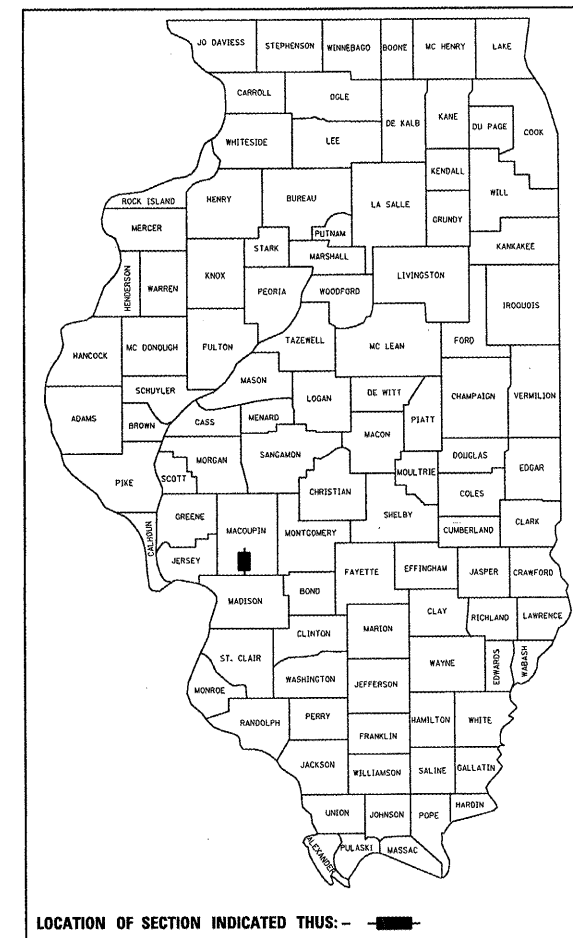


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	1

- - FAP 325 & FAP 604
 ** - 14R; 115RS-2; 116RS-4; 101RS-2

D-96-545-00



LOCATION OF SECTION INDICATED THUS: - ■ -

IL 16 INTERSECTION IL 159
 ADT = 2400 ADT = 3200
 % SU = 3.8 % SU = 5.3
 % MU = 4.9 % MU = 5.3

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED *April 28, 2006*
Chris M. Reed
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 12, 2006
Mike Hene
 ENGINEER OF DESIGN AND ENVIRONMENT

May 12, 2006
Milton R. Sees
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**PRINTED BY THE AUTHORITY
 OF THE STATE OF ILLINOIS**

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

**PROPOSED
 HIGHWAY PLANS**

FAP 325 (IL 16) & FAP 604 (IL 159)
 SECTION 14R; 115RS-2; 116RS-4; 101RS-2
 PROJECT
 MACOUPIN COUNTY
 C-96-522-06

FOR INDEX OF SHEETS, SEE SHEET NO. 2

LIST OF ILLINOIS DOT HIGHWAY STANDARDS

280001-02	701001-01	701801-03
442201-01	701006-02	702001-05
542306	701011-01	704001-02
542311	701201-02	720001
602301	701301-02	720006
602306	701306-01	720011
602601	701311-02	729001
604036-01	701321-08	780001-01
606001-02	701326-02	781001-02
606301-02	701501-03	000001-04
666001		

PART A

INCLUDES RECONSTRUCTION OF THE EXISTING 'Y' TYPE INTERSECTION OF IL 16 AND IL 159 TO A PROPOSED 'T' TYPE INTERSECTION
 WEST LIMIT STA 1127+36.20
 NORTH LIMIT STA 119+12.12
 SOUTH LIMIT STA 101+26.77

PART B

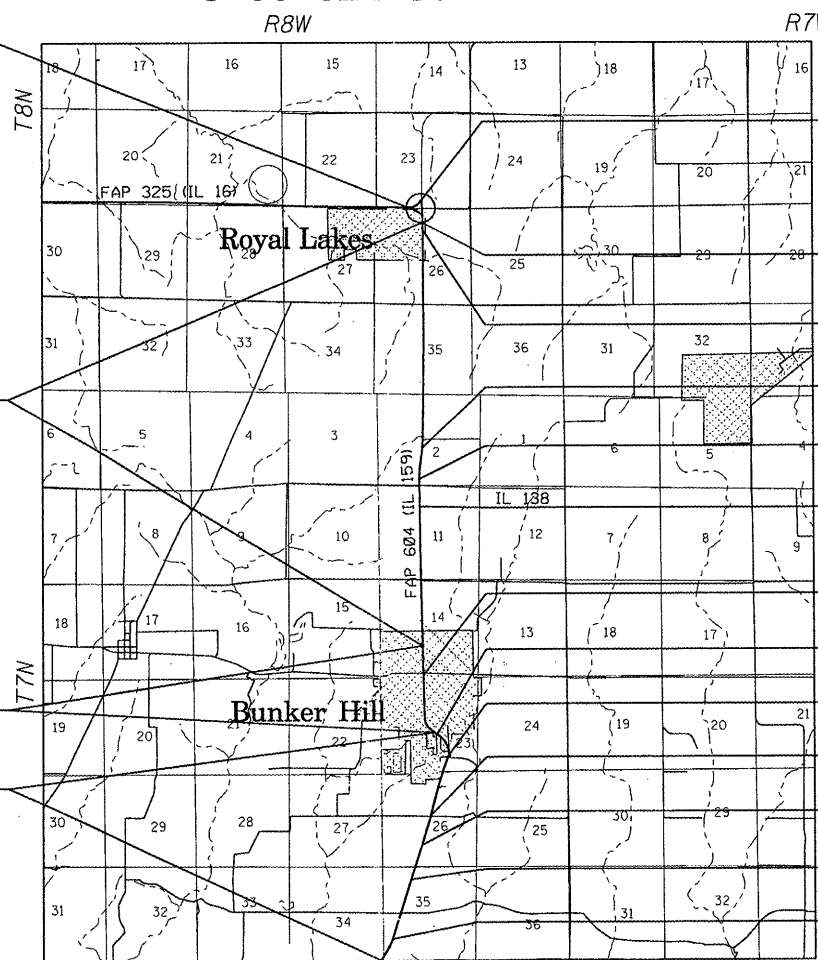
NORTH LIMIT STA 1149+43.64
 SOUTH LIMIT STA 188+25.00

