



Pierce County
Planning & Public Works

2702 South 42nd Street, Suite 109
Tacoma, Washington 98409-7315
piercescountywa.gov/ppw

Jen Tetatzin, PE, PMP — Director

September 23, 2022

Kathy Hunter, Director of Transportation Safety
Transportation Safety Washington Utilities and Transportation Commission
1300 South Evergreen Park Drive SW
PO Box 47250
Olympia, WA 98504-7250

Subject: **Petition for 192 Street East Construct Grade Separation 2022-0614**

Dear Ms. Hunter:

Please find attached a completed Petition form requesting a construct grade separation with an existing rail line located on 192 Street East in Pierce County. The existing rail line is owned by Tacoma Rail. Contact information for the rail company has been provide on the Petition.

If you have any questions or concerns regarding the enclosed Petition, please contact Brian A. Churchill, P.E. at (253) 798-2259 or me at (253) 798-2159.

Sincerely,

Melissa McFadden

Digitally signed by Melissa
McFadden
Date: 2022.09.29 12:55:19 -07'00'

Melissa McFadden, P.E.
County Engineer

BAC
Enclosure

cc: Jeff Kidston, Pierce County Planning and Public Works
Steve Winter, Pierce County Planning and Public Works
Traffic File



WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

Pierce County

Petitioner,

vs.

Tacoma Rail

Respondent

DOCKET NO. TR- _____

PETITION TO CONSTRUCT OR RECONSTRUCT A RAILROAD-HIGHWAY GRADE SEPARATION (OVERCROSSING OR UNDERCROSSING)

USDOT CROSSING NO.: 932-825F

The Petitioner asks the Washington Utilities and Transportation Commission (UTC) to approve

Construction Reconstruction

of a railroad-highway grade separation (overcrossing or undercrossing¹) as described in this petition. [RCW 81.53.060](#).

Section 1 – Petitioner’s Information

Pierce County
Petitioner
Melissa McFadden <small>Digitally signed by Melissa McFadden Date: 2022.09.29 12:58:49 -07'00'</small>
Signature
2702 South 42nd Street, Suite 109
Street Address
Tacoma, WA 98409
City, State and Zip Code
Mailing Address, if different than the street address
Melissa McFadden, P.E.
Contact Person Name
253-798-2159 melissa.mcfadden@piercecountywa.gov
Contact Phone Number and Email

¹ An overcrossing means any point or place where a highway crosses a railroad by passing above the same, or any point or place where one railroad crosses another railroad not at grade. An undercrossing means any point or place where a highway crosses a railroad by passing under the same, or any point or place where one railroad crosses another not at grade. *RCW 81.53.010*

Section 2 – Respondent's Information

Tacoma Rail

Respondent

2601 SR 509 North Frontage Road

Street Address

Tacoma, WA 98421

City, State and Zip Code

Mailing Address, if different than the street address

Kyle Kellem

Contact Person Name

253-377-3554 kkellem@cityoftacoma.org

Contact Phone Number and Email

Section 3 – Proposed Crossing Location

1. Name of highway/roadway: 192nd Street East

2. USDOT number (reconstruction only): 932-825F

3. GPS location: W122deg, 21', 01.13", N47deg, 04', 55.18"

4. Railroad mile post (nearest tenth): MP 14.02M

5. City: Unincorporated - Frederickson community County: Pierce County

Section 4 – Current Highway Traffic Information

1. Name of highway: **not a highway, 192nd St E**

2. Road authority: **Pierce County**

3. Average annual daily traffic (AADT): **6,900 daily trips on the PM peak hour**

4. Number of lanes: **3**

5. Roadway speed: **Design speed 40 mph, 35 mph posted (TBD)**

6. Is the crossing part of an established truck route? Yes No

7. If so, trucks are what percent of total daily traffic? **12%**

8. Is the crossing part of an established school bus route? Yes No

9. If so, how many school buses travel over the crossing each day? **N/A**

Section 5 – Railroad Information

1. Name of railroad(s) operating at crossing: **Tacoma Rail**

2. Type of railroad at crossing: Common Carrier Logging Industrial
 Passenger Excursion

5. Type of tracks at crossing: Main Line Siding or Spur

6. Number of tracks at crossing: **1**

7. Average daily train traffic, freight: **2**

 Authorized freight train speed: **10 MPH** Operated freight train speed: **10 MPH**

8. Average daily train traffic, passenger: **N/A**

 Authorized passenger train speed: **N/A** Operated passenger train speed: **N/A**

Section 6 – Description of Crossing Construction/Reconstruction

1. Describe in detail the public safety need and reasons for constructing or reconstructing a grade separation at this location (attach additional information sheets to petition as needed):

The project is proposing to connect 192nd Street East (a Pierce County public road) across the development for the following reasons: to provide access to four proposed future buildings, to provide a secondary access to Boeing (secondary access relocated from 176th/ 63rd Ave to 192nd Street E), and to provide access from east to west across the development. Currently, 192nd Street East does not connect between Canyon Road E and 70th Ave E. The extension of 192nd Street E through the site is a required traffic mitigation measure (required by Pierce County) to receive occupancy of future buildings. A secondary access to Boeing is required as part of the land purchase agreement. The developer will construct the extension of 192nd Street E to Pierce County public roadway standards. A separated-grade crossing is proposed to improve public safety and pedestrian access (versus an at-grade crossing). It also minimizes off-site grading impacts to the adjacent properties and provides for a flatter roadway slope for truck and passenger vehicle traffic.

