

COMPONENTS OF CONTRACT PLANS SET

ROADWAY PLANS
SIGNING AND PAVEMENT MARKING PLANS

GLADES COUNTY COMMISSIONERS

TONY WHIDDEN
DISTRICT 1

DONNA STORTER-LONG
DISTRICT 2

JERRY SAPP
DISTRICT 3

HATTIE TAYLOR
DISTRICT 4

TIM STANLEY - CHAIRMAN
DISTRICT 5

PROJECT MANAGER
JUNE FISHER

PUBLIC WORKS DIRECTOR
ARCHIE BRANCH

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GOVERNING STANDARD PLANS:
Florida Department of Transportation, FY2024-25
Standard plans for Road and Bridge Construction
and applicable Interim Revisions (IRs).

Standard Plans for Road Construction and
associated IRs are available at the following
website:

<https://www.fdot.gov/design/standardplans/current/24.shtm>
APPLICABLE IRs:

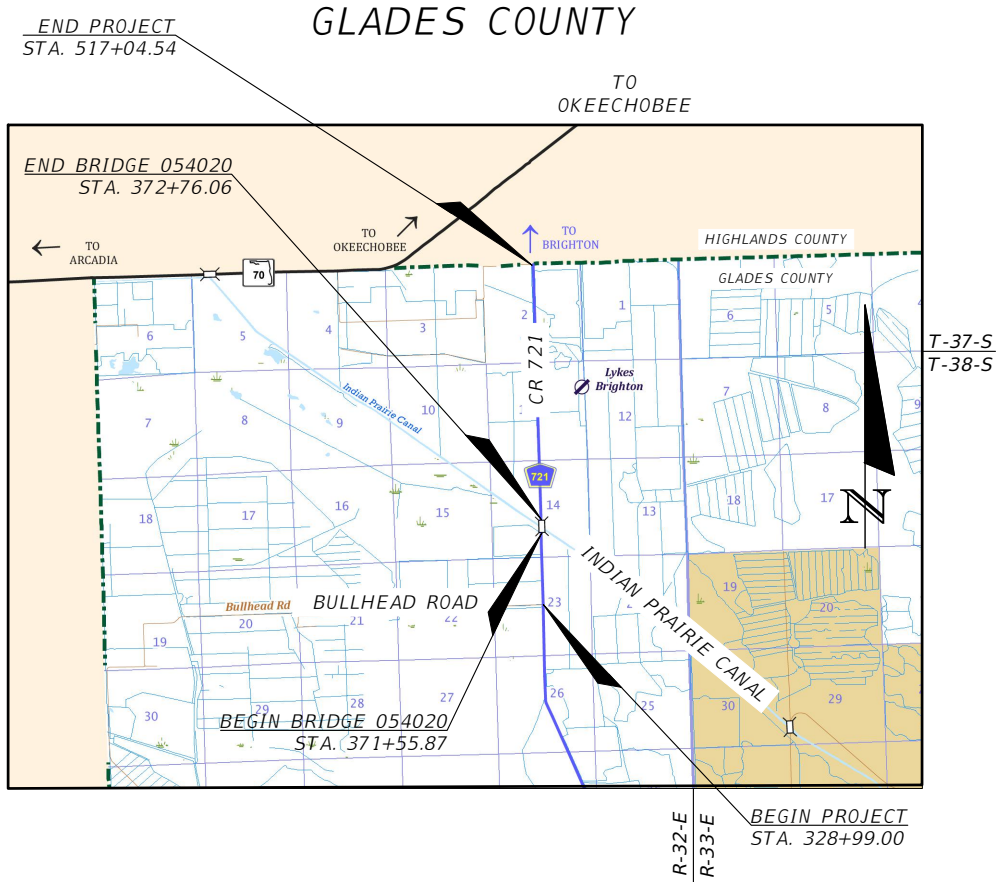
GOVERNING STANDARD SPECIFICATIONS:
Florida Department of Transportation, FY 2024-25
Standard Specifications for Road and Bridge
Construction at the following website:
<https://www.fdot.gov/programmanagement/implemented/specbooks/default.shtm>

GLADES COUNTY
BOARD OF COUNTY COMMISIONERS

CONSTRUCTION PLANS

FINANCIAL PROJECT ID 438573-1-54-01
GLADES COUNTY PROJECT No. G1G69

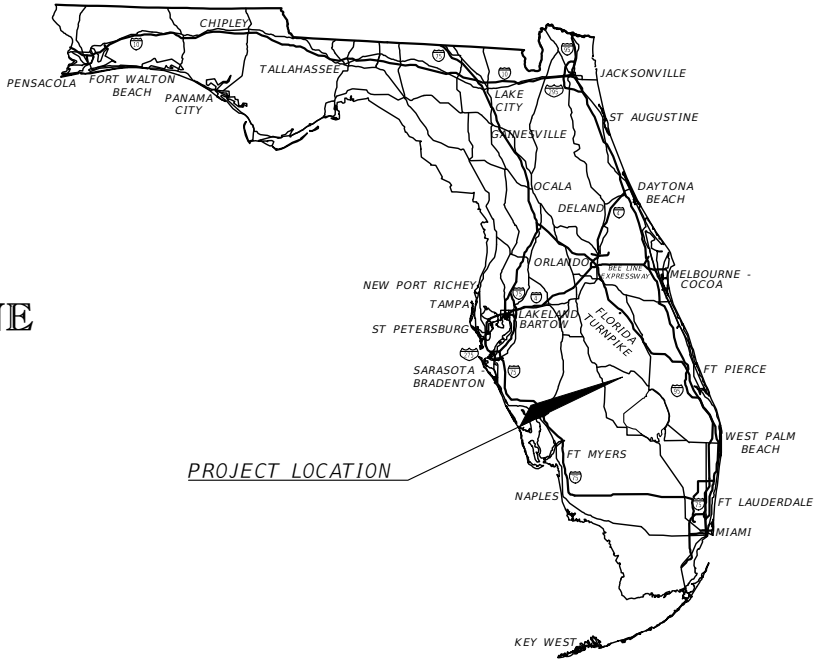
CR 721 FROM BULLHEAD GRADE TO HIGHLANDS COUNTY LINE



PROJECT LENGTH IS BASED ON CL OF CONSTRUCTION

LENGTH OF PROJECT		
	LINEAR FEET	MILES
ROADWAY	18685.35	3.539
BRIDGES	120.19	0.023
NET LENGTH OF PROJECT	18685.35	3.539
EXCEPTIONS	120.19	0.023
GROSS LENGTH OF PROJECT	18805.54	3.562

PROJECT MANAGER: JUNE FISHER

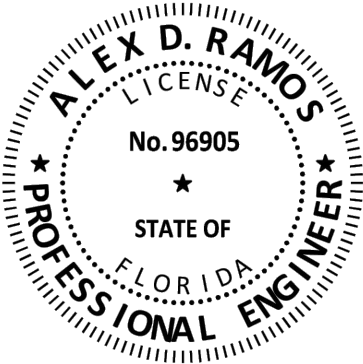


ROADWAY PLANS
ENGINEER OF RECORD:

ALEX RAMOS
P.E. NO.: 96905
AIM ENGINEERING & SURVEYING
2161 FOWLER ST
FORT MYERS, FL, 33901
CERTIFICATE OF AUTHORIZATION NO.: 3114

FINAL PLANS
MAY 2024

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
	24	1



THIS ITEM HAS BEEN DIGITALLY SIGNED
AND SEALED BY:

ON THE DATE ADJACENT TO THE SEAL.

PRINTED COPIES OF THIS DOCUMENT ARE
NOT CONSIDERED SIGNED AND SEALED AND
THE SIGNATURE MUST BE VERIFIED ON
ANY ELECTRONIC COPIES.

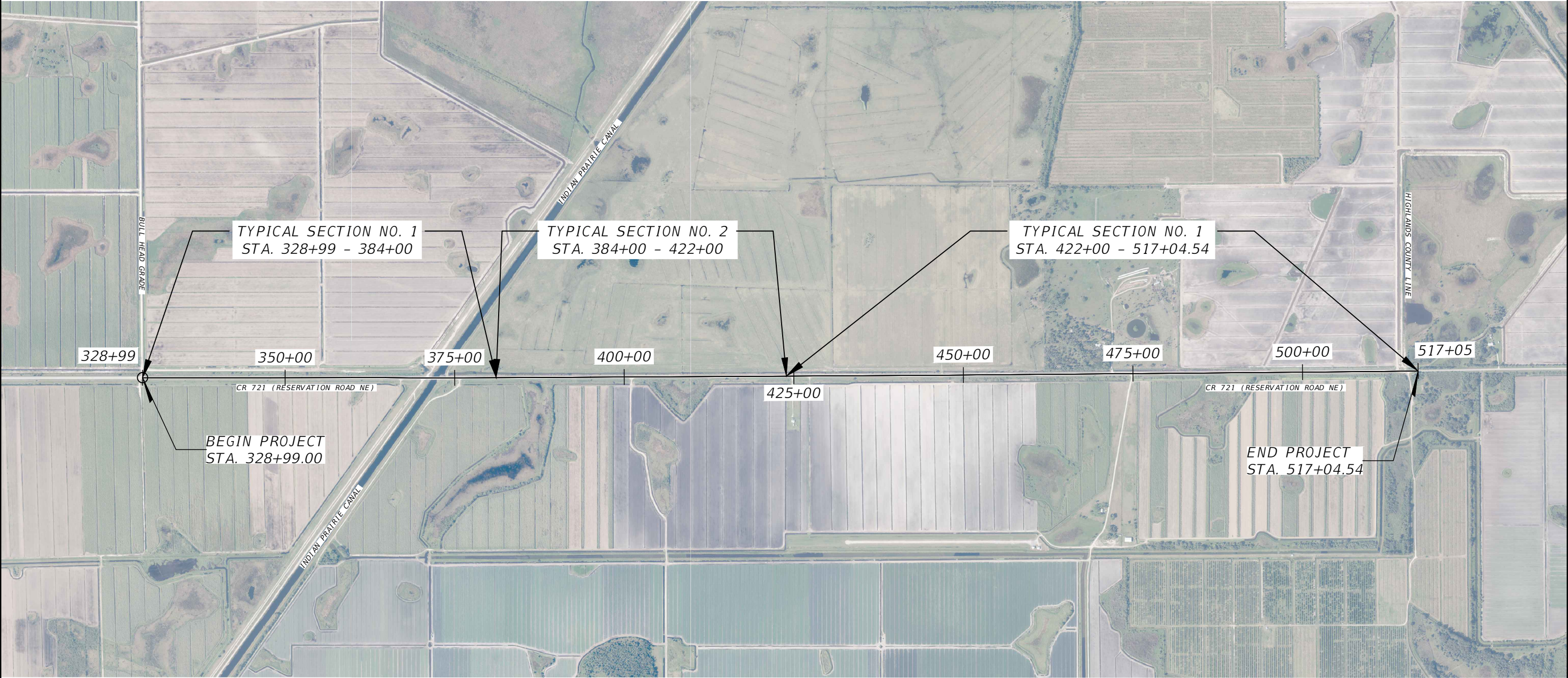
AIM ENGINEERING & SURVEYING, INC.
2161 FOWLER ST., STE. 100
FORT MYERS, FLORIDA 33901
CERTIFICATE OF AUTHORIZATION NO. 3114
ALEX D. RAMOS, P.E. NO. 96905

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN
ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

ROADWAY PLANS

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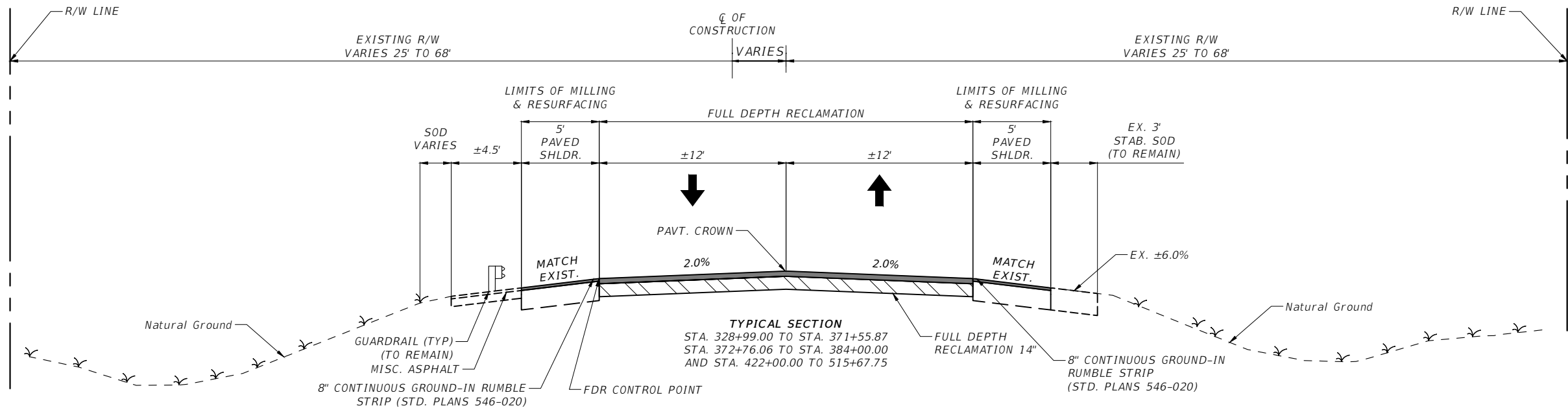
R E V I S I O N S				AIM ENGINEERING & SURVEYING, INC. ALEX RAMOS, P.E. P.E. LICENSE NUMBER 96905 2161 FOWLER ST. FORT MYERS, FL. 33901 CERTIFICATE OF AUTHORIZATION 3114	CR 721 FROM BULLHEAD GRADE TO HIGHLANDS COUNTY LINE			<i>SIGNATURE SHEET</i>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		GLADES COUNTY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		2
					G1G69	GLADES	438573-1-54-01		



REVISIONS				AIM ENGINEERING & SURVEYING, INC. ALEX RAMOS, P.E. P.E. LICENSE NUMBER 96905 2161 FOWLER ST. FORT MYERS, FL. 33901 CERTIFICATE OF AUTHORIZATION 3114	CR 721 FROM BULLHEAD GRADE TO HIGHLANDS COUNTY LINE			PROJECT LAYOUT	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		GLADES COUNTY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		3
					G1G69	GLADES	438573-1-54-01		

SUMMARY OF PAY ITEMS				
NO.	PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	0102-1	MAINTENANCE OF TRAFFIC	LS	1
3	0102-71-16	TEMPORARY BARRIER, F&I, FREE STANDING	LF	5435
4	0102-71-26	TEMPORARY BARRIER, RELOCATE FREE STANDING	LF	5435
5	0102-74-1	CHANNELIZING DEVICE - TYPES I, II, DI, DRUM, OR LCD	ED	60000
6	0102-89-1	TEMPORARY CRASH CUSHION, REDIRECTIVE OPTION	LO	10
7	0102-99	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	800
8	0104-10-3	SEDIMENT BARRIER	LF	257
9	0104-11	FLOATING TURBIDITY BARRIER	LF	552
10	0110-1-1	CLEARING & GRUBBING (ABOUT 2 AC)	LS/AC	1
11	0120-1	REGULAR EXCAVATION	CY	4089
12	0120-6	EMBANKMENT	CY	1197
13	0145-2	GEOSYNTHETIC REINFORCED FOUNDATION OVER SOFT SOIL (TENSAR GEOGRID NX850)	SY	10133
14	0145-2	GEOSYNTHETIC REINFORCED FOUNDATION OVER SOFT SOIL (TENSAR GEOGRID NX750)	SY	10133
15	0285-701	OPTIONAL BASE, BASE GROUP 01	SY	10133
16	0285-704	OPTIONAL BASE, BASE GROUP 04	SY	148
17	0285-711	OPTIONAL BASE, BASE GROUP 11	SY	10133
18	0286-1	TURNOUT CONSTRUCTION/DRIVEWAY BASE- OPTIONAL MATERIALS	SY	148
19	0327-70-06	MILLING EXISTING ASPHALT PAVEMENT, 1 1/2" AVG DEPTH	SY	21179
20	0334-1-12	SUPERPAVE ASPHALTIC CONC, TRAFFIC B	TN	6368
21	0337-7-81	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC B, FC-12.5, PG 76-22	TN	5837
22	0425-010	TYPE J MH/JUNC. BOX	EA	1
23	0430-175-130	PIPE CULVERT, OPT MATERIAL, ROUND, 30" S/CD	LF	20
24	0430-530-200	STRAIGHT CONCRETE ENDWALLS, 30", DOUBLE, 0 DEGREES, ROUND	EA	1
25	0546-72-3	GROUND-IN RUMBLE STRIPS, 8" SINUSOIDAL	GM	7.071
26	0570-1-2	PERFORMANCE TURF, SOD	SY	7457
27	0700-1-11	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, LESS THAN 12 SF	EA	19
28	0700-1-60	SINGLE POST SIGN, REMOVE	AS	19
29	0706-1-3	RAISED PAVEMENT MARKER, TYPE B	EA	470
30	0710-11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	7.123
31	0710-11-231	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SKIP 6"	GM	3.562
32	0711-16-101	THERMO, STD-CLOSE GRD, ASPH, WHITE SOLID 6"	GM	7.123
33	0711-16-231	THERMO, STD-CLOSE GRD, ASPH, YELLOW, SKIP 6" (10-30)	GM	3.562
34	0713-103-101	PERMANENT TAPE, WHITE, SOLID, 6" WIDE, FOR CONCRETE BRIDGES	GM	0.030
35	0713-103-231	PERMANENT TAPE, YELLOW, 10-30 SKIP/ 3-9 DOTTED, 6" FOR CONCRETE SURFACES	GM	0.030
36	0713-103-331	PERMANENT TAPE, BLACK, SKIP/DOTTED, 6" FOR CONCRETE SURFACES	GM	0.030
37	915-332-5	FULL DEPTH RECLAMATION (14")	SY	39551

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DATE	DESCRIPTION	DATE	DESCRIPTION		GLADES COUNTY PROJECT NO.		COUNTY		
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TRAFFIC DATA
K=9.5%, D=58.2%, T= 35.3% (24HR.)
2022 AADT = 1,400 VPD
2036 (DESIGN YR) = 1900 VPD
DESIGN SPEED = 45 MPH

FULL-DEPTH RECLAMATION (TRAVEL LANES)
FULL-DEPTH RECLAMATION (14.00")
MILL FULL-DEPTH RECLAMATION BASE (4.00" AVG. DEPTH)
REMAINING RECLAIMED PAVEMENT (10.00")

RESURFACING (TRAVEL LANES)
TYPE SP STRUCTURAL COURSE (TRAFFIC B, 2.50") AND
FRICTION COURSE FC-12.5, PG 76-22 (TRAFFIC B, 1.50")

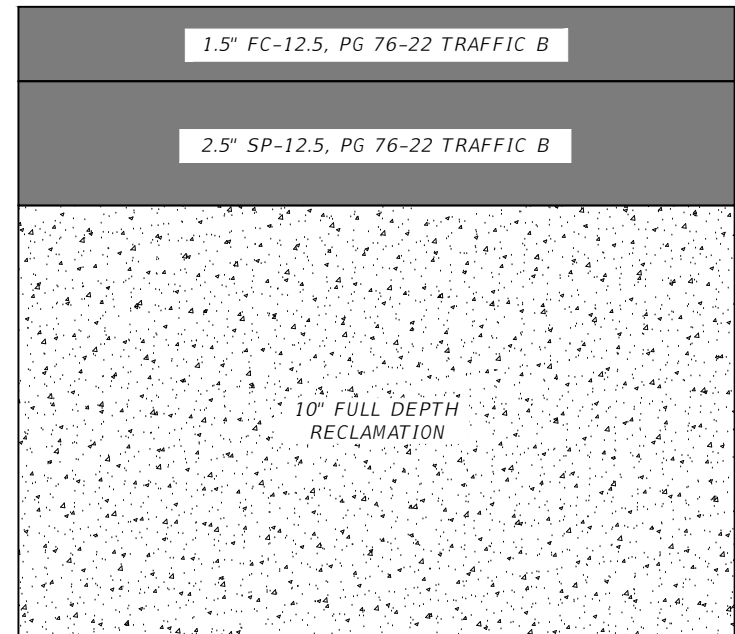
PAVED SHOULDER
MILL 1.5 INCHES (VARIES) FOR DEPTH
RESURFACE WITH FC-12.5, PG 76-22 (TRAFFIC B, 1.50")

BRIDGE APPROACH SLABS
MILL 1.5 INCHES FOR DEPTH
RESURFACE WITH FC-12.5, PG 76-22 (TRAFFIC B, 1.50")

STA. 515+67.75 TO 517+04.54
MILL 1.5 INCHES (VARIES) FOR DEPTH
RESURFACE WITH FC-12.5, PG 76-22 (TRAFFIC B, 1.50")

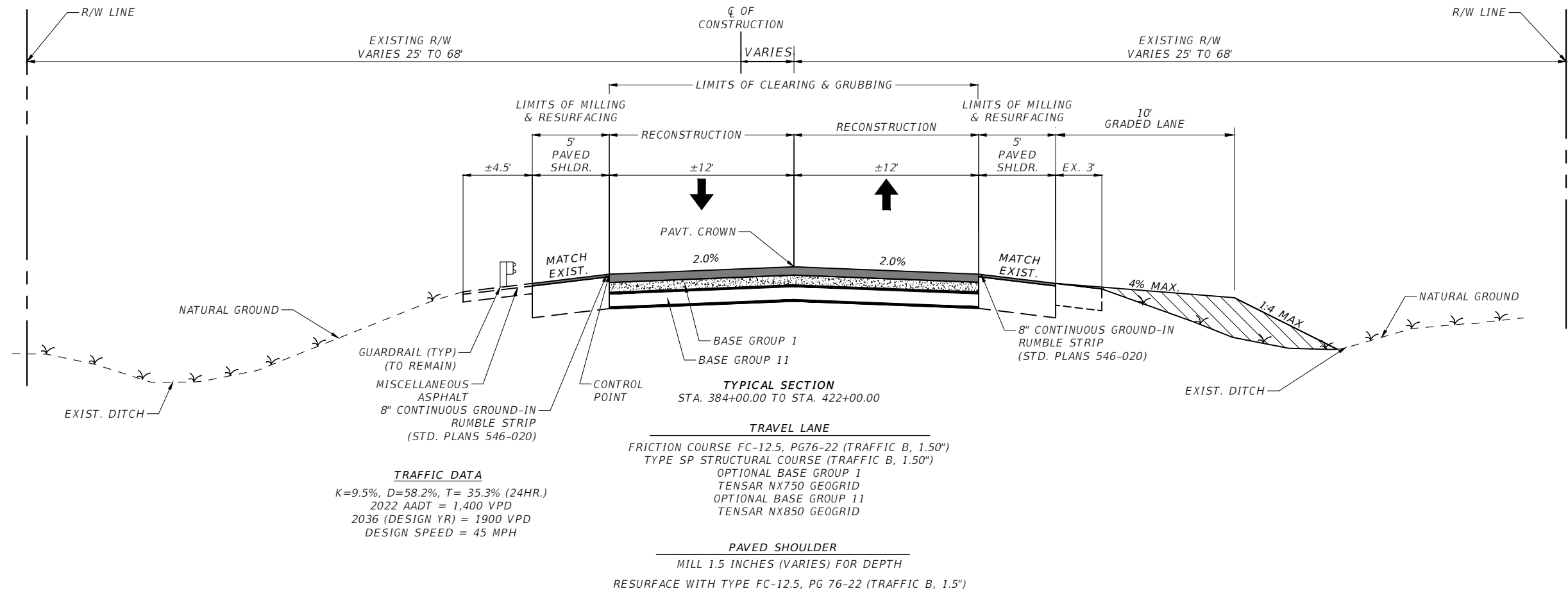
NOTES

1: EXCESS MATERIAL FROM FDR PROCESS MAY BE UTILIZED IN CONSTRUCTION OF 10-FOOT-WIDE GRADED LANE IN PHASE 2.



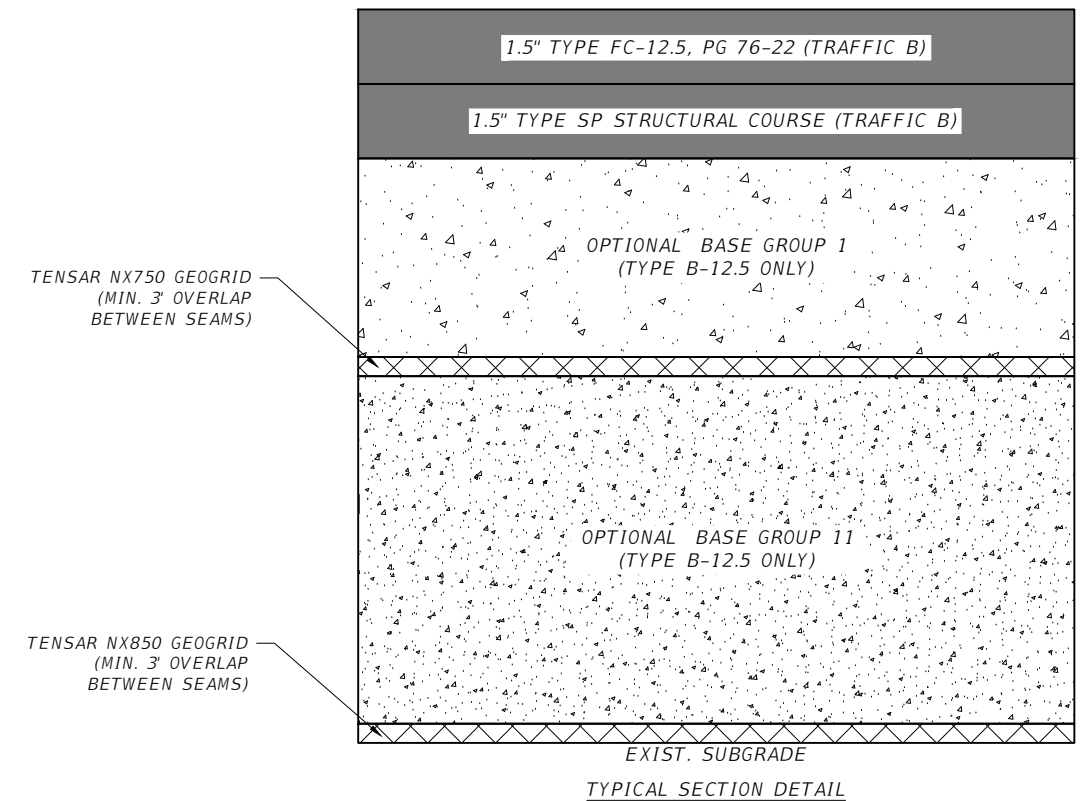
TYPICAL SECTION DETAIL

REVISIONS				AIM ENGINEERING & SURVEYING, INC. ALEX RAMOS, P.E. P.E. LICENSE NUMBER 96905 2161 FOWLER ST. FORT MYERS, FL. 33901 CERTIFICATE OF AUTHORIZATION 3114	CR 721 FROM BULLHEAD GRADE TO HIGHLANDS COUNTY LINE			TYPICAL SECTION PHASE 1	SHEET NO.	
DATE	DESCRIPTION		DATE		DESCRIPTION		GLADES COUNTY PROJECT NO.		COUNTY	FINANCIAL PROJECT ID
							G1G69		GLADES	438573-1-54-01

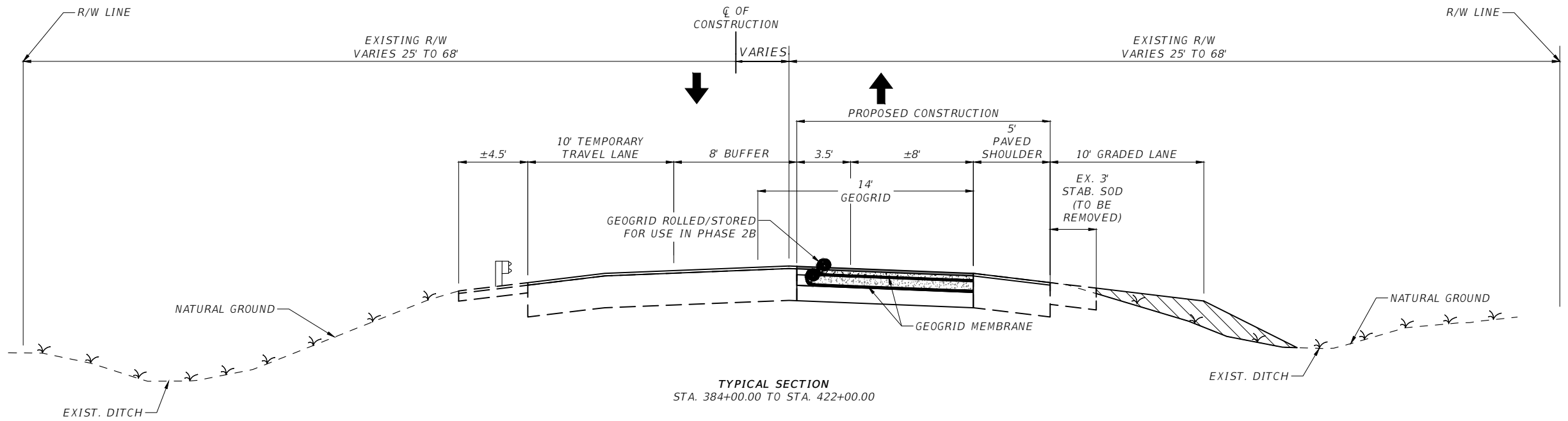


NOTES

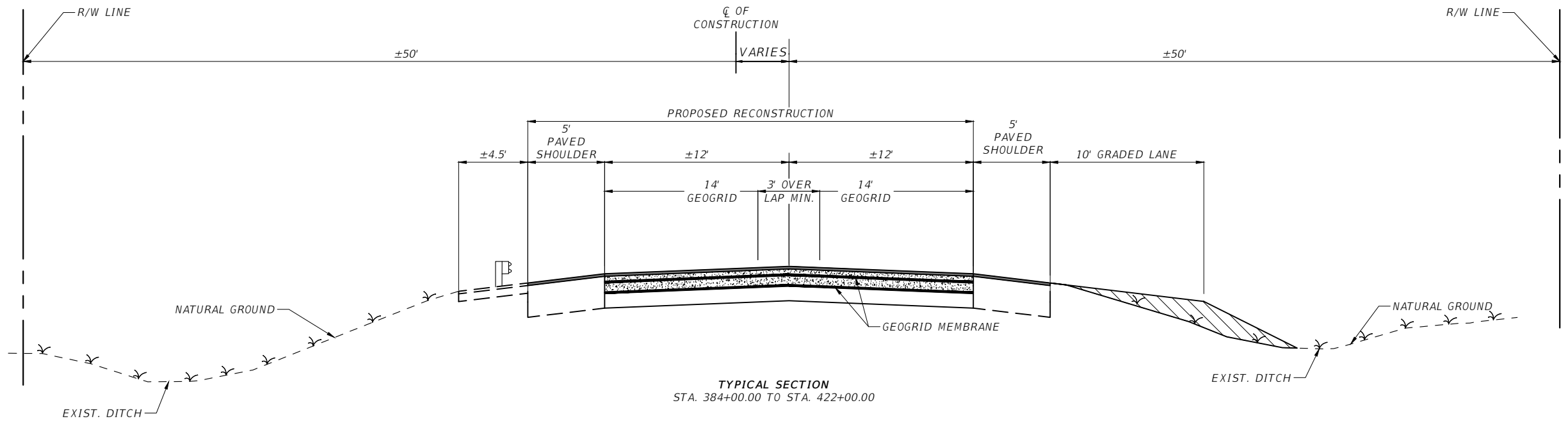
1. PREPARED STABILIZED SUB-BASE (OR REPLACEMENT). PROOF ROLLED TO 95% OF MODIFIED PROCTOR (AASHTO T-180) IN PLACE.
2. IF IN-SITU MATERIAL IS NOT CAPABLE OF ACHIEVING COMPACTION, AN OVER-EXCAVATION OF MIN. 6" SHALL BE COMPLETED AND AN OPTIONAL BASE GROUP 2 BACKFILL TO ORIGINAL SUBBASE ELEVATION.
3. EXCESS MATERIAL FROM FDR PROCESS MAY BE UTILIZED IN CONSTRUCTION OF 10-FOOT-WIDE GRADED LANE IN PHASE 2.