PART C

NORTH LIMIT STA 188+25.00
 SOUTH LIMIT STA 30+00.00

PART D

NORTH LIMIT STA 30+00.00
 SOUTH LIMIT STA 175+07.05



BEGIN PROJECT
 STA 119+12.12

STA 101+26.77 BK =
 STA 1149+43.64 AH

STA 1154+95.82 BK =
 STA 1154+99.92 AH

STA 1280+02.26 BK =
 STA 1280+11.77 AH

STA 1293+48.10 BK =
 STA 1293+53.91 AH

STA 1304+24.50 BK =
 STA 104+01.66 AH

STA 205+49.85 BK =
 STA 0+00.00 AH

STA 30+61.01 BK =
 STA 31+09.65 AH

STA 51+64.30 BK =
 STA 53+55.92 AH

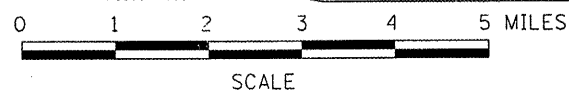
STA 91+74.78 BK =
 STA 91+75.20 AH

STA 106+20.58 BK =
 STA 106+24.40 AH

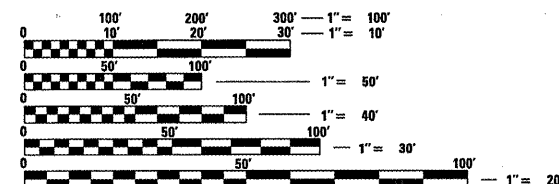
STA 124+31.79 BK =
 STA 124+36.47 AH

STA 165+49.56 BK =
 STA 165+56.00 AH

END PROJECT
 STA 175+07.05



LENGTH OF PROJECT = 44,646.41 FEET = 8.46 MILES



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 EXCAVATION
 1-800-892-0123

CONTRACT NO. 72232

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

* FAP 325 (IL 16) & FAP 604 (IL 159)
** 14R; 115RS-2; 116RS-4; 101RS-2

GENERAL NOTES

- ALL OF THE DISTURBED AREAS WITHIN THE RIGHT OF WAY NOT COVERED BY SURFACING MATERIAL SHALL BE SEEDED.
- CONTRACTOR SHALL PROVIDE ADEQUATE DRAINAGE AND EROSION PROTECTION FOR THE DURATION OF THIS PROJECT.
- SEEDING WILL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED SHALL BE DETERMINED BY THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE JULIE NUMBER IS 800-892-0123. A MINIMUM OF FORTY-EIGHT HOURS ADVANCE NOTICE IS REQUIRED. ANY DAMAGE TO THE UNDERGROUND FACILITIES, CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE DEPARTMENT AT THE CONTRACTOR'S EXPENSE, INCLUDING TEMPORARY REPAIRS WHICH MAY BE REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE PERMANENT REPAIRS.
- THE LOCATIONS OF THOSE BURIED AND ABOVEGROUND UTILITIES SHOWN ARE APPROXIMATE, ARE SHOWN FOR CONTRACTOR INFORMATIONAL USE ONLY, AND ARE NOT TO BE REFERENCED FOR CONSTRUCTIONS PURPOSES. THE IMPLIED PRESENCE OR ABSENCE OF UTILITIES IS NOT TO BE CONSTRUED BY THE OWNER, ENGINEER, CONTRACTOR, OR SUBCONTRACTORS TO BE AN ACCURATE AND COMPLETE REPRESENTATION OF UTILITIES THAT MAY OR MAY NOT EXIST ON THE CONSTRUCTION SITE. BURIED AND ABOVEGROUND UTILITY LOCATION, IDENTIFICATION, AND MARKING ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. REROUTING, DISCONNECTION, PROTECTION, ETC. OF ANY UTILITIES MUST BE COORDINATED BETWEEN THE CONTRACTOR, UTILITY COMPANY, AND OWNER. SITE SAFETY, INCLUDING THE AVOIDANCE OF HAZARDS ASSOCIATED WITH BURIED AND ABOVEGROUND UTILITIES, REMAINS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- THE THICKNESS OF BITUMINOUS MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.
- BEFORE ORDERING PIPE CULVERTS OR PIPE DRAINS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR EXACT LENGTHS.
- AGGREGATE (PRIME COAT): FA 20 MAY BE USED IN ADDITION TO THE GRADATIONS LISTED IN THE 2ND PARAGRAPH OF ARTICLE 1003.03(c).
- FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SANDBAGS PER BARRICADE.
- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL MONUMENTS UNTIL AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR RE-ESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS OPERATIONS.

- THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.05	TONS/CU YD
BITUMINOUS MATERIAL (PRIME COAT)	0.00038	TON/SQ YD
BITUMINOUS CONCRETE SURF CSE	112	LBS/SQ YD/IN
BITUMINOUS CONCRETE BINDER CSE	112	LBS/SQ YD/IN
AGGREGATE (PRIME COAT)	0.002	TON/SQ YD
- ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER LISTED ON THE INDEX OF SHEETS OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.
- UNLESS NOTED OTHERWISE, STATIONS AND OFFSETS REFER TO CENTERLINE OF PROJECT.
- EVERY TREE SHALL BE SAVED IF POSSIBLE. THE ENGINEER IN THE FIELD WILL VERIFY AND MARK ALL TREES REQUIRED TO BE REMOVED. SHOULD THE ENGINEER'S DECISION INCREASE OR DECREASE THE QUANTITIES OF WORK TO BE PERFORMED FROM THE PLANS, THE CONTRACTOR SHALL ACCEPT PAYMENT AS STATED IN ARTICLE 104.02 OF THE STANDARD SPECIFICATIONS. TREES OUTSIDE THE LIMITS OF CONSTRUCTION SHALL NOT BE DISTURBED UNLESS DESIGNATED BY THE ENGINEER.
- IN ADDITION TO FIELD SURVEYS AND AERIAL SURVEYS, PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING FACILITIES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD. SUCH VARIATIONS SHALL NOT BE A CAUSE FOR ADDITIONAL COMPENSATION DUE TO A CHANGE IN THE SCOPE OF THE WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.
- THE GRADING AND SHAPING OF THE DITCHES SHALL BE DONE IN SUCH A MANNER TO ESTABLISH POSITIVE FLOW BETWEEN DRAINAGE STRUCTURES, OR BETWEEN THE EXISTING ELEVATION AT THE UPSTREAM END OF THE GRADING TO THE DOWNSTREAM DRAINAGE STRUCTURE.
- EARTH EXCAVATION NECESSARY TO CONSTRUCT BITUMINOUS SHOULDERS 8", BITUMINOUS BASE COURSE, SUPERPAVE, 9", AND BITUMINOUS BASE COURSE WIDENING, SUPERPAVE, 9" SHALL BE PAID FOR AS EARTH EXCAVATION WIDENING AS SPECIFIED IN SECTION 202 OF THE STANDARD SPECIFICATIONS.

COMMITMENTS:

A VERBAL COMMITMENT WITH LUMBER YARD PERSONNEL NOT TO REMOVE ADDITIONAL ENTRANCES BETWEEN LT STA 187+00 AND LT STA 191+00 WHICH ARE NOT IN USE AT THIS TIME. THE LUMBER YARD HAS PLANS OF USING THESE ENTRANCES IN THE FUTURE.

INDEX OF SHEETS

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156-160	STAGE 2 IL 159 CROSS SECTIONS (PART A)
161-173	STAGE 3 IL 159 CROSS SECTIONS (PART A)
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175-176	NORTH STREET CROSS SECTIONS (PART B)
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225-230	WEST ALTON STREET CROSS SECTIONS (PART C)
231	EAST ALTON STREET CROSS SECTIONS (PART C)

IL 159 / IL 16			ALTON ST		
STRUCTURAL DESIGN TRAFFIC:	Year 2021		STRUCTURAL DESIGN TRAFFIC:	Year 2021	
PV= 90.5%	SU= 3.7%	MU= 5.8%	PV= 95.0%	SU= 0.0%	MU= 5.0%
ROAD/STREET CLASSIFICATION:	Class II		ROAD/STREET CLASSIFICATION:	Class III	
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:			PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
P= 50.0%	S= 50.0%	M= 50.0%	P= 50.0%	S= 50.0%	M= 50.0%
TRAFFIC FACTOR:	Actual TF = 0.8		TRAFFIC FACTOR:	Actual TF = 0.3	
SUBGRADE SUPPORT RATING:	POOR		SUBGRADE SUPPORT RATING:	POOR	

IDOT DISTRICT 6	
EXAMINED	May 27, 2006
<i>[Signature]</i>	
OPERATIONS ENGINEER	
EXAMINED	April 27, 2006
<i>[Signature]</i>	
PROJECT IMPLEMENTATION ENGINEER	
EXAMINED	April 27, 2006
<i>[Signature]</i>	
PROGRAM DEVELOPMENT ENGINEER	

The following mixture requirements are applicable for this project:

Mix No.	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
Mixture Use(s)	Bituminous Surface	Level Binder	Incidental Surface	Bituminous Binder Course	Bituminous Shoulders	Bituminous Base Course
AC/PG:	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 58-22	PG 64-22
RAP %: (Max)	15%	20%	15%	20%	15%	20%
Design Air Voids:	4.0 @ Ndesign = 50	4.0 @ Ndesign = 50	4.0 @ Ndesign = 50	4.0 @ Ndesign = 50	2.0 @ Ndesign = 30	4.0 @ Ndesign = 50
Mixture Composition: (Gradation Mixture)	IL 9.5 or 12.5	IL 9.5	IL 9.5 or 12.5	IL 19.0	BAM	IL 19.0
Friction Aggregate:	MIX "D"	N/A	MIX "C"	N/A	N/A	N/A

THE TOP LIFT OF ALL BITUMINOUS SHOULDERS SHALL USE BITUMINOUS CONCRETE SURFACE COURSE SUPERPAVE, IL 9.5, (LOW ESAL)

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		GENERAL NOTES FAP 325 (IL 16) & FAP 604 (IL 159) SECTION 14R, 115RS-2, 116RS-4, 101RS-2 MACOUPIN COUNTY
SCALE:	VERT. DATE	DRAWN BY CHECKED BY

PLOT DATE = 4/26/2006
 FILE NAME = c:\projects\72232\72232.dgn
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = cmtk

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	3
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* FAP 325 & FAP 604
** 14R; 115RS-2; 116RS-4; 101RS-2

