

**REQUEST FOR SEALED BID**  
**Culvert Material Purchase -- Lincoln Creek Rd MP 13.7 Culvert Replacement**  
**SM 20F100191370**

**1. SCOPE**

The purpose of this request for sealed bid is to purchase a 16-ft wide by 10-ft high by 38.5-ft long precast reinforced concrete split-box culvert with four precast wingwalls. The box culvert structure shall support an AASHTO HL-93 traffic loading aligned parallel to the skewed culvert ends (culvert ends skewed 27.44 degrees from normal to roadway centerline).

Two sets of plans for the culvert/wingwalls shall be stamped and certified by a Civil Engineer licensed in the State of Washington. Stamped plans shall be provided to Lewis County within twenty-one working days of contract award. Plans shall include connection details, lifting details, assembly, and installation details. The successful bidder shall provide storage of all bid items for a period of up to fifteen months (if needed) and delivery to the project site in Lewis County. Lewis County anticipates placing the structure during the first week of August 2021. The manufacturer shall coordinate with Lewis County for delivery and material offload (by Lewis County's Contractor) at the project site.

**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 site (Lincoln Creek Rd MP 13.7, closest address 2863 Lincoln Creek Rd., Rochester, WA, 98579). No fuel surcharges shall be added.
- 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 split-box culvert concrete wall/top/bottom thickness, and wingwall design to achieve interior culvert dimensions and required wingwall limits depicted in the attached Culvert and Wingwall Plans. Plans depict estimated wall thicknesses, footing dimensions, etc. Note, proposed concrete split-box culvert base units shall incorporate interior side heights as depicted to allow placement of streambed material prior to placing top units.
- All wingwalls shall include 3-inch diameter weep holes at 4-ft on center.

### 3. SPECIFICATIONS

This Contract shall be in accordance with the Washington State Department of Transportation 2021 Standard Specification for Road, Bridge, and Municipal Construction (2021 Standard Specifications). All supplied material, components and related Contractor supplied plans/shop drawings shall meet all requirements listed in the 2021 Standard Specifications **Section 6-20 Buried Structures** (including all applicable reference sections) or as supplemented below:

#### 6-20 BURIED STRUCTURES

##### 6-20.1 Description

Section 6-20.1 is replaced with the following:

This work consists of providing engineered plans and shop drawings to produce and deliver a precast reinforced concrete split box culvert with four precast wingwall units to the project site at MP 13.7 on Lincoln Creek Road in Lewis County, WA. This water crossing structure shall be design to support HL-93 vehicle loading and shall be constructed to the width, length and height as depicted on pages 5-8 of this Contract.

##### 6-20.3 Construction Requirements

###### 6-20.3(1) Design

Section 6-20.3(1) is supplemented with the following:

This structure shall be considered a Contractor Supplied Design.

###### 6-20.3(1)D Geotechnical Considerations

Section 6-20.3(1)D is replaced with the following:

The Geotechnical Report for this project (Technical Memorandum for Lincoln Creek MP 13.7 Culvert Replacement, Landau Associates dated 19-Feb-21) is available on Lewis County's website (<https://cfb.lewiscountywa.gov/projects/>), no additional geotechnical information will be required by the culvert manufacturer for this Contract.

**6-20.3(1)E Hydraulic Considerations** shall be deleted from this Contract.

###### 6-20.3(1)G Traffic Barrier

Section 6-20.3(1)G is supplemented with the following:

Guardrail shall be attached to the supplied structure per WSDOT Standard Plan C-20.41 (by others after delivery). Connection to the structure shall require a minimum Test Level Three (TL-3) design for guardrail anchor points drilled and epoxied into the top of the culvert (by others after delivery) as depicted on pages 5-8 of this Contract.

