



WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

King County Parks

Petitioner,

vs.

Burlington Northern Santa Fe (BNSF)

Respondent

DOCKET NO. TR-

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

USDOT CROSSING NO.: 982895G

By filing this petition with the Washington Utilities and Transportation Commission (UTC), the Petitioner alleges that public safety requires the construction of a highway-rail grade separated crossing (overcrossing or undercrossing) under RCW 81.53.060.

Section 1 – Petitioner’s Information

King County Parks

Petitioner

DocuSigned by:

[Signature]

Signature 0912A67339D244E...

201 S Jackson St #6500

Street Address

Seattle, WA 98104

City, State and Zip Code

Mailing Address, if different than the street address

Linda Frkuska

Contact Person Name

206-477-4484 Linda.Frkuska@kingcounty.gov

Contact Phone Number and Email

<sup>1</sup> 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***

Burlington Northern Santa Fe (BNSF)	
Respondent	
1310 W 11th St	
Street Address	
Vancouver, WA 98660	
City, State and Zip Code	
Mailing Address, if different than the street address	
Kyle Leatham	
Contact Person Name	
(425) 210-8084	kyle.leatham@bnsf.com
Contact Phone Number and Email	

***Section 3 – Proposed Crossing Location***

1. Name of highway/roadway:	N/A. King County Parks and BNSF property.	
2. USDOT number:	N/A	
3. GPS location:	47.347306, -122.019739	
4. Railroad mile post (nearest tenth):	89.8	
5. City:	Maple Valley	County: King County

**Section 4 – Current Highway Traffic Information**

1. Name of highway:

2. Road authority:

3. Average annual daily traffic (AADT):

4. Number of lanes:

Trail

5. ~~Roadway~~ speed:

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

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

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?

**Section 5 – Railroad Information**

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

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:

7. Average daily train traffic, freight:   
 Authorized freight train speed:       Operated freight train speed:

8. Average daily train traffic, passenger:   
 Authorized passenger train speed:       Operated passenger train speed:

**Section 6 – Description of Crossing Construction/Reconstruction**

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

King County Parks is building a segment of the Green to Cedars Trail which will ultimately connect the Cedar River Trail and the Green River Trail. This helps achieve King County's Comprehensive Plan including Appendix C2, Regional Trail Needs Report. A grade separation is the only feasible option for the trail project given that the rail tracks are in a steep cut section below the King County Parks trail property. The proposed bridge is anticipated to be safer than an at grade trail crossing of the railroad would be (though at grade is infeasible).

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

Less than 100 feet

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

SR-169, a State Highway without a trail or sidewalk. Approximately 2,700 feet out of direction trail if compare the proposed trail crossing location with starting from the proposed trail crossing location, walking back to SE 280th Street, then walking on the shoulder of SR-169 bridge crossing over the BNSF railroad.

4. 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.

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. There is no crossing today.

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

King County Parks

***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.

***Section 8 – Cost Apportionment***

If the commission approves the construction 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 – Respondent's Review**

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

USDOT Crossing No.:

We have investigated the conditions at the proposed crossing site. We are satisfied the conditions are the same as described by the Petitioner. We consent to a decision by the commission based on a review of the documents filed in this docket.

Dated at , Washington, on the  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 Respondent's Review (Section 9). *If the respondent fails to sign this section, 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 via [E filing](#) per [\(RCW 480-07-140\)](#).

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**Questions:** For questions, please contact:

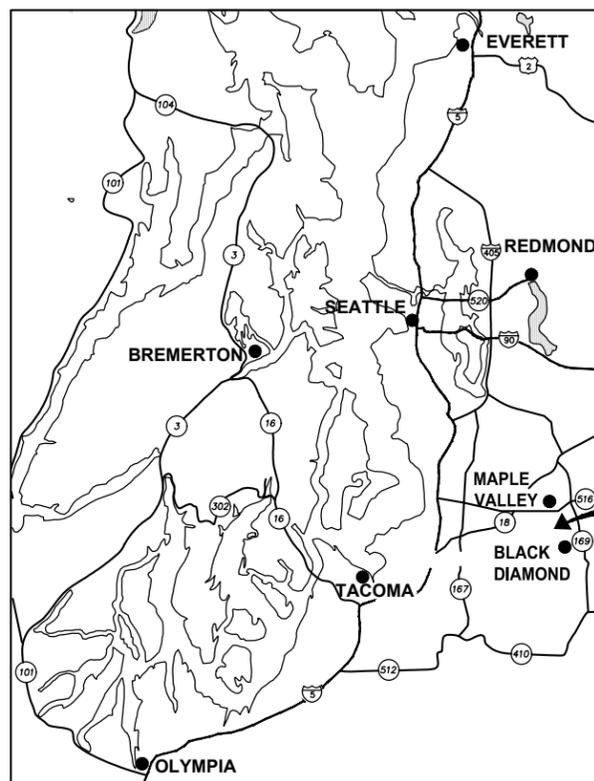
<p><b>Mike Turcott</b> Transportation Planning Specialist <a href="mailto:mike.turcott@utc.wa.gov">mike.turcott@utc.wa.gov</a> (360) 764-0572</p>	<p><b>Tyler Whitcomb</b> Transportation Planning Specialist <a href="mailto:tyler.whitcomb@utc.wa.gov">tyler.whitcomb@utc.wa.gov</a> (564) 669-0943</p>
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# GREEN TO CEDAR RIVERS TRAIL

## SOUTH INTERIM SEGMENT A

### SE KENT KANGLEY RD TO BLACK DIAMOND OPEN SPACE

### KING COUNTY, WASHINGTON



**LOCATION MAP**  
NOT TO SCALE



**VICINITY MAP**  
1" = 2000'

SHT NO.	DWG NO.	SHEET TITLE
<b>GENERAL</b>		
1	G1	COVER AND INDEX
2	G2	LEGEND AND ABBREVIATIONS
<b>SITE PREPARATION</b>		
7-17-12	SP-6 SP1-SP44	SITE PREPARATION PLANS
<b>TYPICAL SECTIONS</b>		
18-20-19-20	CS2-CS3 CS4-CS3	TYPICAL CROSS SECTIONS
<b>TRAIL AND DRAINAGE PLANS</b>		
20-41-30-32	C11-C12 C1-C22	TRAIL PLAN AND PROFILE
<b>GRADING</b>		
43-48-49-50	GR7-GR8 GR1-GR6	GRADING PLANS
<b>STORM DRAINAGE DETAILS</b>		
49-50-52	SD1-SD2	STORM DRAINAGE DETAILS

SHT NO.	DWG NO.	SHEET TITLE
<b>STRUCTURAL</b>		
70	S1	BRIDGE PLAN AND ELEVATION
71	S2	STRUCTURAL NOTES AND PROFILE
72	S3	TYPICAL SECTION AND DETAILS
73	S4	BRIDGE FOUNDATION LAYOUT
74	S5	DRILLED SHAFT DETAILS
75	S6	PIER 1 AND 2 PLAN AND ELEVATION
76	S7	PIER DETAILS
77	S8	SEW WALL DETAILS
78	S9	BRIDGE APPROACH SLAB DETAILS
79	S10	BRIDGE RAILING DETAILS
80	S11	EXPANSION JOINT DETAILS
81	S12	BEARING DETAILS
82	S13	BAR LIST 1 OF 2
83	S14	BAR LIST 2 OF 2

THE PROJECT AREA IS LOCATED IN BOTH THE CITY OF MAPLE VALLEY AND UNINCORPORATED KING COUNTY, WASHINGTON.

SECTION 3, TOWNSHIP 21 NORTH, RANGE 06 EAST  
SECTION 27, TOWNSHIP 22 NORTH, RANGE 06 EAST  
SECTION 34, TOWNSHIP 22 NORTH, RANGE 06 EAST

UNINCORPORATED KING COUNTY PARCELS:	CITY OF MAPLE VALLEY PARCELS:
0321069001	2722069019
85566550820	3422069101
	3422069102
	3422069108
	3422069019
	3422069028

**CONTACT INFORMATION**

APPLICANT: KING COUNTY PARKS AND RECREATION  
201 SOUTH JACKSON STREET, ROOM 5702 SEATTLE, WA 98104  
ATTN: LINDA FRKUSKA (206)477-4484

ENGINEER: PARAMETRIX, INC.  
719 2ND AVENUE, SUITE 200 SEATTLE, WA 98104  
ATTN: JENNIFER DVORAK, PE (253)604-6750

SURVEYOR: TRUE NORTH LAND SURVEYING COMPANY  
1930 6TH AVENUE SOUTH, SUITE 401 SEATTLE, WA 98194  
(206)332-0800

STRUCTURAL ENGINEER: TRANTECH ENGINEERING, LLC  
365 - 118TH AVENUE SE, SUITE 100 BELLEVUE, WA 98005

EROSION CONTROL AND CSWPP SUPERVISOR CONTACT INFO TO BE PROVIDED AT PRE-CONSTRUCTION MEETING

CATEGORY	EXISTING (MAPLE VALLEY)	PROPOSED (MAPLE VALLEY)	EXISTING (UNINCORPORATED KING COUNTY)	PROPOSED (UNINCORPORATED KING COUNTY)
TOTAL ACRES	5.18 AC	5.18 AC	1.67 AC	1.67 AC
TOTAL GROSS FLOOR AREA	N/A	N/A	N/A	N/A
TOTAL NET FLOOR AREA	N/A	N/A	N/A	N/A
TOTAL PARKING & LOADING SPACES	N/A	N/A	N/A	N/A
TOTAL IMPERVIOUS SURFACES	65,279 SF	122,157 SF	14,736 SF	36,789 SF
ZONING DESIGNATION	MAPLE VALLEY: PARKS, RECREATION, OPEN SPACE (PRO) KING COUNTY: RURAL AREA WITH ONE DWELLING UNIT PER 10 ACRES (RA-10)			
LAND USES	NEARBY LAND USES INCLUDE COMMERCIAL USES, SINGLE-FAMILY RESIDENTIAL, AND PARKLAND, INCLUDING SUMMIT PARK AND BLACK DIAMOND OPEN SPACE.			
TOTAL AREA TO BE CLEARED IN MAPLE VALLEY ACCOUNTS FOR 21% OF TOTAL SITE AREA IN MAPLE VALLEY. TOTAL AREA TO BE CLEARED IN KING COUNTY ACCOUNTS FOR 23% OF THE TOTAL SITE AREA IN KING COUNTY. *TOTAL ACRES = ALL AREAS WITHIN CLEARING AND GRUBBING LIMITS. **TOTAL IMPERVIOUS = ALL GRAVEL, ASPHALT, AND CONCRETE AREAS OF THE TRAIL.				

**UTILITY COMPANY CONTACTS**

COMCAST  
BRENDA CARLBERG, NETWORK PROJECT MANAGER  
410 VALLEY AVE  
PUYALLUP, WA 98371  
253-999-2933  
BRENDA\_FIELDS@COMCAST.COM

PUGET SOUND ENERGY  
10885 NE 4TH ST  
BELLEVUE, WA 98004  
GAS: GLENN HELTO, GLENN.HELTO@PSE.COM, 253-395-6904  
POWER WITHIN MAPLE VALLEY: JASON SCHAEFER, JASON.SCHAEFER@PSE.COM, 425-320-6926  
POWER WITHIN UNINCORPORATED KING COUNTY: JONATHAN PETERS, JONATHAN.PETERS@PSE.COM, 206-573-0763

SOOS CREEK WATER AND SEWER DISTRICT  
NAME TBD  
14616 SE 192ND ST  
RENTON, WA 98058-9420  
PHONE / EMAIL TBD

CITY OF MAPLE VALLEY  
ALL CITY COORDINATION, CONTACT: KYLE HAYS  
425-413-6639  
KYLE.HAYS@MAPLEVALLEYWA.GOV

KING COUNTY  
LAND USE, EROSION, AND OTHER PERMIT INSPECTIONS  
NAMES TBD UNTIL PRE-CONSTRUCTION MEETING  
206-971-9780 (AUTOMATED SYSTEM)

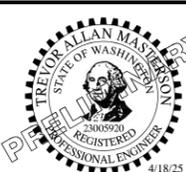
COVINGTON WATER DISTRICT  
AMBER SALAHADIN, DESIGN ENGINEER  
18631 SE 300TH PLACE  
COVINGTON, WA 98042  
253-631-0565  
AMBER.SALAHADIN@COVINGTONWATER.COM

BONNEVILLE POWER ADMINISTRATION  
TRANSMISSION FIELD SERVICES  
TECHNICAL SUPPORT OFFICE  
CARL TYSKA (360) 734-6290 OR MORGAN WIRT (509) 312-9484  
VEGETATION MANAGEMENT DISTRICT NRS, CALL JAKE RINOLDS (425) 328-7138

KING COUNTY ROAD SERVICES DIVISION  
CONTACT: MIKE LOVE  
206-496-3203  
MICHAEL.LOVE@KINGCOUNTY.GOV

**REVISED 100% PLAN SUBMITTAL**

GREEN TO CEDAR RIVERS TRAIL		PROJECT MANAGER: LINDA FRKUSKA, PLA			DESIGN TEAM	
PROJECT #	ISSUED	REV #	REVISION	BY	DATE	ARCH.
214-1521-231	J. DVORAK					N/A
	T. MASTERTSON					DAVID EVANS & ASSOCIATES
	Y. HO					PARAMETRIX
	T. MASTERTSON					PARAMETRIX



**King County**  
Department of Natural Resources and Parks  
Parks and Recreation Division  
Capital Projects Section  
201 S. Jackson St., Suite 5702, Seattle, WA 98104  
John Taylor, Director

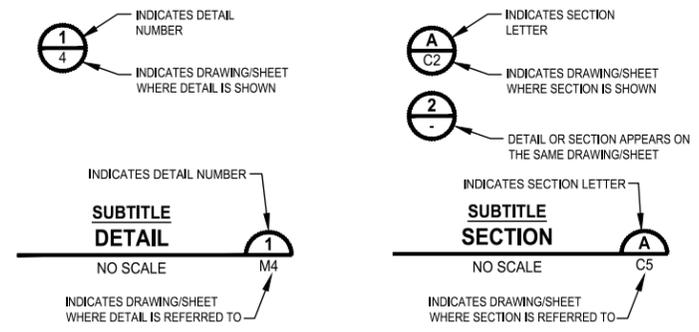
GREEN TO CEDAR RIVERS TRAIL		SOUTH INTERIM SEGMENT A		SE KENT KANGLEY RD TO BLACK DIAMOND OPEN SPACE	
<b>COVER AND INDEX</b>					
<b>G1</b>					

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**LEGEND**

DESCRIPTION	PROPOSED	EXISTING	DESCRIPTION	PROPOSED	DESCRIPTION	PROPOSED	EXISTING	ABBREVIATIONS
ROW LINE	---	---	6-IN HMA CL. 1/2" PG 64-22 OVER 6-IN CSTC	[Pattern]	SWING GATE	[Symbol]	[Symbol]	AVE AVENUE
PROPERTY LINE	---	---	HMA CL. 3/8" PG 64-22	[Pattern]	TRAFFIC SIGNAL POLE W/ LAMP	[Symbol]	[Symbol]	BFR BUFFER
EASEMENT LINE	---	---	INFILTRATION TRENCH	[Pattern]	TRAFFIC SIGNAL POLE	[Symbol]	[Symbol]	BNSF BURLINGTON NORTHERN SANTA FE
TRAIL ALIGNMENT IN VIEWPORTS	---	---	EROSION CONTROL SEED MIX	[Pattern]	TRAFFIC CONTROL LOOP (SQ)	[Symbol]	[Symbol]	BVC BEGIN VERTICAL CURVE
ORDINARY HIGH WATER MARK	---	---	CEMENT CONCRETE	[Pattern]	TRAFFIC CONTROL CABINET	[Symbol]	[Symbol]	CL CENTERLINE
DITCH LINE	---	---	CONSTRUCTION ENTRANCE	[Pattern]	SIGNAL CONTROLLER CABINET	[Symbol]	[Symbol]	CSBC CRUSHED SURFACING BASE COURSE
STORM DRAIN LINE	---	SD	MITIGATION CLEARING LIMITS	MC	PEDESTRIAN POLE	[Symbol]	[Symbol]	CSTC CRUSHED SURFACING TOP COURSE
POWER LINE	---	P	SAWCUT	///	MONITORING WELL	[Symbol]	[Symbol]	DA DEVELOPER AGREEMENT
OVERHEAD POWER LINE	---	OP			SURFACE POST	[Symbol]	[Symbol]	DWG DRAWING
WATER LINE	---	W			SIGN	[Symbol]	[Symbol]	E EAST
TELECOM LINE	---	T			LUMINAIRE	[Symbol]	[Symbol]	EL ELEVATION
CULVERT	[Symbol]	[Symbol]			TRAFFIC SIGNAL	[Symbol]	[Symbol]	EVC END VERTICAL CURVE
QUARRY SPALL	[Symbol]	[Symbol]			WASTE RECEPTACLE W/ MUTT MITT	[Symbol]	[Symbol]	EXIST EXISTING
CATCH BASIN, TYPE 1	[Symbol]	[Symbol]			BORE HOLE	[Symbol]	[Symbol]	G2CR GREEN TO CEDAR RIVERS
CATCH BASIN, TYPE 2	[Symbol]	[Symbol]						HMA HOT MIX ASPHALT
CONTOURS MAJOR	10	10						IN INCH
CONTOURS MINOR	2	2						LF LINEAR FOOT/LINEAR FEET
FILL LINE	---	---						MAX MAXIMUM
CUT LINE	---	---						MPD MASTER PLANNED DEVELOPMENT
CLEARING AND GRUBBING LINE	---	---						N NORTH
EDGE OF ASPHALT	---	---						NE NORTHEAST
CONCRETE LINE	---	---						NO NUMBER
EDGE OF GRAVEL	---	---						OHWM ORDINARY HIGH WATER MARK
SIDEWALK	---	---						PVI POINT OF VERTICAL INTERSECTION
WETLAND	---	---						RRFB RECTANGULAR RAPID FLASHING BEACON
WETLAND BUFFER	---	---						R RADIUS
STREAM	---	---						RD ROAD
STREAM BUFFER	---	---						SF SQUARE FEET
CURB AND GUTTER LINE	---	---						R/W RIGHT OF WAY
CROSSWALK LINE	---	---						S SOUTH
RETAINING WALL	---	---						SE SOUTHEAST
CEMENT CONCRETE MEDIAN	[Symbol]	[Symbol]						SECT SECTION
LANDSCAPING	[Symbol]	[Symbol]						SHLDR SHOULDER
ROCK WALL	[Symbol]	[Symbol]						SR STATE ROUTE
INFILTRATION TRENCH	[Symbol]	[Symbol]						ST STREET
UNDERDRAIN TRENCH	[Symbol]	[Symbol]						STA STATION
BOULDER/ECOLOGY BLOCK	[Symbol]	[Symbol]						SQ SQUARE
CHAIN LINK FENCE	[Symbol]	[Symbol]						STD STANDARD
TWO RAIL FENCE	[Symbol]	[Symbol]						TYP TYPICAL
GUARDRAIL	[Symbol]	[Symbol]						VC VERTICAL CURVE

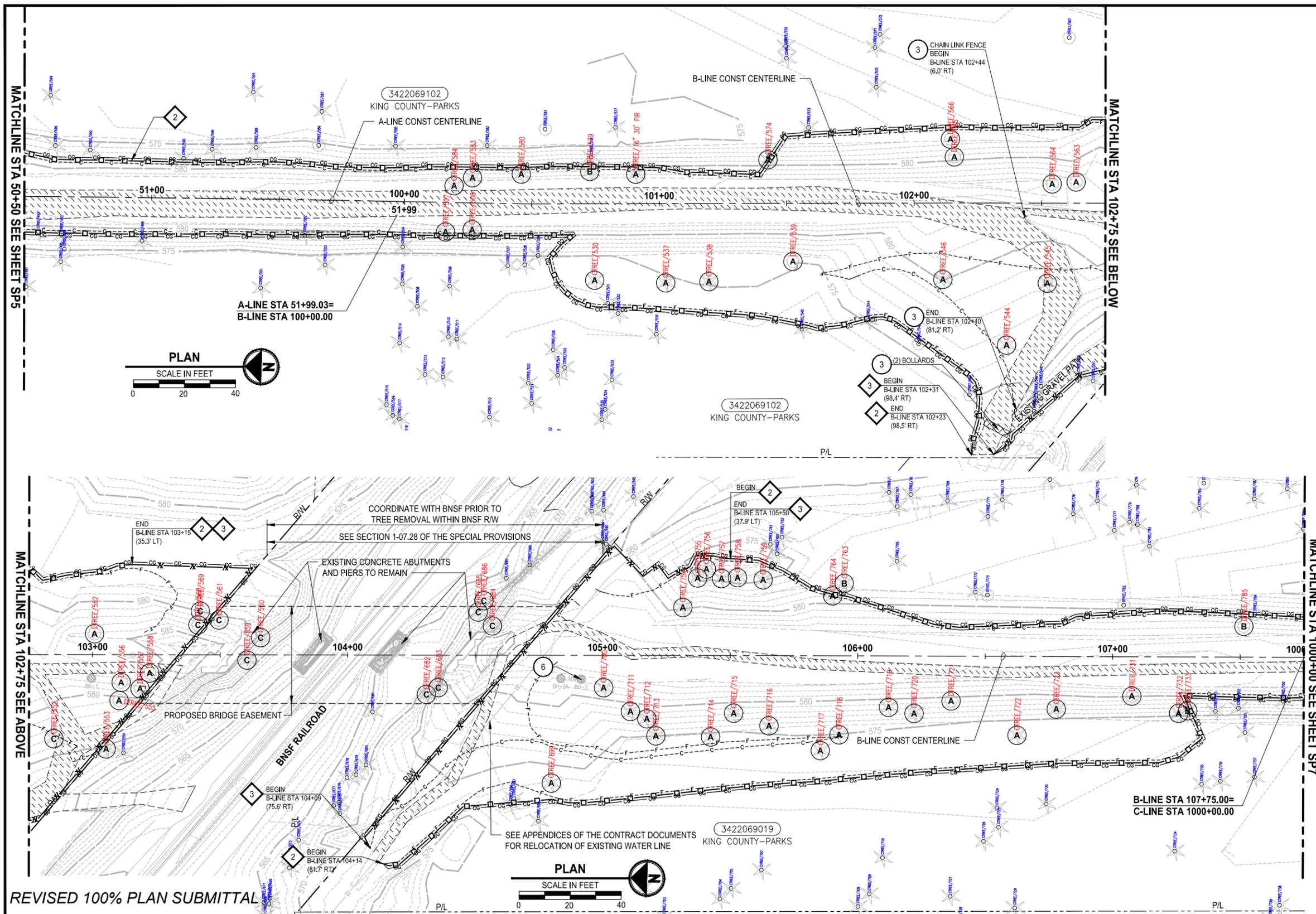
**DETAIL AND SECTION DESIGNATION**



REVISED 100% PLAN SUBMITTAL

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GREEN TO CEDAR RIVERS TRAIL			PROJECT MANAGER: LINDA FRKUSKA, PLA			DESIGN TEAM			<b>King County</b> Department of Natural Resources and Parks Parks and Recreation Division Capital Projects Section 201 S. Jackson St., Suite 5702, Seattle, WA 98104 <i>John Taylor, Director</i>	GREEN TO CEDAR RIVERS TRAIL		SHEET 2 OF 97 SHEETS	
PROJECT #	214-1521-231	4/2025	REV #	REVISION	BY	DATE	ARCH.			N/A	SOUTH INTERIM SEGMENT A		
ISSUED	J. DVORAK	4/2025					STRUCT.			DAVID EVANS & ASSOCIATES	SE KENT KANGLEY RD TO BLACK DIAMOND OPEN SPACE		
APPROVED	T. MASTERSON	4/2025					CIVIL			PARAMETRIX	<b>LEGEND AND ABBREVIATIONS</b>		
REVIEWED	Y. HO	4/2025					L.ARCH			PARAMETRIX	<b>G2</b>		
DRAWN	T. MASTERSON	4/2025					ENG.	PARAMETRIX					



