

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130*	1
		ILLINOIS	CONTRACT NO. 74A24	

* 130 + 2 = 132 TOTAL SHEETS

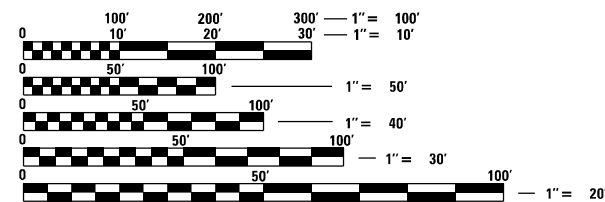
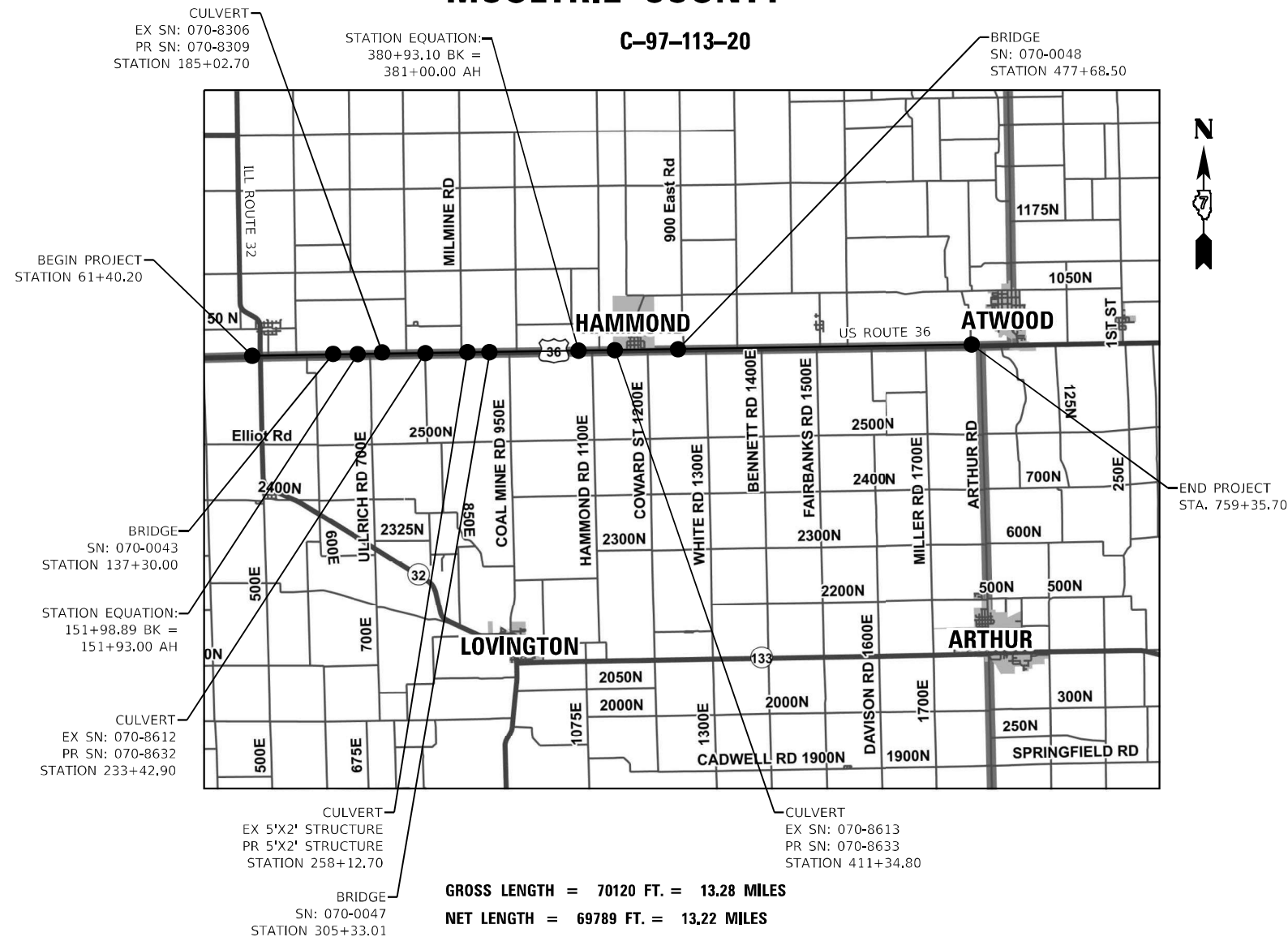
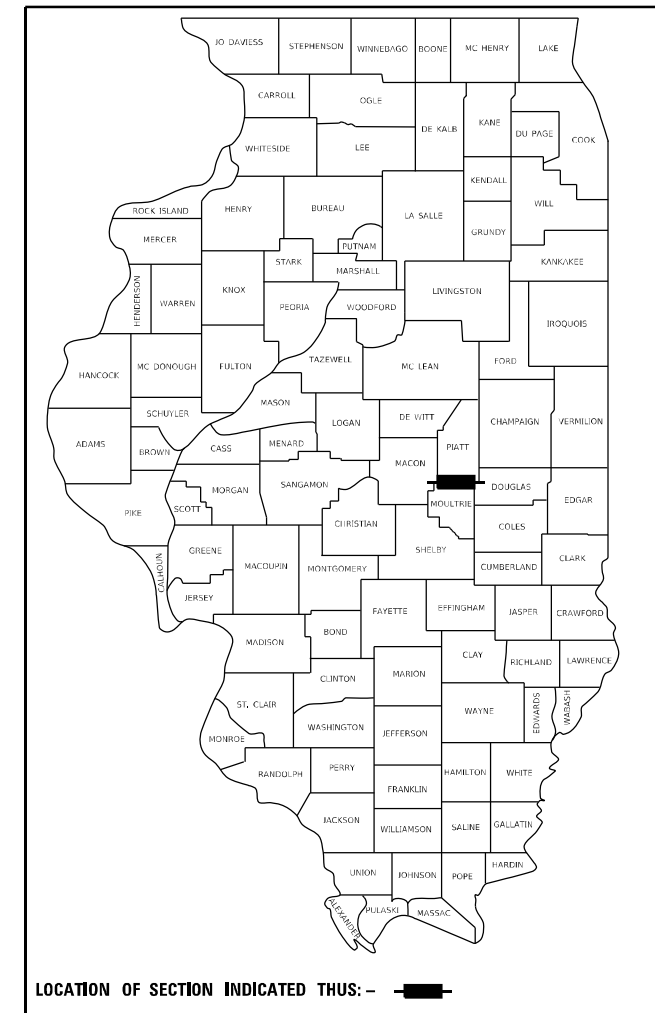
FOR INDEX OF SHEETS, SEE SHEET NO. 2

ADT (2019) = 2600
% TRUCKS = 16.3%

PROPOSED HIGHWAY PLANS

FAP ROUTE 323 (US 36)
SECTION (141,142,143)RS-4
PROJECT NHPP-9YTN(552)
3P RESURFACING & CULVERT REPLACEMENT
MOULTRIE COUNTY

D-97-107-20



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES, REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS
1-800-892-0123
OR 811

PROJECT ENGINEER: DEBRA BARRETT
PROJECT MANAGER: LEAH HILLE

CONTRACT NO. 74A24

GROSS LENGTH = 70120 FT. = 13.28 MILES
NET LENGTH = 69789 FT. = 13.22 MILES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED April 12 2022

John P. Meyer REGIONAL ENGINEER
May 13, 2022

Scott A. Etk ENGINEER OF DESIGN AND ENVIRONMENT
May 13, 2022

Stephen M. Smith DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005 80% FEDERAL 20% STATE	0047 80% FEDERAL 20% STATE	
20200100	EARTH EXCAVATION	CU YD	108	108		
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	274	274		
20700220	POROUS GRANULAR EMBANKMENT	CU YD	80	80		
21400100	GRADING AND SHAPING DITCHES	FOOT	601	601		
28000305	TEMPORARY DITCH CHECKS	FOOT	230	230		
28000500	INLET AND PIPE PROTECTION	EACH	5	5		
28100105	STONE RIPRAP, CLASS A3	SO YD	60	60		
28100107	STONE RIPRAP, CLASS A4	SO YD	40	40		
28200200	FILTER FABRIC	SO YD	100	100		
35600708	HOT-MIX ASPHALT BASE COURSE WIDENING, 8"	SO YD	1602	1262	340	
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	11	11		
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	162770	162770		
40600370	LONGITUDINAL JOINT SEALANT	FOOT	70800	70800		
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	1476	1476		

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005 80% FEDERAL 20% STATE	0047 80% FEDERAL 20% STATE	
40600990	TEMPORARY RAMP	SO YD	580	580		
40603219	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N90	TON	22640	22640		
40604164	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N90	TON	25860	25860		
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	1237	1237		
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SO YD	208860	208860		
44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SO YD	4410	4410		
44000165	HOT-MIX ASPHALT SURFACE REMOVAL, 4"	SO YD	210	210		
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	34.1	34.1		
44004250	PAVED SHOULDER REMOVAL	SO YD	1290	950	340	
44201803	CLASS D PATCHES, TYPE II, 13 INCH	SO YD	3919	3919		
44201807	CLASS D PATCHES, TYPE III, 13 INCH	SO YD	935	935		
44201809	CLASS D PATCHES, TYPE IV, 13 INCH	SO YD	5034	5034		
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	9790	9790		

MODEL: Default
 FILE: M:\MIS_Plan\Subsect-pw-bea-defy.com\FW\DOT\Documents\DOT_Offices\Director_T\Projects\74A24\ICAD\Drawings\CAD\SheetSet\74A24-LHS-500.dgn

USER NAME = stefenmk	DESIGNED - LMH	REVISED -
	DRAWN - LMH	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE - \$DATE\$	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NO SCALE SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	3
CONTRACT NO. 74A24				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE	
CODE NO	ITEM	UNIT		0005 80% FEDERAL 20% STATE	0047 80% FEDERAL 20% STATE
48203012	HOT-MIX ASPHALT SHOULDERS, 3 3/4"	SQ YD	7050	7050	
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1	1	
50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1	1	
50100500	REMOVAL OF EXISTING STRUCTURES NO. 3	EACH	1	1	
50100600	REMOVAL OF EXISTING STRUCTURES NO. 4	EACH	1	1	
50200100	STRUCTURE EXCAVATION	CU YD	290	290	
50300225	CONCRETE STRUCTURES	CU YD	25	25	
50300260	BRIDGE DECK GROOVING	SQ YD	1248	1248	
50300300	PROTECTIVE COAT	SQ YD	1324	1324	
50301350	CONCRETE SUPERSTRUCTURE (APPROACH SLAB)	CU YD	107	107	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	42640	42640	
50800515	BAR SPLICERS	EACH	294	294	
52200020	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	174	174	
54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	2	2	

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE	
CODE NO	ITEM	UNIT		0005 80% FEDERAL 20% STATE	0047 80% FEDERAL 20% STATE
54001002	BOX CULVERT END SECTIONS, CULVERT NO. 2	EACH	2	2	
54001003	BOX CULVERT END SECTIONS, CULVERT NO. 3	EACH	2	2	
54001004	BOX CULVERT END SECTIONS, CULVERT NO. 4	EACH	2	2	
54010502	PRECAST CONCRETE BOX CULVERTS 5' X 2'	FOOT	48	48	
54010702	PRECAST CONCRETE BOX CULVERTS 7' X 2'	FOOT	48	48	
54010703	PRECAST CONCRETE BOX CULVERTS 7' X 3'	FOOT	96	96	
54010903	PRECAST CONCRETE BOX CULVERTS 9' X 3'	FOOT	48	48	
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	266	266	
60622400	CONCRETE MEDIAN, TYPE SM-6.06	SQ FT	40.6	40.6	
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	152410	152410	
66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	4	4	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	9	9	
67000600	ENGINEER'S FIELD LABORATORY	CAL MO	9	9	
67100100	MOBILIZATION	L SUM	1	1	

MODEL: Default
 FILE: \\blmfc-pw-bufilez.com\FW\DOT\Documents\DOT Office\Director_T\Project\74A24\CAD\Drawings\CD\Sheet\74A24-4-1-500.dgn

USER NAME = stefenmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	CHECKED -	REVISED -
PLOT SCALE = 100,0000' / in.	DATE - \$DATE\$	REVISED -
PLOT DATE = 4/18/2022		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: NO SCALE		SHEET	OF	SHEETS	STA.	TO STA.
-----------------	--	-------	----	--------	------	---------

SUMMARY OF QUANTITIES

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	4
CONTRACT NO. 74A24				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005 80% FEDERAL 20% STATE	0047 80% FEDERAL 20% STATE	
70100405	TRAFFIC CONTROL AND PROTECTION, STANDARD	EACH	6	4	2	
	701321					
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	1		
	701201					
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	1		
	701306					
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	1		
	701326					
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	1		
	701701					
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	40	40		
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	7	4	3	
70107005	PAVEMENT MARKING BLACKOUT TAPE, 5"	FOOT	4010	3520	490	
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	28		
70300100	SHORT TERM PAVEMENT MARKING	FOOT	71470	71470		
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	7630	7630		

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005 80% FEDERAL 20% STATE	0047 80% FEDERAL 20% STATE	
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	94	94		
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	175980	175980		
70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	220	220		
70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	1190	1190		
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	29	29		
70400100	TEMPORARY CONCRETE BARRIER	FOOT	2287.5	1350	937.5	
70400125	PINNING TEMPORARY CONCRETE BARRIER	EACH	204	132	72	
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	2275	1350	925	
70600250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	22	16	6	
70600350	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	EACH	22	16	6	
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	94	94		
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	9580	9580		

* SPECIALTY ITEM

REV. - MS

MODEL: Default
FILE: M:\a11\paw_bentley.com\PROJECTS\74A24\CADD\Drawings\DOT_Offices\District_7\Projects\74A24\CADD\Drawings\DOT_74A24-SP-SC00.dgn

USER NAME = steffenmk	DESIGNED - LMH	REVISED -
	DRAWN - LMH	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE - \$DATE\$	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NO SCALE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	5
			CONTRACT NO. 74A24	
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE	
CODE NO	ITEM	UNIT		0005 80% FEDERAL 20% STATE	0047 80% FEDERAL 20% STATE
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	220	220	
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	191	191	
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1190	1190	
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	29	29	
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	166553	166553	
* 78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SO FT	94	94	
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	9580	9580	
* 78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	220	220	
* 78011045	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	191	191	
* 78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	1190	1190	
* 78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	29	29	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	938	938	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	938	938	
X0326440	SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)	SO YD	5890	5890	

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE	
CODE NO	ITEM	UNIT		0005 80% FEDERAL 20% STATE	0047 80% FEDERAL 20% STATE
X0900064	MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES	SO YD	266	266	
X4060995	TEMPORARY RAMP, SPECIAL	SO YD	3089	3089	
X4403300	CONCRETE MEDIAN REMOVAL	SO FT	30.2	30.2	
X7010202	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321 (SPECIAL)	EACH	1	1	
Z0001800	APPROACH SLAB REPAIR (PARTIAL DEPTH)	SO YD	5.5	5.5	
Z0012110	BRIDGE DECK FLY ASH OR GGBF SLAG CONCRETE OVERLAY, 2 1/4"	SO YD	1067	1067	
Z0012130	BRIDGE DECK SCARIFICATION 3/4"	SO YD	1067	1067	
Z0016001	DECK SLAB REPAIR (FULL DEPTH, TYPE I)	SO YD	4	4	
Z0016002	DECK SLAB REPAIR (FULL DEPTH, TYPE II)	SO YD	7.8	7.8	
Z0049799	PROTECTING OR RESETTING SURVEY MARKERS	EACH	44	44	
* Z0054505	ROCK FILL - REPLACEMENT	TON	156	156	
Z0070202	SURVEY MARKER VAULT	EACH	2	2	
Ø Z0076600	TRAINEES	HOUR	500	500	
Ø Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	500	

* SPECIALTY ITEM

Ø 0042

MODEL: Default
FILE: M:\MIS_Plan\Subsect-pw-bee-defy.com\PIV\DOT\Documents\1\DOT_Offices\Dir\refc... \Project\7424\CAD\Sheet\7424-144-500.dgn

USER NAME = stefenmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	REVISIONS -	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISIONS -
PLOT DATE = 4/18/2022	DATE - \$DATE\$	REVISIONS -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

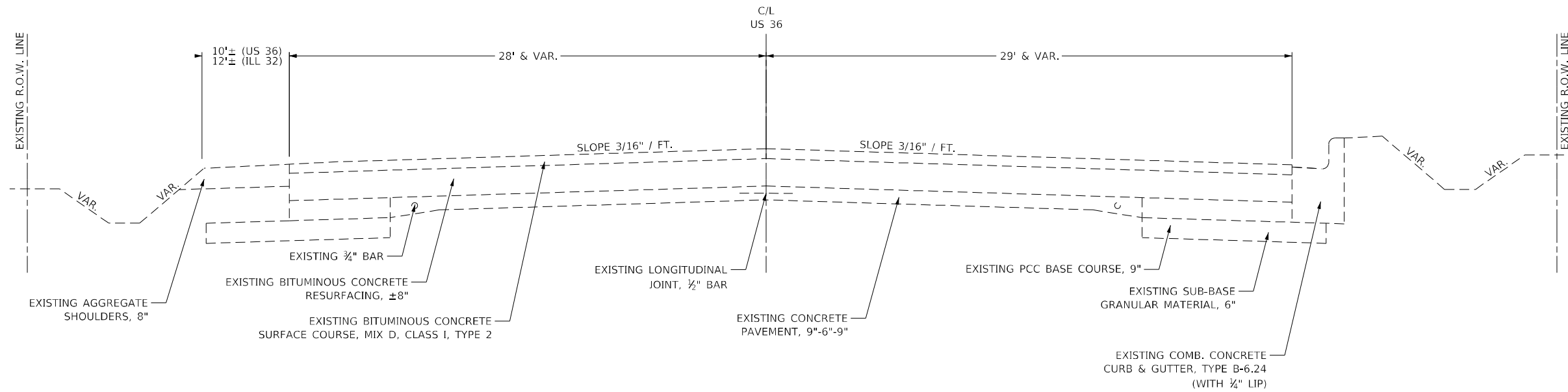
SUMMARY OF QUANTITIES

SCALE: NO SCALE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	6
CONTRACT NO. 74A24				
ILLINOIS FED. AID PROJECT				

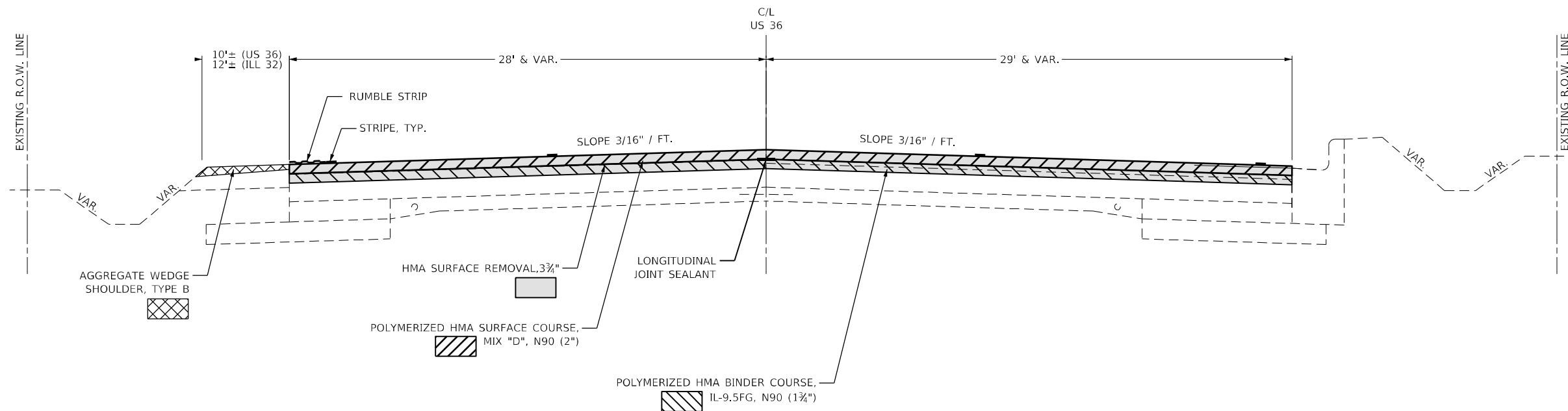
EXISTING TYPICAL CROSS SECTIONS (US 36)

STATION 68+56.00 TO STATION 70+56.20
STATION 72+72.80 TO STATION 73+00.00



PROPOSED TYPICAL CROSS SECTIONS (US 36)

STATION 68+56.00 TO STATION 70+56.20
STATION 72+72.80 TO STATION 73+00.00



MODEL: Default
 FILE: \\malfp-pw-bentley.com\PW\DOT\Documents\DOT Office\Director_T\Projects\74A24\ICAD\DATA\CAD\Sheet\74A24-4-18-22.dgn

USER NAME = stefnmk	DESIGNED - LMH	REVISED -
	DRAWN - LMH	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

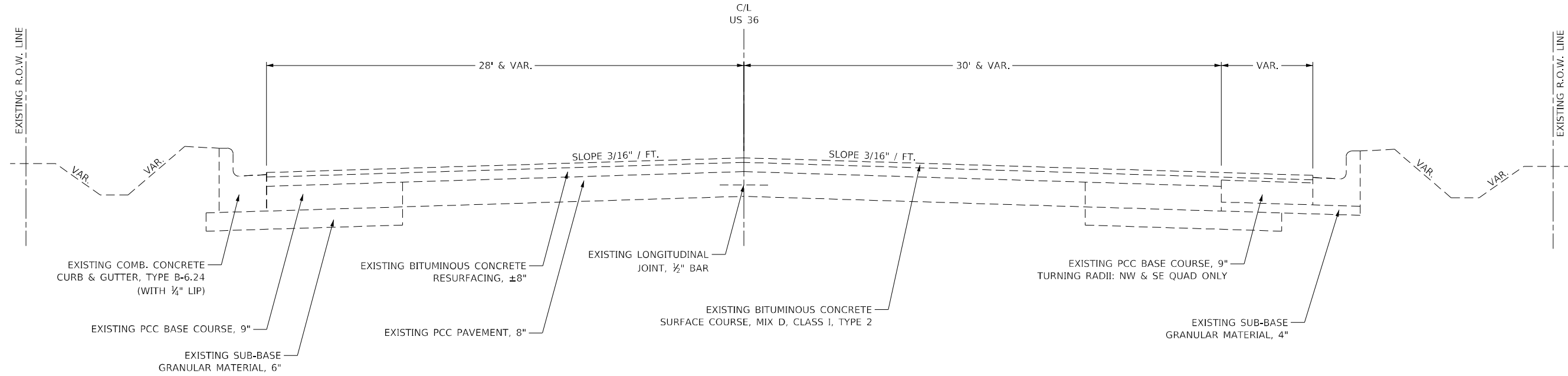
TYPICAL CROSS SECTIONS (US 36)

SCALE: NO SCALE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	7
CONTRACT NO. 74A24				
ILLINOIS FED. AID PROJECT				

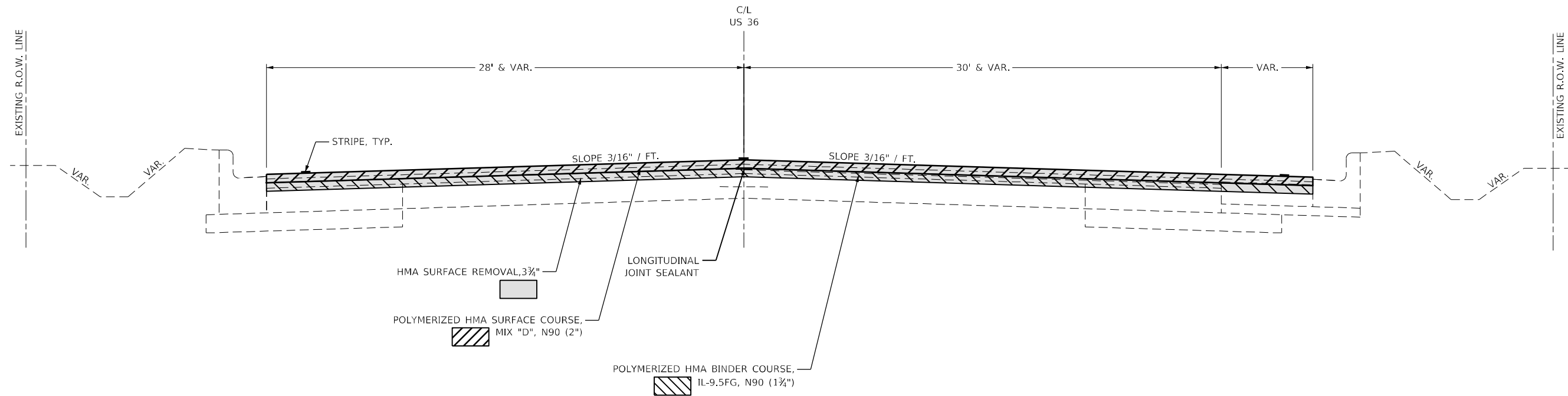
EXISTING TYPICAL CROSS SECTIONS (US 36)

STATION 70+56.20 TO STATION 72+72.80



PROPOSED TYPICAL CROSS SECTIONS (US 36)

STATION 70+56.20 TO STATION 72+72.80



MODEL: Default
 FILE: \\naulpc-pw-bea-fwy.com\P\INDOT\Documents\DOT_offices\Director_7\Projects\74A24\ICAD\Bates\CAD\Sheet8.D74A24.dwg
 PLOT DATE = 4/18/2022

USER NAME = steffenmk	DESIGNED - LMH	REVISED -
	DRAWN - LMH	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

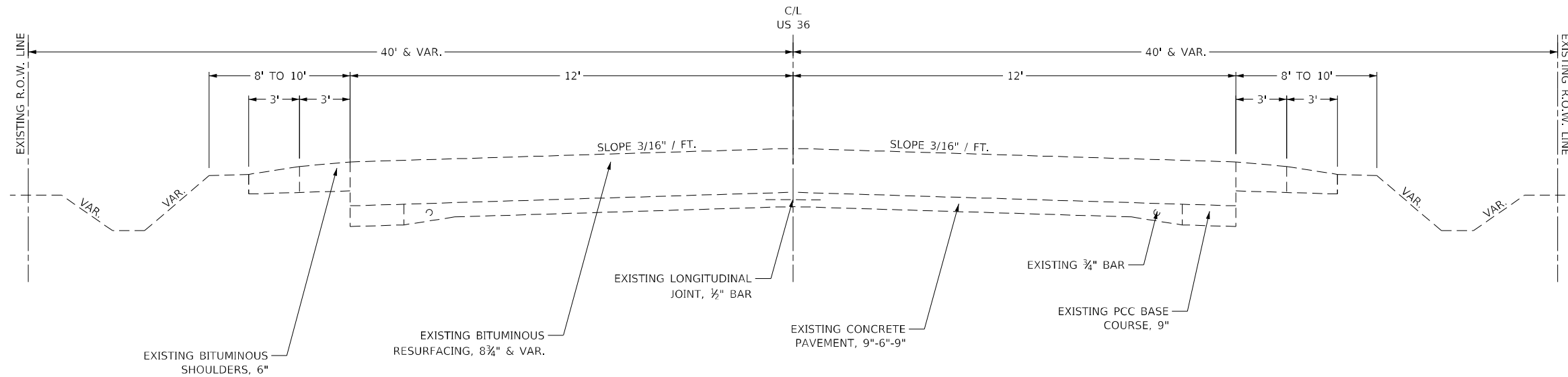
TYPICAL CROSS SECTIONS (US 36)

SCALE: NO SCALE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 323	SECTION (141,142,143)RS-4	COUNTY MOULTRIE	TOTAL SHEETS 130	SHEET NO. 8
CONTRACT NO. 74A24			ILLINOIS FED. AID PROJECT	

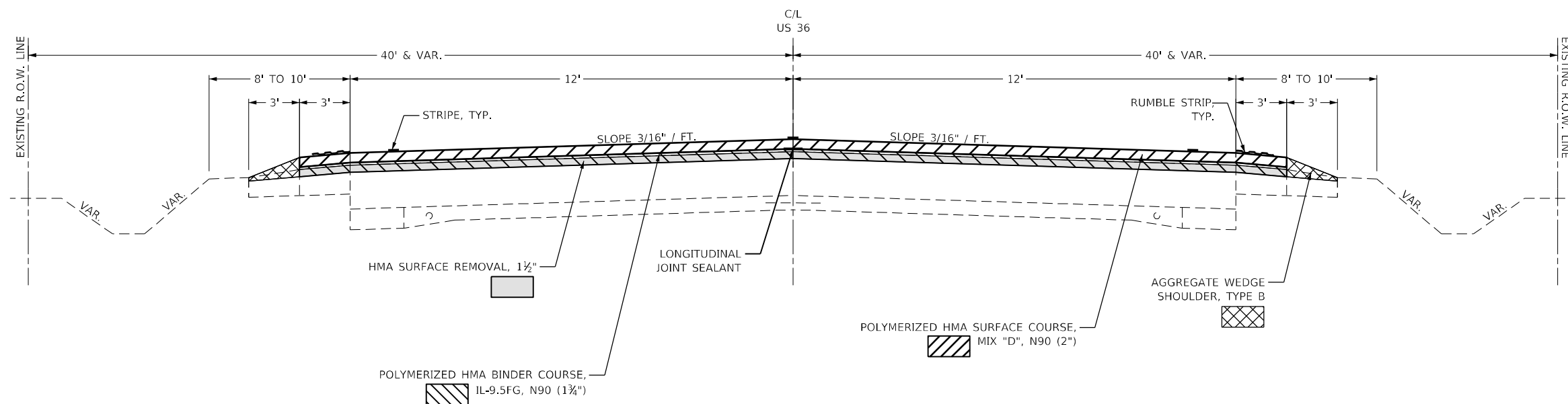
EXISTING TYPICAL CROSS SECTIONS (US 36)

STATION 61+40.20 TO STATION 68+56.00
 STATION 73+45.00 TO STATION 151+98.89
 STATION EQUATION: 151+98.89 BK = 151+93.00 AH
 STATION 151+93.00 TO STATION 380+93.10
 STATION EQUATION: 380+93.10 BK = 381+00.00 AH
 STATION 381+00.00 TO STATION 759+35.70



PROPOSED TYPICAL CROSS SECTIONS (US 36)

STATION 61+40.20 TO STATION 68+56.00
 STATION 73+45.00 TO STATION 151+98.89
 STATION EQUATION: 151+98.89 BK = 151+93.00 AH
 STATION 151+93.00 TO STATION 380+93.10
 STATION EQUATION: 380+93.10 BK = 381+00.00 AH
 STATION 381+00.00 TO STATION 759+35.70



MODEL: Default
 FILE: \\mupc-pw-bentley.com\PW\DOT\Documents\DOT Office\Director_T\Project\74A24\ICADD\DATA\CAD\Sheet\74A24\Sheet\9.dgn

USER NAME = stefenmk	DESIGNED - LMH	REVISED -
	DRAWN - LMH	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

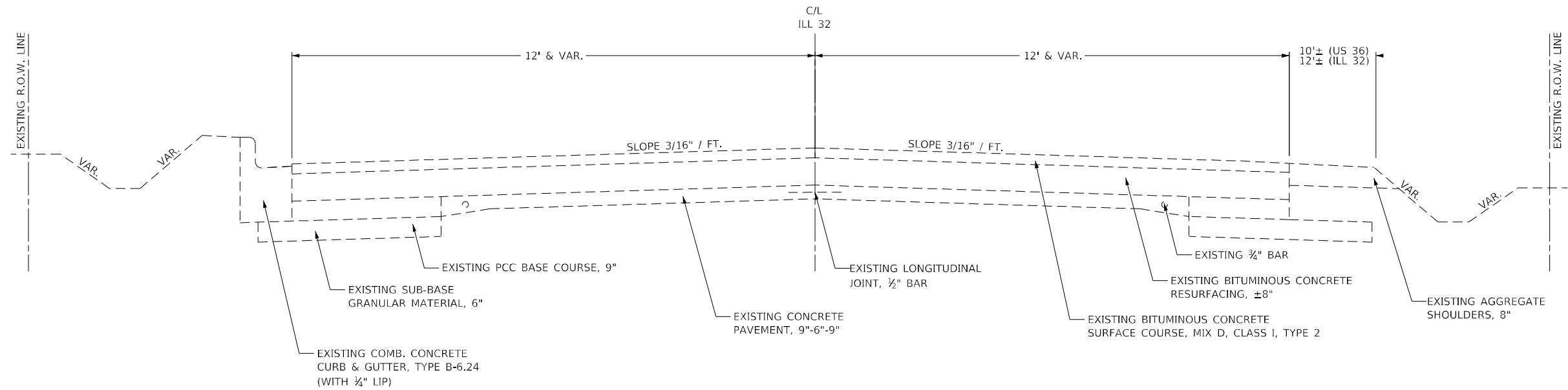
TYPICAL CROSS SECTIONS (US 36)

SCALE: NO SCALE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	9
CONTRACT NO. 74A24				
ILLINOIS FED. AID PROJECT				

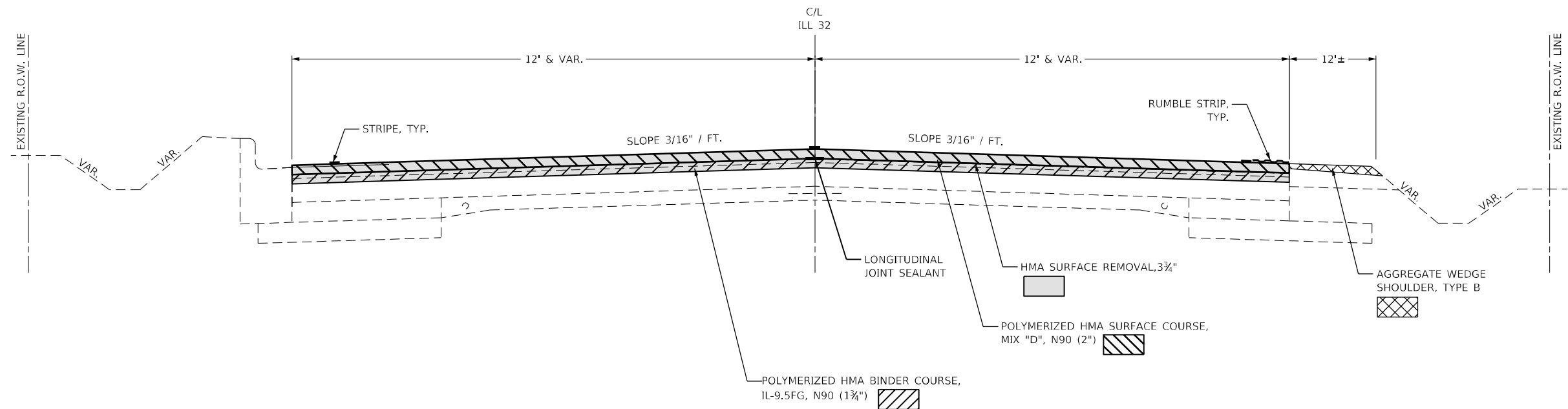
EXISTING TYPICAL CROSS SECTIONS (ILL 32)

STATION 49+23.07 TO STATION 47+90.18



PROPOSED TYPICAL CROSS SECTIONS (ILL 32)

STATION 49+23.07 TO STATION 47+90.18



MODEL: Default
 FILE: \\naulpc-pw-backend\com\PIV\DOT\Documents\DOT Office\Director_7\Projects\74A24\ICAD\Bids\CAD\Sheet\74A24-14-14-14-14.dgn

USER NAME = steffenmk	DESIGNED - LMH	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - LMH	REVISED -
PLOT DATE = 4/18/2022	CHECKED -	REVISED -
	DATE - 4/18/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

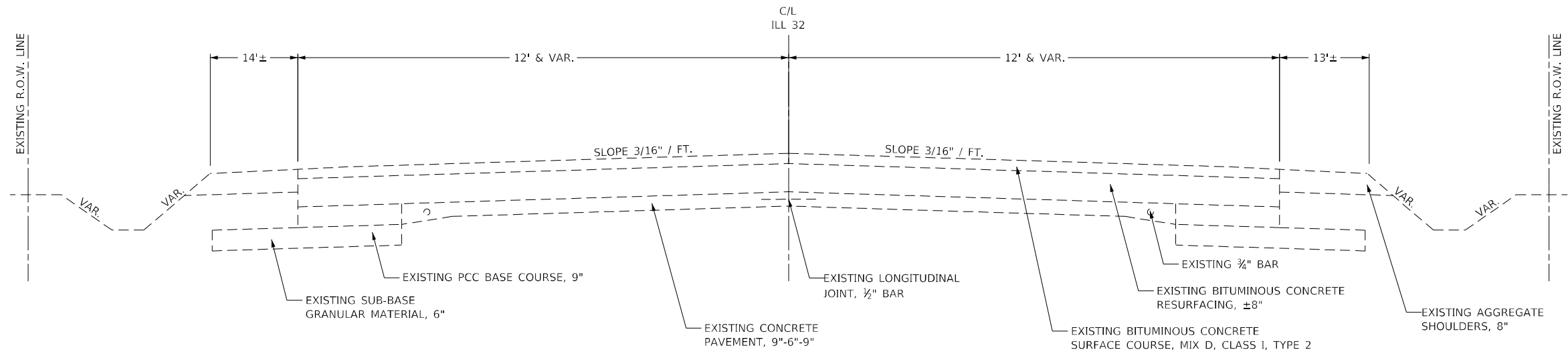
TYPICAL CROSS SECTIONS (ILL 32)

SCALE: NO SCALE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	10
CONTRACT NO. 74A24			ILLINOIS FED. AID PROJECT	

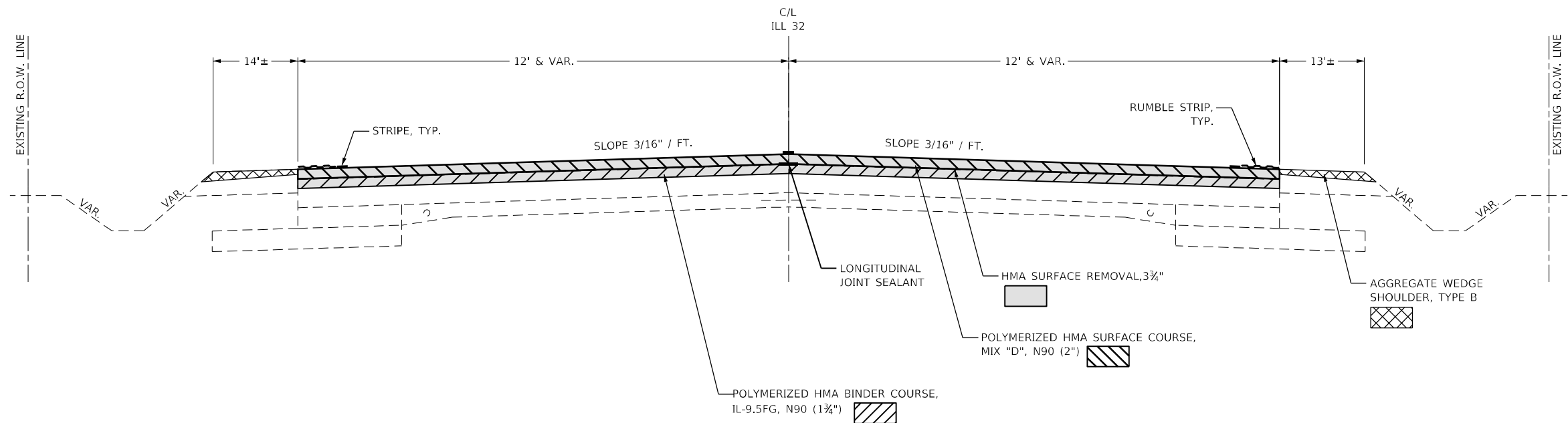
EXISTING TYPICAL CROSS SECTIONS (ILL 32)

STATION 47+90.18 TO STATION 45+50.00



PROPOSED TYPICAL CROSS SECTIONS (ILL 32)

STATION 47+90.18 TO STATION 45+50.00



MODEL: Default
 FILE: \\naulpc-pw-bea\paw.com\PIV\DOT\Documents\DOT Office\Director_T\Projects\74A24\ICAD\Bids\CAD\Sheets\74A24\4-18-22\typsec.dgn

USER NAME = steffnmk	DESIGNED - LMH	REVISED -
	DRAWN - LMH	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS (ILL 32)

SCALE: NO SCALE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	11
CONTRACT NO. 74A24				
ILLINOIS FED. AID PROJECT				

MODEL: Default
 FILE: \\blmfc-pw-bentley.com\FW\DOT\Documents\DOT Office\Dir\dr. 7\Project\74624\ICAD\Bdata\CAD\Sheet\74624\er-schedule.cop

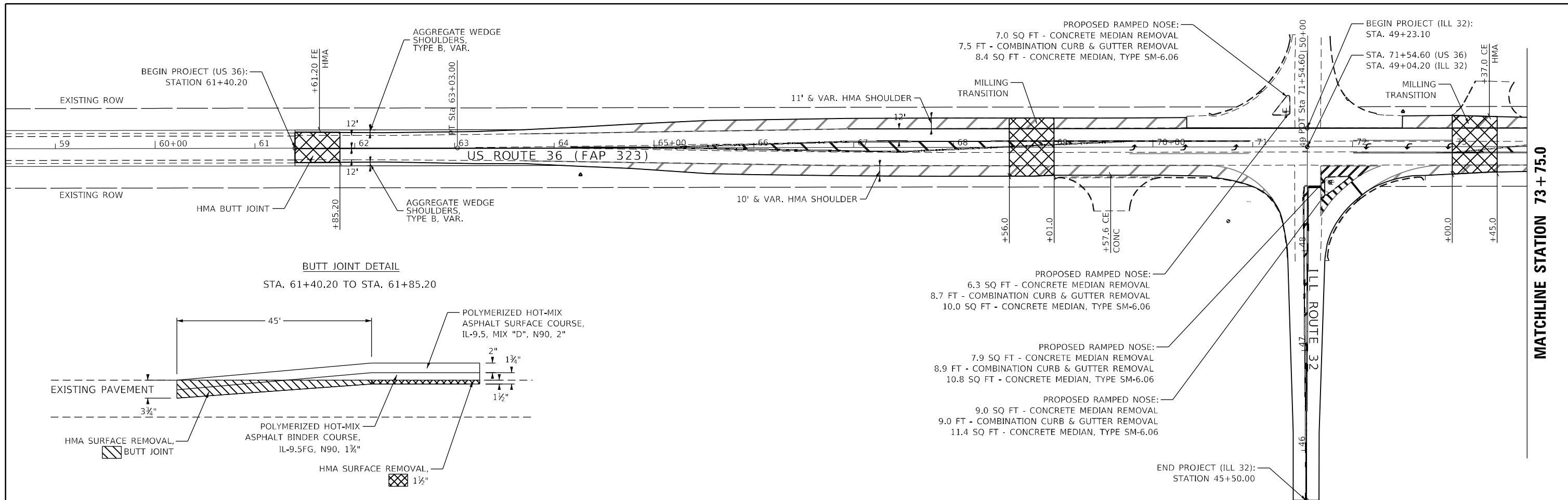
PAVING SCHEDULE			40600290 BITUMINOUS MATERIALS (TACK COAT)	40600370 LONGITUDINAL JOINT SEALANT	40600982 HMA SURFACE REMOVAL, BUTT JOINT	40600990 TEMPORARY RAMP	40603219 POLYMERIZED HMA BINDER COURSE, IL- 5.5FG, N90	40604164 POLYMERIZED HMA SURFACE COURSE, IL- 5.5, MIX "D", N90	44000155 HMA SURFACE REMOVAL, 1 1/2"	44000164 HMA SURFACE REMOVAL, 3 3/4"	44000165 HMA SURFACE REMOVAL, 4"	48203012 HOT-MIX ASPHALT SHOULDERS, 3 3/4"	64200108 SHOULDER RUMBLE STRIPS, 8 INCH	78100100 RAISED REFLECTIVE PAVEMENT MARKER (AMBER)	78100100 RAISED REFLECTIVE PAVEMENT MARKER (CRYSTAL)	78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL
STATION TO STATION			POUND	FOOT	SQ YD	SQ YD	TON	TON	SQ YD	SQ YD	SQ YD	SQ YD	FOOT	FOOT	FOOT	FOOT
61+40.2	TO	61+85.2	113.3	45.0	150.0	16.7	16.2	18.5	165.3	-	-	-	90.0	-	-	-
61+85.2	TO	68+55.9	1688.1	775.0	-	-	241.4	275.9	2463.3	-	-	-	622.6	4.0	-	4.0
68+55.9	TO	69+01.0	113.5	90.2	290.1	-	16.2	18.5	-	165.3	-	-	-	1.0	-	1.0
69+01.0	TO	73+00.0	1004.2	798.0	-	-	143.6	164.2	-	1465.8	-	-	-	30.0	8.0	38.0
73+00.0	TO	73+45.0	113.3	90.0	285.0	-	16.2	18.5	-	165.3	-	-	-	-	-	-
73+45.0	TO	78+00.0	1145.2	536.6	-	-	204.6	233.8	202.2	-	-	-	188.6	26.0	-	26.0
78+00.0	TO	136+44.8	14710.5	5844.8	100.0	-	1872.0	2139.4	3060.7	-	-	888.2	11361.5	76.0	-	76.0
136+44.8	TO	138+15.3	429.1	170.5	-	25.0	-	-	-	-	-	-	-	-	-	-
138+15.3	TO	151+98.9	3482.4	1383.5	100.0	25.0	452.0	516.6	615.0	-	-	-	2767.3	18.0	-	18.0
STATION EQUATION: 151+98.89 BK = 151+93.00 AH																
151+93.0	TO	304+89.1	34904.0	15296.1	100.0	25.0	4978.3	5689.5	51174.8	-	-	375.5	30166.2	192.0	-	192.0
304+89.1	TO	305+76.9	200.3	87.8	-	25.0	-	-	-	-	-	-	-	-	-	-
305+76.9	TO	380+93.1	17151.1	7516.2	100.0	-	2387.5	2728.5	25889.5	-	-	1527.7	14732.4	94.0	-	94.0
STATION EQUATION: 380+93.10 BK = 381+00.00 AH																
381+00.0	TO	477+32.4	22073.6	9632.4	100.0	25.0	2997.4	3425.6	33946.7	-	-	3360.9	18811.8	121.0	-	121.0
477+32.4	TO	478+04.6	165.4	72.2	-	-	-	-	-	-	-	-	-	-	-	-
478+04.6	TO	565+34.4	20005.2	8729.8	100.0	200.0	2824.6	3210.9	27268.3	1120.3	-	892.9	17098.6	109.0	-	109.0
565+34.4	TO	565+96.6	142.5	62.2	-	59.3	23.2	23.2	-	-	207.3	-	17604.4	1.0	-	1.0
565+96.6	TO	758+90.7	44214.3	19294.1	-	-	6302.7	7203.1	63921.7	-	-	-	38225.2	241.0	-	241.0
758+90.7	TO	759+35.7	103.1	45.0	150.0	16.7	14.7	16.8	148.6	-	-	-	90.0	1.0	-	1.0
US 36 TOTAL:			161760	70474	1476	418	22491	25684	208857	2917	210	7050	151759	914	8	922
ILL 32 MAINLINE																
STATION TO STATION			POUND	FOOT	SQ YD	SQ YD	TON	TON	SQ YD	SQ YD	SQ YD	FOOT	FOOT	FOOT	FOOT	
49+23.1	TO	45+50.0	1003.9	325.1	-	159.4	145.7	166.6	-	1487.2	-	-	650.2	16.0	-	16.0
ILL 32 TOTAL:			1004.0	326.0	0.0	160.0	146.0	167.0	0.0	1488.0	0.0	0.0	651.0	16.0	0.0	16.0
TOTALS:			162770	70800	1476	580	22640	25860	208860	4410	210	7050	152410	938		938

ISLAND SCHEDULE	44000500 COMBINATION CURB & GUTTER REMOVAL	60622400 CONCRETE MEDIAN, TYPE SM-6.06	X4403300 CONCRETE MEDIAN REMOVAL
LOCATION	FOOT	SQ FT	SQ FT
ISLAND N OF US 36	16.2	18.4	13.3
ISLAND S OF US 36	17.9	22.2	16.9
TOTALS:	34.1	40.6	30.2

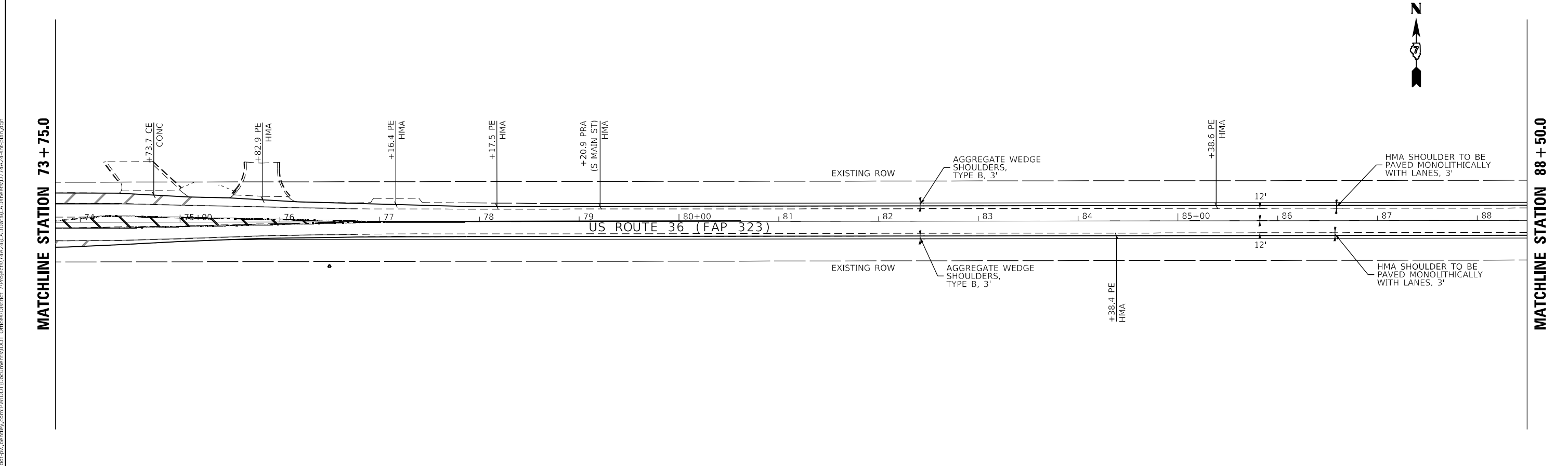
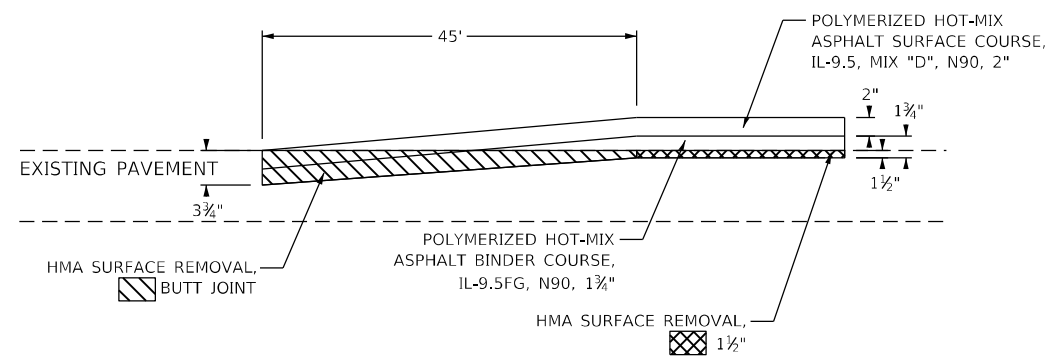
EROSION CONTROL SCHEDULE	20200100 EARTH EXCAVATION (FOR RIP-RAP PLACEMENT)	21400100 GRADING AND SHAPING DITCHES	28000305 TEMPORARY DITCH CHECKS	28000500 INLET AND PIPE PROTECTION	28100105 STONE RIPRAP, CLASS A3	28100107 STONE RIPRAP, CLASS A4	28200200 FILTER FABRIC	
LOCATION	CU YD	FOOT	FOOT	EACH	SQ YD	SQ YD	SQ YD	
CULVERT NO. 1 - C/L STATION 185+02.7	LT	9.0	42.0	20.0	2.0	-	20.0	20.0
CULVERT NO. 1 - C/L STATION 185+02.7	RT	9.0	107.0	40.0	-	-	20.0	20.0
CULVERT NO. 2 - C/L STATION 233+42.9	LT	3.0	51.0	20.0	1.0	10.0	-	10.0
CULVERT NO. 2 - C/L STATION 233+42.9	RT	3.0	109.0	40.0	-	10.0	-	10.0
CULVERT NO. 3 - C/L STATION 258+12.7	LT	2.0	62.0	20.0	-	8.0	-	8.0
CULVERT NO. 3 - C/L STATION 258+12.7	RT	2.0	44.0	20.0	1.0	8.0	-	8.0
CULVERT NO. 4 - C/L STATION 411+34.8	LT	3.0	81.0	30.0	-	12.0	-	12.0
CULVERT NO. 4 - C/L STATION 411+34.8	RT	3.0	105.0	40.0	1.0	12.0	-	12.0
TOTALS:		34	601	230	5	60	40	100

REV. - MS

USER NAME = stefenmk	DESIGNED - LMH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN - LMH	REVISED -	323						(141,142,143)RS-4	MOULTRIE	130	13	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 74A24				ILLINOIS		FED. AID PROJECT		
PLOT DATE = 4/18/2022	DATE - \$DATE\$	REVISED -		SCALE: NO SCALE	SHEET	OF	SHEETS	STA.	TO	STA.		



BUTT JOINT DETAIL
STA. 61+40.20 TO STA. 61+85.20



MODEL: Default
 FILE: \\na11e-pw-backend.com\FW\DOT\Documents\1001\Office\Director_7\Projects\7424\ICAD\Drawings\CAD\Sheet\7424-4-Plan.dwg

USER NAME = stefenmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	REVISIONS -	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

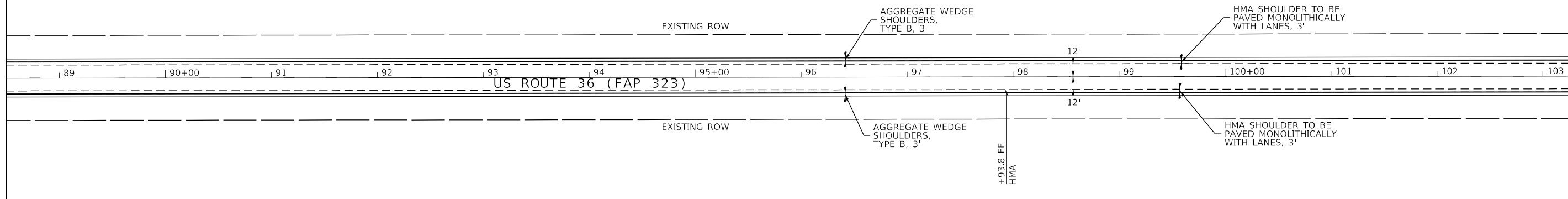
PLAN SHEETS
SCALE: 100,0000' / in. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	19
CONTRACT NO. 74A24				
ILLINOIS FED. AID PROJECT				



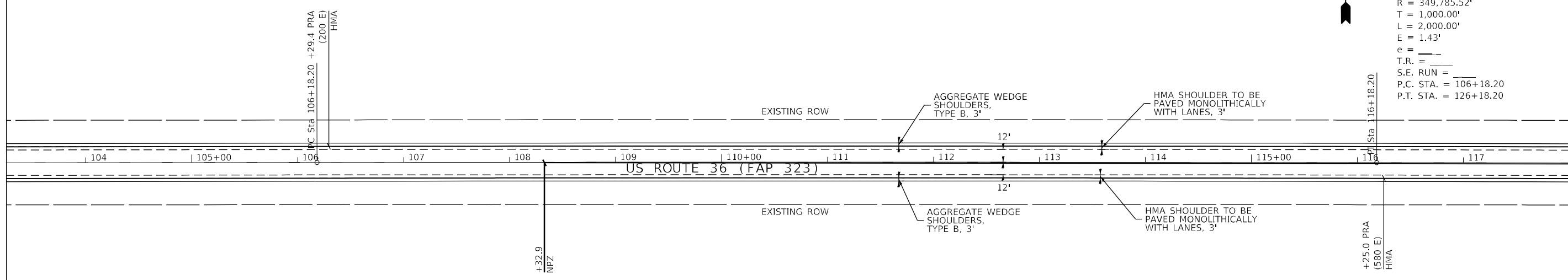
MATCHLINE STATION 88 + 50.0

MATCHLINE STATION 103 + 25.0



MATCHLINE STATION 103 + 25.0

MATCHLINE STATION 118 + 00.0



EXIST. CURVE C6A
 PI STA. = 116+18.20
 $\Delta = 0^\circ 19' 39''$ (RT)
 $D = 0^\circ 00' 59''$
 $R = 349,785.52'$
 $T = 1,000.00'$
 $L = 2,000.00'$
 $E = 1.43'$
 $e =$
 T.R. =
 S.E. RUN =
 P.C. STA. = 106+18.20
 P.T. STA. = 126+18.20

MODEL: Default
 FILE: \\blmfe-pw-bentley.com\PW\DOT\Documents\DOT Office\Dir\dr_7\Project\74A2\1\CAD\DATA\CAD\Sheet\DOT74A2\4\4.dgn

USER NAME = stefenmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	REVISIONS	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -

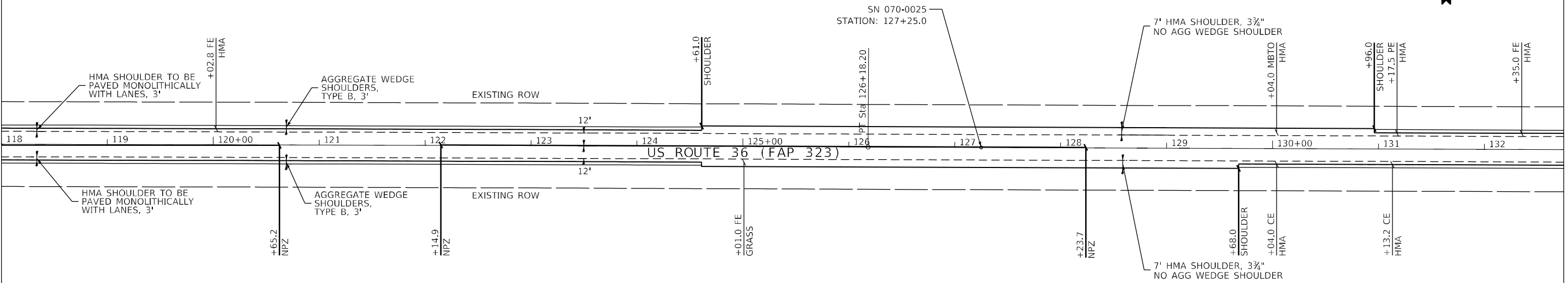
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS

SCALE: 100,0000' / in. SHEET OF SHEETS STA. TO STA.

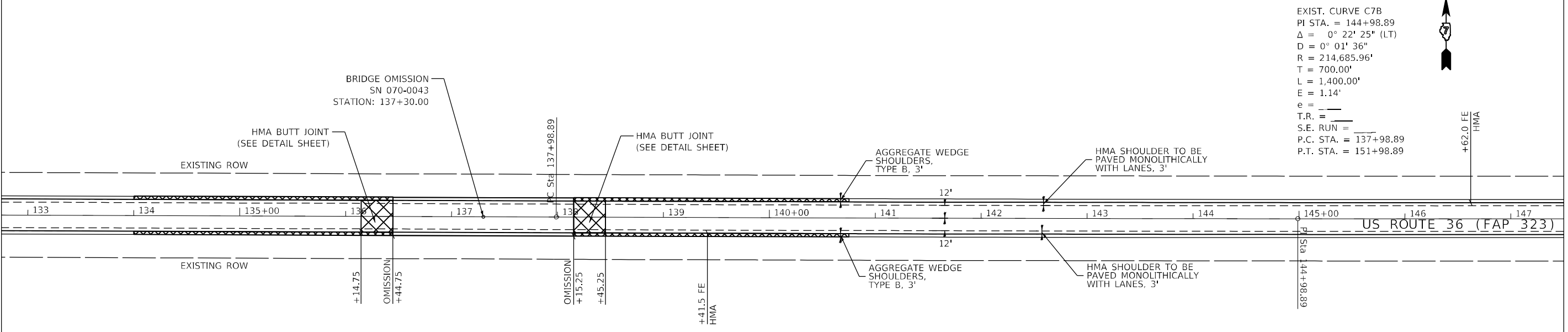
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	20
CONTRACT NO. 74A24			ILLINOIS FED. AID PROJECT	

MATCHLINE STATION 118 + 00.0



MATCHLINE STATION 132 + 75.0

MATCHLINE STATION 132 + 75.0



MATCHLINE STATION 147 + 50.0

EXIST. CURVE C7B
 PI STA. = 144+98.89
 $\Delta = 0^\circ 22' 25''$ (LT)
 $D = 0^\circ 01' 36''$
 $R = 214,685.96'$
 $T = 700.00'$
 $L = 1,400.00'$
 $E = 1.14'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 137+98.89$
 $P.T. STA. = 151+98.89$

MODEL: Default
 FILE: Mainfile_pdw\ultra-dwg-bead-fwy.com\PI\INDOT\Documents\INDOT\Office\Director_7\Projects\74A24\ICAD\DATA\CAD\FILES\DT74A24\FAP323.dwg

USER NAME = stefenmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	REVISIONS -	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -

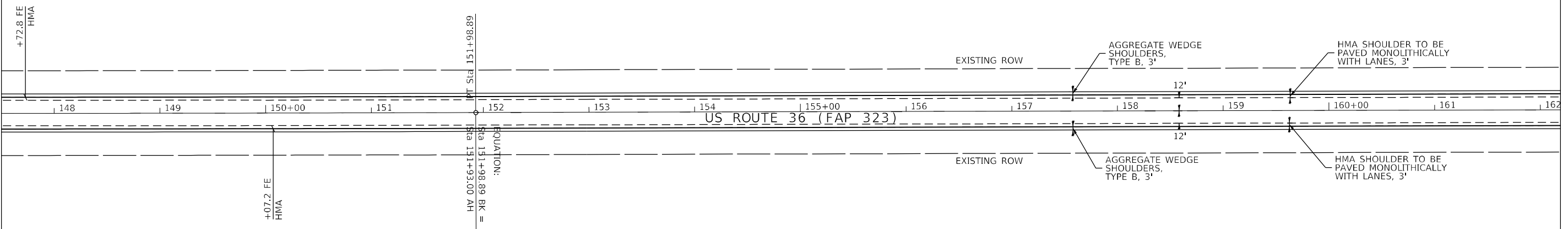
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS	
SCALE: 100,0000' / in.	SHEET OF SHEETS
STA. TO STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	21
CONTRACT NO. 74A24			ILLINOIS FED. AID PROJECT	

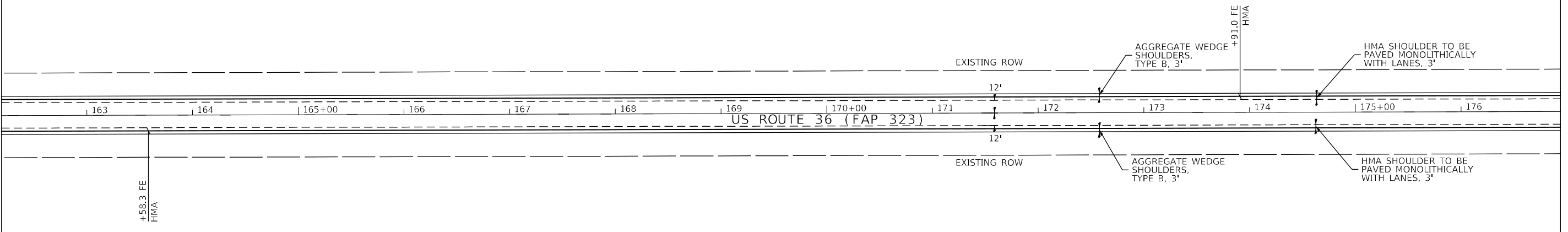
MODEL: Default
 FILE: \\mame-pw-bentley.com\PW\DOT\Documents\DOT\Office\Director_7\Projects\74A24\ICAD\DATA\CAD\Sheet\74A24-1-1-1.dgn

MATCHLINE STATION 147 + 50.0



MATCHLINE STATION 162 + 19.1

MATCHLINE STATION 162 + 19.1



MATCHLINE STATION 176 + 94.1

USER NAME = stefenmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	REVISIONS -	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

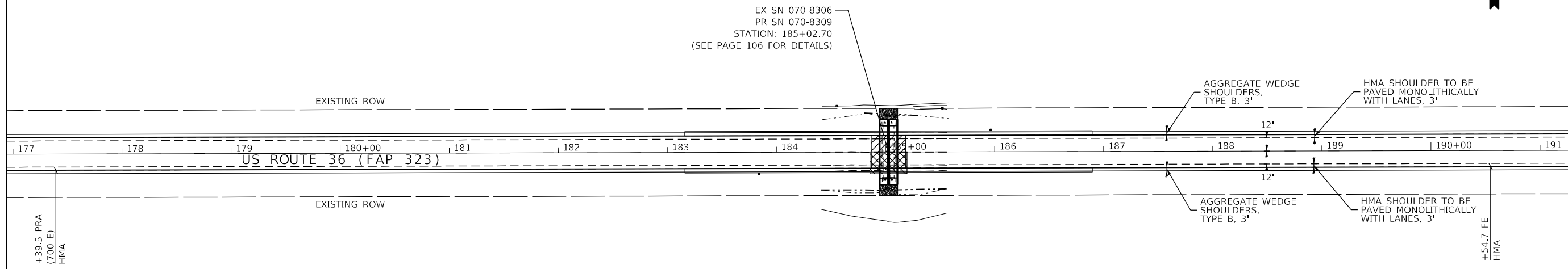
PLAN SHEETS

SCALE: 100,0000' / in. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	22
CONTRACT NO. 74A24				
ILLINOIS FED. AID PROJECT				

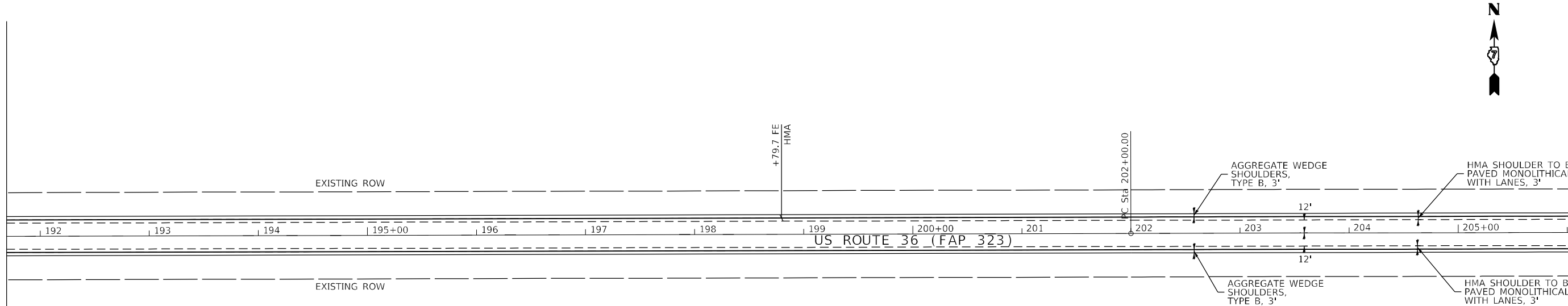
MODEL: Default
 FILE: \\mfm\p\sub\caw\benef\com\PIV\DOT\Documents\DOT\Office\Director_7\Project\74A24\ICAD\Basis\CAD\Figures\DOT74A24\caw\plan.dwg

MATCHLINE STATION 176 + 94.1



MATCHLINE STATION 191 + 69.1

MATCHLINE STATION 191 + 69.1



MATCHLINE STATION 206 + 44.2

USER NAME = stefenmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	REVISIONS -	
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

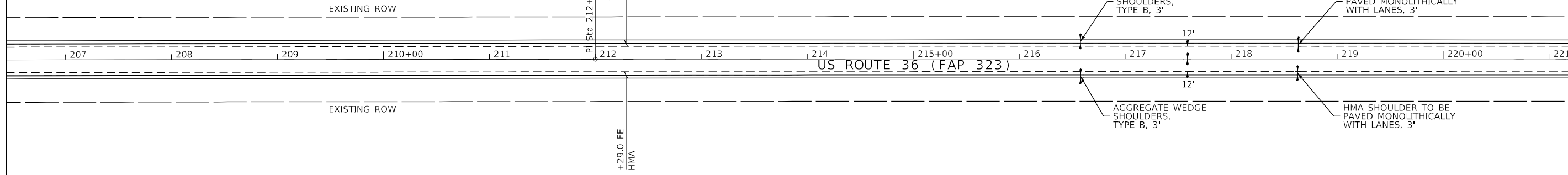
PLAN SHEETS

SCALE: 100,0000 ' / in. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	23
CONTRACT NO. 74A24			ILLINOIS FED. AID PROJECT	

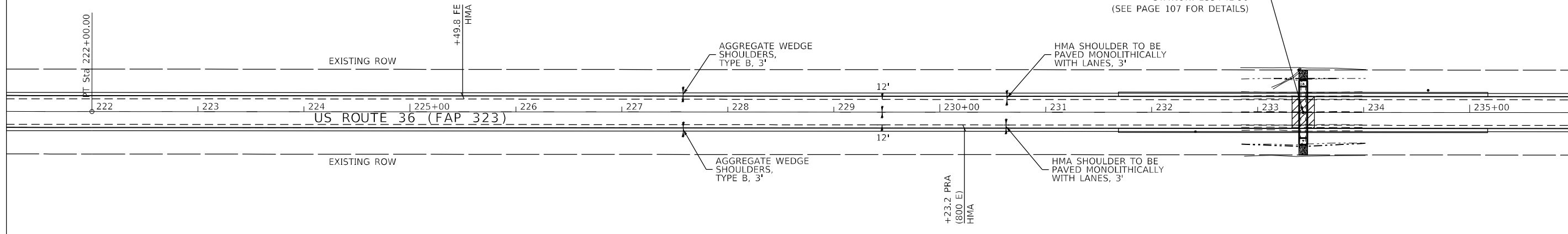
MATCHLINE STATION 206 + 44.2

EXIST. CURVE C1A
 PI STA. = 212+00.00
 $\Delta = 0^\circ 11' 16''$ (RT)
 $D = 0^\circ 00' 34''$
 $R = 610,693.02'$
 $T = 1,000.00'$
 $L = 2,000.00'$
 $E = 0.82'$
 $e = \text{---}$
 $T.R. = \text{---}$
 $S.E. RUN = \text{---}$
 P.C. STA. = 202+00.00
 P.T. STA. = 222+00.00



MATCHLINE STATION 221 + 19.2

MATCHLINE STATION 221 + 19.2



MATCHLINE STATION 235 + 94.2

MODEL: Default
 FILE: hmafe_pavuldet-pav_bentley.com\FWIDOT\Documents\DOT_Offices\Director_7\Projects\74624\ICAD\DATA\CAD\FILES\DOT74624\pavuldet.dgn

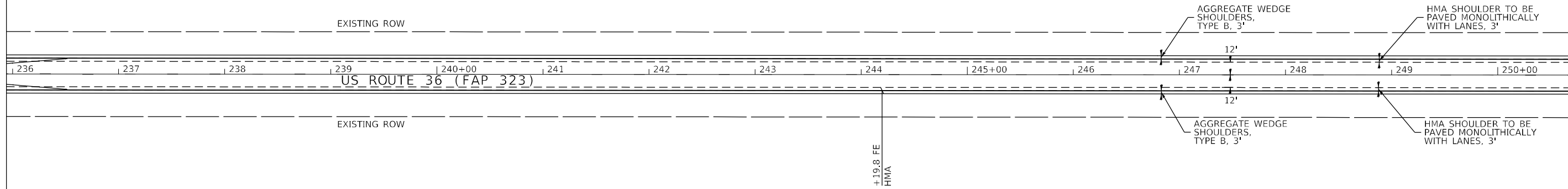
USER NAME = stefenmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	CHECKED -	REVISED -
PLOT SCALE = 100,0000' / in.	DATE - 4/18/2022	REVISED -
PLOT DATE = 4/18/2022		

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN SHEETS
 SCALE: 100,0000' / in. SHEET OF SHEETS STA. TO STA.

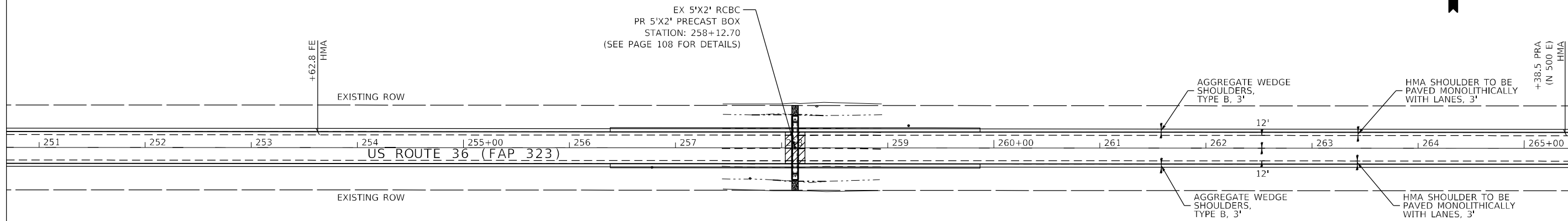
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	24
CONTRACT NO. 74A24				
ILLINOIS FED. AID PROJECT				

MATCHLINE STATION 235 + 94.2



MATCHLINE STATION 250 + 69.2

MATCHLINE STATION 250 + 69.2



MATCHLINE STATION 265 + 44.2

MODEL: Default
 FILE: \\mle-pw-bentley.com\PW\DOT\Documents\DOT Offices\Director_7\Projects\74A24\ICAD\Drawings\CAD\Sheet\74A24-4-Plan.dwg

USER NAME = stefenmk	DESIGNED - LMH	REVISED -
	DRAWN - LMH	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

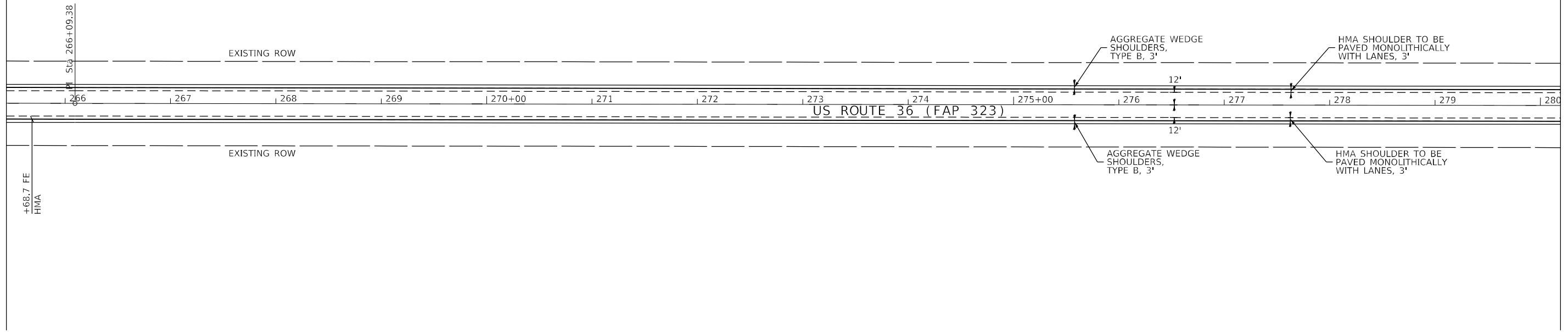
PLAN SHEETS

SCALE: 100,0000 ' / in. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	25
CONTRACT NO. 74A24			ILLINOIS FED. AID PROJECT	

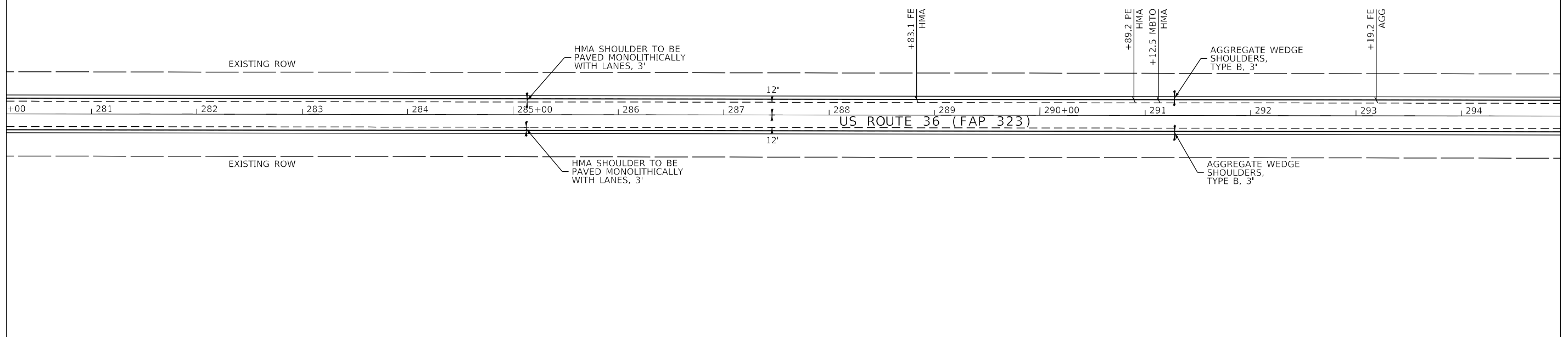
MODEL: Default
 FILE: \\mame-pw-backend.com\PW\DOT\Documents\DOT\Office\Director_7\Projects\74A24\CADD\DATA\CAD\Sheet\74A24-4-18.dgn

MATCHLINE STATION 265 + 44.2



MATCHLINE STATION 280 + 19.2

MATCHLINE STATION 280 + 19.2



MATCHLINE STATION 294 + 94.2

USER NAME = stefenmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	REVISIONS -	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

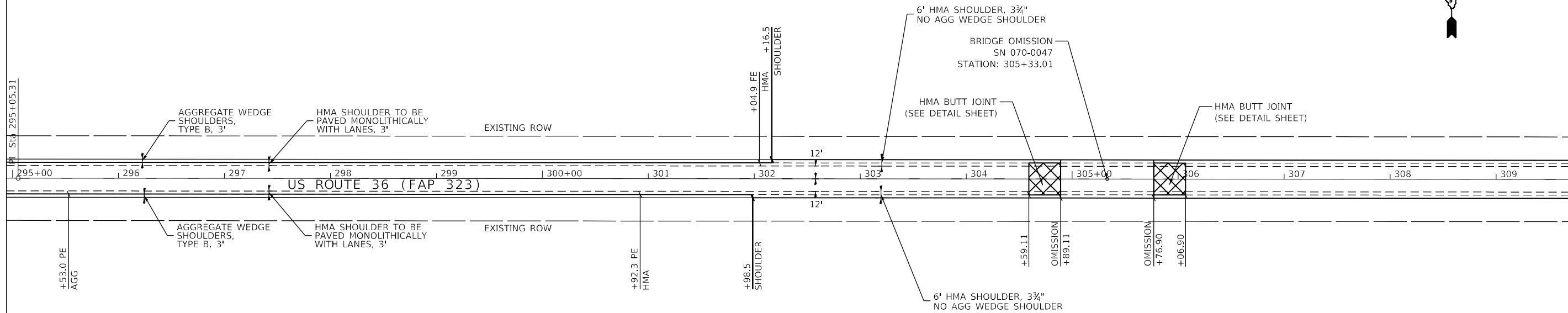
PLAN SHEETS

SCALE: 100,0000' / in. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	26
CONTRACT NO. 74A24			ILLINOIS FED. AID PROJECT	

MODEL: Default
 FILE: \\na16c-pw-beadley.com\P\INDOT\Documents\DOT_Offices\Director_7\Projects\74A24\ICAD\Drawings\CAD\Sheet\DOT74A24-4-Plan.dwg

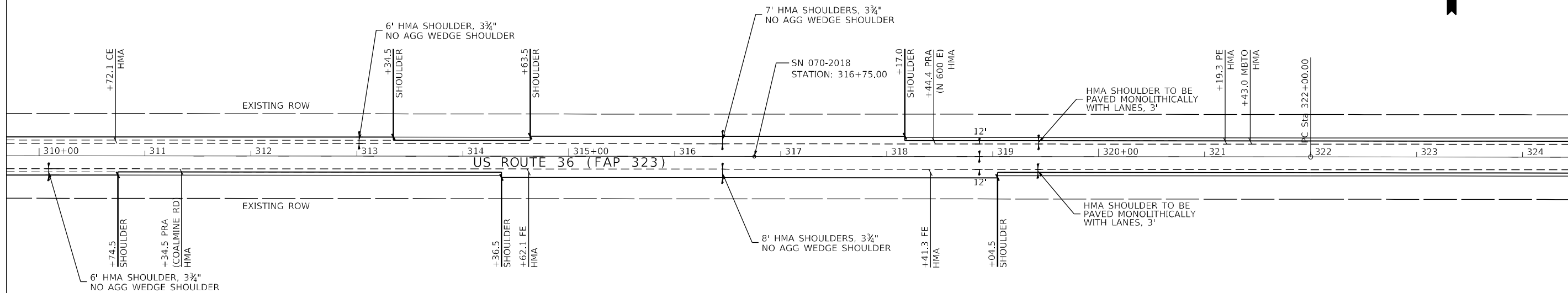
MATCHLINE STATION 294 + 94.2



MATCHLINE STATION 309 + 69.2



MATCHLINE STATION 309 + 69.2



MATCHLINE STATION 324 + 44.2



USER NAME = stefenmk	DESIGNED - LMH	REVISED -
	DRAWN - LMH	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

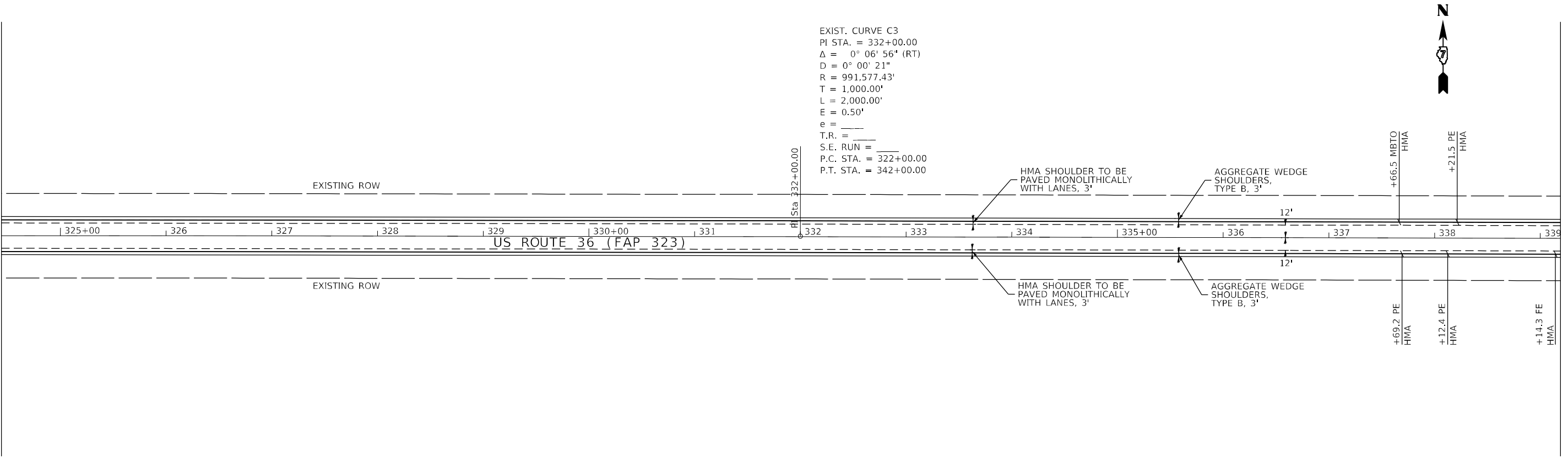
PLAN SHEETS

SCALE: 100,0000 ' / in. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	27
CONTRACT NO. 74A24				
ILLINOIS FED. AID PROJECT				

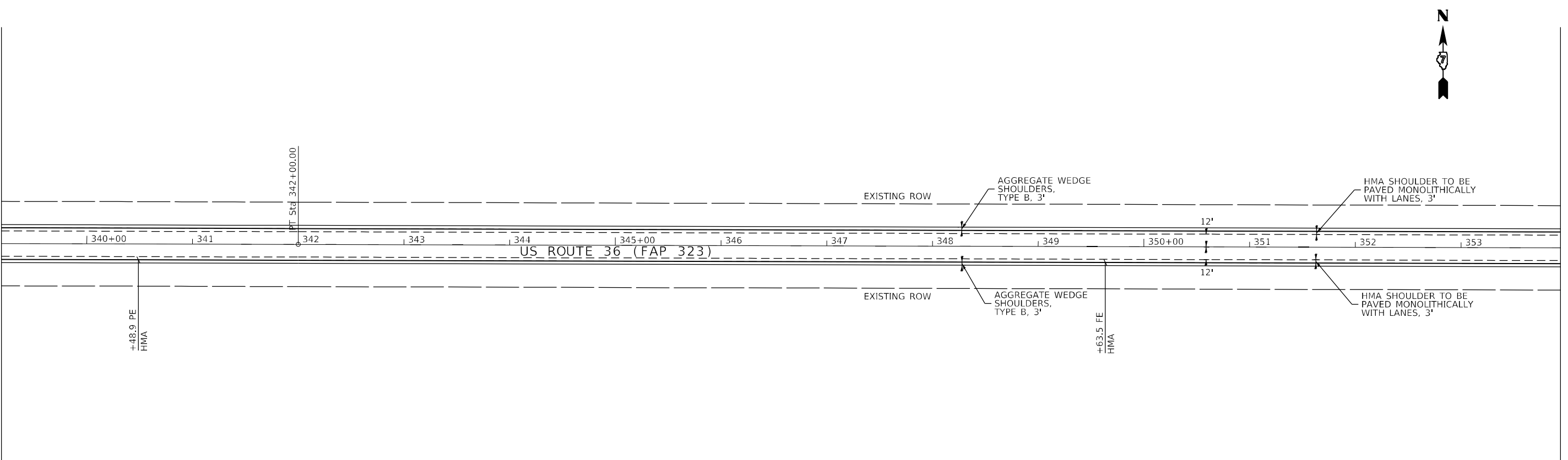
MODEL: Default
 FILE: Mainfile_pavuldet-pav-bead-fay.com\FW\DOT\Documents\DOT Office\Director_7\Projects\74A24\ICAD\DATA\CAD\Sheet\74A24-Left.dgn

MATCHLINE STATION 324 + 44.2



MATCHLINE STATION 339 + 19.2

MATCHLINE STATION 339 + 19.2



MATCHLINE STATION 353 + 94.2

USER NAME = stefenmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	REVISIONS -	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -

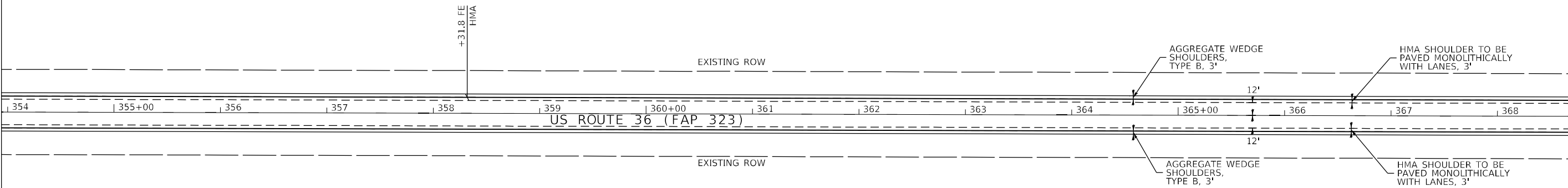
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS

SCALE: 100,0000' / in. SHEET OF SHEETS STA. TO STA.