2. How far is the nearest alternate access across the tracks from the crossing?

The northern alternate access across the tracks is approximately 0.80 acres north at Canyon Road East between the intersections of 184th St E and Frederickson Industrial Park Road. The southern alternate access across the tracks is approximately 0.85 acres south at 204th Street E and Knoble Road E. Both of these existing crossings are at-grade.

3. Describe the alternate access route, including distance and driving time:

Currently, 192nd Street East does not connect between Canyon Road E and 70th Ave E. The project is proposing to construct 192nd Street East across the development to provide access from east to west. This extension of 192nd Street East cuts down travel distance and driving time. There are two alternative routes that have been studied: coming from the north and coming from the south. The north route would take 176th Street E (heading east) to 78th Ave E (heading south) to get to the east side of the development. The south route would take 78th Ave E (heading north) to 204th Street E (heading west), at the at-grade rail crossing to get to the west side of the development. The proposed crossing would reduce the north route by 1.9 miles and the south route by 1.2 miles, for a reduction of approximately 3-5 minutes per route.

4. If new construction, will the proposed crossing eliminate the need for one or more existing crossings?

Yes No N/A

5. If so, identify the crossing(s) by USDOT number and state the distance and direction from the proposed crossing.

N/A

6. If the grade separation is replacing an existing at-grade crossing, describe what will happen with the existing crossing during construction of the grade separation, as well as what will happen with the crossing surface, signage, and signal equipment once the grade separation is complete.

N/A

7. Who is responsible for long-term maintenance of the grade separation?

Rail bridge and abutments - Tacoma Rail

Roadway below bridge including abutment graffiti - Pierce County

Section 7 – Illustration of Grade Separated Crossing

Attach a diagram, design drawing, map, or other illustration showing the location of the railroad and the proposed/existing location of the crossing. Include the parcels of private property located on both sides of the proposed crossing for a distance of 500' from the crossing and the name and mailing address of each property owner.


If this is a reconstruction, include design-level drawings of the proposed changes to the existing grade separation.

Section 8 – Cost Apportionment

If the commission approves the construction or reconstruction of the grade separated crossing requested in this petition, it will apportion costs in accordance with the applicable statutes. (RCW 81.53.130).

In the alternative, if the parties to this petition have reached an agreement related to apportionment of costs, please sign here to confirm:

Petitioner Signature: _____

Respondent Signature:  _____

Section 9 – Waiver of Hearing by Respondent

Waiver of Hearing

The undersigned represents the Respondent in this petition to construct or reconstruct a highway-rail grade separation.

We have investigated the conditions at the crossing. We are satisfied the conditions are the same as described by the Petitioner in this docket. We do not oppose the construction or reconstruction of the grade-separated crossing and consent to a decision by the commission without a hearing.

Dated at , Washington, on the 10 day of

Printed name of Respondent



Signature of Respondent's Representative

Title

Phone Number

Email

Mailing Address

Checklist prior to submitting petition:

