

**GOGEBIC COUNTY ROAD COMMISSION  
2021 BID FORM – Culvert Replacements**

**ESTIMATED REQUIREMENTS CONCRETE CULVERT MATERIAL**

The Board of County Road Commissioners of Gogebic County, State of Michigan, at its office in the Courthouse annex, City of Bessemer, will receive sealed bids until **10:00 a.m. CST on Wednesday, March 3, 2021** for the materials listed.

**Concrete Pipe:**

All culverts shall conform to Michigan Department of Transportation 2012 Specifications. Pipe segments shall include Gasket Joints, lifting holes and plugs where applicable. Price also shall include fabric for wrapping culvert joints. The exterior 2 pipe joints shall be tied together with 1" diameter A325 or G35 Galvanized A36 Steel Assembly brackets – 2 ties per joint (8 total joint ties). Concrete pipes shall be tied together per the typical detail. Costs for the joint ties, lift hole plugs and all requirements of the MDOT 2012 Specification shall be incidental to the pipe.

See attached plan sheets for reference.

**Concrete Culverts include the following:**

<b>Project Location</b>	<b>Culvert Size</b>	<b>Length</b>	<b>Depth of Cover (to CL of Rd)</b>
Blackjack Road	CI C, Conc, 48 inch	88 feet	~17 feet

All concrete culvert materials price shall be F.O.B. to culvert project locations on Blackjack Road (~1.7 miles north of US-2 as shown on General Location Map) in Bessemer Township. GCRC will stake out culvert locations for delivery. Bidder shall be responsible for unloading all concrete pipes at the project location at their own cost.

**Schedule for culvert delivery:** Concrete pipe culverts: **June 15, 2021**

## Bid Schedule:

### A) BLACKJACK ROAD (Bessemer Township)

ITEM DESCRIPTION	APPROX. QUANTITY	UNIT	UNIT PRICE	BID AMOUNT
Culv, CI C, Conc, 48 inch	88	Lft	_____	_____
<b>TOTAL BID</b>				_____
<b>TOTAL BID (ALL CULVERT PROJECTS) ITEMS A</b>				_____

Bids are to be submitted in separate envelopes and plainly marked on the outside of the envelope what bid item is enclosed. The Board will accept a fax bid at (906) 663-4807 provided it is followed by receipt of the original signed bid by mail.

The Board reserves the right to reject or accept any or all bids or to waive irregularities and to accept any bid that, in the opinion of the Board, is to the best interest and advantage of the County of Gogebic.

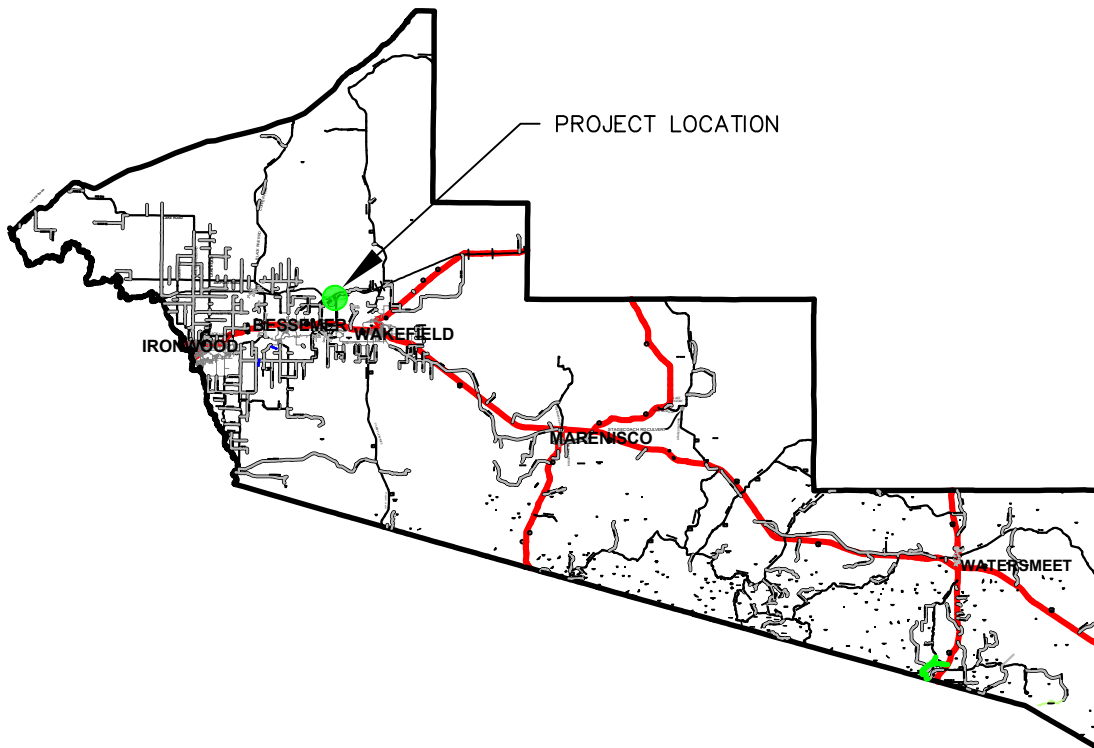
COMPANY \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

