

**BEFORE THE BOARD OF COUNTY COMMISSIONERS  
LEWIS COUNTY, WASHINGTON**

**IN THE MATTER OF:**

RESOLUTION NO. 20-028

CALL FOR BIDS FOR THE MATERIAL PURCHASE OF A  
PRECAST CONCRETE SLAB/GIRDER BRIDGE  
(COUSINS RD MP 3.15, CMP 1502)

**WHEREAS**, Cousins Road crosses an unnamed tributary to Stearns Creek at mile post (MP) 3.15 where the existing culvert has partially failed. Replacement must meet current WDFW fish passage guidelines, and a much larger structure is required. In order to prepare for replacement in the summer of 2020, competitive bids are being solicited from bridge manufacturers to supply and deliver standard precast concrete slab girder materials for this project; and

**WHEREAS**, pursuant to Resolution 11-437, construction projects, including materials acquisition, exceeding a certain monetary threshold must be competitively bid; and

**WHEREAS**, competitive bids will be requested from concrete manufacturers to supply and deliver 45 foot long precast concrete slab/girders for bridge installation (by Lewis County) at Cousins Rd MP 3.15 and other related work, all in accordance with the contract plans, contract provisions, and the standard specifications; and

**WHEREAS**, pursuant to Resolution 18-116, the Board of County Commissioners (BOCC) adopted the 2018 Standard Specifications for Road, Bridge and Municipal Construction, and this proposal shall be performed by contract in accordance with these specifications.

**NOW THEREFORE BE IT RESOLVED** that the Department of Public Works is instructed to issue a Call for Bids and Contract Specifications for the material purchase of a 45-foot-long precast concrete slab/girder bridge (CMP 1502). Bids for this proposal shall be submitted to the Clerk of the BOCC (351 N.W. North Street, Room 210, CMS-01, Chehalis, WA 98532) by or before 11:00 a.m. on Tuesday, February 18, 2020, and will be opened on or after 11:00 a.m. on February 18, 2020, subject to official proposal addenda that establishes an alternate bid due date or opening time.

DONE IN OPEN SESSION this 27th day of January, 2020.

APPROVED AS TO FORM:  
Jonathan Meyer, Prosecuting Attorney

BOARD OF COUNTY COMMISSIONERS  
LEWIS COUNTY, WASHINGTON

Amber Smith  
By: Amber Smith,  
Deputy Prosecuting Attorney

Gary Stamper  
Gary Stamper, Chair

ATTEST:



Edna J. Fund  
Edna J. Fund, Vice Chair

Rieva Lester  
Rieva Lester,  
Clerk of the Lewis County Board of County  
Commissioners

Robert C. Jackson  
Robert C. Jackson, Commissioner



## CALL FOR BIDS

NOTICE IS HEREBY GIVEN that 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 **Tuesday, February 18, 2020**, at the Lewis County Courthouse, Chehalis, Washington, for the material purchase of 45-foot long precast concrete slab girders. This contract provides for the improvement of **\*\*\* CMP 1502 Cousins Road MP 3.15 by supplying and delivering 45-foot long precast concrete slab girders\*\*\*** and other work, all in accordance with the Contract Provisions, and the Standard Specifications.

### SEALED BIDS MUST BE DELIVERED BY OR BEFORE

**11:00 A.M. on Tuesday, February 18, 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.)

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 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, FEBRUARY 18, 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 and furnish satisfactory performance bond within the time stated in the specifications, the bid proposal deposit shall be forfeited to the Lewis County Public Works Department.

Informational copies of maps, plans and specifications are on file for inspection in the office of the County Engineer of Lewis County in Chehalis, Washington. The contract documents may be viewed and downloaded from Lewis County's Web Site @ [www.lewiscountywa.gov/](http://www.lewiscountywa.gov/) or you may call the Lewis County Engineers office @ (360)740-2780 and request a copy be mailed to you. All Contractor questions and Lewis County clarifying answers will be posted on our website and emailed to all Contractors registered on Lewis County's Planholder List. Plan or specification changes shall be accomplished through official project addendums.

