

TRANSMITTAL COVER SHEET

Date: November 15, 2021

TO POST OF THE STATE OF THE STA

TO:

Name of Recipient:

Amanda Maxwell Executive Director and Secretary Utilities and Transportation Commission PO Box 47250 Olympia, WA 98504-7250 FROM:

Name of Sender:

Sam Zimbabwe Director Department of Transportation Seattle Municipal Tower P.O. Box 34996 Seattle, WA 98124-4996

Message:

Please find enclosed copies of the following documentation for your records:

- City of Seattle Terminal 5 Quiet Zone Letter to the Administrator
- City of Seattle Terminal 5 Quiet Zone Notice of Intent
- City of Seattle Terminal 5 Quiet Zone 60-day Comment Form
- City of Seattle Terminal 5 Quiet Zone Relevant plan sheets and aerial site maps



November 15, 2021

Mr. Karl Alexy
Associate Administrator & Chief Safety Officer
Federal Railroad Administration
Mail Stop 25
1200 New Jersey Avenue SE
Washington, DC 20590

Dear Mr. Alexy,

The City of Seattle is pursuing the establishment of a quiet zone along industry track controlled by BNSF Railway Company. This quiet zone, herein referred to as the Terminal 5 Quiet Zone, is being established in advance of required mitigation detailed in the Port of Seattle Terminal 5 Cargo Wharf Rehabilitation, Berth Deepening, and Improvements Final EIS. Following the procedures established by *Title 49 Subtitle B, Chapter 2, Part 222, Use of Locomotive Horns at Public Highway-Rail Grade Crossings*, please find attached the City of Seattle's Notice of Intent to Establish a New 24-Hour Quiet Zone by Public Authority Designation.

In accordance with 49 CFR § 222.43 (b)(3)(i) the City of Seattle will accept comments related to the proposed Quiet Zone for 60 days following the certified mailing date of this Notice of Intent. A comment form and contact information for comment submission is included.

Should you have any questions or concerns regarding this Notice of Intent, please feel free to contact Ms. Treysea M. Tate, Associate Civil Engineer, Rail - Seattle Department of Transportation at Treysea. Tate@seattle.gov or (206) 684-8163.

Sincerely,

Sam Zimbabwe

Director

City of Seattle

Department of Transportation

Seattle Municipal Tower

P.O. Box 34996

Seattle, WA 98124-4996

Enclosure

CC: Jeffrey Stewart, Federal Railroad Administration

Amanda Maxwell, Utilities and Transportation Commission

Mike Turcott, Utilities and Transportation Commission

Connie Raezer, Washington State Department of Transportation

Stephen Semenick, BNSF Railway Company

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

DATE: November 15, 2021

SUBJECT: Terminal 5 Quiet Zone, BNSF Railway Company Industry Track

Notice of Intent to Establish a Railroad Quiet Zone by Public Authority Designation

Title 49 Code of Federal Regulations 222.39 (a)(1)

Notice is hereby given that the City of Seattle, in King County, Washington intends to notify the Associate Administrator for Railroad Safety of the Federal Railroad Administration of the creation of a New 24-Hour Quiet Zone by Public Authority Designation on BNSF Railway Company industry tracks in accordance with regulatory provisions contained within Title 49 of the Code of Federal Regulations (CFR), Part 222 Use of Locomotive Horns at Public Highway-Rail Grade Crossings, Final Rule pursuant to 49 CFR 222.39 (a)(1).

Pursuant to 49 CFR § 222.43 (b)(3)(i), parties receiving this Notice of Intent may submit information or comments regarding the proposed Terminal 5 Quiet Zone to the City of Seattle during the 60-day period after the date which the Notice of Intent was mailed.

49 CFR 222.43(b)(2)(i) – AFFECTED HIGHWAY RAIL CROSSINGS

There are nine total rail crossings within the boundary of the proposed quiet zone. Of these, there are seven (7) at-grade and two (2) grade-separated (RR UNDER) highway crossings. Of the seven at-grade rail crossings, there is one (1) public crossing and six (6) private industry crossings as identified in the table below.

CROSSING	USDOT CROSSING	RAILROAD	STREET/OWNER NAME
NUMBER	INVENTORY ID NUMBER	MILEPOST	
1	096202N	182.533	PUBLIC / CHELAN AVE SW
2	096201G	182.449	PRIVATE / PS TERMINAL FRT
3	096197U	182.315	PRIVATE / SEATTLE STL XNG
4	977570M	182.283	PRIVATE / PRIVATE
5	977571U	182.199	PRIVATE / PRIVATE
6	0961935	182.162	PRIVATE / GEN CONTRS MN XNG
7	096192K	182.095	PRIVATE / PVT XING
8	096199H	RR UNDER	SPOKANE ST BR
9	095992T	RR UNDER	WEST SEATTLE BR

49 CFR 222.43(b)(2)(ii) – TIME RESTRICTION

The new Terminal 5 Quiet Zone is proposed to be in effect 24 hours per day, seven days per week with the exception of emergency and other situations as described in 49 CFR 222.23.

49 CFR 222.43(b)(2)(iii) – PROPOSED SAFETY IMPROVEMENTS

DOT# 096202N (Crossing 1) is the public highway-rail grade crossing to be permanently closed to vehicular traffic. The at-grade pedestrian crossing will be protected by an active warning system that will include gate arms, flashing lights, one warning bell and signage and pavement markings per MUTCD Section 8. First responder access will be allowed via removable bollards.

DOT# 096201G (Crossing 2) is a private at-grade crossing that will be permanently closed to all traffic modes including bicycles and pedestrians. The existing crossing surface will be removed and entrance through or across the railroad right-of-way will be restricted by chain link fencing.

DOT# 096197U (Crossing 3) is a private crossing that will be upgraded to a public at-grade crossing protected by a four-quadrant gate system with flashing lights and interconnected with the highway traffic control system at the intersection with W. Marginal Way SW.

DOT# 977570M (Crossing 4) is a private crossing that will be closed to all traffic modes. The existing crossing surface will be removed and entrance through or across the railroad right-of-way will be restricted by chain link fencing.

DOT# 977571U (Crossing 5) will remain a private crossing owned by United Motor Freight/Riverside Mills (UMF/RM) with controlled access limited to UMF/RM employees and customers, BNSF Railway Company employees and their service contractors. Entrance through or across the railroad right-of-way in this location will be one-way in and controlled by chain link fence and locked gates outside of UMF/RM regular operating hours.