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DATE	DESCRIPTION		DATE		DESCRIPTION		GLADES COUNTY PROJECT NO.		COUNTY	FINANCIAL PROJECT ID
							G1G69		GLADES	438573-1-54-01
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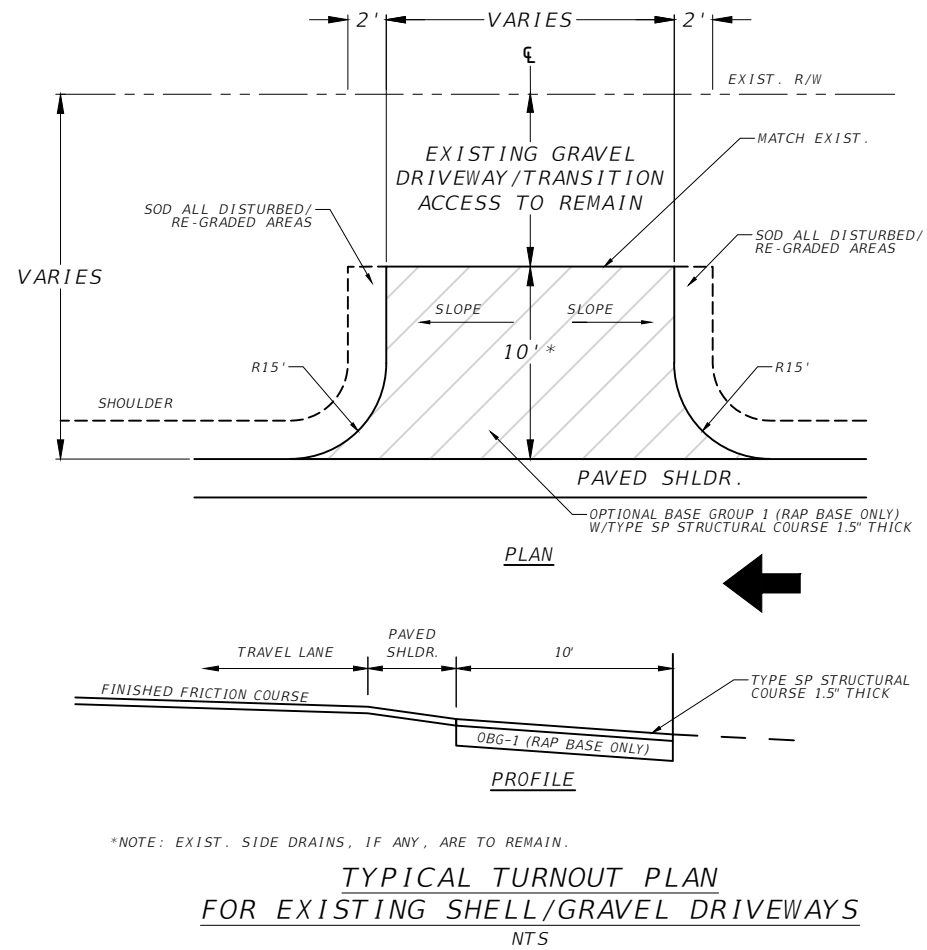
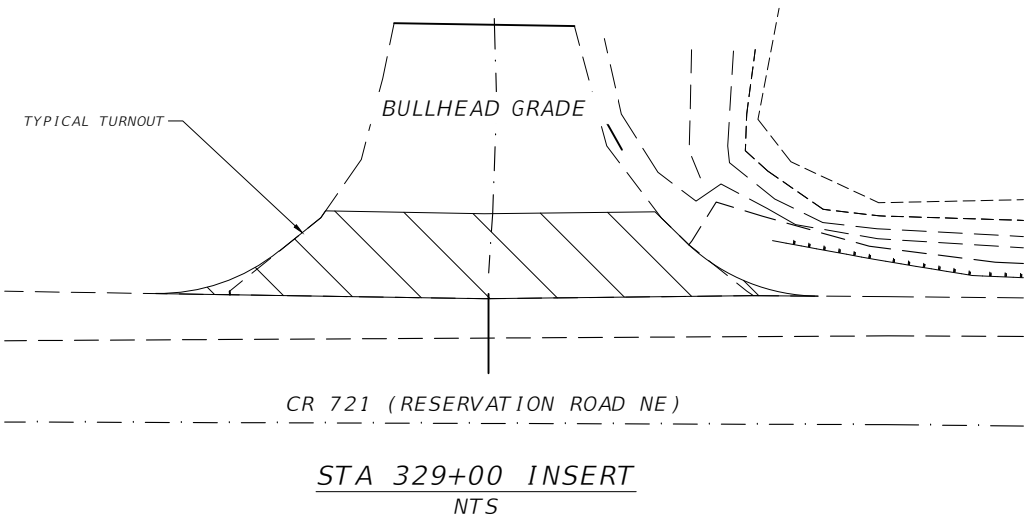
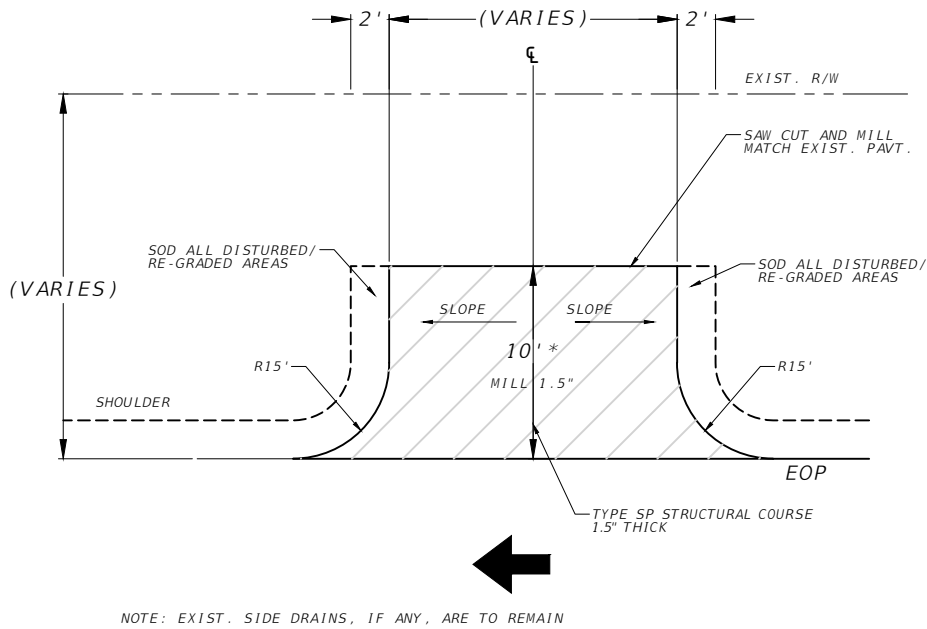


PHASE 2A



PHASE 2B

REVISIONS				AIM ENGINEERING & SURVEYING, INC. ALEX RAMOS, P.E. P.E. LICENSE NUMBER 96905 2161 FOWLER ST. FORT MYERS, FL. 33901 CERTIFICATE OF AUTHORIZATION 3114	CR 721 FROM BULLHEAD GRADE TO HIGHLANDS COUNTY LINE			TYPICAL SECTION DETAIL	SHEET NO.
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NOTE:
1. SHELL AND GRAVEL TURNOUTS WITHIN 10' OF EOP TO BE RECONSTRUCTED WITH SP STRUCTURAL COURSE ASPHALT TO MATCH PAVEMENT ELEVATION.
(MIN. DEPTH ASPHALT 1.5" WITH 5" LIME ROCK BASE OPTIONAL BASE GROUP 2).

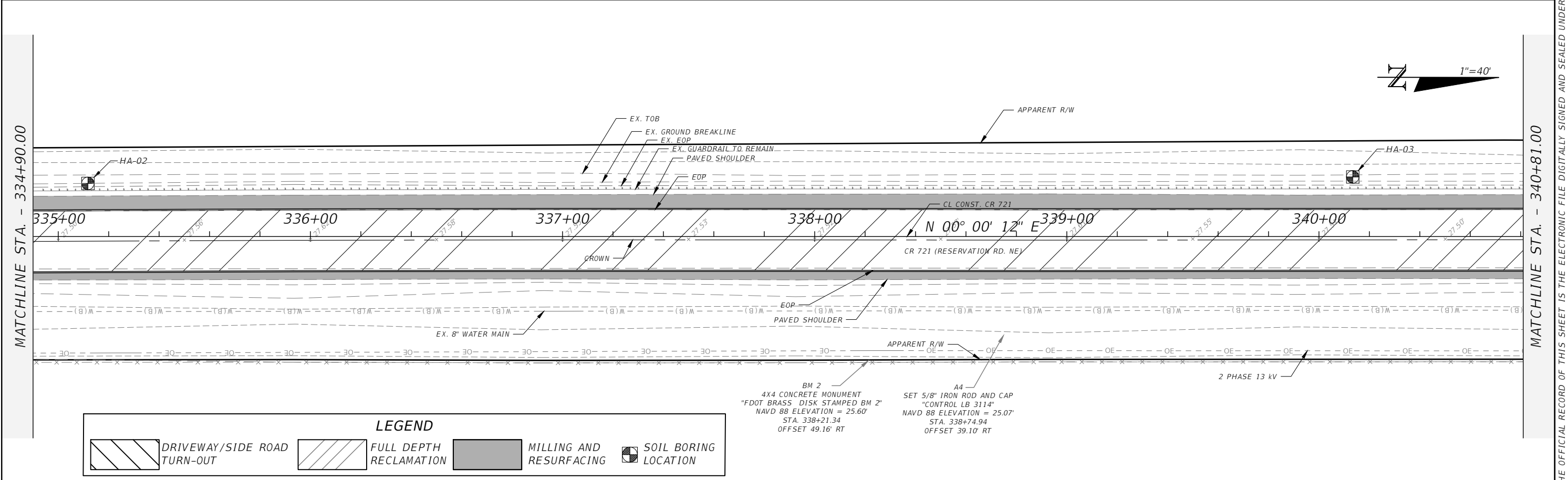
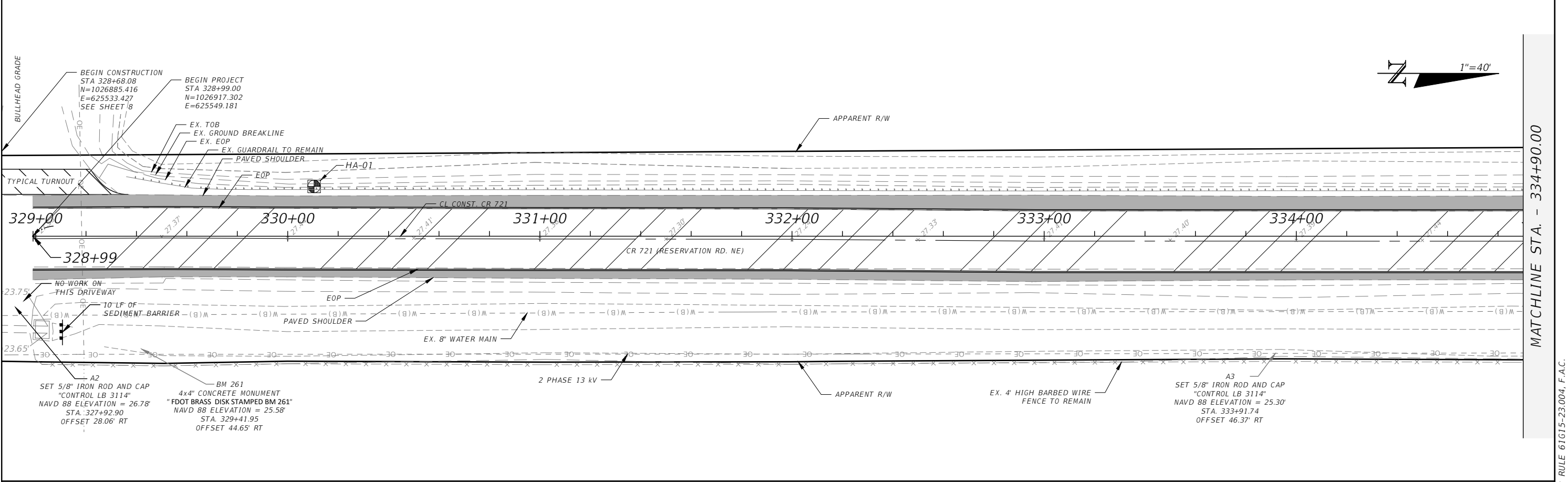
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DATE	DESCRIPTION	DATE	DESCRIPTION		GLADES COUNTY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
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Point	Station	Offset	Elevation	Northing	Easting
A1	327+37.48	-34.55'	26.82'	1026854.75	625527.5
A2	327+92.90	28.06'	26.78'	1026910.27	625577.3
A3	333+91.74	46.37'	25.30'	1027410.04	625595.6
A4	338+74.94	39.10'	25.07'	1027893.24	625588.3
A5	343+87.75	41.47'	24.95'	1028406.05	625590.7
A6	348+83.85	38.58'	25.31'	1028902.21	625587.7
A7	353+85.12	40.51'	24.98'	1029403.48	625588.9
A8	357+72.89	40.30'	25.17'	1029791.26	625588.1
A9	361+54.67	43.13'	25.19'	1030201.55	625587.9
A10	365+93.75	42.64'	25.94'	1030611.61	625590.6
A11	370+03.43	65.28'	30.18'	1031021.28	625617
A12	373+59.04	40.48'	27.61'	1031377.61	625592.6
A13	378+16.86	37.86'	25.07'	1031835.29	625587.5
A14	382+60.12	33.24'	24.47'	1032278.52	625580.8
A15	387+10.84	25.76'	24.27'	1032729.24	625571.3
A16	391+53.67	29.78'	24.95'	1033178.79	625572.3
A17	396+03.01	32.27'	25.23'	1033621.42	625572.8
A18	400+58.13	26.25'	25.44'	1034076.5	625564.4
A19	404+98.62	30.84'	24.16'	1034517.01	625566.7
A20	409+33.53	33.43'	24.01'	1034951.92	625567
A21	413+95.55	31.05'	25.28'	1035413.92	625562.3
A22	418+41.11	31.09'	24.49'	1035859.48	625560
A23	422+91.35	26.58'	25.79'	1036309.69	625553.1
A24	427+18.74	38.14'	26.60'	1036737.17	625562.1
A25	431+77.83	41.64'	26.80'	1037196.27	625562.7
A26	436+42.79	39.72'	26.78'	1037661.22	625557.9
A27	440+87.06	37.68'	26.91'	1038105.47	625553
A28	445+41.21	38.23'	26.93'	1038559.61	625550.7
A29	449+83.23	37.29'	26.76'	1039001.67	625546.6
A30	454+35.50	37.21'	27.03'	1039453.95	625542.9
A31	458+79.08	37.23'	26.81'	1039897.52	625539.1
A32	463+30.26	35.52'	27.17'	1040348.65	625533.6
A33	467+87.40	37.20'	27.42'	1040805.79	625531.5

A34	472+27.65	33.68'	28.56'	1041245.99	625524.4
A35	476+73.34	35.96'	27.92'	1041691.7	625523
A36	481+26.11	36.60'	27.60'	1042144.46	625519.8
A37	485+73.24	36.07'	27.94'	1042591.56	625515.4
A38	490+21.83	30.68'	26.45'	1043040.09	625506.2
A39	494+68.99	37.92'	27.40'	1043487.3	625509.7
A40	499+24.07	37.16'	27.13'	1043942.36	625505
A41	503+68.88	37.99'	27.54'	1044387.17	625502
A42	508+20.30	36.25'	27.69'	1044838.55	625496.4
A43	512+64.78	35.59'	27.48'	1045283.24	625491.3
A44	516+08.74	27.54'	29.94'	1045627.04	625477.9
A45	516+83.27	24.13'	28.91'	1045701.51	625473.3
BM2	338+21.34	49.16'	25.60'	1027839.64	625598.4
BM3	348+04.93	47.39'	25.63'	1028823.31	625596.7
BM4	357+91.35	55.16'	25.62'	1029809.72	625595.5
BM5	367+72.24	59.56'	25.32'	1030789.91	625609.4
BM6	377+59.06	55.80'	25.05'	1031777.57	625605.7
BM7	388+17.93	46.06'	22.97'	1032836.44	625591
BM8	397+26.04	43.84'	25.13'	1033744.51	625583.7
BM9	407+09.57	43.51'	21.86'	1034728.02	625578.3
BM10	416+94.25	42.86'	25.50'	1035712.68	625572.5
BM11	426+78.32	48.33'	26.05'	1036696.82	625572.6
BM12	436+63.06	50.65'	26.51'	1037681.56	625568.7
BM13	446+46.66	46.36'	26.61'	1038665.1	625558.2
BM14	456+30.98	48.73'	24.87'	1039649.52	625552.7
BM15	466+15.27	49.37'	27.08'	1040633.77	625545.1
BM16	475+99.39	49.29'	28.05'	1041617.86	625537
BM17	485+82.36	48.76'	27.31'	1042600.79	625528.1
BM18	495+69.16	48.39'	27.10'	1043587.56	625519.3
BM19	505+52.34	47.35'	27.32'	1044570.69	625509.8
BM20	515+40.99	49.77'	28.45'	1045559.65	625501.1
BM261	329+41.95	44.65'	25.58'	1026960.25	625593.8
BM721	371+70.99	-19.55'	32.30'	1031189.39	625533.3
BM721-2	372+67.24	22.04'	31.91'	1031285.68	625574.9

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DATE	DESCRIPTION	DATE	DESCRIPTION		GLADES COUNTY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		9
					G1G69	GLADES	438573-1-54-01		

GENERAL NOTES =====									
1. THE ROAD CONTRACTOR IS RESPONSIBLE FOR OBTAINING THE APPROPRIATE ROADWAY AND TRAFFIC DESIGN STANDARDS AS LISTED ON THE KEY SHEET. 2. COPIES OF THESE PLANS AS DESIGNED BY THE PROFESSIONAL ENGINEER HAVE BEEN RETAINED BY THE PROFESSIONAL ENGINEER. SAID ENGINEER WILL NOT BE RESPONSIBLE FOR ANY SUBSEQUENT CHANGES TO THE REPRODUCIBLE ORIGINAL DOCUMENTS. 3. ROADWAY IS AS SHOWN ON THE PLANS AND CROSS SECTIONS. THE STATIONS AND OFFSETS ARE FROM THE SURVEY CENTERLINE UNLESS OTHERWISE NOTED ON THE PLANS. 4. THE CONTRACTOR SHALL NOT USE A VIBRATORY ROLLER, AT THE DISCRETION OF THE ENGINEER, NEAR ALL CROSS DRAINS DURING RESURFACING ACTIVITIES, OR AROUND ADJACENT HOMES. 5. EXISTING DRIVEWAYS WITHIN THE LIMITS OF THIS PROJECT ARE TO REMAIN AT THE SAME LOCATION AND WIDTH UNLESS OTHERWISE SHOWN IN THE PLANS, OR DIRECTED BY THE ENGINEER. 6. A STORMWATER POLLUTION PREVENTION PLAN SHALL BE PREPARED BY THE CONTRACTOR, IN ACCORDANCE WITH SECTION 104. THE NOTICE OF INTENT SHALL BE PREPARED FOR THE N.P.D.E.S. STORMWATER PERMIT AND SUBMITTED TO OBTAIN PERMIT COVERAGE. FULL COMPENSATION FOR ALL ITEMS AND WORK SHALL BE INCLUDED IN THE COST OF MAINTENANCE OF TRAFFIC. 7. APPROPRIATE TURBIDITY AND EROSION CONTROL FEATURES SHALL BE PLACED AT ALL MODIFIED CROSS DRAINS PER FDOT STANDARDS PRIOR TO CONSTRUCTION. 8. IN THE EVENT EXCAVATION OF UNSUITABLE MATERIAL IS REQUIRED IT MAY BE USED TO FLATTEN SLOPES IN AREAS IN ACCORDANCE WITH FDOT SECTION 120. 9. THE CONTRACTOR SHALL PROVIDE BORROW MATERIAL FROM BORROW PITS APPROVED BY THE ENGINEER, AND INCORPORATE IT INTO THE WORK IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS. 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PREPARATION OF A SIGNED AND SEALED TRAFFIC CONTROL PLAN (TCP) BY PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF FLORIDA. 11. DURING CONSTRUCTION THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE STAKEOUT OF THE PROJECT, I.E., LINE, GRADE, SLOPE STAKE, UTILITY RELOCATIONS OR ANY OTHER STAKEOUT (INCLUDING AS-BUILTS) THAT MAY BE REQUIRED TO COMPLETE THE PROJECT IN ACCORDANCE WITH PLANS AND SPECIFICATIONS. ALL SURVEY WORK STATED HEREIN SHALL BE PERFORMED BY A PROFESSIONAL LAND SURVEYOR, LICENSED TO PRACTICE IN THE STATE OF FLORIDA 12. OVERALL CLEAN UP SHALL BE ACCOMPLISHED BY THE CONTRACTOR IN ACCORDANCE WITH COUNTY STANDARDS OR AS DIRECTED BY THE ENGINEER. ANY AND ALL EXPENSE INCURRED FOR THIS WORK SHALL BE INCLUDED IN THE BID PRICE FOR THE RELATED ITEM. 13. THE CONTRACTOR SHALL PROTECT PRIVATE PROPERTY, ANY DAMAGE CAUSED BY THE CONTRACTOR IN THE PERFORMANCE OF HIS WORK SHALL BE CORRECTED TO THE SATISFACTION OF THE ENGINEER AND PROPERTY OWNER AT THE CONTRACTORS EXPENSE. 14. ANY DAMAGE TO STATE, COUNTY OR LOCAL ROADS CAUSED BY THE CONTRACTOR'S HAULING OR EXCAVATING EQUIPMENT SHALL BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER. 15. ANY SURVEY MARKER, INCLUDING BUT NOT LIMITED TO SECTION MARKERS, BENCHMARKS, LOT CORNER, ETC., WHICH ARE DISTURBED DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE PRIOR TO FINAL PAYMENT. RESETTING OF MONUMENTS AND MARKERS SHALL BE PERFORMED BY A PROFESSIONAL LAND SURVEYOR, LICENSED TO PRACTICE IN THE STATE OF FLORIDA AND SHOWN ON THE AS-BUILT PLANS AS RESET. CONTRACTOR SHALL PROVIDE AS-BUILT DRAWINGS TO THE ENGINEER UPON COMPLETION. 16. THE ELEVATIONS SHOWN HEREON ARE ON THE NORTH AMERICAN VERTICAL DATUM (N.A.V.D.) OF 1988. ANY MONUMENT WITHIN THE LIMITS OF CONSTRUCTION ARE TO BE PROTECTED. 17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DISPOSAL OF EXCAVATED MATERIAL, DEBRIS, VEGETATION, METAL AND CONCRETE AT A LEGAL DISPOSAL SITE OR BY OTHER MANNER APPROVED BY THE ENGINEER. DO NOT DEPOSIT MATERIALS CLEARED FROM SITE ONTO ADJACENT PROPERTY WITHOUT WRITTEN APPROVAL FROM THE ENGINEER AND LANDOWNER. CONTRACTOR IS RESPONSIBLE FOR MATERIALS REMOVED FROM SITE. 18. THE CONTRACTOR SHALL FURNISH THE ENGINEER, PRIOR TO INCORPORATION INTO THE PROJECT, A CERTIFICATE FROM THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES DIVISION OF PLANT INDUSTRY, STATING THAT THE SOD, HAY AND MULCH MATERIALS ARE FREE OF NOXIOUS WEED, INCLUDING TROPICAL SODA APPLE. 19. ANY DAMAGE BY THE CONTRACTOR TO ANY DRIVE TURNOUT DURING THE CONSTRUCTION OF THE PROJECT SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE. 20. THE CONTRACTOR SHALL NOTIFY ALL REQUIRED UTILITIES AND GOVERNMENT AGENCIES AT LEAST TWO FULL BUSINESS DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION (TWO FULL BUSINESS DAYS BEFORE DIGGING CALL TOLL FREE 800-432-4770 SUNSHINE CALL CENTER - PREVIOUSLY U.N.C.L.E.). CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE OR RELOCATION OF UTILITIES DURING CONSTRUCTION. 21. CONSTRUCTION DEWATERING IS NOT ANTICIPATED FOR THE PROJECT AND HAS NOT BEEN AUTHORIZED. IF DEWATERING IS NECESSARY, THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING A WATER USE PERMIT FROM THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT. 22. PRIOR TO COMMENCEMENT, THE CONTRACTOR SHALL OBTAIN A COPY OF AND FOLLOW FLORIDA DEPARTMENT OF HISTORICAL RESOURCES (FDHR) DIRECTIVES FOR CONSTRUCTION WORK AND REPORTING OF HISTORICAL OR ARCHAEOLOGICAL ARTIFACTS DISCOVERED DURING GROUND DISTURBING ACTIVITIES FOR THE PROPOSED RESURFACING, INCLUDING REMOVAL OF THE PREVIOUS ROAD SURFACE, INSTALLATION OF SIGNAGE, AND TEMPORARY ACCESS AND STAGING AREAS. 23. CONTRACTOR SHALL PROVIDE A SUPERINTENDENT ON SITE AT ALL TIMES DURING CONSTRUCTION. 24. TEMPORARY DETOURS OF TRAFFIC SHALL BE PERMITTED ONLY UPON PRIOR WRITTEN APPROVAL BY THE OWNER. TEMPORARY SIGNS ARE PERMITTED AS LONG AS THEY ARE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). IF A ROAD CLOSURE IS ANTICIPATED TO BE IN EXCESS OF TWELVE (12) HOURS, POST MOUNTED SIGNAGE IS REQUIRED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE EMS, FIRE & SHERIFFS, SCHOOL BOARD OFFICES PRIOR AND DURING ROAD CLOSURE. 25. THE PROPOSED RESTORATION/RESURFACING WIDTH SHALL MATCH THE PROPOSED TYPICAL SECTION ON SHEET NO. 5, 6, AND 7. 26. PIPE REPLACEMENT SHALL MATCH EXIST. INVERTS AND ALIGNMENTS UNLESS OTHERWISE NOTED. 27. EXISTING DRAINAGE STRUCTURES SHALL REMAIN UNLESS OTHERWISE NOTED. 28. GLADES COUNTY-PROVIDED ROADWAY SECTION TO BE UTILIZED IN AREAS OF DEPRESSION WITHIN CR 721. 29. MAINTAINED RIGHT OF WAY IS PER FDOT RIGHT OF WAY MAP SECTION NO.05510-2605. 30. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THEIR OWN SUBSURFACE INVESTIGATION. A PAVEMENT CORING AND EVALUATION REPORT AND SUBSURFACE EXPLORATION ORGANIC SOIL DELINEATION REPORT BY ARDAMAN & ASSOCIATES, INC. HAVE BEEN PROVIDED FOR THE CONTRACTOR'S INFORMATION, WITH NO GUARANTEES TO THE SUBSURFACE CONDITIONS. UTILITY AGENCY/OWNER PHONE NUMBER CENTURYLINK 863-386-8030 GLADES ELECTRIC COOPERATIVE 863-946-0300 LAKEPORT WATER ASSOCIATION 863-946-1300									
REVISIONS				AIM ENGINEERING & SURVEYING, INC. ALEX RAMOS, P.E. P.E. LICENSE NUMBER 96905 2161 FOWLER ST. FORT MYERS, FL. 33901 CERTIFICATE OF AUTHORIZATION 3114	CR 721 FROM BULLHEAD GRADE TO HIGHLANDS COUNTY LINE			GENERAL NOTES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		GLADES COUNTY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
					G1G69	GLADES	438573-1-54-01		10



REVISIONS				AIM ENGINEERING & SURVEYING, INC. ALEX RAMOS, P.E. P.E. LICENSE NUMBER 96905 2161 FOWLER ST. FORT MYERS, FL. 33901 CERTIFICATE OF AUTHORIZATION 3114	CR 721 FROM BULLHEAD GRADE TO HIGHLANDS COUNTY LINE			ROADWAY PLANS	SHEET NO.
DATE	DESCRIPTION		DATE		GLADES COUNTY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
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MATCHLINE STA. - 340+81.00

MATCHLINE STA. - 346+72.00

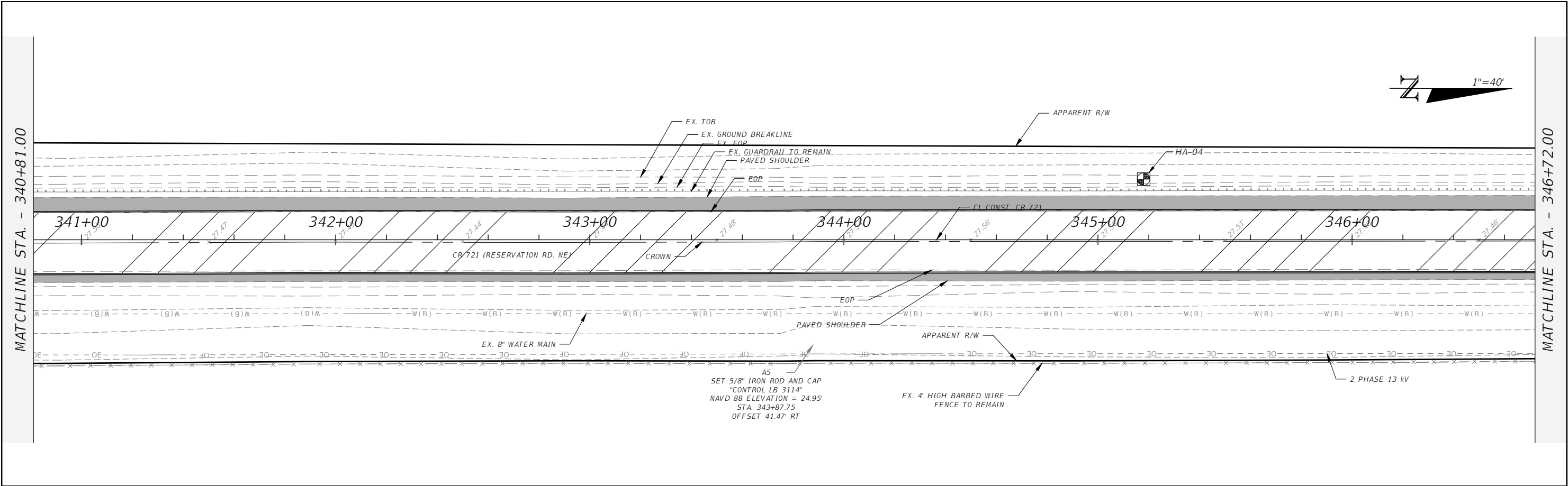
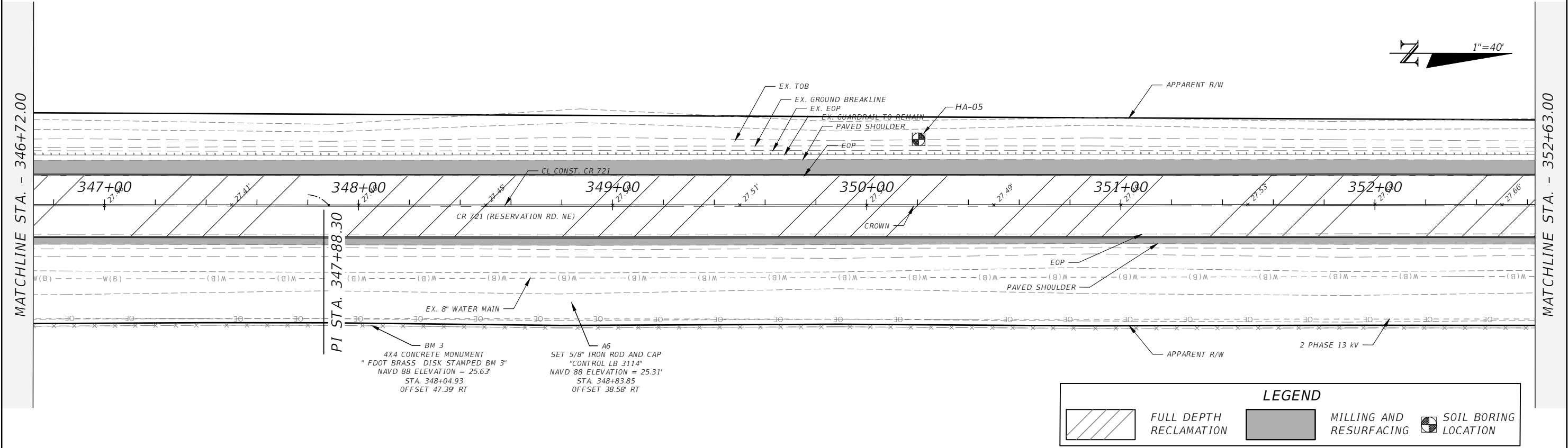
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DATE	DESCRIPTION	DATE	DESCRIPTION