The Lewis County Public Works Department in accordance with Title VI of the Civil Rights Act of 1964, 78 Stat. 252, 42 U.S.C. 2000d to 2000d-4 and Title 49, Code of Federal Regulations, Department of Transportation, subtitle A, Office of the Secretary, Part 21, nondiscrimination in Federally assisted programs of the Department of Transportation issued pursuant to such Act, hereby notifies all bidders that it will affirmatively ensure that in any contract entered into pursuant to this advertisement, disadvantaged business enterprises as defined at 49 CFR Part 26 will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, or national origin, or sex in consideration for an award.

The BOCC reserves the right to reject any or all bids and to waive all informalities in the bidding process.

DATED this 27<sup>th</sup> day of January, 2020.

  
Clerk of the Board of County Commissioners  
Lewis County, Washington



PUBLISH: The Chronicle – January 28, February 4, and February 11, 2020  
The Seattle Daily Journal of Commerce – January 28, February 4, and February 11, 2020  
Lewis County website at [www.lewiscountywa.gov/](http://www.lewiscountywa.gov/)



# REQUEST FOR SEALED BID

## 1. SCOPE

The purpose of this request for sealed bid is to supply and deliver 45-ft long prestressed 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 for side mounted steel posts to support three-beam guardrail/bridge rail system with the ability to withstand TL-2 vehicle impacts (35 MPH speed zone, bridge rail design only by the manufacturer). Bridge rail and reducer section components to Type 31 Guardrail at the bridge approaches shall be supplied and installed by others, however, the manufacturer shall provide bridge rail design and threaded inserts for future guardrail attachment to the structure. Slab girders shall incorporate pigmented sealer at the exposed outside slab girders, and a bitumen coating at all GRS / slab girder backfill contact points (precast unit ends, bearing areas, and partial sides). 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, guardrail 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.
- 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.

- Slab Girder dimensions may vary due to manufacturer's existing forms and/or process. The outside slab girders shall incorporate inserts for guardrail attachment meeting TL-2 impact loading or an alternate method approved by Lewis County. Bridge guardrail (designed by the Manufacturer) shall be capable of supporting TL-2 impact loading (35 MPH speed limit). Lewis County shall provide all guardrail material and installation utilizing inserts cast into the outside slab girders.

### 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:

(*****)		
Asphalt for Waterproofing		9-11.1
Fence and Guardrail		9-16

#### 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.

##### 6-02.3(14)C Pigmented Sealer for Concrete Surfaces

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

(April 6, 2009)  
The color of the pigmented sealer shall be Washington Gray.

(\*\*\*\*\*)  
A coating shall be applied at slab girder to backfill contact points to prevent corrosion of the embedded concrete. Slab girder ends, sides and bearing areas shall be coated with CSS-1, Asphalt for Waterproofing or other approved material at the manufacturer's plant prior to slab girder shipment to the construction site.

#### 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.
CORROSION PREVENTION COATING (3.83-ft from Ends)	343	S.F.
PIGMENTED SEALER (Bottom & Side of O/S Slab Girders)	330	S.F.
BRIDGE GUARDRAIL POST INSERTS	90	L.F.
***		



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, corrosion prevention sealer (at embedded concrete areas), pigmented sealer, and inserts for three-beam guardrail system (and guardrail design only) shall be included in the lump sum contract price for \*\*\*\* Superstructure – Cousins Road MP 3.15 Bridge\*\*\*\*.

