RICHLAND TOWNSHIP TOWNSHIP ROAD 219, EBBERT SOUTH ROAD SLIP REPAIR

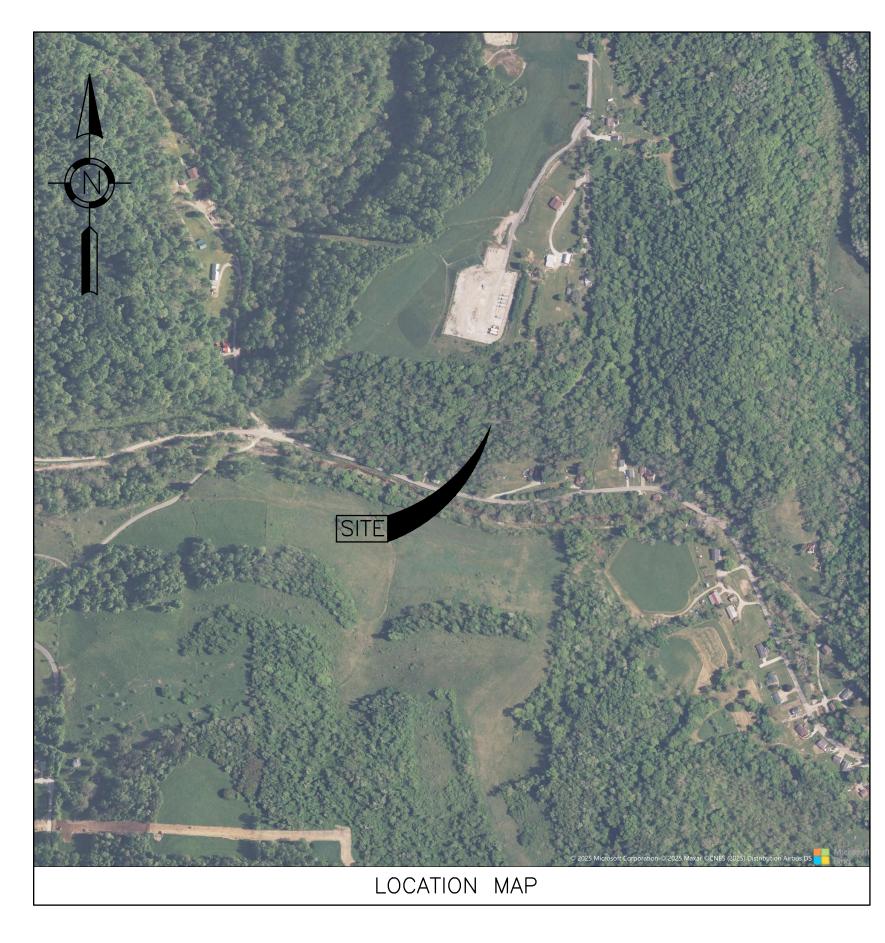
RICHLAND TOWNSHIP, BELMONT COUNTY, OHIO

PROJECT DESCRIPTION

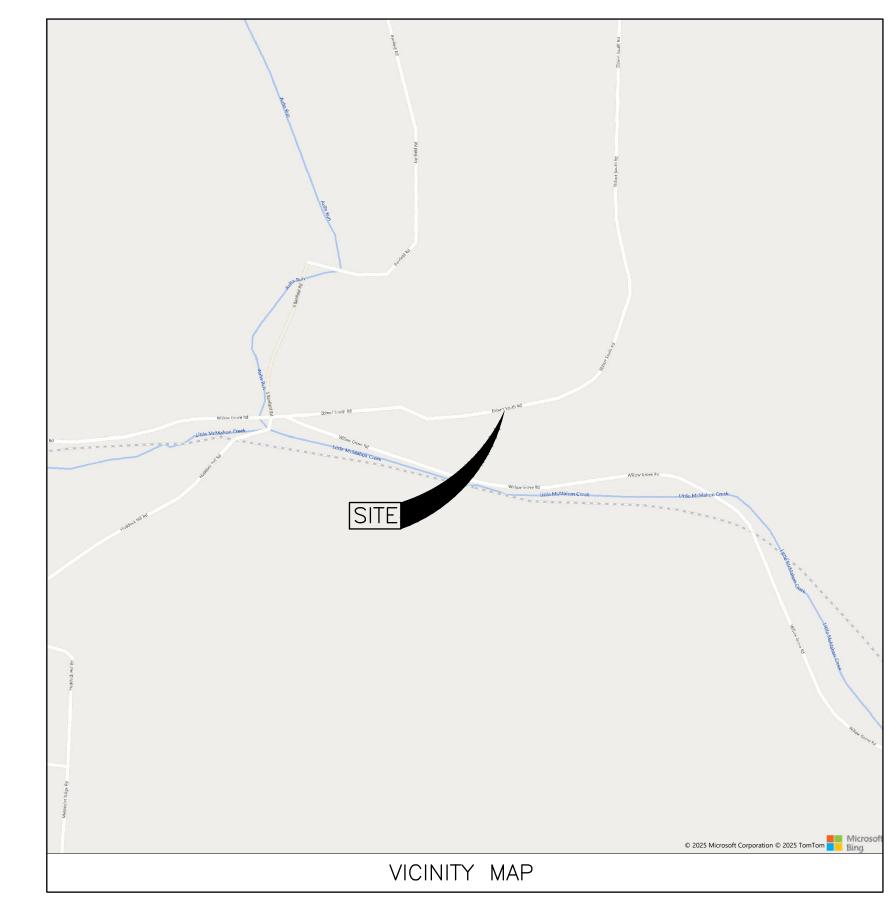
THIS PROJECT CONSISTS OF THE INSTALLATION OF A SOLDIER PILE RETAINING WALL WITH PLUG PILES ALONG A PORTION OF TOWNSHIP ROAD 219 (EBBERTS SOUTH ROAD) WHERE SLOPE FAILURE HAS OCCURRED.