**SITE PREPARATION NOTES:**

- 1 REMOVE CURB OR CURB AND GUTTER.
- 2 PROTECT EXISTING UTILITY.
- 3 REMOVAL OF STRUCTURES AND OBSTRUCTIONS.  
ADJUST MANHOLE TO FINISHED GRADE, PER SOOS CREEK WATER AND SEWER DISTRICT STANDARDS S-23 AND S-27. FOR ADJUSTMENTS LESS THAN 3-IN, A SINGLE RING ADJUSTMENT IS PERMITTED. FOR ADJUSTMENTS GREATER THAN 3-IN, THE ECCENTRIC CONE OR STRAIGHT SECTION MUST BE REPLACED. THE HEIGHT BETWEEN THE RIM AND TOP OF CONE MUST NOT EXCEED 20" PER SCWSD STANDARD S-27. INSTALL NEW MANHOLE FRAME AND LOCKING LID.
- 5 REMOVE PAVEMENT MARKING.
- 6 DECOMMISSION MONITORING WELL.  
SEE E SHEETS FOR SIGNAL, ILLUMINATION, AND OTHER ELECTRICAL WORK.
- 7 REMOVE DRAINAGE STRUCTURE.
- 8 REMOVE DRAINAGE PIPE.
- 9 EXTEND EXISTING HYDRANT LATERAL AND INSTALL NEW HYDRANT. SEE C SHEETS FOR LOCATION.
- 11 PLUG EXISTING DRAINAGE PIPE.
- 12 FRANCHISE UTILITY TO BE RELOCATED BY OTHERS. CONTRACTOR COORDINATE WITH SERVICE PROVIDER.

**TESC NOTES:**

- 1 HIGH VISIBILITY FENCE, PER WSDOT STD DETAIL 1-10.10.
- 2 SILT FENCE, PER 2021 KCSWDM SECTION D.2.1.3.1. SEE SPECIAL PROVISIONS SECTION 8-01.
- 3 HIGH VISIBILITY SILT FENCE WITH BACK SUPPORT, PER WSDOT STD DETAIL I-30.16.
- 4 STORM DRAIN INLET PROTECTION, PER 2021 KCSWDM SECTION D.2.1.5.3 FIGURE D.2.1.5.F CATCH BASIN INSERT (SEE C SHEETS FOR NEW STORM DRAIN LOCATIONS).
- 5 STABILIZED CONSTRUCTION ENTRANCE, PER 2021 KCSWDM SECTION D.2.1.4.1.

**LEGEND:**

- REMOVE ASPHALT CONC. PAVEMENT
- REMOVE CEMENT CONC. PAVEMENT
- REMOVE EXISTING GRAVEL SURFACE
- PLANING BITUMINOUS PAVEMENT, 2"
- HIGH VISIBILITY FENCE
- SILT FENCE
- HIGH VISIBILITY SILT FENCE
- SAWCUT
- INLET PROTECTION FOR EXISTING STRUCTURE
- INLET PROTECTION FOR PROPOSED STRUCTURE
- REMOVE TREE, STUMP TREATMENT A - ROOT BALL REMOVAL
- REMOVE TREE, STUMP TREATMENT B - GRIND STUMP
- REMOVE TREE, STUMP TREATMENT C - LEAVE STUMP, 1'-2' STUMP HEIGHT

**GENERAL NOTES:**

1. INSTALL FENCING AT CG LIMITS WHERE SHOWN IN THE PLANS. FENCING IS SHOWN OFFSET ON THE PLANS FOR CLARITY ONLY.
2. SEE CH SHEETS FOR REMOVAL, RELOCATION, AND INSTALLATION OF ALL SIGNS.
3. SEE E SHEETS FOR REMOVALS, RELOCATIONS, AND ADJUSTMENTS OF SIGNAL / ILLUMINATION EQUIPMENT.
4. TREE REMOVAL INSIDE AND WITHIN 5' OF C/G LIMITS SHALL HAVE STUMP AND ROOT BALL REMOVED IN ITS ENTIRETY. TREE REMOVAL OUTSIDE OF 5' BEYOND C/G LIMITS SHALL BE CUT WITHIN 1' OF EXISTING GRADE AND TREATED AT THE STUMP WITH AN HERBICIDE. SEE SPECIAL PROVISIONS SECTION 8-02.
5. ALL ASPHALT SAWCUTS ARE 2" FROM CONCRETE JOINT (UNLESS OTHERWISE NOTED), SIDEWALK, CURB AND GUTTER, OR CONCRETE ROADWAY. PANEL REMOVAL TO THE NEAREST JOINT.

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GREEN TO CEDAR RIVERS TRAIL		PROJECT MANAGER: LINDA FRKUSKA, PLA		DESIGN TEAM	
PROJECT #	214-1521-231	4/2025	REV #	REVISION	BY DATE
ISSUED					
APPROVED					
REVIEWED					
DRAWN					
					ARCH. N/A
					STRUCT. DAVID EVANS & ASSOCIATES
					CIVIL PARAMETRIX
					L.ARCH PARAMETRIX
					ENG. PARAMETRIX

**King County**  
Department of Natural Resources and Parks  
Parks and Recreation Division  
Capital Projects Section  
201 S. Jackson St., Suite 5702, Seattle, WA 98104  
John Taylor, Director

GREEN TO CEDAR RIVERS TRAIL SOUTH INTERIM SEGMENT A SE KENT KANGLEY RD TO BLACK DIAMOND OPEN SPACE	SHEET 12 OF 97 SHEETS
<b>SITE PREPARATION PLAN</b>	<b>SP6</b>

**COMPACTION REQUIREMENTS:**

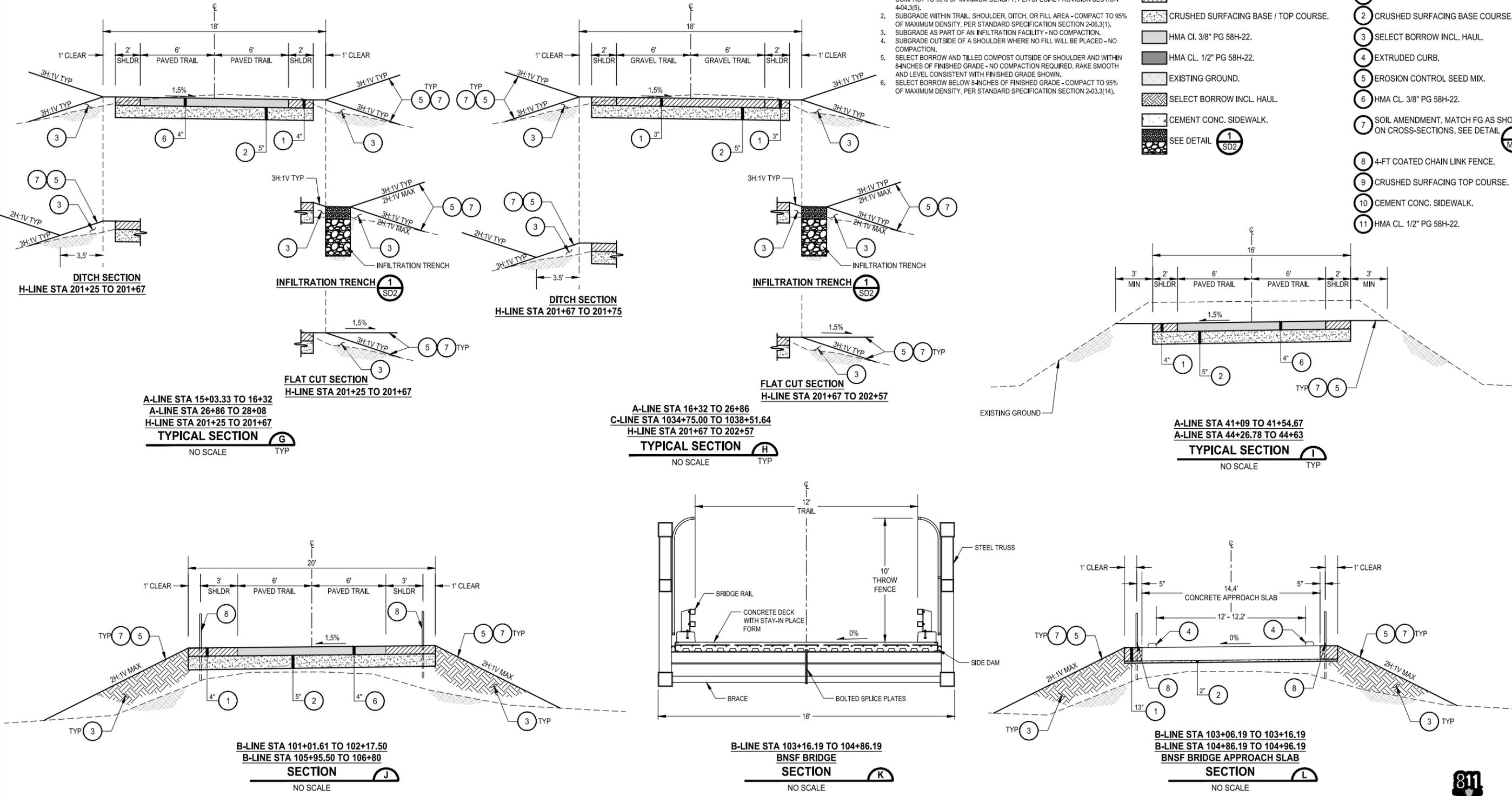
1. TRAIL CRUSHED ROCK SURFACING AND CRUSHED SURFACING BASE COURSE - COMPACT TO 95% OF MAXIMUM DENSITY, PER SPECIAL PROVISION SECTION 4-04.3(5).
2. SUBGRADE WITHIN TRAIL, SHOULDER, DITCH, OR FILL AREA - COMPACT TO 95% OF MAXIMUM DENSITY, PER STANDARD SPECIFICATION SECTION 2-06.3(1).
3. SUBGRADE AS PART OF AN INFILTRATION FACILITY - NO COMPACTION.
4. SUBGRADE OUTSIDE OF A SHOULDER WHERE NO FILL WILL BE PLACED - NO COMPACTION.
5. SELECT BORROW AND TILLED COMPOST OUTSIDE OF SHOULDER AND WITHIN 8-INCHES OF FINISHED GRADE - NO COMPACTION REQUIRED, RAKE SMOOTH AND LEVEL CONSISTENT WITH FINISHED GRADE SHOWN.
6. SELECT BORROW BELOW 8-INCHES OF FINISHED GRADE - COMPACT TO 95% OF MAXIMUM DENSITY, PER STANDARD SPECIFICATION SECTION 2-03.3(14).

**LEGEND**

- TRAIL CRUSHED ROCK SURFACING.
- CRUSHED SURFACING BASE / TOP COURSE.
- HMA CL. 3/8" PG 58H-22.
- HMA CL. 1/2" PG 58H-22.
- EXISTING GROUND.
- SELECT BORROW INCL. HAUL.
- CEMENT CONC. SIDEWALK.
- SEE DETAIL

**CONSTRUCTION NOTES**

1. TRAIL CRUSHED ROCK SURFACING.
2. CRUSHED SURFACING BASE COURSE.
3. SELECT BORROW INCL. HAUL.
4. EXTRUDED CURB.
5. EROSION CONTROL SEED MIX.
6. HMA CL. 3/8" PG 58H-22.
7. SOIL AMENDMENT. MATCH FG AS SHOWN ON CROSS-SECTIONS. SEE DETAIL
8. 4-FT COATED CHAIN LINK FENCE.
9. CRUSHED SURFACING TOP COURSE.
10. CEMENT CONC. SIDEWALK.
11. HMA CL. 1/2" PG 58H-22.



REVISED 100% PLAN SUBMITTAL

KNOW WHAT'S BELOW. CALL 2 BUSINESS DAYS BEFORE YOU DIG. (UTILITY LOCATIONS ARE APPROX.)

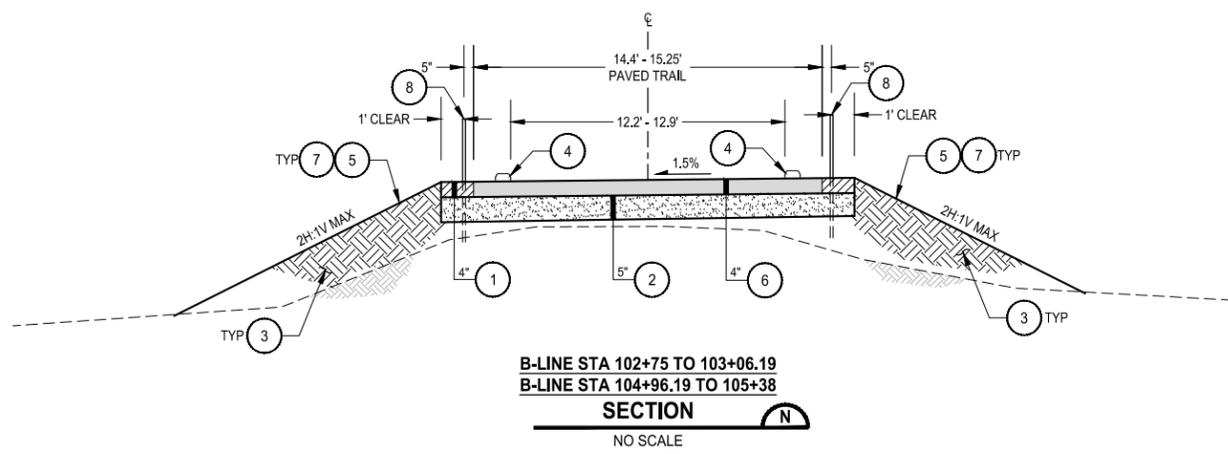
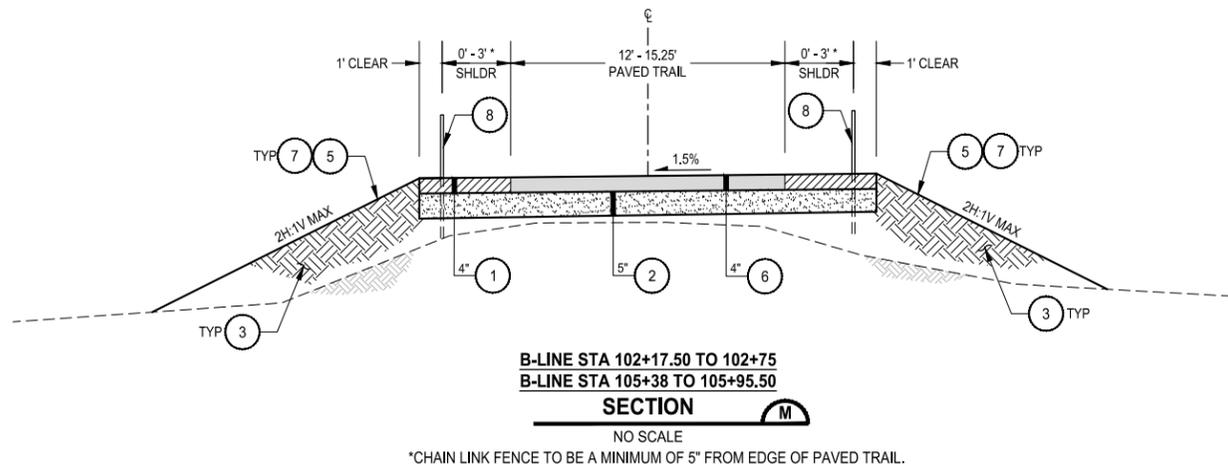
GREEN TO CEDAR RIVERS TRAIL		PROJECT MANAGER: LINDA FRKUSKA, PLA			DESIGN TEAM	
PROJECT #	214-1521-231	4/2025	REV #	REVISION	BY	DATE
ISSUED						
APPROVED						
REVIEWED						
DRAWN						
					ARCH.	N/A
					STRUCT.	DAVID EVANS & ASSOCIATES
					CIVIL	PARAMETRIX
					L.ARCH	PARAMETRIX
					ENG.	PARAMETRIX



**King County**  
 Department of Natural Resources and Parks  
 Parks and Recreation Division  
 Capital Projects Section  
 201 S. Jackson St., Suite 5702, Seattle, WA 98104  
 John Taylor, Director

GREEN TO CEDAR RIVERS TRAIL  
 SOUTH INTERIM SEGMENT A  
 SE KENT KANGLEY RD TO BLACK DIAMOND OPEN SPACE  
**TYPICAL CROSS SECTIONS**

SHEET  
 19  
 OF  
 97  
 SHEETS  
**CS2**



**COMPACTION REQUIREMENTS:**

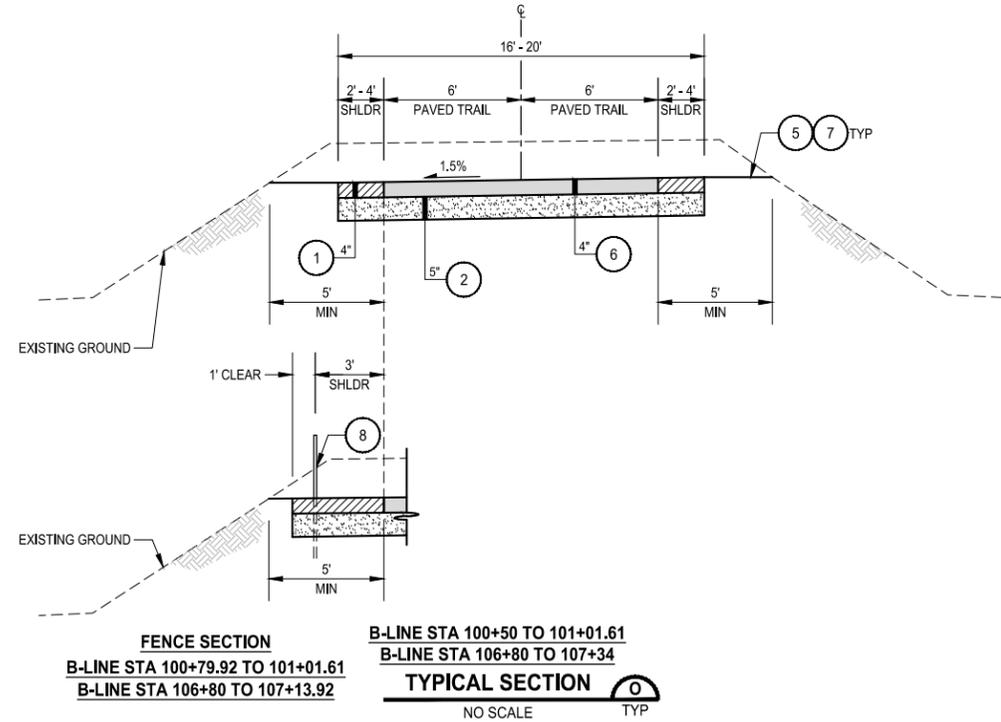
1. TRAIL CRUSHED ROCK SURFACING AND CRUSHED SURFACING BASE COURSE - COMPACT TO 95% OF MAXIMUM DENSITY, PER SPECIAL PROVISION SECTION 4-04.3(5).
2. SUBGRADE WITHIN TRAIL, SHOULDER, DITCH, OR FILL AREA - COMPACT TO 95% OF MAXIMUM DENSITY, PER STANDARD SPECIFICATION SECTION 2-06.3(1).
3. SUBGRADE AS PART OF AN INFILTRATION FACILITY - NO COMPACTION.
4. SUBGRADE OUTSIDE OF A SHOULDER WHERE NO FILL WILL BE PLACED - NO COMPACTION.
5. SELECT BORROW AND TILLED COMPOST OUTSIDE OF SHOULDER AND WITHIN 8-INCHES OF FINISHED GRADE - NO COMPACTION REQUIRED, RAKE SMOOTH AND LEVEL CONSISTENT WITH FINISHED GRADE SHOWN.
6. SELECT BORROW BELOW 8-INCHES OF FINISHED GRADE - COMPACT TO 95% OF MAXIMUM DENSITY, PER STANDARD SPECIFICATION SECTION 2-03.3(14).

