

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(1&2)N	MOULTRIE	51	1
* FAP 762 & FAS 642		ILLINOIS	CONTRACT NO. 74A11	

CURRENT TRAFFIC DATA

2021 ADT = 4850

% TRUCKS = 13.9%

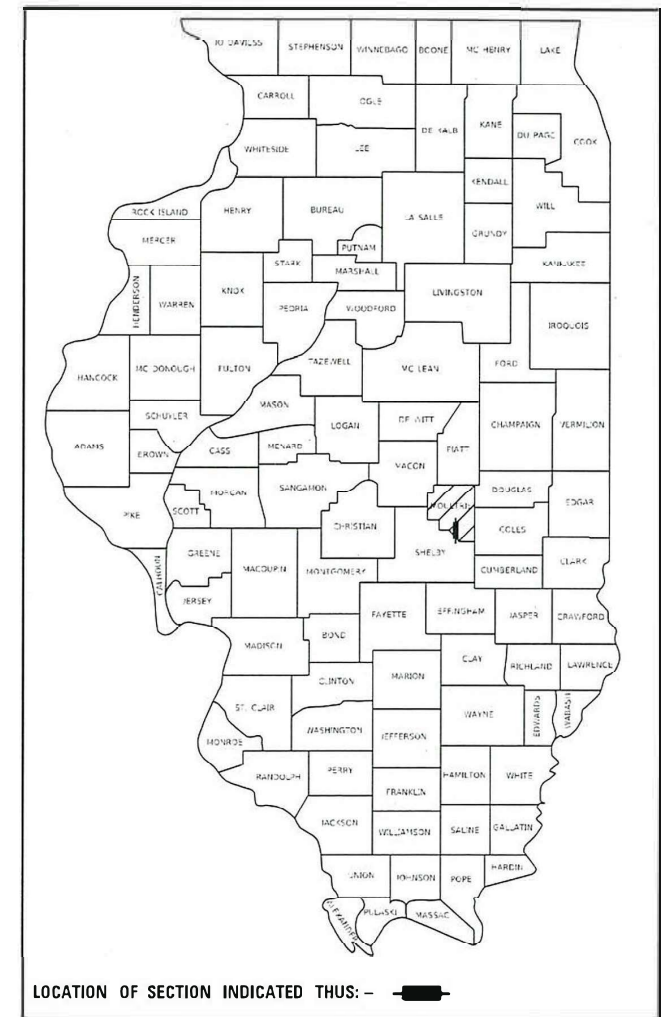
DEPARTMENT OF TRANSPORTATION

**PROPOSED
HIGHWAY PLANS**

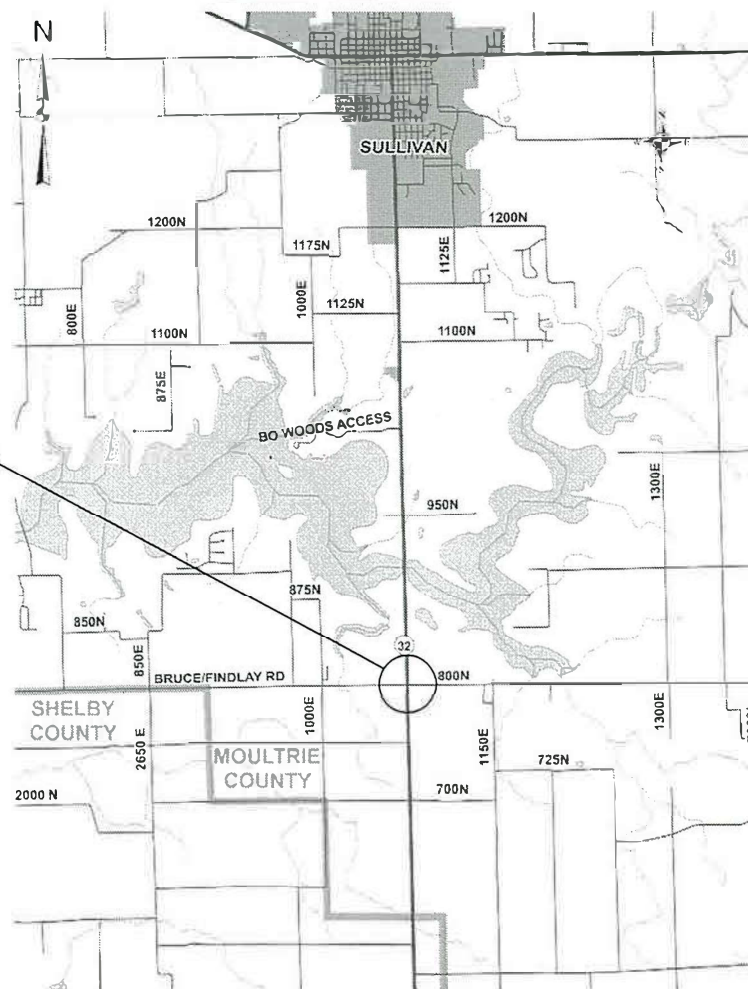
FAP ROUTE 762 (IL 32)
SECTION (1&2)N
PROJECT HSIP-GWY9(249)
INTERSECTION RECONSTRUCTION,
SAFETY IMPROVEMENTS
MOULTRIE COUNTY

FOR INDEX OF SHEETS, SEE SHEET NO. 2

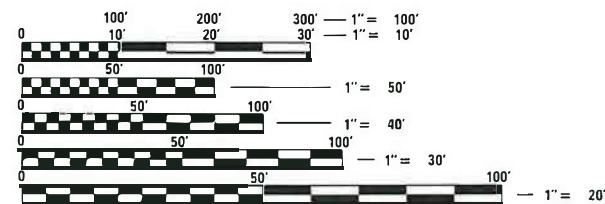
D-97-094-20



C-97-099-20



LOCATION OF
PROPOSED
IMPROVEMENT



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 BRIAN LEWIS
PROJECT MANAGER BENJAMIN J. DETERS

CONTRACT NO. 74A11

GROSS LENGTH = 998.26 FT. = 0.189 MILE
NET LENGTH = 998.26 FT. = 0.189 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED October 29, 2020
Jeffrey P. Meyer
REGIONAL ENGINEER

December 4, 2020
Scott A. Etk
ENGINEER OF DESIGN AND ENVIRONMENT

December 4, 2020
James J. ...
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS / HIGHWAY STANDARDS
3	GENERAL NOTES
4 - 7	SUMMARY OF QUANTITIES
8	TYPICAL CROSS SECTIONS
9 - 13	SCHEDULE OF QUANTITIES
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22 - 25	CURB AND GUTTER DETAILS
26	DITCH GRADING DETAILS
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32 - 34	SIGN DETAILS
35 - 39	SIGNAL DETAILS
40	RURAL ENTRANCE AND MAILBOX TURNOUT DETAILS WITH SHOULDERS
41	CONCRETE MEDIAN, TYPE S-6.06 / PAVING DETAILS
42	ADDITIONAL DETAILS FOR CLASS SI CONCRETE (OUTLET), SPECIAL
43	RUMBLE STRIP APPLICATION
44	CORRUGATED MEDIAN (DOWELLED) - DISTRICT 7 DETAIL NO. 60624610
45 - 48	PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL AND URBAN APPLICATIONS) - DISTRICT DETAIL NO. 78000001
49	PRISMATIC CURB REFLECTOR - DISTRICT 7 DETAIL NO. 78200300
50	CLASS SI CONCRETE (OUTLET), SPECIAL - DISTRICT 7 DETAIL NO. X6060097
51	SURVEY MARKER VAULT - DISTRICT 7 DETAIL NO. Z0070202

STANDARD NO.	DESCRIPTION
000001 - 08	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001 - 02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
353001 - 05	PCC BASE COURSE WITH HMA BINDER AND SURFACE COURSES
420001 - 09	PAVEMENT JOINTS
420701 - 03	PAVEMENT WELDED WIRE REINFORCEMENT
442101 - 09	CLASS B PATCHES
442201 - 03	CLASS C AND D PATCHES
606001 - 07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606201 - 04	TYPE B GUTTER (INLET, OUTLET & ENTRANCE)
606301 - 04	PC CONCRETE ISLANDS AND MEDIANS
606306 - 04	CORRUGATED PC CONCRETE MEDIANS
667101 - 02	STEEL PLATE BEAM GUARDRAIL
701001 - 02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006 - 05	OFF-RD OPERATIONS, 2L, 2W, 15' RO 24" FROM PAVEMENT EDGE
701201 - 05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301 - 04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306 - 04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311 - 03	LANE CLOSURE, 2L, 2W MOVING OPERATIONS - DAY ONLY
701701 - 10	URBAN LANE CLOSURE, MULTIPLANE INTERSECTION
701901 - 08	TRAFFIC CONTROL DEVICES
720001 - 01	SIGN PANEL MOUNTING DETAILS
720006 - 04	SIGN PANEL ERECTION DETAILS
728001 - 01	TELESCOPING STEEL SIGN SUPPORT
731001 - 01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001 - 05	TYPICAL PAVEMENT MARKINGS
781001 - 04	TYPICAL APPLICATIONS OF RAISED REFLECTIVE PAVEMENT MARKINGS
782001 - 01	CURB REFLECTORS
805001 - 01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001 - 03	HANDHOLES
814006 - 03	DOUBLE HANDHOLES
880001 - 01	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION

REV. - MS

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USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, LIST OF STANDARDS				F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -		* (1&2)N	MOULTRIE	51	2					
PLOT DATE = 10/29/2020	CHECKED -	REVISED +		* FAP 762 & FAS 642	CONTRACT NO. 74A11							
DATE -	REVISED +	SCALE:		SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			

THE WORK IN THIS SECTION CONSISTS OF PAVEMENT REMOVAL AND PCC BASE COURSE WIDENING, CURB AND GUTTER, DOWELLED CORRUGATED AND RAISED MEDIANS, HMA SURFACE REMOVAL AND RESURFACING, AGGREGATE SHOULDERS, THERMOPLASTIC AND PREFORMED PLASTIC PAVEMENT MARKING, INTERSECTION SIGNAGE, ADVANCED WARNING RUMBLE STRIPS, FLASHING POST MOUNTED BEACONS, FLASHING AERIAL INTERSECTION BEACONS, AND ANY OTHER WORK NEEDED TO COMPLETE THIS SECTION.

MATERIAL FOR AGGREGATE WEDGE SHOULDER, TYPE B SHALL BE CRUSHED STONE, CRUSHED CONCRETE OR RAP.

PAVEMENT MARKING TAPE SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON HMA SURFACE COURSE.
 PAINT PAVEMENT MARKINGS SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON OTHER HMA LIFTS AND MILLED SURFACES.

THE FOLLOWING APPLICATION RATES WERE USED IN CALCULATING PLAN QUANTITIES AND HAVE BEEN INCLUDED FOR REFERENCE:
 AGGREGATE SHOULDERS 2.05 TON/CU YD
 HOT-MIX ASPHALT BINDER AND SURFACE 112 LB/SQ YD/INCH

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:

APPLICATION	AC/PG	DESIGN AIR VOIDS	MIXTURE COMPOSITION	FRICTION AGGREGATE	QUALITY MANAGEMENT
POLYMERIZED HMA SURFACE COURSE, MIX "D", N90 (1 1/2")	SBS PG 70-22	4.0% @ N=90	IL - 9.5	MIXTURE D	QC/QA
POLYMERIZED HMA BINDER COURSE, IL-9.5FG, N90, (1 1/4")	SBS PG 70-22	4.0% @ N=90	IL - 9.5FG	N/A	QC/QA

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(1&2)N	MOULTRIE	51	3
* FAP 762 & FAS 642			CONTRACT NO. 74A11	
		ILLINOIS	FED. AID PROJECT	

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE	
CODE NO	ITEM	UNIT		0021 90% FEDERAL 10% STATE	0021 90% FEDERAL 7.5% STATE 2.5% COUNTY
20200500	EARTH EXCAVATION (WIDENING)	CU YD	76	76	
21400100	GRADING AND SHAPING DITCHES	FOOT	101	101	
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	444	444	
35400500	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 10"	SQ YD	174	174	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	2946	2946	
40600990	TEMPORARY RAMP	SQ YD	417	417	
40603219	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N90	TON	224	224	
40604164	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N90	TON	419	419	
44000100	PAVEMENT REMOVAL	SQ YD	85	85	
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	3388	3388	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	416	416	
44201321	CLASS C PATCHES, TYPE III, 7 INCH	SQ YD	41	41	

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE	
CODE NO	ITEM	UNIT		0021 90% FEDERAL 10% STATE	0021 90% FEDERAL 7.5% STATE 2.5% COUNTY
44201323	CLASS C PATCHES, TYPE IV, 7 INCH	SQ YD	156	156	
44201353	CLASS C PATCHES, TYPE II, 10 INCH	SQ YD	25	25	
44201359	CLASS C PATCHES, TYPE IV, 10 INCH	SQ YD	144	144	
44201433	CLASS C PATCHES, TYPE IV, 16 INCH	SQ YD	300	300	
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	34	34	
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	28	28	
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	402	402	
60624610	CORRUGATED MEDIAN (DOWELLED)	SQ FT	1192	1192	
66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	3	3	
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	40	40	
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1	
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1	1	
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1	1	

* SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(1&2)N	MOULTRIE	51	4
* FAP 762 & FAS 642			CONTRACT NO. 74A11	
ILLINOIS		FED. AID PROJECT		

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0021 90% FEDERAL 10% STATE	0021 90% FEDERAL 7.5% STATE 2.5% COUNTY	
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	2	2		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	5	5		
67100100	MOBILIZATION	L SUM	1	1		
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	1		
	701201					
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	1		
	701306					
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	1		
	701701					
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	4	4		
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	70	70		
70300100	SHORT TERM PAVEMENT MARKING	FOOT	3095	3095		
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1032	1032		
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	282.4	282.4		
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	5344	5344		

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0021 90% FEDERAL 10% STATE	0021 90% FEDERAL 7.5% STATE 2.5% COUNTY	
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	209	209		
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	567	567		
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	96	96		
* 72000100	SIGN PANEL - TYPE 1	SQ FT	35	27.5	7.5	
* 72000200	SIGN PANEL - TYPE 2	SQ FT	288	208	80	
72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	10	6	4	
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	25	25		
* 73000100	WOOD SIGN SUPPORT	FOOT	283	206.7	76.3	
* 73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	2	2		
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	232.6	232.6		
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	5344	5344		
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	209	209		
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	567	567		

* SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(1&2)N	MOULTRIE	51	5
* FAP 762 & FAS 642			CONTRACT NO. 74A11	
ILLINOIS		FED. AID PROJECT		

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0021 90% FEDERAL 10% STATE	0021 90% FEDERAL 7.5% STATE 2.5% COUNTY	
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	96	96		
* 78006100	PREFORMED THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	49.8	49.8		
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	86	86		
* 78200020	CURB REFLECTORS	EACH	65	65		
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	65	65		
* 81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	115	84	31	
* 81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	3627	2735	892	
* 81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	152	152		
* 81100500	CONDUIT ATTACHED TO STRUCTURE, 1 1/2" DIA., GALVANIZED STEEL	FOOT	358	358		
* 81400100	HANDHOLE	EACH	9	8	1	
* 81400300	DOUBLE HANDHOLE	EACH	1	1		
* 81500100	GULFBOX JUNCTION	EACH	4	3	1	
* 85820200	FLASHER CONTROLLER, SPECIAL	EACH	1	1		

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0021 90% FEDERAL 10% STATE	0021 90% FEDERAL 7.5% STATE 2.5% COUNTY	
* 87200400	SPAN WIRE	FOOT	142	142		
* 87200500	TETHER WIRE	FOOT	142	142		
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	6251	5328	923	
* 87302245	ELECTRIC CABLE AERIAL SUSPENDED, SIGNAL, NO. 14 5C	FOOT	169	169		
* 88000105	FLASHING BEACON INSTALLATION	EACH	1	1		
* 88040030	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 1-SECTION, POST MOUNTED	EACH	18	13	5	
89502400	REMOVE EXISTING FLASHING BEACON INSTALLATION COMPLETE	EACH	1	1		
X0326440	SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)	SQ YD	1657	1657		
* X0327643	TRAFFIC SIGNAL WOOD POLE, 40 FT, CLASS 5	EACH	2	2		
X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.25	0.25		
X6060097	CLASS SI CONCRETE (OUTLET), SPECIAL	CU YD	12	12		
X6061300	CONCRETE MEDIAN, TYPE SB-6.06 (DOWELLED)	SQ FT	2241	2241		

* SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(1&2)N	MOULTRIE	51	6
* FAP 762 & FAS 642			CONTRACT NO. 74A11	
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0021 90% FEDERAL 10% STATE	0021 90% FEDERAL 7.5% STATE 2.5% COUNTY	
* X7830060	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	554.2	554.2		
* X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	5344	5344		
* X7830076	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	209	209		
* X7830078	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	567	567		
* X7830090	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	96	96		
* X8050095	SERVICE INSTALLATION (SPECIAL)	EACH	1	1		
* X8800081	SIGNAL HEAD, LED, 4-FACE, 1-SECTION, SPAN WIRE MOUNTED	EACH	2	2		
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	949	949		
Z0049799	PROTECTING OR RESETING SURVEY MARKERS	EACH	4	4		
Z0055600	RUMBLE STRIP	SQ YD	600	600		
Z0070202	SURVEY MARKER VAULT	EACH	1	1		

SUMMARY OF QUANTITIES				TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT					

* SPECIALTY ITEM

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STATE OF ILLINOIS
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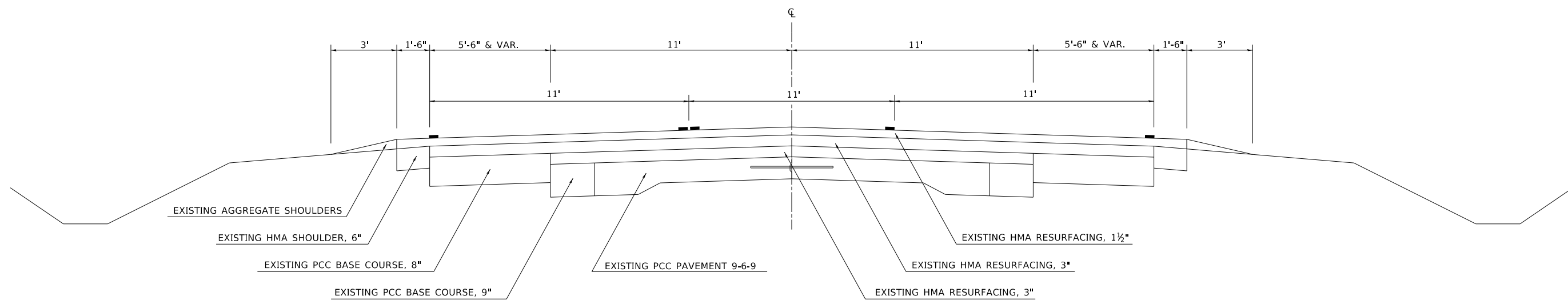
SUMMARY OF QUANTITIES			
SCALE:	SHEET 4	OF 4	SHEETS
	STA.	TO STA.	

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(1&2)N	MOULTRIE	51	7
* FAP 762 & FAS 642		CONTRACT NO. 74A11		
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL CROSS SECTION

IL 32

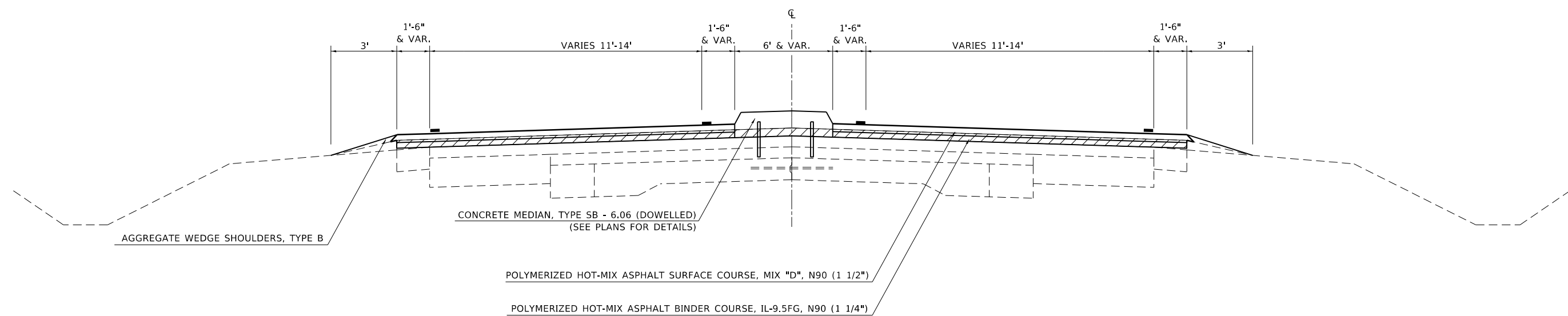
STATION TO STATION
285+80.87 295+79.13



PROPOSED TYPICAL CROSS SECTION

IL 32

STATION TO STATION
285+80.87 295+79.13



HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(1&2)N	MOULTRIE	51	8
* FAP 762 & FAS 642			CONTRACT NO. 74A11	
ILLINOIS FED. AID PROJECT				

EARTHWORK				
LOCATION	EARTH EXCAVATION (WIDENING)	EMBANKMENT	25% EARTH EXCAVATION SHRINKAGE	FURNISHED EXCAVATION
	CU YD		CU YD	(CU YD)
NW QUADRANT	6.8	10.8	5.1	5.8
NE QUADRANT	17.6	16.9	13.2	3.7
SW QUADRANT	12.7	3.4	9.5	-6.2
SE QUADRANT	38.7	11.5	29.0	-17.5
TOTAL =	75.8			0.0
ROUND TO:	76.0			

CORRUGATED MEDIAN				
LOCATION	STATIONING		AREA (SQ FT)	CORRUGATED MEDIAN (DOWELLED) (SQ FT)
	FROM	TO		
IL 32 - NORTH END	287+25.60	288+74.19	686.3	686.3
IL 32 - SOUTH END	292+96.13	294+30.10	505.2	505.2
TOTAL =				1,191.5
ROUND TO:				1,192.0

RAISED MEDIAN				
LOCATION	STATIONING		AREA (SQ FT)	CONCRETE MEDIAN, TYPE SB-6.06 (DOWELLED) (SQ FT)
	FROM	TO		
IL 32 - NORTH END	288+57.60	290+40.90	1,017.7	1,017.7
IL 32 - SOUTH END	291+17.10	292+98.10	1,007.4	1,007.4
NE QUADRANT - TURN ISLAND	290+56.50	290+66.10	107.6	107.6
SW QUADRANT - TURN ISLAND	290+92.30	291+02.00	107.6	107.6
TOTAL =				2,240.3
ROUND TO:				2,241.0

SEEDING		
LOCATION	SEEDING AREA	SEEDING AREA
	(SQ FT)	(ACRE)
NE QUADRANT	1,320.2	0.030
NW QUADRANT	359.4	0.008
SE QUADRANT	1,459.2	0.033
SW QUADRANT	909.6	0.021
TOTAL		0.093
ROUND TO		0.25

WIDENING SCHEDULE						
LOCATION	AREA (SQ FT)	SUBBASE GRANULAR MATERIAL, TYPE B 4" (SQ YD)	PORTLAND CEMENT BASE COURSE WIDENING 10" (SQ YD)	PAVEMENT REMOVAL (SQ YD)	COMBINATION CURB AND GUTTER REMOVAL (FOOT)	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (FOOT)
NW QUADRANT	323.60	90.0	31.4	36.0	87.3	66.5
NE QUADRANT	265.80	122.8	40.0	23.1	33.2	146.7
NE QUADRANT RIGHT TURN ISLAND					33.2	
SW QUADRANT	226.90	102.8	41.6	21.5	98.8	76.2
SW QUADRANT RIGHT TURN ISLAND					35.2	
SE QUADRANT	35.80	128.5	60.7	4.0	128.0	112.4
TOTAL =		444.0	173.6	84.6	415.7	401.8
ROUND TO:			174.0	85.0	416.0	402.0

SURVEY MARKERS					
STATION	OFFSET	DESCRIPTION	PERMANENT SURVEY MARKERS, TYPE I (EACH)	SURVEY MARKER VAULT (EACH)	PROTECTING AND RESETTING SURVEY MARKERS (EACH)
IL-32					
285+95.26	CL	P.C.	1		1
290+95.26	0.90' RT.	P.I.	1		1
295+95.26	CL	P.T.	1		1
BRUCE FINDLAY RD					
50+00.00	CL	EXISTING VAULT IN PAVEMENT		1	1
TOTAL =			3	1	4

CONCRETE OUTLETS		
LOCATION	STATION	CLASS SI CONCRETE (OUTLET), SPECIAL (CU YD)
OUTLETS BASED ON DISTRICT 7 DETAIL X6060097		
NW QUADRANT	290+05.00	0.56
NE QUADRANT	289+54.00	0.56
NE QUADRANT	290+66.00	0.56
SE QUADRANT	290+96.00	0.56
SE QUADRANT	291+53.00	0.56
ADDITIONAL OUTLETS		
NW QUADRANT	290+52.00	1.79
NE QUADRANT	290+38.00	1.60
SW QUADRANT	291+02.00	1.65
SW QUADRANT	291+62.00	1.51
SE QUADRANT	291+16.00	1.78
GRAND TOTAL =		11.1
ROUND TO =		12.0

MODEL: Default
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USER NAME = steffemk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/29/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES			
SCALE:	SHEET 1 OF 5 SHEETS	STA.	TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(1&2)N	MOULTRIE	51	9
* FAP 762 & FAS 642		CONTRACT NO. 74A11		
ILLINOIS		FED. AID PROJECT		

PATCHING / RUMBLE STRIPS													
LOCATION	STATIONING		LENGTH (FEET)	LANE WIDTH (FEET)	RUMBLE/PATCH WIDTH (FEET)	AREA (SQ YD)	CLASS C PATCHES, TYPE III, 7 INCH	CLASS C PATCHES, TYPE IV, 7 INCH	CLASS C PATCHES, TYPE II, 10 INCH	CLASS C PATCHES, TYPE IV, 10 INCH	CLASS C PATCHES, TYPE IV, 16 INCH	CLASS D PATCHES, TYPE IV, 10 INCH	RUMBLE STRIP
	FROM	TO					(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)
IL 32 SB	280+72.00	280+99.00	27.0	11.0	12.0	36.0					36.0		36.0
IL 32 SB	283+19.00	283+46.00	27.0	11.0	12.0	36.0					36.0		36.0
IL 32 SB	285+66.00	285+93.00	27.0	11.0	12.0	36.0					36.0		36.0
IL 32 SB	287+65.00	287+92.00	27.0	13.0	14.0	42.0					42.0		42.0
IL 32 NB	293+65.00	293+92.00	27.0	13.0	14.0	42.0					42.0		42.0
IL 32 NB	295+65.00	295+92.00	27.0	11.0	12.0	36.0					36.0		36.0
IL 32 NB	298+14.00	298+41.00	27.0	11.0	12.0	36.0					36.0		36.0
IL 32 NB	300+62.00	300+89.00	27.0	11.0	12.0	36.0					36.0		36.0
BRUCE FINDLAY RD EB	36+50.00	36+64.00	14.0	12.0	13.0	20.2	20.2						
BRUCE FINDLAY RD EB	39+17.00	39+44.00	27.0	12.0	13.0	39.0		39.0					39.0
BRUCE FINDLAY RD EB	41+52.00	41+66.00	14.0	12.0	13.0	20.2	20.2						
BRUCE FINDLAY RD EB	42+00.00	42+27.00	27.0	12.0	13.0	39.0		39.0					39.0
BRUCE FINDLAY RD EB	44+83.00	45+10.00	27.0	12.0	13.0	39.0		39.0					39.0
BRUCE FINDLAY RD EB	46+83.00	47+10.00	27.0	12.0	13.0	39.0		39.0					39.0
BRUCE FINDLAY RD WB	52+91.00	53+18.00	27.0	11.0	12.0	36.0				36.0			36.0
BRUCE FINDLAY RD WB	54+91.00	55+18.00	27.0	11.0	12.0	36.0				36.0			36.0
BRUCE FINDLAY RD WB	55+40.00	55+65.00	25.0	11.0	12.0	33.3						33.3	
BRUCE FINDLAY RD WB	57+62.00	57+89.00	27.0	11.0	12.0	36.0				36.0			36.0
BRUCE FINDLAY RD WB	60+33.00	60+60.00	27.0	11.0	12.0	36.0				36.0			36.0
NE QUADRANT - EXISTING TURN ISLAND	290+60.00					13.9			13.9				
SW QUADRANT - EXISTING TURN ISLAND	290+97.00					10.2			10.2				
TOTAL =							40.4	156.0	24.1	144.0	300.0	33.3	600.0
ROUND TO:							41.0		25.0			34.0	

HOT-MIX ASPHALT SURFACE REMOVAL						
STATIONING		LENGTH (FEET)	WIDTH (FEET)	AREA (SQ YD)	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)
FROM	TO				(SQ YD)	(SQ YD)
286+10.90	289+30.00	319.1	31.7	1,123.9	1,123.9	
289+30.00	292+00.00	270.0	36.2	1,086.0	1,086.0	
292+00.00	295+49.10	349.1	30.4	1,177.2	1,177.2	
* CE - LEFT	286+75.00			150.4		150.4
* PRA - LEFT	290+80.00			765.1		765.1
* PRA - RIGHT	290+80.00			741.1		741.1
TOTAL =					3,387.2	1,656.5
ROUND TO:					3,388.0	1,657.0

