

ADDENDUM NO. 1

ALLEGAN COUNTY ROAD COMMISSION

LH 400095 – 121<sup>ST</sup> AVENUE CULVERT REPLACEMENT

OCTOBER 19, 2023

Addendum No. 1 to the Plans and Specifications for the 121<sup>st</sup> Avenue Culvert Replacement, as prepared by the Allegan County Road Commission for the November 8, 2023, bid letting. The purpose of this addendum is to revise the following:

Soil boring information has been provided for bidder's reference. The test borings represent point information and may not have encountered all the types and materials which are present at the site. These boring logs do not constitute a guarantee of the soil or groundwater conditions, or that the test borings are an exact representation of the soil or groundwater conditions at all points on the site.

The Contractor hereby acknowledges receipt of this Addendum No. 1 and shall include a signed copy with his bid.

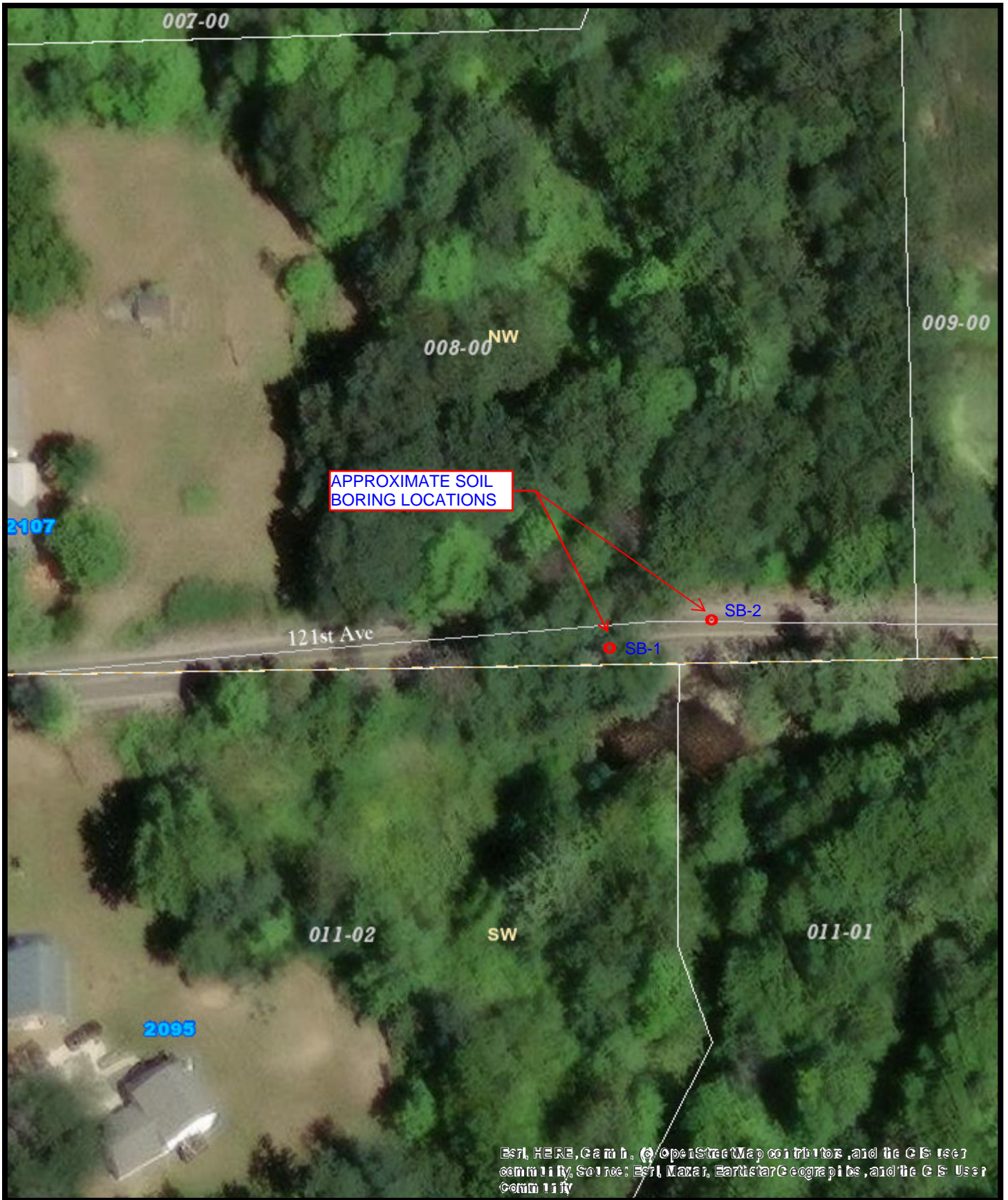
Contractor: \_\_\_\_\_

Signature: \_\_\_\_\_

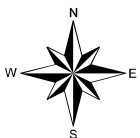
Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_



Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS User community, Source: Esri, Maxar, Earthstar Geographics, and the GIS User community



Allegan County GIS Services assumes no liability for the conclusions drawn from the use of these data.