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ALEX RAMOS, P.E.
P.E. LICENSE NUMBER 96905
2161 FOWLER ST.
FORT MYERS, FL. 33901
CERTIFICATE OF AUTHORIZATION 3114

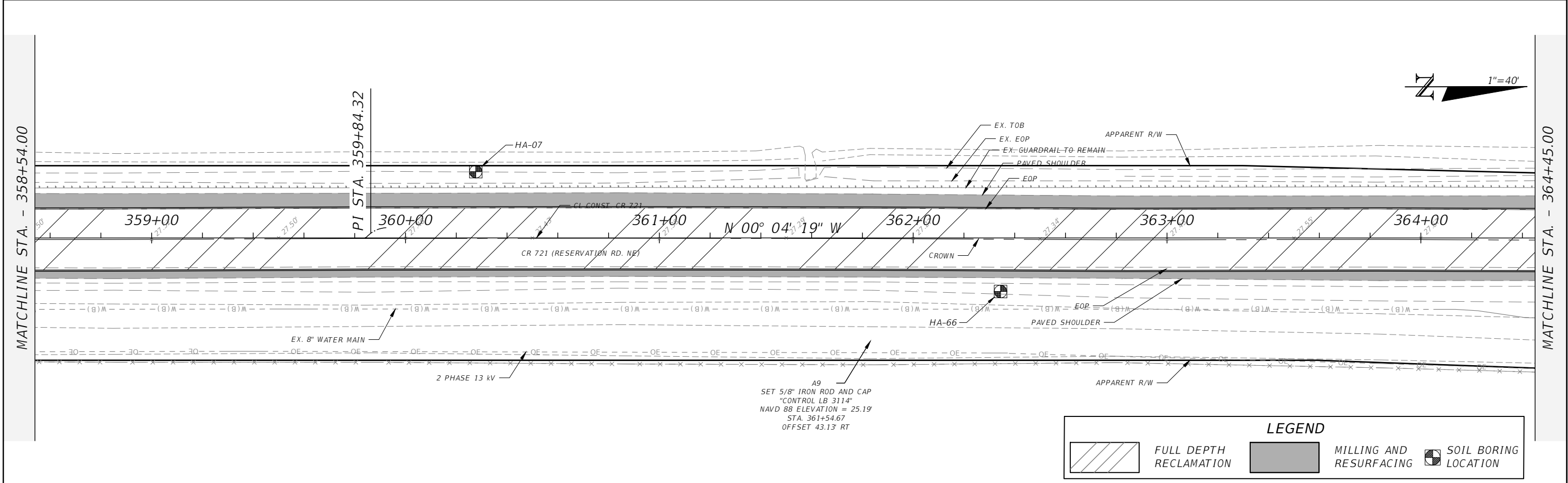
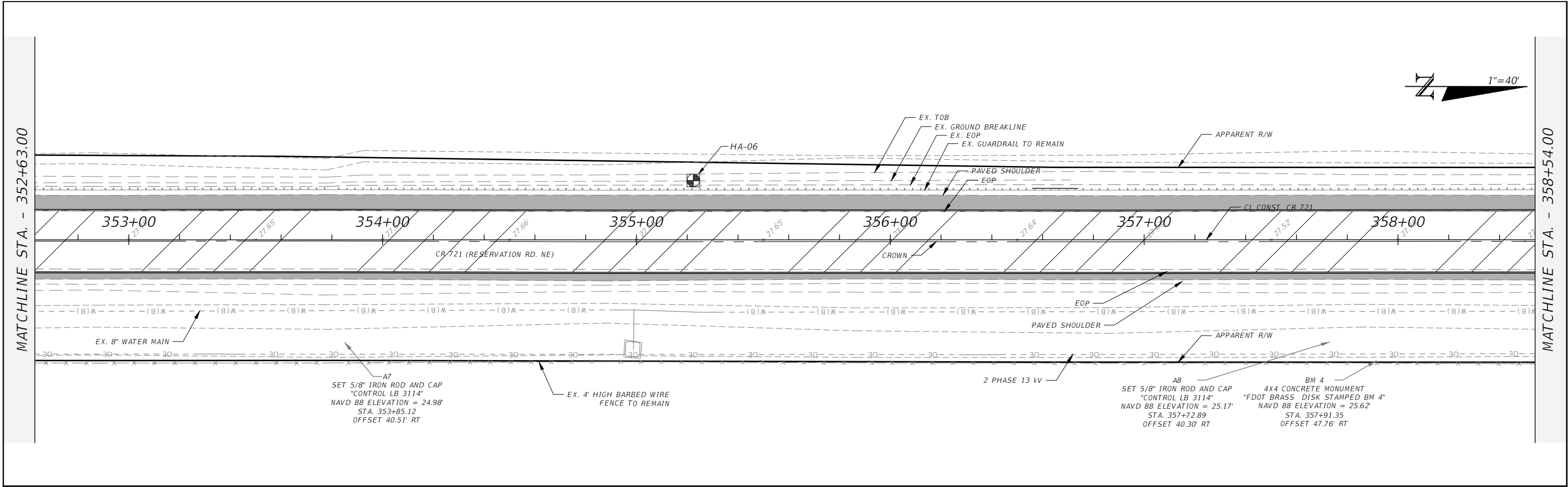
CR 721 FROM BULLHEAD GRADE TO HIGHLANDS COUNTY LINE		
GLADES COUNTY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
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ROADWAY PLANS	

SHEET NO.
12



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



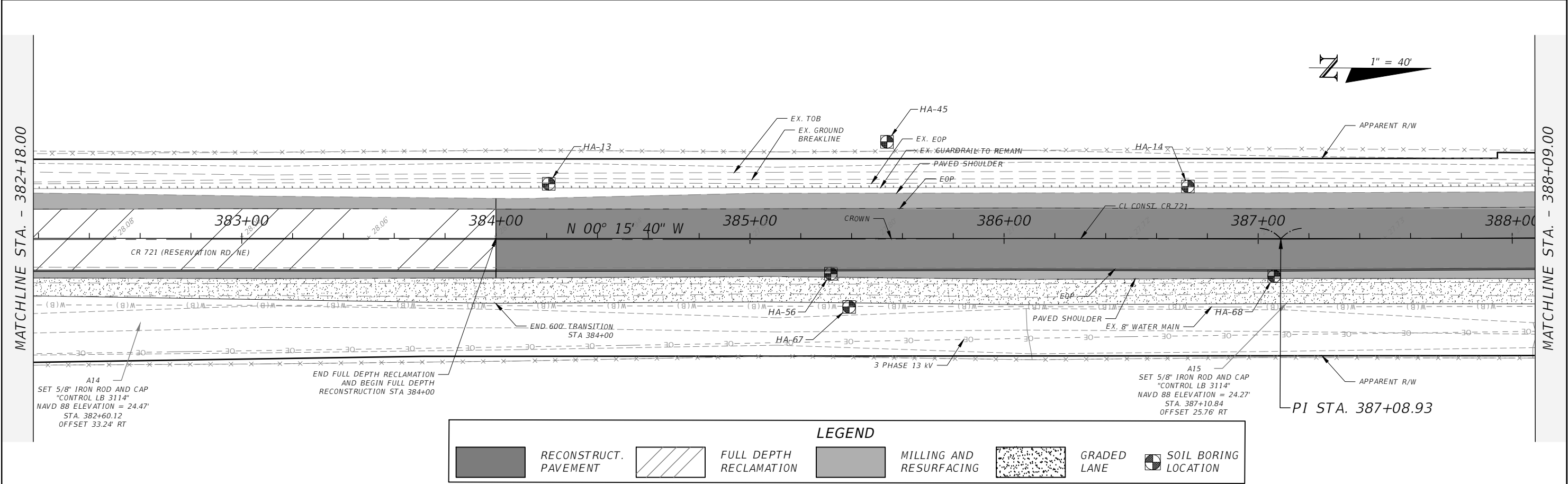
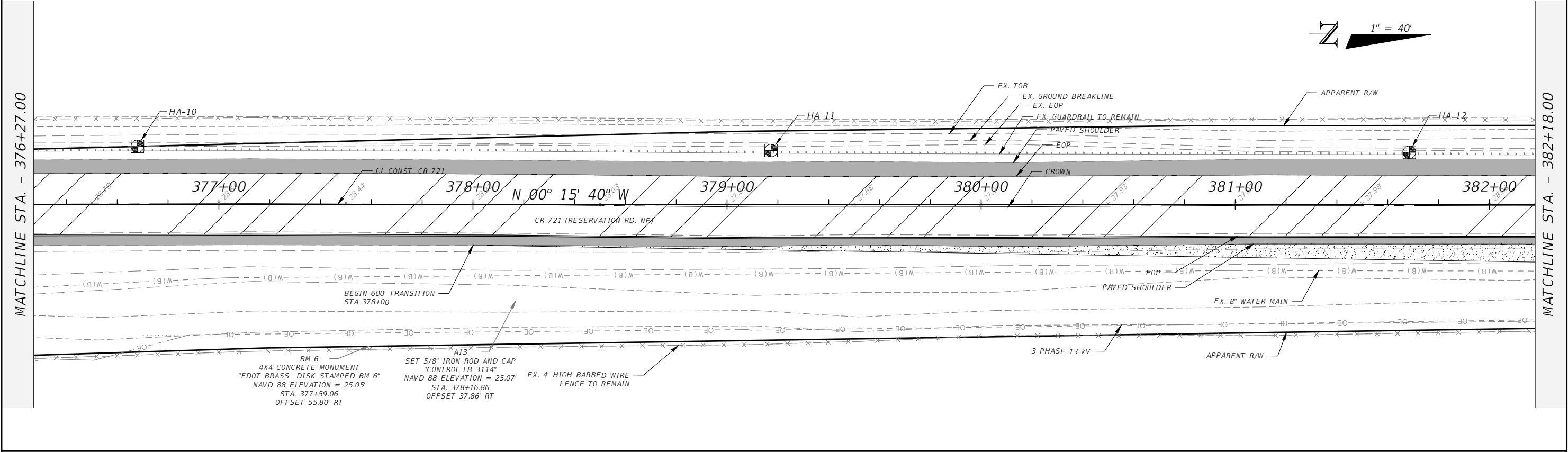
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MATCHLINE STA. - 376+27.00

MATCHLINE STA. - 382+18.00

MATCHLINE STA. - 382+18.00

MATCHLINE STA. - 388+09.00



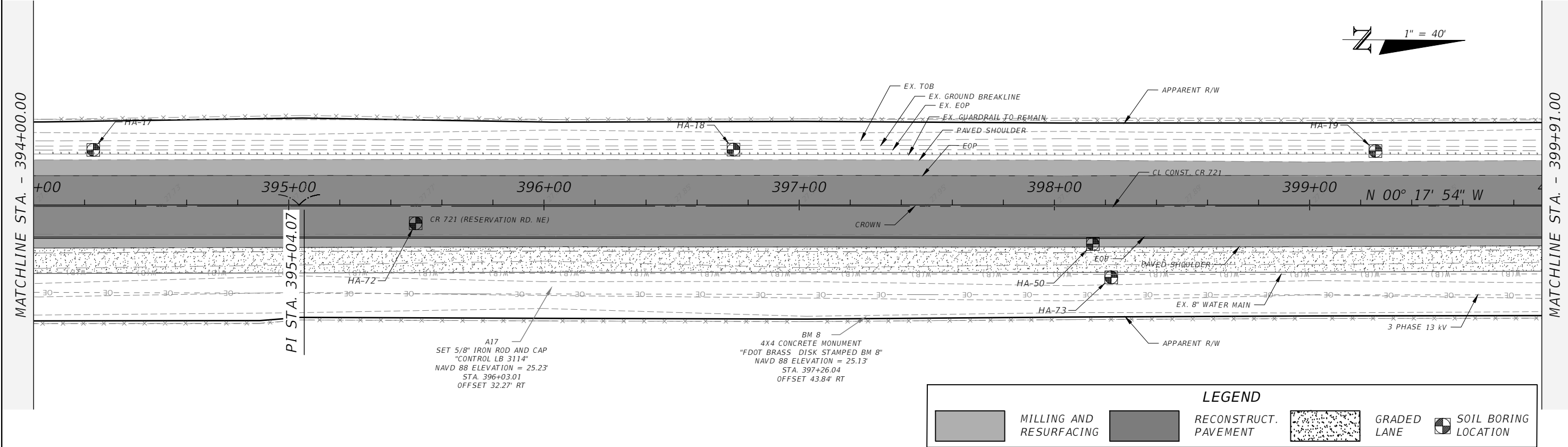
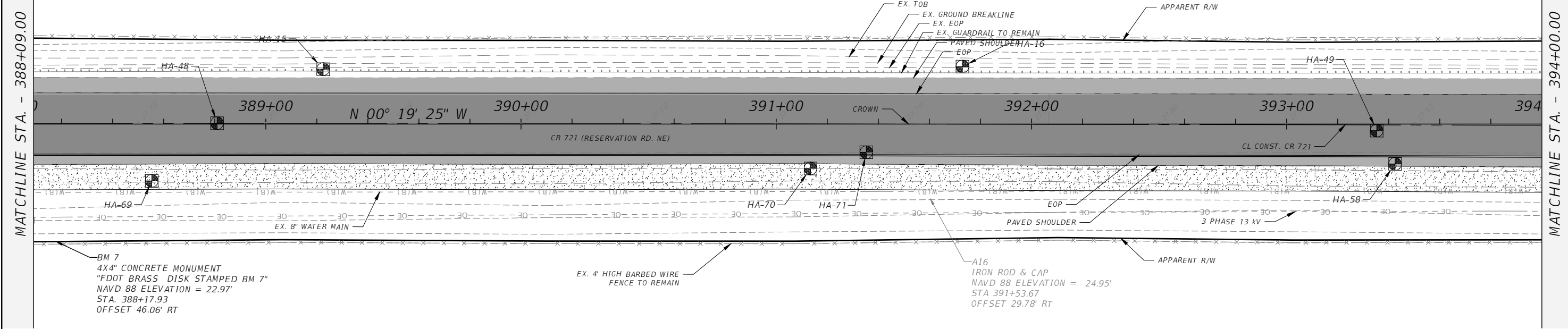
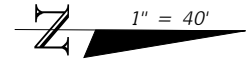
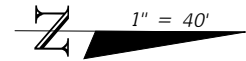
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MATCHLINE STA. - 388+09.00

MATCHLINE STA. - 394+00.00

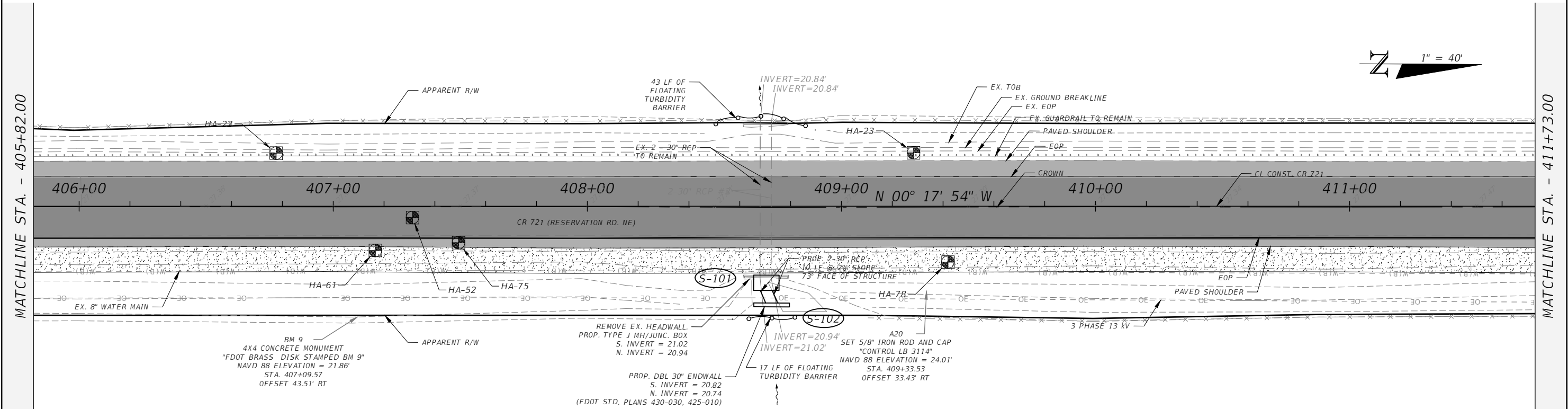
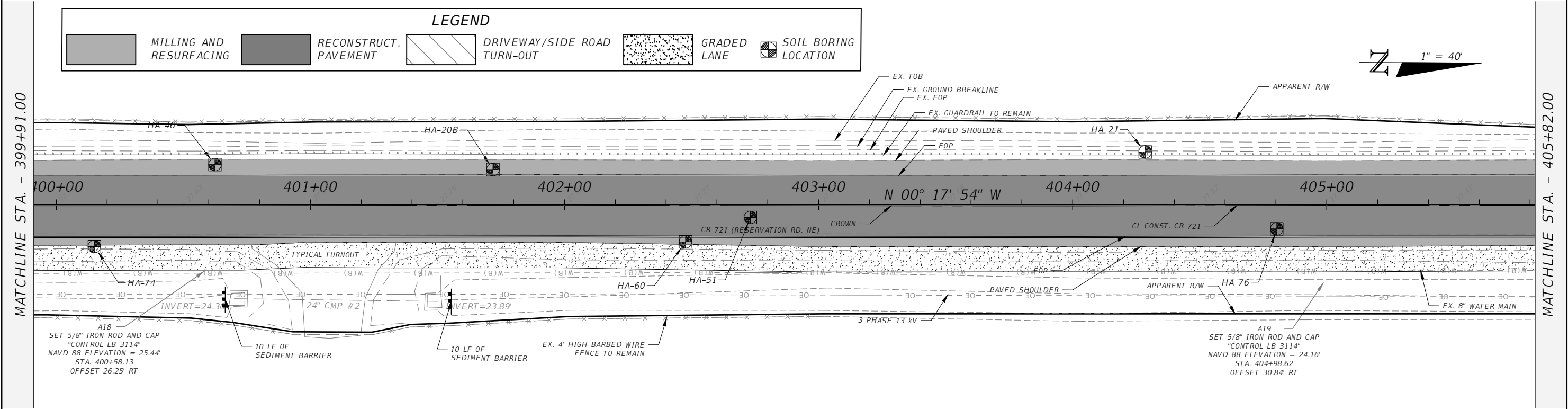
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MATCHLINE STA. - 399+91.00



LEGEND			
	MILLING AND RESURFACING		RECONSTRUCT. PAVEMENT
	GRADED LANE		SOIL BORING LOCATION

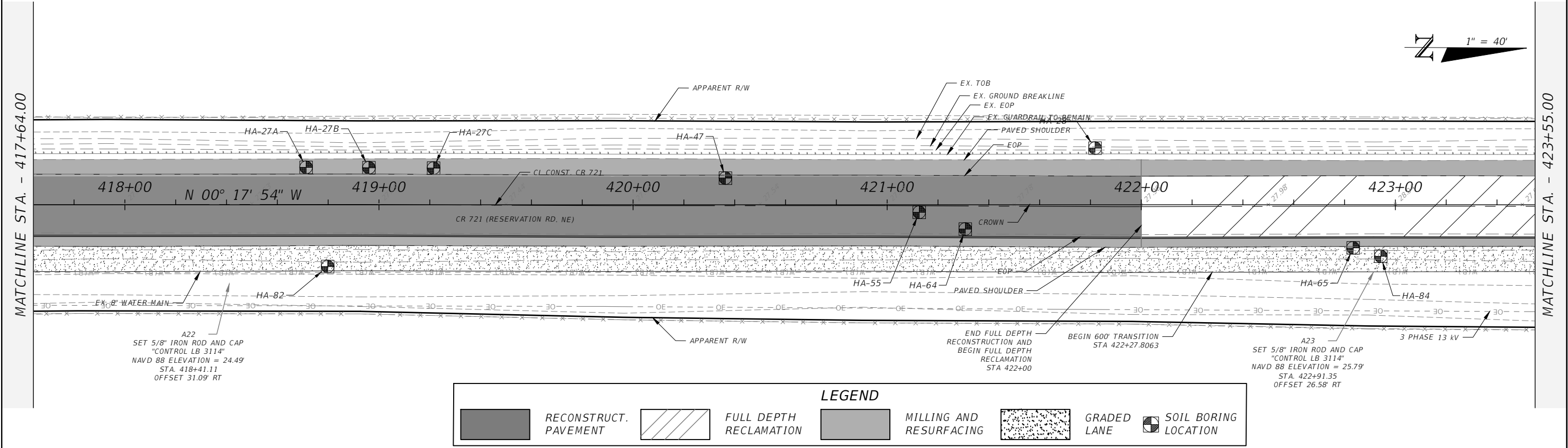
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MATCHLINE STA. - 411+73.00

MATCHLINE STA. - 417+64.00



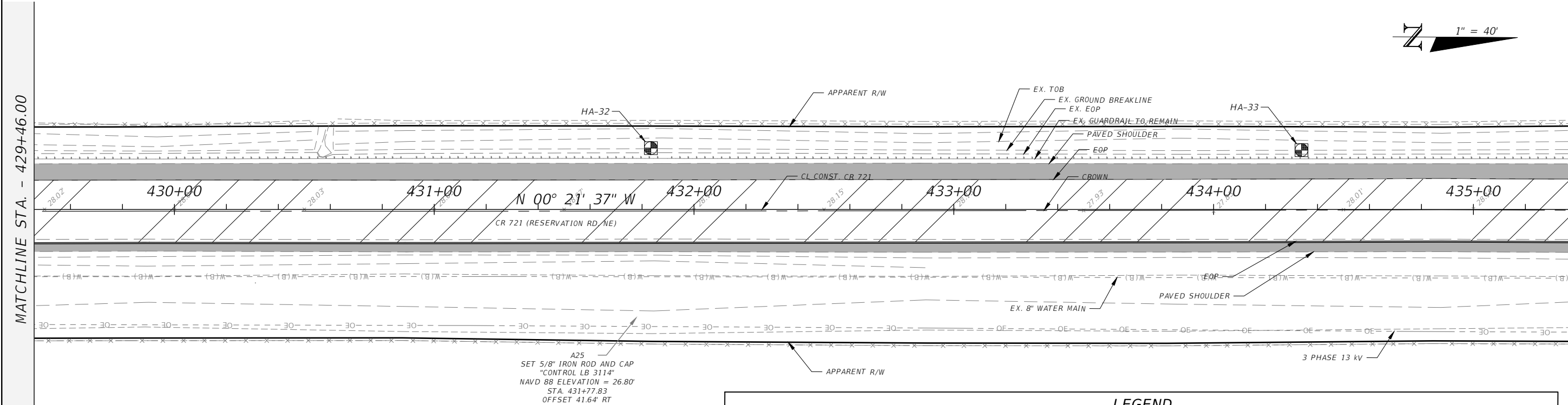
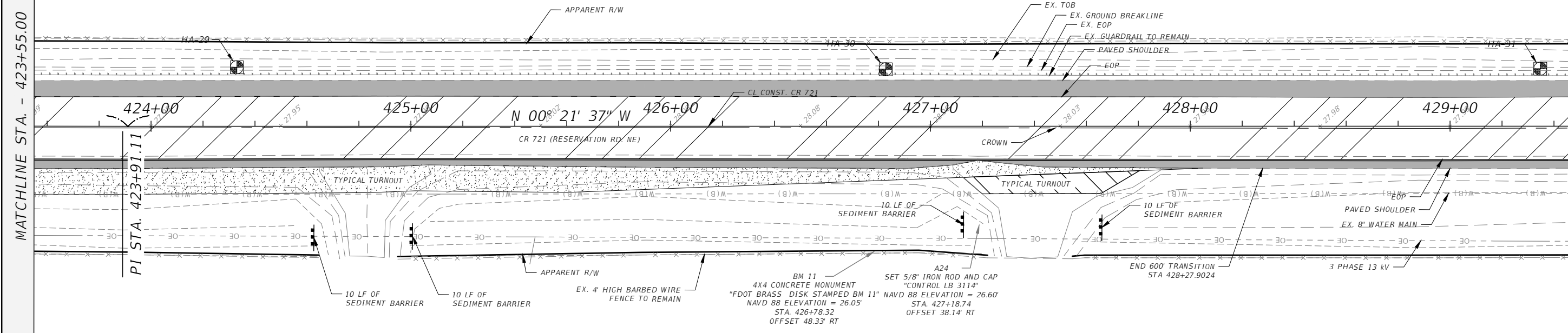
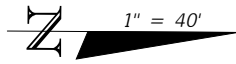
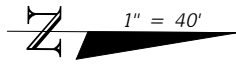
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MATCHLINE STA. - 423+55.00

MATCHLINE STA. - 429+46.00

MATCHLINE STA. - 429+46.00

MATCHLINE STA. - 435+37.00



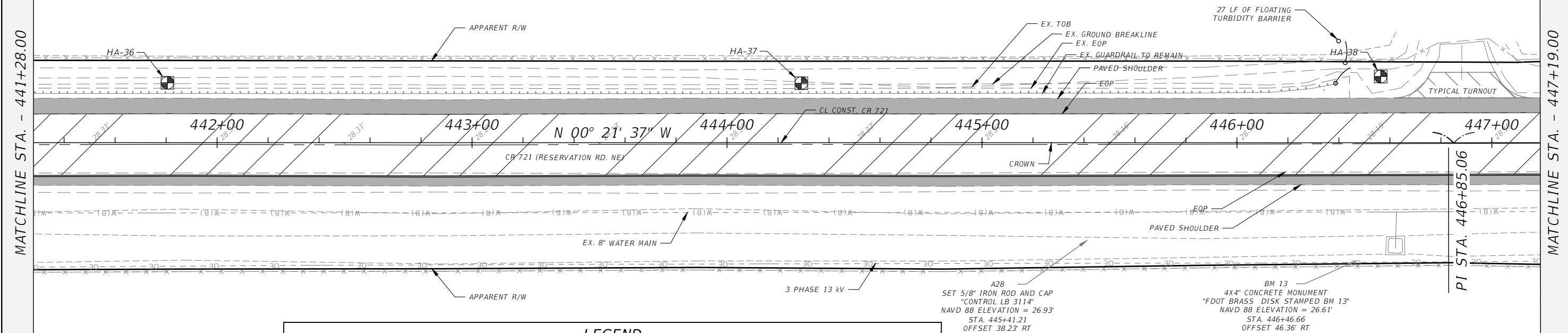
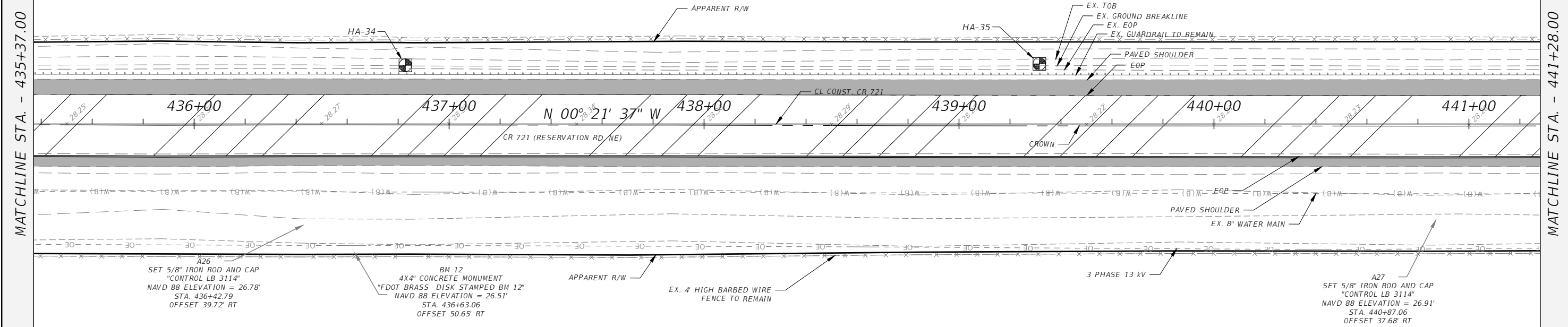
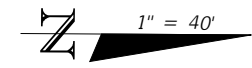
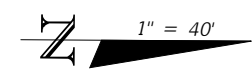
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MATCHLINE STA. - 435+37.00

MATCHLINE STA. - 441+28.00

MATCHLINE STA. - 441+28.00

MATCHLINE STA. - 447+19.00





DRIVEWAY/SIDE ROAD
TURNOUT



FULL DEPTH
RECLAMATION



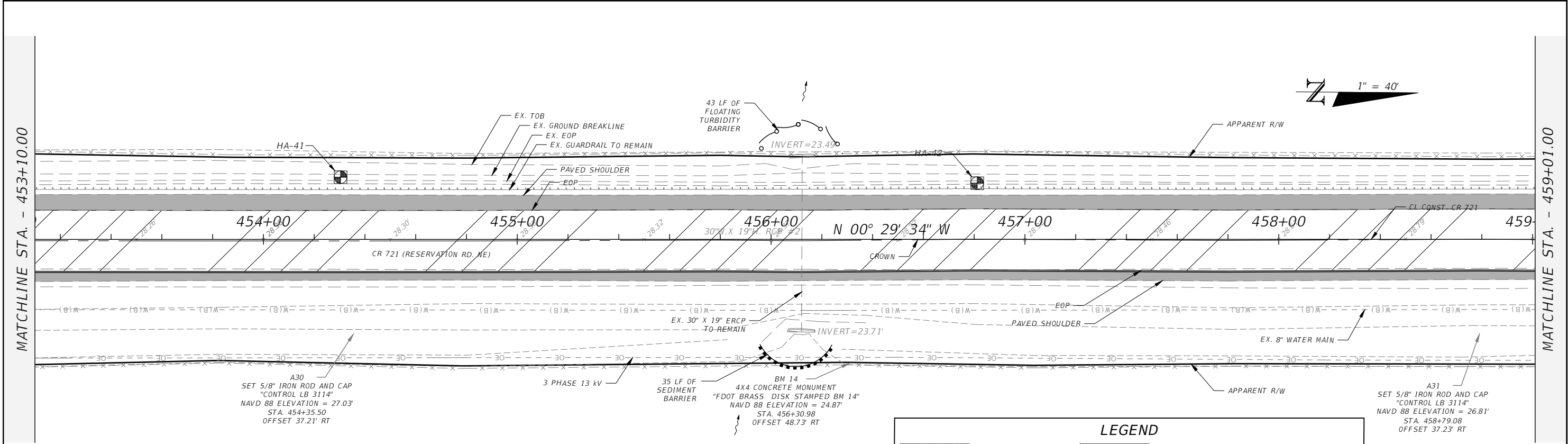
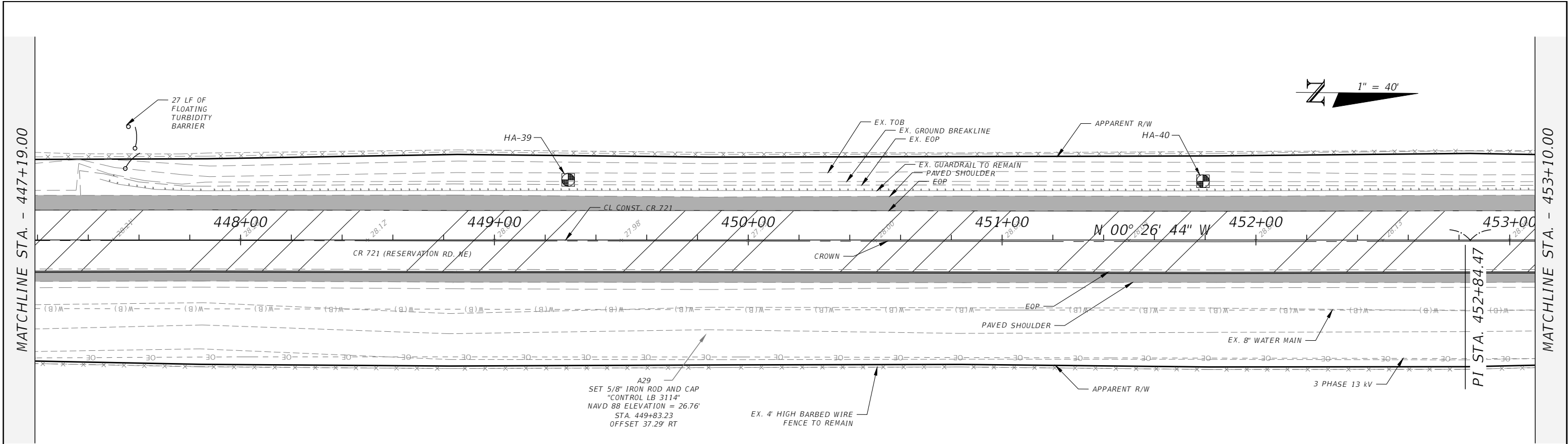
MILLING AND
RESURFACING