Lewis County anticipates placing the structure in mid-August 2020. Therefore, the structure shall be cast and ready for inspection no later than August 7, 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 February 18, 2020, at the Lewis County Courthouse, Chehalis, Washington, for the 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, February 18, 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 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, FEBRUARY 18, 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 with Bridge Guardrail Design/Inserts, Corrosion Coating, Pigmented Sealer 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

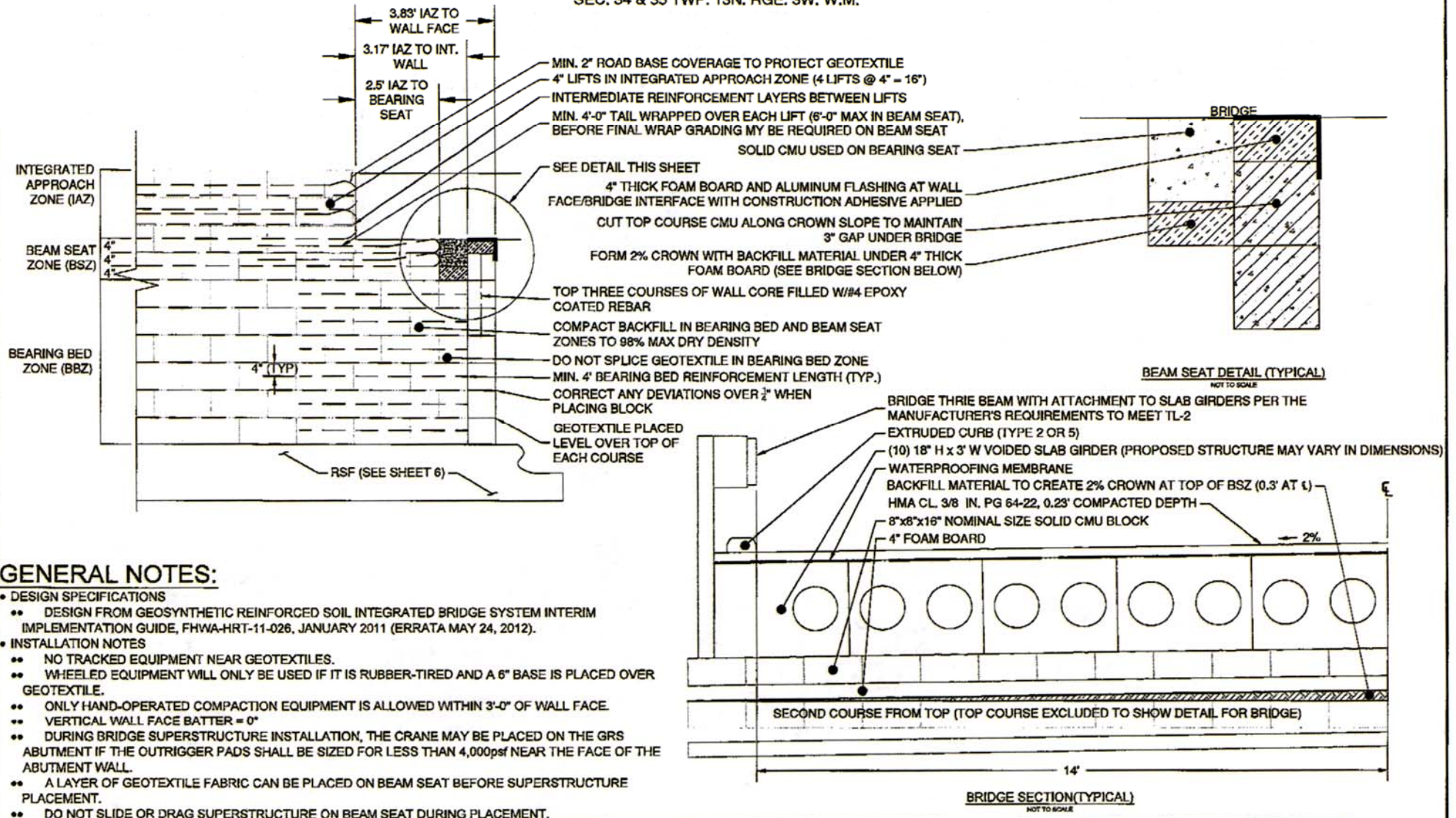
AWARD RESOLUTION NO. \_\_\_\_\_

APPROVED: \_\_\_\_\_  
County Engineer





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

LAND LINES ARE APPROXIMATE



## GENERAL NOTES:

- DESIGN SPECIFICATIONS
  - DESIGN FROM GEOSYNTHETIC REINFORCED SOIL INTEGRATED BRIDGE SYSTEM INTERIM IMPLEMENTATION GUIDE, FHWA-HRT-11-026, JANUARY 2011 (ERRATA MAY 24, 2012).
- INSTALLATION NOTES
  - NO TRACKED EQUIPMENT NEAR GEOTEXTILES.
  - WHEELED EQUIPMENT WILL ONLY BE USED IF IT IS RUBBER-TIRED AND A 6" BASE IS PLACED OVER GEOTEXTILE.
  - ONLY HAND-OPERATED COMPACTION EQUIPMENT IS ALLOWED WITHIN 3'-0" OF WALL FACE.
  - VERTICAL WALL FACE BATTER = 0°
  - DURING BRIDGE SUPERSTRUCTURE INSTALLATION, THE CRANE MAY BE PLACED ON THE GRS ABUTMENT IF THE OUTRIGGER PADS SHALL BE SIZED FOR LESS THAN 4,000psf NEAR THE FACE OF THE ABUTMENT WALL.
  - A LAYER OF GEOTEXTILE FABRIC CAN BE PLACED ON BEAM SEAT BEFORE SUPERSTRUCTURE PLACEMENT.
  - DO NOT SLIDE OR DRAG SUPERSTRUCTURE ON BEAM SEAT DURING PLACEMENT.

