. INSTALL DETECTABLE WARNING SURFACE PER WSDOT STD PLAN F-45.10-02.
5. CURB RAMP, LANDING, AND FLARES SHALL RECEIVE BROOM FINISH. SEE STANDARD SPECIFICATIONS 8-14.

LEGEND

- CEMENT CONCRETE SIDEWALK
- DETECTABLE WARNING SURFACE - YELLOW
- DETECTABLE WARNING SURFACE - BLACK
- NON-SLIP MMA COATING
- CEMENT CONCRETE CURB & GUTTER
- PEDESTRIAN CURB

8TH AVE S



24 S 320TH ST, STA 38+23.26, 42.27L (CENTER OF CURB RAMP, FACE OF CURB)

23 S 320TH ST, STA 38+34.83, 33.09L (CENTER OF CURB RAMP, FACE OF CURB)

S 320TH ST

*****UNOFFICIAL BID COPY***** Official bid documents, plan holder's list, and addenda (if applicable) are available on BXWA.com



33325 8th Avenue South (253) 835-2700
 Federal Way, WA 98003-6325 www.federalwaywa.gov



DRAFTED: A. KAZIMI
 DESIGNED: J. HUYNH
 REVIEWED: C. MULLEN
 APPROVED: D. WINKLER



DRAWING VERSION / REVISION LOG		
NO.	DATE	REVISION

S 320TH ST PRESERVATION PROJECT

RAMP 23, 24

CITY PROJECT #: 36252
 SHT. 25
 OF 40

MINIMUM LANE CLOSURE TAPER LENGTH = L (feet)										
LANE WIDTH (feet)	Posted Speed (mph)									
	25	30	35	40	45	50	55	60	65	70
10	105	150	205	270	450	500	550	-	-	-
11	115	165	225	295	495	550	605	660	-	-
12	125	180	245	320	540	600	660	720	780	840

MINIMUM SHOULDER TAPER LENGTH = L/3 (feet)										
SHOULDER WIDTH (feet)	Posted Speed (mph)									
	25	30	35	40	45	50	55	60	65	70
8'	40	40	60	90	120	130	150	160	170	190
10'	40	60	90	90	150	170	190	200	220	240

USE A MINIMUM 3 DEVICES TAPER FOR SHOULDER LESS THEN 8'.

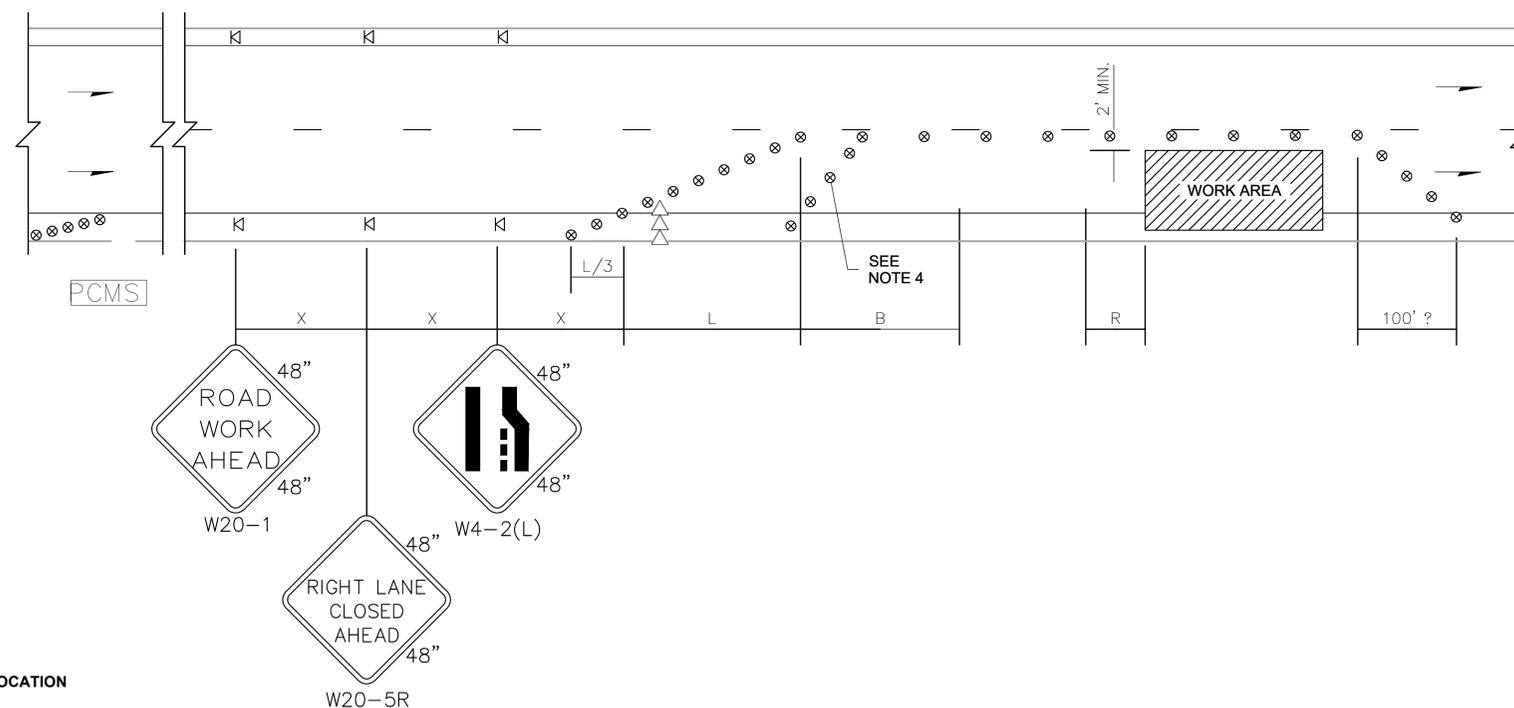
SIGN SPACING = X (1)		
FREEWAYS & EXPRESSWAYS	55 / 70 MPH	1500' □
RURAL HIGHWAYS	60 / 65 MPH	800' □
RURAL ROADS	45 / 55 MPH	500' □
RURAL ROADS & URBAN ARTERIALS	35 / 40 MPH	350' □
RURAL ROADS & URBAN ARTERIALS	25 / 30 MPH	200' □ (2)
RESIDENTIAL & BUSINESS DISTRICTS		
URBAN STREETS	25 MPH OR LESS	100' □ (2)

(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMP, AT-GRADE INTERSECTIONS AND DRIVEWAYS.
(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/70	40	80
35/45	30	60
25/30	20	40

BUFFER DATA										
LONGITUDINAL BUFFER SPACE = B										
LENGTH (feet)	25	30	35	40	45	50	55	60	65	70
	155	200	250	305	360	425	495	570	645	730

BUFFER VEHICLE ROLL AHEAD DISTANCE = R	
TRANSPORTABLE ATTENUATOR	30 FEET MIN. TO 100 FEET MAX.
MINIMUM HOST VEHICLE WEIGHT 15,000 LBS. THE MAXIMUM WEIGHT SHALL BE IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATION.	



PCMS	
1	2
RIGHT LANE CLOSURE	1 MILE AHEAD
2.0 SEC	2.0 SEC

FIELD LOCATE 1 MILE □ IN ADVANCE OF LANE CLOSURE SIGNING.

- LEGEND**
- ⊠ TEMPORARY SIGN LOCATION
 - ⊗ TRAFFIC SAFETY DRUM
 - ⇨⇨ SEQUENTIAL ARROW SIGN
 - PCMS PORTABLE CHANGEABLE MESSAGE SIGN

SINGLE-LANE CLOSURE FOR MULTI-LANE ROADWAYS

NOT TO SCALE

NOTES:

1. SEE SPECIAL PROVISIONS FOR WORK HOUR RESTRICTIONS.
2. EXTEND DEVICE TAPER AT L/3 ACROSS SHOULDER.
3. DEVICES SHALL NOT ENCR OACH INTO THE ADJACENT LANE.
4. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000' (FT) (RECOMMENDED).
5. DEVICE SPACING FOR THE DOWNSTREAM TAPER SHALL BE 20' (FT).
6. ALL SIGNS ARE BLACK ON ORANGE.

*****UNOFFICIAL BID COPY*****

Official bid documents, plan holder's list, and addenda (if applicable) are available on BXWA.com



33325 8th Avenue South
Federal Way, WA 98003-6325
(253) 835-2700
www.federalwaywa.gov



DRAFTED: A. KAZIMI
DESIGNED: J. HUYNH
REVIEWED: C. MULLEN
APPROVED: D. WINKLER



DRAWING VERSION / REVISION LOG		
NO.	DATE	REVISION

S 320TH ST PRESERVATION		CITY PROJECT #:
SINGLE LANE CLOSURE FOR MULTI-LANE ROADWAYS		36252
		SHT. 26
		OF 40

MINIMUM LANE CLOSURE TAPER LENGTH = L (feet)										
LANE WIDTH (feet)	Posted Speed (mph)									
	25	30	35	40	45	50	55	60	65	70
10	105	150	205	270	450	500	550	-	-	-
11	115	165	225	295	495	550	605	660	-	-
12	125	180	245	320	540	600	660	720	780	840

MINIMUM SHOULDER TAPER LENGTH = L/3 (feet)										
SHOULDER WIDTH (feet)	Posted Speed (mph)									
	25	30	35	40	45	50	55	60	65	70
8'	40	40	60	90	120	130	150	160	170	190
10'	40	60	90	90	150	170	190	200	220	240

USE A MINIMUM 3 DEVICES TAPER FOR SHOULDER LESS THEN 8'.

SIGN SPACING = X (1)		
FREEWAYS & EXPRESSWAYS	55 / 70 MPH	1500' □
RURAL HIGHWAYS	60 / 65 MPH	800' □
RURAL ROADS	45 / 55 MPH	500' □
RURAL ROADS & URBAN ARTERIALS	35 / 40 MPH	350' □
RURAL ROADS & URBAN ARTERIALS	25 / 30 MPH	200' □ (2)
RESIDENTIAL & BUSINESS DISTRICTS		
URBAN STREETS	25 MPH OR LESS	100' □ (2)

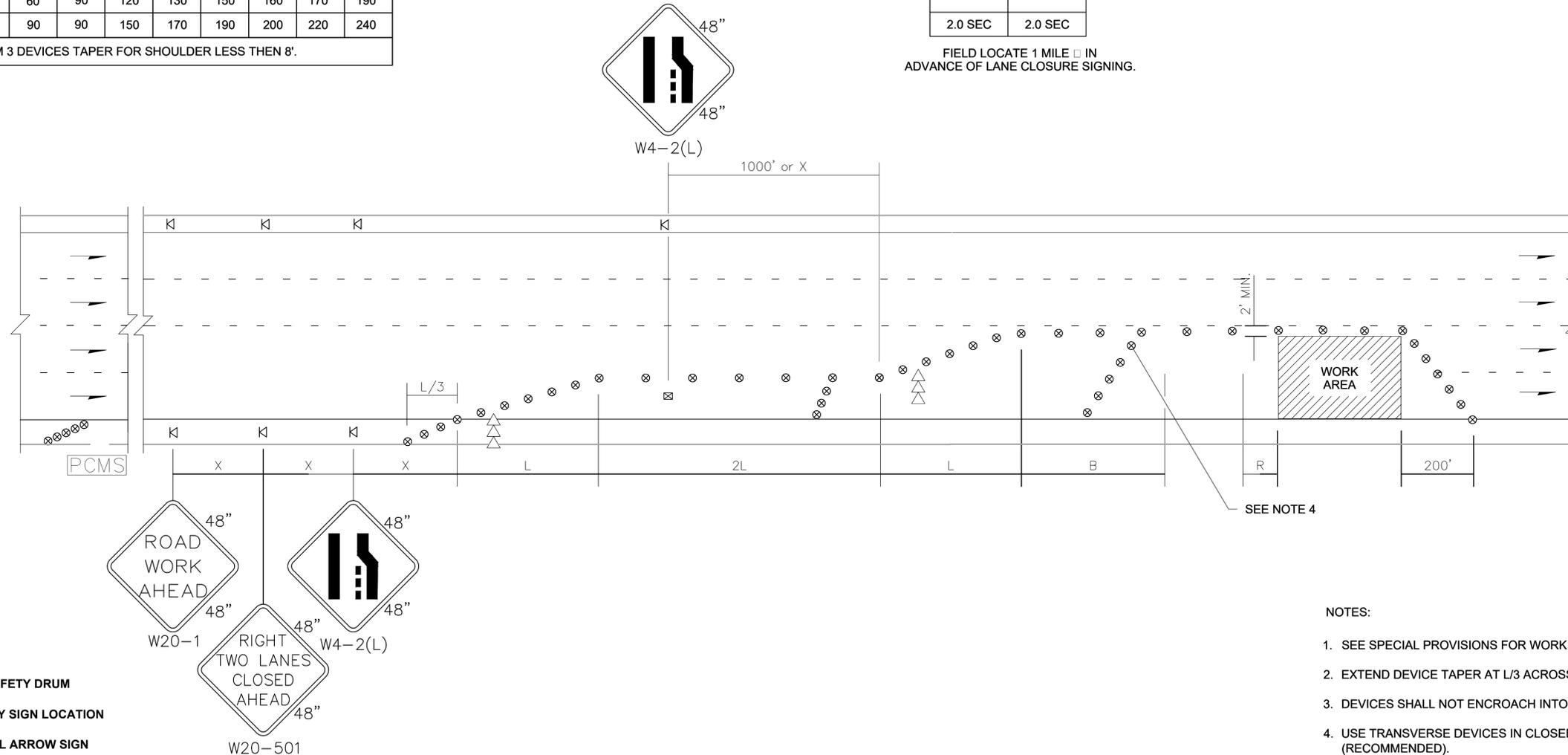
(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMP, AT-GRADE INTERSECTIONS AND DRIVEWAYS.
(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/70	40	80
35/45	30	60
25/30	20	40