DOT# 096193S (Crossing 6) is a private crossing owned by Global Warehouse/Kiewit. It is the sole access to the public right-of-way for these industrial businesses. This crossing will remain open, and MUTCD Section 8-compliant passive warning signs and markings will be installed. W10-9/W10-9P "No Train Horn" signs will also be installed.

DOT# 096192K (Crossing 7) is a private crossing owned by Cal-Portland. It is the sole access to the public right-of-way for this industrial business. This crossing will remain open, and MUTCD Section 8-compliant passive warning signs and markings will be installed.
W10-9/W10-9P "No Train Horn" signs will also be installed.

The two grade-separated crossings, DOT# 096199H – Spokane Ave Overpass (Crossing 8) and DOT# 095992T – West Seattle Bridge (Crossing 9) will not receive crossing safety upgrades.

All Supplemental Safety Measures (SSM's) designed for Crossings 1 and 3 will comply with the requirements of Appendix A of Title 49 CFR Part 222 and the current Manual on Uniform Traffic Control Devices (MUTCD).

CROSSING NUMBER	USDOT CROSSING INVENTORY ID	PROPOSED SSM INSTALLATION
1	096202N	 Permanent closure of Public highway rail grade crossing to vehicular traffic (Part 222, Appendix A.5).
2	096201G	 Permanent closure of private highway rail grade crossing to vehicular traffic.
3	096197U	 Four-Quadrant gate system (Part 222. Appendix A.2). Presence detection with 60-ft of traffic (Part 222, Appendix A.2)
4	977570M	Permanent closure of private highway rail grade crossing to vehicular traffic.

In addition to the Supplemental Safety Measures (SSM's) to be installed, additional improvements (Non SSM's) will be made:

CROSSING NUMBER	USDOT CROSSING INVENTORY ID	PROPOSED NON SSM INSTALLATION	
1	096202N	 Installation of fixed and removable bollards. Installation of 6-ft chain link fence (City of Seattle Standard Plan 450a, Type 6 and 450c). MUTCD Section 8 advance warning signage and pavement markings. 	
3	096197U	 Installation of 6-ft chain link perimeter fence (City of Seattle Standard Plan 450a, Type 6 and 450c). MUTCD Section 8 advance warning signage and pavement markings. 	
5	977571U	 Installation of 6-ft chain link fence and gate (City of Seattle Standard Plan 450a, Type 6 and 450c). MUTCD Section 8 advance warning signage and pavement markings. 	
6	096193S	 MUTCD Section 8 advance warning signage and pavement markings at the crossing. MUTCD Section 8 advance warning signage on either approach to the crossing along W Marginal Way. Installation of W10-9/W10-9P "No Train Horn" sign 	
7	096192K	 MUTCD Section 8 advance warning signage and pavement markings at the crossing. MUTCD Section 8 advance warning signage on either approach to the crossing along W Marginal Way. Installation of W10-9/W10-9P "No Train Horn" sign 	

These improvements have been coordinated during diagnostic site reviews with representatives from BNSF, FRA, Port of Seattle, Northwest Seaport Alliance and Seattle Department of Transportation on November 16, 2017, November 11, 2019, and August 17, 2021.

The City will not be installing any Alternative Safety Measures (ASM's) at any of the crossings within the quiet zone.

49 CFR 222.43(b)(2)(iv) - POINT OF CONTACT

QUIET ZONE NAME:

Terminal 5 Quiet Zone

CONTACT NAME:

Treysea M. Tate

CONTACT TITLE:

Associate Civil Engineer, Rail

ORGANIZATION:

City of Seattle, Department of Transportation

ADDRESS:

P.O. Box 34996

Seattle, WA 98124-4996

PHONE:

206-684-8163

EMAIL:

Treysea.Tate@seattle.gov

49 CFR 222.43(b)(2)(v) - PARTIES TO RECEIVE NOTICE OF INTENT

The following parties will receive this Notice of Intent in accordance with 49 CFR 22.43(a)(1):

1. Railroads operating over the highway-rail at-grade crossings

Stephen Semenick Manager of Public Projects BNSF Railway Company 44 S Hanford Street, Building C Seattle, WA 98134

2. State agencies responsible for highway and road safety and State agency responsible for at-grade crossing safety

Amanda Maxwell
Executive Director and Secretary
WA Utilities and Transportation
Commission
621 Woodland Square Loop SE
PO Box 47250
Olympia, WA 98504-7250

Connie Raezer WSDOT Railroad Liaison 310 Maple Park Avenue SE, 2B PO Box/Mailstop 47329 Olympia, WA 98504-7329

Mike Turcott
Transportation Planning Specialist
WA Utilities and Transportation Commission
621 Woodland Square Loop SE
PO Box 47250
Olympia, WA 98504-7250

3. Federal Railroad Administration

Karl Alexy
Associate Administrator for Railroad Safety
Federal Railroad Administration
Mail Stop 25
1200 New Jersey Avenue SE
Washington, DC 20590

Jeffrey P. Stewart Region 8 Grade Crossing Inspector Federal Railroad Administration 500 E. Broadway, Suite 240 Vancouver, WA 98660

49 CFR 222.43(b)(3)(ii) – ACTION DURING 60-DAY COMMENT PERIOD

Parties receiving a copy of this Notice of Intent for the proposed Terminal 5 Quiet Zone may submit information about the above noted quiet zone to the City of Seattle during the 60-day period after the date on which the Notice of Intent was mailed.

The 60-day comment period will terminate when the City of Seattle obtains written comments or written statements that there are no comments from all parties receiving this Notice of Intent.

Attached for your convenience is a comment form to facilitate your response. Please forward all comments and concerns on the provided form to: Treysea Tate, Associate Civil Engineer, Rail, Seattle Department of Transportation.