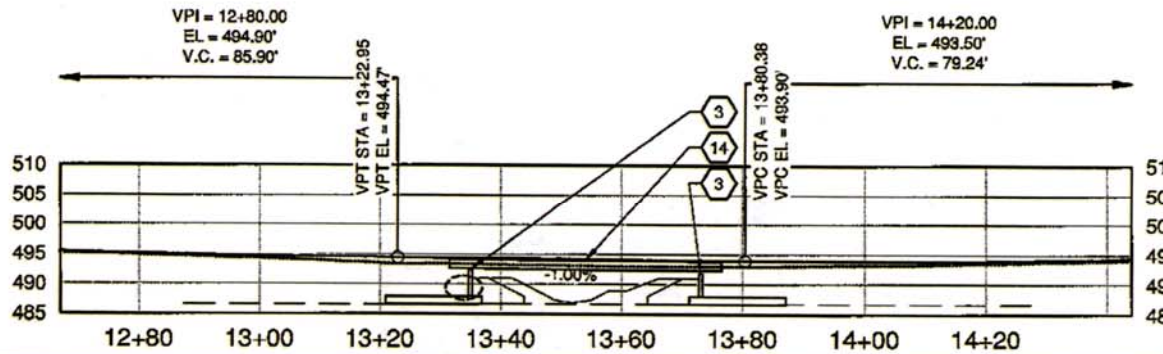
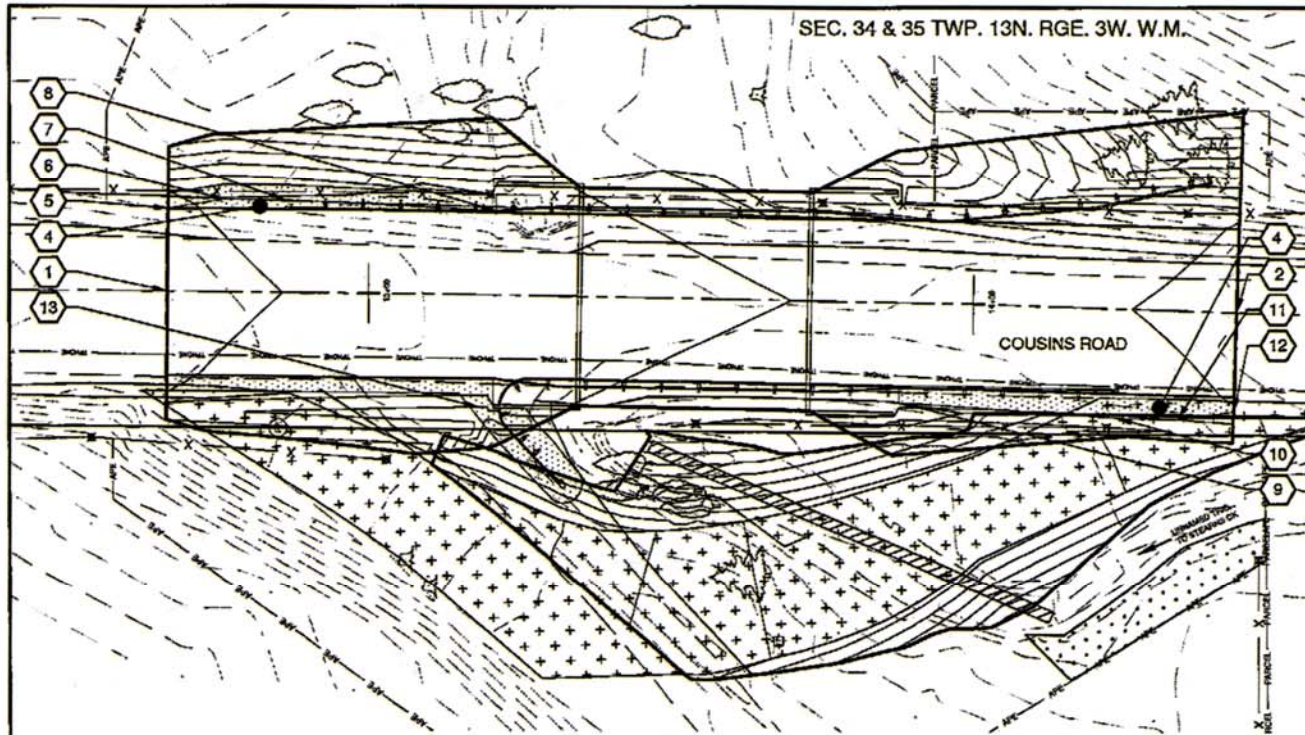
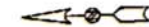
 Laws County Department of Public Works	2026 NE KNEESKY AVE. CHEHALIS WA 98532 PHONE # (360) 740-1125 FAX # (360) 740-2719	DESIGNED BY: RITL DRAWN BY: WSR CHECKED BY: DATE: 4/11/2018	NO. DATE REVISION BY APP.					COUNTY MAINTENANCE PROJECT NO: 1592	SHEET 5 OF 8	 Rodney T. Lacey, P.E. Senior Engineer Design/Drawn Date: 15-Jan-20



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

LAND LINES ARE APPROXIMATE

SCALE 1" = 30'



# CONSTRUCTION NOTES:

- 1 BEGINNING OF PROJECT: STA: 12+67 N: 165497.033 E: 1003397.128 ELEV: 485.35'
- 2 END OF PROJECT: STA: 14+44 N: 463320.613 E: 1003377.782 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+68.78 13.66 LT
- 6 STA: 12+76.11 15.15 LT
- 7 STA: 12+88.11 15.24 LT
- 8 STA: 13+20.92 14.13 LT
- 9 STA: 13+88 14.3 RT
- 10 STA: 14+24.28 15.81 RT
- 11 STA: 14+34.28 15.57 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' L x 30' W PRECAST CONCRETE SLAB GIRDER BRIDGE



2025 NE KRESKY AVE.  
CHEHALIS WA 98502  
PHONE: (360) 740-1123  
FAX: (360) 740-2739

DESIGNED BY: RFL  
DRAWN BY: WSR  
CHECKED BY:  
DATE: 4/11/2018

NO.	DATE	REVISION	BY	APP.