BUFFER DATA										
LONGITUDINAL BUFFER SPACE = B										
SPEED (MPH)	25	30	35	40	45	50	55	60	65	70
LENGTH (feet)	155	200	250	305	360	425	495	570	645	730
BUFFER VEHICLE ROLL AHEAD DISTANCE = R										
TRANSPORTABLE ATTENUATOR										30 FEET MIN. TO 100 FEET MAX.
MINIMUM HOST VEHICLE WEIGHT 15,000 LBS. THE MAXIMUM WEIGHT SHALL BE IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATION.										

PCMS	
1	2
2 LANES CLOSED AHEAD	WATCH FOR SLOW TRAFFIC
2.0 SEC	2.0 SEC

FIELD LOCATE 1 MILE □ IN ADVANCE OF LANE CLOSURE SIGNING.



DOUBLE-LANE CLOSURE FOR MULTI-LANE ROADWAYS

NOT TO SCALE

NOTES:

- SEE SPECIAL PROVISIONS FOR WORK HOUR RESTRICTIONS.
- EXTEND DEVICE TAPER AT L/3 ACROSS SHOULDER.
- DEVICES SHALL NOT ENCROACH INTO THE ADJACENT LANES.
- USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000' (FT) (RECOMMENDED).
- DEVICE SPACING FOR THE DOWNSTREAM TAPER SHALL BE 20' (FT).
- ALL SIGNS ARE BLACK ON ORANGE.

UNOFFICIAL BID COPY

Official bid documents, plan holder's list, and addenda (if applicable) are available on BXWA.com



33325 8th Avenue South
Federal Way, WA 98003-6325
(253) 835-2700
www.federalwaywa.gov



DRAFTED: A. KAZIMI
DESIGNED: J. HUYNH
REVIEWED: C. MULLEN
APPROVED: D. WINKLER



DRAWING VERSION / REVISION LOG		
NO.	DATE	REVISION

S 320TH ST PRESERVATION

DOUBLE-LANE CLOSURE FOR MULTI-LANE ROADWAYS

CITY PROJECT #:
36252
SHT. 27
OF 40

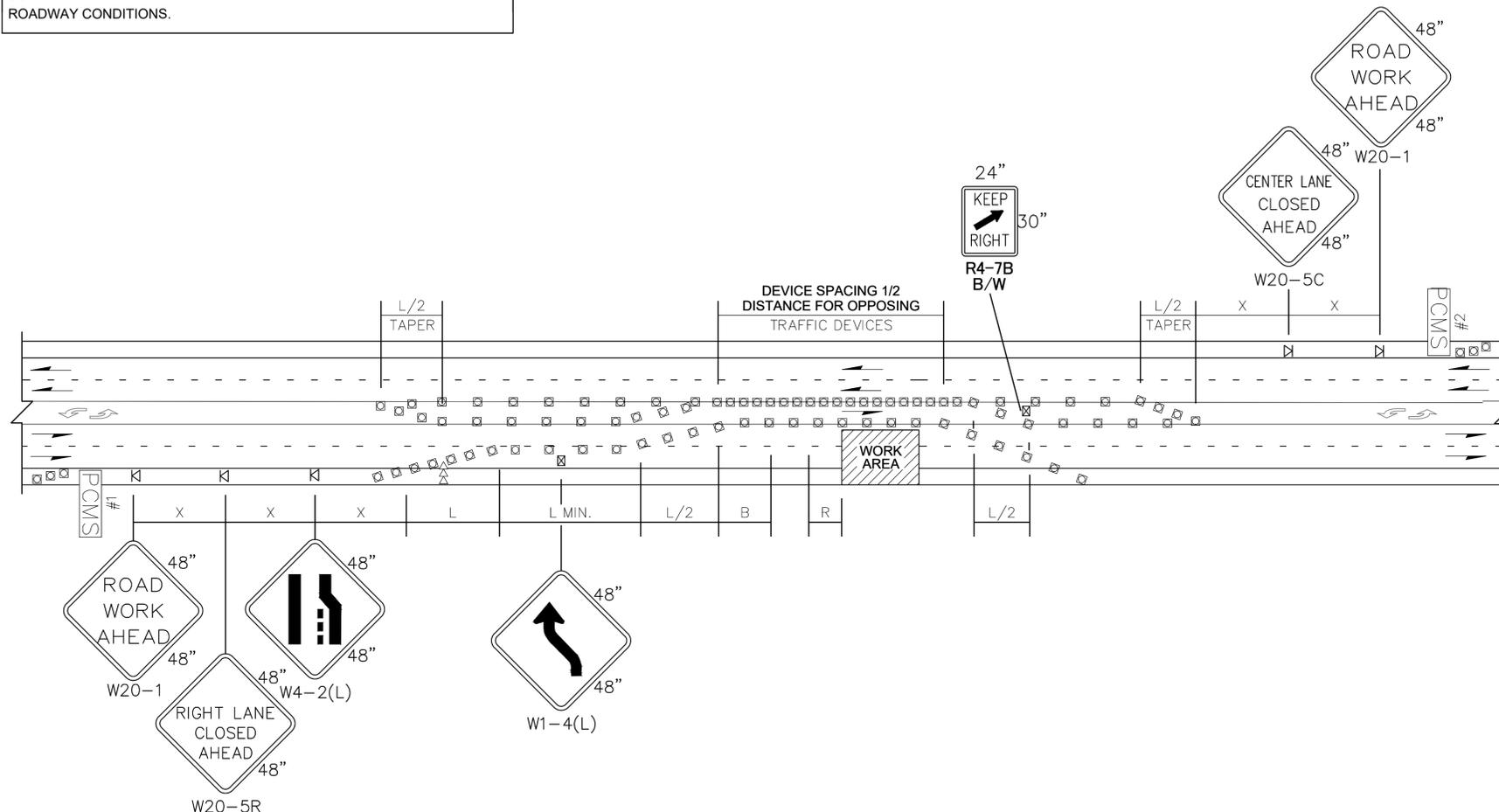
SIGN SPACING = X (1)		
RURAL ROADS	45 / 55 MPH	500' □
RURAL ROADS & URBAN ARTERIALS	35 / 40 MPH	350' □
RURAL ROADS & URBAN ARTERIALS	25 / 30 MPH	200' □ (2)
RESIDENTIAL & BUSINESS DISTRICTS		
URBAN STREETS	25 MPH OR LESS	100' □ (2)

(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMP, 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	50	55	60	65	70	
10	105	150	205	270	450	500	-	-	-	-	
11	115	165	225	295	495	550	-	-	-	-	
12	125	180	245	320	540	600	-	-	-	-	

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

BUFFER DATA										
LONGITUDINAL BUFFER SPACE = B										
SPEED (MPH)	25	30	35	40	45	50	55	60	65	70
LENGTH (feet)	155	200	250	305	360	425	-	-	-	-
BUFFER VEHICLE ROLL AHEAD DISTANCE = R										
TRANSPORTABLE ATTENUATOR MINIMUM HOST VEHICLE WEIGHT 15,000 LBS. THE MAXIMUM WEIGHT SHALL BE IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATION.								30 FEET MIN. TO 100 FEET MAX.		
PROTECTIVE VEHICLE MAY BE A WORK VEHICLE STRATEGICALLY LOCATED TO SHIELD THE WORK AREA.								NO SPECIFIED DISTANCE REQUIRED		



LEGEND

- ⊠ TEMPORARY SIGN LOCATION
- CHANNELIZING DEVICES
- ⇨⇨ SEQUENTIAL ARROW SIGN
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN
- ⊠ TEMPORARY SIGN LOCATION (5' MOUNTING HEIGHT)

RIGHT LANE CLOSURE WITH SHIFT - 5 LANE ROADWAY

NOT TO SCALE

PCMS #1	
1	2
RIGHT LANE CLOSURE	1 MILE AHEAD
2.0 SEC	2.0 SEC

FIELD LOCATE IN ADVANCE OF TEMPORARY SIGNS.

PCMS #2	
1	2
CENTER LANE CLOSED	NNO LEFT TURNING
2.0 SEC	2.0 SEC

FIELD LOCATE IN ADVANCE OF TEMPORARY SIGNS.

NOTES:

- SEE SPECIAL PROVISIONS FOR WORK HOUR RESTRICTIONS.
- RECOMMEND EXTENDING DEVICE TAPER (L/3) ACROSS SHOULDER.
- FOR POSTED SPEED LIMITS OF 30 MPH OR LESS, USE SIGN W1-3 IN LIEU OF SIGN W1-4.
- ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE DESIGNATED.

*****UNOFFICIAL BID COPY*****

Official bid documents, plan holder's list, and addenda (if applicable) are available on BXWA.com



33325 8th Avenue South
Federal Way, WA 98003-6325
(253) 835-2700
www.federalwaywa.gov