**LEGEND**

- TRAIL CRUSHED ROCK SURFACING.
- CRUSHED SURFACING BASE / TOP COURSE.
- HMA CL. 3/8" PG 58H-22.
- HMA CL. 1/2" PG 58H-22.
- EXISTING GROUND.
- SELECT BORROW INCL. HAUL.
- CEMENT CONC. SIDEWALK.
- SEE DETAIL **1** SD2

**CONSTRUCTION NOTES**

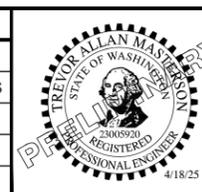
1. TRAIL CRUSHED ROCK SURFACING.
2. CRUSHED SURFACING BASE COURSE.
3. SELECT BORROW INCL. HAUL.
4. EXTRUDED CURB.
5. EROSION CONTROL SEED MIX.
6. HMA CL. 3/8" PG 58H-22.
7. SOIL AMENDMENT. MATCH FG AS SHOWN ON CROSS-SECTIONS. SEE DETAIL **3** MT3
8. 4-FT COATED CHAIN LINK FENCE.
9. CRUSHED SURFACING TOP COURSE.
10. CEMENT CONC. SIDEWALK.
11. HMA CL. 1/2" PG 58H-22.



REVISED 100% PLAN SUBMITTAL

**811**  
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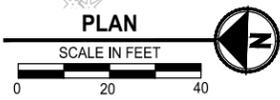
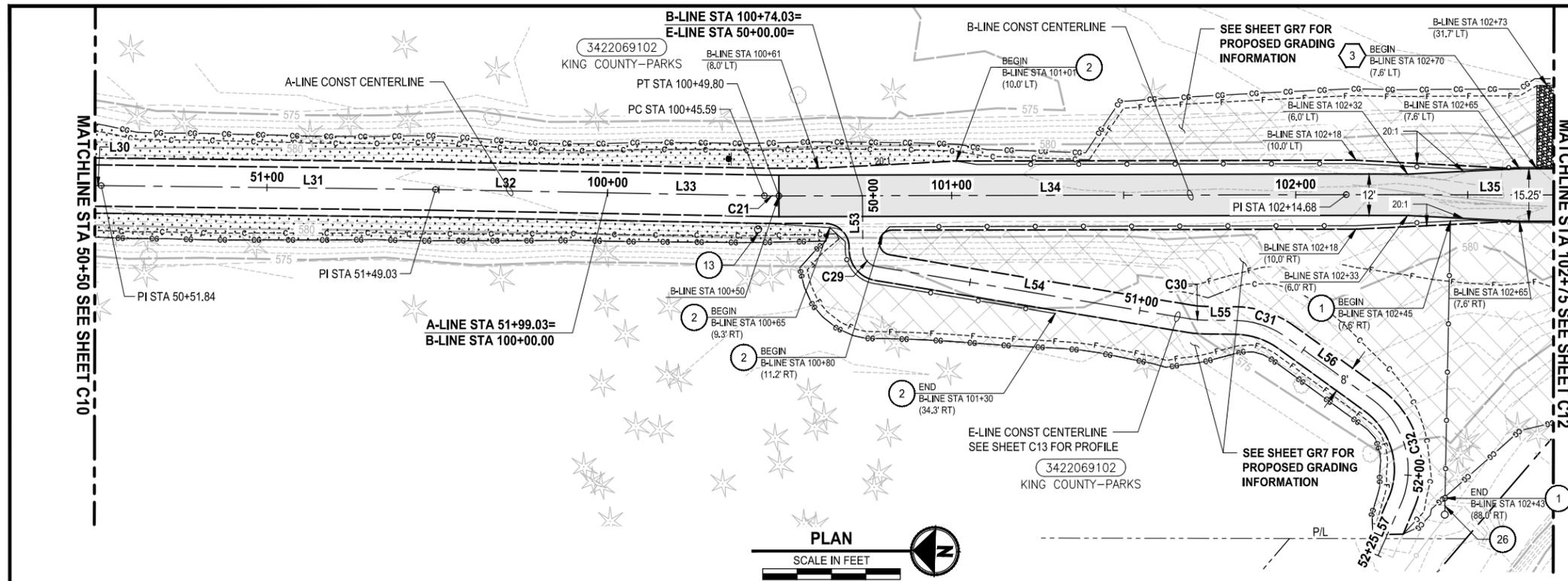
GREEN TO CEDAR RIVERS TRAIL		PROJECT MANAGER: LINDA FRKUSKA, PLA				DESIGN TEAM		
PROJECT #	214-1521-231	4/2025	REV #	REVISION	BY	DATE	ARCH.	N/A
ISSUED							STRUCT.	DAVID EVANS & ASSOCIATES
APPROVED							CIVIL	PARAMETRIX
REVIEWED							L.ARCH	PARAMETRIX
DRAWN							ENG.	PARAMETRIX



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**GREEN TO CEDAR RIVERS TRAIL**  
**SOUTH INTERIM SEGMENT A**  
 SE KENT KANGLEY RD TO BLACK DIAMOND OPEN SPACE  
**TYPICAL CROSS SECTIONS**

SHEET  
**20**  
 OF  
**97**  
 SHEETS  
**CS3**



- CONSTRUCTION NOTES:**
- 4-FT COATED CHAIN LINK FENCE WITH TOP RAIL PER KC PARKS STD DWG 5-002.
  - 4.5-FT COATED CHAIN LINK FENCE WITH TOP RAIL. SEE DETAIL **DD1**.
  - COLORLED TEXTURED PAVEMENT. SEE DETAIL **DD1**.
  - CEMENT CONC. TRAFFIC CURB AND GUTTER PER WSDOT STD PLAN F-10.12.
  - CEMENT CONC. SIDEWALK PER WSDOT STD PLAN F-30.10.
  - CEMENT CONCRETE DRIVEWAY ENTRANCE TYPE 3 PER WSDOT STD PLAN F-80.10.
  - PRE-CAST CONCRETE ECOLOGY BLOCK.
  - PARALLEL CURB RAMP PER WSDOT STD PLAN F-40.12.
  - PERPENDICULAR CURB RAMP TYPE A PER WSDOT STD PLAN F-40.15.
  - REMOVABLE BOLLARD PER KC PARKS STD DWG 5-030.20.
  - FIXED BOLLARD PER KC PARKS STD DWG 5-030.15.
  - 15-FT SWING GATE-DEEP FOUNDATION.
  - TRASH RECEPTACLE, CONCRETE PAD FOR TRASH RECEPTACLE, AND PET WASTE STATION PER KC PARKS STD DWG 4-001 AND SPEC SHEET FOR PET WASTE STATION. USE FOOTING TYPE D. FOR ANCHOR BOLT TYPE SEE ABOVE STD DWG AND USE 4 1/2" MINIMUM EMBEDMENT LENGTH.
  - TWO RAIL FENCE PER KC PARKS STD DWG 5-001.
  - CEMENT CONC. PEDESTRIAN CURB PER WSDOT STD PLAN F-10.12.
  - EXTEND EXISTING 6-INCH D.I. HYDRANT LATERAL, INSTALL NEW HYDRANT PER COVINGTON WATER DISTRICT STD DETAIL NO. 7 AND NO. 8.
  - EXTRUDED CURB TYPE 2 PER WSDOT STD PLAN F-10.42.
  - 30-FT SWING GATE-DEEP FOUNDATION.
  - PERPENDICULAR CURB RAMP TYPE B PER WSDOT STD PLAN F-40.15.
  - FIELD-APPLIED SLIP RESISTANT COATING FOR EXISTING UTILITY COVER.
  - SOIL AMENDMENT, SEE DETAIL 3 ON SHEET MT3.
  - INSTALL SEEDING, FERTILIZING, AND MULCHING - EROSION CONTROL MIX.
  - INSTALL SEEDING, FERTILIZING, AND MULCHING - POLLINATOR SEED MIX.
  - INSTALL BIODEGRADABLE EROSION CONTROL BLANKET.
  - CEMENT CONC. TRAFFIC CURB PER WSDOT STD PLAN F-30.10.
  - SINGLE 6 FT. COATED CHAIN LINK GATE PER WSDOT STD PLAN L-30.10-02.

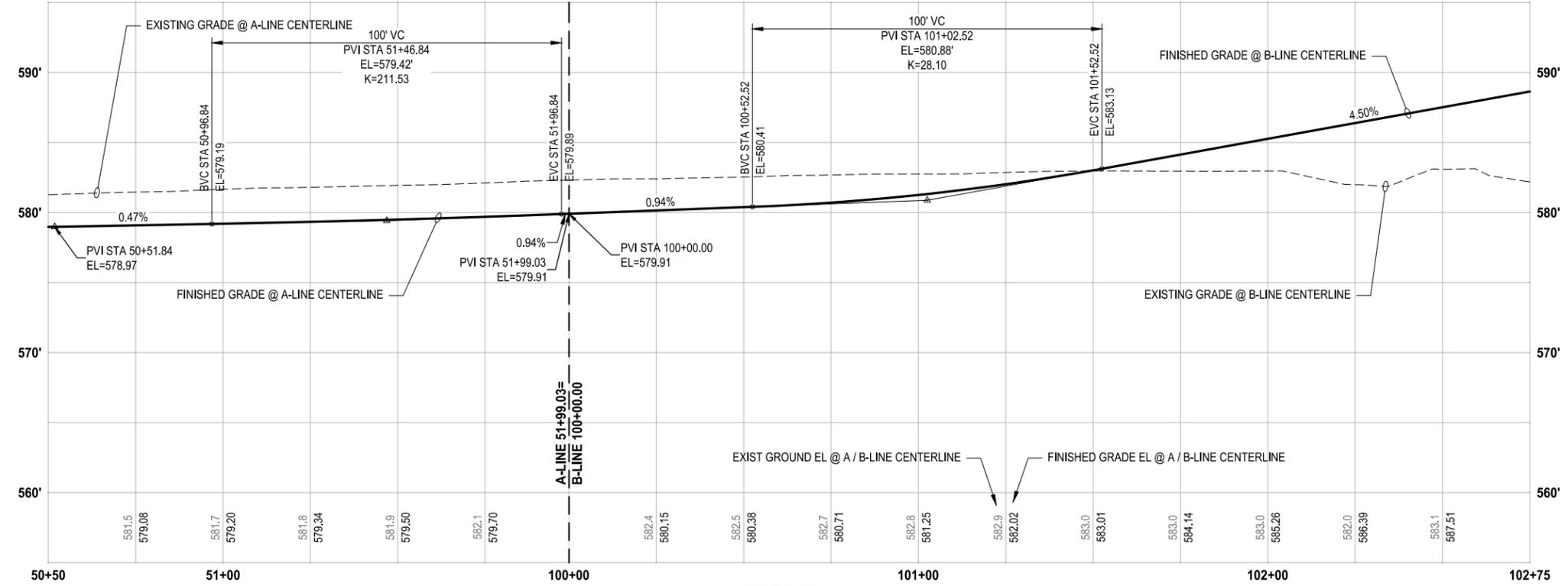
- STORMWATER CONSTRUCTION NOTES:**
- INFILTRATION TRENCH. SEE DETAIL 1, SHEET SD2
  - INSTALL STORM CONVEYANCE SYSTEM. SEE THIS SHEET AND SD SHEETS FOR PROFILES AND GENERAL STORMWATER NOTES
  - QUARRY SPALLS SLOPE PROTECTION, SEE DETAIL 2, SHEET SD2
  - UNDERDRAIN PIPE TRENCH. SEE DETAIL 5, SHEET SD2. (SEE STRUCTURAL DESIGN FOR EXACT LOCATION)
  - 6" DIAMETER PVC DRAIN PIPE OUTFALL (DAYLIGHT TO SLOPE)

- LEGEND:**
- 6-IN HMA CL. 1/2" PG 58H-22 OVER 6-IN CSTC
  - 2-IN HMA CL. 1/2" PG 58H-22 OVERLAY
  - HMA CL. 3/8" PG 58H-22
  - INFILTRATION TRENCH
  - CEMENT CONCRETE
  - 21** **22** EROSION CONTROL SEED MIX
  - 21** **23** **24** POLLINATOR SEED MIX

**GENERAL NOTES:**

- SEE CH SHEETS FOR CHANNELIZATION & SIGNING PLAN.

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 KNOW WHAT'S BELOW.  
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 (UTILITY LOCATIONS ARE APPROX.)



**PROFILE**  
 HORIZ: 1"=20'  
 VERT: 1"=5'

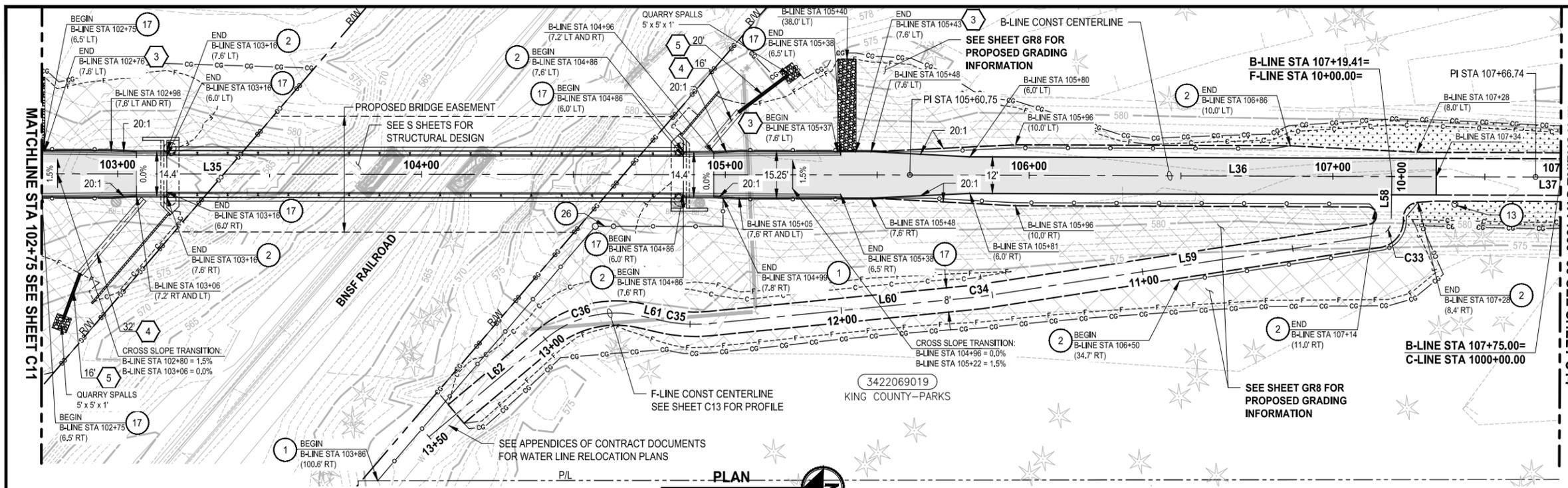
**REVISED 100% PLAN SUBMITTAL**

GREEN TO CEDAR RIVERS TRAIL		PROJECT MANAGER: LINDA FRKUSKA, PLA		DESIGN TEAM	
PROJECT #	214-1521-231	4/2025		ARCH.	N/A
ISSUED				STRUCT.	DAVID EVANS & ASSOCIATES
APPROVED				CIVIL	PARAMETRIX
REVIEWED				L.ARCH	PARAMETRIX
DRAWN				ENG.	PARAMETRIX

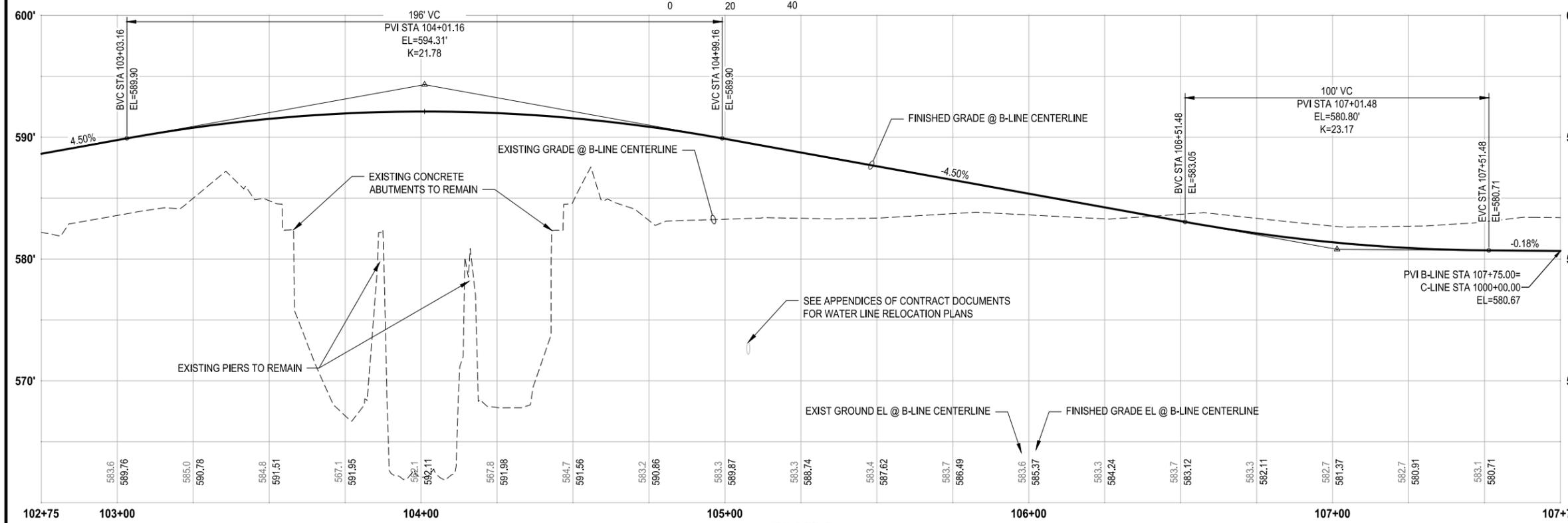
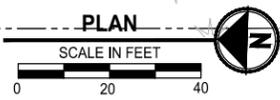


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GREEN TO CEDAR RIVERS TRAIL SOUTH INTERIM SEGMENT A SE KENT KANGLEY RD TO BLACK DIAMOND OPEN SPACE		SHEET 30 OF 97 SHEETS
<b>TRAIL PLAN AND PROFILE</b>		<b>C11</b>



- CONSTRUCTION NOTES:**
- 4-FT COATED CHAIN LINK FENCE WITH TOP RAIL PER KC PARKS STD DWG 5-002.
  - 4.5-FT COATED CHAIN LINK FENCE WITH TOP RAIL. SEE DETAIL 3 DD1.
  - COLORLED TEXTURED PAVEMENT. SEE DETAIL 1 DD1.
  - CEMENT CONC. TRAFFIC CURB AND GUTTER PER WSDOT STD PLAN F-10.12.
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  - EXTEND EXISTING 6-INCH D.I. HYDRANT LATERAL, INSTALL NEW HYDRANT PER COVINGTON WATER DISTRICT STD DETAIL NO. 7 AND NO. 8.
  - EXTRUDED CURB TYPE 2 PER WSDOT STD PLAN F-10.42.
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  - PERPENDICULAR CURB RAMP TYPE B PER WSDOT STD PLAN F-40.15.
  - FIELD-APPLIED SLIP RESISTANT COATING FOR EXISTING UTILITY COVER.
  - SOIL AMENDMENT, SEE DETAIL 3 ON SHEET MT3.
  - INSTALL SEEDING, FERTILIZING, AND MULCHING - EROSION CONTROL MIX.
  - INSTALL SEEDING, FERTILIZING, AND MULCHING - POLLINATOR SEED MIX.
  - INSTALL BIODEGRADABLE EROSION CONTROL BLANKET.
  - CEMENT CONC. TRAFFIC CURB PER WSDOT STD PLAN F-30.10.
  - SINGLE 6 FT. COATED CHAIN LINK GATE PER WSDOT STD PLAN L-30.10-02.



- STORMWATER CONSTRUCTION NOTES:**
- INFILTRATION TRENCH. SEE DETAIL 1, SHEET SD2
  - INSTALL STORM CONVEYANCE SYSTEM. SEE THIS SHEET AND SD SHEETS FOR PROFILES AND GENERAL STORMWATER NOTES
  - QUARRY SPALLS SLOPE PROTECTION, SEE DETAIL 2, SHEET SD2
  - UNDERDRAIN PIPE TRENCH. SEE DETAIL 5, SHEET SD2. (SEE STRUCTURAL DESIGN FOR EXACT LOCATION)
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- LEGEND:**
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  - INFILTRATION TRENCH
  - CEMENT CONCRETE
  - 21 22 EROSION CONTROL SEED MIX
  - 21 23 24 POLLINATOR SEED MIX

**GENERAL NOTES:**

- SEE CH SHEETS FOR CHANNELIZATION & SIGNING PLAN.