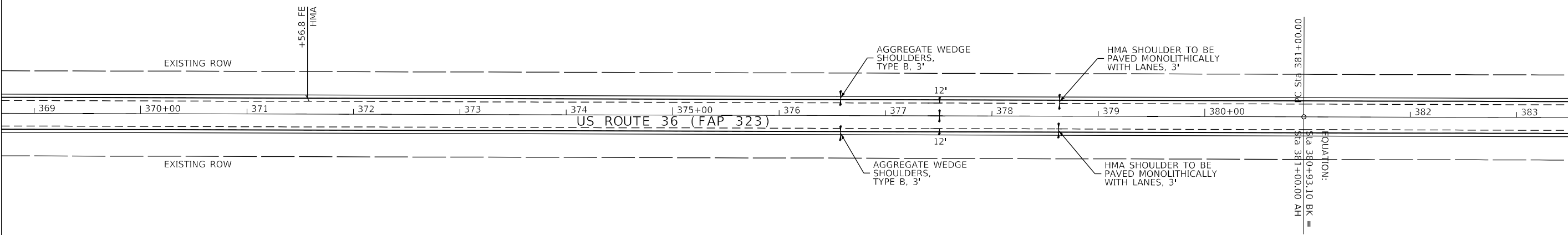
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	28
CONTRACT NO. 74A24				
ILLINOIS FED. AID PROJECT				

MATCHLINE STATION 353 + 94.2



MATCHLINE STATION 368 + 69.2

MATCHLINE STATION 368 + 69.2



MATCHLINE STATION 383 + 51.1

MODEL: Default
 FILE: 74A24\14000Data\CAD\Figures\74A24\plan.dwg
 PROJECT: 74A24\14000Data\CAD\Figures\74A24\plan.dwg

USER NAME = steffenmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	REVISIONS -	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS
 SCALE: 100,0000' / in. SHEET OF SHEETS STA. TO STA.

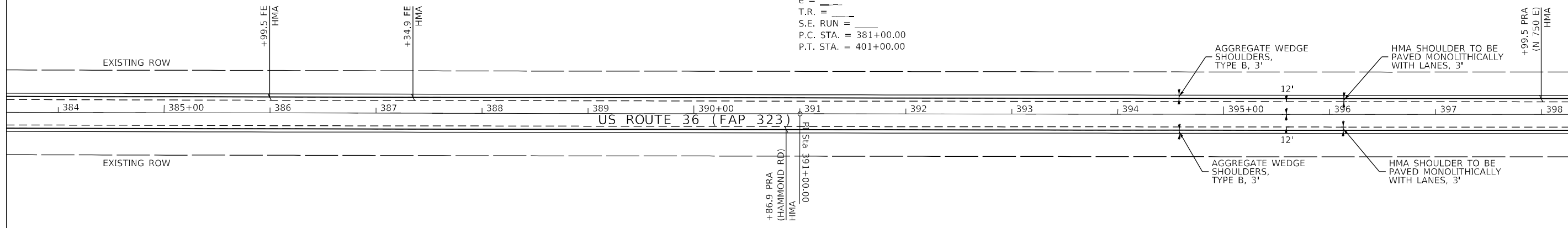
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	29
CONTRACT NO. 74A24			ILLINOIS FED. AID PROJECT	

EXIST. CURVE C4
 PI STA. = 391+00.00
 $\Delta = 0^\circ 09' 32''$ (LT)
 $D = 0^\circ 00' 29''$
 $R = 720,615.28'$
 $T = 1,000.00'$
 $L = 2,000.00'$
 $E = 0.69'$
 $e = \text{---}$
 $T.R. = \text{---}$
 $S.E. \text{ RUN} = \text{---}$
 $P.C. \text{ STA.} = 381+00.00$
 $P.T. \text{ STA.} = 401+00.00$



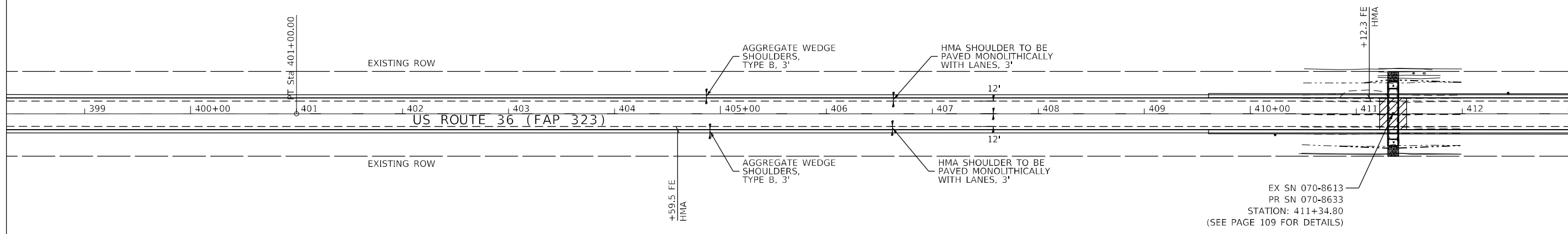
MATCHLINE STATION 383 + 51.1

MATCHLINE STATION 398 + 26.1



MATCHLINE STATION 398 + 26.1

MATCHLINE STATION 413 + 01.1



EX SN 070-8613
 PR SN 070-8633
 STATION: 411+34.80
 (SEE PAGE 109 FOR DETAILS)

MODEL: Default
 FILE: \\mupc-pw-bentley.com\PW\DOT\Documents\DOT Office\Director_T\Projects\74A24\ICADD\Bids\CAD\References\74A24-1-1-1.dgn

USER NAME = stefenmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	REVISIONS -	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

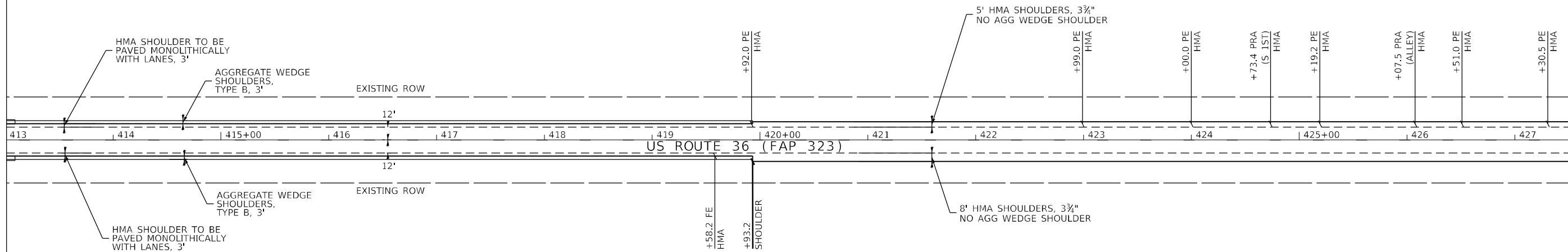
PLAN SHEETS

SCALE: 100,0000' / in. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	30
CONTRACT NO. 74A24			ILLINOIS FED. AID PROJECT	

MODEL: Default
 FILE: \\mupc-pw-backend.com\FW\DOT\Documents\DOT Office\Drawings\Project\74624\ICADD\Drawings\CADD\Sheet\74624-4-Plan.dwg

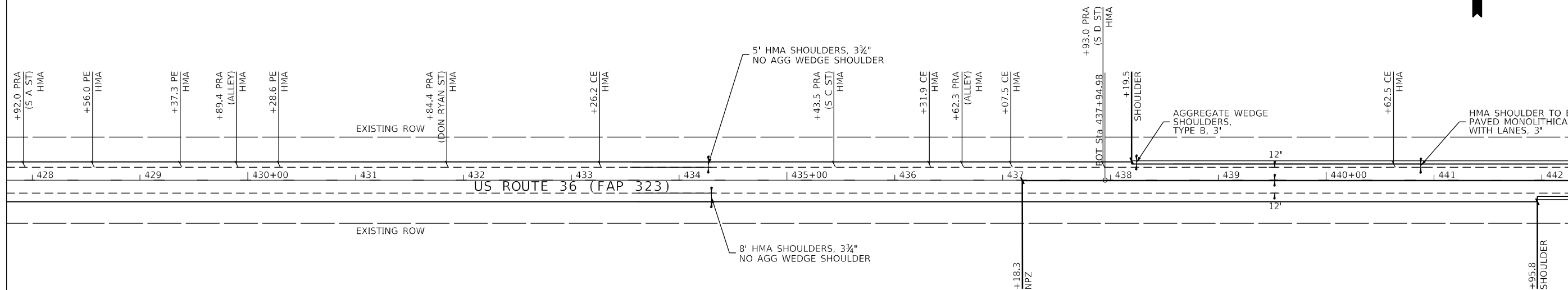
MATCHLINE STATION 413+01.1



MATCHLINE STATION 427+76.1



MATCHLINE STATION 427+76.1



MATCHLINE STATION 442+51.1



USER NAME = stefnsmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	REVISIONS -	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

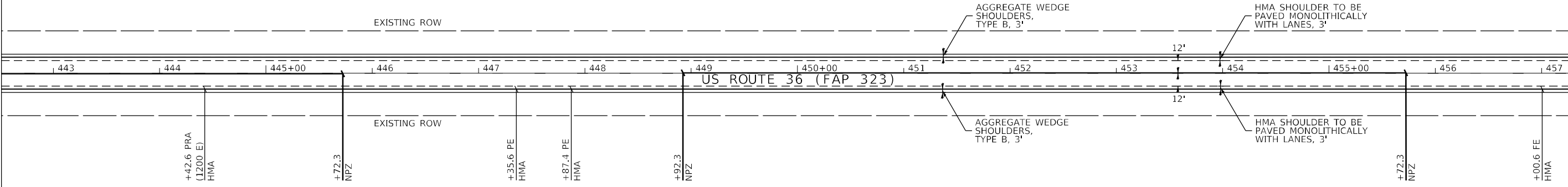
PLAN SHEETS

SCALE: 100,0000' / in. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	31
CONTRACT NO. 74A24				
ILLINOIS FED. AID PROJECT				

MODEL: Default
 FILE: Mainfile.pia\subject-cw-bead-fay.com\FW\DOT\Documents\DOT Office\Director_T\Projects\74A24\ICADD\BATS\CAD\FKRES\ID74A24\cshdplan.dgn

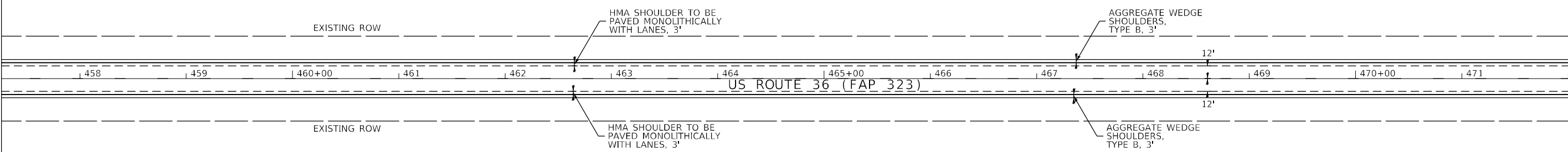
MATCHLINE STATION 442 + 51.1



MATCHLINE STATION 457 + 26.1



MATCHLINE STATION 457 + 26.1



MATCHLINE STATION 472 + 01.1



USER NAME = steffnmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	CHECKED -	REVISED -
PLOT SCALE = 100,0000' / in.	DATE - 4/18/2022	REVISED -
PLOT DATE = 4/18/2022		

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

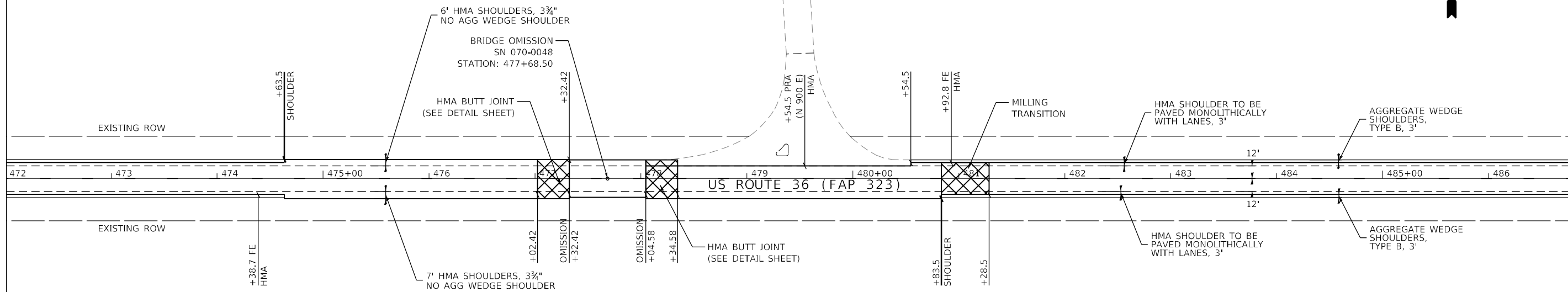
PLAN SHEETS

SCALE: 100,0000' / in. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	32
CONTRACT NO. 74A24			ILLINOIS FED. AID PROJECT	

MODEL: Default
 FILE: Mainfile.pia
 SUBJECT: new_bentley.com\FWIDOT\Documents\DOT_Offices\Director_7\Projects\74A24\ICADD\BentleyCAD\Projects\DOT74A24\Sheet.dgn

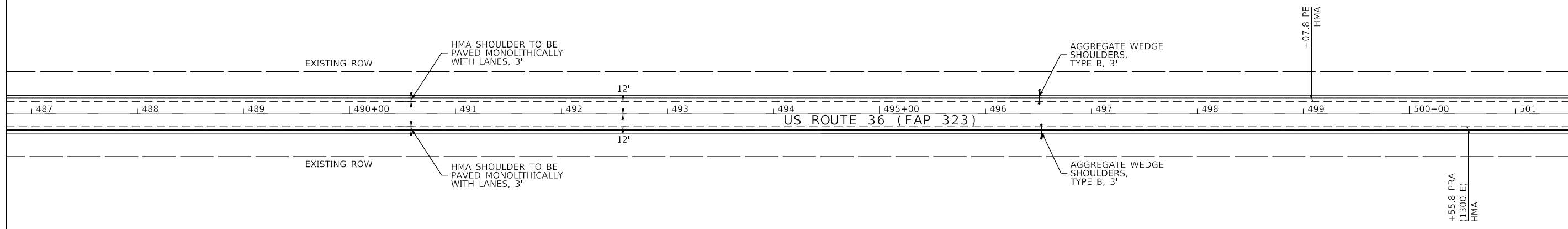
MATCHLINE STATION 472 + 01.1



MATCHLINE STATION 486 + 76.1



MATCHLINE STATION 486 + 76.1



MATCHLINE STATION 501 + 51.1



USER NAME = stefenmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	REVISIONS -	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS

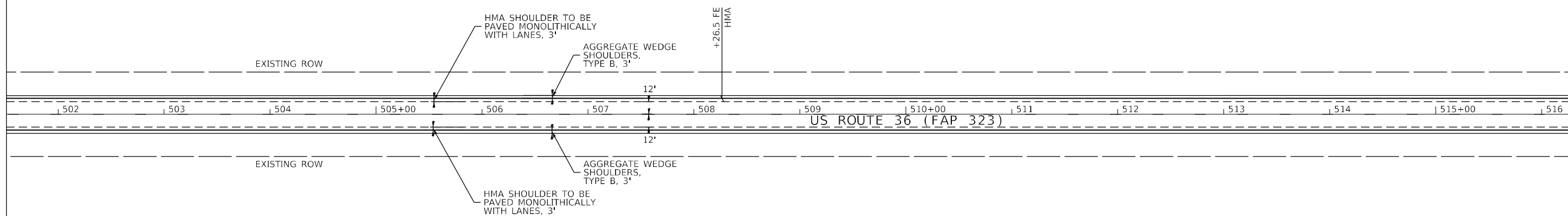
SCALE: 100,0000' / in. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	33
CONTRACT NO. 74A24			ILLINOIS FED. AID PROJECT	



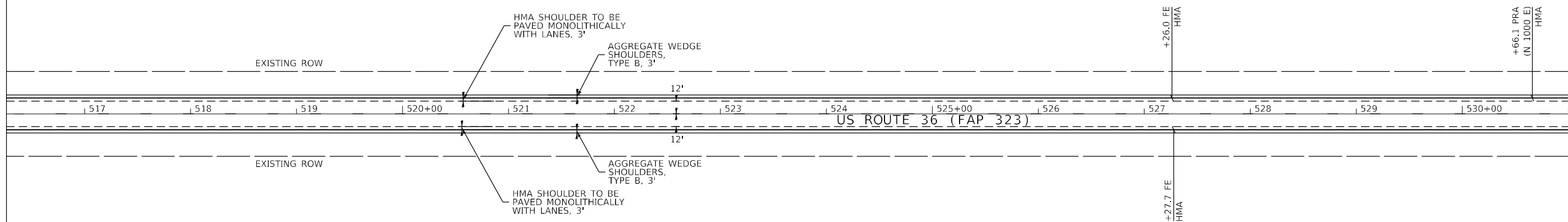
MATCHLINE STATION 501 + 51.1

MATCHLINE STATION 516 + 26.1



MATCHLINE STATION 516 + 26.1

MATCHLINE STATION 531 + 01.1



MODEL: Default
FILE: \\mde\p\project\paw\benefy.com\PIV\DOT\Documents\DOT Office\Director_7\Project\74A24\CADD\Bids\CAD\Sheet\74A24-4-1-1.dwg

USER NAME = stefenmk	DESIGNED - LMH	REVISED -
	DRAWN - LMH	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

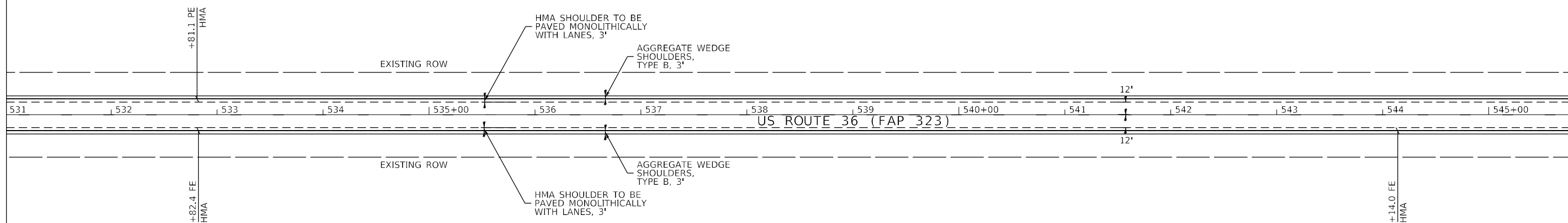
PLAN SHEETS

SCALE: 100,0000' / in. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	34
CONTRACT NO. 74A24				
ILLINOIS FED. AID PROJECT				

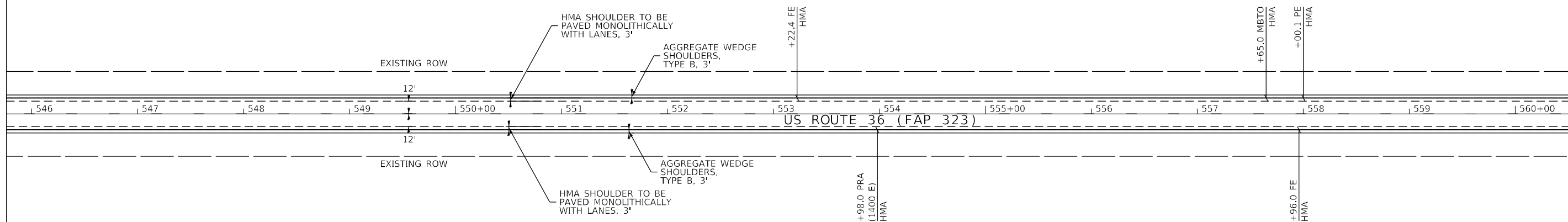


MATCHLINE STATION 531 + 01.1



MATCHLINE STATION 545 + 76.1

MATCHLINE STATION 545 + 76.1



MATCHLINE STATION 560 + 51.1



MODEL: Default
FILE: hmlr15_p101uldrct-pw-bead-fy.com\FW\DOT\Documents\DOT Office\Director_T\Projects\74A24\ICAD\Bids\CAD\Sheet\74A24-1-1-1.dwg

USER NAME = stefnkmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	CHECKED -	REVISED -
PLOT SCALE = 100,0000 ' / in.	DATE - 4/18/2022	REVISED -
PLOT DATE = 4/18/2022		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

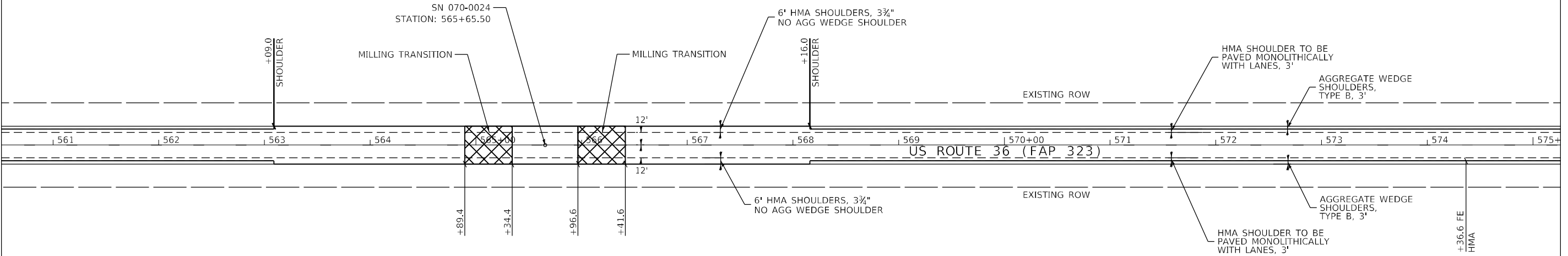
PLAN SHEETS

SCALE: 100,0000 ' / in. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	35
CONTRACT NO. 74A24			ILLINOIS FED. AID PROJECT	

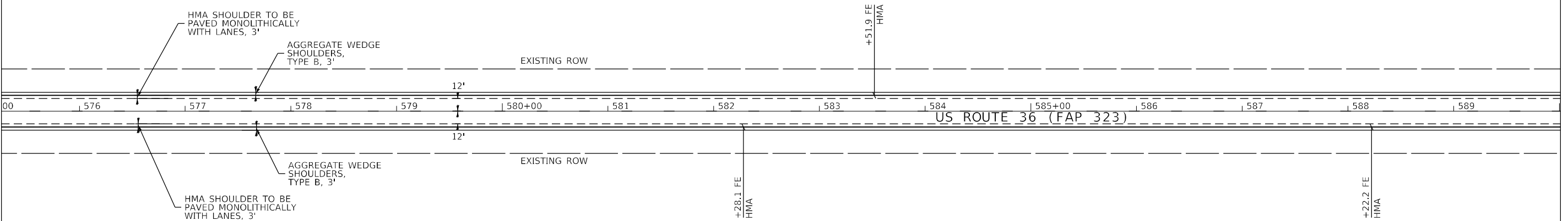
MODEL: Default
 FILE: \\maile-pw-backend.com\FW\DOT\Documents\DOT_Offices\Director_7\Projects\74A24\ICADD\Bids\CADD\Sheet\74A24-4-Plan.dwg

MATCHLINE STATION 560 + 51.1



MATCHLINE STATION 575 + 26.1

MATCHLINE STATION 575 + 26.1



MATCHLINE STATION 590 + 01.1

USER NAME = stefenmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	REVISIONS -	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -

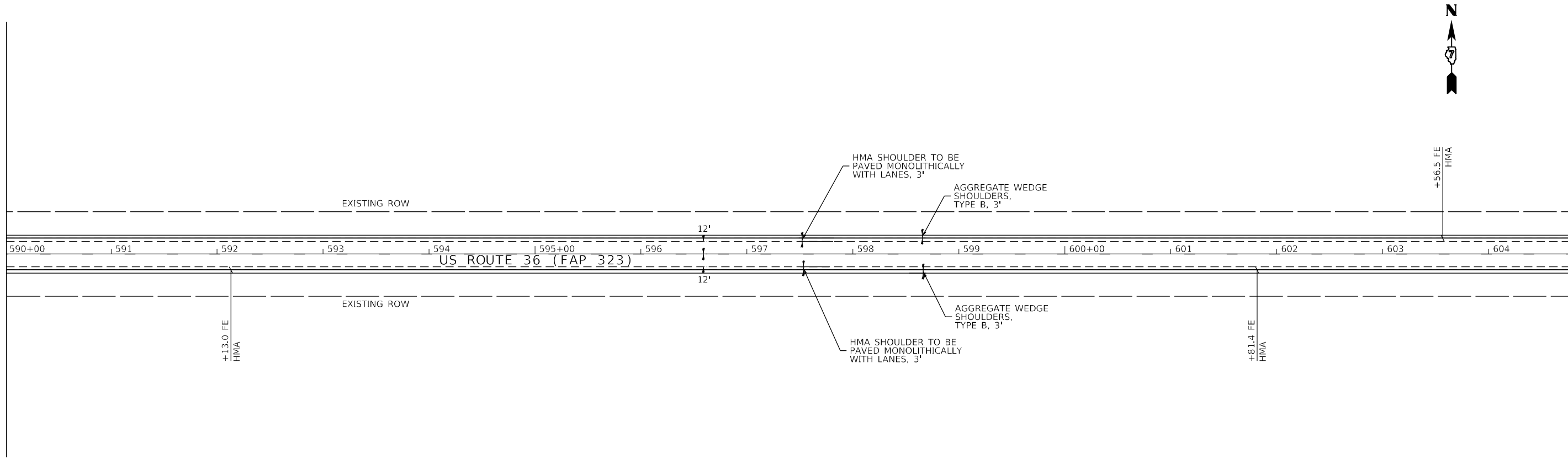
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS

SCALE: 100,0000' / in. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	36
CONTRACT NO. 74A24			ILLINOIS FED. AID PROJECT	

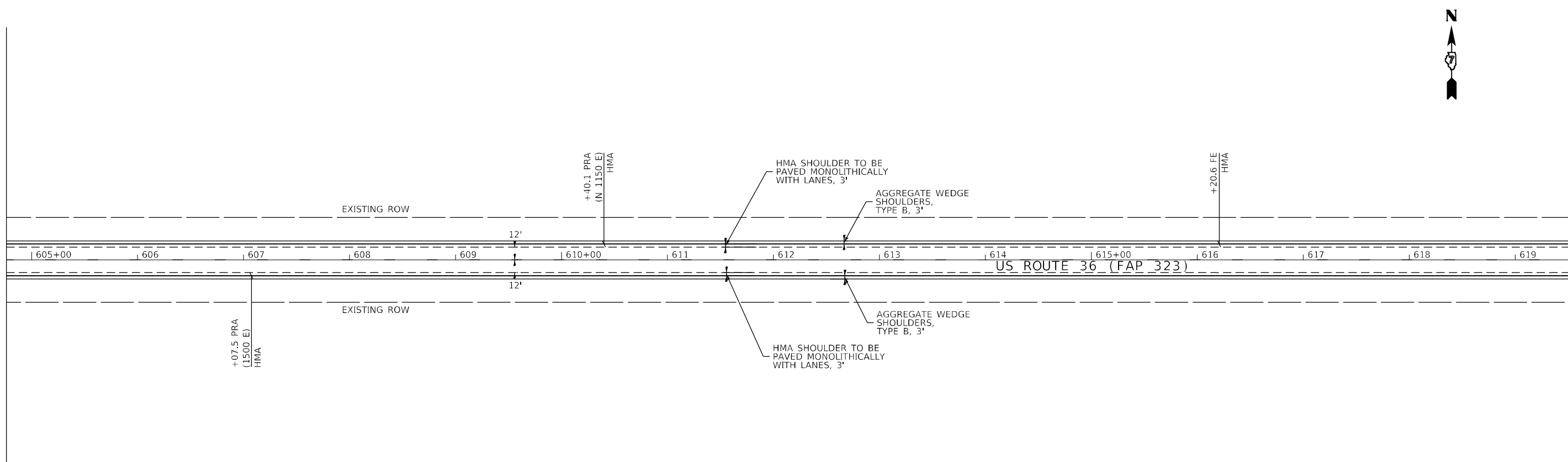
MATCHLINE STATION 590 + 01.1



MATCHLINE STATION 604 + 76.1



MATCHLINE STATION 604 + 76.1



MATCHLINE STATION 619 + 51.1



MODEL: Default
FILE: hma18_pra1500_e.dwg
PROJECT: 7424\ICAD\DATA\CAD\FRONT\7424\18\h18.dwg

USER NAME = stefenmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	REVISIONS	
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -

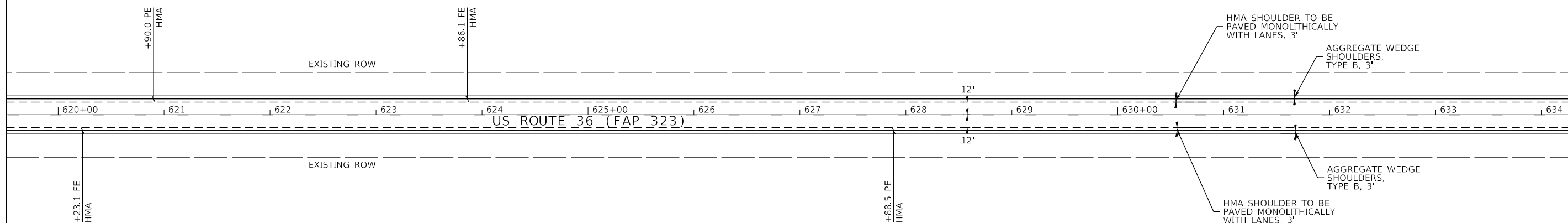
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS
SCALE: 100,0000 ' / in. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 323	SECTION (141,142,143)RS-4	COUNTY MOULTRIE	TOTAL SHEETS 130	SHEET NO. 37
CONTRACT NO. 74A24			ILLINOIS FED. AID PROJECT	



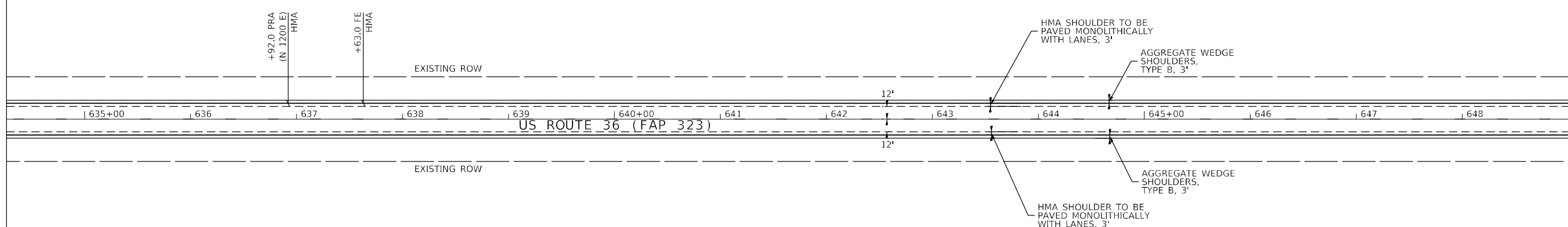
MATCHLINE STATION 619 + 51.1



MATCHLINE STATION 634 + 26.1



MATCHLINE STATION 634 + 26.1



MATCHLINE STATION 649 + 01.1

MODEL: Default
 FILE: Mainfile_pdw\subject-pw-bee\paw.com\PIV\DOT\Documents\DOT Office\Director_T\Projects\74A24\ICAD\Drawings\CAD\Sheet\74A24-4-Plan.dwg

USER NAME = stefenmk	DESIGNED - LMH	REVISED -
	DRAWN - LMH	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

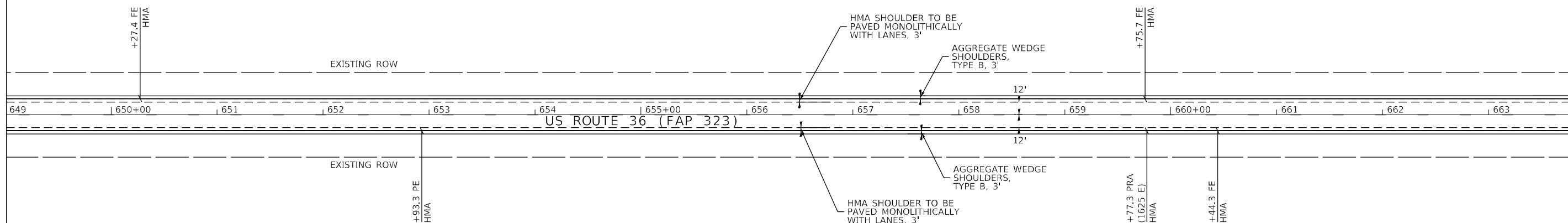
PLAN SHEETS

SCALE: 100,0000 ' / in. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	38
CONTRACT NO. 74A24			ILLINOIS FED. AID PROJECT	



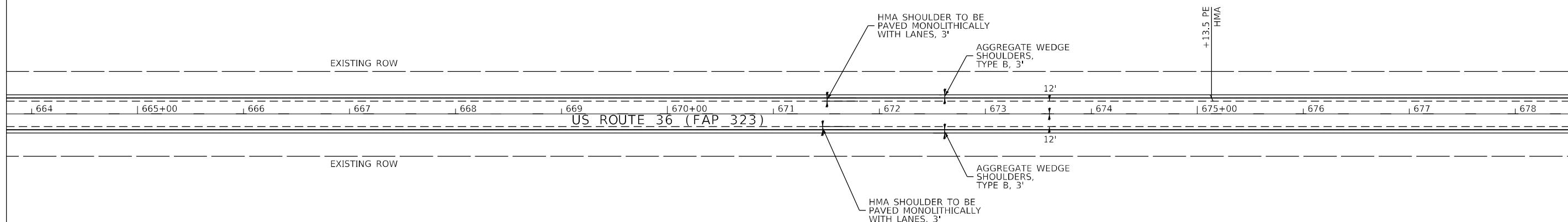
MATCHLINE STATION 649 + 01.1



MATCHLINE STATION 663 + 76.1



MATCHLINE STATION 663 + 76.1



MATCHLINE STATION 678 + 51.1

MODEL: Default
FILE: Mainfile_pavuldet-pav-bead-fay.com?PVIDDOT:Documents\DOT_Offices\Director_7\Projects\74A24\ICAD\Drawings\CAD\Sheet\74A24-1-1-1.dwg

USER NAME = stefenmk	DESIGNED - LMH	REVISED -
	DRAWN - LMH	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

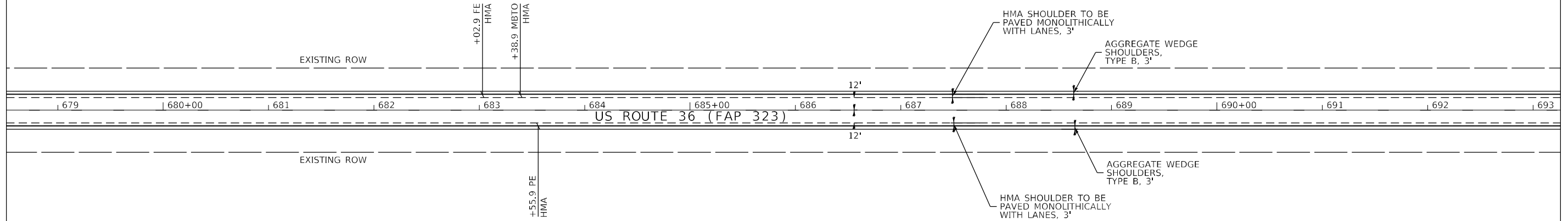
PLAN SHEETS

SCALE: 100,0000 ' / in. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	39
CONTRACT NO. 74A24				
ILLINOIS FED. AID PROJECT				

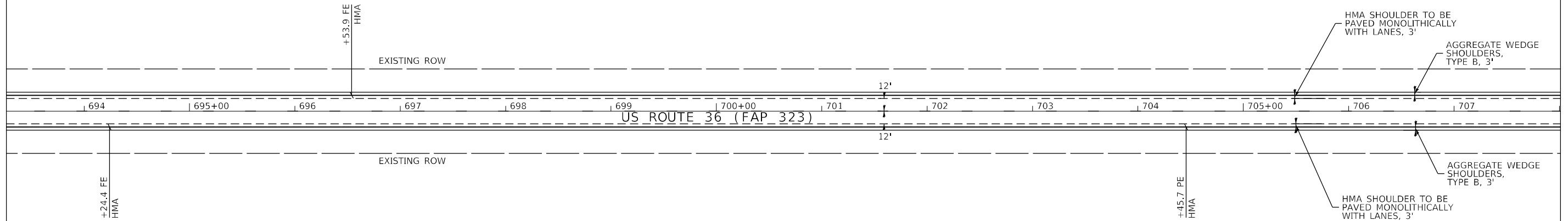
MODEL: Default
 FILE: hmafe_pavuldet-pav-bead-fay.com\FW\DOT\Documents\DOT Office\Director_T\Projects\74A24\ICAD\Bids\CAD\Sheet\74A24-4-18-22.dwg

MATCHLINE STATION 678 + 51.1



MATCHLINE STATION 693 + 26.1

MATCHLINE STATION 693 + 26.1



MATCHLINE STATION 708 + 01.1

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS

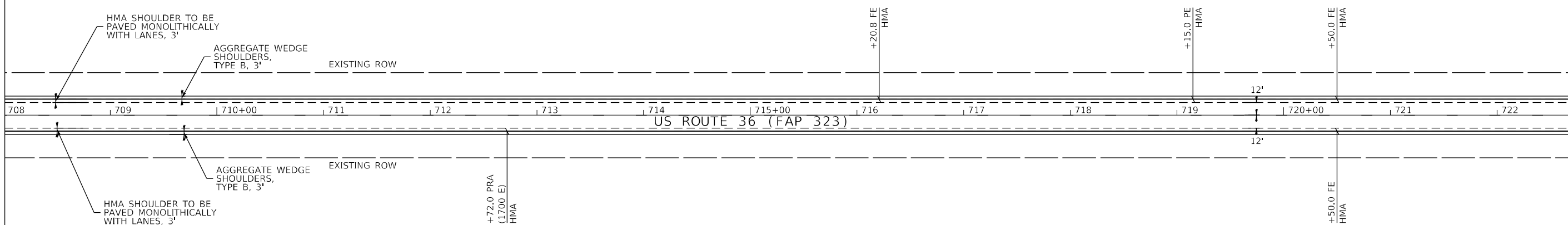
USER NAME = stefnkmk	DESIGNED - LMH	REVISED -
	DRAWN - LMH	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -

SCALE: 100,0000 ' / in. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	40
CONTRACT NO. 74A24				
ILLINOIS FED. AID PROJECT				



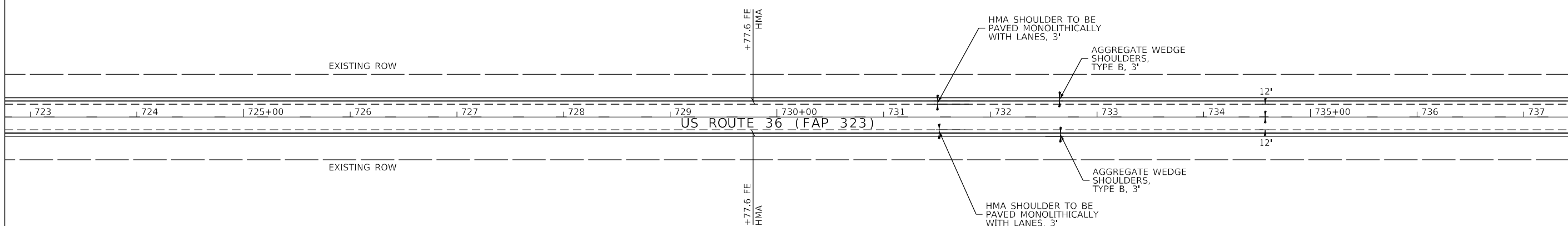
MATCHLINE STATION 708 + 01.1



MATCHLINE STATION 722 + 76.1



MATCHLINE STATION 722 + 76.1



MATCHLINE STATION 737 + 51.1

MODEL: Default
 FILE: Mainfile.pia
 SUBJECT: new_beaufay.com
 PIV: I:\DOT\Documents\1\DOT Office\Director_7\Projects\74A24\ICAD\Drawings\CAD\Sheet\74A24-4-1-Plan.dwg

USER NAME = stefenmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	REVISIONS -	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS

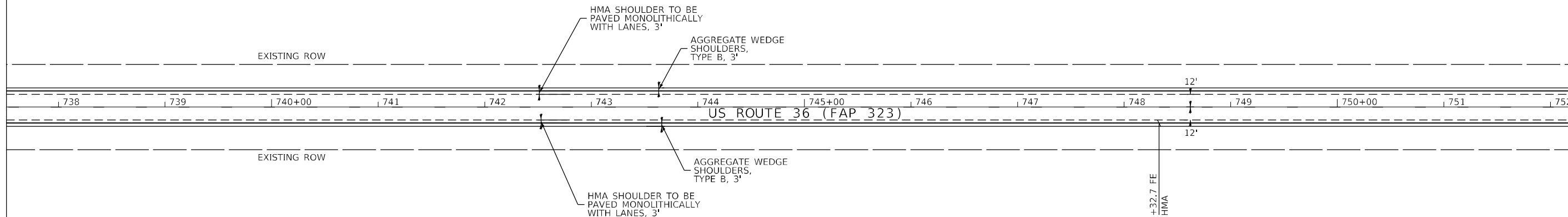
SCALE: 100,0000' / in. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	41
CONTRACT NO. 74A24			ILLINOIS FED. AID PROJECT	

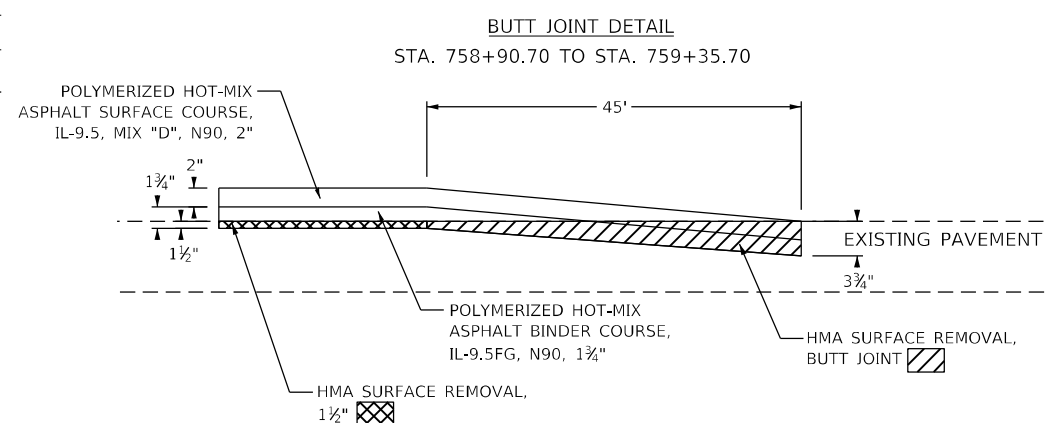
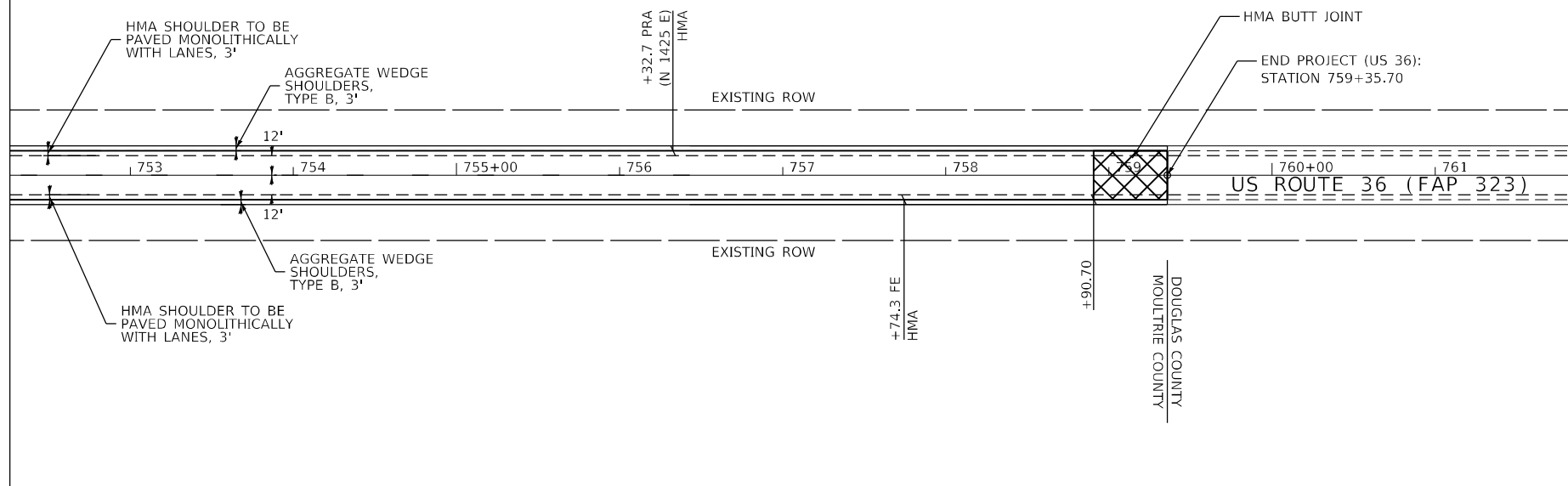


MATCHLINE STATION 737 + 51.1

MATCHLINE STATION 752 + 26.1



MATCHLINE STATION 180 + 65.0



MODEL: Default
FILE: \\na11e-pls\project-new\bea\pwy.com\PIV\DOT\Documents\1\DOT_Offices\Dir\dr. 7\Projects\74A24\ICAD\Drawings\CAD\Sheet\74A24-4-Plan.dwg




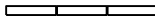

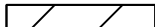

USER NAME = stefnkmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	REVISIONS -	
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -

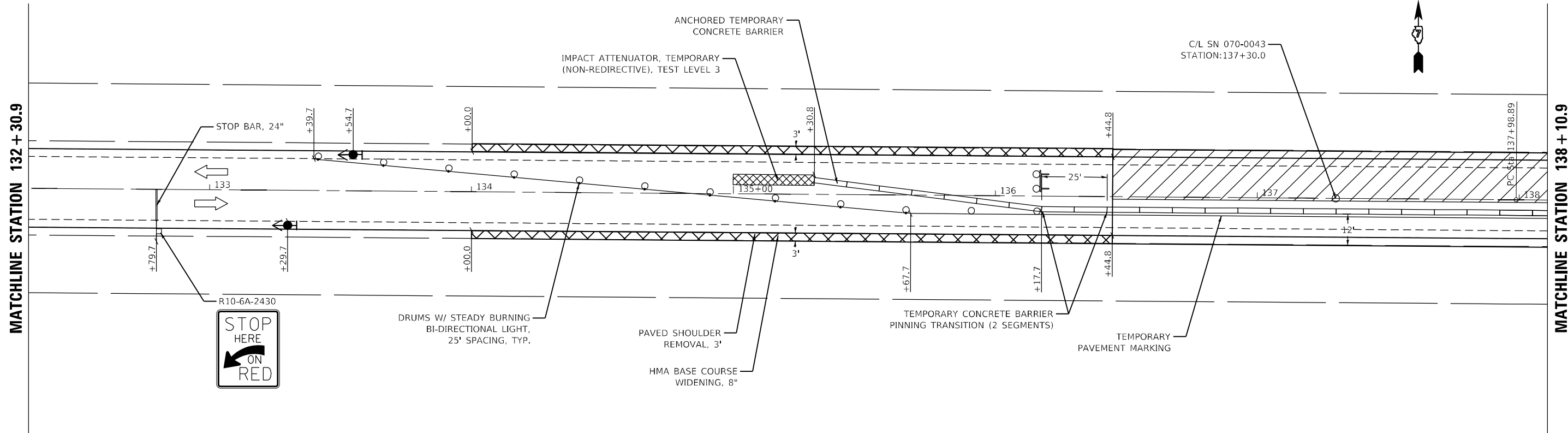
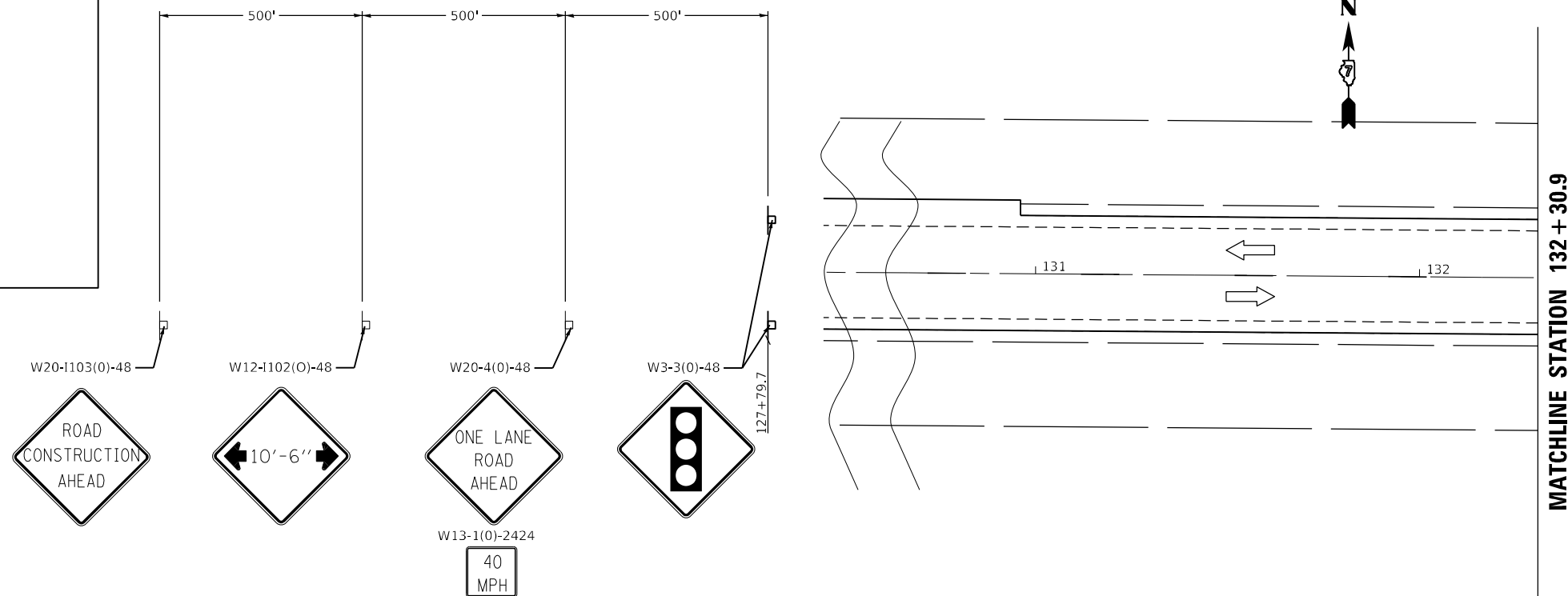
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS	
SCALE: 100,0000 ' / in.	SHEET OF SHEETS
STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	42
CONTRACT NO. 74A24				
ILLINOIS FED. AID PROJECT				

LEGEND

-  TYPE III BARRICADE WITH FLASHING LIGHTS
-  SIGN
-  DRUM WITH STEADY BURNING BI-DIRECTIONAL LIGHT
-  TEMPORARY CONCRETE BARRIER
-  DRUM
-  WORK ZONE
-  TRAFFIC SIGNAL



MODEL: Default
 FILE: \\na1c:\p\l\sect-cw\bea\efw.com\PIV\DOT\Documents\1\DOT\Office\Dir\refr_7\Project\74A24\ICAD\DATA\CAD\KRES\DOT74A24\efw\bea\stage01.dgn

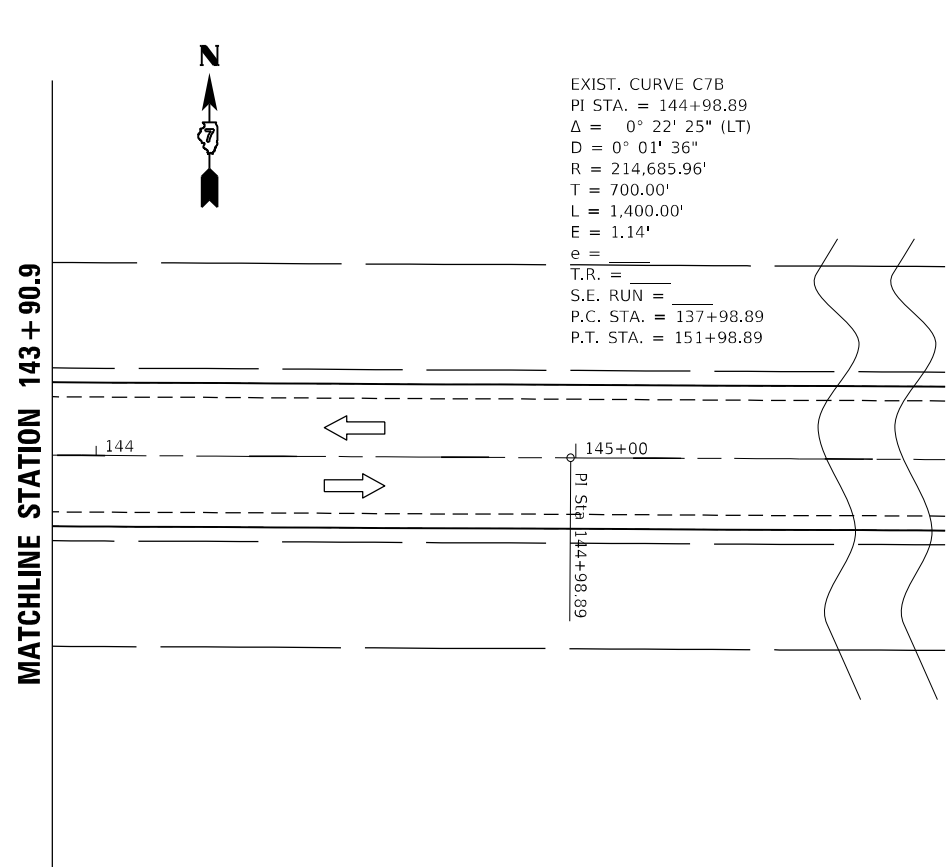
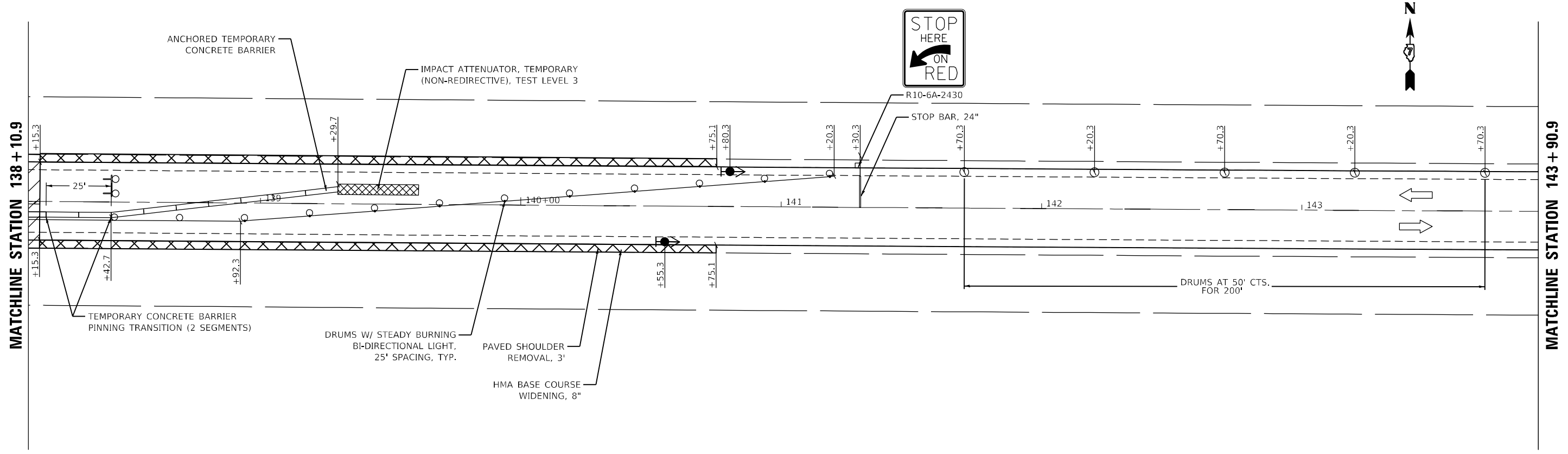
USER NAME = stefenmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	REVISOR -	
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISOR -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISOR -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

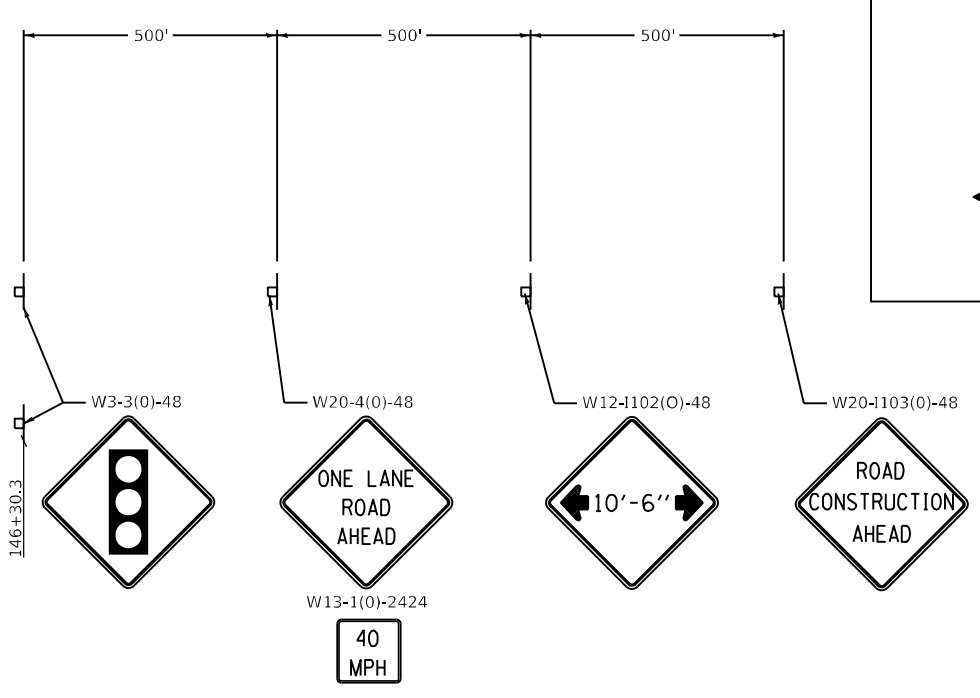
STAGE 1 PLAN SHEETS - STANDARD 701321
SN 070-0043

SCALE: 40,0000 * / in. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141, 142, 143)RS-4	MOULTRIE	130	43
CONTRACT NO. 74A24				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE C7B
 PI STA. = 144+98.89
 $\Delta = 0^\circ 22' 25''$ (LT)
 $D = 0^\circ 01' 36''$
 $R = 214,685.96'$
 $T = 700.00'$
 $L = 1,400.00'$
 $E = 1.14'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 P.C. STA. = 137+98.89
 P.T. STA. = 151+98.89



LEGEND

- TYPE III BARRICADE WITH FLASHING LIGHTS
- SIGN
- DRUM WITH STEADY BURNING BI-DIRECTIONAL LIGHT
- TEMPORARY CONCRETE BARRIER
- DRUM
- WORK ZONE
- TRAFFIC SIGNAL

MODEL: Default
 FILE: \\mfmf-pw-bentley.com\PW\DOT\Documents\DOT\Office\Director_7\Projects\74A24\ICAD\DATA\CAD\Sheet\74A24-4-PlanSheet01.dgn

USER NAME = stefenmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	REVISIONS -	
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -






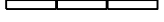

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

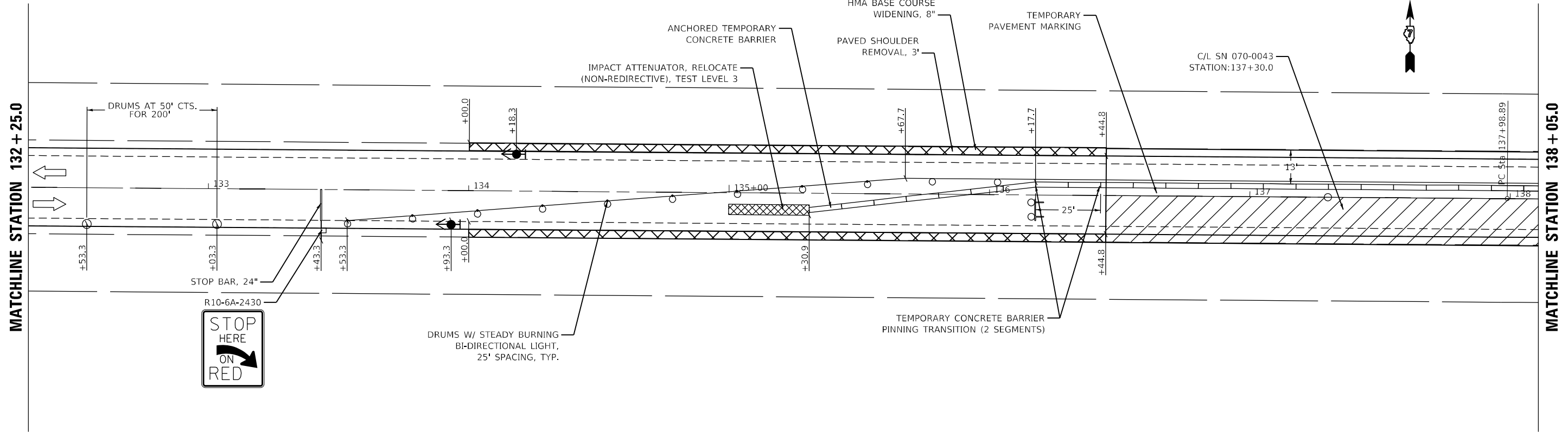
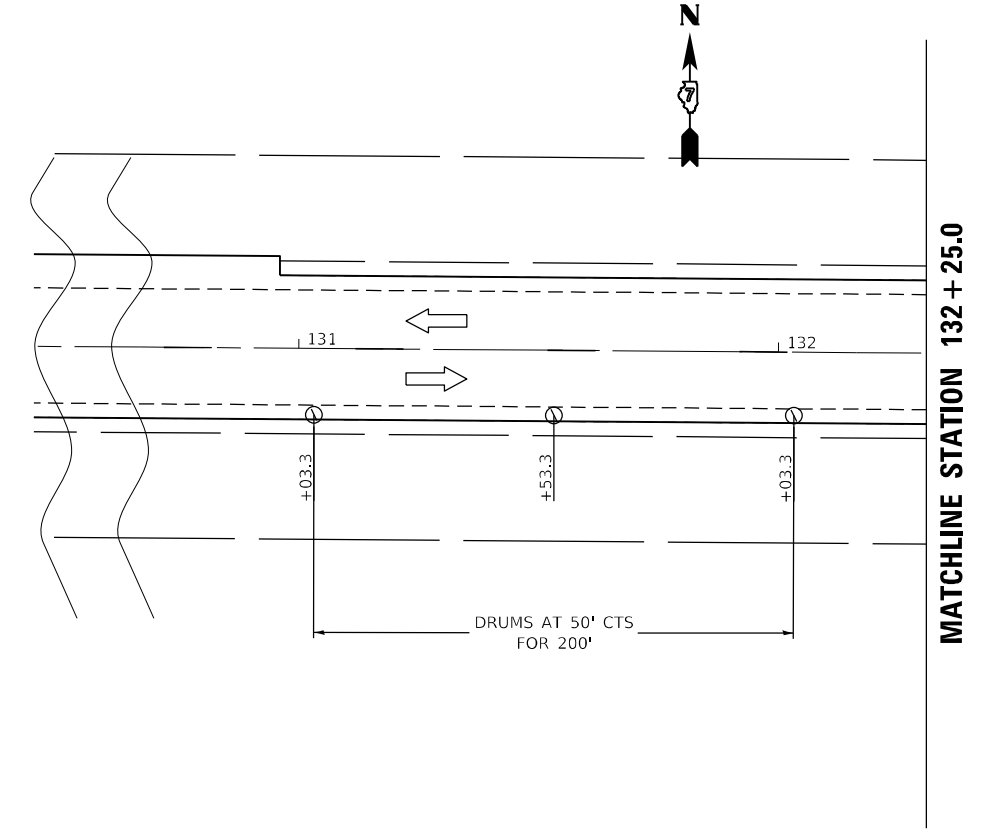
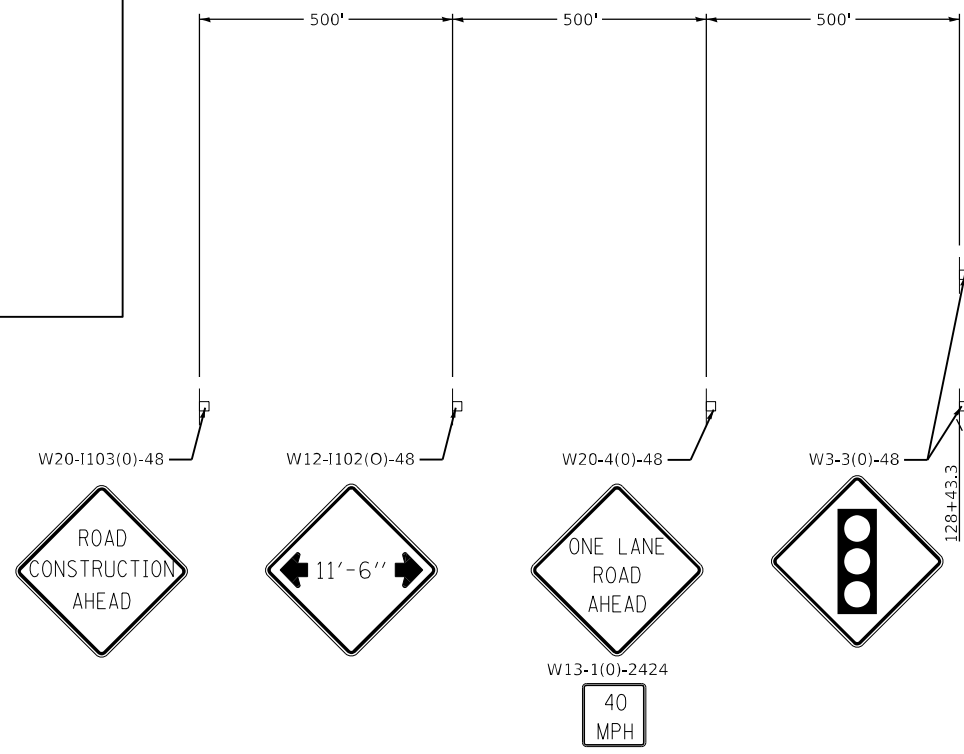
**STAGE 1 PLAN SHEETS - STANDARD 701321
SN 070-0043**

SCALE: 40,0000 * / in. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141, 142, 143)RS-4	MOULTRIE	130	44
CONTRACT NO. 74A24				
ILLINOIS FED. AID PROJECT				

LEGEND

-  TYPE III BARRICADE WITH FLASHING LIGHTS
-  DRUM WITH STEADY BURNING BI-DIRECTIONAL LIGHT
-  DRUM
-  TRAFFIC SIGNAL
-  SIGN
-  TEMPORARY CONCRETE BARRIER
-  WORK ZONE



MODEL / Default
 FILE NAME: p:\project-7424\11\DOT\Documents\11DOT_Offices\Drawings\Project\7424\11\DOT\Drawings\7424-11-11-2022.dwg
 PROJECT: 7424-11-11-2022

USER NAME = stefnrmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	REVISED -	
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -

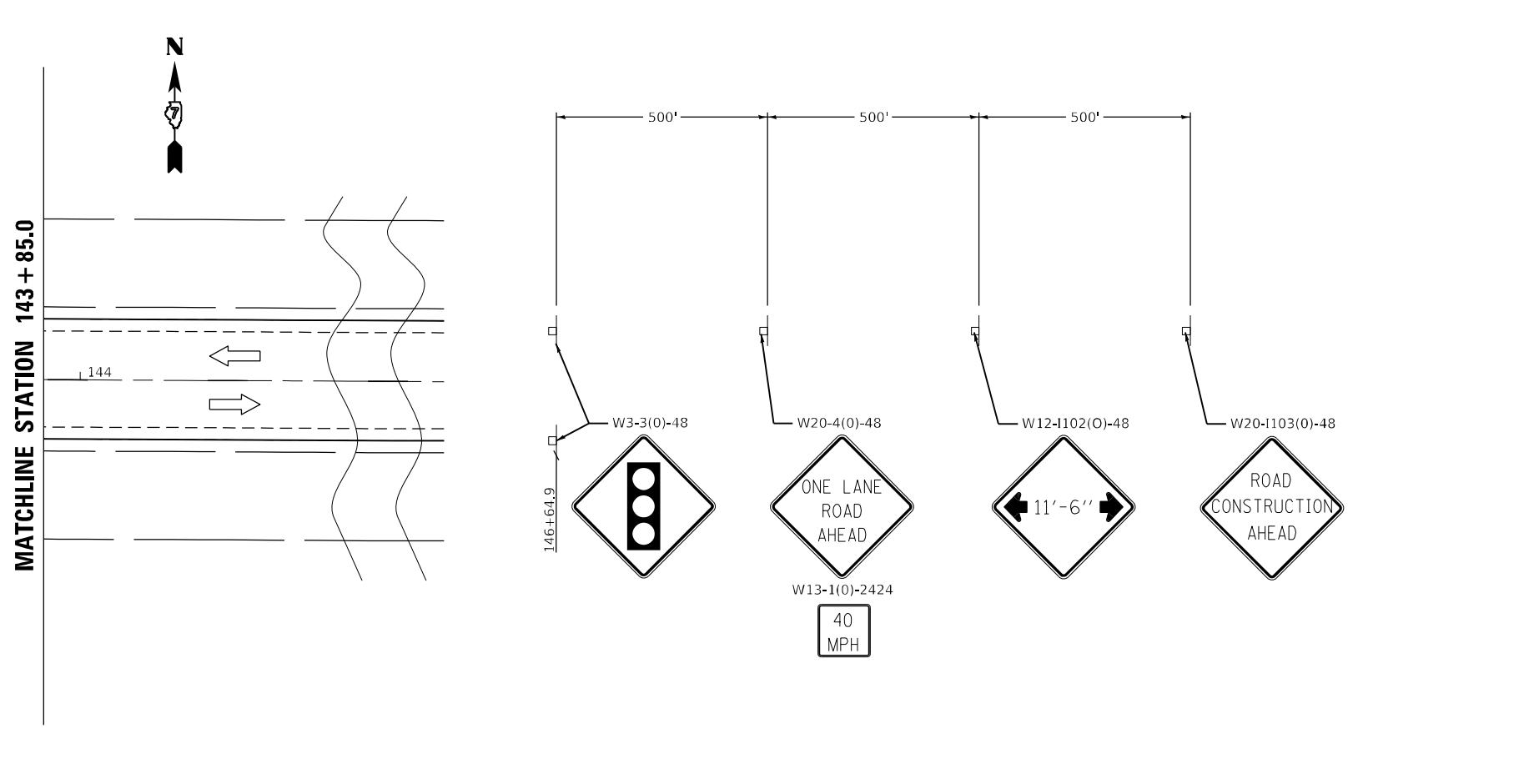
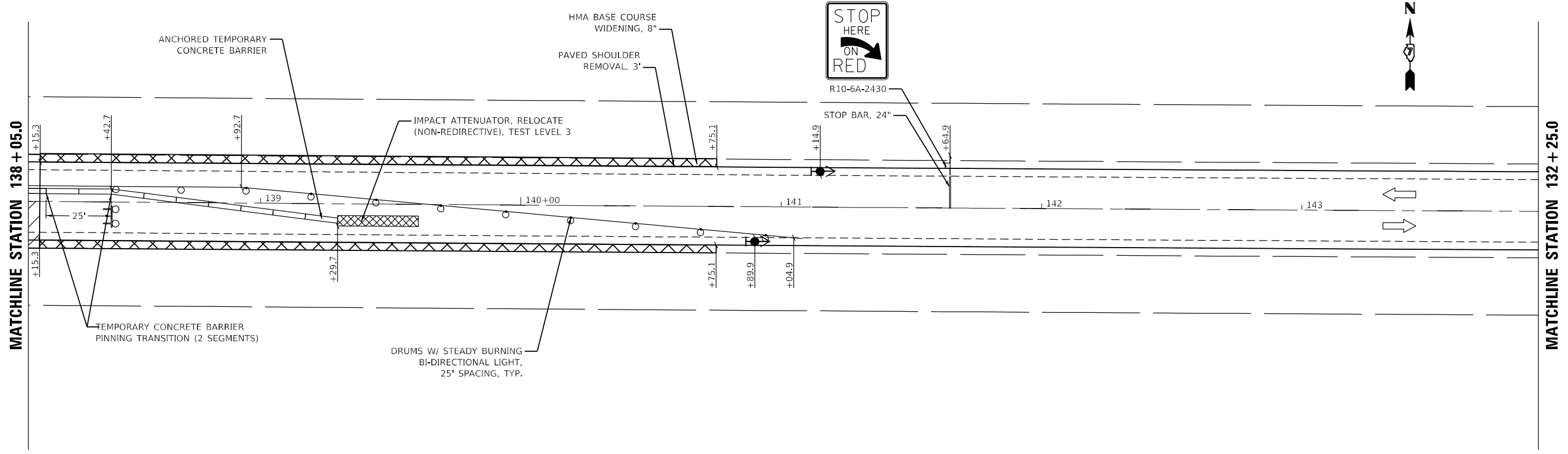
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 2 PLAN SHEETS – STANDARD 701321
SN 070-0043

SCALE: 40,0000 * / in. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141, 142, 143)RS-4	MOULTRIE	130	45
CONTRACT NO. 74A24			ILLINOIS FED. AID PROJECT	

MODEL: Default
 FILE: 3dmodel.dwg
 PROJECT: 74A24-IL-CD-Data-CAD-Files-74A24-4-18-2022.dwg
 PROJECT: 74A24-IL-CD-Data-CAD-Files-74A24-4-18-2022.dwg



LEGEND

	TYPE III BARRICADE WITH FLASHING LIGHTS		SIGN
	DRUM WITH STEADY BURNING BI-DIRECTIONAL LIGHT		TEMPORARY CONCRETE BARRIER
	DRUM		WORK ZONE
	TRAFFIC SIGNAL		

USER NAME = stefenmk	DESIGNED - LMH	REVISED -	
DRAWN - LMH	REVISIONS		
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -	
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -	




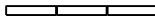

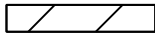

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

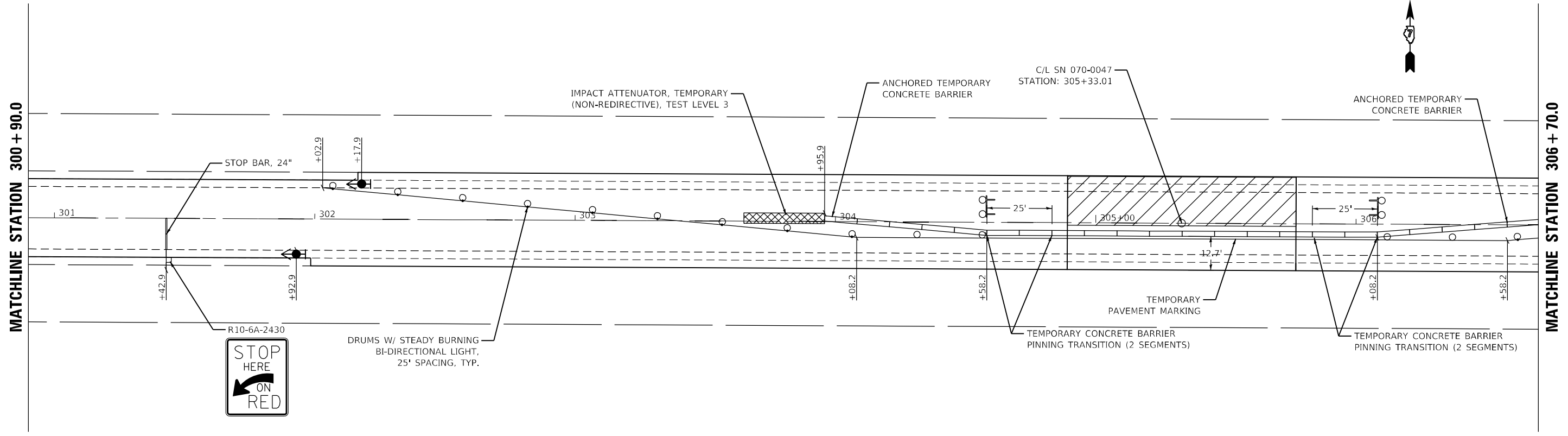
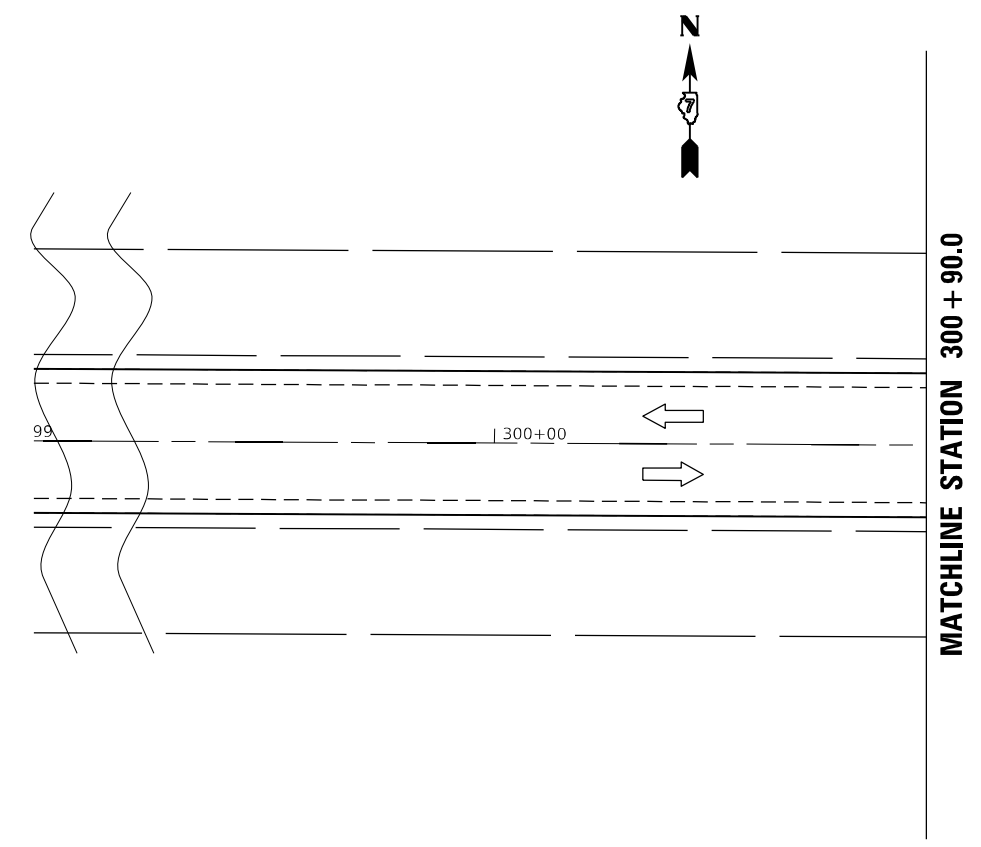
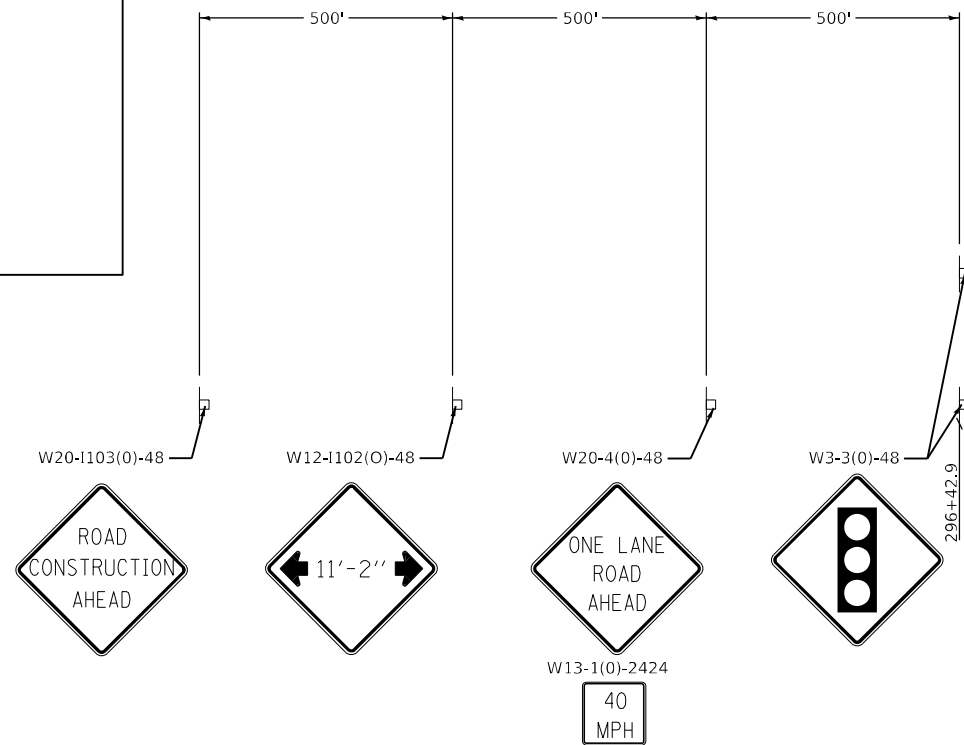
STAGE 2 PLAN SHEETS – STANDARD 701321
SN 070-0043

SCALE: 40,0000 * / in. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141, 142, 143)RS-4	MOULTRIE	130	46
CONTRACT NO. 74A24				
ILLINOIS FED. AID PROJECT				

LEGEND

-  TYPE III BARRICADE WITH FLASHING LIGHTS
-  SIGN
-  DRUM WITH STEADY BURNING BI-DIRECTIONAL LIGHT
-  TEMPORARY CONCRETE BARRIER
-  DRUM
-  WORK ZONE
-  TRAFFIC SIGNAL



MODEL: Default
 FILE: Mainfile
 PROJECT: 742424\CD\Drawings\DOT\Office\Drawings\742424\CD\Drawings\742424\CD\Drawings\742424.dgn

USER NAME = stefnmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	REVISIONS -	
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

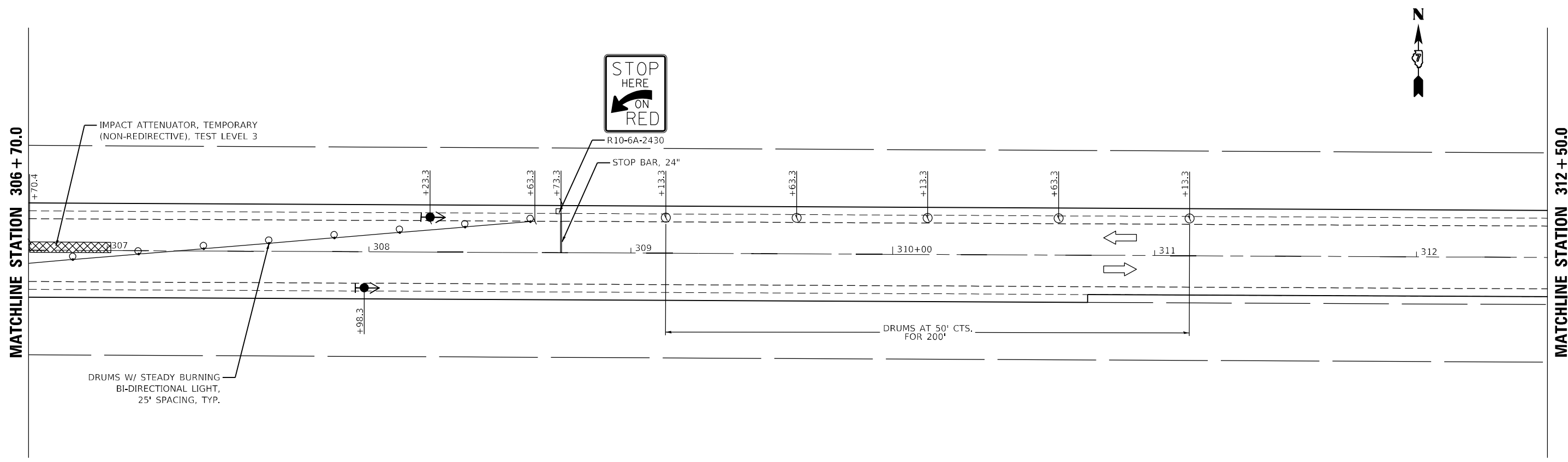
**STAGE 1 PLAN SHEETS - STANDARD 701321
SN 070-0047**

SCALE: 40,0000 * / in. SHEET OF SHEETS STA. TO STA.