TOTAL BID \$ \_\_\_\_\_

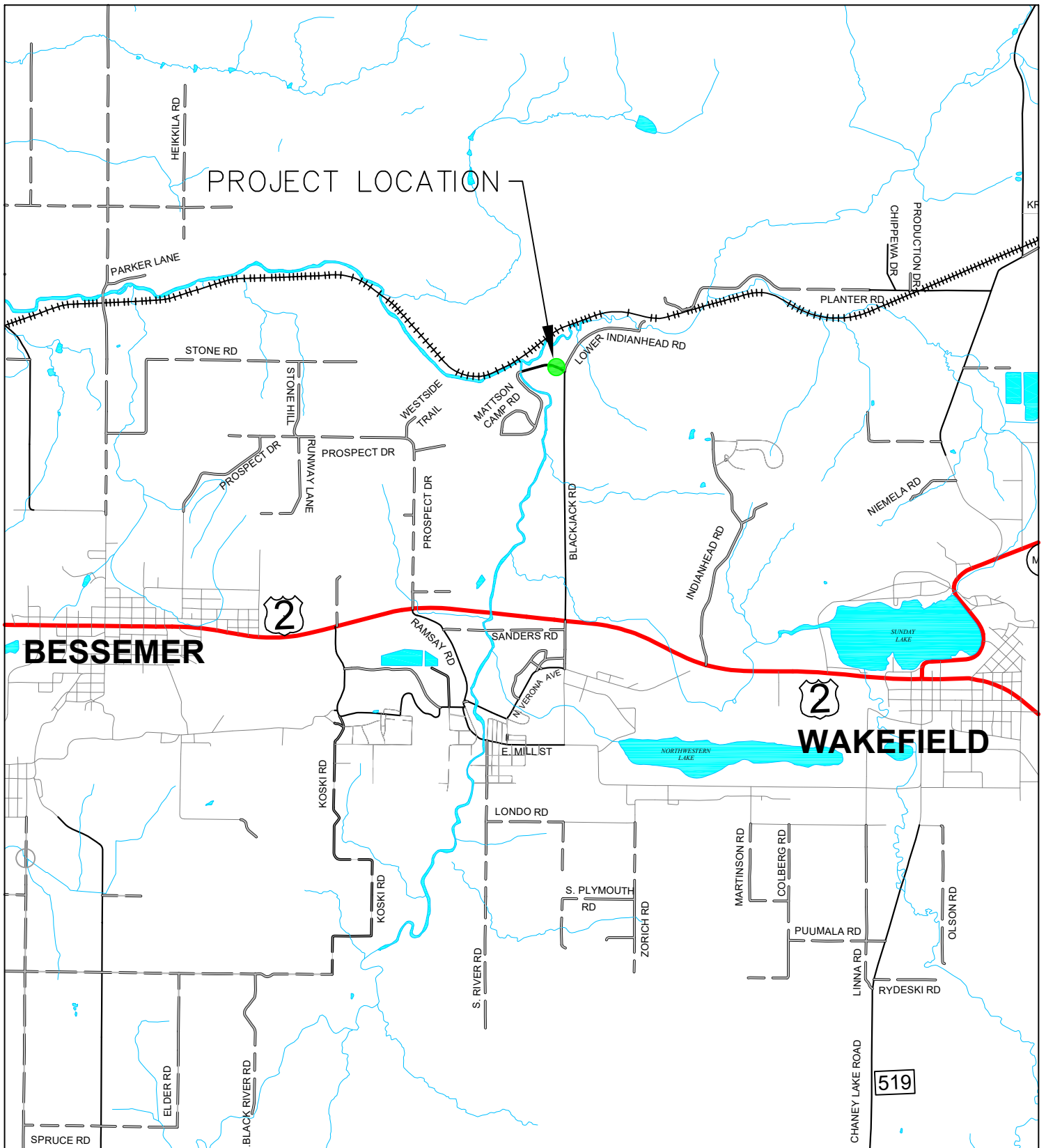
TERMS \_\_\_\_\_

SIGNED BY: \_\_\_\_\_

DATE \_\_\_\_\_



SCALE:	N/A	GOGEBIC COUNTY ROAD COMMISSION 200 N. MOORE ST. COURTHOUSE ANNEX BESSEMER, MI 49911	PROJECT:	BLACKJACK ROAD CULVERT	SHEET TITLE: LOCATION MAPS 1	SHEET 1
DRAWN BY:	MDM					
DATE:	1-19-2021		TOWNSHIP:	BESSEMER		
PROJECT NO.:	N/A					OF 2