Sincerely,

Sam Zimbabwe

Director

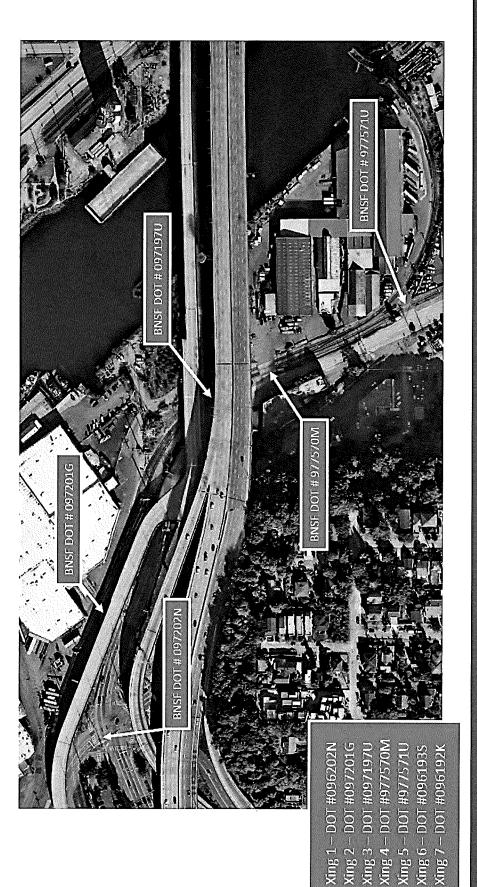
City of Seattle Department of Transportation

Enclosure:

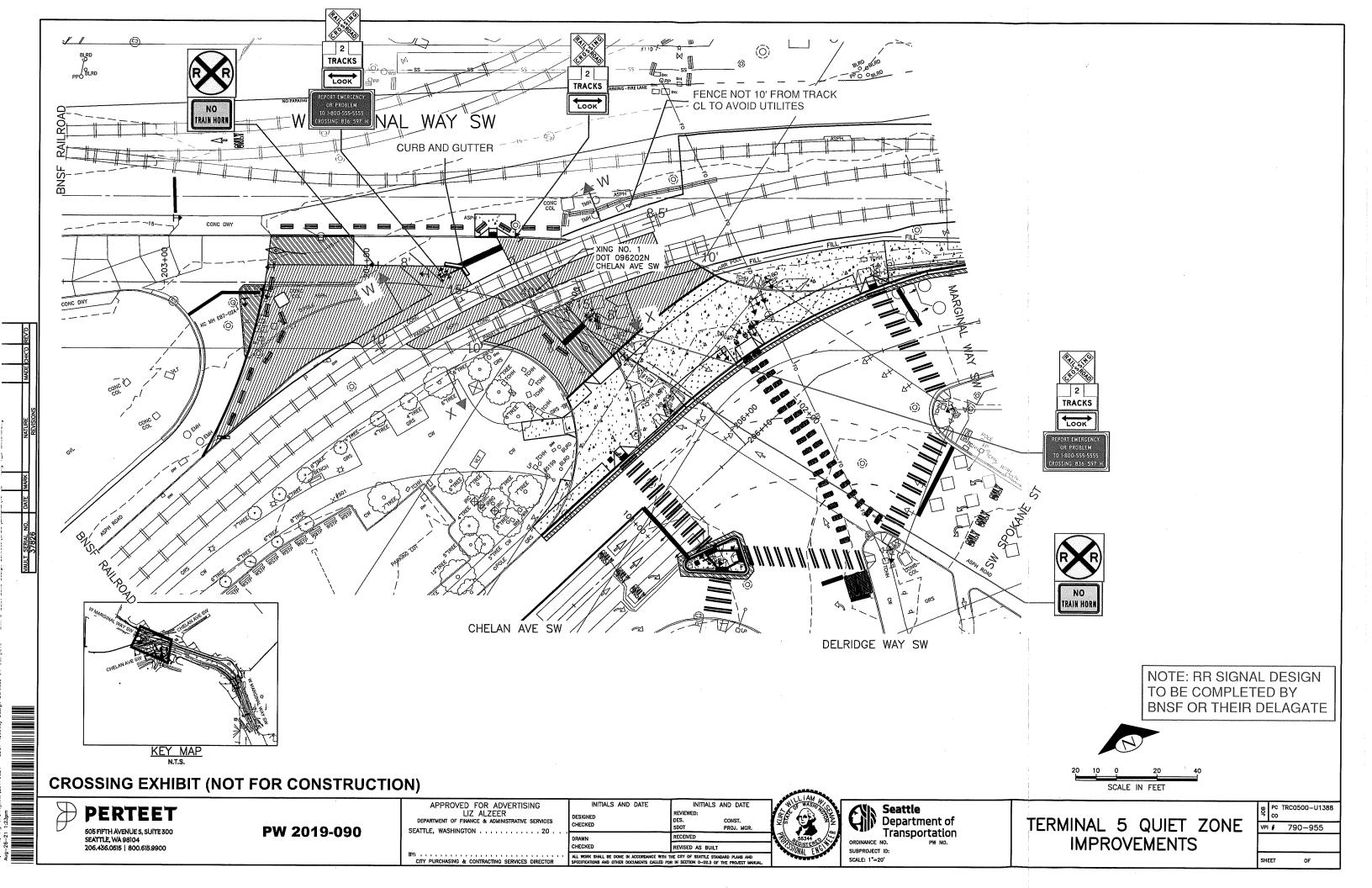
Notice of Intent Response Form

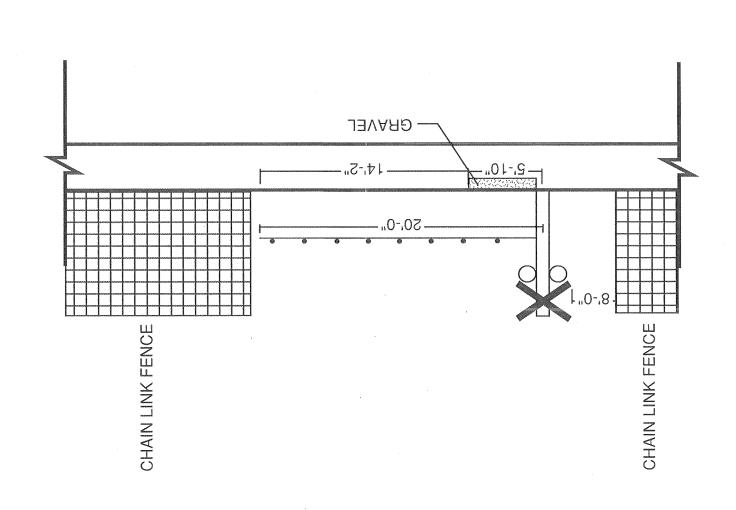
Terminal 5 Quiet Zone At-Grade Crossing Exhibits and plan sheets

Enclosure	
Date:	
Return to:	Treysea M. Tate, Associate Civil Engineer, Rail City of Seattle, Department of Transportation P.O. Box 34996 Seattle, WA 98124-4996
SUBJECT:	Terminal 5 Quiet Zone Notice of Intent to Establish a Railroad Quiet Zone by Public Authority Designation Title 49 Code of Federal Regulations 222.39 (a) (1)
We have rece	eived your Notice of Intent dated November 15, 2021, and offer the following:
No Com	nment Comment
Signature	
From: (Please	e Print)
Name	
Organization	
Address	
City, State, Zi	p Code