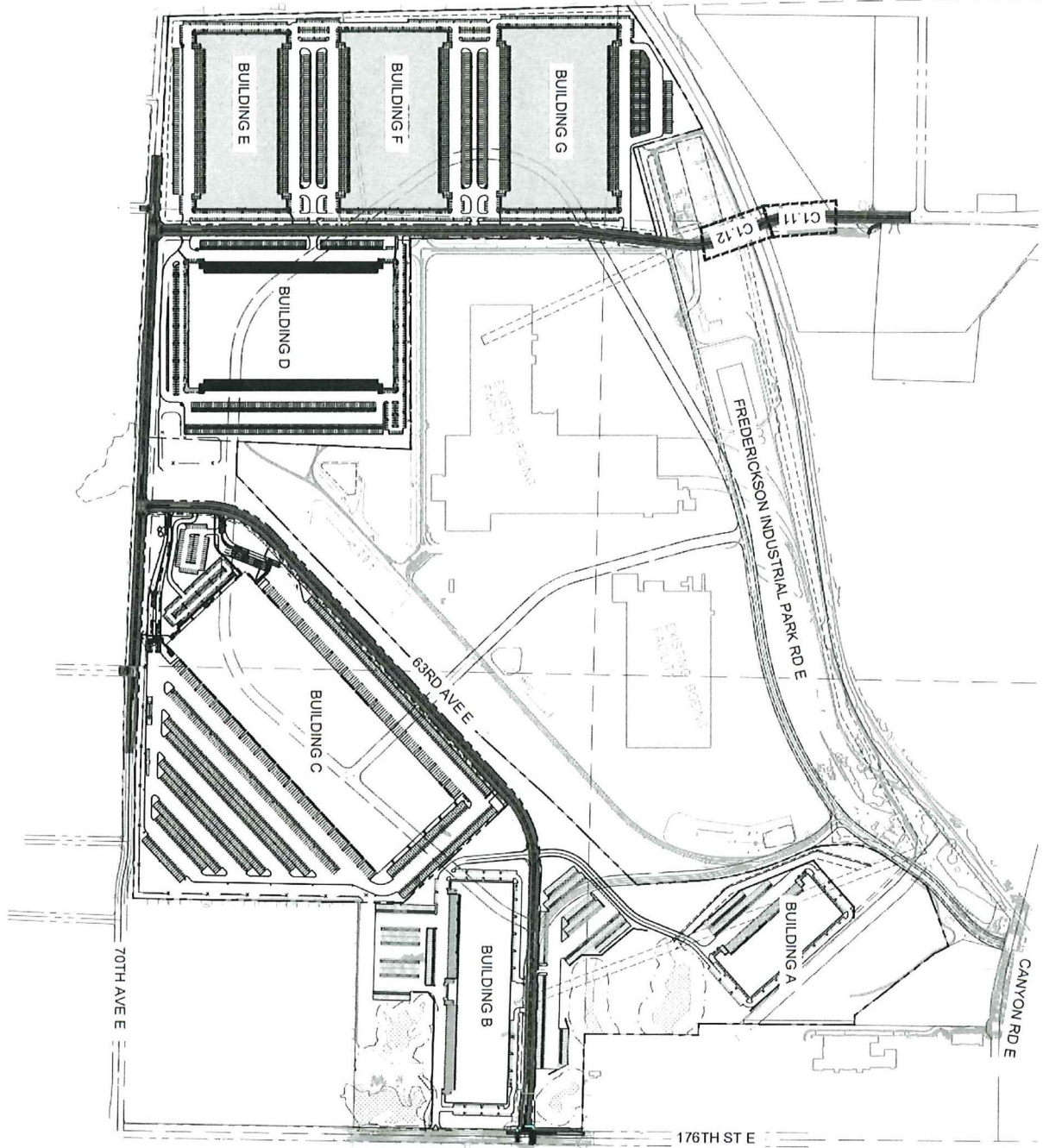
- ✓ Ensure all petition fields are completed.
- ✓ Ensure parties sign Section 8 regarding any Cost Apportionment agreement, if applicable.
- ✓ Obtain signature on Waiver of Hearing (Section 9). *If respondent fails to sign Waiver, advise UTC staff upon submission.*
- ✓ Attach copies of:
 - Illustration of crossing (described in Section 7).
 - Any other relevant documents to support the petition, including but not limited to support of public need, project information, etc.

Submitting the petition: To officially file the petition, send the petition form and supporting documents to records@utc.wa.gov.

Questions: For questions, please contact:

<p>Mike Turcott Transportation Planning Specialist mike.turcott@utc.wa.gov (360) 764-0572</p>	<p>Betty Young Rail Safety Program Advisor betty.young@utc.wa.gov (360) 292-5470</p>
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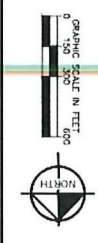
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- LEGEND**
- - - - - EXISTING EASEMENT
 - EXISTING WATER LINE
 - EXISTING SEWER PIPE
 - EXISTING STORM PIPE
 - EXISTING SANITARY PIPE
 - PROPERTY LINE
 - PROPOSED WATER AND STORM PIPE
 - PROPOSED SEWER STRUCTURES
 - PROPOSED STORM STRUCTURES
 - PROPOSED ROADWAY LIGHTING
 - LANDSCAPE SETBACK
 - PROPOSED ASPHALT ROADWAY
 - PROPOSED CONCRETE SIDEWALK

PLAN & PROFILE NOTES

1. ALL CONCRETE AND PIPE UTILITIES SHOWN UNLESS NOTED OTHERWISE WITH TYPE III DISTRIBUTION, LOCATING HEIGHT OF 40" WITH 1/2" JUMP AND TYPICAL. ALL PLAN & PROFILE SHEETS.



