

RE-BID COUSINS RD MP 3.15 REQUEST FOR SEALED BID

1. SCOPE

Lewis County previously advertised and did not receive any bids for this material supply request. Therefore, items outside precast concrete manufacturer's typical construction operations have been deleted (guardrail design and waterproofing sealants).

The purpose of this request for sealed bid is to supply and deliver 45-ft long precast concrete slab girders to be supported on a geosynthetic reinforced soil (GRS) foundation per the attached Plans and these specifications to provide a 28-ft wide travel surface. The "Superstructure – Cousins Rd MP 3.15 Bridge" shall be designed to support AASHTO HL-93 loading per the latest version of the WSDOT Bridge Design Manual. Bridge dead loads shall include the supplied superstructure, 0.23-ft HMA overlay, a future 0.15-ft HMA overlay (not depicted), guardrail, extruded curb, and any other applicable permanent loads related to the superstructure. Precast units shall be connected using weld ties (or an approved equivalent) and grouted per the manufacturer's recommendation (on-site welding and grouting shall be by others). The outside slab girders shall include a drip edge and inserts (supplied by Lewis County) for side mounted steel posts. All guardrail and reducer section components to the bridge approaches shall be supplied and installed by others, however, the manufacturer shall cast threaded inserts (supplied by Lewis County) for future guardrail attachment to the structure as indicated. The slab girder center joint and guardrail inserts at the outside precast units shall be designed to incorporate a 1.5% normal crown and 0.27% longitudinal slope per the Contract Plans.

Two sets of superstructure plans stamped and certified by a Civil Engineer licensed in the State of Washington shall be provided to Lewis County within forty-five (45) working days of contract award. Plans shall include connection details, lifting details, assembly, and installation details. Contract Plans depict Guardrail with the slab girder superstructure depth at 18-inches and 30-feet wide to accommodate a 28-foot (minimum) finished roadway surface. Variations in superstructure width and/or depth due to various manufacturer's forms or construction methods will be accepted provided all listed requirements and the 28-ft minimum roadway surface is achieved with the proposed superstructure.

2. NOTES

- For engineering questions, contact Project Engineer Rod Lakey via telephone at (360) 740-2780 or email (Rodney.Lakey@lewiscountywa.gov).
- Lewis County (Agency) reserves the right to ask for descriptive literature and technical specifications at the bidders' expense.
- The bid shall include cost of material as specified and **ALL** shipping to the project sites (Bid Item No. 1 to Cousins Rd MP 3.15 (closest address is 493 Cousins Rd, Chehalis, WA, 98532). No fuel surcharges shall be charged.
- Federal Tax Identification Number from IRS form W-9 is required on all invoices.
- Bidders are to submit a copy of any and all warranties for the proposed product(s) with their response. A copy of the warranties shall also accompany products delivered.

- Slab Girder dimensions may vary due to manufacturer's existing forms and/or process. Manufacturer shall determine concrete thickness, dimensions/configuration and design to achieve a 28-ft travel surface as depicted on Pages 5 through 8. Plans depict estimated thicknesses, dimensions, etc. The outside slab girders shall incorporate inserts groups of four threaded rods (two 11-inch long and two 7-inch long threaded rod supplied by Lewis County) at 37.5-inches on center for guardrail attachment by others. Threaded rod inserts shall be embedded to develop full strength with bolt groups starting/ending 0.75-feet from the ends (see Federal Highway Administration HSST – 1/B-264 for specific information regarding this side mounted weak post guardrail system).

3. SPECIFICATIONS

The Contract shall be in accordance with the Washington State Department of Transportation 2018 Standard Specification for Road, Bridge, and Municipal Construction. All material components shall meet all requirements listed in the Washington State Department of Transportation 2018 Standard Specification for Road, Bridge, and Municipal Construction **Section 6-02 Concrete Structures** (including all applicable reference sections).

6-02.2 Materials

Section 6-02.2 is supplemented with the following:

6-02.3 Construction Requirements

6-02.3(14) Finishing Concrete Surfaces

Section 6-02.3(14) is supplemented with the following:

(*****)

The top surface of all slab girders shall have a light broom finish.