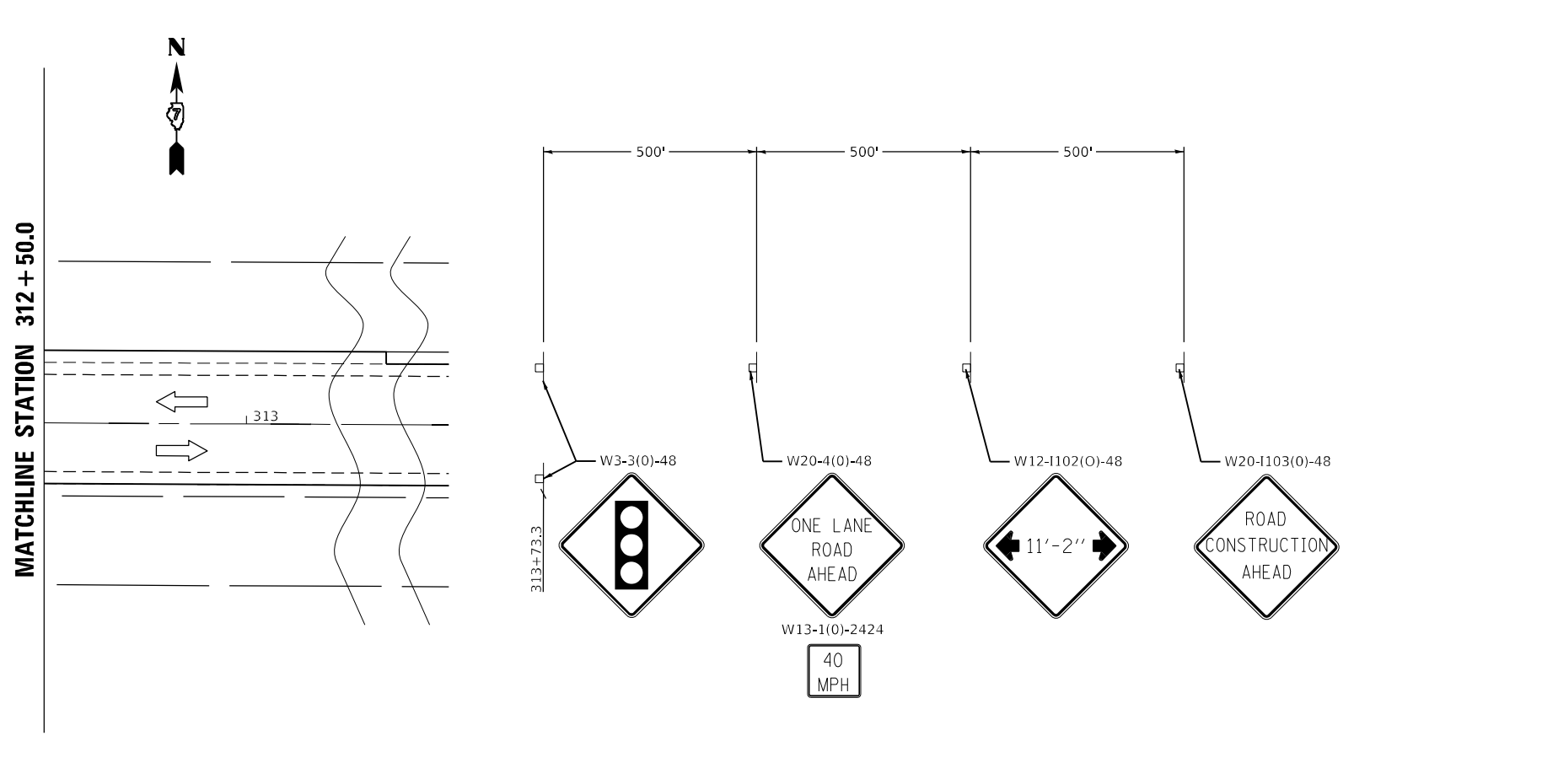
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141, 142, 143)RS-4	MOULTRIE	130	47
CONTRACT NO. 74A24			ILLINOIS FED. AID PROJECT	

MATCHLINE STATION 306 + 70.0

MATCHLINE STATION 312 + 50.0



MATCHLINE STATION 312 + 50.0



LEGEND

	TYPE III BARRICADE WITH FLASHING LIGHTS		SIGN
	DRUM WITH STEADY BURNING BI-DIRECTIONAL LIGHT		TEMPORARY CONCRETE BARRIER
	DRUM		WORK ZONE
	TRAFFIC SIGNAL		

MODEL: Default
 FILE: \\mamec-pw-bentley.com\PW\DOT\Documents\DOT Office\Dir\drct_7\Project\74A24\CADD\DATA\CAD\Sheet\SD74A24-48-PlanSheet.dgn

USER NAME = stefnkmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	REVISIONS -	
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISIONS -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISIONS -




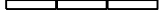

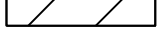

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

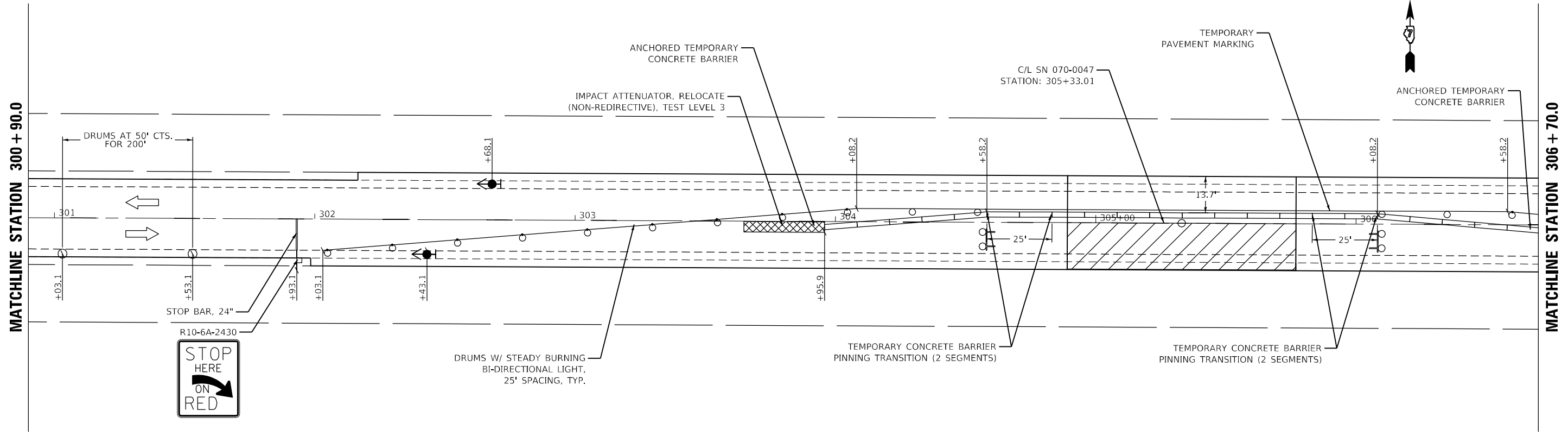
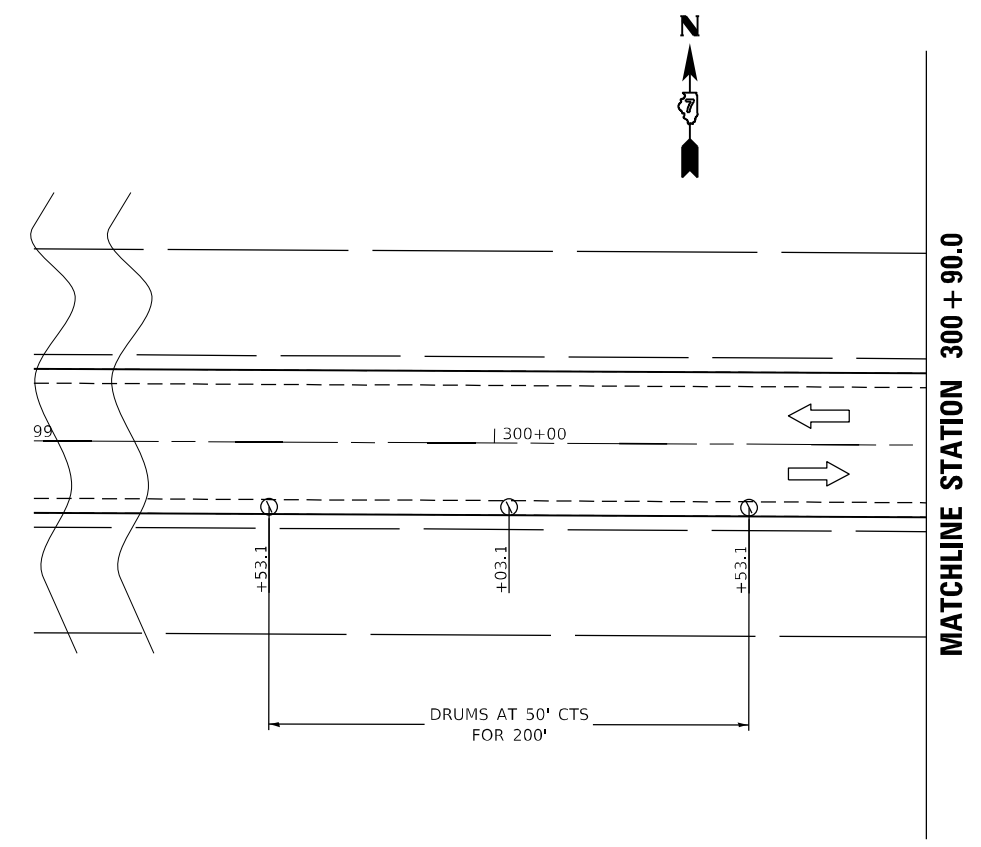
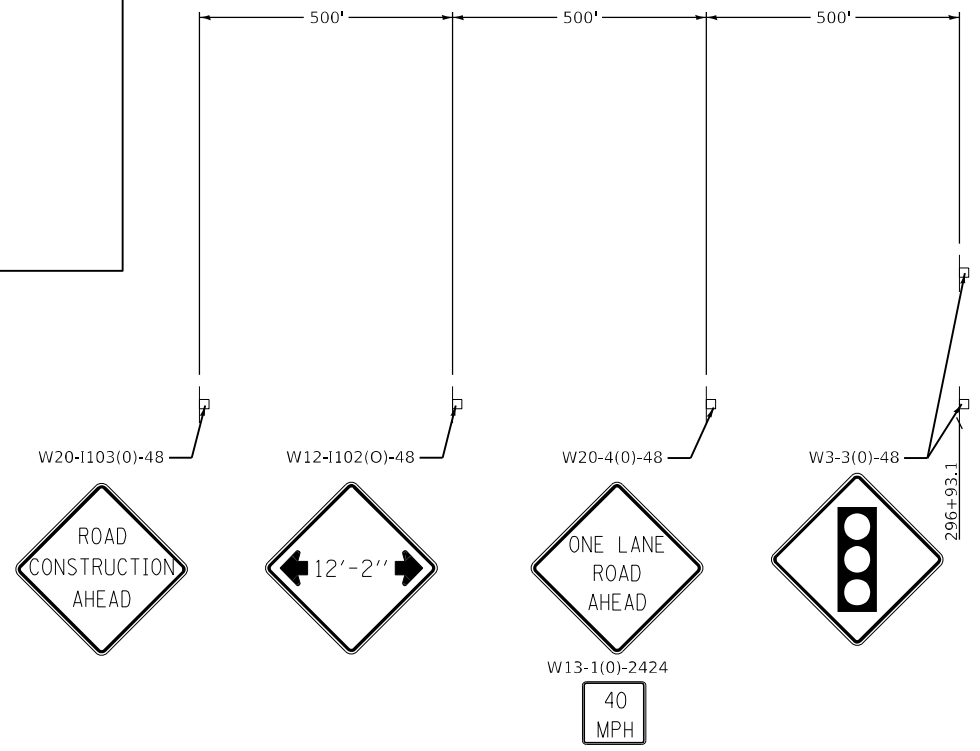
**STAGE 1 PLAN SHEETS - STANDARD 701321
SN 070-0047**

SCALE: 40,0000 * / in. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141, 142, 143)RS-4	MOULTRIE	130	48
CONTRACT NO. 74A24				
ILLINOIS FED. AID PROJECT				

LEGEND

-  TYPE III BARRICADE WITH FLASHING LIGHTS
-  SIGN
-  DRUM WITH STEADY BURNING BI-DIRECTIONAL LIGHT
-  TEMPORARY CONCRETE BARRIER
-  DRUM
-  WORK ZONE
-  TRAFFIC SIGNAL



MODEL: Default
 FILE: \\na11c:\p\l\st-cw-beadefy.com\PIV\DOT\Documents\DOT\Office\Director_2\Projects\74A24\ICAD\DATA\CAD\Sheet\74A24-4-PlanStage2.dgn

USER NAME = steffnmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	REVISIONS -	
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

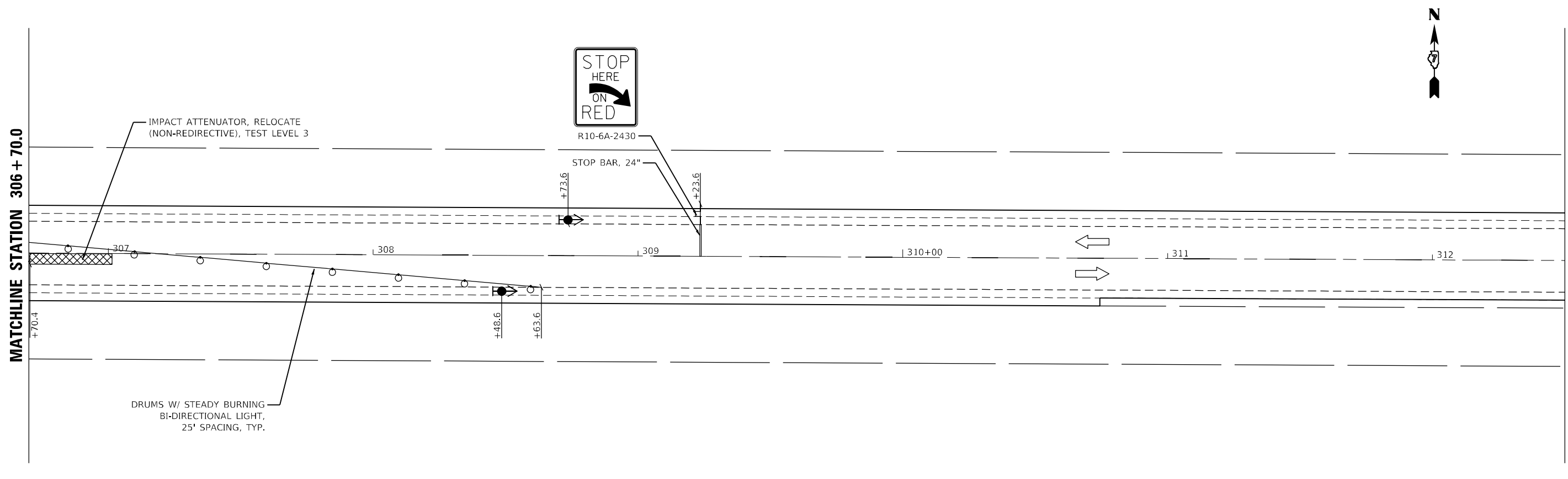
**STAGE 2 PLAN SHEETS - STANDARD 701321
SN 070-0047**

SCALE: 40,0000 * / in. SHEET OF SHEETS STA. TO STA.

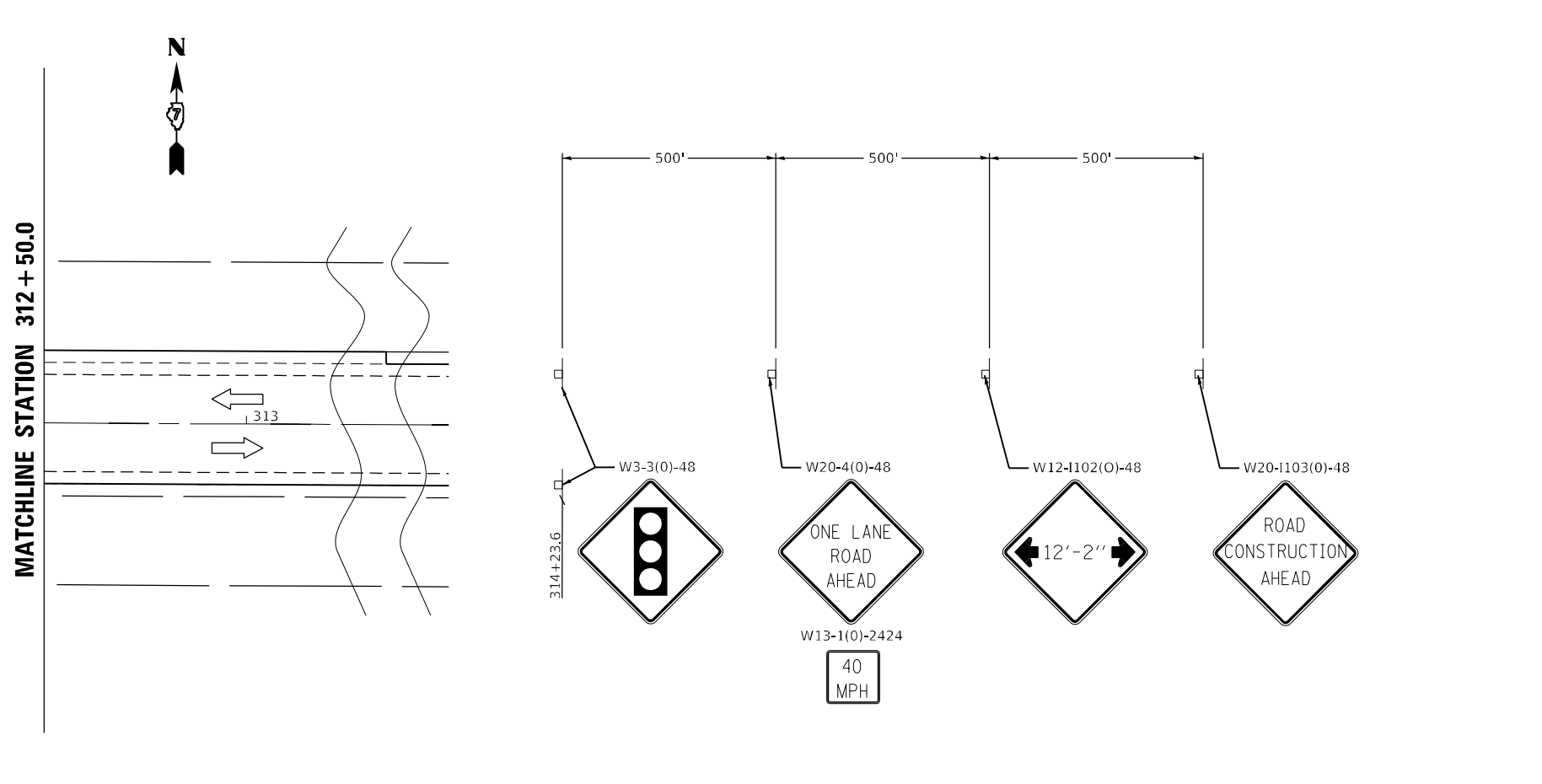
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141, 142, 143)RS-4	MOULTRIE	130	49
CONTRACT NO. 74A24			ILLINOIS FED. AID PROJECT	

MATCHLINE STATION 306 + 70.0

MATCHLINE STATION 312 + 50.0



MATCHLINE STATION 312 + 50.0



LEGEND

- TYPE III BARRICADE WITH FLASHING LIGHTS
- DRUM WITH STEADY BURNING BI-DIRECTIONAL LIGHT
- DRUM
- TRAFFIC SIGNAL
- SIGN
- TEMPORARY CONCRETE BARRIER
- WORK ZONE

MODEL: Default
 FILE: M:\MFC_Plan\Subsect-cw-bead-fwy.com\FWIDOT\Documents\DOT_Offices\Director_7\Projects\74A24\ICAD\DATA\CAD\Sheet\74A24-48-std-plan1.dgn

USER NAME = stefenmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	CHECKED -	REVISED -
PLOT SCALE = 40,0000 * / in.	DATE - 4/18/2022	REVISED -
PLOT DATE = 4/18/2022		




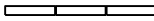



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

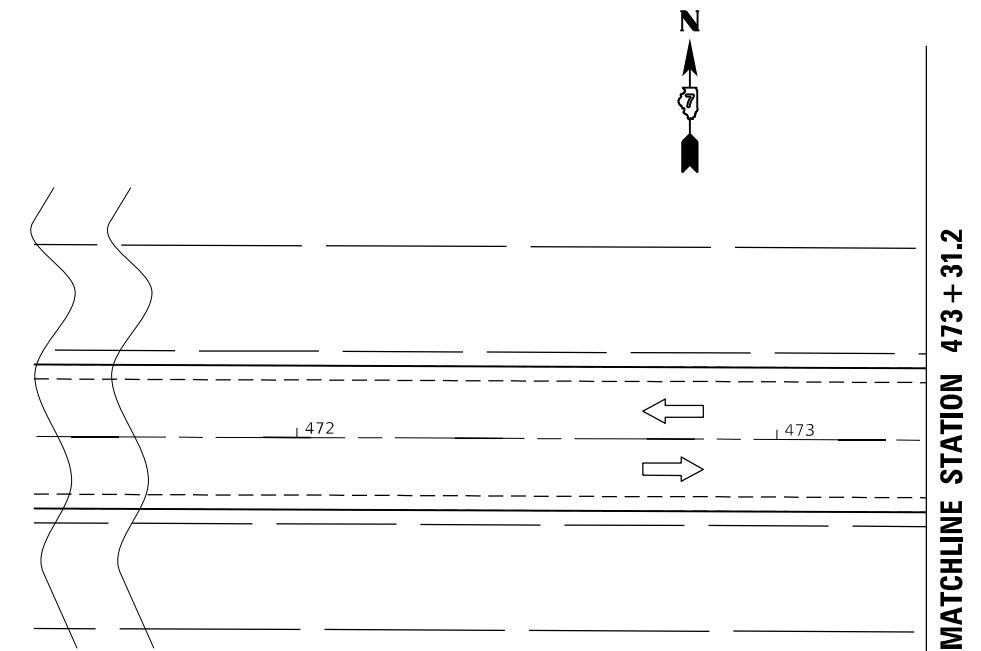
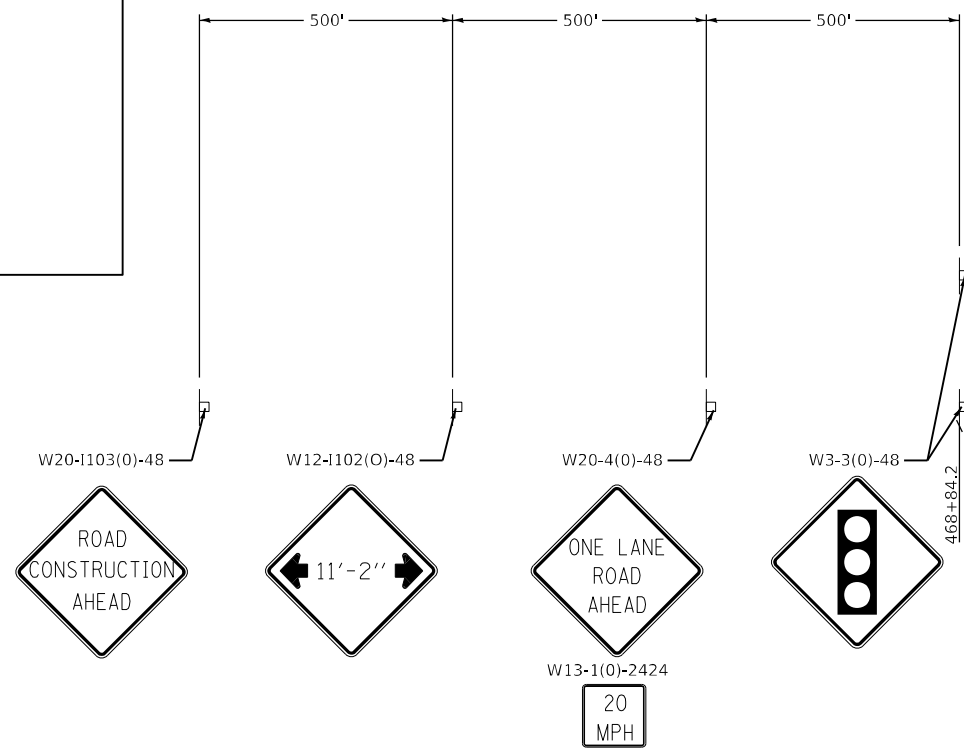
STAGE 2 PLAN SHEETS - STANDARD 701321
SN 070-0047

SCALE: 40,0000 * / in. SHEET OF SHEETS STA. TO STA.

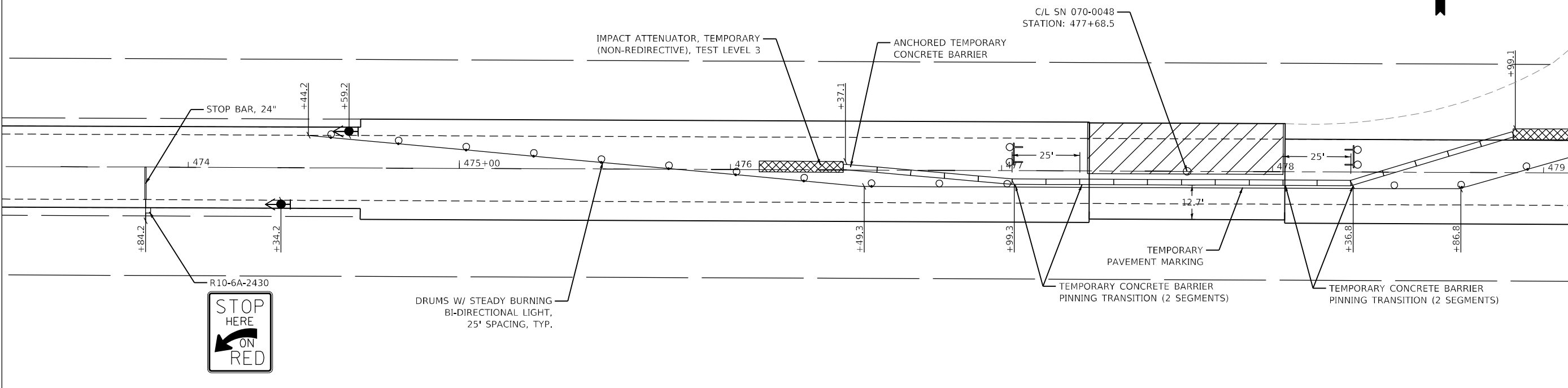
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141, 142, 143)RS-4	MOULTRIE	130	50
CONTRACT NO. 74A24				
ILLINOIS FED. AID PROJECT				

LEGEND

-  TYPE III BARRICADE WITH FLASHING LIGHTS
-  SIGN
-  DRUM WITH STEADY BURNING BI-DIRECTIONAL LIGHT
-  TEMPORARY CONCRETE BARRIER
-  DRUM
-  WORK ZONE
-  TRAFFIC SIGNAL



MATCHLINE STATION 473 + 31.2



MATCHLINE STATION 479 + 11.2

MODEL: Default
FILE: \\na101c:\pub\paw_bentley.com\PIV\DOT\Documents\DOT Office\Director_7\Projects\7424\ICADD\DATA\CADD\FILES\DOT7424\473+31.2.dgn

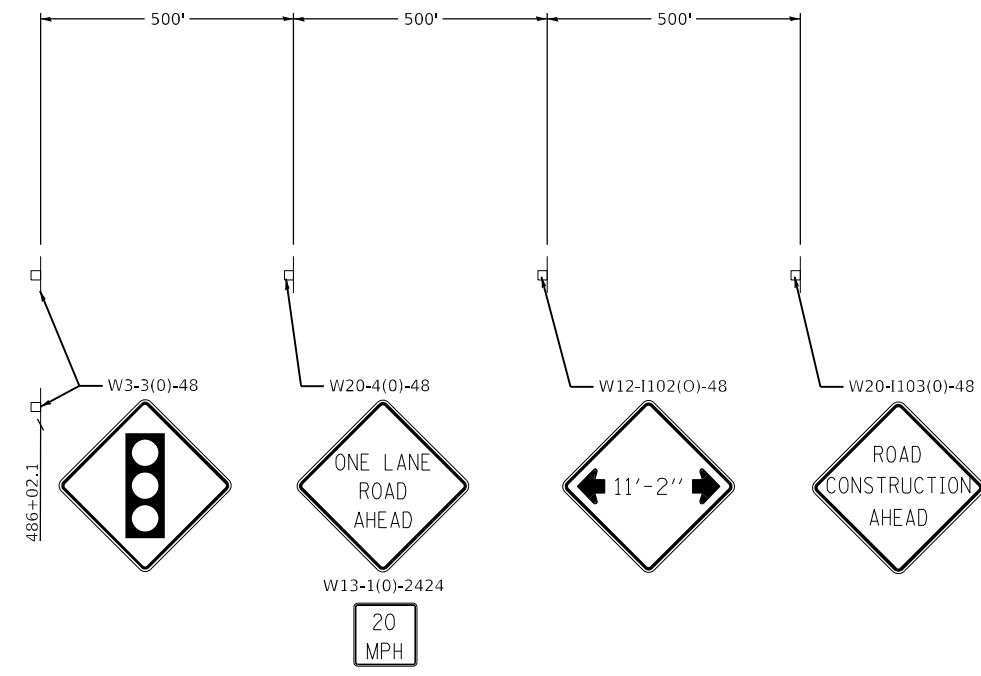
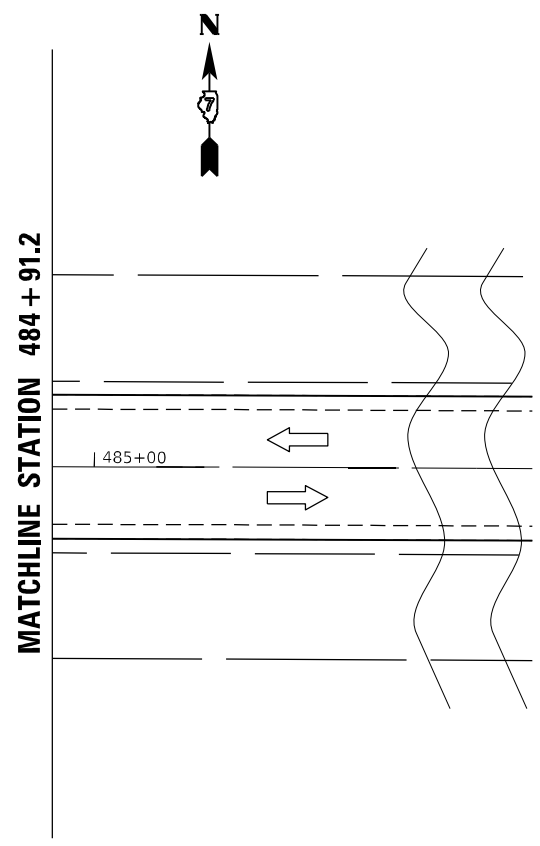
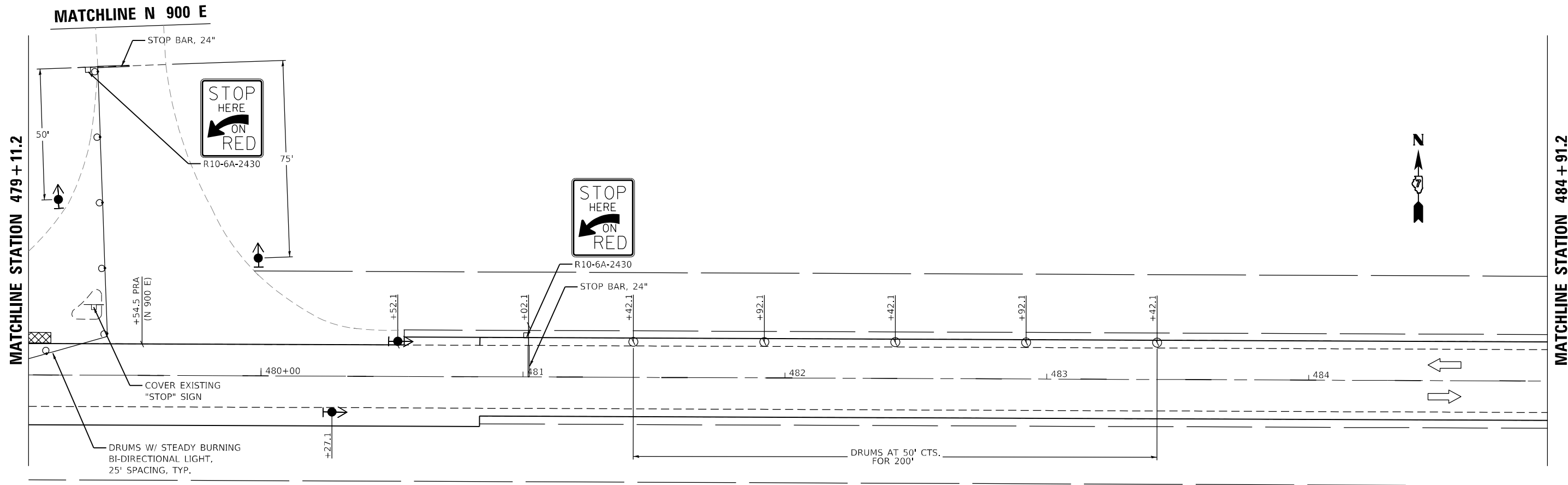
USER NAME = steffnmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	REVISIONS -	
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGE 1 PLAN SHEETS – STANDARD 701321 (SPECIAL)
SN 070-0048**

SCALE: 40,0000 * / in. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141, 142, 143)RS-4	MOULTRIE	130	51
CONTRACT NO. 74A24			ILLINOIS FED. AID PROJECT	



LEGEND

	TYPE III BARRICADE WITH FLASHING LIGHTS		SIGN
	DRUM WITH STEADY BURNING BI-DIRECTIONAL LIGHT		TEMPORARY CONCRETE BARRIER
	DRUM		WORK ZONE
	TRAFFIC SIGNAL		

MODEL: Default
 FILE: Mainfile.pia
 PROJECT: 74A24\ICADD\DATA\CADD\PROJECTS\74A24\484+91.2\STG01.dgn

USER NAME = stefenmk	DESIGNED - LMH	REVISED -	
DRAWN - LMH	REVISIONS		
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -	
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -	




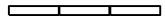



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

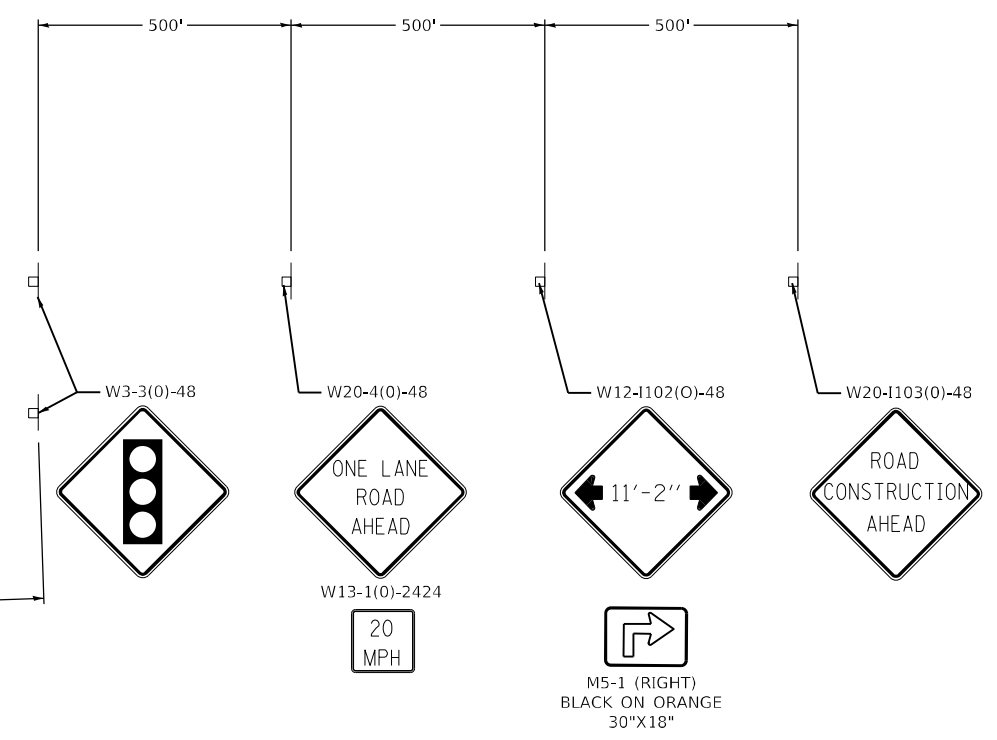
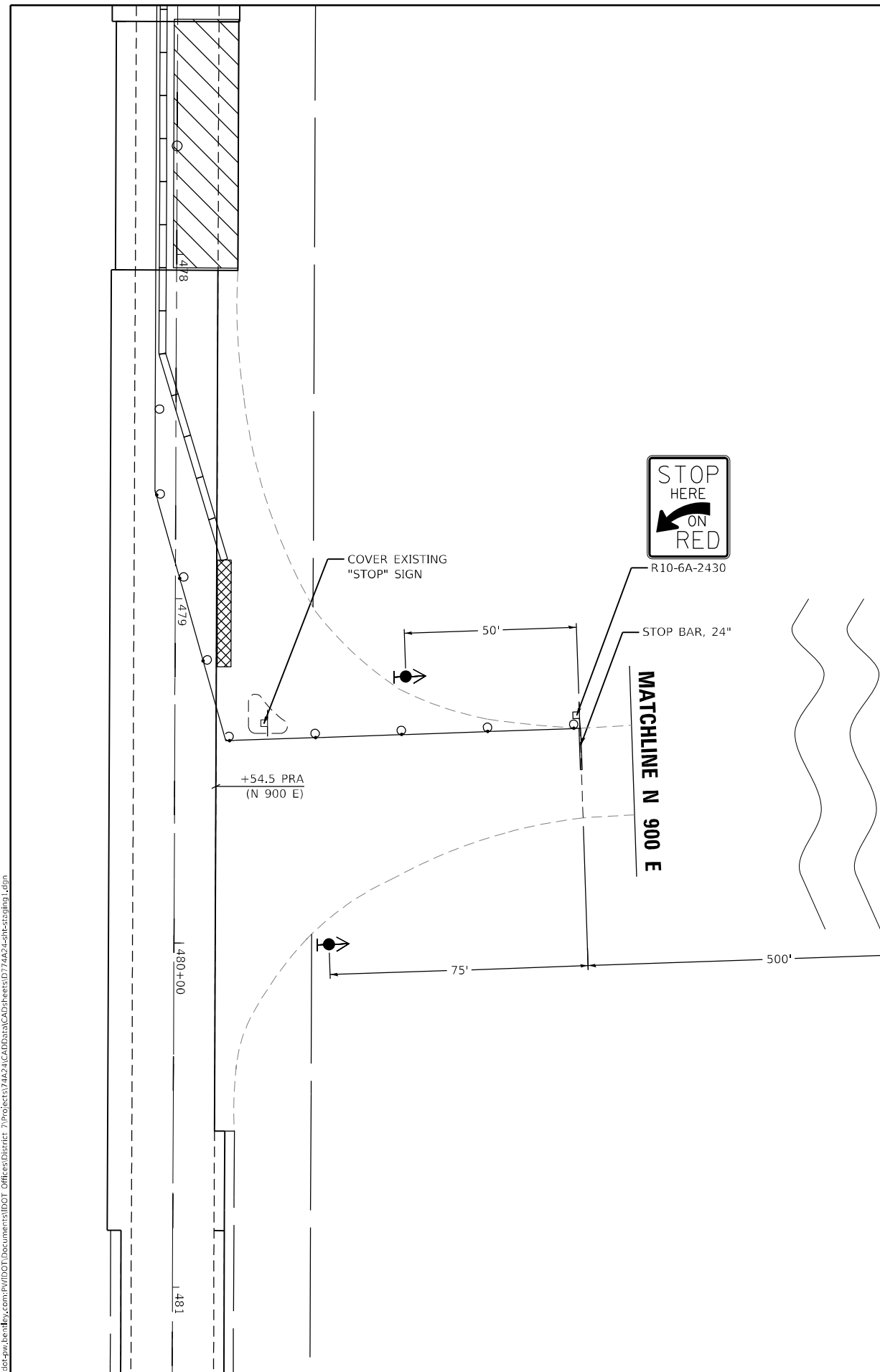
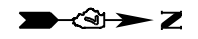
**STAGE 1 PLAN SHEETS – STANDARD 701321 (SPECIAL)
SN 070-0048**

SCALE: 40,0000 * / in. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141, 142, 143)RS-4	MOULTRIE	130	52
CONTRACT NO. 74A24				
ILLINOIS FED. AID PROJECT				

LEGEND

-  TYPE III BARRICADE WITH FLASHING LIGHTS
-  SIGN
-  DRUM WITH STEADY BURNING BI-DIRECTIONAL LIGHT
-  TEMPORARY CONCRETE BARRIER
-  DRUM
-  WORK ZONE
-  TRAFFIC SIGNAL



MODEL: Default
 FILE: \\na11c:\p\l\sect-pw\ben\paw.com\PIV\DOT\Documents\DOT Office\Dir\drct_7\Project\74A24\ICAD\DATA\CAD\Sheet\74A24-48-std.rvt.dgn

USER NAME = stefenmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	CHECKED -	REVISED -
PLOT SCALE = 40,0000 * / in.	DATE - 4/18/2022	REVISED -
PLOT DATE = 4/18/2022		




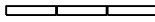

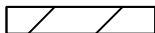

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

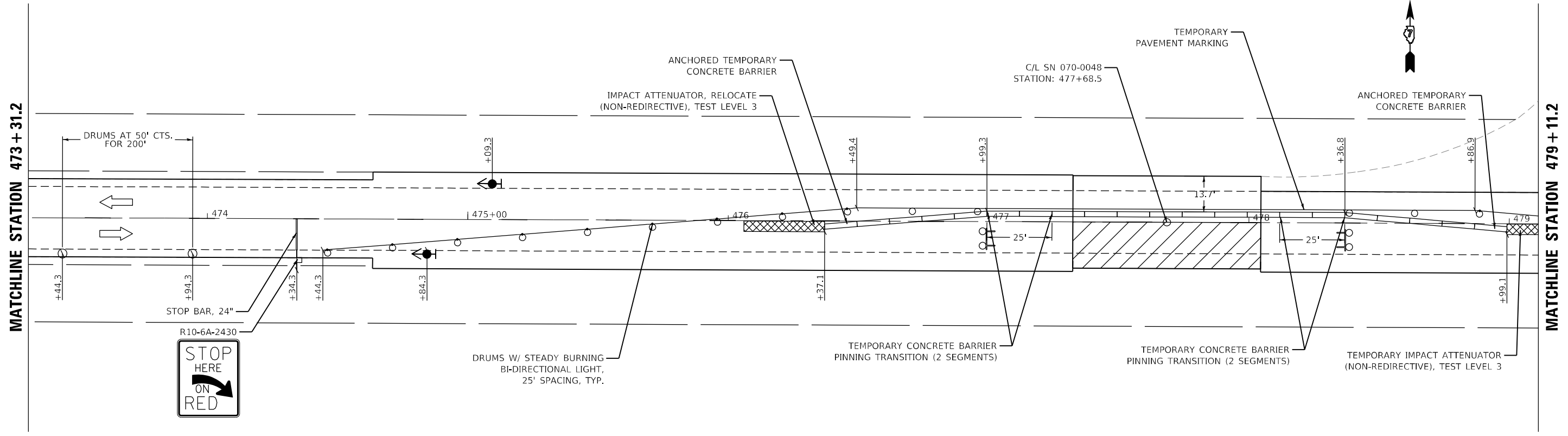
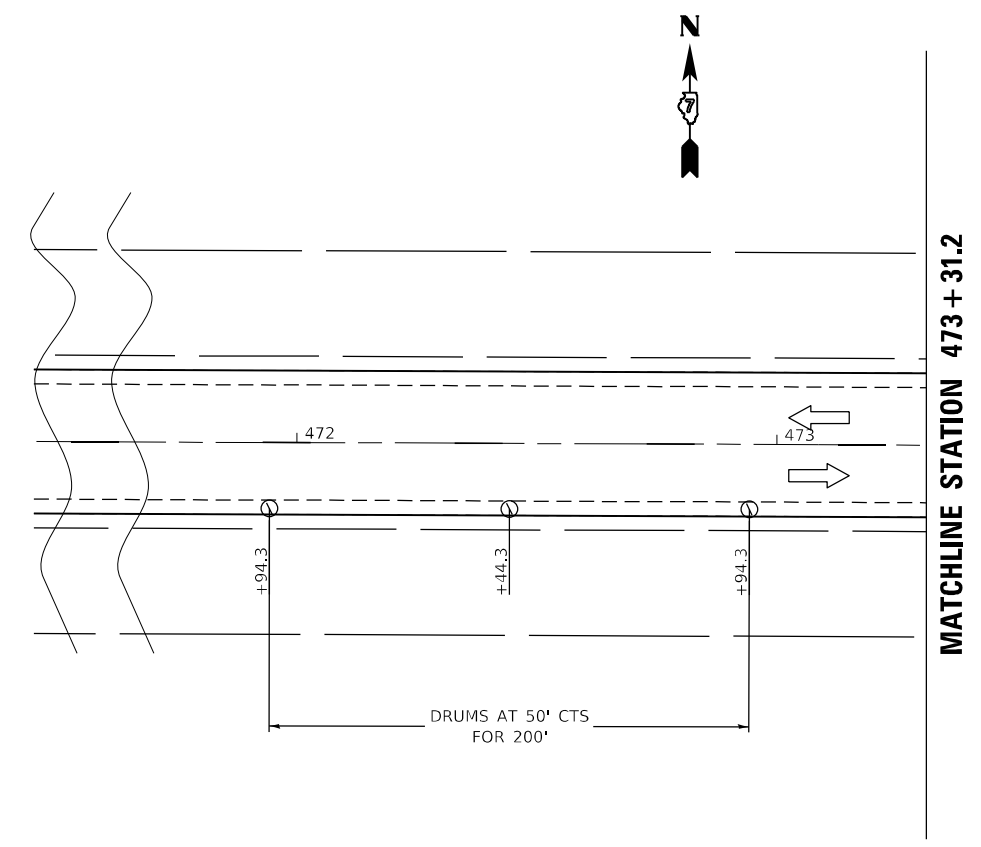
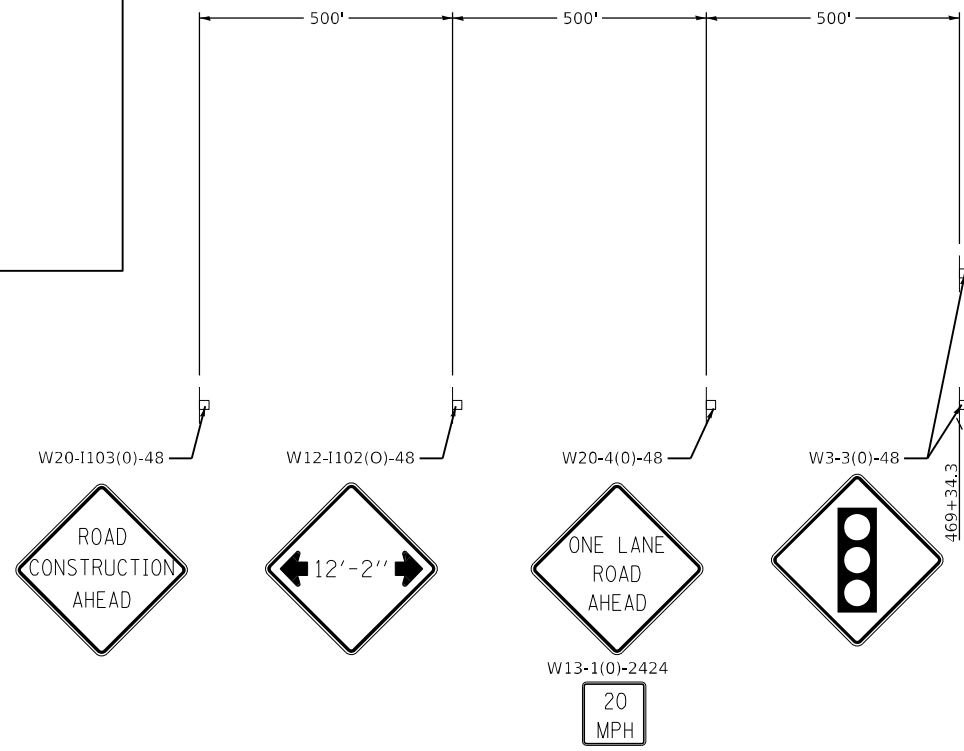
**STAGE 1 PLAN SHEETS – STANDARD 701321 (SPECIAL)
SN 070-0048**

40,000/40,000 * / in SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141, 142, 143)RS-4	MOULTRIE	130	53
			CONTRACT NO. 74A24	
			ILLINOIS FED. AID PROJECT	

LEGEND

-  TYPE III BARRICADE WITH FLASHING LIGHTS
-  SIGN
-  DRUM WITH STEADY BURNING BI-DIRECTIONAL LIGHT
-  TEMPORARY CONCRETE BARRIER
-  DRUM
-  WORK ZONE
-  TRAFFIC SIGNAL



MODEL: Default
 FILE: 744A24.dwg
 PROJECT: 744A24\CADD\Drawings\744A24-4-Plan\744A24-4-Plan.dwg

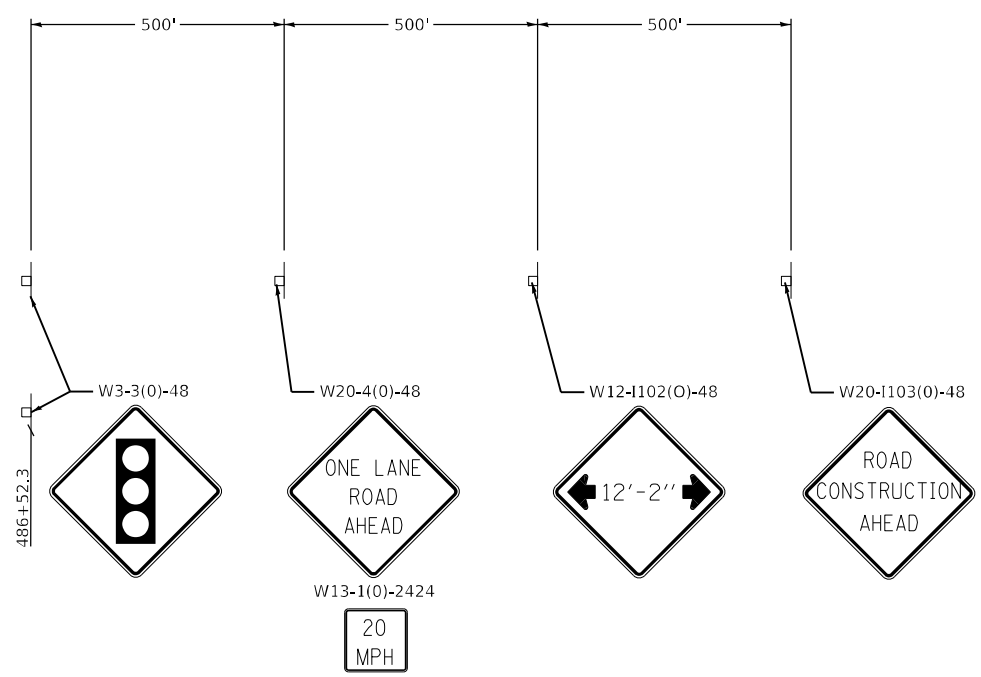
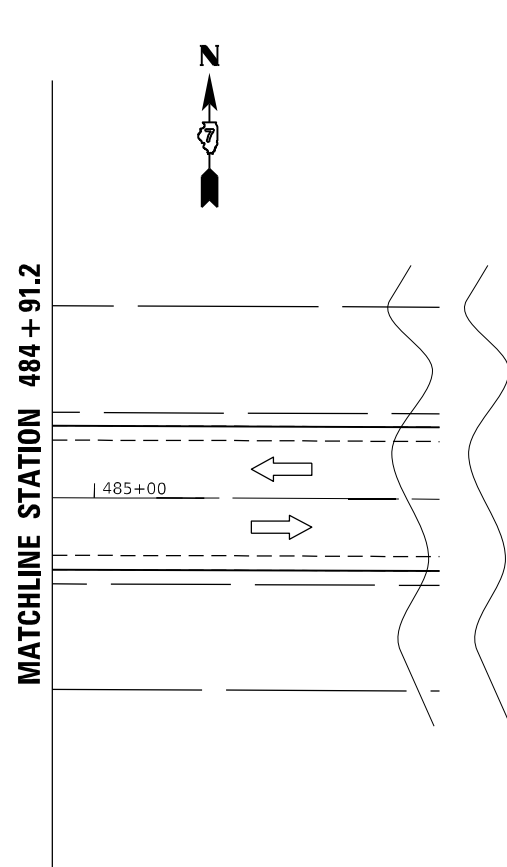
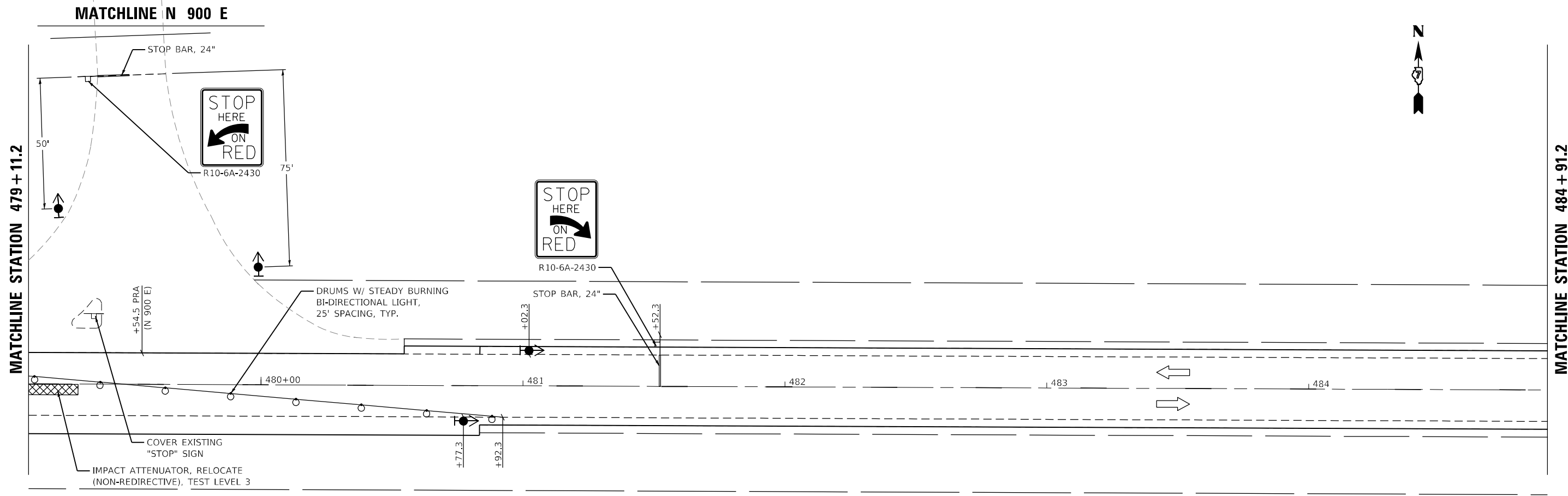
USER NAME = stefnkm	DESIGNED - LMH	REVISED -
DRAWN - LMH	CHECKED -	REVISED -
PLOT SCALE = 40,0000 * / in.	DATE - 4/18/2022	REVISED -
PLOT DATE = 4/18/2022		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGE 2 PLAN SHEETS – STANDARD 701321 (SPECIAL)
SN 070-0048**

SCALE: 40,0000 * / in. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141, 142, 143)RS-4	MOULTRIE	130	54
CONTRACT NO. 74A24			ILLINOIS FED. AID PROJECT	



LEGEND

	TYPE III BARRICADE WITH FLASHING LIGHTS		SIGN
	DRUM WITH STEADY BURNING BI-DIRECTIONAL LIGHT		TEMPORARY CONCRETE BARRIER
	DRUM		WORK ZONE
	TRAFFIC SIGNAL		

MODEL: Default
 FILE: \\na11c:\p\project\74824\ICAD\Drawings\CAD\Sheet\74824\Sheet01.dgn

USER NAME = stefnkmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	CHECKED -	REVISED -
PLOT SCALE = 40,0000 * / in.	DATE - 4/18/2022	REVISED -
PLOT DATE = 4/18/2022		




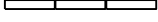



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

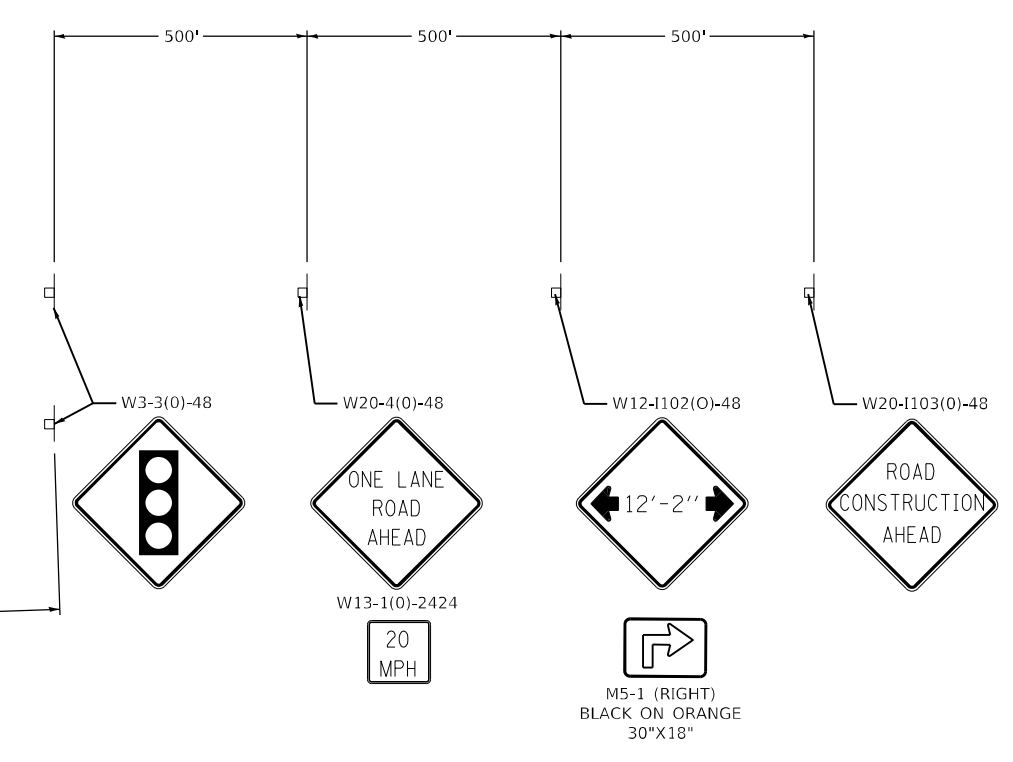
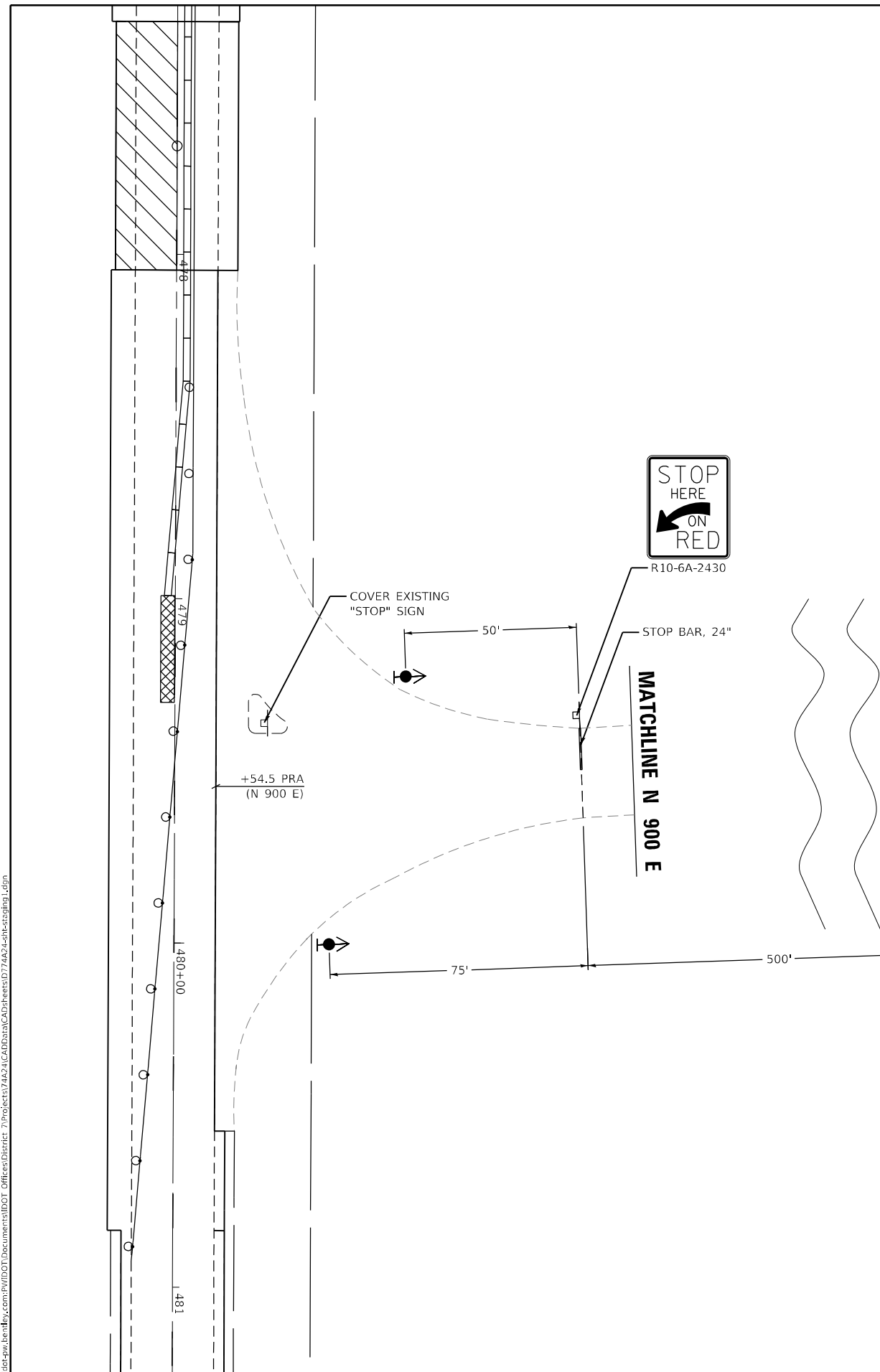
**STAGE 2 PLAN SHEETS – STANDARD 701321 (SPECIAL)
SN 070-0048**

SCALE: 40,0000 * / in. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141, 142, 143)RS-4	MOULTRIE	130	55
			CONTRACT NO. 74A24	
			ILLINOIS FED. AID PROJECT	

LEGEND

-  TYPE III BARRICADE WITH FLASHING LIGHTS
-  SIGN
-  DRUM WITH STEADY BURNING BI-DIRECTIONAL LIGHT
-  TEMPORARY CONCRETE BARRIER
-  DRUM
-  WORK ZONE
-  TRAFFIC SIGNAL



MODEL: Default
 FILE: 3dmodel.dwg
 PROJECT: 7424\ICAD\DATA\CAD\PROJECTS\7424\481\481.dwg

USER NAME = stefnmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	CHECKED -	REVISED -
PLOT SCALE = 40,0000 * / in.	DATE - 4/18/2022	REVISED -
PLOT DATE = 4/18/2022		






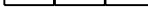

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

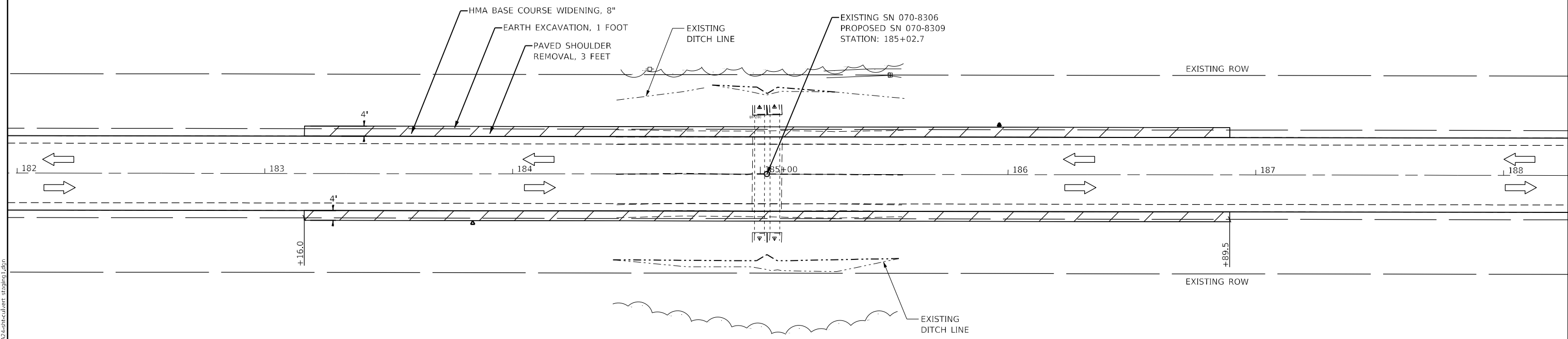
**STAGE 2 PLAN SHEETS – STANDARD 701321 (SPECIAL)
SN 070-0048**

SCALE: 40,0000 * / in. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141, 142, 143)RS-4	MOULTRIE	130	56
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74A24	

LEGEND

-  TYPE III BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHTS
-  DIRECTION INDICATOR BARRICADE WITH STEADY BURNING MONODIRECTIONAL LIGHT
-  DRUM
-  SIGN
-  DIRECTION OF TRAFFIC FLOW
-  TEMPORARY CONCRETE BARRIER
-  WORK ZONE



MODEL: Default
 FILE: 323_142_143_RS-4.dwg
 PROJECT: 323_142_143_RS-4
 SHEET: 130 OF 130
 DATE: 4/18/2022








USER NAME = steffnmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	CHECKED -	REVISED -
PLOT SCALE = 40,0000 * / in.	DATE - 4/18/2022	REVISED -
PLOT DATE = 4/18/2022		

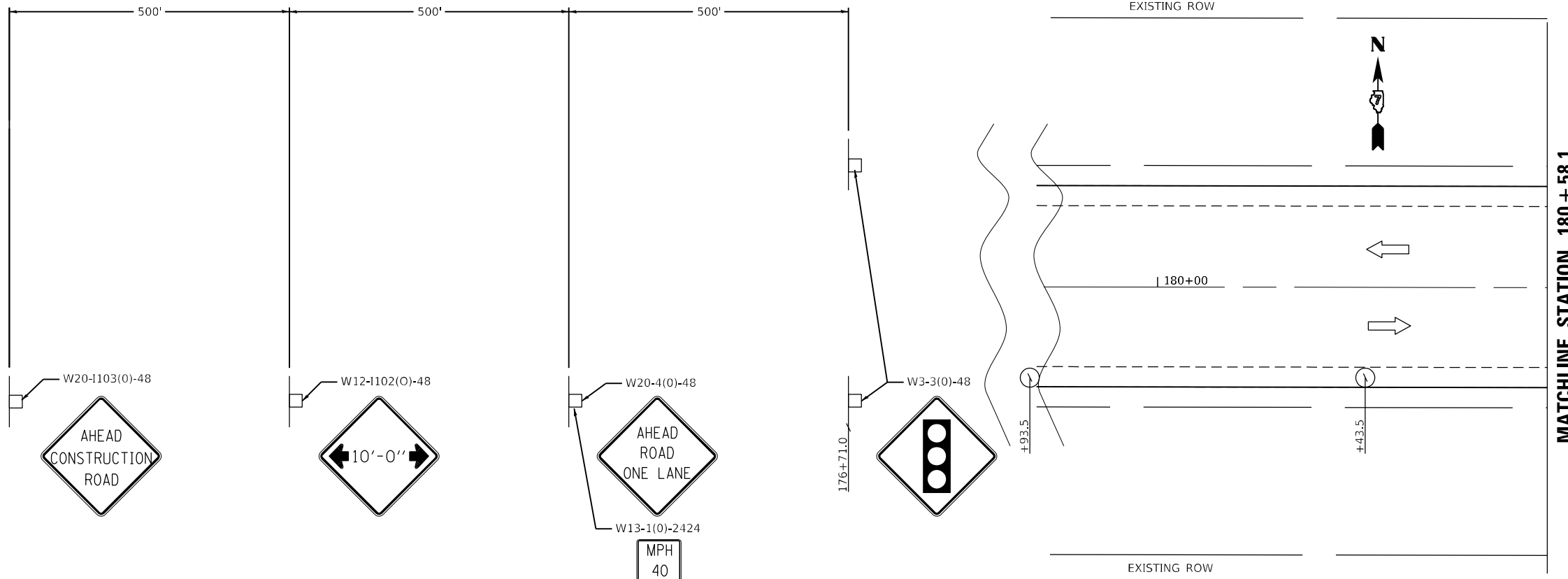
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PRESTAGE PLAN SHEETS EX. SN 070-8306 - PR. SN 070-8309			
SCALE: 40,0000 * / in.	SHEET	OF	SHEETS
	STA.	TO	STA.

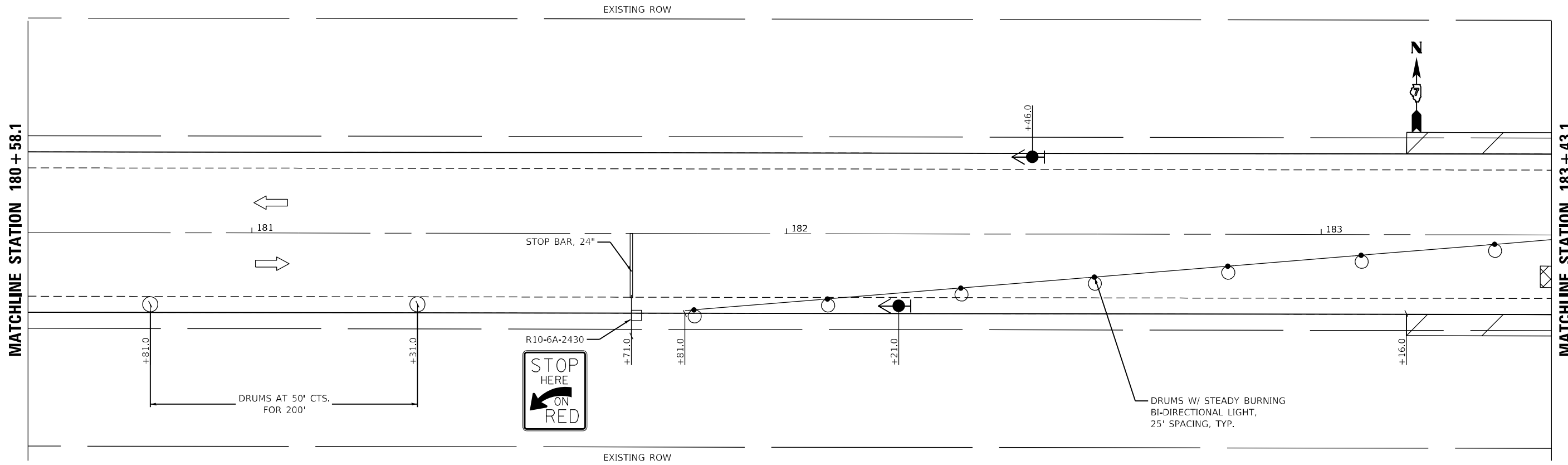
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	57
CONTRACT NO. 74A24			ILLINOIS FED. AID PROJECT	

LEGEND

-  TYPE III BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHTS
-  DIRECTION INDICATOR BARRICADE WITH STEADY BURNING MONODIRECTIONAL LIGHT
-  DRUM
-  SIGN
-  DIRECTION OF TRAFFIC FLOW
-  TEMPORARY CONCRETE BARRIER
-  WORK ZONE



MATCHLINE STATION 180 + 58.1



MATCHLINE STATION 183 + 43.1

MODEL: Default
FILE: \\mamec-pw\uldest-pw-beach\c:\p\w\dot\Documents\DOT Office\Director_7\Projects\74A24\ICAD\DATA\CAD\Sheet\DOT74A24-Left-Culvert_starting1.dgn

USER NAME = stefenmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	REVISIONS -	
PLOT SCALE = 20,0000 * / in.	CHECKED -	REVISIONS -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISIONS -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**






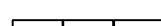
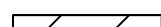
STAGE 1 PLAN SHEETS – STANDARD 701321
EX. SN 070-8306 – PR. SN 070-8309

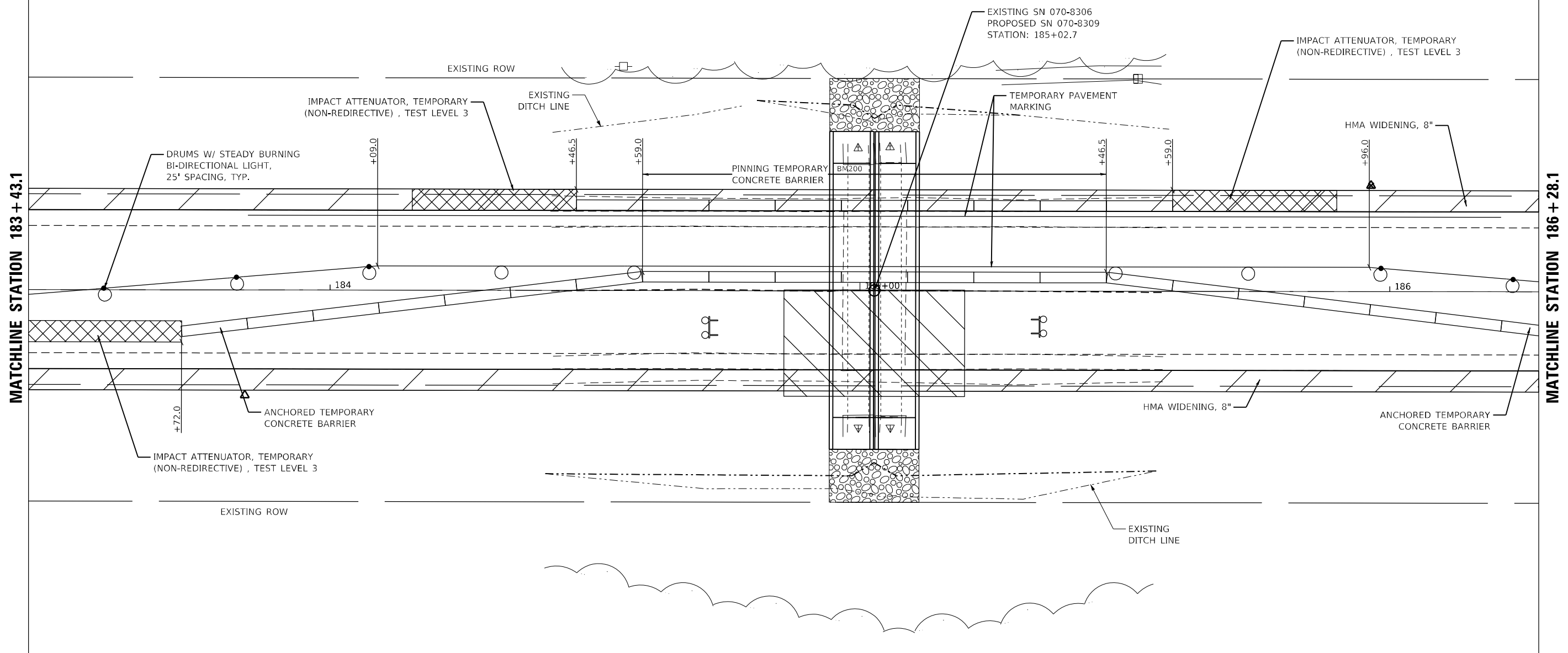
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	58
CONTRACT NO. 74A24				

SCALE: 20,0000 * / in. SHEET OF SHEETS STA. TO STA.