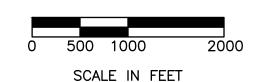
2023 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHDEPARTMENT OF TRANSPORTATION INCLUDING CHANGE AND SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.



SHEET TITLE	SHEET NO
TITLE SHEET GENERAL NOTES & SUMMARY OVERALL SITE PLAN PLAN & PROFILE RETAINING WALL DETAILS PILE TABLE	1 2 3 4 5 6





ō	250	500	1000
	SCAL	LE IN FEET	

THE STANDARD DRAWINGS LISTED ON THESE PLANS SHALL BE CONSIDERED A PART THEREOF

STANDARD CONSTR	RUCTION DRAWINGS	SUPPLEMENTAL SPECIFICATIONS
ODOT STANDARD DRAW		
MT-101.60 1/20/17		
MT-105.10 7/19/13		
MGS-2.1 1/9/18		
MGS-4.1 1/20/17		

PLANS PREPARED BY:



Verdantas, LLC. Phone: (740) 217-7685 156 Woodrow Avenue, St. 3 Fax: (614) 793-9070 St. Clairsville, OH 43950 www.verdantas.com



56 WOODROW AVENUE 51. CLAIRSVILLE, OH 43950–1187 EL. 740.217.7685

No. REVISION CHK'D BY DESIGNED BY:

CJG

CJG/LAF

CHECKED BY:

CHECKED BY:

AJS

PROJECT NO.

BELMONT COUNTY ~OHIO
IR PLANS FOR
SOUTH ROAD

AND TOWNSHIP ~ BELMO LIP REPAIR PL EBBERT SOUTH

APPLICATION NO.

DATE: 2025-06-20

cale: AS NOTED

SHEET:

GENERAL NOTES:

WORK LIMITS

THE WORK LIMITS SHOWN ON THESE PLANS ARE FOR THE PHYSICAL CONSTRUCTION ONLY. PROVIDE THE INSTALLATION AND OPERATION OF ALL WORK ZONE TRAFFIC CONTROL AND WORK ZONE TRAFFIC CONTROL DEVICES REQUIRED BY THESE PLANS WHETHER INSIDE OR OUTSIDE THESE WORK LIMITS.

CONSTRUCTION NOISE

ACTIVITIES AND LAND USE ADJACENT TO THIS PROJECT MAY BE AFFECTED BY CONSTRUCTION NOISE. IN ORDER TO MINIMIZE ANY ADVERSE CONSTRUCTION NOISE IMPACTS, DO NOT OPERATE POWER-OPERATED CONSTRUCTION-TYPE DEVICES BETWEEN THE HOURS OF 7:00PM AND 7:00AM. IN ADDITION, DO NOT OPERATE AT ANY TIME ANY DEVICE IN SUCH A MANNER THAT THE NOISE CREATED SUBSTANTIALLY EXCEEDS THE NOISE CUSTOMARILY AND NECESSARILY ATTENDANT TO THE REASONABLE AND EFFICIENT PERFORMANCE OF SUCH EQUIPMENT.

CLEARING AND GRUBBING

ALTHOUGH THERE ARE NO TREES OR STUMPS SPECIFICALLY MARKED FOR REMOVAL WITHIN THE LIMITS OF THE PROJECT, A LUMP SUM QUANTITY IS INCLUDED IN THE ESTIMATED QUANTITIES FOR ITEM 201, CLEARING AND GRUBBING. ALL PROVISIONS AS SET FORTH IN THE SPECIFICATIONS UNDER UNDER THIS ITEM ARE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 201 - CLEARING AND GRUBBING.

SURVEYS

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PERFORMING ALL DETAIL SURVEYS NEEDED FOR CONSTRUCTION.

SEQUENCE OF CONSTRUCTION

THE FOLLOWING GENERAL SEQUENCE SHALL BE USED TO CONSTRUCT THE PROPOSED RETAINING WALLS:

- 1. CLOSE A PORTION OF EBBERT SOUTH ROAD.
- 2. INSTALL SOLDIER PILES FROM 1 TO 46.
- 3. INSTALL PLUG PILES FROM A TO SS.
- 4. RECONSTRUCT ROADWAY SURFACE TO THE LIMITS SHOWN ON THE PLANS.
- 5. OPEN EBBERT SOUTH ROAD TO TRAFFIC.

DESIGN SPECIFICATIONS:

ITEM 524 - DRILLED SHAFTS, 30" DIAMETER, INTO BEDROCK, AS PER PLAN IITEM 524 - DRILLED SHAFTS, 30" DIAMETER. ABOVE BEDROCK, AS PER PLAN

THIS WORK CONSISTS OF FURNISHING AND INSTALLING DRILLED SHAFTS FOR SOLDIER PILES AND PLUG PILES. THE SOLDIER PILES ARE REINFORCED WITH STEEL H-PILES INSTEAD OF REINFORCING STEEL CAGES. FURNISH AND INSTALL DRILLED SHAFTS IN ACCORDANCE WITH ODOT CMS ITEM 524 EXCEPT AS MODIFIED AND SUPPLEMENTED BELOW.

EXCAVATE THE HOLE FOR THE DRILLED SHAFTS WITHIN 3 INCHES OF THE PLAN LOCATION. IF FIELD CONDITIONS INDICATE GREATER DEPTHS, NOTIFY THE ENGINEER FOR FURTHER EVALUATION.