DRAFTED: A. KAZIMI
DESIGNED: J. HUYNH
REVIEWED: C. MULLEN
APPROVED: D. WINKLER



DRAWING VERSION / REVISION LOG		
NO.	DATE	REVISION

S 320TH ST PRESERVATION
RIGHT LANE CLOSURE WITH SHIFT - 5 LANE ROADWAY

CITY PROJECT #:
36252
SHT. 28
OF 40

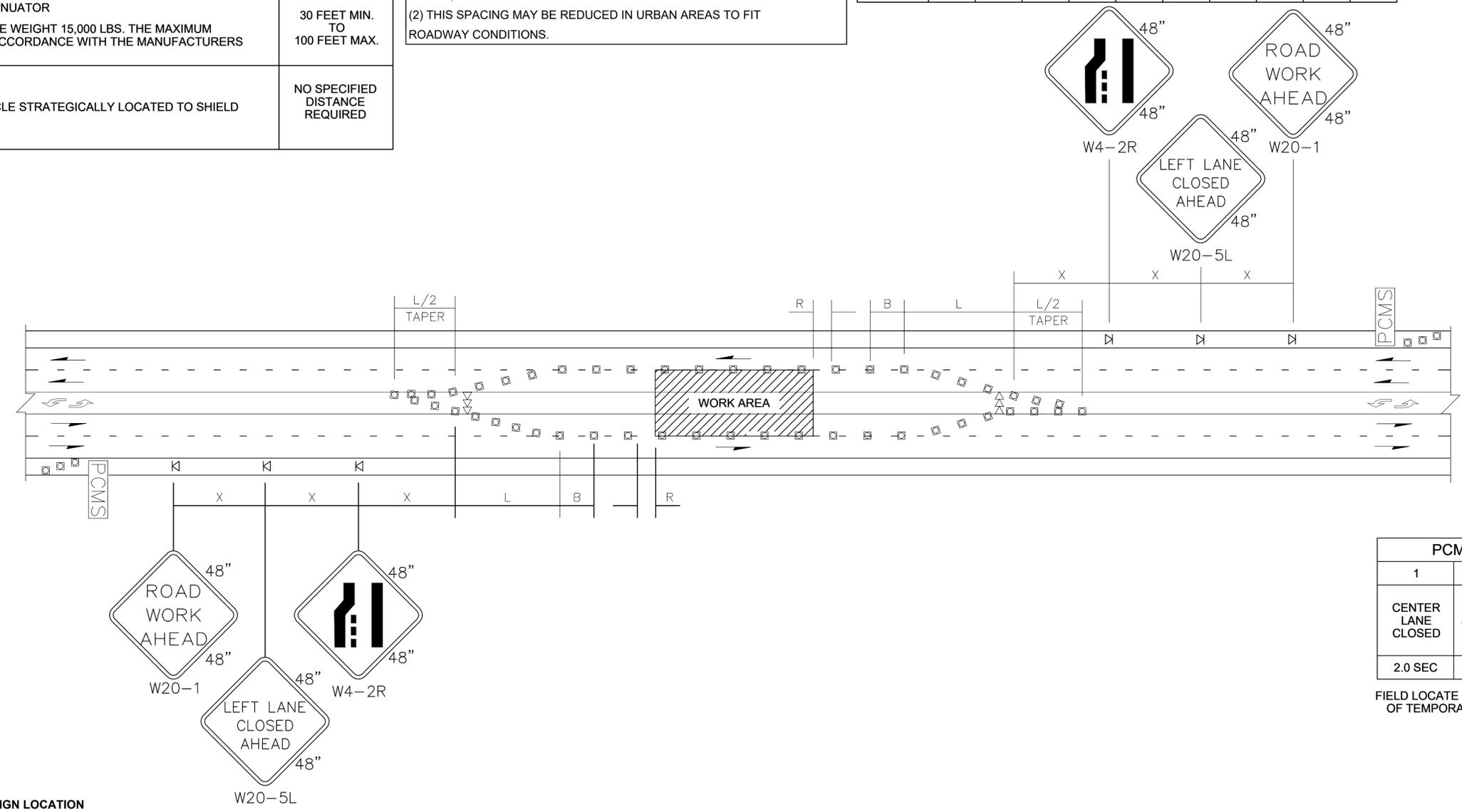
BUFFER DATA										
LONGITUDINAL BUFFER SPACE = B										
SPEED (MPH)	25	30	35	40	45	50	55	60	65	70
LENGTH (feet)	155	200	250	305	360	425	-	-	-	-
BUFFER VEHICLE ROLL AHEAD DISTANCE = R										
TRANSPORTABLE ATTENUATOR MINIMUM HOST VEHICLE WEIGHT 15,000 LBS. THE MAXIMUM WEIGHT SHALL BE IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATION.								30 FEET MIN. TO 100 FEET MAX.		
PROTECTIVE VEHICLE MAY BE A WORK VEHICLE STRATEGICALLY LOCATED TO SHIELD THE WORK AREA.								NO SPECIFIED DISTANCE REQUIRED		

SIGN SPACING = X (1)		
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.

LANE WIDTH (feet)	MINIMUM TAPER LENGTH = L (feet)									
	Posted Speed (mph)									
	25	30	35	40	45	50	55	60	65	70
10	105	150	205	270	450	500	-	-	-	-
11	115	165	225	295	495	550	-	-	-	-
12	125	180	245	320	540	600	-	-	-	-

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



PCMS	
1	2
CENTER LANE CLOSED	NNO LEFT TURNING
2.0 SEC	2.0 SEC

FIELD LOCATE IN ADVANCE OF TEMPORARY SIGNS.

- LEGEND**
- TEMPORARY SIGN LOCATION
 - ▣ CHANNELIZING DEVICES
 - ⇨⇨ SEQUENTIAL ARROW SIGN
 - PCMS PORTABLE CHANGEABLE MESSAGE SIGN

LEFT LANE AND CENTER TURN LANE CLOSURE - 5 LANE ROADWAY

NOT TO SCALE

- NOTES**
- SEE SPECIAL PROVISIONS FOR WORK HOUR RESTRICTIONS.
 - ALL SIGNS ARE BLACK ON ORANGE.

*****UNOFFICIAL BID COPY***** Official bid documents, plan holder's list, and addenda (if applicable) are available on BXWA.com

CITY OF Federal Way
Centered on Opportunity

33325 8th Avenue South
Federal Way, WA 98003-6325

(253) 835-2700
www.federalwaywa.gov

811
Know what's below. Call 811 before you dig.

DRAFTED: A. KAZIMI
DESIGNED: J. HUYNH
REVIEWED: C. MULLEN
APPROVED: D. WINKLER

CHRISTINE J. MULLEN
REGISTERED PROFESSIONAL ENGINEER
20 Feb 26

DRAWING VERSION / REVISION LOG		
NO.	DATE	REVISION

S 320TH ST PRESERVATION

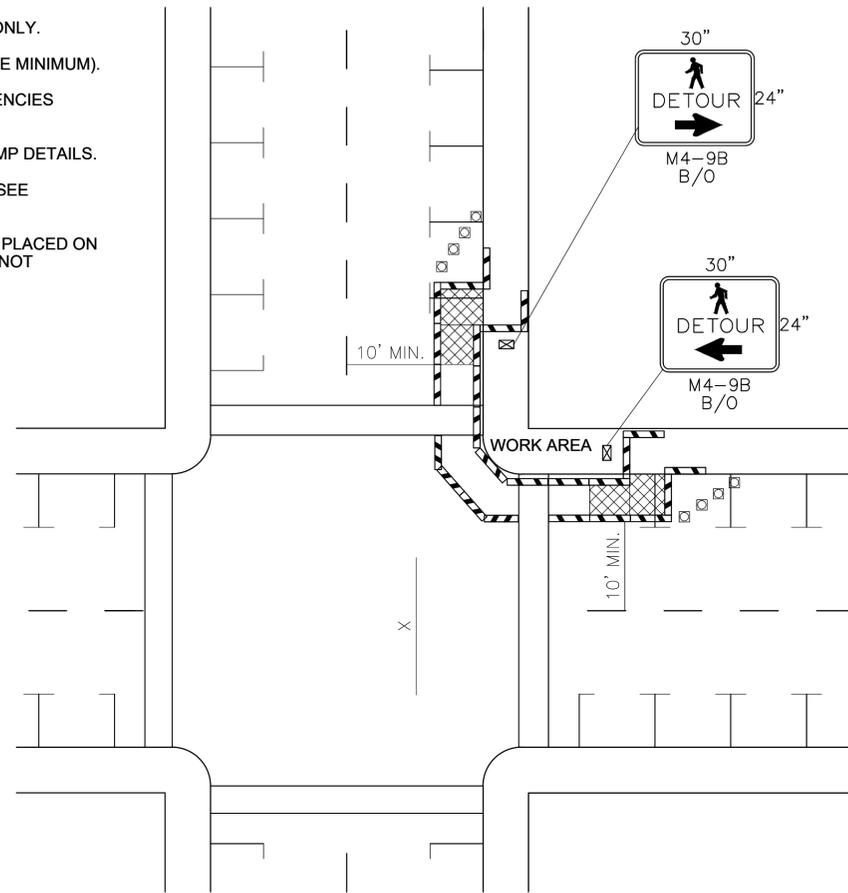
LEFT LANE AND CENTER TURN LANE CLOSURE - 5 LANE

CITY PROJECT #: 36252
SHT. 29
OF 40

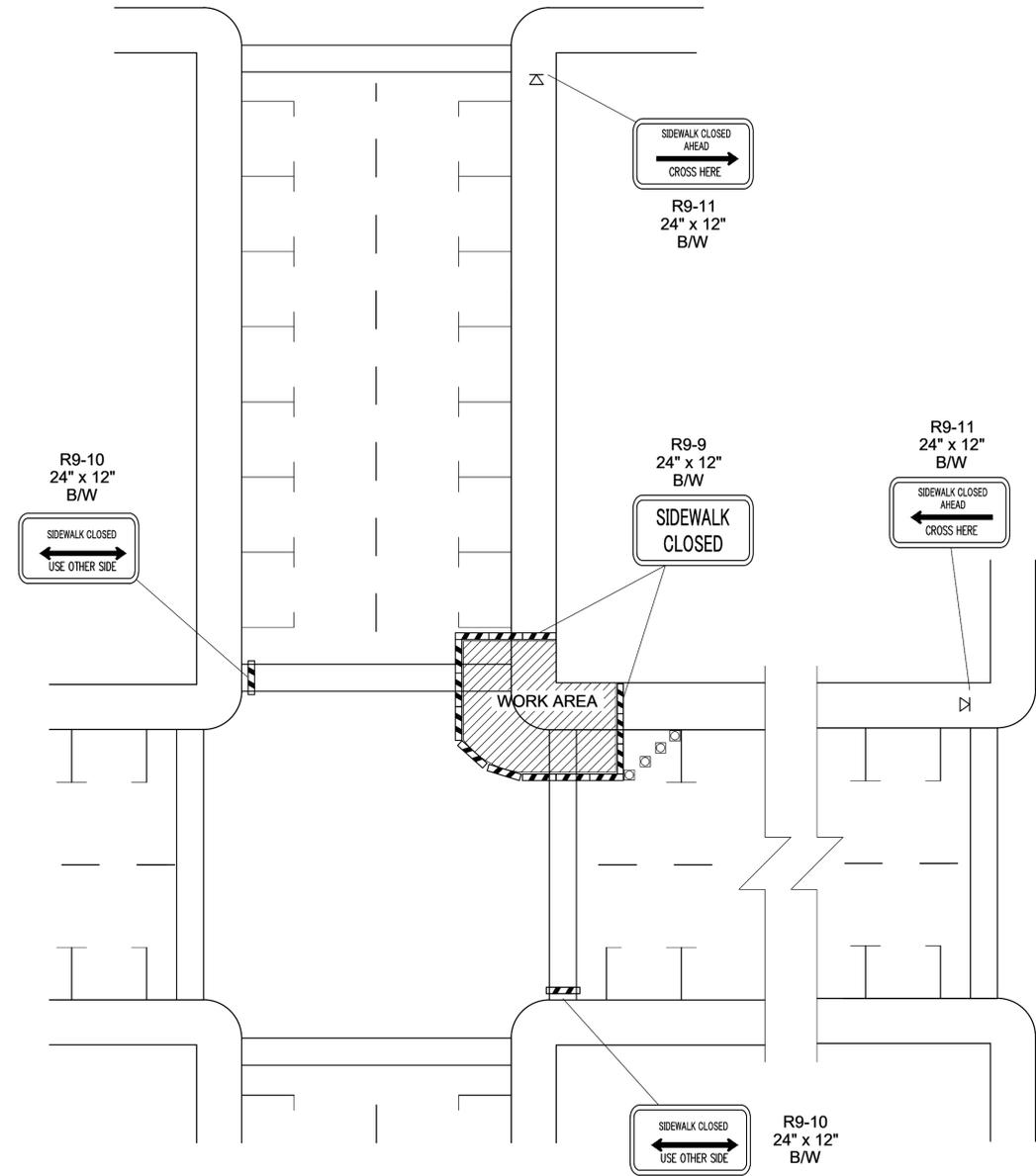
NO PARKING R8-3 24" x 30" R/W
 INSTALL ON TYPE 2 BARRICADES THROUGHOUT THE WORK AREA 24 HOURS PRIOR TO IMPLEMENTING TRAFFIC CONTROL. PRIOR NOTIFICATION OF LOCAL LAW ENFORCEMENT REQUIRED.

NOTES

1. CONTROLS SHOWN ARE FOR PEDESTRIAN TRAFFIC ONLY.
2. A 60" PATH WIDTH SHOULD BE MAINTAINED (48" IS THE MINIMUM).
3. CONTACT AND COORDINATE IMPACTED TRANSIT AGENCIES PRIOR TO IMPLEMENTING ANY CLOSURES.
4. SEE SHEET TC-52 FOR TEMPORARY PEDESTRIAN RAMP DETAILS.
5. ADA PEDESTRIAN FACILITIES MUST BE MAINTAINED. SEE STANDARD SPECIFICATION 1-10.2(1)B.
6. TEMPORARY PEDESTRIAN PUSH BUTTONS SHALL BE PLACED ON THE DIVERTED PATH WHEN EXISTING BUTTONS ARE NOT ACCESSIBLE TO PEDESTRIANS.