ILLINOIS FED. AID PROJECT

LEGEND

-  TYPE III BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHTS
-  DIRECTION INDICATOR BARRICADE WITH STEADY BURNING MONODIRECTIONAL LIGHT
-  DRUM
-  SIGN
-  DIRECTION OF TRAFFIC FLOW
-  TEMPORARY CONCRETE BARRIER
-  WORK ZONE



MODEL: Default
 FILE: 3dmodel.dwg
 PLOT DATE: 4/18/2022
 PROJECT: 740242\1\CD\Drawings\DOT Office\Drawings\740242\4\std\plan_sheets\740242.dwg

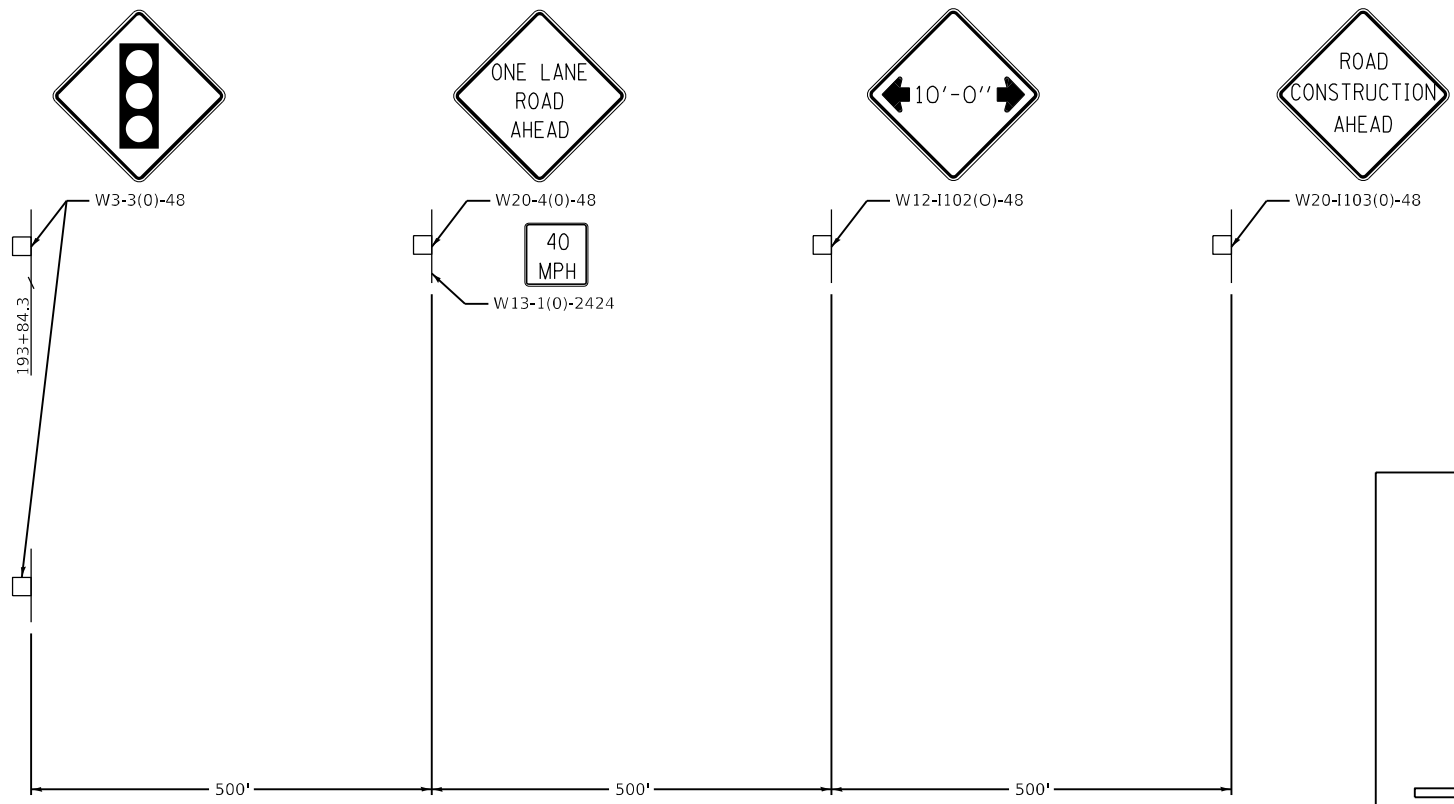
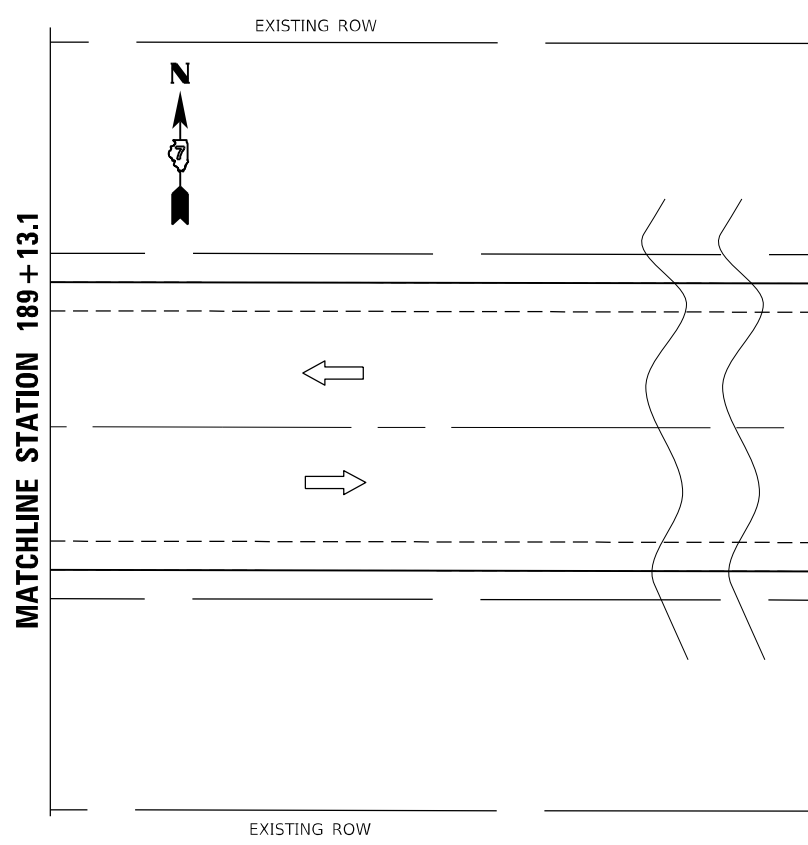
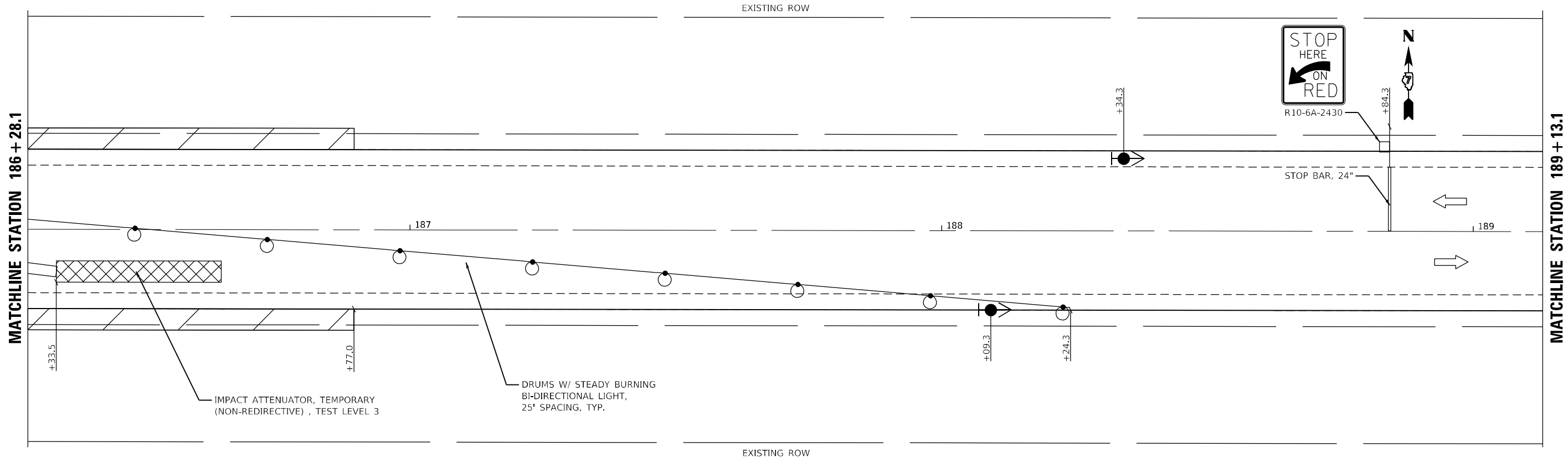
USER NAME = steffenmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	CHECKED -	REVISED -
PLOT SCALE = 20,0000 * / in.	DATE - 4/18/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGE 1 PLAN SHEETS - STANDARD 701321
EX. SN 070-8306 - PR. SN 070-8309**

SCALE: 20,0000 * / in. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	59
CONTRACT NO. 74A24			ILLINOIS FED. AID PROJECT	



LEGEND

- TYPE III BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHTS
- DIRECTION INDICATOR BARRICADE WITH STEADY BURNING MONODIRECTIONAL LIGHT
- DRUM
- SIGN
- DIRECTION OF TRAFFIC FLOW
- TEMPORARY CONCRETE BARRIER
- WORK ZONE

MODEL: Default
 FILE: \\mamec-pw\uldest-pw-beach\p\com\PI\INDOT\Documents\1\DOT Office\Drawings\74024\4\4-18-2022\74024-4-18-2022.dwg
 PROJECT: 74024\1\4\4-18-2022\74024-4-18-2022.dwg

USER NAME = steffnmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	DRAWN - LMH	REVISED -
PLOT SCALE = 20,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -








**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

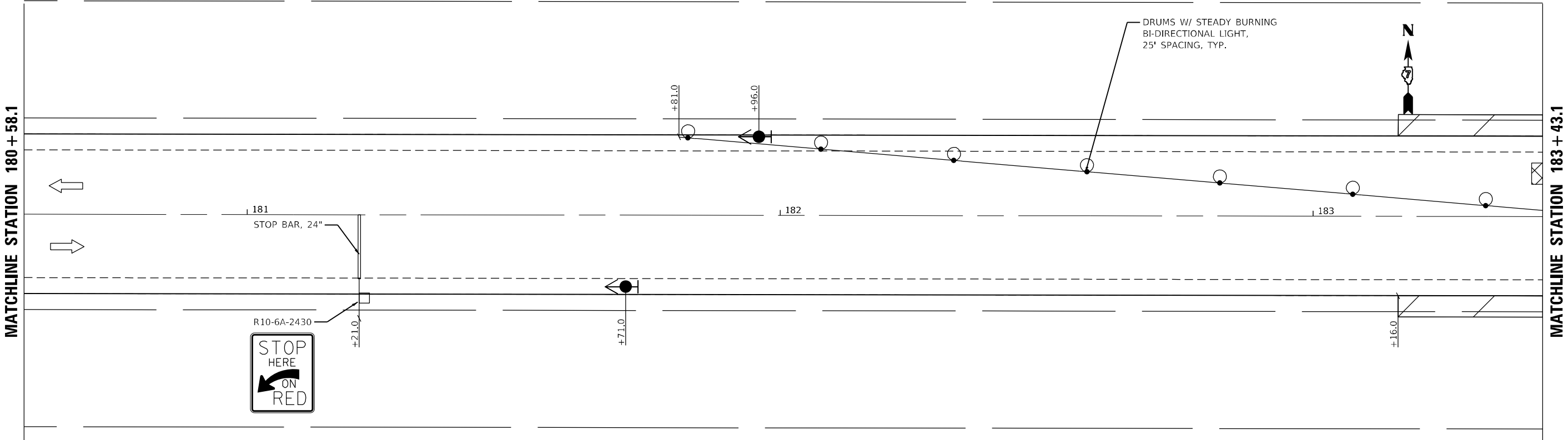
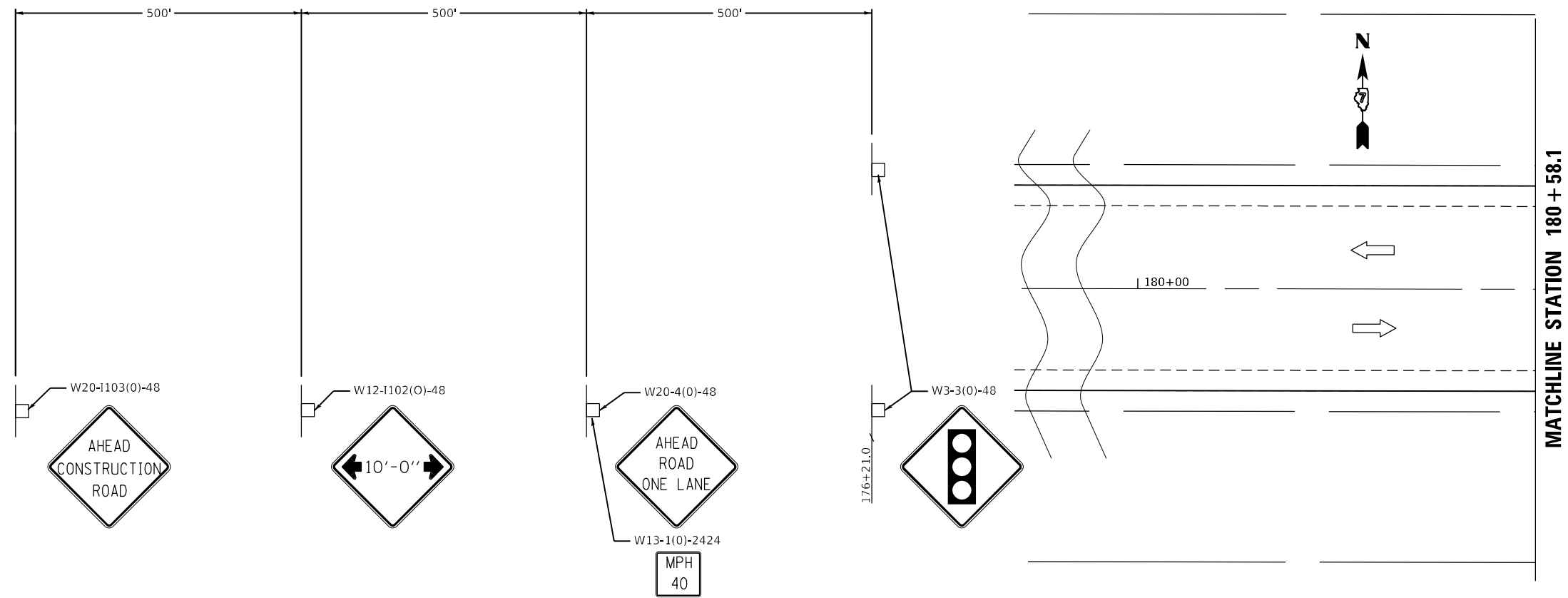
**STAGE 1 PLAN SHEETS - STANDARD 701321
EX. SN 070-8306 - PR. SN 070-8309**

SCALE: 20,0000 * / in. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	60
			CONTRACT NO. 74A24	
ILLINOIS FED. AID PROJECT				

LEGEND

-  TYPE III BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHTS
-  DIRECTION INDICATOR BARRICADE WITH STEADY BURNING MONODIRECTIONAL LIGHT
-  DRUM
-  SIGN
-  DIRECTION OF TRAFFIC FLOW
-  TEMPORARY CONCRETE BARRIER
-  WORK ZONE



MODEL: Default
 FILE: Mainfile.pia
 PROJECT: 74A24\ICAD\Drawings\CAD\Sheet\74A24-48-1-1.dwg
 USER: stjeff@nmk.com
 PLOT DATE: 4/18/2022

USER NAME = stjeff@nmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	REVISIONS -	
PLOT SCALE = 20,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -






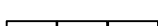
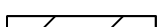
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

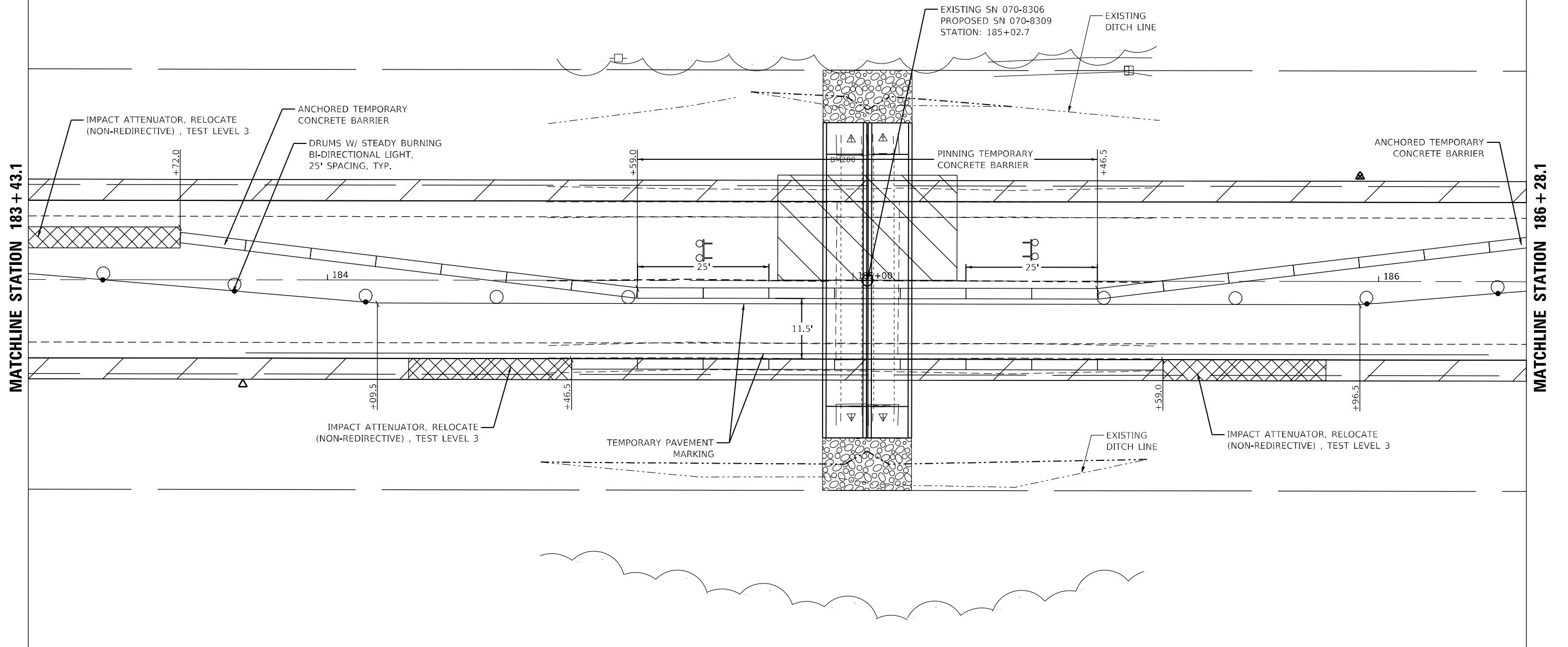
STAGE 2 PLAN SHEETS – STANDARD 701321
EX. SN 070-8306 – PR. SN 070-8309

SCALE: 20,0000 * / in. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	61
CONTRACT NO. 74A24				
ILLINOIS FED. AID PROJECT				

LEGEND

-  TYPE III BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHTS
-  DIRECTION INDICATOR BARRICADE WITH STEADY BURNING MONODIRECTIONAL LIGHT
-  DRUM
-  SIGN
-  DIRECTION OF TRAFFIC FLOW
-  TEMPORARY CONCRETE BARRIER
-  WORK ZONE



MODEL: Default
 FILE: 1441616.dwg
 PLOT DATE: 4/18/2022
 PROJECT: ILLINOIS DEPARTMENT OF TRANSPORTATION
 SHEET: 130 OF 130

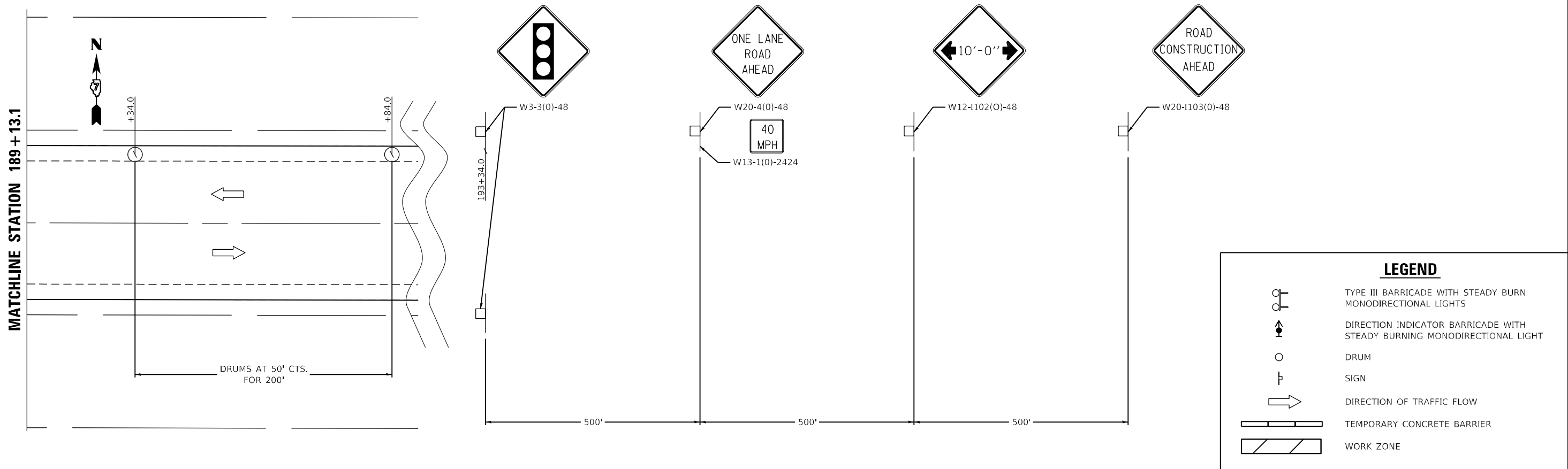
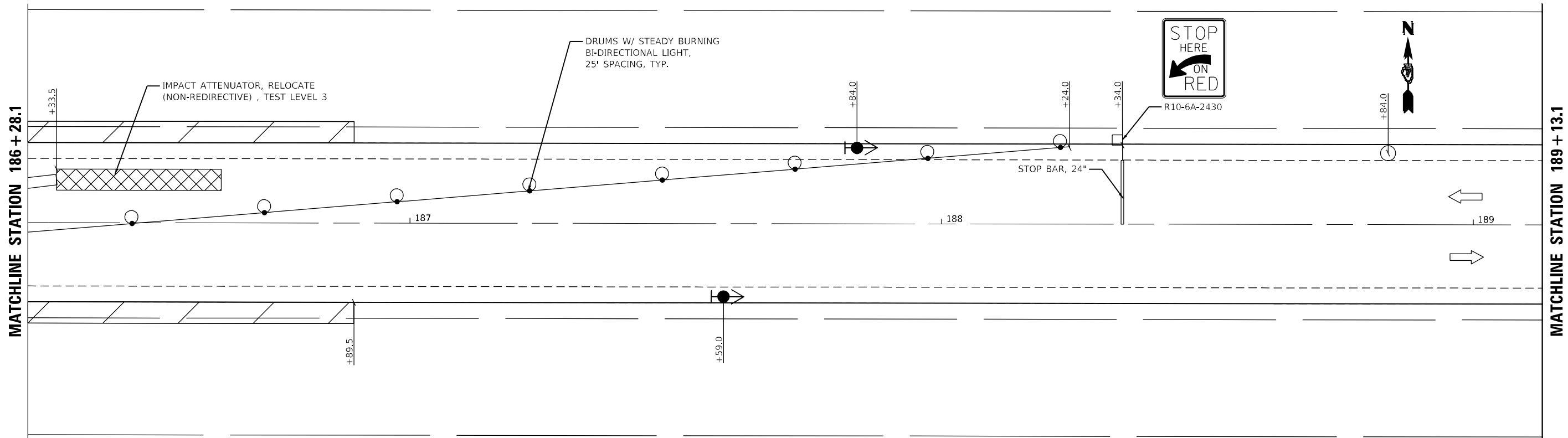
USER NAME = stefnmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	CHECKED -	REVISIED -
PLOT SCALE = 20,0000 * / in.	DATE - 4/18/2022	REVISIED -
PLOT DATE = 4/18/2022		

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**STAGE 2 PLAN SHEETS - STANDARD 701321
 EX. SN 070-8306 - PR. SN 070-8309**

SCALE: 20,0000 * / in. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	62
CONTRACT NO. 74A24			ILLINOIS FED. AID PROJECT	



MODEL: Default
 FILE: \\na1c:\p\l\sect-cw-beach\p\p\DOT Documents\1\DOT Office\Dir\refr: 7\Project\74A24\ICAD\DATA\CAD\FILES\1\74A24-48-1-1-2022.dwg
 PLOT DATE = 4/18/2022

USER NAME = stefnkm	DESIGNED - LMH	REVISED -
DRAWN - LMH	CHECKED -	REVISED -
PLOT SCALE = 20,0000' / in.	DATE - 4/18/2022	REVISED -






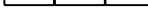
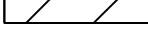
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

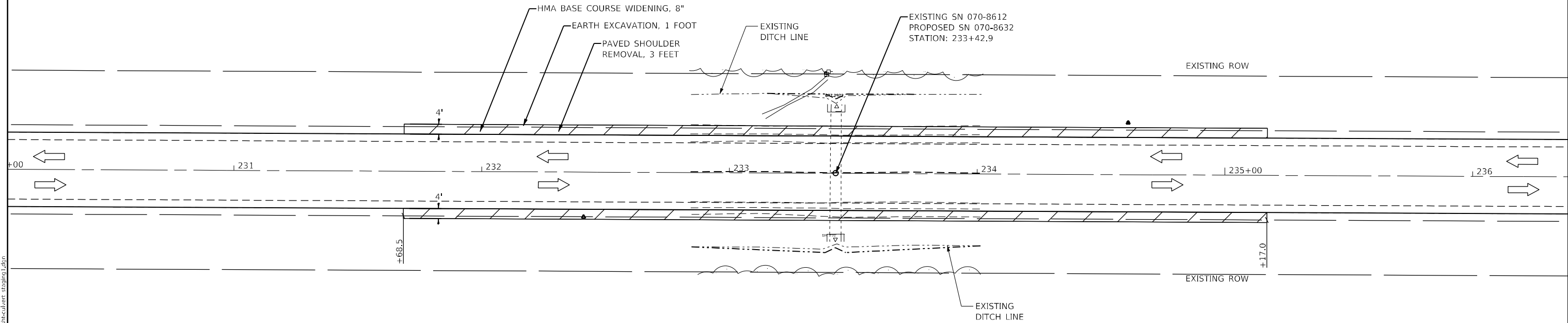
STAGE 2 PLAN SHEETS - STANDARD 701321
EX. SN 070-8306 - PR. SN 070-8309

SCALE: 20,0000' / in. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	63
CONTRACT NO. 74A24			ILLINOIS FED. AID PROJECT	

LEGEND

-  TYPE III BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHTS
-  DIRECTION INDICATOR BARRICADE WITH STEADY BURNING MONODIRECTIONAL LIGHT
-  DRUM
-  SIGN
-  DIRECTION OF TRAFFIC FLOW
-  TEMPORARY CONCRETE BARRIER
-  WORK ZONE



MODEL: Default
 FILE: \\na16c-pw-bentley.com\P\W\DOT\Documents\DOT Office\Dir\dir: 7\Project\74A24\CADD\DATA\CAD\Sheet\74A24-Left\cultur_ats\p01.dgn

USER NAME = steffenmk	DESIGNED - LMH	REVISED -
	DRAWN - LMH	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -








**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

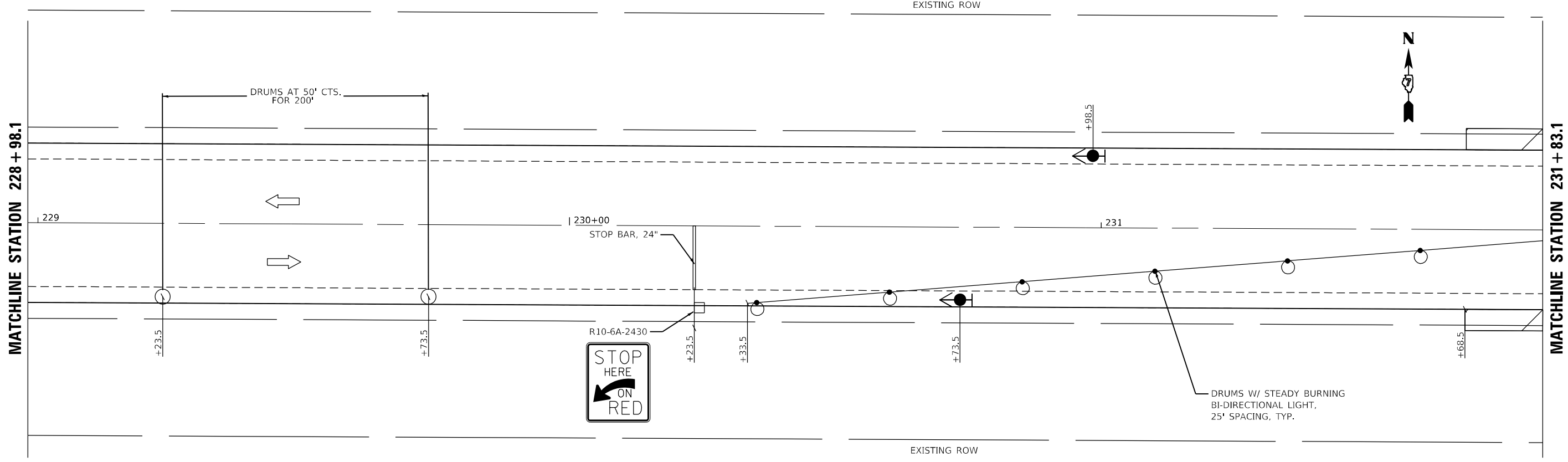
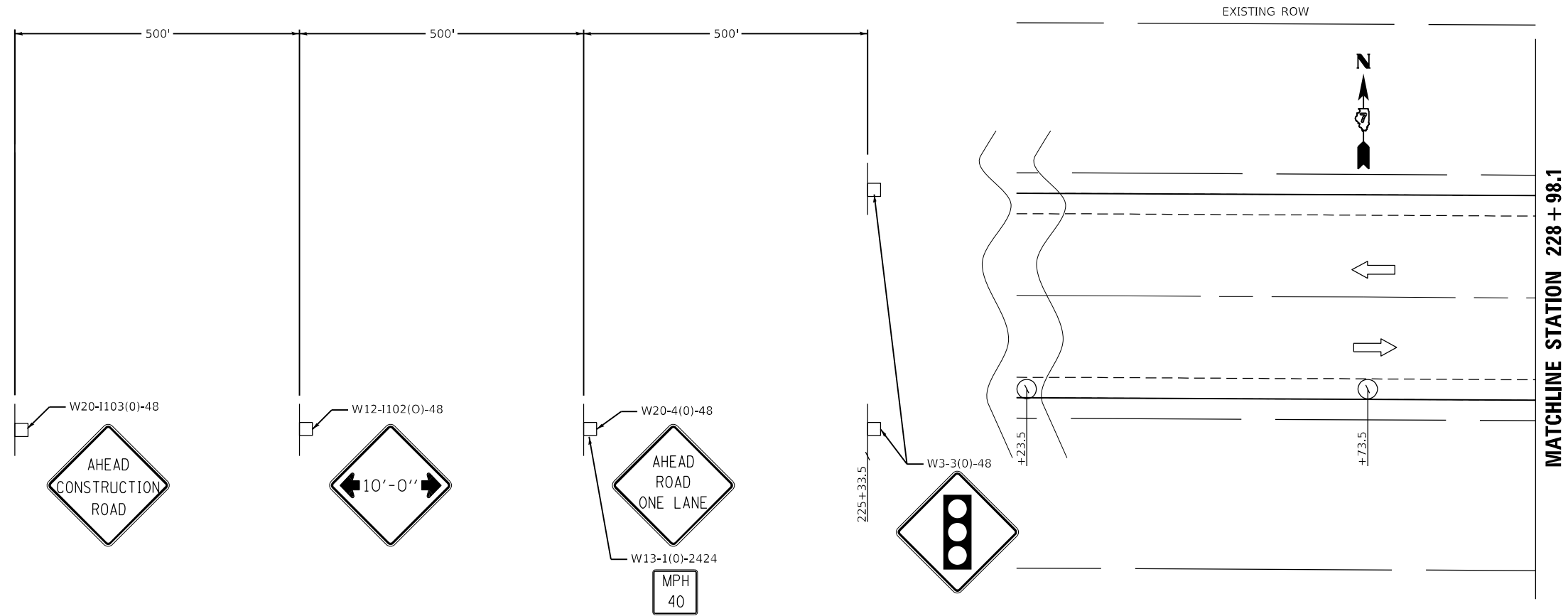
PRESTAGE PLAN SHEETS			
EX. SN 070-8612 - PR. SN 070-8632			
SCALE: 40,0000 * / in.	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	64
ILLINOIS			FED. AID PROJECT	

CONTRACT NO. 74A24

LEGEND

-  TYPE III BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHTS
-  DIRECTION INDICATOR BARRICADE WITH STEADY BURNING MONODIRECTIONAL LIGHT
-  DRUM
-  SIGN
-  DIRECTION OF TRAFFIC FLOW
-  TEMPORARY CONCRETE BARRIER
-  WORK ZONE



MODEL: Default
 FILE: \\na11c:\p\project\74424\1\CAD\Drawings\CAD\Sheet\74424-1-48-1.dwg
 PROJECT: 74424\1\CAD\Drawings\CAD\Sheet\74424-1-48-1.dwg

USER NAME = stefnkmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	REVISIONS -	
PLOT SCALE = 20,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -






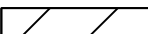

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

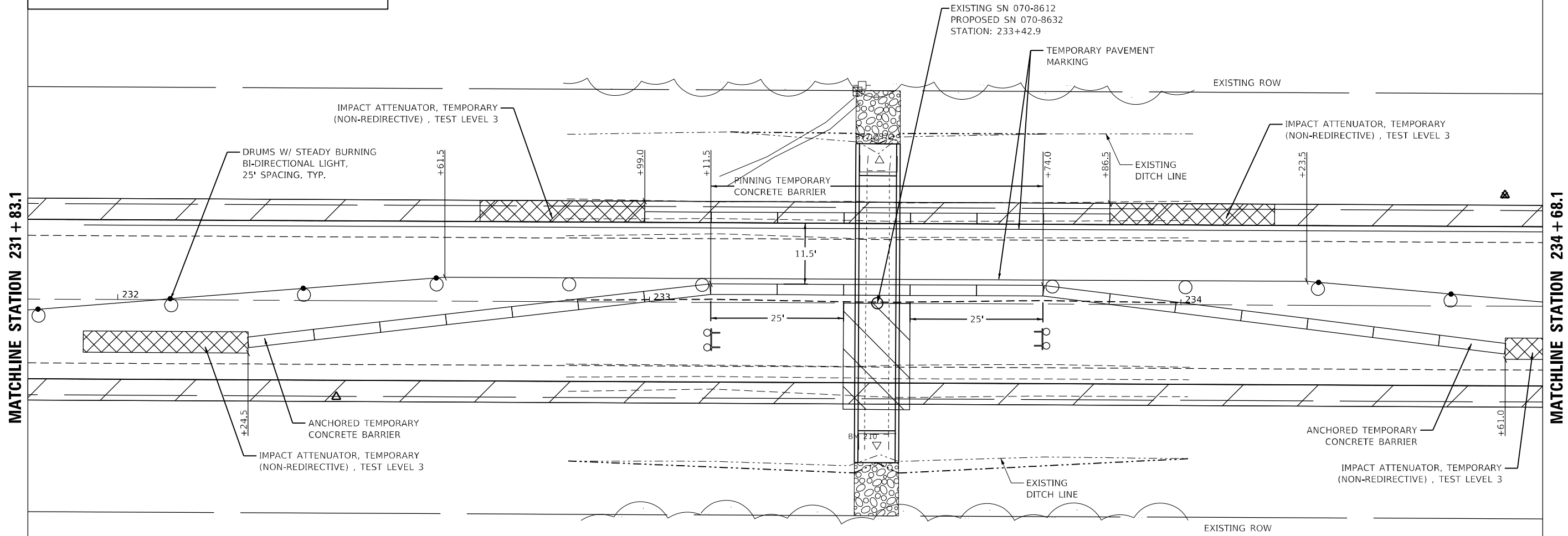
**STAGE 1 PLAN SHEETS - STANDARD 701321
EX. SN 070-8612 - PR. SN 070-8632**

SCALE: 20,0000 * / in. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	65
CONTRACT NO. 74A24			ILLINOIS FED. AID PROJECT	

LEGEND

-  TYPE III BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHTS
-  DIRECTION INDICATOR BARRICADE WITH STEADY BURNING MONODIRECTIONAL LIGHT
-  DRUM
-  SIGN
-  DIRECTION OF TRAFFIC FLOW
-  TEMPORARY CONCRETE BARRIER
-  WORK ZONE



MODEL: Default
 FILE: \\murf.com\p\l\st-cw-bead\p\m\DOT Documents\DOT Office\Dir\dir_7\Project\7424\ICAD\DATA\CAD\Sheet\7424\4-LR-CULVERT.dwg
 PROJECT: 7424\ICAD\DATA\CAD\Sheet\7424\4-LR-CULVERT.dwg

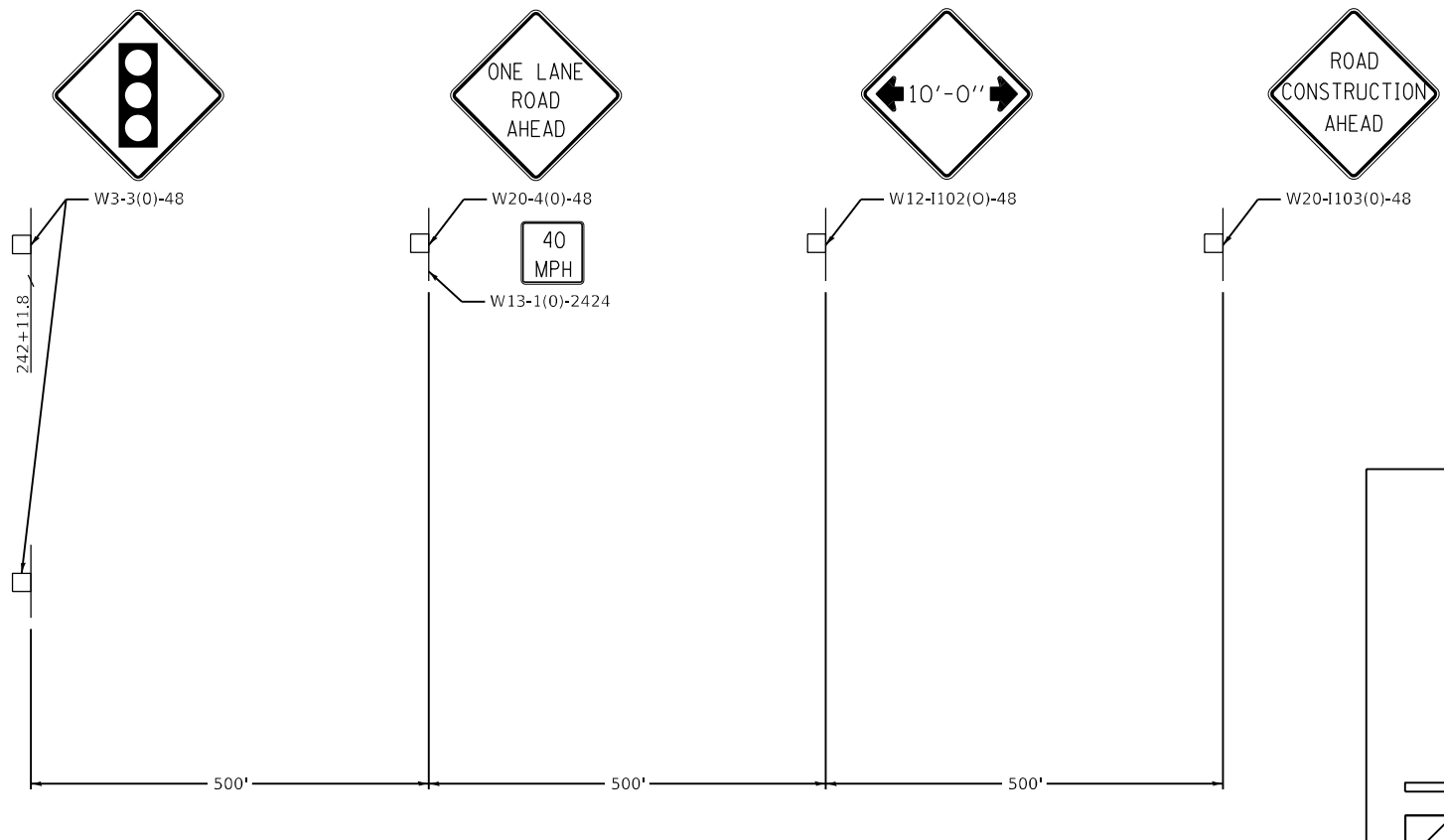
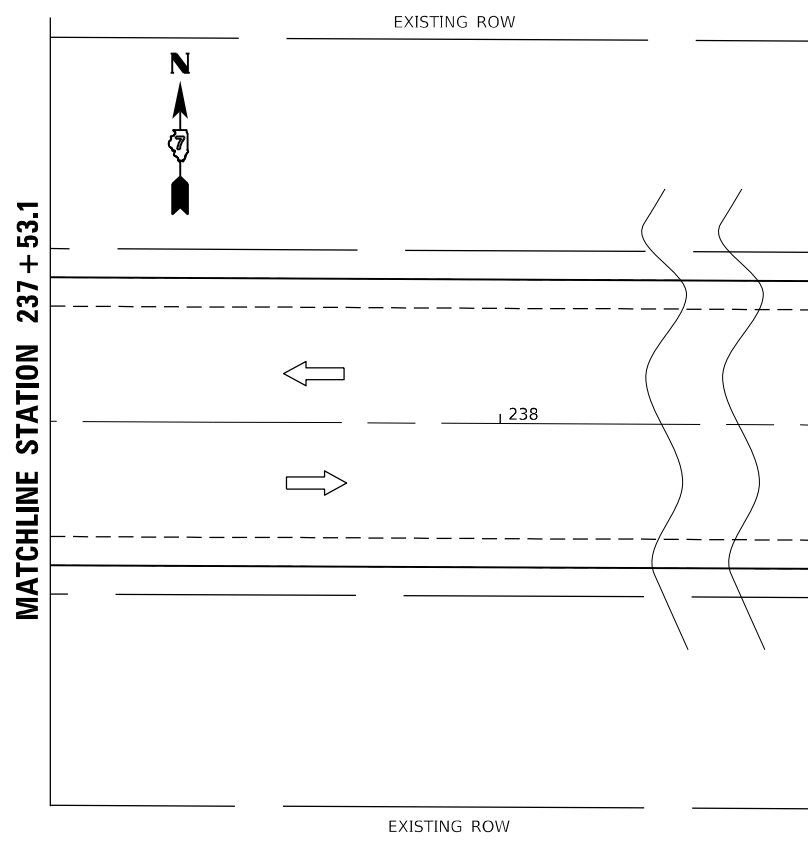
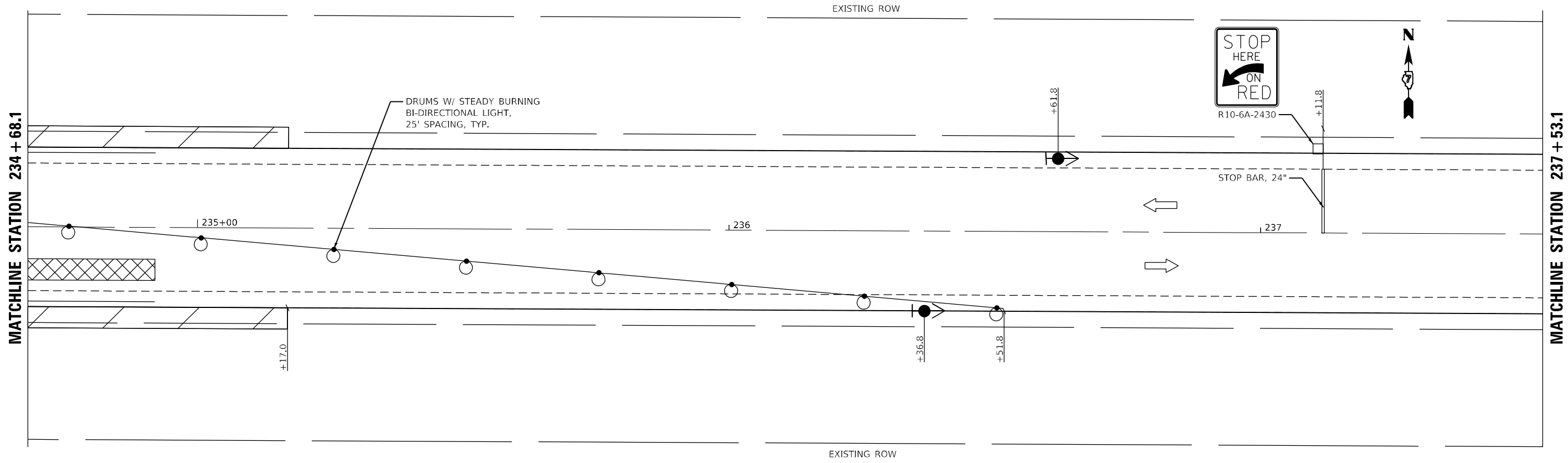
USER NAME = steffnmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	CHECKED -	REVISED -
PLOT SCALE = 20,0000' / in.	DATE - 4/18/2022	REVISED -
PLOT DATE = 4/18/2022		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGE 1 PLAN SHEETS - STANDARD 701321
EX. SN 070-8612 - PR. SN 070-8632**

SCALE: 20,0000' / in. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	66
CONTRACT NO. 74A24			ILLINOIS FED. AID PROJECT	



LEGEND

- TYPE III BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHTS
- DIRECTION INDICATOR BARRICADE WITH STEADY BURNING MONODIRECTIONAL LIGHT
- DRUM
- SIGN
- DIRECTION OF TRAFFIC FLOW
- TEMPORARY CONCRETE BARRIER
- WORK ZONE

MODEL: Default
 FILE: \\mamec-pw\uldrackaw\bea\paw.com\PIV\DOT\Documents\DOT Office\Director_7\Project\74A24\ICAD\Bata\CAD\Sheet\074A24-4-std-culvert_atgipn01.dgn






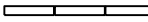
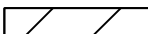
USER NAME = stefenmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	CHECKED -	REVISED -
PLOT SCALE = 20,0000 * / in.	DATE - 4/18/2022	REVISED -
PLOT DATE = 4/18/2022		

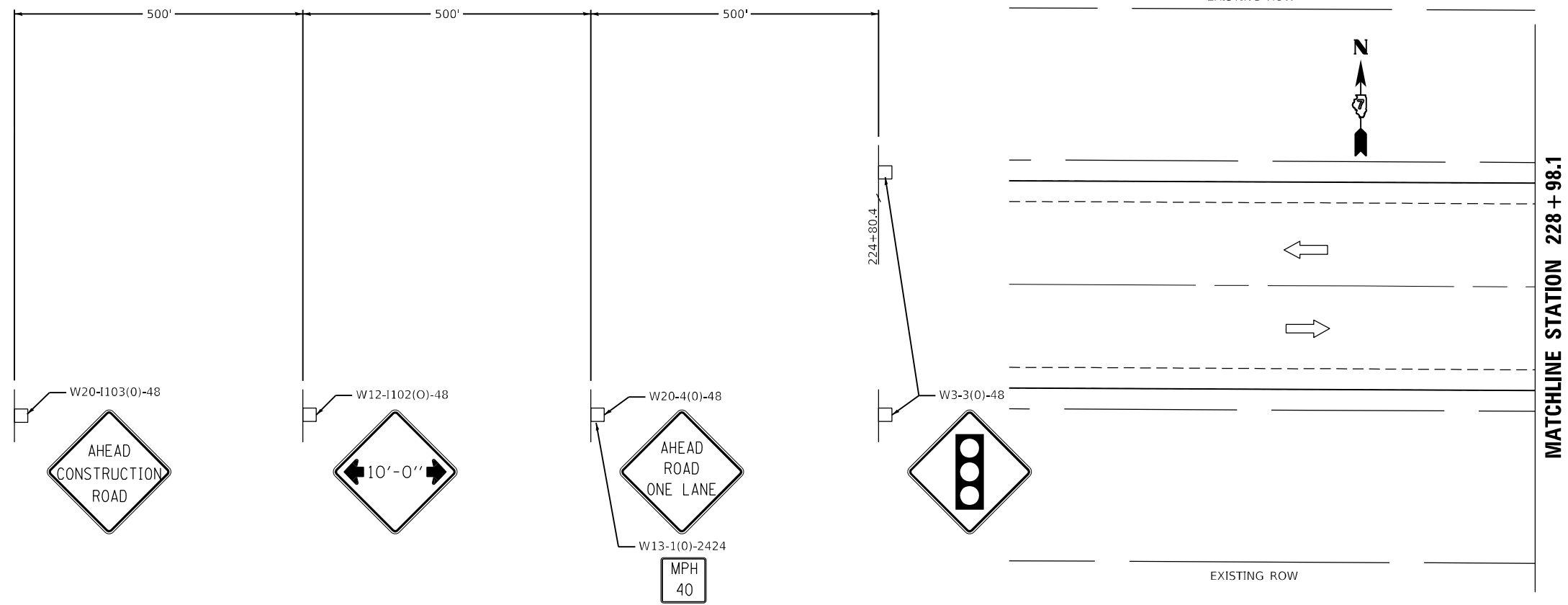
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STAGE 1 PLAN SHEETS - STANDARD 701321
EX. SN 070-8612 - PR. SN 070-8632
 SCALE: 20,0000 * / in. SHEET OF SHEETS STA. TO STA.

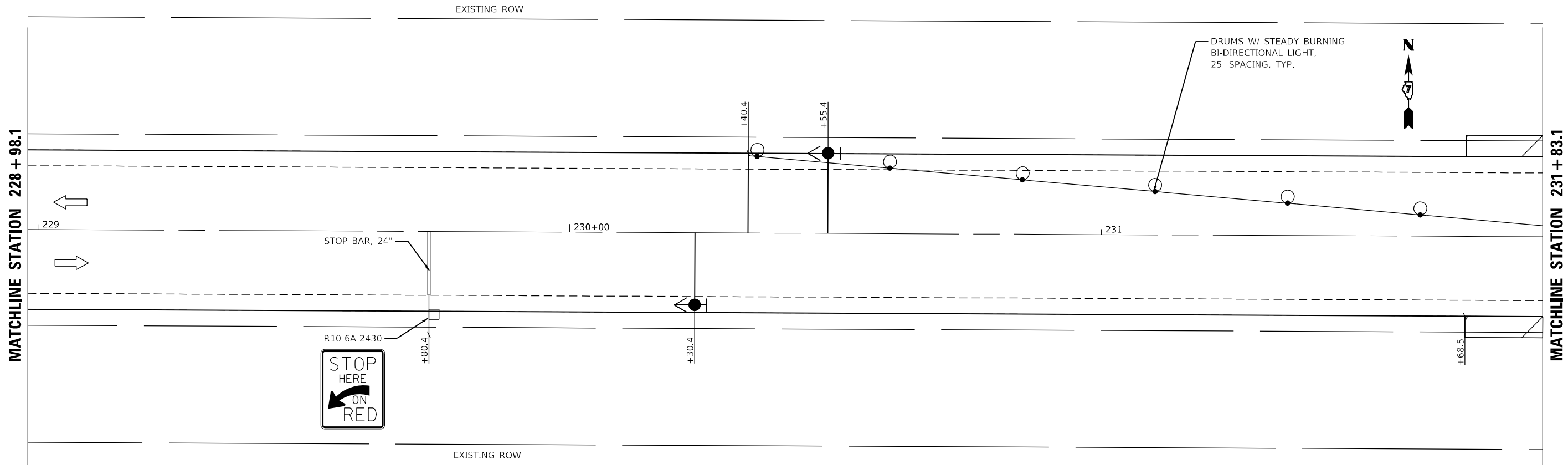
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	67
CONTRACT NO. 74A24			ILLINOIS FED. AID PROJECT	

LEGEND

-  TYPE III BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHTS
-  DIRECTION INDICATOR BARRICADE WITH STEADY BURNING MONODIRECTIONAL LIGHT
-  DRUM
-  SIGN
-  DIRECTION OF TRAFFIC FLOW
-  TEMPORARY CONCRETE BARRIER
-  WORK ZONE



MATCHLINE STATION 228 + 98.1



MATCHLINE STATION 228 + 98.1

MATCHLINE STATION 231 + 83.1

MODEL: Default
FILE: \\na16c-pw\project\paw\bea\paw.com\PIV\DOT\Documents\DOT Office\Director_2\Project\74A24\ICAD\DATA\CAD\Sheet\74A24-4-Plan\Sheet_Stage01.dgn

USER NAME = stefenmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	REVISIONS -	
PLOT SCALE = 20,0000 * / in.	CHECKED -	REVISIONS -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISIONS -






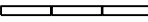

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

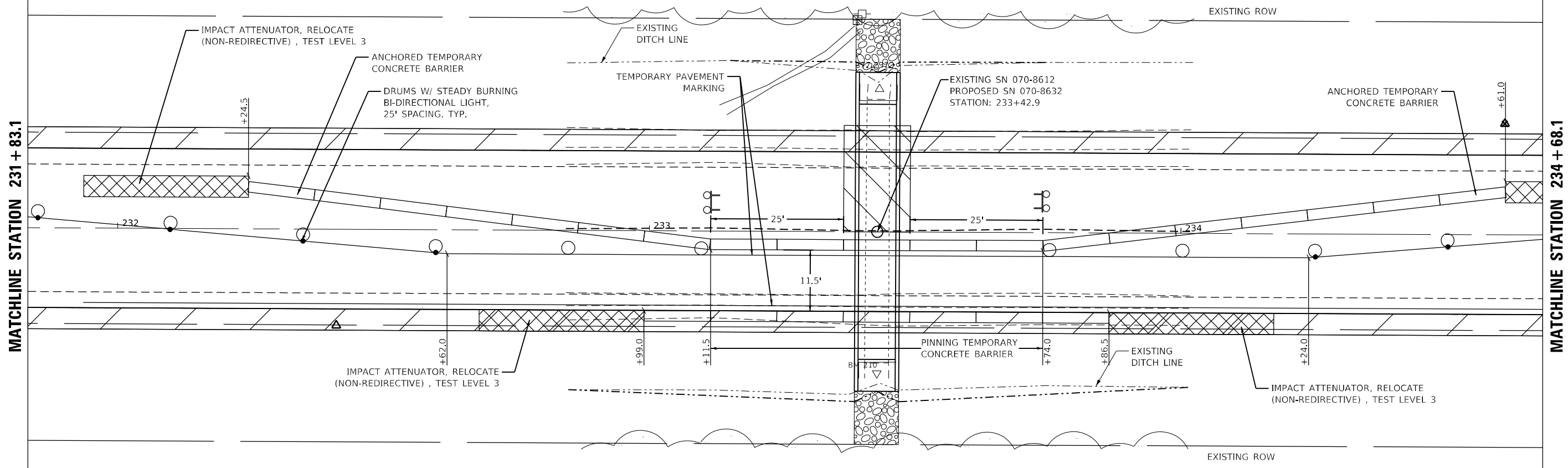
**STAGE 2 PLAN SHEETS - STANDARD 701321
EX. SN 070-8612 - PR. SN 070-8632**

SCALE: 20,0000 * / in. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	68
CONTRACT NO. 74A24			ILLINOIS FED. AID PROJECT	

LEGEND

-  TYPE III BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHTS
-  DIRECTION INDICATOR BARRICADE WITH STEADY BURNING MONODIRECTIONAL LIGHT
-  DRUM
-  SIGN
-  DIRECTION OF TRAFFIC FLOW
-  TEMPORARY CONCRETE BARRIER
-  WORK ZONE



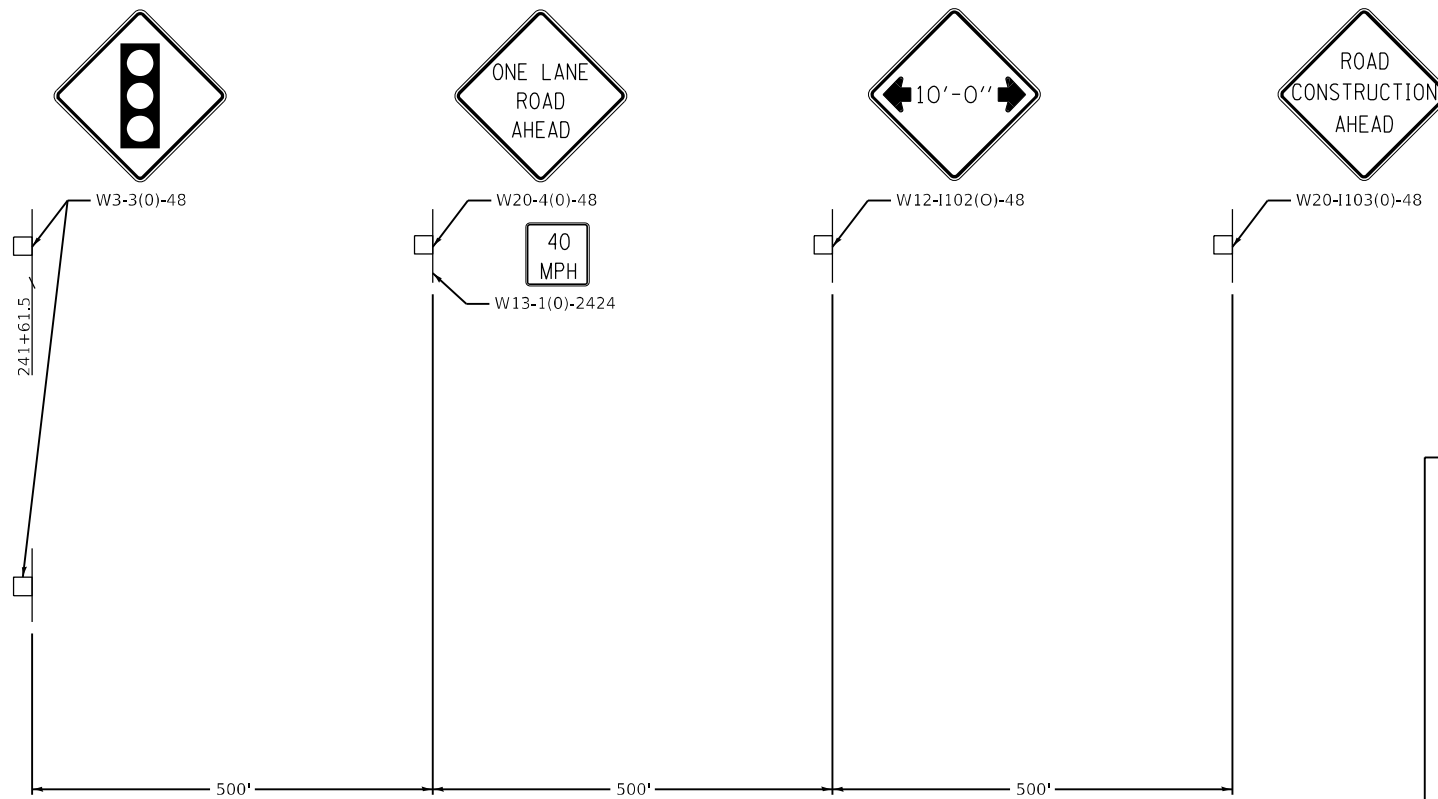
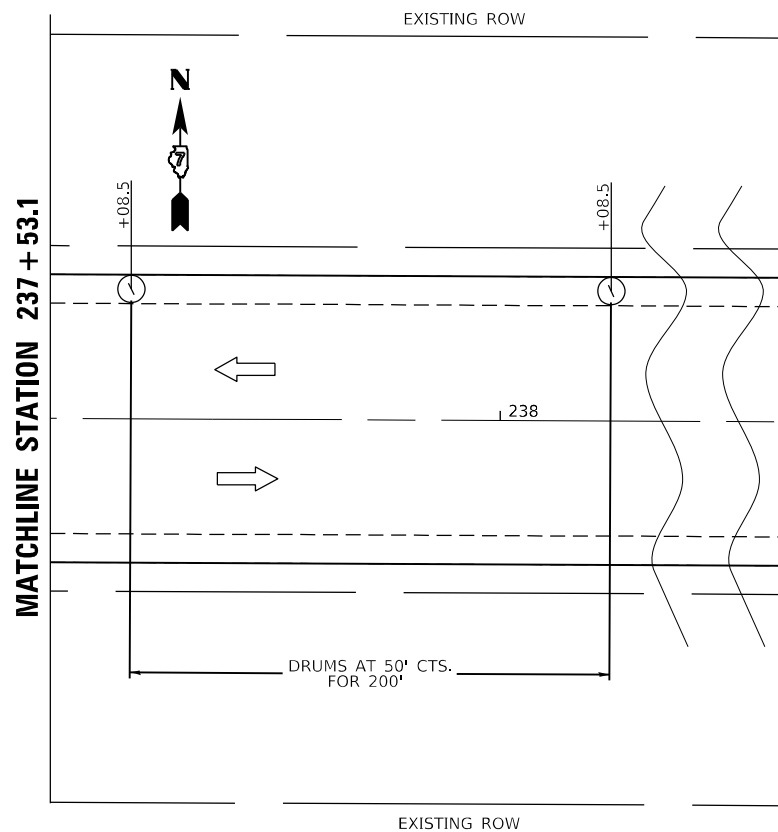
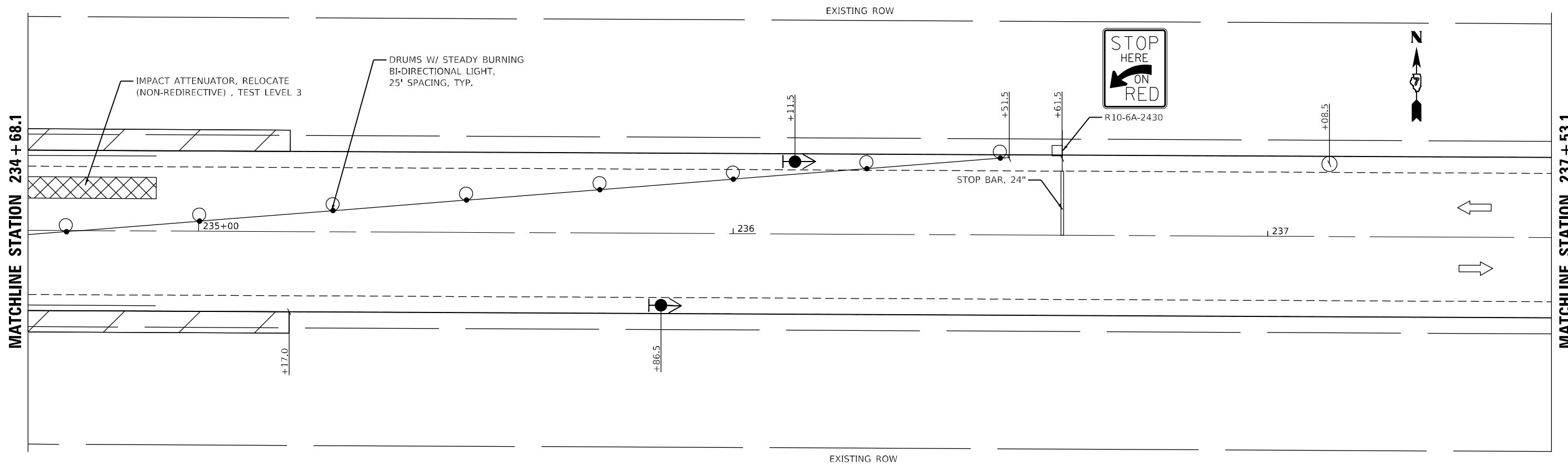
MODEL: Default
 FILE: \\na11c:\pwworkspace\ben.fay.com\PIV\DOT\Documents\DOT Office\Director_7\Project\7424\ICAD\Drawings\CAD\Sheet\7424\4-18-22\cultural_atg1901.dwg

USER NAME = steffnmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	REVISIONS -	
PLOT SCALE = 20,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STAGE 2 PLAN SHEETS - STANDARD 701321
EX. SN 070-8612 - PR. SN 070-8632
 SCALE: 20,0000 * / in. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	69
CONTRACT NO. 74A24			ILLINOIS FED. AID PROJECT	



LEGEND

- TYPE III BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHTS
- DIRECTION INDICATOR BARRICADE WITH STEADY BURNING MONODIRECTIONAL LIGHT
- DRUM
- SIGN
- DIRECTION OF TRAFFIC FLOW
- TEMPORARY CONCRETE BARRIER
- WORK ZONE

MODEL: Default
 FILE: \\blmfc-pw\uldest-pw-beckley.com\PI\DOT\Documents\DOT Office\Dir\refr_7\Project\74A24\ICADD\B3\CAD\Sheet\074A24-48-PlanSheet.dwg
 atgjin1.dgn

USER NAME = stefnkmk	DESIGNED - LMH	REVISED -
	DRAWN - LMH	REVISED -
PLOT SCALE = 20,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -






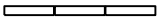
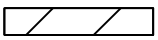
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

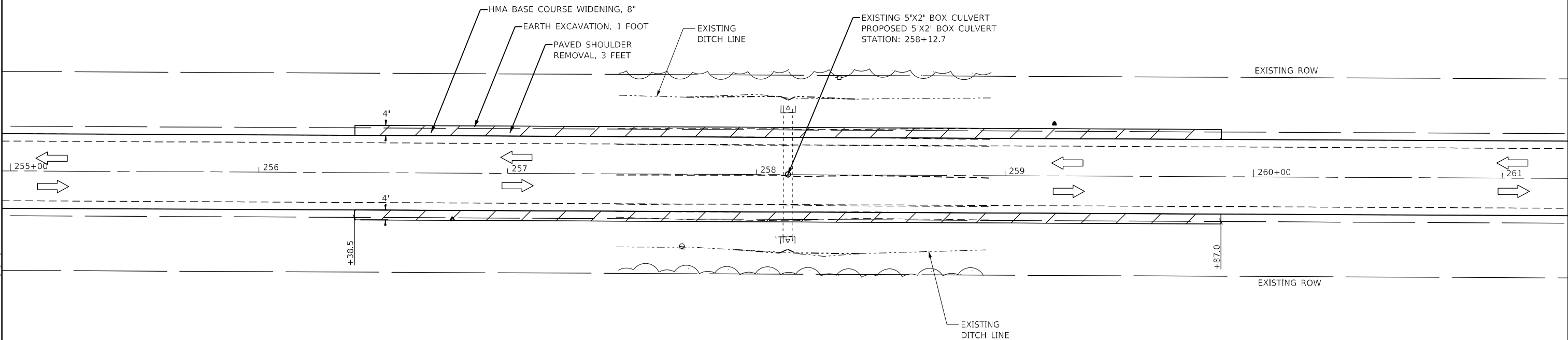
STAGE 2 PLAN SHEETS - STANDARD 701321
EX. SN 070-8612 - PR. SN 070-8632

SCALE: 20,0000 * / in. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	70
				CONTRACT NO. 74A24
ILLINOIS FED. AID PROJECT				

LEGEND

-  TYPE III BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHTS
-  DIRECTION INDICATOR BARRICADE WITH STEADY BURNING MONODIRECTIONAL LIGHT
-  DRUM
-  SIGN
-  DIRECTION OF TRAFFIC FLOW
-  TEMPORARY CONCRETE BARRIER
-  WORK ZONE



MODEL: Default
 FILE: \\na11c:\pwworkspace\ben.fay.com\PIV\DOT\Documents\DOT Office\Dir\dir_7\Project\74A24\CAD\DATA\CAD\Sheet\1\74A24-5-1-1-Culvert.dwg

USER NAME = steffnmk	DESIGNED - LMH	REVISED -
	DRAWN - LMH	REVISED -
PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -








**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

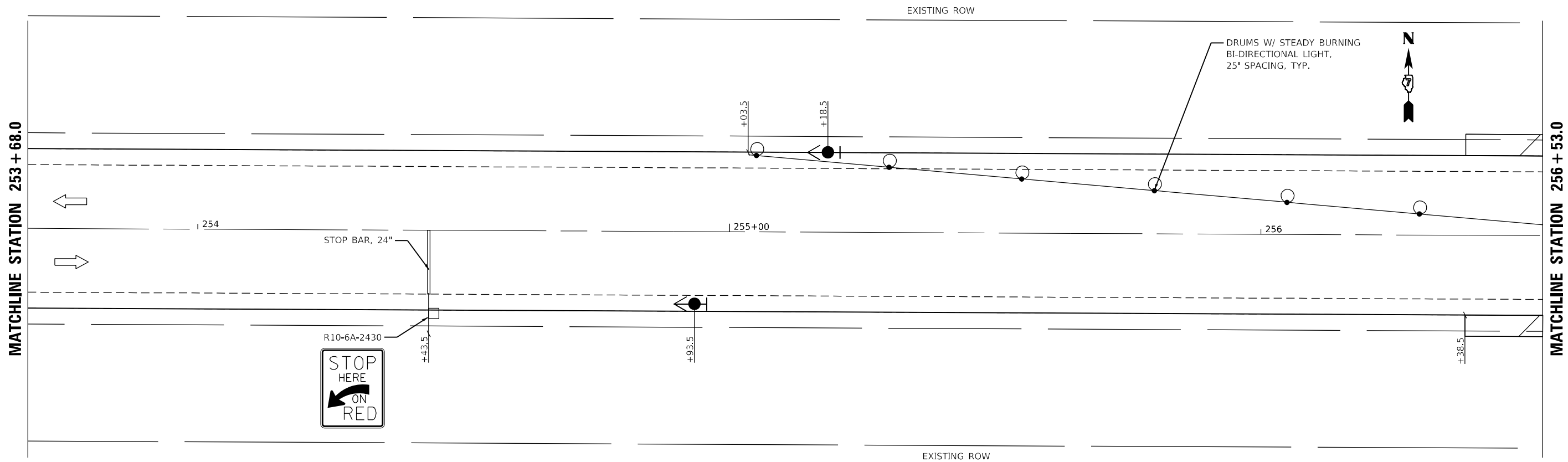
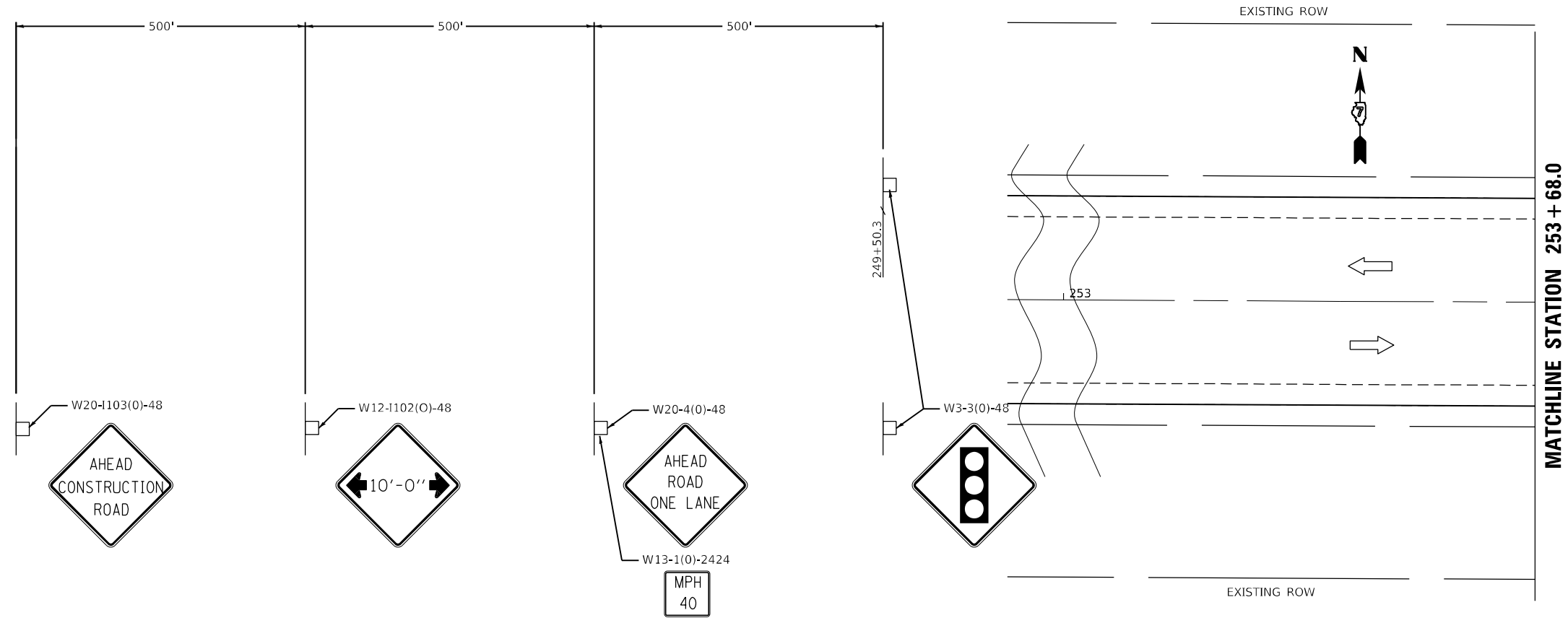
**PRESTAGE PLAN SHEETS
PR. STRUCTURE AT STATION 258 + 12.7 - 5'X2' BOX CULVERT**

SCALE: 40,0000 ' / in. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	71
CONTRACT NO. 74A24				
ILLINOIS		FED. AID PROJECT		

LEGEND

-  TYPE III BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHTS
-  DIRECTION INDICATOR BARRICADE WITH STEADY BURNING MONODIRECTIONAL LIGHT
-  DRUM
-  SIGN
-  DIRECTION OF TRAFFIC FLOW
-  TEMPORARY CONCRETE BARRIER
-  WORK ZONE



MODEL: Default
 FILE: \\na16c-pw-bentley.com\P\W\DOT\Documents\DOT Office\Director_7\Project\74A24\ICADD\BentleyCAD\Project\74A24\ICADD\Structure.dwg
 MODEL: Default
 FILE: \\na16c-pw-bentley.com\P\W\DOT\Documents\DOT Office\Director_7\Project\74A24\ICADD\BentleyCAD\Project\74A24\ICADD\Structure.dwg

USER NAME = stefnmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	REVISIONS -	
PLOT SCALE = 20,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -






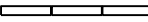
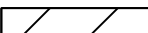
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

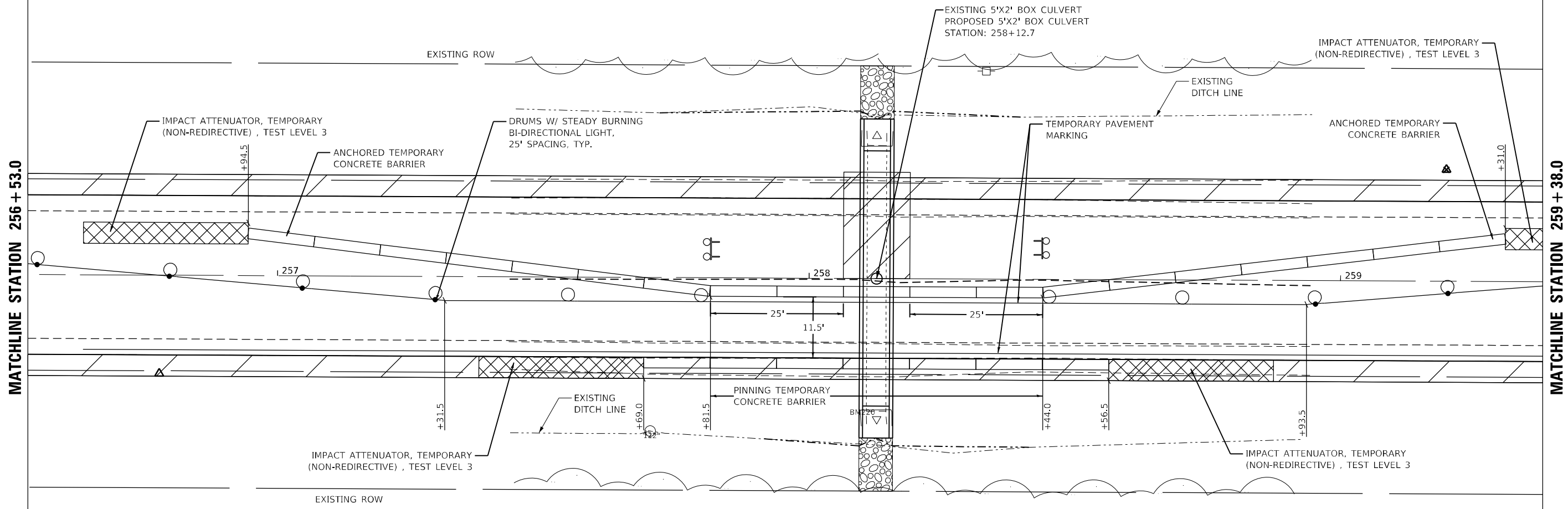
STAGE 1 PLAN SHEETS - STANDARD 701321
PR. STRUCTURE AT STATION 258+12.7 - 5'X2' BOX CULVERT

SCALE: 20,0000 * / in. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	72
			CONTRACT NO. 74A24	
ILLINOIS FED. AID PROJECT				

LEGEND

-  TYPE III BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHTS
-  DIRECTION INDICATOR BARRICADE WITH STEADY BURNING MONODIRECTIONAL LIGHT
-  DRUM
-  SIGN
-  DIRECTION OF TRAFFIC FLOW
-  TEMPORARY CONCRETE BARRIER
-  WORK ZONE



MODEL: Default
 FILE: \\na16c-pw\ultra-pw-bead\p\com\PIV\DOT\Documents\DOT Office\Director_7\Project\74A24\ICAD\DATA\CAD\Sheet\74A24-5-1-1-1.dwg
 PROJECT: 74A24\ICAD\DATA\CAD\Sheet\74A24-5-1-1-1.dwg

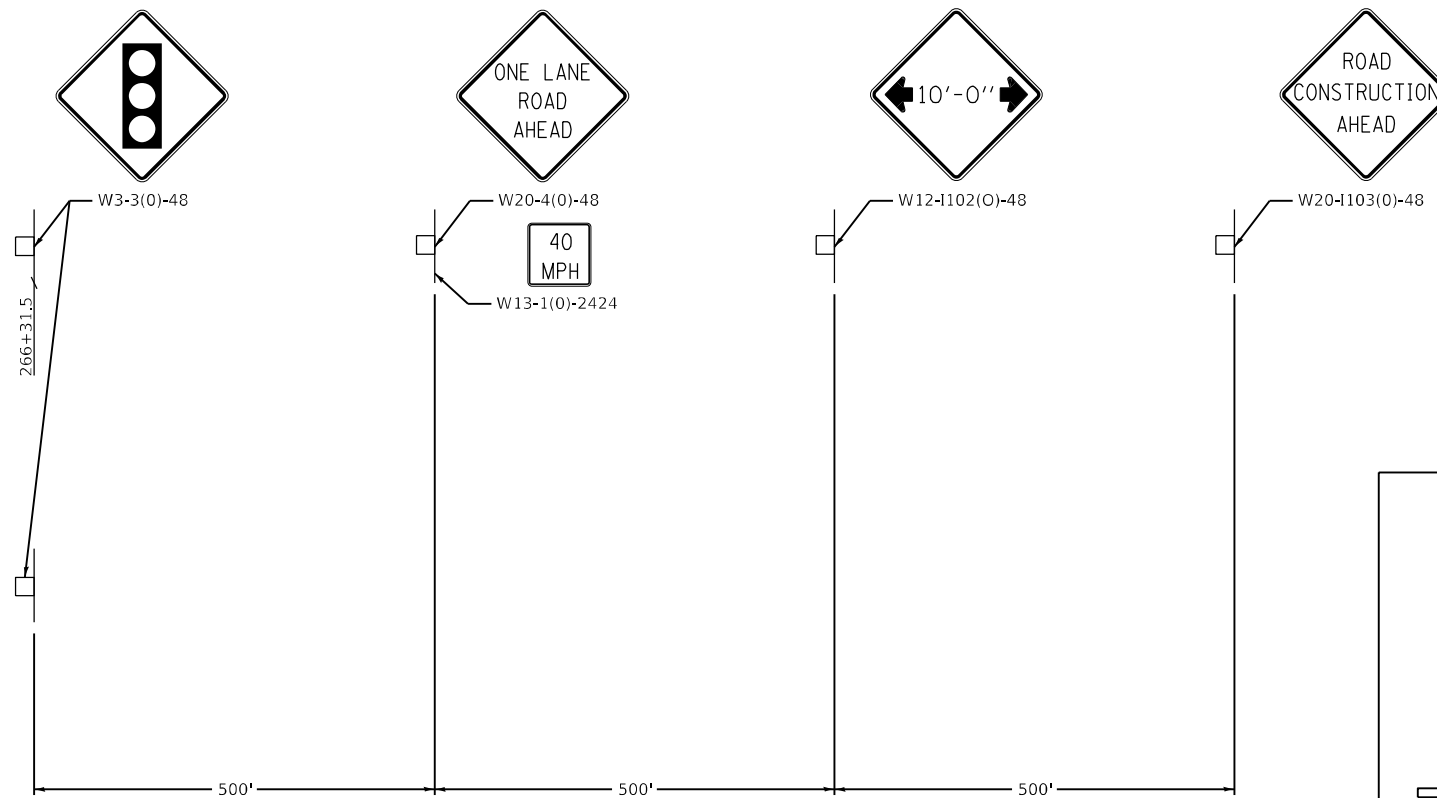
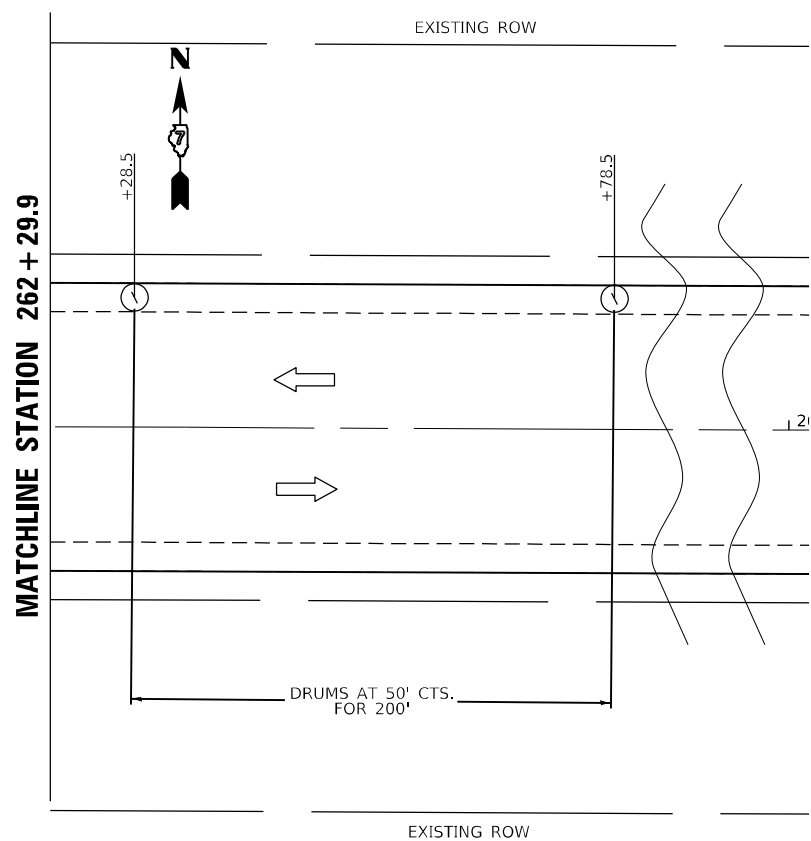
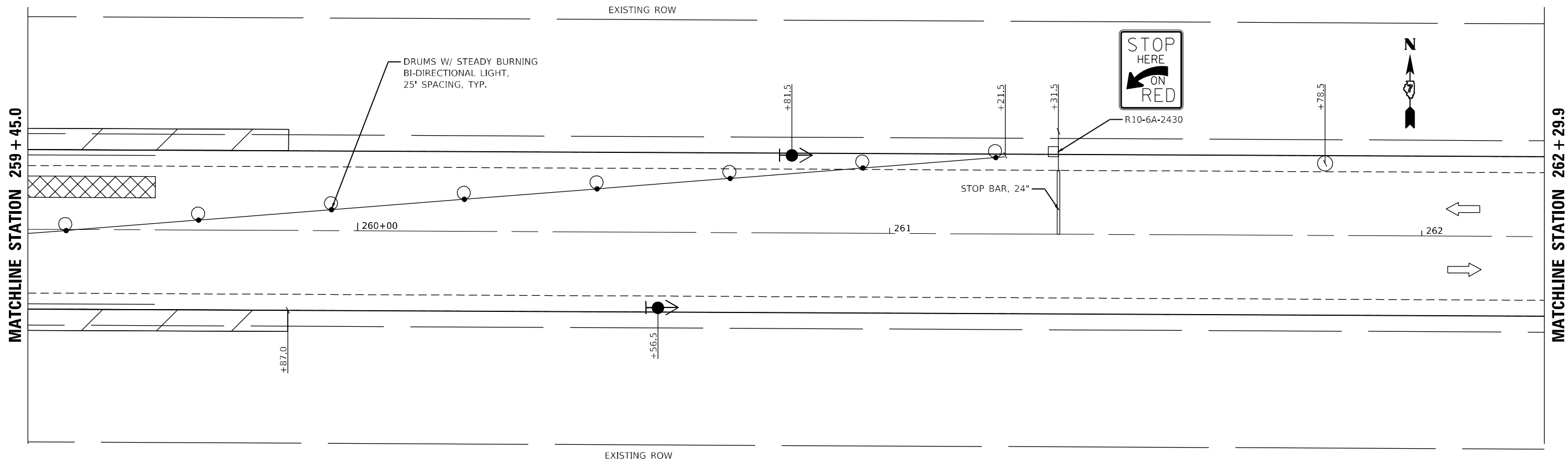
USER NAME = steffnmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	CHECKED -	REVISED -
PLOT SCALE = 20,0000 * / in.	DATE - 4/18/2022	REVISED -
PLOT DATE = 4/18/2022		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 1 PLAN SHEETS - STANDARD 701321
PR. STRUCTURE AT STATION 258+12.7 - 5'X2' BOX CULVERT

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	73
CONTRACT NO. 74A24				
ILLINOIS FED. AID PROJECT				

SCALE: 20,0000 * / in. SHEET OF SHEETS STA. TO STA.



LEGEND

- TYPE III BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHTS
- DIRECTION INDICATOR BARRICADE WITH STEADY BURNING MONODIRECTIONAL LIGHT
- DRUM
- SIGN
- DIRECTION OF TRAFFIC FLOW
- TEMPORARY CONCRETE BARRIER
- WORK ZONE

MODEL: Default
 FILE: 74A24_PlanSheet.dwg
 PROJECT: 74A24_ILCD0001\DOT_Offices\Director_7\Projects\74A24\CD\Sheet\74A24-PlanSheet.dwg
 USER: lmh

USER NAME = stefnmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	REVISIONS -	
PLOT SCALE = 20,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -








STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

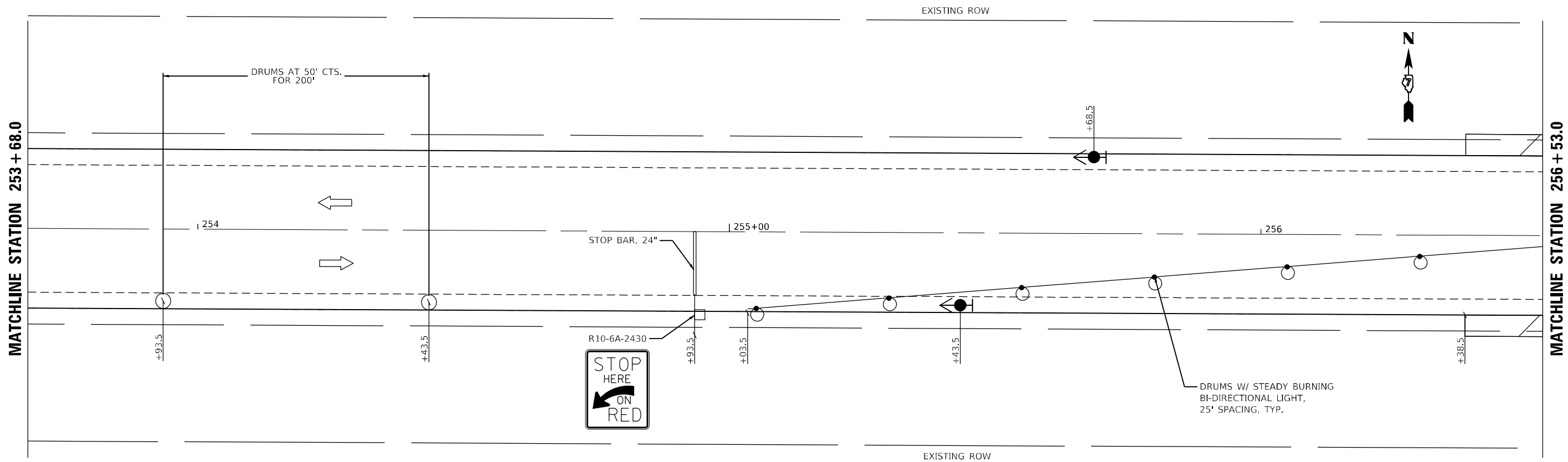
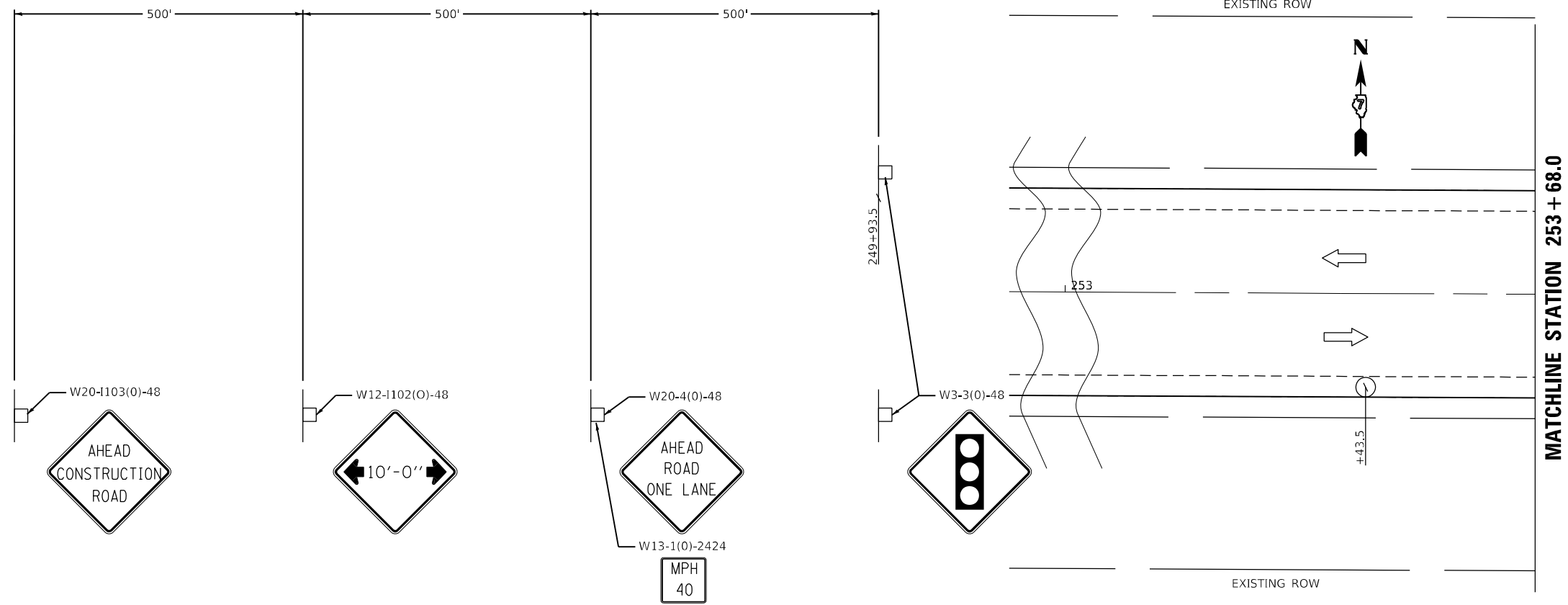
STAGE 1 PLAN SHEETS - STANDARD 701321
PR. STRUCTURE AT STATION 258+12.7 - 5'X2' BOX CULVERT

SCALE: 20,0000 * / in. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	74
			CONTRACT NO. 74A24	
ILLINOIS FED. AID PROJECT				

LEGEND

-  TYPE III BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHTS
-  DIRECTION INDICATOR BARRICADE WITH STEADY BURNING MONODIRECTIONAL LIGHT
-  DRUM
-  SIGN
-  DIRECTION OF TRAFFIC FLOW
-  TEMPORARY CONCRETE BARRIER
-  WORK ZONE



MODEL: Default
 FILE: \\na16c-pw\ultra-pw-beadefy.com\P\INDOT\Documents\DOT_Offices\Director_7\Projects\74A24\ICAD\Drawings\CAD\Sheet\74A24-4-4-1-4-1-4-1-4-1.dgn

USER NAME = stefnkmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	REVISIONS -	
PLOT SCALE = 20,0000 * / in.	CHECKED -	REVISIONS -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISIONS -






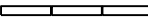
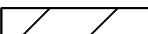
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

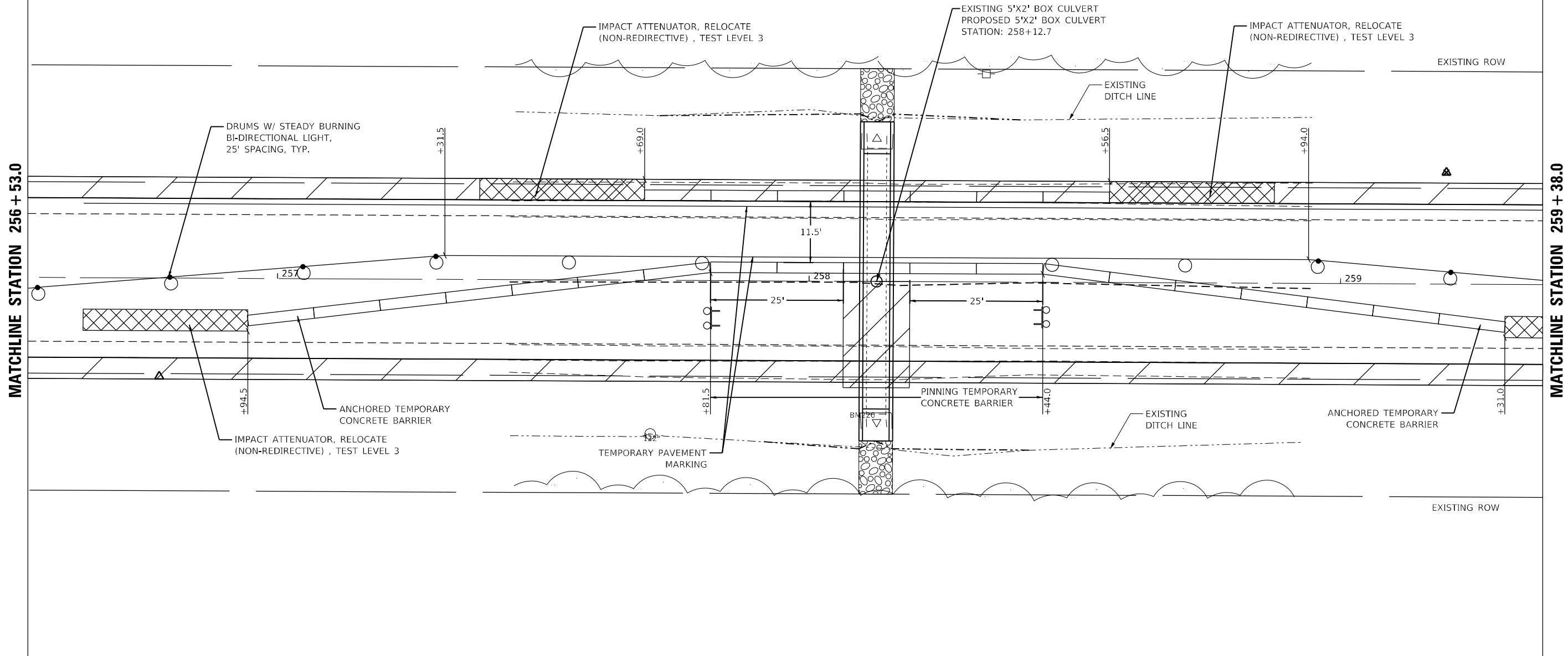
STAGE 2 PLAN SHEETS - STANDARD 701321
PR. STRUCTURE AT STATION 258+12.7 - 5'X2' BOX CULVERT

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	75
			CONTRACT NO. 74A24	
ILLINOIS FED. AID PROJECT				

SCALE: 20,0000 * / in. SHEET OF SHEETS STA. TO STA.