PUBLIC IMPROVEMENTS

ITEM NO.	DESCRIPTION	DATE

FRED310
 PREPARED FOR
CH REALTY IX-JVI
TACOMA FRED310, L.P.
 PIERCE COUNTY WASHINGTON

OVERALL ROADWAY PLAN

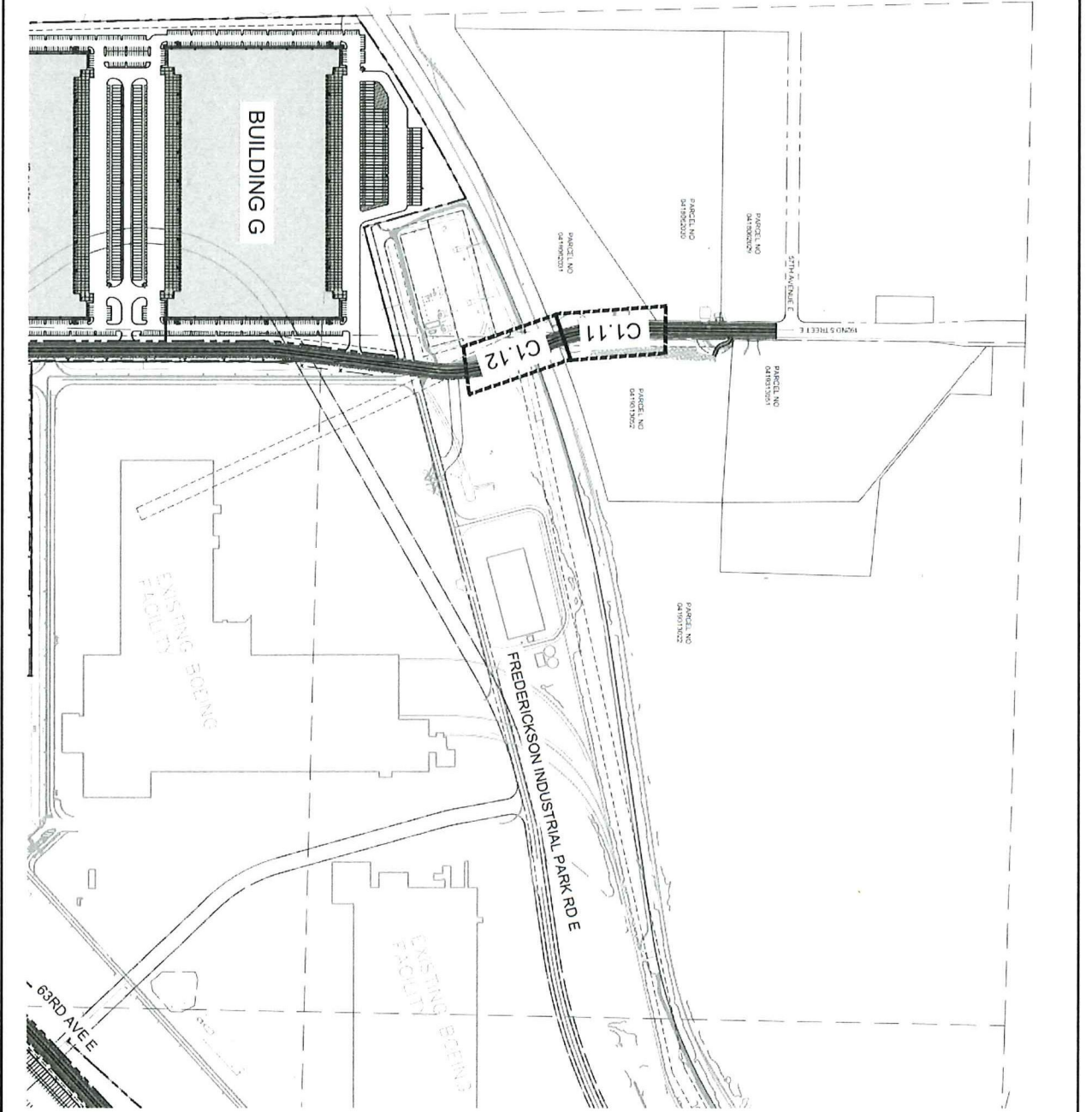
KHA PROJECT 090036000
 DATE 06/14/22
 SCALE AS SHOWN
 DESIGNED BY CRM
 DRAWN BY KB
 CHECKED BY CM

LICENSED PROFESSIONAL LIC PROF 1
 STATE LICENSE NUMBER LIC PROF 1 #
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No.	REVISIONS	DATE	BY

DRAWING NUMBER
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- LEGEND**
- EXISTING EASEMENT
 - EXISTING INTERIOR LINE
 - EXISTING STORM PIPE
 - EXISTING SANITARY PIPE
 - PROPERTY LINE
 - PROPOSED WETLAND STORM PIPE
 - PROPOSED STORM STRUCTURES
 - LANDSCAPE STRIP/LAND
 - PROPOSED ASPHALT ROADWAY
 - PROPOSED CONCRETE SIDEWALK

PLAN & PROFILE NOTES

1. THIS DRAWING IS FOR THE RAIL CROSSING SECTION OF THE FUTURE WITH SPECIFIC DISTRIBUTION AND/OR OF 40' WITH 12' WAST ASH (TYPICAL). ALL PLAN & PROFILE SHEETS.