* - AREA MEASURED IN CADD

EL/CL	LOCATION		LEGNTH (FOOT)	LONGITUDINAL JOINT SEALANT (FOOT)
	STATION	STATION		
IL 32				
CL	285+80.87	287+25.60	144.7	144.7
CL	290+40.90	291+17.10	76.2	76.2
CL	294+30.10	295+79.10	149.0	149.0
LT EL	289+82.10	291+38.40	156.3	156.3
RT EL	290+14.40	291+76.90	162.5	162.5
BRUCE FINDLAY RD				
CL	48+63.00	49+83.40	120.4	120.4
CL	50+18.50	51+58.10	139.6	139.6
TOTAL=				948.7
ROUND TO:				949.0

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USER NAME = steffenmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/29/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

SCALE: SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(1&2)N	MOULTRIE	51	10
* FAP 762 & FAS 642			CONTRACT NO. 74A11	
ILLINOIS		FED. AID PROJECT		

MODEL: Default
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HOT-MIX ASPHALT														
LOCATION			LENGTH (FOOT)	AVG. WIDTH (FOOT)	AREA (SQ FT)	AREA (SQ YD)	ISLAND AREA (SQ YD)	HOT MIX ASPHALT BINDER COURSE THICKNESS	HOT MIX ASPHALT SURFACE COURSE THICKNESS	MILLED SURFACE TACK COAT APPLICATION	BINDER SURFACE TACK COAT APPLICATION	BITUMINOUS MATERIALS (TACK COAT) (POUND)	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N90 (TON)	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5 MIX "D", N90 (TON)
STATION	TO	STATION						(INCH)	(INCH)	(POUND)	(POUND)		(POUND)	(TON)
IL 32 NB														
285+80.90		286+00.90	20.0	13.2	264.0	29.3		2.00	13.2			13.2		3.3
286+00.90		286+05.90	5.0	13.2	66.0	7.3	1.13	1.50	3.3	1.7		5.0	0.5	0.6
286+05.90		287+25.60	119.7	14.7	1,759.6	195.5		1.25	1.50	88.0	44.0	132.0	13.7	16.4
287+25.60		288+59.60	134.0	14.9	1,996.6	221.8		1.25	1.50	99.8	49.9	149.7	15.5	18.6
288+59.60		290+10.90	151.3	14.7	2,224.1	247.1		1.25	1.50	111.2	55.6	166.8	17.3	20.8
290+10.90		290+40.90	30.0	15.9	477.0	53.0		1.25	1.50	23.9	11.9	35.8	3.7	4.5
290+40.90		291+17.10	76.2	18.6	1,417.3	157.5		1.25	1.50	70.9	35.4	106.3	11.0	13.2
291+17.10		292+29.10	112.0	15.0	1,680.0	186.7		1.25	1.50	84.0	42.0	126.0	13.1	15.7
292+29.10		292+96.10	67.0	15.5	1,038.5	115.4		1.25	1.50	51.9	26.0	77.9	8.1	9.7
292+96.10		294+30.10	134.0	14.5	1,943.0	215.9		1.25	1.50	97.2	48.6	145.7	15.1	18.1
294+30.10		295+54.10	124.0	14.7	1,822.8	202.5		1.25	1.50	91.1	45.6	136.7	14.2	17.0
295+54.10		295+59.10	5.0	12.4	62.0	6.9	1.13	1.50	3.1	1.6		4.7	0.4	0.6
295+59.10		295+79.10	20.0	12.4	248.0	27.6		2.00	12.4			12.4		3.1
IL 32 SB														
285+80.90		286+00.90	20.0	13.2	264.0	29.3		2.00	13.2			13.2		3.3
286+00.90		286+05.90	5.0	13.2	66.0	7.3	1.13	1.50	3.3	1.7		5.0	0.5	0.6
286+05.90		287+25.60	119.7	14.9	1,783.5	198.2		1.25	1.50	89.2	44.6	133.8	13.9	16.6
287+25.60		288+74.20	148.6	14.3	2,125.0	236.1		1.25	1.50	106.2	53.1	159.4	16.5	19.8
288+74.20		289+30.90	56.7	16.0	907.2	100.8		1.25	1.50	45.4	22.7	68.0	7.1	8.5
289+30.90		290+40.90	110.0	15.0	1,650.0	183.3		1.25	1.50	82.5	41.3	123.8	12.8	15.4
290+40.90		291+17.10	76.2	17.0	1,295.4	143.9		1.25	1.50	64.8	32.4	97.2	10.1	12.1
291+17.10		291+47.20	30.1	16.0	481.6	53.5		1.25	1.50	24.1	12.0	36.1	3.7	4.5
291+47.20		292+96.10	148.9	14.8	2,203.7	244.9		1.25	1.50	110.2	55.1	165.3	17.1	20.6
292+96.10		294+30.10	134.0	15.2	2,036.8	226.3		1.25	1.50	101.8	50.9	152.8	15.8	19.0
294+30.10		295+54.10	124.0	13.7	1,698.8	188.8		1.25	1.50	84.9	42.5	127.4	13.2	15.9
295+54.10		295+59.10	5.0	12.6	63.0	7.0	1.13	1.50	3.2	1.6		4.7	0.4	0.6
295+59.10		295+79.10	20.0	12.6	252.0	28.0		2.00	12.6			12.6		3.1
INCIDENTAL														
*	CE - LEFT	286+75.00	-----	-----	1,353.8	150.4			1.50	67.7		67.7		12.6
*	PRA - LEFT	290+80.00	-----	-----	6,885.7	765.1	12.0		1.50	338.9		338.9		63.3
*	PRA - RIGHT	690+80.00	-----	-----	6,669.9	741.1	12.0		1.50	328.1		328.1		61.2
SUB TOTAL												2,946.0	223.8	418.7
ROUND TO													224.0	419.0

* - AREA MEASURED IN CADD

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

USER NAME = steffenmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/29/2020	DATE -	REVISED -

SCALE: SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(1&2)N	MOULTRIE	51	11
* FAP 762 & FAS 642		CONTRACT NO. 74A11		
		ILLINOIS	FED. AID PROJECT	

SIGN PANEL ASSEMBLY REMOVAL							
LOCATION	STATION	DESCRIPTION	CATALOG #	SIZE	AREA (SQ FT)	TOTAL AREA (SQ FT)	REMOVE SIGN PANEL ASSEMBLY, TYPE B
							EACH
IL 32 SB	282+72	INTERSECTION WARNING	W2-1	48 X 48	16	19.8	1
		BRUCE FINDLAY RD		30 x 18	3.75		
IL 32 NB	298+88	INTERSECTION WARNING	W2-1	48 X 48	16	19.8	1
		BRUCE FINDLAY RD		30 x 18	3.75		
BRUCE FINDLAY RD EB - LT	41+18	STOP AHEAD	W3-1	48 X 48	16	16	1
BRUCE FINDLAY RD EB - RT	41+18	STOP AHEAD	W3-1	48 X 48	16	16	1
BRUCE FINDLAY RD EB - LT	49+28	STOP	R1-1	48 X 48	16	20.5	1
		CROSS TRAFFIC DOES NOT STOP	W4-4P	36 x 18	4.5		
BRUCE FINDLAY RD EB - RT	49+70	STOP	R1-1	48 X 48	16	20.5	1
		IL 32 DOES NOT STOP LOOK BOTH WAYS		36 x 18	4.5		
BRUCE FINDLAY RD WB - LT	50+32	STOP	R1-1	48 X 48	16	20.5	1
		IL 32 DOES NOT STOP LOOK BOTH WAYS		36 x 18	4.5		
BRUCE FINDLAY RD WB - RT	50+59	STOP	R1-1	48 X 48	16	20.5	1
		CROSS TRAFFIC DOES NOT STOP	W4-4P	36 x 18	4.5		
BRUCE FINDLAY RD WB - LT	58+58	STOP AHEAD	W3-1	48 X 48	16	16	1
BRUCE FINDLAY RD WB - RT	58+58	STOP AHEAD	W3-1	48 X 48	16	16	1
TOTAL							10

SIGN PANELS											
LOCATION	STATION	DESCRIPTION	CATALOG #	SIZE	AREA (SQ FT)	POST LENGTH TO BOTTOM OF SIGN PANEL (FOOT)	SIGN PANEL - TYPE 1	SIGN PANEL - TYPE 2	WOOD SIGN SUPPORT	TELESCOPING STEEL SIGN SUPPORT	BASE FOR TELESCOPING STEEL SIGN SUPPORT
							(SQ FT)	(SQ FT)	(FOOT)	(FOOT)	(EACH)
IL 32 SB - LT	282+72	STOP AHEAD	W3-1*	48 X 48	16	11.7		16	15.7		
IL 32 SB - RT	282+72	STOP AHEAD	W3-1*	48 X 48	16	12.9		16	16.9		
IL 32 SB - MEDIAN	288+61	KEEP RIGHT	R4-7	24 X 30	5	10	5			12.5	1
IL 32 SB - RT	290+30	STOP	R1-1*	48 X 48	16	10.4		16	15.4		
		ALL WAY	R1-3P*	30 X 12	2.5		2.5				
IL 32 SB - MEDIAN	290+32	STOP	R1-1*	48 X 48	16	10		16	15		
		ALL WAY	R1-3P*	30 X 12	2.5		2.5				
IL 32 NB - MEDIAN	291+25	STOP	R1-1*	48 X 48	16	10		16	15		
		ALL WAY	R1-3P*	30 X 12	2.5		2.5				
IL 32 NB - LT	291+28	STOP	R1-1*	48 X 48	16	10.7		16	15.7		
		ALL WAY	R1-3P*	30 X 12	2.5		2.5				
IL 32 NB - MEDIAN	292+94	KEEP RIGHT	R4-7	24 X 30	5	10	5			12.5	1
IL 32 NB - LT	298+88	STOP AHEAD	W3-1*	48 X 48	16	12.8		16	16.8		
IL 32 NB - RT	298+88	STOP AHEAD	W3-1*	48 X 48	16	12.5		16	16.5		
BRUCE FINDLAY RD EB - LT	41+18	STOP AHEAD	W3-1*	48 X 48	16	11.1		16	15.1		
BRUCE FINDLAY RD EB - RT	41+18	STOP AHEAD	W3-1*	48 X 48	16	11.2		16	15.2		
BRUCE FINDLAY RD EB - LT	49+38	STOP	R1-1*	48 X 48	16	10.3		16	15.3		
		ALL WAY	R1-3P*	30 X 12	2.5		2.5				
BRUCE FINDLAY RD EB - RT	49+54	STOP	R1-1*	48 X 48	16	10.7		16	15.7		
		ALL WAY	R1-3P*	30 X 12	2.5		2.5				
BRUCE FINDLAY RD EB - RT	49+66	STOP	R1-1*	48 X 48	16	10		16	15		
		ALL WAY	R1-3P*	30 X 12	2.5		2.5				
BRUCE FINDLAY RD WB - LT	50+31	STOP	R1-1*	48 X 48	16	11.7		16	16.7		
		ALL WAY	R1-3P*	30 X 12	2.5		2.5				
BRUCE FINDLAY RD WB - LT	50+47	STOP	R1-1*	48 X 48	16	11.5		16	16.5		
		ALL WAY	R1-3P*	30 X 12	2.5		2.5				
BRUCE FINDLAY RD WB - RT	50+62	STOP	R1-1*	48 X 48	16	10		16	15		
		ALL WAY	R1-3P*	30 X 12	2.5		2.5				
BRUCE FINDLAY RD WB - LT	58+59	STOP AHEAD	W3-1*	48 X 48	16	11.9		16	15.9		
BRUCE FINDLAY RD WB - RT	58+59	STOP AHEAD	W3-1*	48 X 48	16	11.5		16	15.5		
TOTAL							35.0	288.0	282.9	25.0	2
ROUND TO:									283.0		

* - INDICATES AN OVERSIZED SIGN PANEL

MODEL: Default
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USER NAME = steffenmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/29/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

SCALE: SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(1&2)N	MOULTRIE	51	12
* FAP 762 & FAS 642		CONTRACT NO. 74A11		
		ILLINOIS	FED. AID PROJECT	

4" PAVEMENT MARKING									
LINE/SD	LOCATION	STATIONING		LENGTH (FEET)	STRIPE WIDTH (INCH)	# OF LINES	THERMOPLASTIC PAVEMENT MARKING - LINE 4"		GROOVING FOR RECESSED PAVEMENT MARKING, 5" (FOOT)
		FROM	TO				WHITE	YELLOW	
		(FOOT)							
IL 32 NB									
LINE	NB CL	281+38.00	286+38.00	500.0	4	1.00		500.0	500.0
LINE	NB MEDIAN	286+38.00	290+42.40	404.4	4	1.00		410.7	410.7
LINE	NB MEDIAN	291+15.90	295+63.00	447.1	4	1.00		447.8	447.8
SD	NB CL	295+63.00	300+63.00	500.0	4	0.25		125.0	125.0
LINE	NB EL	285+80.90	289+51.56	370.7	4	1.00	370.7		370.7
LINE	NB EL	291+55.70	295+79.10	423.4	4	1.00	423.4		423.4
IL 32 SB									
SD	SB CL	281+38.00	286+38.00	500.0	4	0.25		125.0	125.0
LINE	SB MEDIAN	286+38.00	290+42.40	404.4	4	1.00		409.2	409.2
LINE	SB MEDIAN	291+15.90	295+63.00	447.1	4	1.00		447.9	447.9
LINE	SC CL	295+63.00	300+63.00	500.0	4	1.00		464.1	464.1
LINE	SB EL	285+80.90	290+01.90	421.0	4	1.00	421.0		421.0
LINE	SB EL	291+84.43	295+79.10	394.7	4	1.00	394.7		394.7
BRUCE-FINDLAY RD									
SD	CL	48+63.00	49+69.70	106.7	4	0.25		26.7	26.7
SD	CL	50+31.30	51+58.10	126.8	4	0.25		31.7	31.7
LINE	EB & WB EL	48+63.00	48+85.80	22.8	4	2.00	45.6		45.6
LINE	EB & WB EL	51+30.10	51+58.10	28.0	4	2.00	56.0		56.0
TURNING RADII									
LINE	NW QUADRANT	----	----	134.0	4	1.00	134.0		134.0
LINE	NE QUADRANT	----	----	198.0	4	1.00	198.0		198.0
LINE	SW QUADRANT	----	----	161.0	4	1.00	161.0		161.0
LINE	SE QUADRANT	----	----	151.0	4	1.00	151.0		151.0
SUB TOTAL							2,355.3	2,988.1	5,343.4
TOTAL							5,343.4		5,343.4
ROUND TO							5,344.0		5,344.0

EL = EDGE LINE
SD = SKIP DASH

8" PAVEMENT MARKING						
LOCATION	LENGTH (FEET)	STRIPE WIDTH (INCH)	# OF STRIPES	THERMOPLASTIC PAVEMENT MARKING - LINE 8"		GROOVING FOR RECESSED PAVEMENT MARKING, 9" (FOOT)
				WHITE	YELLOW	
				(FOOT)		
NE QUADRANT - ISLAND	104.0	8	3	104.0		104.0
SW QUADRANT - ISLAND	105.0	8	3	105.0		105.0
SUB TOTAL				209.0	0.0	
TOTAL				209.0		209.0

24" PAVEMENT MARKING						
LOCATION	LENGTH (FEET)	STRIPE WIDTH (INCH)	# OF STRIPES	THERMOPLASTIC PAVEMENT MARKING - LINE 24"		GROOVING FOR RECESSED PAVEMENT MARKING, 25" (FOOT)
				WHITE	YELLOW	
				(FOOT)		
STOP BAR - IL 32 NB	21.2	24	1	21.2		21.2
STOP BAR - IL 32 SB	22.0	24	1	22.0		22.0
STOP BAR BRUCE FINDLAY EB	26.8	24	2	26.8		26.8
STOP BAR BRUCE FINDLAY WB	25.9	24	2	25.9		25.9
SUB TOTAL				95.9	0.0	
TOTAL				95.9		95.9
ROUND TO				96.0		96.0

PAVEMENT MARKING - LETTERS AND SYMBOLS							
ROUTE	LOCATION	STATION	DESCRIPTION	TOTAL SIZE (SQ FT)	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	PREFORMED PLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	GROOVING FOR RECESSED PAVEMENT MARKING - LETTERS AND SYMBOLS
					(SQ FT)	(SQ FT)	(SQ FT)
IL 32	SB APPROACH	282+47	"STOP"	20.8	20.8		42.7
IL 32	SB APPROACH	282+97	"AHEAD"	29	29		53.1
IL 32	SB APPROACH	290+23	"STOP"	20.8	20.8		42.7
IL 32	NB APPROACH	291+35	"STOP"	20.8	20.8		42.7
IL 32	NB APPROACH	298+64	"AHEAD"	29	29		53.1
IL 32	NB APPROACH	299+14	"STOP"	20.8	20.8		42.7
BRUCE FINDLAY RD	EB APPROACH	40+93	"STOP"	20.8		20.8	42.7
BRUCE FINDLAY RD	EB APPROACH	41+43	"AHEAD"	29.0		29.0	53.1
BRUCE FINDLAY RD	EB APPROACH	49+56	"STOP"	20.8	20.8		42.7
BRUCE FINDLAY RD	WB APPROACH	50+56	"STOP"	20.8	20.8		42.7
BRUCE FINDLAY RD	WB APPROACH	58+35	"AHEAD"	29	29		53.1
BRUCE FINDLAY RD	WB APPROACH	58+85	"STOP"	20.8	20.8		42.7
GRAND TOTAL =					232.6	49.8	554.2

12" PAVEMENT MARKING						
LOCATION	LENGTH (FEET)	STRIPE WIDTH (INCH)	# OF DIAGONALS	THERMOPLASTIC PAVEMENT MARKING - LINE 12"		GROOVING FOR RECESSED PAVEMENT MARKING, 13" (FOOT)
				WHITE	YELLOW	
				(FOOT)		
NW QUADRANT	87.8	12	10	87.8		87.8
NE QUADRANT	145.5	12	13	145.5		145.5
SW QUADRANT	145.1	12	13	145.1		145.1
SE QUADRANT	112.8	12	12	112.8		112.8
NE QUADRANT - ISLAND	37.9	12	4	37.9		37.9
SW QUADRANT - ISLAND	37.4	12	4	37.4		37.4
SUB TOTAL				566.5	0.0	
TOTAL				566.5		566.5
ROUND TO				567.0		567.0

RAISED REFLECTIVE PAVEMENT MARKERS							
LINE/SD	LOCATION	STATIONING		LENGTH (FEET)	RRPM SPACING	RAISED REFLECTIVE PAVEMENT MARKERS	
		FROM	TO			CRYSTAL	AMBER
		(EACH)					
IL 32 NB							
LINE	NB CL	281+38.00	286+38.00	500.0	39.0		13.0
LINE	NB MEDIAN	286+38.00	288+57.60	219.6	40.0		6.0
LINE	NB MEDIAN	292+29.00	295+63.00	334.0	40.0		9.0
LINE	NB CL	295+63.00	300+63.00	500.0	41.0		13.0
IL 32 SB							
LINE	SB CL	281+38.00	286+38.00	500.0	39.0		13.0
LINE	SB MEDIAN	286+38.00	289+30.90	292.9	40.0		8.0
LINE	SB MEDIAN	292+96.10	295+63.00	266.9	40.0		7.0
LINE	SC CL	295+63.00	300+63.00	500.0	41.0		13.0
BRUCE-FINDLAY RD							
SD	CL	48+63.00	49+69.70	106.7	80.0		2.0
SD	CL	50+31.30	51+58.10	126.8	80.0		2.0
SUB TOTAL						0.0	86.0
TOTAL						86.0	

SD = SKIP DASH

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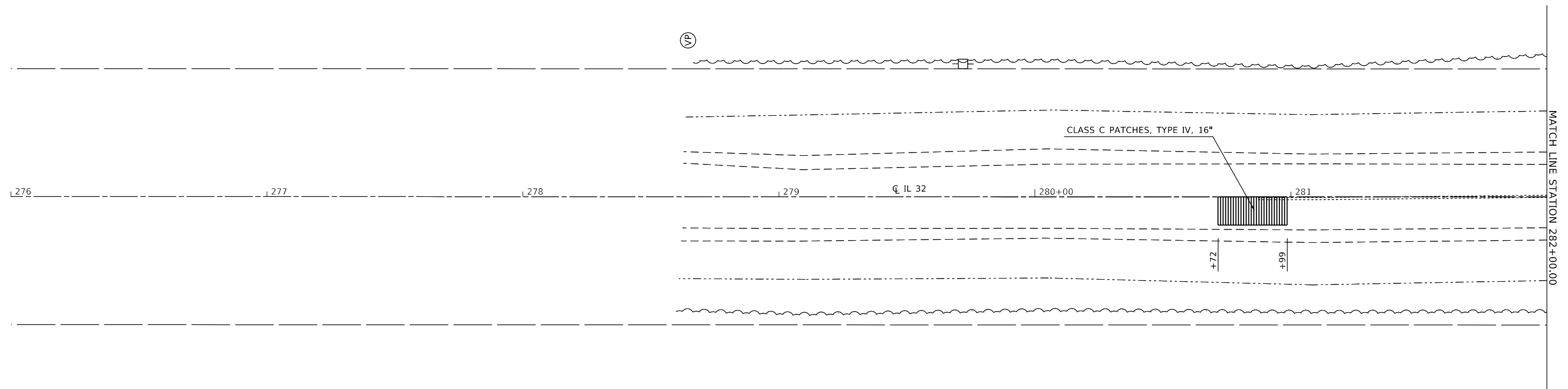
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

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

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(1&2)N	MOULTRIE	51	13
* FAP 762 & FAS 642		CONTRACT NO. 74A11		
ILLINOIS FED. AID PROJECT				



MATCH LINE STATION 282+00.00

SUGGESTED SEQUENCE OF OPERATIONS:
 REMOVE EXISTING CURB & GUTTER, PAVEMENT, ETC.
 CONSTRUCT PROPOSED PCC BASE COURSE WIDENING AND CURB & GUTTER.
 PERFORM HMA SURFACE REMOVAL.
 CONSTRUCT PROPOSED DOWELLED MEDIAN.
 CONSTRUCT PROPOSED HMA BINDER AND SURFACE COURSES.
 CONSTRUCT PROPOSED PCC AND HMA PATCHING, RUMBLE STRIPS, AND PAVEMENT MARKING.

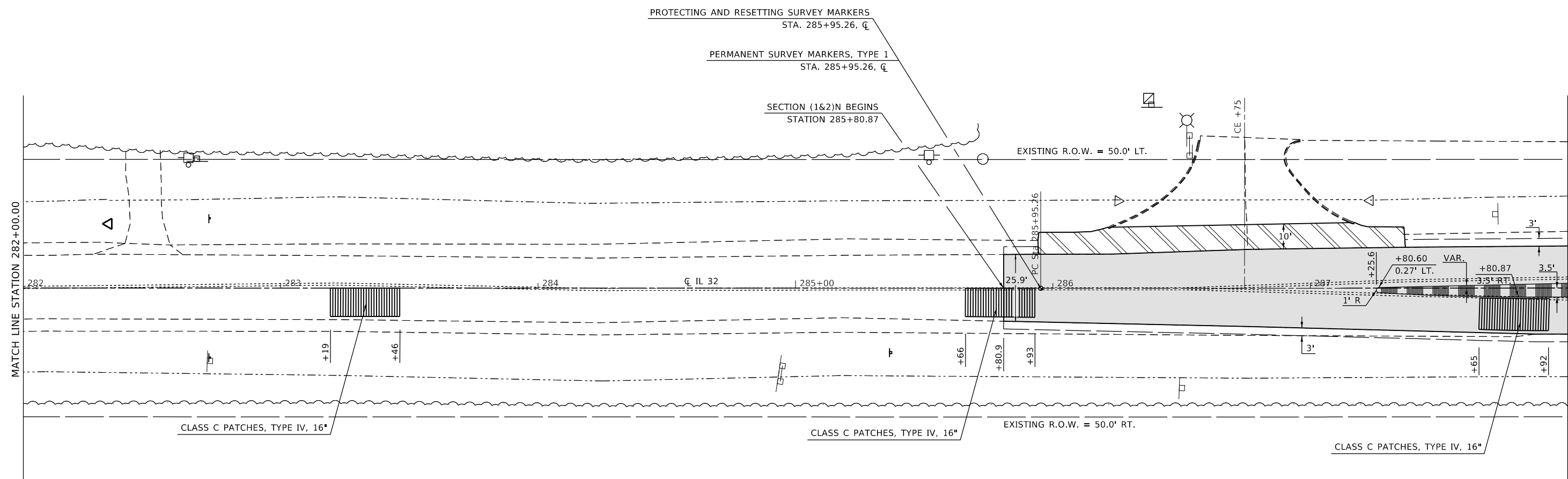
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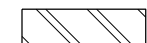
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS - IL 32			
SCALE:	SHEET 1	OF 7 SHEETS	STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(1&2)N	MOULTRIE	51	14
* FAP 762 & FAS 642			CONTRACT NO. 74A11	
ILLINOIS			FED. AID PROJECT	



SUGGESTED SEQUENCE OF OPERATIONS:
 REMOVE EXISTING CURB & GUTTER, PAVEMENT, ETC.
 CONSTRUCT PROPOSED PCC BASE COURSE WIDENING AND CURB & GUTTER.
 PERFORM HMA SURFACE REMOVAL.
 CONSTRUCT PROPOSED DOWELLED MEDIAN.
 CONSTRUCT PROPOSED HMA BINDER AND SURFACE COURSES.
 CONSTRUCT PROPOSED PCC AND HMA PATCHING, RUMBLE STRIPS, AND PAVEMENT MARKING.

HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2" 
 SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL) 

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS - IL 32

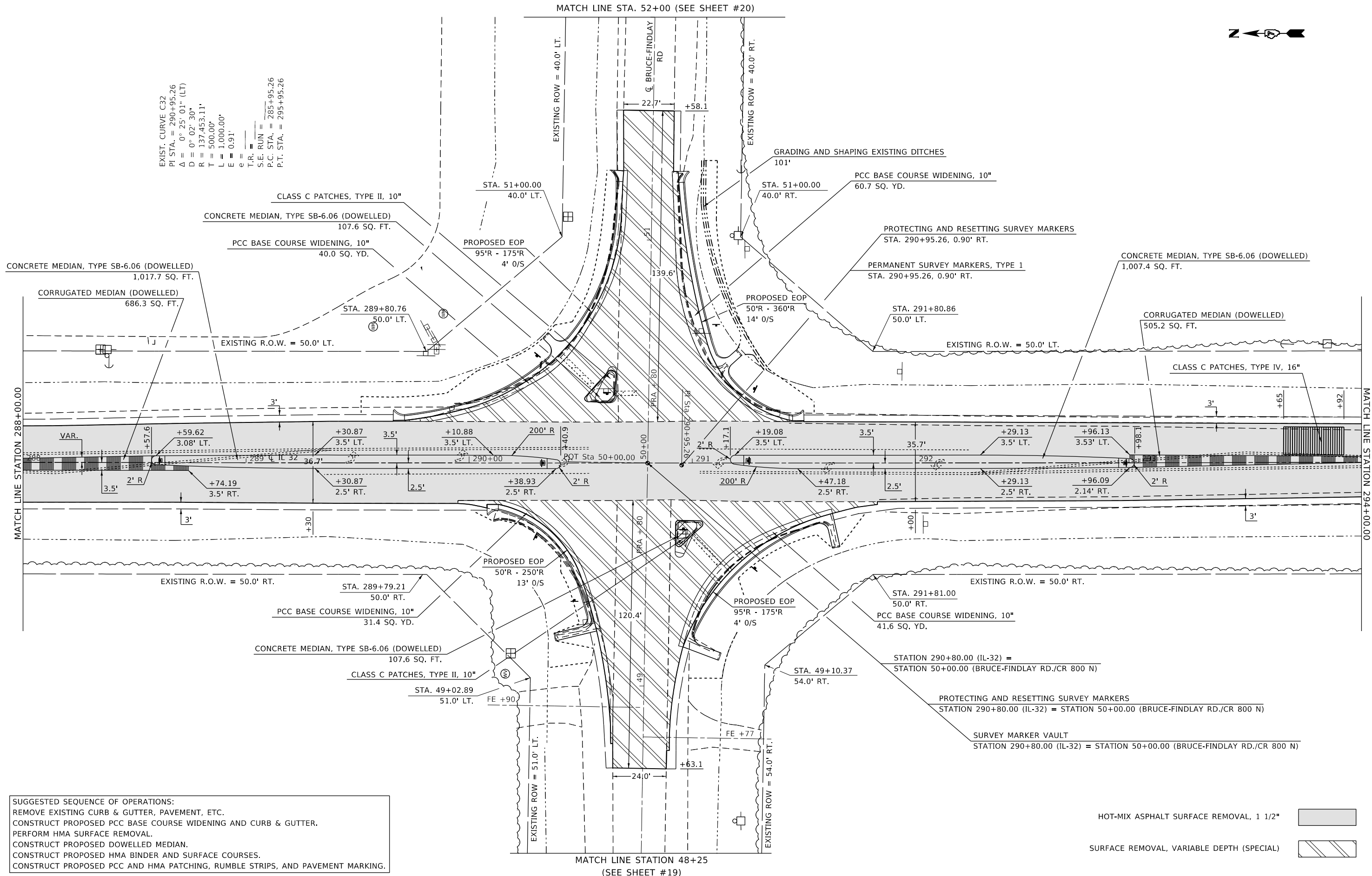
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F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(1&2)N	MOULTRIE	51	15
* FAP 762 & FAS 642			CONTRACT NO. 74A11	
ILLINOIS FED. AID PROJECT				

MATCH LINE STA. 52+00 (SEE SHEET #20)



EXIST. CURVE C32
 PI STA. = 290+95.26
 Δ = 0° 25' 01" (LT)
 D = 0° 02' 30"
 R = 137,453.11'
 T = 500.00'
 L = 1,000.00'
 E = 0.91'
 e =
 T.R. =
 S.E. RUN =
 P.C. STA. = 285+95.26
 P.T. STA. = 295+95.26



SUGGESTED SEQUENCE OF OPERATIONS:
 REMOVE EXISTING CURB & GUTTER, PAVEMENT, ETC.
 CONSTRUCT PROPOSED PCC BASE COURSE WIDENING AND CURB & GUTTER.
 PERFORM HMA SURFACE REMOVAL.
 CONSTRUCT PROPOSED DOWELLED MEDIAN.
 CONSTRUCT PROPOSED HMA BINDER AND SURFACE COURSES.
 CONSTRUCT PROPOSED PCC AND HMA PATCHING, RUMBLE STRIPS, AND PAVEMENT MARKING.

HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"

SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

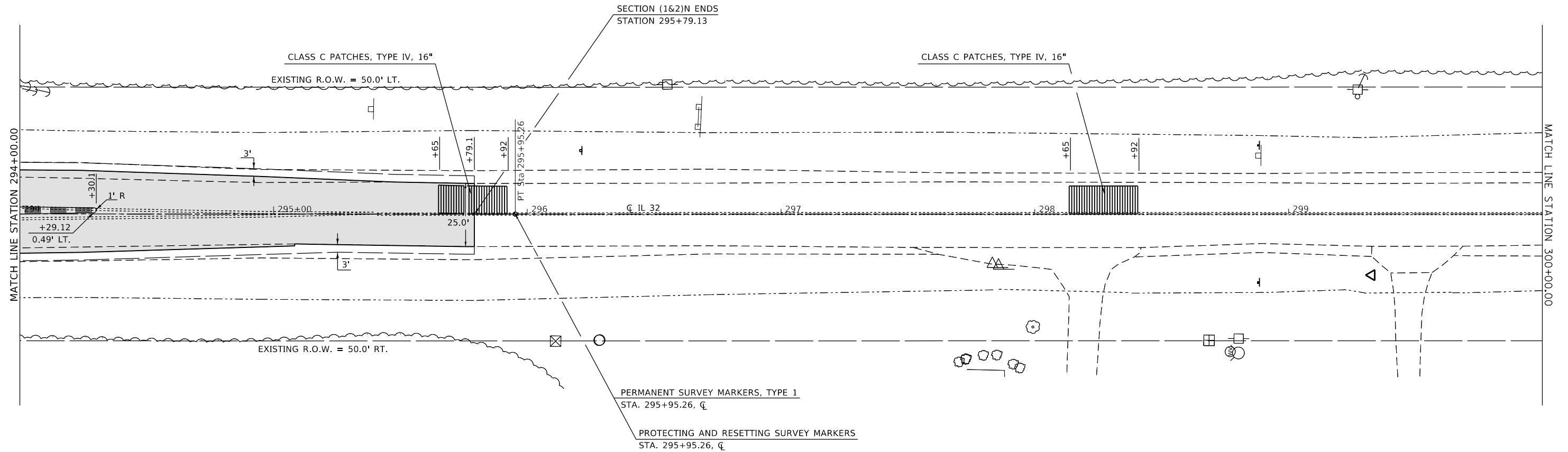
PLAN SHEETS - IL 32

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PLOT DATE = 10/29/2020	DATE -	REVISED -

SCALE:	SHEET 3	OF 7	SHEETS	STA.	TO STA.
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F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(1&2)N	MOULTRIE	51	16
* FAP 762 & FAS 642		CONTRACT NO. 74A11		
ILLINOIS FED. AID PROJECT				

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SUGGESTED SEQUENCE OF OPERATIONS:
 REMOVE EXISTING CURB & GUTTER, PAVEMENT, ETC.
 CONSTRUCT PROPOSED PCC BASE COURSE WIDENING AND CURB & GUTTER.
 PERFORM HMA SURFACE REMOVAL.
 CONSTRUCT PROPOSED DOWELLED MEDIAN.
 CONSTRUCT PROPOSED HMA BINDER AND SURFACE COURSES.
 CONSTRUCT PROPOSED PCC AND HMA PATCHING, RUMBLE STRIPS, AND PAVEMENT MARKING.

- HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)

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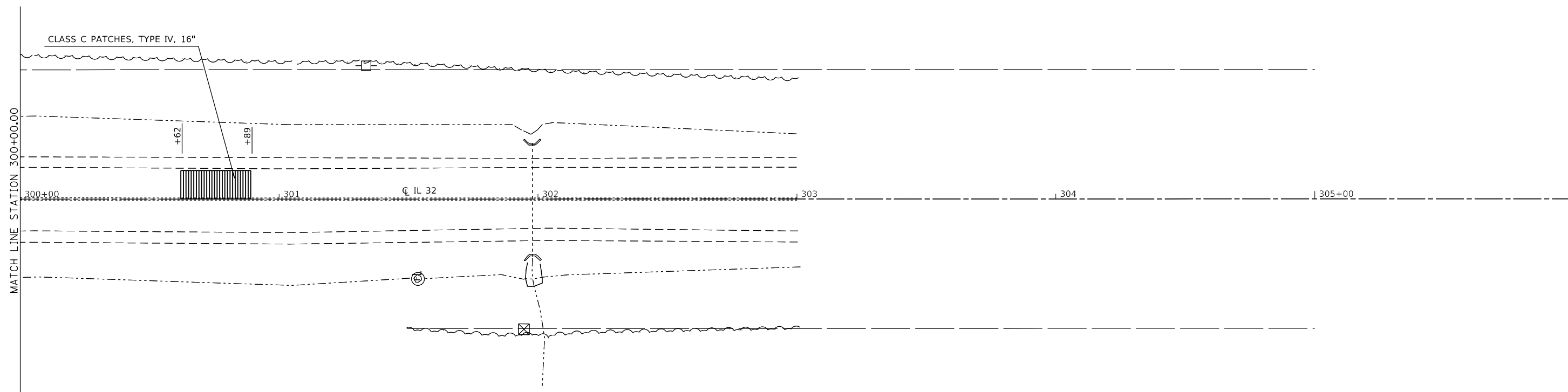
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS - IL 32

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

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(1&2)N	MOULTRIE	51	17
* FAP 762 & FAS 642			CONTRACT NO. 74A11	
ILLINOIS FED. AID PROJECT				



SUGGESTED SEQUENCE OF OPERATIONS:
 REMOVE EXISTING CURB & GUTTER, PAVEMENT, ETC.
 CONSTRUCT PROPOSED PCC BASE COURSE WIDENING AND CURB & GUTTER.
 PERFORM HMA SURFACE REMOVAL.
 CONSTRUCT PROPOSED DOWELLED MEDIAN.
 CONSTRUCT PROPOSED HMA BINDER AND SURFACE COURSES.
 CONSTRUCT PROPOSED PCC AND HMA PATCHING, RUMBLE STRIPS, AND PAVEMENT MARKING.

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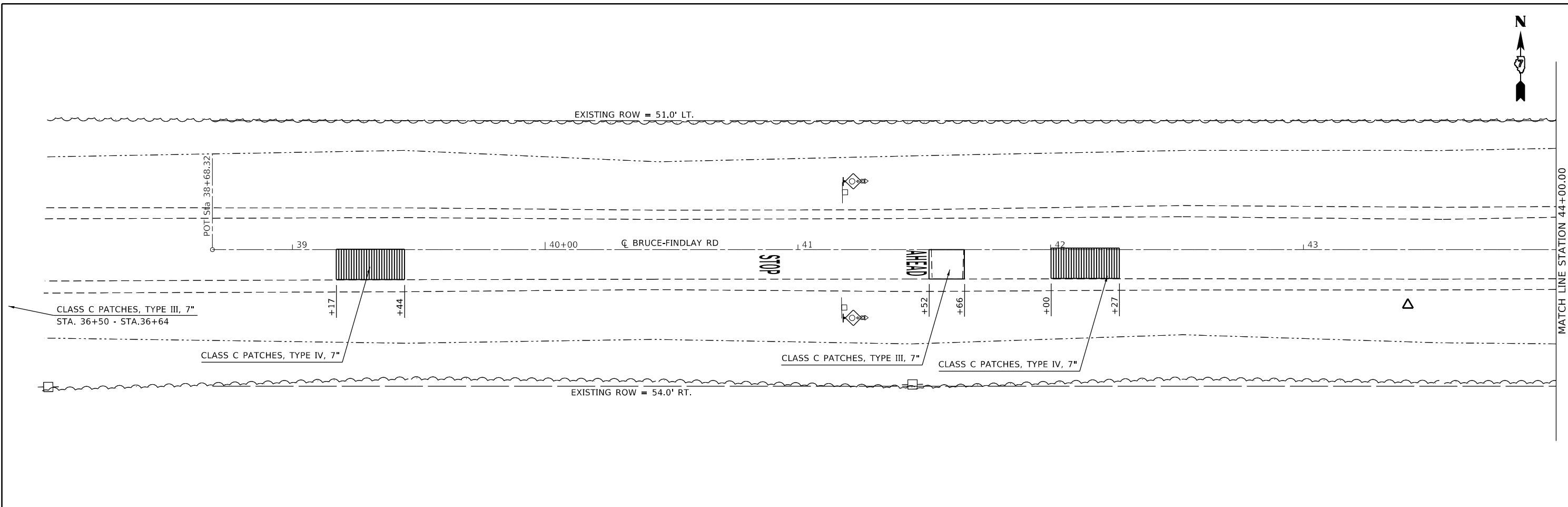
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

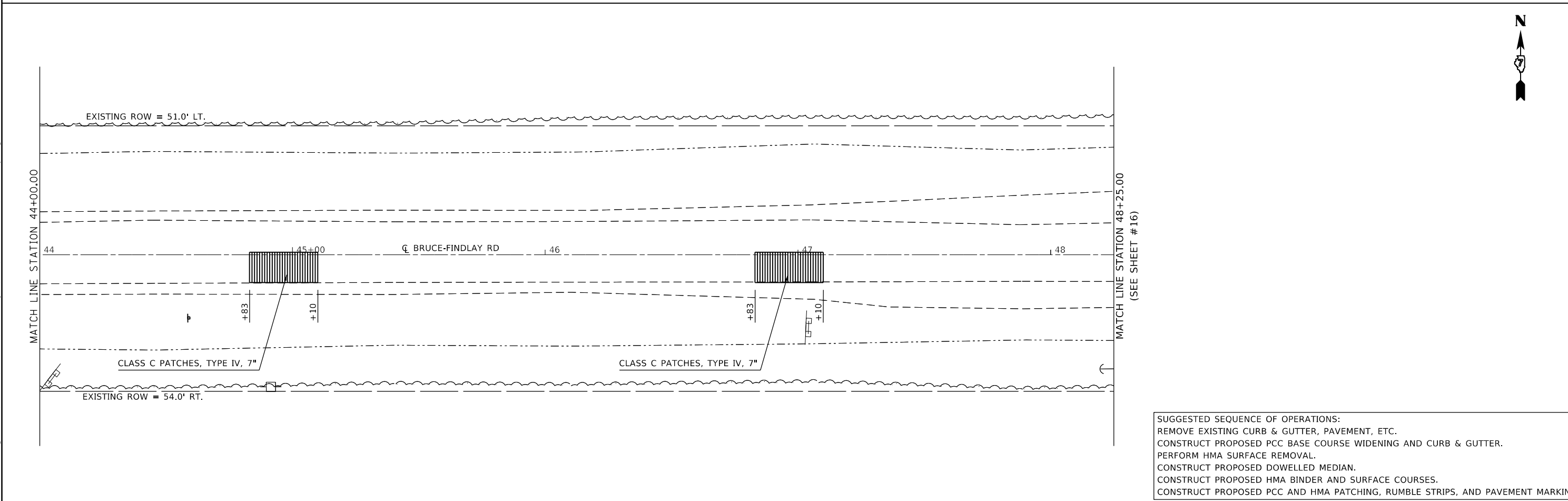
PLAN SHEETS - IL 32

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

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(1&2)N	MOULTRIE	51	18
* FAP 762 & FAS 642			CONTRACT NO. 74A11	
ILLINOIS			FED. AID PROJECT	



MATCH LINE STATION 44+00.00



MATCH LINE STATION 48+25.00
(SEE SHEET # 16)

SUGGESTED SEQUENCE OF OPERATIONS:
 REMOVE EXISTING CURB & GUTTER, PAVEMENT, ETC.
 CONSTRUCT PROPOSED PCC BASE COURSE WIDENING AND CURB & GUTTER.
 PERFORM HMA SURFACE REMOVAL.
 CONSTRUCT PROPOSED DOWELLED MEDIAN.
 CONSTRUCT PROPOSED HMA BINDER AND SURFACE COURSES.
 CONSTRUCT PROPOSED PCC AND HMA PATCHING, RUMBLE STRIPS, AND PAVEMENT MARKING.

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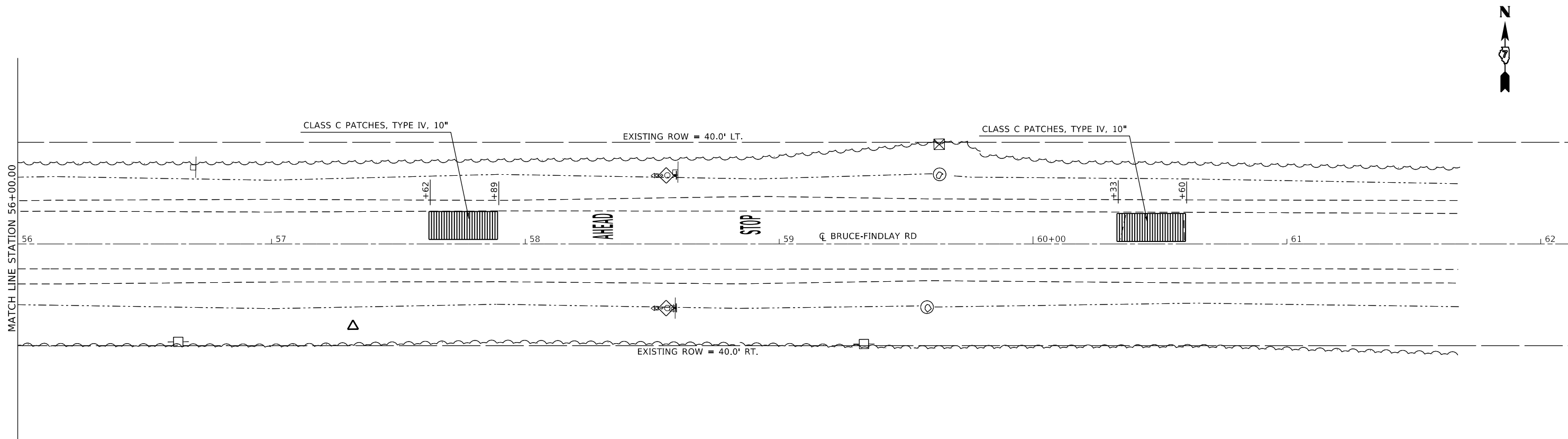
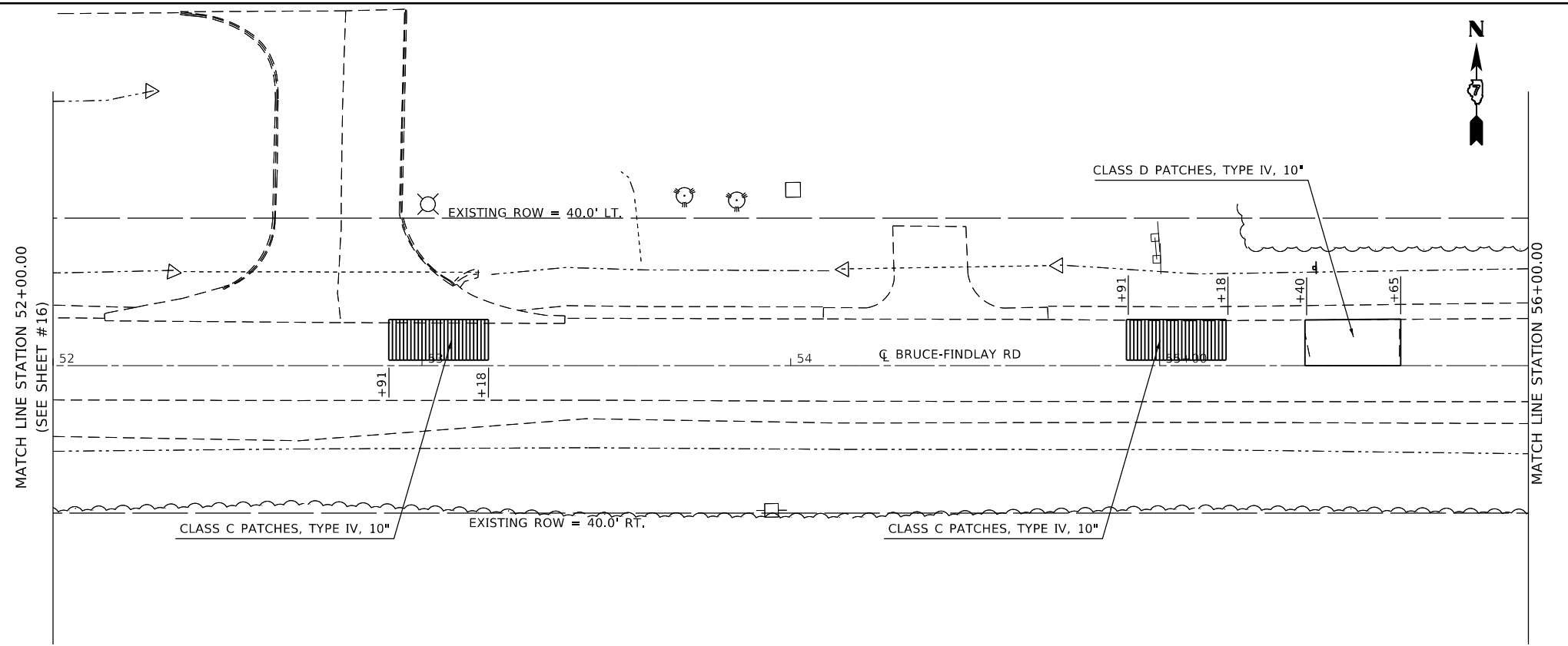
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS - BRUCE FINDLAY RD

SCALE: SHEET 6 OF 7 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(1&2)N	MOULTRIE	51	19
* FAP 762 & FAS 642		CONTRACT NO. 74A11		
ILLINOIS FED. AID PROJECT				

SUGGESTED SEQUENCE OF OPERATIONS:
 REMOVE EXISTING CURB & GUTTER, PAVEMENT, ETC.
 CONSTRUCT PROPOSED PCC BASE COURSE WIDENING AND CURB & GUTTER.
 PERFORM HMA SURFACE REMOVAL.
 CONSTRUCT PROPOSED DOWELLED MEDIAN.
 CONSTRUCT PROPOSED HMA BINDER AND SURFACE COURSES.
 CONSTRUCT PROPOSED PCC AND HMA PATCHING, RUMBLE STRIPS, AND PAVEMENT MARKING.



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

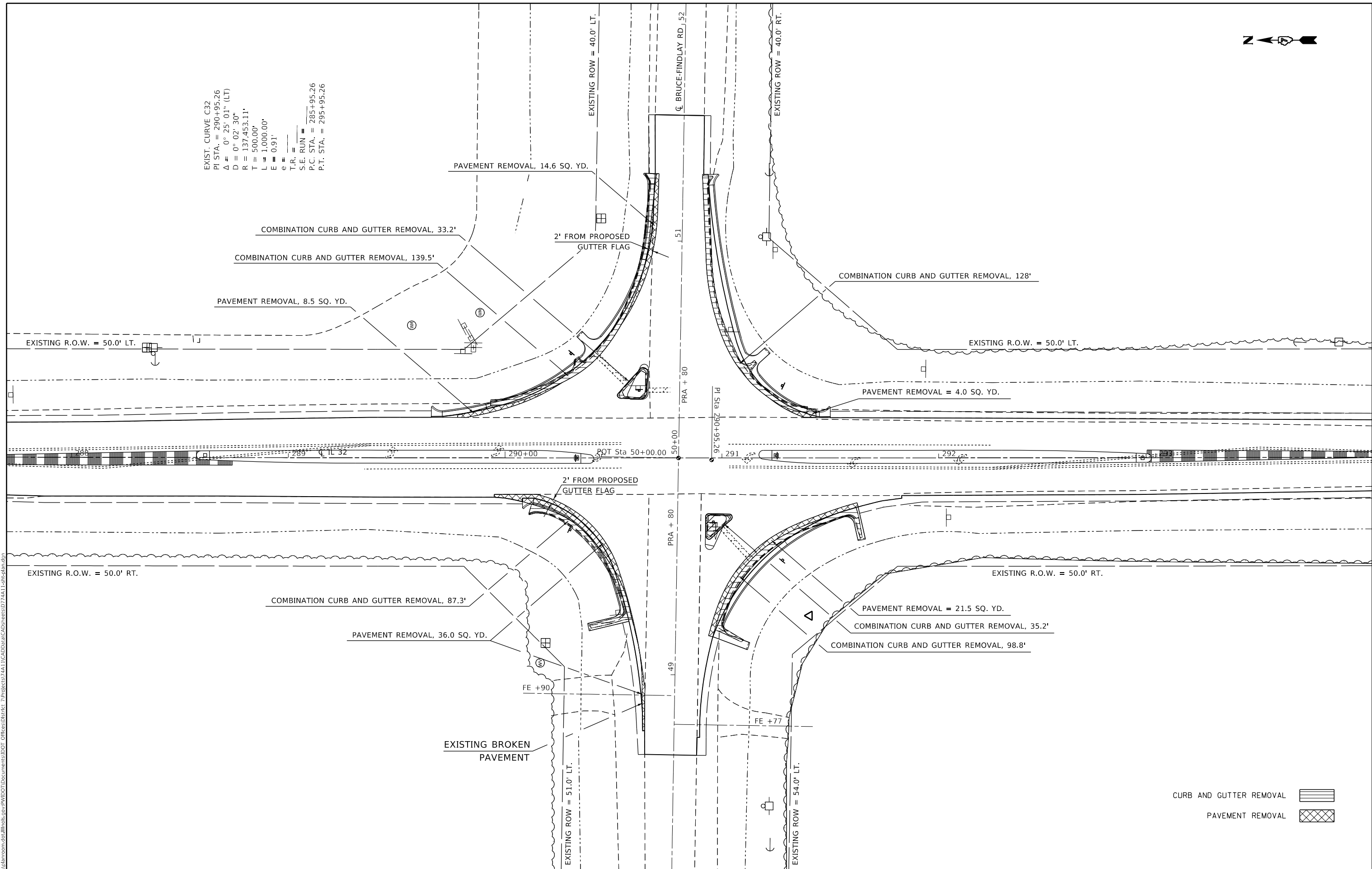
PLAN SHEETS - BRUCE FINDLAY RD

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

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(1&2)N	MOULTRIE	51	20
* FAP 762 & FAS 642		CONTRACT NO. 74A11		
		ILLINOIS	FED. AID PROJECT	



EXIST. CURVE C32
 PI STA. = 290+95.26
 Δ = $0^\circ 25' 01''$ (LT)
 D = $0^\circ 02' 30''$
 R = 137,453.11'
 T = 500.00'
 L = 1,000.00'
 e = 0.91'
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 285+95.26
 P.T. STA. = 295+95.26



CURB AND GUTTER REMOVAL

PAVEMENT REMOVAL

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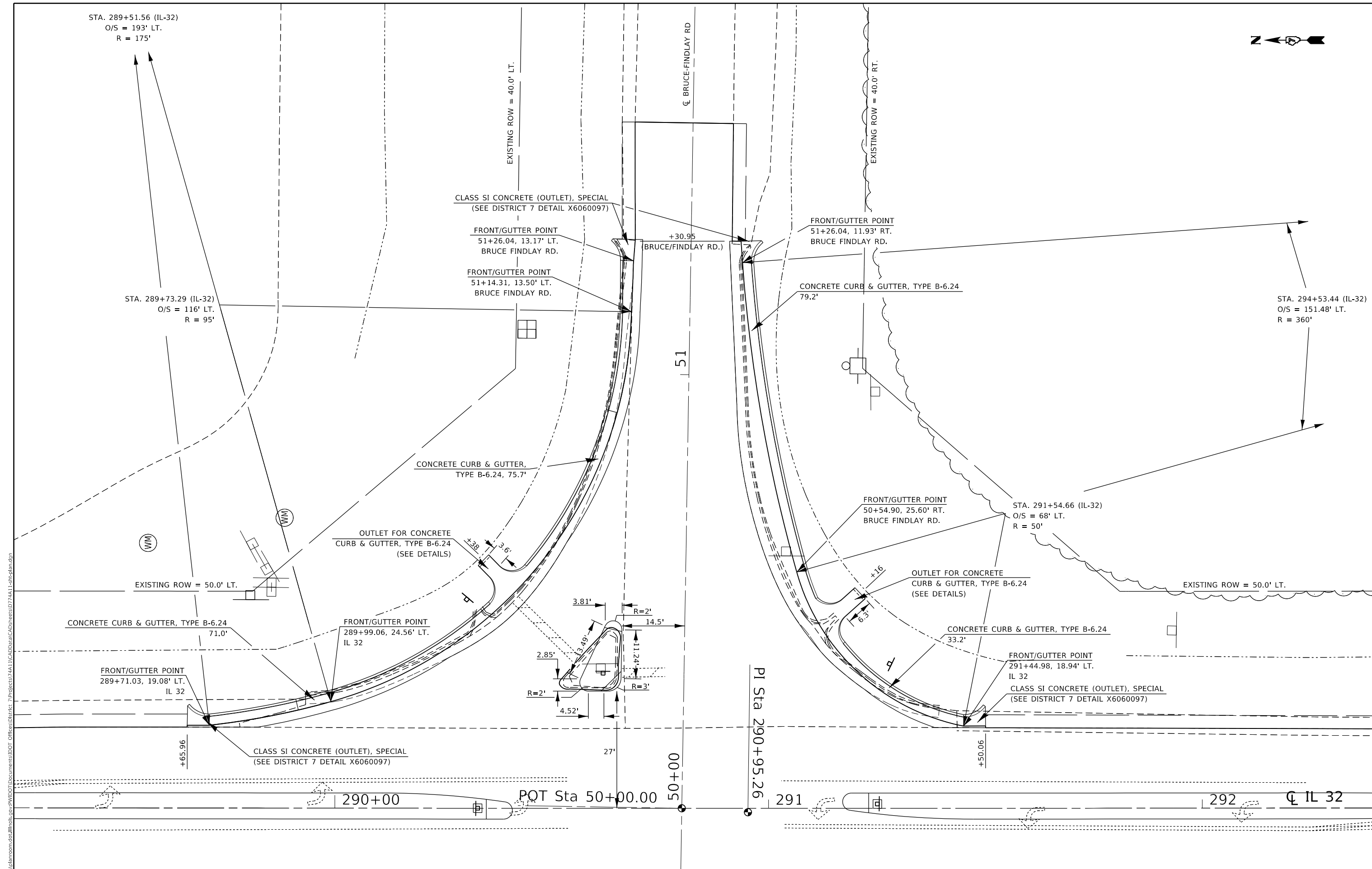
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT REMOVAL - IL 32

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

F.A.* RTE.	SECTION (1&2)N	COUNTY MOULTRIE	TOTAL SHEETS 51	SHEET NO. 21
* FAP 762 & FAS 642		CONTRACT NO. 74A11		
		ILLINOIS FED. AID PROJECT		



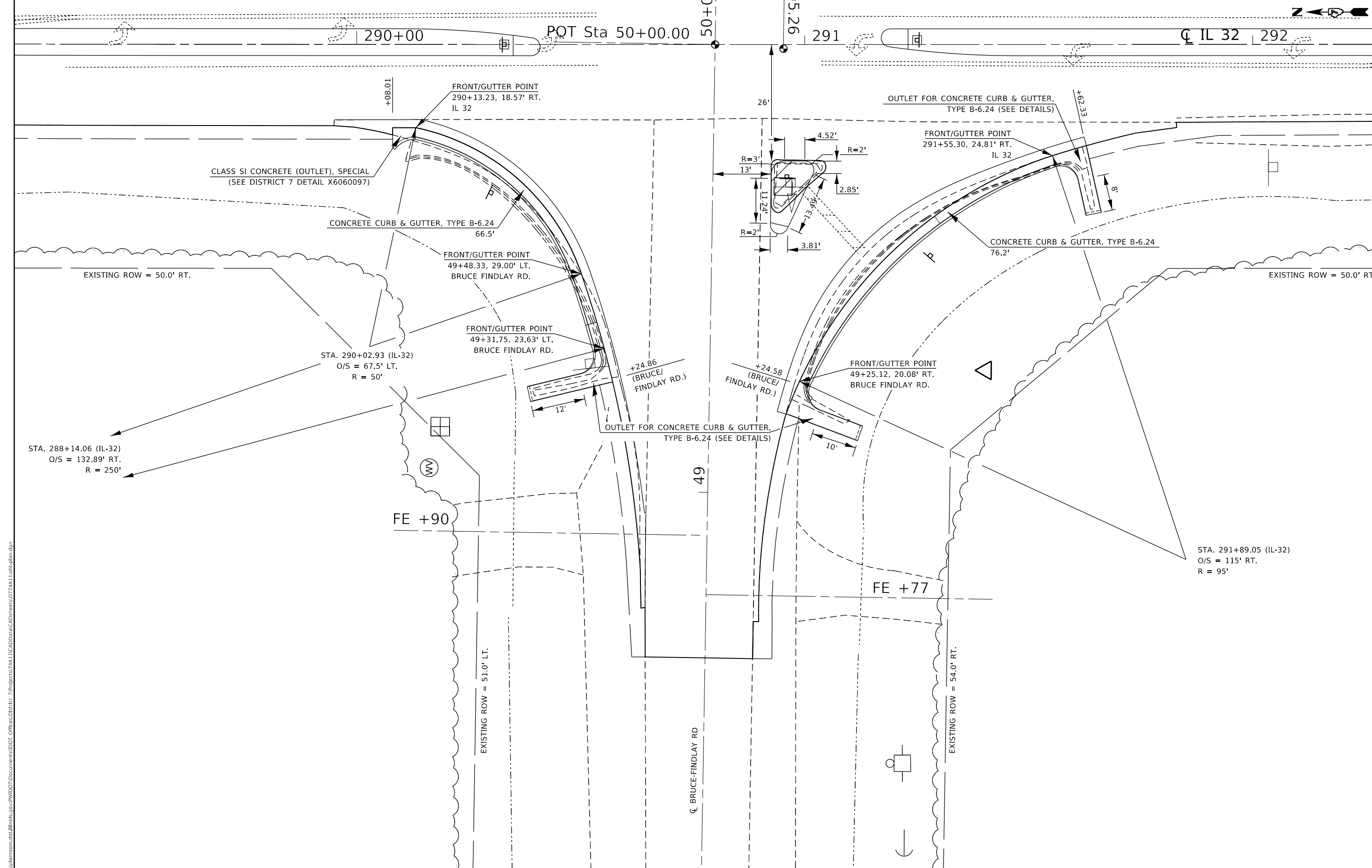
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PLOT DATE = 10/29/2020	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CURB AND GUTTER DETAILS
 SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(1&2)N	MOULTRIE	51	22
* FAP 762 & FAS 642			CONTRACT NO. 74A11	
ILLINOIS FED. AID PROJECT				