PLACE THE STEEL H-PILE WITHIN THE HOLE SO IT IS VERTICAL AND NOT INCLINED MORE THAN 1" BETWEEN THE TOP AND BOTTOM. PLACE THE STEEL H-PILE SO THAT THE FLANGES ARE PARALLEL TO THE CENTERLINE OF CONSTRUCTION. DO NOT ALLOW THE ORIENTATION OF THE FLANGES TO VARY BY MORE THAN 10 DEGREES. SUPPORT THE STEEL H-PILE SO THAT IT DOES NOT MOVE DURING CONCRETE PLACEMENT.

USE CLASS S CONCRETE ACCORDING TO ODOT CMS ITEM 511. PLACE CONCRETE TO THE ELEVATION SHOWN ON THE PLANS. THE CONTRACTOR MAY PLACE CONCRETE USING THE FREE FALL METHOD PROVIDED THE DEPTH OF WATER IS LESS THAN 6 INCHES AND THE CONCRETE FALLS WITHOUT STRIKING THE SIDES OF THE HOLE. POURING CONCRETE ALONG THE WEB OF THE STEEL H-PILE IS ACCEPTABLE.

CHECK THE POSITION, VERTICAL ALIGNMENT AND ORIENTATION OF THE STEEL H-PILE IMMEDIATELY AFTER CONCRETE PLACEMENT. MAKE CORRECTIONS AS NECESSARY TO MEET THE ABOVE TOLERANCES.

PAYMENT FOR THIS ITEM INCLUDES CONSTRUCTING THE DRILLED SHAFTS, INCLUDING FURNISHING AND PLACING CONCRETE.

METHOD OF MEASUREMENT: THE ENGINEER WILL MEASURE DRILLED SHAFTS INTO BEDROCK, AS PER PLAN, AND DRILLED SHAFTS ABOVE BEDROCK, AS PER PLAN, ALONG THE AXIS OF THE DRILLED SHAFT FROM THE TOP OF THE SHAFT TO THE TOP OF BEDROCK AND FROM THE TOP OF BEDROCK TO THE BOTTOM OF THE DRILLED SHAFT, AS DETERMINED BY THE ENGINEER.

ITEM 507 - STEEL PILES, MISC.: HP14X117

THIS WORK CONSISTS OF FURNISHING AND PLACING STEEL SOLDIER PILES INTO DRILLED HOLES. FURNISH STEEL H-PILES CONSISTING OF STRUCTURAL STEEL MEMBERS THAT MEET THE PLAN REQUIREMENTS AND CONFORM TO ASTM A572, GRADE 50. DO NOT FIELD WELD OR SPLICE STEEL H-PILES.

MEASUREMENT FOR PAYMENT WILL BE LIMITED TO THE DISTANCE BETWEEN THE TOP AND BOTTOM OF STEEL MEMBER, AS DETERMINED BY THE ENGINEER. PAYMENT WILL BE MADE FOR STEEL H-PILES AT THE CONTRACT UNIT PRICE PER FT OF ITEM 507 STEEL PILES MISC.: SOLDIER PILES - HP16Y121

DRILLED SHAFT SEQUENCE OF INSTALLATION

THE INSTALLATION SEQUENCE SHALL BE SUCH THAT NO DRILLED SHAFT IS INSTALLED ADJACENT TO EITHER AN OPEN DRILLED SHAFT EXCAVATION OR A DRILLED SHAFT IN WHICH THE CONCRETE HAS LESS THAN A 48 HOUR CURE. INSTALLING THE SHAFTS IN AN ALTERNATING SEQUENCE OR ANY OTHER SEQUENCE THAT MEETS THE CRITERIA IS PERMISSIBLE.

PROTECTION OF UNATTENDED OPEN SHAFTS:

CARE SHALL BE EXERCISED AS TO COVER UNATTENDED OPEN SHAFTS. TEMPORARY COVERS SHALL BE OF ADEQUATE STRENGTH TO PREVENT A PERSON OR ANIMAL FROM FALLING IN. NO DRILLED SHAFT EXCAVATION SHALL BE LEFT UN-POURED OVERNIGHT.

ACCES

ANY TEMPORARY GRADING, AGGREGATE, DRAINAGE, ETC. NEEDED FOR ACCESS TO THE WORK AREA SHALL BE INCLUDED IN THE BID PRICE FOR THE DRILLED SHAFTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MEANS AND METHODS USED TO CONSTRUCT THE DRILLED SHAFTS. THE COST OF ANY EXCAVATION AND ANY SUBSEQUENT REPLACEMENT OF EMBANKMENT (PER ITEM 203 EMBANKMENT) SHALL BE INCLUDED IN THE VARIOUS BID ITEMS FOR THE DRILLED SHAFTS. NO SEPARATE PAYMENT WILL BE MADE.

UTILITY NOTES

THE CONTRACTOR SHALL EXPOSE ALL UTILITIES OR STRUCTURES PRIOR TO CONSTRUCTION TO VERIFY THE VERTICAL AND HORIZONTAL EFFECT ON THE PROPOSED CONSTRUCTION.

THE CONTRACTOR SHALL GIVE NOTICE OF INTENT TO CONSTRUCT TO OHIO 811 (TELEPHONE NUMBER 800-362-2764), AND TO THE OWNER OF THE UNDERGROUND UTILITIES THAT ARE NOT MEMBERS OF A REGISTERED UNDERGROUND PROTECTION SERVICE. NOTICE SHALL BE GIVEN AT LEAST 2 WORKING DAYS BEFORE START OF CONSTRUCTION.