1 inch = 94 feet  
 Map Printed: 10/19/2023



**GREAT LAKES DRILLING COMPANY**  
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**FIELD BORING LOG**

Boring No.: 1  
 Sheet No. 1 of 2  
 Project No. \_\_\_\_\_

Project Name: 121st Avenue Culvert  
 Location: Allegan Twp, Michigan  
 Date Started: 7-21-23 Date Completed: 7-24-23  
 Offset From Stake: \_\_\_\_\_

Client: Allegan Co Road Commission  
 Type of Rig: CME 75  
 Weather: Sunny 60°  
 Reason For Offset: \_\_\_\_\_

Driller: JW Cook  
 Assistant: T West  
 Surface Elevation: \_\_\_\_\_

Sample No.	Sample Interval (feet)		Blow Counts per each 6" Penetration				N Value	Rec. (Inch)	Qp (tsf)	Strata Changes		Soil/Material Description
	From	To	0"-6"	6"-12"	12-18"	18-24"				From	To	
1	1.0	2.5	7	9	10		19	18"		0'0"	0'5"	Asphalt
2	3.5	5.0	2	5	7		12	18"		0'5"	0'11"	Broken and some gravel
3	6.0	7.5	3	4	5		9	18"		0'11"	1'0"	Broken and - layers of trash & broken and soil at the base of some gravel - full
4	8.5	10.0	4	4	4		10	18"				Asphalt from base and - 4" clay
5	13.5	15.0	3	4	4		10	18"		1'0"	1'0.5"	When very sandy clay. In spite of water gravel - gran. with layers throughout
6	18.5	20.0	10	13	16		29	12"	45T	1'0.5"	3'0"	
7	23.5	25.0	12	17	19		34	10"	45T			
8	28.5	30.0	6	9	14		23	18"	45T			
9	33.5	35.0										
10	38.5	40.0										

<b>Drilling Notes</b> <u>3/4</u> " I. D. HSA to <u>28.5</u> ft <u>6</u> " O.D. SSA to _____ ft Wash Water Used From: _____ ft Loss [ ] Gain [ ] Water at _____ ft Estimated Loss/Gain: _____ gal		<b>Backfill Method</b> <input checked="" type="checkbox"/> Auger Cuttings: _____ <input type="checkbox"/> Bentonite Grout: _____ <input type="checkbox"/> Cement Grout: _____ <input checked="" type="checkbox"/> Asphalt Patch: _____ <input type="checkbox"/> Other: _____		<b>Water Level Observations</b> <u>14.0</u> [ ] WS [X] WD At Completion _____ ft Hours _____ Notes: _____		<b>Cave-In Depths</b> <u>6.0"</u> Dry Wet	
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**FIELD BORING LOG**

Boring No.: 2  
 Sheet No. 2 of 2  
 Project No. \_\_\_\_\_

Project Name: 121st Avenue Culvert  
 Location: Allegan Twp, Michigan  
 Date Started: 7-24-23 Date Completed: 7-24-23  
 Offset From Stake: \_\_\_\_\_

Client: Allegan Co Road Commission Driller: JW Cook  
 Type of Rig: CME 75 Assistant: T West  
 Weather: Sunny 77° Surface Elevation: \_\_\_\_\_  
 Reason For Offset: \_\_\_\_\_

Sample No.	Sample Interval (feet)		Blow Counts per each				N Value	Rec. (Inch)	Qp (tsf)	Strata Changes		Soil/Material Description
	From	To	0"-6"	6"-12"	12-18"	18-24"				From	To	
1	1.0	2.5	4	8	10		18	18"		0'0" to 0'2"	Asphalt	
2	3.5	5.0	5	6	8		14	18"		0'2" to 1'0"	Brown and sand & fine to coarse gravel	
3	6.0	7.5	4	5	6		11	18"		1'0" to 12'0"	Brown to blue brown, fine sand - w. clay & fine gravel - FILL	
4	8.5	10.0	3	5	5		10	18"		12'0" to 24'3"	Very clay - w. gravel & fine to coarse gravel - FILL	
5	13.5	15.0	3	6	8		14	18"	2.0	24'3" to 30'0"	Light gravel - sand - wet @ 19.8' - 30'0'	
6	18.5	20.0	10	13	19		32	18"	4.5x		Very sandy, clayey, silt - clay	
7	23.5	25.0	10	14	17		33	18"	4.5x			
8	28.5	30.0	8	12	17		29	18"				
9	33.5	35.0										
10	38.5	40.0									E.O.B. - 30'	

<b>Drilling Notes</b> <u>3/4</u> " I. D. HSA to <u>28.5</u> ft <u>6</u> " O.D. SSA to _____ ft Wash Water Used From: _____ ft Loss [ ] Gain [ ] Water at _____ ft Estimated Loss/Gain: _____ gal		<b>Backfill Method</b> <input checked="" type="checkbox"/> Auger Cuttings: _____ <input type="checkbox"/> Bentonite Grout: _____ <input type="checkbox"/> Cement Grout: _____ <input checked="" type="checkbox"/> Asphalt Patch: _____ <input type="checkbox"/> Other: _____		<b>Water Level Observations</b> <u>19.8</u> [X] WS [X] WD At Completion _____ ft Hours _____		<b>Cave-In Depths</b> <u>10'5"</u> Dry _____ Wet	
Notes: _____							