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**REVISED 100% PLAN SUBMITTAL**

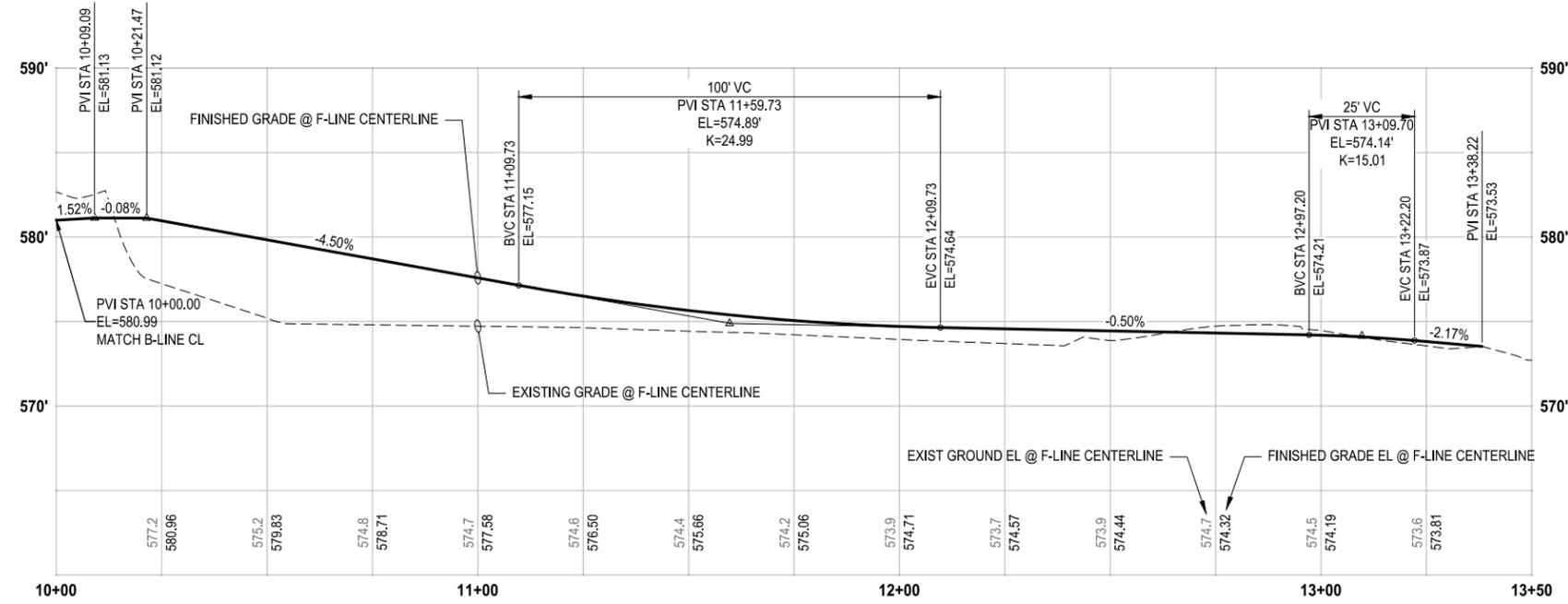
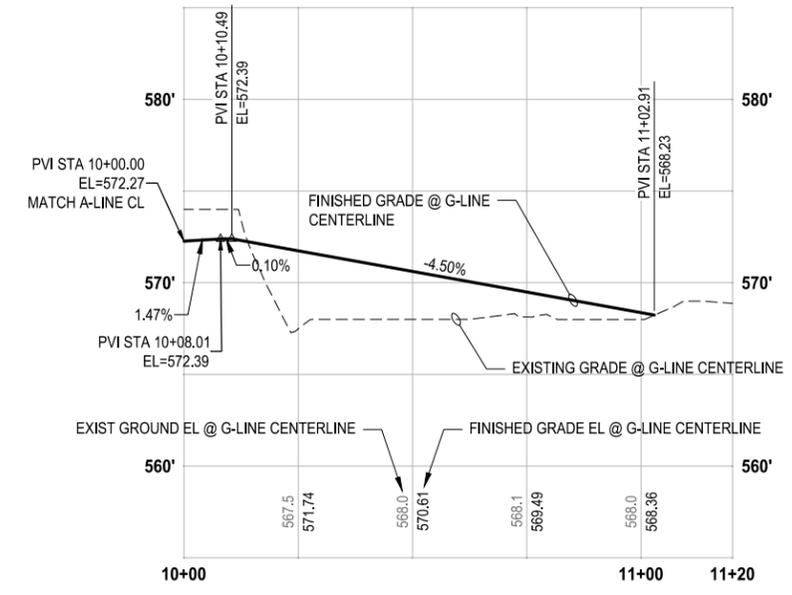
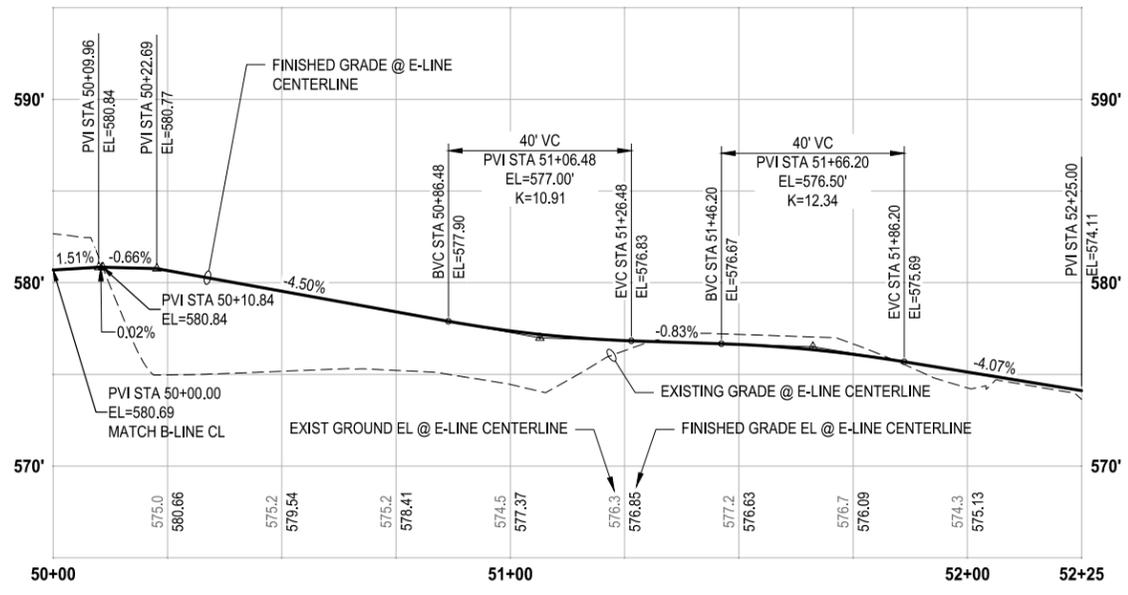
**PROFILE**  
HORIZ: 1"=20'  
VERT: 1"=5'

GREEN TO CEDAR RIVERS TRAIL		PROJECT MANAGER: LINDA FRKUSKA, PLA		DESIGN TEAM	
PROJECT #	214-1521-231	4/2025	REV #	REVISION	BY DATE
ISSUED					
APPROVED					
REVIEWED					
DRAWN					
					ARCH. N/A
					STRUCT. DAVID EVANS & ASSOCIATES
					CIVIL PARAMETRIX
					L.ARCH PARAMETRIX
					ENG. PARAMETRIX



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GREEN TO CEDAR RIVERS TRAIL SOUTH INTERIM SEGMENT A SE KENT KANGLEY RD TO BLACK DIAMOND OPEN SPACE		SHEET 31 OF 97 SHEETS
<b>TRAIL PLAN AND PROFILE</b>		<b>C12</b>



REVISED 100% PLAN SUBMITTAL

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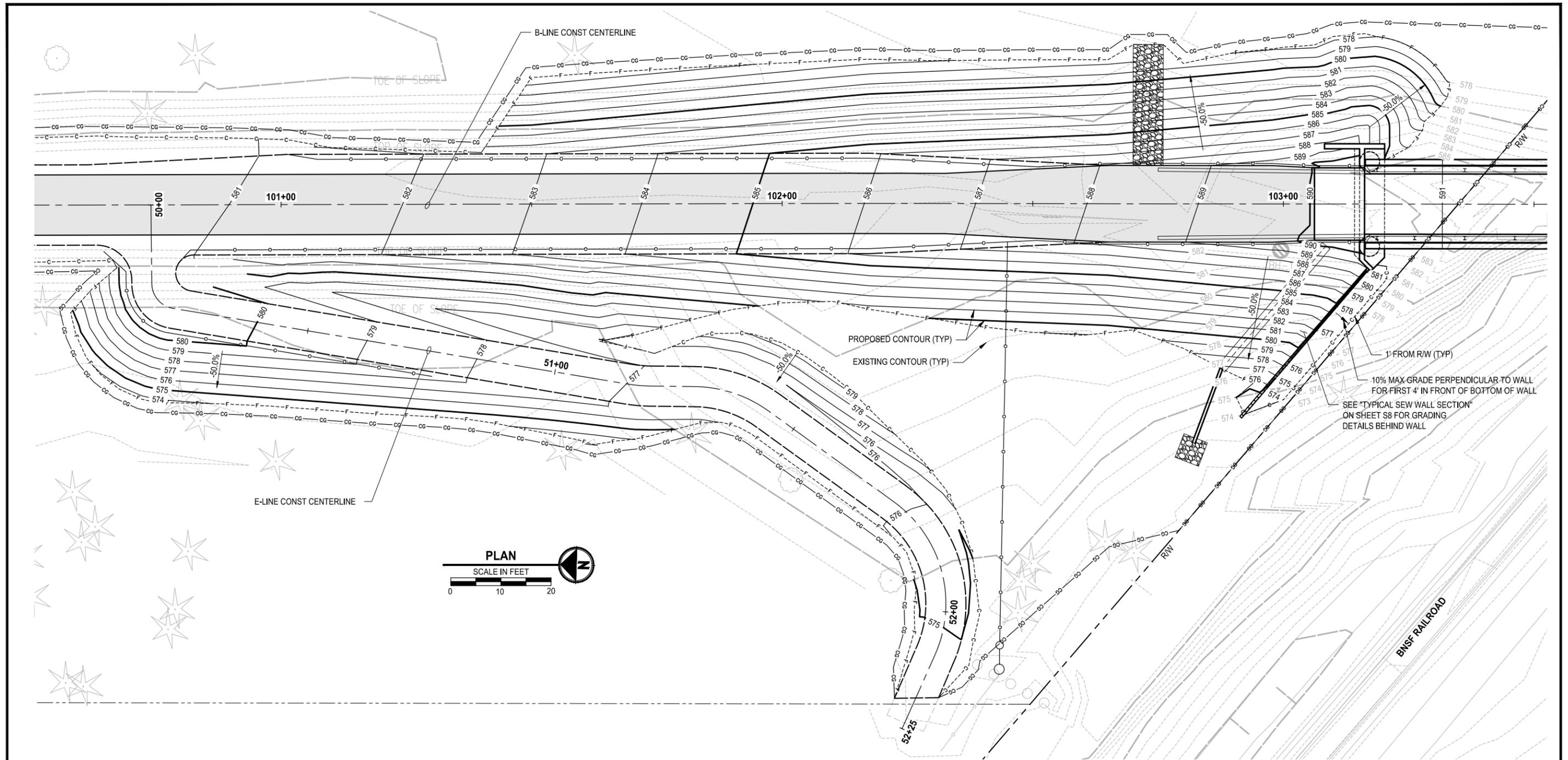
GREEN TO CEDAR RIVERS TRAIL		PROJECT MANAGER: LINDA FRKUSKA, PLA		DESIGN TEAM				
PROJECT #	214-1521-231	4/2025	REV #	REVISION	BY	DATE	ARCH.	N/A
ISSUED							STRUCT.	DAVID EVANS & ASSOCIATES
APPROVED							CIVIL	PARAMETRIX
REVIEWED							L.ARCH	PARAMETRIX
DRAWN							ENG.	PARAMETRIX



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**GREEN TO CEDAR RIVERS TRAIL**  
**SOUTH INTERIM SEGMENT A**  
 SE KENT KANGLEY RD TO BLACK DIAMOND OPEN SPACE  
**TRAIL PLAN AND PROFILE**

SHEET  
**32**  
 OF  
**97**  
 SHEETS  
**C13**



**GENERAL NOTES:**

1. SEE S SHEETS FOR STRUCTURAL DESIGN.
2. SEE SP, C, AND SD SHEETS FOR SITE PREPARATION PLANS, TRAIL PLAN AND PROFILE, AND STORM DRAINAGE DETAILS.

**LEGEND:**

 HMA CL. 3/8" PG 58H-22

**REVISED 100% PLAN SUBMITTAL**

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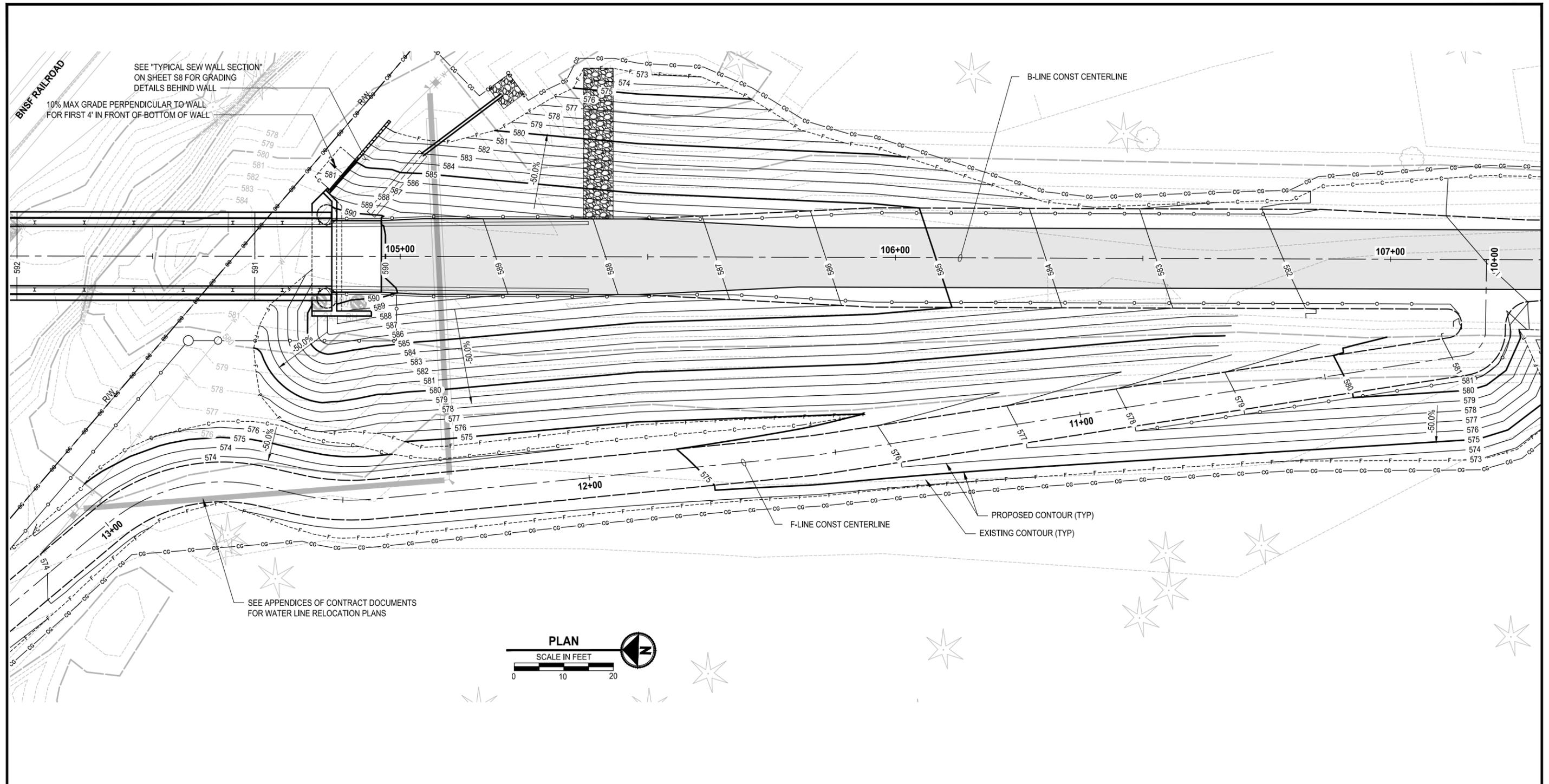
GREEN TO CEDAR RIVERS TRAIL		PROJECT MANAGER: LINDA FRKUSKA, PLA			DESIGN TEAM	
PROJECT #	214-1521-231	4/2025	REV #	REVISION	BY	DATE
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					CIVIL	PARAMETRIX
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					ENG.	PARAMETRIX



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**GREEN TO CEDAR RIVERS TRAIL**  
**SOUTH INTERIM SEGMENT A**  
 SE KENT KANGLEY RD TO BLACK DIAMOND OPEN SPACE  
**GRADING PLAN**

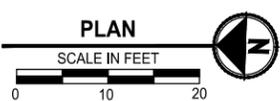
SHEET  
**49**  
 OF  
**97**  
 SHEETS  
**GR7**



SEE "TYPICAL SEW WALL SECTION" ON SHEET S8 FOR GRADING DETAILS BEHIND WALL

10% MAX GRADE PERPENDICULAR TO WALL FOR FIRST 4' IN FRONT OF BOTTOM OF WALL

SEE APPENDICES OF CONTRACT DOCUMENTS FOR WATER LINE RELOCATION PLANS



**GENERAL NOTES:**

1. SEE S SHEETS FOR STRUCTURAL DESIGN.
2. SEE SP, C, AND SD SHEETS FOR SITE PREPARATION PLANS, TRAIL PLAN AND PROFILE, AND STORM DRAINAGE DETAILS.

**LEGEND:**

HMA CL. 3/8" PG 58H-22

**REVISED 100% PLAN SUBMITTAL**

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PROJECT #	4/2025	REV #	REVISION	BY	DATE	ARCH.	N/A
ISSUED						STRUCT.	DAVID EVANS & ASSOCIATES
APPROVED						CIVIL	PARAMETRIX
REVIEWED						L.ARCH	PARAMETRIX
DRAWN						ENG.	PARAMETRIX

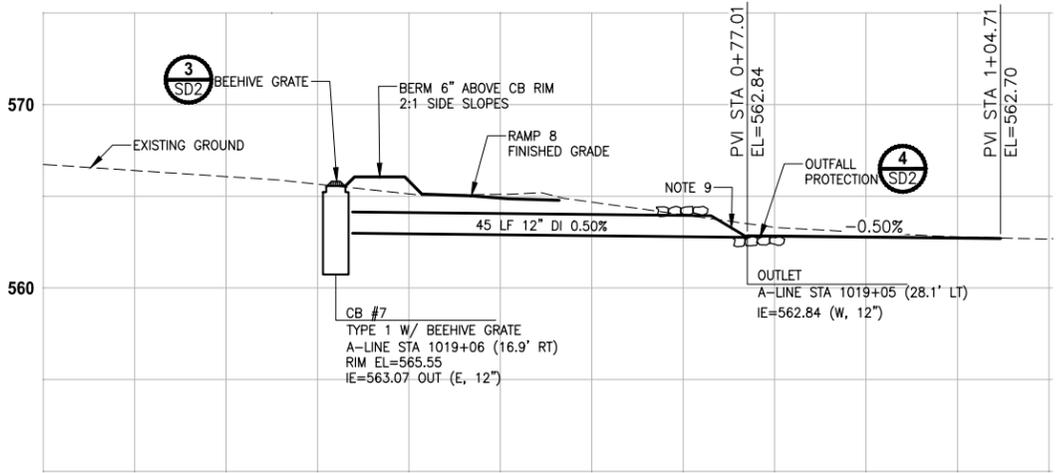


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**GREEN TO CEDAR RIVERS TRAIL  
 SOUTH INTERIM SEGMENT A**  
 SE KENT KANGLEY RD TO BLACK DIAMOND OPEN SPACE  
**GRADING PLAN**

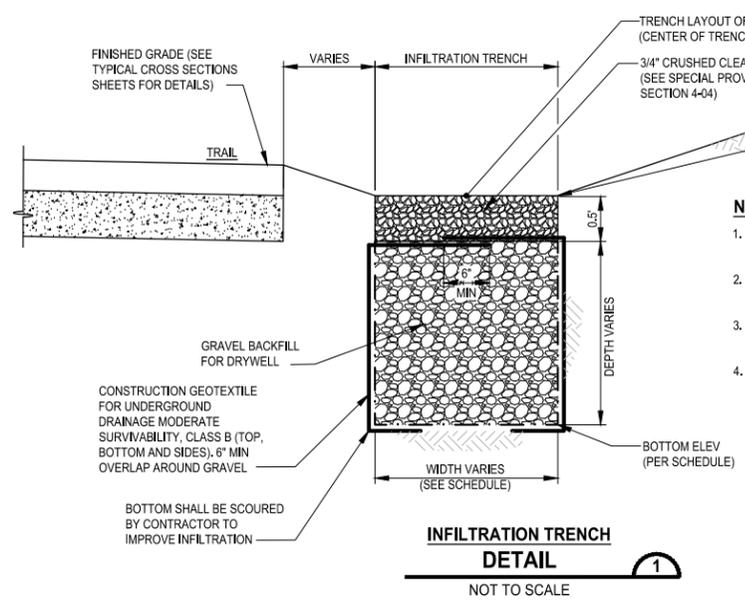
SHEET  
**50**  
 OF  
**97**  
 SHEETS  
**GR8**

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 (UTILITY LOCATIONS ARE APPROX.)



**SD PROFILE 4 C-LINE STA 1019+06**

HORIZ: 1" = 10'  
VERT: 1" = 5'



**INFILTRATION TRENCH DETAIL**

NOT TO SCALE

**NOTES:**

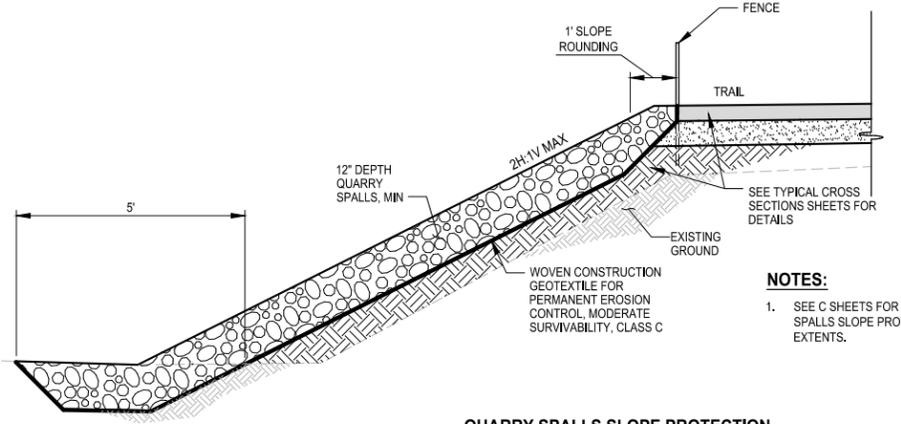
1. PROTECT INFILTRATION TRENCH AREAS. SEE SPECIAL PROVISIONS 7-01 FOR REQUIREMENTS.
2. PAY LIMITS ARE FOR THE NEAT LINE DIMENSIONS AS SHOWN IN THIS DETAIL.
3. STAKE LAYOUT FOR REVIEW BY CONTRACT REPRESENTATIVE PRIOR TO CONSTRUCTION.
4. CONTRACTOR SHALL COORDINATE BOTTOM OF TRENCH INSPECTION BY CONTRACT REPRESENTATIVE PRIOR TO BACKFILL.

