

DATE: January 24, 2025

ADDENDUM NO. 1
TO
CONSTRUCTION DOCUMENTS
FOR PROJECT NO. E008-338

DESCRIPTION: **AML SITE 1836 12th STREET HIGHWALL**

LOCATION: **GREENE COUNTY, INDIANA**

FOR AGENCY: **DEPARTMENT OF NATURAL RESOURCES**

The information contained in this Addendum shall become a part of the basic plans and specifications the same as if originally incorporated therein. The original plans and specifications shall remain in their entirety, except as modified by this addendum. The items herein shall supersede information in the specifications and on the plans.

ITEM NO. 1:

Plan Sheet 7 of 12 for this project has been revised and will be posted to the bid page along with this Addendum.

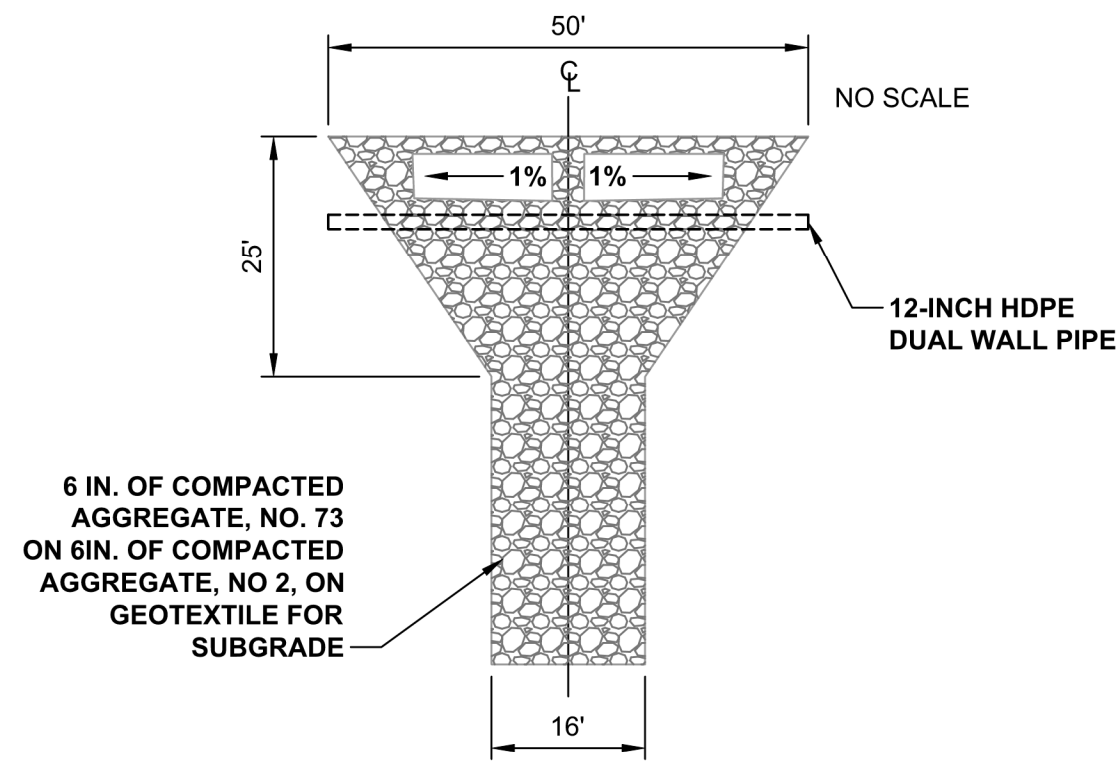
ITEM NO. 2:

The Schedule of Base Bid Quantities have been revised and are included along with this addendum.