SIDEWALK DIVERSION



SIDEWALK DETOUR

INTERSECTION PEDESTRIAN TRAFFIC CONTROL

NOT TO SCALE

LEGEND

- ⊠ TEMPORARY SIGN LOCATION
- ⊠ CHANNELIZING DEVICES
- ▨ PEDESTRIAN CHANNELIZING DEVICES
- TEMPORARY PEDESTRIAN RAMP FOR SIDEWALKS

*****UNOFFICIAL BID COPY***** Official bid documents, plan holder's list, and addenda (if applicable) are available on BXWA.com



33325 8th Avenue South
 Federal Way, WA 98003-6325
 (253) 835-2700
 www.federalwaywa.gov



DRAFTED: A. KAZIMI
 DESIGNED: J. HUYNH
 REVIEWED: C. MULLEN
 APPROVED: D. WINKLER



DRAWING VERSION / REVISION LOG		
NO.	DATE	REVISION

S 320TH ST PRESERVATION
INTERSECTION PEDESTRIAN TRAFFIC CONTROL

CITY PROJECT #:
 36252
 SHT. 30
 OF 40

MINIMUM LANE CLOSURE TAPER LENGTH = L (feet)										
LANE WIDTH (feet)	Posted Speed (mph)									
	25	30	35	40	45	50	55	60	65	70
10	105	150	205	270	450	500	550	-	-	-
11	115	165	225	295	495	550	605	660	-	-
12	125	180	245	320	540	600	660	720	780	840

MINIMUM SHOULDER TAPER LENGTH = L/3 (feet)										
SHOULDER WIDTH (feet)	Posted Speed (mph)									
	25	30	35	40	45	50	55	60	65	70
8'	40	40	60	90	120	130	150	160	170	190
10'	40	60	90	90	150	170	190	200	220	240

USE A MINIMUM 3 DEVICES TAPER FOR SHOULDER LESS THEN 8'.

SIGN SPACING = X (1)		
FREeways & EXPRESSWAYS	55 / 70 MPH	1500' □
RURAL HIGHWAYS	60 / 65 MPH	800' □
RURAL ROADS	45 / 55 MPH	500' □
RURAL ROADS & URBAN ARTERIALS	35 / 40 MPH	350' □
RURAL ROADS & URBAN ARTERIALS	25 / 30 MPH	200' □ (2)
RESIDENTIAL & BUSINESS DISTRICTS		
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.

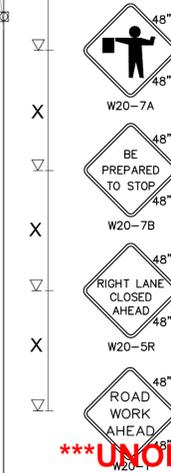
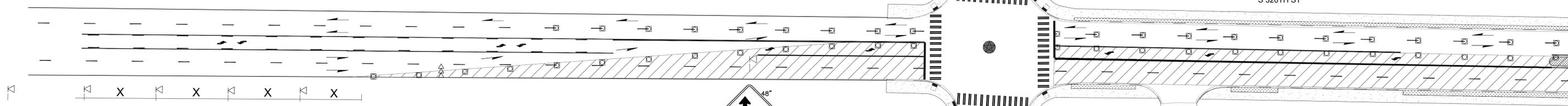
CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/70	40	80
35/45	30	60
25/30	20	40

BUFFER DATA										
LONGITUDINAL BUFFER SPACE = B										
LENGTH (feet)	25	30	35	40	45	50	55	60	65	70
		155	200	250	305	360	425	495	570	645

BUFFER VEHICLE ROLL AHEAD DISTANCE = R

TRANSPORTABLE ATTENUATOR
MINIMUM HOST VEHICLE WEIGHT 15,000 LBS. THE MAXIMUM WEIGHT SHALL BE IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATION.

30 FEET MIN. TO 100 FEET MAX.



- LEGEND**
- TEMPORARY SIGN LOCATION
 - TRAFFIC SAFETY CONE
 - ⇌ SEQUENTIAL ARROW SIGN
 - PCMS PORTABLE CHANGEABLE MESSAGE SIGN
 - UNIFORMED POLICE OFFICER

- NOTES:**
- SEE SPECIAL PROVISIONS FOR WORK HOUR RESTRICTIONS.
 - EXTEND DEVICE TAPER AT L/3 ACROSS SHOULDER.
 - DEVICES SHALL NOT ENCRoACH INTO THE ADJACENT LANE.
 - USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000' (FT) (RECOMMENDED).
 - DEVICE SPACING FOR THE DOWNSTREAM TAPER SHALL BE 20' (FT).
 - ALL SIGNS ARE BLACK ON ORANGE.

PCMS	
1	2
RIGHT LANE CLOSURE	1 MILE AHEAD
2.0 SEC	2.0 SEC

FIELD LOCATE 1 MILE □ IN ADVANCE OF LANE CLOSURE SIGNING.

UNOFFICIAL BID COPY Official bid documents, plan holder's list, and addenda (if applicable) are available on BXWA.com

CITY OF Federal Way
Centered on Opportunity

33325 8th Avenue South
Federal Way, WA 98003-6325

(253) 835-2700
www.federalwaywa.gov

811
Know what's below.
Call 811 before you dig.

DRAFTED: A. KAZIMI
DESIGNED: J. HUYNH
REVIEWED: C. MULLEN
APPROVED: D. WINKLER

CHRISTINE J. MULLEN
PROFESSIONAL ENGINEER
20 Feb-26

DRAWING VERSION / REVISION LOG		
NO.	DATE	REVISION

S 320TH ST PRESERVATION

TRAFFIC CONTROL PLAN
PHASE 1

CITY PROJECT #: 36252
SHT. 31
OF 40

MINIMUM LANE CLOSURE TAPER LENGTH = L (feet)										
LANE WIDTH (feet)	Posted Speed (mph)									
	25	30	35	40	45	50	55	60	65	70
10	105	150	205	270	450	500	550	-	-	-
11	115	165	225	295	495	550	605	-	-	-
12	125	180	245	320	540	600	660	720	780	840

MINIMUM SHOULDER TAPER LENGTH = L/3 (feet)										
SHOULDER WIDTH (feet)	Posted Speed (mph)									
	25	30	35	40	45	50	55	60	65	70
8'	40	40	60	90	120	130	150	160	170	190
10'	40	60	90	90	150	170	190	200	220	240

USE A MINIMUM 3 DEVICES TAPER FOR SHOULDER LESS THEN 8'.

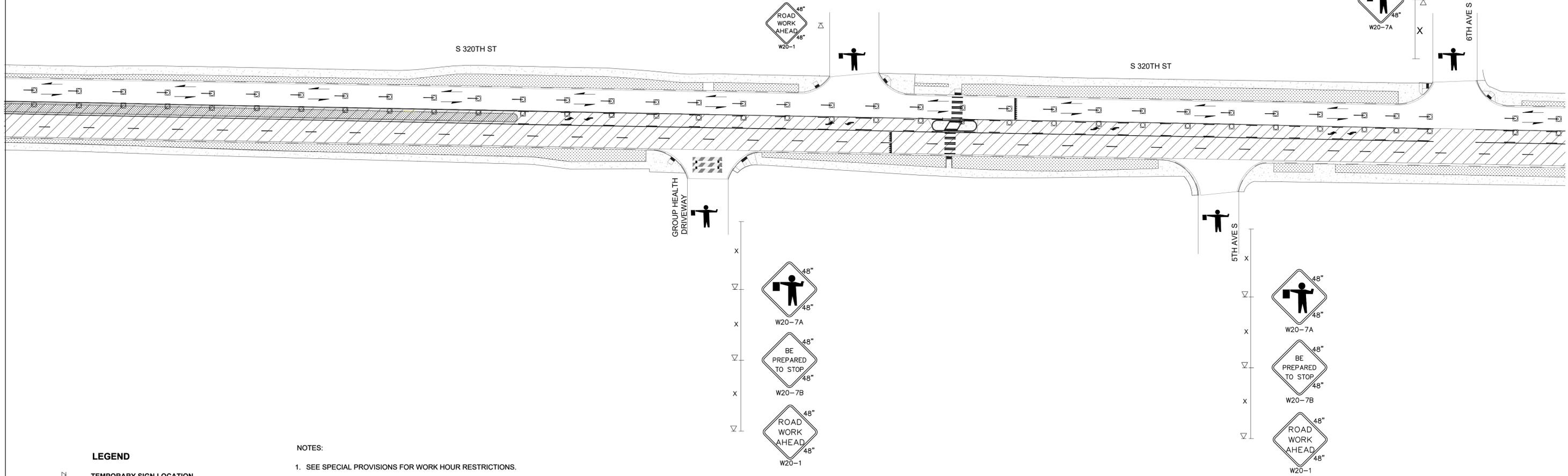
SIGN SPACING = X (1)		
FREEWAYS & EXPRESSWAYS	55 / 70 MPH	1500' □
RURAL HIGHWAYS	60 / 65 MPH	800' □
RURAL ROADS	45 / 55 MPH	500' □
RURAL ROADS & URBAN ARTERIALS	35 / 40 MPH	350' □
RURAL ROADS & URBAN ARTERIALS	25 / 30 MPH	200' □ (2)
RESIDENTIAL & BUSINESS DISTRICTS		
URBAN STREETS	25 MPH OR LESS	100' □ (2)

(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMP, AT-GRADE INTERSECTIONS AND DRIVEWAYS.
(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/70	40	80
35/45	30	60
25/30	20	40

BUFFER DATA										
LONGITUDINAL BUFFER SPACE = B										
LENGTH (feet)	25	30	35	40	45	50	55	60	65	70
		155	200	250	305	360	425	495	570	645

BUFFER VEHICLE ROLL AHEAD DISTANCE = R	
TRANSPORTABLE ATTENUATOR	30 FEET MIN. TO 100 FEET MAX.
MINIMUM HOST VEHICLE WEIGHT 15,000 LBS. THE MAXIMUM WEIGHT SHALL BE IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATION.	



- LEGEND**
- ▽ TEMPORARY SIGN LOCATION
 - TRAFFIC SAFETY CONE
 - ⇌ SEQUENTIAL ARROW SIGN
 - PCMS PORTABLE CHANGEABLE MESSAGE SIGN
 - UNIFORMED POLICE OFFICER

- NOTES:**
- SEE SPECIAL PROVISIONS FOR WORK HOUR RESTRICTIONS.
 - EXTEND DEVICE TAPER AT L/3 ACROSS SHOULDER.
 - DEVICES SHALL NOT ENCROACH INTO THE ADJACENT LANE.
 - USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000' (FT) (RECOMMENDED).
 - DEVICE SPACING FOR THE DOWNSTREAM TAPER SHALL BE 20' (FT).
 - ALL SIGNS ARE BLACK ON ORANGE.

*****UNOFFICIAL BID COPY***** Official bid documents, plan holder's list, and addenda (if applicable) are available on BXWA.com

CITY OF Federal Way
Centered on Opportunity
33325 8th Avenue South
Federal Way, WA 98003-6325
(253) 835-2700
www.federalwaywa.gov

811
Know what's below.
Call 811 before you dig.

DRAFTED: A. KAZIMI
DESIGNED: J. HUYNH
REVIEWED: C. MULLEN
APPROVED: D. WINKLER

CHRISTINE J. MULLEN
PROFESSIONAL ENGINEER
20 Feb 26

DRAWING VERSION / REVISION LOG		
NO.	DATE	REVISION

S 320TH ST PRESERVATION
TRAFFIC CONTROL PLAN
PHASE 1

CITY PROJECT #: 36252
SHT. 32
OF 40

MINIMUM LANE CLOSURE TAPER LENGTH = L (feet)										
LANE WIDTH (feet)	Posted Speed (mph)									
	25	30	35	40	45	50	55	60	65	70
10	105	150	205	270	450	500	550	-	-	-
11	115	165	225	295	495	550	605	660	-	-
12	125	180	245	320	540	600	660	720	780	840

MINIMUM SHOULDER TAPER LENGTH = L/3 (feet)										
SHOULDER WIDTH (feet)	Posted Speed (mph)									
	25	30	35	40	45	50	55	60	65	70
8'	40	40	60	90	120	130	150	160	170	190
10'	40	60	90	90	150	170	190	200	220	240

USE A MINIMUM 3 DEVICES TAPER FOR SHOULDER LESS THEN 8'.