SOIL BORING
LOCATION

LEGEND

REVISIONS				AIM ENGINEERING & SURVEYING, INC. ALEX RAMOS, P.E. P.E. LICENSE NUMBER 96905 2161 FOWLER ST. FORT MYERS, FL. 33901 CERTIFICATE OF AUTHORIZATION 3114	CR 721 FROM BULLHEAD GRADE TO HIGHLANDS COUNTY LINE			ROADWAY PLANS	SHEET NO.
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REVISIONS				AIM ENGINEERING & SURVEYING, INC. ALEX RAMOS, P.E. P.E. LICENSE NUMBER 96905 2161 FOWLER ST. FORT MYERS, FL. 33901 CERTIFICATE OF AUTHORIZATION 3114	CR 721 FROM BULLHEAD GRADE TO HIGHLANDS COUNTY LINE			ROADWAY PLANS	SHEET NO.
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MATCHLINE STA. - 459+01.00

MATCHLINE STA. - 464+92.00

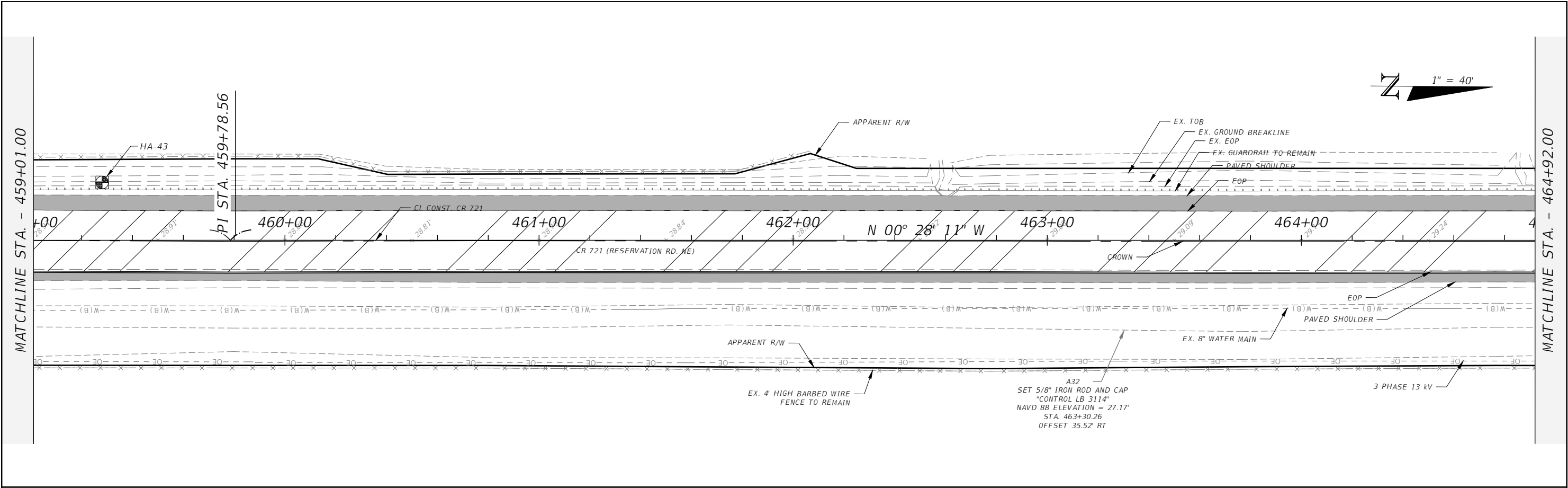
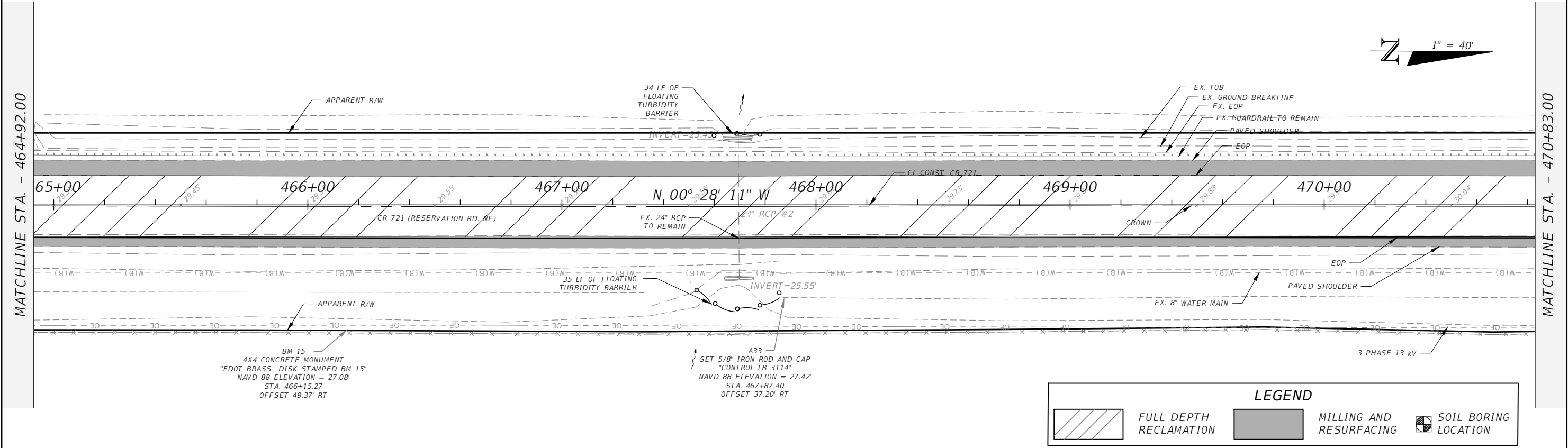
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DATE	DESCRIPTION	DATE	DESCRIPTION

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2161 FOWLER ST.
FORT MYERS, FL. 33901
CERTIFICATE OF AUTHORIZATION 3114

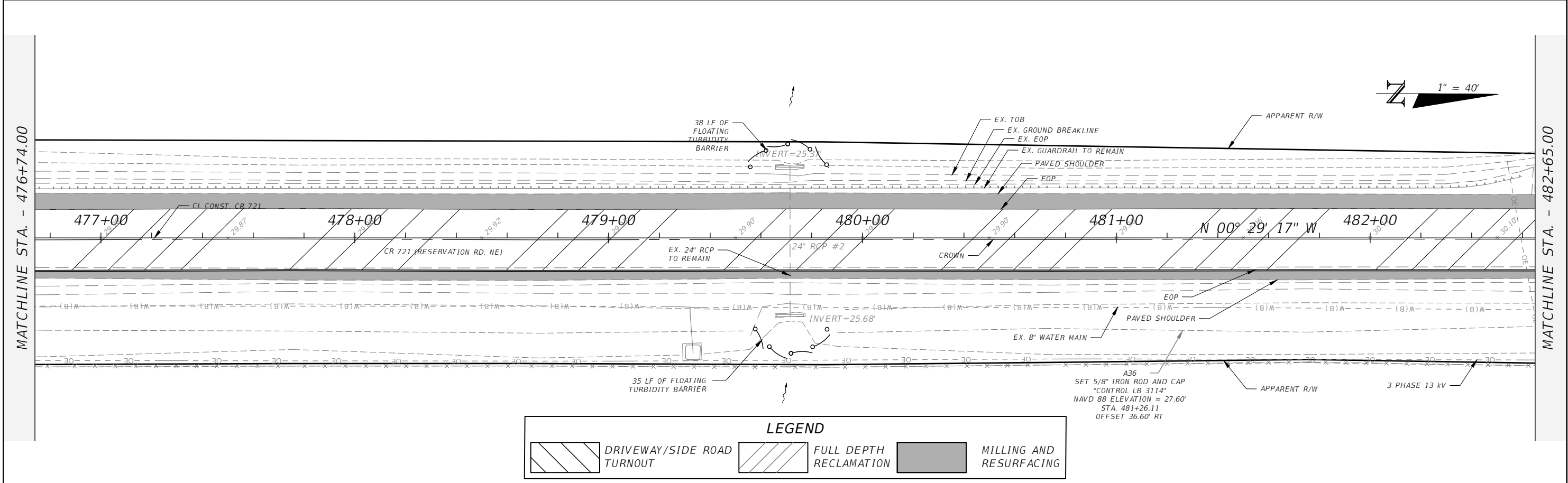
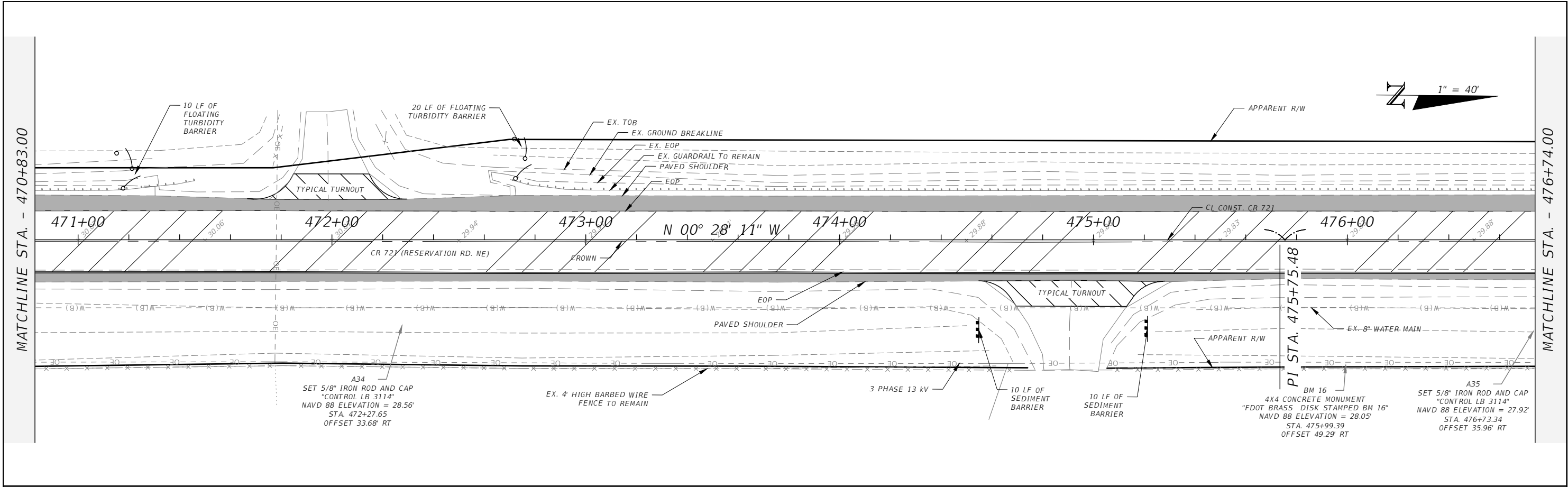
CR 721 FROM BULLHEAD GRADE TO HIGHLANDS COUNTY LINE		
GLADES COUNTY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
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ROADWAY PLANS	

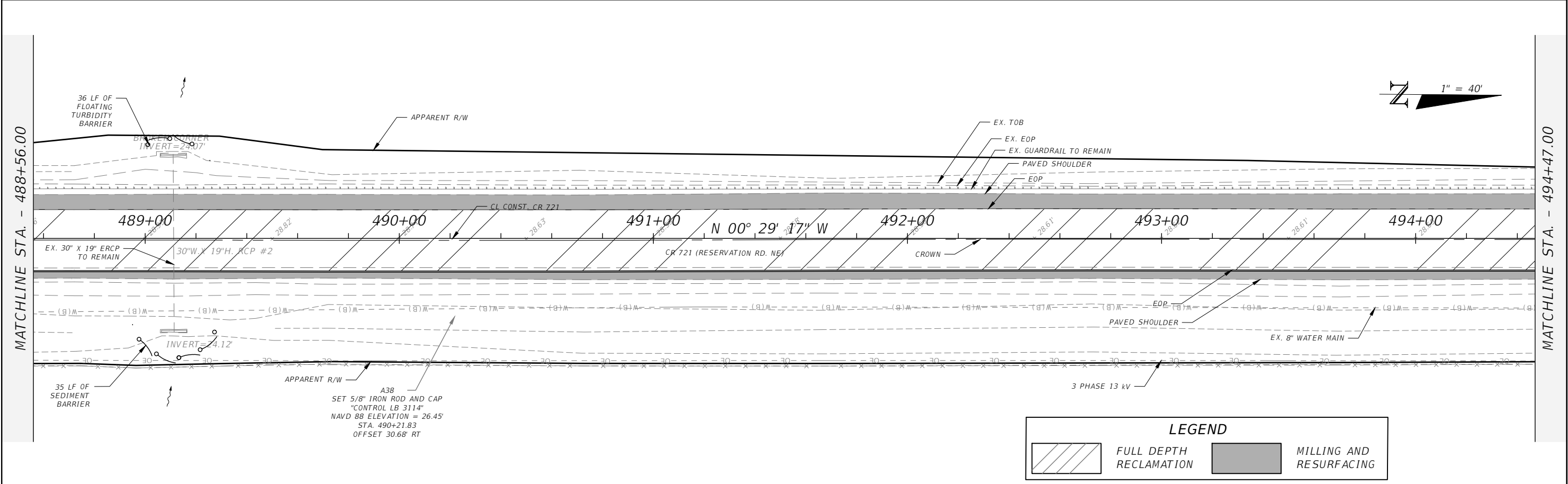
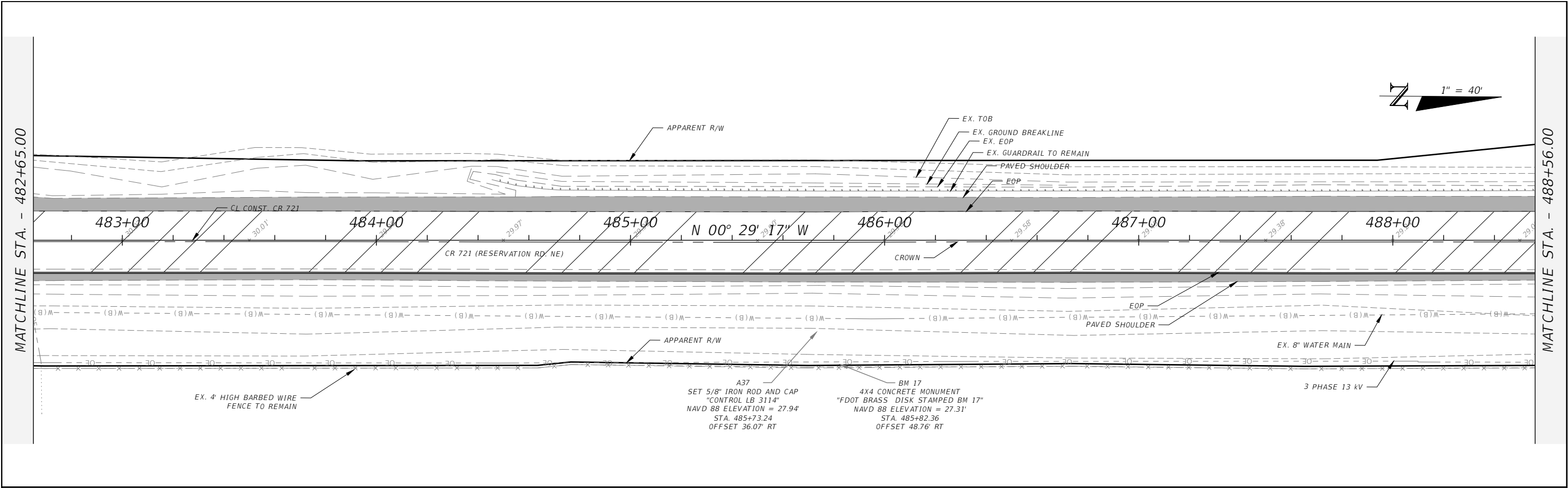
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22



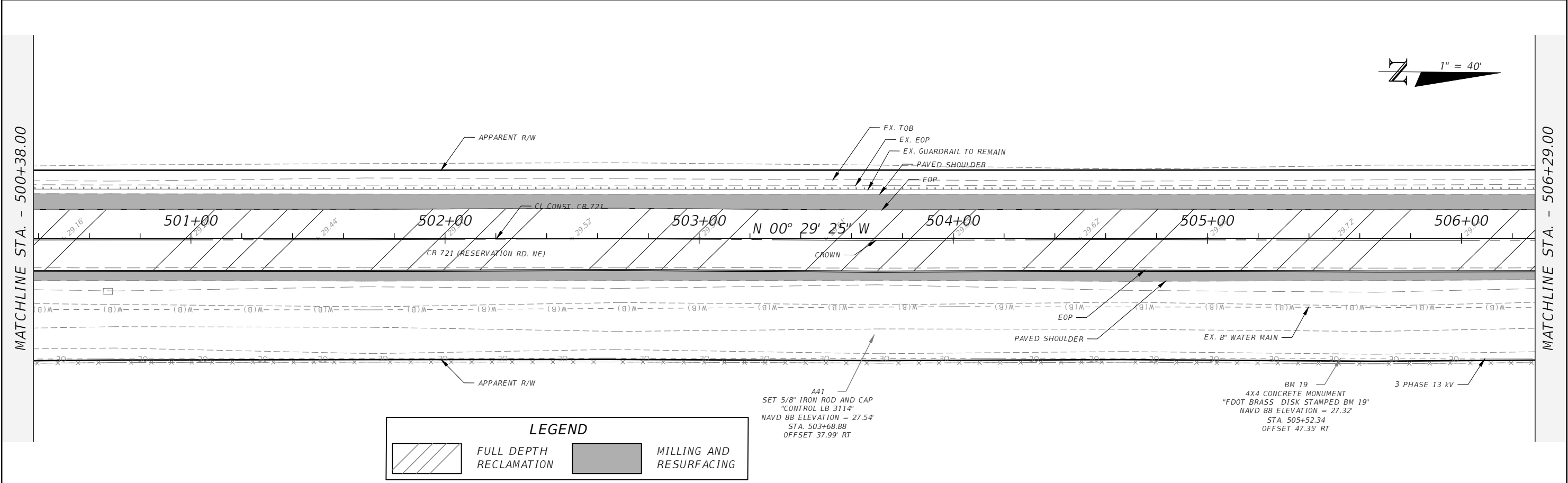
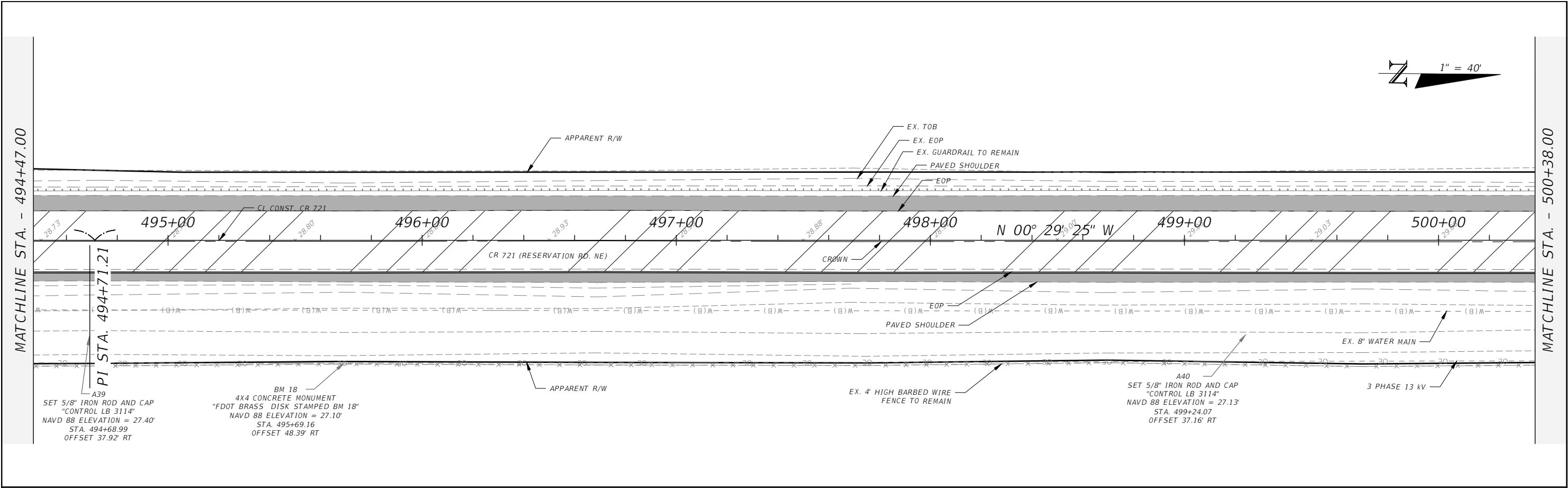
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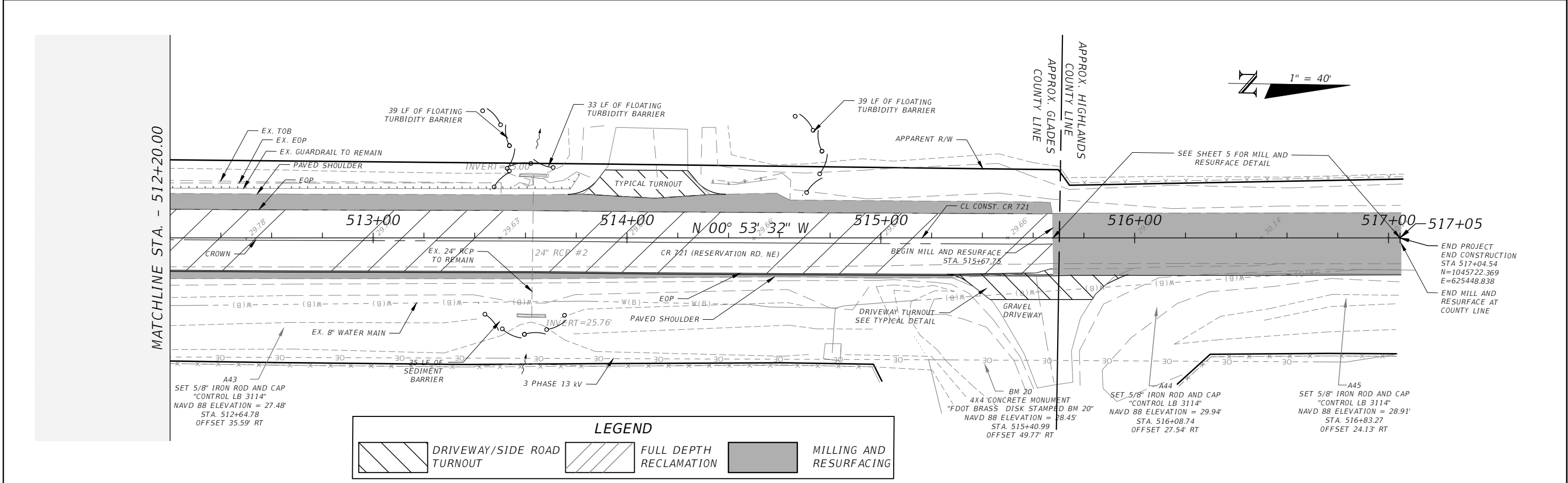
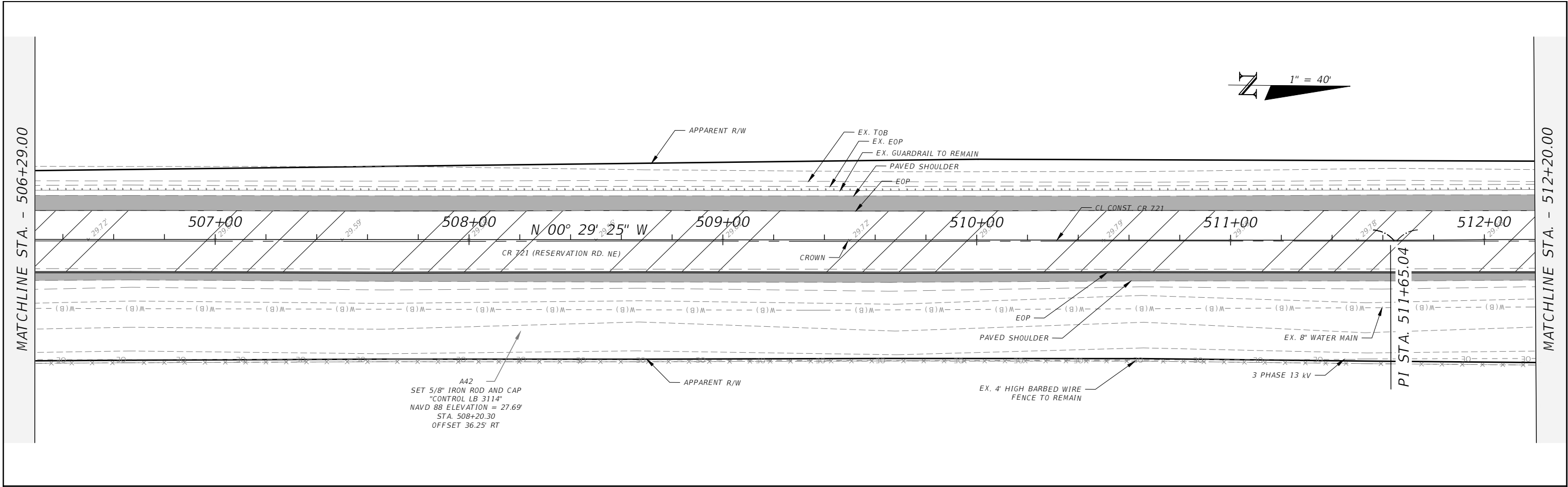
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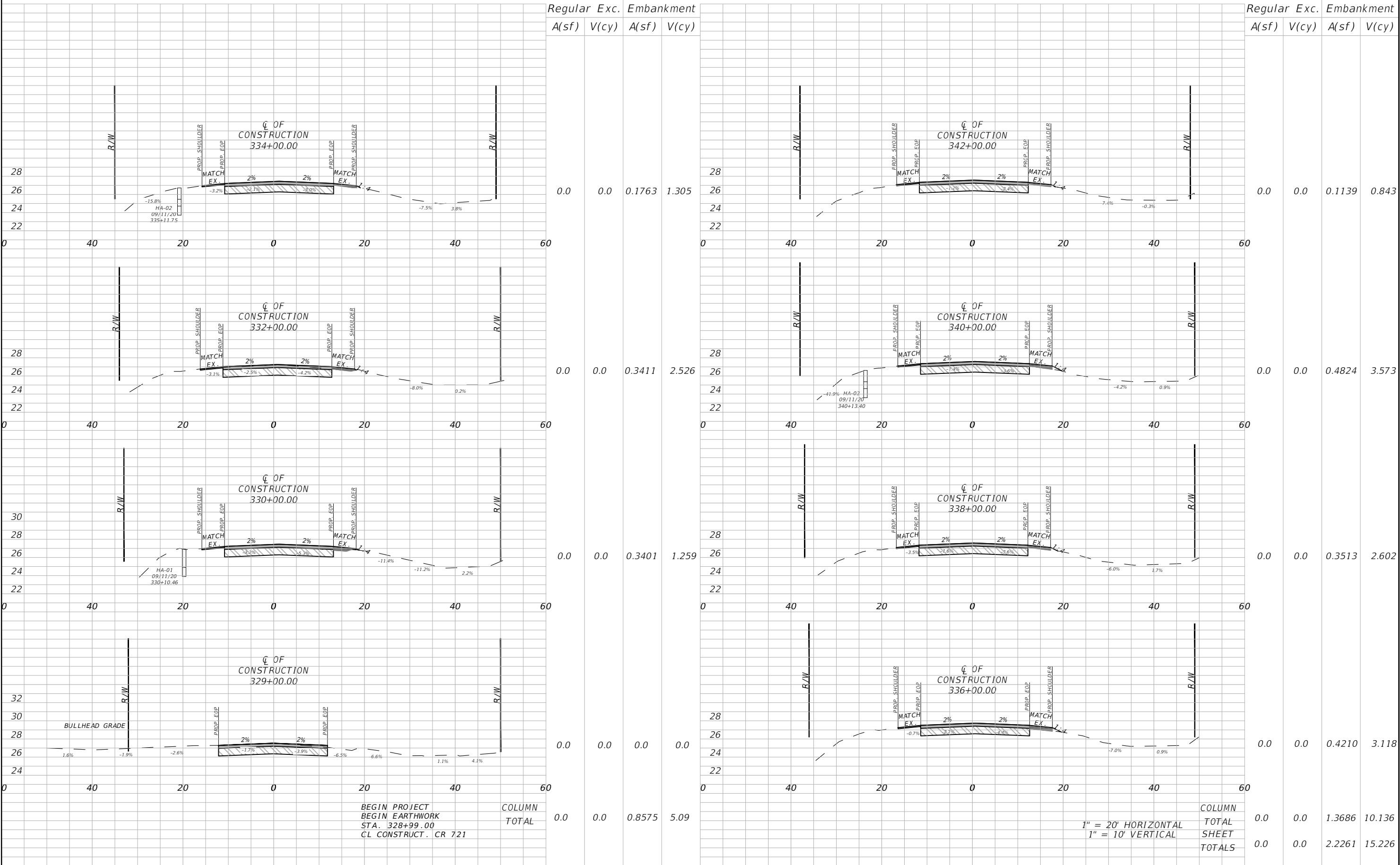
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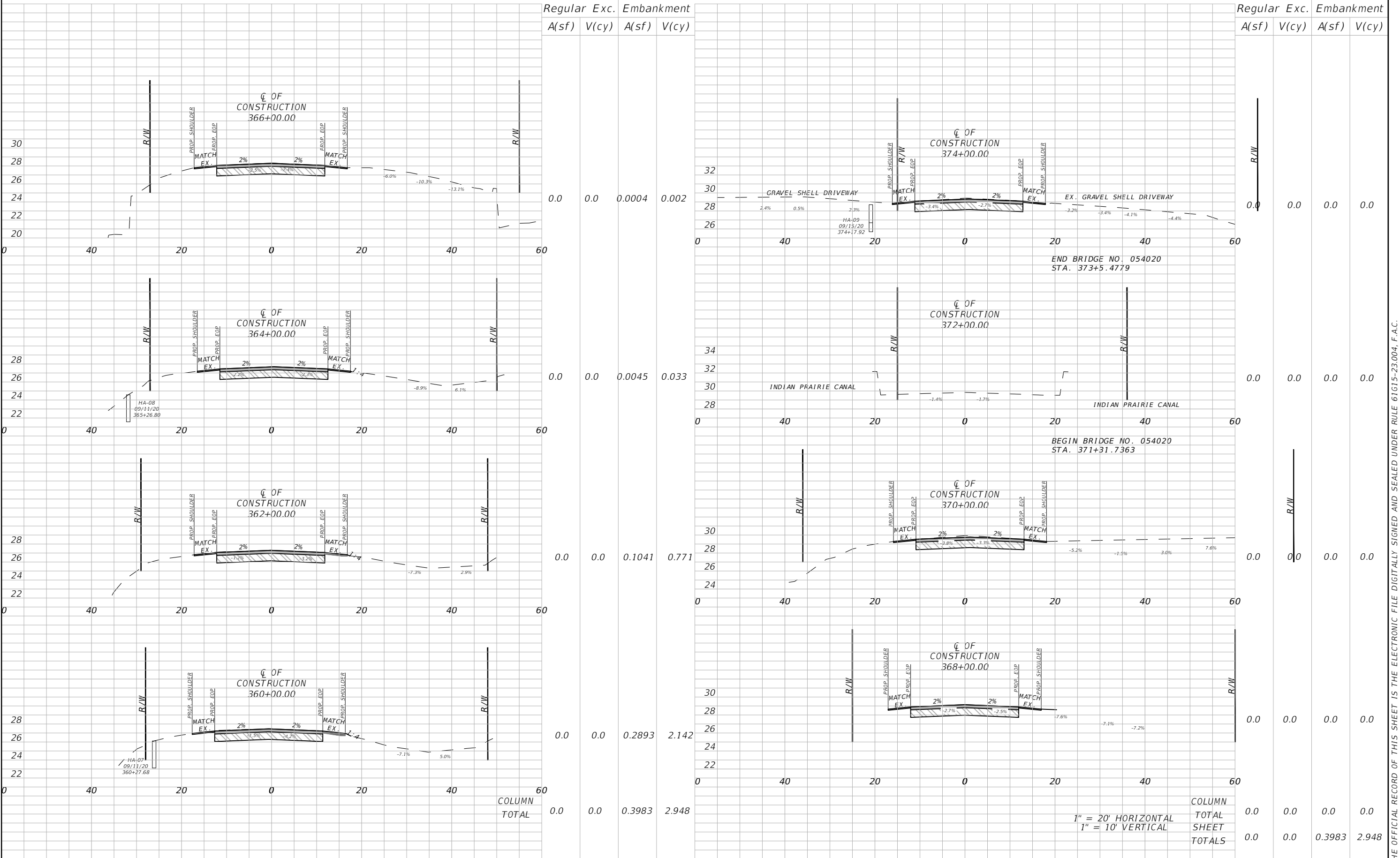
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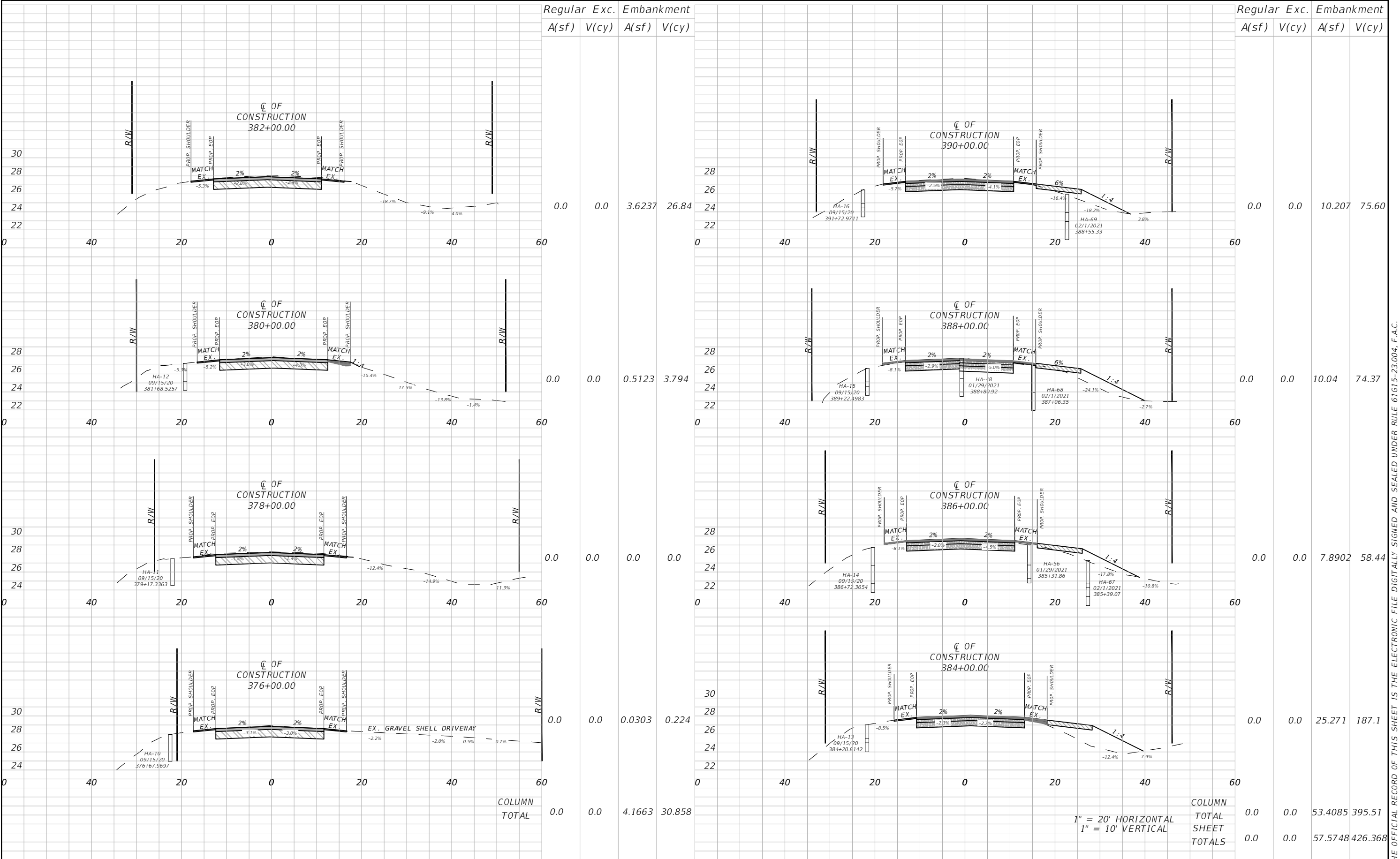
REVISIONS				AIM ENGINEERING & SURVEYING, INC. ALEX RAMOS, P.E. P.E. LICENSE NUMBER 96905 2161 FOWLER ST. FORT MYERS, FL. 33901 CERTIFICATE OF AUTHORIZATION 3114	CR 721 FROM BULLHEAD GRADE TO HIGHLANDS COUNTY LINE			ROADWAY PLANS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		GLADES COUNTY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		26
					G1G69	GLADES	438573-1-54-01		