LEGEND

-  TYPE III BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHTS
-  DIRECTION INDICATOR BARRICADE WITH STEADY BURNING MONODIRECTIONAL LIGHT
-  DRUM
-  SIGN
-  DIRECTION OF TRAFFIC FLOW
-  TEMPORARY CONCRETE BARRIER
-  WORK ZONE



MODEL: Default
 FILE: \\na11c:\pub\lsc\paw_bentley.com\PIV\DOT\Documents\DOT Office\Director_7\Project\74A24\ICAD\DATA\CAD\Sheet\74A24\5'x2'BoxCulvert_atgjin01.dgn

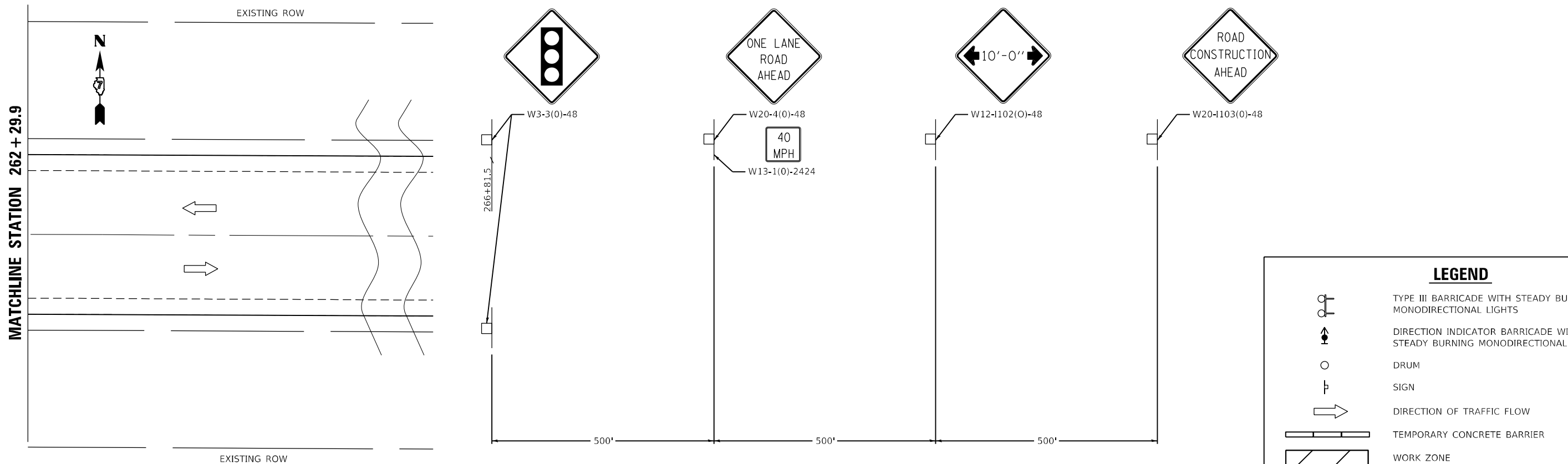
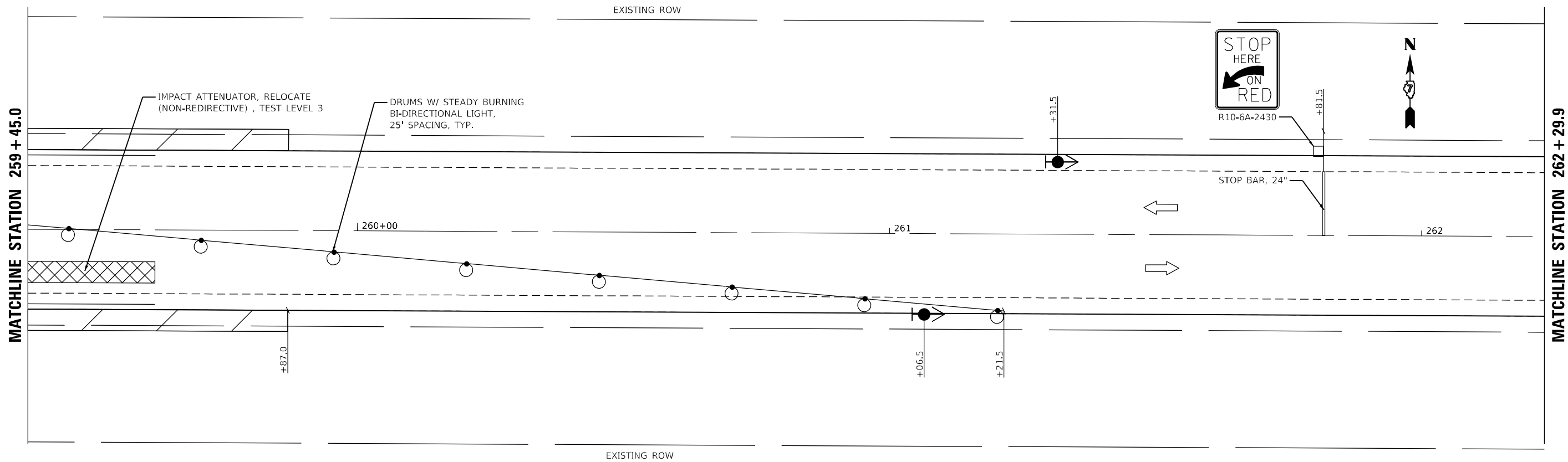
USER NAME = steffnmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	CHECKED -	REVISED -
PLOT SCALE = 20,0000 * / in.	DATE - 4/18/2022	REVISED -
PLOT DATE = 4/18/2022		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 2 PLAN SHEETS - STANDARD 701321
PR. STRUCTURE AT STATION 258+12.7 - 5'X2' BOX CULVERT

SCALE: 20,0000 * / in. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	76
			CONTRACT NO. 74A24	
ILLINOIS FED. AID PROJECT				



LEGEND

	TYPE III BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHTS
	DIRECTION INDICATOR BARRICADE WITH STEADY BURNING MONODIRECTIONAL LIGHT
	DRUM
	SIGN
	DIRECTION OF TRAFFIC FLOW
	TEMPORARY CONCRETE BARRIER
	WORK ZONE

MODEL: Default
 FILE: \\blmfc-pw-bentley.com\PW\DOT\Documents\DOT_Offices\Dir\rdt_7\Project\74A24\CADD\DATA\CAD\Sheet\074A24-4-Plan-Culvert.dwg
 atgjin1.dgn

USER NAME = stefnrmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	CHECKED -	REVISED -
PLOT SCALE = 20,0000 * / in.	DATE - 4/18/2022	REVISED -
PLOT DATE = 4/18/2022		








STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

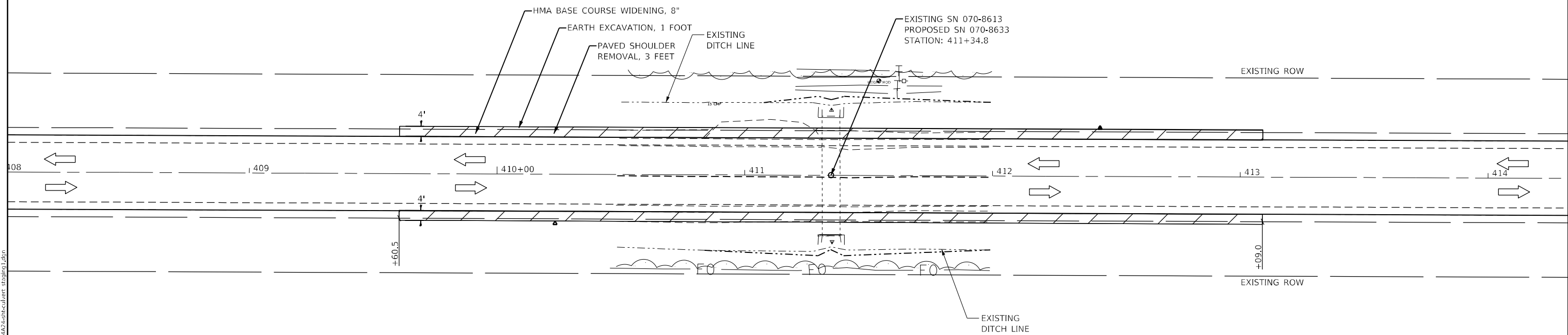
STAGE 2 PLAN SHEETS - STANDARD 701321
PR. STRUCTURE AT STATION 258+12.7 - 5'X2' BOX CULVERT

SCALE: 20,0000 * / in. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	77
			CONTRACT NO. 74A24	
ILLINOIS FED. AID PROJECT				

LEGEND

-  TYPE III BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHTS
-  DIRECTION INDICATOR BARRICADE WITH STEADY BURNING MONODIRECTIONAL LIGHT
-  DRUM
-  SIGN
-  DIRECTION OF TRAFFIC FLOW
-  TEMPORARY CONCRETE BARRIER
-  WORK ZONE



MODEL: Default
 FILE: \\na1c:\pwworkspace\benfay.com\PIV\DOT\Documents\DOT Office\Dir\dir_7\Project\74A24\CAD\DATA\CAD\Sheet\74A24-Left\cultur_ats\p01.dgn







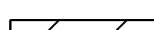
USER NAME = stefnsmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	CHECKED - LMH	REVISED -
PLOT SCALE = 40,0000 * / in.	DATE - 4/18/2022	REVISED -
PLOT DATE = 4/18/2022		

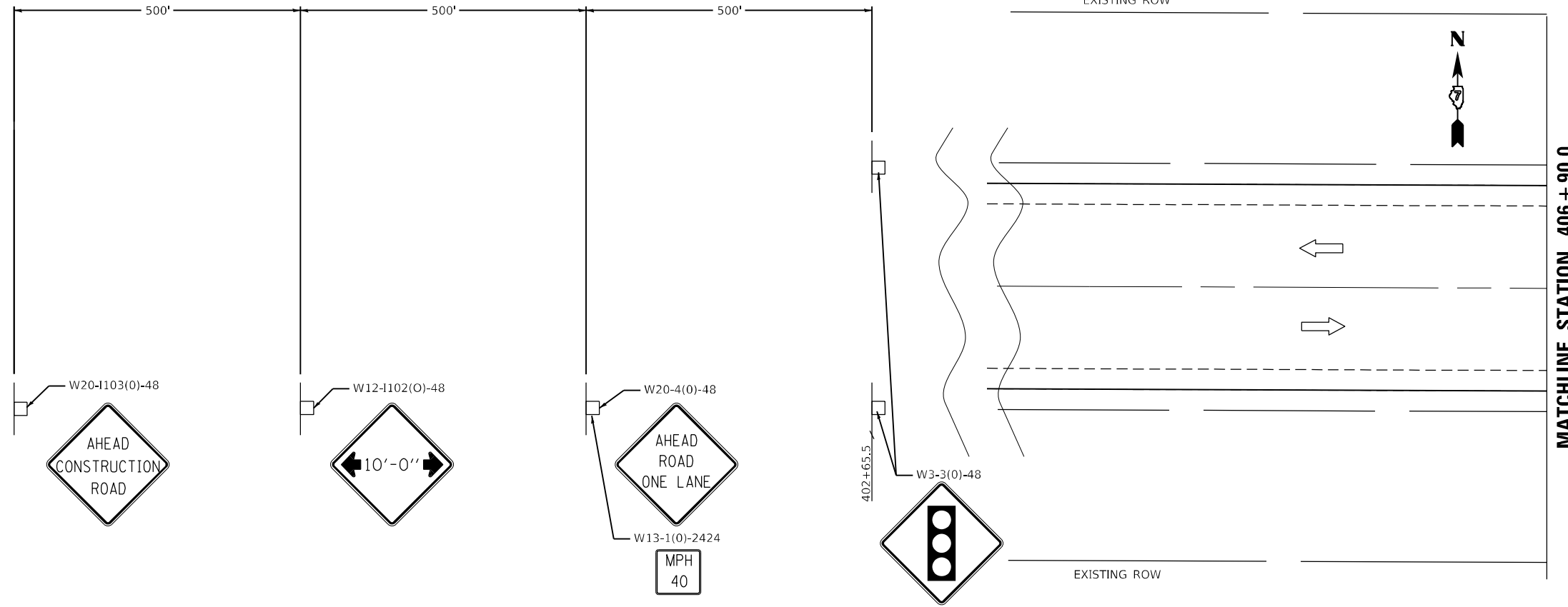
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PRESTAGE PLAN SHEETS			
EX. SN 070-8613 - PR. SN 070-8633			
SCALE: 40,0000 * / in.	SHEET	OF SHEETS	STA. TO STA.

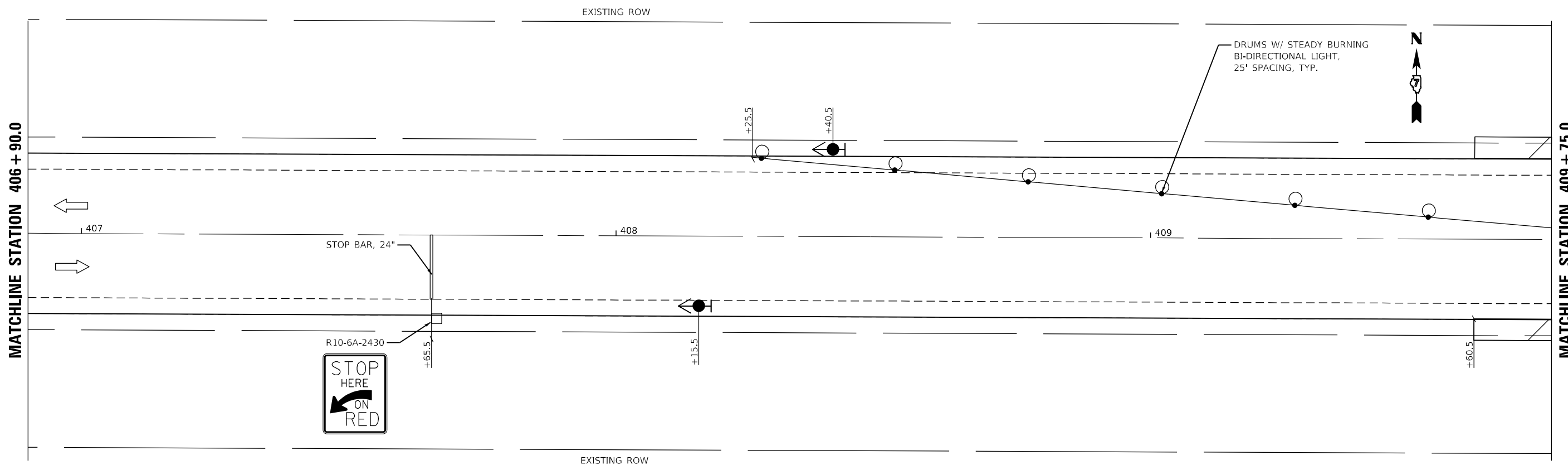
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	78
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74A24	

LEGEND

-  TYPE III BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHTS
-  DIRECTION INDICATOR BARRICADE WITH STEADY BURNING MONODIRECTIONAL LIGHT
-  DRUM
-  SIGN
-  DIRECTION OF TRAFFIC FLOW
-  TEMPORARY CONCRETE BARRIER
-  WORK ZONE



MATCHLINE STATION 406 + 90.0



MATCHLINE STATION 409 + 75.0

MODEL: Default
FILE: \\na16c-pw\uldest-pw-beadefy.com\P\INDOT\Documents\DOT Office\Director_7\Projects\74A24\ICADD\Bids\CAD\Sheet\74A24-4-14-22-1.dgn

USER NAME = stefenmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	REVISIONS -	
PLOT SCALE = 20,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -






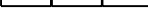
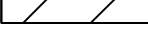
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

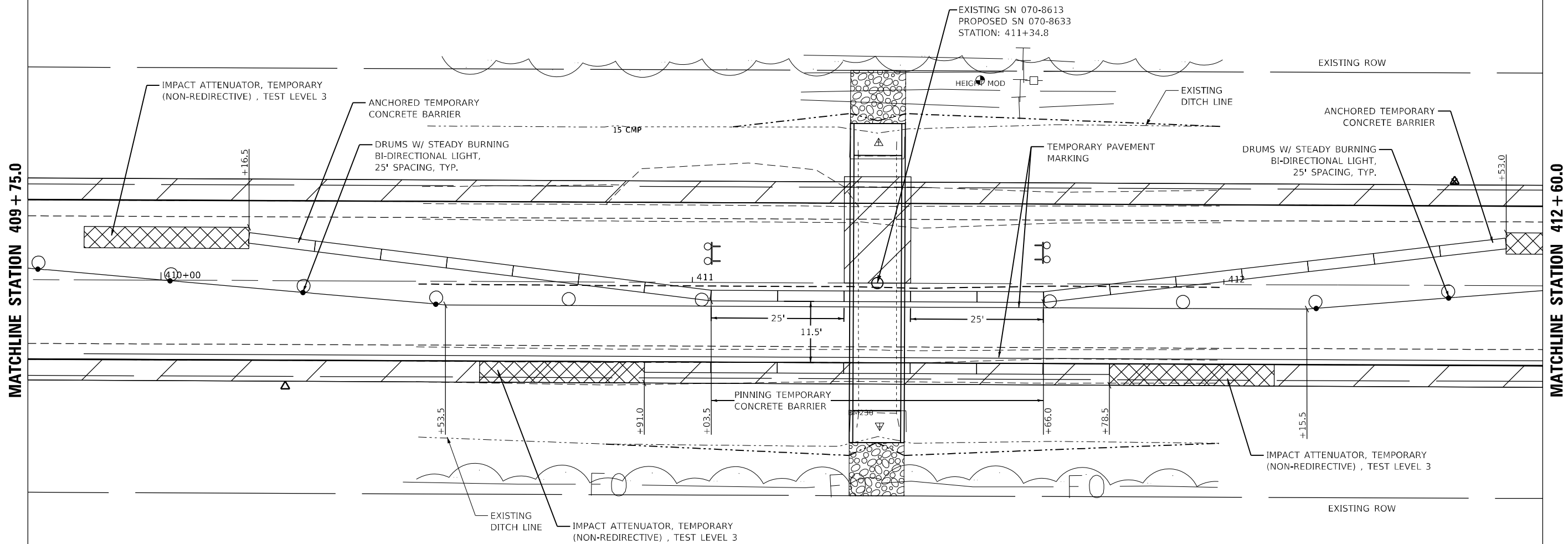
**STAGE 1 PLAN SHEETS - STANDARD 701321
EX. SN 070-8613 - PR. SN 070-8633**

SCALE: 20,0000 * / in. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	79
CONTRACT NO. 74A24				
ILLINOIS FED. AID PROJECT				

LEGEND

-  TYPE III BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHTS
-  DIRECTION INDICATOR BARRICADE WITH STEADY BURNING MONODIRECTIONAL LIGHT
-  DRUM
-  SIGN
-  DIRECTION OF TRAFFIC FLOW
-  TEMPORARY CONCRETE BARRIER
-  WORK ZONE



MODEL: Default
 FILE: 323_141,142,143RS-4.dwg
 PROJECT: 74A24\141,142,143RS-4\Drawings\74A24-141,142,143RS-4.dwg

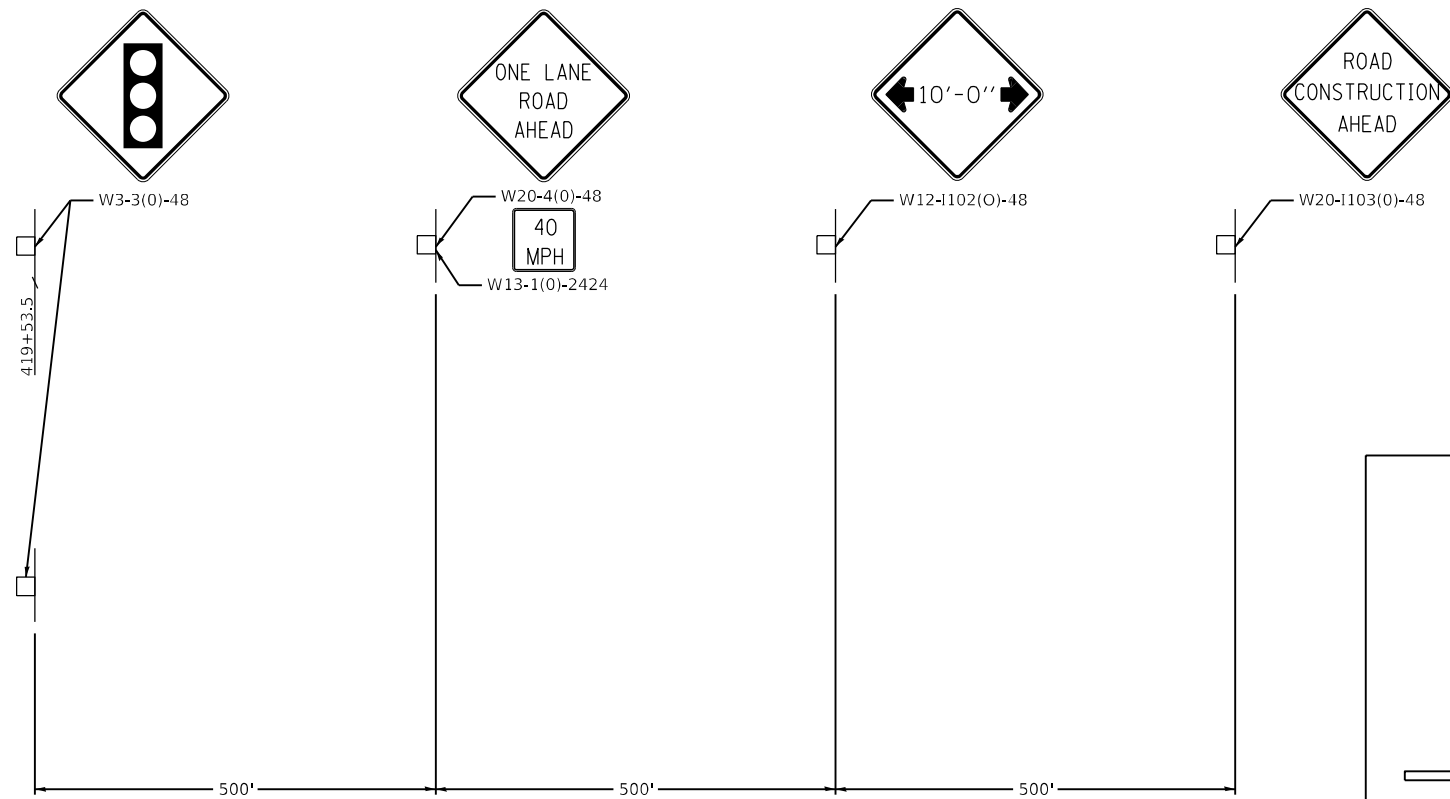
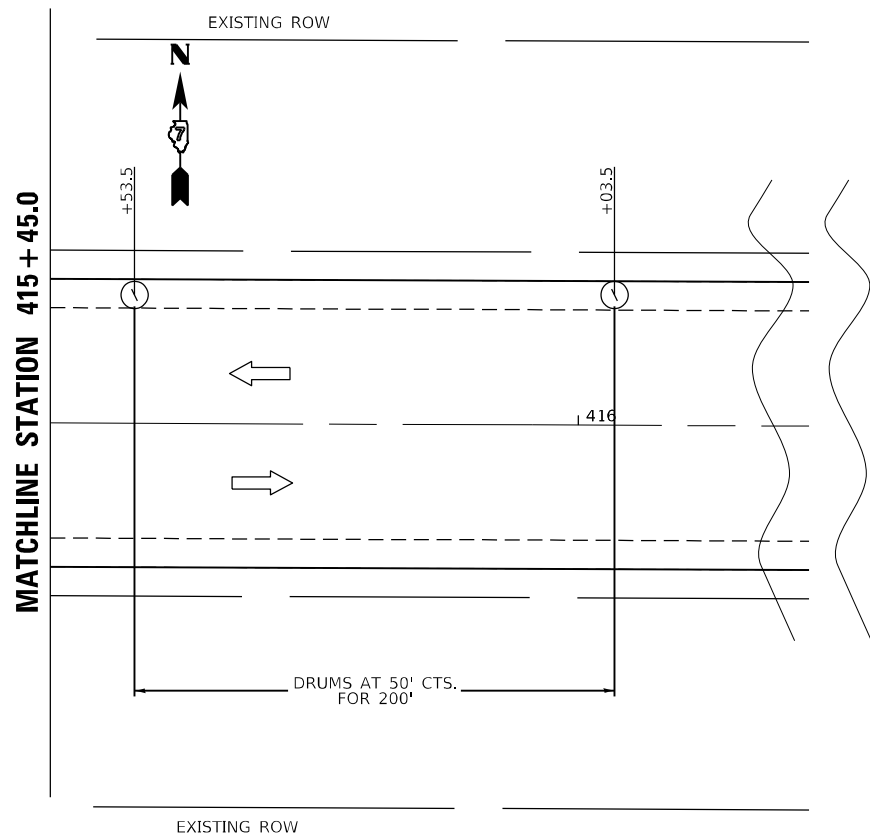
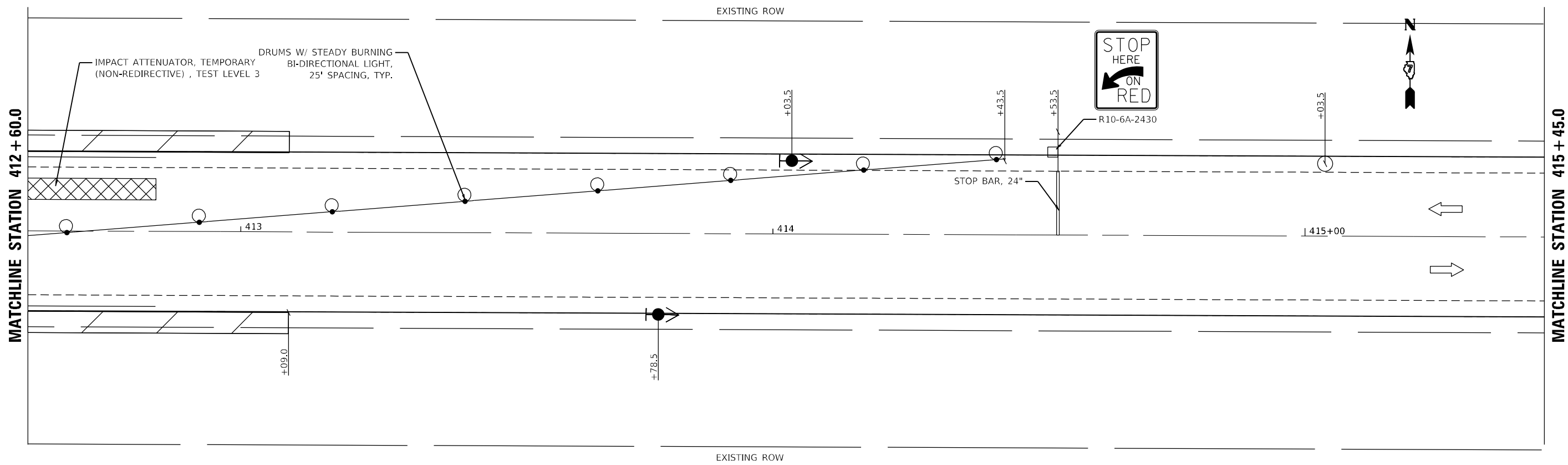
USER NAME = steffnmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	REVISIONS -	
PLOT SCALE = 20,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGE 1 PLAN SHEETS - STANDARD 701321
EX. SN 070-8613 - PR. SN 070-8633**

SCALE: 20,0000 * / in. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	80
CONTRACT NO. 74A24			ILLINOIS FED. AID PROJECT	



LEGEND	
	TYPE III BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHTS
	DIRECTION INDICATOR BARRICADE WITH STEADY BURNING MONODIRECTIONAL LIGHT
	DRUM
	SIGN
	DIRECTION OF TRAFFIC FLOW
	TEMPORARY CONCRETE BARRIER
	WORK ZONE

MODEL: Default
 FILE: \\na16c-pw-bentley.com\PWD\DOT\Documents\DOT Office\Dir\refr_7\Project\74A24\ICAD\DATA\CAD\FILES\74A24-48-1-1-2022.dwg
 PROJECT: 74A24-48-1-1-2022

USER NAME = stefnmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	CHECKED -	REVISED -
PLOT SCALE = 20,0000 * / in.	DATE - 4/18/2022	REVISED -
PLOT DATE = 4/18/2022		






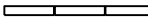
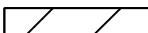
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

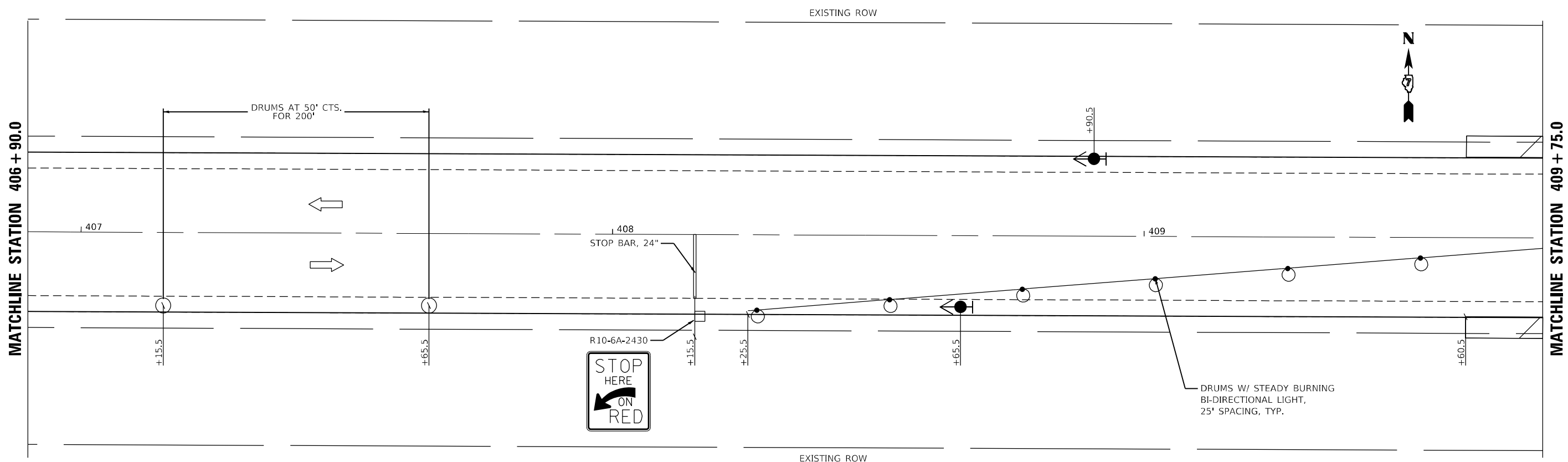
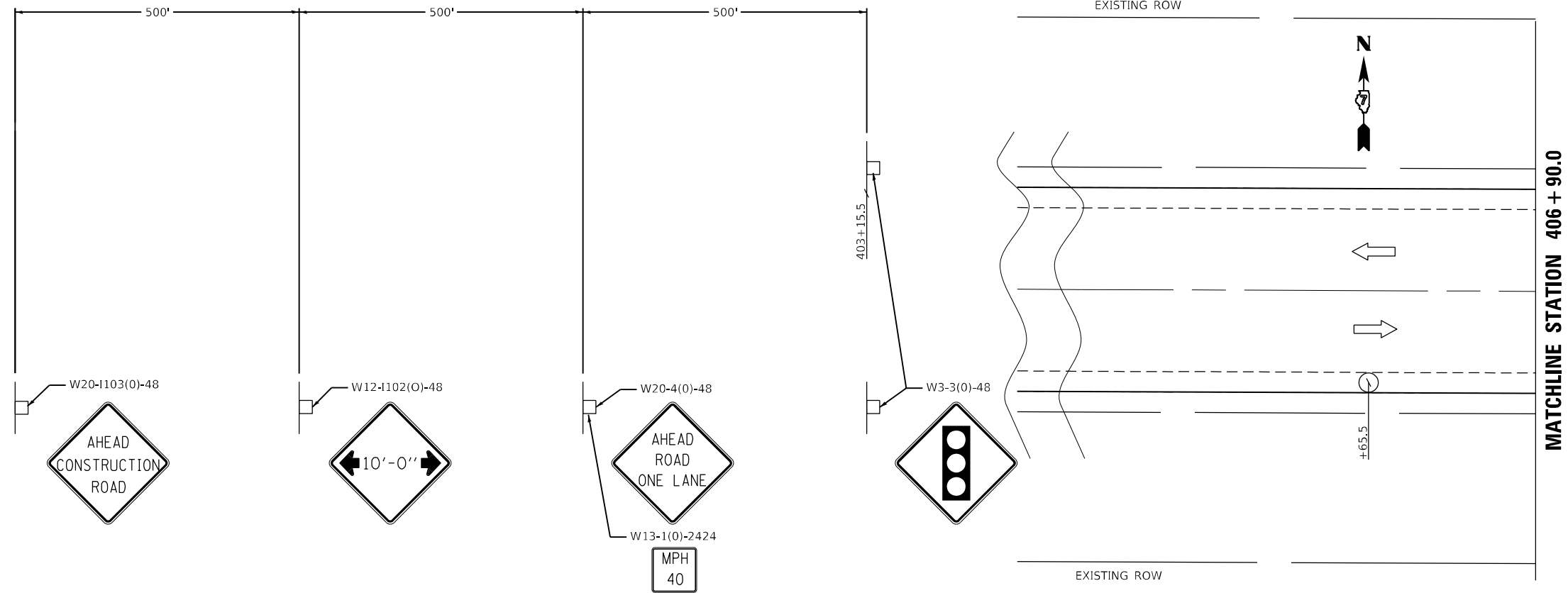
STAGE 1 PLAN SHEETS - STANDARD 701321
EX. SN 070-8613 - PR. SN 070-8633

SCALE: 20,0000 * / in. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	81
				CONTRACT NO. 74A24
ILLINOIS FED. AID PROJECT				

LEGEND

-  TYPE III BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHTS
-  DIRECTION INDICATOR BARRICADE WITH STEADY BURNING MONODIRECTIONAL LIGHT
-  DRUM
-  SIGN
-  DIRECTION OF TRAFFIC FLOW
-  TEMPORARY CONCRETE BARRIER
-  WORK ZONE



MODEL: Default
 FILE: Mainfile: p:\project\paw_bentley.com\p\indot\documents\indot_offices\indot\74024\icad\data\cad\sheet\74024\left\{c:\cult\ent_atg\p\01.dgn






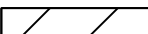

USER NAME = steffnmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	REVISIONS -	
PLOT SCALE = 20,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -

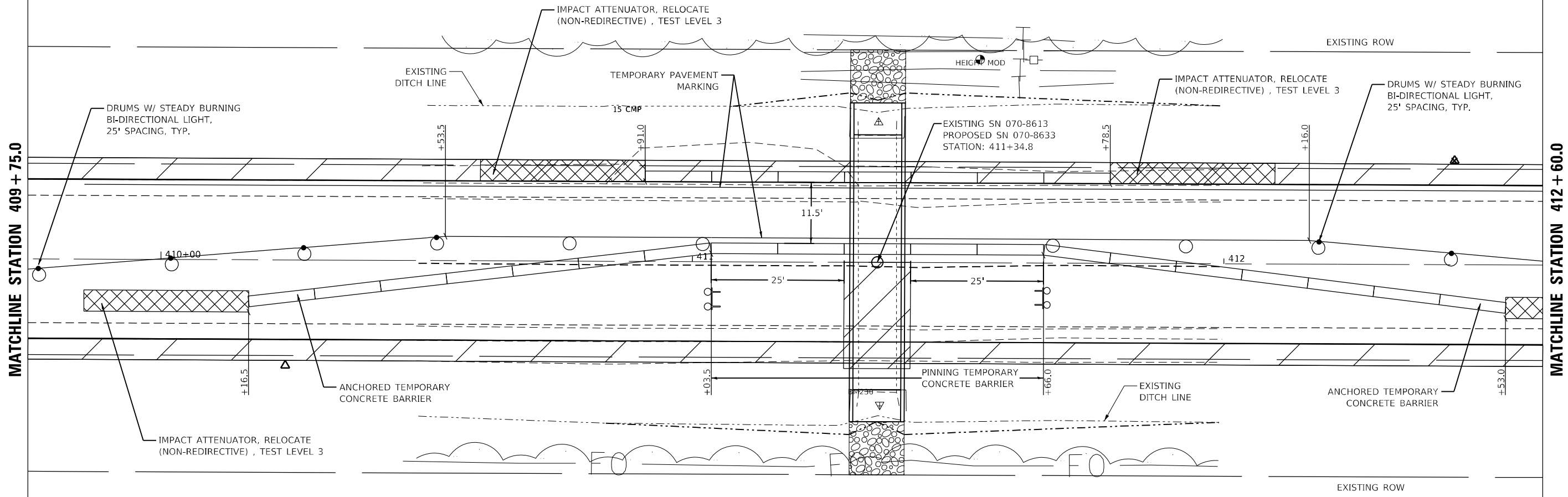
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STAGE 2 PLAN SHEETS - STANDARD 701321
EX. SN 070-8613 - PR. SN 070-8633
 SCALE: 20,0000 * / in. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	82
CONTRACT NO. 74A24			ILLINOIS FED. AID PROJECT	

LEGEND

-  TYPE III BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHTS
-  DIRECTION INDICATOR BARRICADE WITH STEADY BURNING MONODIRECTIONAL LIGHT
-  DRUM
-  SIGN
-  DIRECTION OF TRAFFIC FLOW
-  TEMPORARY CONCRETE BARRIER
-  WORK ZONE



MODEL: Default
 FILE: \\na16c-pw-bentley.com\P\INDOT\Documents\DOT Office\Director_7\Project\74A24\ICAD\DATA\CAD\Sheet\74A24-PR-070-8633-std.dgn

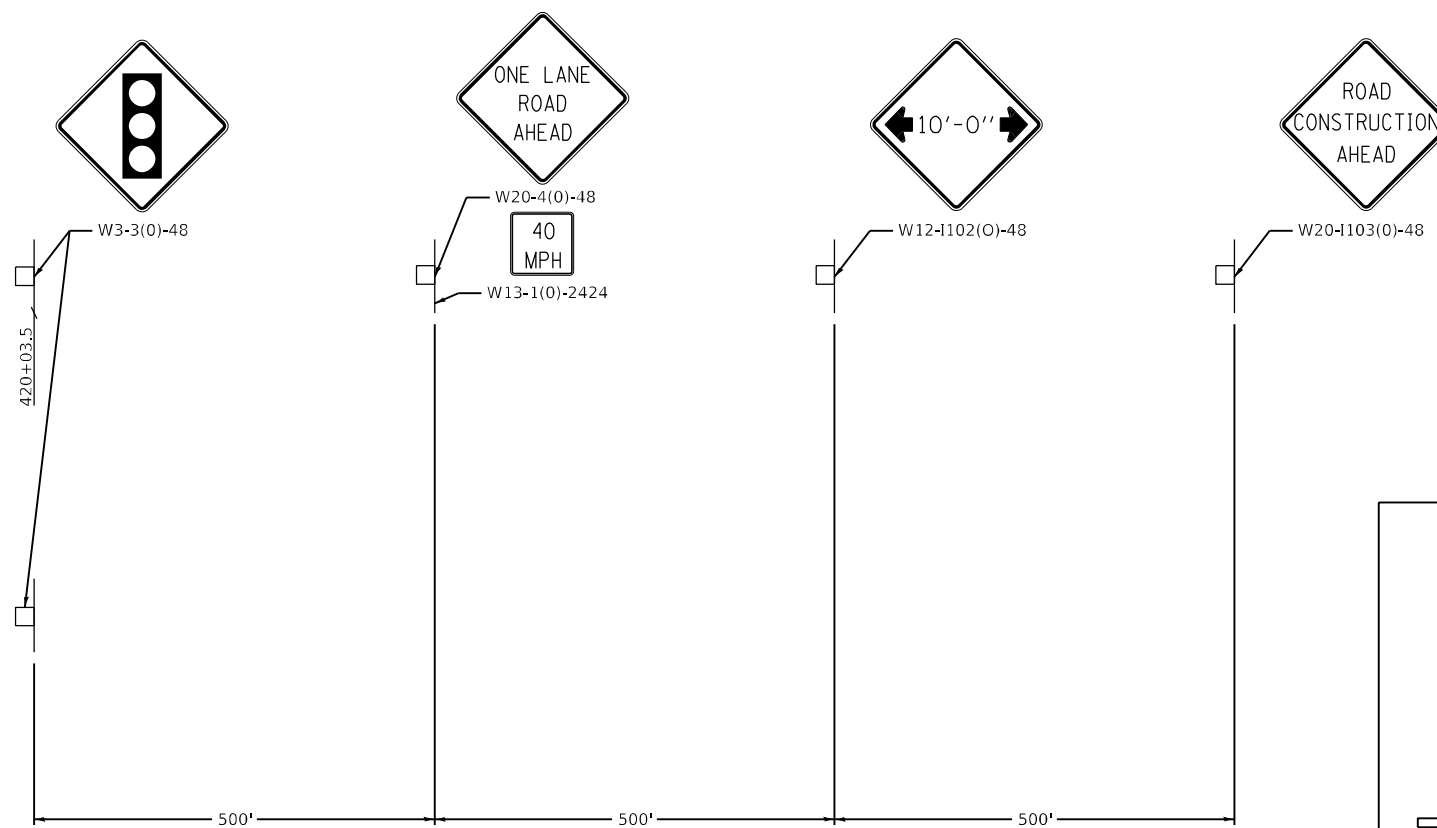
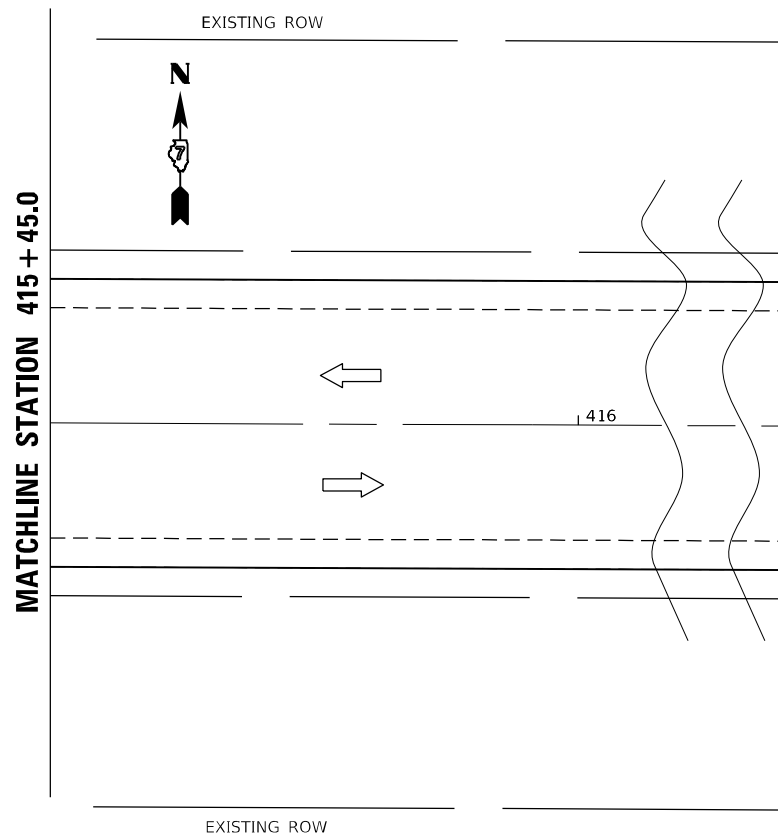
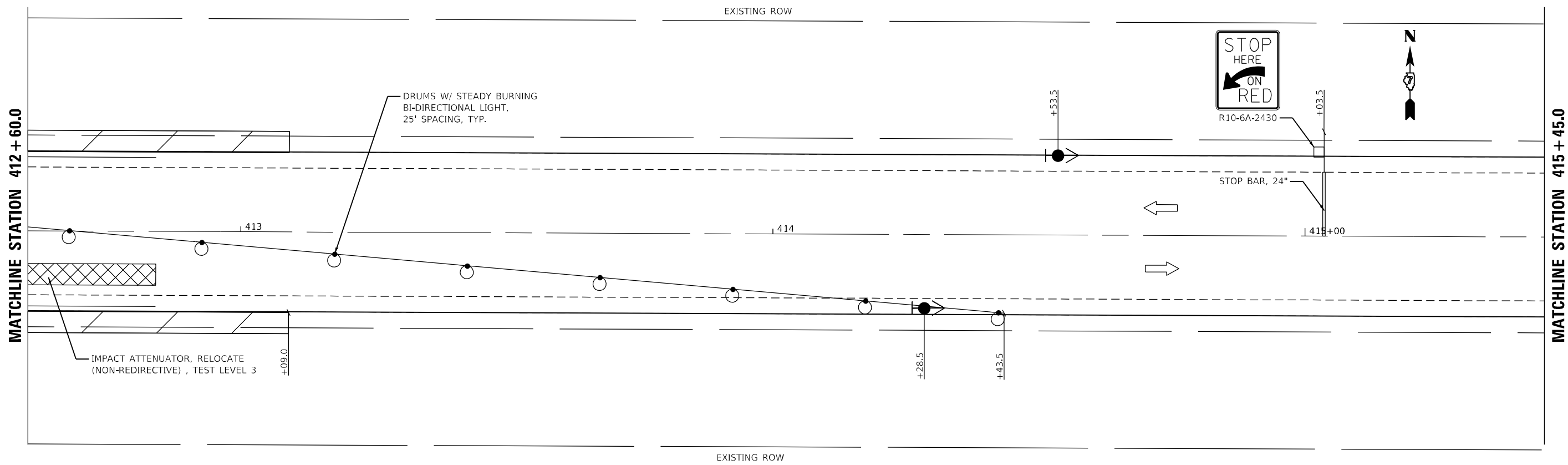
USER NAME = steffnmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	CHECKED -	REVISED -
PLOT SCALE = 20,0000 * / in.	DATE - 4/18/2022	REVISED -
PLOT DATE = 4/18/2022		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 2 PLAN SHEETS - STANDARD 701321
EX. SN 070-8613 - PR. SN 070-8633

SCALE: 20,0000 * / in. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	83
CONTRACT NO. 74A24				
ILLINOIS FED. AID PROJECT				



LEGEND

- TYPE III BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHTS
- DIRECTION INDICATOR BARRICADE WITH STEADY BURNING MONODIRECTIONAL LIGHT
- DRUM
- SIGN
- DIRECTION OF TRAFFIC FLOW
- TEMPORARY CONCRETE BARRIER
- WORK ZONE

MODEL: Default
 FILE: \\mupc-pub\ultra-cw-beach\p\dot\Documents\DOT Office\Dir\rdt_7\Project\74A24\ICAD\DATA\CAD\FRONT\74A24-4-18-2022.dwg

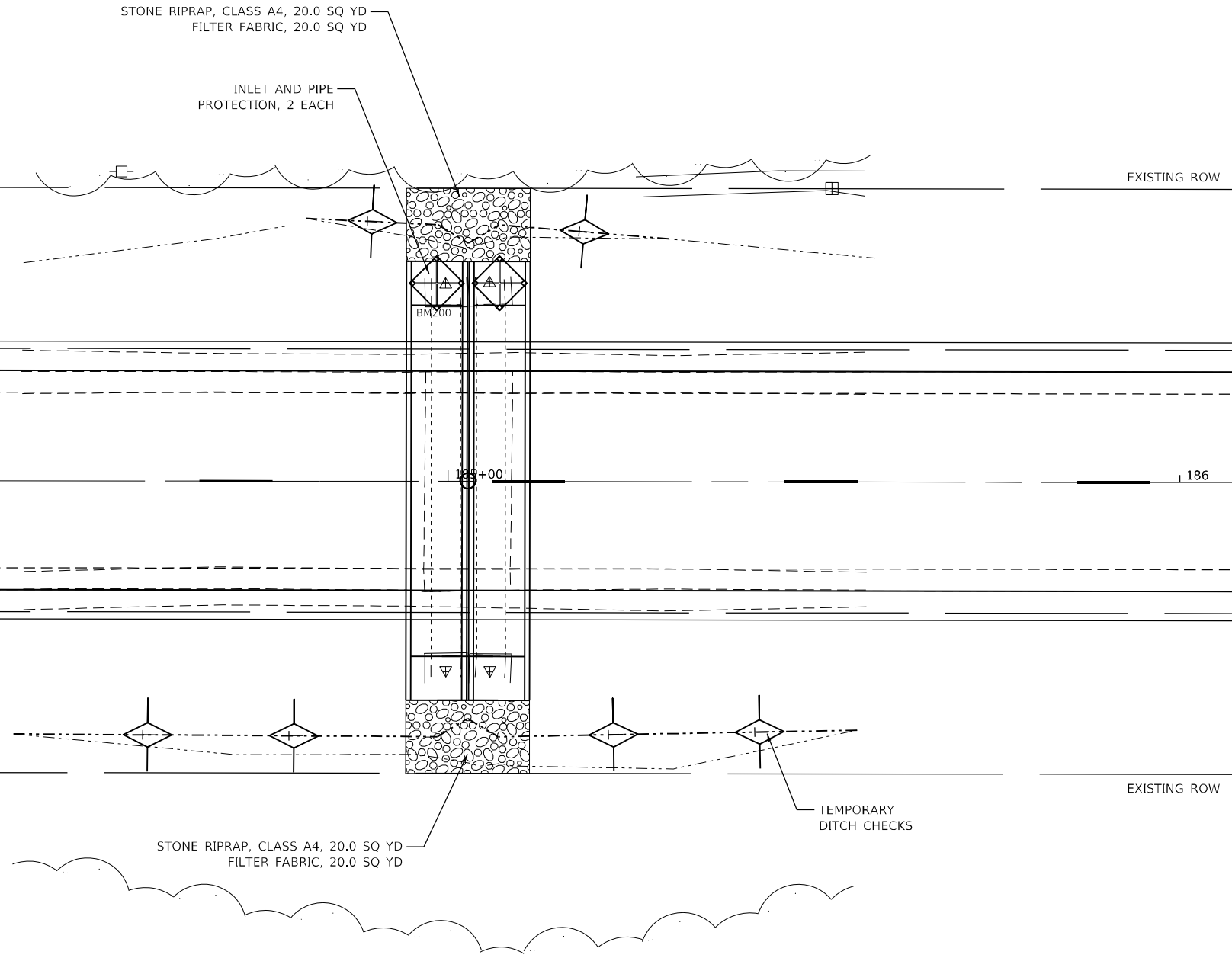
USER NAME = steffnmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	CHECKED -	REVISED -
PLOT SCALE = 20,0000 * / in.	DATE - 4/18/2022	REVISED -
PLOT DATE = 4/18/2022		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 2 PLAN SHEETS - STANDARD 701321
EX. SN 070-8613 - PR. SN 070-8633

SCALE: 20,0000 * / in. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	84
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74A24	



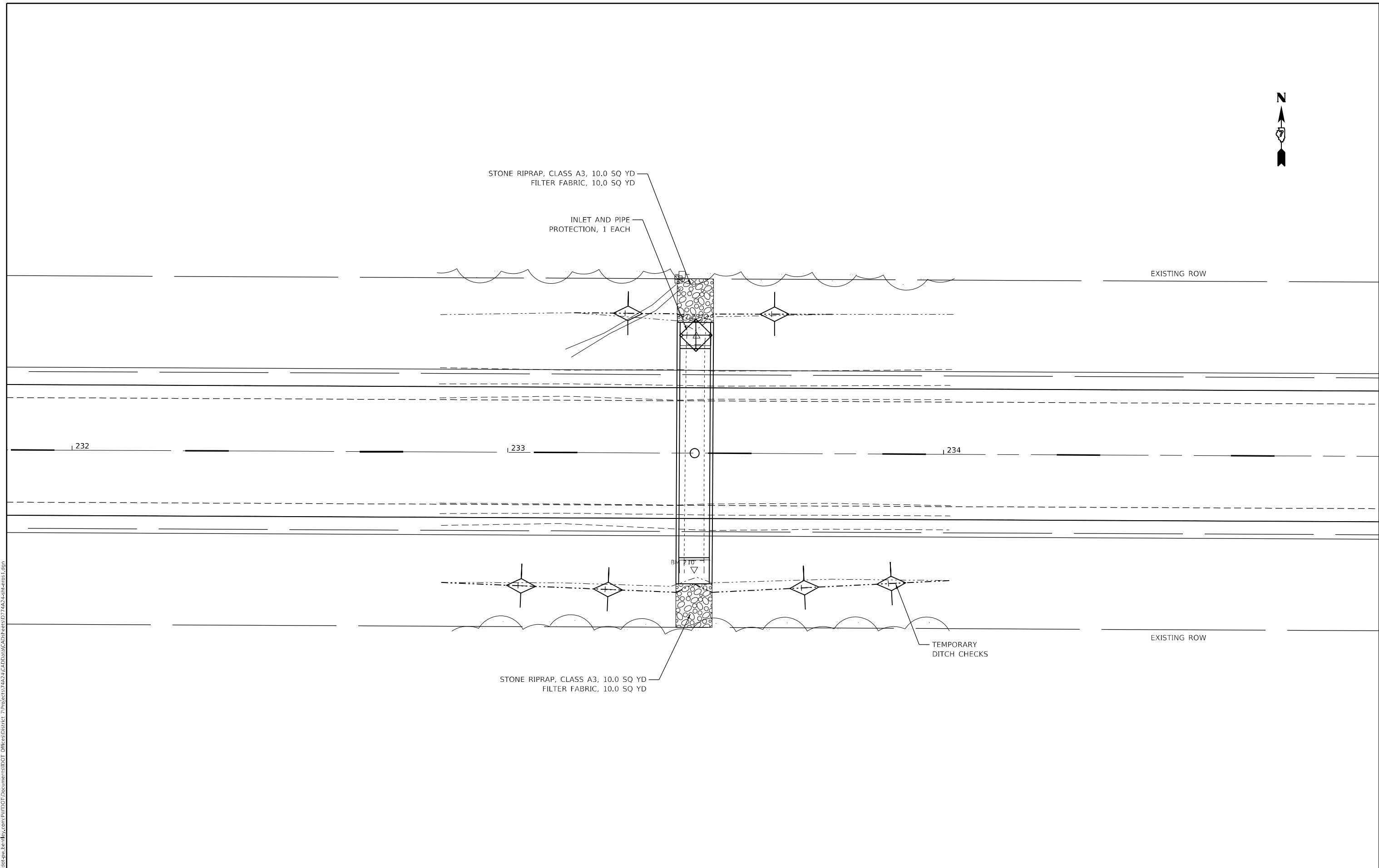
MODEL: Default
 FILE: \\na16c-pw-bentley.com\P\I\DOT\Documents\DOT Office\Dir\erf. 7\Project\74A24\CAD\Drawings\EROS\74A24-EROS1.dgn

USER NAME = steffenmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	REVISIONS -	
PLOT SCALE = 20,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL PLAN EXISTING SN 070-8306 - PROPOSED SN 070-8309			
SCALE: 20,0000' / in.	SHEET	OF	SHEETS
	STA.		TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	85
ILLINOIS			FED. AID PROJECT	
CONTRACT NO. 74A24				



MODEL: Default
 FILE: \\mfrs-pw-beadley.com\PW\DOT\Documents\DOT Office\Director_T\Projects\74A24\CAD\Drawings\DOT\74A24-Left-eros1.dgn

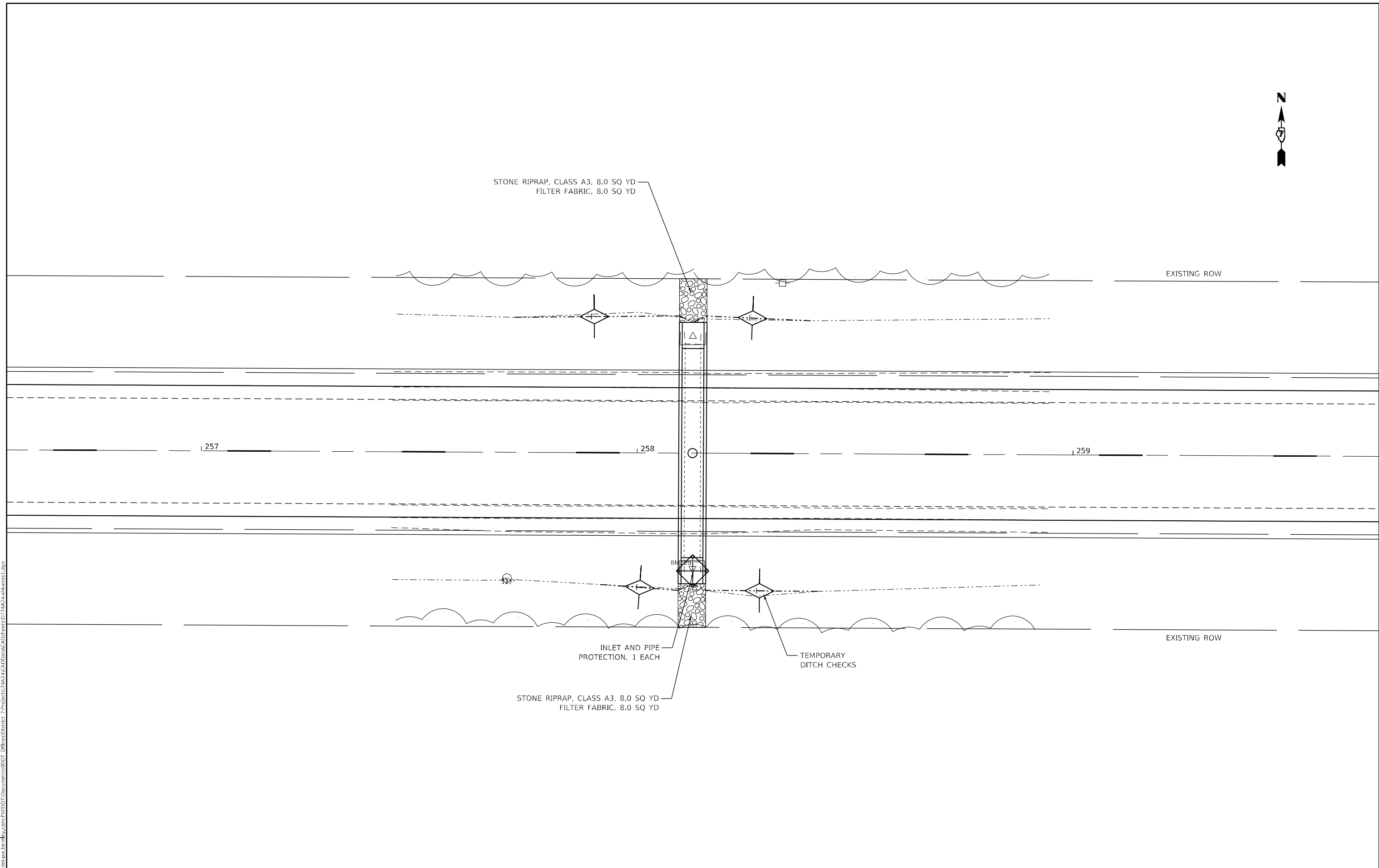
USER NAME = steffenmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	REVISIONS	
PLOT SCALE = 20,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
EXISTING SN 070-8612 - PROPOSED SN 070-8632

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	86
CONTRACT NO. 74A24				
ILLINOIS FED. AID PROJECT				

SCALE: 20,0000 * / in. SHEET OF SHEETS STA. TO STA.



MODEL: Default
 FILE: \\mfmf-pw-bentley.com\PW\DOT\Documents\DOT Offices\District 7\Projects\74A24\CAD\Drawings\74A24-4-1-eros1.dgn

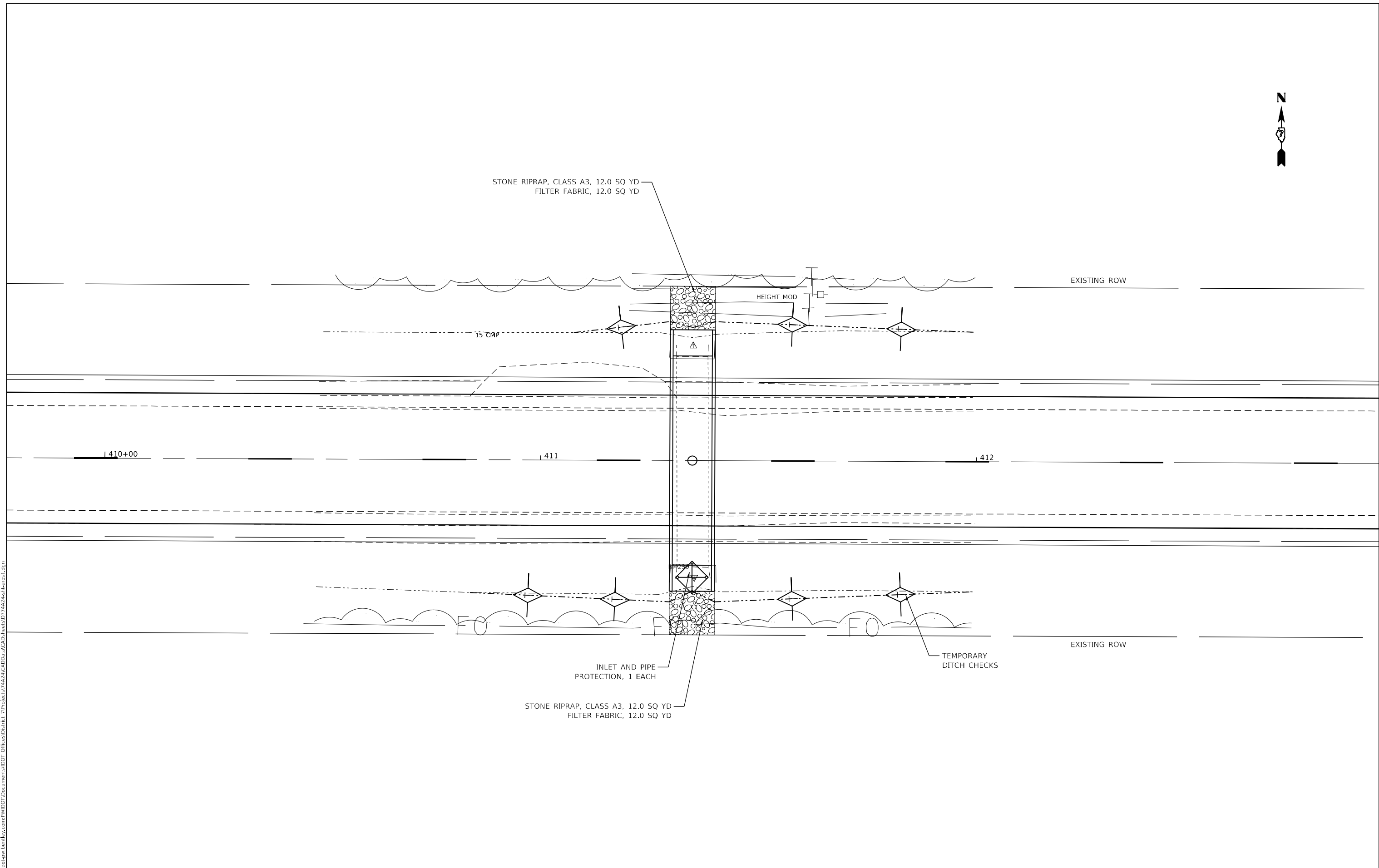
USER NAME = steffenmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	REVISIONS	
PLOT SCALE = 20,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
PROPOSED STRUCTURE 5' X 2'

SCALE: 20.0000' / in. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	87
			CONTRACT NO. 74A24	
		ILLINOIS	FED. AID PROJECT	



MODEL: Default
 FILE: \\na11c:\p\subject-cw-beadley.com\PIV\DOT\Documents\DOT Office\Dir\erdt_7\Project\74A24\ICAD\BataCAD\Sheet\74A24-Left\eros1.dgn

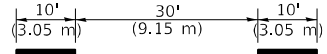
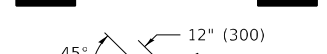

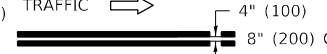

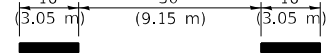





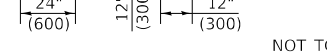
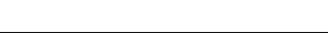
USER NAME = steffenmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	REVISIONS -	
PLOT SCALE = 20,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -

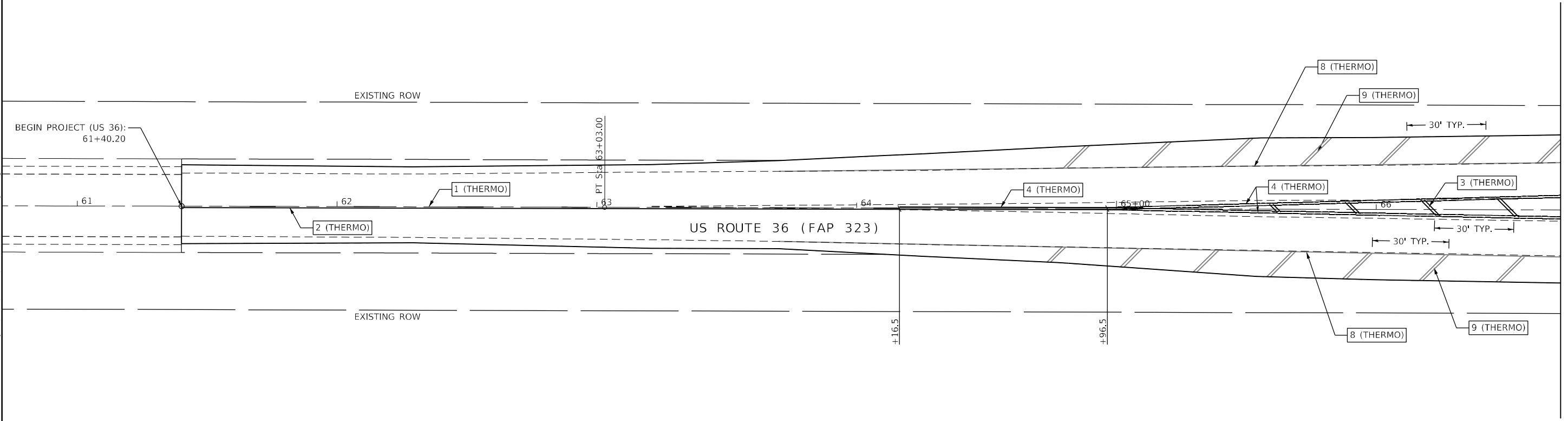
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
EXISTING SN 070-8613 - PROPOSED SN 070-8633
 SCALE: 20,0000' / in. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	88
CONTRACT NO. 74A24				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW) 
 - 2 4" (100) SOLID (YELLOW) 
 - 3 12" (300) DIAGONAL (YELLOW) 
 - 4 4" (100) DOUBLE YELLOW (NARROW) 
 - 5 12" (300) SOLID WHITE 
 - 6 8" (100) SOLID YELLOW 
 - 7 6" (150) SKIP-DASH (WHITE) 
 - 8 4" (100) SOLID (WHITE) 
 - 9 12" (300) DIAGONAL (WHITE) 
 - 10 6" (150) SOLID (WHITE) 
 - 11 24" (600) STOP BAR (WHITE) 
 - 12 8" (200) SOLID (WHITE) 
 - 13 4" (100) PARKING WHITE 
- NOT TO SCALE



MATCHLINE STA. 66 + 71.0

MODEL: Default
FILE: \\nafe-pw-beadley.com\P\INDOT\Documents\DOT_Offices\Dir\refr_7\Project\74A24\CADD\Drawings\Drawings\74A24-4-1-1-1.dwg

USER NAME = stefnsmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	CHECKED -	REVISED -
PLOT SCALE = 40,0000 ' / in.	DATE - 4/18/2022	REVISED -
PLOT DATE = 4/18/2022		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

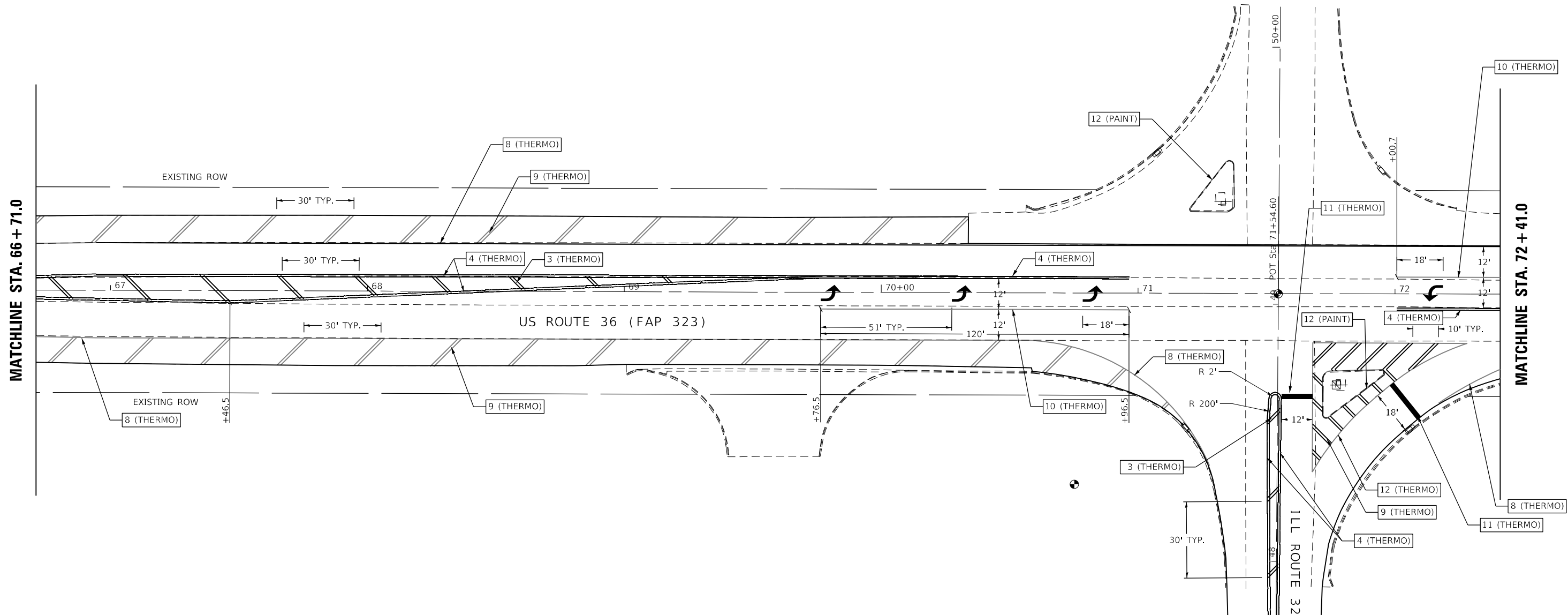
PAVEMENT MARKING SHEETS

SCALE: 40,0000 ' / in. SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141, 142, 143)RS-4	MOULTRIE	130	89
CONTRACT NO. 74A24			ILLINOIS FED. AID PROJECT	

PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
 - 2 4" (100) SOLID (YELLOW)
 - 3 12" (300) DIAGONAL (YELLOW)
 - 4 4" (100) DOUBLE YELLOW (NARROW)
 - 5 12" (300) SOLID WHITE
 - 6 8" (100) SOLID YELLOW
 - 7 6" (150) SKIP-DASH (WHITE)
 - 8 4" (100) SOLID (WHITE)
 - 9 12" (300) DIAGONAL (WHITE)
 - 10 6" (150) SOLID (WHITE)
 - 11 24" (600) STOP BAR (WHITE)
 - 12 8" (200) SOLID (WHITE)
 - 13 4" (100) PARKING WHITE
- NOT TO SCALE



MODEL: Default
 FILE: \\mfrs-pw-beadefy.com\P\INDOT\Documents\DOT Offices\Director_7\Projects\74A24\ICAD\Drawings\CAD\Sheet\74A24-4-18-2022.dgn

USER NAME = stefnsmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	REVISIONS -	
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -

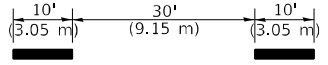
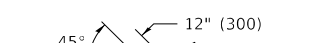

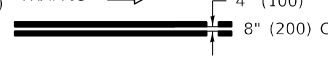
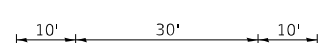
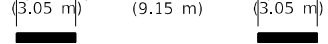





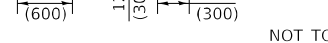

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING SHEETS

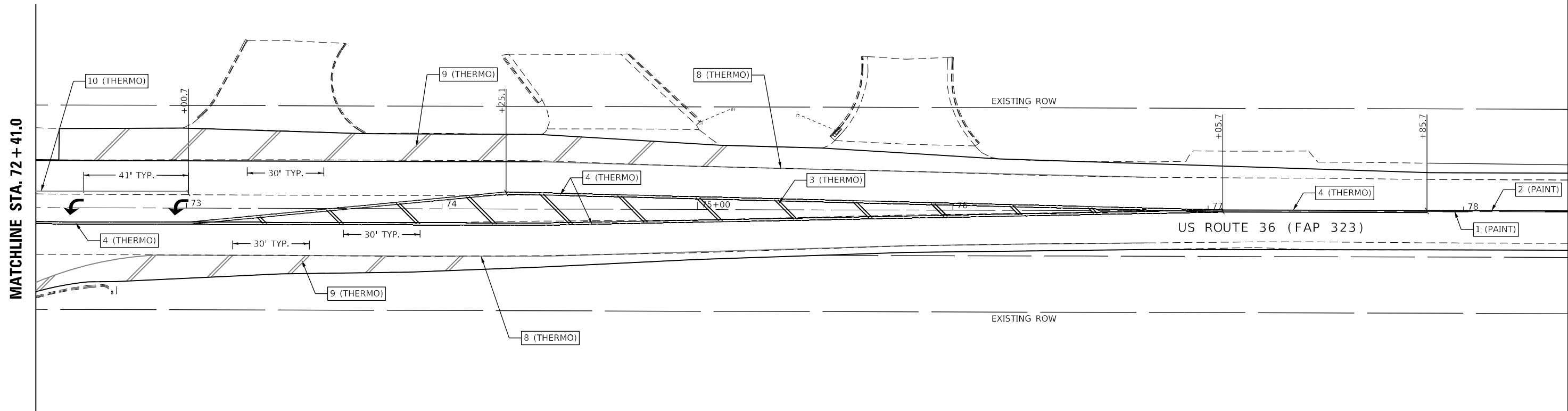
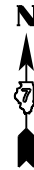
SCALE: 40,0000 ' / in. SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141, 142, 143)RS-4	MOULTRIE	130	90
CONTRACT NO. 74A24				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW) 
- 2 4" (100) SOLID (YELLOW) 
- 3 12" (300) DIAGONAL (YELLOW) 
- 4 4" (100) DOUBLE YELLOW (NARROW) 
- 5 12" (300) SOLID WHITE 
- 6 8" (100) SOLID YELLOW 
- 7 6" (150) SKIP-DASH (WHITE) 
- 8 4" (100) SOLID (WHITE) 
- 9 12" (300) DIAGONAL (WHITE) 
- 10 6" (150) SOLID (WHITE) 
- 11 24" (600) STOP BAR (WHITE) 
- 12 8" (200) SOLID (WHITE) 
- 13 4" (100) PARKING WHITE 

NOT TO SCALE



MODEL: Default
 FILE: \\na1c:\p\l\sect-pw-bead\p\com\p\w\DOT\Documents\DOT\Office\Dir\refr_7\Project\7424\ICAD\Batt\CAD\Project\DOT\7424\p\p\m\k.dgn

USER NAME = stefnrmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	CHECKED -	REVISED -
PLOT SCALE = 40,0000 ' / in.	DATE - 4/18/2022	REVISED -
PLOT DATE = 4/18/2022		

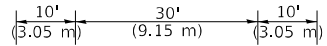




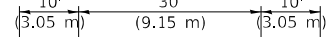





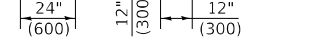

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING SHEETS

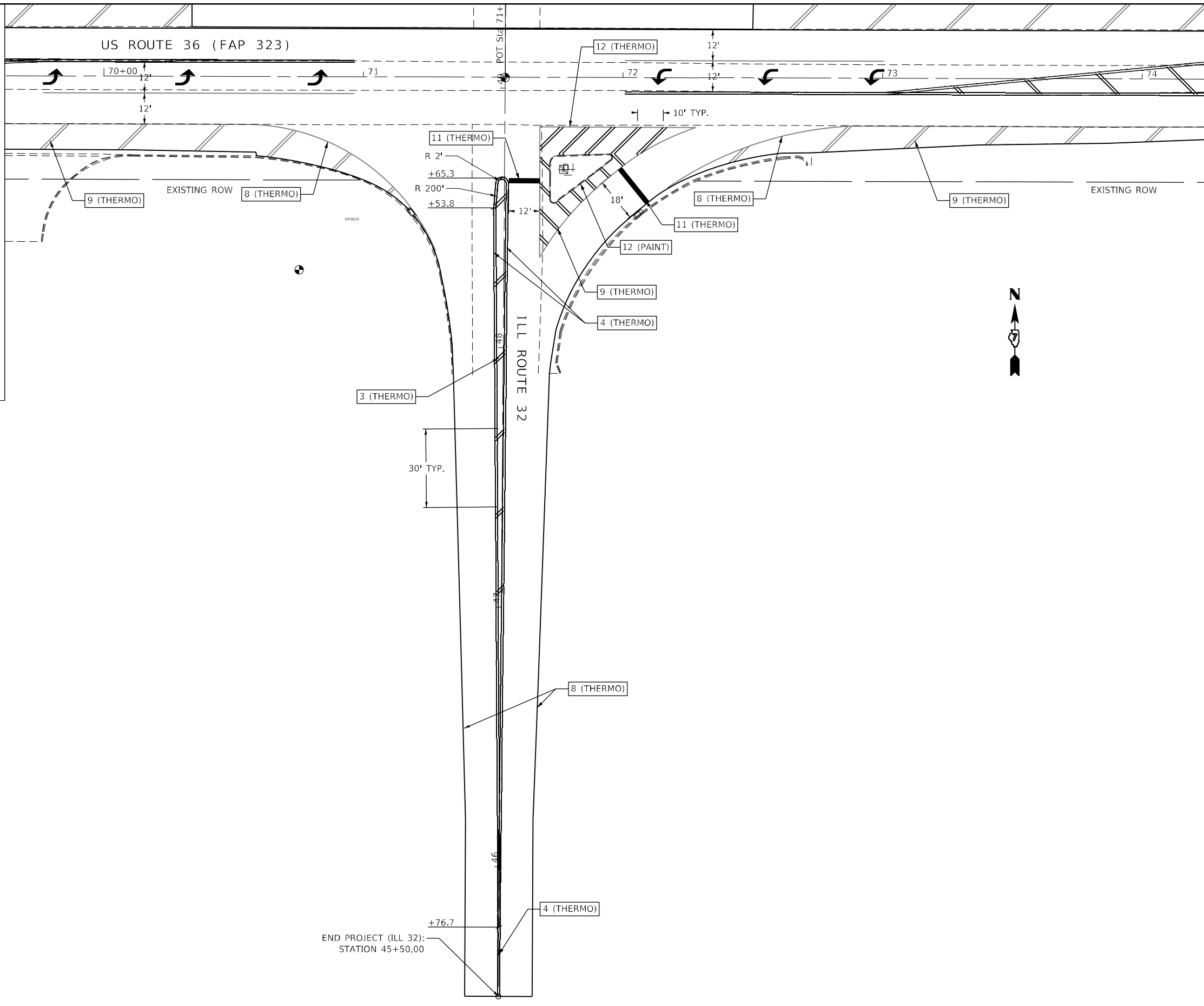
SCALE: 40,0000 ' / in. SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141, 142, 143)RS-4	MOULTRIE	130	91
CONTRACT NO. 74A24			ILLINOIS FED. AID PROJECT	

PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW) 
- 2 4" (100) SOLID (YELLOW) 
- 3 12" (300) DIAGONAL (YELLOW) 
- 4 4" (100) DOUBLE YELLOW (NARROW) 
- 5 12" (300) SOLID WHITE 
- 6 8" (100) SOLID YELLOW 
- 7 6" (150) SKIP-DASH (WHITE) 
- 8 4" (100) SOLID (WHITE) 
- 9 12" (300) DIAGONAL (WHITE) 
- 10 6" (150) SOLID (WHITE) 
- 11 24" (600) STOP BAR (WHITE) 
- 12 8" (200) SOLID (WHITE) 
- 13 4" (100) PARKING WHITE 

NOT TO SCALE



MODEL: Default
 FILE: \\na101c:\pub\paw_bentley.com\PIV\DOT\Documents\DOT_Offices\Director_7\Projects\74A24\ICAD\DATA\CAD\Sheets\74A24\4-18-2022\pawmk1.dgn

USER NAME = steffnmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	CHECKED -	REVISED -
PLOT SCALE = 40,0000 ' / in.	DATE - 4/18/2022	REVISED -
PLOT DATE = 4/18/2022		

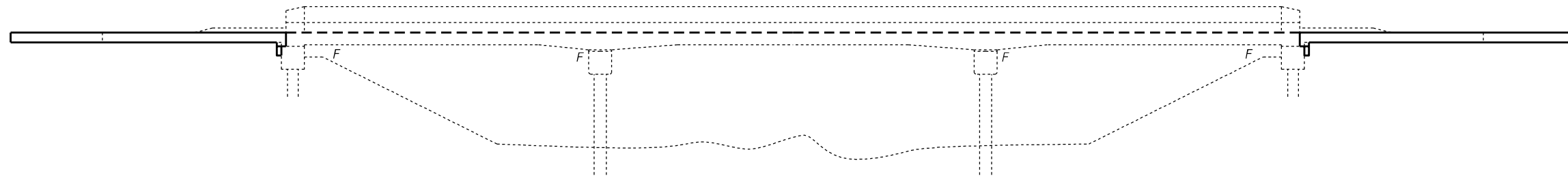
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING SHEETS
(ILL ROUTE 32)

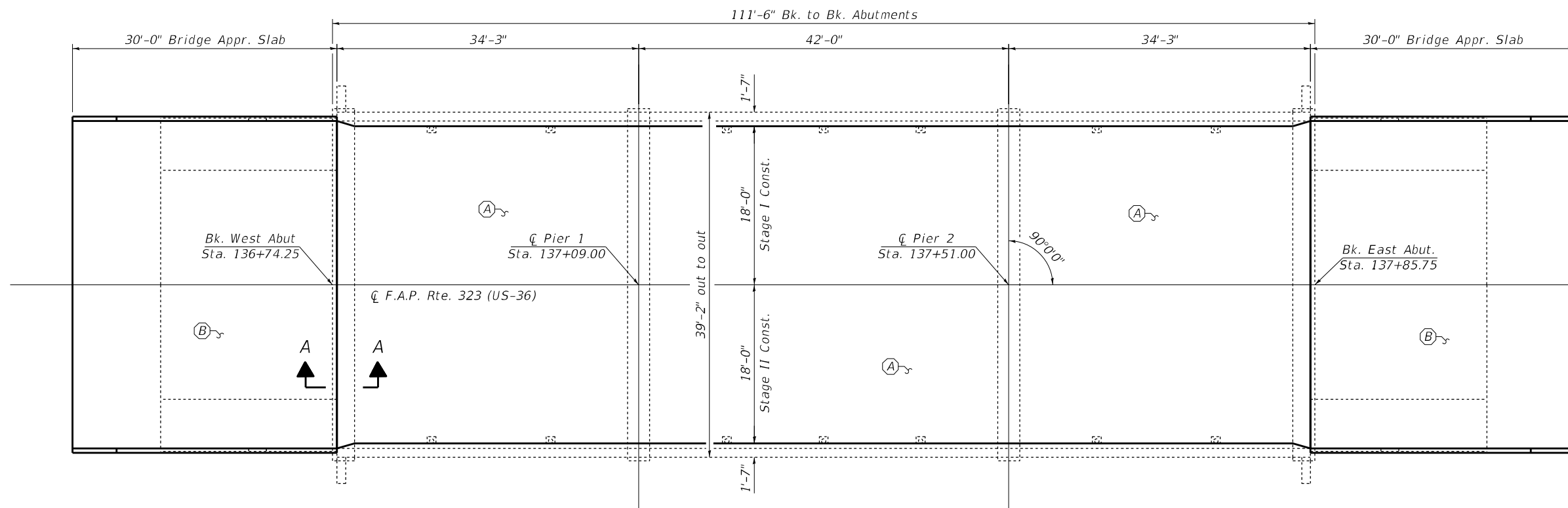
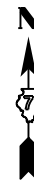
SCALE: 40,0000 ' / in. SHEET 4 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141, 142, 143)RS-4	MOULTRIE	130	92
				CONTRACT NO. 74A24
ILLINOIS FED. AID PROJECT				

SN. 070-0043 carries U.S. Rte 36 (FAP 323) over a tributary to West Okaw River. The existing three span, concrete slab structure with integral abutments was constructed in 1987. The proposed project consists of bridge deck scarification, deck patching, bridge deck overlay, and new approach slabs.

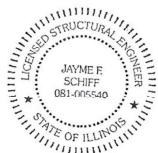


ELEVATION



PLAN

- (A) - Bridge Deck Scarification 3/4", Deck Slab Repair & Bridge Deck Fly Ash or GGBF Slag Concrete Overlay 2-1/4"
- (B) - Remove & Replace Bridge Approach Slab



Expires 11/30/2022

Jayne F. Schiff

USER NAME = steffnmk	DESIGNED - T. Walk	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - T. Walk	REVISED -
PLOT DATE = 4/18/2022	CHECKED - D. Macklin	REVISED -
	DATE - March 2021	REVISED -

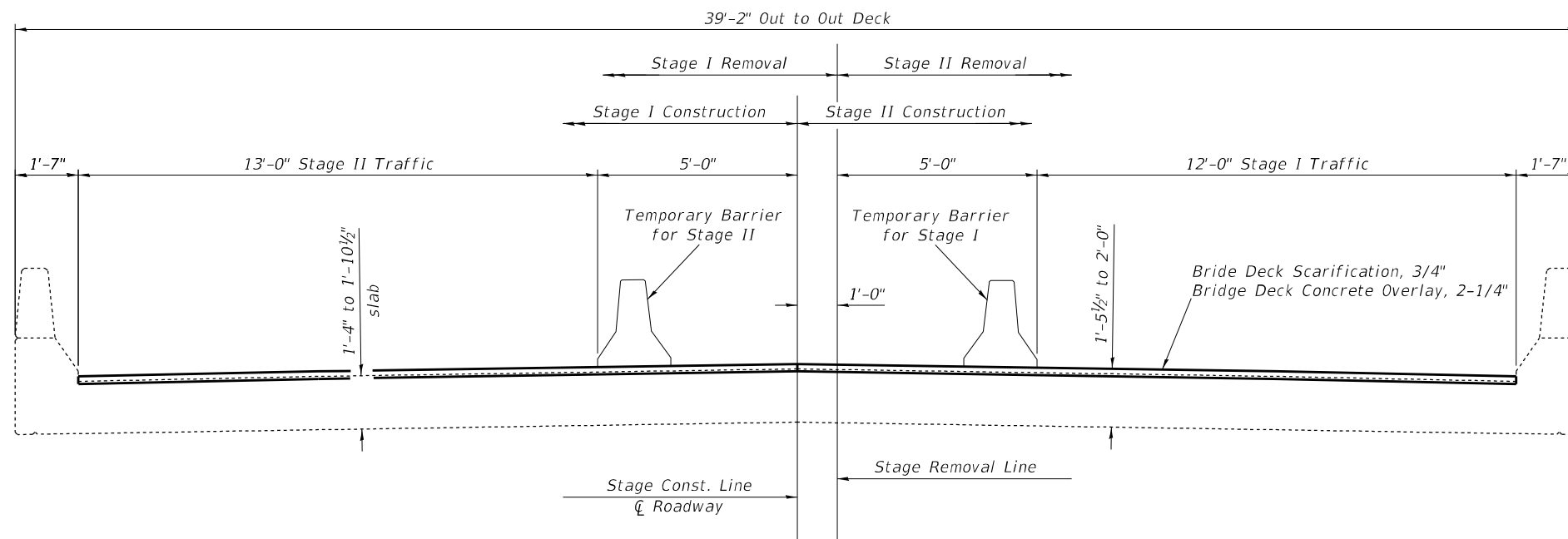
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN & ELEVATION
S.N. 070-0043

SCALE: SHEET 1 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	93
CONTRACT NO. 74A24				
ILLINOIS FED. AID PROJECT				

MODEL: Default
FILE: Main: p:\illicon-caw-beadley.com\PIV\DOT\Documents\DOT_Offices\Director: 7\Projects\74A24\CADD\Drawings\CD\Sheet\074A24-EP-Bridge-repair.dgn



DECK CROSS SECTION
Looking East

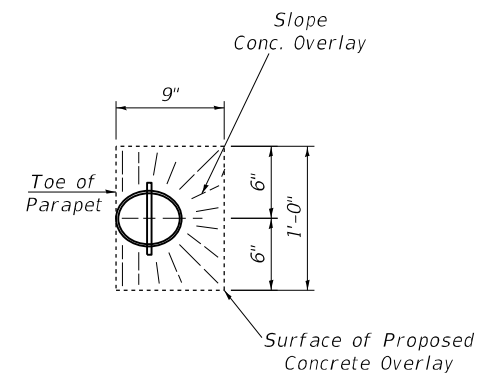
GENERAL NOTES

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

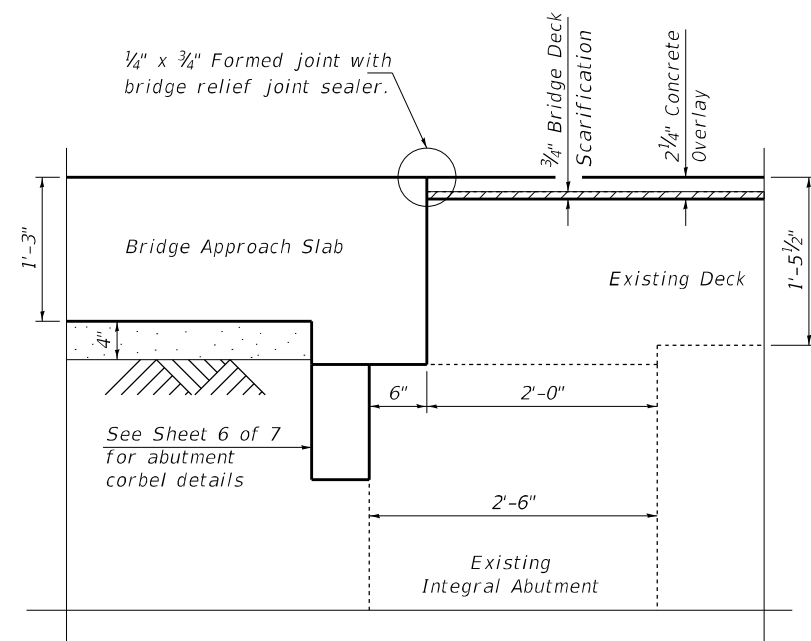
Reinforcement Bars designated (E) shall be epoxy coated.