COUSINS ROAD MP 3.15  
CULVERT REPLACEMENT

COUNTY MAINTENANCE PROJECT NO: 1502

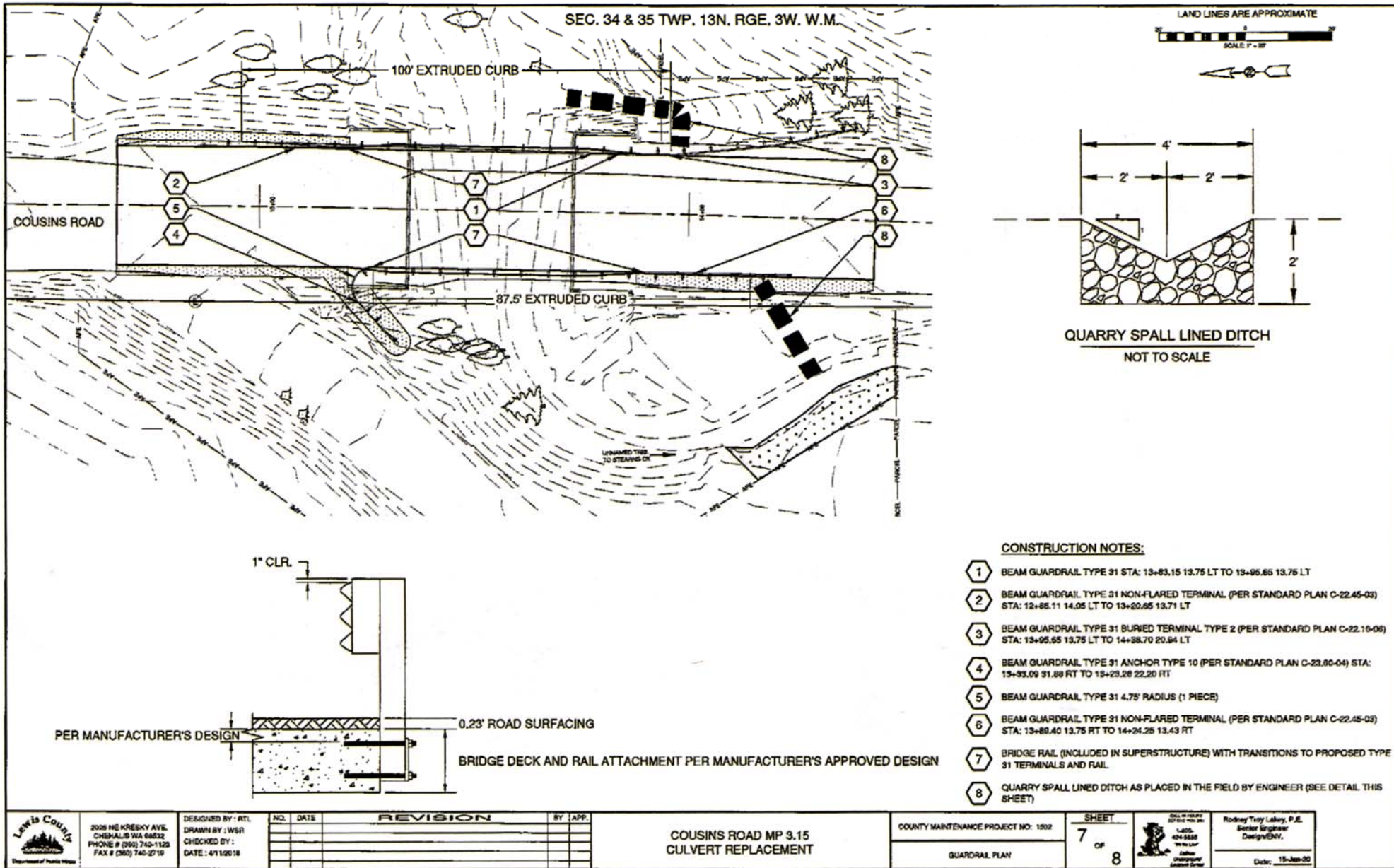
ROAD PLAN AND PROFILE

SHEET  
6  
OF  
8



Rodney Tracy Lasky, P.E.  
Senior Engineer  
Design/ENV.  
Date: 12-Jan-20

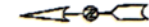






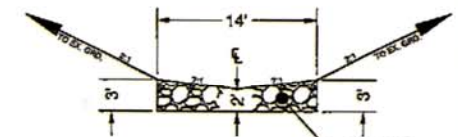
SEC. 34 & 35 TWP. 13N. RGE. 3W. W.M.

