

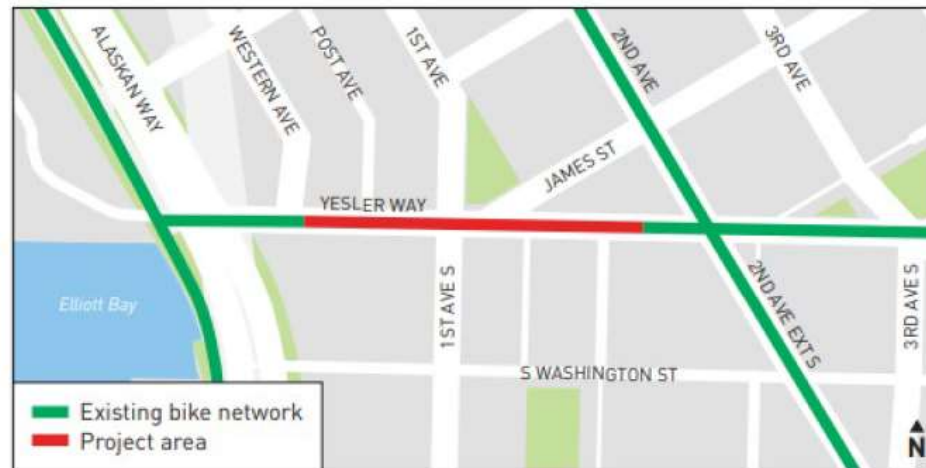
Description of Work

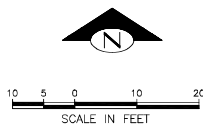
This project will fill the gap in the Yesler Way protected bike lane between Western Ave and Occidental Ave S. Following construction, there would be a seamless route comfortable for riders of all ages and abilities between Downtown Seattle and the waterfront bike path. It also provides direct access to Washington's largest ferry hub, providing a true regional connection to multiple ferry lines.

The protected bike lane will be on the north side of Yesler Way and allow people biking, on scooters and other mobility devices to travel in both directions. It will fit seamlessly into the existing protected bike lane network in Pioneer Square that also uses this configuration. We plan to use precast concrete barriers to separate people biking from people driving, and are seeing the Board's input on a barrier design.

The portion of Yesler west of 1st Ave is being reconstructed by the Office of the Waterfront. SDOT intends to build this project shortly after the Waterfront project is complete. Note that they will be moving the north curbline south to narrow the street; the following site plans include this change.