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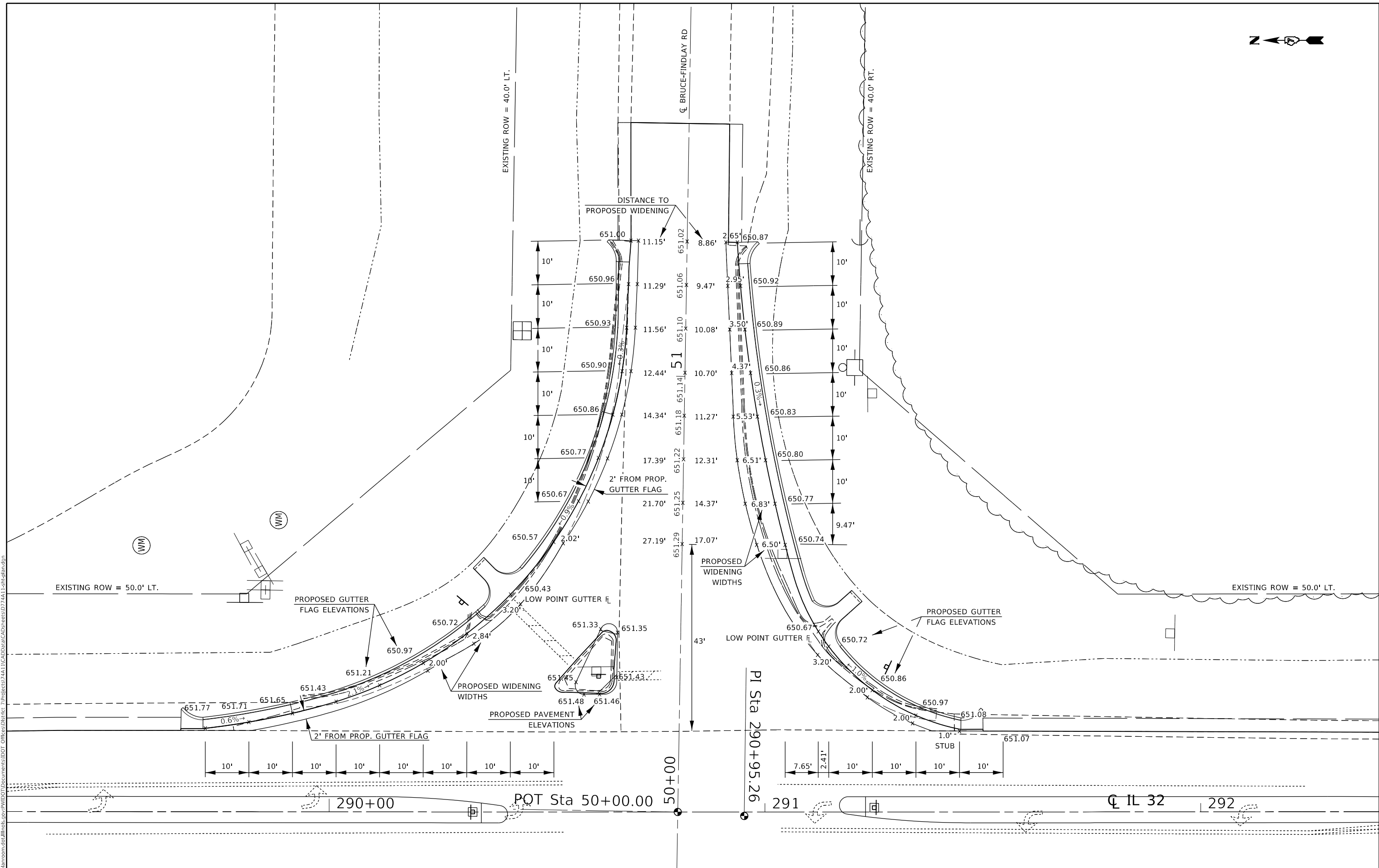
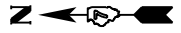
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PLOT DATE = 10/29/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:		SHEET 2 OF 4 SHEETS		STA.	TO STA.

CURB AND GUTTER DETAILS

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(1&2)N	MOULTRIE	51	23
* FAP 762 & FAS 642			CONTRACT NO. 74A11	
ILLINOIS FED. AID PROJECT				



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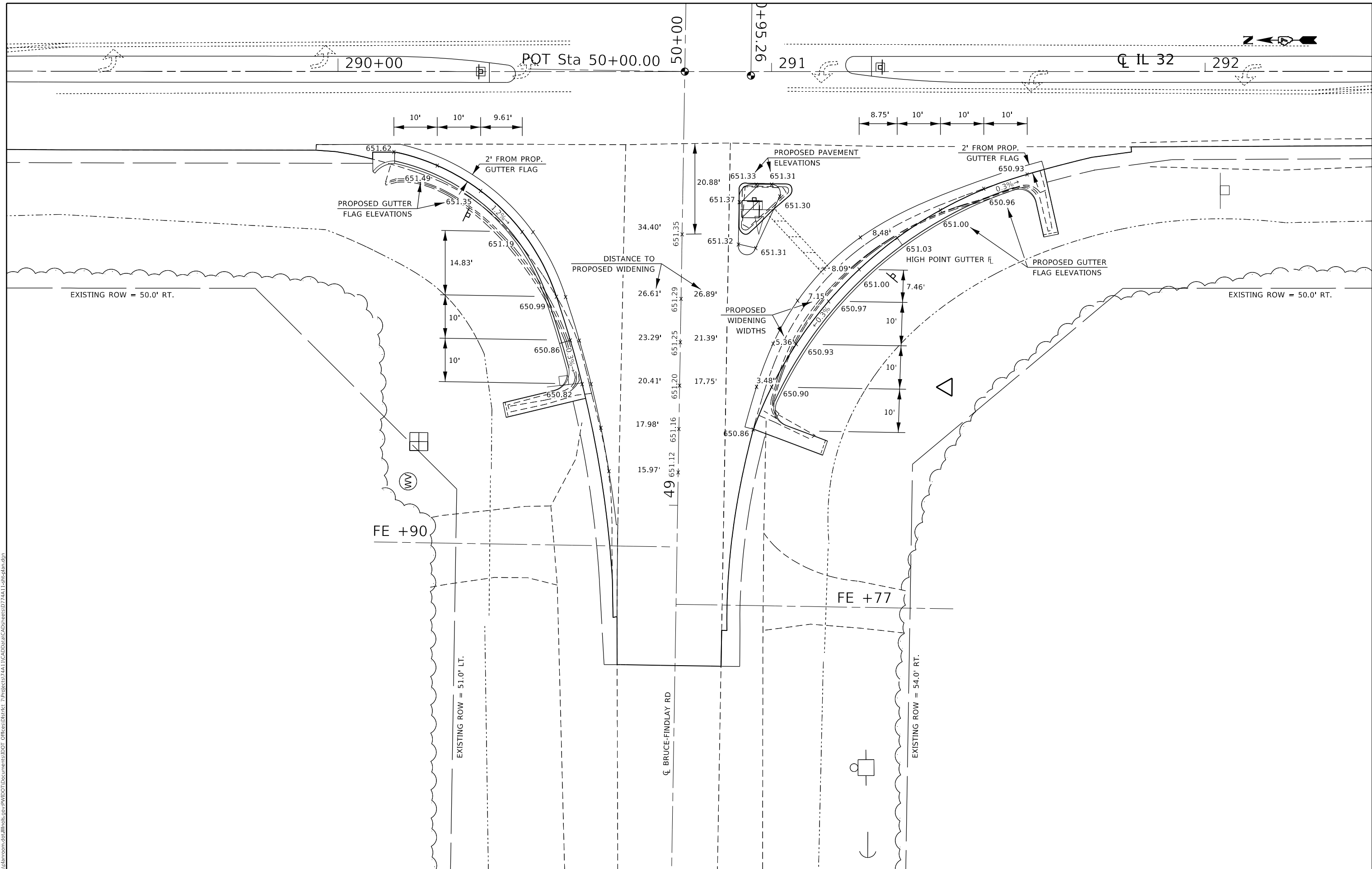
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB AND GUTTER DETAILS			
SCALE:	SHEET 3	OF 4	SHEETS
	STA.		TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(1&2)N	MOULTRIE	51	24
* FAP 762 & FAS 642				CONTRACT NO. 74A11
ILLINOIS FED. AID PROJECT				

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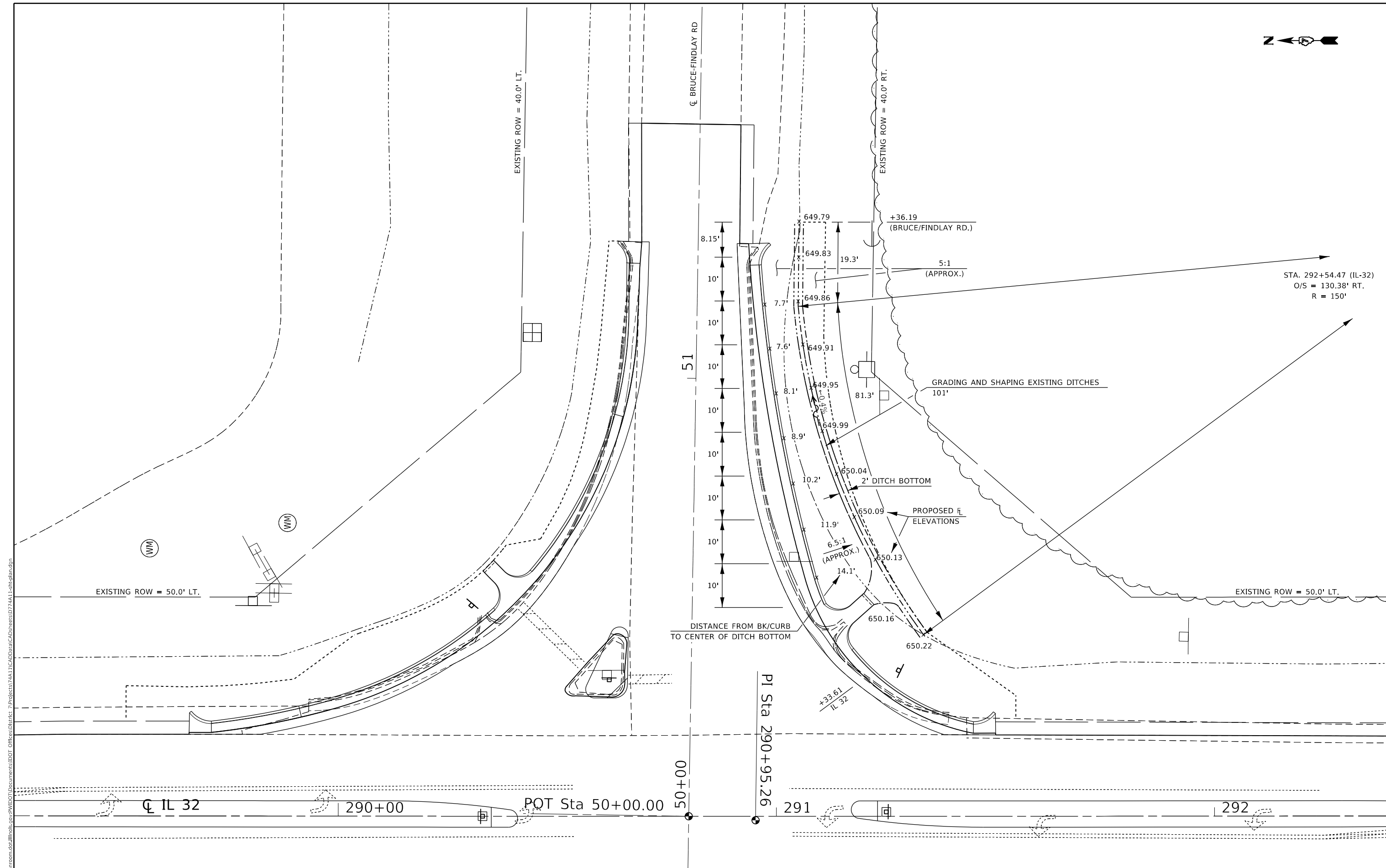


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PLOT DATE = 10/29/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB AND GUTTER DETAILS
 SCALE: SHEET 4 OF 4 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(1&2)N	MOULTRIE	51	25
* FAP 762 & FAS 642			CONTRACT NO. 74A11	
ILLINOIS FED. AID PROJECT				



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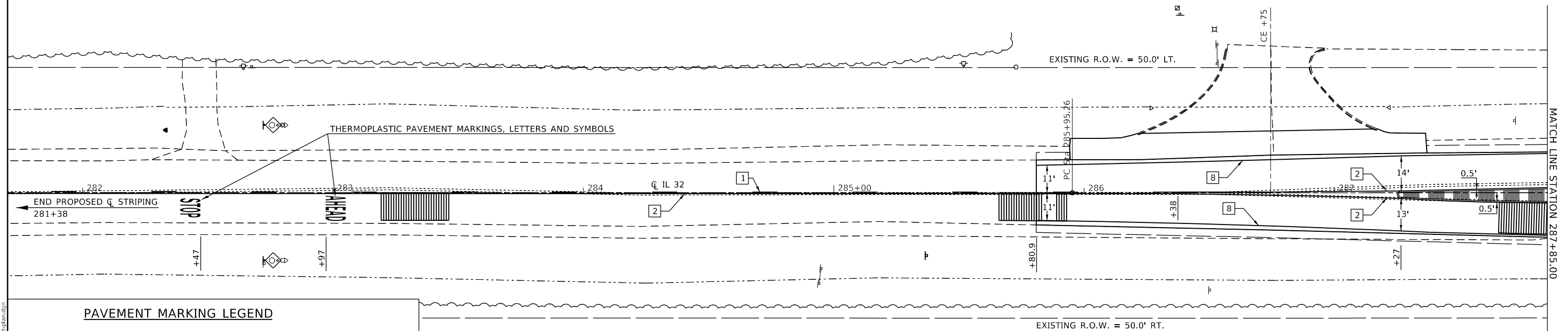
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DITCH GRADING DETAILS

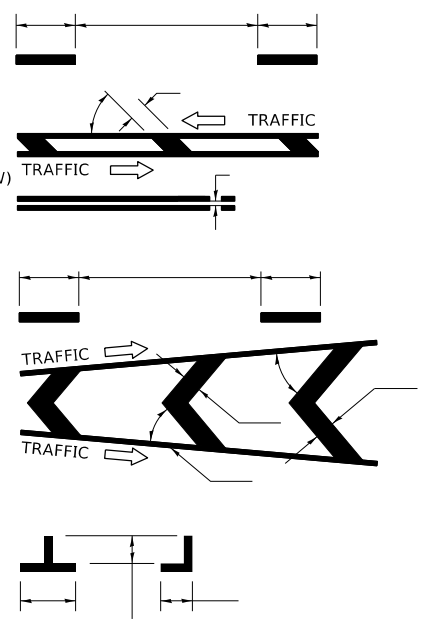
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F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(1&2)N	MOULTRIE	51	26
* FAP 762 & FAS 642			CONTRACT NO. 74A11	
ILLINOIS FED. AID PROJECT				



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

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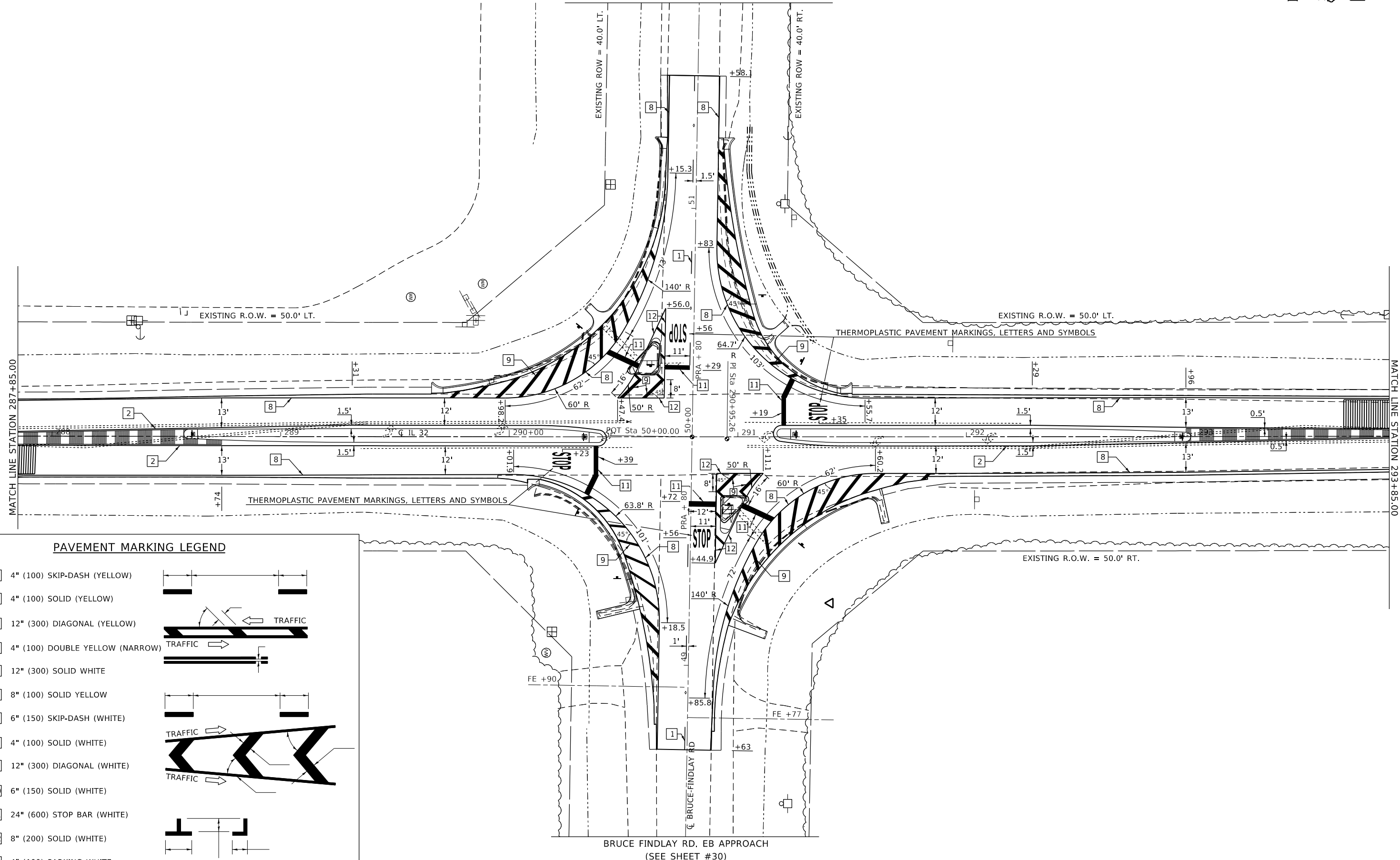
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING DETAILS

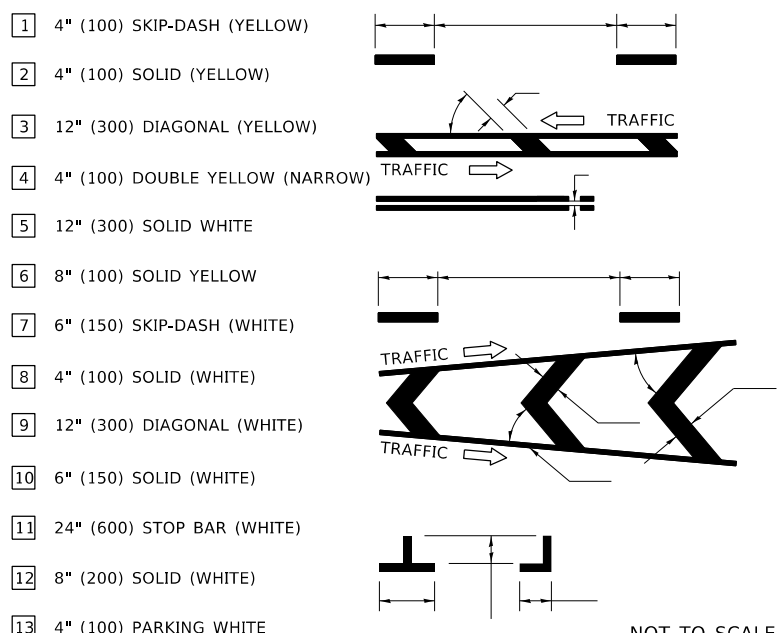
SCALE: SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.* RTE.	SECTION (1&2)N	COUNTY MOULTRIE	TOTAL SHEETS 51	SHEET NO. 27
* FAP 762 & FAS 642		CONTRACT NO. 74A11		
ILLINOIS FED. AID PROJECT				

BRUCE FINDLAY RD. WB APPROACH
(SEE SHEET #31)



PAVEMENT MARKING LEGEND

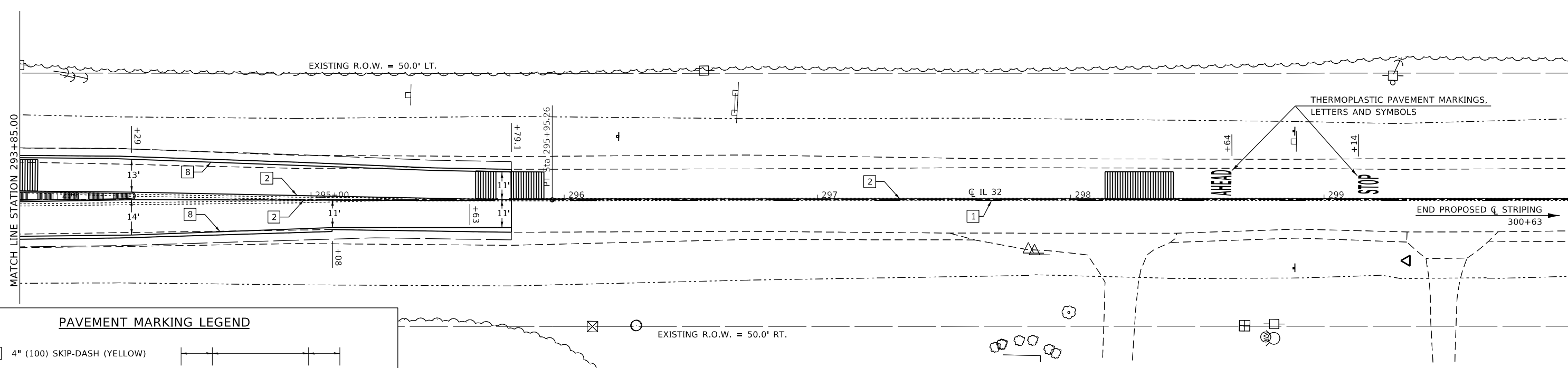


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAILS

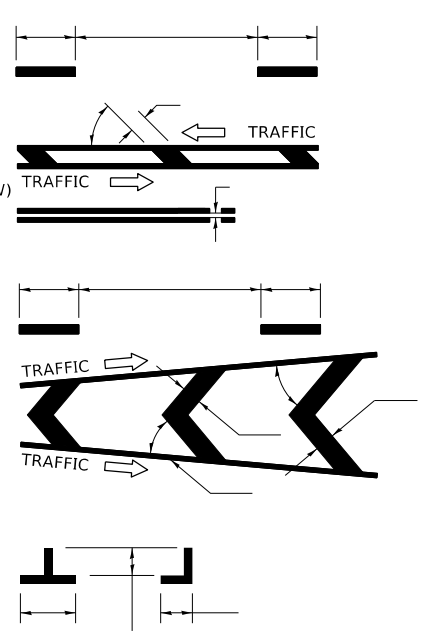
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ILLINOIS FED. AID PROJECT																																														

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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

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	DATE -	REVISED -

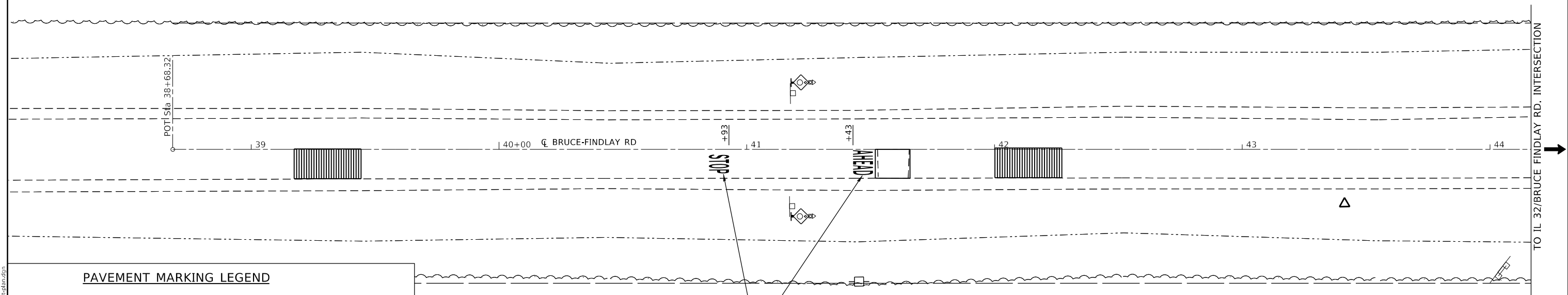
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING DETAILS

SCALE: SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(1&2)N	MOULTRIE	51	29
* FAP 762 & FAS 642			CONTRACT NO. 74A11	
ILLINOIS FED. AID PROJECT				

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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)
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- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) PARKING WHITE

NOT TO SCALE

PREFORMED PLASTIC PAVEMENT MARKINGS,
LETTERS AND SYMBOLS

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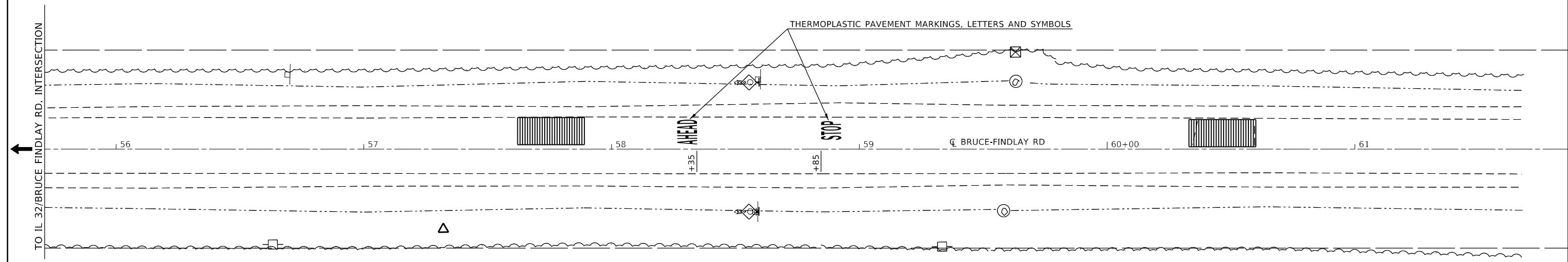
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING DETAILS

SCALE: SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(1&2)N	MOULTRIE	51	30
* FAP 762 & FAS 642			CONTRACT NO. 74A11	
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
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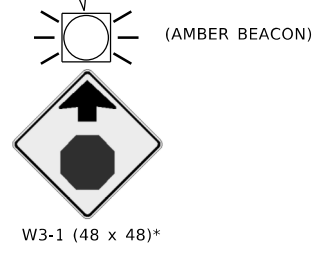
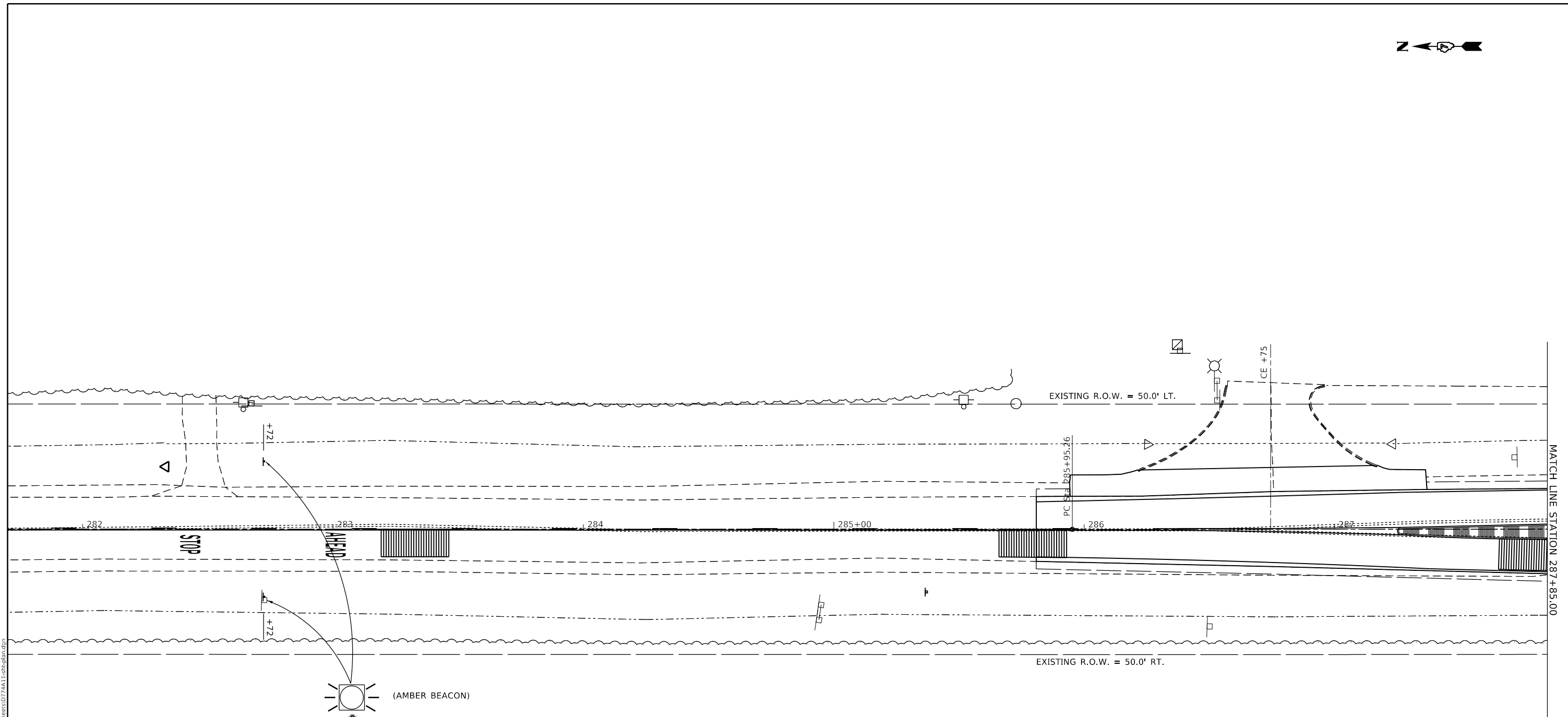
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING DETAILS

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

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(1&2)N	MOULTRIE	51	31
* FAP 762 & FAS 642			CONTRACT NO. 74A11	
ILLINOIS FED. AID PROJECT				



NOTES: ALL FLASHING BEACONS INSTALLED ABOVE THE STOP AHEAD SIGNS (W3-1) SHALL BE AMBER, AND ALL FLASHING BEACONS INSTALLED ABOVE THE STOP ALL WAY SIGNS (R1-1/R1-3P) AS WELL AS THE ARIAL SIGNAL BEACONS SHALL BE RED. THE AMBER BEACONS SHALL HAVE AN ALTERNATING FLASH AS THE RED BEACONS FACING THE SAME DIRECTION OF TRAVEL. BEACONS ALONG IL 32 SHALL ALSO HAVE AND ALTERNATING FLASH WITH THE BEACONS ALONG BRUCE FINDLAY RD.