LAND LINES ARE APPROXIMATE



### Proposed Streambed Centerline

Start Station	End Station	Length	Radius	Direction	PI Station
54+00	54+04.21	34.21'		S47°47'32.44"W	
54+04.21	55+04.28	42.08'	50'		54+04.08
55+04.28	55+04.12	41.28'		N07°57'30.00"E	
55+04.12	55+23.38	85.88'	40'		55+21.77
55+23.38	55+52.78	115.87'		S07°58'48.88"E	
55+52.78	56+57.80	65.82'		S32°42'22.14"E	
56+57.80	56+58.26	0.46'		S02°54'35.84"E	
56+58.26	56+60	12.24'		S11°02'31.88"E	

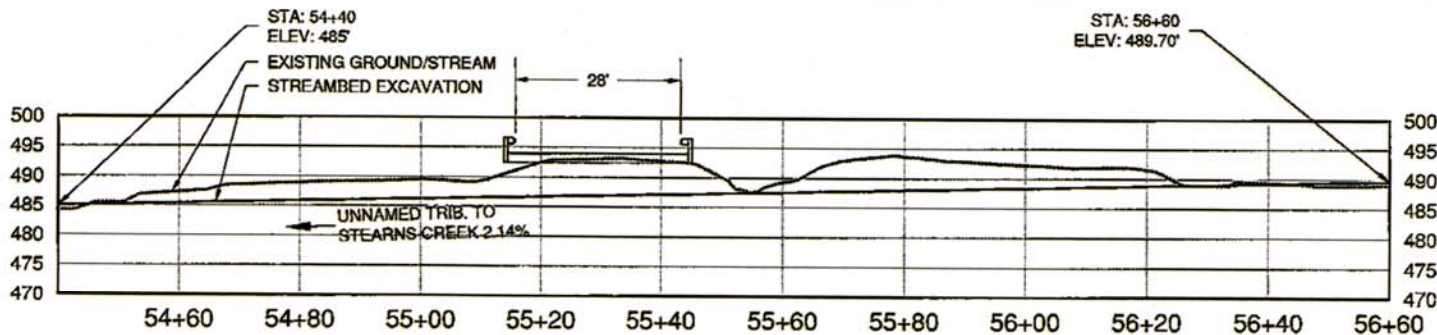


TYPICAL STREAM OUTSIDE CULVERT  
NOT TO SCALE

FILL EXISTING CHANNEL  
WITH STREAMBED  
EXCAVATION MATERIAL

COUSINS ROAD

CHANNEL EXCAVATION LIMITS



### CONSTRUCTION NOTES:

NEW ROAD CONTOURS OMITTED THIS SHEET TO AVOID CLUTTER.

- 1 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: 489.00'
- 3 STREAMBED MIX



2005 NE KNEISKY AVE.  
CHEHALIS WA 98532  
PHONE # (360) 740-1125  
FAX # (360) 740-2719

DESIGNED BY: RTL  
DRAWN BY: WBR  
CHECKED BY:  
DATE: 4/11/2018

NO.	DATE	REVISION	BY	APP.