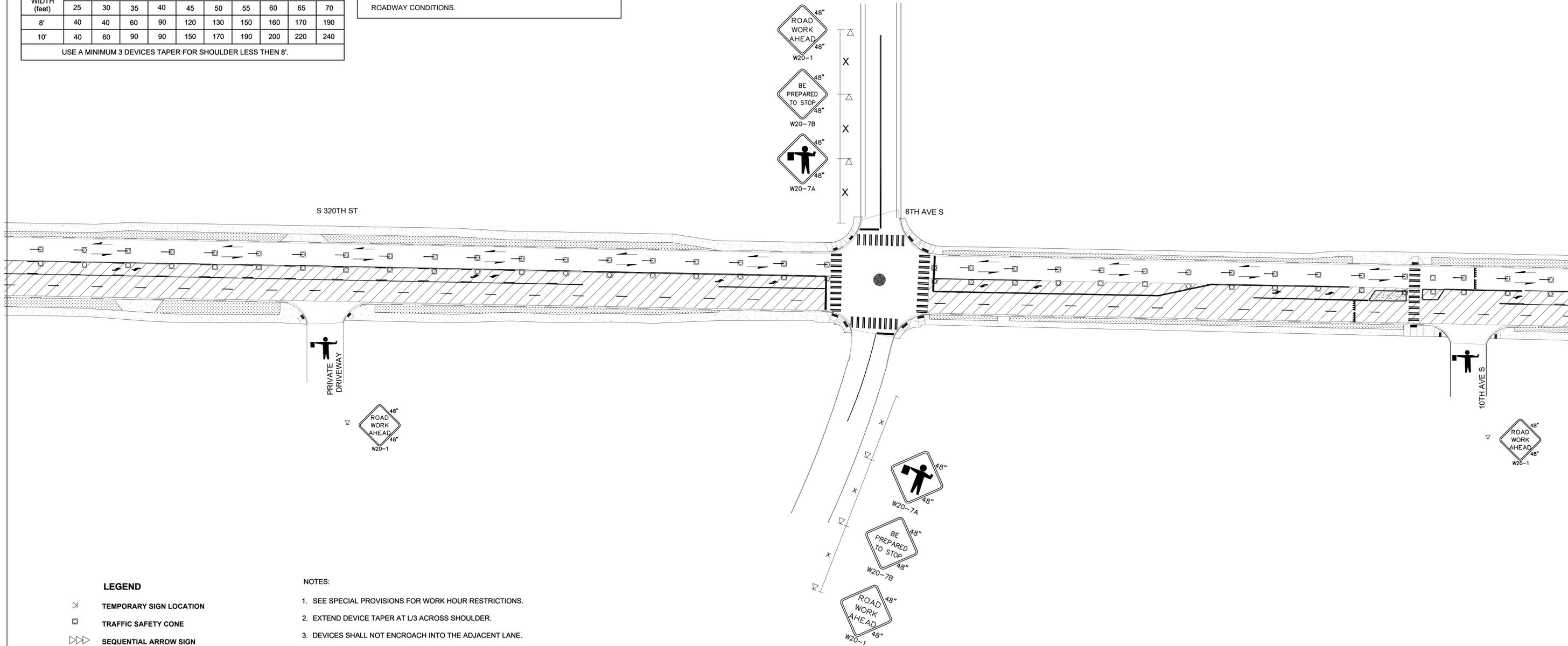
SIGN SPACING = X (1)		
FREEWAYS & EXPRESSWAYS	55 / 70 MPH	1500' □
RURAL HIGHWAYS	60 / 65 MPH	800' □
RURAL ROADS	45 / 55 MPH	500' □
RURAL ROADS & URBAN ARTERIALS	35 / 40 MPH	350' □
RURAL ROADS & URBAN ARTERIALS	25 / 30 MPH	200' □ (2)
RESIDENTIAL & BUSINESS DISTRICTS		
URBAN STREETS	25 MPH OR LESS	100' □ (2)

(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMP, AT-GRADE INTERSECTIONS AND DRIVEWAYS.
(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/70	40	80
35/45	30	60
25/30	20	40

BUFFER DATA										
LONGITUDINAL BUFFER SPACE = B										
LENGTH (feet)	25	30	35	40	45	50	55	60	65	70
		155	200	250	305	360	425	495	570	645

BUFFER VEHICLE ROLL AHEAD DISTANCE = R	
TRANSPORTABLE ATTENUATOR	30 FEET MIN. TO 100 FEET MAX.
MINIMUM HOST VEHICLE WEIGHT 15,000 LBS. THE MAXIMUM WEIGHT SHALL BE IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATION.	



- LEGEND**
- ⊗ TEMPORARY SIGN LOCATION
 - TRAFFIC SAFETY CONE
 - ⇨⇨ SEQUENTIAL ARROW SIGN
 - PCMS PORTABLE CHANGEABLE MESSAGE SIGN
 - UNIFORMED POLICE OFFICER

- NOTES:**
1. SEE SPECIAL PROVISIONS FOR WORK HOUR RESTRICTIONS.
 2. EXTEND DEVICE TAPER AT L/3 ACROSS SHOULDER.
 3. DEVICES SHALL NOT ENCRACH INTO THE ADJACENT LANE.
 4. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000' (FT) (RECOMMENDED).
 5. DEVICE SPACING FOR THE DOWNSTREAM TAPER SHALL BE 20' (FT).
 6. ALL SIGNS ARE BLACK ON ORANGE.

*****UNOFFICIAL BID COPY***** Official bid documents, plan holder's list, and addenda (if applicable) are available on BXWA.com

CITY OF Federal Way
Centered on Opportunity
33325 8th Avenue South (253) 835-2700
Federal Way, WA 98003-6325 www.federalwaywa.gov

811
Know what's below.
Call 811 before you dig.

DRAFTED: A. KAZIMI
DESIGNED: J. HUYNH
REVIEWED: C. MULLEN
APPROVED: D. WINKLER

CHRISTINE J. MULLEN
PROFESSIONAL ENGINEER
20 Feb 26

DRAWING VERSION / REVISION LOG		
NO.	DATE	REVISION

S 320TH ST PRESERVATION
TRAFFIC CONTROL PLAN
PHASE 1

CITY PROJECT #: 36252
SHT. 33
OF 40

MINIMUM LANE CLOSURE TAPER LENGTH = L (feet)										
LANE WIDTH (feet)	Posted Speed (mph)									
	25	30	35	40	45	50	55	60	65	70
10	105	150	205	270	450	500	550	-	-	-
11	115	165	225	295	495	550	605	660	-	-
12	125	180	245	320	540	600	660	720	780	840

MINIMUM SHOULDER TAPER LENGTH = L/3 (feet)										
SHOULDER WIDTH (feet)	Posted Speed (mph)									
	25	30	35	40	45	50	55	60	65	70
8'	40	40	60	90	120	130	150	160	170	190
10'	40	60	90	90	150	170	190	200	220	240

USE A MINIMUM 3 DEVICES TAPER FOR SHOULDER LESS THEN 8'.

SIGN SPACING = X (1)			
FREEWAYS & EXPRESSWAYS	55 / 70 MPH	1500'	□
RURAL HIGHWAYS	60 / 65 MPH	800'	□
RURAL ROADS	45 / 55 MPH	500'	□
RURAL ROADS & URBAN ARTERIALS	35 / 40 MPH	350'	□
RURAL ROADS & URBAN ARTERIALS	25 / 30 MPH	200'	□ (2)
RESIDENTIAL & BUSINESS DISTRICTS			
URBAN STREETS	25 MPH OR LESS	100'	□ (2)

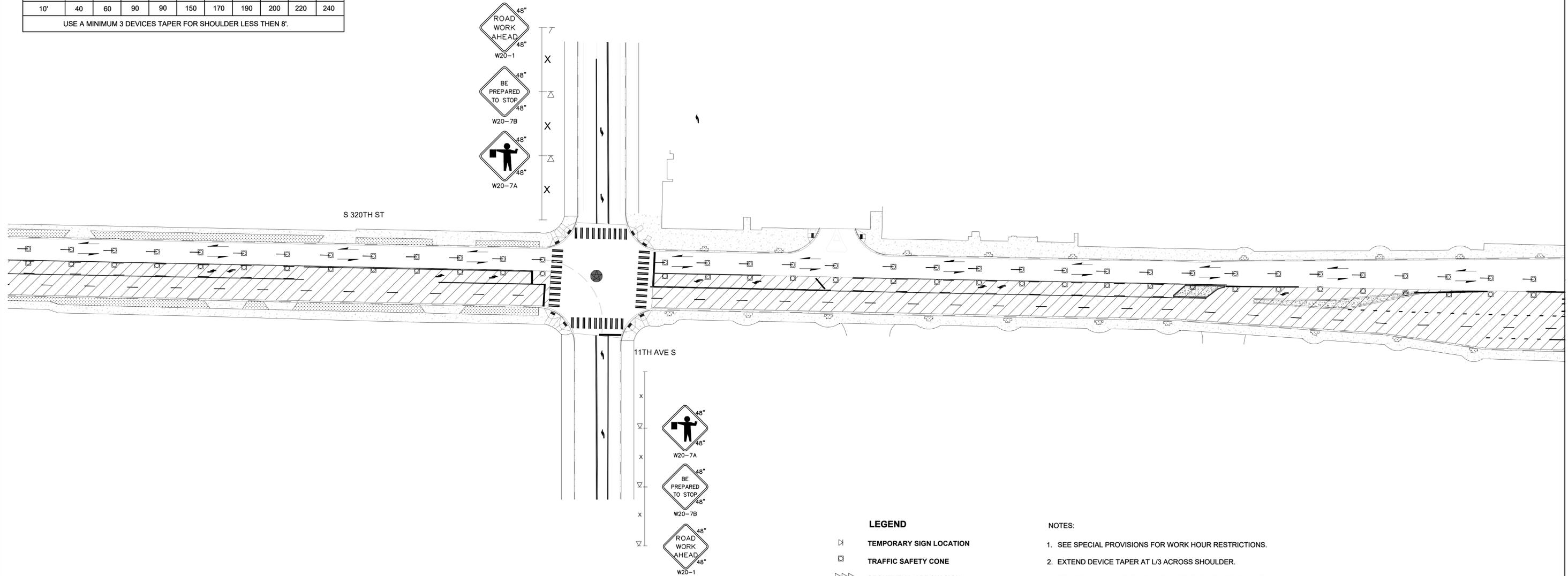
(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT-GRADE INTERSECTIONS AND DRIVEWAYS.
(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/70	40	80
35/45	30	60
25/30	20	40

BUFFER DATA										
LONGITUDINAL BUFFER SPACE = B										
LENGTH (feet)	25	30	35	40	45	50	55	60	65	70
		155	200	250	305	360	425	495	570	645

BUFFER VEHICLE ROLL AHEAD DISTANCE = R

TRANSPORTABLE ATTENUATOR	30 FEET MIN. TO 100 FEET MAX.
MINIMUM HOST VEHICLE WEIGHT 15,000 LBS. THE MAXIMUM WEIGHT SHALL BE IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATION.	



- LEGEND**
- ⊗ TEMPORARY SIGN LOCATION
 - TRAFFIC SAFETY CONE
 - ⇌ SEQUENTIAL ARROW SIGN
 - PCMS PORTABLE CHANGEABLE MESSAGE SIGN
 - UNIFORMED POLICE OFFICER

- NOTES:**
1. SEE SPECIAL PROVISIONS FOR WORK HOUR RESTRICTIONS.
 2. EXTEND DEVICE TAPER AT L/3 ACROSS SHOULDER.
 3. DEVICES SHALL NOT ENCR OACH INTO THE ADJACENT LANE.
 4. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000' (FT) (RECOMMENDED).
 5. DEVICE SPACING FOR THE DOWNSTREAM TAPER SHALL BE 20' (FT).
 6. ALL SIGNS ARE BLACK ON ORANGE.

*****UNOFFICIAL BID COPY***** Official bid documents, plan holder's list, and addenda (if applicable) are available on BXWA.com

CITY OF Federal Way
Centered on Opportunity

33325 8th Avenue South
Federal Way, WA 98003-6325

(253) 835-2700
www.federalwaywa.gov

811
Know what's below.
Call 811 before you dig.

DRAFTED: A. KAZIMI
DESIGNED: J. HUYNH
REVIEWED: C. MULLEN
APPROVED: D. WINKLER

CHRISTINE J. MULLEN
PROFESSIONAL ENGINEER
20 Feb 26

DRAWING VERSION / REVISION LOG		
NO.	DATE	REVISION

S 320TH ST PRESERVATION

TRAFFIC CONTROL PLAN
PHASE 1

CITY PROJECT #: 36252
SHT. 34
OF 40

MINIMUM LANE CLOSURE TAPER LENGTH = L (feet)										
LANE WIDTH (feet)	Posted Speed (mph)									
	25	30	35	40	45	50	55	60	65	70
10	105	150	205	270	450	500	550	-	-	-
11	115	165	225	295	495	550	605	660	-	-
12	125	180	245	320	540	600	660	720	780	840

MINIMUM SHOULDER TAPER LENGTH = L/3 (feet)										
SHOULDER WIDTH (feet)	Posted Speed (mph)									
	25	30	35	40	45	50	55	60	65	70
8'	40	40	60	90	120	130	150	160	170	190
10'	40	60	90	90	150	170	190	200	220	240

USE A MINIMUM 3 DEVICES TAPER FOR SHOULDER LESS THEN 8'.