6-02.4 Measurement

Section 6-02.4 is supplemented with the following:

(August 2, 2010)

Superstructure – Cousins Road MP 3.15 Bridge contains the following approximate quantities of materials and work:

PRESTRESSED CONC. SLAB GIRDERS (45-ft x 30-ft)	1,350	S.F.
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The quantities are listed only for the convenience of the Manufacturer in determining the volume of work involved and are not guaranteed to be accurate. The prospective bidders shall verify these quantities before submitting a bid. No adjustments other than for approved changes will be made in the lump sum contract price for *** Superstructure – Cousins Road MP 3.15 Bridge *** even though the actual quantities required may deviate from those listed.

6-02.5 Payment

The third bid item under Section 6-02.5 is supplemented with the following:

(June 26, 2000)

All costs in connection with furnishing and delivering the prestressed concrete slab girders shall be included in the lump sum contract price for ***"Superstructure – Cousins Road MP 3.15 Bridge"***.

Lewis County anticipates placing the structure in late-August 2020. Therefore, the structure shall be cast and ready for delivery no later than August 24, 2020. The manufacturer shall coordinate with Lewis County for delivery (by the Manufacturer) and material offload (by Lewis County's Contractor) at the project site (Cousins Rd MP 3.15, closest address is 493 Cousins Rd, Chehalis,

WA, 98532). The successful bidder shall provide storage of all bid items for a period of up to fifteen months (if needed due to unforeseen circumstance such as a local emergency elsewhere in the County).

4. PUBLIC OPENING OF PROPOSAL

Date and Time of Bid Opening

The Board of County Commissioners of Lewis County or designee, will open sealed proposals and publicly read them aloud on or after 11:00 a.m. on March 24, 2020, at the Lewis County Courthouse, Chehalis, Washington, for the RE-BID Precast Concrete Bridge Material Purchase – CMP 1502 Cousins Road MP 3.15 Culvert Replacement Project.

**SEALED BIDS MUST BE DELIVERED BY OR BEFORE
11:00 A.M. on Tuesday, March 24, 2020**

(Lewis County official time is displayed on Axxess Intertel phones in the office of the Board of County Commissioners. Bids submitted after 11:00 AM will not be considered for this project.)

Delivery and Marking of Sealed Bid Proposals

Sealed proposals must be delivered to the Clerk of the Board of Lewis County Commissioners (351 N.W. North Street, Room 210, CMS-01, Chehalis, Washington 98532) by or before 11:00 a.m. on the date specified for opening, and in an envelope clearly marked: **“SEALED BID FOR RE-BID PRECAST CONCRETE BRIDGE MATERIAL PURCHASE – CMP 1502 COUSINS ROAD MP 3.15 CULVERT REPLACEMENT PROJECT, TO BE OPENED ON OR AFTER 11:00 A.M. ON TUESDAY, MARCH 24, 2020”**

All bid proposals shall be accompanied by a bid proposal deposit in cash, certified check, cashier's check or surety bond in an amount equal to five percent (5%) of the amount of such bid proposal. Should the successful bidder fail to enter into such contract within the time stated in the specifications, the bid proposal deposit shall be forfeited to the Lewis County Public Works Department.

5. BID SUBMITTALS (Entries shall be typed or entered using an ink pen)

PRICE SHEET

Item	Description	Quantity	Unit	Unit Price	Total Price
1	Superstructure – Cousins Road MP 3.15 Bridge 45-ft Long by 30-ft Wide (approximate) Precast Concrete Slab/Girder Bridge and Delivery (493 Cousins Rd, Chehalis, WA, 98532)	1	Lump Sum	_____	_____
				SUBTOTAL	_____
				Washington State Sales Tax 7.8%	_____
				TOTAL	_____

6. CONDITIONS

By signature below, the Authorized Official(s) of the company submitting this Proposal do hereby acknowledge that in the event this Proposal is deemed to be the lowest responsive bid, this document shall be construed to be the legal contract for the purchase of the materials specified herein. The successful bidder shall be liable, and hereby agrees to reimburse Lewis County, for any and all costs incurred by Lewis County due to delays in the delivery of any materials specified herein beyond the agreed delivery date as identified in Part 1. The liability for costs due to material delivery delays shall be limited to the total cost of the bid for the materials as contained in this Proposal. Please be apprised that a bid bond shall accompany this proposal in order for this proposal to be valid as per the Call for Bid.

*Receipt is hereby acknowledged of Addendum(s) **if applicable** by initialing and dating:

Addendum 1 Initial/Date: ____/____ Addendum 2 Initial/Date: ____/____

SIGNATURE OF AUTHORIZED OFFICIAL(S)

Proposal Must be Signed

X _____

Company Name

Address

Unified Business Identifier (U.B.I.) No.