THE LOCATION OF UTILITIES AND STRUCTURES ARE SHOWN FROM DATA PROVIDED BY THE SURVEYOR (BASED ON DATA AVAILABLE AT THE TIME OF SURVEY) AND ARE NOT NECESSARILY COMPLETE OR CORRECT. THE NOTIFICATION OF AFFECTED UTILITY OWNERS IN ADVANCE OF CONSTRUCTION AND THE EXACT LOCATION AND PROTECTION OF UTILITIES ARE THE RESPONSIBILITY OF THE CONTRACTOR. IF DAMAGE IS CAUSED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OF SAME AND FOR ANY RESULTING CONTINGENT DAMAGE OR COSTS. THE COUNTY, OWNER, AND/OR ENGINEER ASSUME NO RESPONSIBILITY AS TO THE ACCURACY OR DEPTHS OF THE UNDERGROUND FACILITIES SHOWN ON THE PLANS.

ITEM 614, MAINTAINING TRAFFIC

NOTICE OF CLOSURE SIGNS, SHALL BE ERECTED BY THE CONTRACTOR AT LEAST ONE WEEK IN ADVANCE OF THE SCHEDULED ROAD CLOSURE. THE SIGNS SHALL BE ERECTED ON THE RIGHT-HAND SIDE OF THE ROAD FACING TRAFFIC. THEY SHALL BE PLACED SO AS NOT TO INTERFERE WITH THE VISIBILITY OF ANY OTHER TRAFFIC CONTROL SIGNS. ON ROADWAYS, THEY SHOULD BE ERECTED AT THE POINT OF CLOSURE.

THE CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN SIGN AND SIGN SUPPORTS, AS DETAILED IN THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND PER STD DWG MT-101.60 AT THE POINT OF CLOSURE.

A MINIMUM OF ONE LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES, EXCEPT FOR A PERIOD NOT TO EXCEED 30 CONSECUTIVE CALENDAR DAYS, WHEN THROUGH TRAFFIC MAY BE DETOURED. A DISINCENTIVE SHALL BE ASSESSED IN THE AMOUNT OF \$600 FOR EACH CALENDAR DAY THE ROADWAY REMAINS CLOSED TO TRAFFIC BEYOND THE SPECIFIED LIMIT.

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH CMS 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC, UNLESS SEPARATELY ITEMIZED IN THE PLAN.

LOCAL ACCESS SHALL BE MAINTAINED FROM ONE DIRECTION AT ALL TIMES, INCLUDING THE PROPERTIES BEYOND THE PROJECT.

	D QUANTITIES		1
ITEM NO.	UNIT	ITEM DESCRIPTION	QUANTITY
ROADWAY			
204	SY	SUBGRADE COMPACTION AND PROOF ROLL	153
712	SY	GEOTEXTILE FABRIC, 712.09, TYPE D	153
304	СҮ	AGGREGATE BASE	26
301	СҮ	ASPHALT CONCRETE BASE	13
441	СҮ	ASPHALT CONCRETE SURFACE COURSE	9
202	SY	PAVEMENT REMOVED	153
202	LF	GUARDRAIL TYPE MGS, AS PER PLAN	212
202	LF	GUARDRAIL END ANCHOR TYPE A	2
209	LF	DITCH CLEANOUT	200
670	SY	DITCH EROSION PROTECTION	100
DRILLED SHAF	TS		
507	FT	STEEL PILES, MISC.: HP14X117	1563.5
524	FT	DRILLED SHAFT, 30" DIAMETER, ABOVE BEDROCK, AS PER PLAN	1694
524	FT	DRILLED SHAFT, 30" DIAMETER, INTO BEDROCK, AS PER PLAN	552
FROSION CON	TD 01		
EROSION CON		Lassania and annua areas	1
659	SY	SEEDING AND MULCHING, CLASS 2	55
832	LUMP	EROSION CONTROL	LUMP
MAINTENANC	 E OF TRAFFIC		
614	LUMP	DETOUR SIGNING/MAINTAINING TRAFFIC	LUMP
			·
INCIDENTALS			
201	01 LUMP CLEARING AND GRUBBING		LUMP
103	LUMP	PREMIUM FOR CONTRACT PERFORMANCE BOND AND PAYMENT	LUMP
623	LUMP	CONSTRUCTION LAYOUT STAKES AND SURVEYING	LUMP
624	LUMP	LUMP	

Je woodrow avenue ST. CLAIRSVILLE, OH 43950–1187 TEL. 740.217.7685

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CHECKED BY:

AJS

30038

AEPAIR PLANS FOR

APPLICATION NO.

scale: AS NOTED

2025-06-20

SHEET:

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SURVEYOR NOTES:

THE LOCATIONS OF UNDERGROUND UTILITIES SHOWN HEREON ARE BASED ON ABOVE GROUND STRUCTURES AND RECORD DRAWINGS PROVIDED TO THE SURVEYOR. LOCATIONS OF UNDERGROUND UTILITIES/STRUCTURES MAY VARY FROM LOCATIONS SHOWN HEREON. ADDITIONAL BURIED UTILITIES/STRUCTURES MAY BE ENCOUNTERED. NO EXCAVATIONS WERE MADE DURING THE PROGRESS OF THIS SURVEY TO LOCATE BURIED UTILITIES/STRUCTURES.

DATES OF FIELD WORK: 2/27/2025

EVERY DOCUMENT OF RECORD REVIEWED AND CONSIDERED AS A PART OF THIS SURVEY IS NOTED HEREON.