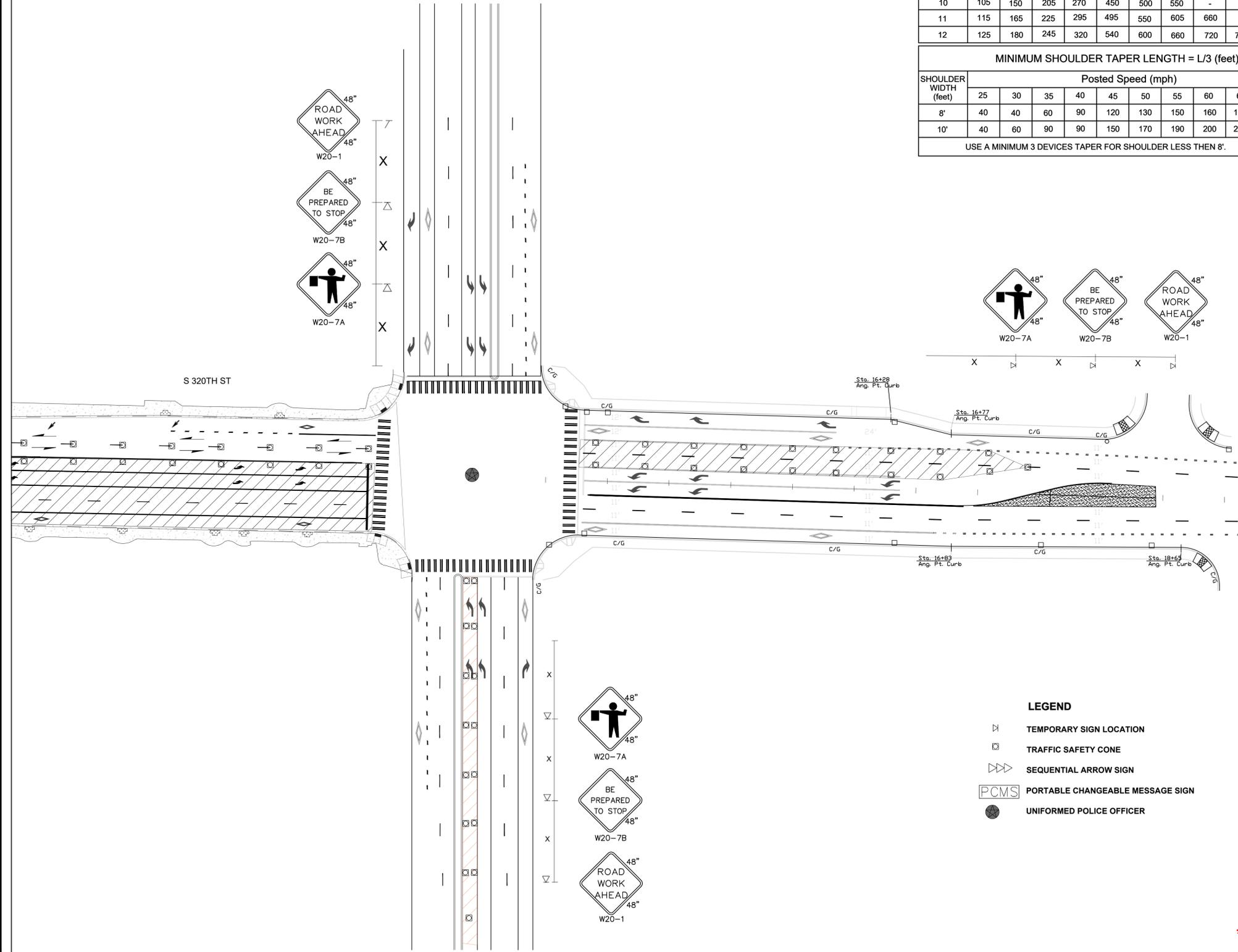
SIGN SPACING = X (1)		
FREEWAYS & EXPRESSWAYS	55 / 70 MPH	1500' □
RURAL HIGHWAYS	60 / 65 MPH	800' □
RURAL ROADS	45 / 55 MPH	500' □
RURAL ROADS & URBAN ARTERIALS	35 / 40 MPH	350' □
RURAL ROADS & URBAN ARTERIALS	25 / 30 MPH	200' □ (2)
RESIDENTIAL & BUSINESS DISTRICTS		
URBAN STREETS	25 MPH OR LESS	100' □ (2)

(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMP, AT-GRADE INTERSECTIONS AND DRIVEWAYS.
(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/70	40	80
35/45	30	60
25/30	20	40

BUFFER DATA										
LONGITUDINAL BUFFER SPACE = B										
LENGTH (feet)	25	30	35	40	45	50	55	60	65	70
	155	200	250	305	360	425	495	570	645	730

BUFFER VEHICLE ROLL AHEAD DISTANCE = R	
TRANSPORTABLE ATTENUATOR	30 FEET MIN. TO 100 FEET MAX.
MINIMUM HOST VEHICLE WEIGHT 15,000 LBS. THE MAXIMUM WEIGHT SHALL BE IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATION.	



- LEGEND**
- ⊗ TEMPORARY SIGN LOCATION
 - TRAFFIC SAFETY CONE
 - ⇌ SEQUENTIAL ARROW SIGN
 - PCMS PORTABLE CHANGEABLE MESSAGE SIGN
 - UNIFORMED POLICE OFFICER

- NOTES:**
- SEE SPECIAL PROVISIONS FOR WORK HOUR RESTRICTIONS.
 - EXTEND DEVICE TAPER AT L/3 ACROSS SHOULDER.
 - DEVICES SHALL NOT ENCOACH INTO THE ADJACENT LANE.
 - USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000' (FT) (RECOMMENDED).
 - DEVICE SPACING FOR THE DOWNSTREAM TAPER SHALL BE 20' (FT).
 - ALL SIGNS ARE BLACK ON ORANGE.

PCMS	
1	2
RIGHT LANE CLOSURE	1 MILE AHEAD
2.0 SEC	2.0 SEC

FIELD LOCATE 1 MILE □ IN ADVANCE OF LANE CLOSURE SIGNING.

*****UNOFFICIAL BID COPY***** Official bid documents, plan holder's list, and addenda (if applicable) are available on BXWA.com

CITY OF Federal Way
Centered on Opportunity
33325 8th Avenue South
Federal Way, WA 98003-6325
(253) 835-2700
www.federalwaywa.gov

811
Know what's below.
Call 811 before you dig.

DRAFTED: A. KAZIMI
DESIGNED: J. HUYNH
REVIEWED: C. MULLEN
APPROVED: D. WINKLER

CHRISTINE J. MULLEN
PROFESSIONAL ENGINEER
20 Feb-26

DRAWING VERSION / REVISION LOG		
NO.	DATE	REVISION

S 320TH ST PRESERVATION
TRAFFIC CONTROL PLAN
PHASE 1

CITY PROJECT #:	36252
SHT.	35
OF	40

MINIMUM LANE CLOSURE TAPER LENGTH = L (feet)										
LANE WIDTH (feet)	Posted Speed (mph)									
	25	30	35	40	45	50	55	60	65	70
10	105	150	205	270	450	500	550	-	-	-
11	115	165	225	295	495	550	605	660	-	-
12	125	180	245	320	540	600	660	720	780	840

MINIMUM SHOULDER TAPER LENGTH = L/3 (feet)										
SHOULDER WIDTH (feet)	Posted Speed (mph)									
	25	30	35	40	45	50	55	60	65	70
8'	40	40	60	90	120	130	150	160	170	190
10'	40	60	90	90	150	170	190	200	220	240

USE A MINIMUM 3 DEVICES TAPER FOR SHOULDER LESS THEN 8'.

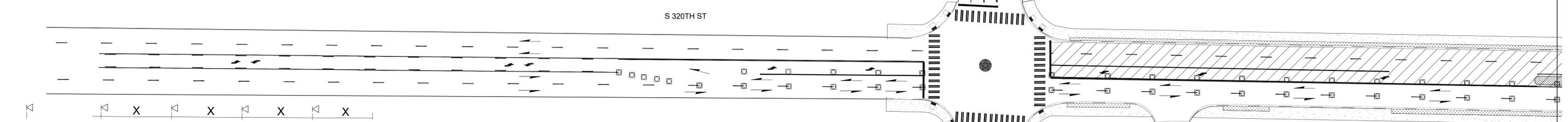
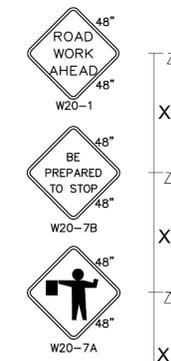
SIGN SPACING = X (1)		
FREeways & EXPRESSWAYS	55 / 70 MPH	1500' □
RURAL HIGHWAYS	60 / 65 MPH	800' □
RURAL ROADS	45 / 55 MPH	500' □
RURAL ROADS & URBAN ARTERIALS	35 / 40 MPH	350' □
RURAL ROADS & URBAN ARTERIALS	25 / 30 MPH	200' □ (2)
RESIDENTIAL & BUSINESS DISTRICTS		
URBAN STREETS	25 MPH OR LESS	100' □ (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.

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/70	40	80
35/45	30	60
25/30	20	40

BUFFER DATA										
LONGITUDINAL BUFFER SPACE = B										
LENGTH (feet)	25	30	35	40	45	50	55	60	65	70
		155	200	250	305	360	425	495	570	645

BUFFER VEHICLE ROLL AHEAD DISTANCE = R	
TRANSPORTABLE ATTENUATOR	30 FEET MIN. TO 100 FEET MAX.
MINIMUM HOST VEHICLE WEIGHT 15,000 LBS. THE MAXIMUM WEIGHT SHALL BE IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATION.	



- LEGEND**
- △ TEMPORARY SIGN LOCATION
 - TRAFFIC SAFETY CONE
 - ⇨⇨ SEQUENTIAL ARROW SIGN
 - PCMS PORTABLE CHANGEABLE MESSAGE SIGN
 - UNIFORMED POLICE OFFICER

- NOTES:**
- SEE SPECIAL PROVISIONS FOR WORK HOUR RESTRICTIONS.
 - EXTEND DEVICE TAPER AT L/3 ACROSS SHOULDER.
 - DEVICES SHALL NOT ENCROACH INTO THE ADJACENT LANE.
 - USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000' (FT) (RECOMMENDED).
 - DEVICE SPACING FOR THE DOWNSTREAM TAPER SHALL BE 20' (FT).
 - ALL SIGNS ARE BLACK ON ORANGE.

PCMS	
1	2
RIGHT LANE CLOSURE	1 MILE AHEAD
2.0 SEC	2.0 SEC

FIELD LOCATE 1 MILE □ IN ADVANCE OF LANE CLOSURE SIGNING.

*****UNOFFICIAL BID COPY***** Official bid documents, plan holder's list, and addenda (if applicable) are available on BXWA.com

DRAFTED: A. KAZIMI
DESIGNED: J. HUYNH
REVIEWED: C. MULLEN
APPROVED: D. WINKLER

20 Feb-26

DRAWING VERSION / REVISION LOG		
NO.	DATE	REVISION

S 320TH ST PRESERVATION

TRAFFIC CONTROL PLAN

PHASE 2

CITY PROJECT #: 36252
SHT. 36
OF 40

MINIMUM LANE CLOSURE TAPER LENGTH = L (feet)										
LANE WIDTH (feet)	Posted Speed (mph)									
	25	30	35	40	45	50	55	60	65	70
10	105	150	205	270	450	500	550	-	-	-
11	115	165	225	295	495	550	605	660	-	-
12	125	180	245	320	540	600	660	720	780	840

MINIMUM SHOULDER TAPER LENGTH = L/3 (feet)										
SHOULDER WIDTH (feet)	Posted Speed (mph)									
	25	30	35	40	45	50	55	60	65	70
8'	40	40	60	90	120	130	150	160	170	190
10'	40	60	90	90	150	170	190	200	220	240

USE A MINIMUM 3 DEVICES TAPER FOR SHOULDER LESS THEN 8'.