Telephone #

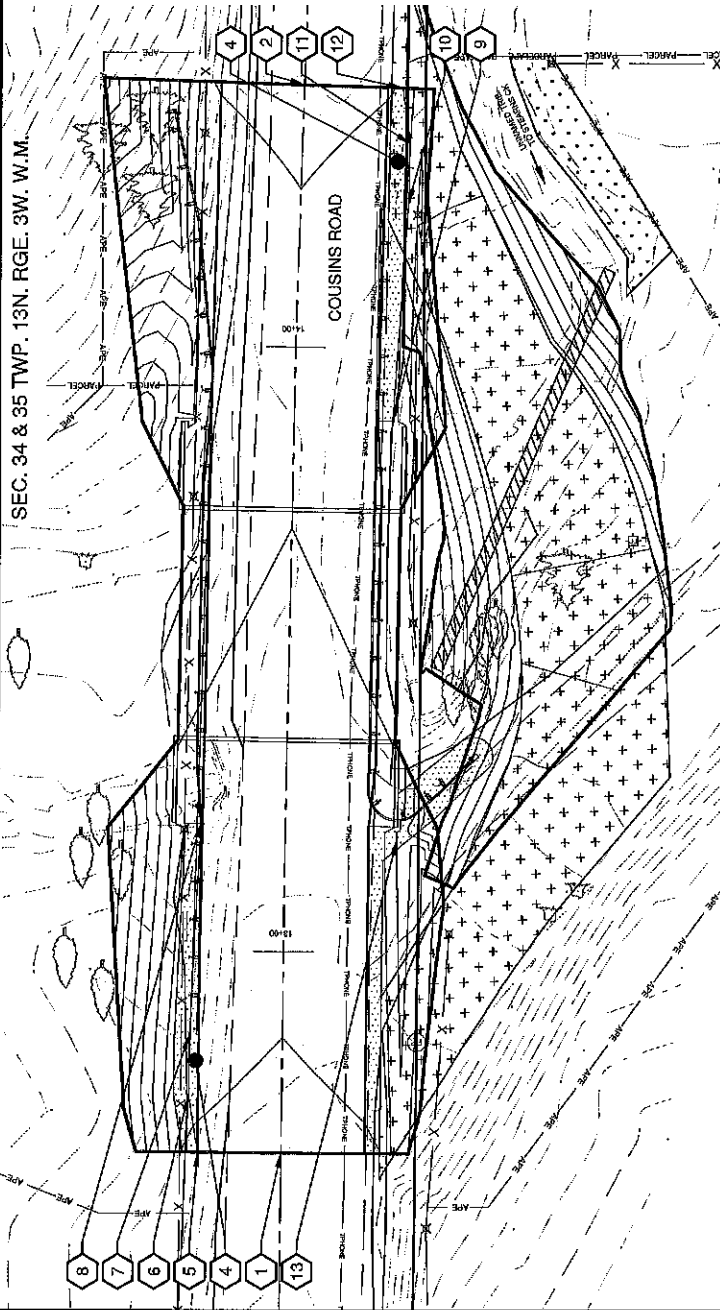
Federal ID No.

FOR COUNTY USE ONLY

AWARD RESOLUTION NO. _____

APPROVED: _____
County Engineer

LAND LINES ARE APPROXIMATE

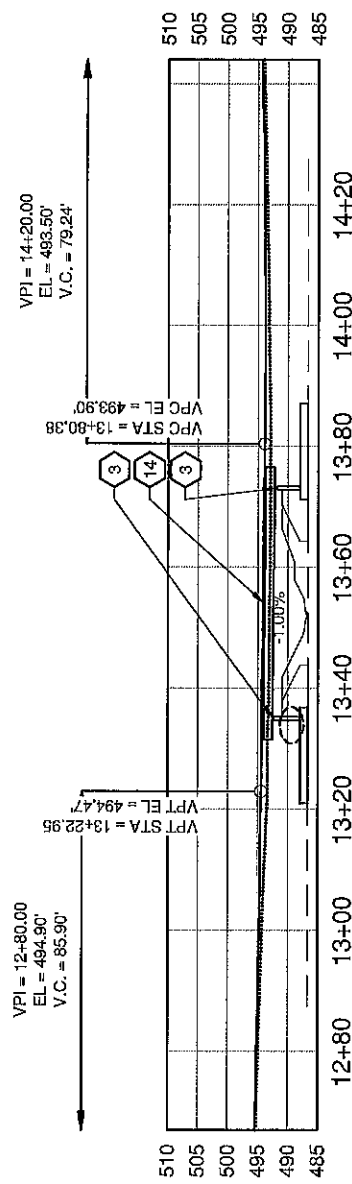


SEC. 34 & 35 TWP. 13N. RGE. 3W. W.M.