* - INDICATES THAT THE SIGN PANEL TO BE INSTALLED WILL BE OVERSIZED. SEE SCHEDULE OF QUANTITIES FOR MORE DETAILS.



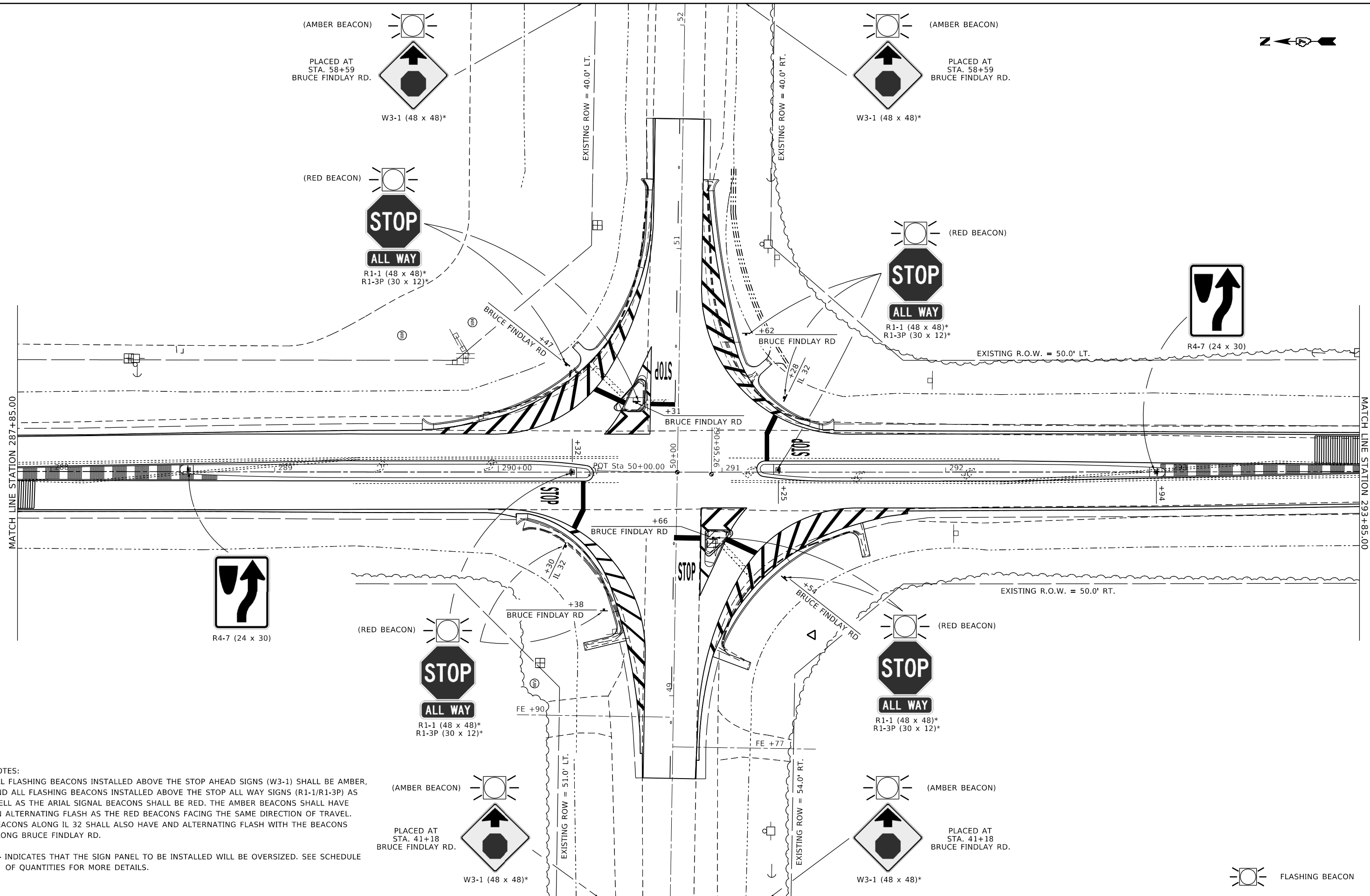
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.* RTE.	SECTION (1&2)N	COUNTY MOULTRIE	TOTAL SHEETS 51	SHEET NO. 32
* FAP 762 & FAS 642		CONTRACT NO. 74A11		
ILLINOIS FED. AID PROJECT				



NOTES:
 ALL FLASHING BEACONS INSTALLED ABOVE THE STOP AHEAD SIGNS (W3-1) SHALL BE AMBER, AND ALL FLASHING BEACONS INSTALLED ABOVE THE STOP ALL WAY SIGNS (R1-1/R1-3P) AS WELL AS THE ARIAL SIGNAL BEACONS SHALL BE RED. THE AMBER BEACONS SHALL HAVE AN ALTERNATING FLASH AS THE RED BEACONS FACING THE SAME DIRECTION OF TRAVEL. BEACONS ALONG IL 32 SHALL ALSO HAVE AND ALTERNATING FLASH WITH THE BEACONS ALONG BRUCE FINDLAY RD.

* - INDICATES THAT THE SIGN PANEL TO BE INSTALLED WILL BE OVERSIZED. SEE SCHEDULE OF QUANTITIES FOR MORE DETAILS.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGN DETAILS

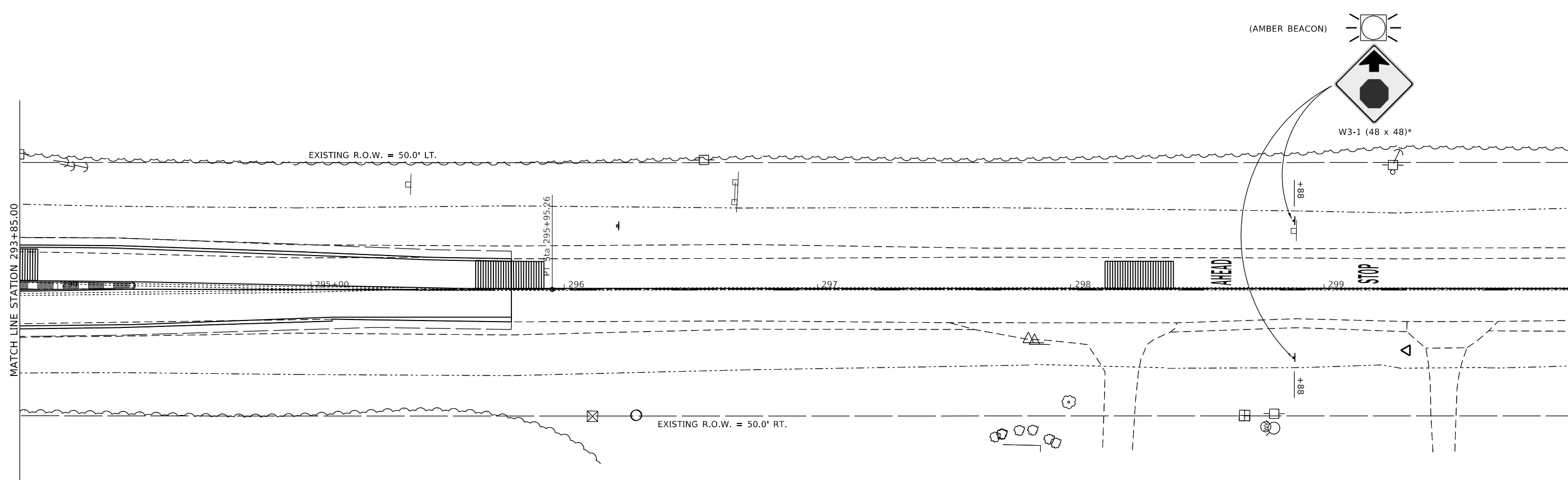
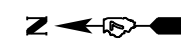
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F.A.* RTE.	SECTION (1&2)N	COUNTY MOULTRIE	TOTAL SHEETS 51	SHEET NO. 33
* FAP 762 & FAS 642		CONTRACT NO. 74A11		
ILLINOIS FED. AID PROJECT				



NOTES: ALL FLASHING BEACONS INSTALLED ABOVE THE STOP AHEAD SIGNS (W3-1) SHALL BE AMBER, AND ALL FLASHING BEACONS INSTALLED ABOVE THE STOP ALL WAY SIGNS (R1-1/R1-3P) AS WELL AS THE ARIAL SIGNAL BEACONS SHALL BE RED. THE AMBER BEACONS SHALL HAVE AN ALTERNATING FLASH AS THE RED BEACONS FACING THE SAME DIRECTION OF TRAVEL. BEACONS ALONG IL 32 SHALL ALSO HAVE AN ALTERNATING FLASH WITH THE BEACONS ALONG BRUCE FINDLAY RD.

* - INDICATES THAT THE SIGN PANEL TO BE INSTALLED WILL BE OVERSIZED. SEE SCHEDULE OF QUANTITIES FOR MORE DETAILS.



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGN DETAILS		F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		*	(1&2)N	MOULTRIE	51	34
SCALE:		SHEET 3 OF 3 SHEETS		STA.	TO STA.	

* FAP 762 & FAS 642		CONTRACT NO. 74A11	
ILLINOIS	FED. AID PROJECT		

GENERAL NOTES

THIS PROJECT IS LOCATED AT THE INTERSECTION OF IL 32 AND BRUCE-FINDLAY ROAD (CO RD 800 N) IN MOULTRIE COUNTY. THE WORK INCLUDED IN THIS SECTION CONSISTS OF INSTALLING OVERHEAD FLASHING BEACONS ALONG WITH POST MOUNTED SIGNS WITH BEACONS AND ALL OTHER WORK NECESSARY TO COMPLETE THIS SECTION.

THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING CONSTRUCTION. CALL J.U.L.I.E. AT 1-800-892-0123.

THE TRAFFIC OPERATIONS UNIT CHIEF AT THE ILLINOIS DEPARTMENT OF TRANSPORTATION SHALL BE NOTIFIED AT 217-342-8291 AT LEAST 72 HOURS PRIOR TO TURNING ON ANY FLASHER OR CONTROLLER UNIT.

THE LOCATION OF ALL FLASHING BEACON COMPONENTS AS SHOWN ON THE PLANS ARE APPROXIMATE ONLY. THE FINAL LOCATION SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

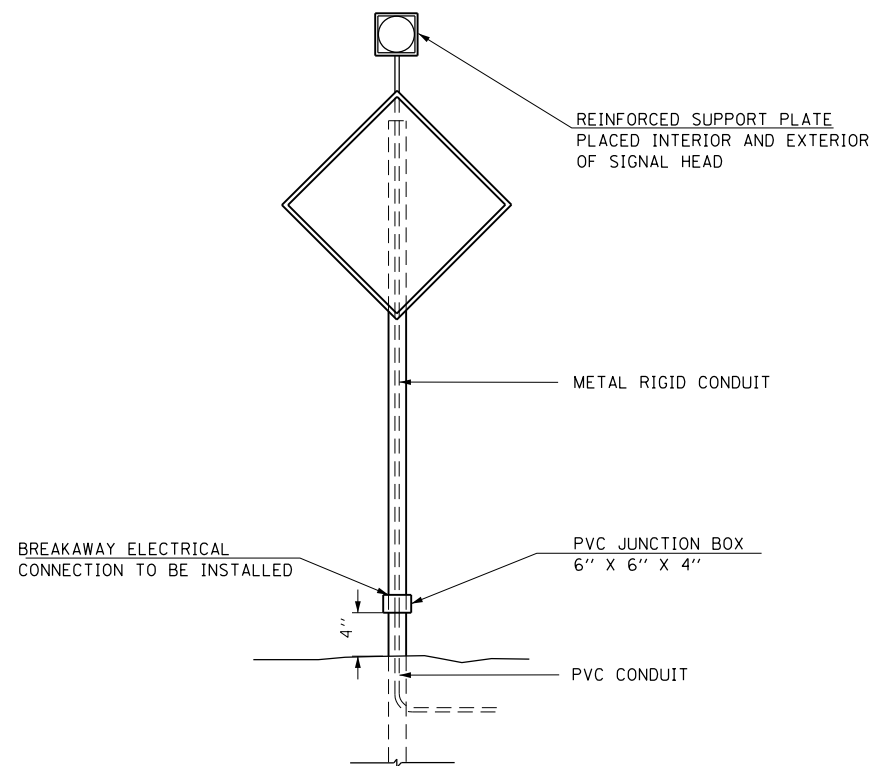
THE OVERHEAD BEACONS AND THE STOP SIGNS FACING THE SAME DIRECTION WILL FLASH SIMULTANEOUSLY RED. THE STOP AHEAD WARNING SIGNS IN THE SAME DIRECTION WILL FLASH OPPOSITE YELLOW .

THE SIZE OF THE CABLE SUPPLIED SHALL BE EQUAL TO OR GREATER THAN THE SIZE OF THE CABLE REQUIRED TO CARRY THE LOAD BETWEEN THE CONTROLLER AND THE SERVICE INSTALLATION.

A 2 FOOT MINIMUM, 6 FOOT DESIRABLE, HORIZONTAL CLEARANCE SHALL BE MAINTAINED FROM THE BACK OF CURB TO THE EDGE OF HANDHOLES, JUNCTION BOXES AND SIGNAL POST FOUNDATIONS.

ALL THREADS OF BOLTS USED IN ASSEMBLY OF TRAFFIC SIGNAL COMPONENTS SHALL BE COATED WITH A NON-LEAD BASED ANTI-SEIZE COMPOUND, SIMILAR TO LEAD PLATE, PRIOR TO ASSEMBLY.

ALL NEW FLASHER SIGNAL WIRING SHALL EXTEND FROM CONTROLLER TO FLASHER SIGNAL.



THIS DETAIL SHALL BE USED IN CONJUNCTION WITH STANDARD 880001-01

BILL OF MATERIALS

CODE	ITEM	UNIT	QUANTITY
81028340	UNDERGROUND CONDUIT, PVC, 1-1/2" DIA	FOOT	115
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA	FOOT	3627
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA	FOOT	152
81100500	CONDUIT ATTACHED TO STRUCTURE, 1-1/2" DIA., GALVANIZED STEEL	FOOT	358
81400100	HANDHOLE	EACH	9
81400300	DOUBLE HANDHOLE	EACH	1
81500100	GULFBOX	EACH	4
85820200	FLASHER CONTROLLER, SPECIAL	EACH	1
87200400	SPAN WIRE	FOOT	142
87200500	TETHER WIRE	FOOT	142
87301225	ELECTRIC CABLE IN CONDUIT, NO 14 3C	FOOT	6251
87302245	ELECTRIC CABLE AERIAL SUSPENDED, SIGNAL, NO. 14 5C	FOOT	169
88000105	FLASHING BEACON INSTALLATION	EACH	1
88040030	SIGNAL HEAD, POLYCARONATE, LED, 1 FACE, 1 SECTION, POST MOUNTED	EACH	18
89502400	REMOVE EXISTING FLASHING BEACON INSTALLATION COMPLETE	EACH	1
X0327643	TRAFFIC SIGNAL WOOD POLE, 40 FT., CLASS 5	EACH	2
X8050095	SERVICE INSTALLATION, (SPECIAL)	EACH	1
X8800081	SIGNAL HEAD, LED, 4 FACE, 1 SECTION, SPAN WIRE MOUNTED	EACH	2

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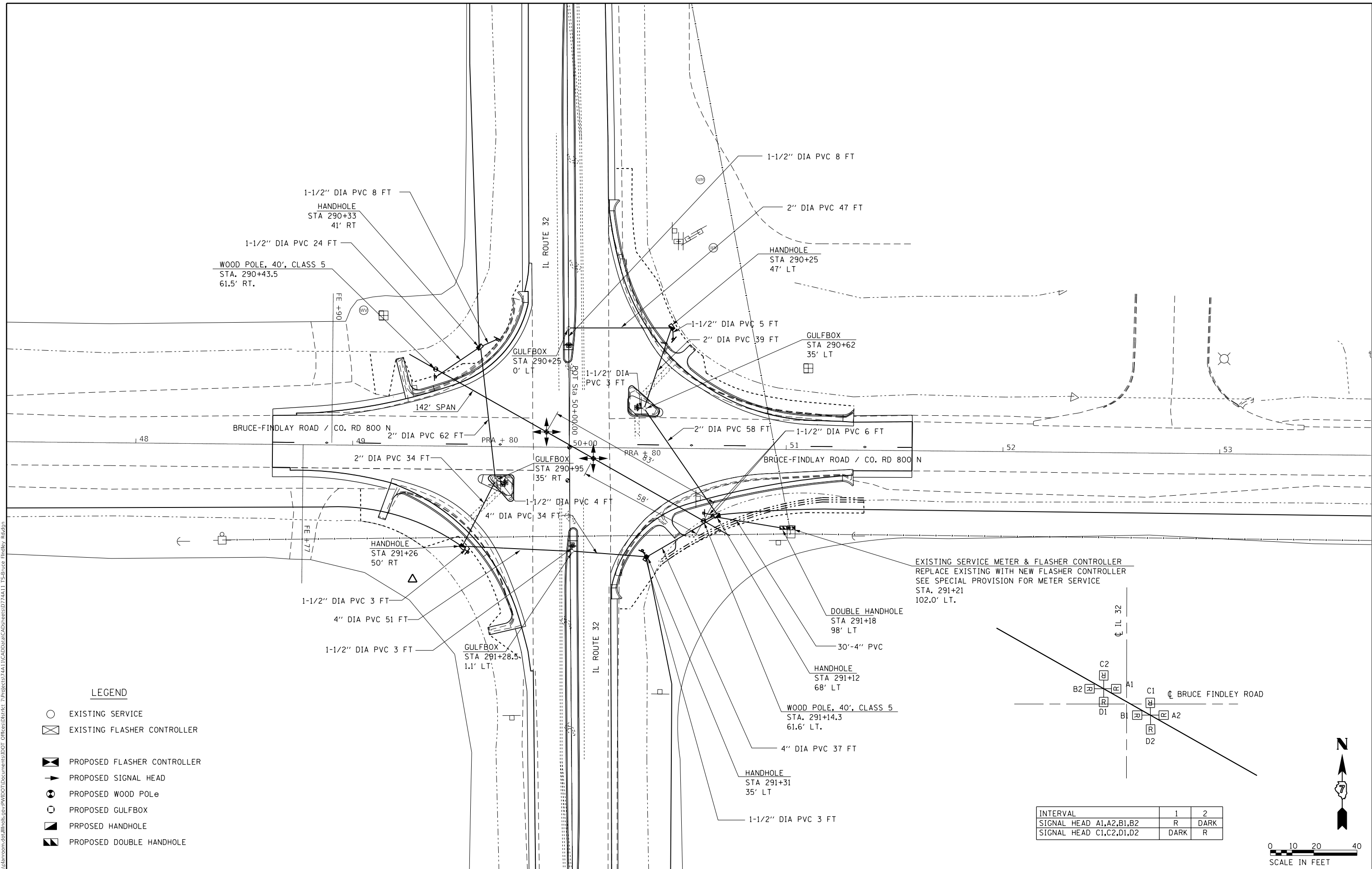
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF IL 32 & BRUCE FINDLAY RD.
GENERAL NOTES/QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(1&2)N	MOULTRIE	51	35
* FAP 762 & FAS 642			CONTRACT NO. 74A11	
ILLINOIS FED. AID PROJECT				

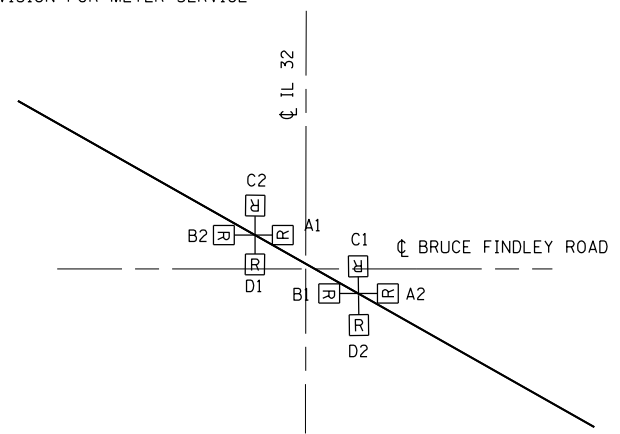
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LEGEND

- EXISTING SERVICE
- ⊠ EXISTING FLASHER CONTROLLER
- ◼ PROPOSED FLASHER CONTROLLER
- PROPOSED SIGNAL HEAD
- ⊙ PROPOSED WOOD POLE
- PROPOSED GULFBOX
- ◼ PROPOSED HANDHOLE
- ◼ PROPOSED DOUBLE HANDHOLE

EXISTING SERVICE METER & FLASHER CONTROLLER
 REPLACE EXISTING WITH NEW FLASHER CONTROLLER
 SEE SPECIAL PROVISION FOR METER SERVICE
 STA. 291+21
 102.0' LT.



INTERVAL	1	2
SIGNAL HEAD A1,A2,B1,B2	R	DARK
SIGNAL HEAD C1,C2,D1,D2	DARK	R



USER NAME = steffenmk	DESIGNED -	REVISED -
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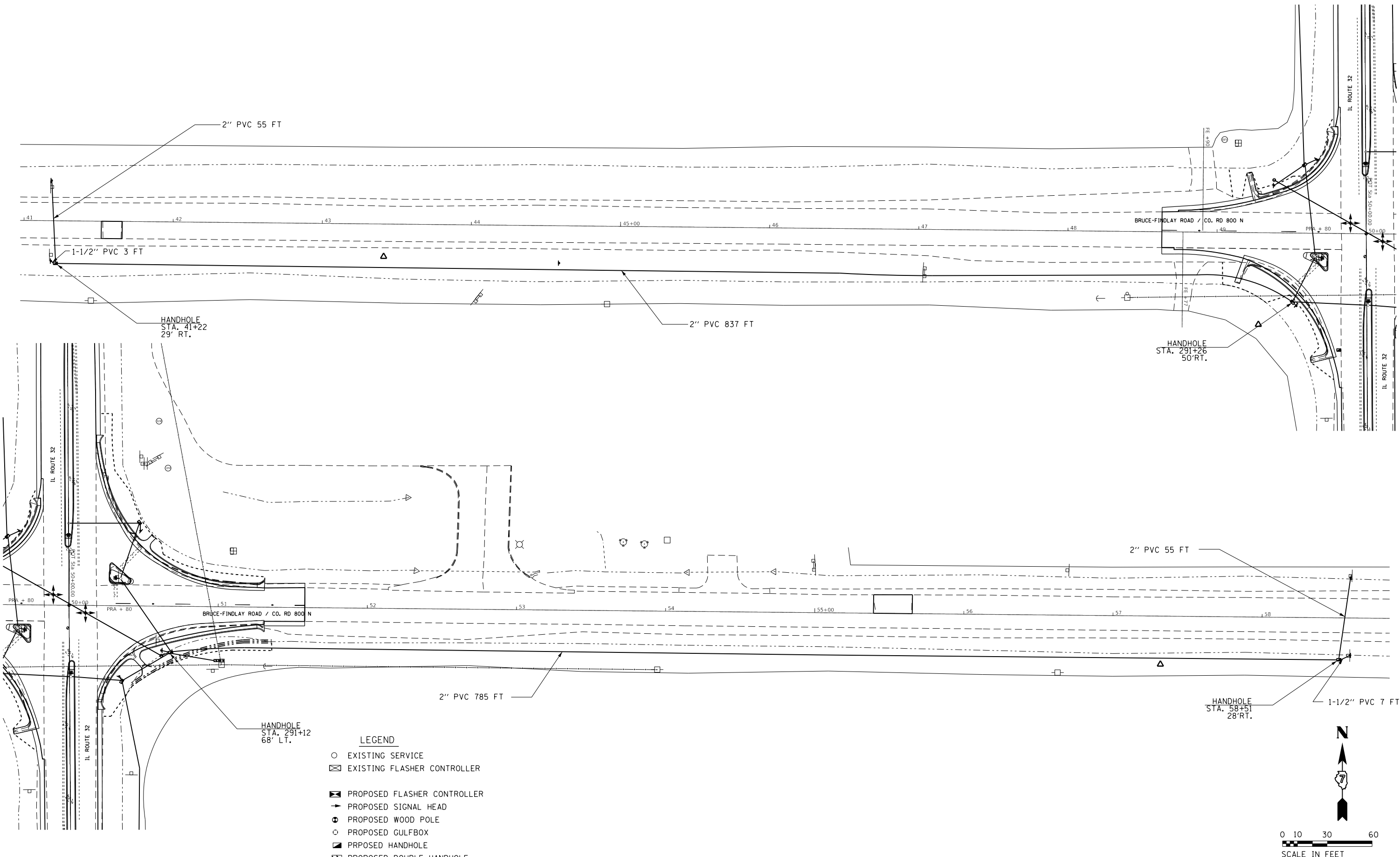
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF IL 32 & BRUCE FINDLAY RD.
 SIGNAL LAYOUT**

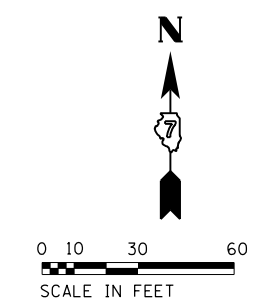
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F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(1&2)N	MOULTRIE	51	36
* FAP 762 & FAS 642		CONTRACT NO. 74A11		
ILLINOIS FED. AID PROJECT				

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- LEGEND**
- EXISTING SERVICE
 - ⊠ EXISTING FLASHER CONTROLLER
 - ⊠ PROPOSED FLASHER CONTROLLER
 - ➔ PROPOSED SIGNAL HEAD
 - PROPOSED WOOD POLE
 - PROPOSED GULFBOX
 - ⊠ PROPOSED HANDHOLE
 - ⊠ PROPOSED DOUBLE HANDHOLE