Project Map





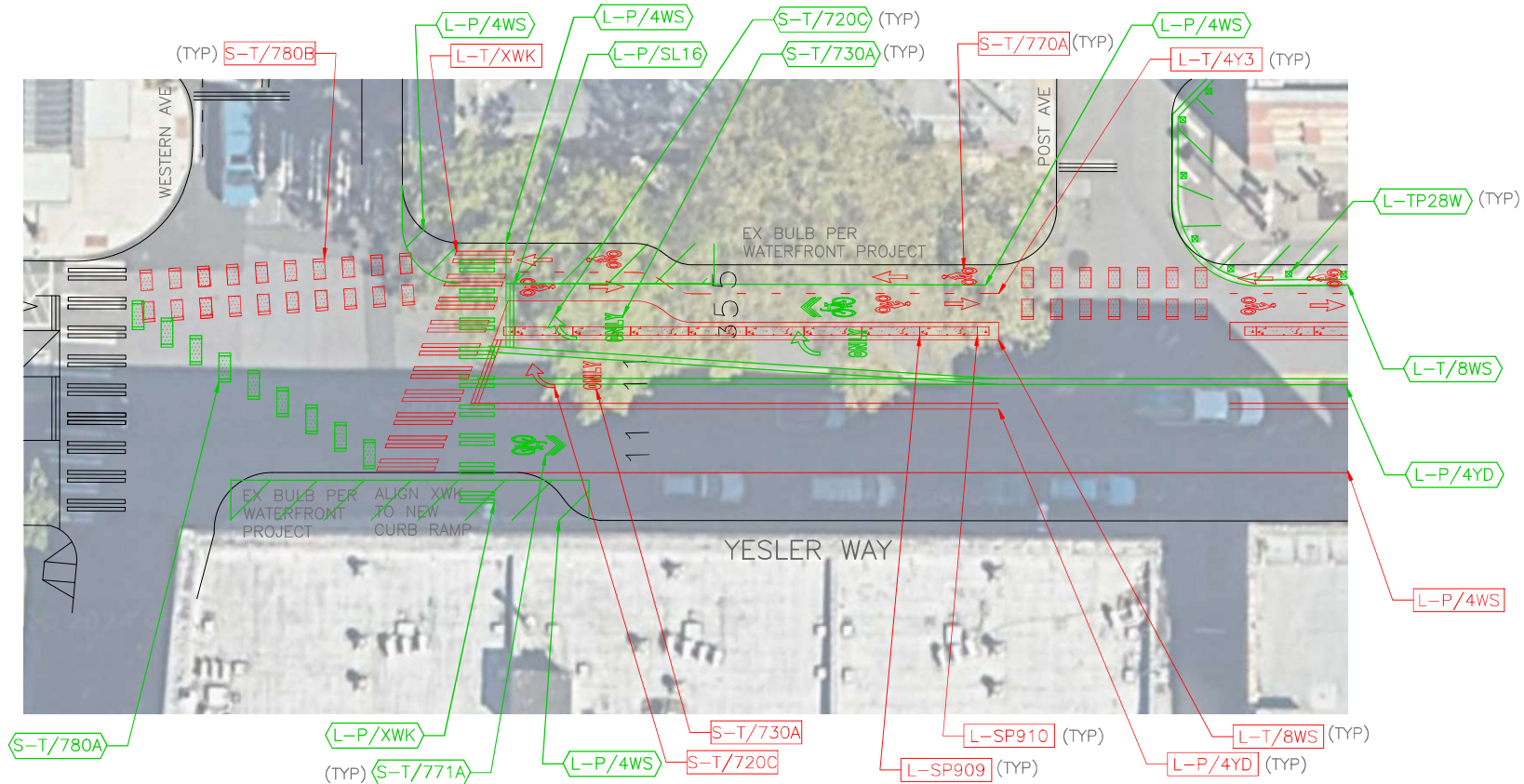
CHANNELIZATION LEGEND

L-P/4WS	(PAINT) 4-IN WHITE SOLID STRIPE	L-TP28W	28-IN WHITE TUFF POST
L-P/4YD	(PAINT) TWO PARALLEL 4-IN YELLOW SOLID STRIPES WITH 4-IN GAP BETWEEN STRIPES AND A TYPE 2A RPM EVERY 30-FT ON CENTER	L-SP909	18-IN BARRIER PER STD 909
L-P/SL16	(PAINT) 16-IN WHITE STRIPE	L-SP910	18-IN BULLNOSE PER STD 910
L-P/XWK	(PAINT) PAIRS OF LONGITUDINAL 8-IN WHITE BARS WITH AN 8-IN GAP BETWEEN, REPEATED IN A PATTERN AVOIDING WHEELS PATHS PEDESTRIAN PATH	S-T/720C	(THERMOPLASTIC) RIGHT ARROW SYMBOL PER COD STD 720C
L-T/8WS	(THERMOPLASTIC) 8-IN WHITE SOLID STRIPE	S-T/730A	(THERMOPLASTIC) "ONLY" LEGEND PER COD STD 730A
L-T/SL16	(THERMOPLASTIC) 16-IN WHITE STRIPE	S-T/771A	(THERMOPLASTIC) HELMETED BICYCLIST SYMBOL WITH ARROW PER COS STD 770A
L-T/4W2	(THERMOPLASTIC) 4-IN WHITE 2'-4' SKIP LINE	S-T/770A	(THERMOPLASTIC) SHARROW SYMBOL PER COS STD 771A
L-T/4Y3	(THERMOPLASTIC) 4-IN YELLOW 3'-6' SKIP LINE	S-T/780A	(THERMOPLASTIC) ONE-WAY GREEN/WHITE CROSS BIKE PER COS STD 780A
L-T/XWK	(THERMOPLASTIC) PAIRS OF LONGITUDINAL 8-IN WHITE BARS WITH AN 8-IN GAP BETWEEN, REPEATED IN A PATTERN AVOIDING WHEELS PATHS PEDESTRIAN PATH	S-T/780B	(THERMOPLASTIC) TWO-WAY GREEN/WHITE CROSS BIKE PER COS STD 780B
		S-T/781	(THERMOPLASTIC) TWO-WAY GREEN DRIVEWAY BIKE PER COS STD 781

GENERAL NOTES

1. INSTALLATION/REMOVAL SHALL REFER TO THE CONDITIONS IN THE FIELD IF DIFFERS FROM PLANS.
2. REMARK CROSSWALKS/STOP LINES IF IN POOR CONDITION.

Note: Green indicates removals of existing signs and pavement markings. Red indicates installations.



WO# 1099716
SPEEDTYPE: TRC0987-S0300

CALL 2 WORKING
DAYS BEFORE
YOU DIG
1-800-424-5555

PRELIMINARY
DESIGN
NOT FOR CONSTRUCTION

APPROVED FOR ADVERTISING
LIZ ALZER
DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
SEATTLE, WASHINGTON 20

BY:
CITY PURCHASING & CONTRACTING SERVICES DIRECTOR

INITIALS AND DATE		INITIALS AND DATE	
DESIGNED CS	##/##/####	REVIEWED:	
CHECKED TBO	##/##/####	DES.	CONST.
		SDOT	PROJ. MGR.
DRAWN CS	##/##/####	RECEIVED	
CHECKED TBO	##/##/####	REVISED AS BUILT	

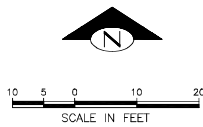
ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS, AND OTHER DOCUMENTS CALLED FOR IN SECTION 2-10.3 OF THE PROJECT MANUAL.