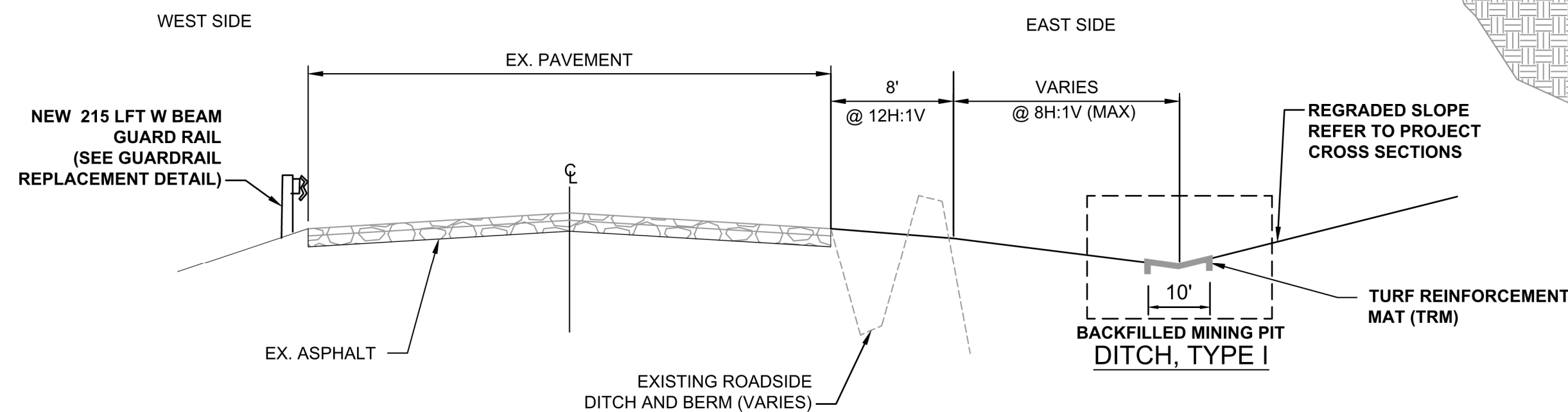
END OF ADDENDUM

Schedule of Base Bid Quantities
Site 1836, 12th Street Highwall
Project No. E008-338

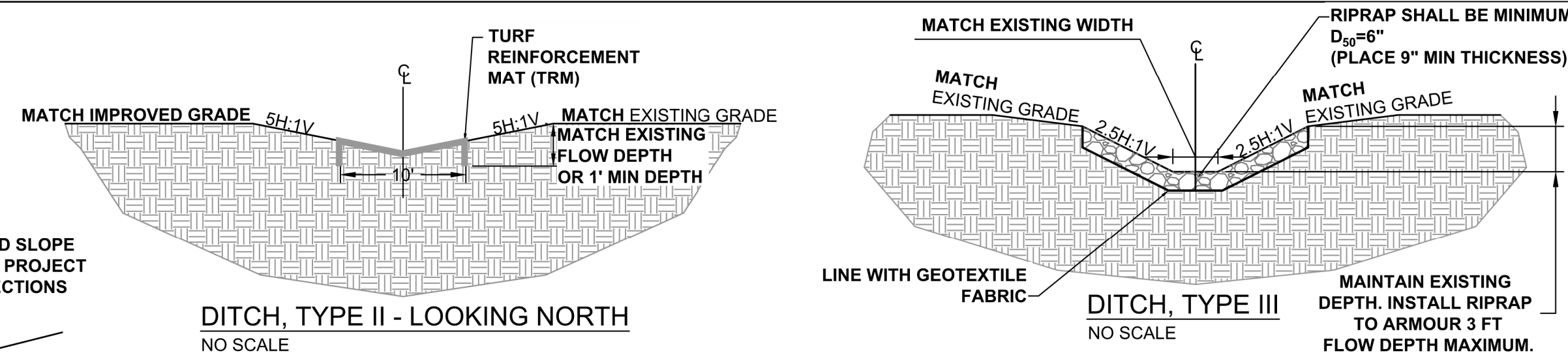
Item Number	Item	Base Bid Quantity	Unit
1	Temporary Silt Fence	2010	LF
2	Temporary Check Dam, Straw Bales	50	EACH
3	Density Test	14	EACH
4	Sodium Hydroxide Solution, 20%	100	GAL
5	Sodium Hydroxide Solution, 50%	100	GAL
6	Ditch, Type I	440	LF
7	Ditch, Type II	500	LF
8	Ditch, Type III	60	LF
9	Ditch, Type IV	160	LF
10	Ditch, Type V	360	LF
11	Agricultural Lime	288	TON
12	Nitrogen	1152	LBS
13	Phosphate	2736	LBS
14	Potash	4224	LBS
15	Soil Test	8	EACH
16	Erosion Control - Turf Reinforcement Mats	1230	SYS
17	Geotextile	1290	SYS
18	Geotextile for Subgrade	140	SYS
19	Compacted Aggregate, No. 2	57	TON
20	Compacted Aggregate, No. 53	47	TON
21	Riprap, Revetment	480	TON
22	HDPE Dual Wall Pipe, Circular, 12"	60	LF
23	Project Sign	1	EACH
24	Remove / Dispose Existing Guardrail	1	LS
25	Guardrail MGS W-Beam, 6FT 3 IN Spacing	105	LF
26	Guardrail, additional intermediate posts	5	EACH
27	Guardrail End Treatment, OS (50LF)	2	EACH
28	Guardrail, Steel Curved Terminal End Section	0	EACH