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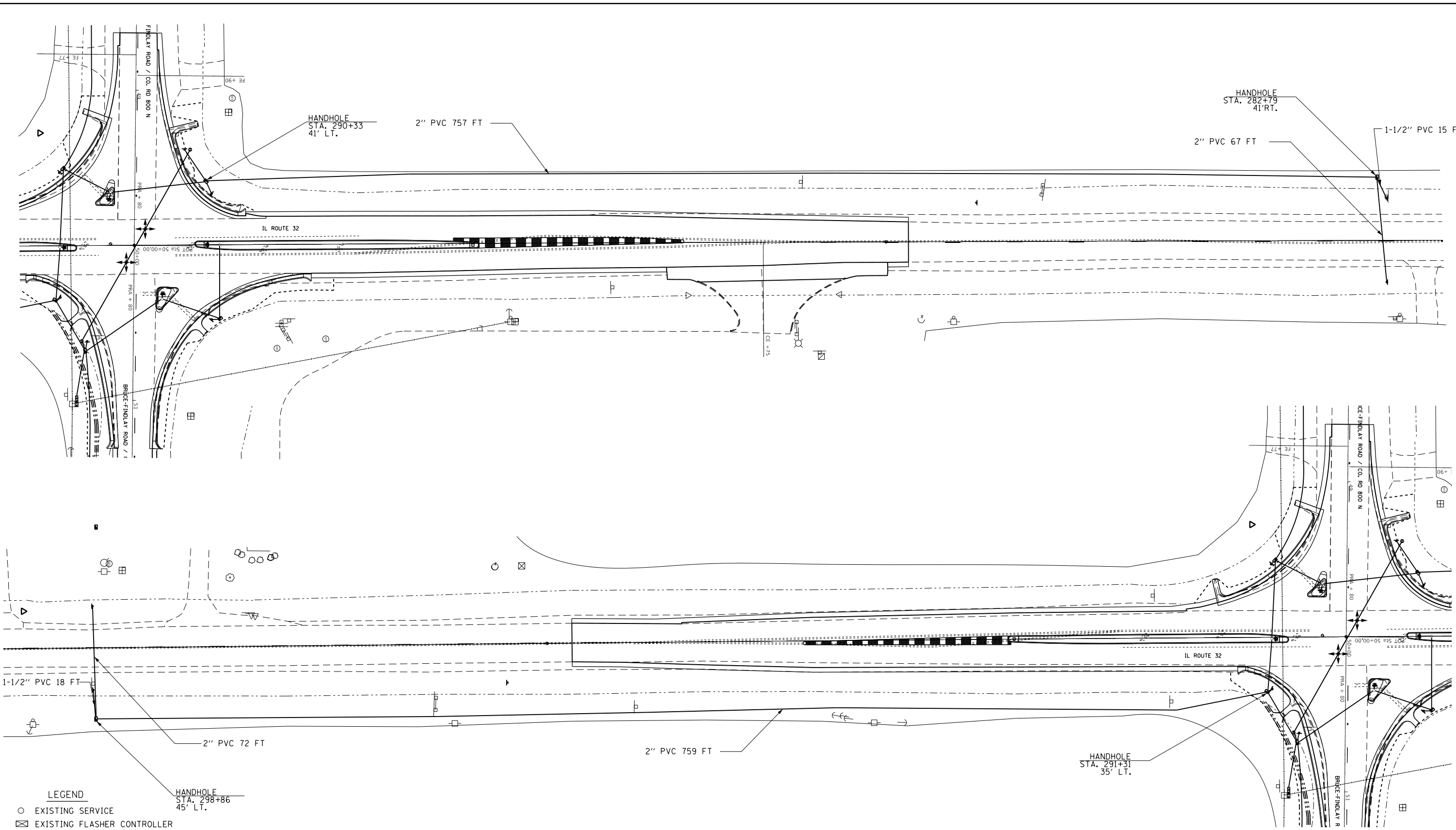
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF IL 32 & BRUCE FINDLAY RD
 ADVANCE WARNING BEACONS BRUCE FINDLAY RD**

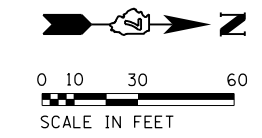
SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(1&2)N	MOULTRIE	51	37
* FAP 762 & FAS 642		CONTRACT NO. 74A11		
ILLINOIS		FED. AID PROJECT		

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 PROJECT: 74A11\CAD\Drawings\DOT_Offices\Drawings\74A11\74A11_T5-Bruce Findlay_Rd.dwg



- LEGEND**
- EXISTING SERVICE
 - ⊠ EXISTING FLASHER CONTROLLER
 - ⊠ PROPOSED FLASHER CONTROLLER
 - PROPOSED SIGNAL HEAD
 - PROPOSED WOOD POLE
 - PROPOSED GULFBOX
 - ⊠ PROPOSED HANDHOLE
 - ⊠ PROPOSED DOUBLE HANDHOLE



USER NAME = steffenmk	DESIGNED -	REVISED -
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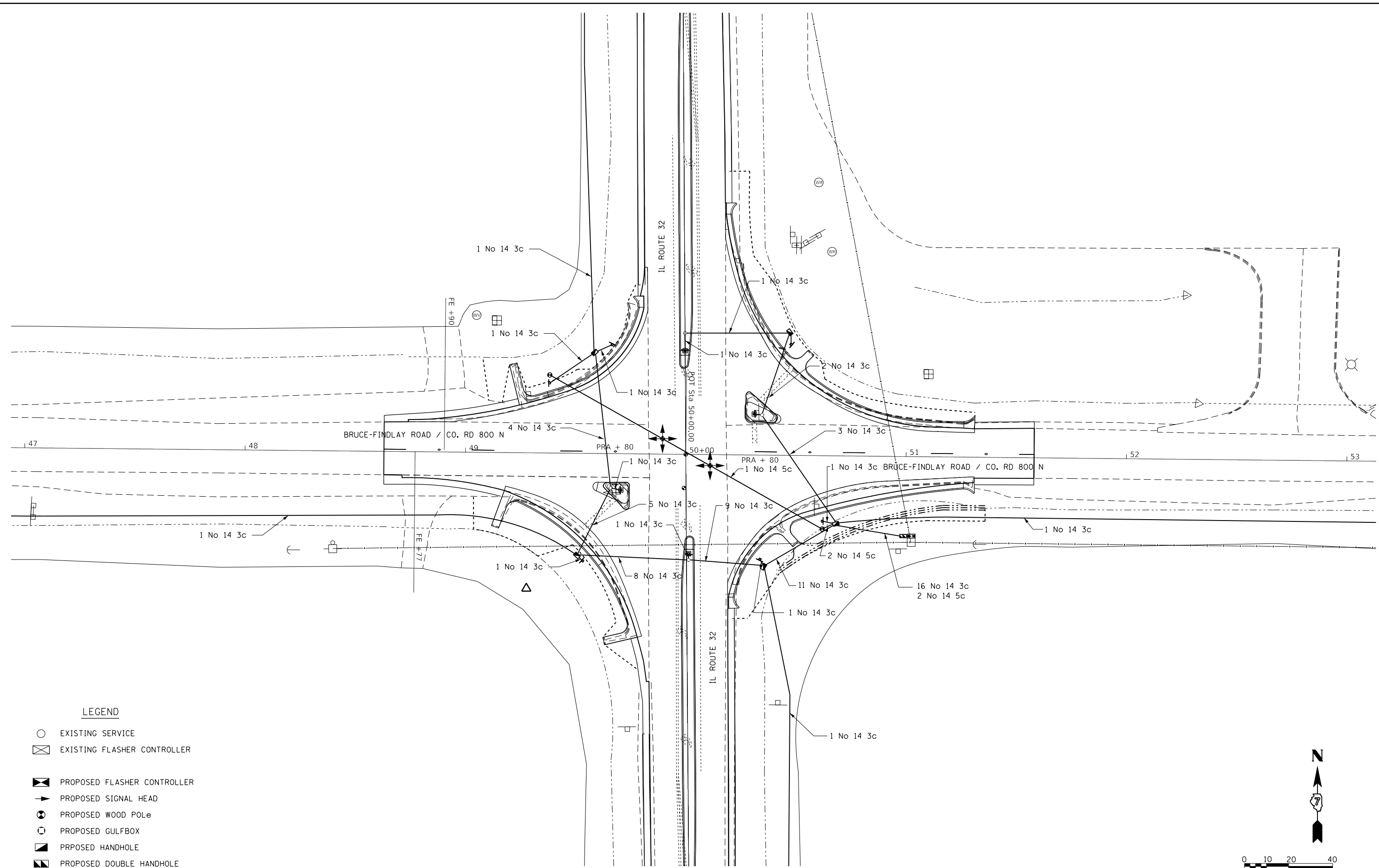
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF IL 32 & BRUCE FINDLAY RD
 ADVANCE WARNING BEACONS IL 32**

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(1&2)N	MOULTRIE	51	38
* FAP 762 & FAS 642			CONTRACT NO. 74A11	
ILLINOIS		FED. AID PROJECT		

SCALE: SHEET OF SHEETS STA. TO STA.

MODEL: Default
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LEGEND

- EXISTING SERVICE
- ⊠ EXISTING FLASHER CONTROLLER
- ⊠ PROPOSED FLASHER CONTROLLER
- PROPOSED SIGNAL HEAD
- ⊙ PROPOSED WOOD POLe
- PROPOSED GULFBX
- ⊠ PRPOSED HANDHOLE
- ⊠ PROPOSED DOUBLE HANDHOLE



0 10 20 40
SCALE IN FEET

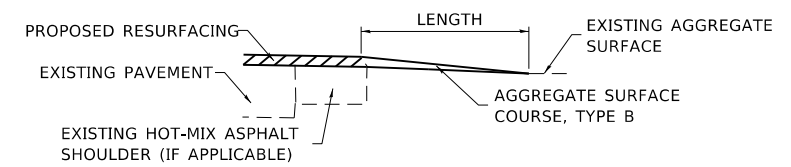
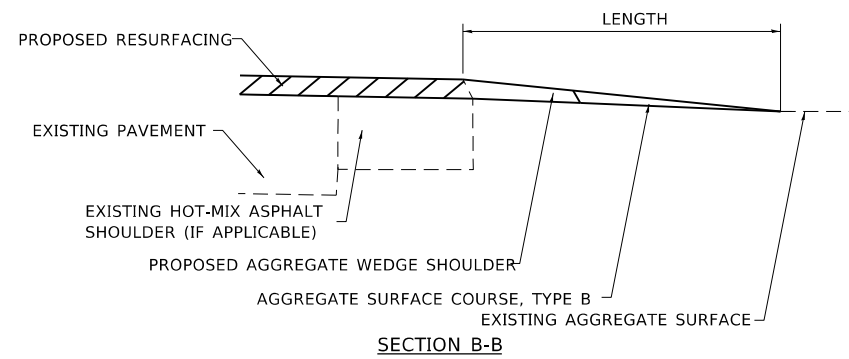
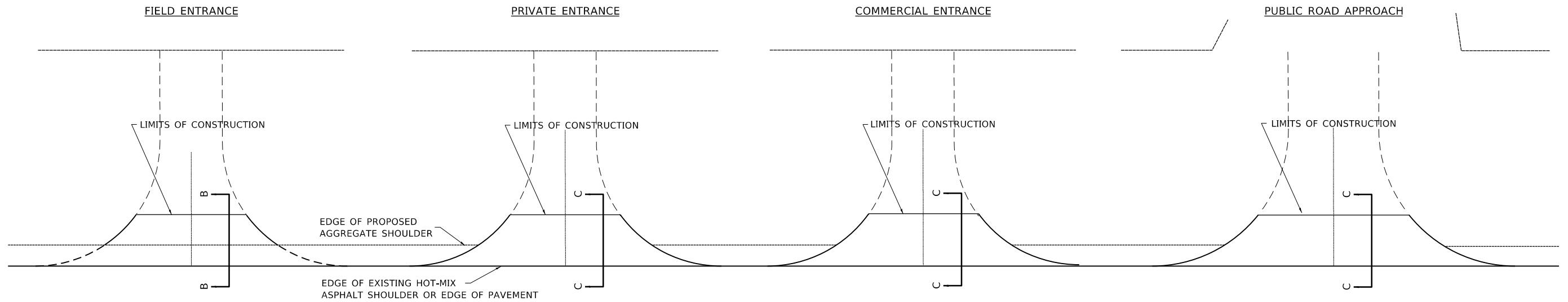
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

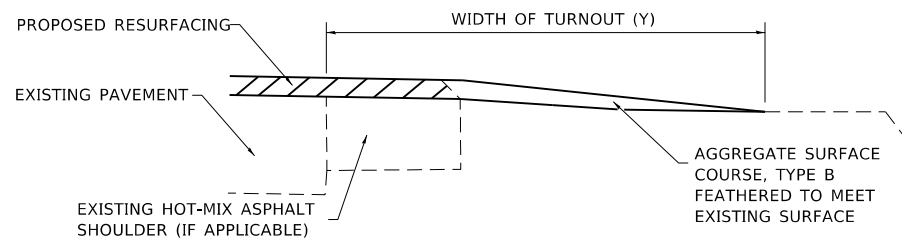
**INTERSECTION OF IL 32 & BRUCE FINDLAY RD.
SIGNAL CABLE LAYOUT**

SCALE: SHEET OF SHEETS STA. TO STA.

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* FAP 762 & FAS 642			CONTRACT NO. 74A11	
ILLINOIS			FED. AID PROJECT	

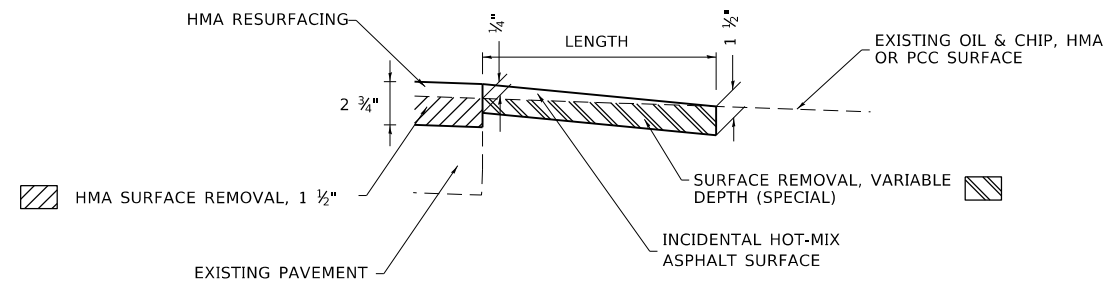


SECTION C-C



TYPICAL SECTION AT MAILBOX TURNOUT

NOTE: SEE STANDARD 406201 FOR MAILBOX TURNOUT DETAILS



SECTION C-C

NOTES

LENGTH = 10' UNLESS OTHERWISE NOTED ON PLANS

IF THERE IS NOT EXISTING HOT-MIX ASPHALT SHOULDER THEN THE ENTRANCE TAPER STARTS AT THE EDGE OF EXISTING PAVEMENT.

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PROJECT: 74A11_CADD000a_CADD000a.dwg
DATE: 10/29/2020

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	DRAWN -	REVISED -
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PLOT DATE = 10/29/2020	DATE -	REVISED -

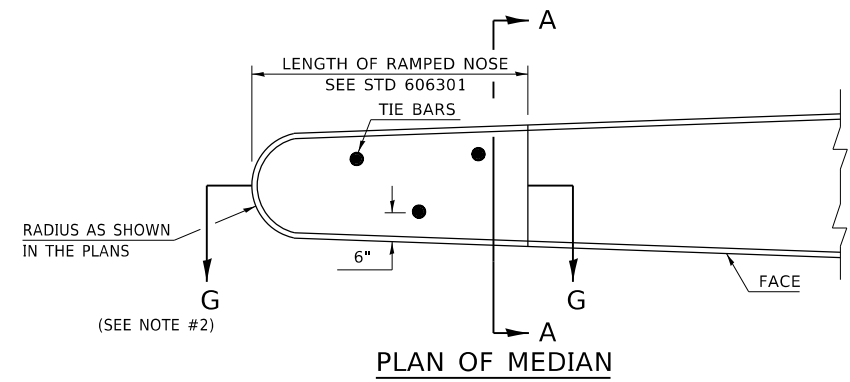
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RURAL ENTRANCE AND MAILBOX TURNOUT DETAILS
WITH SHOULDERS

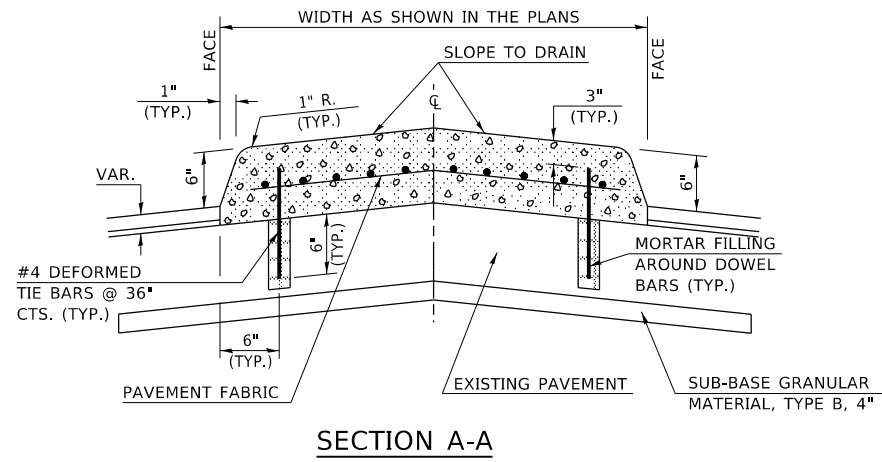
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F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(1&2)N	MOULTRIE	51	40
* FAP 762 & FAS 642		CONTRACT NO. 74A11		
ILLINOIS FED. AID PROJECT				

DETAIL OF CONCRETE MEDIAN, TYPE SB-6.06 (DOWELLED)



ALL DIMENSIONS ARE IN INCHES
UNLESS OTHERWISE SHOWN.

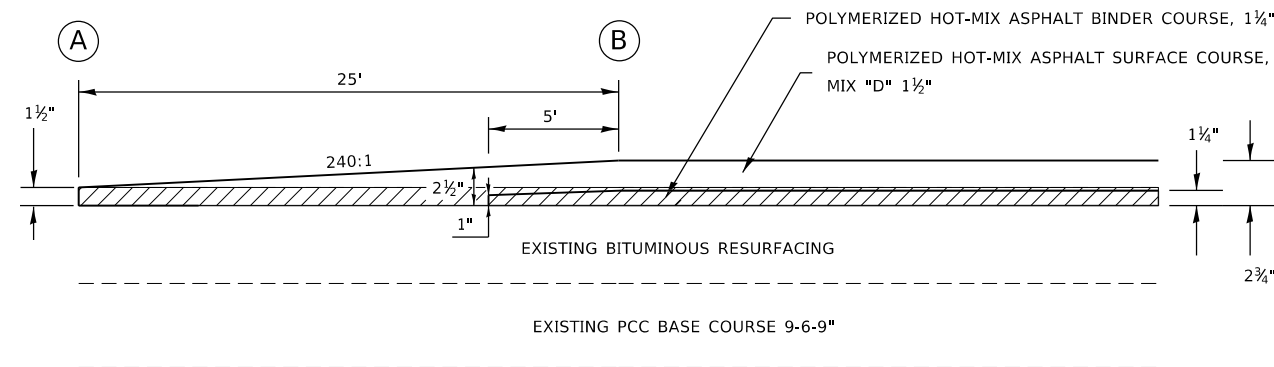


GENERAL NOTES

1. THE GENERAL NOTES FOR STANDARD 606301 SHALL APPLY.
2. SECTION G-G SHALL BE THE SAME AS SHOWN ON STANDARD 606301.
3. DOWEL BARS @ 36" CTS. OR AS DIRECTED BY THE ENGINEER.

BUTT JOINT DETAILS

<p>Ⓐ</p> <p>STATION</p> <p>285+80.87</p> <p>295+79.13</p>	<p><u>TO</u></p>	<p>Ⓑ</p> <p>STATION</p> <p>286+05.87</p> <p>295+54.13</p>
--	------------------	--



HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"

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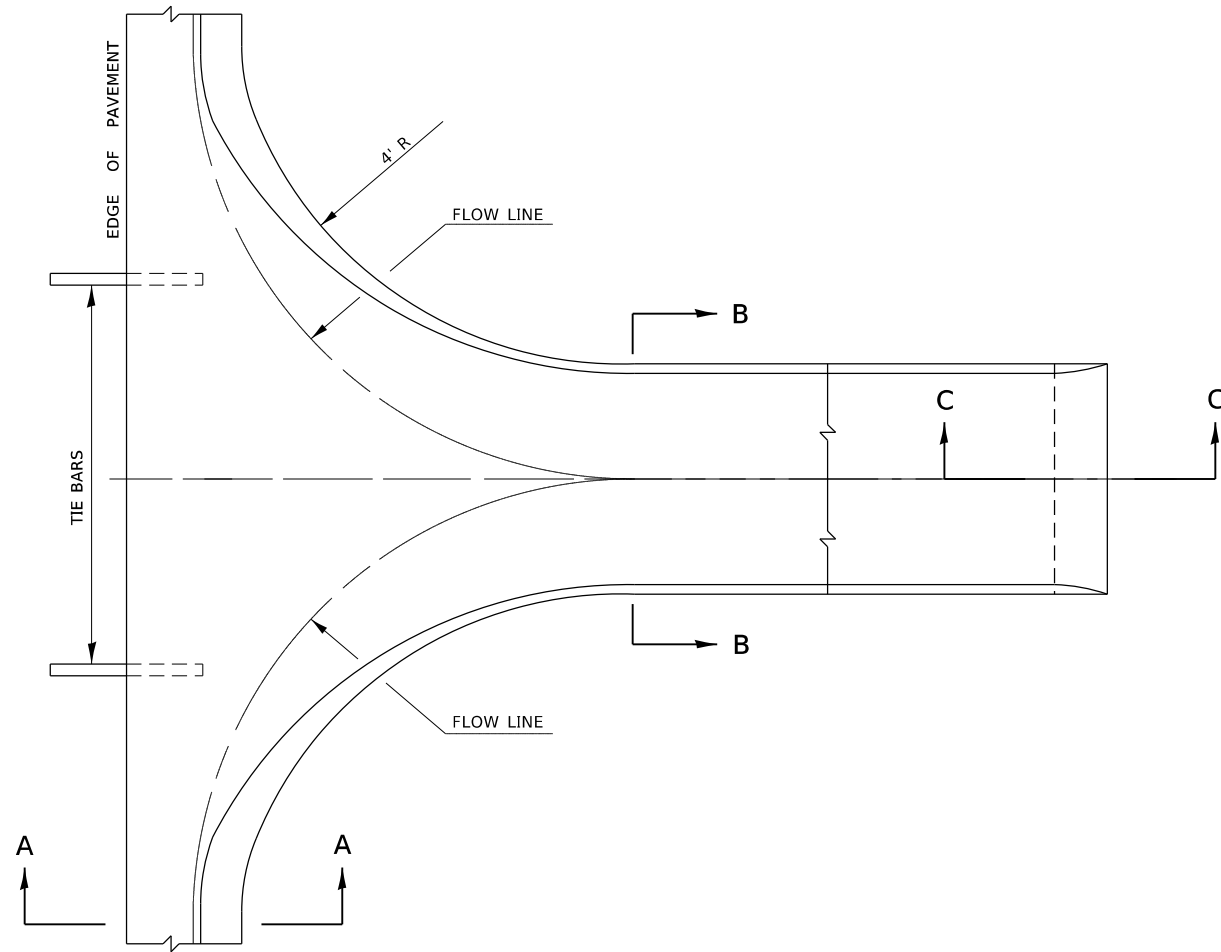
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

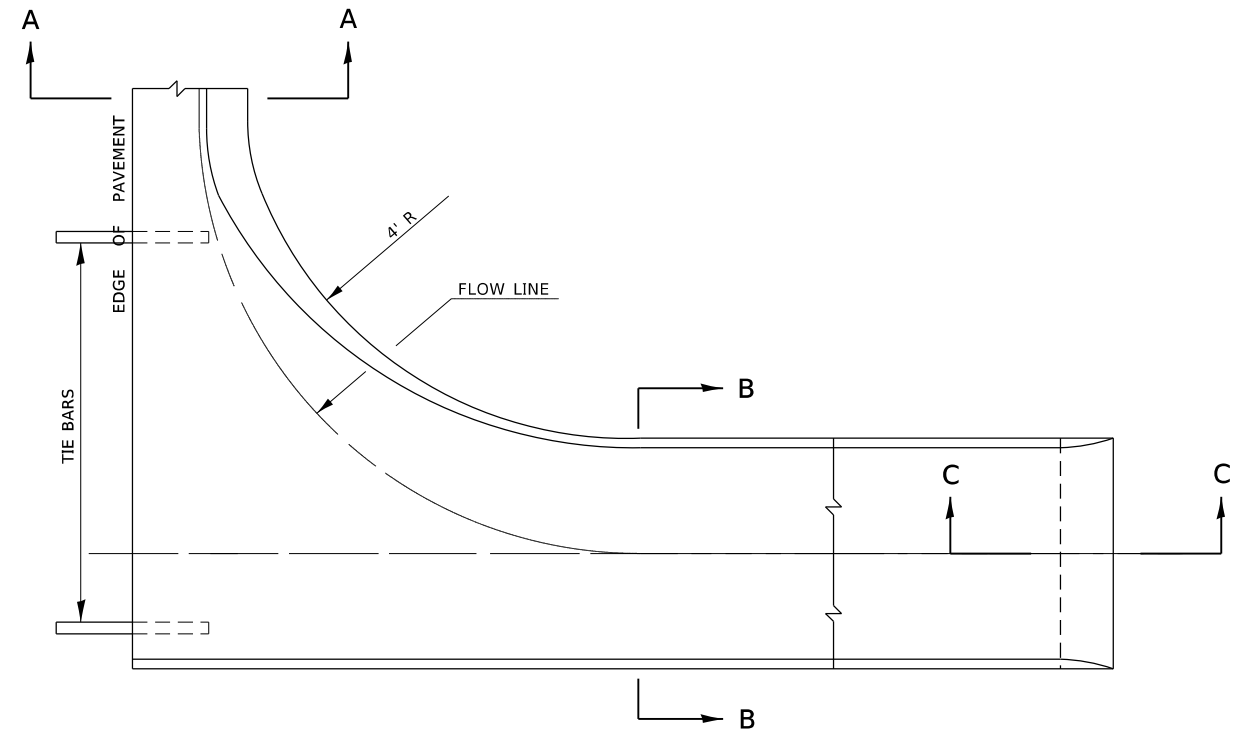
CONCRETE MEDIAN, TYPE SB-6.06 / PAVING DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(1&2)N	MOULTRIE	51	41
* FAP 762 & FAS 642			CONTRACT NO. 74A11	
ILLINOIS FED. AID PROJECT				



PLAN (OPTION 1 OUTLET)



PLAN (OPTION 2 OUTLET)

GENERAL NOTES

1. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
2. TIE BARS SHALL BE NO. 6 (NO. 20) AT 24" (600 mm) CENTERS UNLESS OTHERWISE SHOWN. OUTLETS SHALL BE TIED TO THE PAVEMENT IN ACCORDANCE WITH DETAILS FOR LONGITUDINAL CONSTRUCTION JOINT SHOWN ON STANDARD 420001.
3. WHEN SPECIAL OUTLET IS CONSTRUCTED ADJACENT TO FLEXIBLE PAVEMENT, THE TIE BARS SHALL BE OMITTED AND ALL CONSTRUCTION JOINTS SHALL BE PROVIDED WITH A DOWEL BAR CONFORMING TO ARTICLE 1006.11(b).

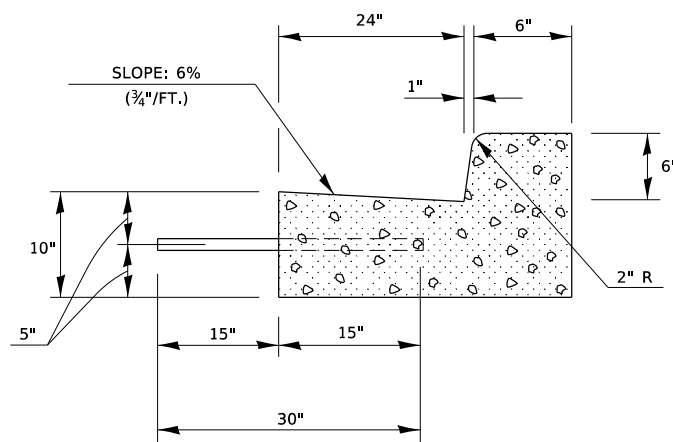
QUANTITIES

OPTION 1 OUTLET:

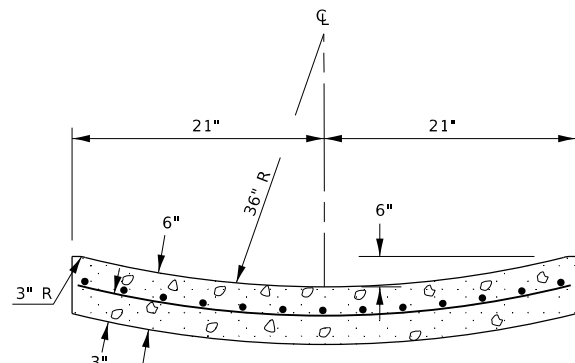
SECTION A-A TO B-B = 1.35 CU. YDS.
SECTION C-C = 0.069 CU. YDS. CONCRETE PER FT.

OPTION 2 OUTLET:

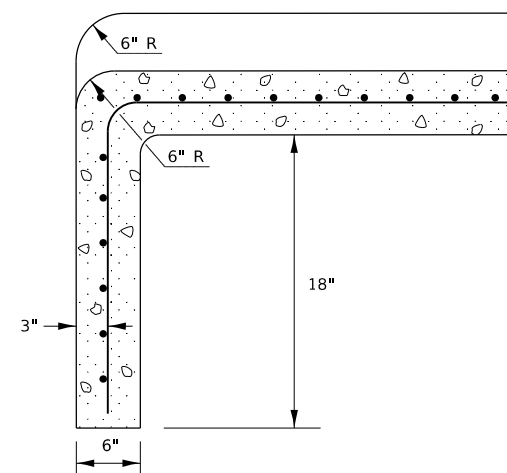
SECTION A-A TO B-B = 0.96 CU. YDS. CONCRETE
SECTION C-C = 0.069 CU. YDS. CONCRETE PER FT.