LOCATION OF WORK				ROADWAY IMPROVEMENT	LANDSCAPING IMPROVEMENT	ROADWAY IMPROVEMENT	ROADWAY IMPROVEMENT	BITUMINOUS ROADWAY	DRAINAGE IMPROVEMENT	PARKING LANES	ROADWAY IMPROVEMENT
				80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	100% CITY WARREN ST & IL 159 PARKING AREAS	100% CITY ALTON ST	50% STATE 50% CITY IL 159	80% FEDERAL 20% STATE IL 159
				IL 16 / IL 159	IL 16 / IL 159	IL 159	IL 159	PART C	PART C	PART C	PART D
				PART A	PART A	PART B	PART C	PART C	PART C	PART C	PART D
SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE							
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	1000	1003	1000	1000	1025	1007	1025	1000
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	408	320			88				
20200100	EARTH EXCAVATION	CU YD	6,065	2,405		445	3,000		215		
20200500	EARTH EXCAVATION (WIDENING)	CU YD	1,340	1,140			200				
20800150	TRENCH BACKFILL	CU YD	75	8		12	51				4
* 25000200	SEEDING, CLASS 2	ACRE	4.75		4.75						
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	589		417	8	155		9		
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	589		417	8	155		9		
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	589		417	8	155		9		
* 25000700	AGRICULTURAL GROUND LIMESTONE	TON	15.0		9.25	0.25	5.2		0.3		
* 25100115	MULCH, METHOD 2	ACRE	4.75		4.75						
* 25200100	SODDING	SO YD	13,846			612	12,505		729		
* 25200200	SUPPLEMENTAL WATERING	UNIT	692.3			30.6	625.2		36.5		
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	2,247	1,389		39	819				
28000300	TEMPORARY DITCH CHECKS	EACH	47	29		1	17				
28000500	INLET AND PIPE PROTECTION	EACH	68	7		1	60				
28100207	STONE RIPRAP, CLASS A4	TON	253			253					
28100805	STONE DUMPED RIPRAP, CLASS A3	TON	35				35				
28200200	FILTER FABRIC	SO YD	383			313	70				
31100700	SUB-BASE GRANULAR MATERIAL, TYPE A 8"	SO YD	4,750	4,672			78				
31101000	SUB-BASE GRANULAR MATERIAL, TYPE B	TON	240				240				
35101400	AGGREGATE BASE COURSE, TYPE B	TON	697			43	654				
35800100	PREPARATION OF BASE	SO YD	2,867	235		506	1,157				969
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	112			69					43
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	53.8	4.15		26.65	6.3	1.5		0.8	14.4
40600300	AGGREGATE (PRIME COAT)	TON	283	22		140	33	8		4	76
40600895	CONSTRUCTING TEST STRIP	EACH	4	2		2					
40600980	BITUMINOUS SURFACE REMOVAL - BUTT JOINT	SO YD	4,175	71		2,169	794				1,141
40600990	TEMPORARY RAMP	SO YD	888	45		303	291				249
40800020	BITUMINOUS MATERIALS (PRIME COAT)	TON	9.4	0.4		1.6	5.3				2.1
40800030	AGGREGATE (PRIME COAT)	TON	21	1		6	9				5

*SPECIALTY ITEMS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
FAP 325 (IL 16) & FAP 604 (IL 159)
SECTION 14R; 115RS-2; 116RS-4; 101RS-2
MACOUPIN COUNTY
SCALE: VERT. DRAWN BY
 HORIZ. CHECKED BY
DATE

DGN-SPEC
DATE-TIME
REF#

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	4
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

* FAP 325 & FAP 604
** 14R; 115RS-2; 116RS-4; 10IRS-2

LOCATION OF WORK				ROADWAY IMPROVEMENT	LANDSCAPING IMPROVEMENT	ROADWAY IMPROVEMENT	ROADWAY IMPROVEMENT	BITUMINOUS ROADWAY	DRAINAGE IMPROVEMENT	PARKING LANES	ROADWAY IMPROVEMENT
				80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	100% CITY WARREN ST & IL 159 PARKING AREAS	100% CITY ALTON ST	50% STATE 50% CITY IL 159	80% FEDERAL 20% STATE IL 159
				IL 16 / IL 159	IL 16 / IL 159	IL 159	IL 159	PART C	PART C	PART C	PART D
				PART A	PART A	PART B	PART C	PART C	PART C	PART C	PART D
SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE							
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	1000	Y003	1000	1000	Y025	Y007	Y025	1000
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SO YD	201			60.5	140.5				
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SO FT	545				545				
44000030	BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH)	SO YD	128,847	10,110		69,226	11,193	147		167	38,004
44000100	PAVEMENT REMOVAL	SO YD	4,860	3,964			896				
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	2,436	40		17	2,084				295
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	179				179				
44000600	SIDEWALK REMOVAL	SO FT	623				623				
44200164	PAVEMENT PATCHING, TYPE I, 14"	SO YD	100	5		65	20				10
44200168	PAVEMENT PATCHING, TYPE II, 14"	SO YD	725			305	252				168
44200172	PAVEMENT PATCHING, TYPE III, 14"	SO YD	415			121	165				129
44200174	PAVEMENT PATCHING, TYPE IV, 14"	SO YD	1,825			125	1,425				275
44201741	CLASS D PATCHES, TYPE II, 8 INCH	SO YD	16						16		
44201815	CLASS D PATCHES, TYPE II, 14 INCH	SO YD	20			20					
48101200	AGGREGATE SHOULDERS, TYPE B	TON	3,847			2,267	227				1,353
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SO YD	2,547	1,803			744				
48202000	BITUMINOUS SHOULDERS SUPERPAVE	TON	483	59		141	25	120		138	
48202600	BITUMINOUS SHOULDERS SUPERPAVE 8"	SO YD	2,072	1,881			191				
50104400	CONCRETE HEADWALL REMOVAL	EACH	75	8		2	63				2
50105220	PIPE CULVERT REMOVAL	FOOT	2,264	63		76	1,966		126		33
50105225	PIPE CULVERT REMOVAL (SPECIAL)	FOOT	70				70				
50800105	REINFORCEMENT BARS	POUND	3,000				3,000				
51205200	TEMPORARY SHEET PILING	SO FT	876				876				
54003000	CONCRETE BOX CULVERTS	CU YD	31.6				31.6				
54010603	PRECAST CONCRETE BOX CULVERT 6' X 3'	FOOT	36				36				
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	2				2				
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	4				4				
54213693	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 48"	EACH	2			2					
54214545	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 60"	EACH	2				2				
54247170	GRATING FOR CONCRETE FLARED END SECTION 36"	EACH	4				4				
54247190	GRATING FOR CONCRETE FLARED END SECTION 48"	EACH	4			4					