Seattle
Department of
Transportation

ORDINANCE NO. PW NO.
SUBPROJECT ID:
SCALE: 1"=10'

YESLER PROTECTED
BICYCLE LANE CONNECTION

JOB	PC
CD	
VR #	XXX-XXXX
	CH1
SHEET	1 OF 3



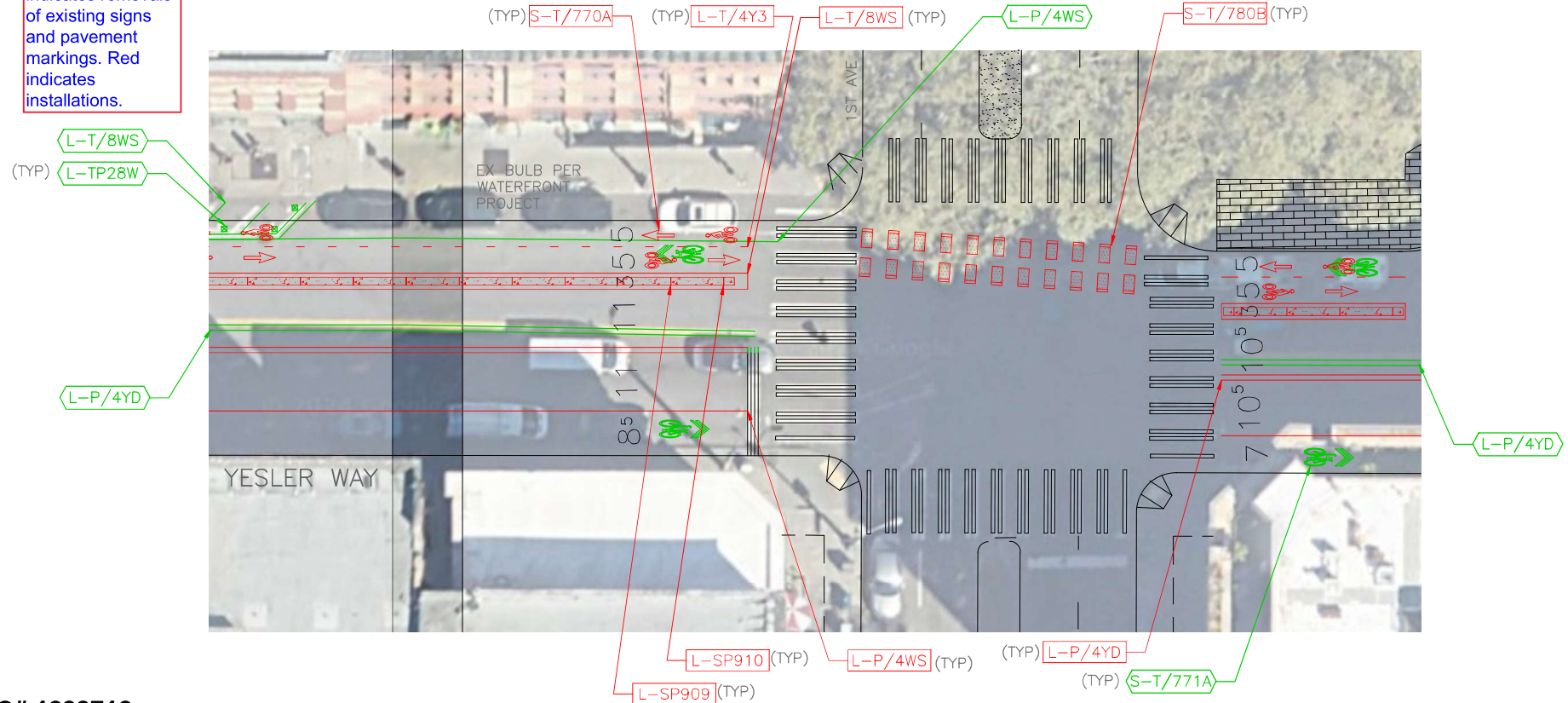
CHANNELIZATION LEGEND

L-P/4WS	(PAINT) 4-IN WHITE SOLID STRIPE	L-TP2BW	28-IN WHITE TUFF POST
L-P/4YD	(PAINT) TWO PARALLEL 4-IN YELLOW SOLID STRIPES WITH 4-IN GAP BETWEEN STRIPES AND A TYPE 2A RPM EVERY 30-FT ON CENTER	L-SP909	18-IN BARRIER PER STD 909
L-P/SL16	(PAINT) 16-IN WHITE STRIPE	L-SP910	18-IN BULLNOSE PER STD 910
L-P/XWK	(PAINT) PAIRS OF LONGITUDINAL 8-IN WHITE BARS WITH AN 8-IN GAP BETWEEN, REPEATED IN A PATTERN AVOIDING WHEELS PATHS PEDESTRIAN PATH	S-T/720C	(THERMOPLASTIC) RIGHT ARROW SYMBOL PER COD STD 720C
L-T/8WS	(THERMOPLASTIC) 8-IN WHITE SOLID STRIPE	S-T/730A	(THERMOPLASTIC) "ONLY" LEGEND PER COD STD 730A
L-T/SL16	(THERMOPLASTIC) 16-IN WHITE STRIPE	S-T/771A	(THERMOPLASTIC) HELMETED BICYCLIST SYMBOL WITH ARROW PER COS STD 771A
L-T/4W2	(THERMOPLASTIC) 4-IN WHITE 2'-4' SKIP LINE	S-T/770A	(THERMOPLASTIC) SHARROW SYMBOL PER COS STD 771A
L-T/4Y3	(THERMOPLASTIC) 4-IN YELLOW 3'-6' SKIP LINE	S-T/780A	(THERMOPLASTIC) ONE-WAY GREEN/WHITE CROSS BIKE PER COS STD 780A