Protective Coat to be applied to areas of new concrete only, including bridge deck concrete overlay.

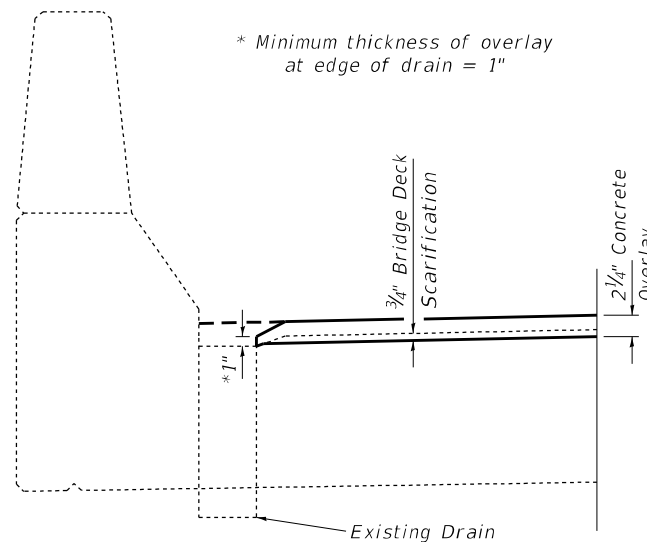
Areas of deck repairs shown are estimated. The Engineer shall show actual locations of deck repairs on as-built plans.



TOP PLAN OF FLOOR DRAIN



SECTION A-A



FLOOR DRAIN PRESERVATION

TOTAL BILL OF MATERIALS

ITEM	UNIT	QUANTITY
Bridge Deck Fly Ash or GGBF Concrete Overlay, 2-1/4"	Sq. Yd.	443
Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	2.0
Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	5.6
Bridge Deck Scarification, 3/4"	Sq. Yd.	443
Bridge Deck Grooving	Sq. Yd.	660
Protective Coat	Sq. Yd.	700
Concrete Superstructure (Approach Slab)	Cu. Yd.	107
Concrete Structures	Cu. Yd.	25.0
Reinforcement Bars, Epoxy Coated	Pound	42,640
Bar Splicers	Each	294

MODEL: Default
 FILE: \\blm\c:\pwworkspace\bechtel\com\pwworkspace\blm\DOT Documents\DOT Office\Director_7\Projects\74A24\ICAD\DATA\CAD\Sheet\74A24-4-1-bridge_repair.dgn
 PLOT DATE = 4/18/2022

USER NAME = steffnmk	DESIGNED - T. Walk	REVISED -
	DRAWN - T. Walk	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - D. Macklin	REVISED -
PLOT DATE = 4/18/2022	DATE - March 2021	REVISED -

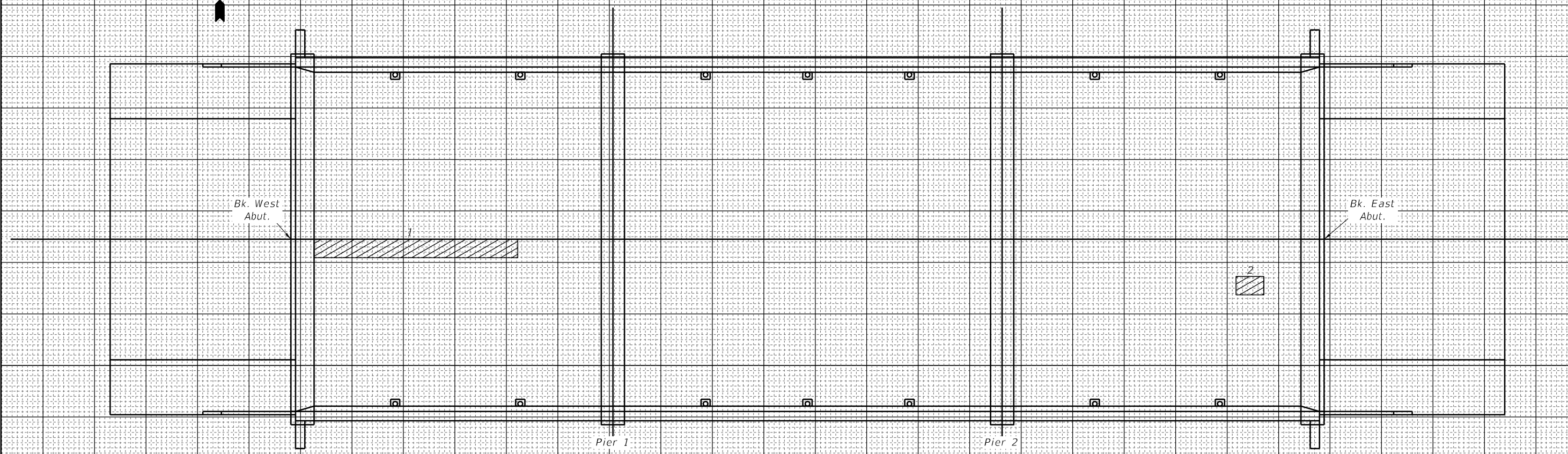
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DECK CROSS SECTION, GENERAL NOTES &
BILL OF MATERIALS S.N. 070-0043**

SCALE: SHEET 2 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	94
CONTRACT NO. 74A24				
ILLINOIS FED. AID PROJECT				

070-0043 Bridge Deck Patching



PATCH NO.	SIZE		DECK SLAB REPAIR (FD TY I)	DECK SLAB REPAIR (FD TY II)
	LENGTH	WIDTH	SQ YD	SQ YD
1	22.0	2.0		4.9
2	3.0	2.0		0.7
TOTALS			0	5.6

* Estimate 2.0 SQ YD additional DECK SLAB REPAIR (FULL DEPTH, TYPE I) to account for smaller patches not found during survey.

THE LOCATIONS AND SIZES SHOWN GRAPHICALLY ABOVE ARE APPROXIMATE. SEE THIS TABLE FOR ACTUAL SIZES.



DATE OF SURVEY: March 2021
 SURVEY BY: DPM & TMW
 METHOD OF SURVEY: VISUAL

ESTIMATED PAY QUANTITIES:
 DECK SLAB REPAIR (FULL DEPTH TYPE I)
 2.0 SQ YD
 DECK SLAB REPAIR (FULL DEPTH TYPE II)
 5.6 SQ YD

MODEL: Default
 FILE NAME: p:\w\p-w\benley.com\FW\DOT\Documents\DOT - Offices\District 7\Projects\7424\CAD\Drawings\070-0043-03-bridge_repair.dgn

USER NAME = stefnmk	DESIGNED - T. Walk	REVISED -
	DRAWN - T. Walk	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - D. Macklin	REVISED -
PLOT DATE = 4/18/2022	DATE - March 2021	REVISED -

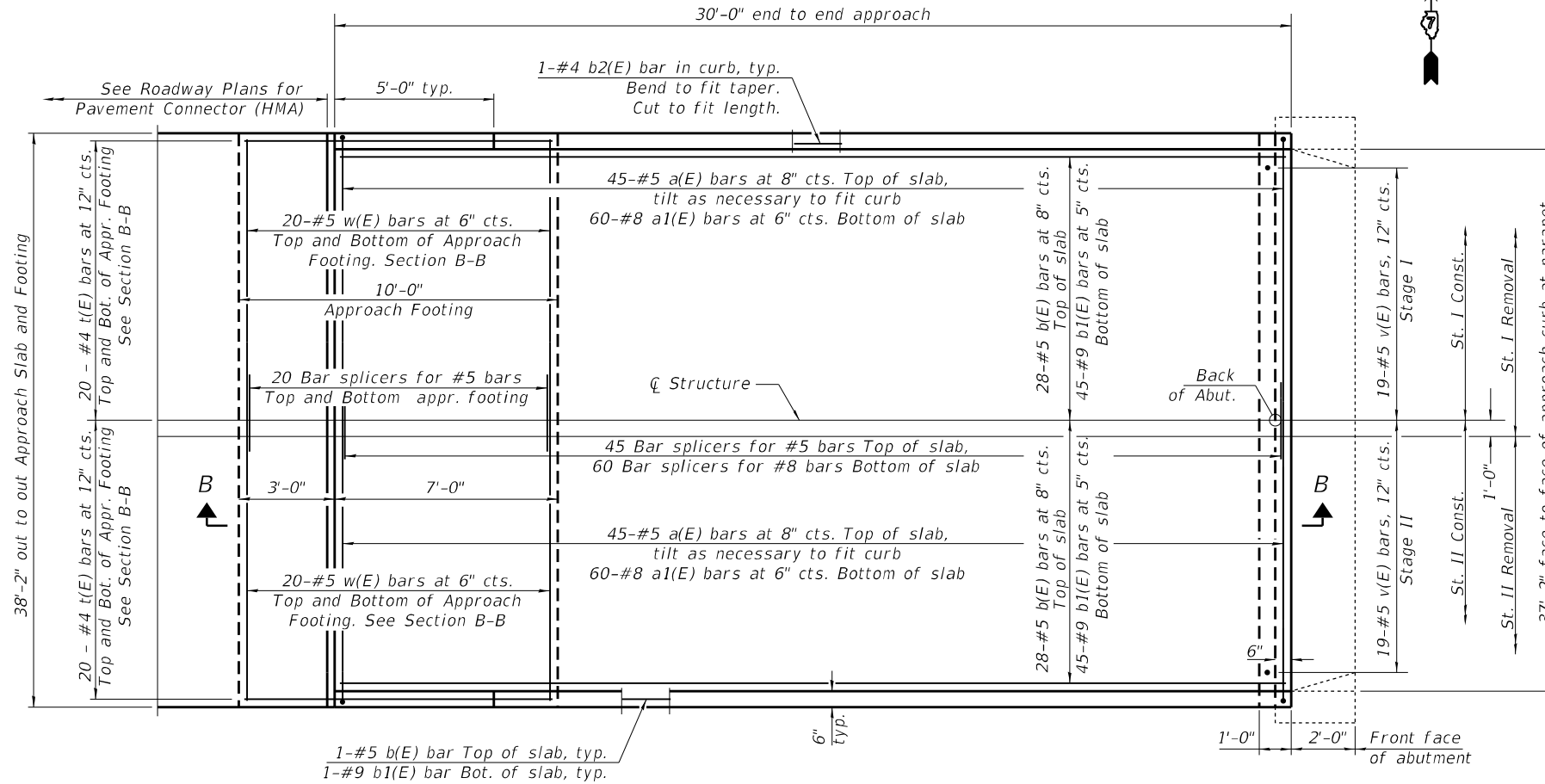
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**BRIDGE DECK PATCHING
 S.N. 070-0043**

SCALE: SHEET 3 OF 7 SHEETS STA. TO STA.

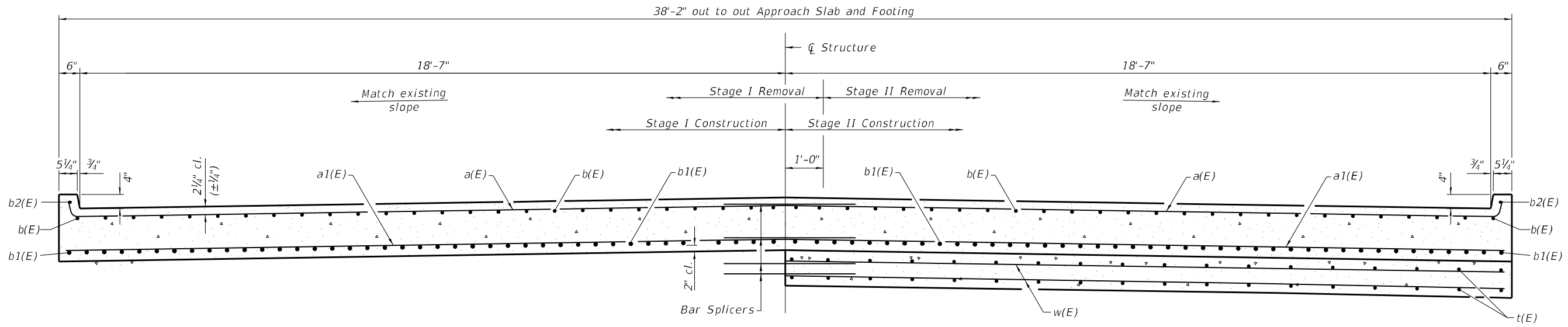
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	95
CONTRACT NO. 74A24				
ILLINOIS FED. AID PROJECT				

For Section B-B, See sheet 5 of 7



PLAN

West Approach Shown
East Approach Similar



CROSS SECTION

Looking East

NEAR ABUTMENT

AT APPROACH FOOTING

MODEL: Default
 FILE: \\mulec-pw-bentley.com\P\INDOT\Documents\DOT Office\Drawings\71\Project\74624\ICAD\Drawings\CAD\Sheet\74624-1-1-bridge_repair.dgn

USER NAME = stefenmk	DESIGNED - T. Walk	REVISED -
	DRAWN - T. Walk	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - D. Macklin	REVISED -
PLOT DATE = 4/18/2022	DATE - March 2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

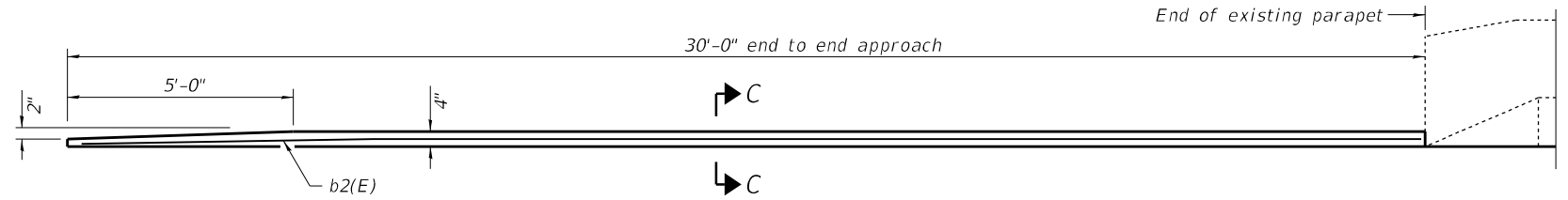
**BRIDGE APPROACH SLAB DETAILS - SHEET 1 OF 2
S.N. 070-0043**

SCALE: SHEET 4 OF 7 SHEETS STA. TO STA.

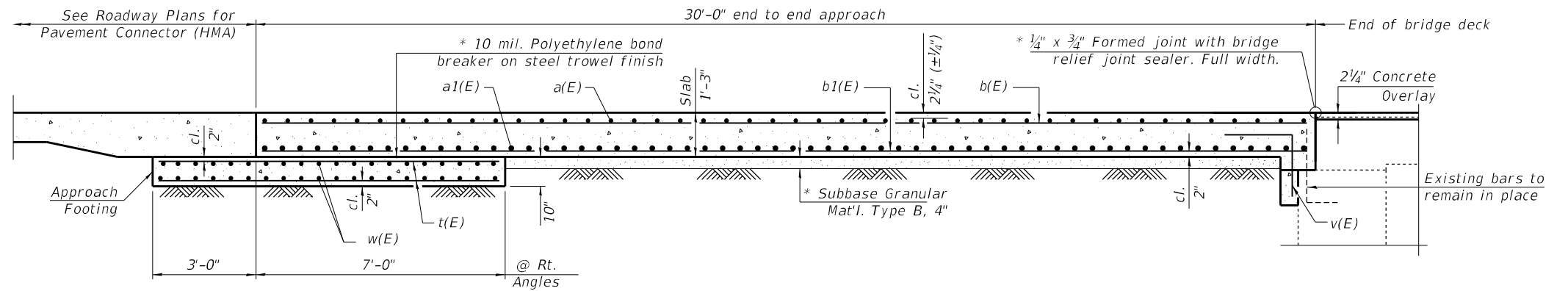
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	96
CONTRACT NO. 74A24				
ILLINOIS FED. AID PROJECT				

Notes:

Approach slab shall be paid for as Concrete Superstructure (Approach Slab).
 Approach footing concrete shall be paid for as Concrete Structures.
 The approach footing maximum applied service bearing pressure (Q_{max}) = 2.0 ksf.
 Cost of excavation for approach footing included with Concrete Structures.



INSIDE ELEVATION OF CURB

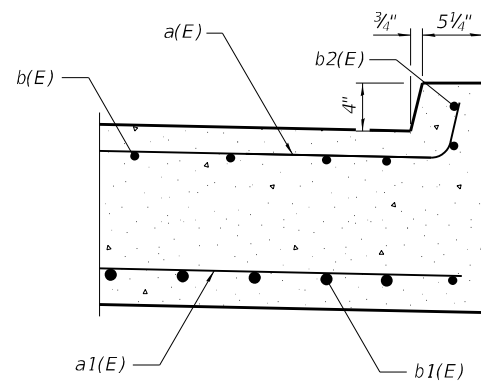


SECTION B-B

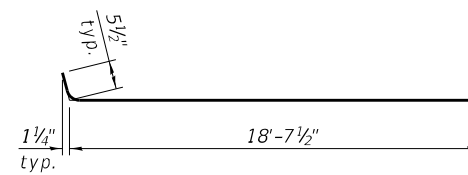
* Cost included with Concrete Superstructure (Approach Slab).

TWO APPROACHES
 BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	180	#5	19'-1"	┌───┐
a1(E)	240	#8	18'-8"	┌───┐
b(E)	116	#5	29'-8"	┌───┐
b1(E)	184	#9	29'-8"	┌───┐
b2(E)	4	#4	29'-8"	┌───┐
t(E)	160	#4	9'-8"	┌───┐
w(E)	160	#5	18'-8"	┌───┐
Concrete Superstructure (Approach Slab)			Cu. Yd.	107
Concrete Structures			Cu. Yd.	23.6
Reinforcement Bars, Epoxy Coated			Pound	41,930
Bar Splicers			Each	290



SECTION C-C



BAR a(E)

MODEL: Default
 FILE: \\na1c1p\public\paw_bec\paw.com\PIV\DOT\Documents\DOT Office\Drawings\74424\ICAD\Drawings\CAD\Sheet\74424-14-18-2022\bridge_repair.dgn

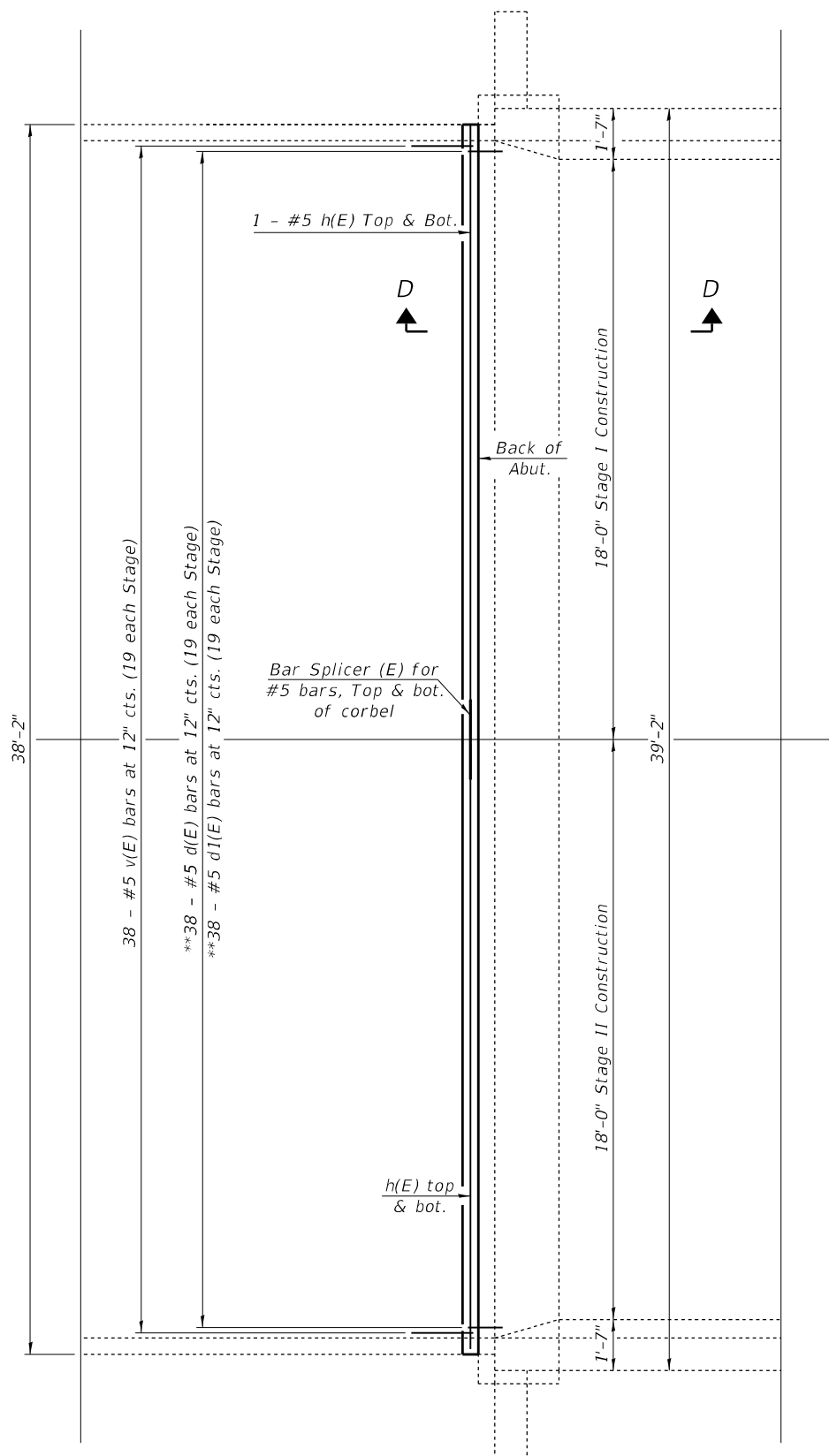
USER NAME = steffenmk	DESIGNED - T. Walk	REVISED -
DRAWN - T. Walk	REVISIONS -	
PLOT SCALE = 100,0000' / in.	CHECKED - D. Macklin	REVISIONS -
PLOT DATE = 4/18/2022	DATE - March 2021	REVISIONS -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

BRIDGE APPROACH SLAB DETAILS - SHEET 2 OF 2
 S.N. 070-0043

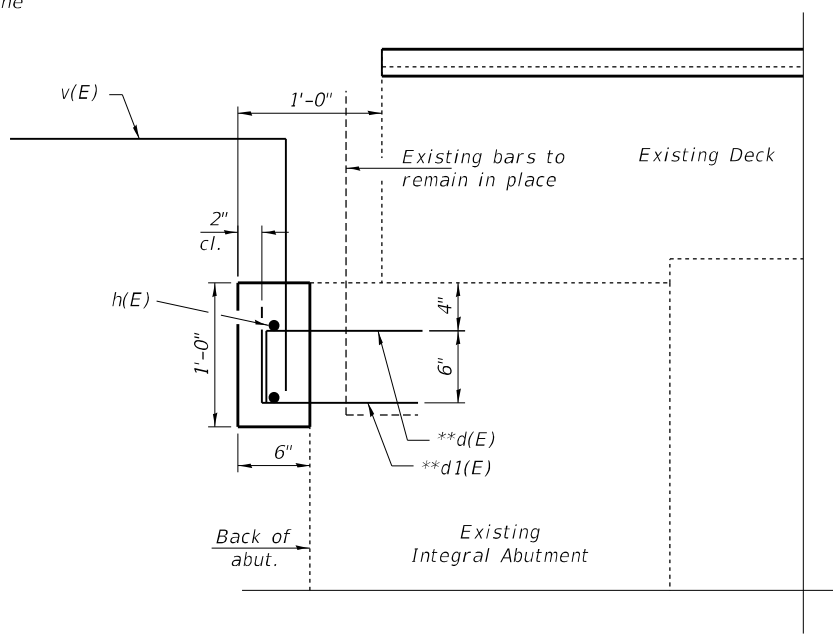
SCALE: SHEET 5 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	97
			CONTRACT NO. 74A24	
ILLINOIS		FED. AID PROJECT		



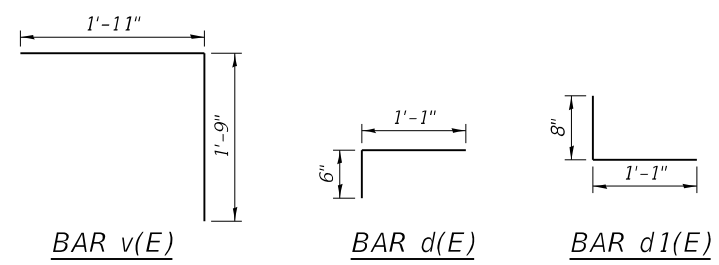
PROPOSED PARTIAL PLAN
West Approach Shown
East Approach Similar

**Epoxy grout d(E) & d1(E) bars in 9" min. holes according to Article 584 of the Standard Specifications.



SECTION D-D

Notes:
Abutment corbel concrete shall be paid for as Concrete Structures.
Cost of excavation for approach footing included with Concrete Structures.



BILL OF MATERIAL - TWO ABUTMENTS

Bar	No.	Size	Length	Shape
d(E)	76	#5	1'-7"	┌
d1(E)	76	#5	1'-9"	└
h(E)	8	#5	18'-8"	—
v(E)	76	#5	3'-8"	└
Concrete Structures			Cu. Yd.	1.4
Reinforcement Bars, Epoxy Coated			Pound	710
Bar Splicers			Each	4

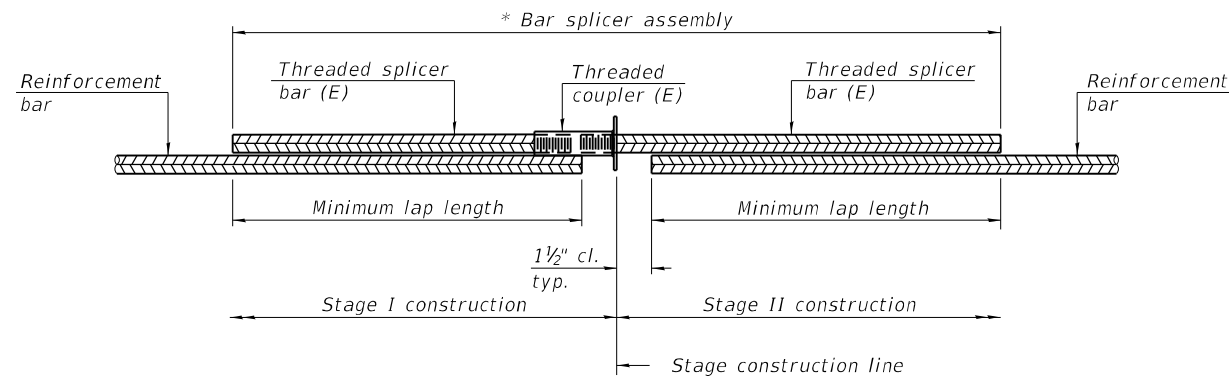
MODEL: Default
 FILE: AbutM2.pia
 PROJECT: 74A24\ICAD\Drawings\CAD\Sheet\74A24-1-1-1.dwg
 PLOT DATE: 4/18/2022

USER NAME = stefnsmk	DESIGNED - T. Walk	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - T. Walk	REVISOR -
PLOT DATE = 4/18/2022	CHECKED - D. Macklin	REVISOR -
	DATE - March 2021	REVISOR -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ABUTMENT MODIFICATIONS			
S.N. 070-0043			
SCALE:	SHEET 6	OF 7 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	98
CONTRACT NO. 74A24				
ILLINOIS FED. AID PROJECT				

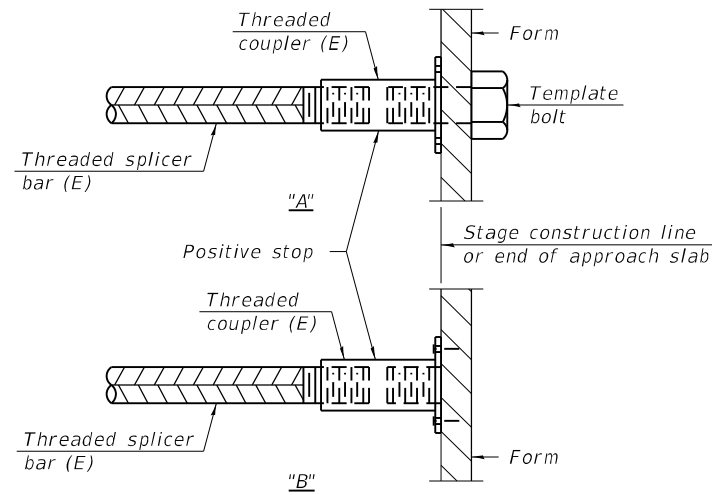


STANDARD BAR SPLICER ASSEMBLY PLAN
 (All components shall be provided from one supplier)

Threaded splicer bar length = min. lap length + 1 1/2" + thread length

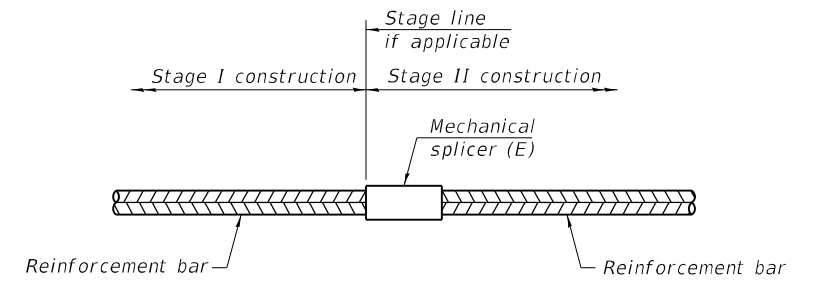
* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

Location	Bar size	No. assemblies required	Minimum lap length
Abutment Corbel	#5	4	3'-0"
Approach	#5	90	3'-0"
Approach	#8	120	4'-9"
Approach Footing	#5	80	3'-0"



INSTALLATION AND SETTING METHODS

"A" : Set bar splicer assembly by means of a template bolt.
 "B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.
 (E) : Indicates epoxy coating.



STANDARD MECHANICAL SPLICER

Location	Bar size	No. assemblies required

Notes:
 Splicer bars shall be deformed with threaded ends and have a minimum 60 ksi yield strength.
 All reinforcement shall be lapped and tied to the splicer bars.
 Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. See Section 508 of the Standard Specifications.
 See approved list of bar splicer assemblies and mechanical splicers for alternatives.

BSD-1

1-1-2020

MODEL: Default
 FILE: \\blmfc-pw-bentley.com\P\INDOT\Documents\DOT Office\Dir\rdt_7\Project\74A24\ICAD\Bata\CAD\Sheet\DOT74A24\Left\bridge_repair.dgn

USER NAME = steffnmk	DESIGNED - T. Walk	REVISED -
	DRAWN - T. Walk	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED - D. MacKlin	REVISED -
PLOT DATE = 4/18/2022	DATE - March 2021	REVISED -

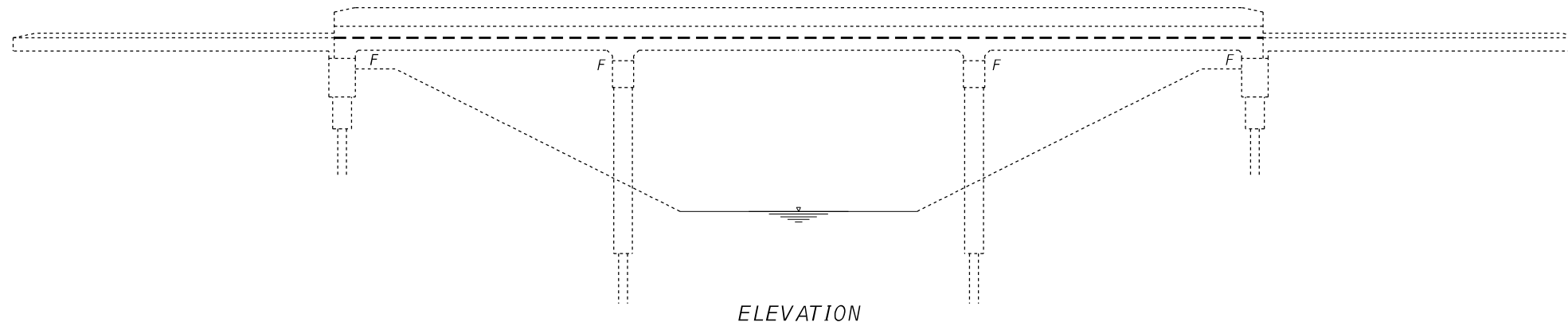
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

BAR SPLICER ASSEMBLY AND MECHANICAL SPLICER DETAILS
S.N. 070-0043

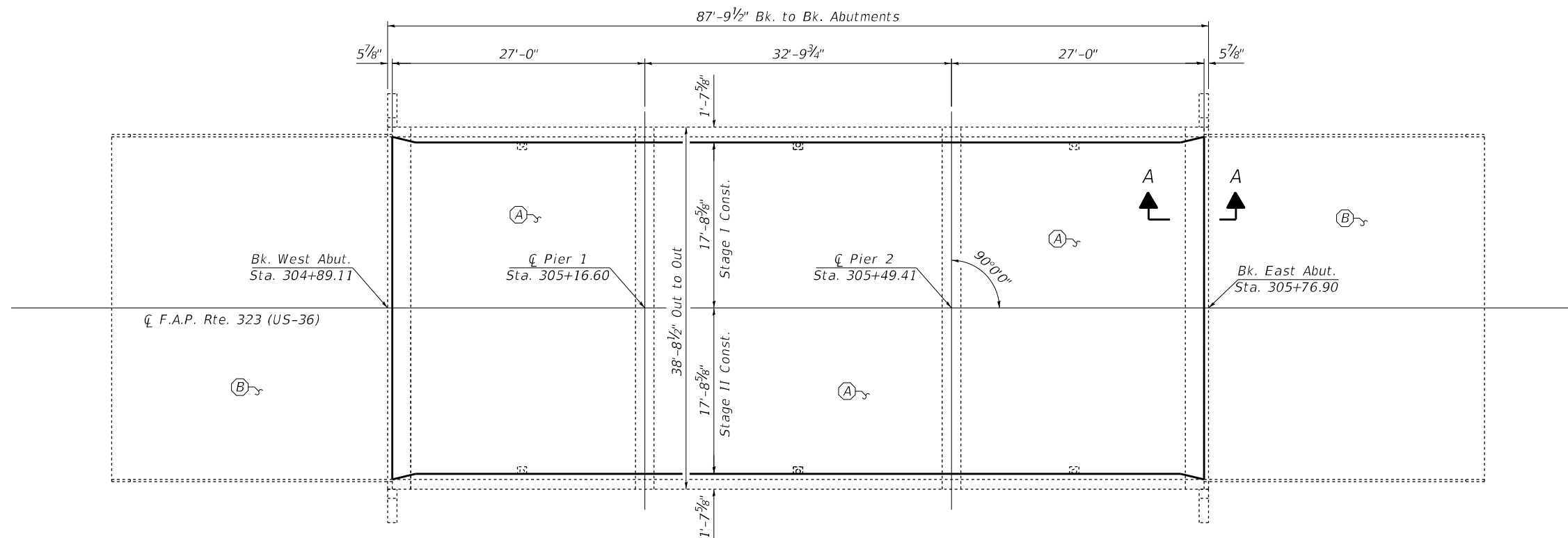
SCALE: SHEET 7 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	99
CONTRACT NO. 74A24				
ILLINOIS FED. AID PROJECT				

SN. 070-0047 carries U.S. Rte 36 (FAP 323) over Ditch No. 3.
 The existing three span, concrete slab structure with integral abutments was constructed in 1997. The proposed project consists of bridge deck scarification, deck patching, and bridge deck overlay.



ELEVATION



PLAN

- (A) - Bridge Deck Scarification 3/4", Deck Slab Repair & Bridge Deck Fly Ash or GGBF Slag Concrete Overlay 2-1/4"
- (B) - Approach Pavement Patching (See Sheet 3 of 3) & Proposed HMA Overlay (See Roadway Plans)

MODEL: Default
 FILE: \\na1c:\p\l\sect-pw\bea\paw.com\PIV\DOT\Documents\DOT Office\Dir\rdet_7\Project\74A24\CADD\DATA\CAD\Sheet\DOT74A24-L-1-bridge_repair.dgn

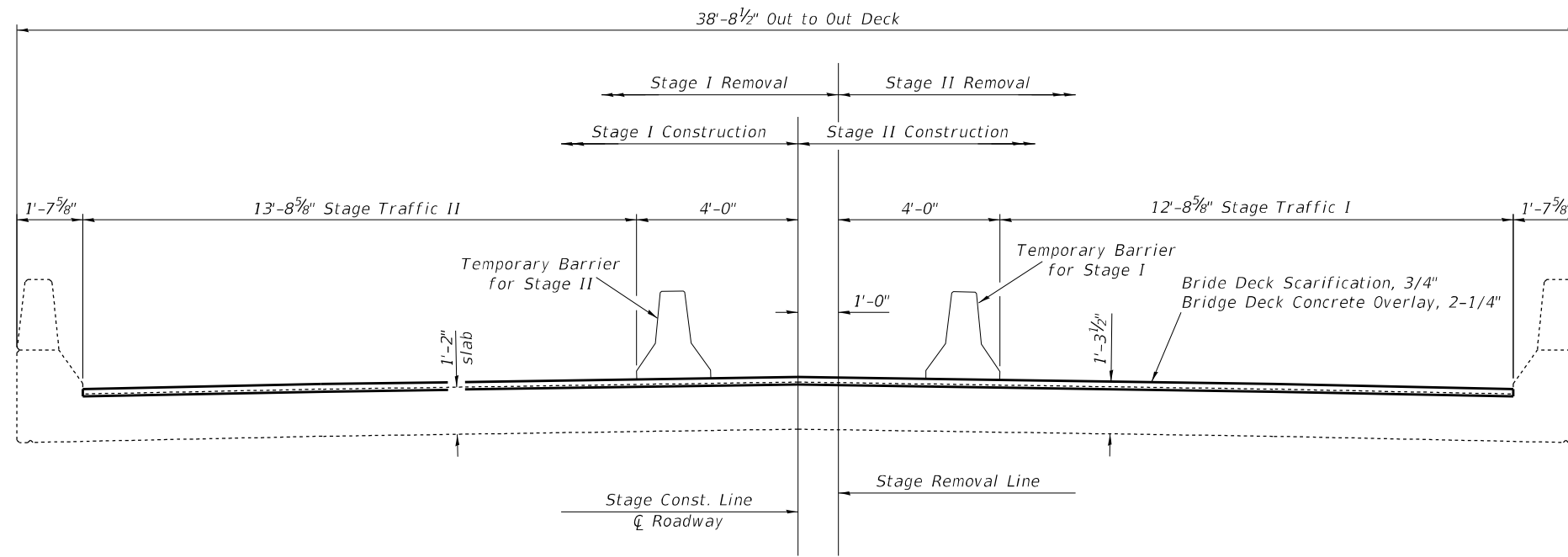
USER NAME = steffenmk	DESIGNED - T. Walk	REVISED -
	DRAWN - T. Walk	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - D. Macklin	REVISED -
PLOT DATE = 4/18/2022	DATE - March 2021	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

GENERAL PLAN & ELEVATION
 S.N. 070-0047

SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	100
CONTRACT NO. 74A24				
ILLINOIS FED. AID PROJECT				



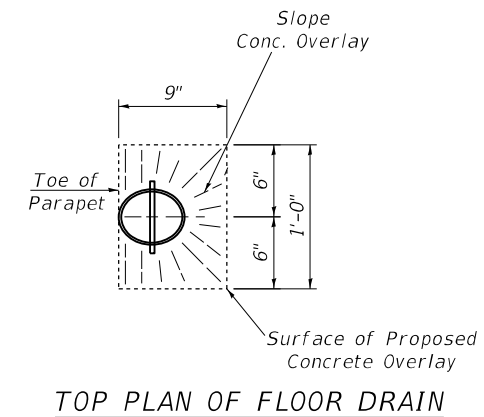
DECK CROSS SECTION
Looking East

GENERAL NOTES

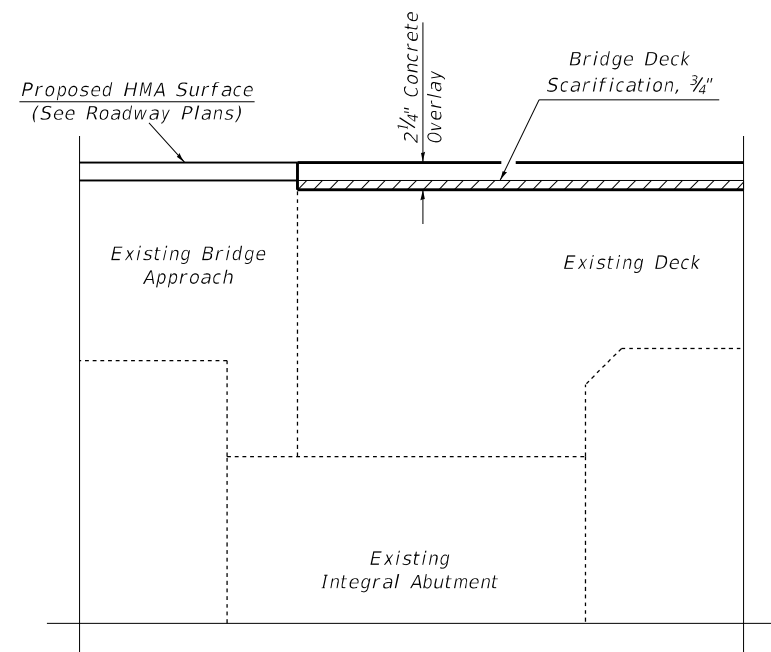
Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

Protective Coat to be applied to areas of new concrete only, including bridge deck concrete overlay.

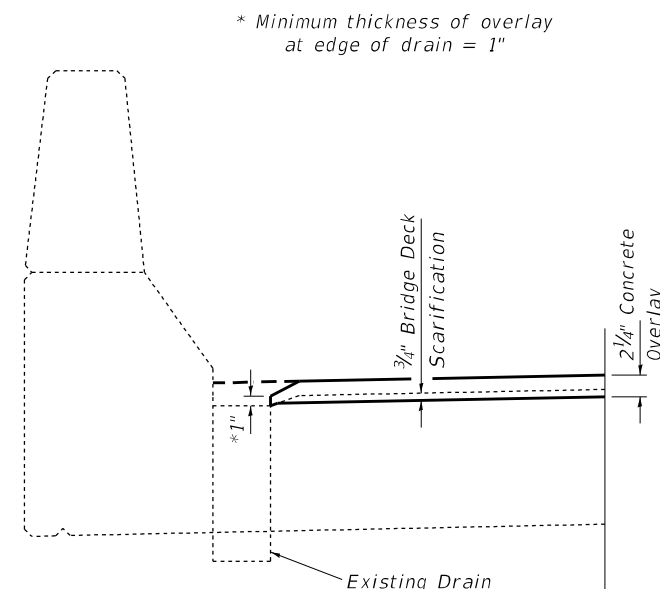
Areas of deck repairs shown are estimated. The Engineer shall show actual locations of deck repairs on as-built plans.



TOP PLAN OF FLOOR DRAIN



SECTION A-A

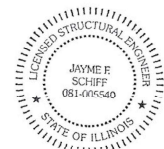


FLOOR DRAIN PRESERVATION

TOTAL BILL OF MATERIALS

ITEM	UNIT	QUANTITY
Bridge Deck Fly Ash or GGBF Concrete Overlay, 2-1/4"	Sq. Yd.	343
Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	1.0
Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	1.2
Approach Slab Repair (Partial Depth)	Sq. Yd.	1.0
Bridge Deck Scarification, 3/4"	Sq. Yd.	343
Bridge Deck Grooving	Sq. Yd.	323
Protective Coat	Sq. Yd.	343

MODEL: Default
FILE: Mainfile.pia
PROJECT: 742424\CADD\Drawings\DOT - District\District: 7\Projects\742424\CADD\Drawings\DOT - District\742424-Sub-bridge-repair.dgn



Expires 11/30/2022

USER NAME = stefanmk	DESIGNED - T. Walk	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - T. Walk	REVISED -
PLOT DATE = 4/18/2022	CHECKED - D. Macklin	REVISED -
	DATE - March 2021	REVISED -

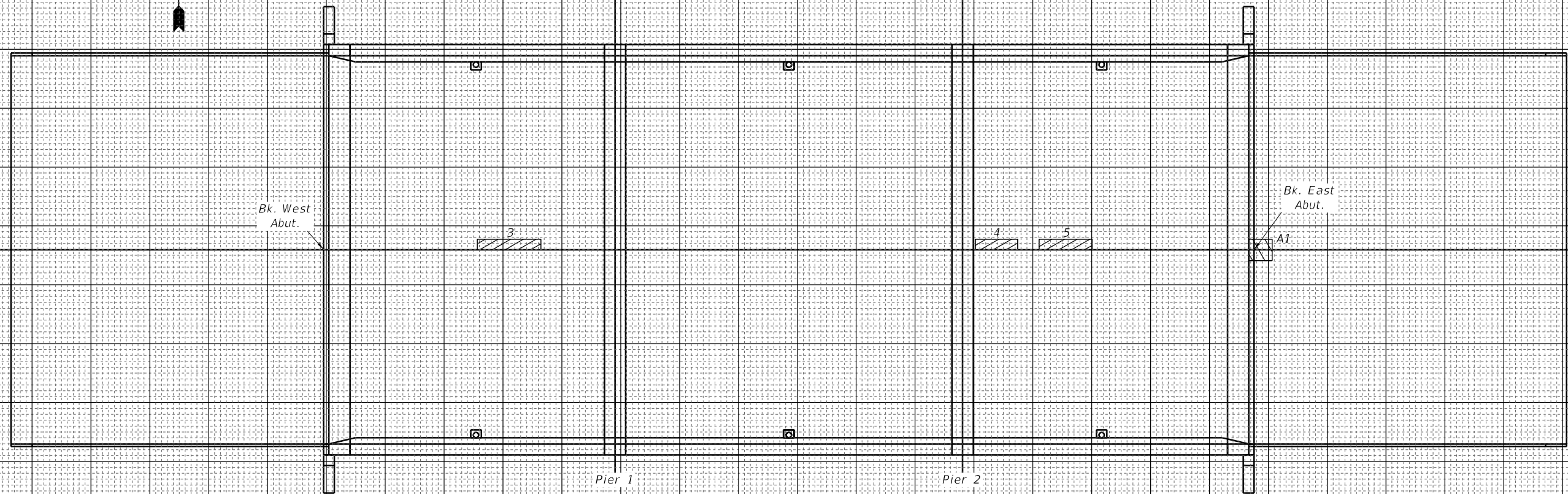
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DECK CROSS SECTION, GENERAL NOTES &
BILL OF MATERIALS S.N. 070-0047**

SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	101
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74A24	

070-0047 Bridge Deck Patching & Approach Repair

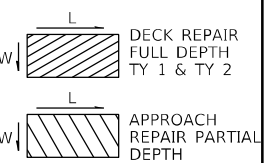


PATCH	SIZE		DECK SLAB REPAIR (FD TY I)	DECK SLAB REPAIR (FD TY II)
	NO.	LENGTH	WIDTH	SQ YD
	3	6.0	1.0	0.7
	4	4.0	1.0	0.4
	5	5.0	1.0	0.6
TOTALS				1.2

PATCH	SIZE		APPROACH SLAB REPAIR (PARTIAL DEPTH)
	NO.	LENGTH	WIDTH
	A1	2.0	2.0
TOTALS			0.4

* Estimate 1.0 SQ YD additional DECK SLAB REPAIR (FULL DEPTH, TYPE I) to account for smaller patches not found during survey.

THE LOCATIONS AND SIZES SHOWN GRAPHICALLY ABOVE ARE APPROXIMATE. SEE THIS TABLE FOR ACTUAL SIZES.



DATE OF SURVEY: March 2021
 SURVEY BY: DPM & TMW
 METHOD OF SURVEY: VISUAL

ESTIMATED PAY QUANTITIES:

- DECK SLAB REPAIR (FULL DEPTH TYPE I)
1.0 SQ YD
- DECK SLAB REPAIR (FULL DEPTH TYPE II)
1.2 SQ YD
- APPROACH SLAB REPAIR (PARTIAL DEPTH)
1.0 SQ YD

MODEL: Default
 FILE NAME: p:\w\p\w\benley.com\FW\DOT\Documents\DOT - Offices\District 7\Projects\742\ICAD\Drawings\742-0047-03-bridge_repair.dgn

USER NAME = stefenmk	DESIGNED - T. Walk	REVISED -
	DRAWN - T. Walk	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - D. Macklin	REVISED -
PLOT DATE = 4/18/2022	DATE - March 2021	REVISED -

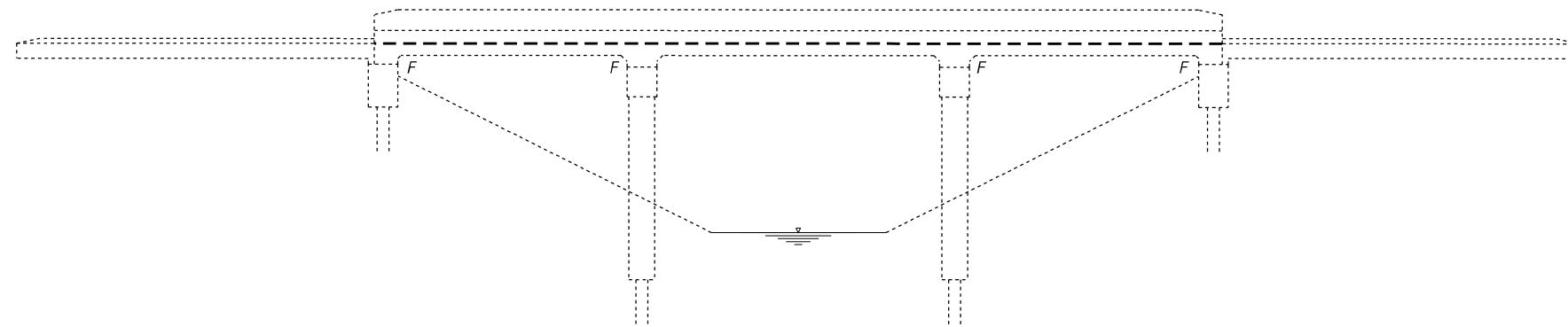
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

BRIDGE DECK & APPROACH PATCHING
 S.N. 070-0047

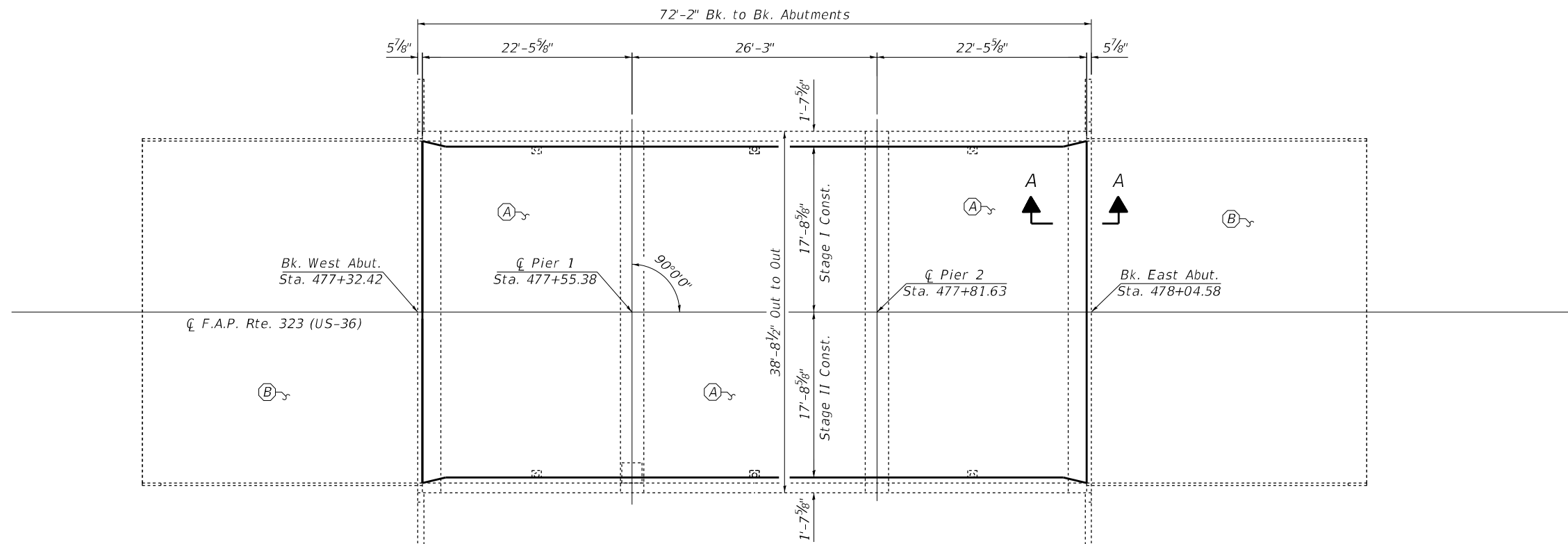
SCALE: SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	102
CONTRACT NO. 74A24				
ILLINOIS FED. AID PROJECT				

SN. 070-0048 carries U.S. Rte 36 (FAP 323) over Hammond Mutual Ditch.
 The existing three span, concrete slab structure with integral abutments was
 constructed in 1999. The proposed project consists of bridge deck scarification,
 deck patching, and bridge deck overlay.

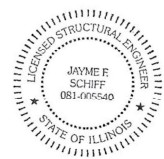


ELEVATION



PLAN

- (A) - Bridge Deck Scarification 3/4", Deck Slab Repair & Bridge Deck Fly Ash or GGBF Slag Concrete Overlay 2-1/4"
- (B) - Approach Pavement Patching (See Sheet 3 of 3) & Proposed HMA Overlay (See Roadway Plans)



Expires 11/30/2022

Jayne F. Schiff

USER NAME = steffnmk	DESIGNED - T. Walk	REVISED -
	DRAWN - T. Walk	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - D. Macklin	REVISED -
PLOT DATE = 4/18/2022	DATE - March 2021	REVISED -

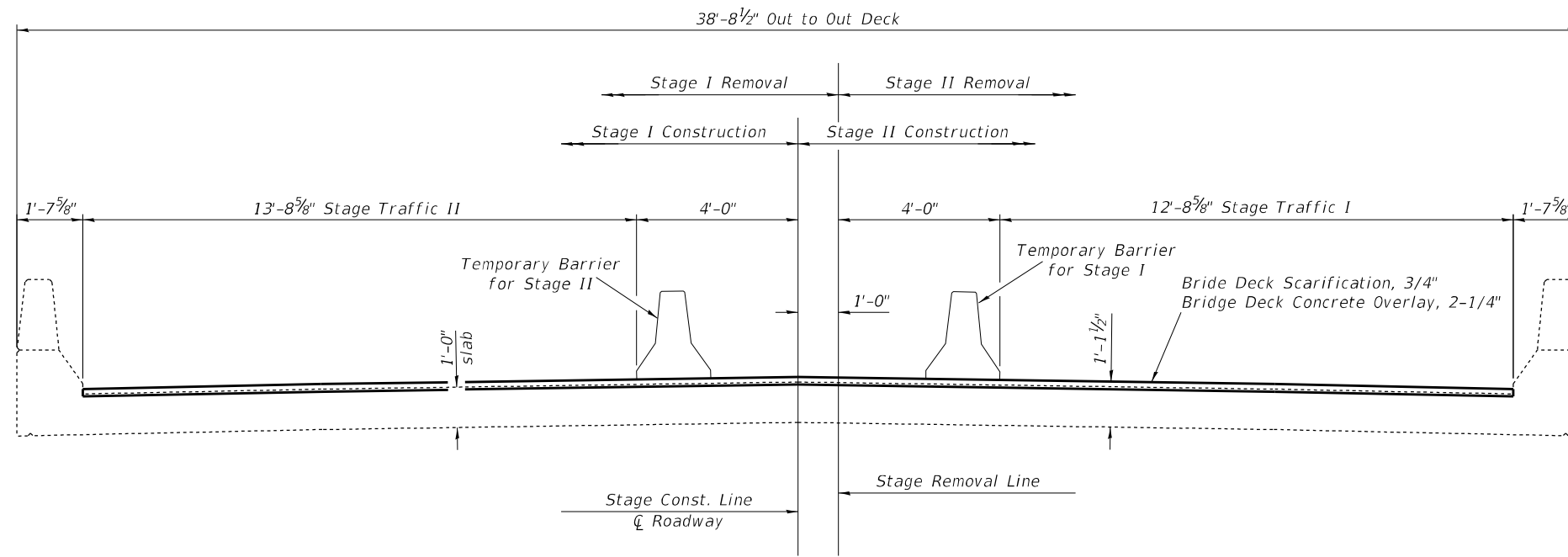
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

GENERAL PLAN & ELEVATION
 S.N. 070-0048

SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	103
CONTRACT NO. 74A24				
ILLINOIS FED. AID PROJECT				

MODEL: Default
 FILE: Mainfile.pxl
 PROJECT: 74A24\CADD\Drawings\DOT Office\Drawings\74A24\Left\bridge_repair.dgn



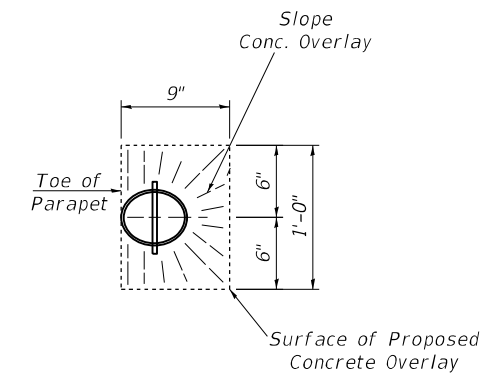
DECK CROSS SECTION
Looking East

GENERAL NOTES

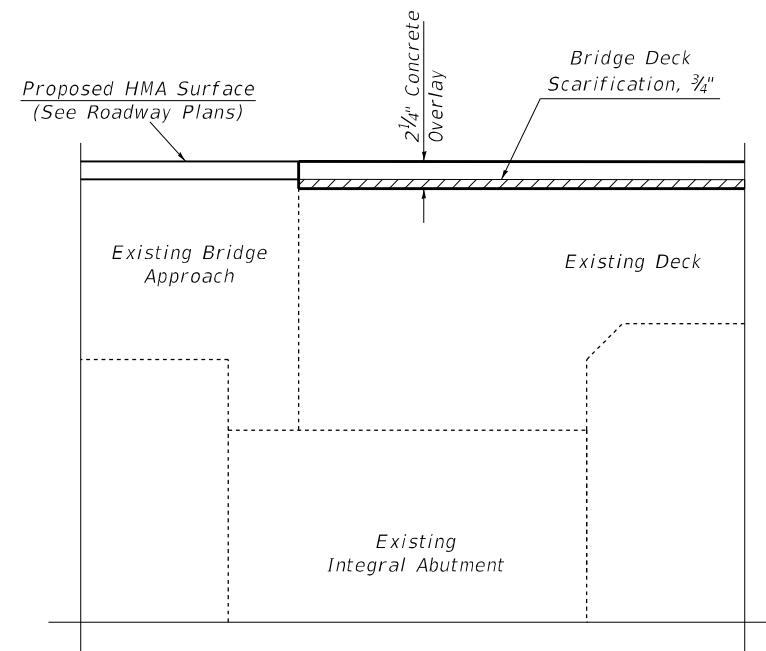
Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

Protective Coat to be applied to areas of new concrete only, including bridge deck concrete overlay.

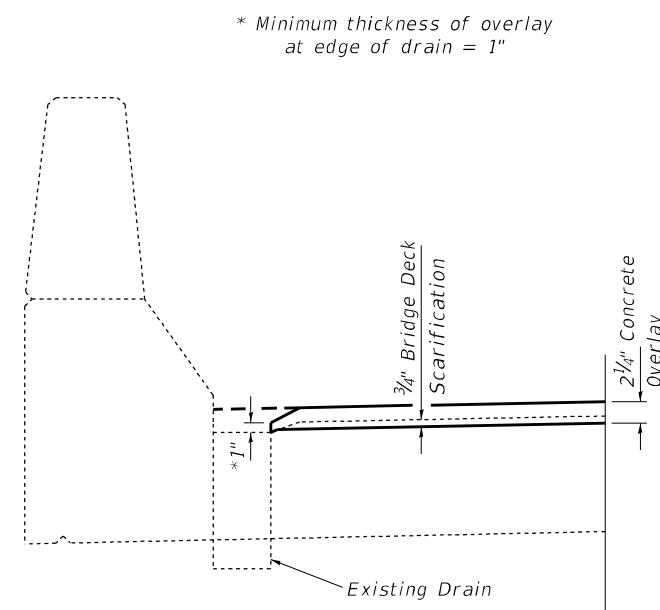
Areas of deck repairs shown are estimated. The Engineer shall show actual locations of deck repairs on as-built plans.



TOP PLAN OF FLOOR DRAIN



SECTION A-A



FLOOR DRAIN PRESERVATION

TOTAL BILL OF MATERIALS

ITEM	UNIT	QUANTITY
Bridge Deck Fly Ash or GGBF Concrete Overlay, 2-1/4"	Sq. Yd.	281
Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	1.0
Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	1.0
Approach Slab Repair (Partial Depth)	Sq. Yd.	4.5
Bridge Deck Scarification, 3/4"	Sq. Yd.	281
Bridge Deck Grooving	Sq. Yd.	265
Protective Coat	Sq. Yd.	281

MODEL: Default
 FILE: \\na16c-pw-bentley.com\P\INDOT\Documents\DOT Office\Director_T\Projects\74A24\ICADD\Bids\CAD\Sheet\74A24-4-18-bridge-repair.dgn
 PLOT SCALE = 100,0000' / in.
 PLOT DATE = 4/18/2022

USER NAME = stefenmk	DESIGNED - T. Walk	REVISED -
	DRAWN - T. Walk	REVISED -
	CHECKED - D. Macklin	REVISED -
	DATE - March 2021	REVISED -

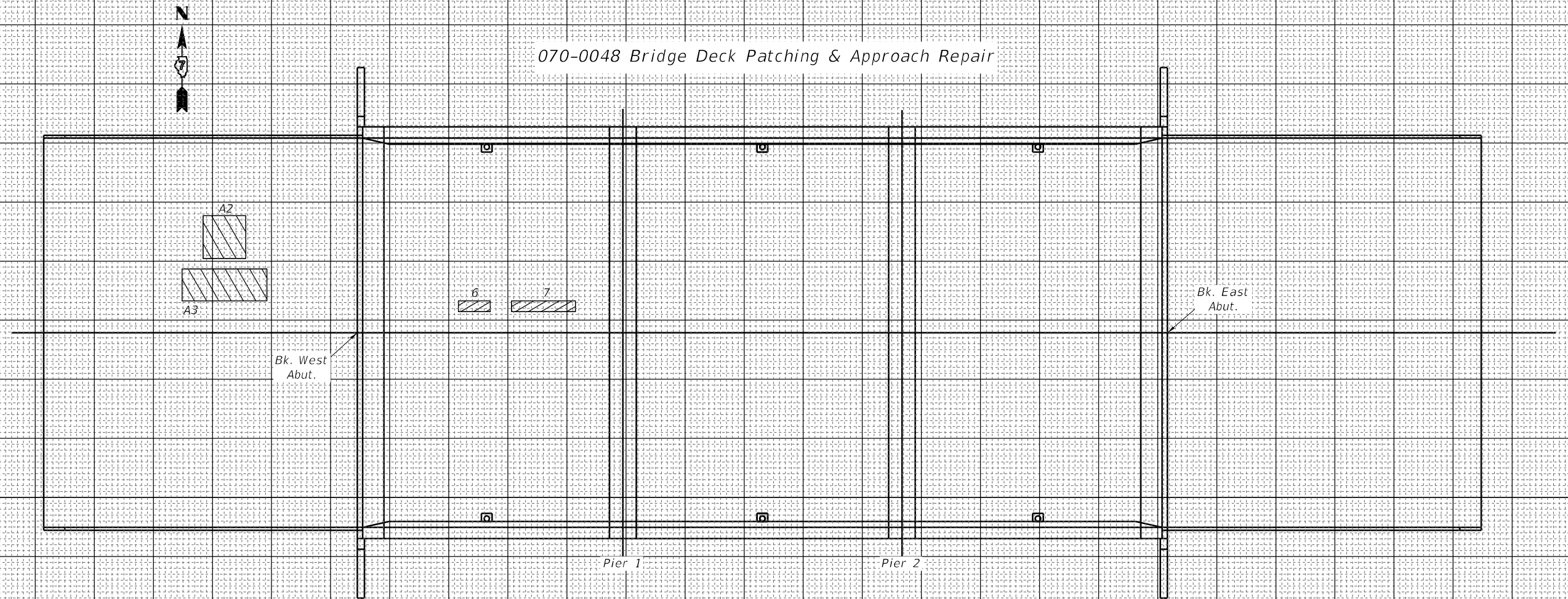
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DECK CROSS SECTION, GENERAL NOTES &
BILL OF MATERIALS S.N. 070-0048**

SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	104
CONTRACT NO. 74A24				
ILLINOIS FED. AID PROJECT				

070-0048 Bridge Deck Patching & Approach Repair

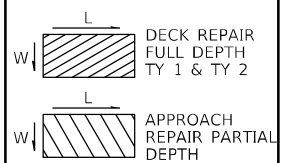


PATCH NO.	SIZE		DECK SLAB REPAIR (FD TY I)	DECK SLAB REPAIR (FD TY II)
	LENGTH	WIDTH	SQ YD	SQ YD
6	3.0	1.0	0.3	
7	6.0	1.0		0.7
TOTALS			0.3	0.7

PATCH NO.	SIZE		APPROACH SLAB REPAIR (PARTIAL DEPTH)
	LENGTH	WIDTH	SQ YD
A2	4.0	4.0	1.8
A3	8.0	3.0	2.7
TOTALS			4.5

* Estimate 1.0 SQ YD additional DECK SLAB REPAIR (FULL DEPTH, TYPE I) to account for smaller patches not found during survey.

THE LOCATIONS AND SIZES SHOWN GRAPHICALLY ABOVE ARE APPROXIMATE. SEE THIS TABLE FOR ACTUAL SIZES.



DATE OF SURVEY: March 2021
 SURVEY BY: DPM & TMW
 METHOD OF SURVEY: VISUAL

ESTIMATED PAY QUANTITIES:

- DECK SLAB REPAIR (FULL DEPTH TYPE I)
1.0 SQ YD
- DECK SLAB REPAIR (FULL DEPTH TYPE II)
1.0 SQ YD
- APPROACH SLAB REPAIR (PARTIAL DEPTH)
4.5 SQ YD

MODEL: Default
 FILE NAME: p:\11401-pw-bentley.com\FW\DOT\Documents\DOT\Offices\District 7\Projects\742\11401\Drawings\CAD\ees\070-0048-03-bridge_repair.dgn

USER NAME = steffnmk	DESIGNED - T. Walk	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - T. Walk	REVISED -
PLOT DATE = 4/18/2022	CHECKED - D. Macklin	REVISED -
	DATE - March 2021	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

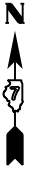
BRIDGE DECK & APPROACH PATCHING
 S.N. 070-0048

SCALE: SHEET 3 OF 3 SHEETS STA. TO STA.

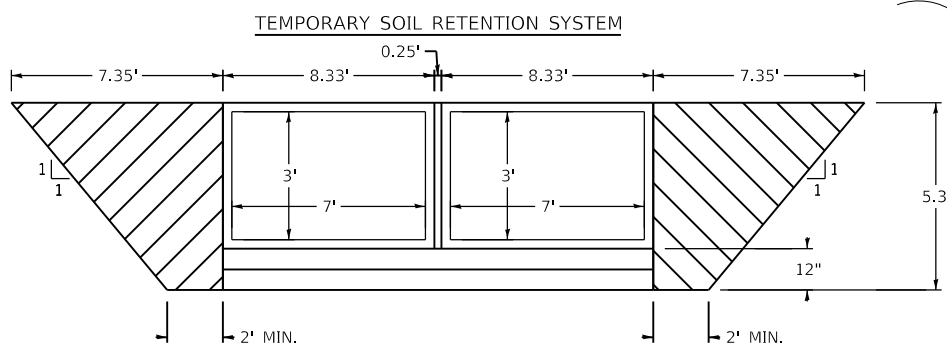
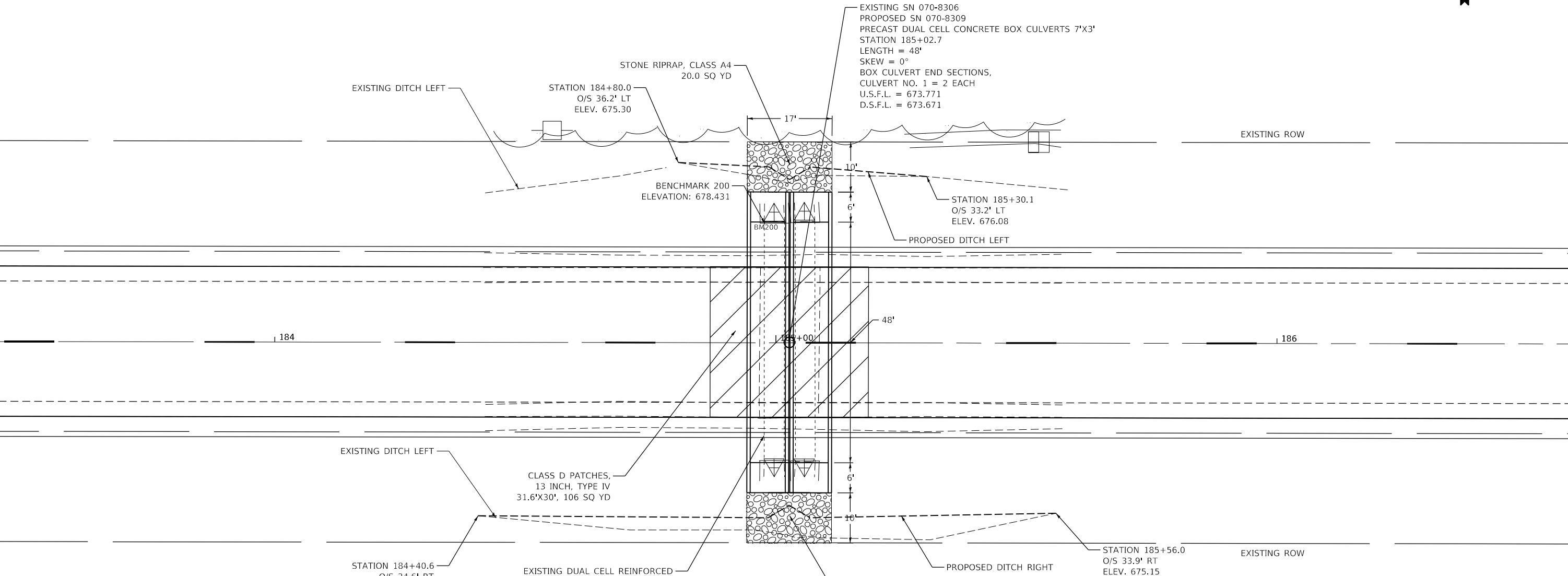
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	105
CONTRACT NO. 74A24				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

The design fill height for this box is 2.56 ft. The precast box culvert sections shall conform to the requirements of ASTM C 1577.
 Drain holes shall be provided on exterior culvert walls for each precast box segment with a clear rise greater than 3 ft. The drain hole shall be located within 1/3 of the clear rise of the box culvert, shall not intercept the haunch, and shall conform to the requirements of Article 503.11 of the Standard Specification.
 Nonwoven geotextile fabric shall conform to the requirements of Art. 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.
 Precast concrete box culverts and box culvert end sections shall be backfilled with Porous Granular Embankment in the required excavation areas on the sides of the box culvert from the top of the box culvert to the bottom of the box culvert. This area of PGE is included in the Porous Granular Embankment pay item. The 6-inch thick layer of porous granular material required under the precast concrete box culvert, according to Section 540.06 of the standard specifications, shall also apply to the end sections. Cost of this porous granular material will not be paid for separately but shall be included in the unit price of the work for which it is required.



BENCHMARK	STATION	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION
200	184+97.7	23.6' LT OF C/L	1138446.776	886883.030	678.431	TOP NORTHWEST BOLT OF THE NORTH HEADWALL OF EXISTING BOX CULVERT SN 070-8306



CULVERT NO. 1 BILL OF MATERIALS			
EX SN 070-8306 - PR SN 070-8309 - STATION 185+02.7			
20200100	EARTH EXCAVATION	18.0	CU YD
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	98.0	CU YD
20700220	POROUS GRANULAR EMBANKMENT	18.0	CU YD
21400100	GRADING AND SHAPING DITCHES	149.0	FOOT
28100107	STONE RIPRAP, CLASS A4	40.0	SQ YD
28200200	FILTER FABRIC	40.0	SQ YD
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	1.0	EACH
50200100	STRUCTURE EXCAVATION	100.0	CU YD
52200020	TEMPORARY SOIL RETENTION SYSTEM	49.7	SQ FT
54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	2.0	EACH
54010703	PRECAST CONCRETE BOX CULVERTS 7'X3'	96.0	FOOT
59100100	GEOCOMPOSITE WALL DRAIN	101.0	SQ YD
66700205	PERMANENT SURVEY MARKER, TYPE I	1.0	EACH
X0900064	MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES	101.0	SQ YD
Z0054505	ROCK-FILL REPLACEMENT	60.0	TON

MODEL NUMBER: MAMTFS
FILE NAME: 811E15

USER NAME = SUSER\$	DESIGNED - LMH	REVISED -
PLOT SCALE = \$SCALE\$	DRAWN - LMH	REVISED -
PLOT DATE = \$DATE\$	CHECKED -	REVISED -
	DATE - \$DATE\$	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PRECAST CONCRETE BOX CULVERT
EXISTING SN 070-8306 - PROPOSED SN 070-8309**
SCALE: \$SCALE\$ SHEET OF SHEETS STA. TO STA.

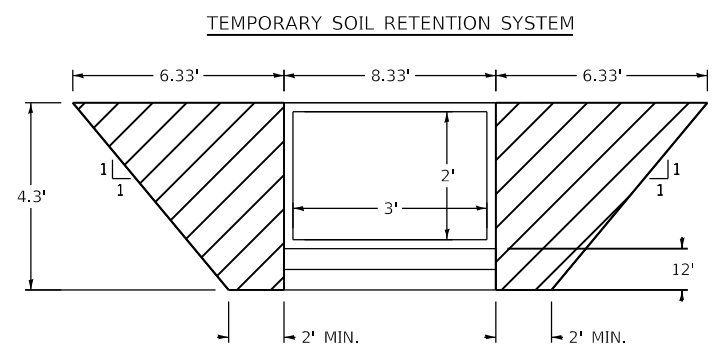
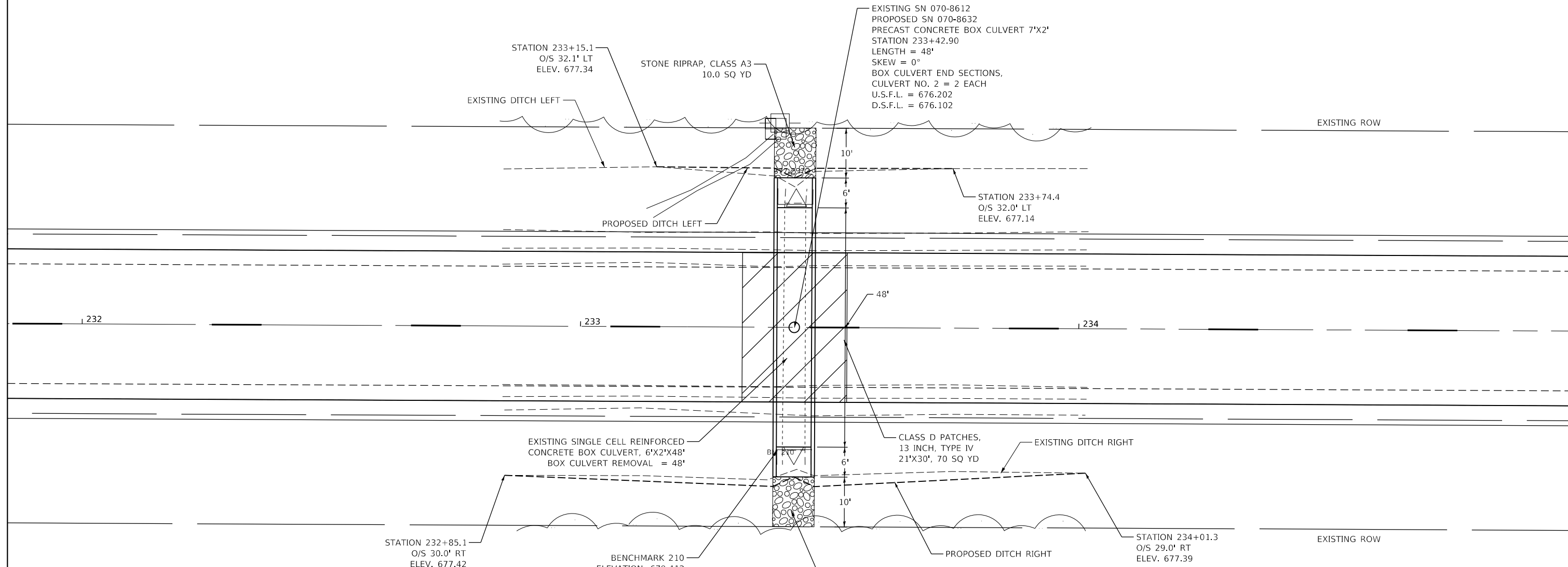
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	106
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74A24	

GENERAL NOTES

The design fill height for this box is 1.57 ft. The precast box culvert sections shall conform to the requirements of ASTM C 1577.
 Drain holes shall be provided on exterior culvert walls for each precast box segment with a clear rise greater than 3 ft. The drain hole shall be located within 1/3 of the clear rise of the box culvert, shall not intercept the haunch, and shall conform to the requirements of Article 503.11 of the Standard Specification.
 Nonwoven geotextile fabric shall conform to the requirements of Art. 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.
 Precast concrete box culverts and box culvert end sections shall be backfilled with Porous Granular Embankment in the required excavation areas on the sides of the box culvert from the top of the box culvert to the bottom of the box culvert. This area of PGE is included in the Porous Granular Embankment pay item. The 6-inch thick layer of porous granular material required under the precast concrete box culvert, according to Section 540.06 of the standard specifications, shall also apply to the end sections. Cost of this porous granular material will not be paid for separately but shall be included in the unit price of the work for which it is required.



BENCHMARK	STATION	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION
210	233+40.2	24.5' RT OF C/L	1138384.296	891725.104	679.702	TOP SOUTHWEST CORNER OF THE SOUTH HEADWALL OF EXISTING BOX CULVERT SN 070-8612



CULVERT NO. 2 BILL OF MATERIALS			
EX SN 070-8612 - PR 070-8632 - STATION 233+42.9			
20200100	EARTH EXCAVATION	6.0	CU YD
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	59.0	CU YD
20700220	POROUS GRANULAR EMBANKMENT	13.0	CU YD
21400100	GRADING AND SHAPING DITCHES	160.0	FOOT
28100107	STONE RIPRAP, CLASS A3	20.0	SQ YD
28200200	FILTER FABRIC	20.0	SQ YD
50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	1.0	EACH
50200100	STRUCTURE EXCAVATION	58.0	CU YD
52200020	TEMPORARY SOIL RETENTION SYSTEM	36.1	SQ FT
54001002	BOX CULVERT END SECTIONS, CULVERT NO. 2	2.0	EACH
54010702	PRECAST CONCRETE BOX CULVERTS 7'X2'	48.0	FOOT
59100100	GEOCOMPOSITE WALL DRAIN	55.2	SQ YD
66700205	PERMANENT SURVEY MARKER, TYPE I	1.0	EACH
X0900064	MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES	55.2	SQ YD
Z0054505	ROCK-FILL REPLACEMENT	32.0	TON

MODEL NUMBER: MAMTMS
FILE NAME: 811E15

USER NAME = SUSERS	DESIGNED - LMH	REVISED -
PLOT SCALE = \$SCALES	DRAWN - LMH	REVISED -
PLOT DATE = \$DATES	CHECKED -	REVISED -
	DATE - \$DATES	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PRECAST CONCRETE BOX CULVERT			
EXISTING SN 070-8612 - PROPOSED SN 070-8632			
SCALE: \$SCALES	SHEET	OF SHEETS	STA. TO STA.

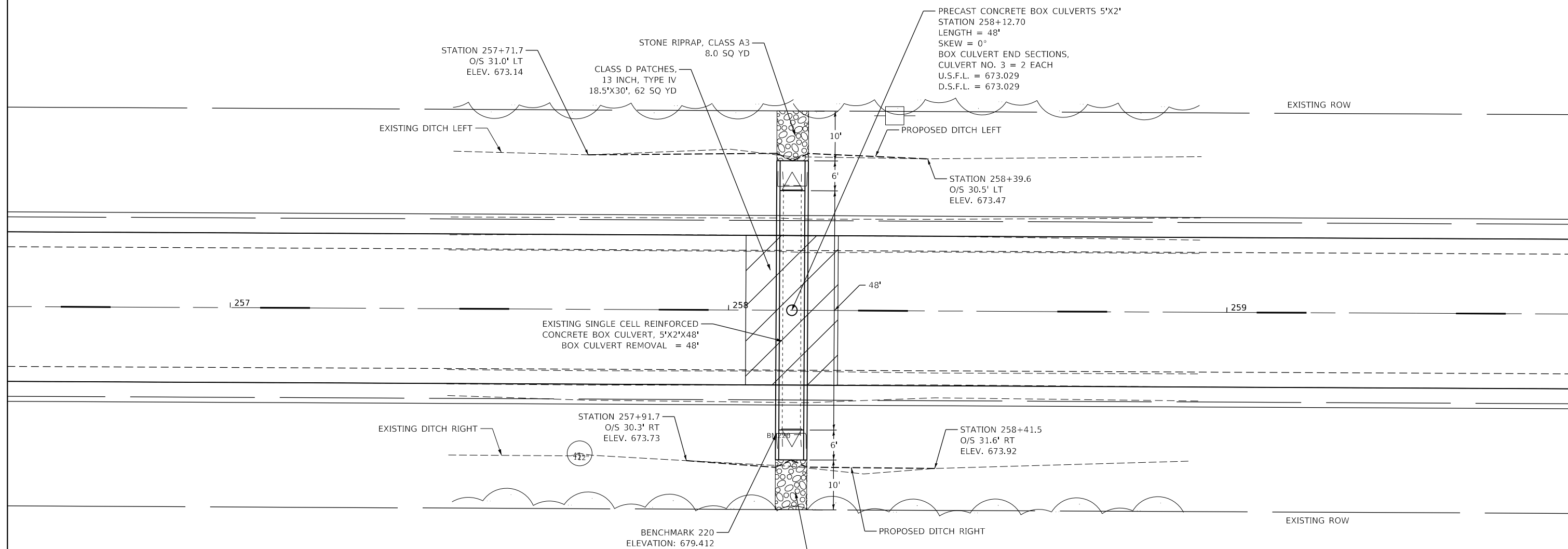
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	107
CONTRACT NO. 74A24				
ILLINOIS		FED. AID PROJECT		

GENERAL NOTES

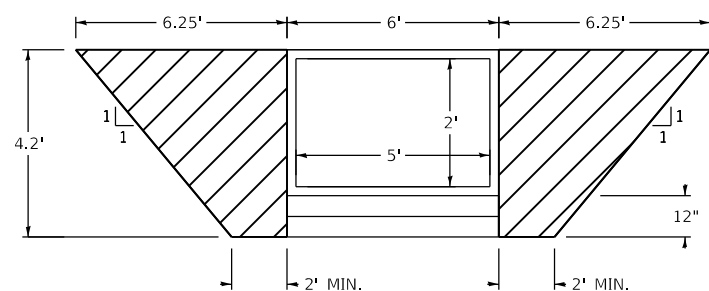
The design fill height for this box is 1.45 ft. The precast box culvert sections shall conform to the requirements of ASTM C 1577.
 Drain holes shall be provided on exterior culvert walls for each precast box segment with a clear rise greater than 3 ft. The drain hole shall be located within 1/3 of the clear rise of the box culvert, shall not intercept the haunch, and shall conform to the requirements of Article 503.11 of the Standard Specification.
 Nonwoven geotextile fabric shall conform to the requirements of Art. 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.
 Precast concrete box culverts and box culvert end sections shall be backfilled with Porous Granular Embankment in the required excavation areas on the sides of the box culvert from the top of the box culvert to the bottom of the box culvert. This area of PGE is included in the Porous Granular Embankment pay item. The 6-inch thick layer of porous granular material required under the precast concrete box culvert, according to Section 540.06 of the standard specifications, shall also apply to the end sections. Cost of this porous granular material will not be paid for separately but shall be included in the unit price of the work for which it is required.