SUBSURFACE AND ENVIRONMENTAL CONDITIONS WERE NOT EXAMINED OR CONSIDERED AS A PART OF THIS SURVEY. NO STATEMENT IS MADE CONCERNING THE EXISTENCE OF UNDERGROUND OR OVERHEAD CONTAINERS OR FACILITIES THAT MAY AFFECT THE USE OR DEVELOPMENT OF THIS TRACT.

BASIS OF BEARINGS:

THE BEARINGS SHOWN HEREIN ARE BASED ON OHIO STATE PLANE COORDINATE SYSTEM. SOUTH SYSTEM, NAD83, GEOID12A.

BENCHMARKS:

AS PER THE TOPOGRAPHIC SURVEY PREPARED BY VERDANTAS THE CONTRACTOR AND/OR HIS SURVEYOR SHALL BE RESPONSIBLE TO CROSS CHECK ALL CONTROL FOR DISTURBANCE PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.

BENCHMARK #1 - VDT CONTROL POINT PINS #2 ELEVATION = 902.69 BENCHMARK #2 - VDT CONTROL POINT PINS #3 ELEVATION =947.02

CONTROL POINTS

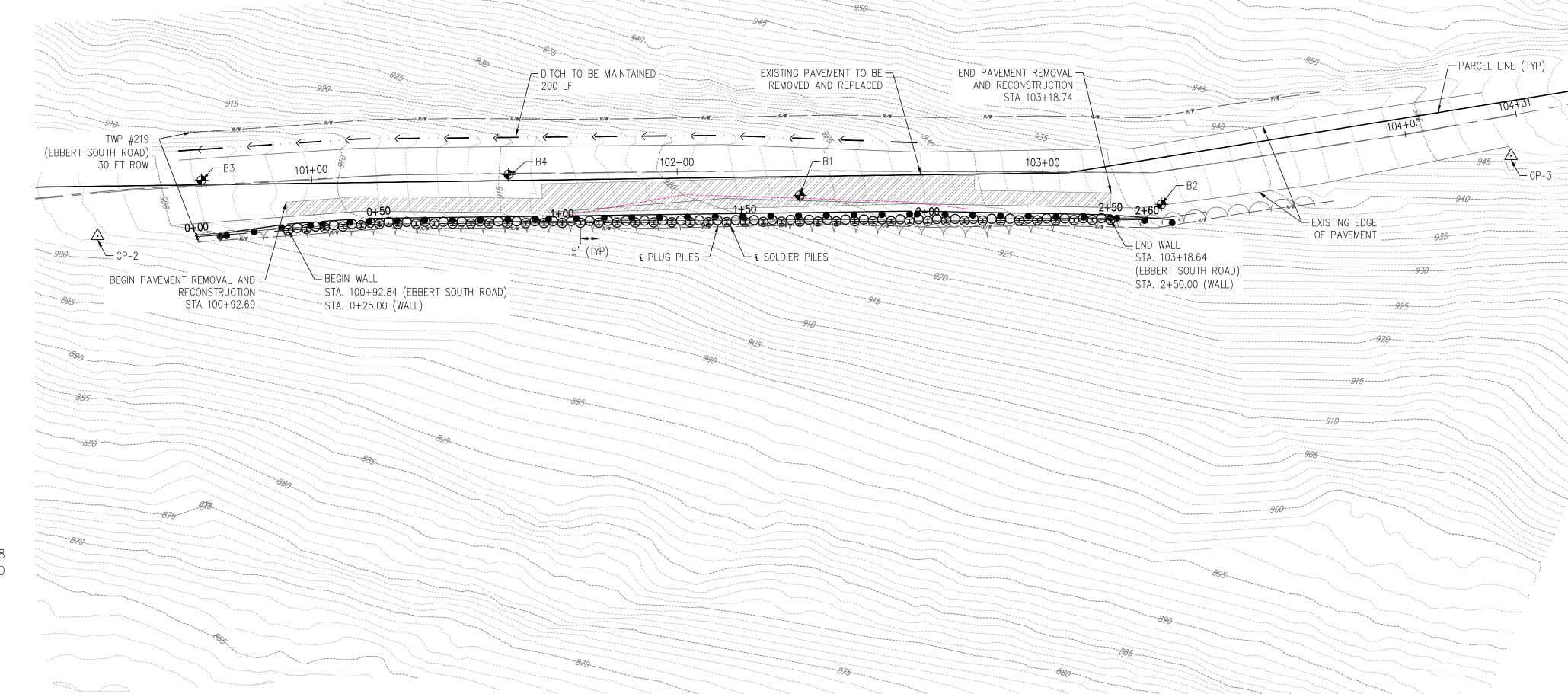
BASIS OF BEARING: TRUE NORTH, BASED ON OBSERVATIONS, GPS DATA COLLECTED WITH TRIMBLE 8 UNIT VRS CORRECTION ON OHIO STATE PLANE SOUTH ZONE COORDINATE SYSTEM, NAD 1983, NAVD 1988, GEOID 12A.

POINT #	NORTHING	EASTING	STATION AND OFFSET	DESCRIPTION
CP-2	749789.5424	2428942.7471	STA. 100+40.15, 11.94' RT.	CONTROL POINT PIN
CP-3	749811.4754	2429329.4183	STA. 104+27.38, 11.02' RT.	CONTROL POINT PIN

ALIGNMENT DETAILS

BASIS OF BEARING: TRUE NORTH, BASED ON OBSERVATIONS, GPS DATA COLLECTED WITH TRIMBLE 8 UNIT VRS CORRECTION ON OHIO STATE PLANE SOUTH ZONE COORDINATE SYSTEM, NAD 1983, NAVD 1988, GEOID 12A.