**INFILTRATION TRENCH SCHEDULE**

TRENCH NO.	LENGTH	BOTTOM ELEV.	WIDTH
1	50'	557.4	2.0'
2	96'	569.4	2.0'
3	682'	569.4	2.0'
4	622'	569.3	2.0'
5	633'	566.1	2.0'
6	95'	565.0	5.0'
7	464'	574.0	2.0'

**GENERAL STORMWATER NOTES:**

1. CORR PE SSP = CORRUGATED POLYETHYLENE STORM SEWER PIPE.
2. CORR PE CULV. PIPE = CORRUGATED POLYETHYLENE CULVERT PIPE.
3. DI = DUCTILE IRON CULVERT PIPE. SEE SPECIAL PROVISIONS SECTION 7-02.
4. VANED GRATES SHALL BE PER CITY OF MAPLE VALLEY DRAWING NUMBER MV-2-009.
5. CATCH BASIN TYPE 1 SHALL BE PER CITY OF MAPLE VALLEY DRAWING NUMBER MV-2-002.
6. CATCH BASIN TYPE 2 SHALL BE PER CITY OF MAPLE VALLEY DRAWING NUMBER MV-2-004.
7. STRUCTURE OFFSETS ARE MEASURED TO CENTER OF GRATE.
8. SPACING BETWEEN EXISTING UTILITY AND NEW STORM STRUCTURE/PIPE SHALL BE 6" MINIMUM OR AS OTHERWISE REQUIRED BY THE UTILITY.
9. CULVERTS IN FILL OR CUT SLOPES SHALL HAVE BEVELED END SECTIONS PER 2016 KCRS FIG. 7-001.

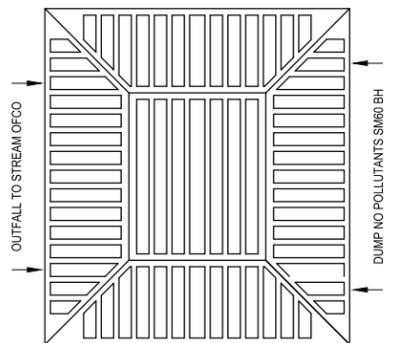


**QUARRY SPALLS SLOPE PROTECTION DETAIL**

NOT TO SCALE

**NOTES:**

1. SEE C SHEETS FOR QUARRY SPALLS SLOPE PROTECTION EXTENTS.

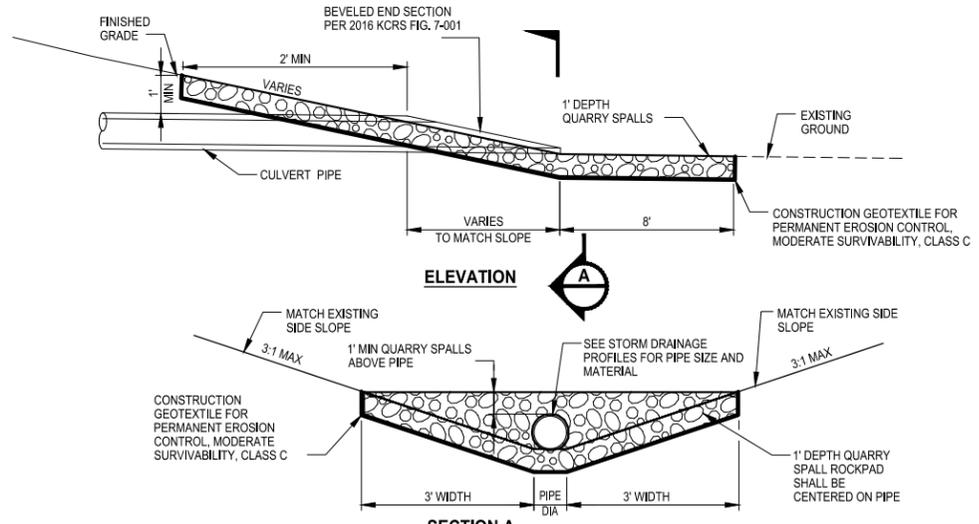


**BEEHIVE GRATE DETAIL**

NOT TO SCALE

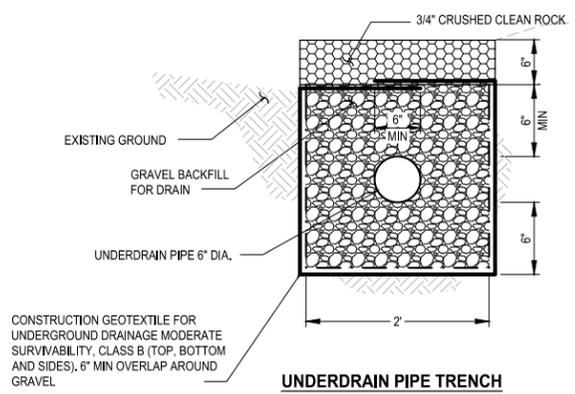
**NOTES:**

1. SEE SPECIAL PROVISION SECTION 7-05 FOR BEEHIVE GRATE MATERIAL, MEASUREMENT, AND PAYMENT.



**SECTION A OUTFALL PROTECTION DETAIL**

NOT TO SCALE



**UNDERDRAIN PIPE TRENCH DETAIL**

NOT TO SCALE

**REVISED 100% PLAN SUBMITTAL**

GREEN TO CEDAR RIVERS TRAIL				PROJECT MANAGER: LINDA FRKUSKA, PLA			DESIGN TEAM		
PROJECT #	ISSUED	APPROVED	REVIEWED	REV #	REVISION	BY	DATE	ARCH.	N/A
214-1521-231	J. DVORAK	N. NAGAO	D. PROCTOR					STRUC.	DAVID EVANS & ASSOCIATES
								CIVIL	PARAMETRIX
								L.ARCH	PARAMETRIX
								ENG.	PARAMETRIX



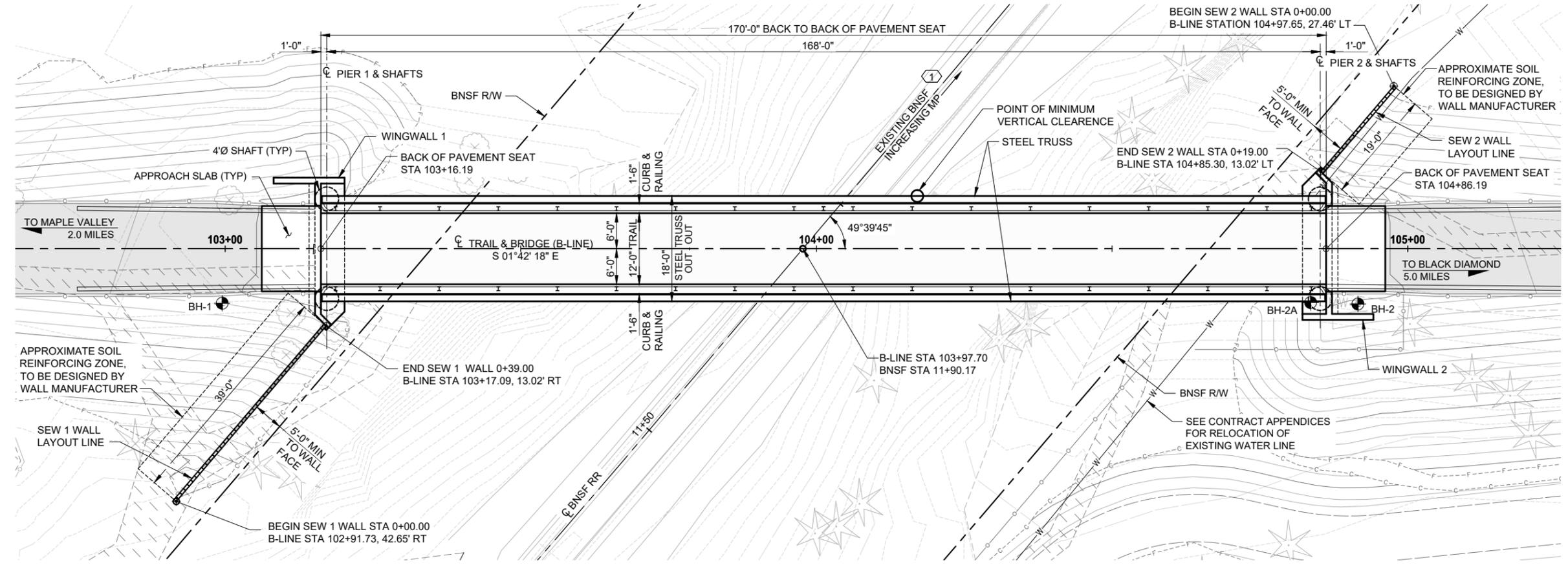
**King County**  
Department of Natural Resources and Parks  
Parks and Recreation Division  
Capital Projects Section  
201 S. Jackson St., Suite 5702, Seattle, WA 98104  
*John Taylor, Director*

**GREEN TO CEDAR RIVERS TRAIL**  
**SOUTH INTERIM SEGMENT A**  
SE KENT KANGLEY RD TO BLACK DIAMOND OPEN SPACE  
**STORM DRAINAGE DETAILS**

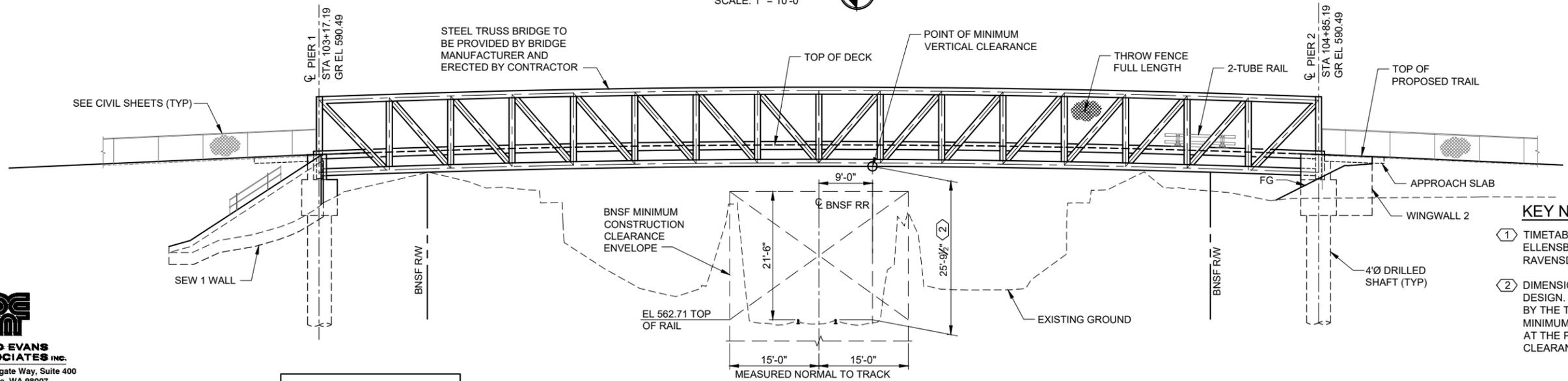
SHEET  
**52**  
OF  
**97**  
SHEETS  
**SD2**

**811**  
KNOW WHAT'S BELOW.  
CALL 2 BUSINESS DAYS  
BEFORE YOU DIG.  
(UTILITY LOCATIONS ARE APPROX.)

SEC. 34, T. 22 N., R. 06 E., W.M.



**BRIDGE PLAN**  
SCALE: 1" = 10'-0"



**BRIDGE ELEVATION**  
SCALE: 1" = 10'-0"

- KEY NOTES:**
- ① TIMETABLE: WEST TO AUBURN/EAST TO ELLENSBURG NEAREST RAILROAD STATION: RAVENSDALE
  - ② DIMENSION SHOWN IS BASED ON THE CURRENT DESIGN. ACTUAL DIMENSION TO BE DETERMINED BY THE TRUSS MANUFACTURER BASED ON THE MINIMUM VERTICAL CLEARANCE REQUIREMENT AT THE POINT OF MINIMUM VERTICAL CLEARANCE OF 23'-6".

LOADING: AASHTO PED LOAD-90 PSF OR HS20 TRUCK

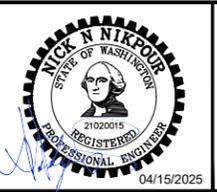
**811**  
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Bellevue, WA 98007  
425.519.6500

**REVISED 100% PLAN SUBMITTAL**

LATITUDE: 47°20'50" N  
LONGITUDE: 122°01'11" W  
MILEPOST: 89.8  
SUBDIVISION: STAMPEDE

GREEN TO CEDAR RIVERS TRAIL		PROJECT MANAGER: LINDA FRKUSKA, PLA			DESIGN TEAM	
PROJECT #	214-1521-231	3/2024	REV #	REVISION	BY	DATE
ISSUED						
APPROVED						
REVIEWED						
DRAWN						
					ARCH.	N/A
					STRUCT.	DAVID EVANS & ASSOCIATES
					CIVIL	PARAMETRIX
					L.ARCH	PARAMETRIX
					ENG.	PARAMETRIX



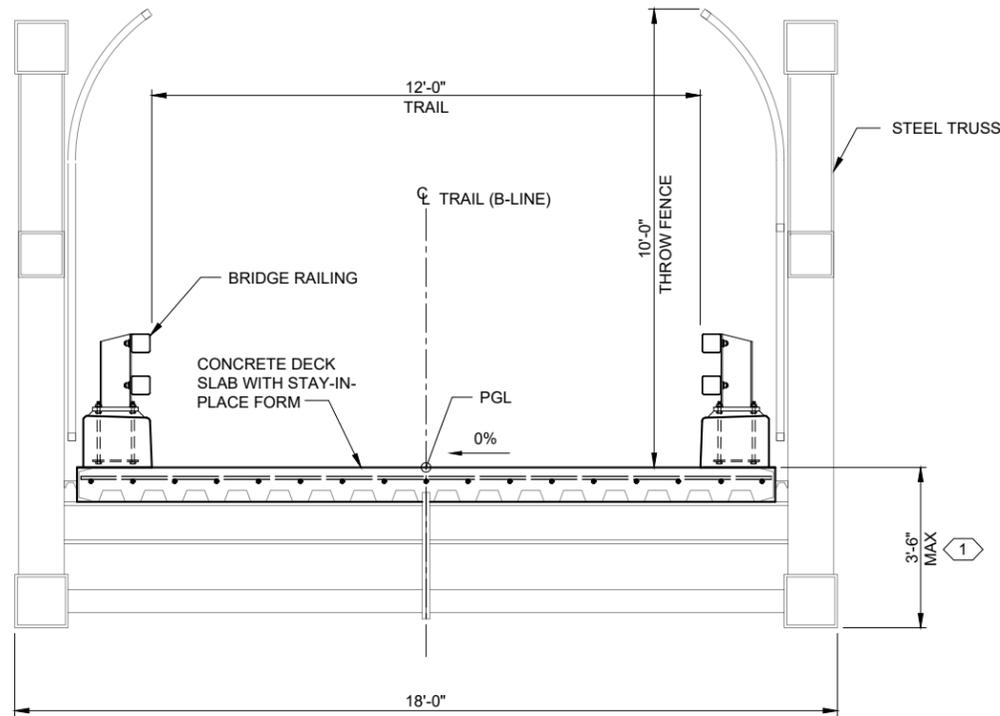
**King County**  
Department of Natural Resources and Parks  
Parks and Recreation Division  
Capital Projects Section  
201 S. Jackson St., Suite 700, Seattle, WA 98104  
John Taylor, Director

**GREEN TO CEDAR RIVERS TRAIL**  
**SOUTH INTERIM SEGMENT A**  
SE KENT KANGLEY RD TO BLACK DIAMOND OPEN SPACE  
**BRIDGE PLAN AND ELEVATION**

SHEET  
**70**  
OF  
**97**  
SHEETS  
**S1**

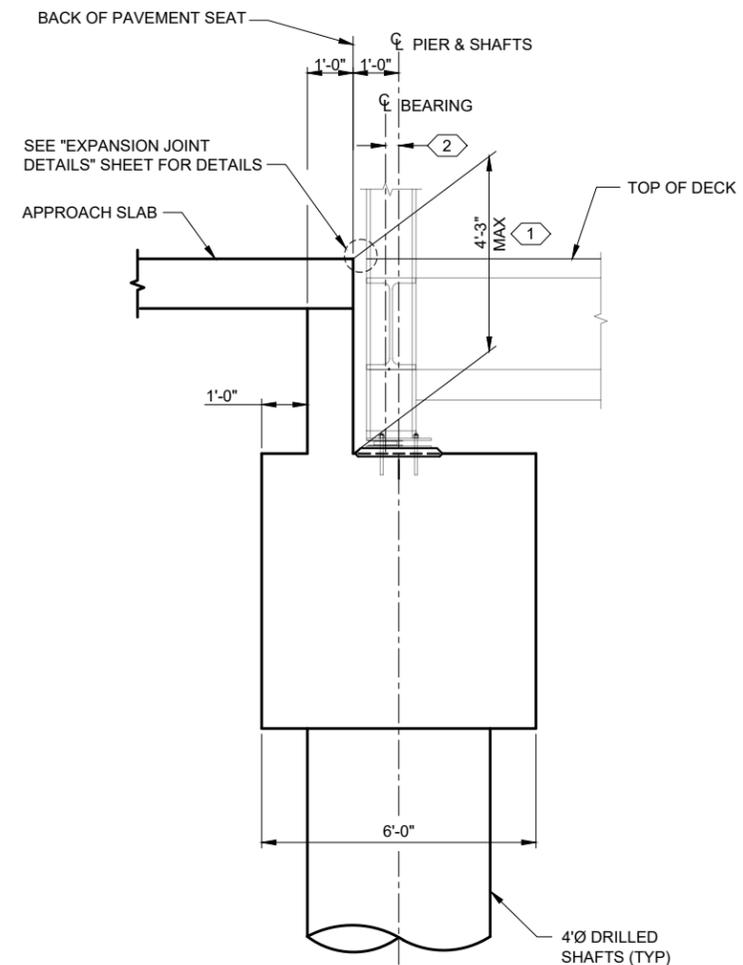
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TYPICAL BRIDGE SECTION

3



TYPICAL PIER SECTION

KEY NOTES:

- 1 ACTUAL DIMENSION TO BE DETERMINED BY THE TRUSS MANUFACTURER.
- 2 CENTERLINE BEARING OF TRUSS SHALL BE WITHIN 6" OF THE CENTERLINE OF PIER.
- 3 DECK AND CURB REINFORCING TO BE DETAILED BY THE BRIDGE MANUFACTURER.

**811**  
 KNOW WHAT'S BELOW.  
 CALL 2 BUSINESS DAYS  
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 (UTILITY LOCATIONS ARE APPROX.)

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GREEN TO CEDAR RIVERS TRAIL		PROJECT MANAGER: LINDA FRKUSKA, PLA			DESIGN TEAM	
PROJECT #	214-1521-231	3/2024	REV #	REVISION	BY	DATE
ISSUED						
APPROVED						
REVIEWED						
DRAWN						
					ARCH.	N/A
					STRUCT.	DAVID EVANS & ASSOCIATES
					CIVIL	PARAMETRIX
					L.ARCH	PARAMETRIX
					ENG.	PARAMETRIX



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**GREEN TO CEDAR RIVERS TRAIL**  
**SOUTH INTERIM SEGMENT A**  
 SE KENT KANGLEY RD TO BLACK DIAMOND OPEN SPACE  
**TYPICAL SECTION AND DETAILS**

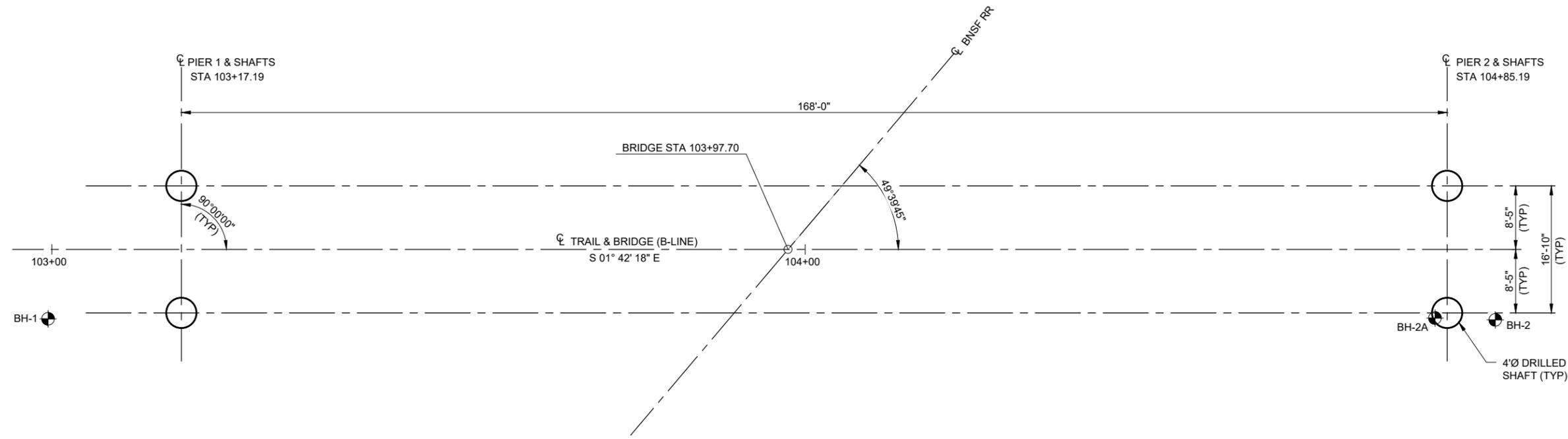
SHEET  
**72**  
 OF  
**97**  
 SHEETS  
**S3**

SEC. 34, T. 22 N., R. 06 E., W.M.