BENCHMARK	STATION	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION
220	258+10.1	24.5' RT O ² C/L	1138372.371	894194.972	675.629	TOP SOUTHWEST CORNER OF THE SOUTH HEADWALL OF EXISTING



TEMPORARY SOIL RETENTION SYSTEM



CULVERT NO. 3 BILL OF MATERIALS			
5'X2' BOX CULVERT - STATION 258+12.7			
20200100	EARTH EXCAVATION	4.0	CU YD
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	48.0	CU YD
20700220	POROUS GRANULAR EMBANKMENT	18.0	CU YD
21400100	GRADING AND SHAPING DITCHES	106.0	FOOT
28100107	STONE RIPRAP, CLASS A3	16.0	SQ YD
28200200	FILTER FABRIC	16.0	SQ YD
50100500	REMOVAL OF EXISTING STRUCTURES NO. 3	1.0	EACH
50200100	STRUCTURE EXCAVATION	52.0	CU YD
52200020	TEMPORARY SOIL RETENTION SYSTEM	35.1	SQ FT
54001003	BOX CULVERT END SECTIONS, CULVERT NO. 3	2.0	EACH
54010502	PRECAST CONCRETE BOX CULVERTS 5'X2'	48.0	FOOT
59100100	GEOCOMPOSITE WALL DRAIN	42.8	SQ YD
66700205	PERMANENT SURVEY MARKER, TYPE I	1.0	EACH
X0900064	MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES	42.8	SQ YD
Z0054505	ROCK-FILL REPLACEMENT	27.0	TON

MODEL NUMBER: MAMTMS
FILE NAME: BTL1E5

USER NAME = SUSERS	DESIGNED - LMH	REVISED -
	DRAWN - LMH	REVISED -
PLOT SCALE = \$SCALES	CHECKED -	REVISED -
PLOT DATE = \$DATES	DATE - \$DATES	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

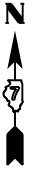
**PRECAST CONCRETE BOX CULVERT
PROPOSED STRUCTURE 5' X 2'**

SCALE: \$SCALES SHEET OF SHEETS STA. TO STA.

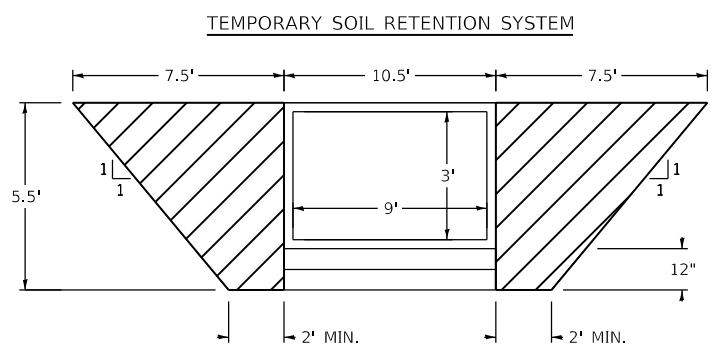
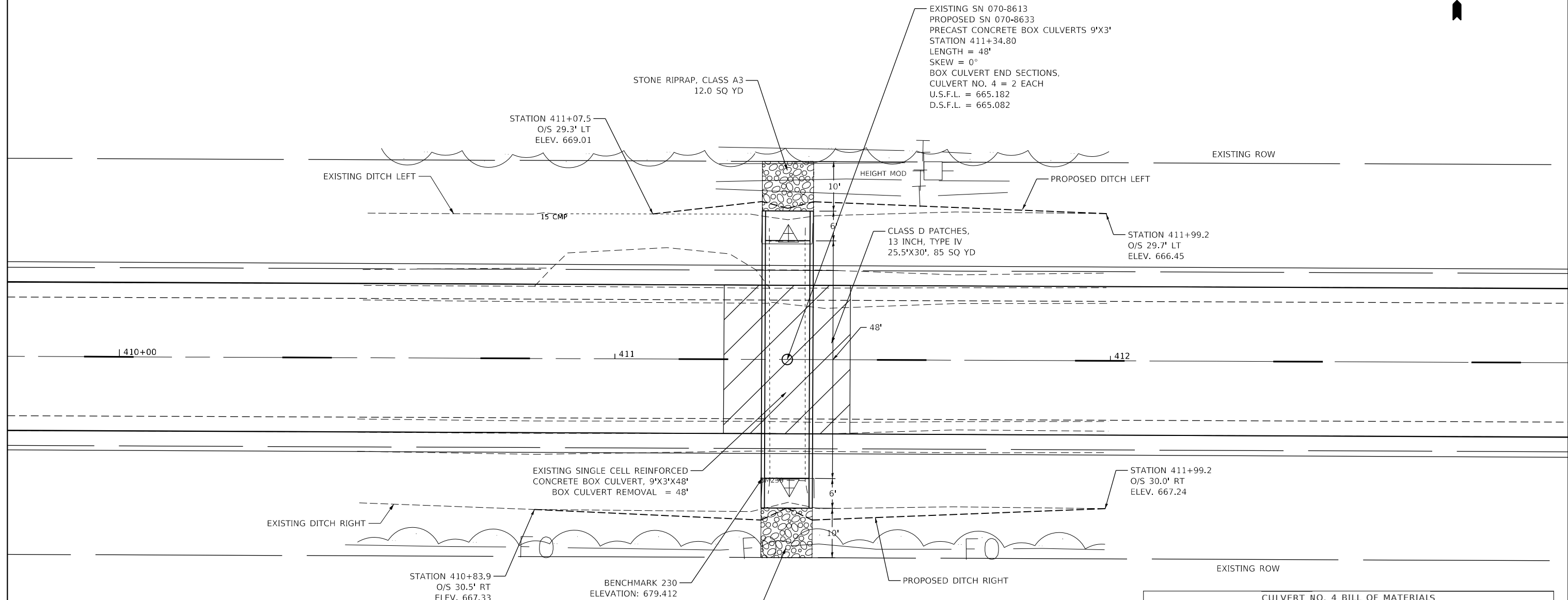
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)R5-4	MOULTRIE	130	108
CONTRACT NO. 74A24				
ILLINOIS		FED. AID PROJECT		

GENERAL NOTES

The design fill height for this box is 1.30 ft. The precast box culvert sections shall conform to the requirements of ASTM C 1577.
 Drain holes shall be provided on exterior culvert walls for each precast box segment with a clear rise greater than 3 ft. The drain hole shall be located within 1/3 of the clear rise of the box culvert, shall not intercept the haunch, and shall conform to the requirements of Article 503.11 of the Standard Specification.
 Nonwoven geotextile fabric shall conform to the requirements of Art. 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.
 Precast concrete box culverts and box culvert end sections shall be backfilled with Porous Granular Embankment in the required excavation areas on the sides of the box culvert from the top of the box culvert to the bottom of the box culvert. This area of PGE is included in the Porous Granular Embankment pay item. The 6-inch thick layer of porous granular material required under the precast concrete box culvert, according to Section 540.06 of the standard specifications, shall also apply to the end sections. Cost of this porous granular material will not be paid for separately but shall be included in the unit price of the work for which it is required.



BENCHMARK	STATION	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION
230	411+31.7	23.8' RT OF C/L	1138286.980	909509.450	668.982	TOP SOUTHWEST BOLT OF THE SOUTH HEADWALL OF EXISTING BOX CULVERT SN 070-8613



CULVERT NO. 4 BILL OF MATERIALS			
EX SN 070-8613 - PR SN 070-8633 - STATION 411+34.8			
20200100	EARTH EXCAVATION	6.0	CU YD
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	69.0	CU YD
20700220	POROUS GRANULAR EMBANKMENT	31.0	CU YD
21400100	GRADING AND SHAPING DITCHES	186.0	FOOT
28100107	STONE RIPRAP, CLASS A3	24.0	SQ YD
28200200	FILTER FABRIC	24.0	SQ YD
50100600	REMOVAL OF EXISTING STRUCTURES NO. 4	1.0	EACH
50200100	STRUCTURE EXCAVATION	80.0	CU YD
52200020	TEMPORARY SOIL RETENTION SYSTEM	52.3	SQ FT
54001004	BOX CULVERT END SECTIONS, CULVERT NO. 4	2.0	EACH
54010903	PRECAST CONCRETE BOX CULVERTS 9'X3'	48.0	FOOT
59100100	GEOCOMPOSITE WALL DRAIN	66.8	SQ YD
66700205	PERMANENT SURVEY MARKER, TYPE I	1.0	EACH
X0900064	MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES	66.8	SQ YD
Z0054505	ROCK-FILL REPLACEMENT	37.0	TON

MODEL NUMBER: MAMTMS
FILE NAME: 811E15

USER NAME = SUSERS	DESIGNED - LMH	REVISED -
PLOT SCALE = SCALES	DRAWN - LMH	REVISED -
PLOT DATE = SDATES	CHECKED -	REVISED -
	DATE - SDATES	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PRECAST CONCRETE BOX CULVERT			
EXISTING SN 070-8613 - PROPOSED SN 070-8633			
SCALE: SCALES	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	109
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74A24	



SOIL BORING LOG

Date 4/27/21

ROUTE FAP 323 (US 36) DESCRIPTION Unnamed Stream LOGGED BY Sandschafer
 SECTION (141,142,143) RS-4 LOCATION S 1/2, SEC. 31, TWP. 16N, RNG. 5E, 3rd PM.
 Latitude N 39.792224, Longitude W 88.679886
 COUNTY Moultrie DRILLING METHOD Hollow stem auger & split spoon HAMMER Auto ETR = 91.8% @ 57.4 bpm

STRUCT. NO.	Station	BORING NO.	Station	Offset	Ground Surface Elev.	(ft)	D E P T H	B L O W S	U C S Qu	M O I S T	Surface Water Elev.			
											(ft)	(%)	Dry	ft
070-8306 (Existing)												Dry	ft	
070-8309 (Proposed)												674.11	ft	
Station 185+09												Groundwater Elev.:		
BORING NO. 1 Southwest												Dry	ft	
Station 184+85												Upon Completion	Dry	ft
Offset 18.0 ft RT												After Filled Hrs.	Unknown	ft
Ground Surface Elev. 679.56 ft														
Aggregate Shoulder												678.56		
CLAY														
Very stiff, moist, dark grey												1		
												3	2.5	19
												3	B	
Stiff														
												-5	2	
												3	1.7	22
												4	B	
672.56														
Medium, moist, brown, SILTY CLAY												1		
												2	0.7	17
												2	B	
670.06														
Very stiff, moist, grey, CLAY Till												-10	3	
												5	3.1	12
												6	B	
Hard														
												2		
												6	4.7	11
												8	B	
												-15	8	
												10	5.8	10
												10	B	
663.56														
Benchmark: BM 200 - Chiseled X on Top Bolt on Northwest Corner Flared End of Box Culvert, SN 070-8306, Sta. 185+00, 34' LT. End of Boring														
-20														

SOIL BORING 070-8306 SOIL 2021.GPJ IL_DOT.GDT 6/8/21

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206), WH-Weight of Hammer.
 BBS, form 137 (Rev. 8-99)



SOIL BORING LOG

Date 4/27/21

ROUTE FAP 323 (US 36) DESCRIPTION Unnamed Stream LOGGED BY Sandschafer
 SECTION (141,142,143) RS-4 LOCATION S 1/2, SEC. 31, TWP. 16N, RNG. 5E, 3rd PM.
 Latitude N 39.792308, Longitude W 88.679767
 COUNTY Moultrie DRILLING METHOD Hollow stem auger & split spoon HAMMER Auto ETR = 91.8% @ 57.4 bpm

STRUCT. NO.	Station	BORING NO.	Station	Offset	Ground Surface Elev.	(ft)	D E P T H	B L O W S	U C S Qu	M O I S T	Surface Water Elev.				
											(ft)	(%)	Dry	ft	
070-8306 (Existing)												Dry	ft		
070-8309 (Proposed)												674.11	ft		
Station 185+09												Groundwater Elev.:			
BORING NO. 2 Northeast												669.9	ft		
Station 185+30												Upon Completion	666.4	ft	
Offset 18.0 ft LT												After Filled Hrs.	Unknown	ft	
Ground Surface Elev. 679.44 ft															
Aggregate Shoulder												678.44			
CLAY															
Stiff, moist, grey												2			
												3	1.2	22	
												4	B		
												-5	2		
												3	1.7	25	
												3	B		
669.9															
Very soft, wet, grey, SILTY LOAM												-10	WH		
													WH	0.1	32
												1	B		
Brown, 2" rock stuck in sampler															
												6	0.1	26	
												8	B		
666.14															
CLAY Till															
												-15	2		
												7	3.7	11	
												8	B		
663.44															
Very stiff, moist, grey															
Benchmark: BM 200 - Chiseled X on Top Bolt on Northwest Corner Flared End of Box Culvert, SN 070-8306, Sta. 185+00, 34' LT. End of Boring															
-20															

SOIL BORING 070-8306 SOIL 2021.GPJ IL_DOT.GDT 6/8/21

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206), WH-Weight of Hammer.
 BBS, form 137 (Rev. 8-99)

MODEL: Default
FILE: B:\MIE_Plan\Bldg\paw_becde\paw.com\PIV\DOT\Documents\DOT_Offices\Director_7\Projects\7462\ICAD\Bldg\CAD\Project\DOT7462\paw_becde\Bldg1.dgn

USER NAME = stefenmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	REVISED -	
PLOT SCALE = 40,0000 */ in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -

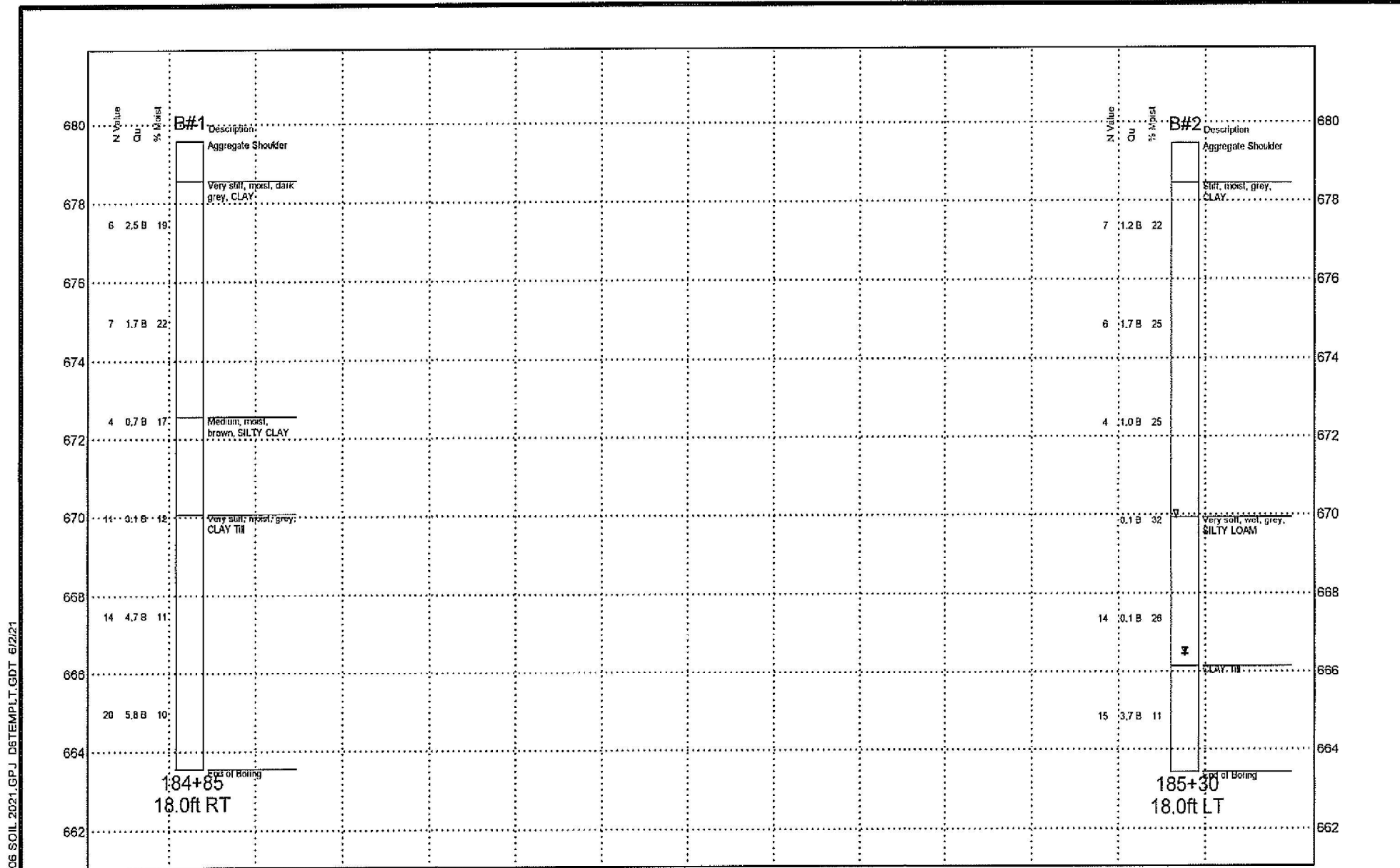
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS

SCALE: NO SCALE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141, 142, 143)RS-4	MOULTRIE	130	110
			CONTRACT NO. 74A24	
ILLINOIS FED. AID PROJECT				

Structure Number 070-8306 (Existing) 070-8309 (Proposed) Unnamed Stream
 Located in the S 1/2 of Section 31, Township 16N, Range 5E of the 3 P.M.



SUBSURFACE DATA PROFILE 070-8306 SOIL 2021.GPJ DSTEMPLT.GDT 6/2/21

SUBSURFACE DATA PROFILE 070-8306 SOIL 2021.GPJ DSTEMPLT.GDT 6/2/21

NOT TO HORIZONTAL SCALE

VARIATIONS IN SUBSURFACE
 CONDITIONS MAY EXIST
 BETWEEN BORINGS

SUBSURFACE DATA PROFILE

Route: FAP 323 (US 36)
 Section: (141, 142, 143) RS-4
 County: Moultrie



**Illinois Department
 of Transportation**
 Division of Highways
 Illinois Department of Transportation

Groundwater
 First Encounter
 Completion
 after (refer to log) hours
 Abbreviations
 WOH - Sampler Advanced by Weight
 of Hammer, WOP - Weight of Pipe
 B.S. - Before Sealing

MODEL: Default
 FILE: M:\MIS_Plan\Subsect-cw-bead-fay.com\PIV\DOT\Documents\DOT_Offices\Director_7\Projects\7424\ICAD\DATA\CAD\Sheet\077424\Subsect-Mon1.dgn

USER NAME = stefenmk	DESIGNED - LMH	REVISED -
	DRAWN - LMH	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SOIL BORING LOGS

SCALE: NO SCALE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141, 142, 143)RS-4	MOULTRIE	130	111
CONTRACT NO. 74A24				
ILLINOIS FED. AID PROJECT				



SOIL BORING LOG

Date 5/11/21

ROUTE FAP 323 (US 36) DESCRIPTION Unnamed Stream LOGGED BY Sandschafer
 SECTION (141,142,143) RS-4 LOCATION SW 1/4, SEC. 32, TWP. 16N, RNG. 5E, 3rd PM.
Latitude N 39.792238, Longitude W 88.662692
 COUNTY Moultrie DRILLING METHOD Hollow stem auger & split spoon HAMMER Auto ETR = 91.8% @ 57.4 bpm

STRUCT. NO. Station	BORING NO. Station	GROUND SURFACE ELEV. ft	DEPTH ft	BLOW COUNT (/6")	UNIFORM CROSS SECTION (tsf)	MOISTURE CONTENT (%)	SOIL DESCRIPTION	SURFACE WATER ELEV. ft	STREAM BED ELEV. ft	GROUNDWATER ELEV.: First Encounter Upon Completion After 24 Hrs.	DEPTH ft	BLOW COUNT (/6")	UNIFORM CROSS SECTION (tsf)	MOISTURE CONTENT (%)
070-8612 (Existing) 070-8632 (Proposed) 233+51	1 Southwest 233+24	680.72						Dry	677.16					
							Aggregate Shoulder							
							CLAY							
							Stiff, moist, dark grey/black							
							Dark grey							
							Soft, moist, tan and grey marbled, SILTY LOAM							
							Very soft, wet, grey							
							Very stiff, moist, grey, SANDY CLAY LOAM							
							Very soft to soft, moist, grey, SILTY LOAM							
							Soft, moist, grey, LOAM							

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206), WH-Weight of Hammer.
 BBS, form 137 (Rev. 8-99)



SOIL BORING LOG

Date 5/11/21

ROUTE FAP 323 (US 36) DESCRIPTION Unnamed Stream LOGGED BY Sandschafer
 SECTION (141,142,143) RS-4 LOCATION SW 1/4, SEC. 32, TWP. 16N, RNG. 5E, 3rd PM.
Latitude N 39.792319, Longitude W 88.662532
 COUNTY Moultrie DRILLING METHOD Hollow stem auger & split spoon HAMMER Auto ETR = 91.8% @ 57.4 bpm

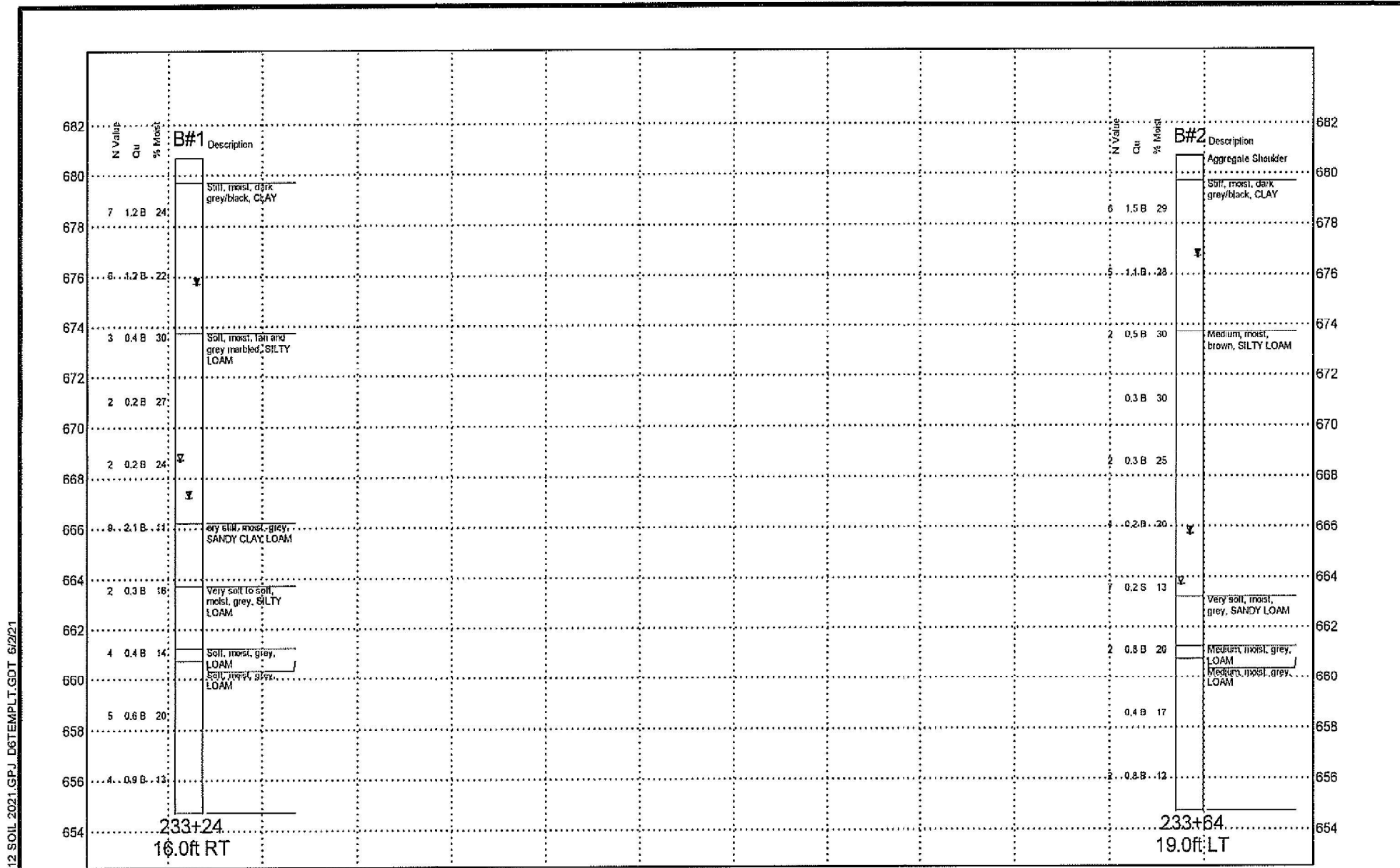
STRUCT. NO. Station	BORING NO. Station	GROUND SURFACE ELEV. ft	DEPTH ft	BLOW COUNT (/6")	UNIFORM CROSS SECTION (tsf)	MOISTURE CONTENT (%)	SOIL DESCRIPTION	SURFACE WATER ELEV. ft	STREAM BED ELEV. ft	GROUNDWATER ELEV.: First Encounter Upon Completion After 24 Hrs.	DEPTH ft	BLOW COUNT (/6")	UNIFORM CROSS SECTION (tsf)	MOISTURE CONTENT (%)
070-8612 (Existing) 070-8632 (Proposed) 233+51	2 Northeast 233+64	680.72						Dry	677.16					
							Aggregate Shoulder							
							CLAY							
							Stiff, moist, dark grey/black							
							Dark grey							
							Medium, moist, brown, SILTY LOAM							
							Very soft-soft,							
							Grey							
							Very soft, moist, grey, SANDY LOAM							
							Medium, moist, grey, LOAM							

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206), WH-Weight of Hammer.
 BBS, form 137 (Rev. 8-99)

MODEL: Default
 FILE: \\MAILSrv\pub\ludect-pw\benefit.com\PI\DOT\Documents\DOT Office\Director_T\Projects\7424\ICADD\DATA\CADD\Sheet\070-8632\070-8632.dgn

USER NAME = steffnmk	DESIGNED - LMH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL BORING LOGS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
DRAWN - LMH	CHECKED -	REVISED -		SCALE: NO SCALE	SHEET	OF	SHEETS	STA.	TO STA.	323	(141, 142, 143)RS-4	MOUTRIE	130	112
PLOT SCALE = 40,0000 */ in.	DATE - 4/18/2022	REVISED -						CONTRACT NO. 74A24						
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -						ILLINOIS FED. AID PROJECT						

Structure Number 070-8612 (Existing) 070-8632 (Proposed) Unnamed Stream
 Located in the SW 1/4 of Section 32, Township 16N, Range 5E of the 3 P.M.



SUBSURFACE DATA PROFILE 070-8612 SOIL 2021.GPJ D6TEMP.LT.GDT 6/2/21

SUBSURFACE DATA PROFILE 070-8612 SOIL 2021.GPJ D6TEMP.LT.GDT 6/2/21

NOT TO HORIZONTAL SCALE

VARIATIONS IN SUBSURFACE CONDITIONS MAY EXIST BETWEEN BORINGS

SUBSURFACE DATA PROFILE

Route: FAP 323 (US 36)
 Section: (141,142,143) RS-4
 County: Moultrie



Groundwater
 First Encounter
 Completion
 after (refer to log) hours

Abbreviations
 WOH - Sampler Advanced by Weight of Hammer, WOP - Weight of Pipe
 B.S. - Before Sealing

MODEL: Default
 FILE: M:\MIS_P\Subsect-aw-beadley.com\PIV\DOT\Documents\DOT Office\Director 7\Projects\7462\ICAD\DATA\CAD\Sheet\07746244-Subsect-Moultrie.dgn

USER NAME = stefenmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	REVISIONS -	
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE: NO SCALE		SHEET		OF SHEETS		STA.		TO STA.	
-----------------	--	-------	--	-----------	--	------	--	---------	--

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141, 142, 143)RS-4	MOULTRIE	130	113
CONTRACT NO. 74A24				
ILLINOIS FED. AID PROJECT				



SOIL BORING LOG

Date 5/11/21

ROUTE FAP 323 (US 36) DESCRIPTION Unnamed Stream LOGGED BY Sandschafer

SECTION (141, 142, 143) RS-4 LOCATION SE 1/4, SEC. 35, TWP. 16N, RNG. 5E, 3rd PM,

Latitude W -88.599412, Longitude N 39.792080

COUNTY Moultrie DRILLING METHOD Hollow stem auger & split spoon HAMMER Auto ETR = 91.8% @ 57.4 bpm

STRUCT. NO. 070-8613 (Existing)
 Station 070-8633 (Proposed)
411+37

BORING NO. 1 Southwest
 Station 411+14
 Offset 16.0 ft RT
 Ground Surface Elev. 669.81 ft

DEPTH	BLOWS	UCS	M O I S T	DESCRIPTION	DEPTH	BLOWS	UCS	M O I S T
(ft)	(/ft)	(tsf)	(%)		(ft)	(/ft)	(tsf)	(%)

DEPTH	BLOWS	UCS	M O I S T	DESCRIPTION	DEPTH	BLOWS	UCS	M O I S T
(ft)	(/ft)	(tsf)	(%)		(ft)	(/ft)	(tsf)	(%)
668.81				Aggregate Shoulder	668.81	2	0.6	22
				CLAY				
	2			Very stiff, moist, brown		1		
	3	2.5	23			3	2.3	13
	4	P				4	B	
665.31				Medium, moist, brown, SILTY CLAY				
	-5	1				-25	8	
	3	0.7	25			28	0.8	14
				Medium, moist, grey, SANDY LOAM				
	2	B				36	B	
	1							
	3	0.9	18	Benchmark: BM 230 - Chiseled X in Top Bolt of Flared End Gate at South End Box Culvert, SN 070-8613, Sta. 411+35, 23' RT End of Boring				
	3	B						
	WH							
	-10	2	0.9	20		-30		
	3	B						
657.81				Stiff, moist, grey, SILTY LOAM				
	1							
	2	1.1	22					
	3	B						
654.81				Soft, moist, grey, SANDY LOAM				
	3							
	5	0.3	24					
	6	B						
	2			Medium (Washed)				
	8	0.9	14					
	6	B						
650.31				Medium, moist, grey, SILTY LOAM				
	2							

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206), WH-Weight of Hammer.

BBS, form 137 (Rev. 8-99)



SOIL BORING LOG

Date 5/11/21

ROUTE FAP 323 (US 36) DESCRIPTION Unnamed Stream LOGGED BY Sandschafer

SECTION (141, 142, 143) RS-4 LOCATION SE 1/4, SEC. 35, TWP. 16N, RNG. 5E, 3rd PM,

Latitude W -88.599222, Longitude N 39.792215

COUNTY Moultrie DRILLING METHOD Hollow stem auger & split spoon HAMMER Auto ETR = 91.8% @ 57.4 bpm

STRUCT. NO. 070-8613 (Existing)
 Station 070-8633 (Proposed)
411+37

BORING NO. 2 Northeast
 Station 411+57
 Offset 19.0 ft LT
 Ground Surface Elev. 669.75 ft

DEPTH	BLOWS	UCS	M O I S T	DESCRIPTION	DEPTH	BLOWS	UCS	M O I S T
(ft)	(/ft)	(tsf)	(%)		(ft)	(/ft)	(tsf)	(%)

DEPTH	BLOWS	UCS	M O I S T	DESCRIPTION	DEPTH	BLOWS	UCS	M O I S T
(ft)	(/ft)	(tsf)	(%)		(ft)	(/ft)	(tsf)	(%)
668.75				Aggregate Shoulder	648.75	6	3.5	12
				CLAY				
	2			Very stiff, moist, grey/black		8	B	
	3	2.5	27					
	5	P						
665.25				Stiff, moist, brown, CLAY with SILT				
	-5	1						
	2	1.2	25					
				WH				
	2	1.4	19					
	3	B						
660.25				Soft, moist, brown, SILTY LOAM				
	-10	WH						
	1	0.3	30					
	2	B						
657.75				Very soft, moist, brown, SANDY LOAM				
	3							
	6	0.2	17					
	7	S						
655.25				Very stiff, moist, grey, SANDY CLAY Till				
	-15	3						
	5	3.7	15					
	8	B						
652.75				Very stiff, moist, grey, CLAY Till				
	5							
	7	3.3	12					
	7	B						
649.75								
	4							

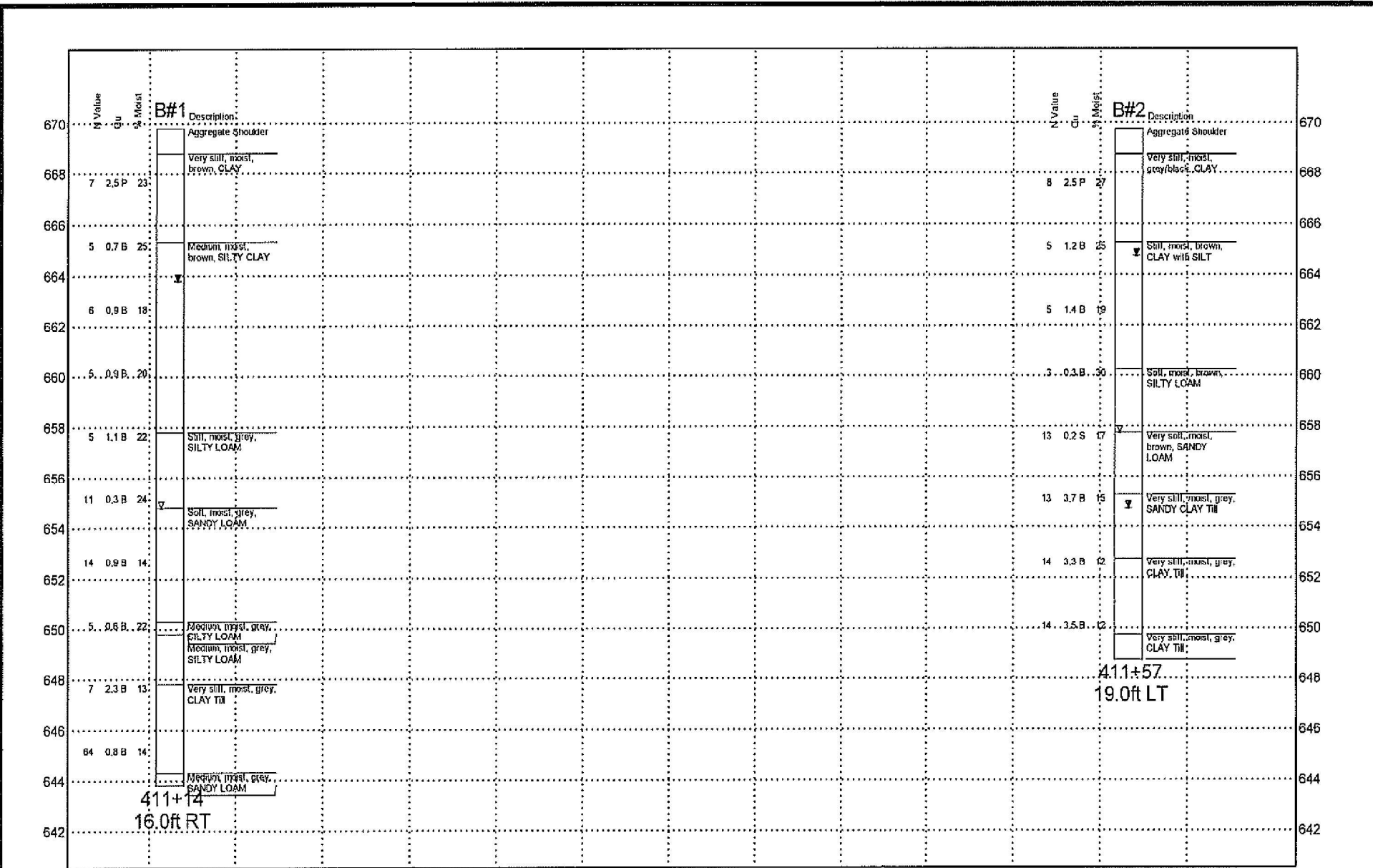
The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206), WH-Weight of Hammer.

BBS, form 137 (Rev. 8-99)

MODEL: Default
 FILE: M:\MFC_Plan\BoreholeDraw.bch
 USER: P:\W\DOT\Documents\DOT Office\Drawings\Project\Drawings\CAD\BoreholeDraw\DOT7424-1.dgn
 PROJECT: 7424-1\CADD\Drawings\CAD\BoreholeDraw\DOT7424-1.dgn
 SOIL BORING 070-8613 SOIL 2021.GPJ IL_DOT.GDT 6/8/21

USER NAME = stefenmk	DESIGNED - LMH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL BORING LOGS	F.A.P. RTE. 323	SECTION (141, 142, 143)RS-4	COUNTY MOULTRIE	TOTAL SHEETS 130	SHEET NO. 114		
DRAWN - LMH	CHECKED -	REVISED -			SCALE: NO SCALE	SHEET OF SHEETS	STA. TO STA.	CONTRACT NO. 7424			
PLOT SCALE = 40,0000 * / in.	DATE - 4/18/2022	REVISED -			ILLINOIS FED. AID PROJECT						
PLOT DATE = 4/18/2022											

Structure Number 070-8613 (Existing) 070-8633 (Proposed) Unnamed Stream
 Located in the SE 1/4 of Section 35, Township 16N, Range 5E of the 3 P.M.



SUBSURFACE DATA PROFILE 070-8613 SOIL 2021.GPJ D6TEMPLT.GDT 6/4/21

SUBSURFACE DATA PROFILE 070-8613 SOIL 2021.GPJ D6TEMPLT.GDT 6/4/21

NOT TO HORIZONTAL SCALE

VARIATIONS IN SUBSURFACE
 CONDITIONS MAY EXIST
 BETWEEN BORINGS

SUBSURFACE DATA PROFILE

Route: FAP 323 (US 36)
 Section: (141, 142, 143) RS-4
 County: Moultrie



Groundwater
 X First Encounter
 Y Completion
 Z after (refer to log) hours

Abbreviations
 WOH - Sampler Advanced by Weight of Hammer, WOP - Weight of Pipe
 B.S. - Before Seating

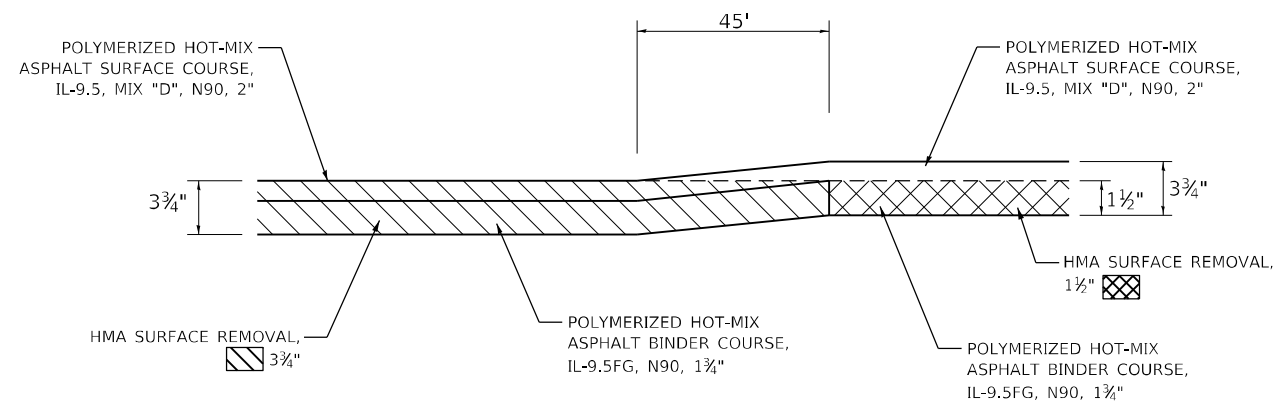
MODEL: Default
 FILE: M:\MIS_Plan\Subsect-aw-beadefy.com\FW\DOT\Documents\DOT Office\Director_T\Projects\7462\ICAD\B3\CAD\Sheet\DOT7462\4-18-22\Borings.dgn

USER NAME = stefenmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	REVISED -	
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

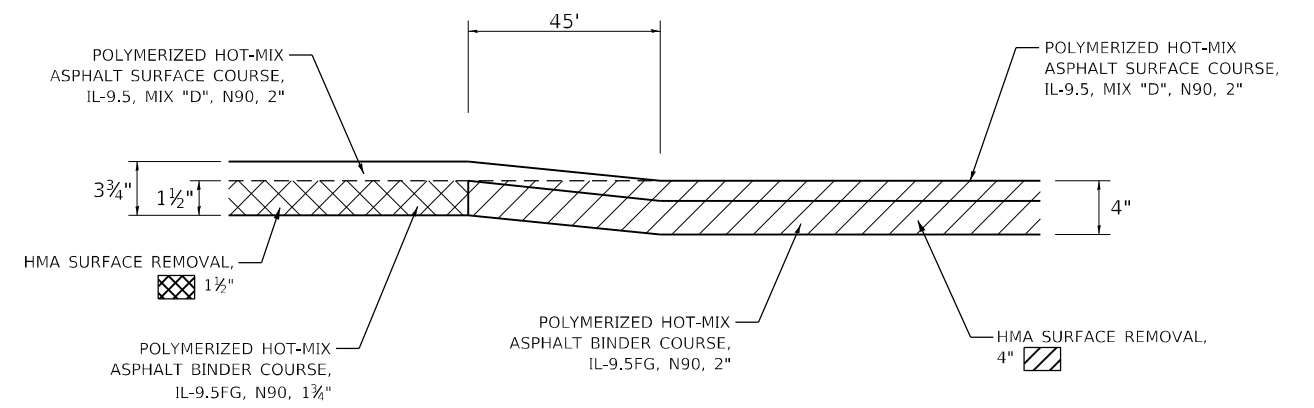
SCALE: NO SCALE		SHEET	OF	SHEETS	STA.	TO	STA.
-----------------	--	-------	----	--------	------	----	------

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141, 142, 143)RS-4	MOULTRIE	130	115
CONTRACT NO. 74A24				
ILLINOIS FED. AID PROJECT				



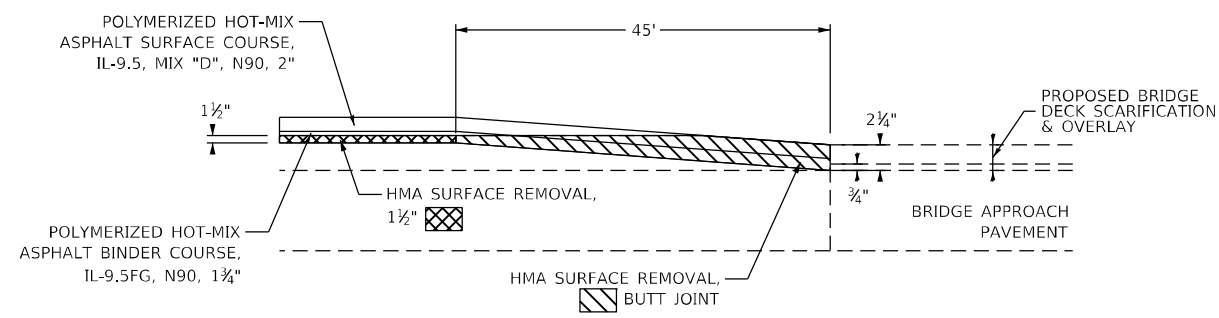
MILLING TRANSITION DETAIL

STA. 68+86.00 TO STA. 69+01.00
 STA. 73+00.00 TO STA. 73+15.00



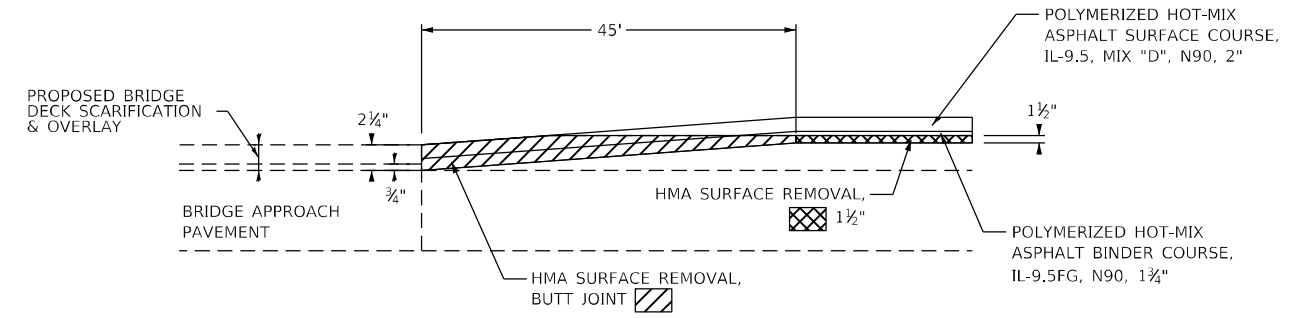
MILLING TRANSITION DETAIL

STA. 565+19.40 TO STA. 565+34.40
 STA. 565+96.60 TO STA. 566+11.60



BUTT JOINT DETAIL

STA. 136+14.75 TO STA. 136+44.75
 STA. 304+59.11 TO STA. 304+89.11
 STA. 477+02.42 TO STA. 477+32.40



BUTT JOINT DETAIL

STA. 138+15.25 TO STA. 138+45.25
 STA. 305+76.90 TO STA. 306+06.90
 STA. 478+04.58 TO STA. 478+34.58

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS PAVING DETAILS

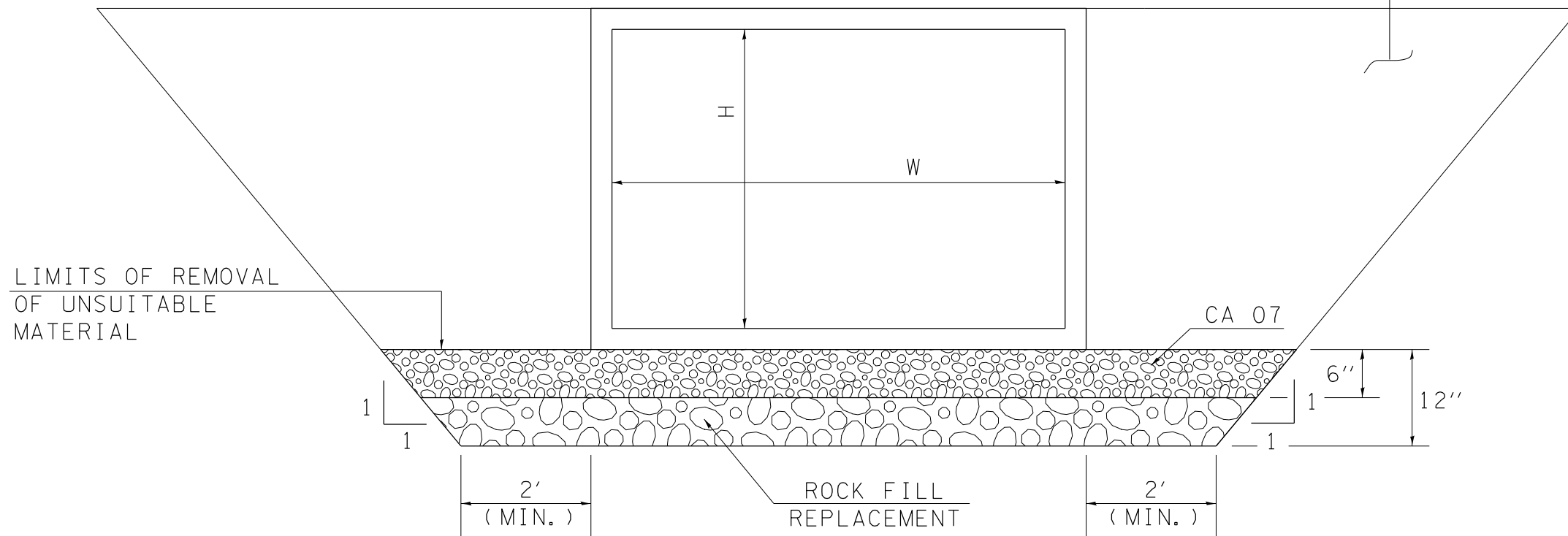
USER NAME = stefnkmk	DESIGNED - LMH	REVISED -
	DRAWN - LMH	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -

SCALE: NO SCALE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	116
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74A24	

MODEL: Default
 FILE: 323RS-4_141,142,143RS-4.dwg
 PROJECT: 74A24
 DRAWING: 74A24-MISCELLANEOUS PAVING DETAILS

POROUS GRANULAR BACKFILL WITHIN LIMITS OF PROPOSED ROADWAY AND PAVED SHOULDERS. OUTSIDE LIMITS OF PAVED SHOULDERS THE CULVERT SHALL BE BACKFILLED IN ACCORDANCE WITH SECTION 502 OF THE STANDARD SPECIFICATIONS.



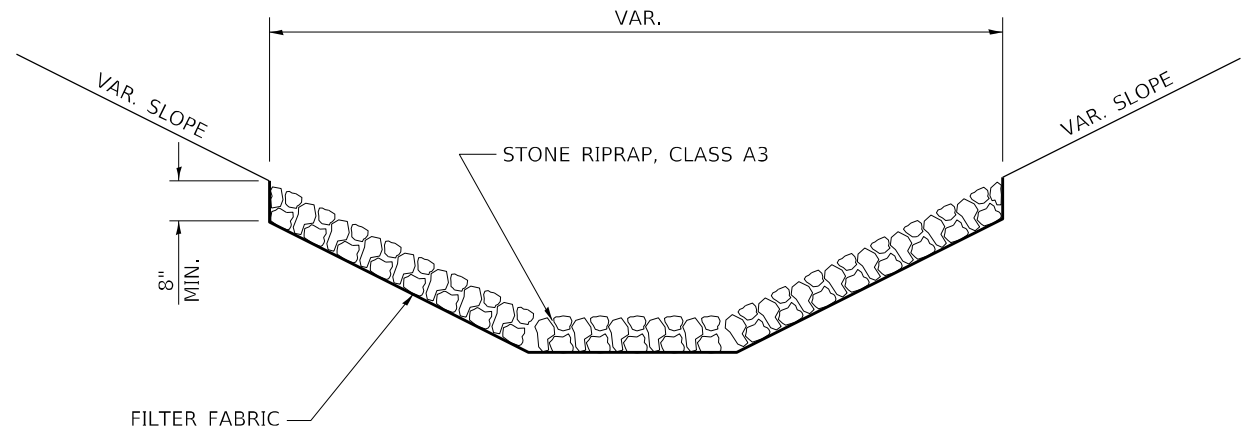
NOTE:
THE COST OF THE CA 07 PLACE UNDER THE NEW BOX CULVERT EXTENSION AS SHOWN ABOVE SHALL BE INCLUDED IN THE COST OF PRECAST CONCRETE BOX CULVERT.

NOTE:
THE LIMITS AND QUANTITIES SHOWN ARE ESTIMATED. THE FINAL DEPTH OF UNDERCUT WILL BE DETERMINED BY THE ENGINEER AT THE TIME OF CONSTRUCTION.

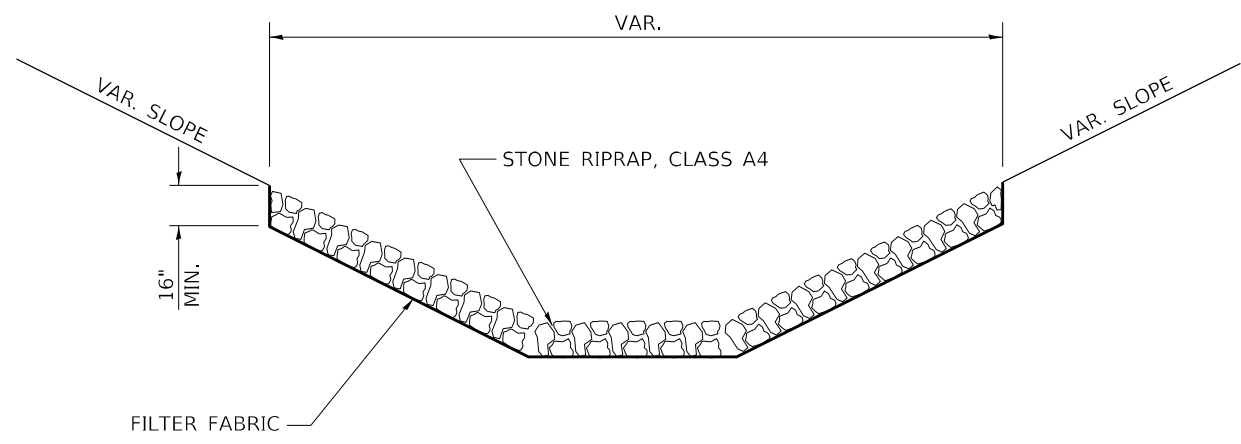
CULVERT UNDERCUT DETAIL

MODEL: Default
FILE: \\mlls-pw-bentley.com\PW\DOT\Documents\DOT Office\Dir\dr. 7\Projects\74A24\CADD\Drawings\CAD\Sheet\74A24-1-117.dwg

USER NAME = steffenmk	DESIGNED - LMH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CULVERT UNDERCUT DETAIL				F.A.P. RTE. 323	SECTION (141,142,143)RS-4	COUNTY MOULTRIE	TOTAL SHEETS 130	SHEET NO. 117
PLOT SCALE = 100,0000' / in.	DRAWN - LMH	REVISED -		SCALE: NO SCALE	SHEET	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 74A24		
PLOT DATE = 4/18/2022	CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT								
	DATE - 4/18/2022	REVISED -										



DETAIL OF RIPRAP, CLASS A3



DETAIL OF RIPRAP, CLASS A4

MODEL: Default
 FILE: \\mupc-pw-bentley.com\PW\DOT\Documents\DOT Office\Dir\drf\74A24\CADD\Drawings\CAD\Sheet\74A24-143-4-118.dwg

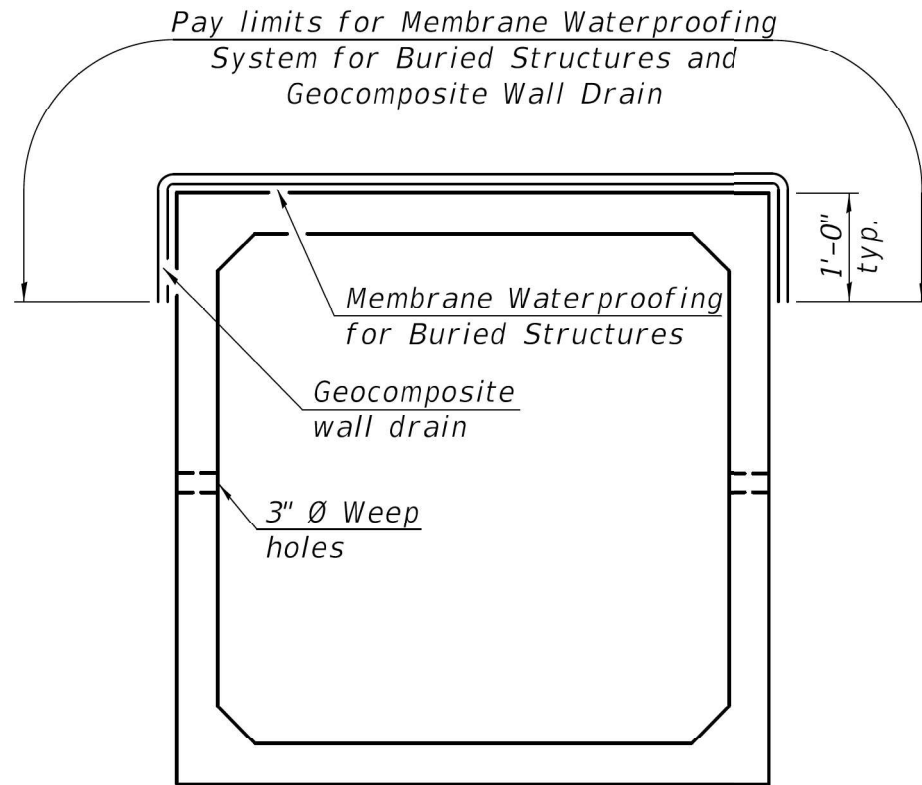
USER NAME = steffenmk	DESIGNED - LMH	REVISED -
	DRAWN - LMH	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIPRAP DETAILS

SCALE: NO SCALE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	118
CONTRACT NO. 74A24			ILLINOIS FED. AID PROJECT	



**PRECAST CONCRETE
BOX CULVERT**

Fill Height \leq 3 ft.
For fill heights > 3 ft., omit Membrane
Waterproofing System for Buried Structures
and Geocomposite Wall Drain.

Note:
Geocomposite Wall Drain shall be
according to Section 591 of the Standard
Specifications, except that concrete nails
shall not be used in areas where it
overlaps Membrane Waterproofing
System for Buried Structures.

MODEL: Default
 FILE: M:\MFC_Plan\Subect-pw-bead-fy.com\PIV\DOT\Documents\DOT_offices\Dir\dr. 7\Project\74A24\CAD\DATA\CAD\Sheet\74A24-Left-bead-fy.dgn

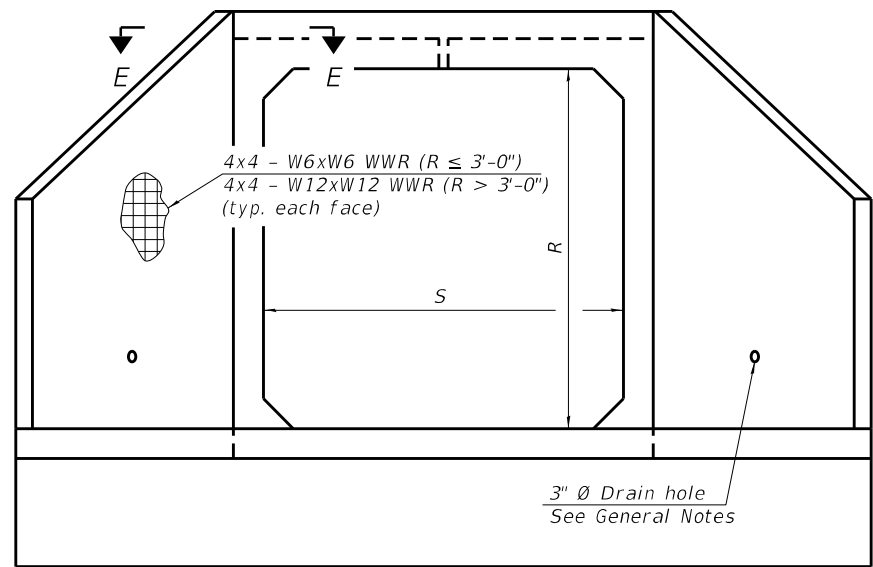
USER NAME = steffenmk	DESIGNED - LMH	REVISED -
	DRAWN - LMH	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE - 4/18/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

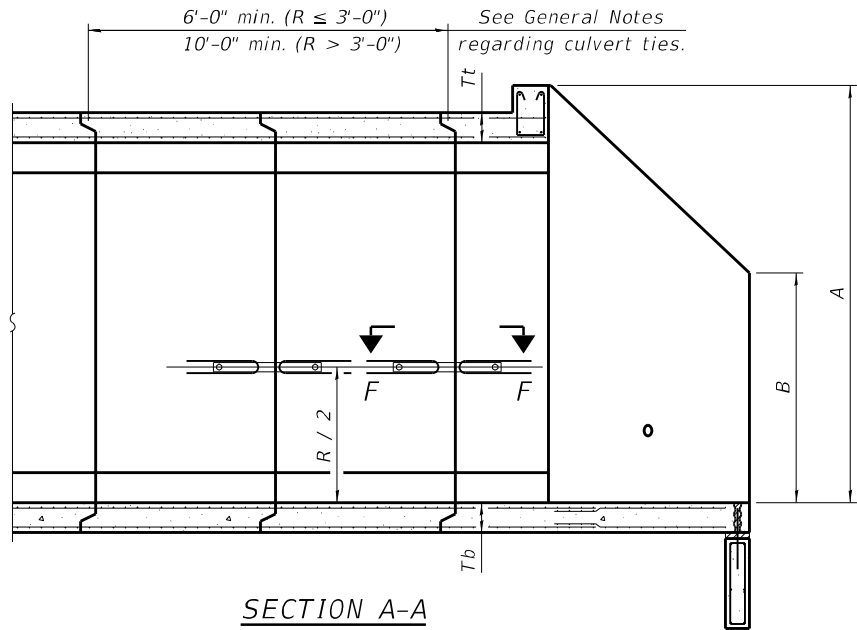
**PRECAST CONCRETE BOX CULVERT
MEMBRANE WATERPROOFING**

SCALE: NO SCALE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	119
CONTRACT NO. 74A24			ILLINOIS FED. AID PROJECT	



END VIEW



SECTION A-A

GENERAL NOTES

Box Culvert End Sections shall be constructed according to the requirements of Section 540 of the Standard Specifications except as modified herein. End sections will be paid for at the contract unit price per each for Box Culvert End Sections.

The Contractor may furnish the end section as a single precast concrete piece or construct the end section in the field using cast-in-place (CIP) construction. For CIP construction, the bottom slab thickness shall be increased by 2" and the clear cover to the bottom mat of reinforcement shall be increased to 3".

Box section dimensions, materials, and reinforcement details for Box Culvert End Sections shall be according to the requirements for ASTM C 1577 as required for the design of the portion of the culvert within the limits of Precast Concrete Box Culverts except as modified herein.

The number of culvert ties shall be sufficient to engage the minimum length of culvert barrel shown within the pay limits for Precast Concrete Box Culverts and will be dependent upon the length of box culvert segments furnished by the Contractor. Culvert ties are not required for box culverts having a rise (R) less than or equal to 3 ft and a span (S) greater than or equal to 10 ft.

All costs associated with furnishing and installing or constructing the toewall and culvert ties will not be measured for payment but shall be included in the unit price for Box Culvert End Sections of the culvert number specified.

Shop drawings that detail slab thickness and reinforcement layout for the Box Culvert End Sections shall be provided to the Engineer for review and approval. Reinforcement bars not detailed herein shall be detailed with a clear distance at the end of the reinforcement not less than 1/2" nor more than 2". For the precast option, it shall be the Contractor's responsibility for determining a method of handling and a construction procedure shall be included in the shop drawings. The Contractor shall determine and detail in the shop drawings any necessary strengthening or stiffening provisions necessary to handle the precast segment. Any required modifications shall be at no extra charge.

The Contractor may use reinforcement bars in lieu of welded wire reinforcement (WWR). Reinforcement bars shall be limited to the sizes of #3 through #5 bars, a maximum spacing of the lesser of 8" or the member thickness, and shall result in an area of reinforcement equal to or greater than that provided by the WWR. Minimum lap lengths detailed herein are applicable to WWR and reinforcement bars.

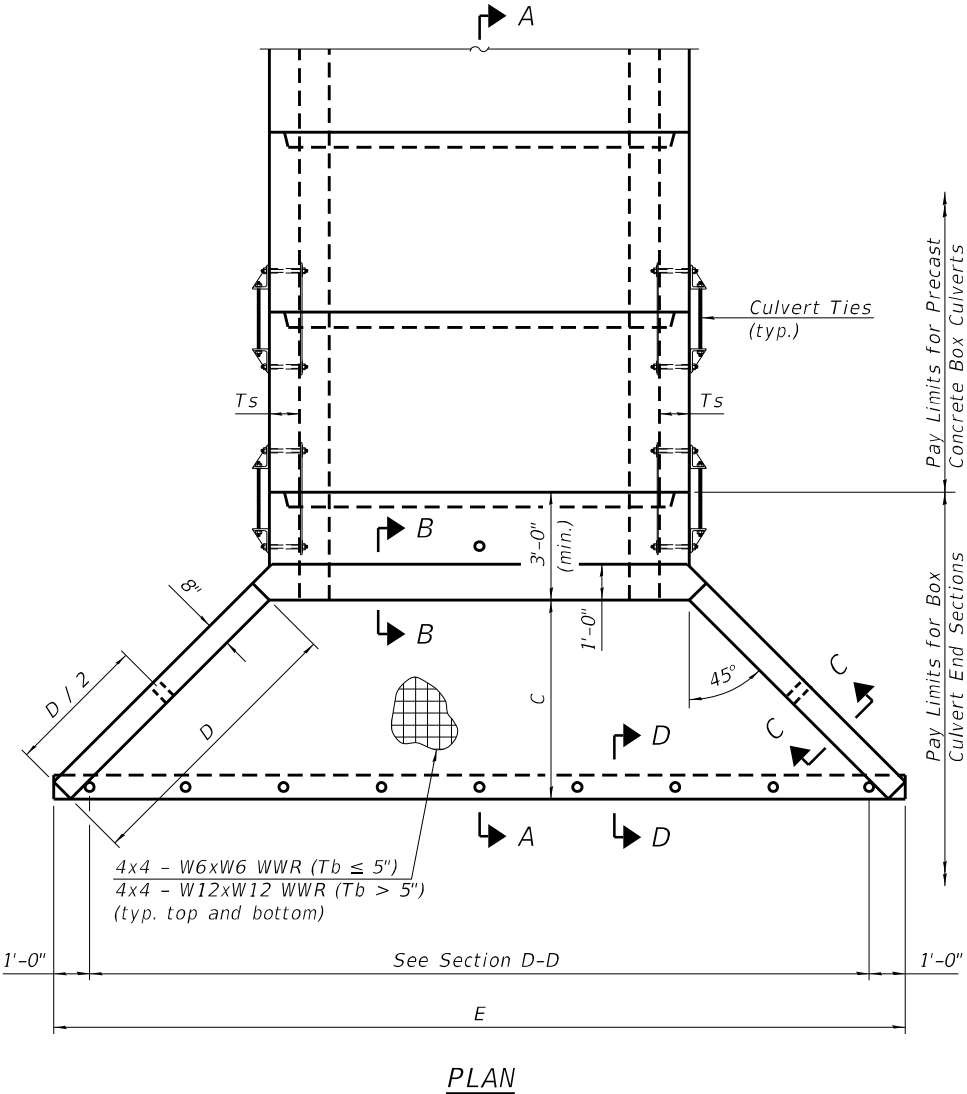
Reinforcement (circumferential and longitudinal) in the culvert barrel portion of the end section being lapped with reinforcement from the wingwalls or bottom slab of the end section shall not be less than that required by ASTM C 1577 for the design fill height or the reinforcement detailed for the end section, whichever is greater.

One drain hole shall be provided in each wingwall for end sections of box culverts having an opening with a clear rise greater than 3 ft. The drain hole shall be located within the lower 1/3 of the clear rise of the box culvert and shall conform to the requirements of Article 503.11 of the Standard Specifications.

APRON END SECTION DIMENSIONS

Span (S)	Rise (R)	Tt	Tb	Ts	A	B	C	D	E	Concrete Cu. Yd.	Culvert Ties Required
3'-0"	2'-0"	7"	6"	4"	3'-4"	2'-2"	2'-10 5/8"	4'-1"	10'-4 5/8"	2.8	Yes
3'-0"	2'-0"	4"	4"	4"	3'-1"	2'-1"	2'-7 1/8"	3'-9"	9'-11"	2.3	Yes
3'-0"	3'-0"	7"	6"	4"	4'-4"	2'-8"	3'-10 5/8"	5'-6"	12'-4 5/8"	3.7	Yes
3'-0"	3'-0"	4"	4"	4"	4'-1"	2'-7"	3'-7 1/8"	5'-2"	11'-11"	3.1	Yes
4'-0"	2'-0"	7.5"	6"	5"	3'-4 1/2"	2'-2 1/2"	2'-11 3/8"	4'-2"	11'-8"	3.3	Yes
4'-0"	2'-0"	5"	5"	5"	3'-2"	2'-1"	2'-8 1/2"	3'-10"	11'-2 3/8"	2.8	Yes
4'-0"	3'-0"	7.5"	6"	5"	4'-4 1/2"	2'-8 1/2"	3'-11 3/8"	5'-7"	13'-8 1/8"	4.2	Yes
4'-0"	3'-0"	5"	5"	5"	4'-2"	2'-7"	3'-8 1/2"	5'-3"	13'-2 3/8"	3.7	Yes
4'-0"	4'-0"	7.5"	6"	5"	5'-4 1/2"	3'-2 1/2"	4'-11 3/8"	7'-0"	15'-8 1/8"	5.3	Yes
4'-0"	4'-0"	5"	5"	5"	5'-2"	3'-1"	4'-8 3/8"	6'-8"	15'-2 1/2"	4.7	Yes
5'-0"	2'-0"	8"	7"	6"	3'-5"	2'-3"	2'-11 3/8"	4'-2"	12'-10"	3.9	Yes
5'-0"	2'-0"	6"	6"	6"	3'-3"	2'-2"	2'-10"	4'-0"	12'-7 1/4"	3.5	Yes
5'-0"	3'-0"	8"	7"	6"	4'-5"	2'-9"	3'-11 3/8"	5'-7"	14'-10 1/8"	4.9	Yes
5'-0"	3'-0"	6"	6"	6"	4'-3"	2'-8"	3'-10"	5'-5"	14'-7 1/4"	4.5	Yes
5'-0"	4'-0"	8"	7"	6"	5'-5"	3'-3"	4'-11 3/8"	7'-0"	16'-10 1/8"	6.1	Yes
5'-0"	4'-0"	6"	6"	6"	5'-3"	3'-2"	4'-9 1/4"	6'-9"	16'-5 7/8"	5.5	Yes
5'-0"	5'-0"	8"	7"	6"	6'-5"	3'-9"	5'-11 3/8"	8'-5"	18'-10 1/8"	7.4	Yes
5'-0"	5'-0"	6"	6"	6"	6'-3"	3'-8"	5'-9 1/4"	8'-2"	18'-5 7/8"	6.8	Yes
6'-0"	2'-0"	8"	7"	7"	3'-5"	2'-3"	2'-11 3/8"	4'-2"	14'-0"	4.3	Yes
6'-0"	2'-0"	7"	7"	7"	3'-4"	2'-2"	2'-10 3/8"	4'-1"	13'-10 3/8"	4.2	Yes
6'-0"	3'-0"	8"	7"	7"	4'-5"	2'-9"	3'-11 3/8"	5'-7"	16'-0 1/8"	5.4	Yes
6'-0"	3'-0"	7"	7"	7"	4'-4"	2'-8"	3'-10 5/8"	5'-6"	15'-10 5/8"	5.2	Yes
6'-0"	4'-0"	8"	7"	7"	5'-5"	3'-3"	4'-11 3/8"	7'-0"	18'-0 3/8"	6.5	Yes
6'-0"	4'-0"	7"	7"	7"	5'-4"	3'-2"	4'-10 3/4"	6'-11"	17'-10 3/4"	6.5	Yes
6'-0"	5'-0"	8"	7"	7"	6'-5"	3'-9"	5'-11 3/8"	8'-5"	20'-0 1/8"	8.0	Yes
6'-0"	5'-0"	7"	7"	7"	6'-4"	3'-8"	5'-10 3/4"	8'-4"	19'-10 3/4"	7.8	Yes
6'-0"	6'-0"	8"	7"	7"	7'-5"	4'-3"	6'-11 1/2"	9'-10"	22'-0 1/4"	9.5	Yes
6'-0"	6'-0"	7"	7"	7"	7'-4"	4'-2"	6'-10 3/4"	9'-9"	21'-10 3/4"	9.3	Yes
7'-0"	2'-0"	8"	8"	8"	3'-5"	2'-3"	2'-11 3/8"	4'-2"	15'-2"	4.9	Yes
7'-0"	3'-0"	8"	8"	8"	4'-5"	2'-9"	3'-11 3/8"	5'-7"	17'-2 1/8"	6.1	Yes
7'-0"	4'-0"	8"	8"	8"	5'-5"	3'-3"	4'-11 3/8"	7'-0"	19'-2 1/8"	7.4	Yes
7'-0"	5'-0"	8"	8"	8"	6'-5"	3'-9"	5'-11 3/8"	8'-5"	21'-2 1/8"	8.9	Yes
7'-0"	6'-0"	8"	8"	8"	7'-5"	4'-3"	6'-11 1/2"	9'-10"	23'-2 1/4"	10.6	Yes
8'-0"	2'-0"	8"	8"	8"	3'-5"	2'-3"	2'-11 3/8"	4'-2"	16'-2"	5.3	Yes
8'-0"	3'-0"	8"	8"	8"	4'-5"	2'-9"	3'-11 3/8"	5'-7"	18'-2 1/8"	6.5	Yes
8'-0"	4'-0"	8"	8"	8"	5'-5"	3'-3"	4'-11 3/8"	7'-0"	20'-2 1/8"	7.8	Yes
8'-0"	5'-0"	8"	8"	8"	6'-5"	3'-9"	5'-11 3/8"	8'-5"	22'-2 1/8"	9.3	Yes
8'-0"	6'-0"	8"	8"	8"	7'-5"	4'-3"	6'-11 1/2"	9'-10"	24'-2 1/4"	11.0	Yes
9'-0"	2'-0"	9"	9"	9"	3'-6"	2'-3"	3'-0 3/4"	4'-4"	17'-6 1/8"	6.2	Yes
9'-0"	3'-0"	9"	9"	9"	4'-6"	2'-9"	4'-0 3/4"	5'-9"	19'-6 1/8"	7.5	Yes
9'-0"	4'-0"	9"	9"	9"	5'-6"	3'-3"	5'-0 3/4"	7'-2"	21'-6 1/8"	9.0	Yes
9'-0"	5'-0"	9"	9"	9"	6'-6"	3'-9"	6'-0 3/8"	8'-7"	23'-7"	10.6	Yes
9'-0"	6'-0"	9"	9"	9"	7'-6"	4'-3"	7'-0 1/8"	9'-11"	25'-5 5/8"	12.4	Yes
10'-0"	2'-0"	10"	10"	10"	3'-7"	2'-4"	3'-1 1/2"	4'-5"	18'-10 1/4"	7.1	No
10'-0"	3'-0"	10"	10"	10"	4'-7"	2'-10"	4'-1 1/2"	5'-10"	20'-10 1/4"	8.6	No
10'-0"	4'-0"	10"	10"	10"	5'-7"	3'-4"	5'-1 1/2"	7'-3"	22'-10 3/8"	10.2	Yes
10'-0"	5'-0"	10"	10"	10"	6'-7"	3'-10"	6'-1 1/2"	8'-8"	24'-10 3/8"	12.0	Yes
10'-0"	6'-0"	10"	10"	10"	7'-7"	4'-4"	7'-1 1/2"	10'-1"	26'-10 3/8"	13.9	Yes
11'-0"	2'-0"	11"	11"	11"	3'-8"	2'-4"	3'-2 1/8"	4'-7"	20'-3 1/8"	8.2	No
11'-0"	3'-0"	11"	11"	11"	4'-8"	2'-10"	4'-2 1/8"	6'-0"	22'-3 1/8"	9.8	No
11'-0"	4'-0"	11"	11"	11"	5'-8"	3'-4"	5'-2 1/4"	7'-4"	24'-1 3/4"	11.5	Yes
11'-0"	5'-0"	11"	11"	11"	6'-8"	3'-10"	6'-2 1/4"	8'-9"	26'-1 3/4"	13.3	Yes
11'-0"	6'-0"	11"	11"	11"	7'-8"	4'-4"	7'-2 1/4"	10'-2"	28'-1 1/8"	15.5	Yes
12'-0"	2'-0"	12"	12"	12"	3'-9"	2'-5"	3'-3 1/8"	4'-8"	21'-6 1/2"	9.3	No
12'-0"	3'-0"	12"	12"	12"	4'-9"	2'-11"	4'-3 3/8"	6'-1"	23'-6 1/2"	11.1	No
12'-0"	4'-0"	12"	12"	12"	5'-9"	3'-5"	5'-3 3/8"	7'-6"	25'-6 3/8"	13.0	Yes
12'-0"	5'-0"	12"	12"	12"	6'-9"	3'-11"	6'-3 3/8"	8'-11"	27'-6 3/8"	14.1	Yes
12'-0"	6'-0"	12"	12"	12"	7'-9"	4'-5"	7'-3 3/8"	10'-4"	29'-6 3/8"	17.4	Yes

Note:
Two sets of apron end section dimensions are shown above for some box culvert sizes due to the top and bottom slabs having different thicknesses per ASTM C 1577 for design fill heights less than 2 ft.
(Sheet 1 of 2)



PLAN

SCB-AES

2-17-2017

USER NAME = stefenmk	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 4/18/2022	CHECKED -	REVISED -
	DATE -	REVISED -

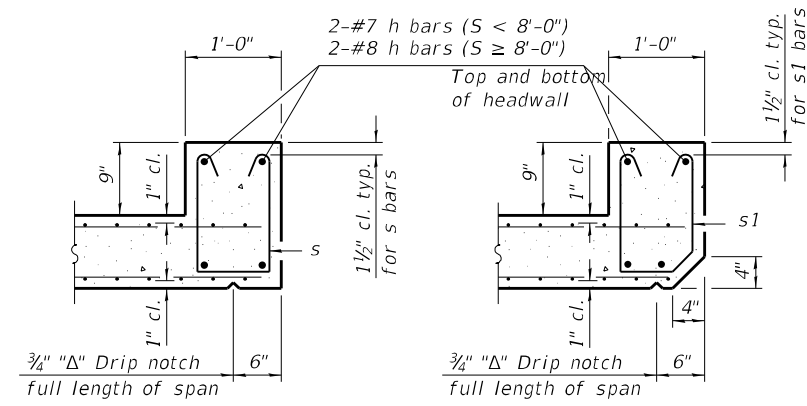
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PRECAST CONCRETE BOX CULVERT APRON END
SECTION DETAILS - STRUCTURE NO. 070-8632, 8633 & 5'X2'

SCALE: NO SCALE SHEET OF SHEETS STA. TO STA.

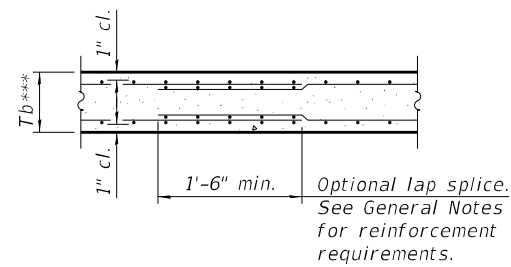
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	120
CONTRACT NO. 74A24				
ILLINOIS FED. AID PROJECT				

MODEL: Default
FILE: 3dmlt2 - pldulst-cw-ben-defx.com\FINDOT\Documents\DOT Office\Director_2\Projects\74A24\ICADD\DATA\CADD\Sheet\074A24-4-EndSec.dgn



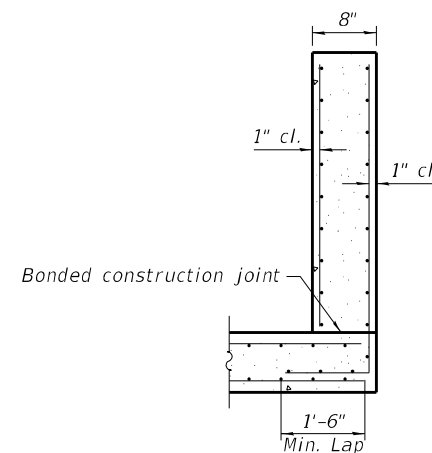
SECTION B-B
(Top slab at downstream end)

SECTION B-B
(Top slab at upstream end)

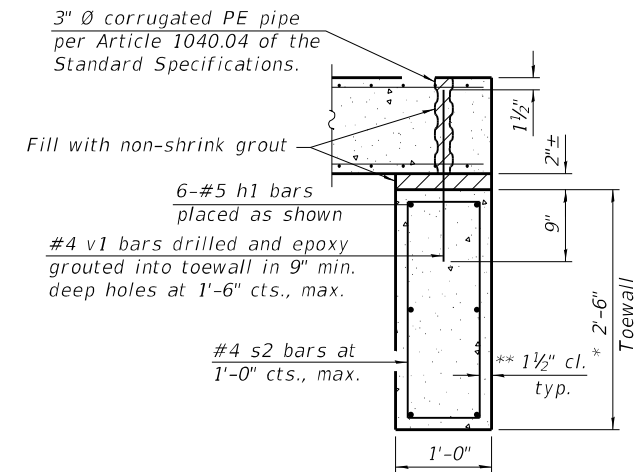


SECTION B-B
(Bottom Slab)

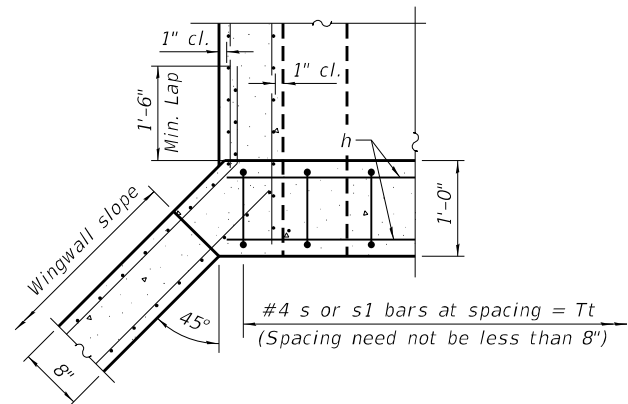
*** This dimension shall be increased by 2" for CIP construction.



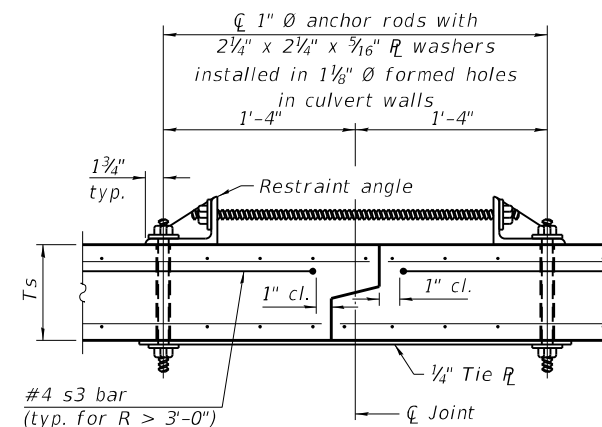
SECTION C-C



SECTION D-D



SECTION E-E



SECTION F-F
(Showing culvert tie details)

TOEWALL CONSTRUCTION SEQUENCE

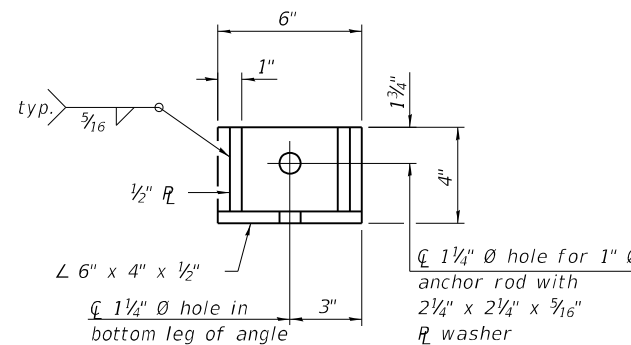
1. Perform excavation and construct toewall.
2. Backfill accordingly and place bedding for precast box culvert end sections.
3. Set precast box culvert end section.
4. Drill and epoxy grout reinforcement in toewall in accordance with Section 584 of the Standard Specifications.
5. Pressure grout voids using non-shrink grout conforming to Section 1024 of the Standard Specifications.

* The Contractor may furnish a precast or cast-in-place toewall. The Contractor shall be responsible for the strength and stability of the precast toewall during handling. Additional lifting points may be required depending upon the length of the toewall or the Contractor may need to modify the design of the toewall for the proposed handling method.

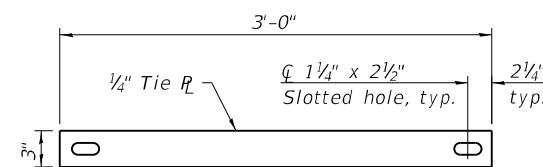
** If soil conditions permit, the sides of the toewall may be poured directly against the soil. The clear cover on the sides of the toewall shall be increased to 3" by increasing the thickness of the toewall.

Notes:

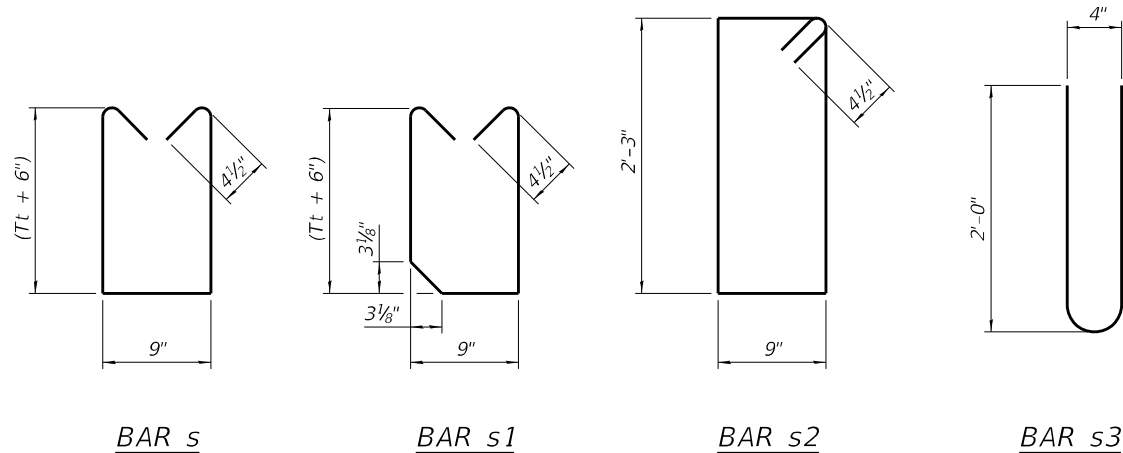
1" Ø anchor rods for the culvert ties shall conform to the requirements of ASTM F1554, Grade 105. Structural steel for the tie plate and restraint angle shall conform to the requirements of Article 1006.04 of the Standard Specifications. All components of the culvert tie detail shall be galvanized according to the requirements of AASHTO M 111 or M 232 as applicable. 2 1/4" x 2 1/4" x 3/16" plate washers shall be provided under each nut required for the anchor rods. Anchor rods connecting precast sections shall be brought to a snug tight condition followed by an additional 1/2 turn on one of the nuts for anchor rods installed in the walls. Match marks shall be provided on the bolt and nut to verify relative rotation between the bolt and the nut. Holes in the walls for the culvert tie assembly may be drilled using core bits in lieu of using formed holes.