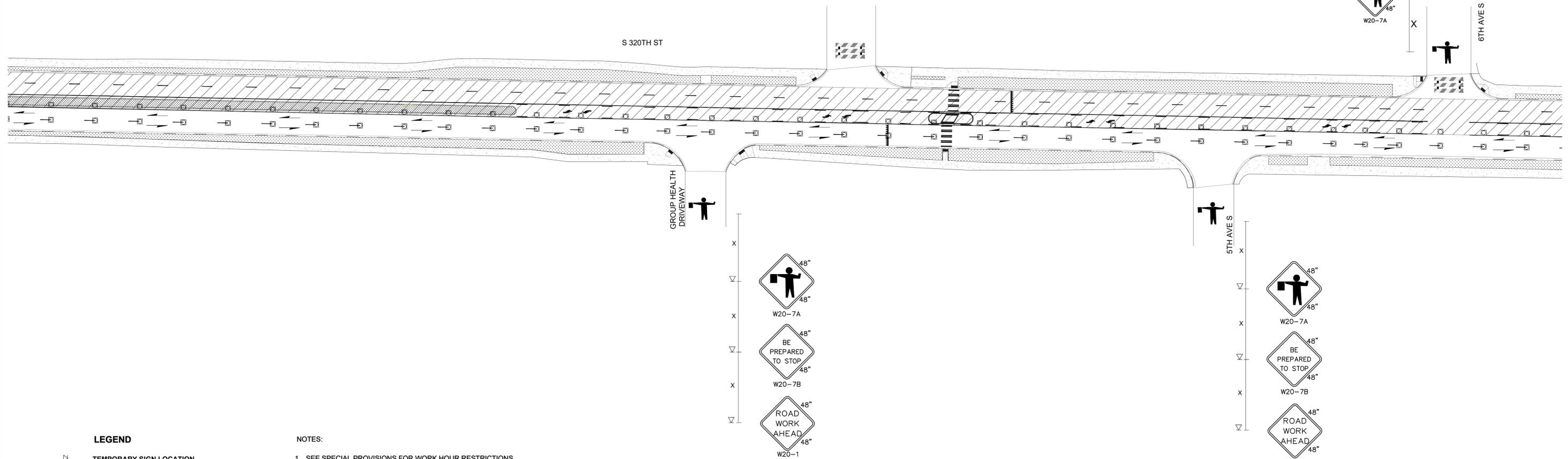
SIGN SPACING = X (1)		
FREEWAYS & EXPRESSWAYS	55 / 70 MPH	1500' □
RURAL HIGHWAYS	60 / 65 MPH	800' □
RURAL ROADS	45 / 55 MPH	500' □
RURAL ROADS & URBAN ARTERIALS	35 / 40 MPH	350' □
RURAL ROADS & URBAN ARTERIALS	25 / 30 MPH	200' □ (2)
RESIDENTIAL & BUSINESS DISTRICTS		
URBAN STREETS	25 MPH OR LESS	100' □ (2)

(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMP, AT-GRADE INTERSECTIONS AND DRIVEWAYS.
(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/70	40	80
35/45	30	60
25/30	20	40

BUFFER DATA										
LONGITUDINAL BUFFER SPACE = B										
LENGTH (feet)	25	30	35	40	45	50	55	60	65	70
	155	200	250	305	360	425	495	570	645	730

BUFFER VEHICLE ROLL AHEAD DISTANCE = R	
TRANSPORTABLE ATTENUATOR	30 FEET MIN. TO 100 FEET MAX.
MINIMUM HOST VEHICLE WEIGHT 15,000 LBS. THE MAXIMUM WEIGHT SHALL BE IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATION.	



- LEGEND**
- TEMPORARY SIGN LOCATION
 - TRAFFIC SAFETY CONE
 - ⇄ SEQUENTIAL ARROW SIGN
 - PCMS PORTABLE CHANGEABLE MESSAGE SIGN
 - UNIFORMED POLICE OFFICER

- NOTES:**
- SEE SPECIAL PROVISIONS FOR WORK HOUR RESTRICTIONS.
 - EXTEND DEVICE TAPER AT L/3 ACROSS SHOULDER.
 - DEVICES SHALL NOT ENCR OACH INTO THE ADJACENT LANE.
 - USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000' (FT) (RECOMMENDED).
 - DEVICE SPACING FOR THE DOWNSTREAM TAPER SHALL BE 20' (FT).
 - ALL SIGNS ARE BLACK ON ORANGE.

*****UNOFFICIAL BID COPY***** Official bid documents, plan holder's list, and addenda (if applicable) are available on BXWA.com



33325 8th Avenue South
Federal Way, WA 98003-6325
(253) 835-2700
www.federalwaywa.gov



DRAFTED: A. KAZIMI
DESIGNED: J. HUYNH
REVIEWED: C. MULLEN
APPROVED: D. WINKLER



DRAWING VERSION / REVISION LOG		
NO.	DATE	REVISION

S 320TH ST PRESERVATION

TRAFFIC CONTROL PLAN

PHASE 2

CITY PROJECT #: 36252
SHT. 37
OF 40

MINIMUM LANE CLOSURE TAPER LENGTH = L (feet)										
LANE WIDTH (feet)	Posted Speed (mph)									
	25	30	35	40	45	50	55	60	65	70
10	105	150	205	270	450	500	550	-	-	-
11	115	165	225	295	495	550	605	660	-	-
12	125	180	245	320	540	600	660	720	780	840

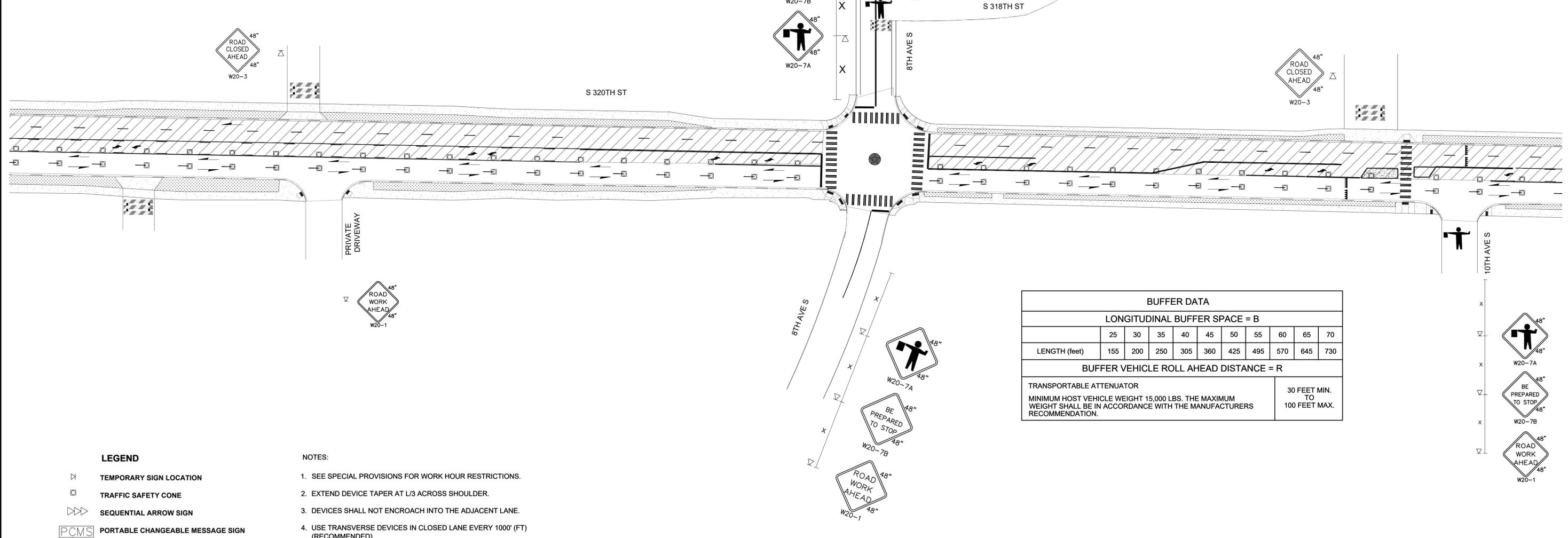
MINIMUM SHOULDER TAPER LENGTH = L/3 (feet)										
SHOULDER WIDTH (feet)	Posted Speed (mph)									
	25	30	35	40	45	50	55	60	65	70
8'	40	40	60	90	120	130	150	160	170	190
10'	40	60	90	90	150	170	190	200	220	240

USE A MINIMUM 3 DEVICES TAPER FOR SHOULDER LESS THEN 8'.

SIGN SPACING = X (1)		
FREEWAYS & EXPRESSWAYS	55 / 70 MPH	1500' □
RURAL HIGHWAYS	60 / 65 MPH	800' □
RURAL ROADS	45 / 55 MPH	500' □
RURAL ROADS & URBAN ARTERIALS	35 / 40 MPH	350' □
RURAL ROADS & URBAN ARTERIALS	25 / 30 MPH	200' □ (2)
RESIDENTIAL & BUSINESS DISTRICTS		
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.

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/70	40	80
35/45	30	60
25/30	20	40



BUFFER DATA										
LONGITUDINAL BUFFER SPACE = B										
LENGTH (feet)	25	30	35	40	45	50	55	60	65	70
	155	200	250	305	360	425	495	570	645	730

BUFFER VEHICLE ROLL AHEAD DISTANCE = R	
TRANSPORTABLE ATTENUATOR MINIMUM HOST VEHICLE WEIGHT 15,000 LBS. THE MAXIMUM WEIGHT SHALL BE IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATION.	30 FEET MIN. TO 100 FEET MAX.

- LEGEND**
- ⊗ TEMPORARY SIGN LOCATION
 - TRAFFIC SAFETY CONE
 - ⇄ SEQUENTIAL ARROW SIGN
 - PCMS PORTABLE CHANGEABLE MESSAGE SIGN
 - UNIFORMED POLICE OFFICER
- NOTES:**
- SEE SPECIAL PROVISIONS FOR WORK HOUR RESTRICTIONS.
 - EXTEND DEVICE TAPER AT L/3 ACROSS SHOULDER.
 - DEVICES SHALL NOT ENCROACH INTO THE ADJACENT LANE.
 - USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000' (FT) (RECOMMENDED).
 - DEVICE SPACING FOR THE DOWNSTREAM TAPER SHALL BE 20' (FT).
 - ALL SIGNS ARE BLACK ON ORANGE.

*****UNOFFICIAL BID COPY***** Official bid documents, plan holder's list, and addenda (if applicable) are available on BXWA.com

CITY OF Federal Way
Centered on Opportunity

33325 8th Avenue South
Federal Way, WA 98003-6325

(253) 835-2700
www.federalwaywa.gov

811
Know what's below.
Call 811 before you dig.

DRAFTED: A. KAZIMI
DESIGNED: J. HUYNH
REVIEWED: C. MULLEN
APPROVED: D. WINKLER

CHRISTINE J. MULLEN
REGISTERED PROFESSIONAL ENGINEER
20 Feb 26

DRAWING VERSION / REVISION LOG		
NO.	DATE	REVISION

S 320TH ST PRESERVATION

TRAFFIC CONTROL PLAN
PHASE 2

CITY PROJECT #:	36252
SHT.	38
OF	40

MINIMUM LANE CLOSURE TAPER LENGTH = L (feet)										
LANE WIDTH (feet)	Posted Speed (mph)									
	25	30	35	40	45	50	55	60	65	70
10	105	150	205	270	450	500	550	-	-	-
11	115	165	225	295	495	550	605	660	-	-
12	125	180	245	320	540	600	660	720	780	840

MINIMUM SHOULDER TAPER LENGTH = L/3 (feet)										
SHOULDER WIDTH (feet)	Posted Speed (mph)									
	25	30	35	40	45	50	55	60	65	70
8'	40	40	60	90	120	130	150	160	170	190
10'	40	60	90	90	150	170	190	200	220	240

USE A MINIMUM 3 DEVICES TAPER FOR SHOULDER LESS THEN 8'.