L-T/XWK	(THERMOPLASTIC) PAIRS OF LONGITUDINAL 8-IN WHITE BARS WITH AN 8-IN GAP BETWEEN, REPEATED IN A PATTERN AVOIDING WHEELS PATHS PEDESTRIAN PATH	S-T/780B	(THERMOPLASTIC) TWO-WAY GREEN/WHITE CROSS BIKE PER COS STD 780B
		S-T/781	(THERMOPLASTIC) TWO-WAY GREEN DRIVEWAY BIKE PER COS STD 781

GENERAL NOTES

1. INSTALLATION/REMOVAL SHALL REFER TO THE CONDITIONS IN THE FIELD IF DIFFERS FROM PLANS.
2. REMARK CROSSWALKS/STOP LINES IF IN POOR CONDITION.

Note: Green indicates removals of existing signs and pavement markings. Red indicates installations.



WO# 1099716
SPEEDTYPE: TRC0987-S0300

CALL 2 WORKING
DAYS BEFORE
YOU DIG
1-800-424-5555

PRELIMINARY
DESIGN
NOT FOR CONSTRUCTION

APPROVED FOR ADVERTISING
LIZ ALZEER
DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
SEATTLE, WASHINGTON 20 . . .

BY:
CITY PURCHASING & CONTRACTING SERVICES DIRECTOR

INITIALS AND DATE		INITIALS AND DATE	
DESIGNED CS	##/##/####	REVIEWED: DES.	CONST.
CHECKED TBO	##/##/####	SDOT	PROJ. MGR.
DRAWN CS	##/##/####	RECEIVED	
CHECKED TBO	##/##/####	REVISED AS BUILT	

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 2-10.2.3 OF THE PROJECT MANUAL.

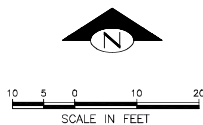
Seattle
Department of
Transportation

ORDINANCE NO.
SUBPROJECT ID:
SCALE: 1"=10'