**NOTES:**

SEE "DRILLED SHAFT DETAILS" SHEET FOR SHAFT TOP AND TIP ELEVATIONS.

⊕ APPROXIMATE BOREHOLE LOCATIONS.



BRIDGE FOUNDATION LAYOUT



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PROJECT #	DATE	REV #	REVISION	BY	DATE	ARCH.	N/A
214-1521-231	3/2024					DAVID EVANS & ASSOCIATES	
ISSUED						STRUCT.	PARAMETRIX
APPROVED						CIVIL	PARAMETRIX
REVIEWED						L.ARCH	PARAMETRIX
DRAWN						ENG.	PARAMETRIX



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John Taylor, Director

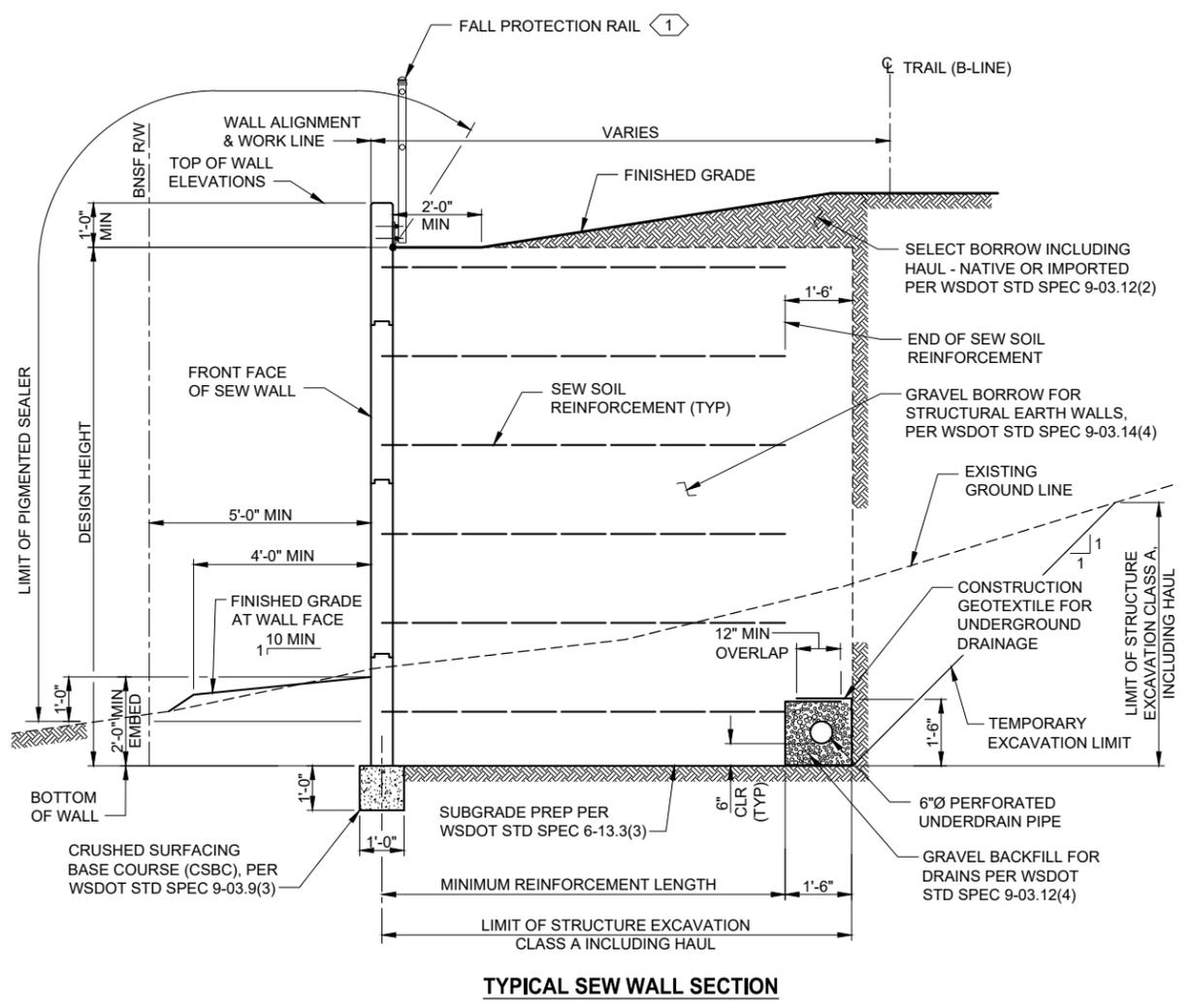
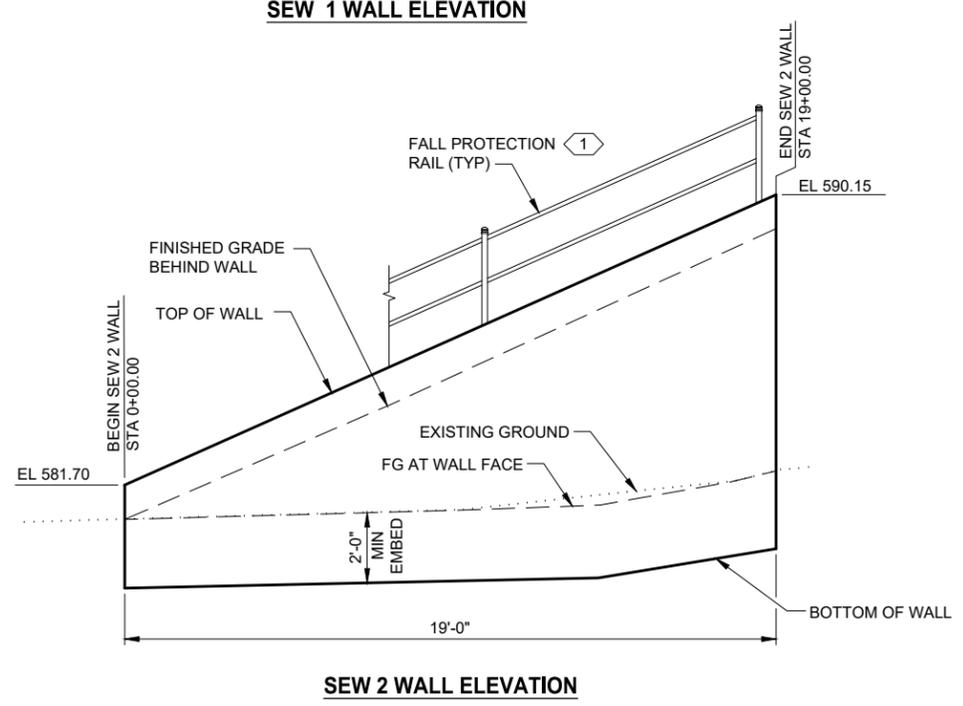
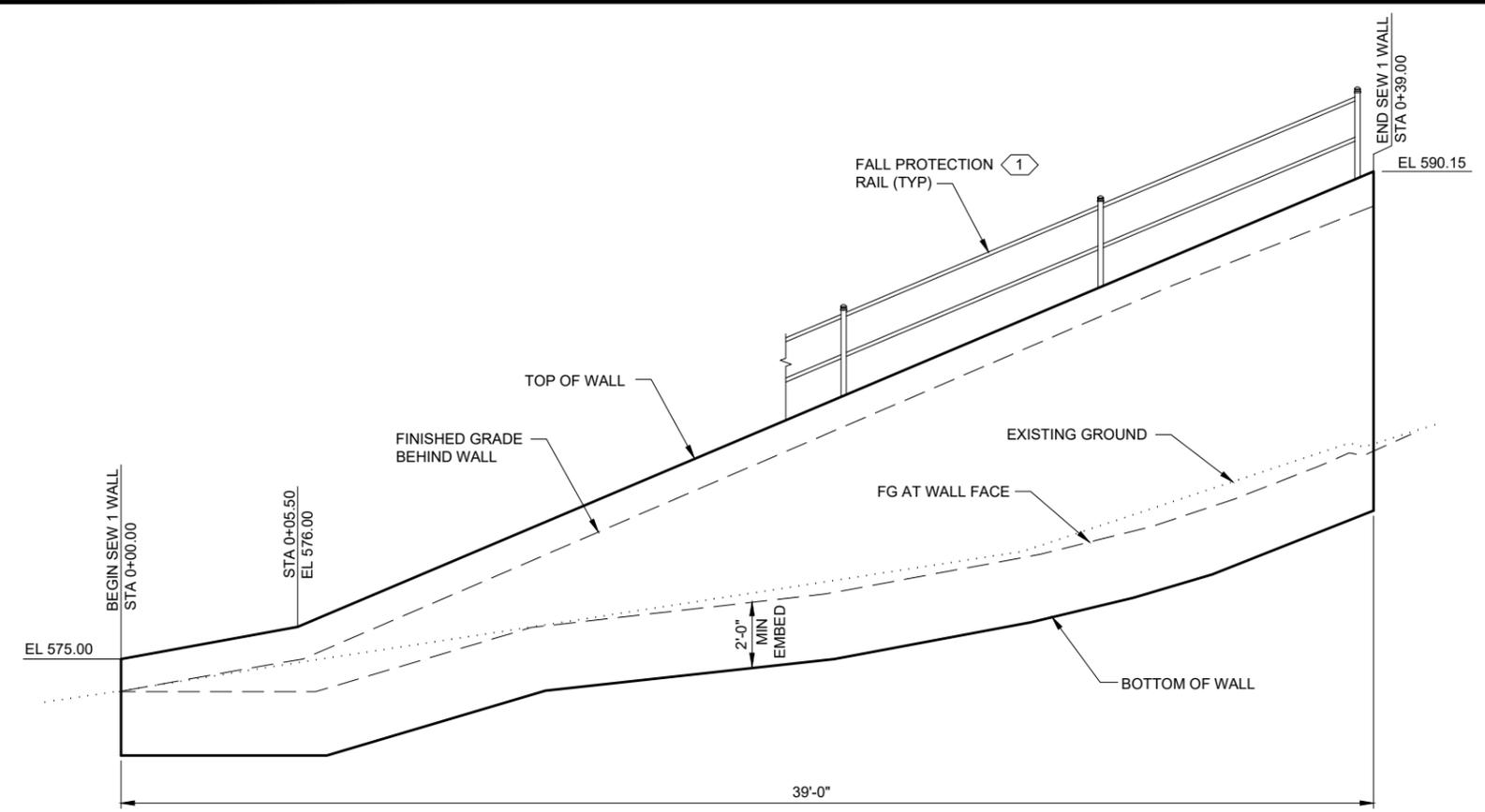
GREEN TO CEDAR RIVERS TRAIL  
SOUTH INTERIM SEGMENT A  
SE KENT KANGLEY RD TO BLACK DIAMOND OPEN SPACE  
**BRIDGE FOUNDATION LAYOUT**

SHEET  
73  
OF  
97  
SHEETS  
**S4**









LATITUDE: 47°20'50" N  
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 SUBDIVISION: STAMPEDE

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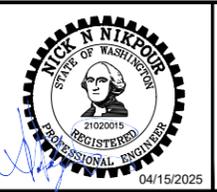
REVISED 100% PLAN SUBMITTAL

**KEY NOTES:**

1 REFER TO WSDOT'S "BRIDGE RAILING TYPE CHAIN LINK PIPE RAIL STANDARD PLAN L-5.10-02" FOR COMPLETE DETAILS.

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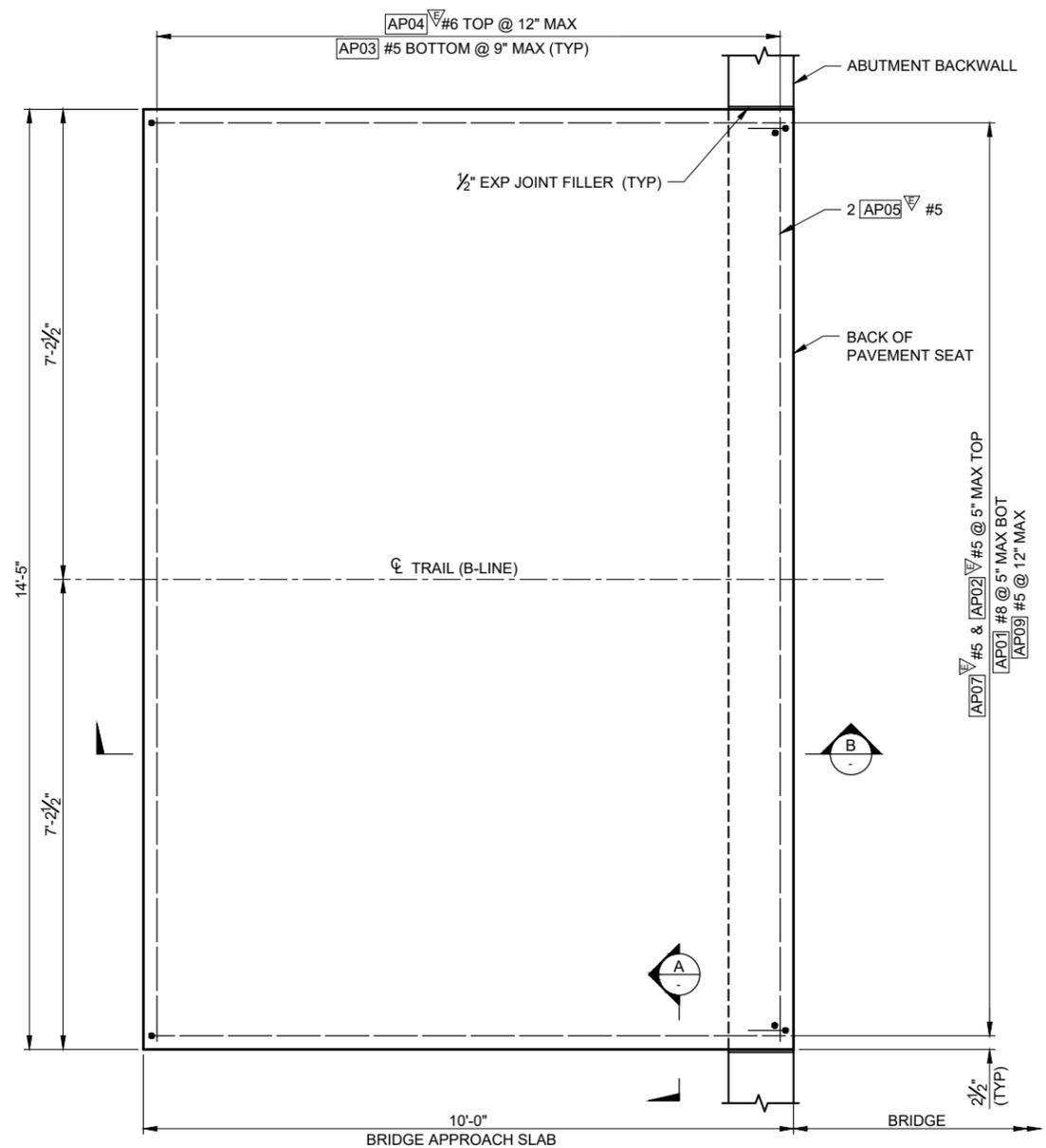
GREEN TO CEDAR RIVERS TRAIL			PROJECT MANAGER: LINDA FRKUSKA, PLA			DESIGN TEAM	
PROJECT #	DATE	REV #	REVISION	BY	DATE	ARCH.	N/A
214-1521-231	3/2024					STRUCT.	DAVID EVANS & ASSOCIATES
ISSUED						CIVIL	PARAMETRIX
APPROVED						L.ARCH	PARAMETRIX
REVIEWED						ENG.	PARAMETRIX
DRAWN							



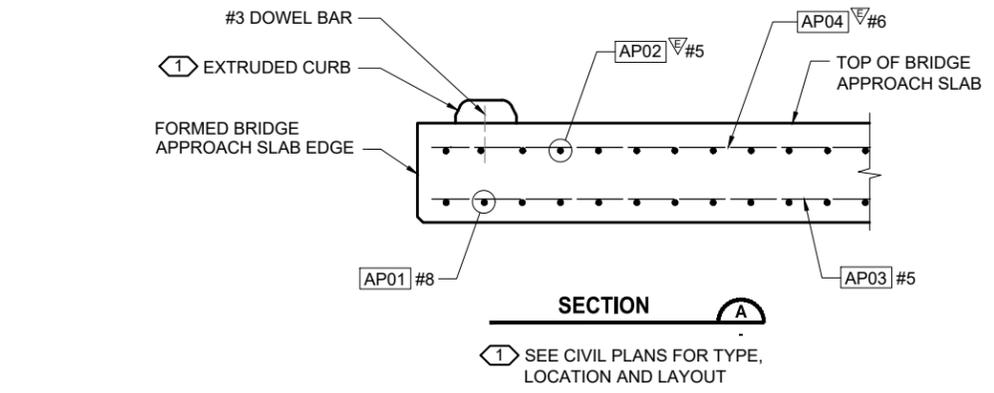
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 John Taylor, Director

**GREEN TO CEDAR RIVERS TRAIL**  
**SOUTH INTERIM SEGMENT A**  
 SE KENT KANGLEY RD TO BLACK DIAMOND OPEN SPACE  
**SEW WALL DETAILS**

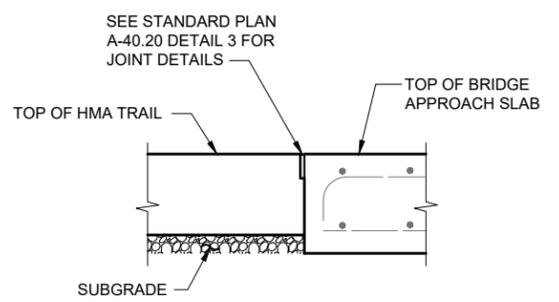
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 77  
 OF  
 97  
 SHEETS  
**S8**



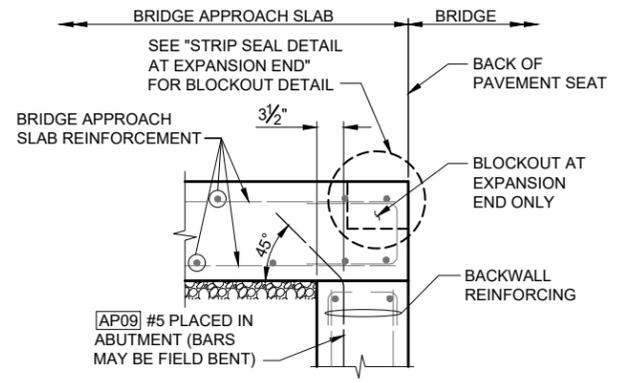
**PLAN**



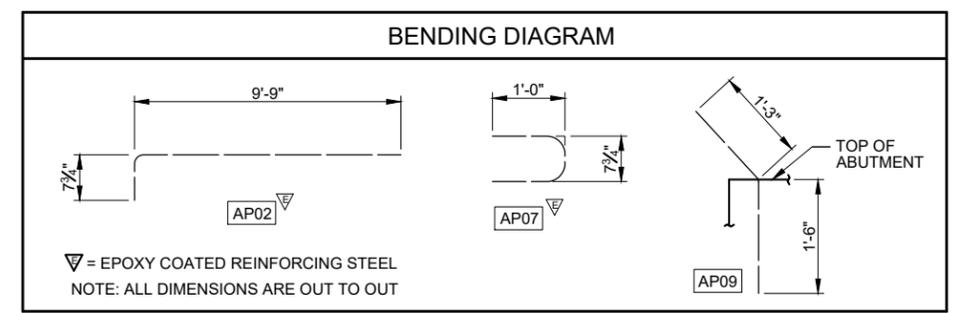
**SECTION A**



**HMA TRAIL JOINT DETAIL**



**ANCHOR DETAIL**

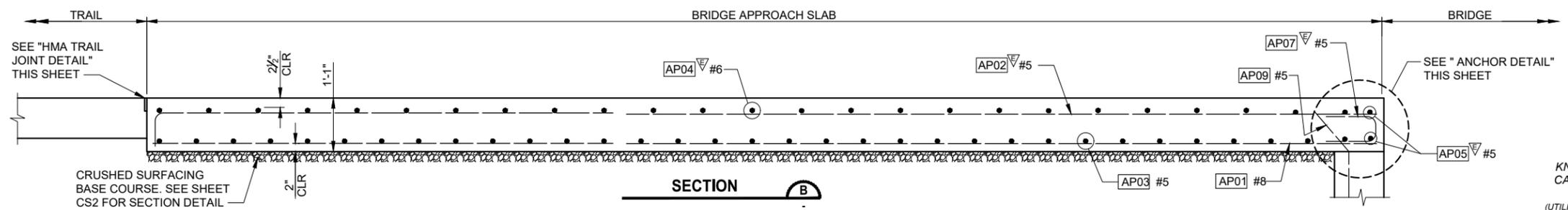


**BENDING DIAGRAM**

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 LONGITUDE: 122°01'11" W  
 MILEPOST: 89.8  
 SUBDIVISION: STAMPEDE

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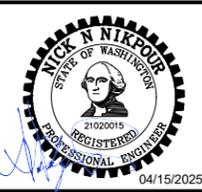
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**SECTION B**

**811**  
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 BEFORE YOU DIG.  
 (UTILITY LOCATIONS ARE APPROX.)

GREEN TO CEDAR RIVERS TRAIL		PROJECT MANAGER: LINDA FRKUSKA, PLA			DESIGN TEAM		
PROJECT #	DATE	REV #	REVISION	BY	DATE	ARCH.	N/A
214-1521-231	3/2024					STRUC.	DAVID EVANS & ASSOCIATES
ISSUED						CIVIL	PARAMETRIX
APPROVED						L.ARCH	PARAMETRIX
REVIEWED						ENG.	PARAMETRIX
DRAWN							