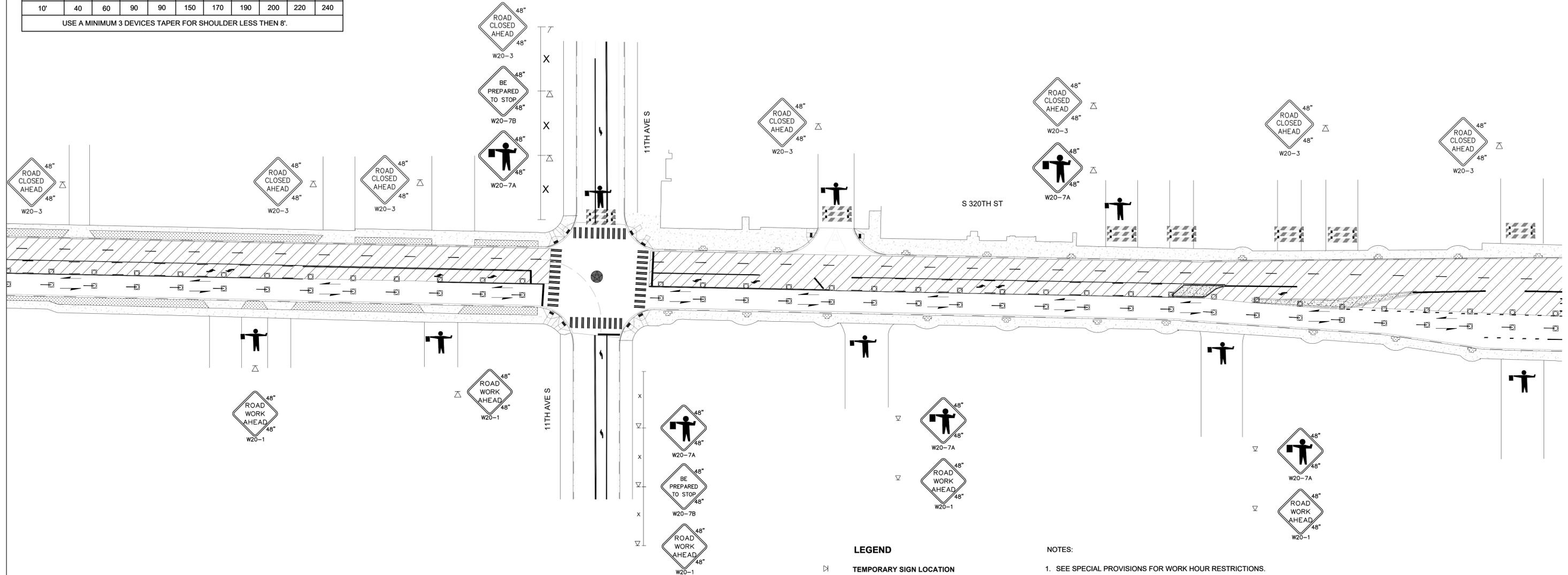
SIGN SPACING = X (1)		
FREEWAYS & EXPRESSWAYS	55 / 70 MPH	1500' □
RURAL HIGHWAYS	60 / 65 MPH	800' □
RURAL ROADS	45 / 55 MPH	500' □
RURAL ROADS & URBAN ARTERIALS	35 / 40 MPH	350' □
RURAL ROADS & URBAN ARTERIALS RESIDENTIAL & BUSINESS DISTRICTS	25 / 30 MPH	200' □ (2)
URBAN STREETS	25 MPH OR LESS	100' □ (2)

(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMP, AT-GRADE INTERSECTIONS AND DRIVEWAYS.
(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/70	40	80
35/45	30	60
25/30	20	40

BUFFER DATA										
LONGITUDINAL BUFFER SPACE = B										
LENGTH (feet)	25	30	35	40	45	50	55	60	65	70
		155	200	250	305	360	425	495	570	645

BUFFER VEHICLE ROLL AHEAD DISTANCE = R	
TRANSPORTABLE ATTENUATOR	30 FEET MIN. TO 100 FEET MAX.
MINIMUM HOST VEHICLE WEIGHT 15,000 LBS. THE MAXIMUM WEIGHT SHALL BE IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATION.	



- LEGEND**
- △ TEMPORARY SIGN LOCATION
 - TRAFFIC SAFETY CONE
 - ⇄ SEQUENTIAL ARROW SIGN
 - PCMS PORTABLE CHANGEABLE MESSAGE SIGN
 - UNIFORMED POLICE OFFICER

- NOTES:**
1. SEE SPECIAL PROVISIONS FOR WORK HOUR RESTRICTIONS.
 2. EXTEND DEVICE TAPER AT L/3 ACROSS SHOULDER.
 3. DEVICES SHALL NOT ENCR OACH INTO THE ADJACENT LANE.
 4. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000' (FT) (RECOMMENDED).
 5. DEVICE SPACING FOR THE DOWNSTREAM TAPER SHALL BE 20' (FT).
 6. ALL SIGNS ARE BLACK ON ORANGE.

*****UNOFFICIAL BID COPY***** Official bid documents, plan holder's list, and addenda (if applicable) are available on BXWA.com

CITY OF Federal Way
Centered on Opportunity

33325 8th Avenue South
Federal Way, WA 98003-6325

(253) 835-2700
www.federalwaywa.gov

811
Know what's below.
Call 811 before you dig.

DRAFTED: A. KAZIMI
DESIGNED: J. HUYNH
REVIEWED: C. MULLEN
APPROVED: D. WINKLER

CHRISTINE J. MULLEN
PROFESSIONAL ENGINEER
20 Feb 26

DRAWING VERSION / REVISION LOG		
NO.	DATE	REVISION

S 320TH ST PRESERVATION

TRAFFIC CONTROL PLAN
PHASE 2

CITY PROJECT #: 36252
SHT. 39
OF 40



MINIMUM LANE CLOSURE TAPER LENGTH = L (feet)										
LANE WIDTH (feet)	Posted Speed (mph)									
	25	30	35	40	45	50	55	60	65	70
10	105	150	205	270	450	500	550	-	-	-
11	115	165	225	295	495	550	605	660	-	-
12	125	180	245	320	540	600	660	720	780	840

MINIMUM SHOULDER TAPER LENGTH = L/3 (feet)										
SHOULDER WIDTH (feet)	Posted Speed (mph)									
	25	30	35	40	45	50	55	60	65	70
8'	40	40	60	90	120	130	150	160	170	190
10'	40	40	90	90	150	170	190	200	220	240

USE A MINIMUM 3 DEVICES TAPER FOR SHOULDER LESS THEN 8'.

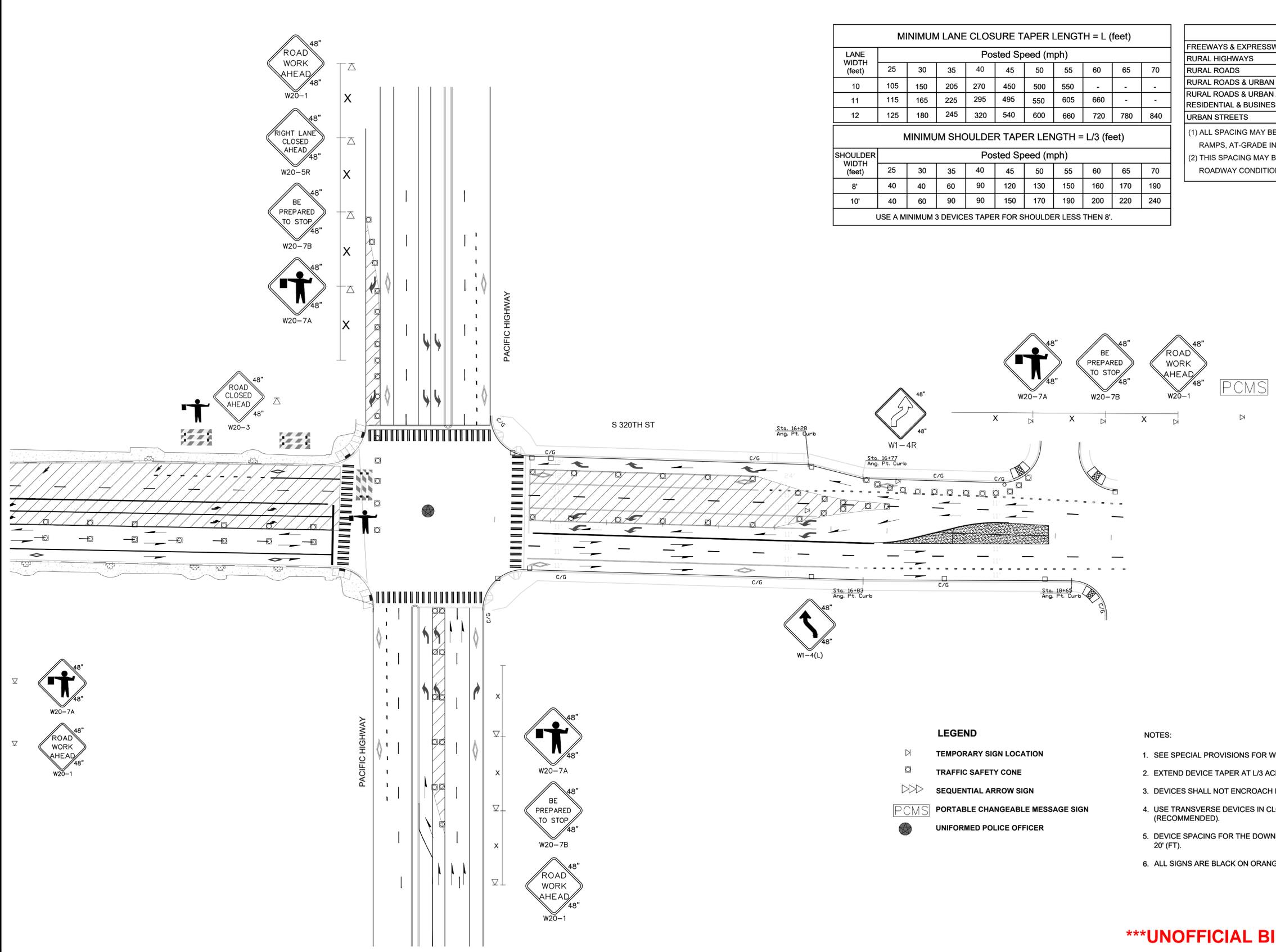
SIGN SPACING = X (1)		
FREeways & EXPRESSWAYS	55 / 70 MPH	1500' □
RURAL HIGHWAYS	60 / 65 MPH	800' □
RURAL ROADS	45 / 55 MPH	500' □
RURAL ROADS & URBAN ARTERIALS	35 / 40 MPH	350' □
RURAL ROADS & URBAN ARTERIALS	25 / 30 MPH	200' □ (2)
RESIDENTIAL & BUSINESS DISTRICTS		
URBAN STREETS	25 MPH OR LESS	100' □ (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.

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/70	40	80
35/45	30	60
25/30	20	40

BUFFER DATA										
LONGITUDINAL BUFFER SPACE = B										
LENGTH (feet)	25	30	35	40	45	50	55	60	65	70
	155	200	250	305	360	425	495	570	645	730

BUFFER VEHICLE ROLL AHEAD DISTANCE = R	
TRANSPORTABLE ATTENUATOR	30 FEET MIN. TO 100 FEET MAX.
MINIMUM HOST VEHICLE WEIGHT 15,000 LBS. THE MAXIMUM WEIGHT SHALL BE IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATION.	



- LEGEND**
- TEMPORARY SIGN LOCATION
 - TRAFFIC SAFETY CONE
 - ▢ SEQUENTIAL ARROW SIGN
 - PCMS PORTABLE CHANGEABLE MESSAGE SIGN
 - UNIFORMED POLICE OFFICER

- NOTES:**
- SEE SPECIAL PROVISIONS FOR WORK HOUR RESTRICTIONS.
 - EXTEND DEVICE TAPER AT L/3 ACROSS SHOULDER.
 - DEVICES SHALL NOT ENCRoACH INTO THE ADJACENT LANE.
 - USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000' (FT) (RECOMMENDED).
 - DEVICE SPACING FOR THE DOWNSTREAM TAPER SHALL BE 20' (FT).
 - ALL SIGNS ARE BLACK ON ORANGE.

PCMS	
1	2
RIGHT LANE CLOSURE	1 MILE AHEAD
2.0 SEC	2.0 SEC

FIELD LOCATE 1 MILE □ IN ADVANCE OF LANE CLOSURE SIGNING.

*****UNOFFICIAL BID COPY***** Official bid documents, plan holder's list, and addenda (if applicable) are available on BXWA.com

CITY OF Federal Way
Centered on Opportunity

33325 8th Avenue South
Federal Way, WA 98003-6325

(253) 835-2700
www.federalwaywa.gov

811
Know what's below. Call 811 before you dig.

DRAFTED: A. KAZIMI
DESIGNED: J. HUYNH
REVIEWED: C. MULLEN
APPROVED: D. WINKLER

CHRISTINE J. MULLEN
REGISTERED PROFESSIONAL ENGINEER
20 FEB 26

DRAWING VERSION / REVISION LOG		
NO.	DATE	REVISION

S 320TH ST PRESERVATION

TRAFFIC CONTROL PLAN
PHASE 2

CITY PROJECT #:	36252
SHT.	40
OF	40