YESLER WAY AND 1ST AVE
CHANN

YESLER PROTECTED
BICYCLE LANE CONNECTION

JOB	PC
CD	
VR #	XXX-XXX
	CH2
SHEET	2 OF 3



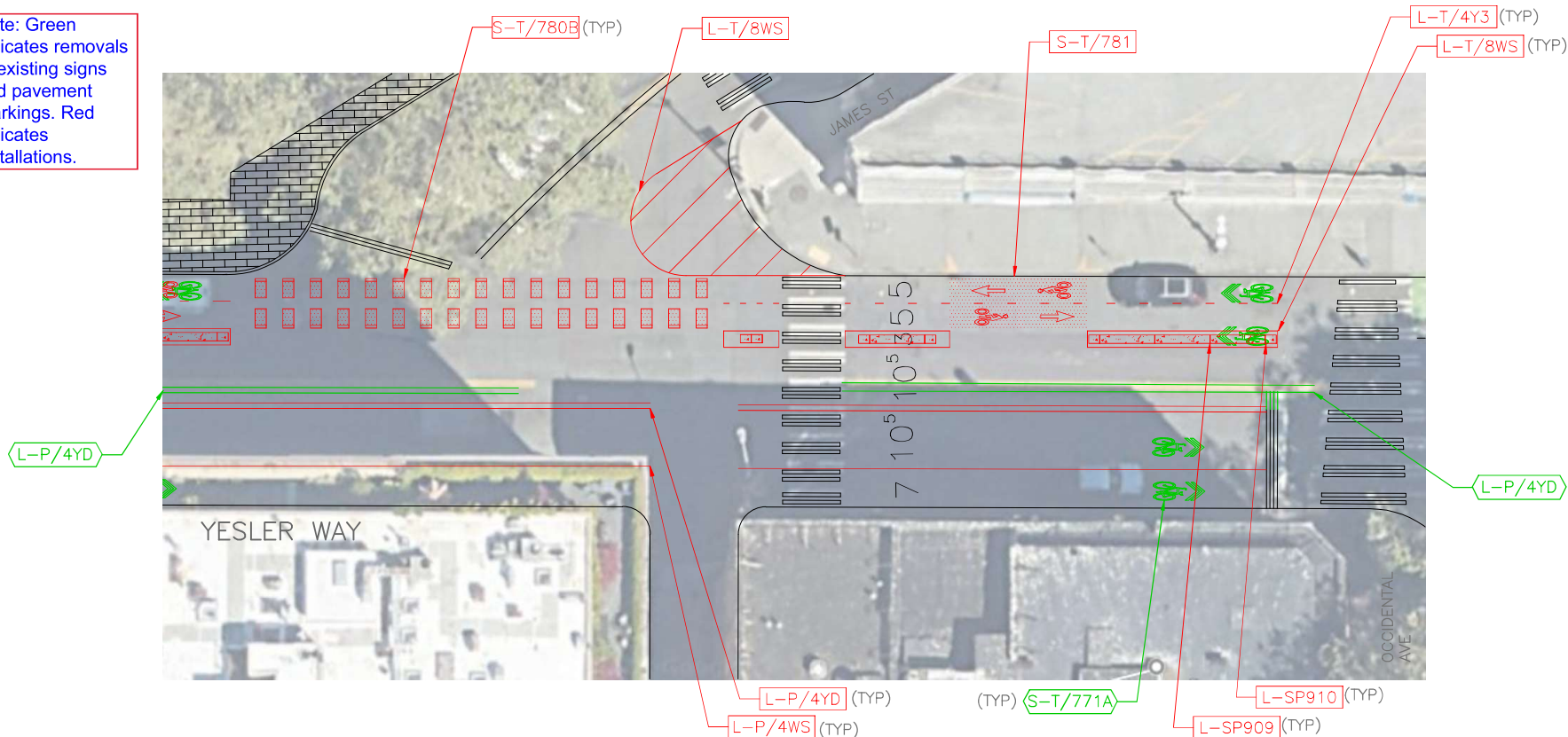
CHANNELIZATION LEGEND

L-P/4WS	(PAINT) 4-IN WHITE SOLID STRIPE	L-TP2BW	28-IN WHITE TUFF POST
L-P/4YD	(PAINT) TWO PARALLEL 4-IN YELLOW SOLID STRIPES WITH 4-IN GAP BETWEEN STRIPES AND A TYPE 2A RPM EVERY 30-FT ON CENTER	L-SP909	18-IN BARRIER PER STD 909
L-P/SL16	(PAINT) 16-IN WHITE STRIPE	L-SP910	18-IN BULLNOSE PER STD 910
L-P/XWK	(PAINT) PAIRS OF LONGITUDINAL 8-IN WHITE BARS WITH AN 8-IN GAP BETWEEN, REPEATED IN A PATTERN AVOIDING WHEELS PATHS PEDESTRIAN PATH	S-T/720C	(THERMOPLASTIC) RIGHT ARROW SYMBOL PER COD STD 720C
L-T/8WS	(THERMOPLASTIC) 8-IN WHITE SOLID STRIPE	S-T/730A	(THERMOPLASTIC) "ONLY" LEGEND PER COD STD 730A
L-T/SL16	(THERMOPLASTIC) 16-IN WHITE STRIPE	S-T/771A	(THERMOPLASTIC) HELMETED BICYCLIST SYMBOL WITH ARROW PER COS STD 770A
L-T/4W2	(THERMOPLASTIC) 4-IN WHITE 2'-4' SKIP LINE	S-T/770A	(THERMOPLASTIC) SHARROW SYMBOL PER COS STD 771A
L-T/4Y3	(THERMOPLASTIC) 4-IN YELLOW 3'-6' SKIP LINE	S-T/780A	(THERMOPLASTIC) ONE-WAY GREEN/WHITE CROSS BIKE PER COS STD 780A
L-T/XWK	(THERMOPLASTIC) PAIRS OF LONGITUDINAL 8-IN WHITE BARS WITH AN 8-IN GAP BETWEEN, REPEATED IN A PATTERN AVOIDING WHEELS PATHS PEDESTRIAN PATH	S-T/780B	(THERMOPLASTIC) TWO-WAY GREEN/WHITE CROSS BIKE PER COS STD 780B
		S-T/781	(THERMOPLASTIC) TWO-WAY GREEN DRIVEWAY BIKE PER COS STD 781

GENERAL NOTES

1. INSTALLATION/REMOVAL SHALL REFER TO THE CONDITIONS IN THE FIELD IF DIFFERS FROM PLANS.
2. REMARK CROSSWALKS/STOP LINES IF IN POOR CONDITION.