SCALE: N/A	GOGEBIC COUNTY ROAD COMMISSION 200 N. MOORE ST. COURTHOUSE ANNEX BESSEMER, MI 49911	PROJECT: BLACKJACK ROAD CULVERT	SHEET TITLE: LOCATION MAPS 2	SHEET 2 OF 2
DRAWN BY: MDM				
DATE: 1-19-2021		TOWNSHIP: BESSEMER		
PROJECT NO.: N/A				

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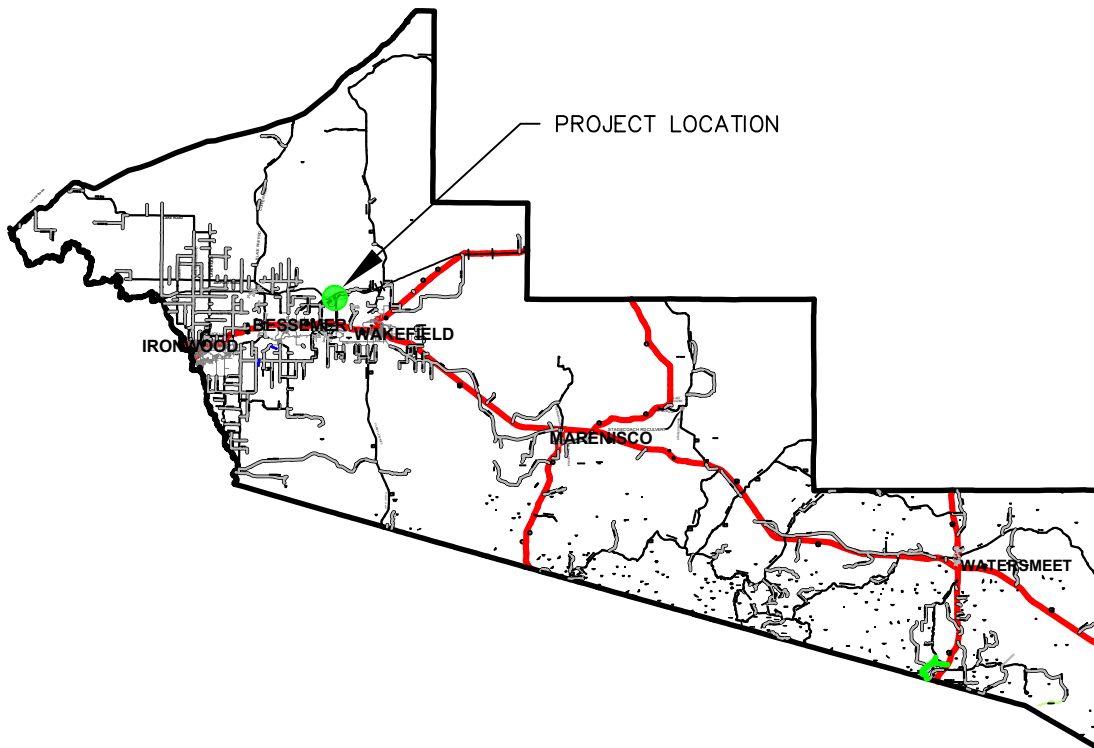
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\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