PUBLIC IMPROVEMENTS		PROJECT
COUNTY	SUBAREA	DATE
PIERCE COUNTY	FRED310	
1. PREPARED BY: CH REALTY IX-JVI	2. CHECKED BY: KB	3. DATE: 06/14/22
4. PROJECT NO: 0900360000	5. SHEET NO: 545-K10	6. TOTAL SHEETS: 10

FRED310
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CH REALTY IX-JVI
TACOMA FRED310, L.P.
 PIERCE COUNTY WASHINGTON

192ND ST E RAIL CROSSING

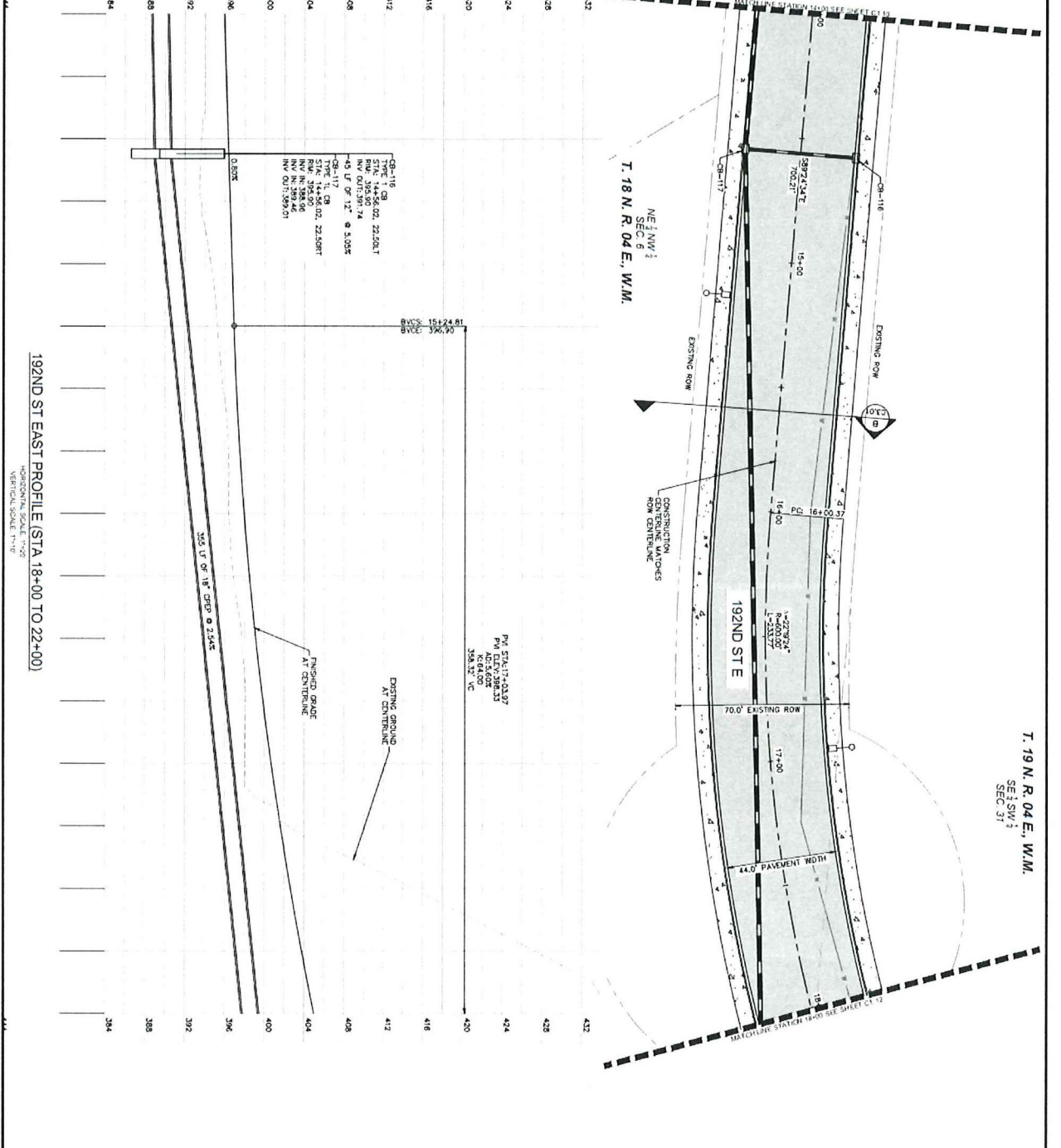
KHA PROJECT 0900360000
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 CHECKED BY CM

LICENSED PROFESSIONAL LIC PROF 1
 STATE LICENSE NUMBER LIC PROF 1 #

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T. 19 N. R. 04 E., W.M.
SE 1/4 SW 1
SEC. 31

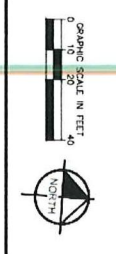
T. 18 N. R. 04 E., W.M.
NE 1/4 NW 1
SEC. 6

192ND ST EAST PROFILE (STA 18+00 TO 22+00)
HORIZONTAL SCALE 1"=20'
VERTICAL SCALE 1"=8'

PUBLIC IMPROVEMENTS

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE APPLICABLE AGENCIES AND SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY INSURANCE COVERAGE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE APPLICABLE AGENCIES AND SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY INSURANCE COVERAGE.