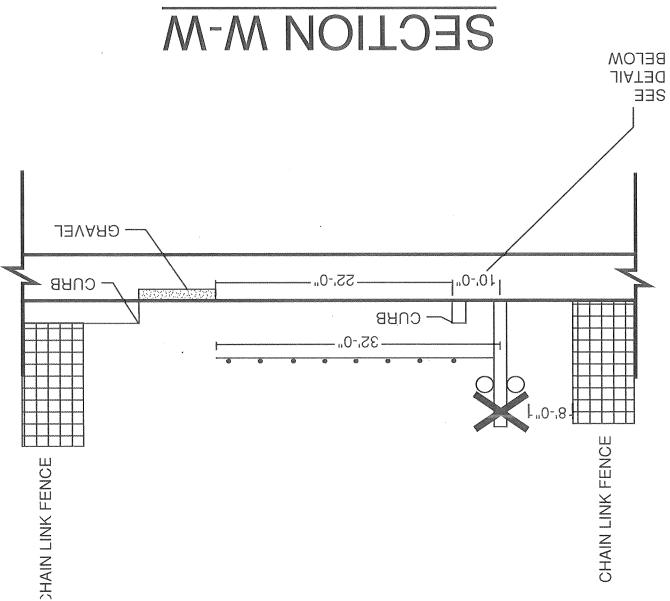




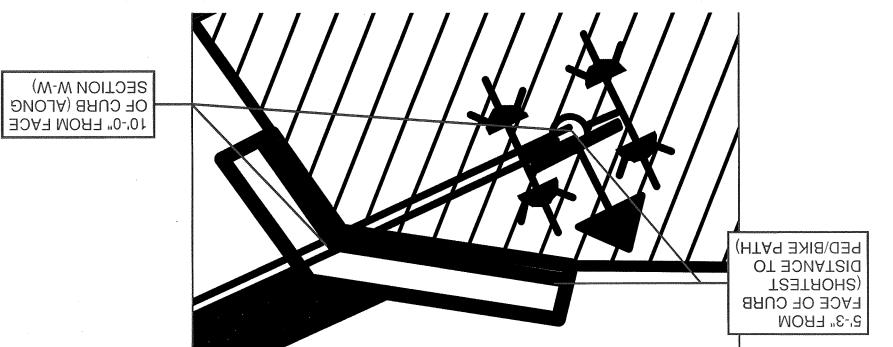


SECTION X-X

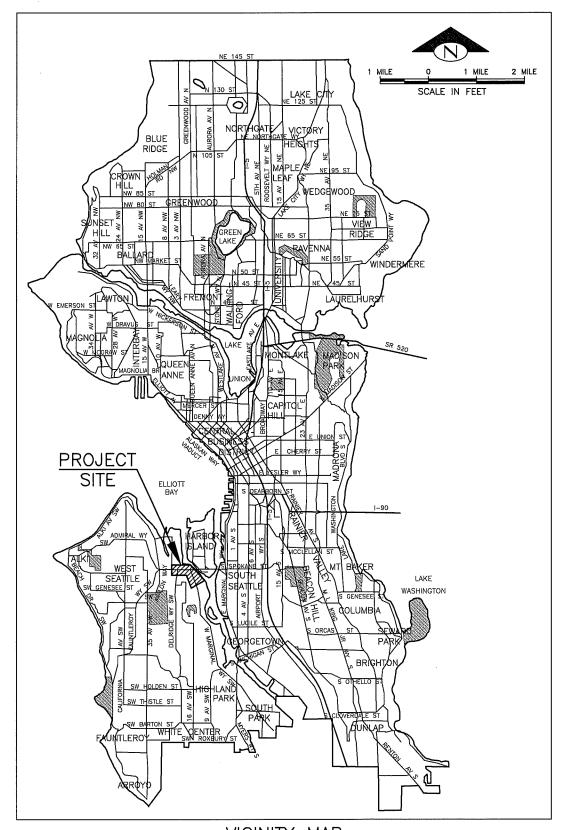
FACING SOUTHEAST NTS



FACING NORTHWEST NTS



NOTE: RR SIGNAL DESIGN TO BE COMPLETED BY BUSF OR THEIR DELAGATE



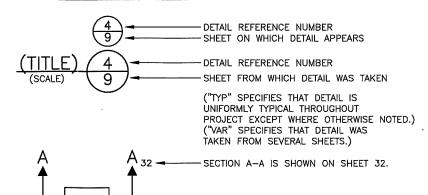
SCALE IN FEET **PROJECT** SW SPOKANE ST SW DAKOTA ST SW IDAHO ST

PROJECT LOCATION MAP

SHEET INDEX

SHEET DESCRIPTION COVER SENERAL NOTES SURVEY CONTROL PLAN (PROVIDED BY SPU) ALIGNMENT PLAN	
SURVEY CONTROL PLAN (PROVIDED BY SPU)	
SURVEY CONTROL PLAN (PROVIDED BY SPU)	
NIGNMENT PLAN	
EDITORITE I DAT	
RIGHT OF WAY PLAN	
SITE PREPARATION PLAN	
DRAINAGE PLAN	
TYPICAL SECTIONS	
PAVING PLAN	
PAVING DETAILS	
GATE PLAN AND DETAILS	
CURB RAMP PLAN	
SIGNAL PLAN, DETAILS, AND WIRE TERMINATIONS	
MISCELLANEOUS CONDUIT PLAN	
CHANNELIZATION AND SIGNING PLAN	
SIGNING DETAILS	
CHANNELIZATION DETAILS	
STRUCTURAL GENERAL NOTES	
POLE FOUNDATION PLAN	

DETAIL AND SECTION REFERENCING





SECTION A-A 30 - SECTION A-A IS TAKEN FROM SHEET 30.