TOTAL BID \$ \_\_\_\_\_

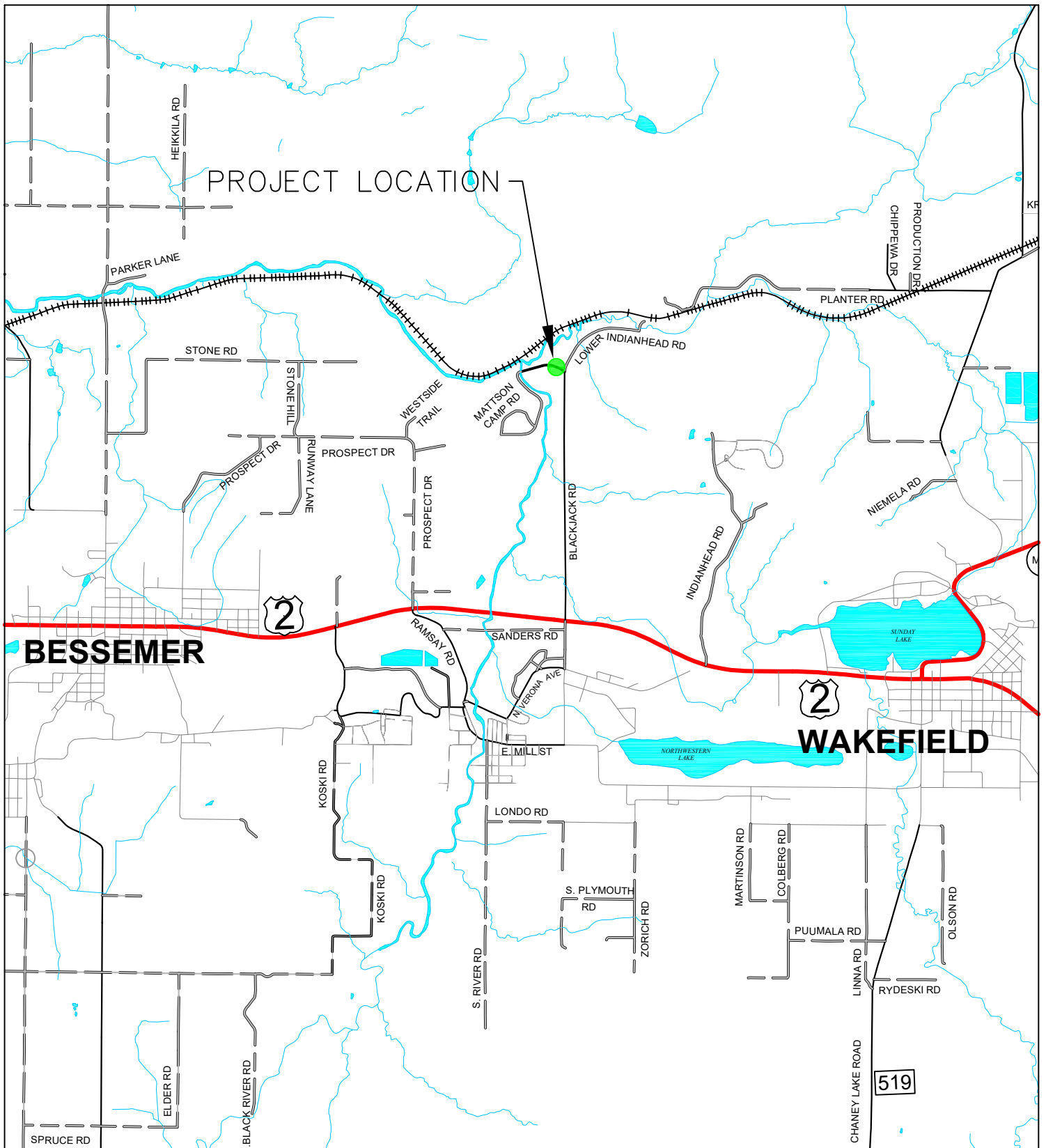
TERMS \_\_\_\_\_

SIGNED BY: \_\_\_\_\_

DATE \_\_\_\_\_



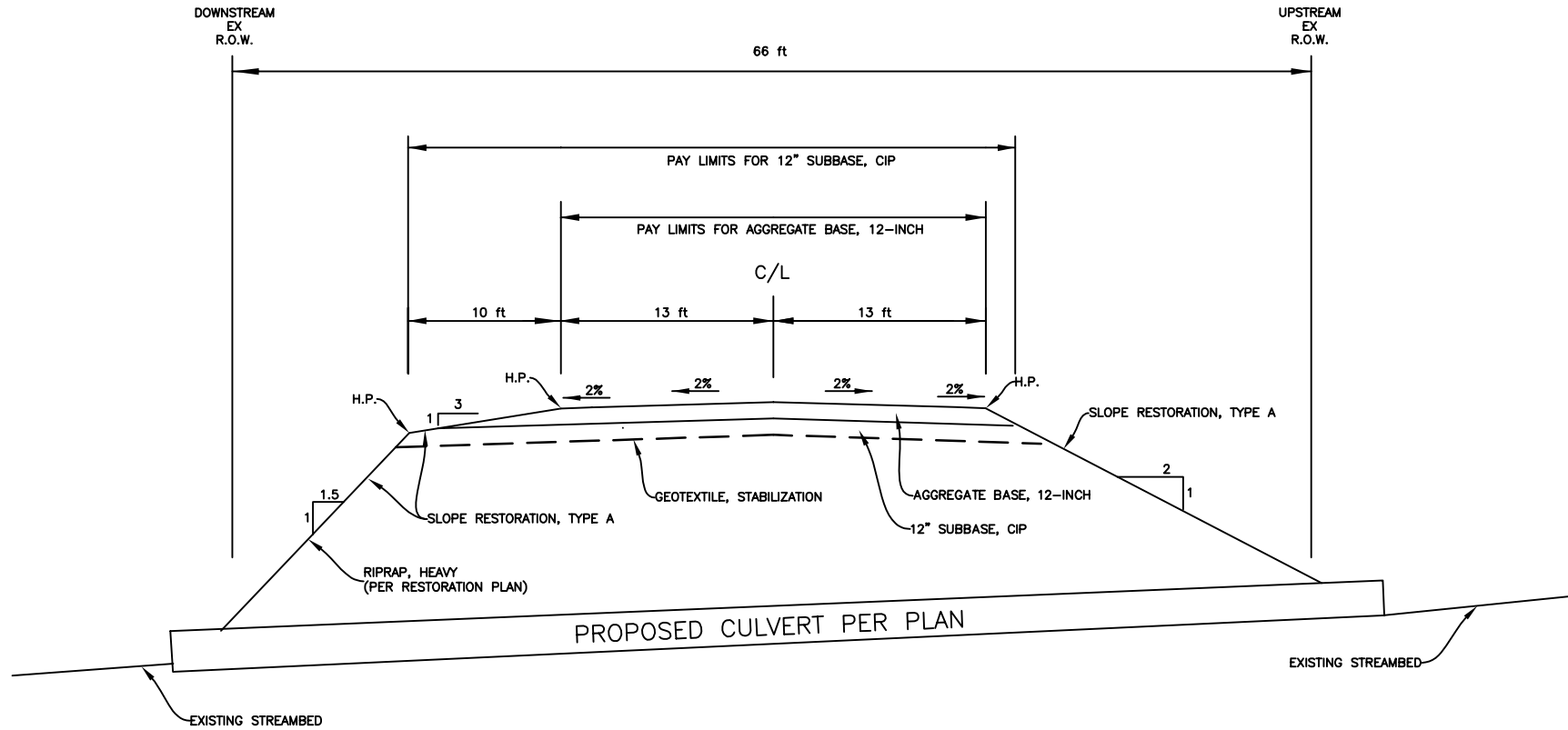
SCALE:	N/A	GOGEBIC COUNTY ROAD COMMISSION 200 N. MOORE ST. COURTHOUSE ANNEX BESSEMER, MI 49911	PROJECT:	BLACKJACK ROAD CULVERT	SHEET TITLE: LOCATION MAPS 1	SHEET 1
DRAWN BY:	MDM					
DATE:	1-19-2021		TOWNSHIP:	BESSEMER		
PROJECT NO.:	N/A					OF 2