- LEGEND**
- EXISTING EASEMENT
 - EXISTING WATER LINE
 - EXISTING STORM PIPE
 - EXISTING SANITARY PIPE
 - PROPERTY LINE
 - PROPOSED WATER PIPE
 - PROPOSED SANITARY PIPE
 - PROPOSED STORM PIPE
 - PROPOSED ASPHALT ROADWAY
 - PROPOSED CONCRETE SIDEWALK



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PLAN AND PROFILE
192ND ST E

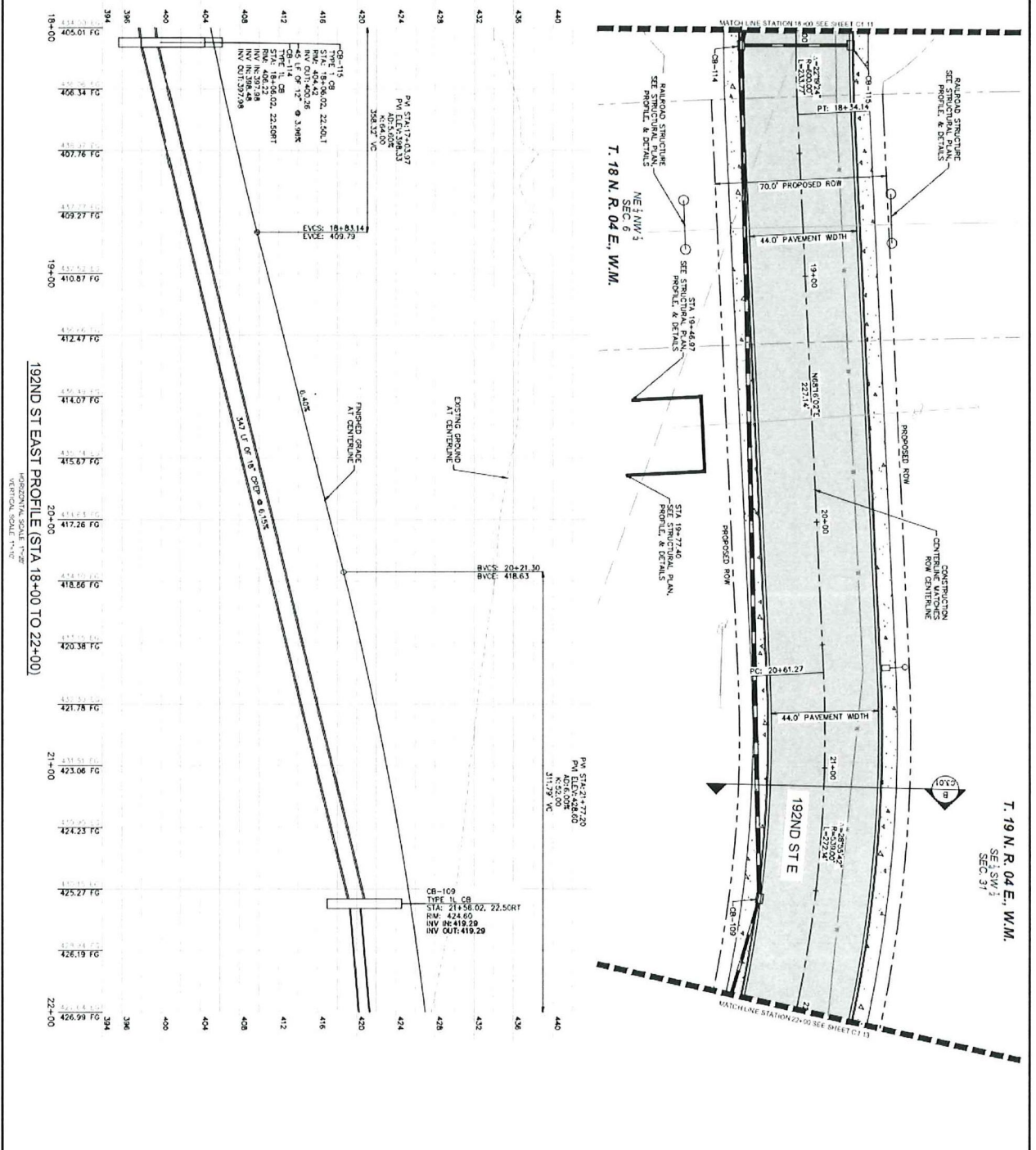
KHA PROJECT	090036000
DATE	06/10/22
SCALE	AS SHOWN
DESIGNED BY	CRM
DRAWN BY	KB
CHECKED BY	CM

LICENSED PROFESSIONAL
LIC PROF 1
STATE LICENSE NUMBER
LIC PROF 1 #

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NO.	REVISIONS	DATE	BY



LEGEND

- EXISTING EXHIBENT
- EXISTING WATER LINE
- EXISTING STORM PIPE
- PROPOSED WATER LINE
- PROPOSED SANITARY SINKER PIPE
- PROPOSED STORM PIPE
- PROPOSED STORM STRUCTURES
- LANDSCAPE RETRAK
- PROPOSED ASPHALT ROADWAY
- PROPOSED CONCRETE SIDEWALK