SECTION A-A



SECTION B-B



SECTION C-C

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USER NAME = steffemk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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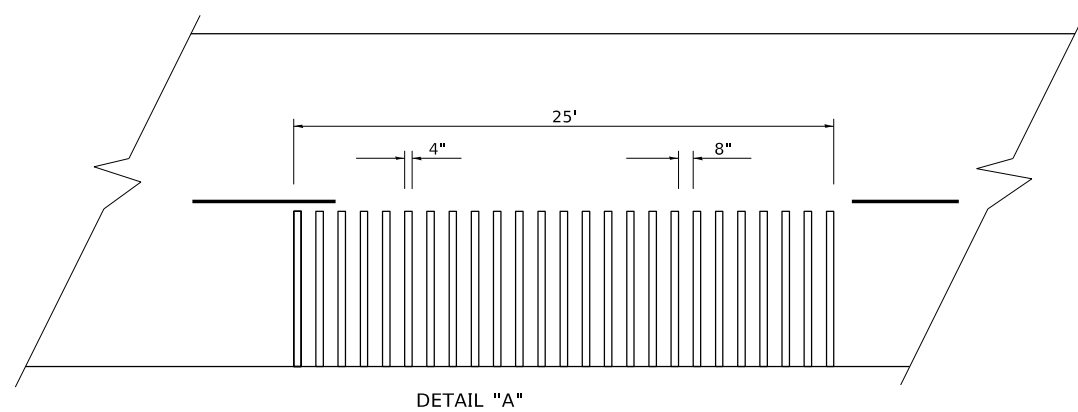
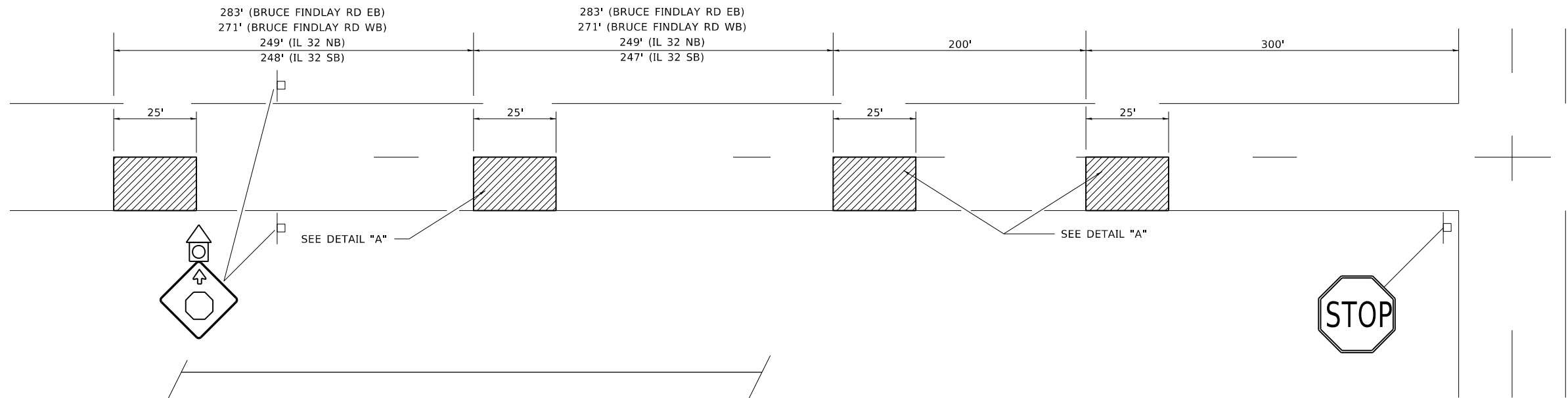
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ADDITIONAL DETAILS FOR CLASS SI CONCRETE (OUTLET), SPECIAL

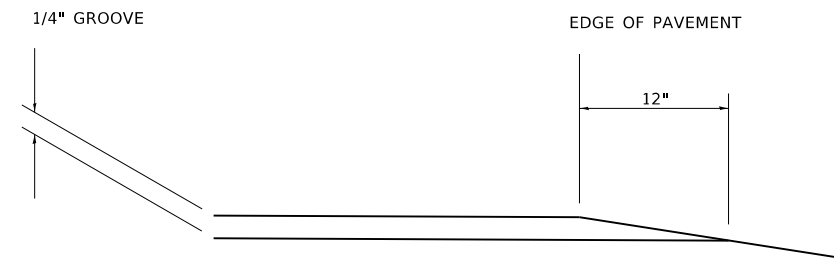
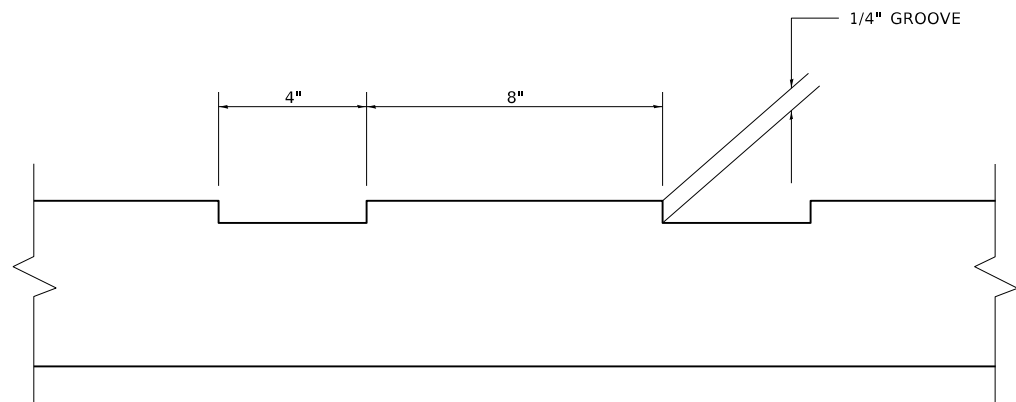
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F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(1&2)N	MOULTRIE	51	42
* FAP 762 & FAS 642		CONTRACT NO. 74A11		
		ILLINOIS FED. AID PROJECT		

RUMBLE STRIP APPLICATION



NOTE: THE 25 FEET RUMBLE AREA HAS 4" WIDE GROOVES SAWED INTO THE PAVEMENT, SEPARATED BY 8" OF EXISTING PAVEMENT. THE SAW CUTS SHALL EXTEND 12" INTO THE SHOULDER TO ALLOW FOR DRAINAGE.



NOT TO SCALE

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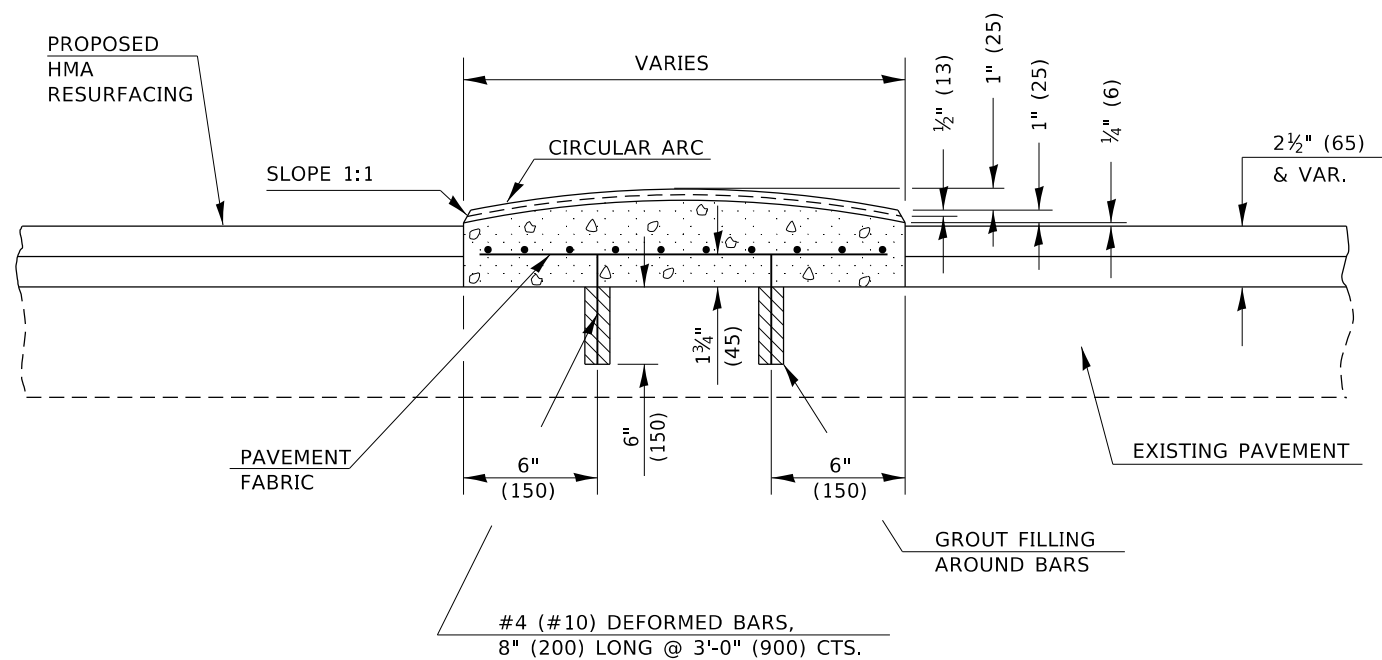
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

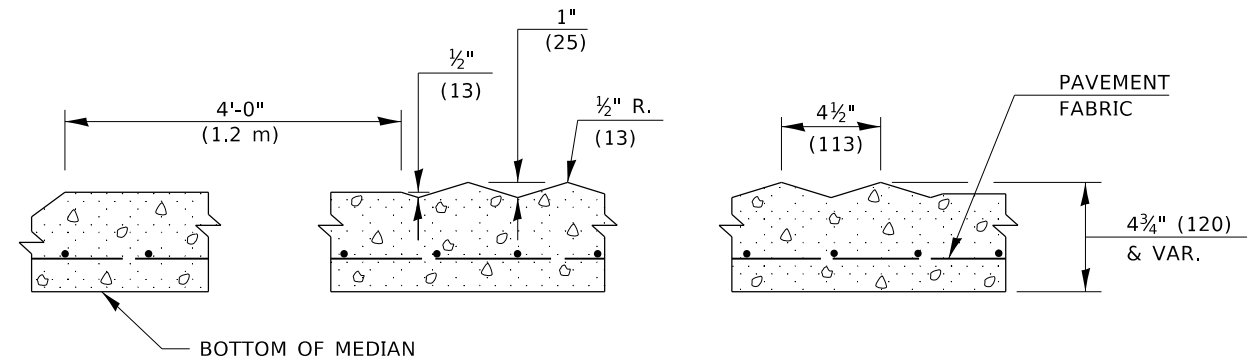
RUMBLE STRIP APPLICATION

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(1&2)N	MOULTRIE	51	43
* FAP 762 & FAS 642			CONTRACT NO. 74A11	
		ILLINOIS	FED. AID PROJECT	



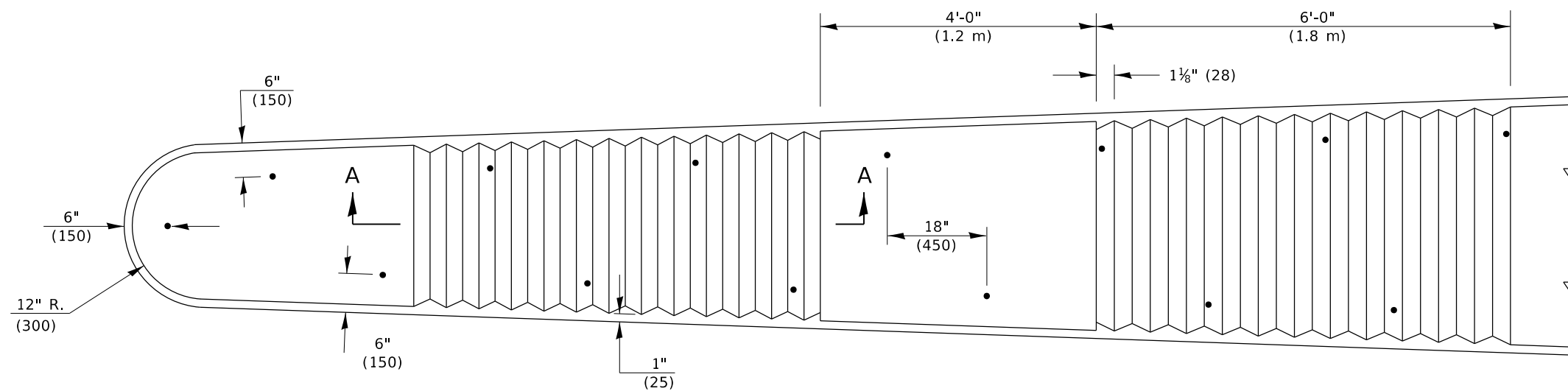
TRANSVERSE SECTION



SECTION A-A

GENERAL NOTES

1. DOWELS AT 3'-0" (900) INTERVALS OR AS DIRECTED BY THE ENGINEER.
2. SEE STANDARD 420701 FOR PAVEMENT FABRIC DETAILS.
3. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQ FT FOR CORRUGATED MEDIAN (DOWELLED). THE COST OF FURNISHING AND INSTALLING THE DOWEL BARS, GROUT FILLING, AND PAVEMENT FABRIC SHALL BE INCLUDED AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.



PLAN

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

DISTRICT 7 DETAIL NO. 60624610

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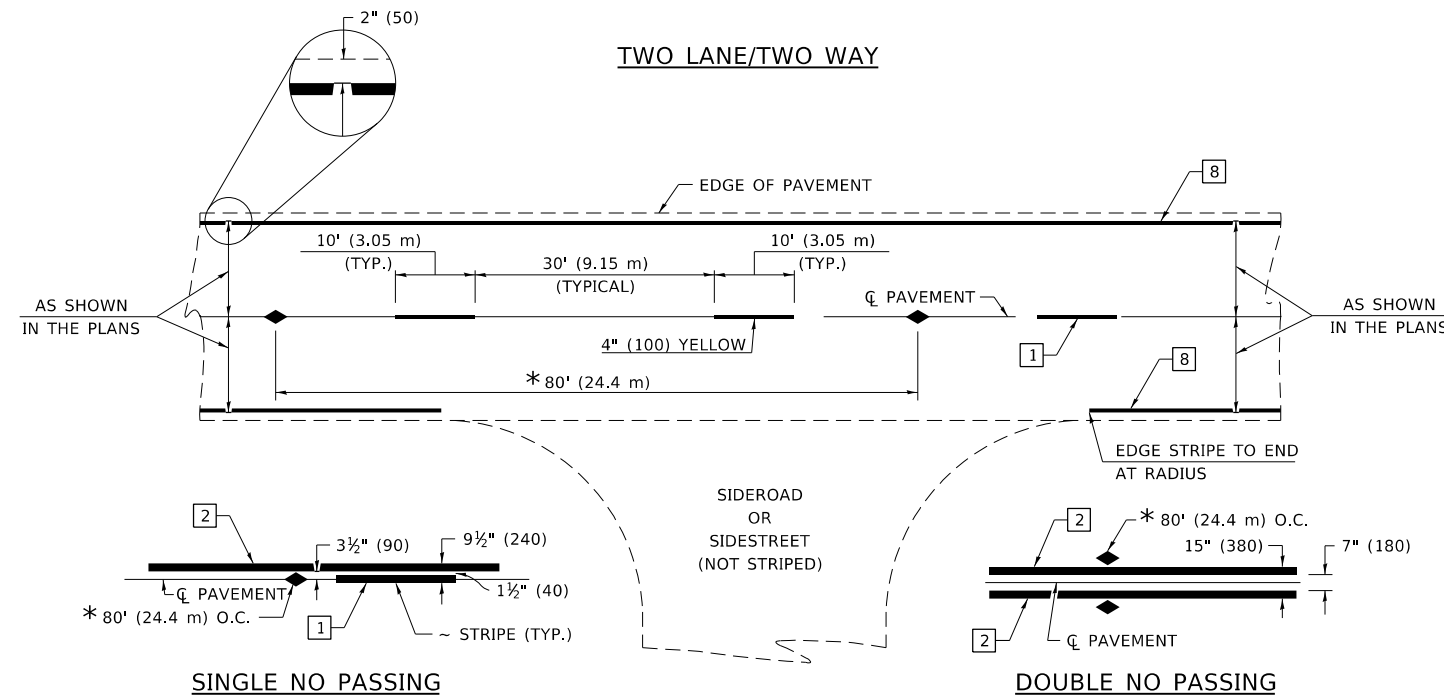
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CORRUGATED MEDIAN (DOWELLED)

SCALE: SHEET OF SHEETS STA. TO STA.

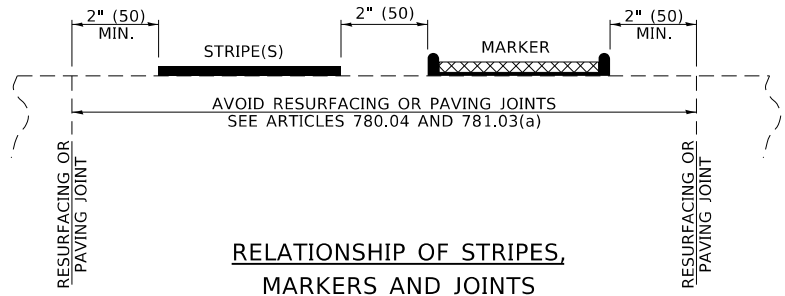
F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(1&2)N	MOULTRIE	51	44
* FAP 762 & FAS 642		CONTRACT NO. 74A11		
		ILLINOIS	FED. AID PROJECT	



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

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

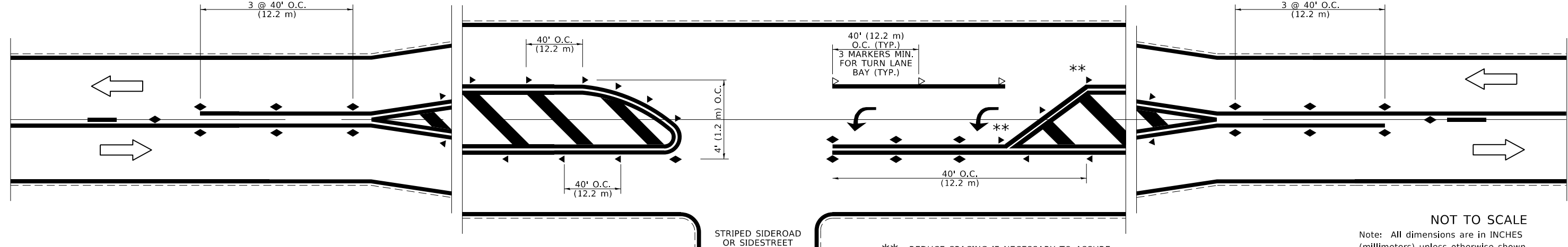


RELATIONSHIP OF STRIPES, MARKERS AND JOINTS

TYPICAL PAVEMENT MARKERS LEGEND

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

RAISED REFLECTIVE PAVEMENT MARKERS



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

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

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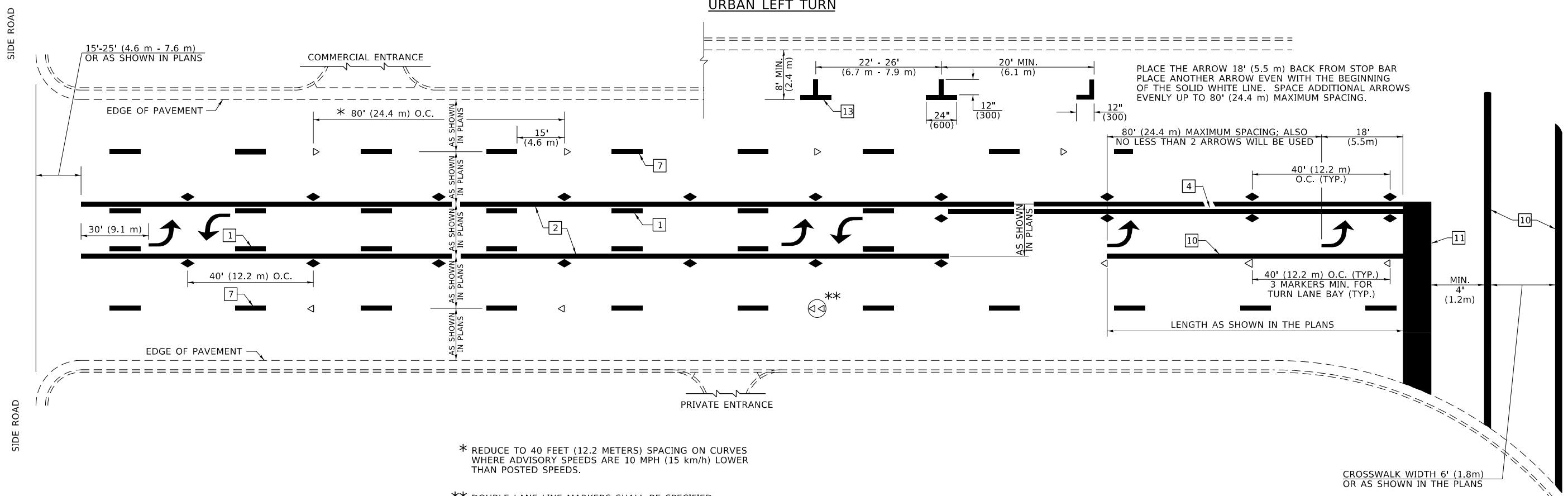
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

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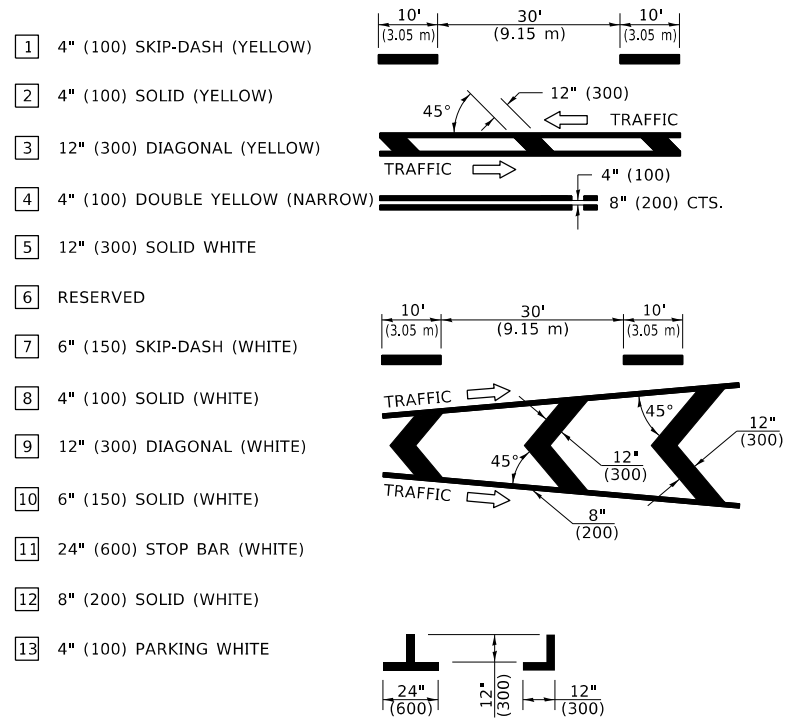
DISTRICT 7 DETAIL NO. 7800001				
F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(1&2)N	MOULTRIE	51	45
* FAP 762 & FAS 642			CONTRACT NO. 74A11	
ILLINOIS FED. AID PROJECT				

URBAN LEFT TURN



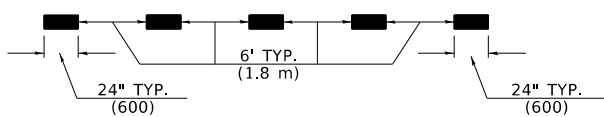
- * REDUCE TO 40 FEET (12.2 METERS) SPACING ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.
- ** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

PAVEMENT MARKING LEGEND

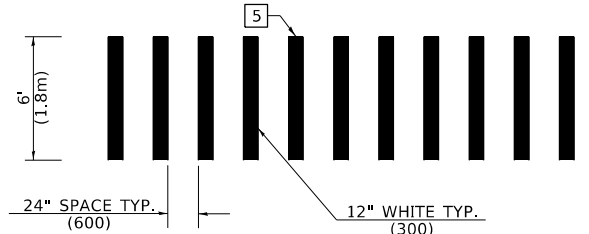


GENERAL NOTES

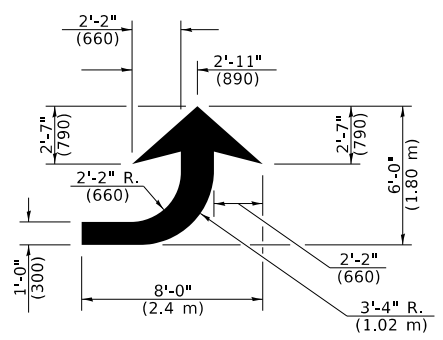
1. TURN ARROW PAIRS SHALL BE PLACED AT 250'(75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE. USE A MINIMUM OF TWO PAIRS PER BLOCK.
2. THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.
3. 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.
4. USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780x FOR SYMBOLS TABLE)
5. LANE LINE EXTENSIONS SHALL BE THE SAME COLOR AND WIDTH AS THE LANE LINE BEING EXTENDED.



LANE LINE EXTENSIONS

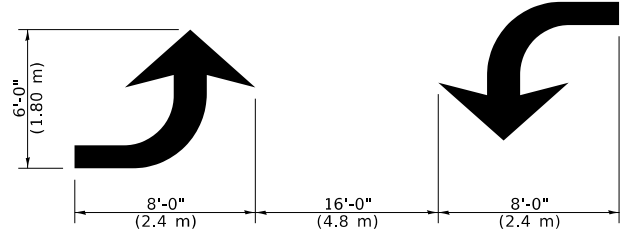


CROSSWALK DETAIL (DECATUR CITY LIMITS ONLY)



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. 7800001

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	DATE -	REVISED -

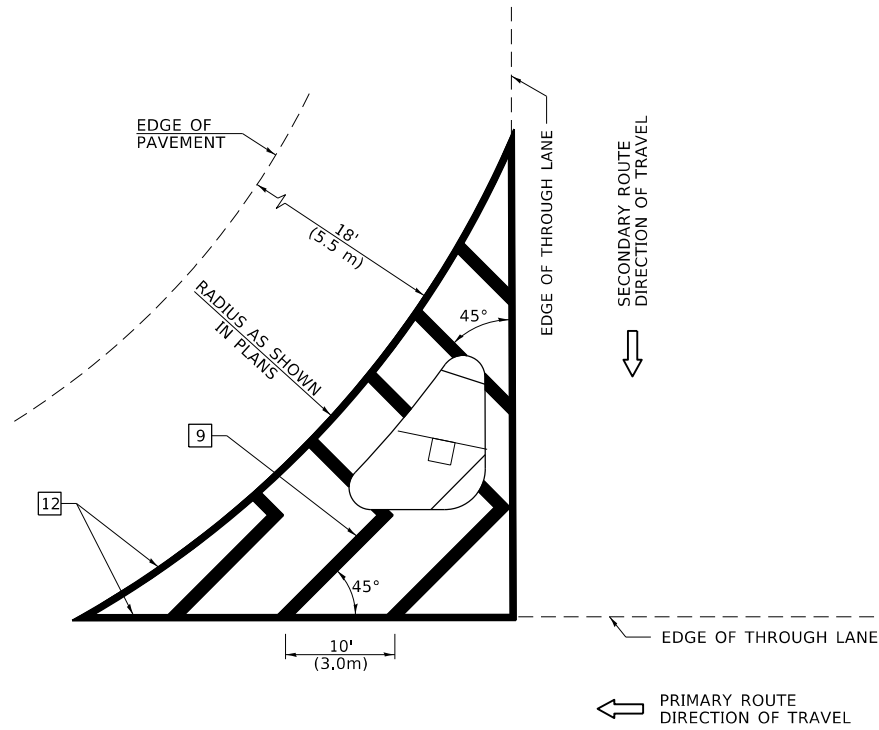
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(1&2)N	MOULTRIE	51	46
* FAP 762 & FAS 642		CONTRACT NO. 74A11		
ILLINOIS		FED. AID PROJECT		

ISLAND

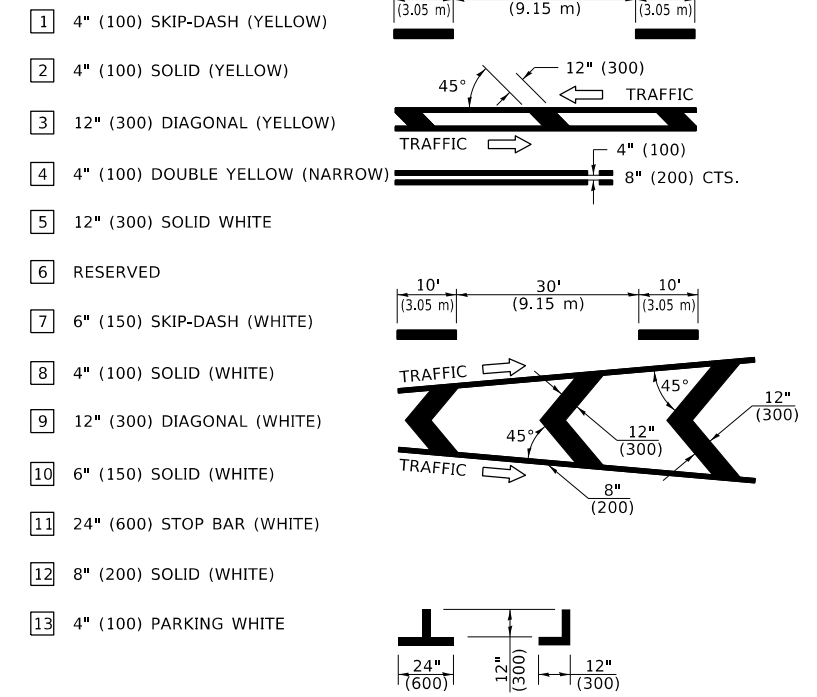


GENERAL NOTES

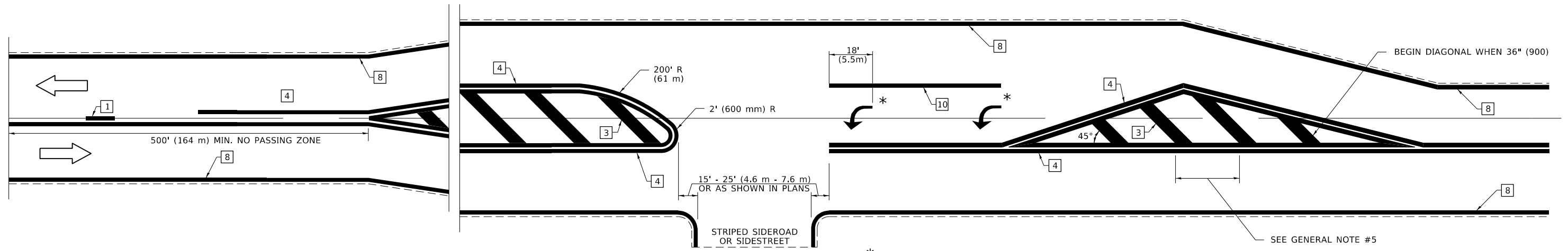
1. RAISED AND CORRUGATED MEDIANS SHALL BE OUTLINED WITH [2] IF PRESENT.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING 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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