SCALE: N/A	GOGEBIC COUNTY ROAD COMMISSION 200 N. MOORE ST. COURTHOUSE ANNEX BESSEMER, MI 49911	PROJECT: BLACKJACK ROAD CULVERT	SHEET TITLE: LOCATION MAPS 2	SHEET 2 OF 2
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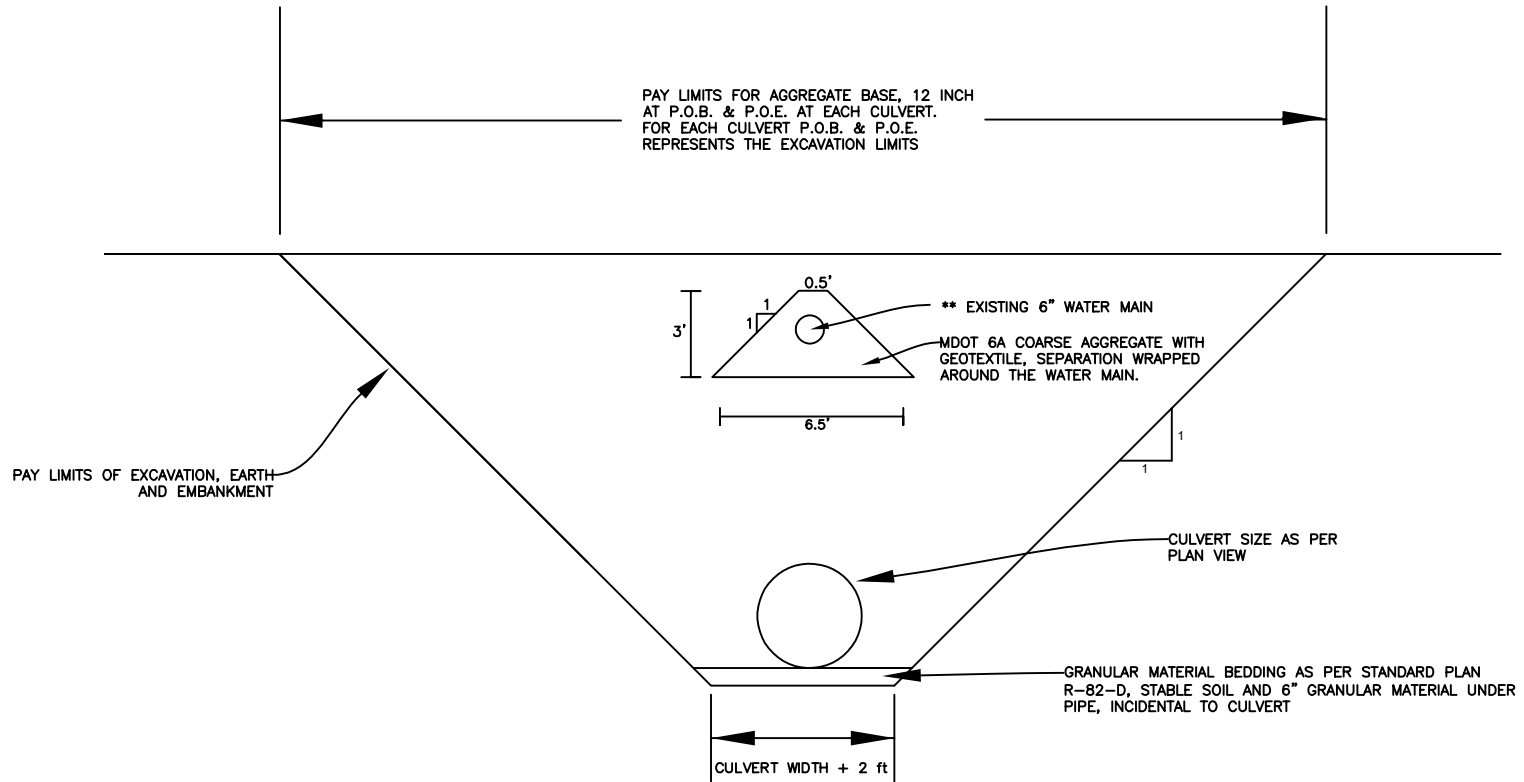


# TYPICAL CULVERT PROFILE



DRAWN BY: MDM	ROAD NAME AND NUMBER BLACKJACK ROAD CULVERT 2 TYPICAL	CONTROL SECTION	STATE JOB NO.	COUNTY		SHEET NUMBER	TOTAL SHEETS
SCALE: NO SCALE	OWNER GOGEBIC COUNTY ROAD COMMISSION	.	.	GOGEBIC		1	5