PUBLIC IMPROVEMENTS

T. 19 N. R. 04 E., W.M.
 SEC. 31
 SW 1/4

T. 18 N. R. 04 E., W.M.
 SEC. 6

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PLAN AND PROFILE
192ND ST E

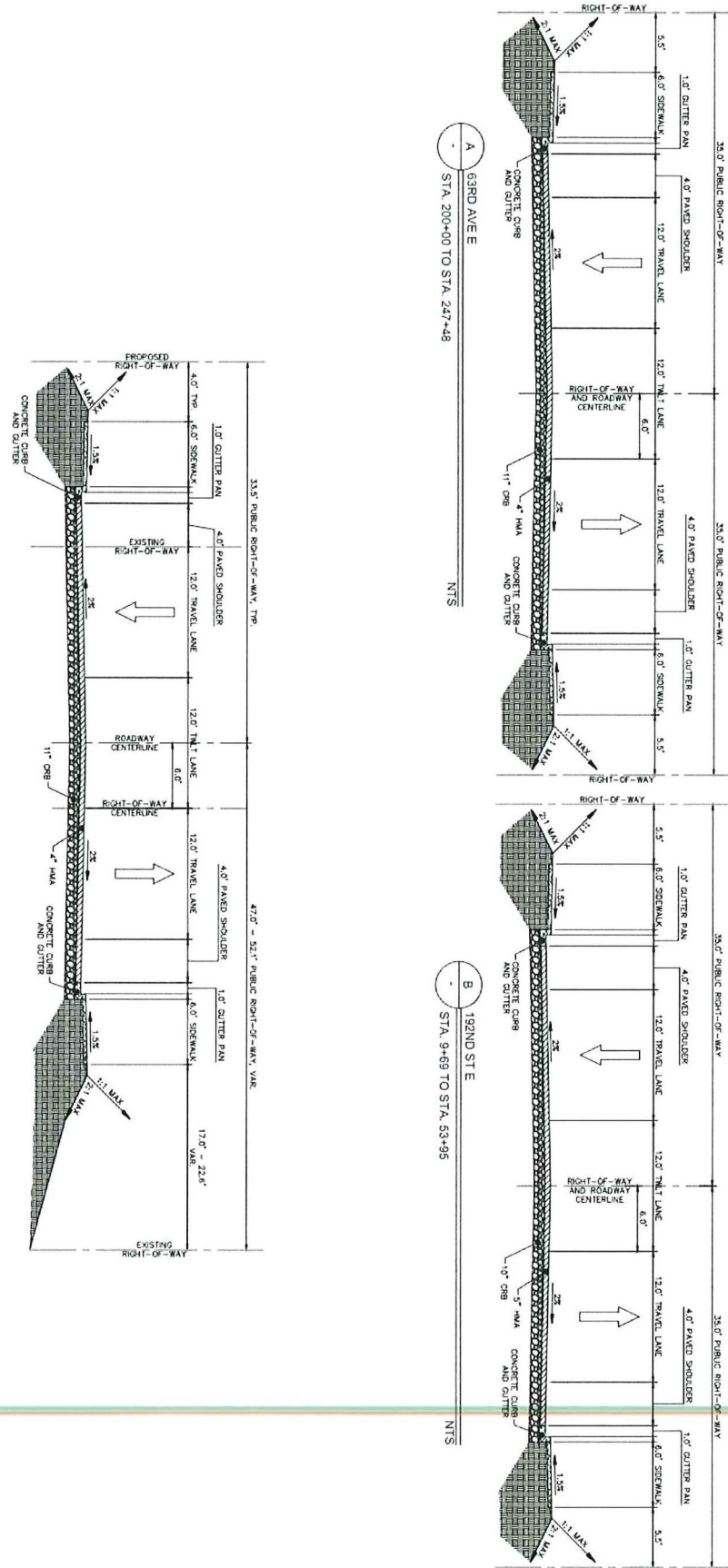
KHA PROJECT 090036000
 DATE 06/10/22
 SCALE AS SHOWN
 DESIGNED BY CKM
 DRAWN BY KB
 CHECKED BY CM

LICENSED PROFESSIONAL
 UC PROF 1
 STATE LICENSE NUMBER
 LIC PROF 1 #

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GRAPHIC SCALE IN FEET
 0 10 20
 0 10 20
 0 10 20



PUBLIC IMPROVEMENTS

CITY/TOWN: _____ STATE: _____

PROJECT NAME/REFERENCE NUMBER: _____

PROJECT LOCATION: _____

DATE: _____

SCALE: _____

DESIGNED BY: _____

DRAWN BY: _____

CHECKED BY: _____

DATE: _____

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TACOMA FRED310, L.P.