VICINITY MAP

100% SUBMITTAL (NOT FOR CONSTRUCTION)

505 FIFTH AVENUES, SUITE 300 SEATTLE, WA 98104 206.436.0515 | 800.615.9900

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

INITIALS AND DATE INITIALS AND DATE REVIEWED: 8/20/21 8/20/21 CHECKED MRH 8/20/21 8/20/21 REVISED AS BUILT ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR SI SECTION 0-02.3 OF THE PROJECT MAN

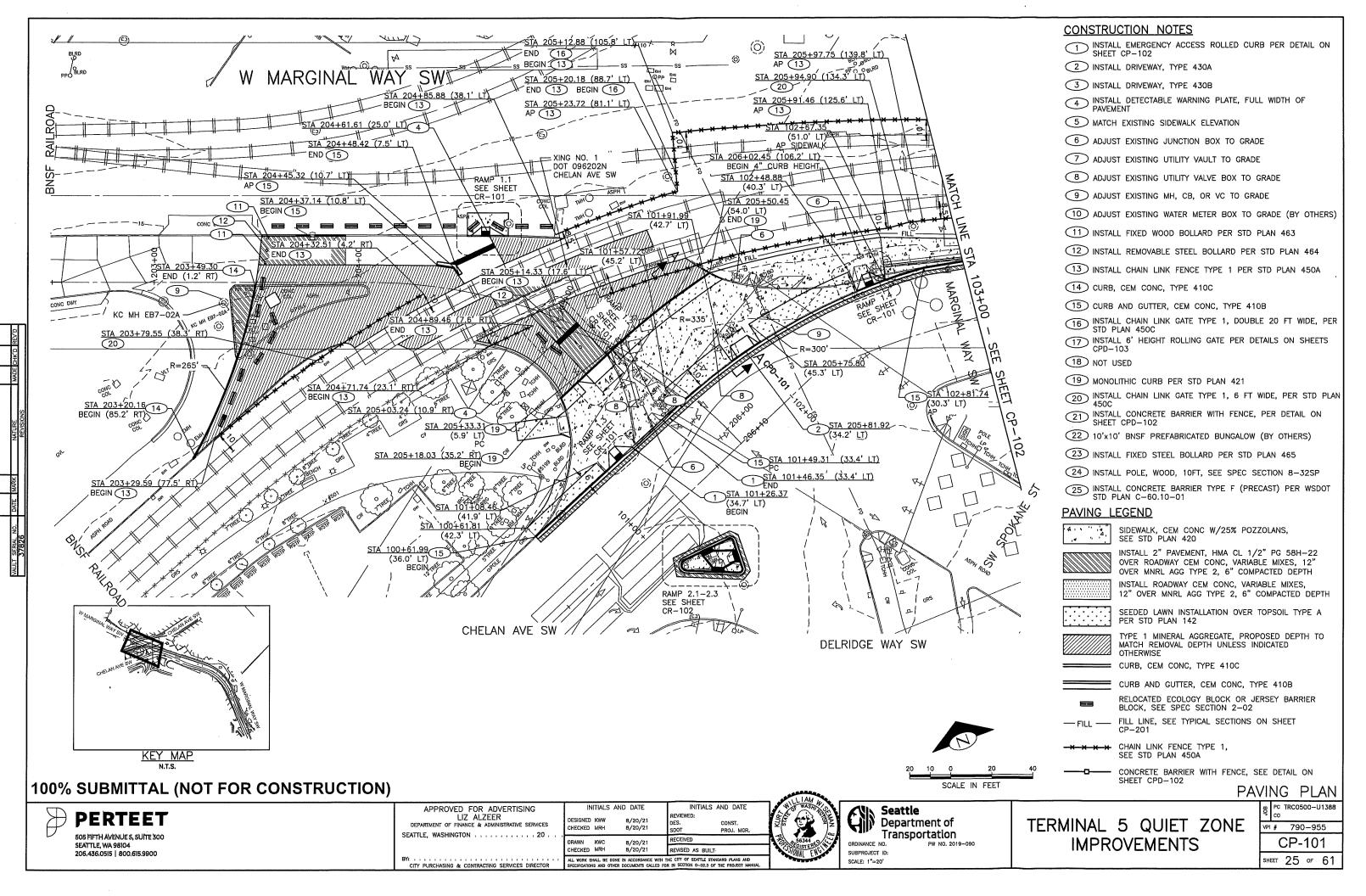




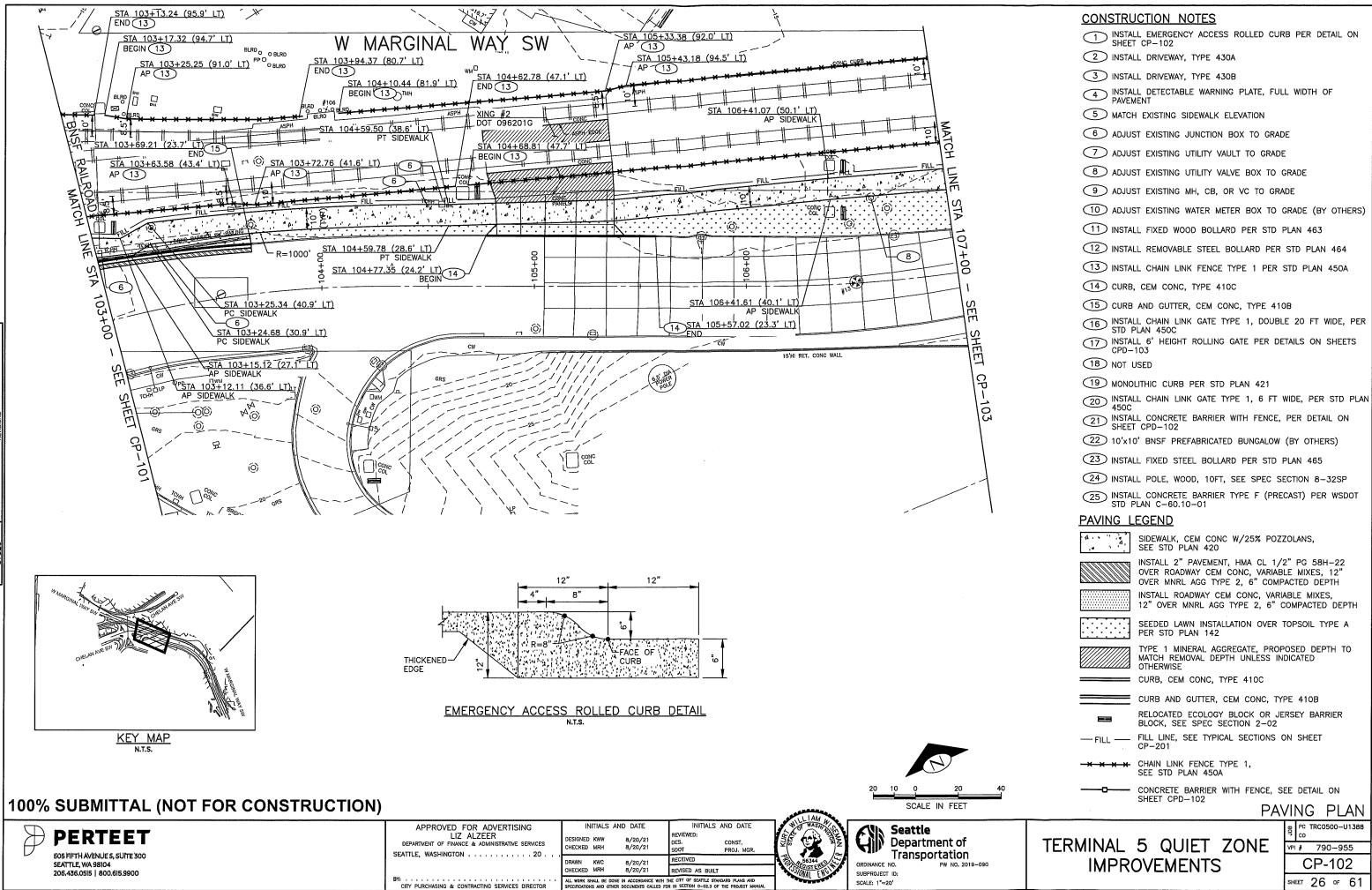
TERMINAL 5 QUIET ZONE **IMPROVEMENTS**