Note: Green indicates removals of existing signs and pavement markings. Red indicates installations.



WO# 1099716
SPEEDTYPE: TRC0987-S0300

CALL 2 WORKING
DAYS BEFORE
YOU DIG
1-800-424-5555

PRELIMINARY
DESIGN
NOT FOR CONSTRUCTION

APPROVED FOR ADVERTISING
LIZ ALZEER
DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
SEATTLE, WASHINGTON 20 . . .

BY:
CITY PURCHASING & CONTRACTING SERVICES DIRECTOR

INITIALS AND DATE		INITIALS AND DATE	
DESIGNED CS	##/##/####	REVIEWED: DES.	CONST.
CHECKED TBO	##/##/####	SDOT	PROJ. MGR.
DRAWN CS	##/##/####	RECEIVED	
CHECKED TBO	##/##/####	REVISED AS BUILT	

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS, AND OTHER DOCUMENTS CALLED FOR IN SECTION 2-10.3 OF THE PROJECT MANUAL.

Seattle Department of Transportation
ORDINANCE NO. PW NO.
SUBPROJECT ID:
SCALE: 1"=10'

YESLER PROTECTED
BICYCLE LANE CONNECTION

JOB	PC
CD	CD
VR #	XXX-XXX
	CH3
SHEET	3 OF 3

Existing Conditions to be Altered:

Figure 1: Yesler Way between James St and Occidental Ave S. The protected bike lane would be installed where parking is currently permitted.

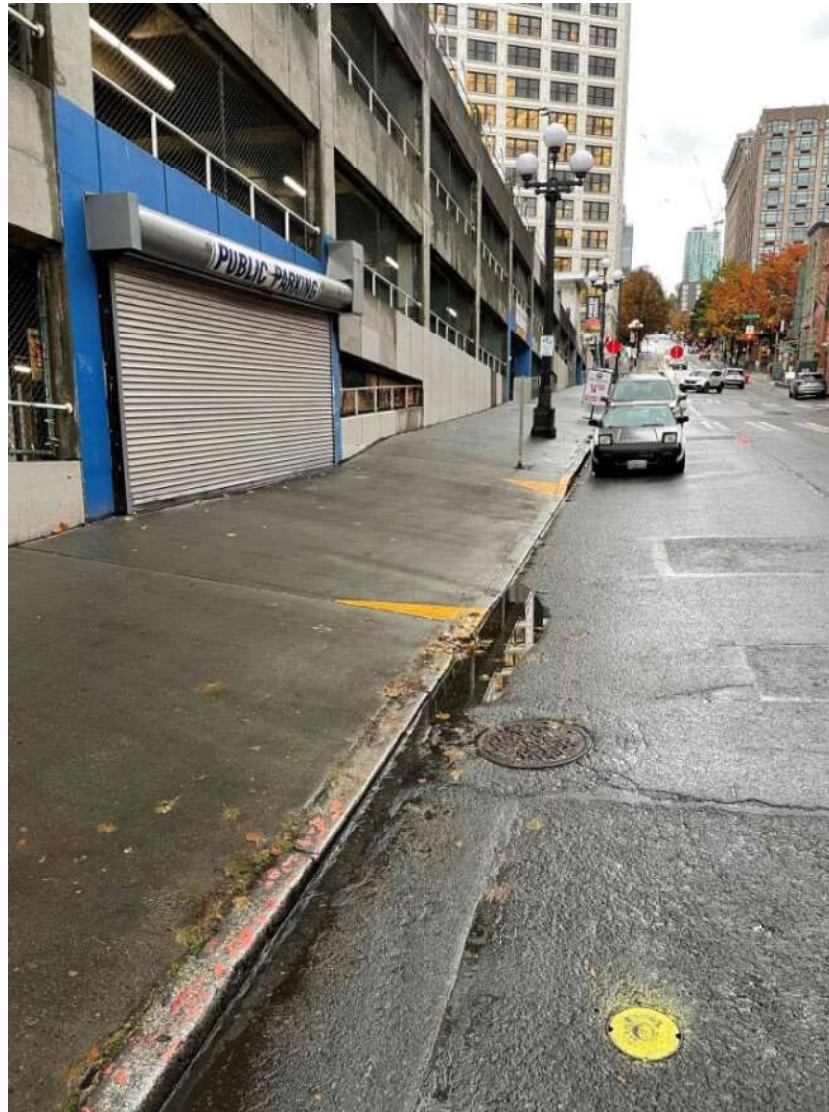


Figure 2: Yesler Way between 1st Ave and James St. The protected bike lane would be installed in the street adjacent to Pioneer Park. The existing signal will not be modified at this time; instead turn restrictions prohibiting right turns from westbound Yesler to northbound 1st Ave and left turns from eastbound Yesler to northbound James would be installed.