CONSTRUCTION NOTES:

- 1 BEGINNING OF PROJECT: STA: 12+57 N. 103397.033 E. 1003397.128 ELEV. 465.39'
- 2 END OF PROJECT: STA: 14+44 N. 463320.613 E. 1003977.782 ELEV. 494.33'
- 3 STRUCTURAL EARTH WALL PER DETAILS ON SHEETS 8 AND 9.
- 4 GUARDRAIL LANDINGS PER WSDOT STANDARD PLAN C-22.45-03.
- 5 STA: 12+56.78 13.86 LT
- 6 STA: 12+76.11 15.15 LT
- 7 STA: 12+86.11 15.24 LT
- 8 STA: 13+20.82 14.13 LT
- 9 STA: 13+88 14.8 RT
- 10 STA: 14+24.26 15.61 RT
- 11 STA: 14+34.26 16.57 RT
- 12 STA: 14+43.45 14 RT
- 13 GUARDRAIL LANDING PER WSDOT STANDARD PLAN C-23.60-04 FOLLOW EDGE OF DRIVEWAY WITH 2.5' WIDTH OF LANDING EXCLUDING CULVERT AREA).
- 14 45' LX 30' W PRECAST CONCRETE SLAB GIRDER BRIDGE

- 1
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- 13
- 14



DESIGNED BY: RIL
 DRAWN BY: HBR
 CHECKED BY:
 DATE: 4/1/2018

2025 NE GREYSKY AVE
 CHEHALIS WA 98532
 PHONE # (360) 740-1128
 FAX # (360) 740-6718

NO. DATE
 REVISION

COUNTY MAINTENANCE PROJECT NO: 1502
 ROAD PLAN AND PROFILE

COUSINS ROAD MP 3.15
 CULVERT REPLACEMENT

BY: APP

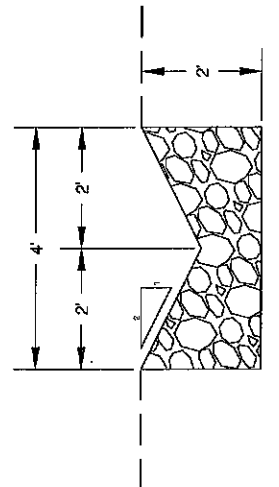
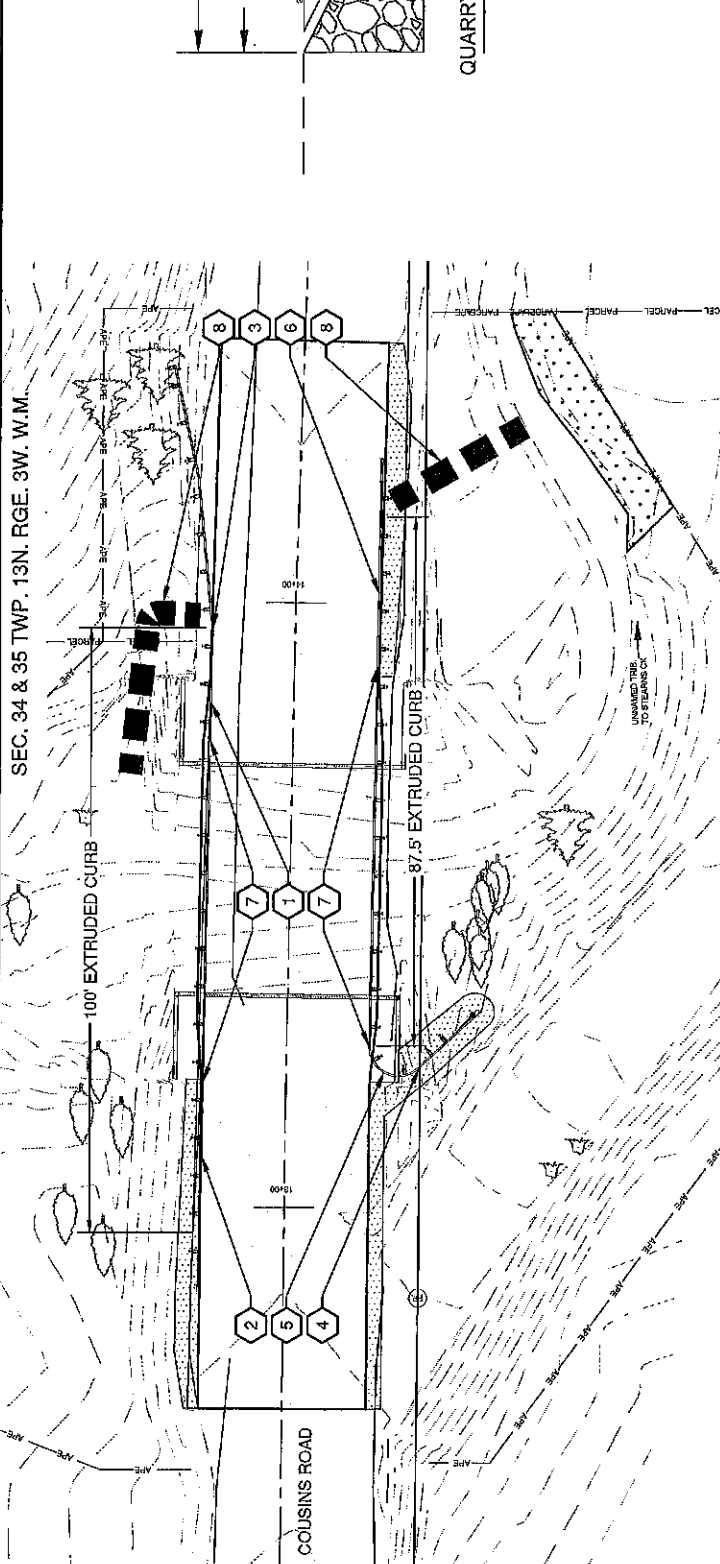