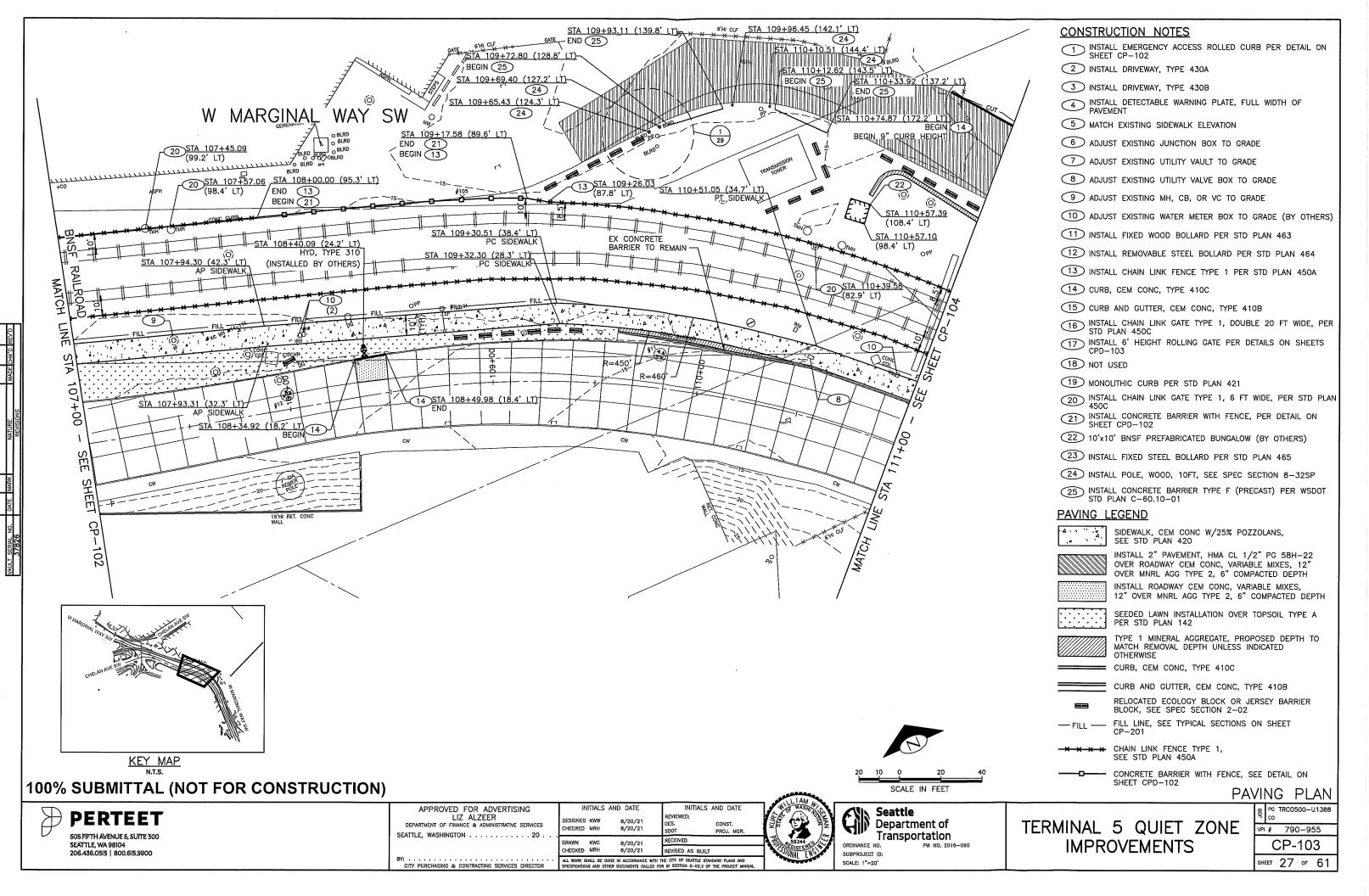
COVER m PC TRC0500-U1388 VPI # 790-955

G-001 SHEET 1 OF 61

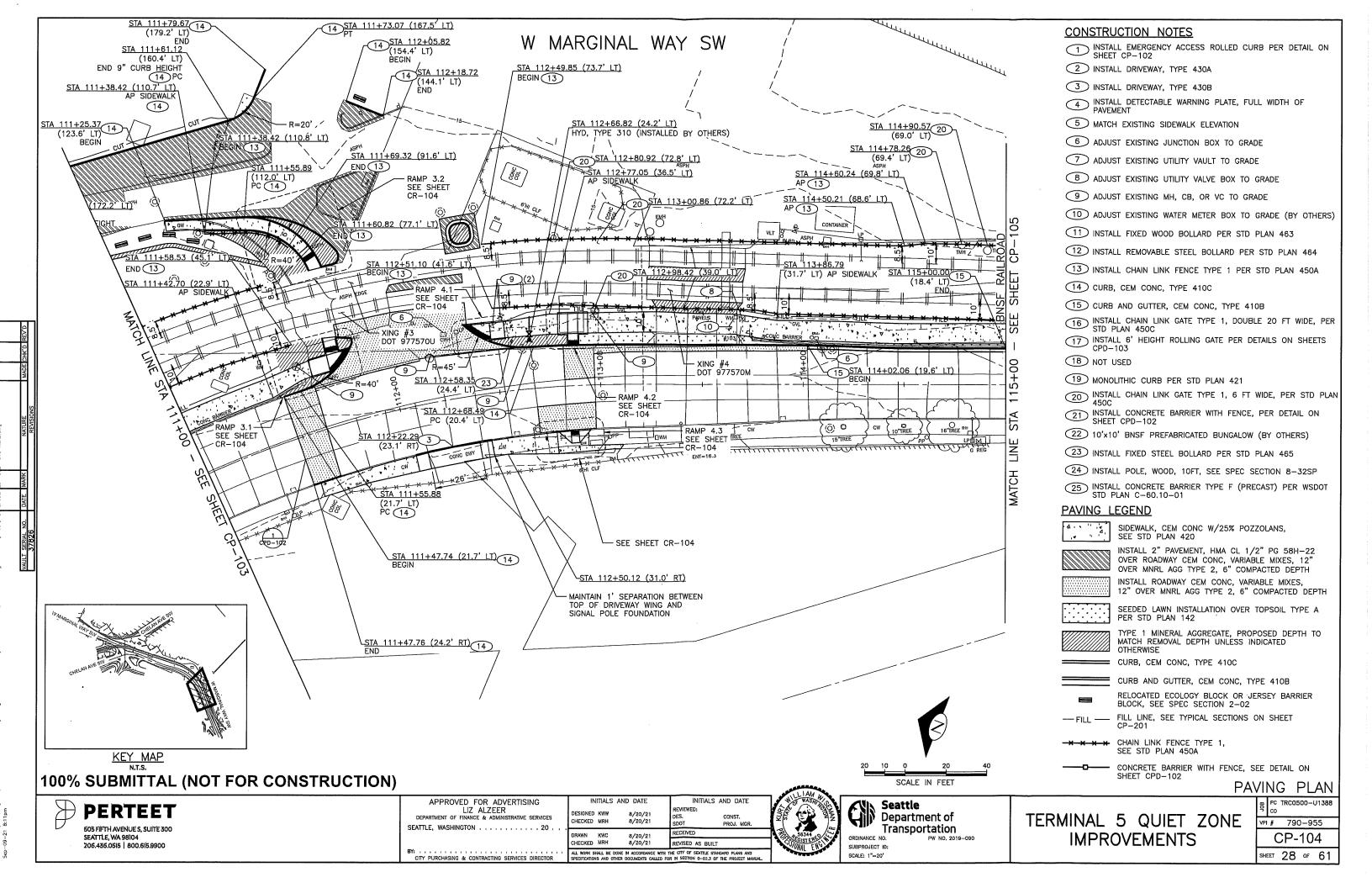


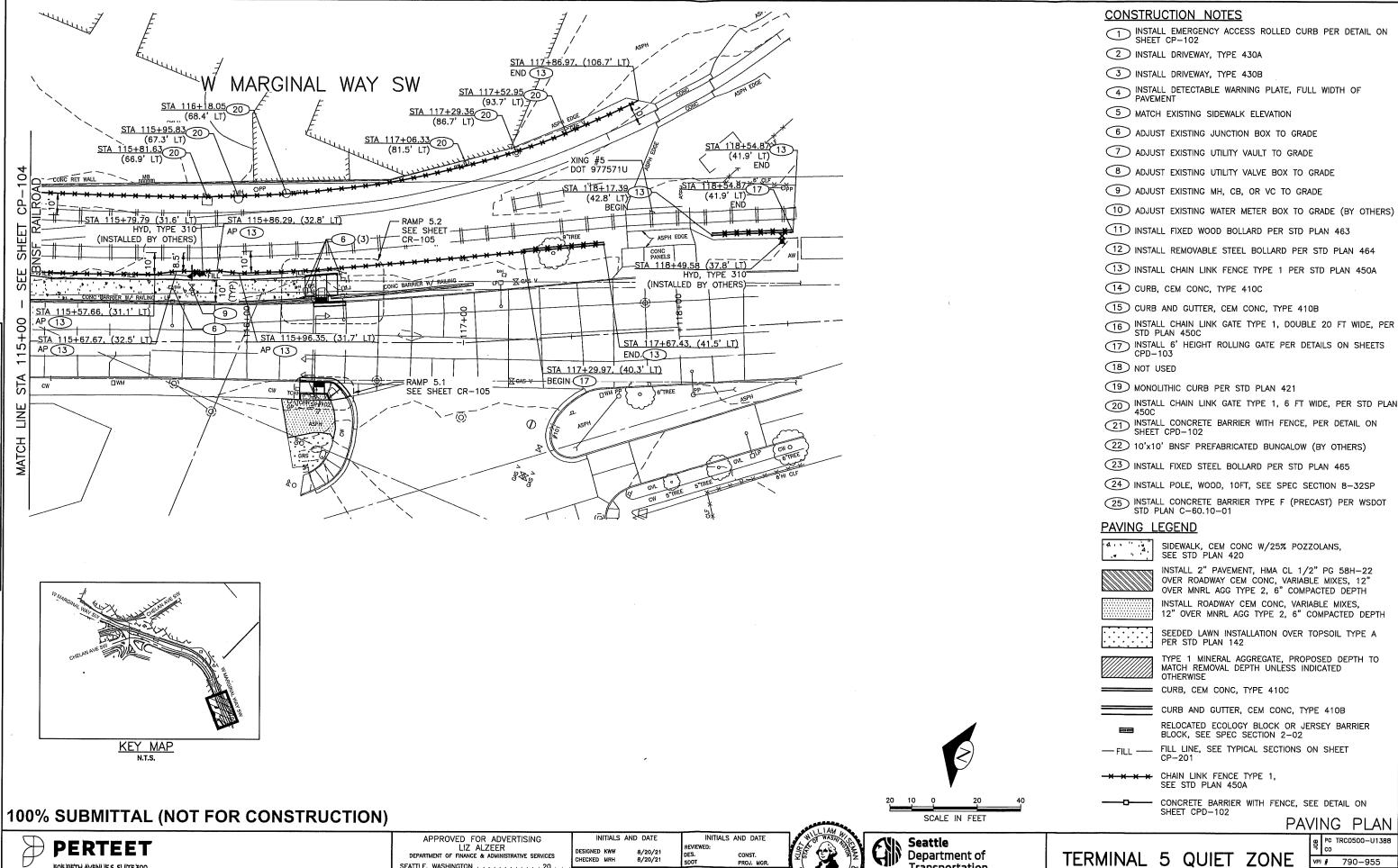
Sep-09-21 8:08pm





sep=09=21 8:10pm





TERMINAL 5 QUIET ZONE

PC TRC0500-U1388 VPI # 790-955

PAVING PLAN

CP-105 SHEET 29 OF 61

505 FIFTH AVENUES, SUITE 300 SEATTLE, WA 98104 206.436.0515 | 800.615.9900

SEATTLE, WASHINGTON , , , , , , , , , , , 20 ,

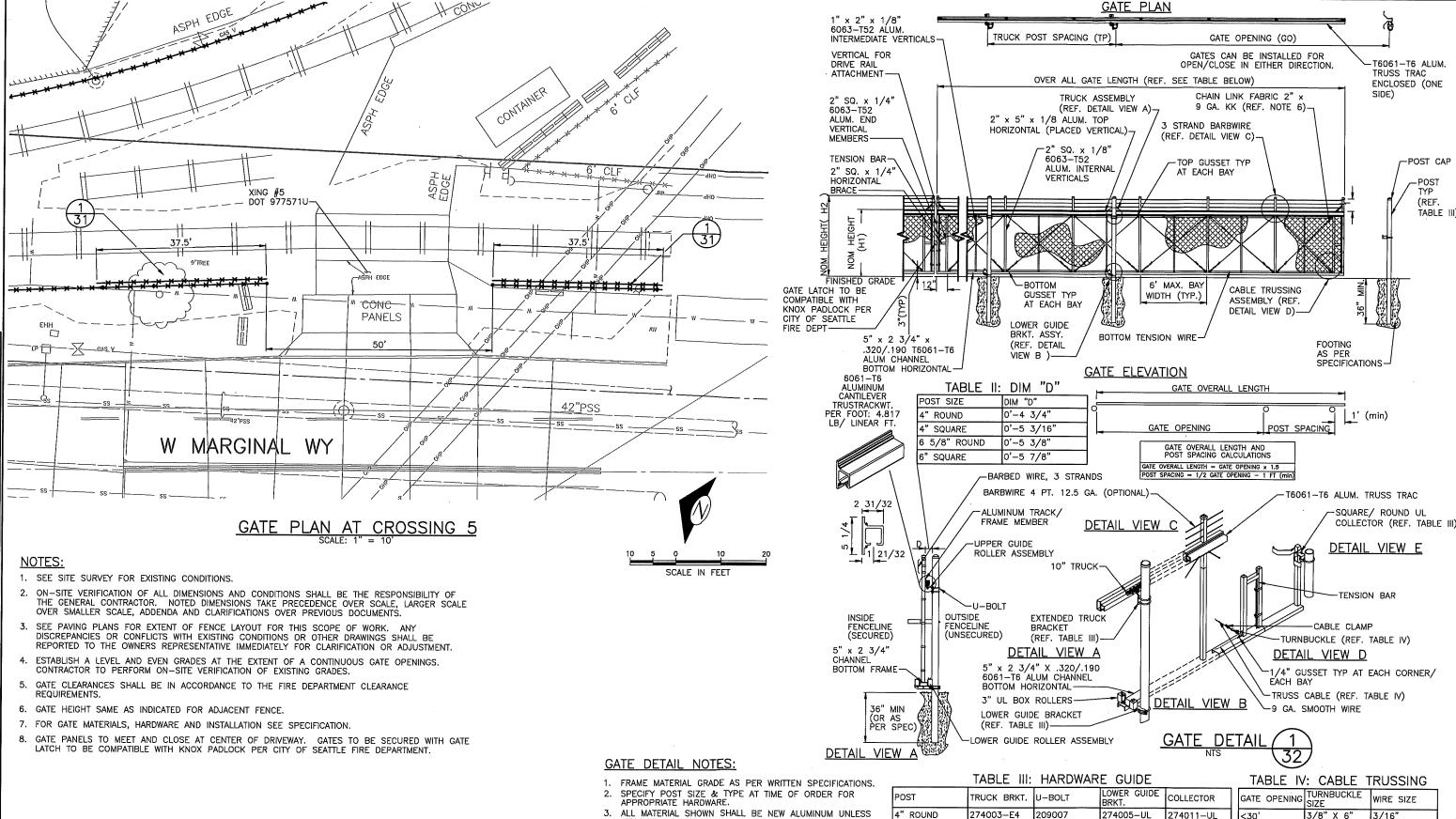
RECEIVED DRAWN KWC CHECKED MRH 8/20/21 8/20/21 REVISED AS BUILT