REVISIONS				AIM ENGINEERING & SURVEYING, INC. ALEX RAMOS, P.E. P.E. LICENSE NUMBER 96905 2161 FOWLER ST. FORT MYERS, FL. 33901 CERTIFICATE OF AUTHORIZATION 3114			CR 721 FROM BULLHEAD GRADE TO HIGHLANDS COUNTY LINE			CROSS SECTIONS		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION									
												27



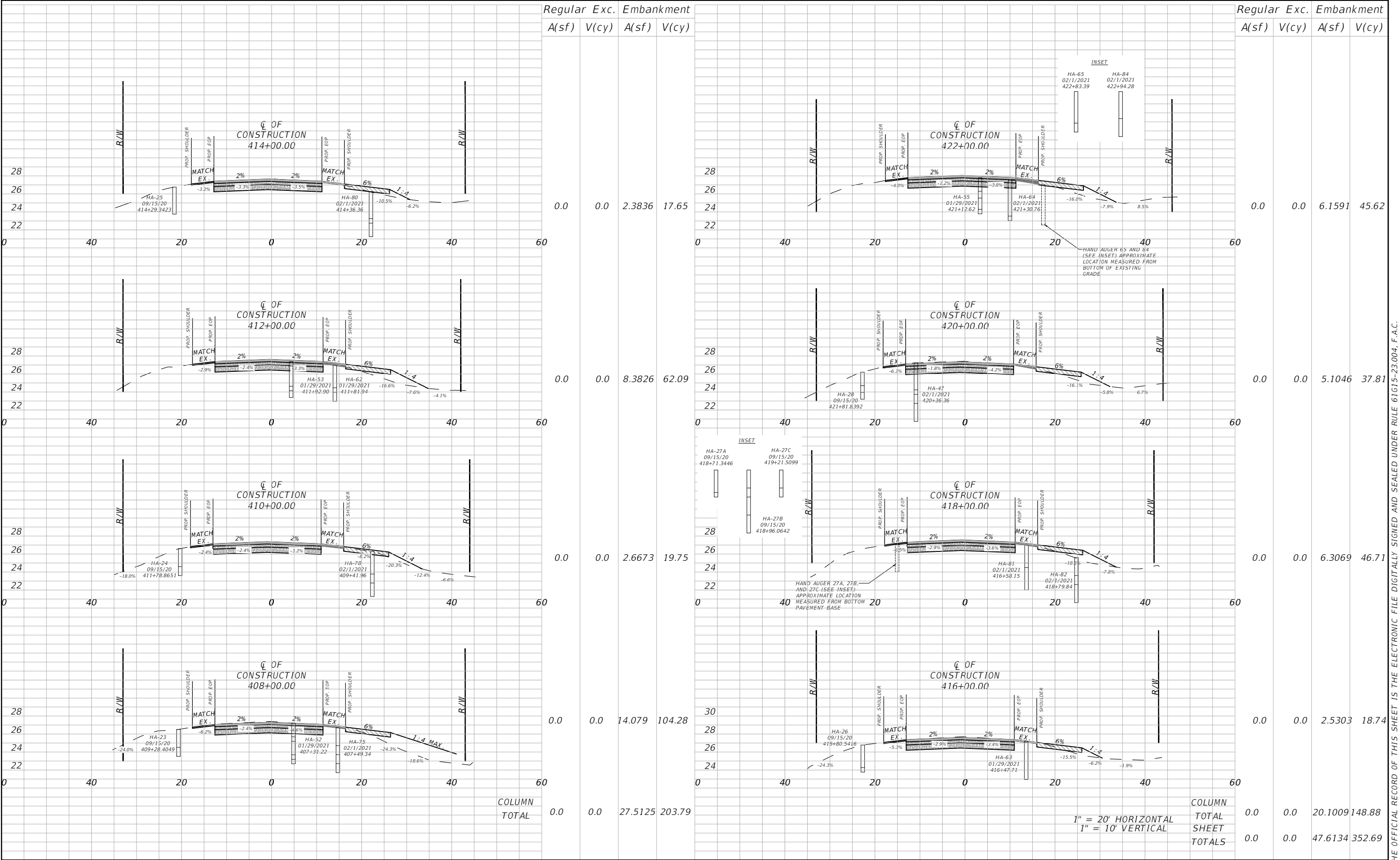
REVISIONS				AIM ENGINEERING & SURVEYING, INC. ALEX RAMOS, P.E. P.E. LICENSE NUMBER 96905 2161 FOWLER ST. FORT MYERS, FL. 33901 CERTIFICATE OF AUTHORIZATION 3114	CR 721 FROM BULLHEAD GRADE TO HIGHLANDS COUNTY LINE			CROSS SECTIONS	SHEET NO.	
DATE	DESCRIPTION		DATE		DESCRIPTION		GLADES COUNTY PROJECT NO.		COUNTY	FINANCIAL PROJECT ID
							G1G69		GLADES	438573-1-54-01



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				Regular	Exc.	Embankment						Regular	Exc.	Embankment	
				A(sf)	V(cy)	A(sf)	V(cy)					A(sf)	V(cy)	A(sf)	V(cy)
				0.0	0.0	3.1105	23.04					0.0	0.0	15.2364	113.03
				0.0	0.0	2.2560	16.71					0.0	0.0	8.2905	61.41
				0.0	0.0	1.8587	13.76					0.0	0.0	5.2459	38.85
				0.0	0.0	4.8824	36.16					0.0	0.0	6.9431	51.43
COLUMN TOTAL				0.0	0.0	12.1076	89.67	COLUMN TOTAL				0.0	0.0	35.7159	264.72
SHEET TOTALS				0.0	0.0	47.8235	354.40	SHEET TOTALS				0.0	0.0	47.8235	354.40

REVISIONS				AIM ENGINEERING & SURVEYING, INC. ALEX RAMOS, P.E. P.E. LICENSE NUMBER 96905 2161 FOWLER ST. FORT MYERS, FL. 33901 CERTIFICATE OF AUTHORIZATION 3114			CR 721 FROM BULLHEAD GRADE TO HIGHLANDS COUNTY LINE			CROSS SECTIONS		SHEET NO. 31
DATE	DESCRIPTION	DATE	DESCRIPTION				GLADES COUNTY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID			
							G1G69	GLADES	438573-1-54-01			



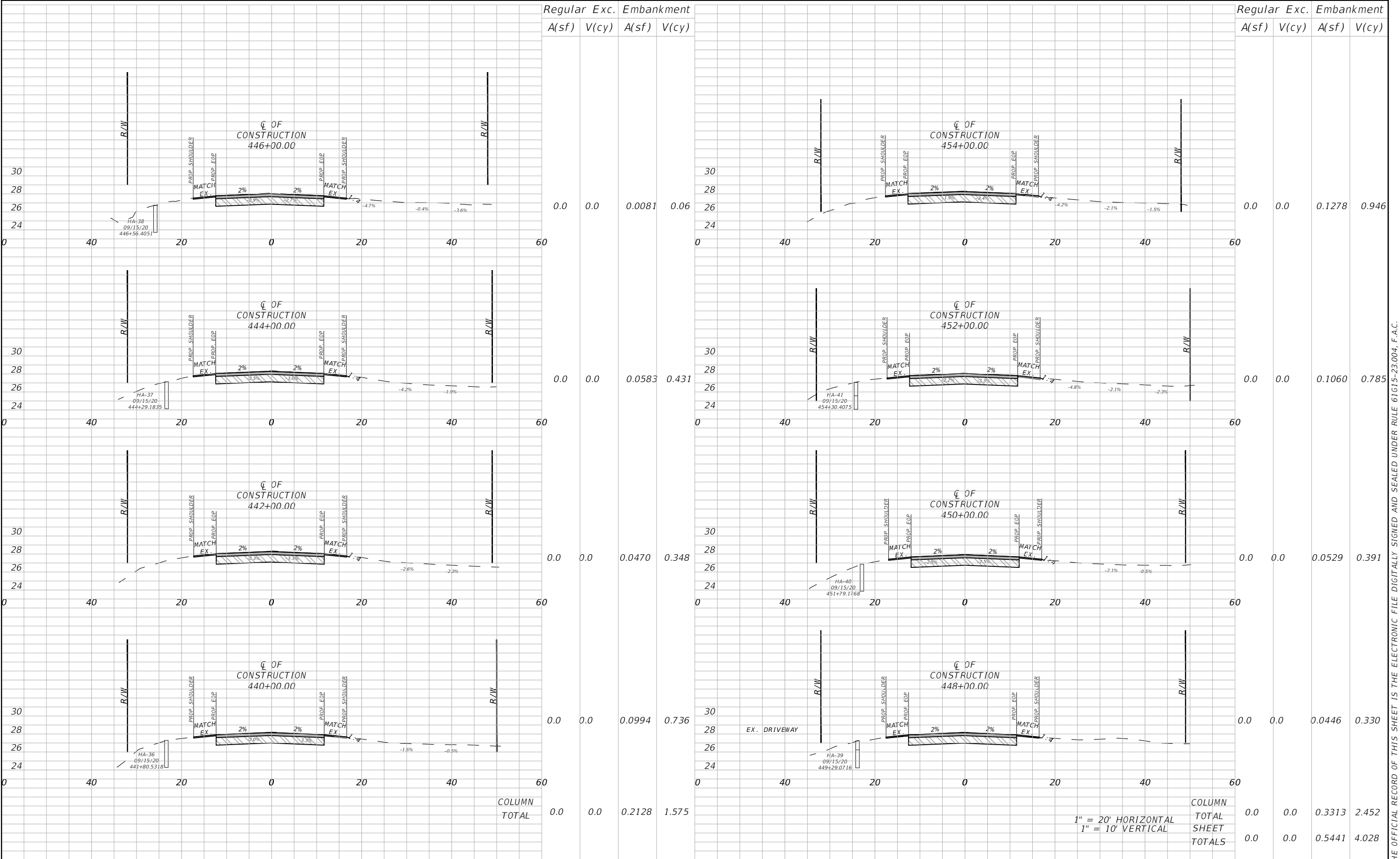
REVISIONS				CR 721 FROM BULLHEAD GRADE TO HIGHLANDS COUNTY LINE			CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	GLADES COUNTY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
				G1G69	GLADES	438573-1-54-01		32

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

				Regular Exc.		Embankment						Regular Exc.		Embankment			
				A(sf)	V(cy)	A(sf)	V(cy)					A(sf)	V(cy)	A(sf)	V(cy)		
30					0.0	0.0	0.123	0.911	30					0.0	0.0	0.0998	0.739
28																	
26																	
24																	
0	40	20	0	20	40	60		0	40	20	0	20	40	60			
30					0.0	0.0	0.1622	1.201	30					0.0	0.0	0.1469	1.088
28																	
26																	
24																	
0	40	20	0	20	40	60		0	40	20	0	20	40	60			
30					0.0	0.0	0.4283	3.172	30					0.0	0.0	0.0609	0.451
28																	
26																	
24																	
0	40	20	0	20	40	60		0	40	20	0	20	40	60			
28					0.0	0.0	0.8945	6.625	28					0.0	0.0	0.0789	0.584
26																	
24																	
22																	
0	40	20	0	20	40	60		0	40	20	0	20	40	60			
COLUMN TOTAL				0.0	0.0	1.608	11.909	1" = 20' HORIZONTAL 1" = 10' VERTICAL				0.0	0.0	0.3865	2.862		
								COLUMN SHEET TOTALS				0.0	0.0	1.9945	3.771		

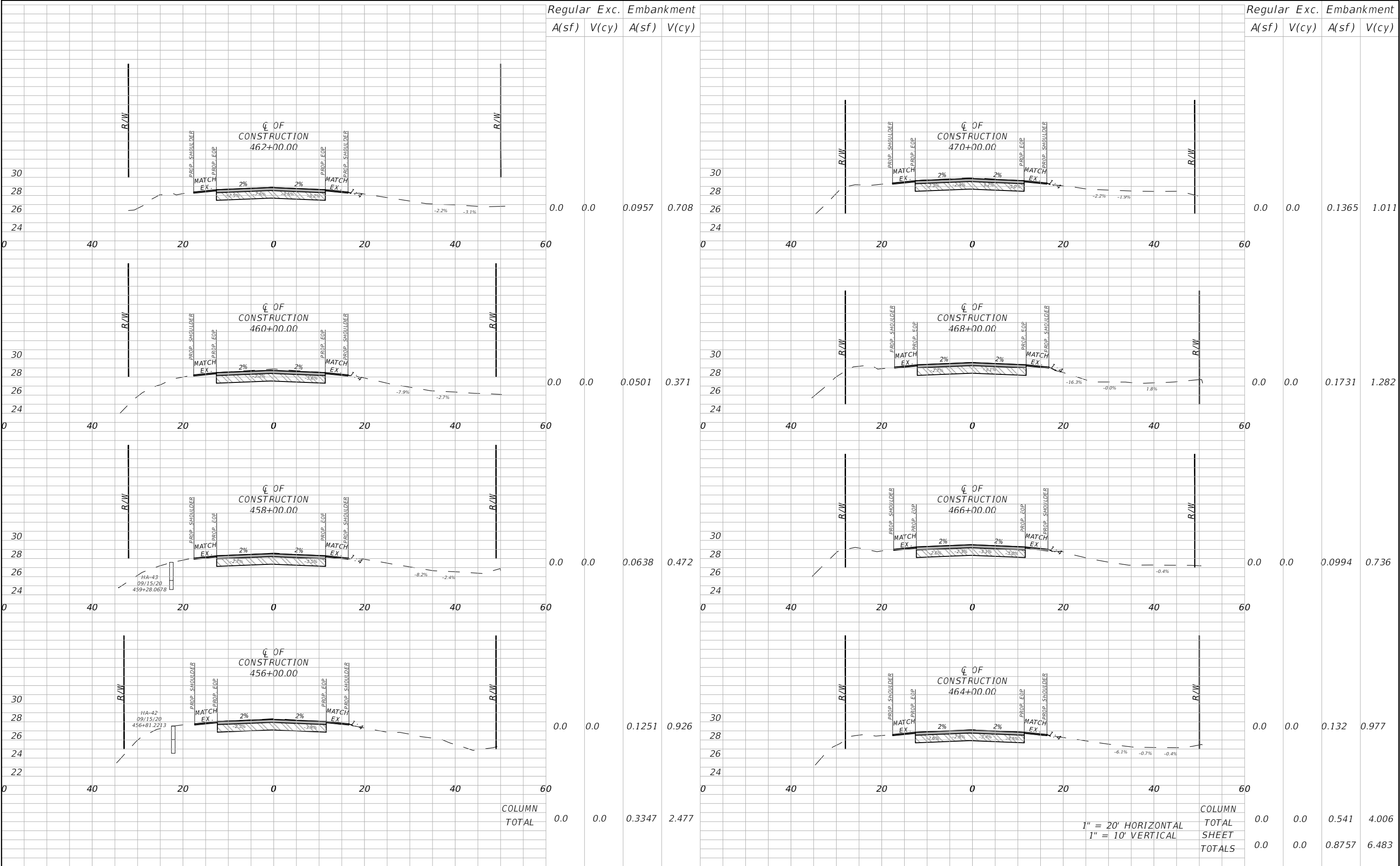
REVISIONS				AIM ENGINEERING & SURVEYING, INC. ALEX RAMOS, P.E. P.E. LICENSE NUMBER 96905 2161 FOWLER ST. FORT MYERS, FL 33901 CERTIFICATE OF AUTHORIZATION 3114	CR 721 FROM BULLHEAD GRADE TO HIGHLANDS COUNTY LINE			CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		GLADES COUNTY PROJECT NO. COUNTY FINANCIAL PROJECT ID				
					G1G69	GLADES	438573-1-54-01		33

AIM ENGINEERING & SURVEYING, INC.
ALEX RAMOS, P.E.
P.E. LICENSE NUMBER 96905
2161 FOWLER ST.
FORT MYERS, FL. 33901
CERTIFICATE OF AUTHORIZATION 3114

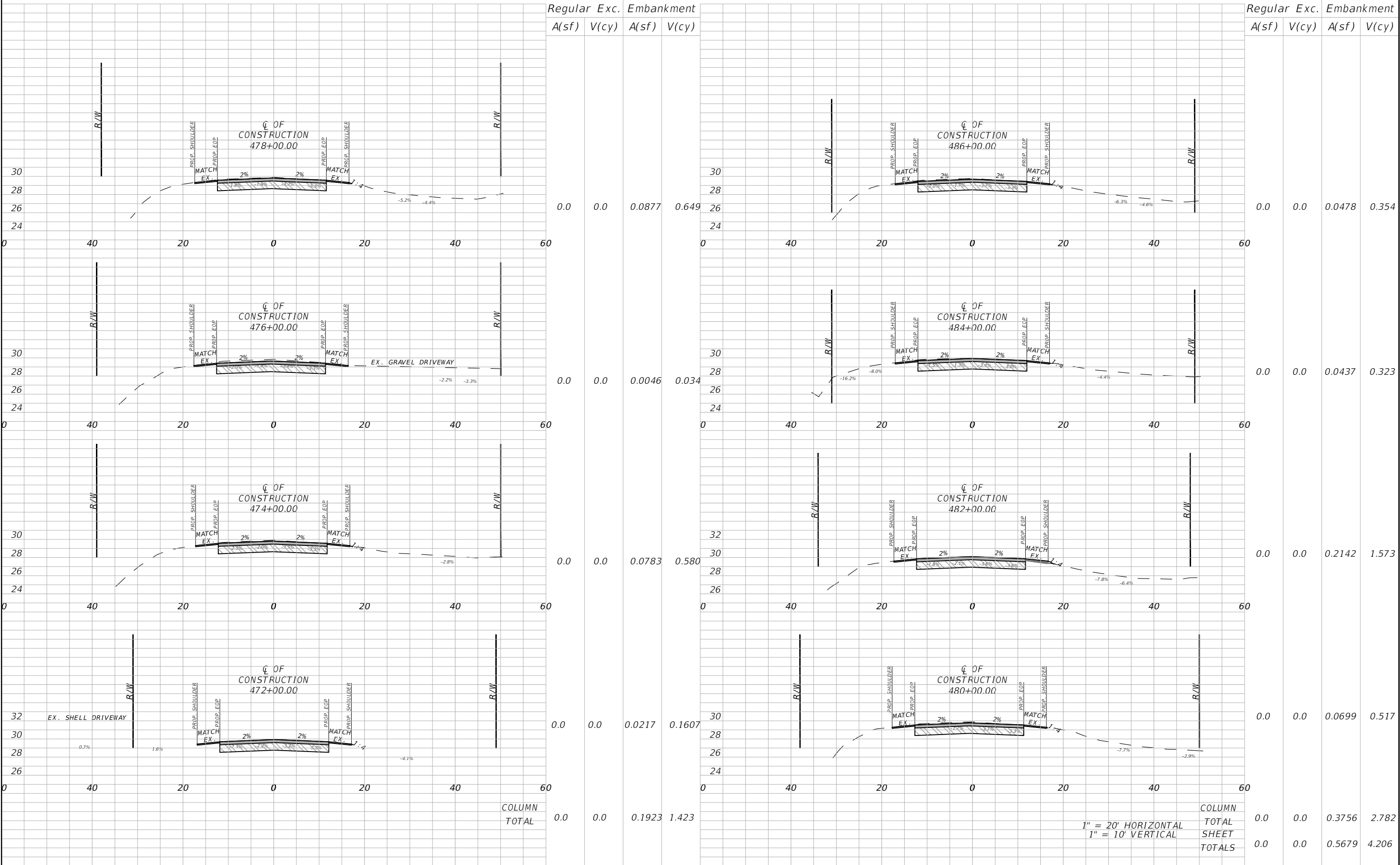


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DATE	DESCRIPTION	DATE	DESCRIPTION						
					GLADES COUNTY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
					G1G69	GLADES	438573-1-54-01		34

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

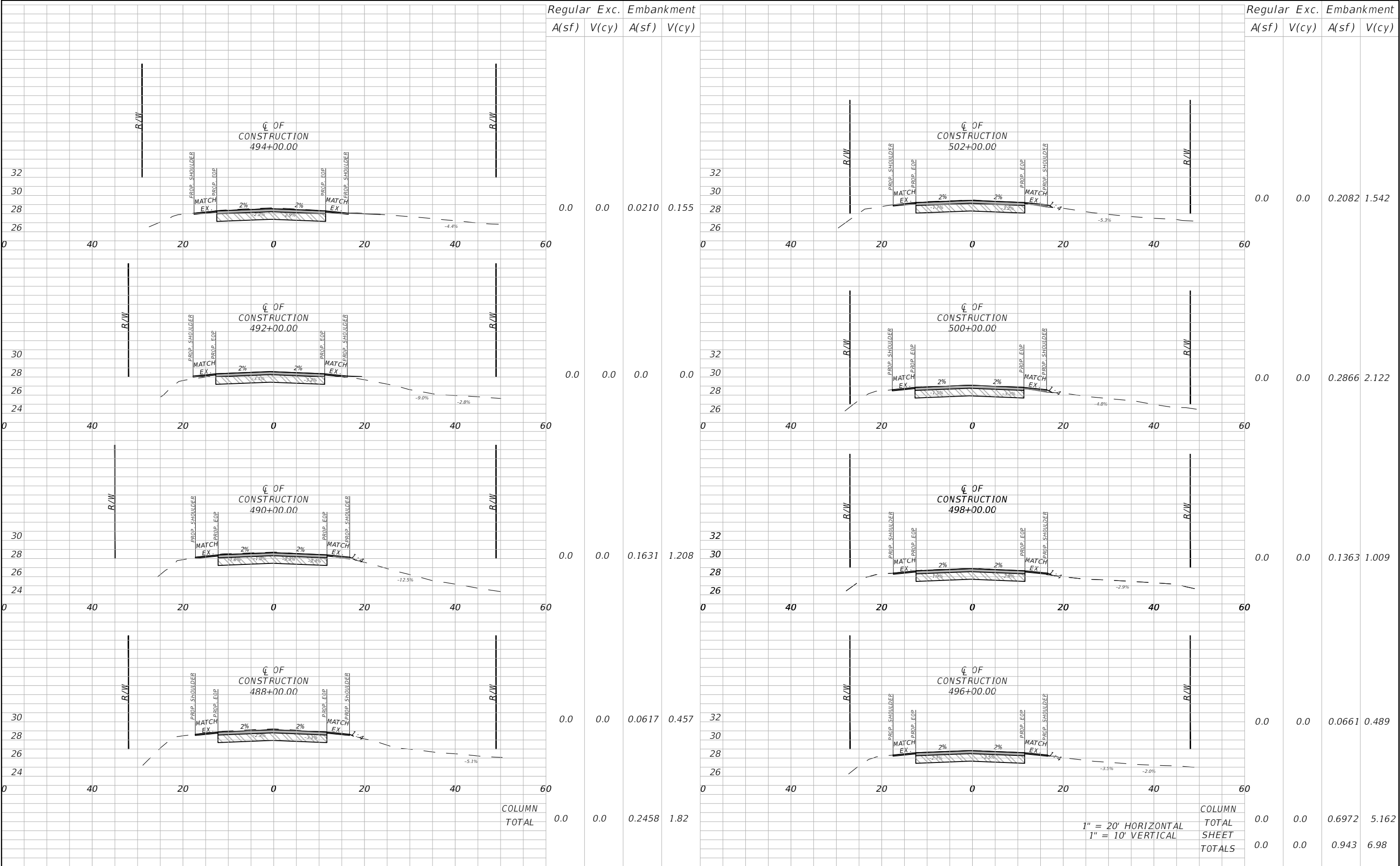


REVISIONS				AIM ENGINEERING & SURVEYING, INC. ALEX RAMOS, P.E. P.E. LICENSE NUMBER 96905 2161 FOWLER ST. FORT MYERS, FL. 33901 CERTIFICATE OF AUTHORIZATION 3114	CR 721 FROM BULLHEAD GRADE TO HIGHLANDS COUNTY LINE			CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION		DATE		GLADES COUNTY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
					G1G69	GLADES	438573-1-54-01		35



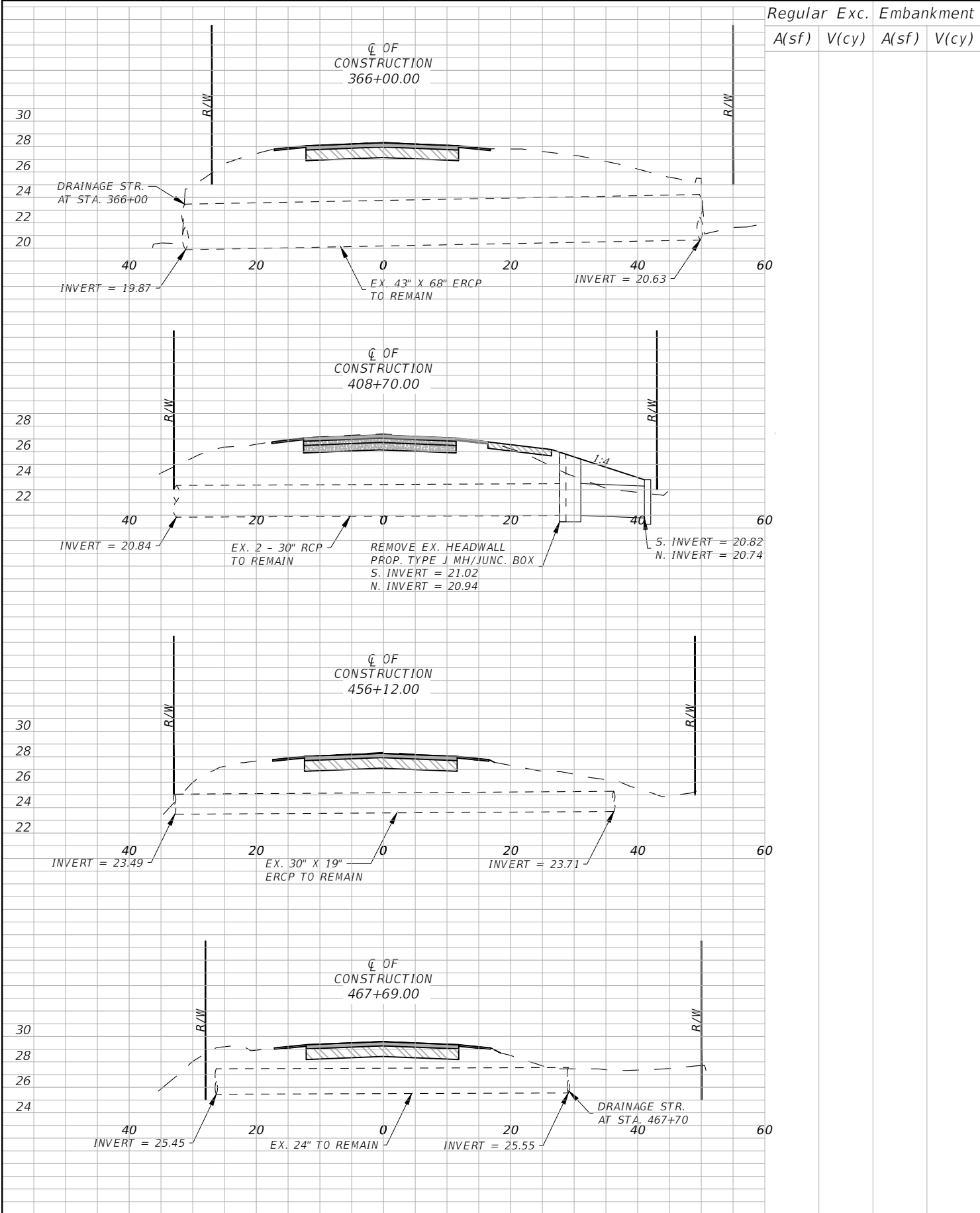
REVISIONS				AIM ENGINEERING & SURVEYING, INC. ALEX RAMOS, P.E. P.E. LICENSE NUMBER 96905 2161 FOWLER ST. FORT MYERS, FL 33901 CERTIFICATE OF AUTHORIZATION 3114	CR 721 FROM BULLHEAD GRADE TO HIGHLANDS COUNTY LINE			CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		GLADES COUNTY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		36
					G1G69	GLADES	438573-1-54-01		