PIERCE COUNTY WASHINGTON

ROADWAY SECTIONS

65-1793

KHA PROJECT
 090035000

DATE
 06/09/22

SCALE AS SHOWN

DESIGNED BY
 CRM

DRAWN BY
 KB

CHECKED BY
 CM

DATE

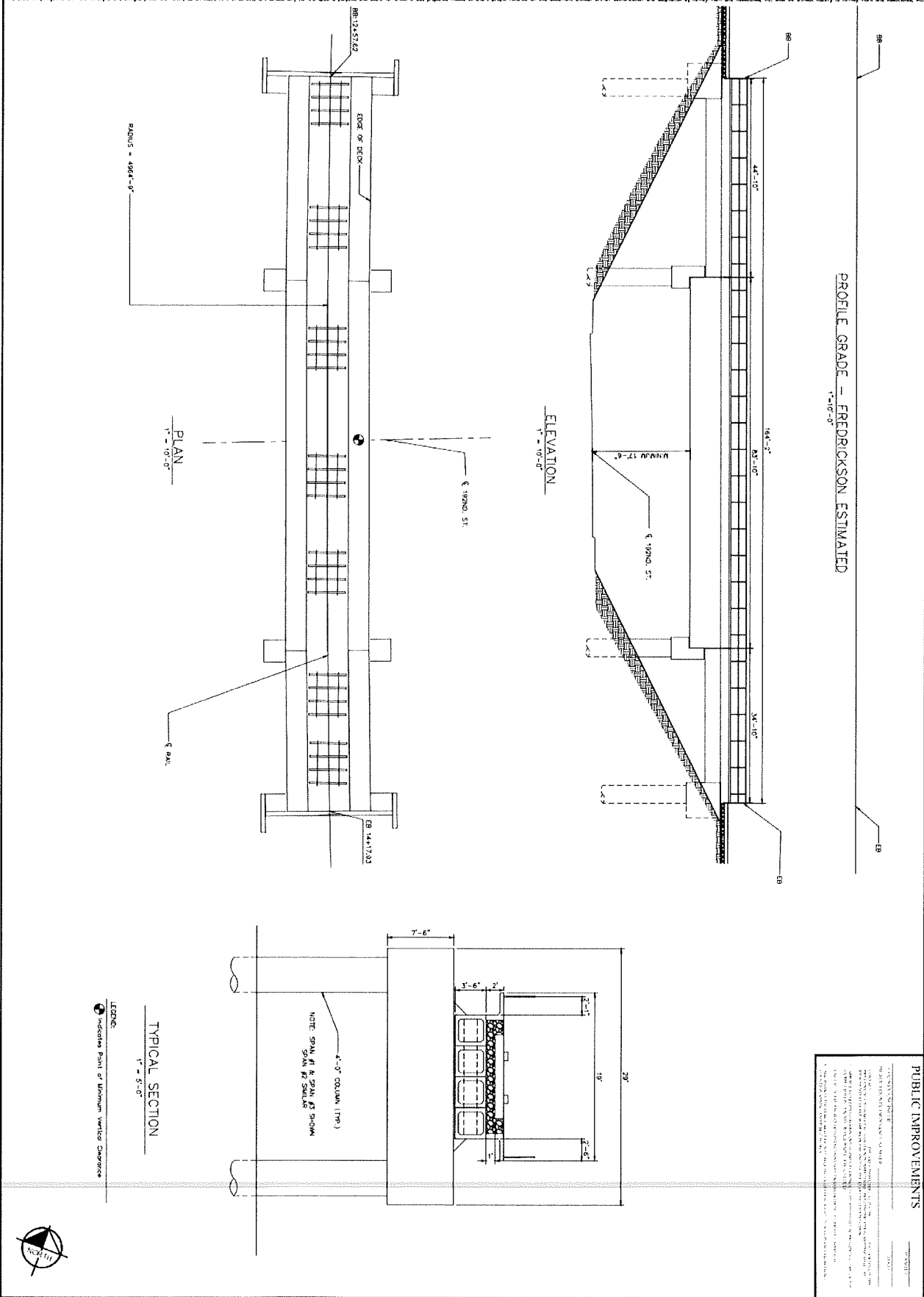
LICENSING PROFESSIONAL
 LIC PROF 1

STATE LICENSE NUMBER
 LIC PROF 1 #

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No	REVISIONS	DATE	BY



PROFILE GRADE - FREDRICKSON ESTIMATED
1"=10'-0"

PLAN
1"=10'-0"

ELEVATION
1"=10'-0"

TYPICAL SECTION
1"=5'-0"

LEGEND:
● Indicates Point of Minimum Vertical Clearance



PUBLIC IMPROVEMENTS

PROJECT: FREDRICKSON BRIDGE

DATE: 06/28/22

SCALE: AS SHOWN

DESIGNED BY: GRM

CHECKED BY: CM

DATE: 06/28/22

LIC PRO F 1

STATE LICENSE NUMBER: LIC PROF 1 #

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DYNAMIC NUMBER ST-01	FRED310 PREPARED FOR CH REALTY IX-JVI TACOMA FRED310, L.P. PIERCE COUNTY WASHINGTON	STRUCTURAL PLAN, PROFILE, & DETAILS	KHA PROJECT 090056000 DATE 06/28/22 SCALE AS SHOWN DESIGNED BY GRM CHECKED BY CM DATE 06/28/22	LICENSED PROFESSIONAL LIC PRO F 1 STATE LICENSE NUMBER LIC PROF 1 #	Kimley»Horn © 2022 KIMLEY-HORN AND ASSOCIATES, INC.	No. REVISIONS DATE BY
	No. REVISIONS DATE BY					