Figure 3: Yesler Way between 1st Ave and Western Ave. The Waterfront project will be repairing and expanding the sidewalk into the street. Afterwards, this SDOT project would replace parking on the north side of the street with the protected bike lane. One loading zone will be relocated to Post Alley.



Figure 4: The intersection of Yesler Way and Western Ave, where the project will connect with the existing protected bike lane linking to the Waterfront trail. The Waterfront project will be significantly rebuilding this intersection replacing the hashed painted area with permanent materials. If built, the SDOT protected bike lane project would remove the diagonal transition that currently guides cyclists to the south side of Yesler.



Curbing Option 1: Industrial Parking Curb

This option is slightly larger than the parking stops used on the existing protected bike lane on Yesler Way between Occidental Ave S and 2nd Ave. It provides protection for people biking while still being relatively compact.

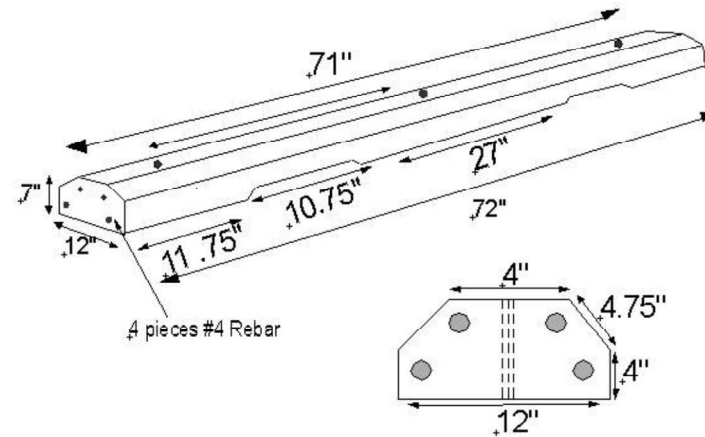


Figure 1: Product being installed on Swift Ave S.

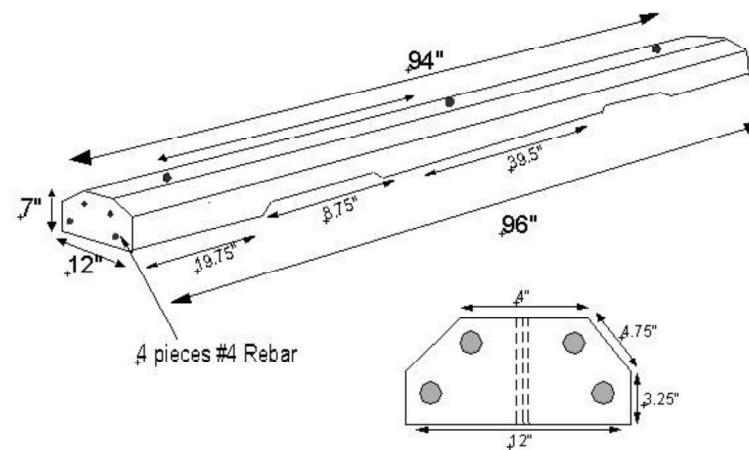
Industrial Parking Curb

4000 psi @ 28 days

Industrial Curb 6 ft. PC8004



Industrial Curb 8 ft. PC8011

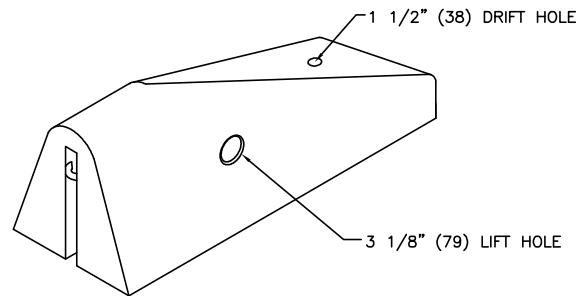


Curbing Option 2: Low Wall Barrier

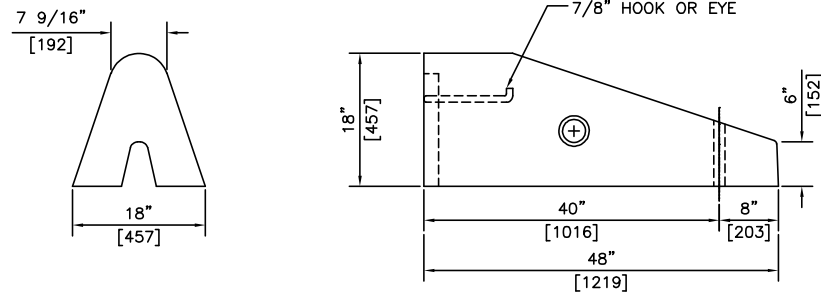
This option is significantly larger than the parking stops used on the existing protected bike lane on Yesler Way between Occidental Ave S and 2nd Ave. It provides protection for people biking and is suitable for use when there is more space available. However, its large surface area could attract graffiti.