###### 6-20.3(2) Submittals

**6-20.3(2)B Load Rating Report** shall be deleted from this Contract.

**6-20.3(2)D Dewatering System** shall be deleted from this Contract.

**6-20.3(5) Excavation** shall be deleted from this Contract.

**6-20.3(6) Bedding and Foundations** shall be deleted from this Contract.

**6-20.3(8) Placement and Assembly** shall be deleted from this Contract.

**6-20.3(9) Backfilling** shall be deleted from this Contract.

**6-20.5 Payment**

Section 6-20.5 is supplemented with the following:

The Lump Sum Contract price for "Culvert Material Purchase--Lincoln Crk. Rd. MP 13.7" shall be full payment to perform the work as specified in this Contract including manufacturing and delivering a precast reinforced concrete split box culvert (16-ft Span by 10-ft High by 38.5-ft long) with four precast concrete wingwalls (as specified) to Lincoln Creek Road MP 13.7, in Lewis County, WA.

**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 12:15 p.m. on April 22, 2021, at the Lewis County Courthouse, Chehalis, Washington, for the Culvert Material Purchase – Lincoln Creek Rd. MP 13.7 Culvert Project, SM 20F100191370.

**SEALED BIDS MUST BE DELIVERED BY OR BEFORE  
12:15 P.M. on Thursday, April 22, 2021**

(Lewis County official time is displayed on Axxess Intertel phones in the office of the Board of County Commissioners. Bids submitted after 12:15 PM 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 12:15 p.m. on the date specified for opening, and in an envelope clearly marked: **"SEALED BID FOR CULVERT MATERIAL PURCHASE – LINCOLN CREEK RD MP 13.7 CULVERT REPLACEMENT, SM 20F100191370 TO BE OPENED ON OR AFTER 12:15 P.M. ON THURSDAY, APRIL 22, 2021."**

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	<b>Culvert Material Purchase--Lincoln Crk Rd. MP 13.7</b> 16-ft Span by 10-ft High by 38.5-ft long Precast Rieforced Concrete Split Box Culvert (with Four Wingwalls as specified) Material and Delivery to Lincoln Creek Rd MP 13.7, Lewis County, WA.	1	Lump Sum	_____	_____
				SUBTOTAL	_____
				Washington State Sales Tax 7.8%	_____
				<b>TOTAL</b>	_____