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
FAP 325 (IL 16) & FAP 604 (IL 159)
SECTION 14R; 115RS-2; 116RS-4; 10IRS-2
MACOUPIN COUNTY
SCALE: VERT. DRAWN BY
 HORIZ. CHECKED BY
DATE

DDN-SPEC
DATE-TIME
REF01

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	5
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* FAP 325 & FAP 604
** 14R; 115RS-2; 116RS-4; 101RS-2

LOCATION OF WORK				ROADWAY IMPROVEMENT	LANDSCAPING IMPROVEMENT	ROADWAY IMPROVEMENT	ROADWAY IMPROVEMENT	BITUMINOUS ROADWAY	DRAINAGE IMPROVEMENT	PARKING LANES	ROADWAY IMPROVEMENT
				80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	100% CITY WARREN ST & IL 159 PARKING AREAS	100% CITY ALTON ST	50% STATE 50% CITY IL 159	80% FEDERAL 20% STATE IL 159
				PART A	PART A	PART B	PART C	PART C	PART C	PART C	PART D
SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE							
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	I000	Y003	I000	I000	Y025	Y007	Y025	I000
54248200	GRATING FOR CONCRETE FLARED END SECTION EQUIVALENT ROUND-SIZE 60"	EACH	2				2				
542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	159				159				
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	325	84			183				58
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	231				231				
542A0241	PIPE CULVERTS, CLASS A, TYPE 1 36"	FOOT	90				90				
542A0253	PIPE CULVERTS, CLASS A, TYPE 1 48"	FOOT	46			46					
542A5515	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 60"	FOOT	50				50				
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	645			67	578				
542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	767	103			664				
542D0229	PIPE CULVERTS, CLASS D, TYPE 1 24"	FOOT	889			42	667		180		
542D0235	PIPE CULVERTS, CLASS D, TYPE 1 30"	FOOT	90						90		
542D5485	PIPE CULVERTS, CLASS D, TYPE 1 EQUIVALENT ROUND-SIZE 30"	FOOT	40						40		
60236200	INLETS, TYPE A, TYPE B GRATE	EACH	3				3				
60255500	MANHOLES TO BE ADJUSTED	EACH	1				1				
60500060	REMOVING INLETS	EACH	1				1				
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	99				99				
66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	18	10		8					
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	16	4		4	4				4
67100100	MOBILIZATION	L SUM	1	0.2		0.3	0.3				0.2
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	0.2		0.3	0.3				0.2
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.2		0.3	0.3				0.2
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	0.5			0.5				
70101205	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321 (SPECIAL)	EACH	1				1				
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1			0.1	0.8				0.1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1				1				
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	15	10			5				
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1				1				
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	12,983	924		7,043	926				4,090
70300230	TEMPORARY PAVEMENT MARKING - LINE 5"	FOOT	14,909	14,909							
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	595	595							

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
FAP 325 (IL 16) & FAP 604 (IL 159)
SECTION 14R; 115RS-2; 116RS-4; 101RS-2
MACOUPIN COUNTY
SCALE: VERT. DATE
HORIZ. DRAWN BY
CHECKED BY

DGN-SPEC
DATE-TIME
*REF01

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES

CONTRACT NO. 72232			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
*	**	MACOUPIN	231
STA.		TO STA.	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	
* FAP 325 & FAP 604 ** 14R; 115RS-2; 116RS-4; 101RS-2			

LOCATION OF WORK				ROADWAY IMPROVEMENT	LANDSCAPING IMPROVEMENT	ROADWAY IMPROVEMENT	ROADWAY IMPROVEMENT	BITUMINOUS ROADWAY	DRAINAGE IMPROVEMENT	PARKING LANES	ROADWAY IMPROVEMENT
				80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	100% CITY WARREN ST & IL 159 PARKING AREAS	100% CITY ALTON ST	50% STATE 50% CITY IL 159	80% FEDERAL 20% STATE IL 159
				IL 16 / IL 159	IL 16 / IL 159	IL 159	IL 159	WARREN ST & IL 159 PARKING AREAS	ALTON ST	IL 159	IL 159
				PART A	PART A	PART B	PART C	PART C	PART C	PART C	PART D
SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE							
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	1000	Y003	1000	1000	Y025	Y007	Y025	1000
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	278	278							
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	358	358							
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	94	94							
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	1309	103		755	37				414
70400100	TEMPORARY CONCRETE BARRIER	FOOT	187.5				187.5				
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	175				175				
* 72000100	SIGN PANEL - TYPE 1	SO FT	190.5	190.5							
* 72000200	SIGN PANEL - TYPE 2	SO FT	85.4	85.4							
* 72000300	SIGN PANEL - TYPE 3	SO FT	28.7	28.7							
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	450	450							
* 78000300	THERMOPLASTIC PAVEMENT MARKING - LINE 5"	FOOT	29,872	9,324		2,450	12,829				5,269
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1,280				1,280				
* 78001120	PAINT PAVEMENT MARKING - LINE 5"	FOOT	82,153	2,859		52,425					26,869
78003100	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS AND SYMBOLS	SO FT	109.20	109.20							
78003120	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 5"	FOOT	1,505			306	737				462
78003130	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"	FOOT	1,503	595			908				
78003150	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 12"	FOOT	272	228			44				
78003180	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24"	FOOT	140	37			103				
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	614	72		301	60				181
78300100	PAVEMENT MARKING REMOVAL	SO FT	785	785							
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	614	72		301	60				181
* A2001716	TREE, ACER SACCHARUM (SUGAR MAPLE), 2" CALIPER, BALLED AND BURLAPPED	EACH	13		13						
* A2003816	TREE, FRAXINUS PENNSYLVANICA (GREEN ASH) 2" CALIPER, BALLED AND BURLAPPED	EACH	12		12						
* A2007116	TREE, QUERCUS RUBRA (RED OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	6		6						
X0323665	RIPRAP SLURRY	SO YD	216			216					
X0324118	GRANULAR CULVERT BACKFILL	CU YD	120				120				
X0545000	BOX CULVERT REMOVAL	FOOT	71	71							
X3550500	BITUMINOUS BASE COURSE SUPERPAVE 8"	SO YD	976				976				
X3550600	BITUMINOUS BASE COURSE SUPERPAVE 9"	SO YD	3,387	3,387							
X3550800	BITUMINOUS BASE COURSE SUPERPAVE 11"	SO YD	547	440			107				

