



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION
AUGUSTA, MAINE 04333-0016

Janet T. Mills
GOVERNOR

Dale F. Doughty
ACTING COMMISSIONER

December 12, 2025
Subject: Precast Concrete
State WIN: 027222.10 & 027496.10
Location: Medford & Etna
Amendment No. 1

Dear Sir/Ms.:

The following questions have been received:

Question: On page 32 of the Contract Bid Book (Etna drawing sheet No. 2 of 2) the top length of the culvert is not dimensioned. Can you please provide the top length of the culvert?

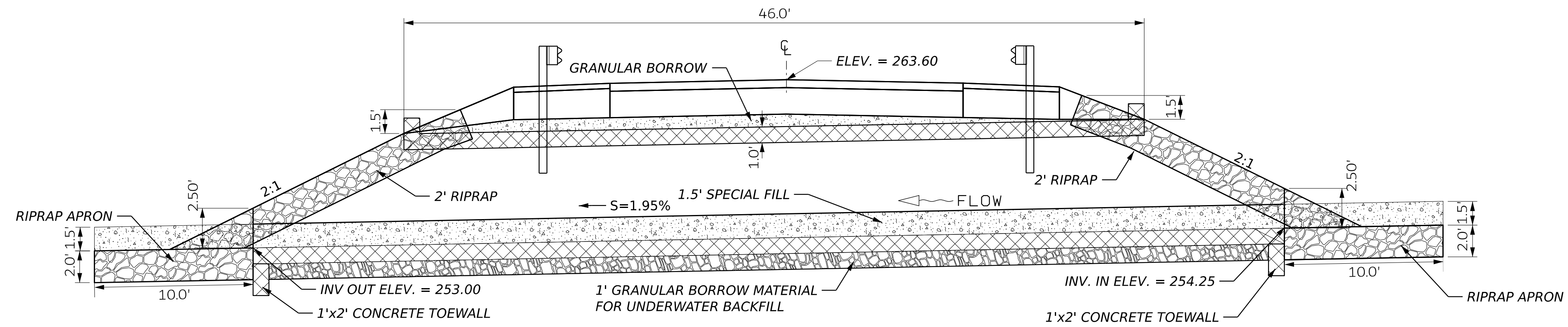
Response: 46 feet. Please see the attached detail sheet.

Consider these changes and information prior to submitting your bid on **December 17, 2025**.

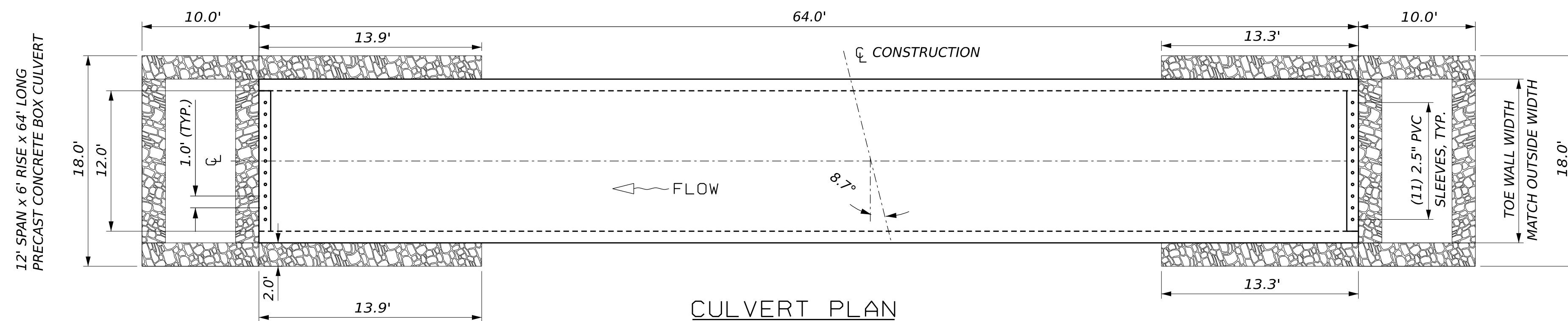
Sincerely,

A handwritten signature in blue ink that reads "George Macdougall".

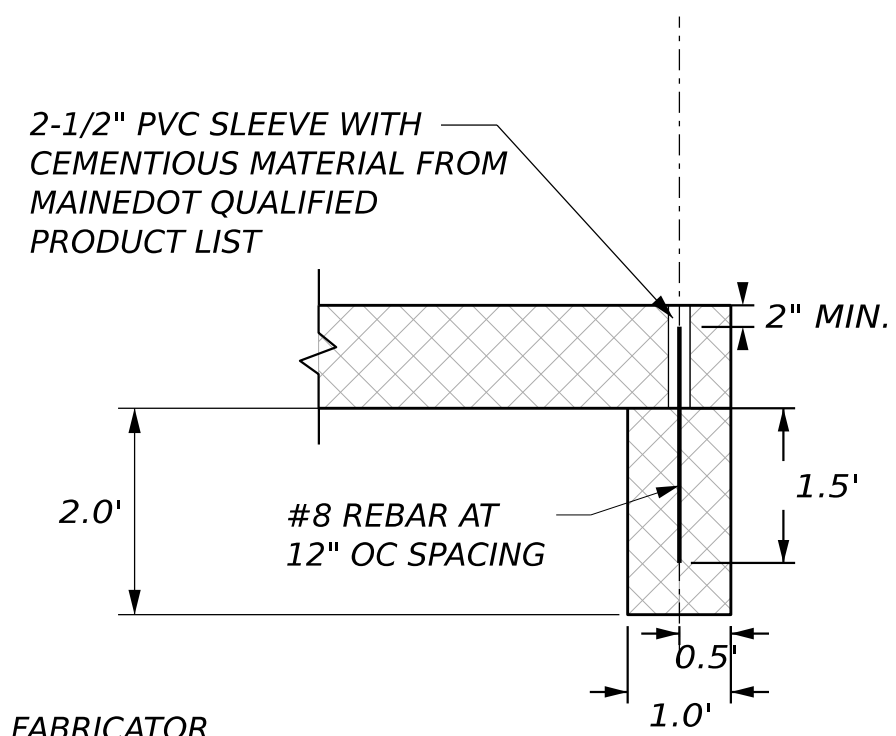
George M. A. Macdougall P.E.
Contracts & Specifications Engineer