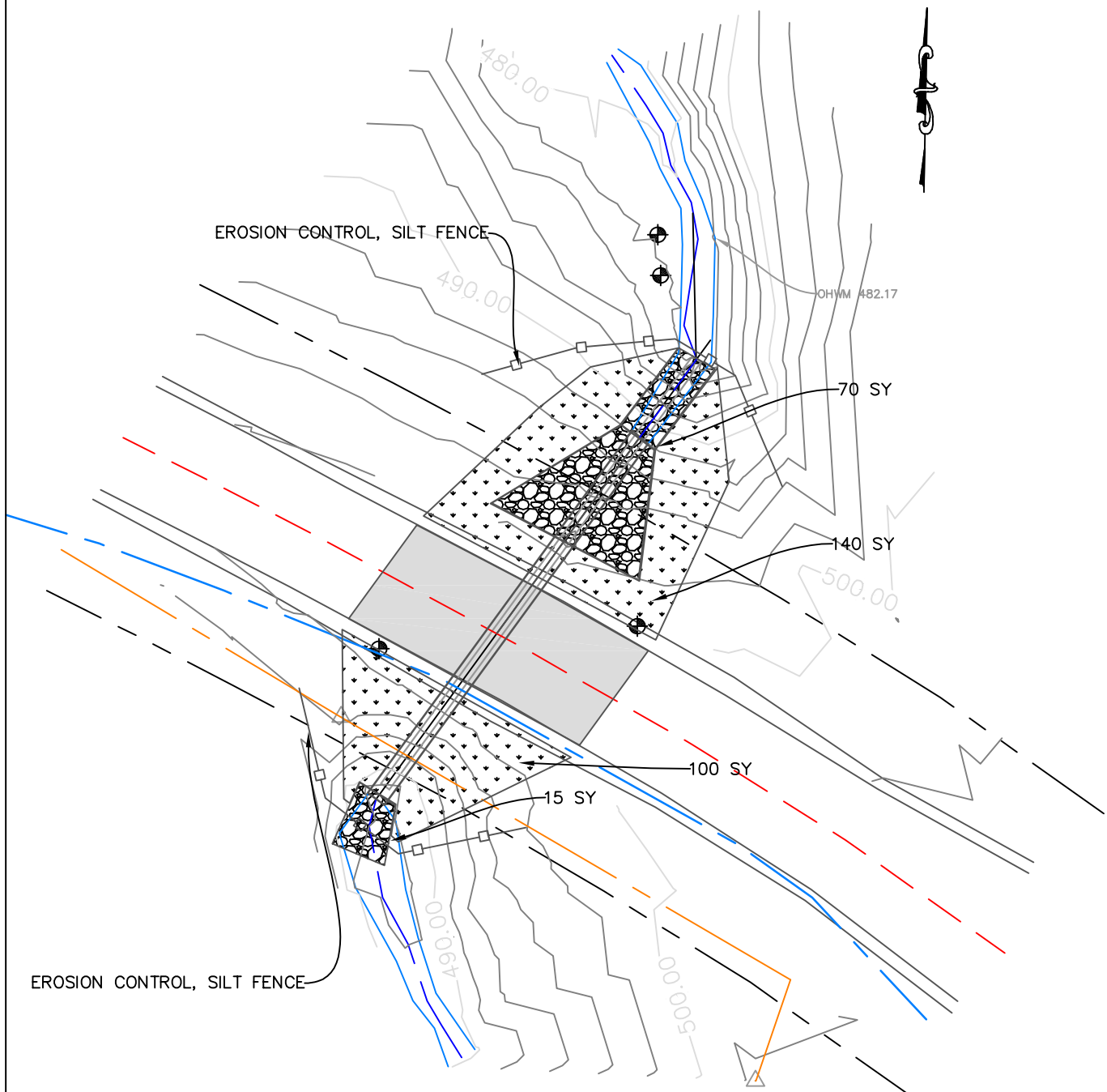
## TYPICAL TRENCH SECTION



\*\* WATERMAIN LOCATION IS APPROXIMATED ON THE  
PLANS. CONTRACTOR SHALL LOCATE EXISTING  
WATER MAIN.