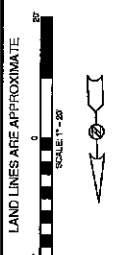
PROJECT NO: 1502
 SHEET 6 OF 8

DATE: 4/1/2018

LOWE COUNTY
 Department of Public Works

Prepared by: Rodney Troy Lacey, P.E.
 Design Engineer
 Date: 15-Nov-20

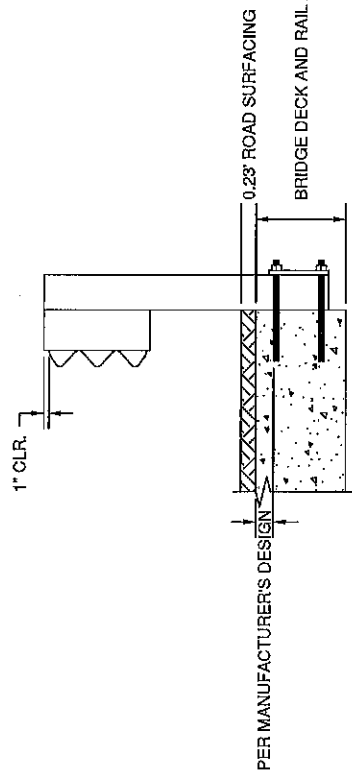
SEC. 34 & 35 TWP. 13N. RGE. 3W. W.M.



QUARRY SPALL LINED DITCH
NOT TO SCALE

CONSTRUCTION NOTES:

- 1 BEAM GUARDRAIL TYPE 31 STA: 13+82.15 TO 13+85.65 13.75 LT
- 2 BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL (PER STANDARD PLAN C-22.45-03) STA: 12+86.11 TO 12+90.65 13.71 LT
- 3 BEAM GUARDRAIL TYPE 31 BURIED TERMINAL TYPE 2 (PER STANDARD PLAN C-22.18-06) STA: 13+85.65 TO 14+38.70 20.84 LT
- 4 BEAM GUARDRAIL TYPE 31 ANCHOR TYPE 10 (PER STANDARD PLAN C-23.60-04) STA: 13+33.09 TO 13+33.28 22.20 RT
- 5 BEAM GUARDRAIL TYPE 31 4.75' RADIUS (1 PIECE)
- 6 BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL (PER STANDARD PLAN C-22.45-03) STA: 13+88.40 TO 14+24.25 13.43 RT
- 7 BRIDGE RAIL (INCLUDED IN SUPERSTRUCTURE) WITH TRANSITIONS TO PROPOSED TYPE 31 TERMINALS AND RAIL
- 8 QUARRY SPALL LINED DITCH AS PLACED IN THE FIELD BY ENGINEER (SEE DETAIL THIS SHEET)