LONGITUDINAL PRECAST CONCRETE BOX CULVERT SECTION
NOT TO SCALE



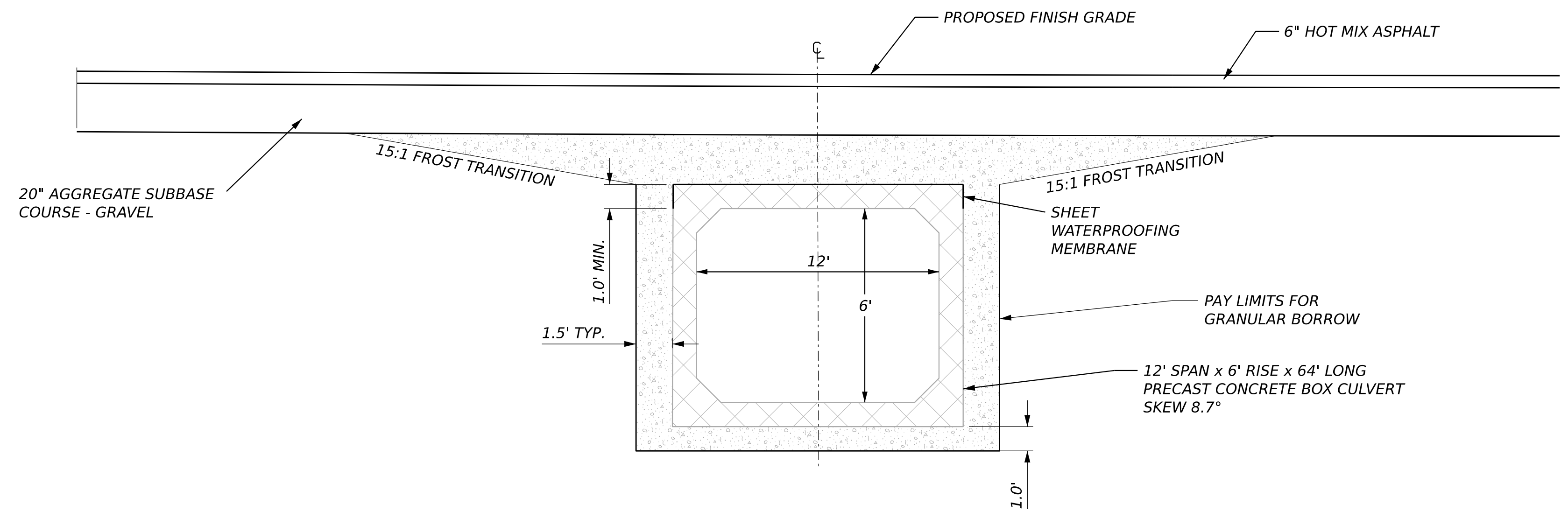
CULVERT PLAN
NOT TO SCALE



TOE WALL NOTES

1. TOE WALL REINFORCING PER FABRICATOR

PRECAST CONCRETE TOE WALL DETAIL
NOT TO SCALE



TYPICAL CULVERT SECTION
NOT TO SCALE

CULVERT NOTES

1. INSTALL STANDARD MEMBRANE WATERPROOFING OVER THE TOP AND TO AT LEAST 12 INCHES DOWN THE EXTERIOR SIDES OF PRECAST UNITS.
2. CONSTRUCTION, HANDLING AND ASSEMBLY OF THE PRECAST UNITS SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AS APPLICABLE.
3. THE PRECAST UNIT SHALL BE DESIGNED TO CARRY LOADINGS WITH A MINIMUM FILL COVER OF 18" OVER THE TOP OF THE UNITS.
4. THE PRECAST UNIT WILL BE A "CLAMSHELL" DESIGN, WITH THE HORIZONTAL SEAM A MINIMUM OF 1 FOOT ABOVE THE STREAMBED MATERIAL.
5. THE PRECAST CULVERT BOX CULVERT SHALL BE BEDDED ON A 1-FOOT LAYER OF COMPACTED GRANULAR BORROW MATERIAL FOR UNDERWATER BACKFILL.
6. VOIDS IN RIPRAP SHALL BE IN-FILLED WITH SPECIAL FILL OR OTHER SUITABLE GRANULAR FILLER MATERIAL, WATERED IN, AND TAMPED PRIOR TO COVERING WITH SPECIAL FILL.
7. COFFERDAMS ARE TO BE PLACED AT THE DOWNSTREAM AND UPSTREAM ENDS OF THE CULVERT TO ALLOW CONSTRUCTION OF THE CULVERT IN THE DRY.

PROJ. MANAGER	DATE	SIGNATURE
DESIGN-DETAILED		
CHECKED-REVIEWED		
DESIGN-DETAILED02		
DESIGN-DETAILED03		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

ETNA
ROUTE 2
BOX CULVERT DETAILS