Transportation SUBPROJECT ID:

SCALE: 1"=20"

IMPROVEMENTS



100% SUBMITTAL

PERTEET 505 FIFTH AVENUES, SUITE 300 SEATTLE, WA 98104 206.436.0515 | 800.615.9900



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

ESIGNED WW 09/10/21 09/10/21 DRAWN LT CHECKED KK 09/10/21 09/10/21

OTHERWISE NOTED.

INITIALS AND DATE INITIALS AND DATE 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 9-02.3 OF THE PROJECT MAN

2" x 9 GA. GALVANIZED CHAINLINK FABRIC TO COVER THE ENTIRE LENGTH OF GATE. OPTIONAL FILLER MATERIALS AVAILABLE UPON REQUEST.

POST	TRUCK BRKT.	U-BOLT	LOWER GUIDE BRKT.	COLLECTOR	GATE OPENING TURNBUCKLE WIRE SIZE
4" ROUND	274003-E4	209007	274005-UL	274011UL	<30' 3/8" X 6" 3/16"
4" SQUARE	274003-E4	209007-SQ	274005-UL	274011-UL	>30' 1/2" X 6" 1/4"
6 5/8" ROUND	274003-E6	209008	274005-6	274011-UL	
6" SQUARE	274003-E6	209008-SQ	274005-6	274011-UL	GATE PLAN AND DETAILS

TERMINAL 5 QUIET ZONE

PC TRC0500-U1388 VPI # 790-955 **CPD-103** SHEET 32 OF 61

Seattle Department of Transportation

SUBPROJECT ID:

SCALE: AS NOTED

IMPROVEMENTS