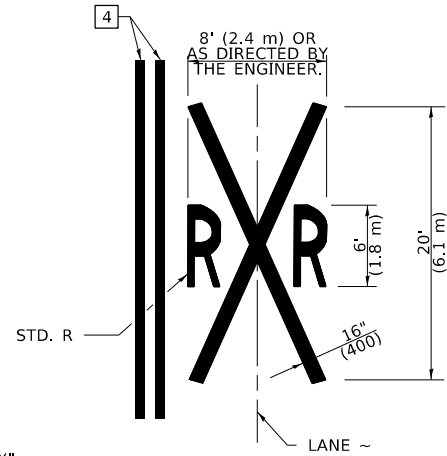
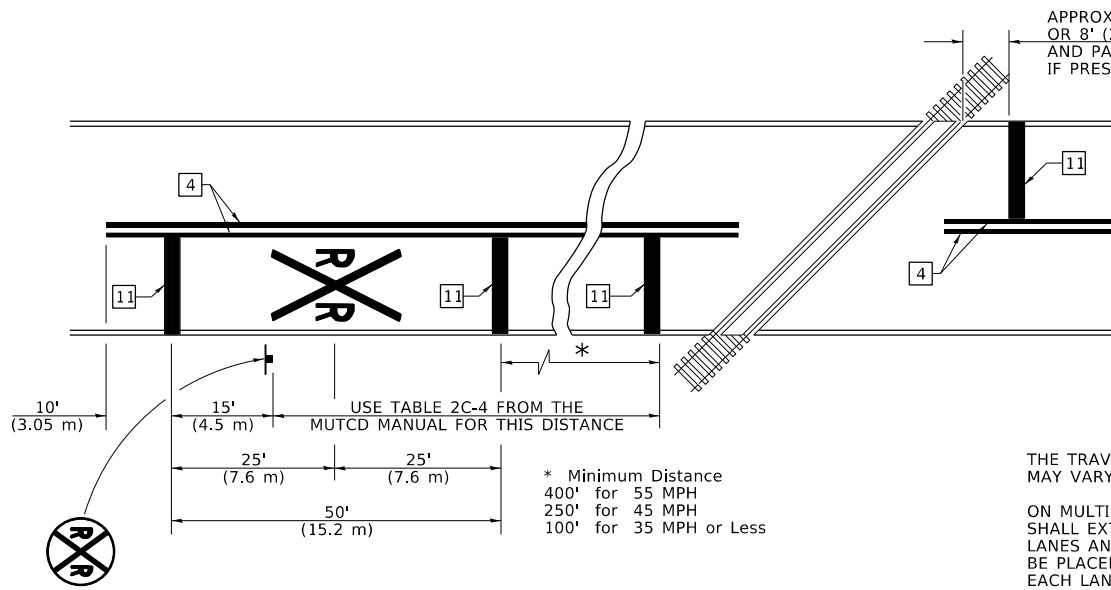
SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(1&2)N	MOULTRIE	51	47
* FAP 762 & FAS 642		CONTRACT NO. 74A11		
ILLINOIS FED. AID PROJECT				

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PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/29/2020	CHECKED -	REVISED -
	DATE -	REVISED -

PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING



NOTES

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

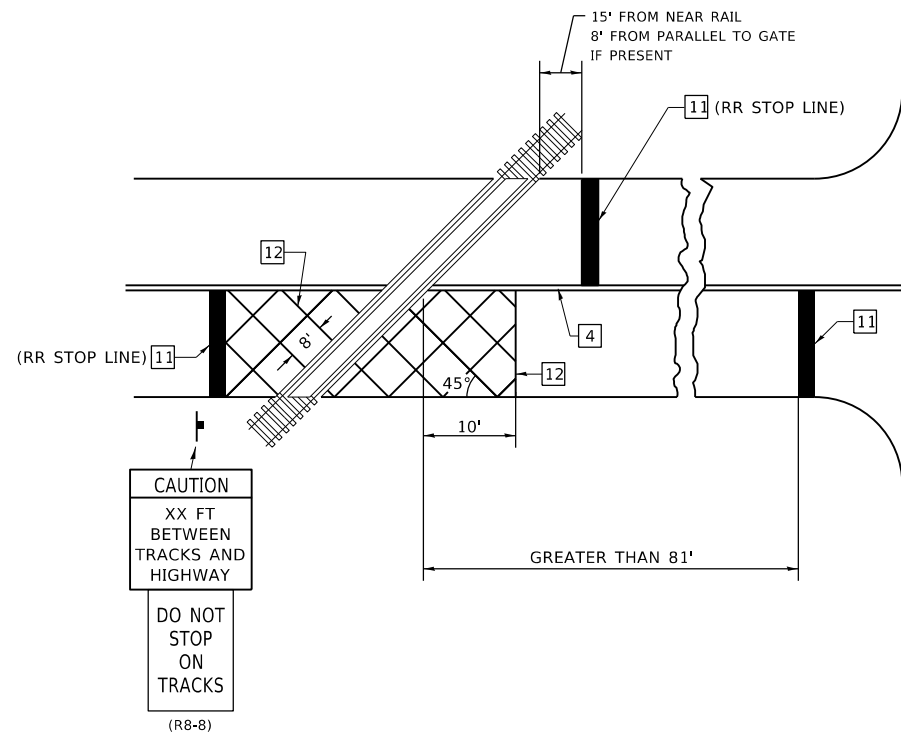
ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

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.

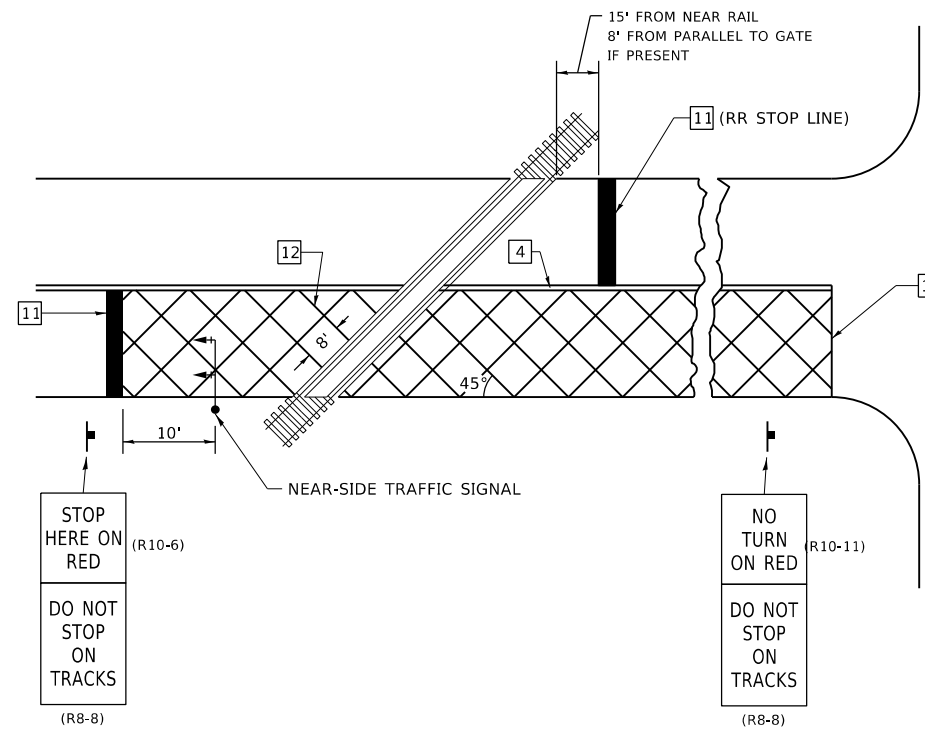
PAVEMENT MARKING LEGEND

- 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

- SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
- 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

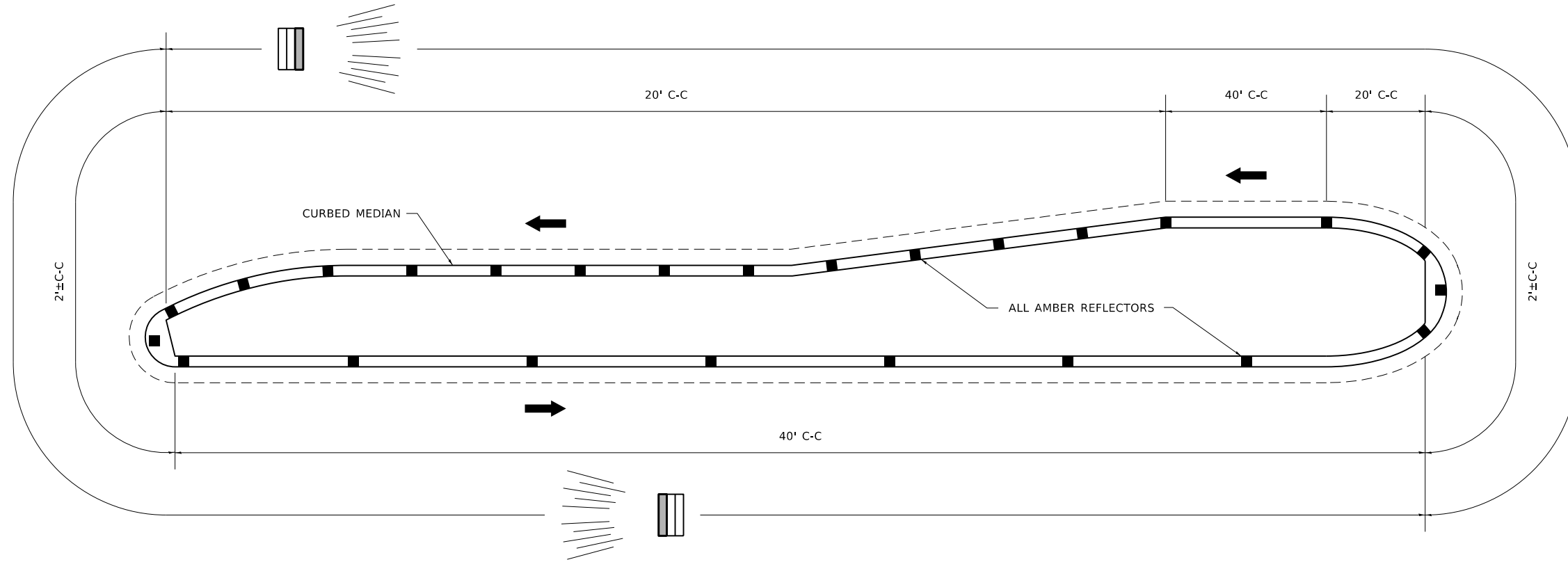
PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS
(RURAL AND URBAN APPLICATIONS)

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PLOT DATE = 10/29/2020	CHECKED -	REVISED -
	DATE -	REVISED -

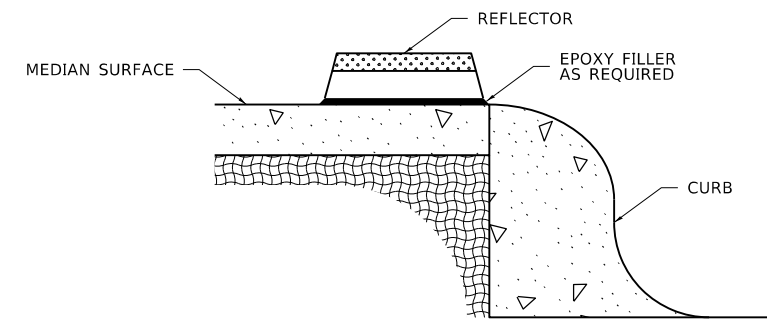
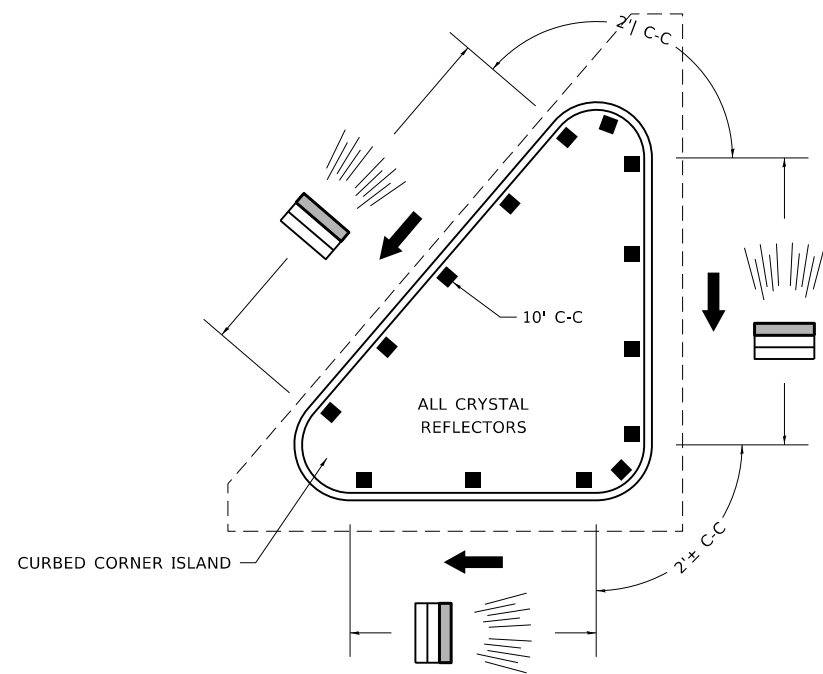
SCALE: SHEET 4 OF 4 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(1&2)N	MOULTRIE	51	48
* FAP 762 & FAS 642			CONTRACT NO. 74A11	
ILLINOIS FED. AID PROJECT				

TYPICAL PLACEMENT OF PRISMATIC CURB REFLECTORS



1. PRISMATIC REFLECTORS SHALL BE MONO-DIRECTIONAL AND POSITIONED SO THAT THE REFLECTIVE FACE IS FACING THE APPROACHING TRAFFIC.
2. PRISMATIC REFLECTORS SHALL BE SECURED IN PLACE WITH AN EPOXY ADHESIVE.
3. PRISMATIC REFLECTORS SHALL BE EITHER AMBER OR CRYSTAL IN COLOR.
4. REFER TO SCHEDULES FOR PRISMATIC REFLECTOR QUANTITIES.
5. USE A MINIMUM OF 3 REFLECTORS ON ISLAND NOSES.



SECTION VIEW

LEGEND

➔	DIRECTION OF TRAFFIC
■	PRISMATIC REFLECTOR

NOT TO SCALE

DISTRICT 7 DETAIL NO. 78200300

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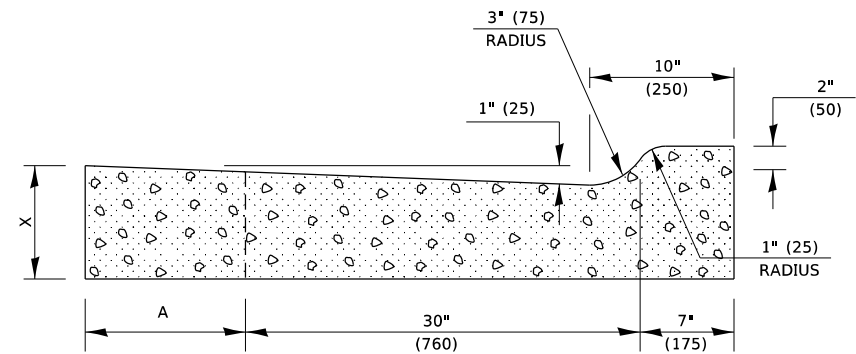
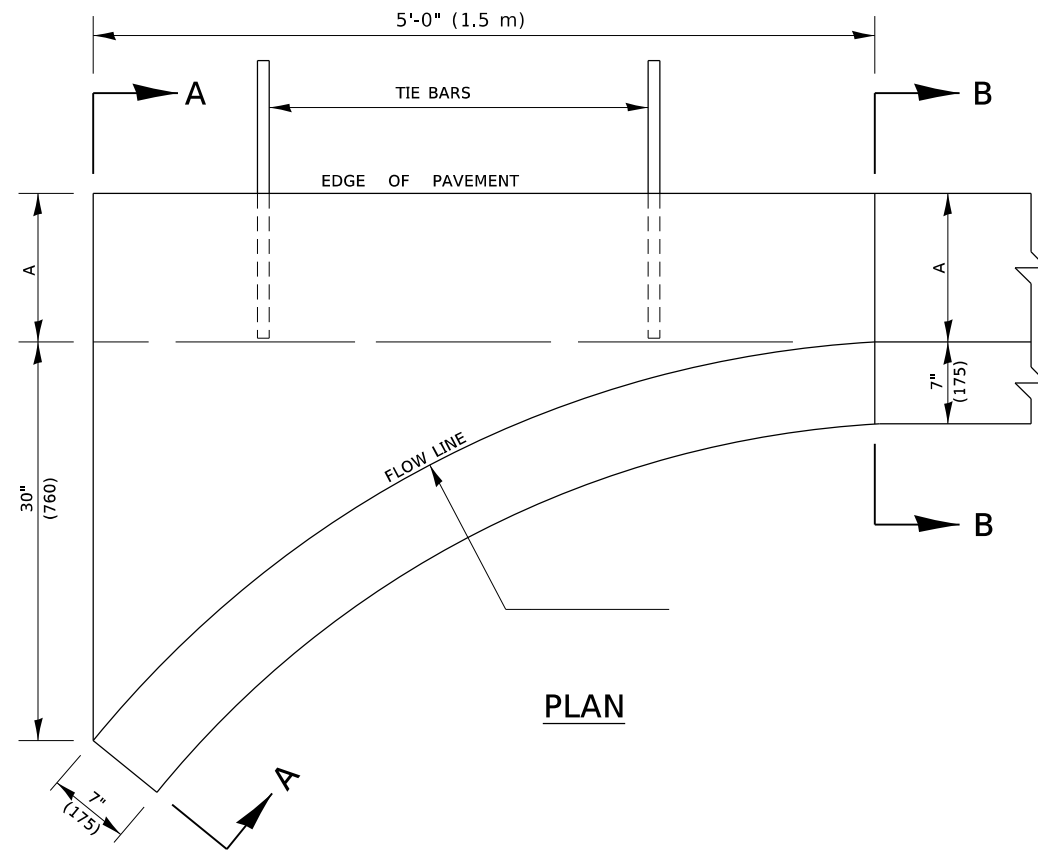
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

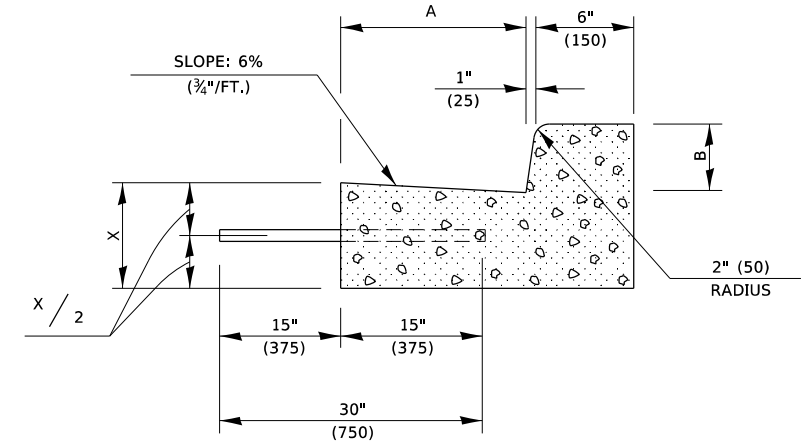
PRSIMATIC CURB REFLECTOR

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(1&2)N	MOULTRIE	51	49
* FAP 762 & FAS 642		CONTRACT NO. 74A11		
		ILLINOIS	FED. AID PROJECT	



SECTION A-A



SECTION B-B

GENERAL NOTES

1. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
2. TIE BARS SHALL BE NO. 6 (NO. 20) AT 24" (600 mm) CENTERS UNLESS OTHERWISE SHOWN. OUTLETS SHALL BE TIED TO THE PAVEMENT IN ACCORDANCE WITH DETAILS FOR LONGITUDINAL CONSTRUCTION JOINT SHOWN ON STANDARD 420001.
3. WHEN SPECIAL OUTLET IS CONSTRUCTED ADJACENT TO FLEXIBLE PAVEMENT, THE TIE BARS SHALL BE OMITTED AND ALL CONSTRUCTION JOINTS SHALL BE PROVIDED WITH A DOWEL BAR CONFORMING TO ARTICLE 1006.11(b).

	B-6.12 (B15.30)		B-9.12 (B-22.30)		B-6.18 (B-15.45)		B-9.18 (B22.45)		B-6.24 (B15.60)		B-9.24 (B-22.60)	
A	12" (300)	12" (300)	12" (300)	12" (300)	18" (450)	18" (450)	18" (450)	18" (450)	24" (600)	24" (600)	24" (600)	24" (600)
B	6" (150)	6" (150)	9" (225)	9" (225)	6" (150)	6" (150)	9" (225)	9" (225)	6" (150)	6" (150)	9" (225)	9" (225)
X	9" (225)	10" (250)	9" (225)	10" (250)	9" (225)	10" (250)	9" (225)	10" (250)	9" (225)	10" (250)	9" (225)	10" (250)
CU. YD. (m ³) CLASS SI CONCRETE (OUTLET)	0.37 (0.28)	0.42 (0.32)	0.38 (0.29)	0.42 (0.32)	0.44 (0.34)	0.49 (0.37)	0.45 (0.34)	0.50 (0.38)	0.51 (0.39)	0.56 (0.43)	0.52 (0.40)	0.57 (0.44)

NOT TO SCALE

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

DISTRICT 7 DETAIL NO. X6060097

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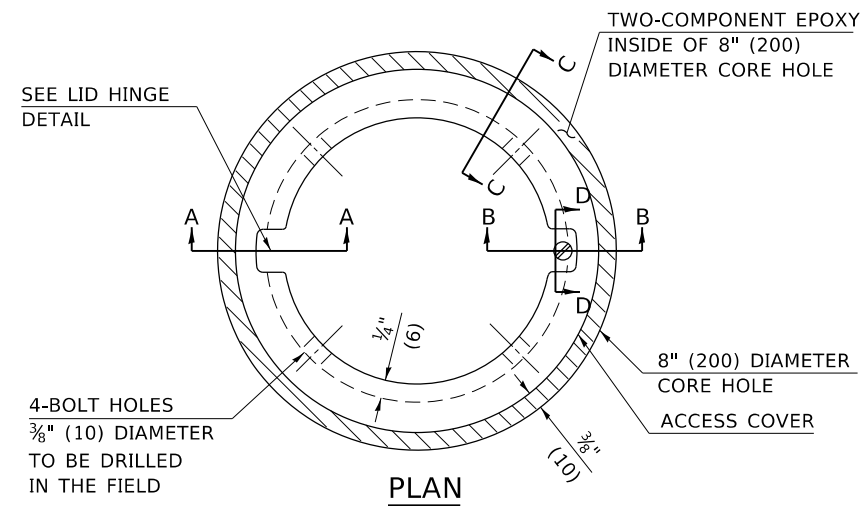
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PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/29/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CLASS SI CONCRETE (OUTLET), SPECIAL

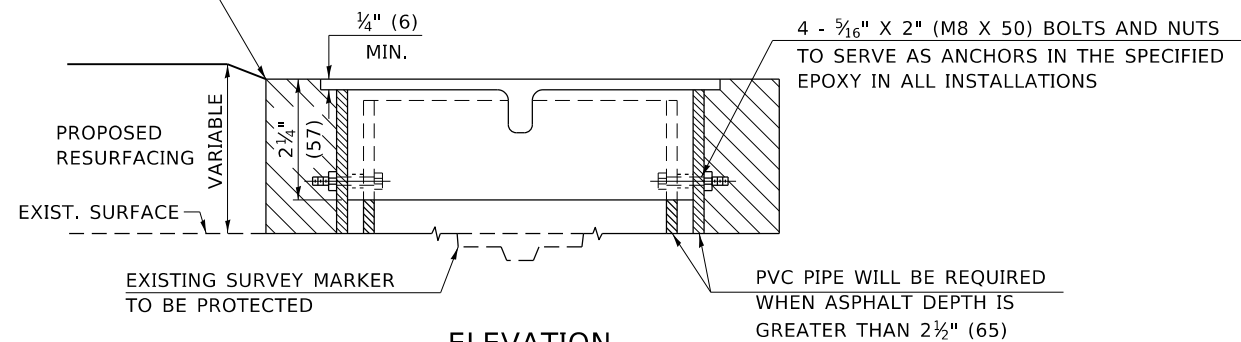
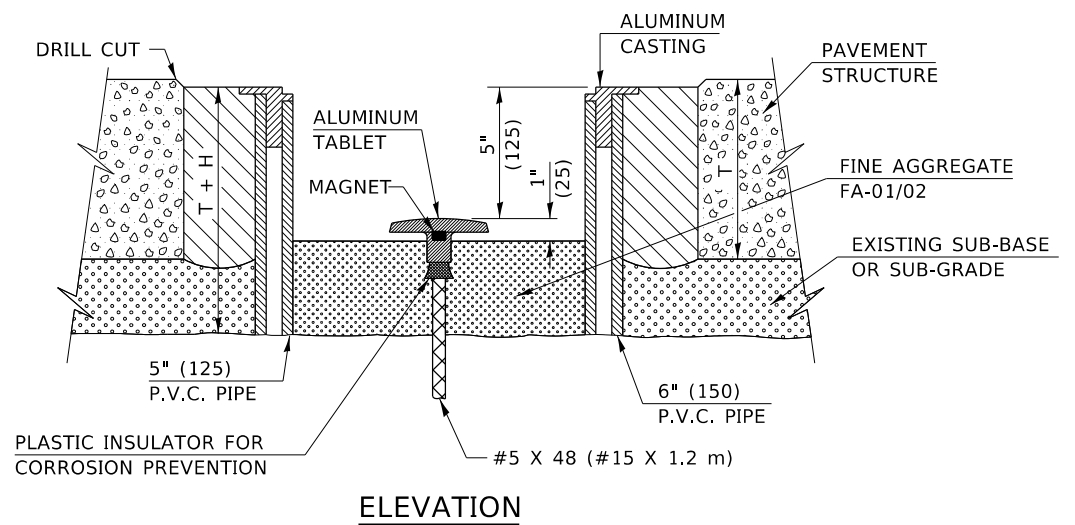
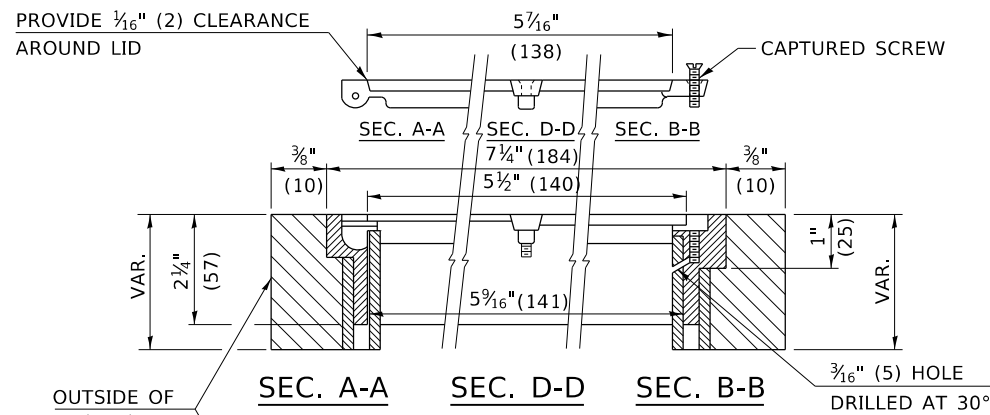
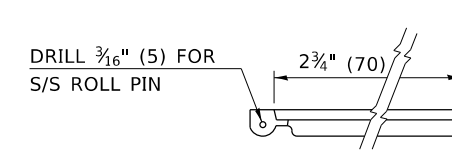
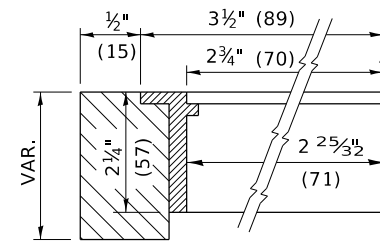
SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(1&2)N	MOULTRIE	51	50
* FAP 762 & FAS 642		CONTRACT NO. 74A11		
ILLINOIS		FED. AID PROJECT		



- 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 - 3/16" 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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SURVEY MARKER VAULT

USER NAME = stefenmk	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/29/2020	CHECKED -	REVISED -
	DATE -	REVISED -

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(1&2)N	MOULTRIE	51	51
* FAP 762 & FAS 642		CONTRACT NO. 74A11		

ILLINOIS FED. AID PROJECT

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