RESTRAINT ANGLE DETAIL



TIE PLATE DETAIL



BAR s

BAR s1

BAR s2

BAR s3

SCB-AES

2-17-2017

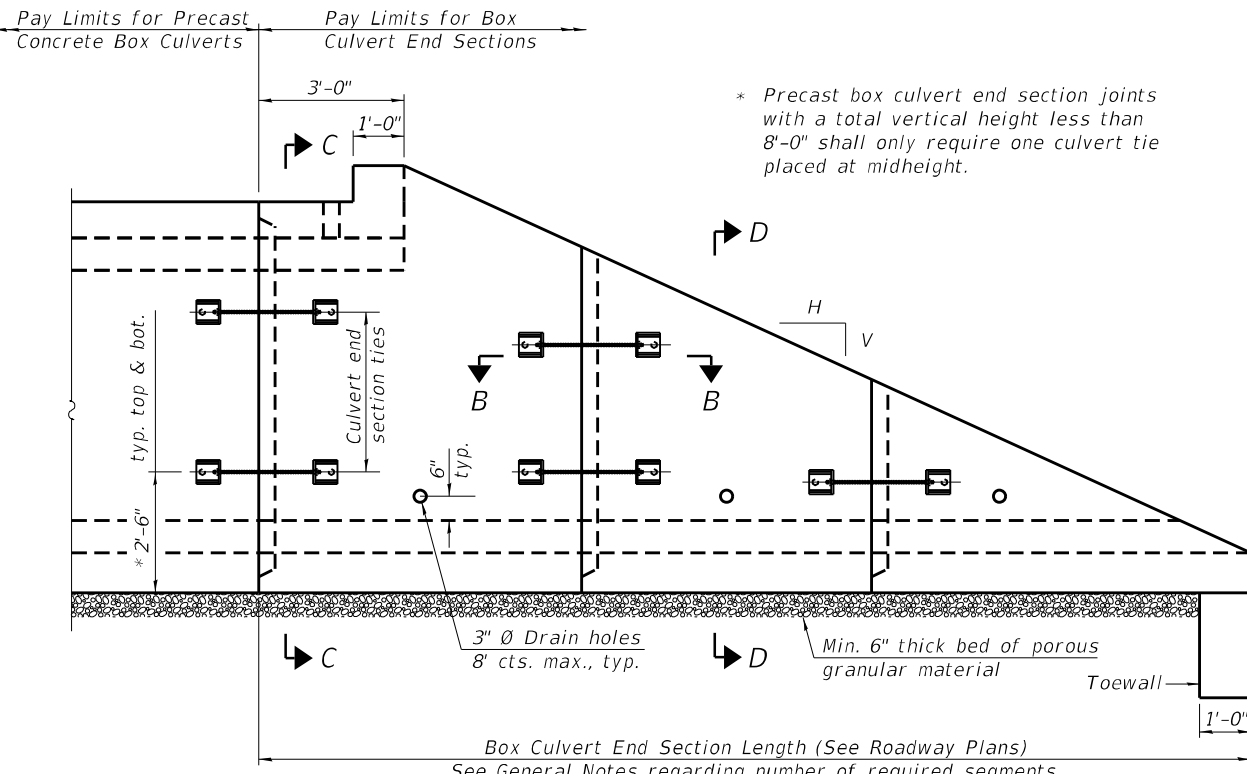
(Sheet 2 of 2)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

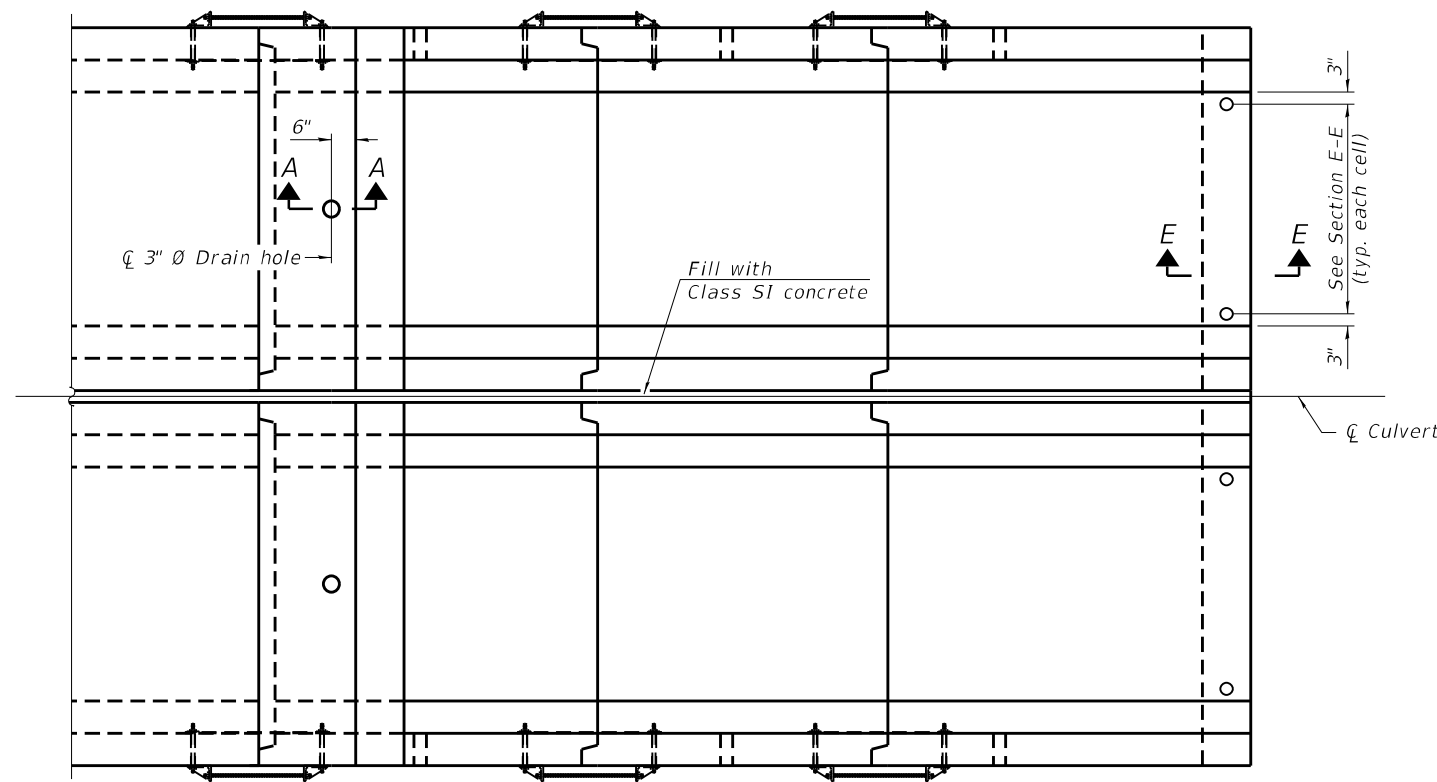
PRECAST CONCRETE BOX CULVERT APRON END
SECTION DETAILS - STRUCTURE NO. 070-8632, 8633 & 5'X2'

SCALE: NO SCALE SHEET OF SHEETS STA. TO STA.

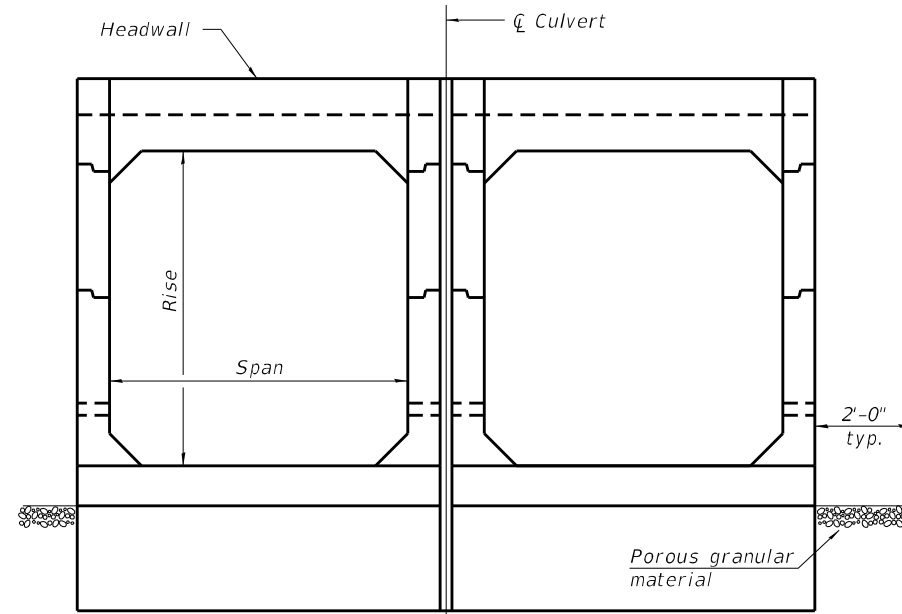
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	120a
CONTRACT NO. 74A24				
ILLINOIS FED. AID PROJECT				



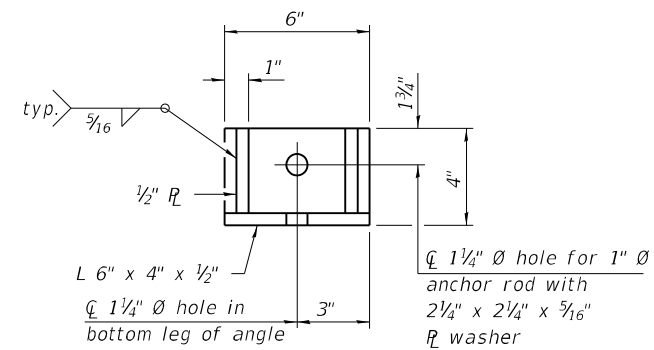
ELEVATION



PLAN



END VIEW



RESTRAINT ANGLE DETAIL

12" x 12" x 6" block of CA5, CA7, or CA11 coarse aggregate placed over drain opening. Block of aggregate shall be completely wrapped in nonwoven geotextile fabric.

Provide a double layer of 12" x 12" nonwoven geotextile fabric centered over the drain hole. Fabric shall be sealed to the concrete with mastic.

3" Ø PVC drain cast with the concrete (Adjust location to clear reinforcement).

1/2" Square foam blockout around PVC drain (to be removed with formwork)

SECTION A-A

(All costs associated with furnishing and constructing the above drain detail will not be measured for payment but shall be included in the contract unit price for the associated work.)

GENERAL NOTES

Box Culvert End Sections shall be constructed according to the requirements of Section 540 of the Standard Specifications except as modified herein. This work will be measured for payment as each, with each end of each culvert being one each. End sections will be paid for at the contract unit price per each for Box Culvert End Sections of the culvert number specified.

Typical box section dimensions, materials, and reinforcement details for Box Culvert End Sections shall be according to the requirements of ASTM C 1577 as required for the design of the portion of the culvert within the limits of Precast Concrete Box Culverts except as modified herein.

Number of segments shown in Elevation is for example only. Length and number of precast box sections required to construct Box Culvert End Sections shall be determined by the Contractor.

See roadway plans for embankment slope (V:H).

1" Ø anchor rods for the culvert ties shall conform to the requirements of ASTM F1554, Grade 105. Structural steel for tie plate and restraint angle shall conform to the requirements of Article 1006.04 of the Standard Specifications. All components of the culvert tie detail shall be galvanized according to the requirements of AASHTO M 111 or M 232 as applicable. 2 1/4" x 2 1/4" x 5/16" plate washers shall be provided under each nut required for the anchor rods. Anchor rods connecting precast sections shall be brought to a snug tight condition followed by an additional 1/2 turn on one of the nuts for anchor rods installed in the walls. Match marks shall be provided on the bolt and nut to verify relative rotation between the bolt and the nut. Holes in the walls for the culvert tie assembly may be drilled using core bits in lieu of using formed holes.

All costs associated with furnishing and installing or constructing the toewall and culvert ties will not be measured for payment but shall be included in the contract unit price for Box Culvert End Sections of the culvert number specified.

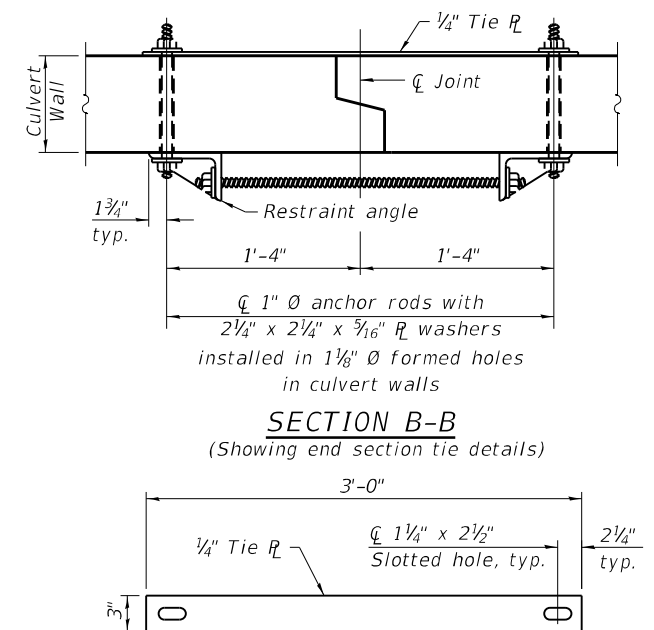
Drain holes shall conform to the requirements of Article 503.11 of the Standard Specifications unless noted otherwise.

Nonwoven geotextile fabric shall conform to the requirements of Article 1080.01. The minimum weight of the fabric shall be 6 oz. / sq. yd..

For end sections with traversable pipe grate systems, see grate detail sheet for required modifications.

The 3" nominal space between adjacent end sections shall be filled with Class SI concrete in accordance with Article 540.06 of the Standard Specifications. Cost included with Box Culvert End Sections.

Details for double cell box culvert shown. Details for other multi-cell box culverts similar.



TIE PLATE DETAIL

MCB-TES

2-17-2017

USER NAME = steffnmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

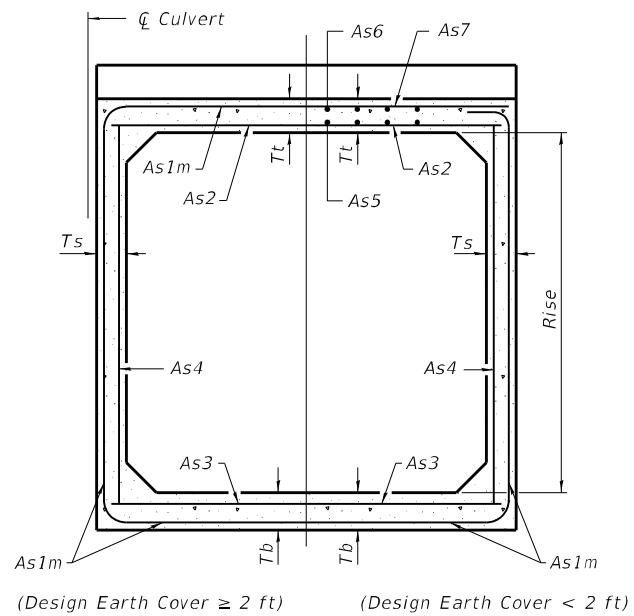
**MULTI-CELL PRECAST BOX CULVERT TAPERED END SECTIONS
STRUCTURE NO. 070-8309**

SCALE: NO SCALE SHEET OF SHEETS STA. TO STA.

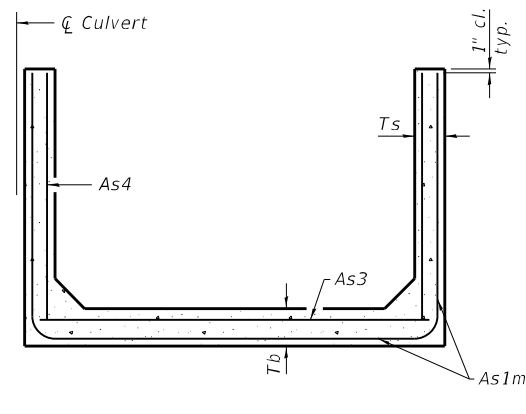
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	121
CONTRACT NO. 74A24				
ILLINOIS / FED. AID PROJECT				

(Sheet 1 of 2)

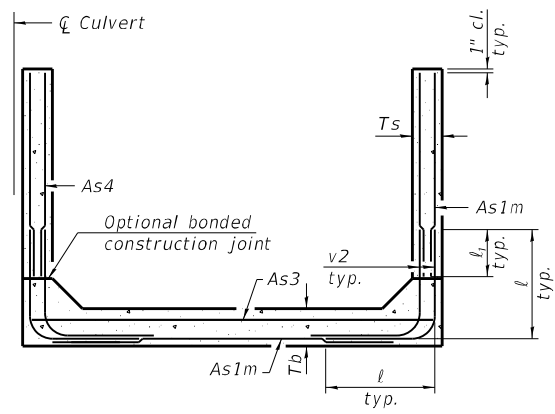
MODEL: Default
 FILE: MCB-TES.dwg
 PLOT DATE: 4/18/2022
 PLOT SCALE: 100,0000' / in.
 USER: steffnmk
 PROJECT: 74A24-141,142,143RS-4
 SHEET: 121 of 130



SECTION C-C



SECTION D-D



ALTERNATE SECTION D-D

As1m REINFORCEMENT											
(in. ² /ft)											
Rise (ft)	2	3	4	5	6	7	8	9	10	11	12
4	0.19	0.17									
5	0.26	0.21	0.18								
6	0.22	0.26	0.23	0.22							
7	0.25	0.33	0.59	0.27	0.28						
8	0.40	0.35	0.43	0.39	0.36	0.34	0.40				
9	0.44	0.39	0.35	0.43	0.40	0.37	0.36	0.48			
10	0.48	0.42	0.38	0.47	0.44	0.41	0.38	0.42	0.56		
11	0.52	0.45	0.54	0.50	0.46	0.44	0.41	0.46	0.50	0.65	
12	0.55	0.49	0.58	0.54	0.50	0.48	0.45	0.46	0.46	0.61	0.75

(As1m reinforcement based upon welded wire reinforcement conforming to AASHTO M 55 or M 221).

1 DIMENSION

- #3 bar = 2'-0"
- #4 bar = 2'-8"
- #5 bar = 3'-4"
- #6 bar = 3'-11"

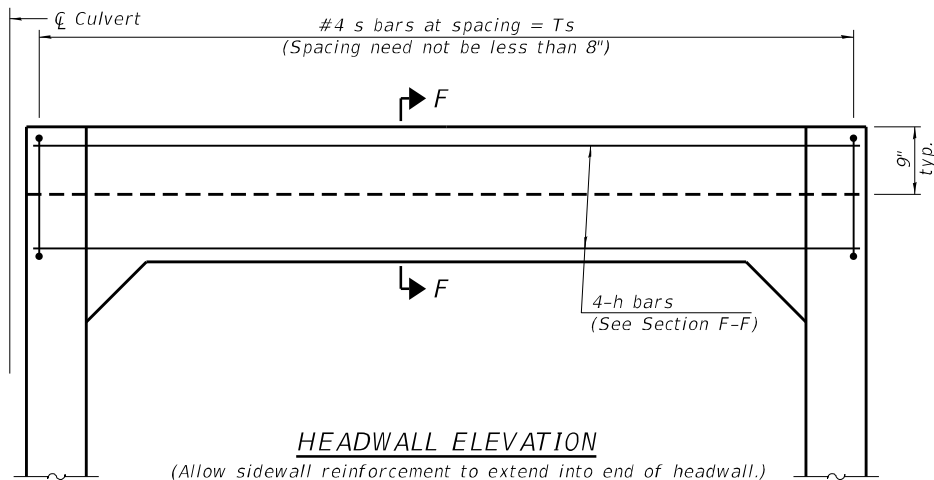
Notes:

Alternate Section D-D is provided to allow the Contractor the option of casting the bottom slab of the end section first followed by construction of the sidewalls using conventional forming methods. Shop drawings that detail slab thickness and reinforcement layout shall be submitted to the Engineer for review and approval when using Alternate Section D-D.

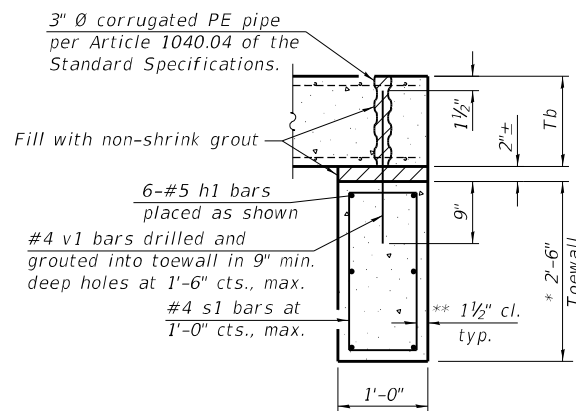
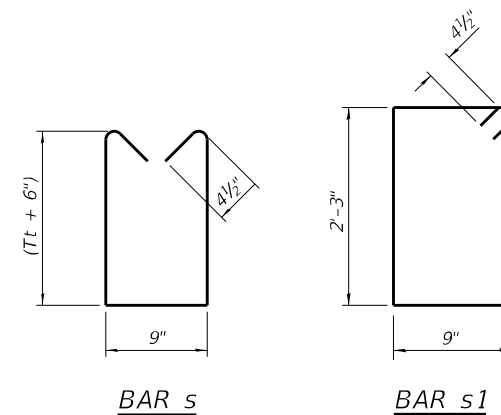
The size and spacing of the v2 bars shall provide a minimum reinforcement area along each face of the walls (in.²/ft.) equal to 1.10*(As1m). v2 bars may consist of #3 thru #6 size reinforcement bars and the longitudinal spacing shall not exceed the lesser of the wall thickness or 8 inches.

Bonded construction joints shall be prepared according to Article 503.09 of the Standard Specifications.

Sections C-C, D-D, and Headwall Elevation are symmetric about \bar{C} culvert through 180° rotation.



HEADWALL ELEVATION



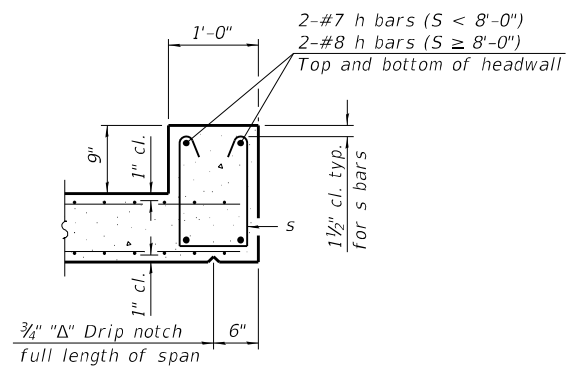
SECTION E-E

TOEWALL CONSTRUCTION SEQUENCE

1. Perform excavation and construct toewall.
2. Backfill according to the applicable paragraphs of Article 502.10 of the Standard Specifications and place bedding for precast box culvert end sections.
3. Set precast box culvert end section.
4. Drill and epoxy grout reinforcement in toewall in accordance with Section 584 of the Standard Specifications.
5. Pressure grout voids using non-shrink grout conforming to Section 1024 of the Standard Specifications.

* The Contractor may furnish a precast or cast-in-place toewall. The Contractor shall be responsible for the strength and stability of the precast toewall during handling. Additional lifting points may be required depending upon the length of the toewall or the Contractor may need to modify the design of the toewall for the proposed handling the method.

** If soil conditions permit, the sides of the toewall may be poured directly against the soil. The clear cover on the sides of the toewall shall be increased to 3" by increasing the thickness of the toewall.



SECTION F-F

MCB-TES

2-17-2017

USER NAME = stefenmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

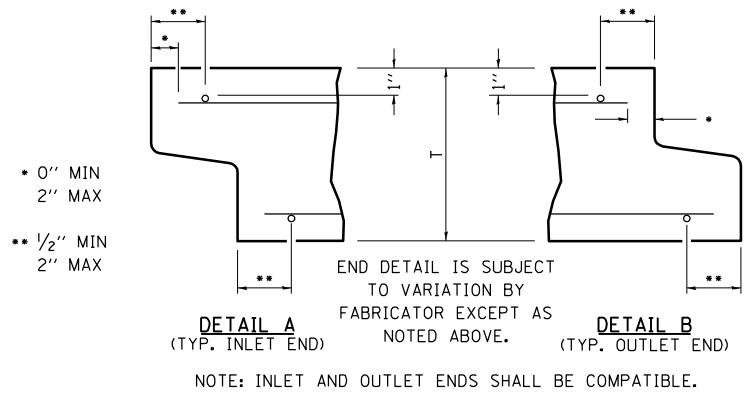
MULTI-CELL PRECAST BOX CULVERT TAPERED END SECTIONS
STRUCTURE NO. 070-8309

SCALE: NO SCALE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	121a
CONTRACT NO. 74A24				
ILLINOIS FED. AID PROJECT				

(Sheet 2 of 2)

DETAIL OF PRECAST CONCRETE BOX CULVERT ASTM C1577



DESIGN LOADING:
COMBINED EARTH DEAD LOAD
AND AASHTO HL-93 LIVE LOAD

GENERAL NOTES

SHOP PLANS FOR THE REINFORCEMENT SHALL BE SUBMITTED IN ACCORDANCE WITH THE REQUIREMENTS OF ARTICLE 540.06 OF THE STANDARD SPECIFICATIONS, AND THE CURRENT POLICY MEMORANDUM "QUALITY CONTROL/QUALITY ASSURANCE PROGRAM FOR PRECAST CONCRETE PRODUCTS."

MINIMUM CONCRETE STRENGTH SHALL BE 5000 PSI AFTER 28 DAYS.

THE JOINTS OF THE PRECAST BOX SECTIONS SHALL BE SEALED IN ACCORDANCE WITH ARTICLE 540.06 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

THE TERMS A_{s1} , A_{s2} , A_{s3} , A_{s4} , A_{s5} , A_{s6} , A_{s7} , AND A_{s8} , DENOTE THE REQUIRED STEEL AREAS FOR REINFORCEMENT AS SPECIFIED IN ASTM C1577. REINFORCEMENT SHALL BE WELDED WIRE FABRIC CONFORMING TO AASHTO SPECIFICATIONS M55 (A185) OR M221 (A497), OR REINFORCEMENT BARS, GRADE 60, CONFORMING TO A706.

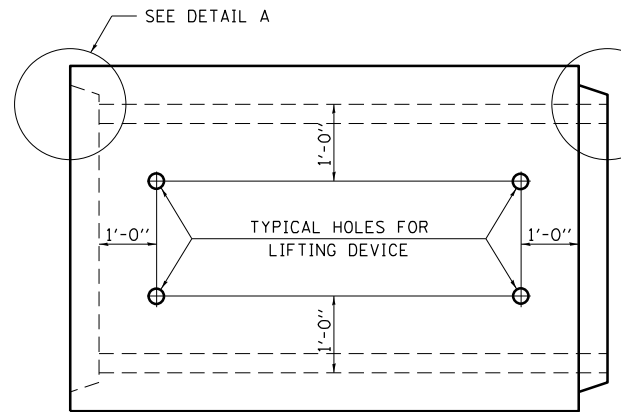
LIFTING HOLES SHALL BE FILLED IN ACCORDANCE WITH 540.06 OR PROJECT SPECIAL PROVISIONS.

DRAINAGE OPENINGS SHALL BE PROVIDED IN ACCORDANCE WITH ARTICLE 503.11 OF THE STANDARD SPECIFICATIONS. LOCATION AND SPACING OF THE OPENINGS SHALL BE SHOWN ON THE SHOP DRAWINGS.

DESIGN FILL HEIGHT (F):

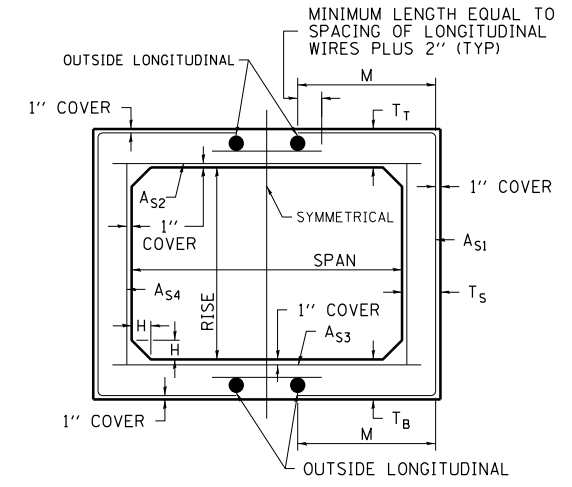
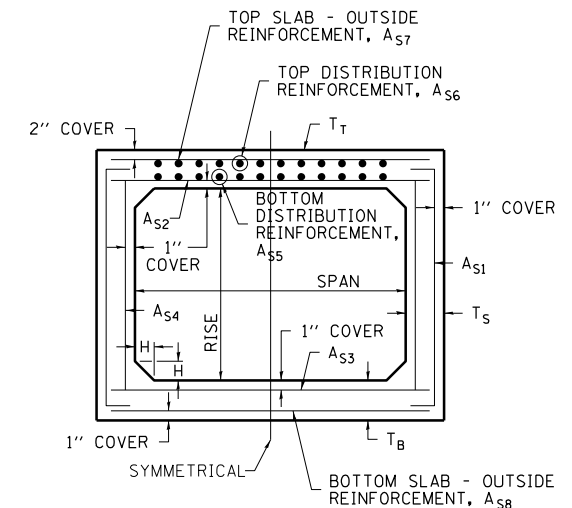
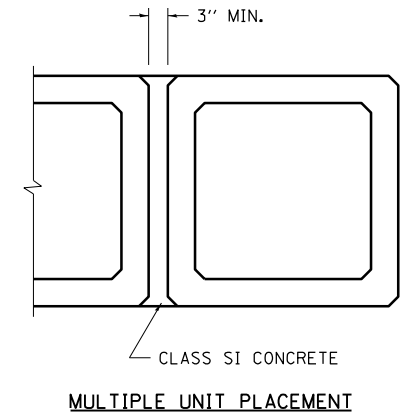
MAXIMUM FILL HEIGHT (f_{max}) AND MINIMUM FILL HEIGHT (f_{min}) ARE MEASURED BETWEEN THE EXTREME EDGES OF SHOULDER.

DESIGN FILL HEIGHTS APPLY TO ENTIRE CULVERT, INCLUDING EXTENSIONS AND END SECTIONS.



PLAN
LOCATION OF LIFTING HOLES IS SUBJECT TO VARIATION BY FABRICATOR

WHEN EXTENDING AN EXISTING BOX, PLACE THIS END AGAINST THE EXISTING HEADWALL.



3" \emptyset OPENING LOCATE WITHIN THE LOWER 1/3 OF HEIGHT, BUT NOT WITHIN THE HAUNCH. SEE SHOP DRAWINGS.

Standard Sizes							
Span (ft)	x	Rise (ft)	Design Earth Cover (ft)	Ts (in)	Tt (in)	Tb (in)	Max Earth Cover (ft)
3	x	2	0 < 2	4	7	6	N/A
3	x	2	≥ 2	4	4	4	35
3	x	3	0 < 2	4	7	6	N/A
3	x	3	≥ 2	4	4	4	35
4	x	2	0 < 2	5	7.5	6	N/A
4	x	2	≥ 2	5	5	5	30
4	x	3	0 < 2	5	7.5	6	N/A
4	x	3	≥ 2	5	5	5	30
4	x	4	0 < 2	5	7.5	6	N/A
4	x	4	≥ 2	5	5	5	30
5	x	3	0 < 2	6	8	7	N/A
5	x	3	≥ 2	6	6	6	30
5	x	4	0 < 2	6	8	7	N/A
5	x	4	≥ 2	6	6	6	30
5	x	5	0 < 2	6	8	7	N/A
5	x	5	≥ 2	6	6	6	30
6	x	3	0 < 2	7	8	7	N/A
6	x	3	≥ 2	7	7	7	30
6	x	4	0 < 2	7	8	7	N/A
6	x	4	≥ 2	7	7	7	30
6	x	5	0 < 2	7	8	7	N/A
6	x	5	≥ 2	7	7	7	30
6	x	6	0 < 2	7	8	7	N/A
6	x	6	≥ 2	7	7	7	30
7	x	4	≤ 30	8	8	8	30
7	x	5	≤ 30	8	8	8	30
7	x	6	≤ 30	8	8	8	30
7	x	7	≤ 30	8	8	8	30
8	x	4	≤ 20	8	8	8	20
8	x	5	≤ 20	8	8	8	20
8	x	6	≤ 20	8	8	8	20
8	x	7	≤ 20	8	8	8	20
8	x	8	≤ 20	8	8	8	20
9	x	5	≤ 25	9	9	9	25
9	x	6	≤ 25	9	9	9	25
9	x	7	≤ 20	9	9	9	20
9	x	8	≤ 20	9	9	9	20
9	x	9	≤ 20	9	9	9	20
10	x	5	≤ 25	10	10	10	25
10	x	6	≤ 25	10	10	10	25
10	x	7	≤ 25	10	10	10	25
10	x	8	≤ 20	10	10	10	20
10	x	9	≤ 20	10	10	10	20
10	x	10	≤ 20	10	10	10	20
11	x	4	≤ 25	11	11	11	25
11	x	6	≤ 25	11	11	11	25
11	x	8	≤ 25	11	11	11	25
11	x	10	≤ 20	11	11	11	20
12	x	4	≤ 25	12	12	12	25
12	x	6	≤ 25	12	12	12	25
12	x	8	≤ 25	12	12	12	25
12	x	10	≤ 25	12	12	12	25
12	x	12	≤ 20	12	12	12	20

NOTE: T_s , T_t and T_b are minimums, per ASTM C1577.

* "T" MAY BE LARGER THAN SHOWN ON TABLE, PER ASTM C1577 SPECIFICATIONS.

MODEL: Default FILE: h:\mfe\p\subsect-pw-bee\p\p\DOT\Documents\DOT Office\Drawings\74424\ICADD\DATA\CADD\Sheet\74424-4-PreCastBoxCulvert.dgn

USER NAME = stefnrmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE -	REVISED -

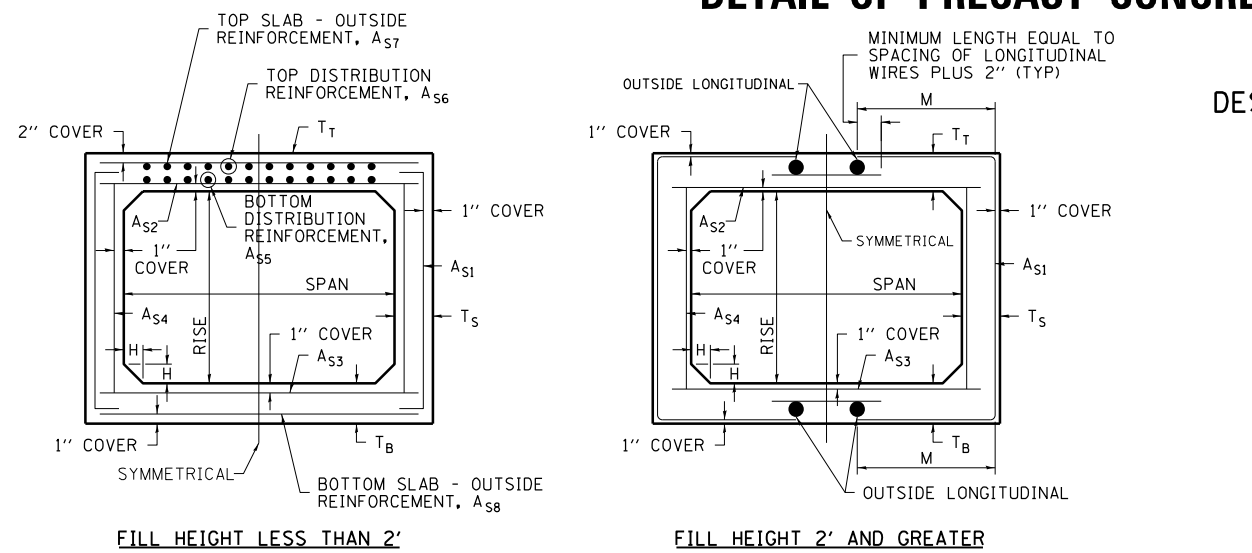
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS OF PRECAST CONCRETE BOX CULVERT

SCALE: NO SCALE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	122
CONTRACT NO. 74A24				
ILLINOIS		FED. AID PROJECT		

DETAIL OF PRECAST CONCRETE BOX CULVERT END SECTION ASTM C1577



DESIGN LOADING:
 COMBINED EARTH DEAD LOAD
 AND AASHTO HL-93 LIVE LOAD

GENERAL NOTES

SHOP PLANS FOR THE REINFORCEMENT SHALL BE SUBMITTED IN ACCORDANCE WITH THE REQUIREMENTS OF ARTICLE 540.06 OF THE STANDARD SPECIFICATIONS, AND THE CURRENT POLICY MEMORANDUM "QUALITY CONTROL/QUALITY ASSURANCE PROGRAM FOR PRECAST CONCRETE PRODUCTS."

MINIMUM CONCRETE STRENGTH SHALL BE 5000 PSI AFTER 28 DAYS.

THE JOINTS OF THE PRECAST BOX SECTIONS SHALL BE SEALED IN ACCORDANCE WITH ARTICLE 540.06 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

THE TERMS A_{s1} , A_{s2} , A_{s3} , A_{s4} , A_{s5} , A_{s6} , A_{s7} , AND A_{s8} , DENOTE THE REQUIRED STEEL AREAS FOR REINFORCEMENT AS SPECIFIED IN ASTM C1577. REINFORCEMENT SHALL BE WELDED WIRE FABRIC CONFORMING TO AASHTO SPECIFICATIONS M55 (A185) OR M221 (A497), OR REINFORCEMENT BARS, GRADE 60, CONFORMING TO A706.

LIFTING HOLES SHALL BE FILLED IN ACCORDANCE WITH 540.06 OR PROJECT SPECIAL PROVISIONS.

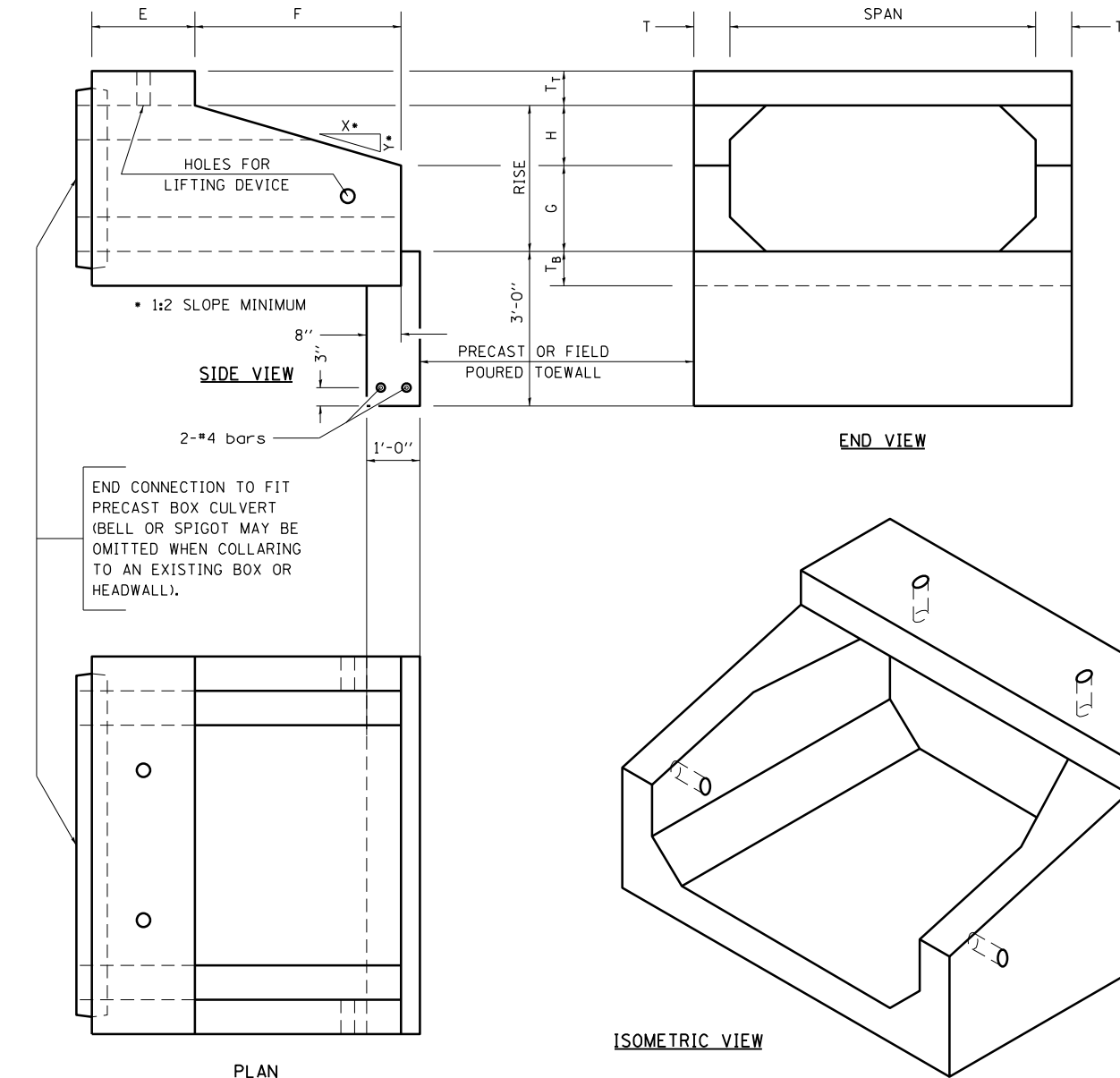
DESIGN FILL HEIGHT (F):

MAXIMUM FILL HEIGHT (f_{max}) AND MINIMUM FILL HEIGHT (f_{min}) ARE MEASURED BETWEEN THE EXTREME EDGES OF SHOULDER. DESIGN FILL HEIGHTS APPLY TO ENTIRE CULVERT, INCLUDING EXTENSIONS AND END SECTIONS.

Standard Sizes							
Span (ft)	x	Rise (ft)	Design Earth Cover (ft)	Ts (in)	Tt (in)	Tb (in)	Max Earth Cover (ft)
3	x	2	0 < 2	4	7	6	N/A
3	x	2	≥ 2	4	4	4	35
3	x	3	0 < 2	4	7	6	N/A
3	x	3	≥ 2	4	4	4	35
4	x	2	0 < 2	5	7.5	6	N/A
4	x	2	≥ 2	5	5	5	30
4	x	3	0 < 2	5	7.5	6	N/A
4	x	3	≥ 2	5	5	5	30
4	x	4	0 < 2	5	7.5	6	N/A
4	x	4	≥ 2	5	5	5	30
5	x	3	0 < 2	6	8	7	N/A
5	x	3	≥ 2	6	6	6	30
5	x	4	0 < 2	6	8	7	N/A
5	x	4	≥ 2	6	6	6	30
5	x	5	0 < 2	6	8	7	N/A
5	x	5	≥ 2	6	6	6	30
6	x	3	0 < 2	7	8	7	N/A
6	x	3	≥ 2	7	7	7	30
6	x	4	0 < 2	7	8	7	N/A
6	x	4	≥ 2	7	7	7	30
6	x	5	0 < 2	7	8	7	N/A
6	x	5	≥ 2	7	7	7	30
6	x	6	0 < 2	7	8	7	N/A
6	x	6	≥ 2	7	7	7	30
7	x	4	≤ 30	8	8	8	30
7	x	5	≤ 30	8	8	8	30
7	x	6	≤ 30	8	8	8	30
7	x	7	≤ 30	8	8	8	30
8	x	4	≤ 20	8	8	8	20
8	x	5	≤ 20	8	8	8	20
8	x	6	≤ 20	8	8	8	20
8	x	7	≤ 20	8	8	8	20
8	x	8	≤ 20	8	8	8	20
9	x	5	≤ 25	9	9	9	25
9	x	6	≤ 25	9	9	9	25
9	x	7	≤ 20	9	9	9	20
9	x	8	≤ 20	9	9	9	20
9	x	9	≤ 20	9	9	9	20
10	x	5	≤ 25	10	10	10	25
10	x	6	≤ 25	10	10	10	25
10	x	7	≤ 25	10	10	10	25
10	x	8	≤ 20	10	10	10	20
10	x	9	≤ 20	10	10	10	20
10	x	10	≤ 20	10	10	10	20
11	x	4	≤ 25	11	11	11	25
11	x	6	≤ 25	11	11	11	25
11	x	8	≤ 25	11	11	11	25
11	x	10	≤ 20	11	11	11	20
11	x	11	≤ 20	11	11	11	20
12	x	4	≤ 25	12	12	12	25
12	x	6	≤ 25	12	12	12	25
12	x	8	≤ 25	12	12	12	25
12	x	10	≤ 25	12	12	12	25
12	x	12	≤ 20	12	12	12	20

NOTE: Ts, Tt and Tb are minimums, per ASTM C1577.

* "T" MAY BE LARGER THAN SHOWN ON TABLE, PER ASTM C1577 SPECIFICATIONS.

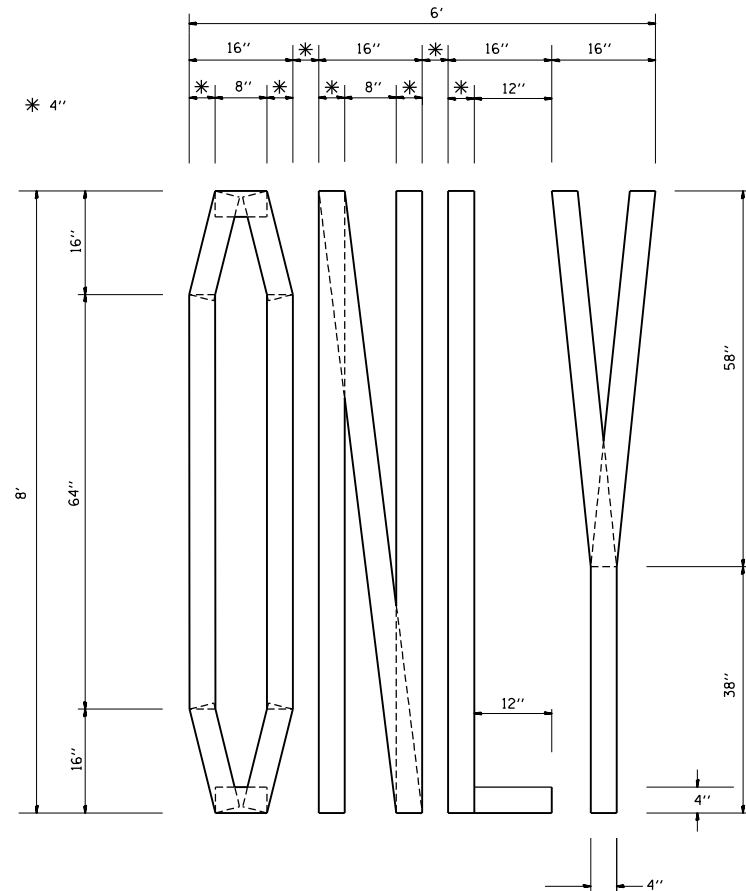


MODEL: Default
 FILE: Model - p...
 PROJECT: 7424-142-143-4
 SHEET: 123

PLAN

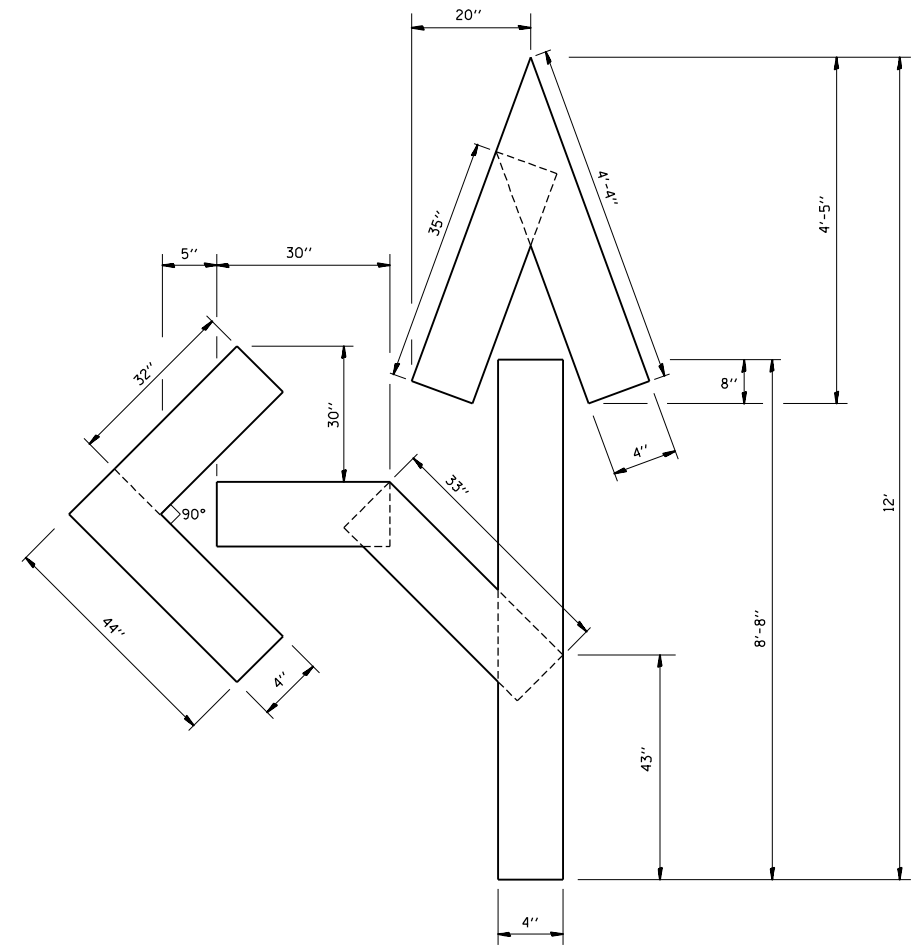
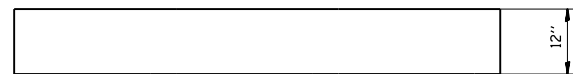
ISOMETRIC VIEW

USER NAME = stefnrmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS OF PRECAST CONCRETE BOX CULVERT			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN -	REVISED -	323					(141,142,143)RS-4	MOULTRIE	130	123	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -		SCALE: NO SCALE SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 74A24				
PLOT DATE = 4/18/2022	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

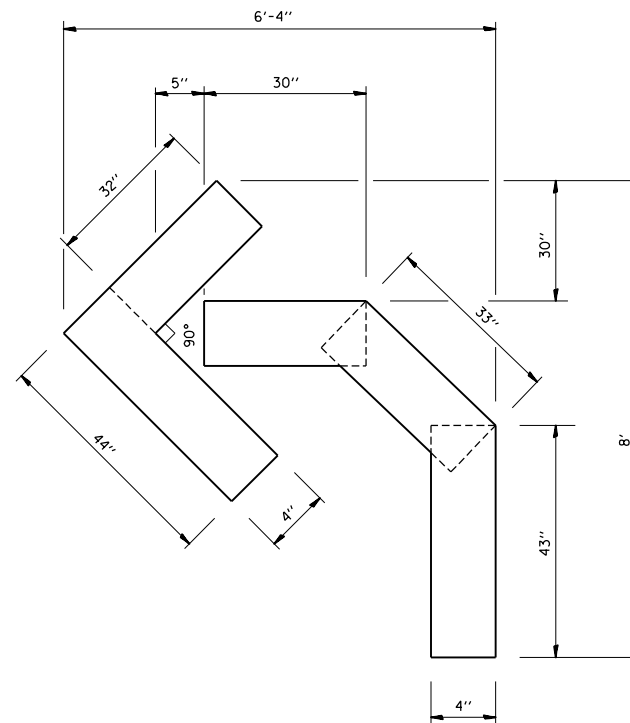


QUANTITY
4" LINE = 63.2 ft.
21.0 sq. ft.

SHORT TERM STOP BAR



QUANTITY
4" LINE = 27.5 ft.
9.2 sq. ft.



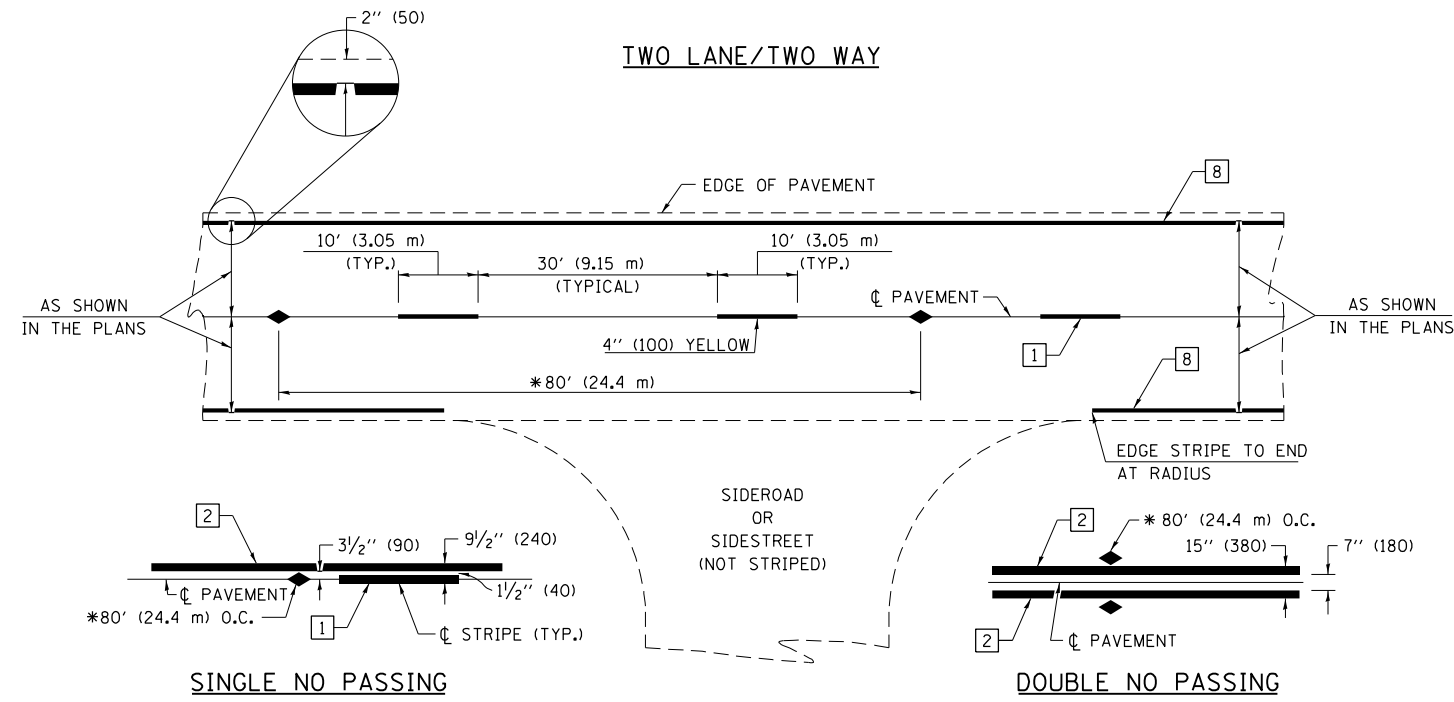
QUANTITY
4" LINE = 15.2 ft.
5.0 sq. ft.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING LETTERS AND SYMBOLS
FOR TRAFFIC STAGING

SCALE: NO SCALE SHEET OF SHEETS STA. TO STA.

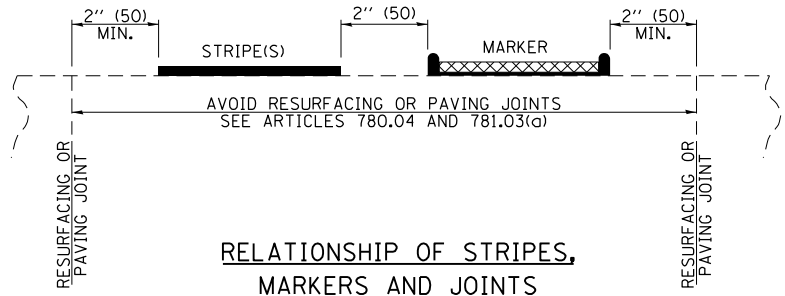
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	125
CONTRACT NO. 74A24				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) PARKING WHITE

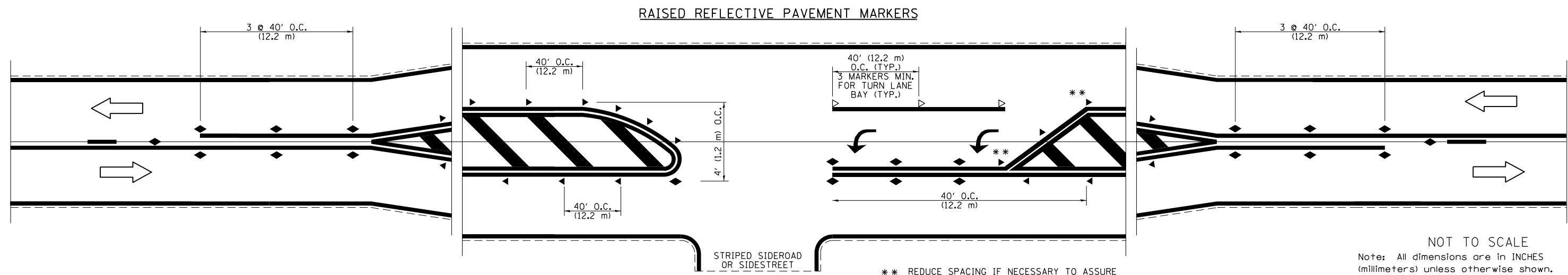
* REDUCE TO 40' (12.2 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEEDS OF 45 mph (70 km/h) OR LESS.



RELATIONSHIP OF STRIPES, MARKERS AND JOINTS

TYPICAL PAVEMENT MARKERS LEGEND

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER



** REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.

NOT TO SCALE
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 7 DETAIL NO. 7800001

MODEL: Default FILE NAME: p:\project-aw-bee\paw.com\p\p\DOT Documents\DOT Office\Drawings\7800001\7800001.dwg PROJECT: 7800001\7800001.dwg

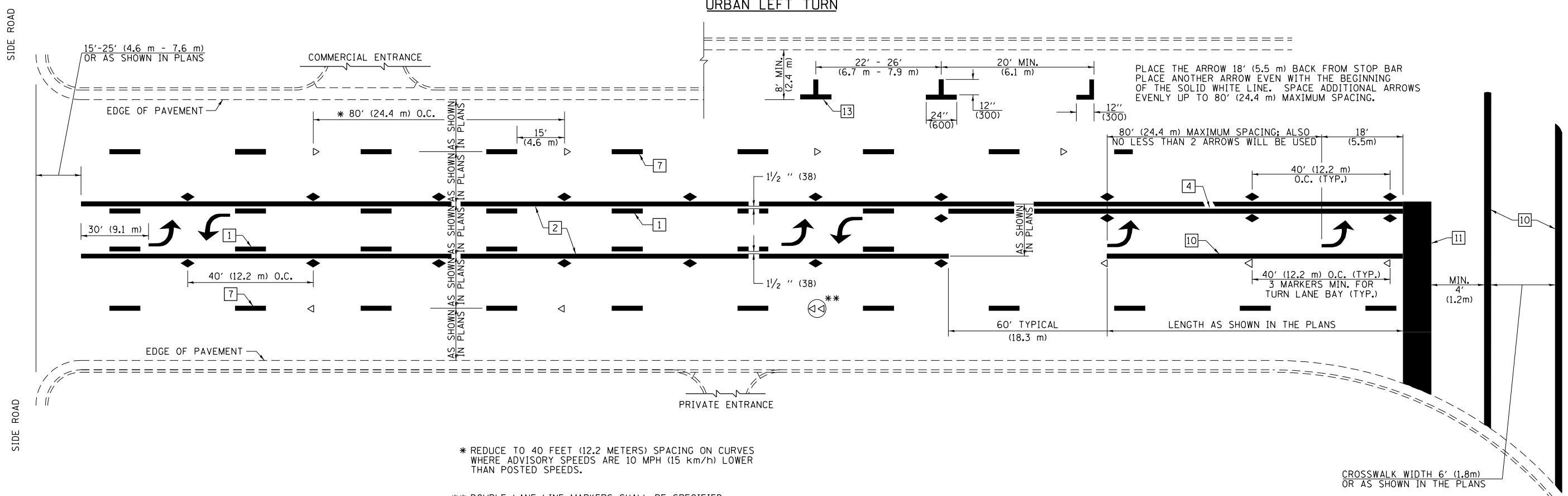
USER NAME = steffnmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL & URBAN APPLICATIONS)	
SCALE: NO SCALE	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	126
CONTRACT NO. 74A24			ILLINOIS FED. AID PROJECT	

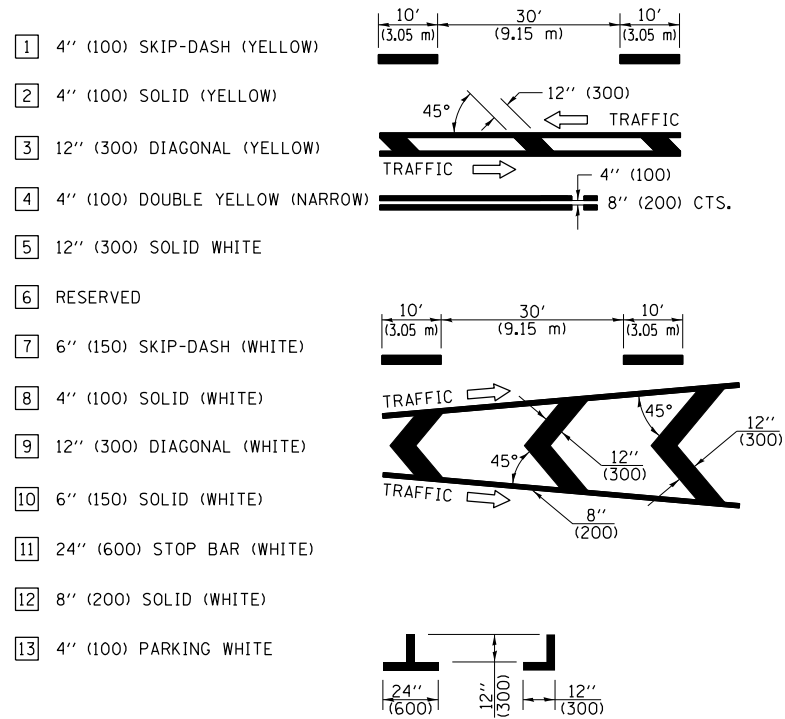
URBAN LEFT TURN



* REDUCE TO 40 FEET (12.2 METERS) SPACING ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

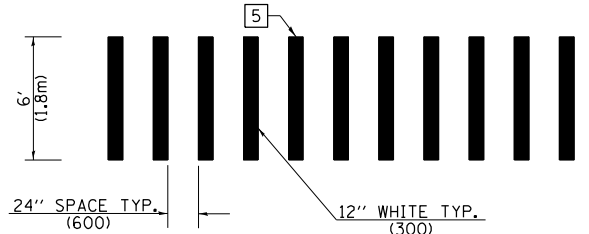
** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

PAVEMENT MARKING LEGEND

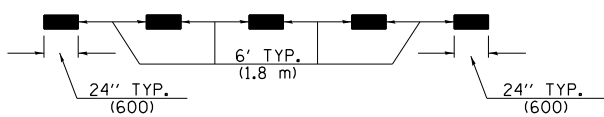


GENERAL NOTES

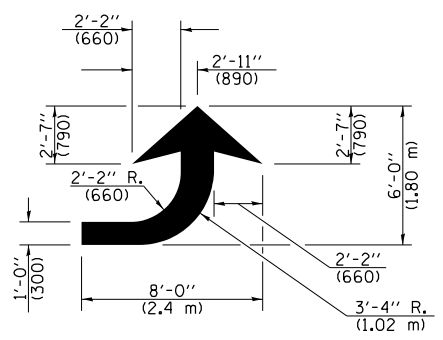
- TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE. USE A MINIMUM OF TWO PAIRS PER BLOCK.
- THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.
- THE SKIP-DASH PAVEMENT MARKINGS [1] OR [7] SHOULD BE CENTERED BETWEEN BOTH ENDS OF EACH CITY BLOCK AND SHALL BE PLACED SO THEY LINE UP ACROSS FROM EACH OTHER.
- USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780x FOR SYMBOLS TABLE)
- LANE LINE EXTENSIONS SHALL BE THE SAME COLOR AND WIDTH AS THE LANE LINE BEING EXTENDED.
- ALL WHITE SKIP-DASH LINES SHALL BE 6" IN WIDTH.



CROSSWALK DETAIL (DECATUR CITY LIMITS ONLY)

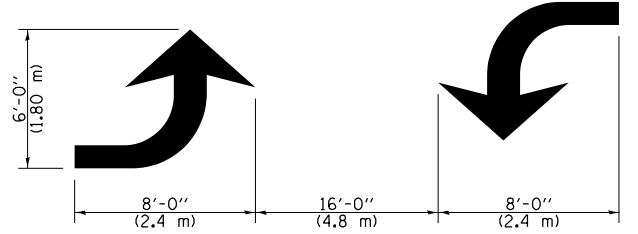


LANE LINE EXTENSIONS



LEFT ARROW

REVERSE FOR RIGHT ARROW
AREA = 15.6 SQ. FT. (1.47 m²)
(WHITE)



TYPICAL DOUBLE TURN ARROWS (WHITE)

NOT TO SCALE

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 7 DETAIL NO. 78000001

USER NAME = stefnank	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

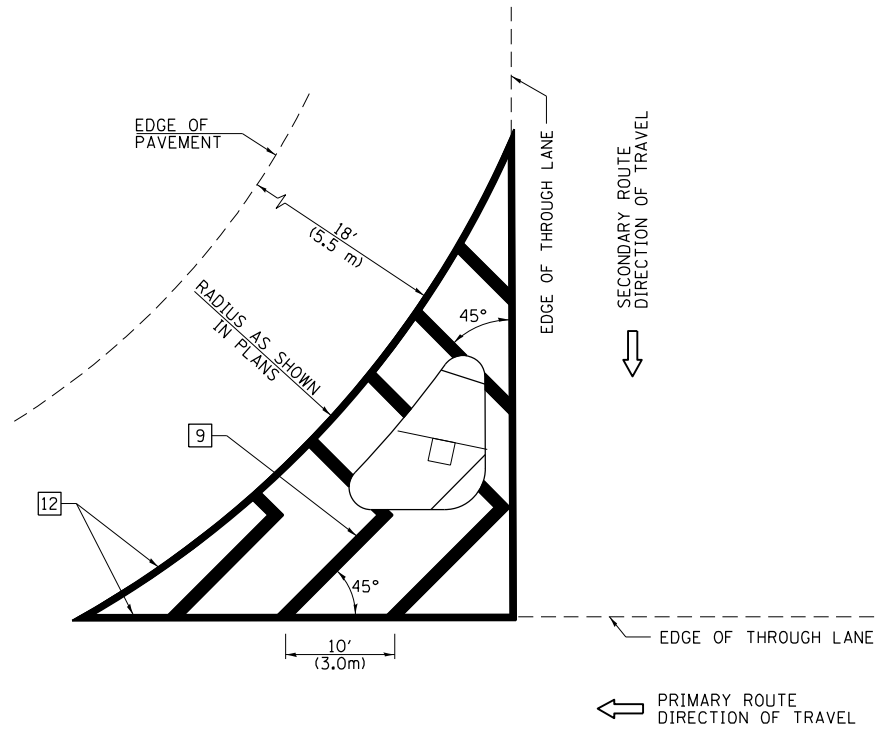
PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS
(RURAL & URBAN APPLICATIONS)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	127
CONTRACT NO. 74A24				
ILLINOIS FED. AID PROJECT				

SCALE: NO SCALE SHEET OF SHEETS STA. TO STA.

MODEL: Default
 FILE: \\blmfc-pw-bendevy.com\P\INDOT\Documents\DOT Office\Director_7\Projects\74A24\ICADD\DATA\CAD\Sheet\74A24-LeftDetail.dgn
 PROJECT: 74A24

ISLAND

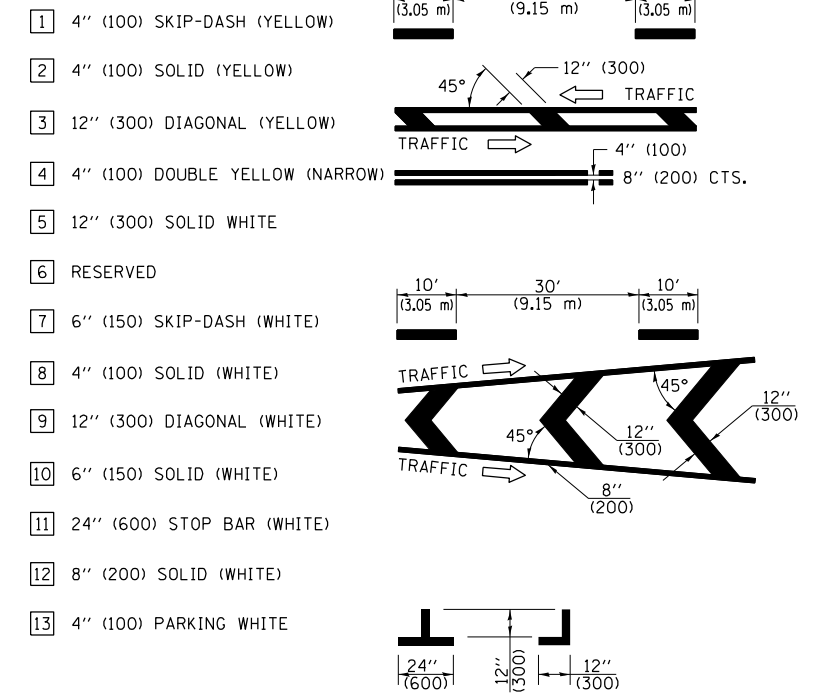


GENERAL NOTES

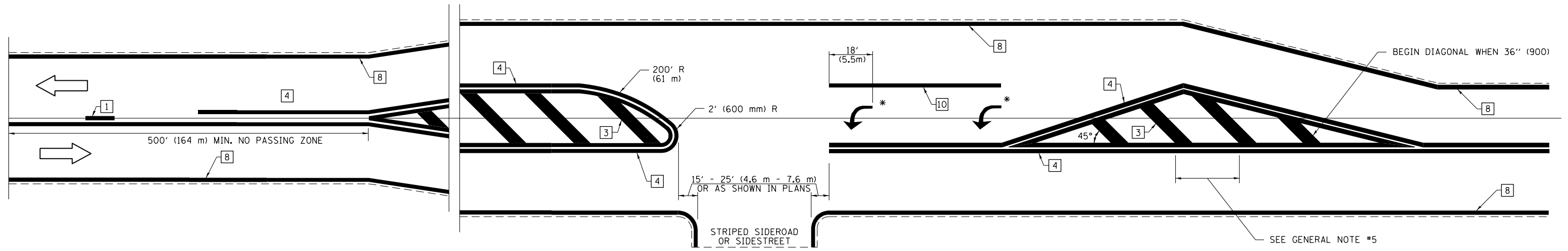
1. RAISED AND CORRUGATED MEDIANS SHALL BE OUTLINED WITH [2] IF PRESENT.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
5. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING:

< 30 MPH (< 50 km/h)	15' (4.5 m)
30-45 MPH (50-75 km/h)	20' (6.0 m)
> 45 MPH (> 75 km/h)	30' (9.0 m)

PAVEMENT MARKING LEGEND



RURAL LEFT TURN STRIPING



* PLACE AN ARROW 18' (5.5 m) BACK FROM STOP BAR. PLACE ANOTHER ARROW EVEN WITH THE BEGINNING OF THE SOLID WHITE LINE. SPACE ADDITIONAL ARROWS EVENLY UP TO 80' (24.4 m) MAXIMUM SPACING. USE MINIMUM OF 2 ARROWS.

NOT TO SCALE

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 7 DETAIL NO. 7800001

USER NAME = steffnmk	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 4/18/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

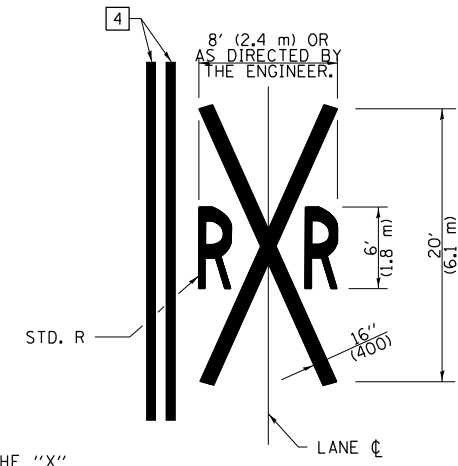
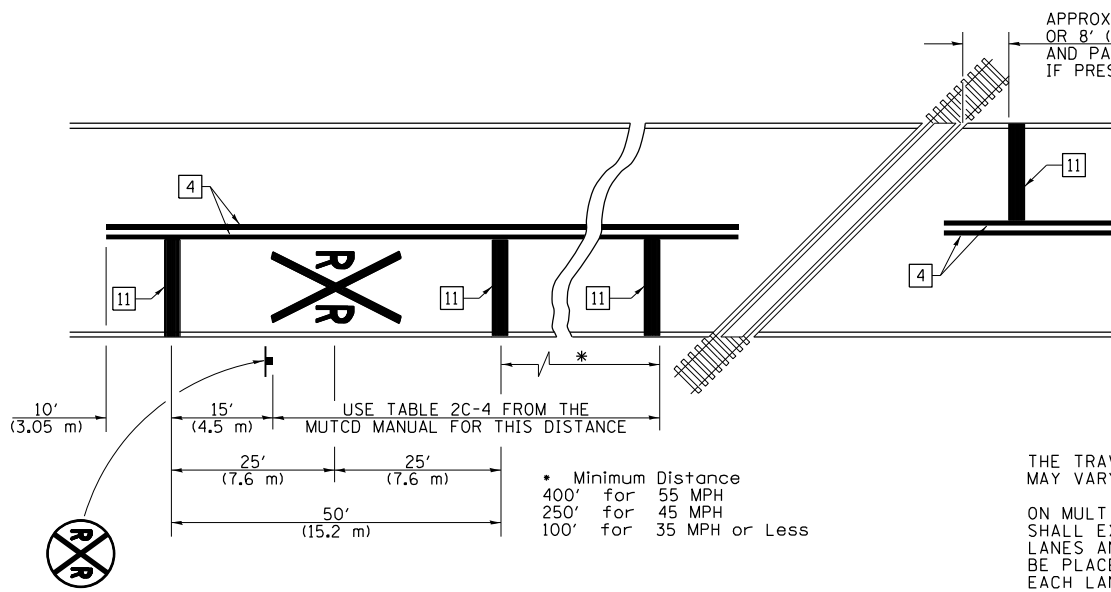
**PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS
(RURAL & URBAN APPLICATIONS)**

SCALE: NO SCALE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	128
			CONTRACT NO. 74A24	
ILLINOIS FED. AID PROJECT				

MODEL: Default FILE NAME: p:\project-aw-bee\paw.com\p\dot\Documents\DOT Office\Drawings\74A24\CD\Drawings\DOT\Drawings\74A24\LeftTurnStriping.dwg

PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING



NOTES

THE TRAVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.

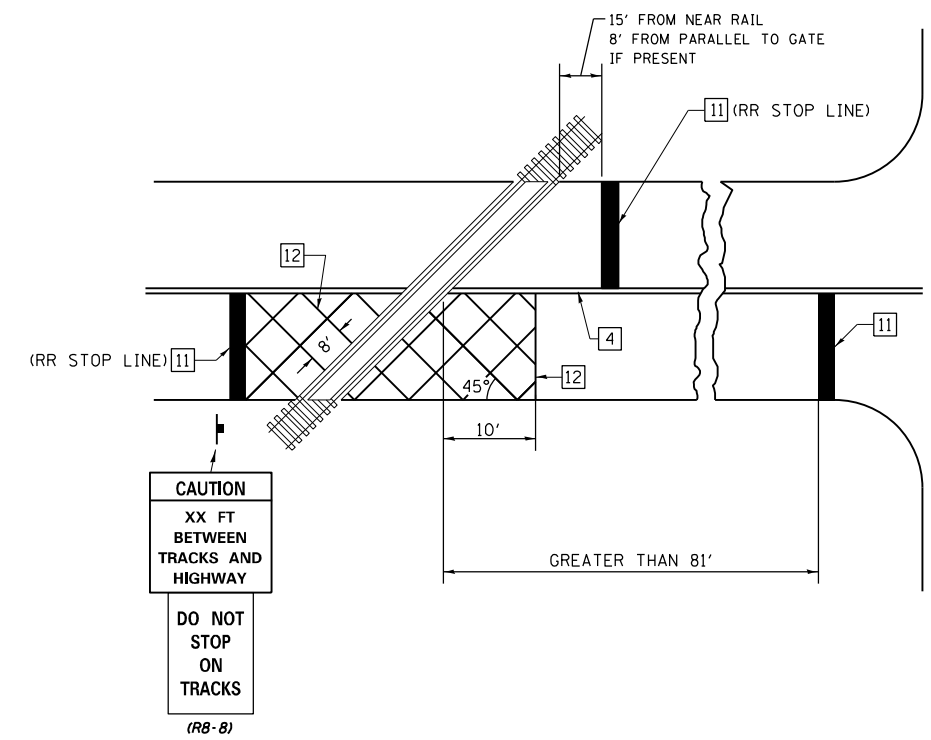
ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.

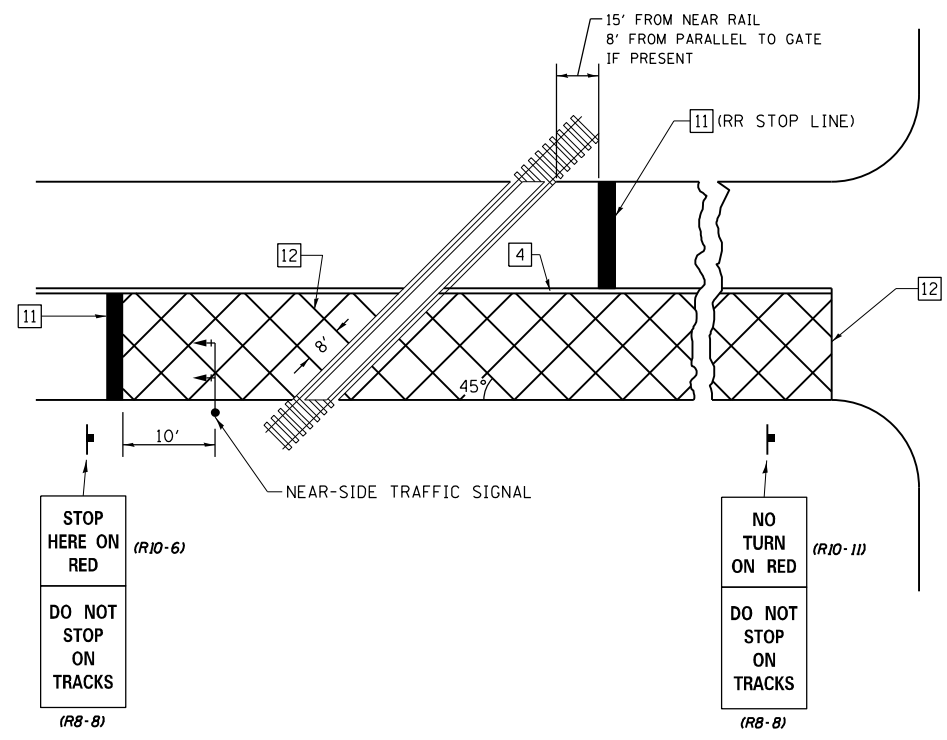
PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
 - 2 4" (100) SOLID (YELLOW)
 - 3 12" (300) DIAGONAL (YELLOW)
 - 4 4" (100) DOUBLE YELLOW (NARROW)
 - 5 12" (300) SOLID WHITE
 - 6 RESERVED
 - 7 6" (150) SKIP-DASH (WHITE)
 - 8 4" (100) SOLID (WHITE)
 - 9 12" (300) DIAGONAL (WHITE)
 - 10 6" (150) SOLID (WHITE)
 - 11 24" (600) STOP BAR (WHITE)
 - 12 8" (200) SOLID (WHITE)
 - 13 4" (100) PARKING WHITE
-

RAILROAD CROSSING WITH INTERCONNECT ONLY



RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



GENERAL NOTES

1. SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
2. EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.

SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

NOT TO SCALE

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 7 DETAIL NO. 7800001

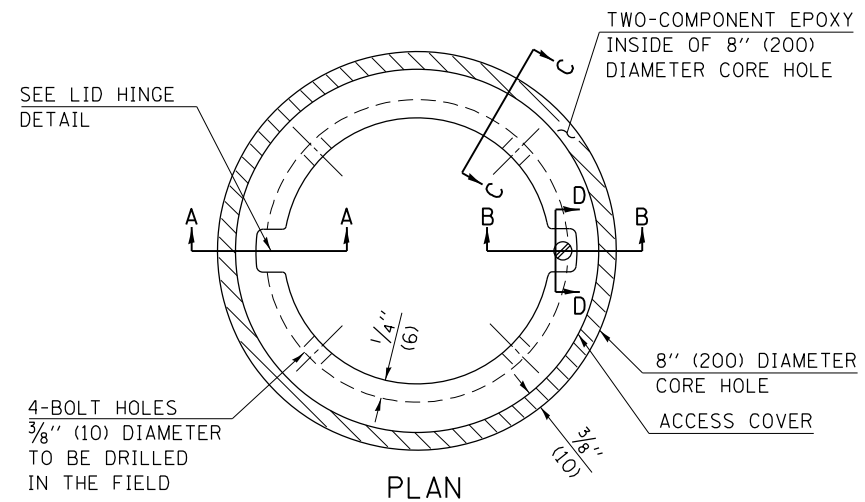
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS
(RURAL & URBAN APPLICATIONS)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	129
			CONTRACT NO. 74A24	
ILLINOIS FED. AID PROJECT				

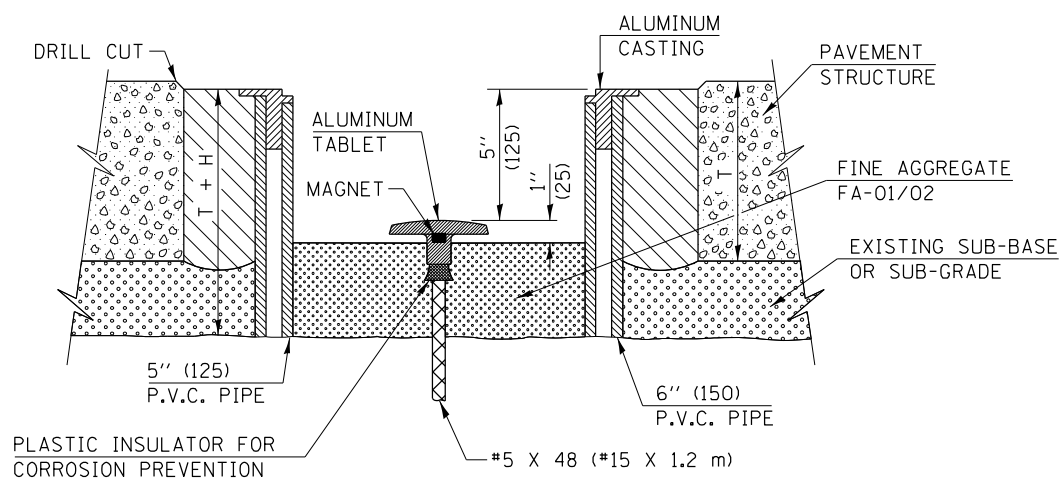
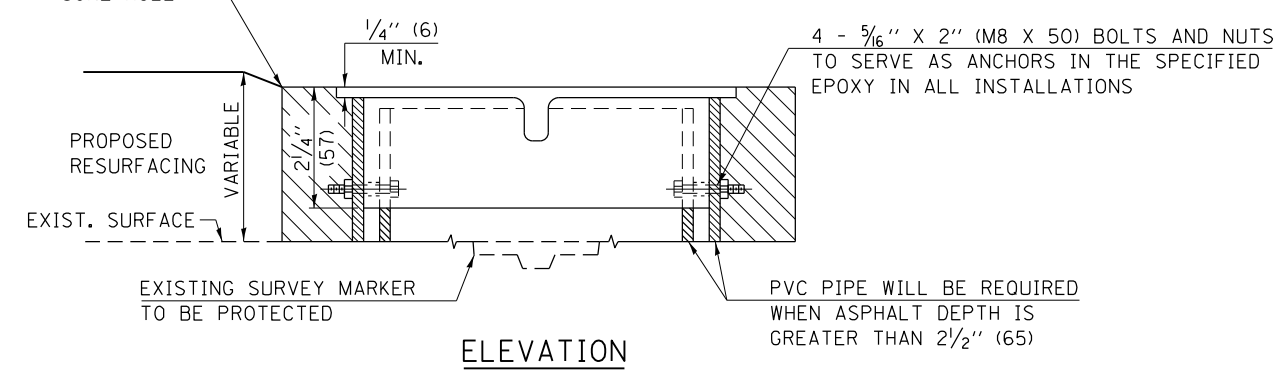
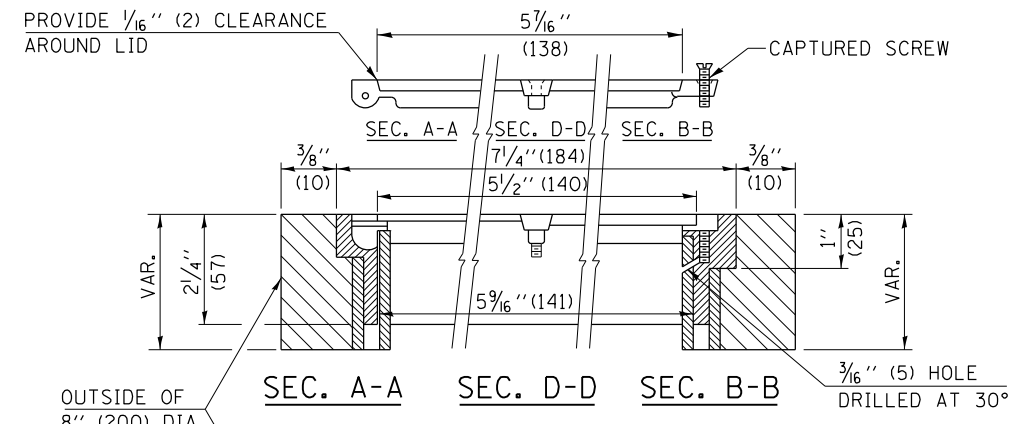
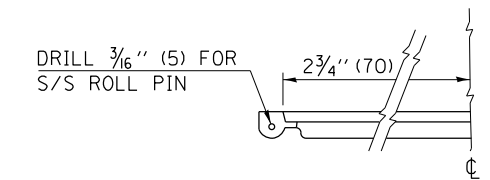
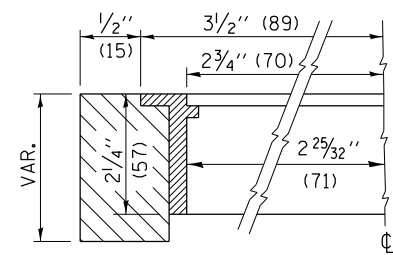
USER NAME = stefnrmk	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 4/18/2022	CHECKED -	REVISED -
	DATE -	REVISED -

MODEL: Default
FILE: \\mllpc-pub\uldest-pw-behdfy.com\PIV\DOT\Documents\DOT Office\Director_7\Project\74A24\CAD\Detail\74A24-12-14-24.dwg



- LEGEND**
- ALUMINUM CASTING
 - 5" (125) OR 6" (150) P.V.C. PIPE
 - TWO-COMPONENT EPOXY
- T = THICKNESS OF PAVEMENT STRUCTURE
H = THE THICKNESS OF THE SUB-BASE GRANULAR + 1" (25)

BILL OF MATERIAL	
ALUMINUM CASTING OF THE DIMENSIONS AND SPECIFICATIONS SHOWN OR OTHER SUBJECT TO ENGINEER'S APPROVAL OF SHOP DRAWINGS,	
4 EACH - 5/16" X 2" (M8 X 50) BOLTS WITH NUTS, EPOXY,	
5" OR 6" (125 mm OR 150 mm) DIAMETER P.V.C. PIPE, SCHEDULE 40 (WHEN REQUIRED).	



EXISTING SURVEY MARKER

PROPOSED SURVEY MARKER

NOT TO SCALE
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 7 DETAIL NO. Z0070202

USER NAME = stefnkmk	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 4/18/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL APPLICATIONS OF DETECTOR LOOPS

SCALE: NO SCALE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(141,142,143)RS-4	MOULTRIE	130	130
				CONTRACT NO. 74A24
ILLINOIS FED. AID PROJECT				

MODEL: Default
FILE NAME: p:\ultra-cw-beach\p\illinois\DOT\Office\Drawings\74A24\ICAD\Drawings\74A24-4-18-2022.dwg
PROJECT: 74A24-ICAD\Drawings\74A24-4-18-2022.dwg
DATE: 4/18/2022