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 John Taylor, Director

**GREEN TO CEDAR RIVERS TRAIL  
 SOUTH INTERIM SEGMENT A**  
 SE KENT KANGLEY RD TO BLACK DIAMOND OPEN SPACE  
**BRIDGE APPROACH SLAB DETAILS**

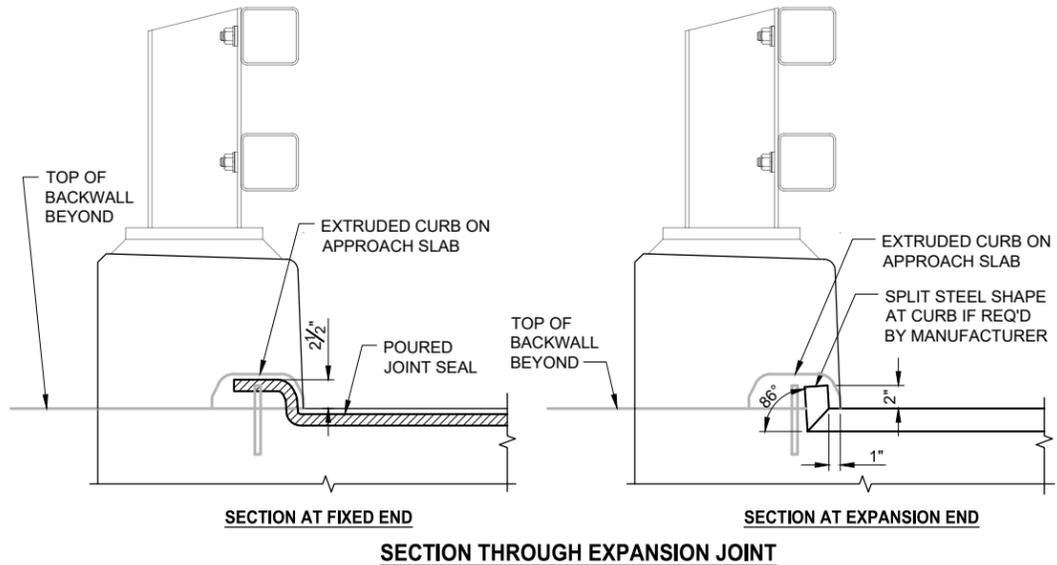
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 OF  
**97**  
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**S9**



**EXPANSION JOINT COVER PLATE NOTES:**

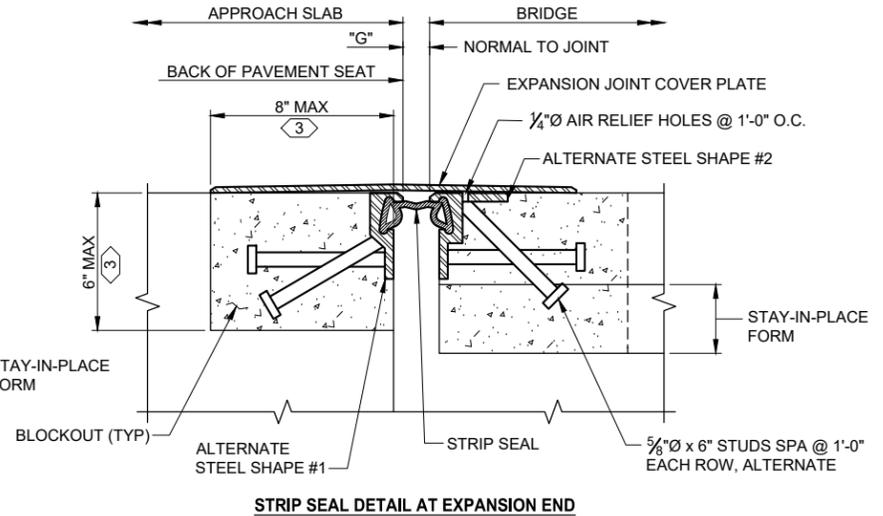
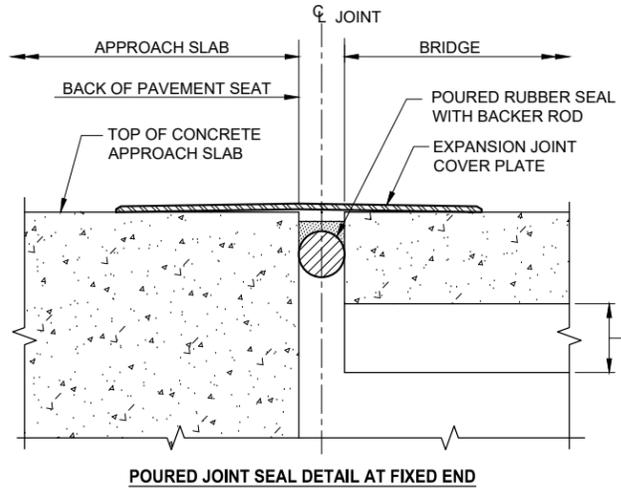
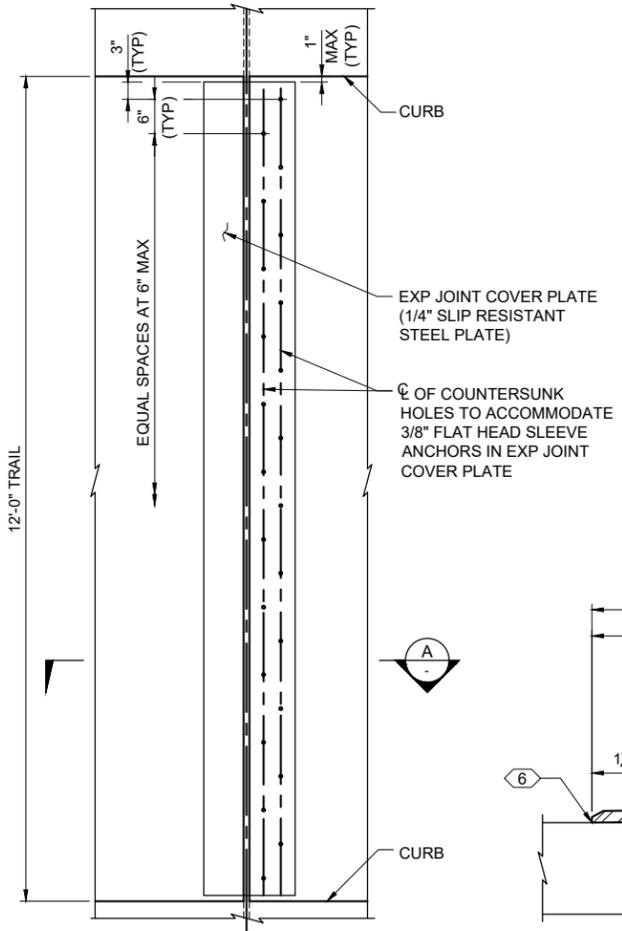
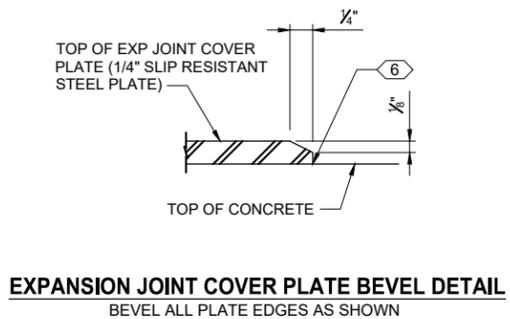
- EXPANSION JOINT COVER PLATES MUST BE HOT-DIPPED GALVANIZED 1/4" SLIP RESISTANT STEEL PLATE. CHECKER PLATE OR DIAMOND PLATE IS NOT ALLOWED NOR ARE SLIP RESISTANT TAPES, FILMS AND NON-METALLIC COATINGS. MINIMUM REQUIRED YIELD STRENGTH OF STEEL PLATE IS 36 KSI.
- HOT-DIP GALVANIZE SLIP RESISTANT STEEL PLATE AFTER FABRICATION IN ACCORDANCE WITH AASHTO M110 OR AASHTO M232 AS APPLICABLE.
- PROVIDE STAINLESS STEEL FLAT HEAD SLEEVE ANCHORS MEETING THE REQUIREMENTS OF ASTM F 593, GROUP I, ALLOY 304. COUNTERSINK HOLES IN SLIP-RESISTANT PLATE FOR SLEEVE ANCHORS. DRILL HOLES IN CONCRETE AS PER SLEEVE ANCHOR MANUFACTURER'S RECOMMENDATIONS. INSTALL SLEEVE ANCHORS FLUSH WITH, OR SLIGHTLY RECESSED BELOW, TOP SURFACE OF EXPANSION JOINT COVER PLATE.

APPROVED SLIP RESISTANT PLATE	
PRODUCT	MANUFACTURER WEBSITE
MEBAC® #3, STEEL	WWW.HARSCOIKG.COM
ALGRIP™, STEEL	WWW.ALGRIP.COM
SLIPNOT® GRADE 2, STEEL	WWW.SLIPNOT.COM



		STEEL SHAPE TYPES								
MANUFACTURER	ITEM NAME	BRIDGE DECK			TRAFFIC BARRIERS/CURBS					
		TYPE	S	T	TYPE	V	W	TYPE	X	Y
D. S. BROWN	DSB STRIP SEAL	SSCM2	1 1/4"	3 3/4"	SSA2 <1>	1 1/4"	2"	SSE2M <1>	1"	1 1/2"
WATSON BOWMAN ACME	WABO STRIP SEAL	R	1 1/4"	3 1/4"	A	1 1/4"	2"	E	1 1/2"	1 1/2"
R.J. WATSON, INC.	RJ STRIP SEAL	RJM	2 3/4"	3 1/4"	RJA	1 1/4"	2"	RJE	1 1/4"	1 1/2"

		3" MOTION RANGE					
MANUFACTURER	ITEM NAME	OPENING "G" NORMAL TO JT		MIN INSTALLATION WIDTH NORMAL TO JOINT	OPENING "G" NORMAL TO JT		
		MIN	MAX		@ 40°F	@ 64°F	@ 80°F
D. S. BROWN	A2R-400 OR E2M-SEAL <2>	1/2"	4 1/2"	2"	1.82	1.50	1.29
WATSON BOWMAN ACME	WABO STRIP SEAL SE-300	0"	3"	1 1/2"	1.82	1.50	1.29
R.J. WATSON, INC.	R.J. STRIP SEAL 300	0"	3"	1 1/2"	1.82	1.50	1.29



NOTE: CONTRACTOR SHALL NOTIFY ENGINEER IF JOINT SYSTEM CONFLICTS WITH PREMANUFACTURED BRIDGE DECK DESIGN

**KEY NOTES:**

- ALTERNATIVELY, TRIM VERTICAL LEG OF SSCM2 SHAPE FOR USE IN THE CURBS.
- USE E2M-SEAL WITH SSE2M SHAPE ONLY.
- APPROACH SLAB ONLY. SURFACE TO BE SMOOTH.
- 3/8" x 2 1/2" MIN, FLAT HEAD SLEEVE ANCHORS, STAINLESS STEEL. COUNTERSINK FLAT HEAD SLEEVE ANCHORS IN 1/4" SLIP RESISTANT STEEL PLATE.
- IT IS NOT NECESSARY TO REMOVE PLATE CROWN PROVIDED THE PLATE IS FIRMLY SECURED TO THE CONCRETE SURFACE.
- TRANSVERSE EDGES MUST BE IN CONTACT WITH CONCRETE SURFACE AFTER INSTALLATION.

**811**  
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(UTILITY LOCATIONS ARE APPROX.)

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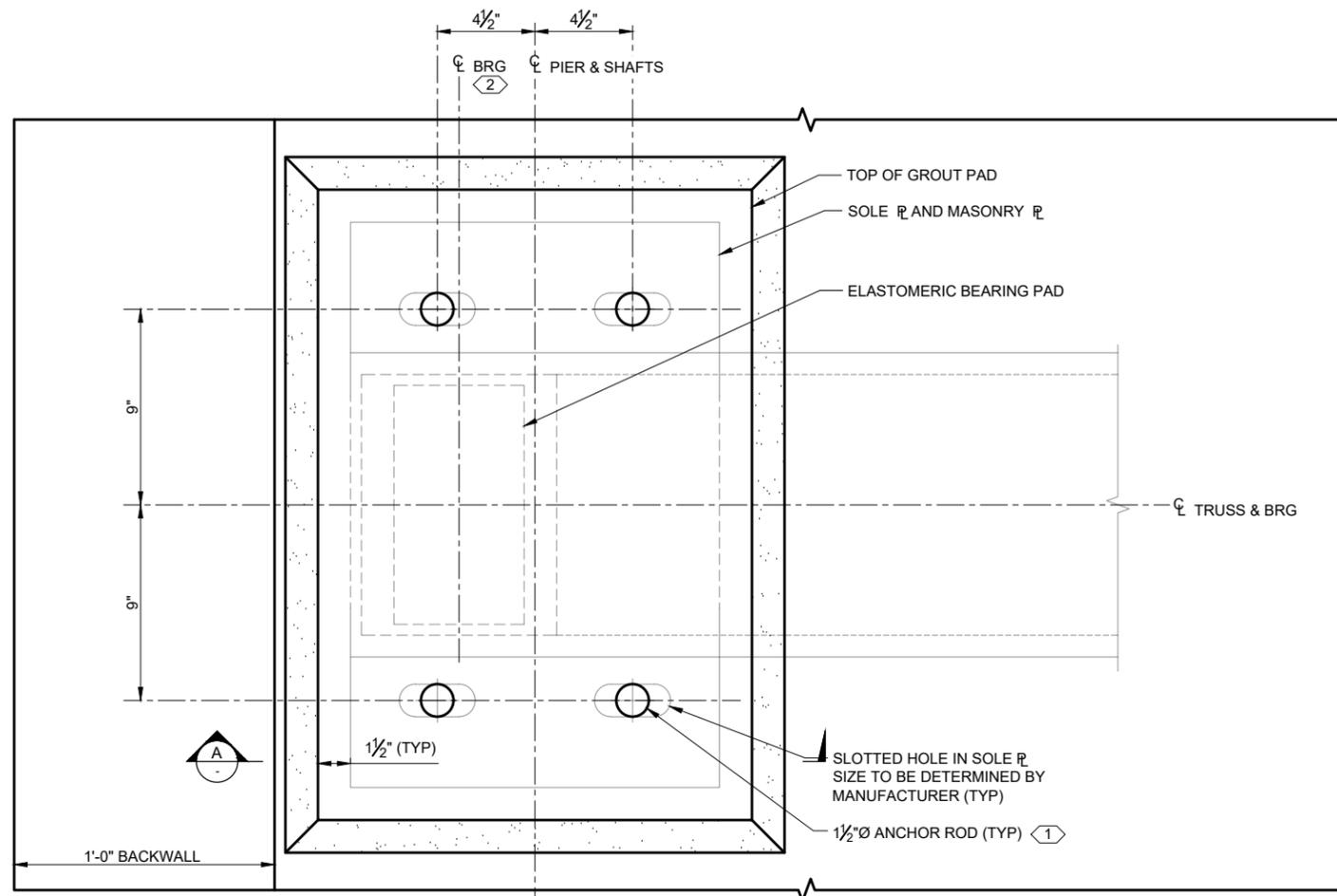
**REVISED 100% PLAN SUBMITTAL**

GREEN TO CEDAR RIVERS TRAIL		PROJECT MANAGER: LINDA FRKUSKA, PLA			DESIGN TEAM	
PROJECT #	DATE	REV #	REVISION	BY	DATE	ARCH.
214-1521-231	3/2024					N/A
ISSUED						DAVID EVANS & ASSOCIATES
APPROVED						PARAMETRIX
REVIEWED						PARAMETRIX
DRAWN						PARAMETRIX



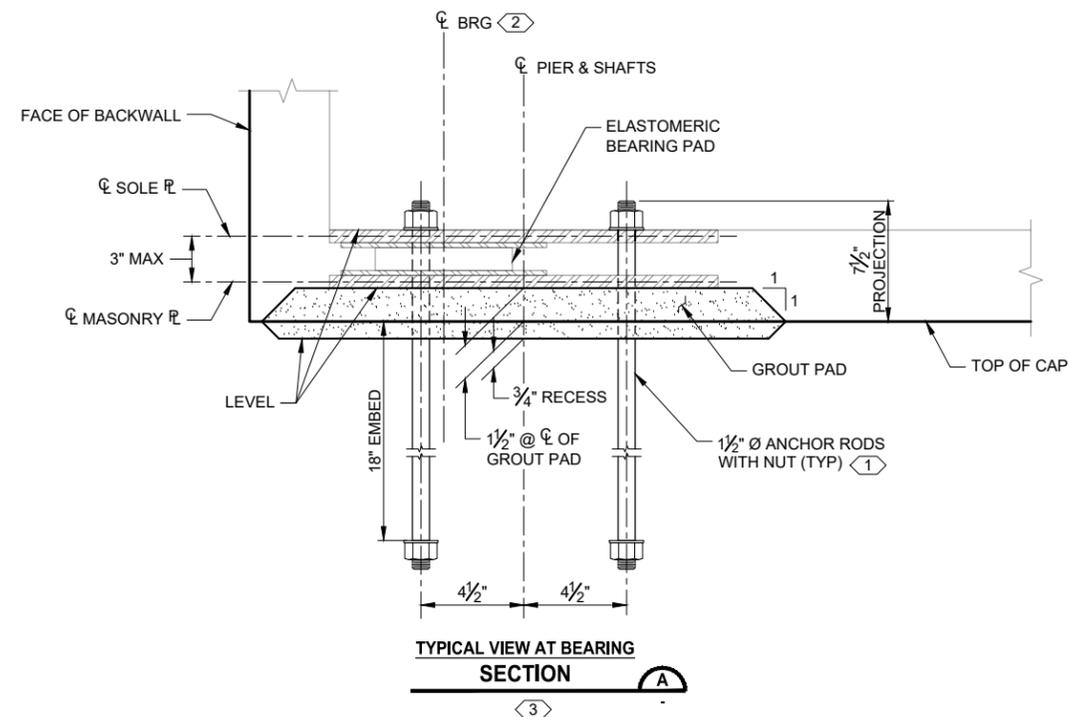
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Parks and Recreation Division  
Capital Projects Section  
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John Taylor, Director

GREEN TO CEDAR RIVERS TRAIL SOUTH INTERIM SEGMENT A SE KENT KANGLEY RD TO BLACK DIAMOND OPEN SPACE		SHEET 80 OF 97 SHEETS
<b>EXPANSION JOINT DETAILS</b>		<b>S11</b>



**BEARING LAYOUT PLAN**

3



**TYPICAL VIEW AT BEARING SECTION**

3

**SUPERSTRUCTURE AND BEARING LOADS**

BEARING REACTIONS	P (K)	T (K)	LT (K)	LS (K)	M (K-FT)
DEAD (DC)	137.04	-	-	-	68.52
DEAD (DW) (0 PSF)	0.00	-	-	-	-
LIVE (PL) (90 PSF)	71.52	-	-	-	35.76
VEHICLE (LL) (HS20) <4>	72.94	-	-	-	36.47
WIND (WS) (110 MPH) +/-	15.60	45.60	-	-	7.80
OVERTURNING (WSWV) (20 PSF)	-23.76	-	-	-	-11.88
OVERTURNING (WSVL) (20 PSF)	-8.76	-	-	-	-4.38
THERMAL (TU) (9% OF DL)	-	-	12.36	-	-
SEISMIC (EQ)	-	130.00	-	130.00	-

**NOTES:**

TOTAL LIFTING WEIGHT OF BRIDGE = 222.12 KIPS  
 P - VERTICAL LOAD EACH BEARING  
 T - TRANSVERSE LOAD EACH ABUTMENT  
 LT - LONGITUDINAL THERMAL LOAD EACH BEARING (4 PER BRIDGE)  
 LS - LONGITUDINAL SEISMIC LOAD EACH FIXED BEARING (2 PER BRIDGE)  
 M - MOMENT DUE TO BEARING ECCENTRICITY  
 WSWV - OVERTURNING ON WINDWARD TRUSS  
 WSVL - OVERTURNING ON LEEWARD TRUSS  
 ALL BEARING REACTIONS ARE UNFACTORED.  
 SEISMIC BEARING REACTIONS INCLUDE AN R FACTOR OF 1.0

**KEY NOTES:**

- 1 ANCHOR RODS SHALL BE CAST-IN-PLACE.
- 2 CENTERLINE BEARING OF TRUSS SHALL BE WITHIN 6" OF THE CENTERLINE OF PIER AND SHAFTS.
- 3 BEARING ASSEMBLIES SHALL BE DESIGNED AND DETAILED BY THE TRUSS MANUFACTURER. THE EXPANSION END SCHEMATIC DETAIL IS PROVIDED FOR ILLUSTRATIVE PURPOSES ONLY.
- 4 INCLUDES IMPACT 1.33 FOR DESIGN TRUCK.