AIM ENGINEERING & SURVEYING, INC.
ALEX RAMOS, P.E.
P.E. LICENSE NUMBER 96905
2161 FOWLER ST.
FORT MYERS, FL. 33901
CERTIFICATE OF AUTHORIZATION 3114



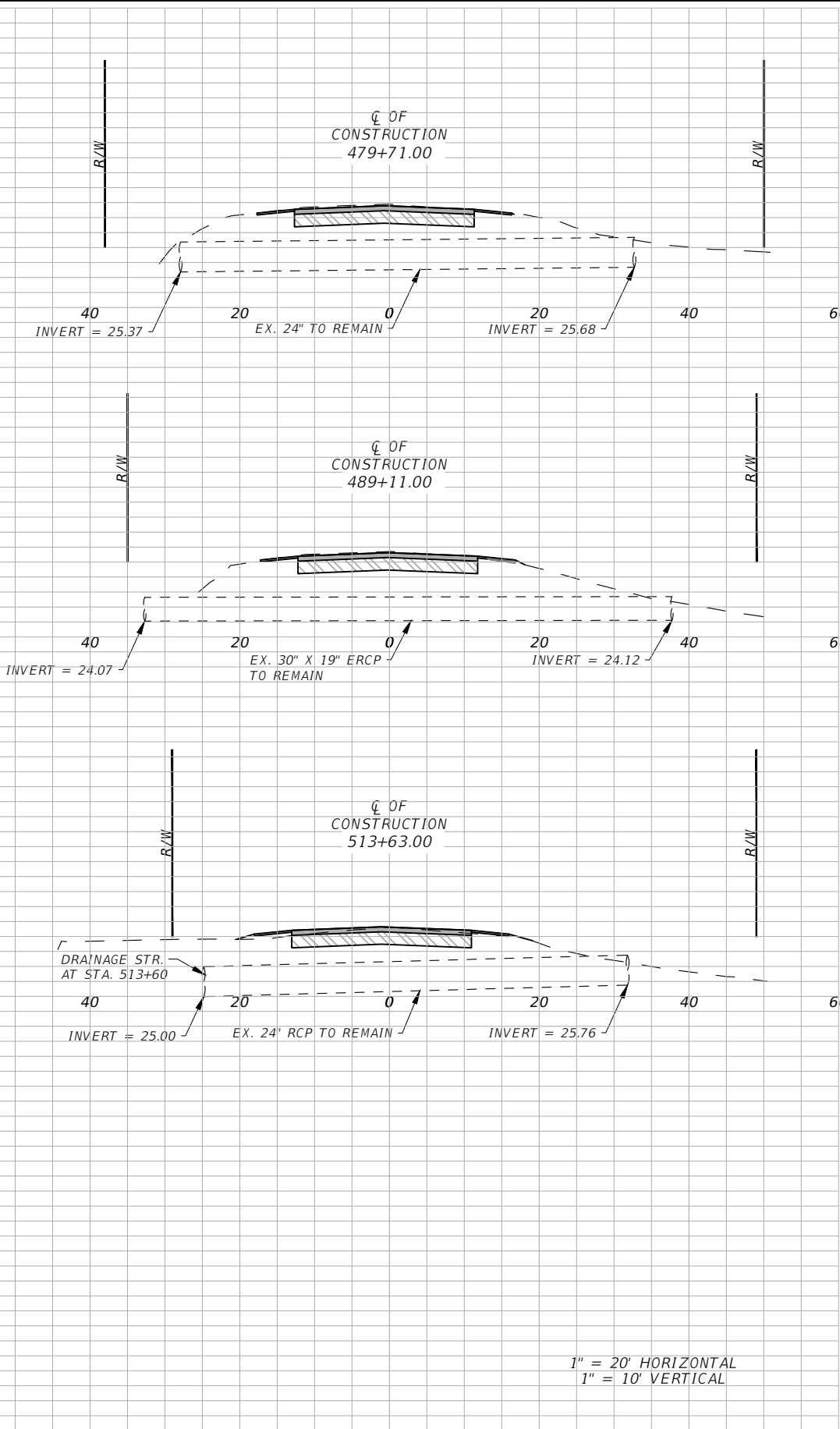
REVISIONS				CR 721 FROM BULLHEAD GRADE TO HIGHLANDS COUNTY LINE			CROSS SECTIONS		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION						
				GLADES COUNTY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID			
				G1G69	GLADES	438573-1-54-01			37

AIM ENGINEERING & SURVEYING, INC.
ALEX RAMOS, P.E.
P.E. LICENSE NUMBER 96905
2161 FOWLER ST.
FORT MYERS, FL. 33901
CERTIFICATE OF AUTHORIZATION 3114



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AIM ENGINEERING & SURVEYING, INC.
ALEX RAMOS, P.E.
P.E. LICENSE NUMBER 96905
2161 FOWLER ST.
FORT MYERS, FL. 33901
CERTIFICATE OF AUTHORIZATION 3114

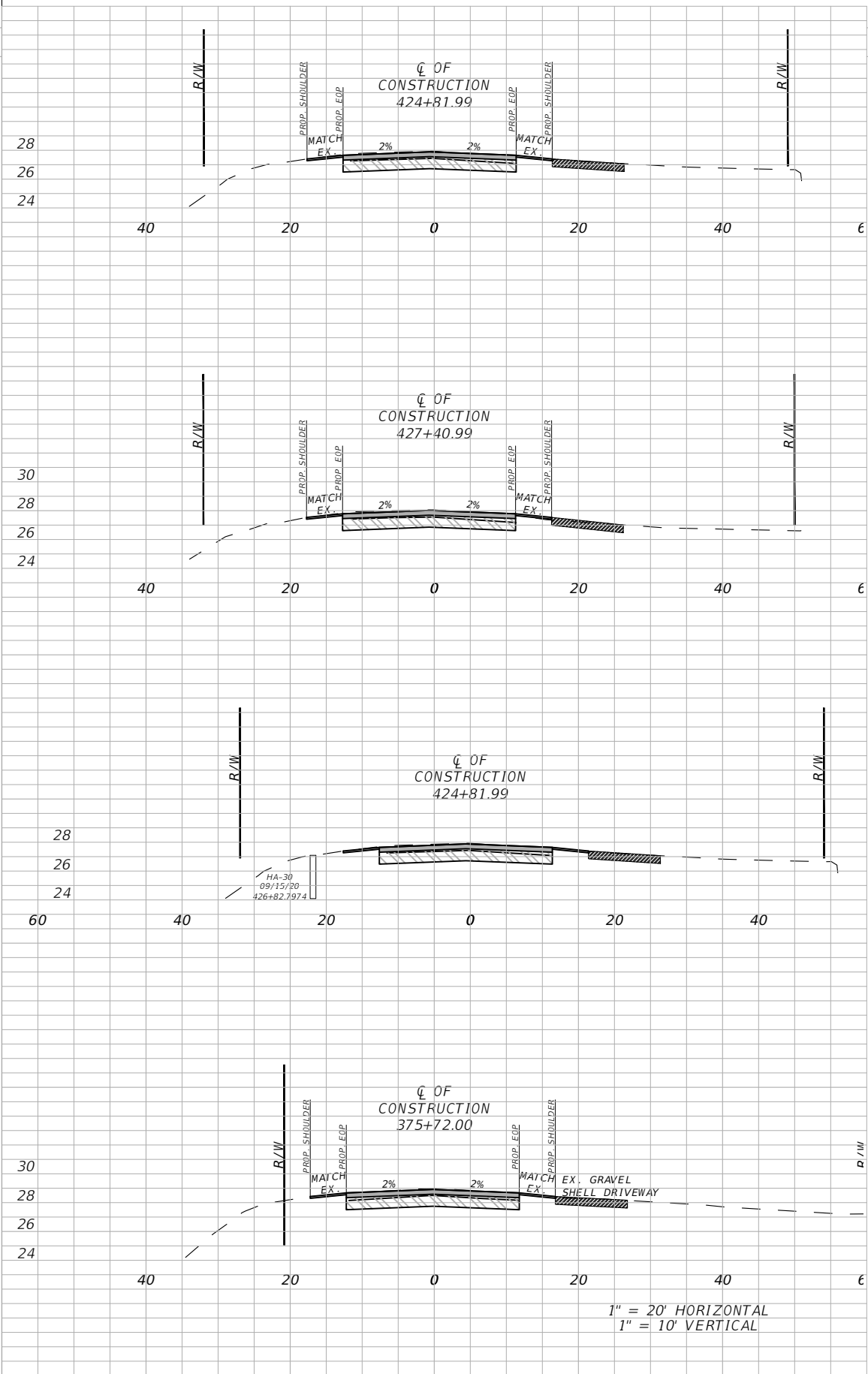
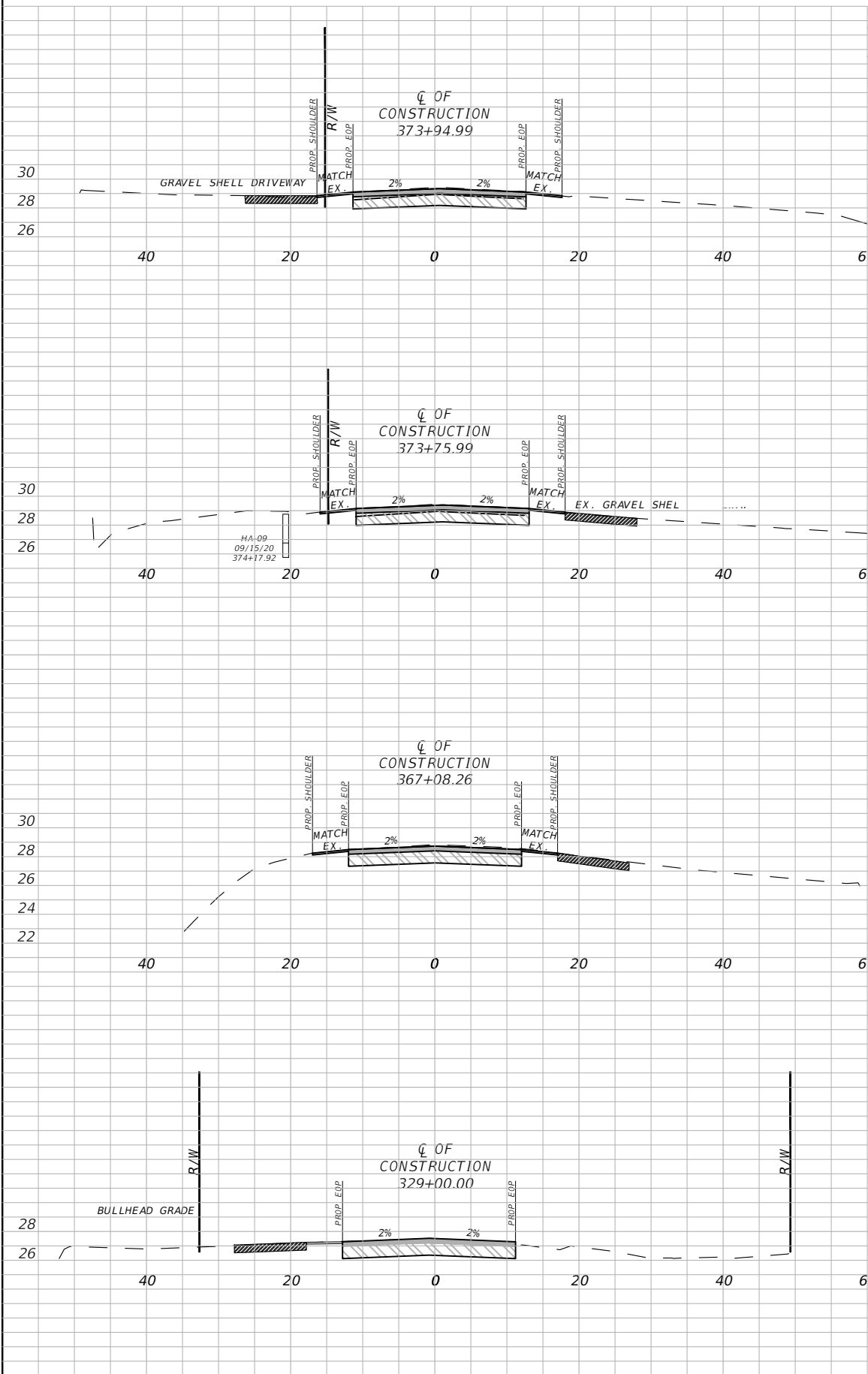


CR 721 FROM BULLHEAD GRADE TO HIGHLANDS COUNTY LINE		
GLADES COUNTY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
G1G69	GLADES	438573-1-54-01

**DRAINAGE CROSS
SECTIONS**

SHEET NO.
39

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

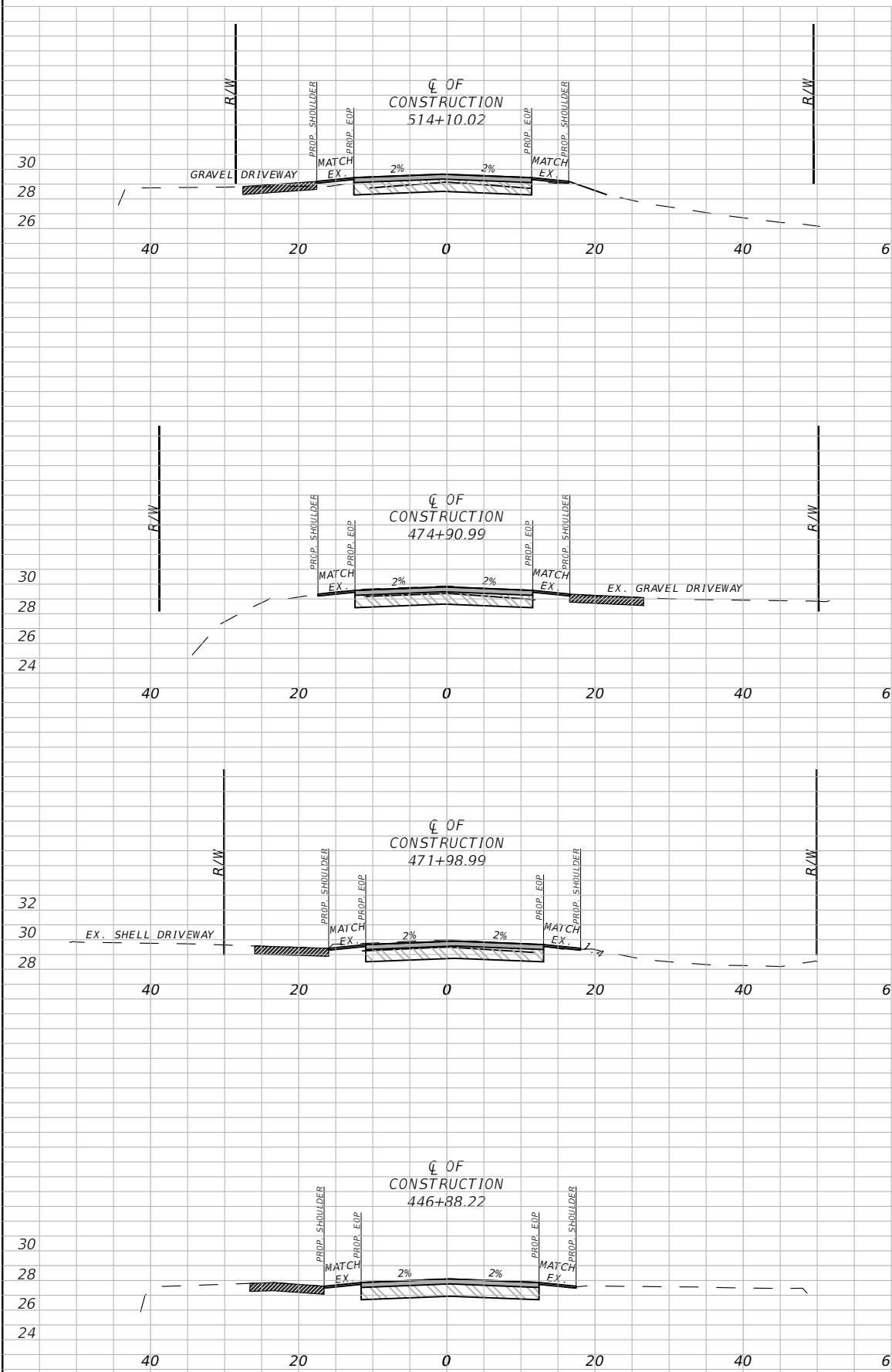
AIM ENGINEERING & SURVEYING, INC.
ALEX RAMOS, P.E.
P.E. LICENSE NUMBER 96905
2161 FOWLER ST.
FORT MYERS, FL. 33901
CERTIFICATE OF AUTHORIZATION 3114

CR 721 FROM BULLHEAD GRADE TO HIGHLANDS COUNTY LINE		
GLADES COUNTY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
G1G69	GLADES	438573-1-54-01

DRIVEWAY CROSS SECTIONS	

SHEET NO.
40

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1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AIM ENGINEERING & SURVEYING, INC.
ALEX RAMOS, P.E.
P.E. LICENSE NUMBER 96905
2161 FOWLER ST.
FORT MYERS, FL. 33901
CERTIFICATE OF AUTHORIZATION 3114

CR 721 FROM BULLHEAD GRADE TO HIGHLANDS COUNTY LINE		
GLADES COUNTY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
G1G69	GLADES	438573-1-54-01

DRIVEWAY CROSS SECTIONS	

SHEET NO.
41

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES										
LOCATION			SIDE	AREA ID	SEDIMENT BARRIER		FLOATING TURBIDITY BARRIER		DESIGN NOTES	CONSTRUCTION REMARKS
STA. TO STA.					0104 10 3		0104 11			
					LF		LF			
					P	F	P	F		
328+99	to	340+81	RT		10.0					
364+45	to	376+27	LT		20.0		43.0			
364+45	to	376+27	RT		60.0		33.0			
399+91	to	411+73	RT		20.0		17.0			
399+91	to	411+73	LT				43.0			
423+55	to	435+37	RT		40.0					
435+37	to	447+19	LT				27.0			
447+19	to	459+01	LT				70.0			
447+19	to	459+01	RT		35.0					
459+01	to	470+83	LT				34.0			
459+01	to	470+83	RT				35.0			
470+83	to	482+65	LT				68.0			
470+83	to	482+65	RT		20.0		35.0			
482+65	to	494+47	LT				36.0			
482+65	to	494+47	RT		35.0					
506+29	to	517+04.54	LT				111.0			
506+29	to	517+04.54	RT		35.0					
SUB-TOTAL:					275.0		552.0			
TOTAL:					275		552			

SUMMARY OF PERFORMANCE TURF												
LOCATION			SIDE	AREA ID	LENGTH	WIDTH	PERFORMANCE					
							TURF (SOD)		DESIGN	CONSTRUCTION		
STA. TO STA.							0570 1 2		NOTES		REMARKS	
							SY					
			P	F								
328+99.00	to	517+04.54	LT/RT				7457					
SUB-TOTAL :							7457.0					

SUMMARY OF LUMP SUM ITEMS					
PAY ITEM NO.	PAY ITEM DESCRIPTION	QUANTITY		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F		
101-1	Mobilization	1			
0102-1	Maintenance of Traffic	1		180 Days	
	Temporary Lane			10978 SY	
0102-71-16	Temporary Barrier, F&I, Free Standing			10100 LF	
0102-71-26	Temporary Barrier, Relocate Free Standing			10100 LF	
0102-89-1	Temporary Crash Cushion, Redirective Option			10 EA	
0102-99	Portable Changeable Message Sign, Temporary			ED	

SUMMARY OF EARTHWORK					
PAY ITEM NO.	PAY ITEM DESCRIPTION	CY		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F		
0120-1	Regular Excavation	4089			
0120-6	Embankment	1197			

REVISIONS				AIM ENGINEERING & SURVEYING, INC. ALEX RAMOS, P.E. P.E. LICENSE NUMBER 96905 2161 FOWLER ST. FORT MYERS, FL. 33901 CERTIFICATE OF AUTHORIZATION 3114	CR 721 FROM BULLHEAD GRADE TO HIGHLANDS COUNTY LINE			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION						
					GLADES COUNTY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
					G1G69	GLADES	438573-1-54-01		SQ-1

SUMMARY OF PAVEMENT														
PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	LENGTH	WIDTH	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA.	TO STA.						P	F	P	F		
0285-701	OPTIONAL BASE, BASE GROUP 01	384+00.00	to 422+00.00	LT/RT				SY	10133.00		10133			
0285-704	OPTIONAL BASE, BASE GROUP 04	329+00.00	to 517+04.54	LT/RT				SY	148.00		148.0			
0285-711	OPTIONAL BASE, BASE GROUP 11	384+00.00	to 422+00.00	LT/RT				SY	10133.00		10133			
0327-70-06	MILLING EXISTING ASPHALT PAVEMENT, 1 1/2" AVG DEPTH	329+00.00	to 517+04.54	LT/RT				SY	21179.00		21179			
0334-1-12	SUPERPAVE ASPHALTIC CONC, TRAFFIC B	329+00.00	to 517+04.54	LT/RT				TN	6368.00		6368.0			
0337-7-81	ASPHALT CONCRETE FRICTION COURSE,TRAFFIC B, FC-12.5	329+00.00	to 517+04.54	LT/RT				TN	5837.00		5837.0			
915-332-5	FULL DEPTH RECLAMATION (14")	328+99.00	to 371+31.7363	LT/RT				SY	14206.02		14206.0			
		373+5.4779	to 517+04.54						38551.46		38551.5			

SUMMARY OF GEOGRID MEMBRANE												
LOCATION			SIDE	AREA ID	LENGTH	WIDTH	GEOGRID MEMBRANE		GEOGRID MEMBRANE		DESIGN NOTES	CONSTRUCTION REMARKS
							0145 2 (NX850)		0145 2 (NX750)			
STA. TO STA.							SY		SY			
							P	F	P	F		
384+00.00	10	422+00.00	RT		3800	24	10133.3					
384+00.00	10	422+00.00	LT		3800	24			10133.3			
	10		RT									
	10		LT									
	10		RT									
	10		RT									
	10		RT									
	10		LT									
	10		RT									
	10		LT									
SUB-TOTAL:							10133.3		10133.3			
TOTAL:							20266.7					

SUMMARY OF MISCELLANEOUS ITEMS											
PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.				P	F	P	F		
0425-010	TYPE J MH/JUNC. BOX	399+91	to 411+73	RT	EA	1.0					
0430-530-200	STRAIGHT CONCRETE ENDWALLS, 30", DOUBLE, 0 DEGREES, ROUND	399+91	to 411+73	RT	EA	1.0					
0430-175-130	PIPE CULVERT, OPT MATERIAL, ROUND, 30" 5/CD	399+91	to 411+73	RT	LF	20.0					
0546-72-3	GROUND-IN RUMBLE STRIPS, 8" SINUSOIDAL	328+99	to 517+04.54	LT/RT	DM	7.071					

SUMMARY OF CLEARING AND GRUBBING & REMOVAL ITEMS														
PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION			SIDE	AREA ID	UNITS	SECONDARY UNITS (IF LUMP SUM)	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.						AREA (AC)	P	F	P	F		
0110-1-1	Clearing & Grubbing	384+00	to	422+00			LS	2.20						

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DATE	DESCRIPTION	DATE	DESCRIPTION		GLADES COUNTY PROJECT NO.		COUNTY		
					G1G69		GLADES	FINANCIAL PROJECT ID	
								438573-1-54-01	SQ-2

GENERAL NOTES:

1. THE CONTRACTOR SHALL ADHERE TO THE MAINTENANCE OF TRAFFIC REQUIREMENTS SET FORTH IN "THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD) LATEST EDITION, SERIES 600 INDEXES OF THE FDOT "STANDARD PLANS" (FY 2024-2025), AND SECTION 102 OF THE FDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".
2. THE EXISTING POSTED SPEED LIMIT OF 40 MPH SHALL BE REDUCED TO 35 MPH DURING CONSTRUCTION ACTIVITIES. SEE SPEED LIMIT DETAIL DURING CONSTRUCTION.
3. MINIMUM TRAVEL LANE WIDTHS SHALL BE NO LESS THAN 10 FEET.
4. TRAVEL LANES SHALL BE PROVIDED ON PAVED SURFACES ONLY.
5. THE TRAFFIC AND TRAVEL WAYS SHALL NOT BE ALTERED TO CREATE A WORK ZONE UNTIL ALL LABOR AND MATERIAL ARE AVAILABLE FOR THE CONSTRUCTION IN THAT AREA.
6. THE CONTRACTOR SHALL NOT EXCAVATE OR CREATE ANY AREAS THAT CANNOT BE SAFELY REOPENED TO TRAFFIC WITHIN THE SAME WORK PERIOD. COMPLY WITH FDOT INDEX 102-600 (SHEET 8 OF 11) REGARDING DROP-OFF CONDITIONS.
7. ANY EXISTING SIGN TO REMAIN THAT IS DISTURBED DURING CONSTRUCTION SHALL BE RESET TO CURRENT STANDARDS FOR HEIGHT, OFFSET, AND METHOD OF INSTALLATION.

LANE CLOSURE NOTES:

1. THE LENGTH OF THE LANE CLOSURE IS PREDICATED ON THE ABILITY OF THE CONTRACTOR TO SAFELY REOPEN THE LANE TO TRAVEL (BEFORE SUNSET) AT THE END OF EACH WORK PERIOD DAY AND COMPLY WITH FDOT INDEX 102-600 TO PROVIDE DROP-OFF PROTECTION.
2. OTHER THAN NOTE 1 REQUIREMENTS ABOVE AND NOTE 3 BELOW, THERE ARE NO OTHER RESTRICTIONS ON THE TIME PERIODS OF LANE CLOSURES.
3. THE COUNTY RESERVES THE RIGHT TO MODIFY PREVIOUSLY APPROVED OR SPECIFIED TIMES OF CLOSURES WHEN, IN THE OPINION OF THE ENGINEER, IT BECOMES NECESSARY TO DO SO.
4. CONTRACTOR MUST PROVIDE NOTIFICATION TO LAW ENFORCEMENT AGENCIES, LOCAL FIRE DEPARTMENTS AND EMERGENCY MEDICAL SERVICES FOR LANE CLOSURES IN EXCESS OF TWO (2) HOURS IN DURATION.
5. THE USE OF TEMPORARY TRAFFIC CONTROL SIGNALS SHALL BE PERMITTED ONLY UPON WRITTEN APPROVAL BY THE OWNER AND ENGINEER. TEMPORARY TRAFFIC CONTROL SIGNALS SHALL COMPLY WITH FDOT STANDARD SPECIFICATIONS SECTION 102, AND SIGNAL TIMING SHALL BE APPROVED BY A TRAFFIC SIGNAL ENGINEER LICENSED IN THE STATE OF FLORIDA.

CONSTRUCTION PHASING NOTES UTILIZING FDOT STANDARD PLANS INDEX NO.102-100, 102-603, 102-606, 102-607, 102-608

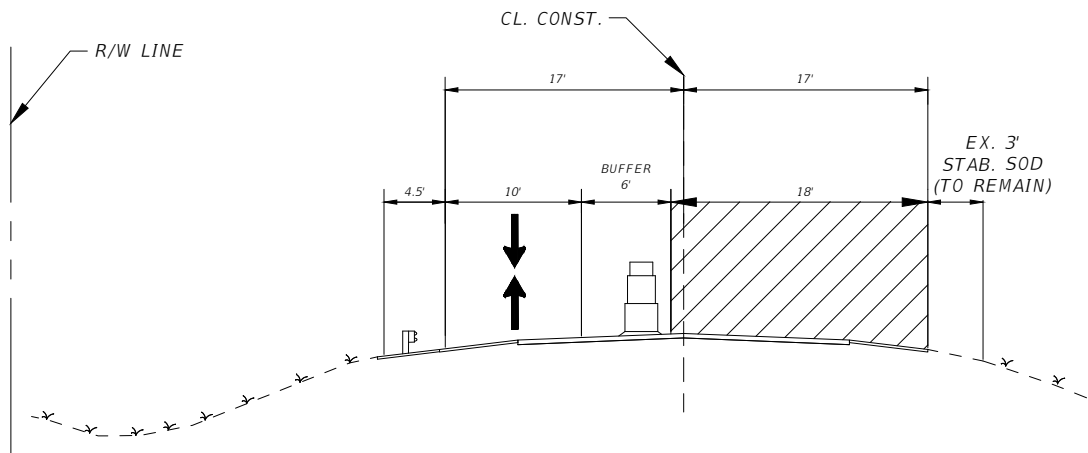
PHASE I CR 721 - FULL DEPTH RECLAMATION SINGLE LANE AT A TIME:

1. INSTALL ADVANCE WARNING SIGNS AND CHANNELIZING DEVICES PER INDEX 102-603. PLACE SIGNS W8-11 "UNEVEN LANES" AS APPROPRIATE. REMOVE CONFLICTING MARKINGS AND SIGNS IN ACCORDANCE WITH THE APPROPRIATE DESIGN STANDARD INDEX.
2. PROVIDE ONE 10 FOOT WIDE LANE FOR 2-WAY TRAVEL USING FLAGMEN.
3. INSTALL EROSION CONTROL DEVICES.
4. CONSTRUCT FULL DEPTH RECLAMATION IN ACCORDANCE WITH THE LANE CLOSURE REQUIREMENTS.
5. MILL RECLAIMED BASE MATERIAL AND PLACE TYPE SP STRUCTURAL COURSE IN ACCORDANCE WITH THE LANE CLOSURE REQUIREMENTS.
6. PLACE FRICTION COURSE IN ACCORDANCE WITH THE LANE CLOSURE REQUIREMENTS.
7. PROVIDE ASPHALT WEDGE (MINIMUM 10 FEET TRANSITION LENGTH) AT WEST AND EAST ENDS OF WORK ZONE TO CONNECT TO EXISTING/CONSTRUCTED PAVEMENT ELEVATIONS.
8. PLACE TEMPORARY STRIPING AND REOPEN ALL LANES TO TRAVEL.
9. PLACE FINAL STRIPING AND SIGNAGE.