*SPECIALTY ITEMS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
FAP 325 (IL 16) & FAP 604 (IL 159)
SECTION 14R; 115RS-2; 116RS-4; 101RS-2
MACOUPIN COUNTY
SCALE: VERT. _____
HORIZ. _____
DATE _____ DRAWN BY _____
CHECKED BY _____

DDN-SPEC
DATE-TIME
*REF 01

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	7
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* FAP 325 & FAP 604
** 14R; 115RS-2; 116RS-4; 101RS-2

LOCATION OF WORK				ROADWAY IMPROVEMENT	LANDSCAPING IMPROVEMENT	ROADWAY IMPROVEMENT	ROADWAY IMPROVEMENT	BITUMINOUS ROADWAY	DRAINAGE IMPROVEMENT	PARKING LANES	ROADWAY IMPROVEMENT
				80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	100% CITY WARREN ST & IL 159 PARKING AREAS	100% CITY ALTON ST	50% STATE 50% CITY IL 159	80% FEDERAL 20% STATE IL 159
				IL 16 / IL 159	IL 16 / IL 159	IL 159	IL 159	PART C	PART C	PART C	PART D
				PART A	PART A	PART B	PART C	PART C	PART C	PART C	PART D
SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE							
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	I000	Y003	I000	I000	Y025	Y007	Y025	I000
X3560130	BITUMINOUS CONCRETE BASE COURSE WIDENING, SUPERPAVE 9 INCH	SO YD	452	374			78				
X3560150	BITUMINOUS CONCRETE BASE COURSE WIDENING, SUPERPAVE 11 INCH	SO YD	782	69			713				
X4066424	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N50	TON	11,832	1,222		5,796	1,293	249		80	3,192
X4066614	BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N50	TON	929	929							
X4066765	LEVELING BINDER (MACHINE METHOD), SUPERPAVE N50	TON	5,916	611		2,898	646.5	124.5		40	1,596
X4080020	INCIDENTAL BITUMINOUS SURFACING, SUPERPAVE, N50	TON	2,373	100		445	1,319				509
X4409410	BITUMINOUS SURFACE REMOVAL 2 1/4"	SO YD	10,931			891	4,396	3,773		1,871	
Z0000990	AGGREGATE FOR TEMPORARY ACCESS	TON	1,562	94		150	978				340
Z0013825	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	23.7	4.1			19.6				
Z0030240	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 2	EACH	2				2				
Z0030255	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	1				1				
Z0030340	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 2	EACH	1				1				
Z0062450	SAWING PAVEMENT (FULL DEPTH)	FOOT	779	779							
X0325365	RESTRICTED DEPTH INLET TYPE B, TYPE 8 GRATE	EACH	3				3				

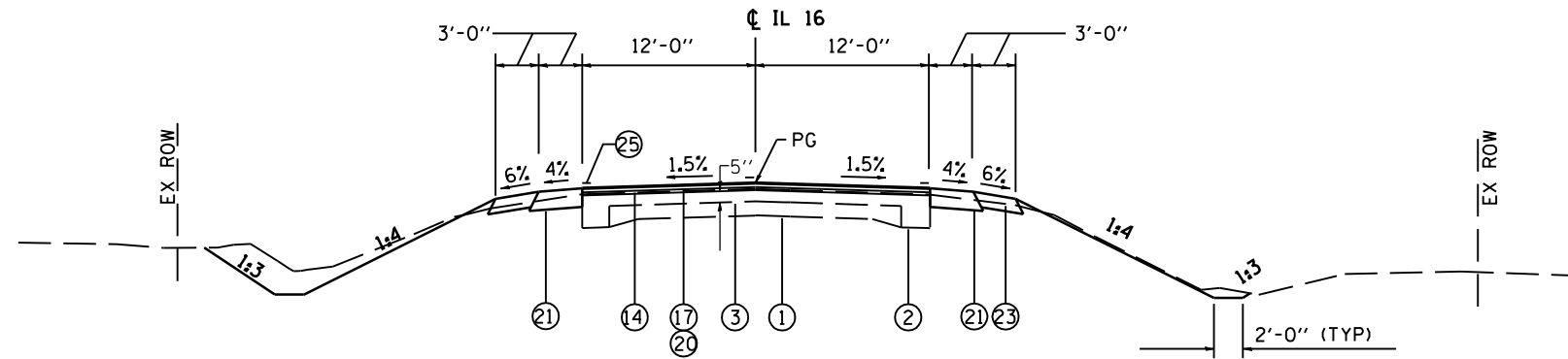
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REVISIONS	
NAME	DATE