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214-1521-231	3/2024					N/A
ISSUED						DAVID EVANS & ASSOCIATES
APPROVED						PARAMETRIX
REVIEWED						PARAMETRIX
DRAWN						PARAMETRIX



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 John Taylor, Director

**GREEN TO CEDAR RIVERS TRAIL**  
**SOUTH INTERIM SEGMENT A**  
 SE KENT KANGLEY RD TO BLACK DIAMOND OPEN SPACE  
**BEARING DETAILS**

SHEET  
**81**  
 OF  
**97**  
 SHEETS  
**S12**

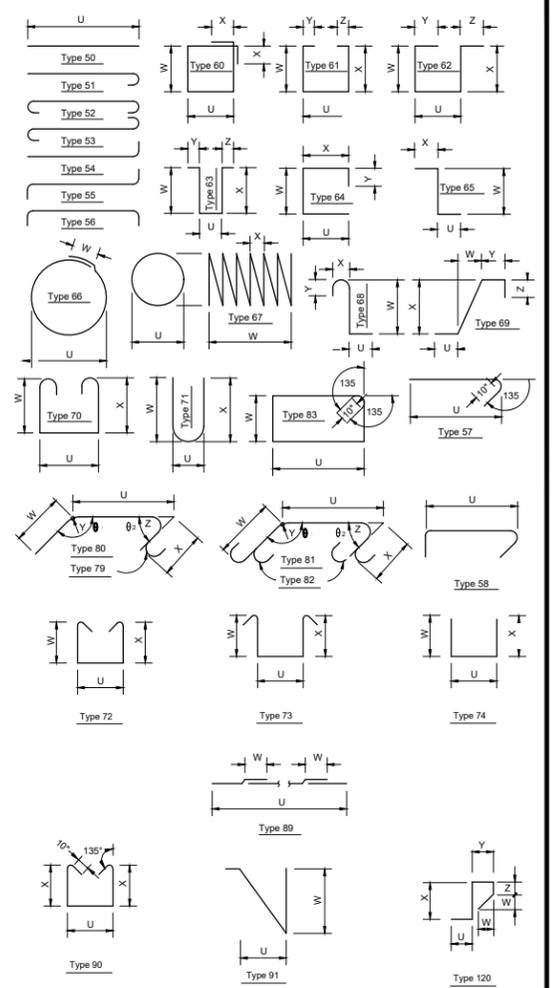
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DIMENSIONS (OUT TO OUT)  
 S=BAR IS INCLUDED IN SUBSTRUCTURE QUANTITIES  
 T=TIE OR STIRRUP  
 E=BAR IS TO BE EPOXY COATED

MARK #	DESCRIPTION	SIZE	NUM REQD	BEND	TIE	SUBS	EPOXY	VARIES	# EA	U		W		X		Y		Z		Ø1	Ø2	LENGTH	
										FT	IN	FT	IN	FT	IN	FT	IN	FT	IN	DEG	DEG	FT	IN
<b>SHAFTS - ASSOCIATED WITH BID ITEM "CONSTRUCTING 4 FT. DIAM SHAFT"</b>																							
S101	PIER 1 SHAFT LONG.	10	32	50		S				50	11.4											50	11.4
S102	PIER 1 SHAFT SPIRAL	5	2	67		S				3	4.0	50	11.4	0	6.0	2	0.0	60	0.0			1086	8.5
S201	PIER 2 SHAFT LONG.	10	32	50		S				50	11.4											50	11.4
S202	PIER 2 SHAFT SPIRAL	5	2	67		S				3	4.0	50	11.4	0	6.0	2	0.0	60	0.0			1086	8.5
<b>PIER 1 CAP - ASSOCIATED WITH BID ITEM "ST. REINF. BAR FOR BRIDGE"</b>																							
P101	LONG. BOT.	8	10	50			V		1	21	10.5											21	10.5
P102	LONG. TOP	8	20	54						25	1.5											25	1.5
P103	LONG. FF	5	10	80						14	9.0											15	10.5
P104	LONG. NF	5	10	80						21	10.5	4	4.2	0	0.0	0	3.0	0	0.0	135.0	0.0	26	2.3
P111	TRANS. STIRRUP	5	44	72	T					3	2.7	5	7.5	5	7.5							15	2.2
P112	TRANS. TIE	5	88	58	T					5	9.0											6	6.9
P113	TRANS. STIRRUP	5	1	72	T					2	3.4	5	7.5	5	7.5							14	2.9
P114	TRANS. TIE	5	4	58	T					2	3.4											3	1.3
P115	TRANS. STIRRUP	5	2	72	T					2	8.7	5	7.5	5	7.5							14	8.2
P116	TRANS. TIE	5	4	58	T					4	3.4											5	1.3
P117	END CORNER	5	6	80						2	0.0	2	0.0	0	0.0	0	3.0	0	0.0	90.0	0.0	3	10.2
<b>PIER 1 BACKWALL - ASSOCIATED WITH BID ITEM "ST. REINF. BAR FOR BRIDGE"</b>																							
P121	TRANS. BACKWALL	6	52	50	T					9	10.5											9	10.5
P122	BACKWALL WW ATTACHMENT	6	4	54						6	0.0											6	10.1
P123	LONG. BACKWALL NF	4	4	80						22	10.0	2	11.5	0	0.0	0	2.0	0	0.0	135.0	0.0	25	9.2
P124	LONG. BACKWALL FF	4	4	80						23	8.8	0	6.0	0	0.0	0	2.0	0	0.0	135.0	0.0	24	2.5
P125	TRANS. TOP BACKWALL	4	23	56	T					0	9.0											1	3.9
P126	TRANS. TOP BACKWALL	4	3	56	T					0	6.0											1	0.9
P127	LONG. BACKWALL BEND	4	4	80						3	6.0	0	8.0	0	0.0	0	2.0	0	0.0	135.0	0.0	4	1.7
P175	VERT. BACKWALL CORNER	4	1	50	T					9	10.5											9	10.5
P176	LONG. CORNER BEND	4	11	54						1	0.0											1	6.7
<b>PIER 1 WINGWALL - ASSOCIATED WITH BID ITEM "ST. REINF. BAR FOR BRIDGE"</b>																							
W100	LONG. BOT.	8	2	50						11	9.0											11	9.0
W101	LONG. TOP	8	2	50						11	9.0											11	9.0
W110	LONG. FF. BOT. WALL	6	11	50						11	9.0											11	9.0
W111	LONG. FF. TOP WALL	6	4	50						11	9.0											11	9.0
W112	LONG. NF. BOT. WALL	5	10	50						11	9.0											11	9.0
W120	TRANS. VERT	5	26	50	T					9	10.5											9	10.5
W125	TRANS. TOP	5	13	56	T					0	9.0											1	5.7
<b>PIER 2 CAP - ASSOCIATED WITH BID ITEM "ST. REINF. BAR FOR BRIDGE"</b>																							
P201	LONG. BOT.	8	10	50			V		1	21	10.5											21	10.5
P202	LONG. TOP	8	20	54						25	1.5											25	1.5
P203	LONG. FF	5	10	80						14	9.0											15	10.5
P204	LONG. NF	5	10	80						21	10.5	4	4.2	0	0.0	0	3.0	0	0.0	135.0	0.0	26	2.3
P211	TRANS. STIRRUP	5	44	72	T					3	2.7	5	7.5	5	7.5							15	2.2
P212	TRANS. TIE	5	88	58	T					5	9.0											6	6.9
P213	TRANS. STIRRUP	5	1	72	T					2	3.4	5	7.5	5	7.5							14	2.9
P214	TRANS. TIE	5	4	58	T					2	3.4											3	1.3
P215	TRANS. STIRRUP	5	2	72	T					2	8.7	5	7.5	5	7.5							14	8.2
P216	TRANS. TIE	5	4	58	T					4	3.4											5	1.3
P217	END CORNER	5	6	80						2	0.0	2	0.0	0	0.0	0	3.0	0	0.0	90.0	0.0	3	10.2

**REINFORCEMENT BENDING DIAGRAMS**



**REINFORCING NOTES:**

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LATITUDE: 47°20'50" N  
 LONGITUDE: 122°01'11" W  
 MILEPOST: 89.8  
 SUBDIVISION: STAMPEDE

**REVISED 100% PLAN SUBMITTAL**

GREEN TO CEDAR RIVERS TRAIL		PROJECT MANAGER: LINDA FRKUSKA, PLA			DESIGN TEAM	
PROJECT #	214-1521-231	3/2024	REV #	REVISION	BY	DATE
ISSUED						
APPROVED						
REVIEWED						
DRAWN						
					ARCH.	N/A
					STRUCT.	DAVID EVANS & ASSOCIATES
					CIVIL	PARAMETRIX
					L.ARCH	PARAMETRIX
					ENG.	PARAMETRIX

**King County**  
 Department of Natural Resources and Parks  
 Parks and Recreation Division  
 Capital Projects Section  
 201 S. Jackson St., Suite 700, Seattle, WA 98104  
 John Taylor, Director

**GREEN TO CEDAR RIVERS TRAIL**  
**SOUTH INTERIM SEGMENT A**  
 SE KENT KANGLEY RD TO BLACK DIAMOND OPEN SPACE  
**BAR LIST 1 OF 2**

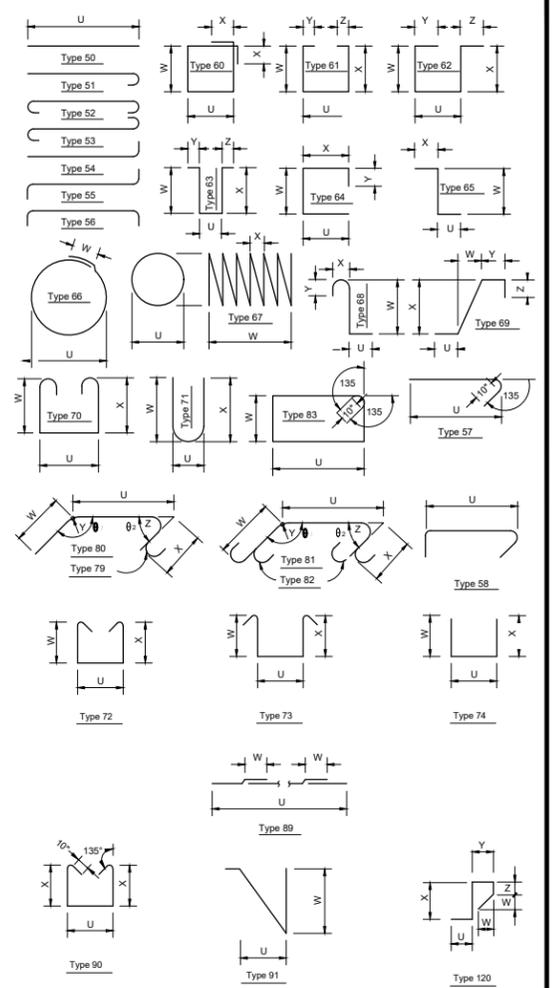
SHEET  
**82**  
 OF  
**97**  
 SHEETS  
**S13**

**811**  
 KNOW WHAT'S BELOW.  
 CALL 2 BUSINESS DAYS  
 BEFORE YOU DIG.  
 (UTILITY LOCATIONS ARE APPROX.)

S=BAR IS INCLUDED IN SUBSTRUCTURE QUANTITIES  
 T=TIE OR STIRRUP  
 E=BAR IS TO BE EPOXY COATED

MARK #	DESCRIPTION	SIZE	NUM REQD	BEND	TIE	SUBS	EPOXY	VARIES	# EA	U		W		X		Y		Z		Ø1	Ø2	LENGTH		
										FT	IN	FT	IN	FT	IN	FT	IN	FT	IN	DEG	DEG	FT	IN	
<b>PIER 2 BACKWALL - ASSOCIATED WITH BID ITEM "ST. REINF. BAR FOR BRIDGE"</b>																								
P221	TRANS. BACKWALL	6	52	50	T						9	10.5										9	10.5	
P222	BACKWALL WW ATTACHMENT	6	4	54							6	0.0										6	10.1	
P223	LONG. BACKWALL NF	4	4	80							22	10.0	2	11.5	0	0.0	0	2.0	0	0.0	135.0	0.0	25	9.2
P224	LONG. BACKWALL FF	4	4	80							23	8.7	0	6.0	0	0.0	0	2.0	0	0.0	135.0	0.0	24	2.4
P225	TRANS. TOP BACKWALL	4	23	56	T						0	9.0										1	3.9	
P226	TRANS. TOP BACKWALL	4	3	56	T						0	6.0										1	0.9	
P227	LONG. BACKWALL BEND	4	4	80							3	6.0	0	8.0	0	0.0	0	2.0	0	0.0	135.0	0.0	4	1.7
P275	VERT. BACKWALL CORNER	4	1	50	T						9	10.5										9	10.5	
P276	LONG. CORNER BEND	4	11	54							1	0.0										1	6.7	
<b>PIER 2 WINGWALL - ASSOCIATED WITH BID ITEM "ST. REINF. BAR FOR BRIDGE"</b>																								
W200	LONG. BOT.	8	2	50							11	9.0										11	9.0	
W201	LONG. TOP	8	2	50							11	9.0										11	9.0	
W210	LONG. FF. BOT. WALL	6	11	50							11	9.0										11	9.0	
W211	LONG. FF. TOP WALL	6	4	50							11	9.0										11	9.0	
W212	LONG. NF. BOT. WALL	5	10	50							11	9.0										11	9.0	
W220	TRANS. VERT	5	26	50	T						9	10.5										9	10.5	
W225	TRANS. TOP	5	13	56	T						0	9.0										1	5.7	
<b>APPROACH SLAB - ASSOCIATED WITH BID ITEM "BRIDGE APPROACH SLAB"</b>																								
AP01	LONG. BOT.	8	68	50							9	9.0										9	9.0	
AP02	LONG. TOP	5	68	54			E				9	9.0										10	5.4	
AP03	TRANS. BOT.	5	30	50							14	2.0										14	2.0	
AP04	TRANS. TOP	6	20	50			E				14	2.0										14	2.0	
AP07	TRANS BRIDGE SIDE	5	68	71	T		E				0	7.8	1	0.0	1	0.0						2	3.5	
AP09	CONNECTION BAR	5	28	80	T						1	6.0	1	3.0	0	0.0	0	2.0	0	0.0	135.0	0.0	2	8.7

**REINFORCEMENT BENDING DIAGRAMS**



**REINFORCING NOTES:**

- 1. ALL REINFORCING BARS ON THIS SHEET SHALL BE ASTM A706 UNLESS SHOWN OTHERWISE.

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**DAVID EVANS AND ASSOCIATES INC.**  
 14432 SE Eastgate Way, Suite 400  
 Bellevue, WA 98007  
 425.519.6500

LATITUDE: 47°20'50" N  
 LONGITUDE: 122°01'11" W  
 MILEPOST: 89.8  
 SUBDIVISION: STAMPEDE

**REVISED 100% PLAN SUBMITTAL**

GREEN TO CEDAR RIVERS TRAIL			PROJECT MANAGER: LINDA FRKUSKA, PLA			DESIGN TEAM		<p><b>King County</b>                  Department of Natural Resources and Parks                  Parks and Recreation Division                  Capital Projects Section                  201 S. Jackson St., Suite 700, Seattle, WA 98104                  John Taylor, Director</p>	<p><b>GREEN TO CEDAR RIVERS TRAIL SOUTH INTERIM SEGMENT A</b>                  SE KENT KANGLEY RD TO BLACK DIAMOND OPEN SPACE</p>			<p>SHEET <b>83</b> OF <b>97</b> SHEETS</p>		
PROJECT #	214-1521-231	3/2024	REV #	REVISION	BY	DATE	ARCH.							N/A
ISSUED							STRUCT.							DAVID EVANS & ASSOCIATES
APPROVED							CIVIL							PARAMETRIX
REVIEWED							L.ARCH							PARAMETRIX
DRAWN							ENG.	PARAMETRIX	<b>BAR LIST 2 OF 2</b>		<b>S14</b>			

**811**  
 KNOW WHAT'S BELOW.  
 CALL 2 BUSINESS DAYS BEFORE YOU DIG.  
 (UTILITY LOCATIONS ARE APPROX.)



FORTE, CHRISTINA R  
28226 241ST AVE SE  
MAPLE VALLEY, WA 98038

RAMACHANDRAN, KARTHICK/NAGAR  
28230 241ST AVE SE  
MAPLE VALLEY, WA 98038

PADIERNOS, CAROL ANN GRAVES  
28218 241ST AVE SE  
MAPLE VALLEY, WA 98038

DIAZ DE LEON LUIS ALFONSO I  
28234 241ST AVE SE  
MAPLE VALLEY, WA 98038

BURNS, MAUREEN  
28229 241ST AV SE  
MAPLE VALLEY, WA 98038

NORDBERG, TAWNYA  
28222 241ST AVE SE  
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NEARY, KAITLYN  
28238 241ST AVE SE  
MAPLE VALLEY, WA 98038

PARUOLO, SUSAN E  
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MAPLE VALLEY, WA 98038

MILLS, CHRISTOPHER J  
28242 241ST AVE SE  
MAPLE VALLEY, WA 98038

GLACIER VALLEY LLC DIV 3  
4850 CALIFORNIA AVE SW  
SEATTLE WA 98116

MACKENZIE GREGORY  
S+KATHRYN  
28218 MAPLE VALLEY  
BLACK DIAMON  
MAPLE VALLEY WA 98038

CITY OF MAPLE VALLEY  
PO BOX 320  
MAPLE VALLEY WA 98038

GLACIER VALLEY RENTAL LLC  
13139 86TH PL NE  
KIRKLAND WA KCTP 98034

AIRTH, THOMAS & VERA  
PO BOX 695  
RAVENSDALE WA 98051

GLACIER VALLEY HOA  
C/O LONGLEY PROPERTY MGMT  
4850 CALIFORNIAN AV SW #200A  
SEATTLE WA 98116

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FORT WORTH TX 76161

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AUBURN WA 98001

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SMITH, MICHAEL  
RYAN+CARA SUZ  
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MAPLE VALLEY WA 98038

KING COUNTY-PARKS  
201 S JACKSON ST #6500  
SEATTLE WA 98104

FREEBORN, MATTHEW  
1015 E 2ND ST #2 117  
CLE ELUM WA 98922

GLACIER VALLEY II HOA  
C/O WPM SOUTH  
13106 SE 240TH ST #200  
KENT WA 98031

BNSF  
PO BOX 961089  
FORT WORTH TX 76161

CITY OF MAPLE VALLEY  
PO BOX 320  
MAPLE VALLEY WA 98038

Proposed Bridge Crossing

CHATEAU BUSINESS PARK FC LL  
12400 SE 38TH ST #50823  
BELLEVUE WA 98015

Green to Cedar Rivers Trail - proposed pedestrian  
bridge overcross BNSF railway  
August 28, 2025

### Certificate Of Completion

Envelope Id: 5E37436A-A22D-4E97-B116-F4E051740A6B	Status: Completed
Subject: Complete with Docusign: UTC Petition- 982895G.pdf	
Source Envelope:	
Document Pages: 33	Signatures: 2
Certificate Pages: 5	Initials: 0
AutoNav: Enabled	Envelope Originator:
Envelopeld Stamping: Enabled	Linda Frkuska
Time Zone: (UTC-08:00) Pacific Time (US & Canada)	401 5TH AVE
	SEATTLE, WA 98104
	Linda.Frkuska@Kingcounty.gov
	IP Address: 97.113.7.57

### Record Tracking

Status: Original	Holder: Linda Frkuska	Location: DocuSign
9/2/2025 9:25:13 AM	Linda.Frkuska@Kingcounty.gov	
Security Appliance Status: Connected	Pool: FedRamp	
Storage Appliance Status: Connected	Pool: King County-Dept of Natural Resources & Parks-Parks	Location: Docusign

### Signer Events

Linda Frkuska  
 Linda.Frkuska@Kingcounty.gov  
 Capital Project Mgr IV - CIP  
 Security Level: Email, Account Authentication (None)

### Signature

DocuSigned by:  
  
 0913A67339D244E...  
 Signature Adoption: Uploaded Signature Image  
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Sent: 9/2/2025 9:32:00 AM  
 Viewed: 9/2/2025 9:32:10 AM  
 Signed: 9/2/2025 9:32:14 AM

### Electronic Record and Signature Disclosure:

Accepted: 7/19/2021 11:55:57 AM  
 ID: 3cd17faf-c7d8-4037-aaca-cacf54d23fae

### In Person Signer Events

### Signature

### Timestamp

### Editor Delivery Events

### Status

### Timestamp

### Agent Delivery Events

### Status

### Timestamp

### Intermediary Delivery Events

### Status

### Timestamp

### Certified Delivery Events

### Status

### Timestamp

### Carbon Copy Events

### Status

### Timestamp

Tyler Whitcomb  
 tyler.whitcomb@utc.wa.gov  
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 Viewed: 9/2/2025 9:33:14 AM

### Electronic Record and Signature Disclosure:

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Kyle Leatham  
 kyle.leatham@bnsf.com  
 Security Level: Email, Account Authentication (None)

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### Electronic Record and Signature Disclosure:

Not Offered via Docusign

### Witness Events

### Signature

### Timestamp

<b>Notary Events</b>	<b>Signature</b>	<b>Timestamp</b>
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<b>Envelope Summary Events</b>	<b>Status</b>	<b>Timestamps</b>
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Envelope Sent	Hashed/Encrypted	9/2/2025 9:32:00 AM
Certified Delivered	Security Checked	9/2/2025 9:32:10 AM
Signing Complete	Security Checked	9/2/2025 9:32:14 AM
Completed	Security Checked	9/2/2025 9:32:22 AM

<b>Payment Events</b>	<b>Status</b>	<b>Timestamps</b>
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<b>Electronic Record and Signature Disclosure</b>
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Unless you tell us otherwise in accordance with the procedures described herein, we will provide electronically to you through the DocuSign system all required notices, disclosures, authorizations, acknowledgements, and other documents that are required to be provided or made available to you during the course of our relationship with you. To reduce the chance of you inadvertently not receiving any notice or disclosure, we prefer to provide all of the required notices and disclosures to you by the same method and to the same address that you have given us. Thus, you can receive all the disclosures and notices electronically or in paper format through the paper mail delivery system. If you do not agree with this process, please let us know as described below. Please also see the paragraph immediately above that describes the consequences of your electing not to receive delivery of the notices and disclosures electronically from us.

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To contact us by email send messages to: [cipriano.dacanay@kingcounty.gov](mailto:cipriano.dacanay@kingcounty.gov)

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To let us know of a change in your email address where we should send notices and disclosures electronically to you, you must send an email message to us at [cipriano.dacanay@kingcounty.gov](mailto:cipriano.dacanay@kingcounty.gov) and in the body of such request you must state: your previous email address, your new email address. We do not require any other information from you to change your email address.

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To confirm to us that you can access this information electronically, which will be similar to other electronic notices and disclosures that we will provide to you, please confirm that you have read this ERSD, and (i) that you are able to print on paper or electronically save this ERSD for your future reference and access; or (ii) that you are able to email this ERSD to an email address where you will be able to print on paper or save it for your future reference and access. Further, if you consent to receiving notices and disclosures exclusively in electronic format as described herein, then select the check-box next to ‘I agree to use electronic records and signatures’ before clicking ‘CONTINUE’ within the DocuSign system.

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