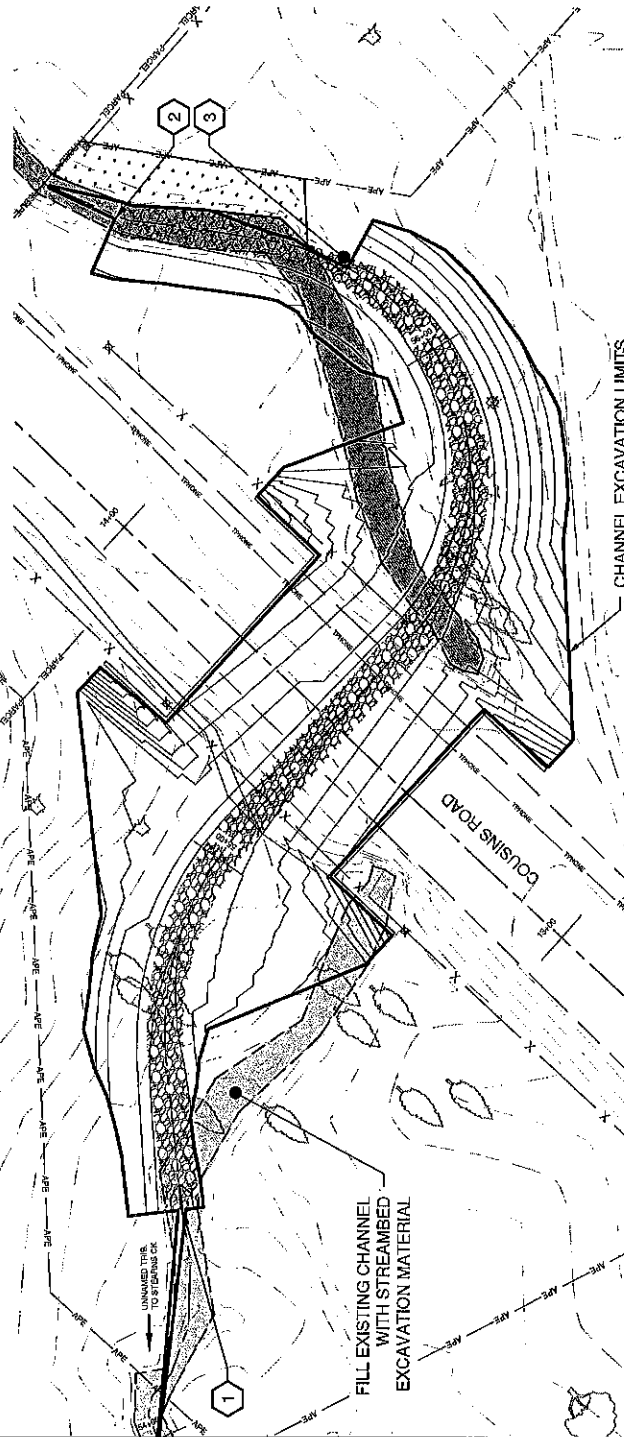
PER MANUFACTURER'S DESIGN
BRIDGE DECK AND RAIL ATTACHMENT PER MANUFACTURER'S APPROVED DESIGN

	DESIGNED BY: RTL DRAWN BY: NGR CHECKED BY: DATE: 4/11/2016	NO. DATE REVISION	BY: APP
	2026 NE KRESKY AVE. CHEHALIS WA 98532 PHONE # (360) 740-1128 FAX # (360) 740-2719	COUNTY MAINTENANCE PROJECT NO: 1622 GUARDRAIL PLAN	SHEET 7 OF 8
CALL US TODAY 800-368-3635 360-740-1128 WWW.KAISERCOUNTY.WA.GOV	RODNEY TROY LARSEN, P.E. CIVIL ENGINEER LICENSE NO. 120000000000000000 DESIGNER	DATE: 12-30-20	COUSINS ROAD MP 3.15 CULVERT REPLACEMENT

LAND LINES ARE APPROXIMATE

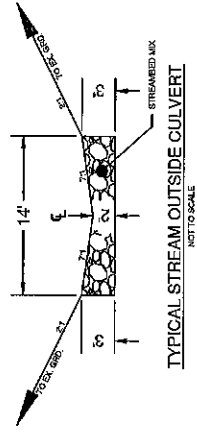


SEC. 34 & 35 TWP. 13N. RGE. 3W. W.M.