CONSTRUCTION ENTRANCE DETAIL
NO SCALE



12 TH STREET - LOOKING NORTH
TYPICAL SHOULDER IMPROVEMENT DETAILS
NO SCALE



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SME **BORING B 1** PAGE 1 OF 1 BORING DEPTH: 23.9 FEET

PROJECT NAME: Reclamation of the AML Site #1836 PROJECT NUMBER: 091873.00
 CLIENT: Commonwealth Engineers, Inc. PROJECT LOCATION: Linton, Indiana
 DATE STARTED: 8/8/23 COMPLETED: 8/8/23 BORING METHOD: Hollow-stem Augers
 DRILLER: CD (Blacksheep) RIG NO.: 7822DT LOGGED BY: AMD CHECKED BY: AEB

ELEVATION (FEET)	DEPTH (FEET)	SYMBOLIC PROFILE	PROFILE DESCRIPTION	SAMPLE TYPE/NO.	RECOVERY (INCHES)	SPT BLOWS/FEET	HAMMER EFFICIENCY: 60% DATE	MOISTURE & ATTERBERG LIMITS (%)	DRY DENSITY (pcf)	TORVANE SHEAR	UNC. COMP.	WAVE SHEAR (PSI)	TRAXIAL (kSF)	REMARKS
502.0	0.3		4 inches of TOPSOIL	SB1	23									
500.3	2.0		FILL- LEAN CLAY- Little Shale Fragments- Brown and Gray Mottled- Soft to Medium (CL)	SB2	24									
498.3	4.0		FILL- LEAN CLAY- Little Shale Fragments- Brown and Gray Mottled- Medium to Stiff (CL)	SB3	24									
496.3	6.0		FILL- LEAN CLAY- Some Shale Fragments- Brown, Gray and Black- Medium to Stiff (CL)	SB4	24									
494.3	8.0		FILL- LEAN CLAY- Some Shale Fragments- Brown, Gray and Black- Soft to Medium (CL)	SB5	18									
492.3	10.0		Possible FILL- LEAN CLAY- Few Shale Fragments- Brown and Gray Mottled- Soft to Stiff (CL)	SB6	14									
490.3	12.0		LEAN CLAY- Few Shale Fragments- Sand- Brown and Gray Mottled- Very Soft to Soft (CL)	SB7	23									
488.3	14.0		LEAN CLAY- Brown and Gray Mottled- Very Soft to Soft (CL)	SB8	18									
486.3	16.0		LEAN CLAY with Completely to Highly Weathered Shale- Gray- Very Soft to Soft (CL)	SB9	14									
484.3	18.0		LEAN CLAY- Few Shale Fragments- Brown and Gray Mottled- Medium (CL)	SB10	15									
482.3	20.0		LEAN CLAY with Completely Weathered to Highly Weathered Shale- Gray- Medium (CL)	SB11	18									
480.3	22.0		LEAN CLAY- Brown and Gray Mottled- Very Soft (CL)	SB12	18									
478.8	23.5		LEAN CLAY with Completely to Highly Weathered Shale- Brown and Gray- Soft to Stiff (CL)											
478.4	23.9		Highly Weathered Shale- Brown to Gray- Soft											

END OF BORING AT 23.9 FEET.

GROUNDWATER & BACKFILL INFORMATION
 DURING BORING: 15.8 486.5
 AT END OF BORING: 22.4 479.9

CAVE-IN OF BOREHOLE AT: 3.0 499.3
 BACKFILL METHOD: Auger Cuttings

NOTES: 1. The indicated stratification lines are approximate. The in-situ transitions between materials may be gradual.
 2. The colors depicted on the symbolic profile are solely for visualization purposes and do not necessarily represent the in-situ colors encountered.
 3. No hammer efficiency data was available, and the graphic output illustrates the field measured blow counts.
 4. Split-spoon refusal was encountered at 23.9 feet.