**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) Number(s) 1 \_\_\_\_\_, 2 \_\_\_\_\_, 3 \_\_\_\_\_.

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 LEWIS COUNTY USE ONLY

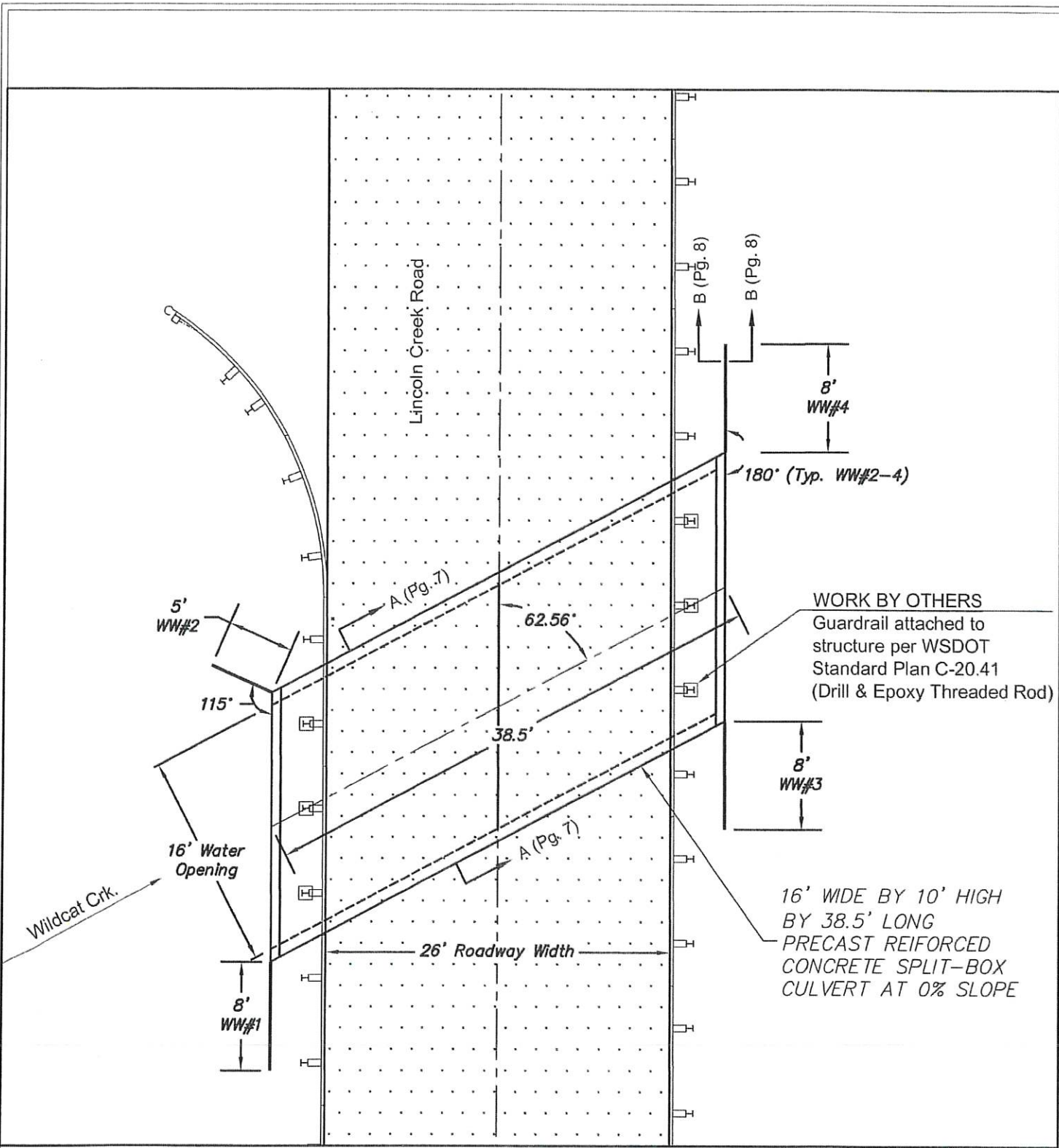
AWARD RESOLUTION NO. \_\_\_\_\_

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







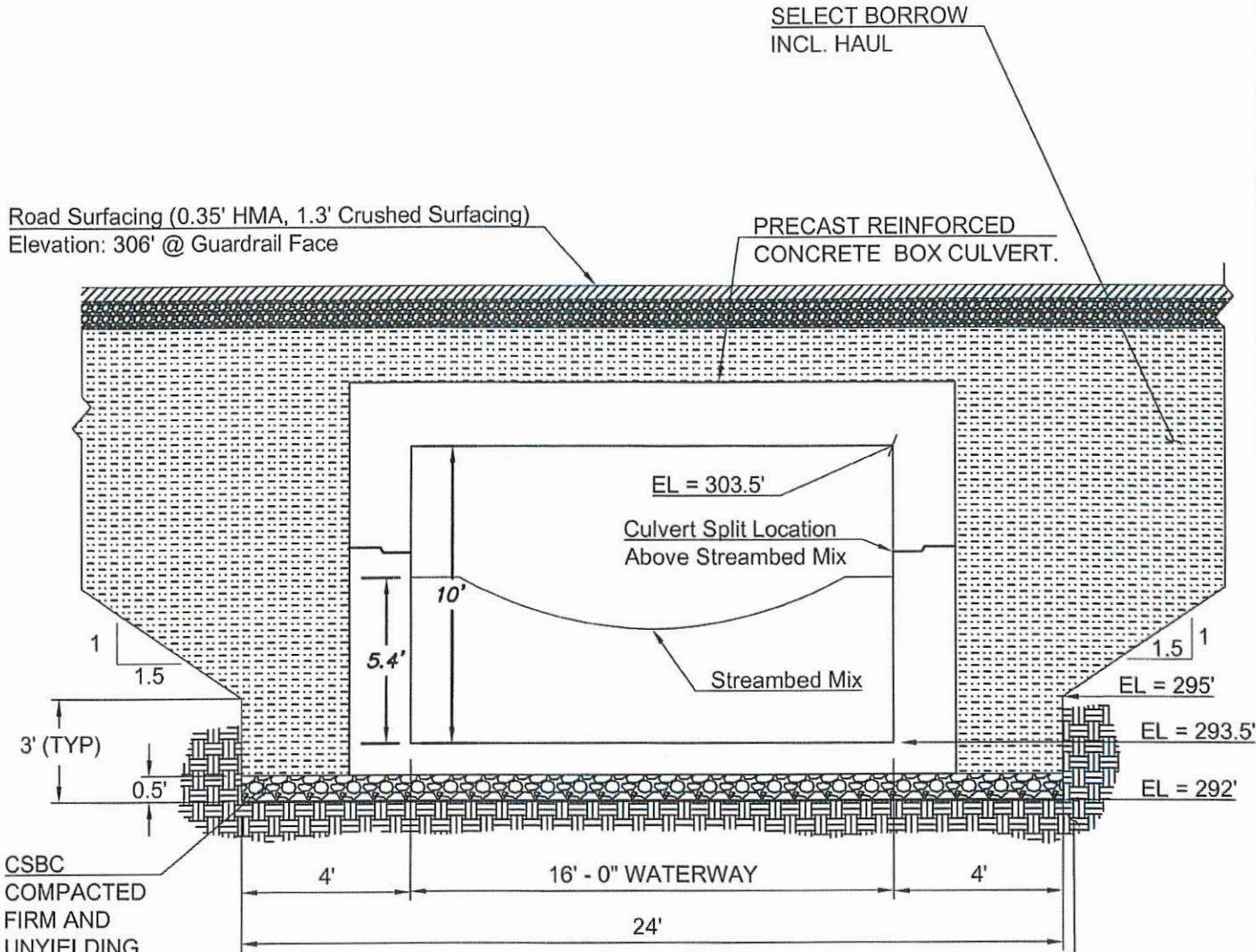


Plan View -- Reinf. Concrete Split Box Culv.

1" = 10'



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 CULVERT MATERIAL PURCHASE      DATE  
 LINCOLN CREEK ROAD MP 13.7      29-Mar-21  
 SM 20F100191370



- NOTE:**
1. CULVERT TOP/SIDES/BASE TO BE DESIGNED/PROVIDED BY CULVERT SUPPLIER, ACTUAL DIMENSIONS TO BE DETERMINED.
  2. ALL SURFACING MATERIALS AND STREAMBED MIX BY OTHERS