Figure 2: Product being installed on S Dearborn St



ISOMETRIC




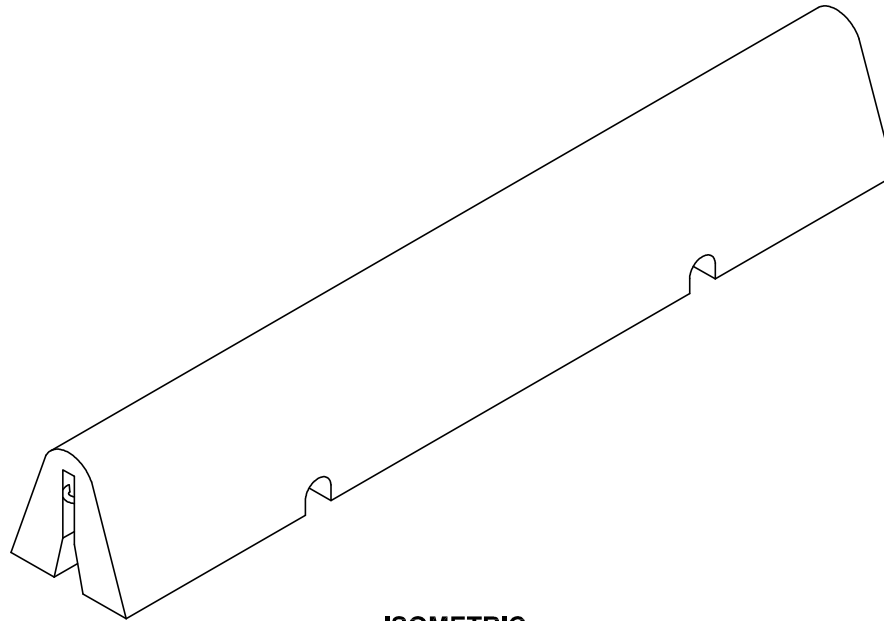
SECTIONS

NOTES:

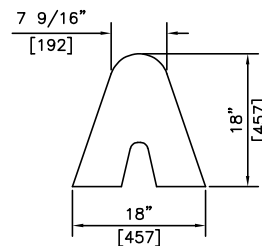
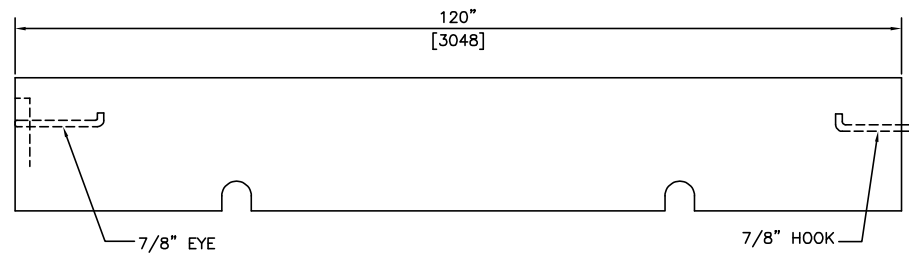
- 1) 30 MPa @ 28 DAYS
- 2) CURB MAY BE PRODUCED WITHOUT HOOK & EYE CONNECTIONS
- 3) 18" BULLNOSE IS POURED WITH FIBRILATED FIBRE STRAND REINFORCED CONCRETE

REVISED: 02-18-05

 KON KAST products (2005) Ltd. "Committed To Quality And Service"	3440 UNIVERSITY WAY KELOWNA B.C. V1V 1V9 PH: (250)765-1423 FX: (250)765-0820	BY: BMR	18" BULLNOSE CBN-1 MALE OR FEMALE	ITEM NO.
		DATE: FEB 16 05		910
		SCALE: NTS		



ISOMETRIC




SECTION

NOTES:

- 1) 30 MPa @ 28 DAYS
- 2) CURB MAY BE PRODUCED WITHOUT HOOK & EYE CONNECTIONS
- 3) 18" BARRIER IS POURED WITH FIBRILATED FIBRE STRAND REINFORCED CONCRETE

REVISED: FEB 16 2005

 KON KAST products (2005) Ltd. "Committed To Quality And Service"	3440 UNIVERSITY WAY KELOWNA B.C. V1V 1V9 PH: (250)765-1423 FX: (250)765-0820	BY: BMR	18" BARRIER CLB-1	ITEM NO. 909
		DATE: FEB 16 05		
		SCALE: NTS		