COUSINS ROAD MP 3.15  
CULVERT REPLACEMENT

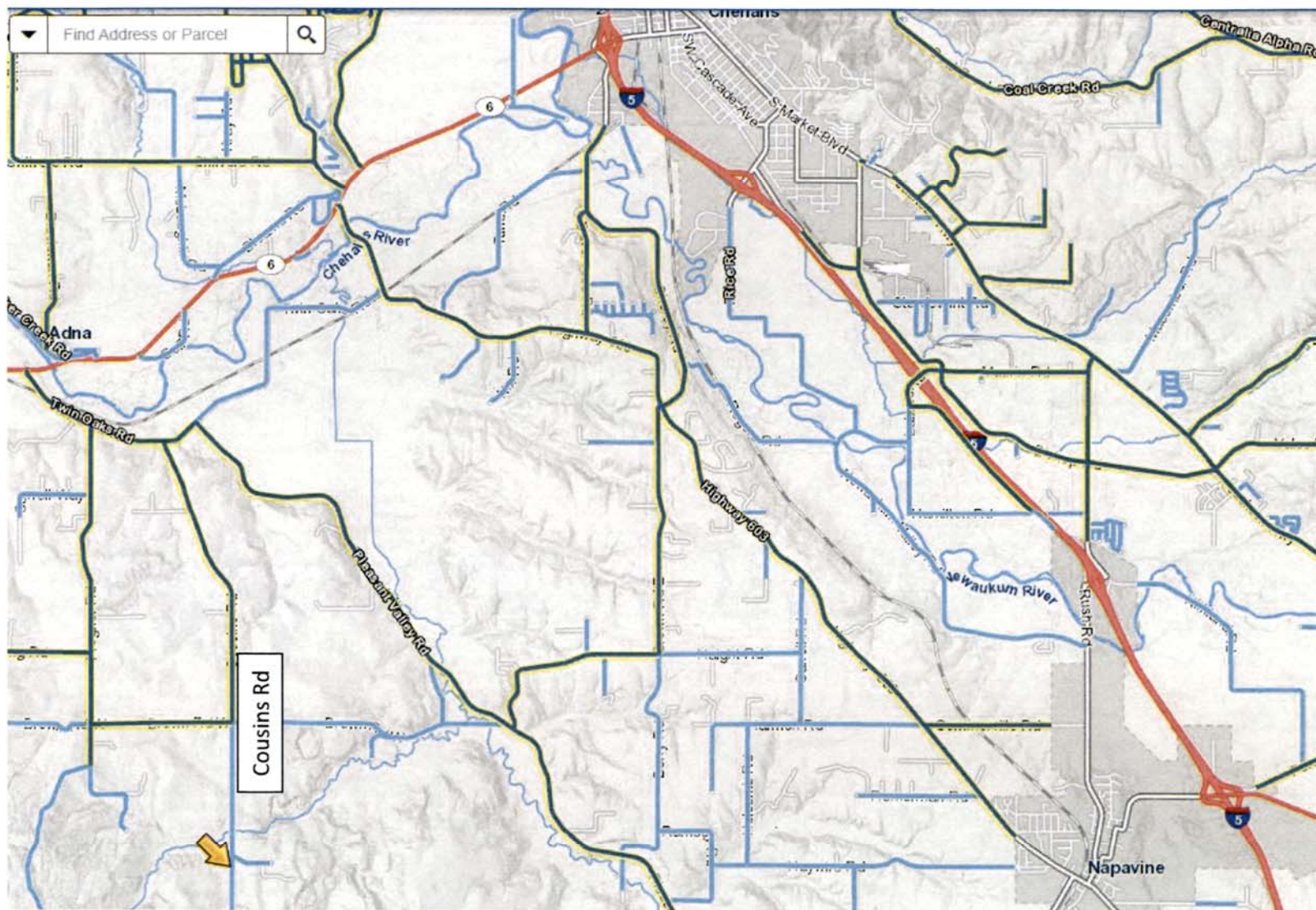
COUNTY MAINTENANCE PROJECT NO: 1902  
STREAM PLAN AND PROFILE

SHEET  
8  
OF  
8



Rodney Troy Lawry, P.E.  
Senior Engineer  
Design/Build  
Date: 12-20-20





Project Location at Arrow

### Vicinity Map

Cousins Rd MP 3.15 Culvert Replacement Project