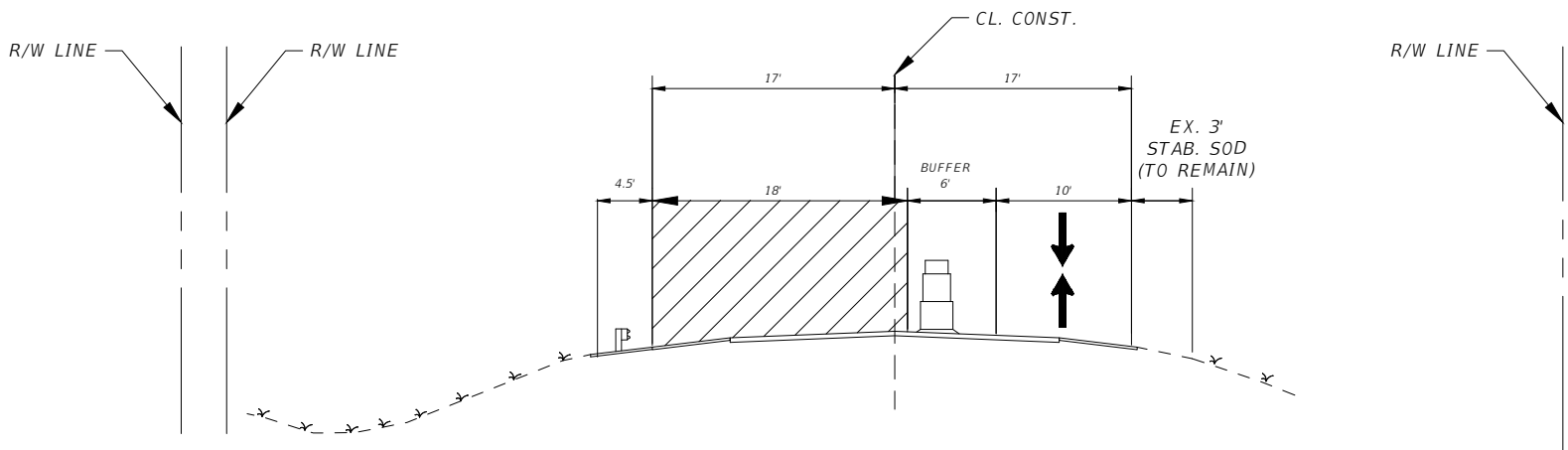
PHASE II CR 721 - ROAD RECONSTRUCTION SINGLE LANE AT A TIME:

1. MAINTAIN ADVANCE WARNING SIGNS AND CHANNELIZING DEVICES PER INDEX 102-603. PLACE SIGNS W8-11 "UNEVEN LANES" AS APPROPRIATE. REMOVE CONFLICTING MARKINGS AND SIGNS IN ACCORDANCE WITH THE APPROPRIATE DESIGN STANDARD INDEX.
2. MAINTAIN EROSION CONTROL DEVICES.
3. PLACE TEMPORARY BARRIER WALL IN THE ACTIVE WORK AREA PER STANDARD PLANS 102-100 AND 102-600.
4. PROVIDE ONE 10 FOOT WIDE GRADED LANE FOR 2 WAY TRAVEL USING A COMBINATION OF A FLAGGER AND TEMPORARY PORTABLE TRAFFIC SIGNAL LOCATED PRIOR TO THE ACTIVE WORK AREA.
5. REMOVE EXISTING PAVEMENT STRUCTURE, PLACE OPTIONAL BASE GROUP, GEOTEXTILE INTERLAYER, AND TYPE SP STRUCTURAL COURSE WITHIN THE ACTIVE WORK AREA.
6. PLACE TEMPORARY STRIPING, REMOVE TEMPORARY BARRIER WALL, AND REOPEN THE TRAVEL LANES FOR TWO WAY TRAFFIC.
7. PLACE FRICTION COURSE UTILIZING STANDARD PLAN 102-603 AND IN ACCORDANCE THE LANE CLOSURE REQUIREMENTS.
8. PLACE FINAL STRIPING AND SIGNAGE.

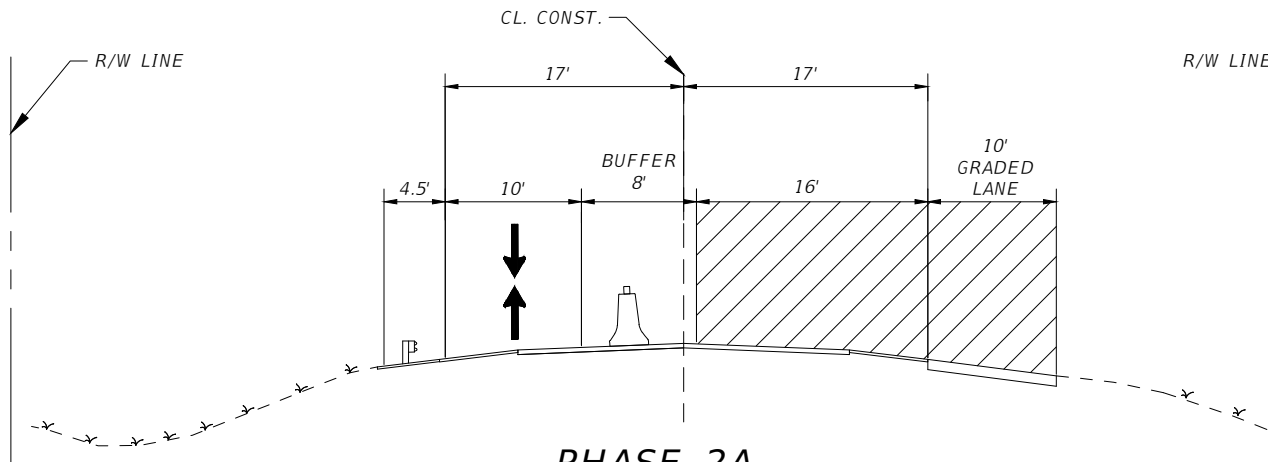
R E V I S I O N S				CR 721 FROM BULLHEAD GRADE TO HIGHLANDS COUNTY LINE			TTCP GENERAL NOTES		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION						
				GLADES COUNTY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID			
				G1G69	GLADES	438573-1-54-01	TTC-1		



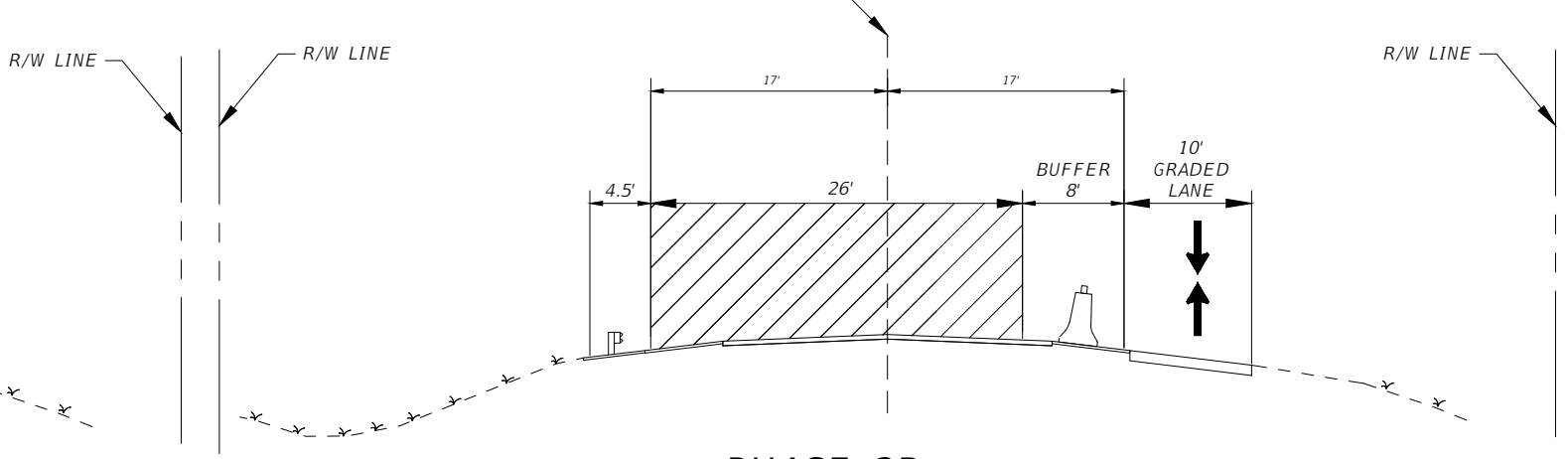
PHASE 1A
MAINTAIN ONE LANE OF TRAFFIC, INDEX 102-603
(FOR NORTHBOUND AND SOUTHBOUND)



PHASE 1B
MAINTAIN ONE LANE OF TRAFFIC, INDEX 102-603
(FOR NORTHBOUND AND SOUTHBOUND)



PHASE 2A
MAINTAIN ONE LANE OF TRAFFIC, INDEX 102
(SOUTHBOUND LANE OPEN FOR TRAFFIC)



PHASE 2B
MAINTAIN ONE LANE OF TRAFFIC, INDEX 102
(10' GRADED LANE OPEN FOR TRAFFIC)

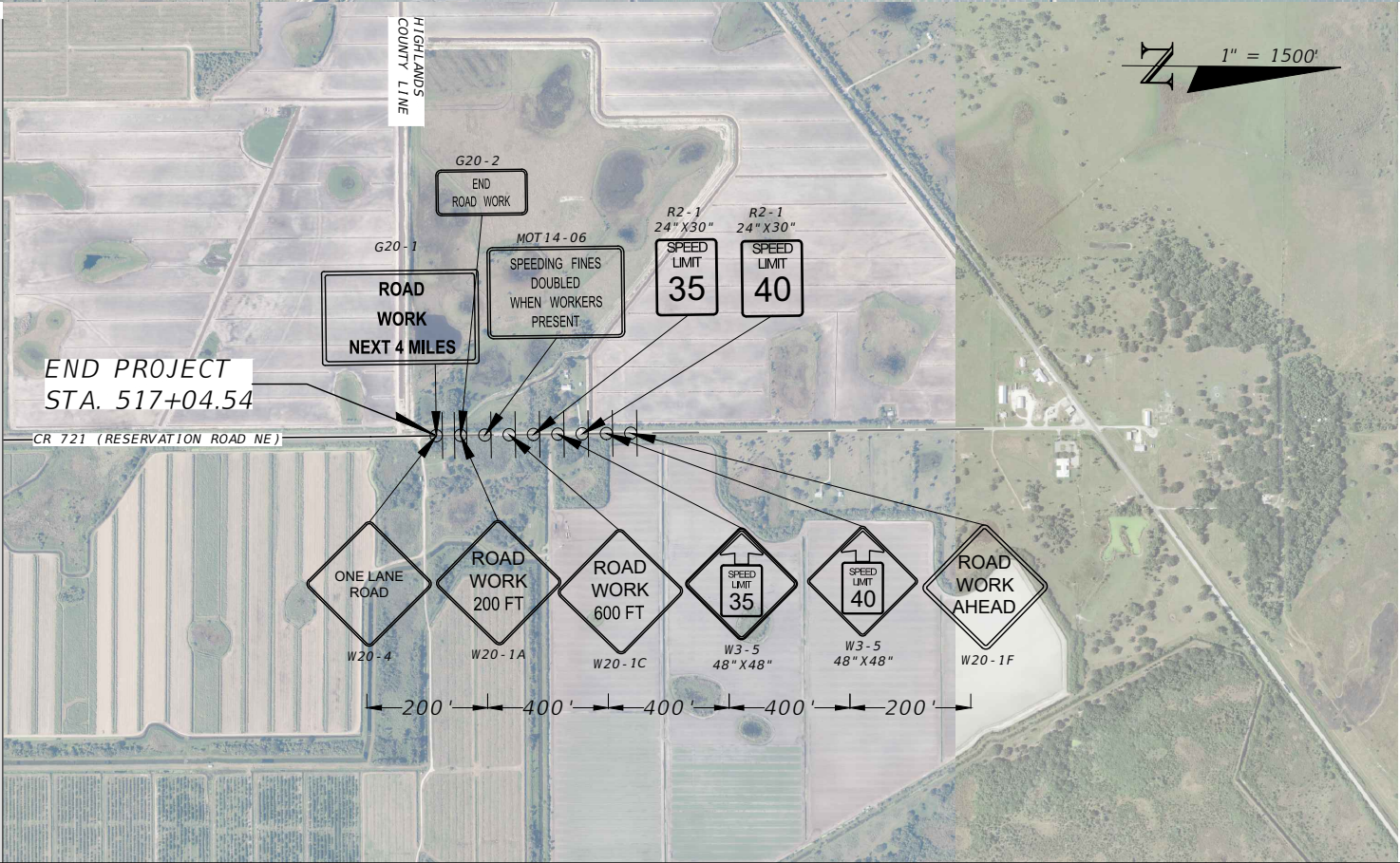
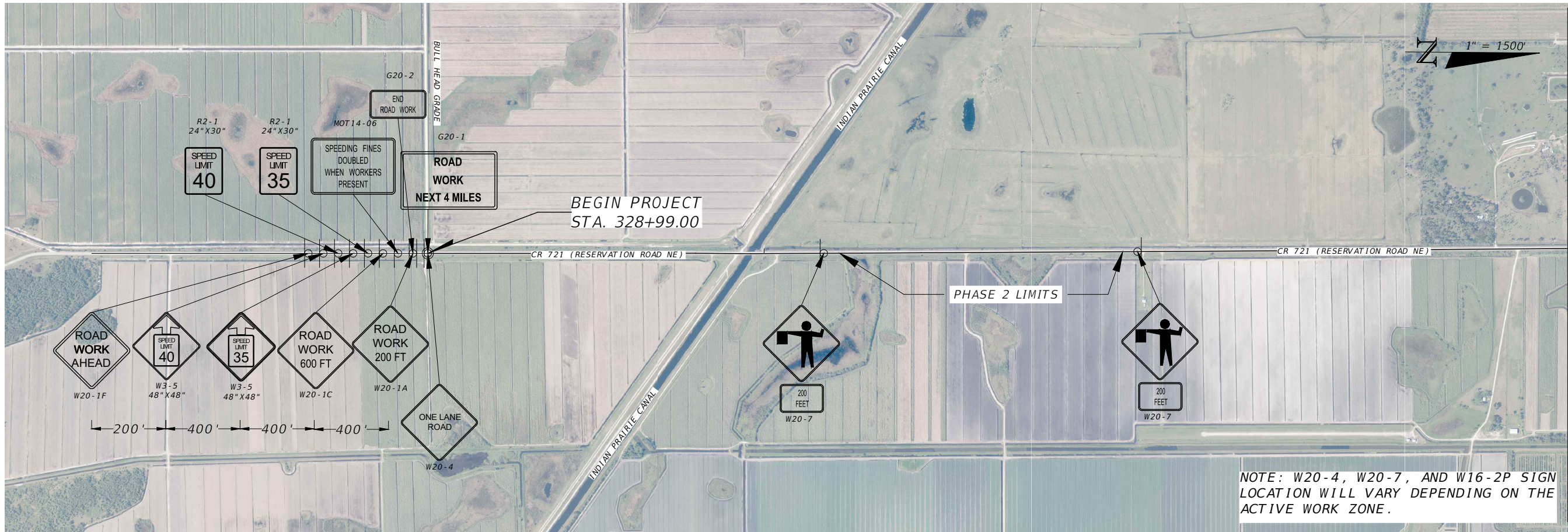
NOTE: GEOGRID OVERLAP AREA
TO BE EXCAVATED DURING
PHASE 1, BUT REMAIN UNFILLED
UNTIL PHASE 2 TO ALLOW FOR
SUFFICIENT OVERLAP OF
GEOGRID SHEETS

NOTE: EXCESS MATERIAL
FROM FDR PROCESS TO BE
UTILIZED IN CONSTRUCTION
OF 10' GRADED LANE IN
PHASE 2

LEGEND

- TEMPORARY BARRIER
- CHANNELIZING DEVICE
- WORK ZONE
- TRAFFIC DIRECTION

REVISIONS				AIM ENGINEERING & SURVEYING, INC. ALEX RAMOS, P.E. P.E. LICENSE NUMBER 96905 2161 FOWLER ST. FORT MYERS, FL. 33901 CERTIFICATE OF AUTHORIZATION 3114	CR 721 FROM BULLHEAD GRADE TO HIGHLANDS COUNTY LINE			TTCP TYPICAL SECTIONS	SHEET NO. TTC-2
DATE	DESCRIPTION	DATE	DESCRIPTION		GLADES COUNTY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
					G1G69	GLADES	438573-1-54-01		



NOTE: W20-4, W20-7, AND W16-2P SIGN LOCATION WILL VARY DEPENDING ON THE ACTIVE WORK ZONE.

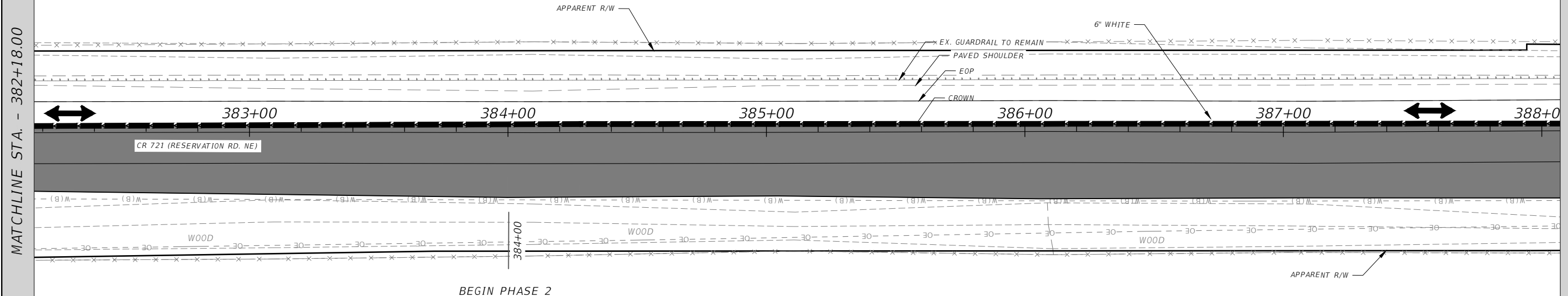
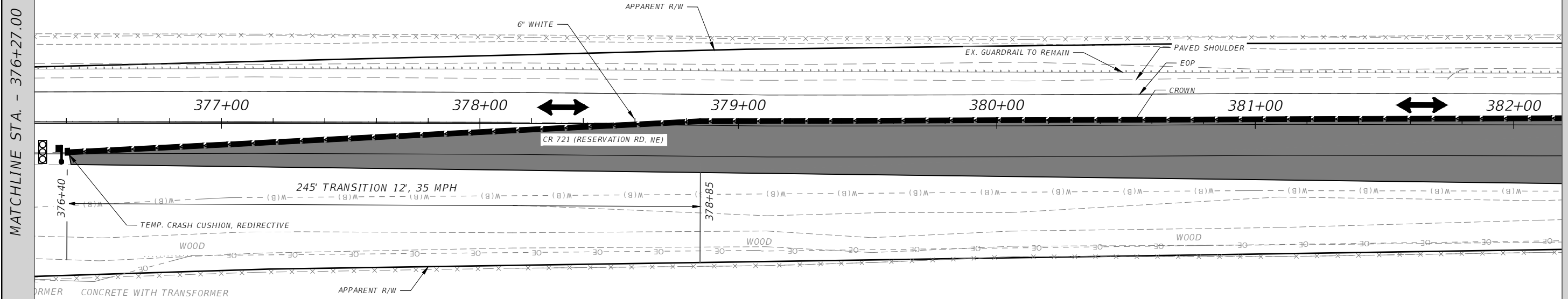
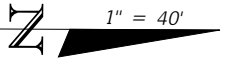
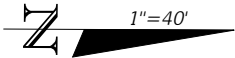
REVISIONS				AIM ENGINEERING & SURVEYING, INC. ALEX RAMOS, P.E. P.E. LICENSE NUMBER 96905 2161 FOWLER ST. FORT MYERS, FL. 33901 CERTIFICATE OF AUTHORIZATION 3114	CR 721 FROM BULLHEAD GRADE TO HIGHLANDS COUNTY LINE			TTCP DETAILS	SHEET NO. TTC-3
DATE	DESCRIPTION	DATE	DESCRIPTION		GLADES COUNTY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
					G1G69	GLADES	438573-1-54-01		

MATCHLINE STA. - 376+27.00

MATCHLINE STA. - 382+18.00

MATCHLINE STA. - 382+18.00

MATCHLINE STA. - 388+09.00



CONSTRUCTION AREA

TEMPORARY BARRIER

LANE DIRECTION

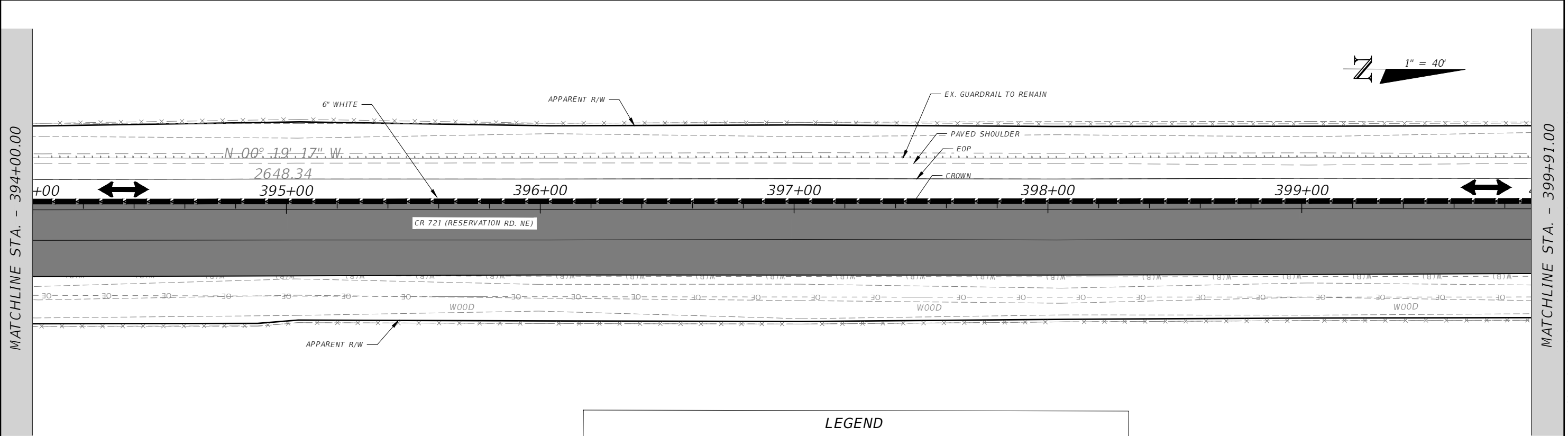
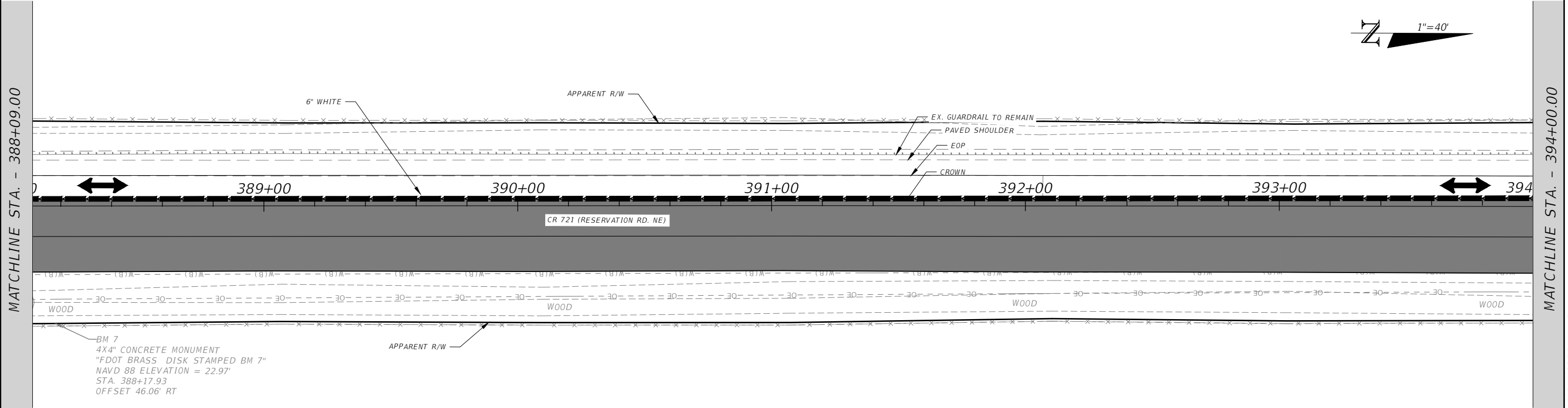
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AIM ENGINEERING & SURVEYING, INC.
ALEX RAMOS, P.E.
P.E. LICENSE NUMBER 96905
2161 FOWLER ST.
FORT MYERS, FL. 33901
CERTIFICATE OF AUTHORIZATION 3114

CR 721 FROM BULLHEAD GRADE TO HIGHLANDS COUNTY LINE		
GLADES COUNTY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
G1G69	GLADES	438573-1-54-01

TTCP PLANS (PHASE 2A)	

SHEET NO.
TTC-4



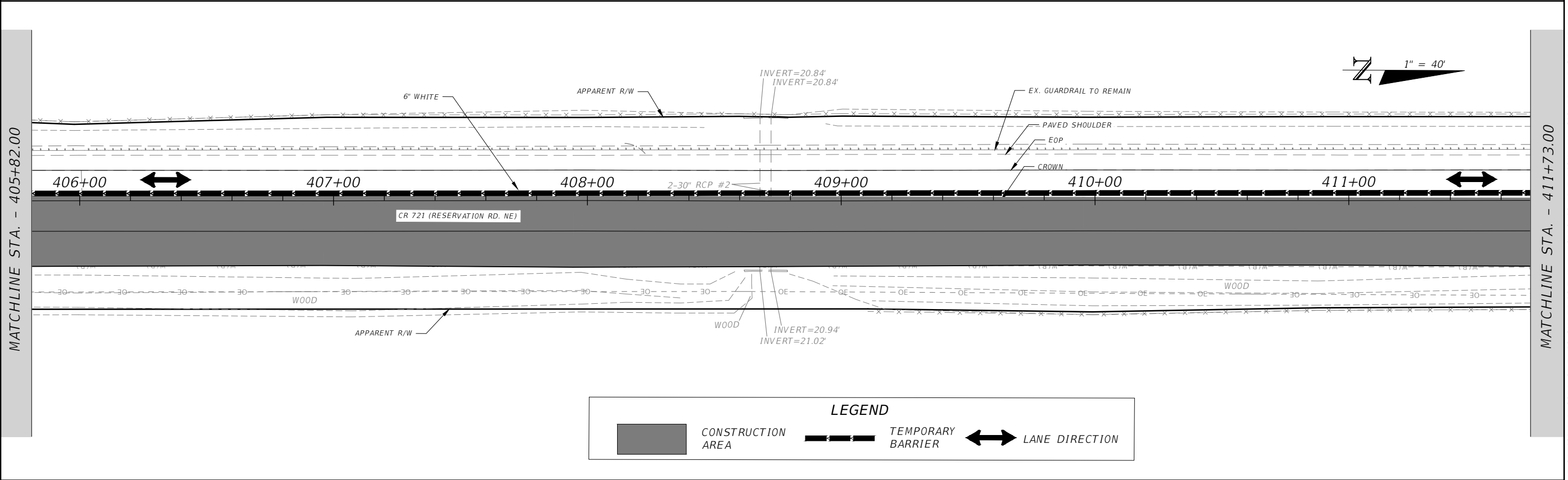
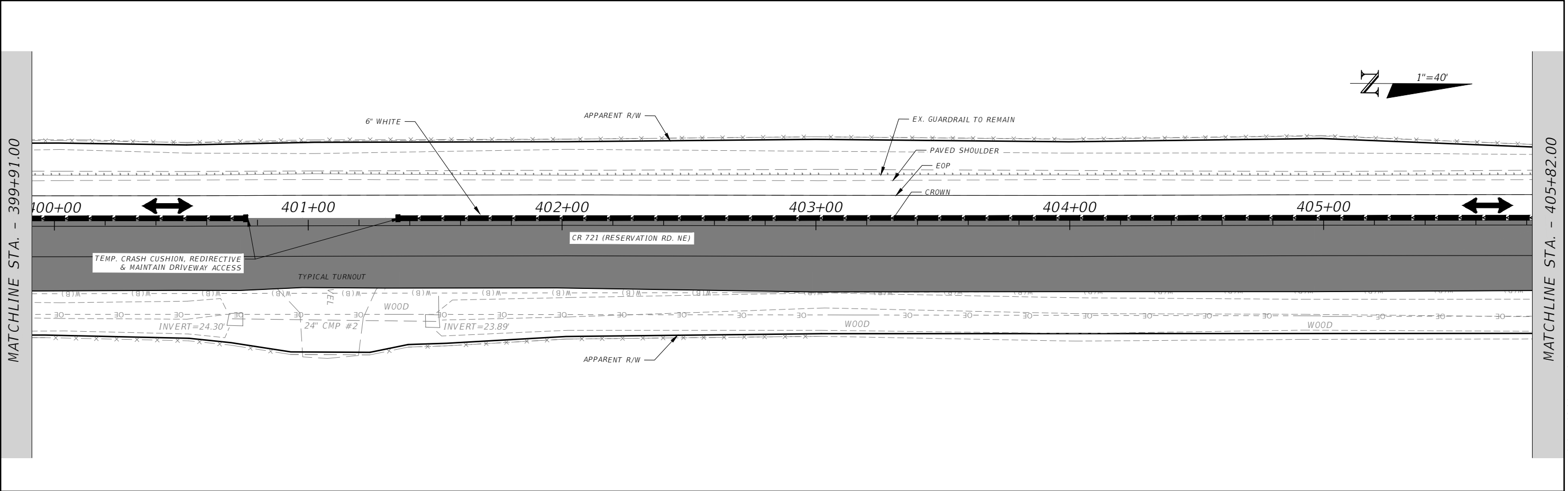
LEGEND

CONSTRUCTION AREA

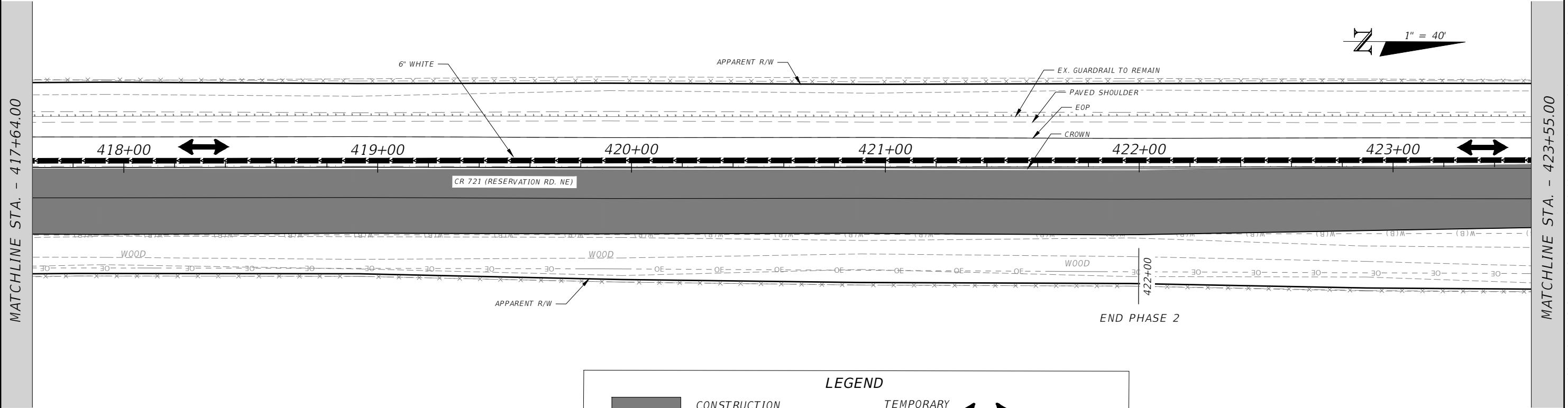
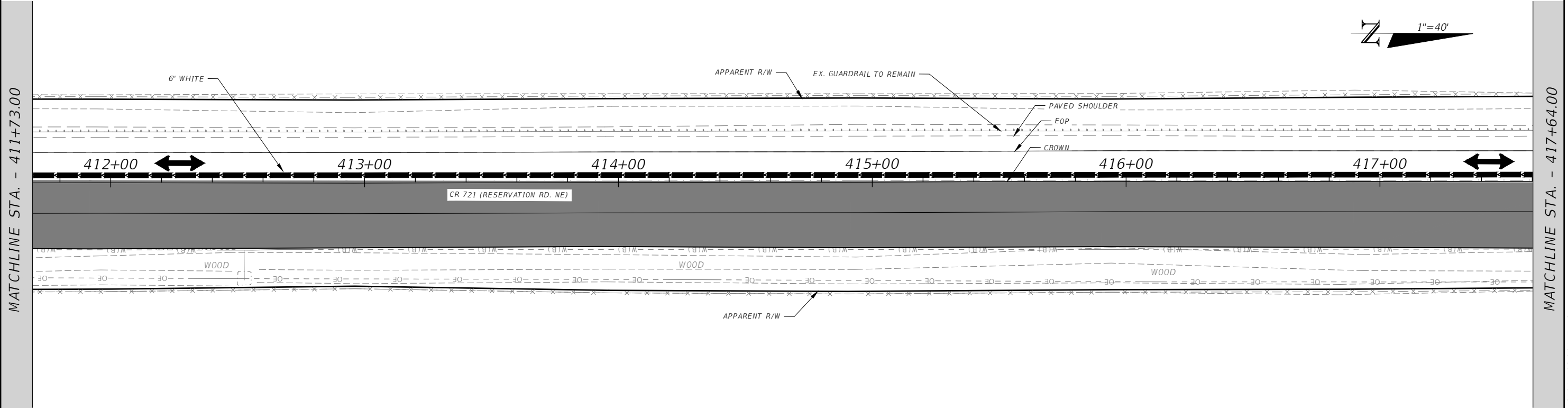
TEMPORARY BARRIER