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SME **BORING B 2** PAGE 1 OF 1 BORING DEPTH: 26 FEET

PROJECT NAME: Reclamation of the AML Site #1836 PROJECT NUMBER: 091873.00
 CLIENT: Commonwealth Engineers, Inc. PROJECT LOCATION: Linton, Indiana
 DATE STARTED: 8/8/23 COMPLETED: 8/8/23 BORING METHOD: Hollow-stem Augers
 DRILLER: CD (Blacksheep) RIG NO.: 7822DT LOGGED BY: AMD CHECKED BY: AEB

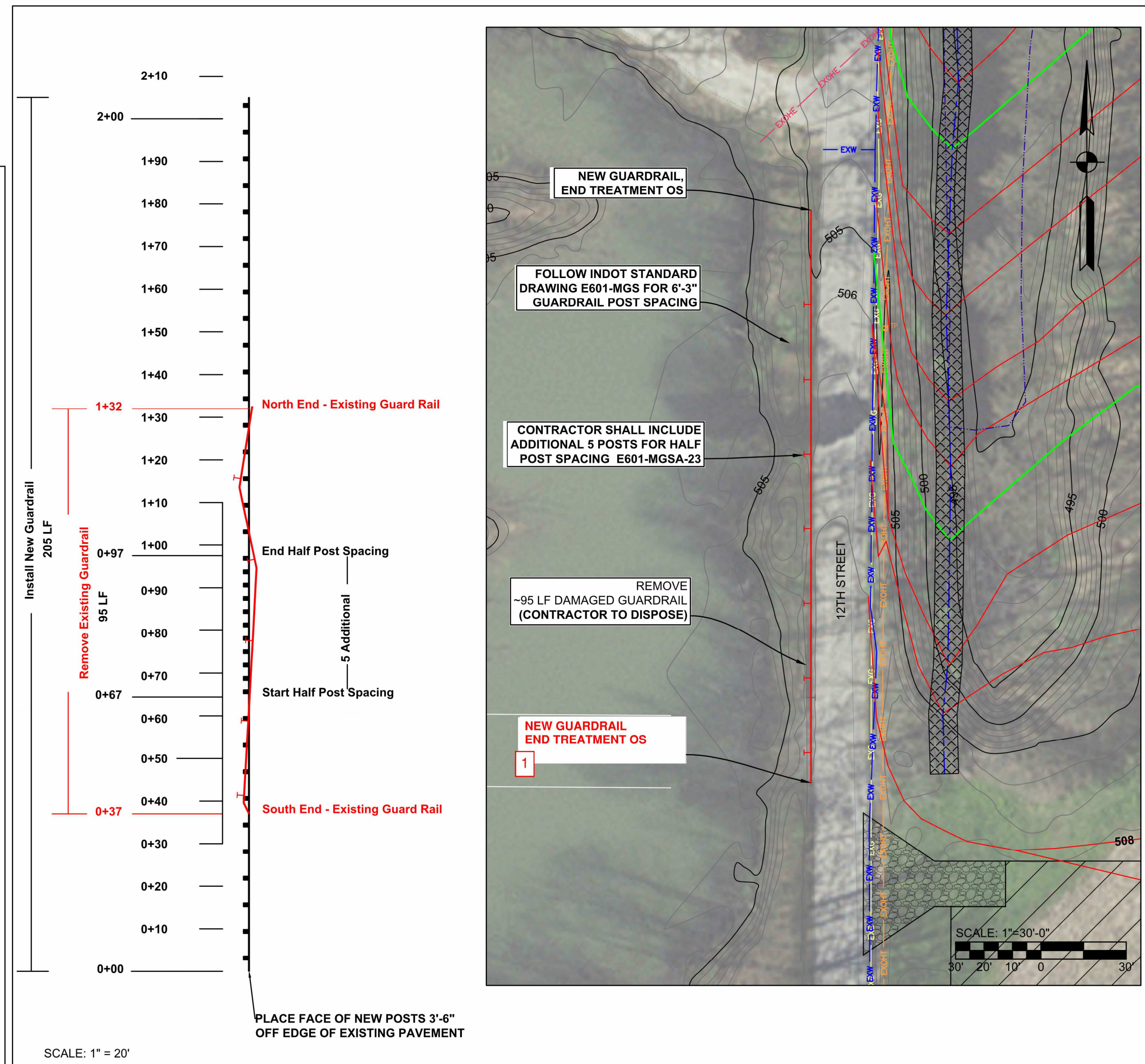
ELEVATION (FEET)	DEPTH (FEET)	SYMBOLIC PROFILE	PROFILE DESCRIPTION	SAMPLE TYPE/NO.	RECOVERY (INCHES)	SPT BLOWS/FEET	HAMMER EFFICIENCY: 60% DATE	MOISTURE & ATTERBERG LIMITS (%)	DRY DENSITY (pcf)	TORVANE SHEAR	UNC. COMP.	WAVE SHEAR (PSI)	TRAXIAL (kSF)	REMARKS
505.3	0.3		3 inches of TOPSOIL	SB1	24									
503.8	2.0		FILL- LEAN CLAY- Few Shale Fragments- Brown and Gray Mottled- Stiff to Hard (CL)	SB2	20									
499.6	5.0		FILL- LEAN CLAY- Some Shale Fragments- Brown and Gray- Stiff to Very Stiff (CL)	SB3	20									
497.6	7.0		Possible FILL- LEAN CLAY- Few Shale Fragments- Brown- Soft to Medium (CL)	SB4	18									
495.6	10.0		LEAN CLAY- Few Shale Fragments- Sand- Brown and Gray Mottled- Soft to Medium (CL)	SB5	24									
493.6	12.0		LEAN CLAY- Few Shale Fragments- Gray- Soft (CL)	SB6	24									
489.6	16.0		LEAN CLAY with Completely to Highly Weathered Shale- Brown and Gray- Medium to Stiff (CL)	SB7	24									
487.6	18.0		LEAN CLAY with Completely to Highly Weathered Shale- Brown and Gray- Medium to Stiff (CL)	SB8	24									
485.6	20.0		LEAN CLAY- Few Shale Fragments- Brown, Tan and Gray Mottled- Soft to Medium (CL)	SB9	22									
483.6	22.0		LEAN CLAY- Few Shale Fragments- Brown, Tan and Gray Mottled- Soft to Medium (CL)	SB10	22									
481.6	24.0		LEAN CLAY with Completely to Highly Weathered Shale- Brown and Gray- Soft to Medium (CL)	SB11	24									
479.6	26.0		Highly Weathered Shale- Gray- Very Soft	SB12	24									
478.6	26.0		Highly Weathered Shale- Gray- Very Soft	SB13	24									