**SECTION A-A  
PRECAST SPLIT BOX CULVERT**

Pg 6 NOT TO SCALE



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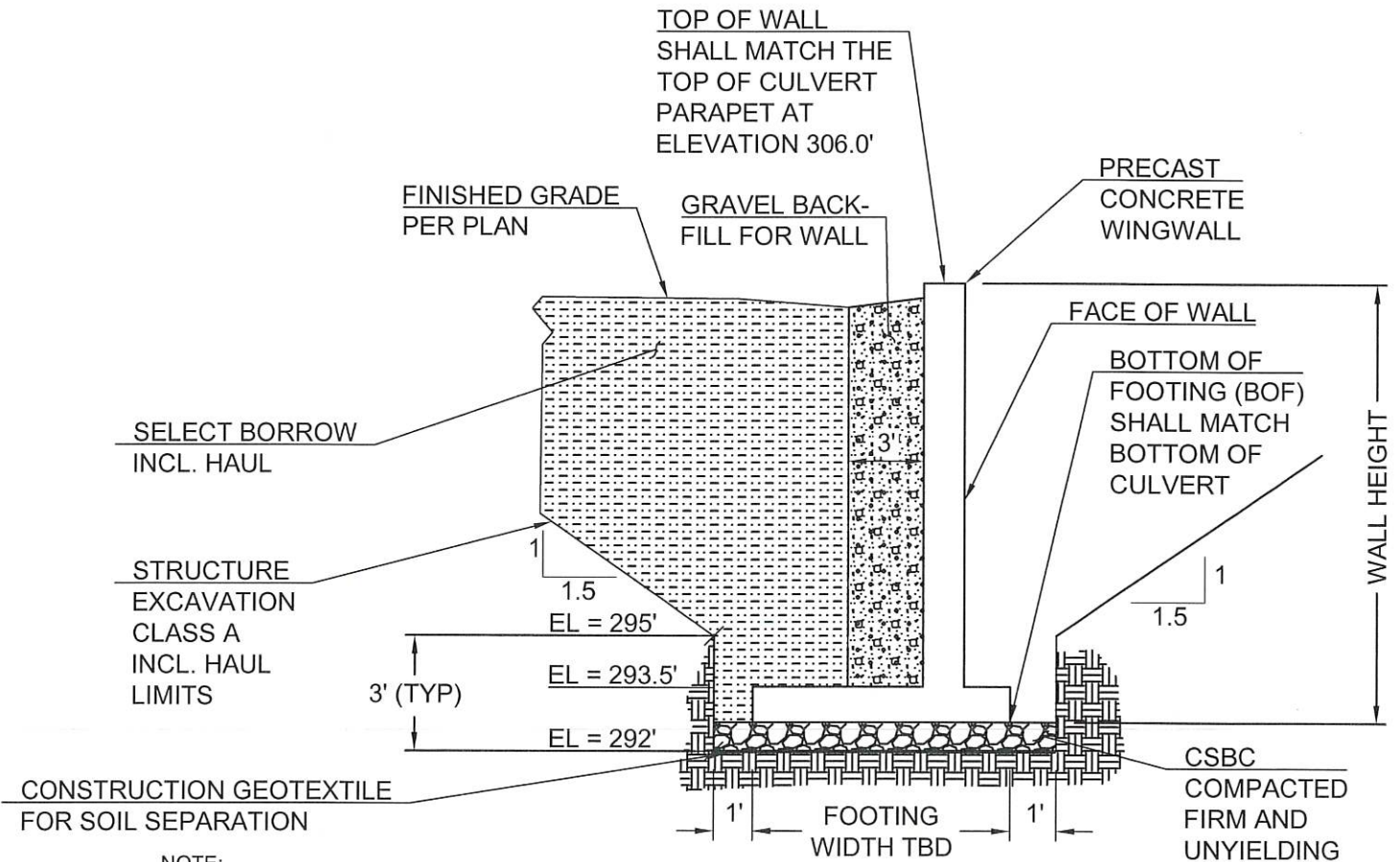
## WINGWALL TABLE

WINGWALL NO.	LENGTH (FT)	ANGLE TO CULVERT OPENING (DEGREES)	ELEVATION / HEIGHT (FT)	ELEVATION / END HEIGHT (FT)	BOF ELEV*
1 (SW)	8	180	306.0 / 13.5	306.0 / 13.5	292.5
2 (NW)	5	115	306.0 / 13.5	304.0 / 11.5	292.5
3 (SE)	8	180	306.0 / 13.5	306.0 / 13.5	292.5
4 (NE)	8	180	306.0 / 13.5	305.5 / 13.0	292.5

\*ELEVATIONS MAY VARY DEPENDING ON APPROVED CULVERT SHOP DRAWINGS.

ASSUMED CULVERT DIMENSIONS DEPICTED/CALLED OUT:

- BOTTOM 1.0 FT THICK
- TOP 1.33 FT THICK
- PARAPET TOP ELEVATION = 306.0' (NOT DEPICTED)



**NOTE:**

1. PRECAST WINGWALL TO BE DESIGNED AND PROVIDED BY CULVERT SUPPLIER. ACTUAL DIMENSIONS TO BE DETERMINED.
2. SEE TABLE ABOVE FOR WINGWALL LOCATIONS.
3. ALL SURFACING MATERIALS BY OTHERS

**SECTION B-B  
PRECAST CONCRETE WINGWALL**

Pg 6 NOT TO SCALE



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