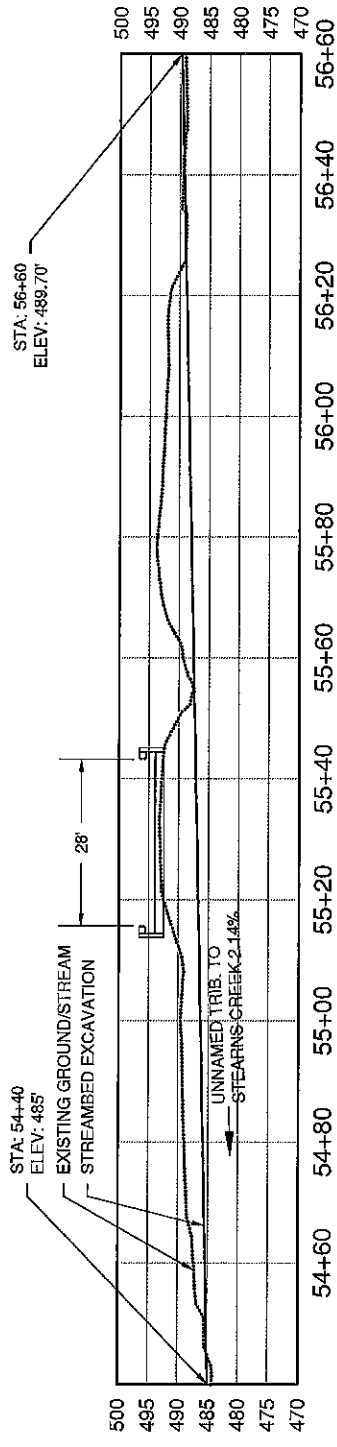
Proposed Streambed Centerline

Start Station	End Station	Length	Radius	Direction	PI Station
54+00.00	54+44.28	44.28'	50'	S50°59'22.44"W	54+44.28
54+44.28	55+00.00	55.72'	50'	S50°59'22.44"W	54+98.56
55+00.00	55+44.12	44.12'	50'	N07°07'50.00"W	55+44.12
55+44.12	56+00.00	55.88'	50'	N07°07'50.00"W	55+99.99
56+00.00	56+44.12	44.12'	50'	S07°09'04.00"E	56+44.12
56+44.12	56+88.24	44.12'	50'	S07°09'04.00"E	56+88.24
56+88.24	57+32.36	44.12'	50'	S07°09'04.00"E	57+32.36
57+32.36	57+76.48	44.12'	50'	S07°09'04.00"E	57+76.48
57+76.48	58+20.60	44.12'	50'	S07°09'04.00"E	58+20.60
58+20.60	58+64.72	44.12'	50'	S07°09'04.00"E	58+64.72
58+64.72	59+08.84	44.12'	50'	S07°09'04.00"E	59+08.84
59+08.84	59+52.96	44.12'	50'	S07°09'04.00"E	59+52.96
59+52.96	60+40.00	87.04'	50'	S11°07'01.00"E	60+40.00



CONSTRUCTION NOTES:

- 1 NEW ROAD CONTOURS OMITTED THIS SHEET TO AVOID CLUTTER. BEGINNING OF PROJECT: STA. 54+40 N. 463329.746 E. 1003341.931 ELEV. 489.70'.
- 2 END OF PROJECT: STA. 56+60 N. 463444.013 E. 1003460.859 ELEV. 485.00'.
- 3 STREAMBED MIX



DESIGNED BY: RTL
DRAWN BY: WSR
CHECKED BY:
DATE: 01/20/16

NO. | DATE | REVISION

BY: APP:

COUNTY MAINTENANCE PROJECT NO: 1532

COUSINS ROAD MP 3.15
CULVERT REPLACEMENT

2025 NE KRESKY AVE.
CHEHALIS WA 98522
PHONE # (360) 760-1129
FAX # (360) 760-2779

LEWIS COUNTY
Department of Public Works

PROJECT NO: 1532

DATE: 12-30-20