END OF BORING AT 26.0 FEET.

GROUNDWATER & BACKFILL INFORMATION
 DURING BORING: 14.0 491.6
 AT END OF BORING: 14.2 491.4

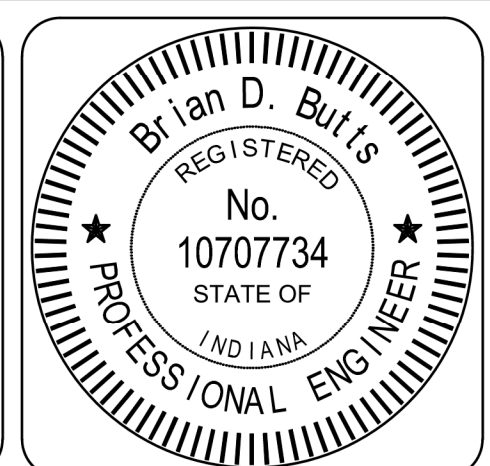
CAVE-IN OF BOREHOLE AT: 8.0 497.6
 BACKFILL METHOD: Auger Cuttings

NOTES: 1. The indicated stratification lines are approximate. The in-situ transitions between materials may be gradual.
 2. The colors depicted on the symbolic profile are solely for visualization purposes and do not necessarily represent the in-situ colors encountered.
 3. No hammer efficiency data was available, and the graphic output illustrates the field measured blow counts.



GUARDRAIL REPLACEMENT DETAIL

REV.	BY	DATE	COMMENT
1	bdb	1/23/25	GUARDRAIL CLARIFICATIONS



RECOMMENDED FOR APPROVAL: <i>Brian D. Butts</i>	03/12/2024 DATE
DESIGNED BY: BDB	DRAWN BY: SAC
DATE MADE: 03/12/2024	DATE REVISED: 03/12/2024

MISC. DETAILS	SCALE: AS NOTED	SHEET: 7 of 12
STATE OF INDIANA DEPARTMENT OF NATURAL RESOURCES DIVISION OF RECLAMATION	PROJECT: E008-338	SITE: 1836