	STATION	NORTHING	EASTING	ALIGNMENT
	100+92.69	749804.6929	2428993.9078	TWP 219 (EBBERT SOUTH ROAD)
-	103+18.74	749806.9762	2429220.1078	TWP 219 (EBBERT SOUTH ROAD)
-	100+92.84	749791.1141	2428994.9215	© DRILLED SHAFTS
-	103+18.64	749793.9302	2429219.8588	© DRILLED SHAFTS



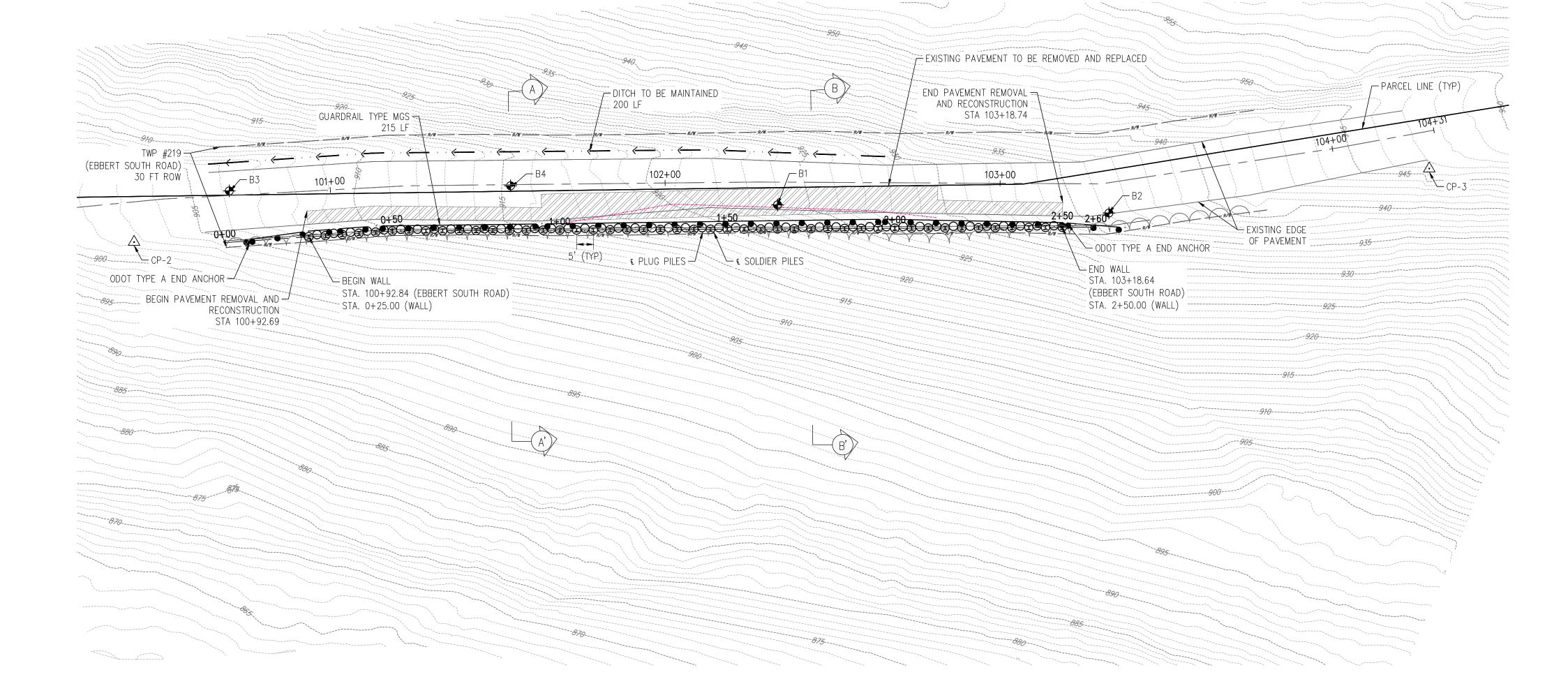


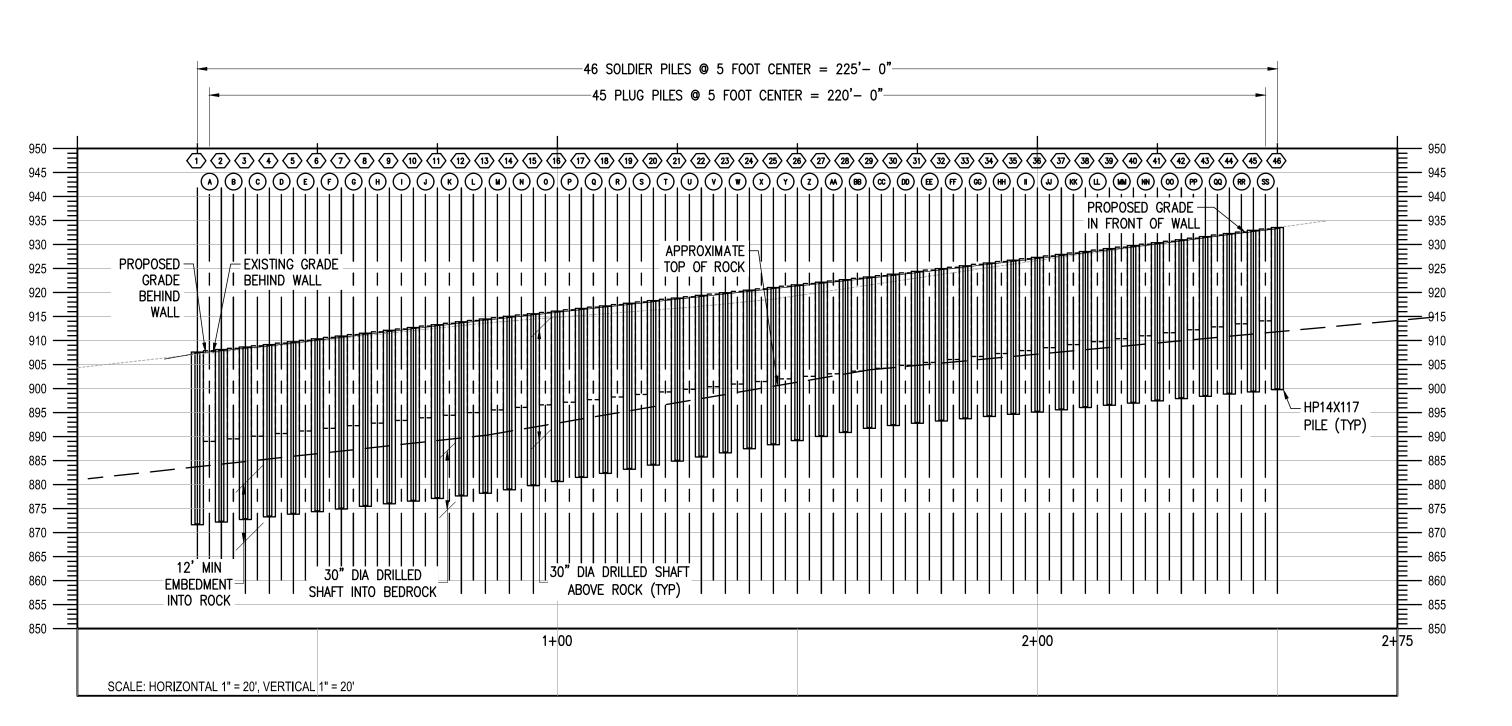
APPLICATION NO. DATE: 2025-06-20

AS NOTED



DRAWING SCALE







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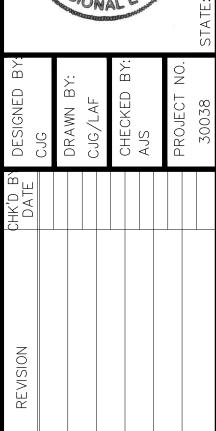
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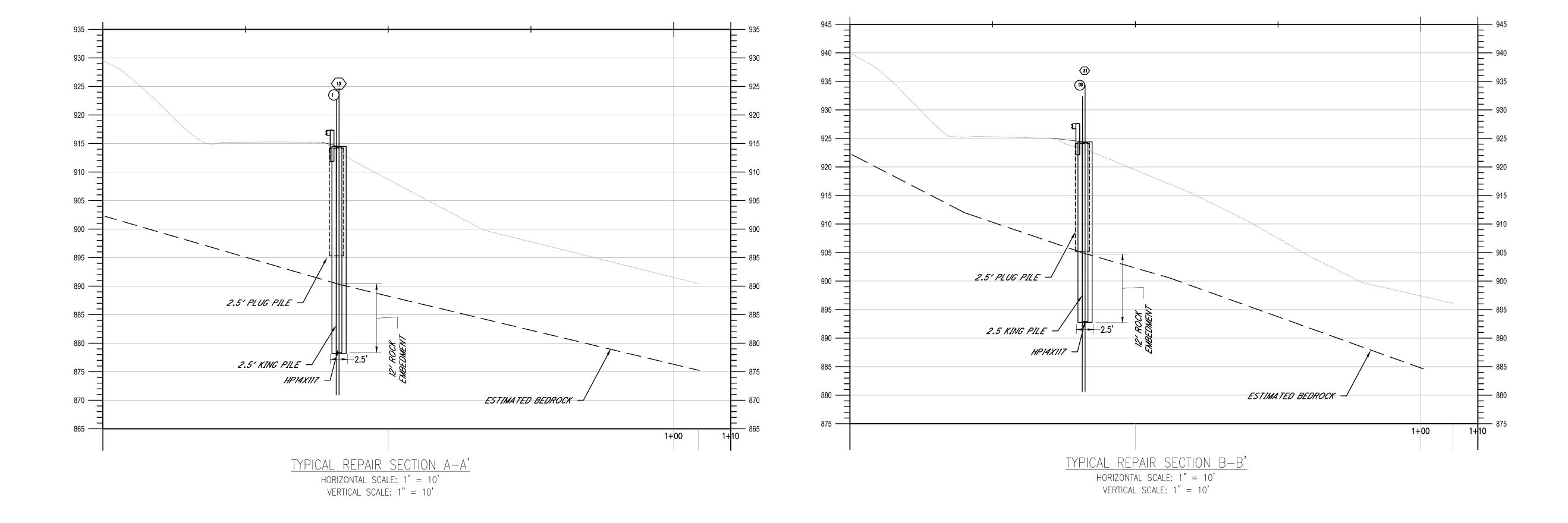


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ASPHALT CONCRETE PAVEMENT SECTION

Not to Scale

1 ITEM 441 - 2" ASPHALT SURFACE COURSE, TYPE 1 PG64-22

2 ITEM 301 - 3 " BITUMINOUS AGGREGATE BASE COURSE

3 ITEM 304 - 6" AGGREGATE BASE

5 ITEM 407 - TACK COAT

4 ODOT TYPE D WOVEN GEOTEXTILE

6 ITEM 204 - SUBGRADE COMPACTION

NOTES:

- 1. ALL PAVEMENT MATERIALS SHALL CONFORM TO THE CURRENT ODOT CONSTRUCTION AND MATERIALS SPECIFICATIONS.
- 2. THE CONTRACTOR SHALL SAW THE PROPOSED REPAIR JOINTS PER ITEM 203.04E WITH ALL JOINTS TO BE SEALED PER ITEM 423

TOP

EXISTING

GROUND AT

PILE

SHAFT

NO.