LANE DIRECTION

REVISIONS				AIM ENGINEERING & SURVEYING, INC. ALEX RAMOS, P.E. P.E. LICENSE NUMBER 96905 2161 FOWLER ST. FORT MYERS, FL. 33901 CERTIFICATE OF AUTHORIZATION 3114	CR 721 FROM BULLHEAD GRADE TO HIGHLANDS COUNTY LINE			TTCP PLANS (PHASE 2A)	SHEET NO.	
DATE	DESCRIPTION	DATE	DESCRIPTION		GLADES COUNTY PROJECT NO.		COUNTY		FINANCIAL PROJECT ID	TTC-5
					G1G69		GLADES		438573-1-54-01	



REVISIONS				AIM ENGINEERING & SURVEYING, INC. ALEX RAMOS, P.E. P.E. LICENSE NUMBER 96905 2161 FOWLER ST. FORT MYERS, FL. 33901 CERTIFICATE OF AUTHORIZATION 3114	CR 721 FROM BULLHEAD GRADE TO HIGHLANDS COUNTY LINE			TTCP PLANS (PHASE 2A)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		GLADES COUNTY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
					G1G69	GLADES	438573-1-54-01		TTC-6



LEGEND

CONSTRUCTION AREA

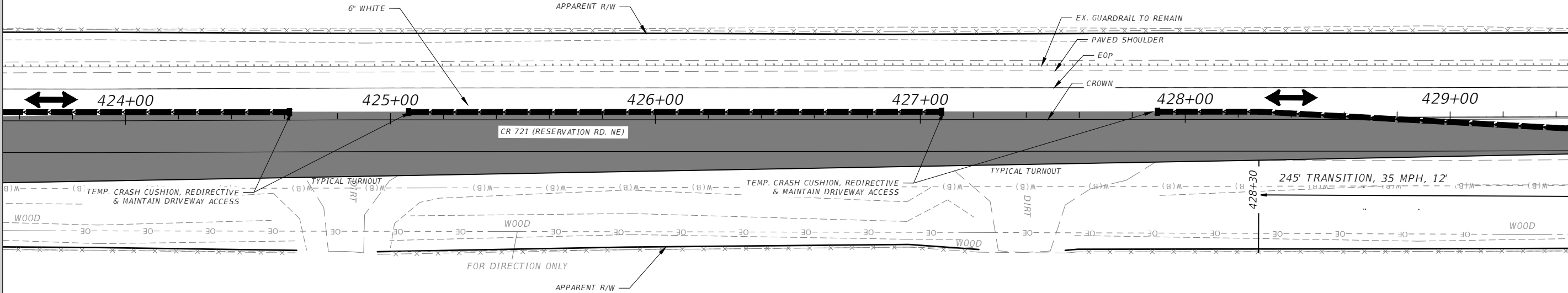
TEMPORARY BARRIER

LANE DIRECTION

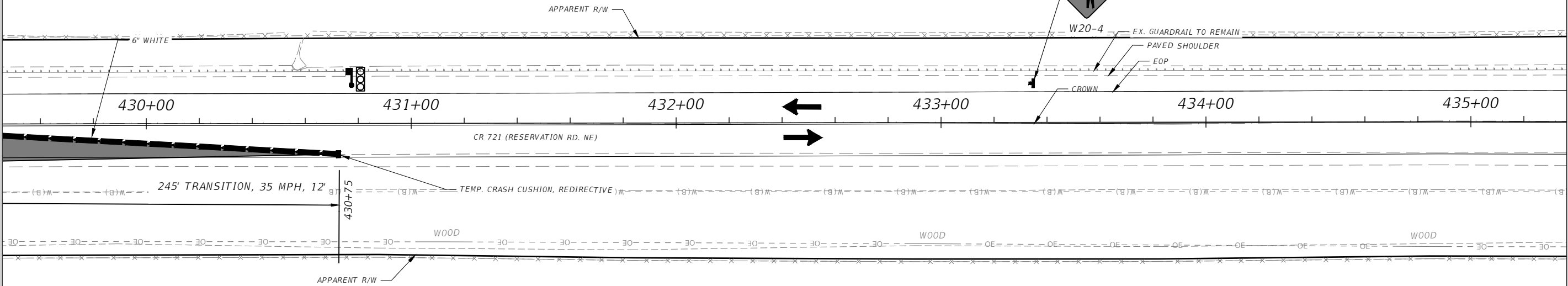
REVISIONS				AIM ENGINEERING & SURVEYING, INC. ALEX RAMOS, P.E. P.E. LICENSE NUMBER 96905 2161 FOWLER ST. FORT MYERS, FL. 33901 CERTIFICATE OF AUTHORIZATION 3114	CR 721 FROM BULLHEAD GRADE TO HIGHLANDS COUNTY LINE			TTCP PLANS (PHASE 2A)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		GLADES COUNTY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
					G1G69	GLADES	438573-1-54-01		

MATCHLINE STA. - 423+55.00

MATCHLINE STA. - 429+46.00



MATCHLINE STA. - 429+46.00



MATCHLINE STA. - 435+37.00

LEGEND

CONSTRUCTION AREA

TEMPORARY BARRIER

LANE DIRECTION

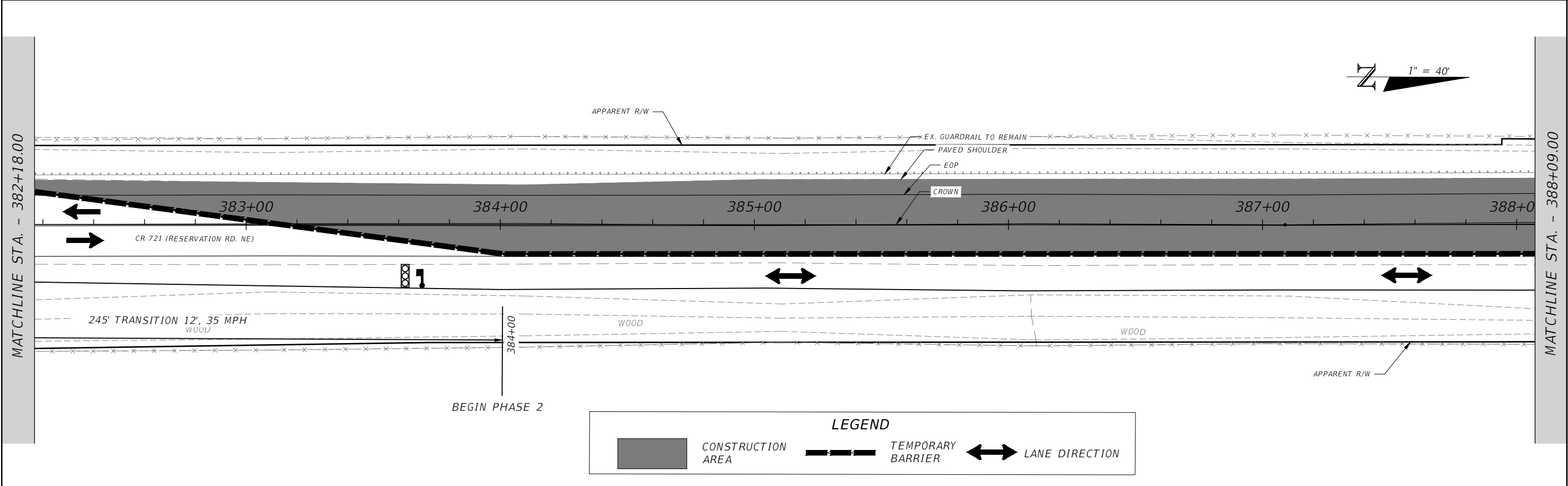
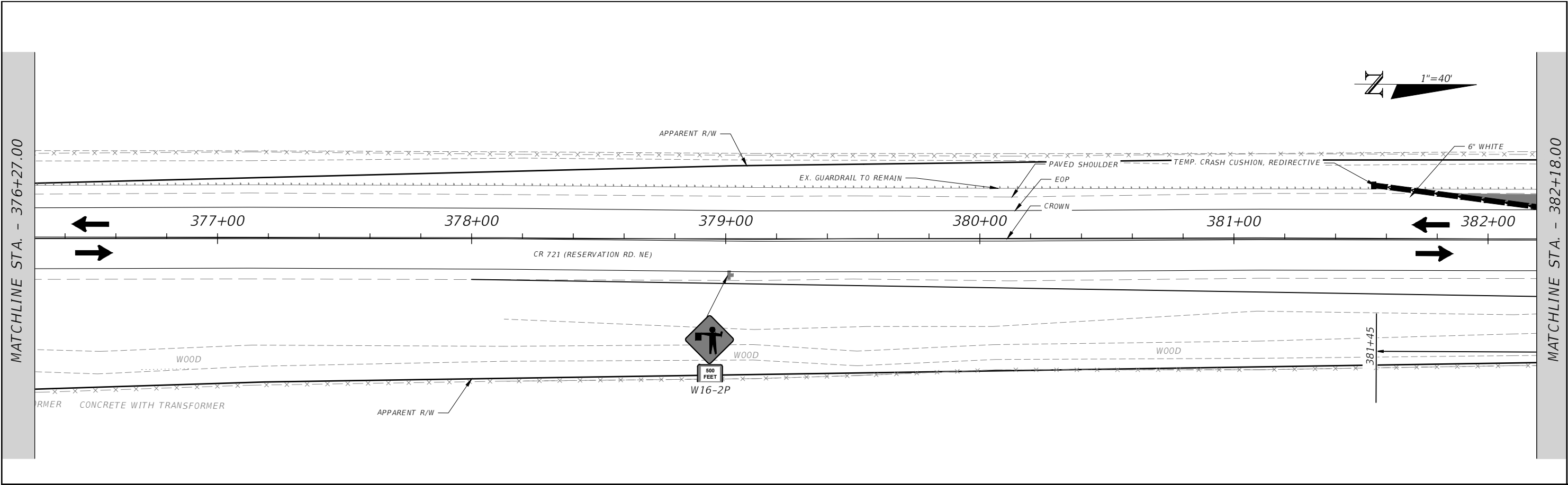
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AIM ENGINEERING & SURVEYING, INC.
ALEX RAMOS, P.E.
P.E. LICENSE NUMBER 96905
2161 FOWLER ST.
FORT MYERS, FL. 33901
CERTIFICATE OF AUTHORIZATION 3114

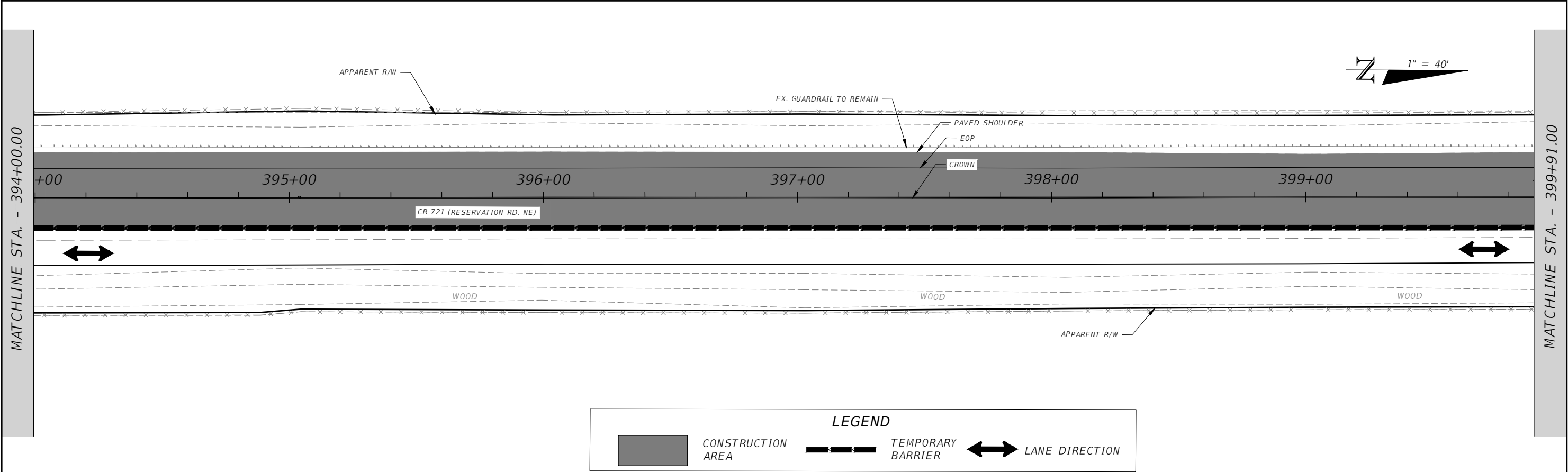
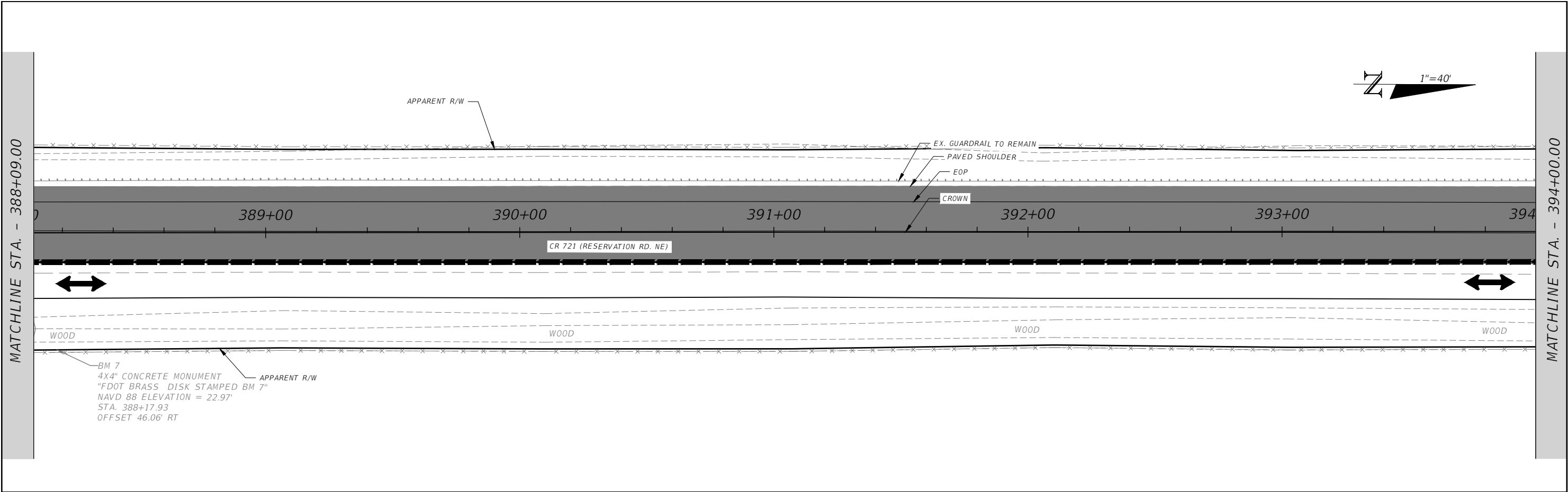
CR 721 FROM BULLHEAD GRADE TO HIGHLANDS COUNTY LINE		
GLADES COUNTY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID
G1G69	GLADES	438573-1-54-01

TTCP PLANS (PHASE 2A)	

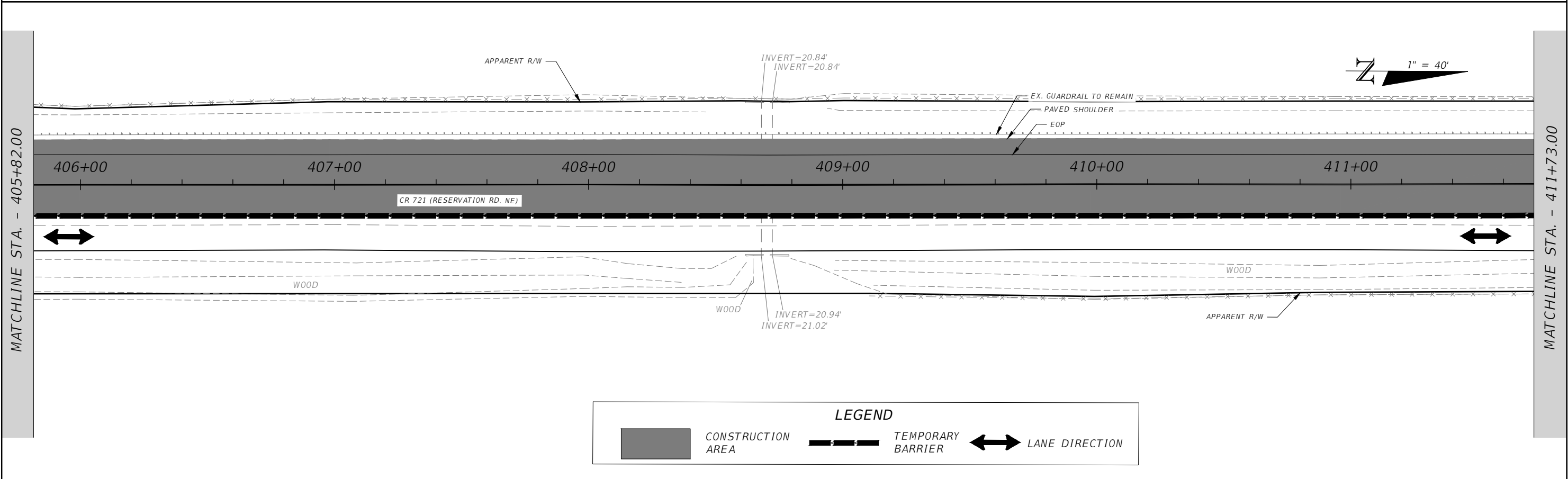
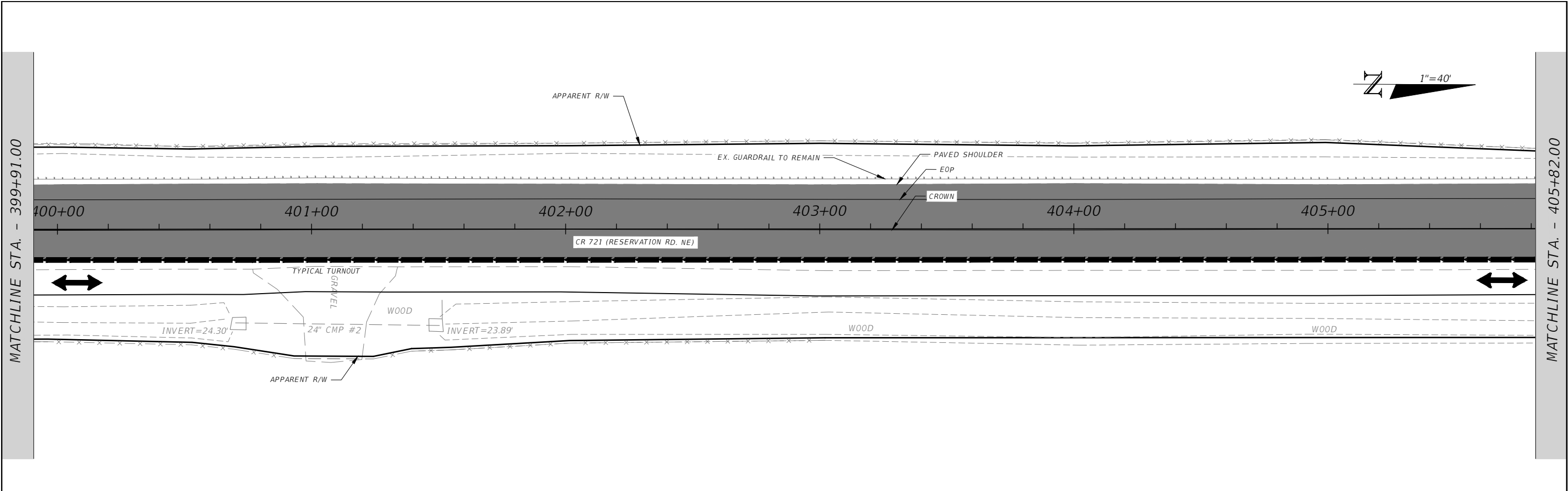
SHEET NO.
TTC-8



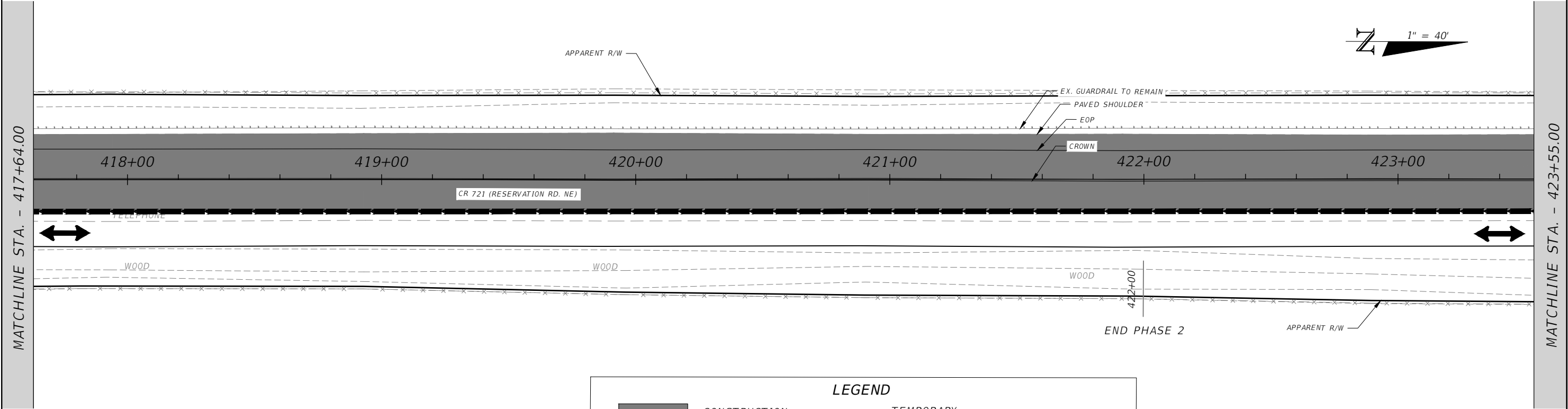
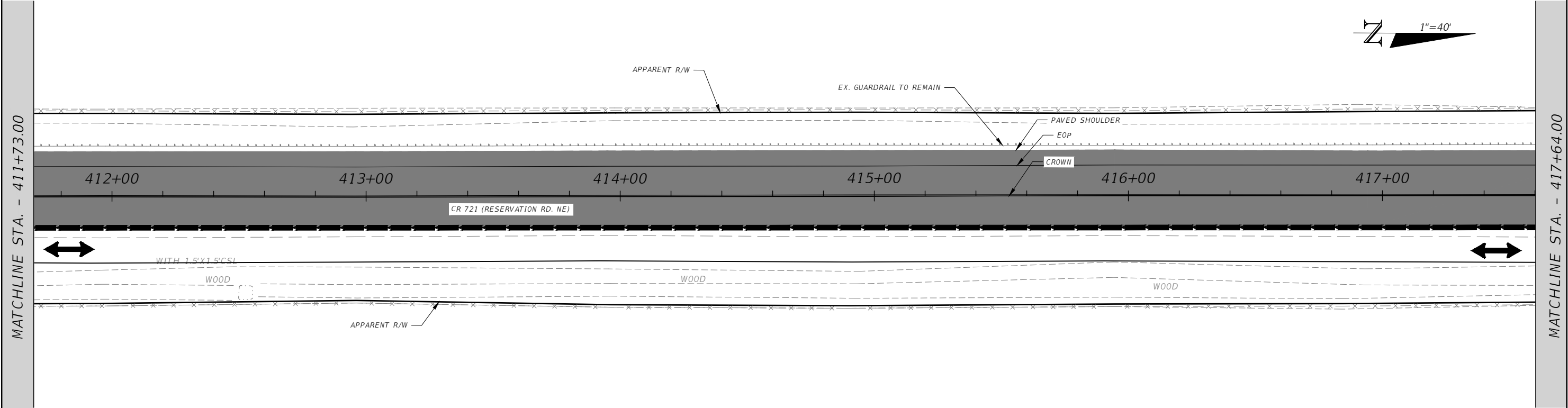
REVISIONS				AIM ENGINEERING & SURVEYING, INC. ALEX RAMOS, P.E. P.E. LICENSE NUMBER 96905 2161 FOWLER ST. FORT MYERS, FL. 33901 CERTIFICATE OF AUTHORIZATION 3114	CR 721 FROM BULLHEAD GRADE TO HIGHLANDS COUNTY LINE			TTCP PLANS (PHASE 2B)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION						
					GLADES COUNTY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
					G1G69	GLADES	438573-1-54-01		TTC-9



REVISIONS				AIM ENGINEERING & SURVEYING, INC. ALEX RAMOS, P.E. P.E. LICENSE NUMBER 96905 2161 FOWLER ST. FORT MYERS, FL. 33901 CERTIFICATE OF AUTHORIZATION 3114	CR 721 FROM BULLHEAD GRADE TO HIGHLANDS COUNTY LINE			TTCP PLANS (PHASE 2B)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		GLADES COUNTY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
					G1G69	GLADES	438573-1-54-01		TTC-10



REVISIONS				AIM ENGINEERING & SURVEYING, INC. ALEX RAMOS, P.E. P.E. LICENSE NUMBER 96905 2161 FOWLER ST. FORT MYERS, FL. 33901 CERTIFICATE OF AUTHORIZATION 3114	CR 721 FROM BULLHEAD GRADE TO HIGHLANDS COUNTY LINE			TTCP PLANS (PHASE 2B)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		GLADES COUNTY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		TTC-11
					G1G69	GLADES	438573-1-54-01		



LEGEND

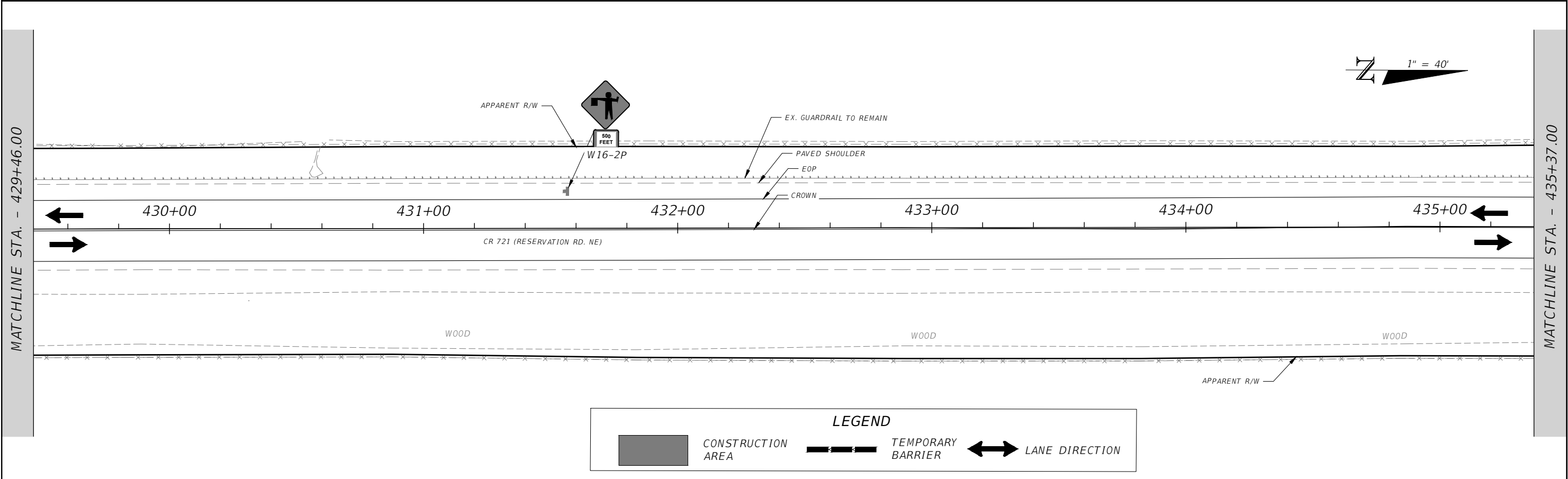
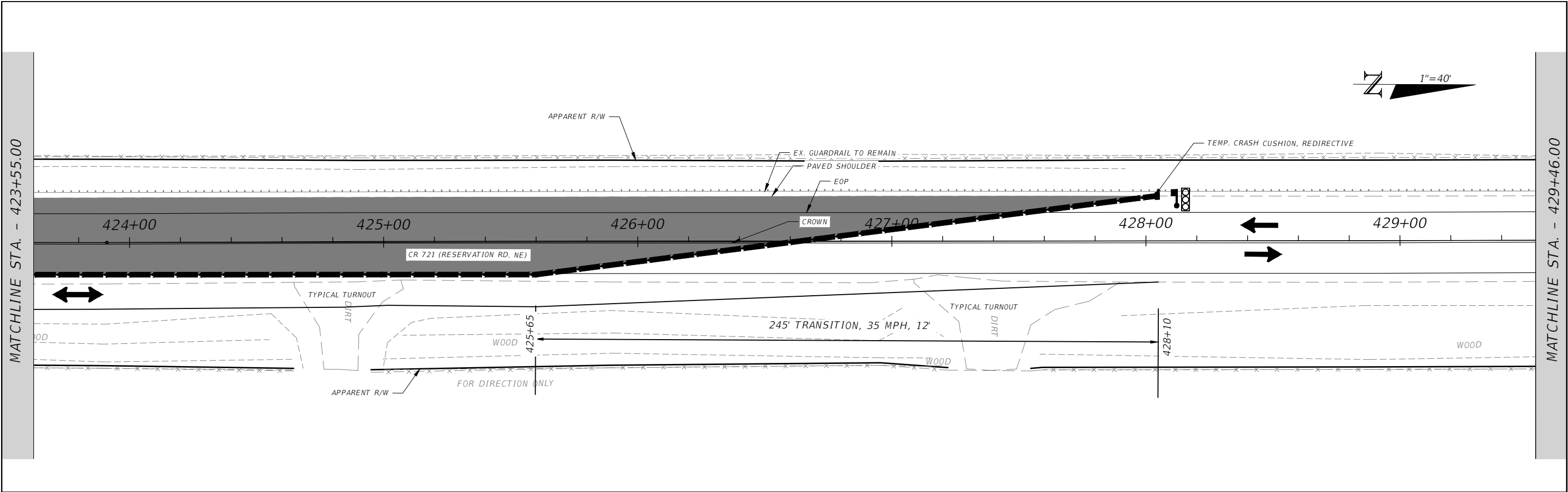
CONSTRUCTION AREA

TEMPORARY BARRIER

LANE DIRECTION

REVISIONS				AIM ENGINEERING & SURVEYING, INC. ALEX RAMOS, P.E. P.E. LICENSE NUMBER 96905 2161 FOWLER ST. FORT MYERS, FL. 33901 CERTIFICATE OF AUTHORIZATION 3114	CR 721 FROM BULLHEAD GRADE TO HIGHLANDS COUNTY LINE			TTCP PLANS (PHASE 2B)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		GLADES COUNTY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		
					G1G69	GLADES	438573-1-54-01		
									TTC-12

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



LEGEND

CONSTRUCTION AREA

TEMPORARY BARRIER

LANE DIRECTION

REVISIONS				AIM ENGINEERING & SURVEYING, INC. ALEX RAMOS, P.E. P.E. LICENSE NUMBER 96905 2161 FOWLER ST. FORT MYERS, FL. 33901 CERTIFICATE OF AUTHORIZATION 3114	CR 721 FROM BULLHEAD GRADE TO HIGHLANDS COUNTY LINE			TTCP PLANS (PHASE 2B)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		GLADES COUNTY PROJECT NO.	COUNTY	FINANCIAL PROJECT ID		TTC-13
					G1G69	GLADES	438573-1-54-01		