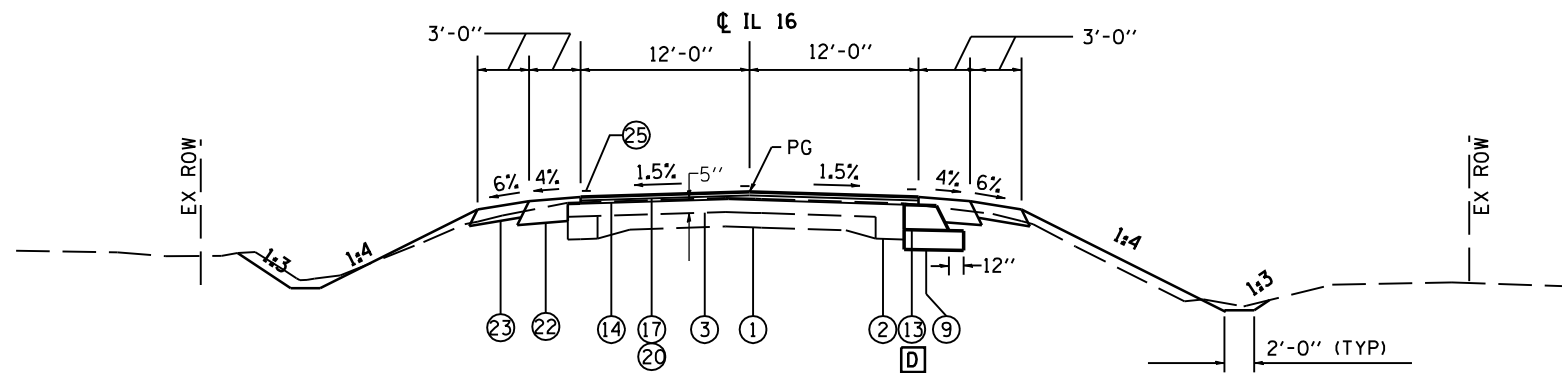
ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
FAP 325 (IL 16) & FAP 604 (IL 159)
SECTION 14R; 115RS-2; 116RS-4; 101RS-2
MACOUPIN COUNTY
SCALE: VERT. _____
HORIZ. _____
DATE _____ DRAWN BY _____
CHECKED BY _____

DGN-SPEC
DATE-TIME
*REF01

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	8
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* FAP 325 & FAP 604				
** 14R; 115RS-2; 116RS-4; 10IRS-2				



LOCATION A - #1
IL RTE 16
STA 1127+21.20 TO STA 1128+51.13



LOCATION A - #2
IL RTE 16
STA 1128+51.13 TO STA 1129+96.62

- LEGEND**
- ① EX CONCRETE PAVEMENT 9-6-9
 - ② EX BITUMINOUS WIDENING 9"
 - ③ EX BITUMINOUS OVERLAY
 - ④ EX BITUMINOUS SHOULDERS
 - ⑤ EX AGGREGATE BASE
 - ⑥ EX AGGREGATE SHOULDERS
 - ⑦ EX SMOOTH BAR
 - ⑧ PR PAVEMENT REMOVAL
 - ⑨ PR SUB-BASE GRANULAR MATERIAL, TY A 8"
 - ⑩ PR SUB-BASE GRANULAR MATERIAL, TY B VAR DEPTH
 - ⑪ PR BITUMINOUS BASE COURSE SUPERPAVE 8"
 - ⑫ PR BITUMINOUS BASE COURSE SUPERPAVE 11"
OR BIT CONC BASE COURSE WIDENING SP 11"
 - ⑬ PR BITUMINOUS BASE COURSE SUPERPAVE 9"
OR BIT CONC BASE COURSE WIDENING SP 9"
 - ⑭ PR BITUMINOUS SURFACE REMOVAL (VAR DEPTH)
 - ⑮ PR BITUMINOUS SURFACE REMOVAL 2 1/4"
 - ⑯ PR LEVELING BINDER (MM), SP N50 3/4"
 - ⑰ PR LEVELING BINDER (MM), SP N50 1"
 - ⑱ PR BIT CONC BIND CSE, SP, IL-19.0, N50 VAR DEPTH
 - ⑲ PR BIT CONC SURF CSE, SP, MIX "D", N50 1 1/2"
 - ⑳ PR BIT CONC SURF CSE, SP, MIX "D", N50 2"
 - ㉑ PR BITUMINOUS SHOULDERS SUPERPAVE 8"
 - ㉒ PR BITUMINOUS SHOULDERS SUPERPAVE
 - ㉓ PR AGGREGATE SHOULDERS, TYPE B 6"
 - ㉔ PR AGGREGATE SHOULDERS, TYPE B (WEDGE)
 - ㉕ PR PAVEMENT MARKING
 - ㉖ PR SODDING

D PERMANENT WIDENING WIDTH

STATION	WIDTH (FT)
RT 1128+51.13	1.00
RT 1129+96.62	1.00

STATIONS AND OFFSETS REFER TO PROP CL IL 16

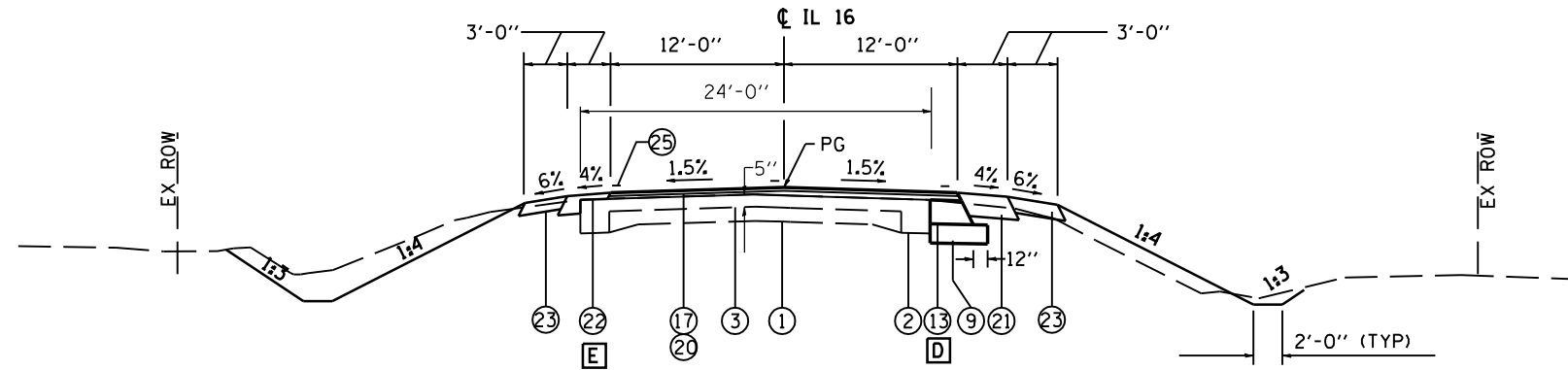
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REVISIONS	
NAME	DATE