STATION

| ELEVATION OF | ELEVATION OF

TOP

PROPOSED

GROUND AT

PILE

TOP

SHAFT

BOTTOM

SHAFT

ELEVATION OF ELEVATION OF

ESTIMATED

TOP OF ROCK

ELEVATION

507

STEEL PILES,

MISC.:

HP14X117

524

ABOVE

524

INTO BEDROCK,

30" DIAMETER | 30" DIAMETER

DRILLED SHAFT DRILLED SHAFT

			ТОР	ТОР				524
HAFT NO.	STATION	OFFSET	ELEVATION OF EXISTING GROUND AT PILE	ELEVATION OF PROPOSED GROUND AT PILE	TOP ELEVATION OF SHAFT	BOTTOM ELEVATION OF SHAFT	ESTIMATED TOP OF ROCK ELEVATION	30" DIAMETER DRILLED SHAFT ABOVE BEDROCK, AS PER PLAN
Α	0+27.50	0.5 LT	907.40	908.17	907.87	888.98	888.98	18.89
В	0+32.50	0.5 LT	907.94	908.68	908.38	889.53	889.53	18.85
С	0+37.50	0.5 LT	908.49	909.20	908.90	890.07	890.07	18.83
D	0+42.50	0.5 LT	909.04	909.73	909.45	890.62	890.62	18.83
E	0+47.50	0.5 LT	909.63	910.36	910.05	891.16	891.16	18.89
F	0+52.50	0.5 LT	910.22	910.97	910.64	891.71	891.71	18.93
G	0+57.50	0.5 LT	910.74	911.57	911.23	892.26	892.26	18.97
Н	0+62.50	0.5 LT	911.27	912.16	911.82	892.80	892.80	19.02
1	0+67.50	0.5 LT	911.80	912.76	912.41	893.35	893.35	19.06
J	0+72.50	0.5 LT	912.32	913.35	913.01	893.90	893.90	19.11
K	0+77.50	0.5 LT	912.85	913.95	913.60	894.44	894.44	19.16
L	0+82.50	0.5 LT	913.38	914.54	914.19	894.99	894.99	19.20
М	0+87.50	0.5 LT	913.85	915.14	914.76	895.53	895.53	19.23
N	0+92.50	0.5 LT	914.26	915.74	915.31	896.07	896.07	19.24
0	0+97.50	0.5 LT	914.65	916.28	915.85	896.61	896.61	19.24
Р	1+02.50	0.5 LT	915.03	916.81	916.40	897.15	897.15	19.25
Q	1+07.50	0.5 LT	915.41	917.35	916.95	897.69	897.69	19.26
R	1+12.50	0.5 LT	915.78	917.94	917.49	898.23	898.23	19.26
S	1+17.50	0.5 LT	916.16	918.35	918.04	898.77	898.77	19.27
Т	1+22.50	0.5 LT	916.54	918.85	918.58	899.31	899.31	19.27
U	1+27.50	0.5 LT	916.92	919.35	919.13	899.85	899.85	19.28
V	1+32.50	0.5 LT	917.39	919.85	919.68	900.38	900.38	19.30
w	1+37.50	0.5 LT	917.89	920.35	920.22	900.92	900.92	19.30
Х	1+42.50	0.5 LT	918.38	920.85	920.77	901.46	901.46	19.31
Υ	1+47.50	0.5 LT	918.99	921.37	921.32	902.00	902.00	19.32
Z	1+52.50	0.5 LT	919.72	921.86	922.41	902.54	902.54	19.87
AA	1+57.50	0.5 LT	920.46	922.41	922.96	903.08	903.08	19.88
BB	1+62.50	0.5 LT	921.19	922.96	923.52	903.62	903.62	19.90
СС	1+67.50	0.5 LT	921.93	923.49	923.52	904.20	904.20	19.32
DD	1+72.50	0.5 LT	922.66	924.09	924.09	904.82	904.82	19.27
EE	1+77.50	0.5 LT	923.39	924.68	924.68	905.44	905.44	19.24
FF	1+82.50	0.5 LT	924.13	925.27	925.27	906.05	906.05	19.22
GG	1+87.50	0.5 LT	924.86	925.87	925.86	906.67	906.67	19.19
НН	1+92.50	0.5 LT	925.58	926.46	926.45	907.29	907.29	19.16
	1+97.50	0.5 LT	926.30	927.06	927.03	907.91	907.91	19.12
JJ	2+02.50	0.5 LT	927.02	927.70	927.63	908.53	908.53	19.10
KK	2+07.50	0.5 LT	927.75	928.35	928.24	909.14	909.14	19.10
LL	2+12.50	0.5 LT	928.35	929.01	928.85	909.76	909.76	19.09
ММ	2+17.50	0.5 LT	929.04	929.66	929.46	910.38	910.38	19.08
NN	2+22.50	0.5 LT	929.73	930.31	930.07	911.00	911.00	19.07
00	2+27.50	0.5 LT	930.42	930.96	930.68	911.62	911.62	19.06
PP	2+32.50	0.5 LT	931.11	931.61	931.31	912.23	912.23	19.08
QQ	2+37.50	0.5 LT	931.80	932.27	931.97	912.85	912.85	19.12
RR	2+42.50	0.5 LT	932.49	932.93	932.61	913.47	913.47	19.14
SS	2+47.50	0.5 LT	933.18	933.58	933.22	914.09	914.09	19.13

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BELMONT

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