DRAWN BY: MDM	ROAD NAME AND NUMBER <u>BLACKJACK ROAD CULVERT 2 TYPICAL</u>	CONTROL SECTION	STATE JOB NO.	COUNTY		SHEET NUMBER	TOTAL SHEETS
SCALE: NO SCALE	OWNER <u>GOGEBIC COUNTY ROAD COMMISSION</u>	.	.	GOGEBIC		2	5





RIPRAP, HEAVY AND NON-WOVEN GEOTEXTILE SEPARATOR



SLOPE RESTORATION, TYPE A (USE SEED MIX TYPE THV (INCIDENTAL))  
MULCH BLANKET, HIGH VELOCITY

DRAWN BY: MDM

SCALE: 1"=30'

BLACKJACK ROAD CULVERT 2 RESTORATION

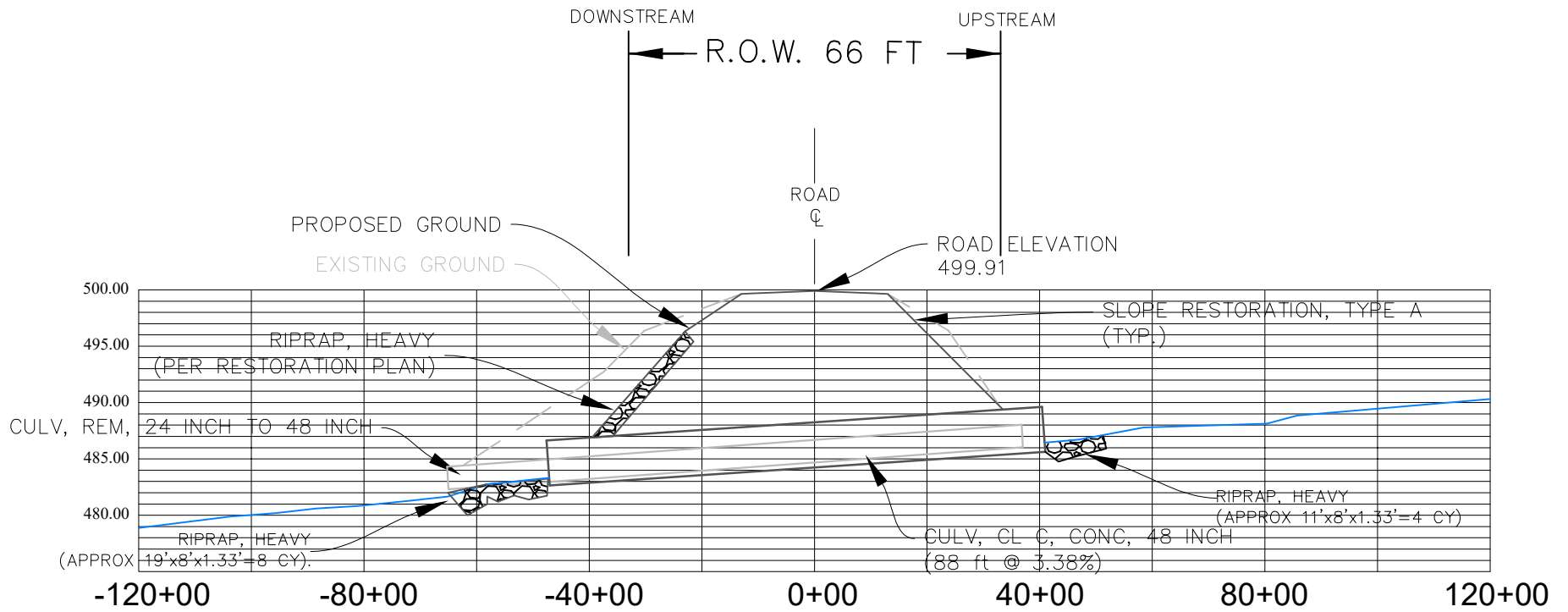
GOGEBIC COUNTY ROAD COMMISSION

STATE  
PROJECT NO.

STATE  
JOB NO.

SHEET NO.

4 OF 5



## SECTION AA-AA

DRAWN BY: MDM	ROAD NAME AND NUMBER BLACKJACK ROAD CULVERT 2	CONTROL SECTION	STATE JOB NO.	COUNTY		SHEET NUMBER	TOTAL SHEETS
SCALE: NO SCALE	OWNER GOGEBIC COUNTY ROAD COMMISSION			GOGEBIC		5	5