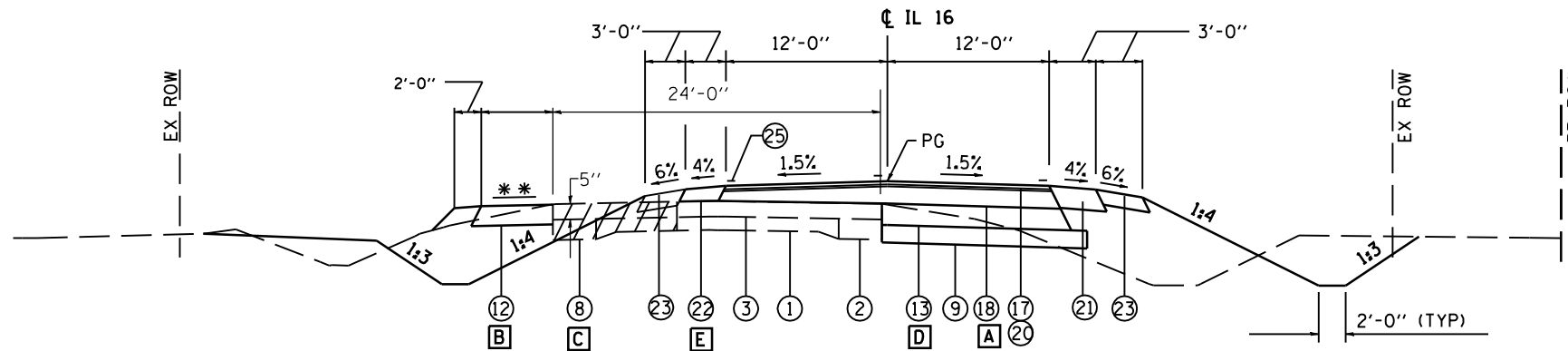
ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
FAP 325 (IL 16) & FAP 604 (IL 159)
SECTION 14R, 115RS-2, 116RS-4, 10IRS-2
MACOUPIN COUNTY
SCALE: VERT. _____
HORIZ. _____
DATE _____ DRAWN BY _____
CHECKED BY _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	9
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* FAP 325 & FAP 604



LOCATION A - #3
IL RTE 16
STA 1129+96.62 TO STA 1130+91.23



** MATCH EXISTING PAVEMENT SLOPE

LOCATION A - #4
IL RTE 16
STA 1130+91.23 TO STA 1135+50.50

LEGEND

- ① EX CONCRETE PAVEMENT 9-6-9
- ② EX BITUMINOUS WIDENING 9"
- ③ EX BITUMINOUS OVERLAY
- ④ EX BITUMINOUS SHOULDERS
- ⑤ EX AGGREGATE BASE
- ⑥ EX AGGREGATE SHOULDERS
- ⑦ EX SMOOTH BAR
- ⑧ PR PAVEMENT REMOVAL
- ⑨ PR SUB-BASE GRANULAR MATERIAL, TY A 8"
- ⑩ PR SUB-BASE GRANULAR MATERIAL, TY B VAR DEPTH
- ⑪ PR BITUMINOUS BASE COURSE SUPERPAVE 8"
- ⑫ PR BITUMINOUS BASE COURSE SUPERPAVE 11"
OR BIT CONC BASE COURSE WIDENING SP 11"
- ⑬ PR BITUMINOUS BASE COURSE SUPERPAVE 9"
OR BIT CONC BASE COURSE WIDENING SP 9"
- ⑭ PR BITUMINOUS SURFACE REMOVAL (VAR DEPTH)
- ⑮ PR BITUMINOUS SURFACE REMOVAL 2 1/4"
- ⑯ PR LEVELING BINDER (MM), SP N50 3/4"
- ⑰ PR LEVELING BINDER (MM), SP N50 1"
- ⑱ PR BIT CONC BIND CSE, SP, IL-19.0, N50 VAR DEPTH
- ⑲ PR BIT CONC SURF CSE, SP, MIX "D", N50 1 1/2"
- ⑳ PR BIT CONC SURF CSE, SP, MIX "D", N50 2"
- ㉑ PR BITUMINOUS SHOULDERS SUPERPAVE 8"
- ㉒ PR BITUMINOUS SHOULDERS SUPERPAVE
- ㉓ PR AGGREGATE SHOULDERS, TYPE B 6"
- ㉔ PR AGGREGATE SHOULDERS, TYPE B (WEDGE)
- ㉕ PR PAVEMENT MARKING
- ㉖ PR SODDING

[A] BINDER COURSE THICKNESS			
STATION	LT EOP	RT EOP	
1131+00	0.00	0.08	0.10
1131+50	0.00	0.15	0.16
1132+00	0.00	0.14	0.15
1132+50	0.00	0.20	0.21
1133+00	0.00	0.28	0.28
1133+50	0.00	0.26	0.27
1134+00	0.00	0.25	0.24
1134+50	0.00	0.29	0.26
1135+00	0.15	0.45	0.45
1135+50	0.31	0.86	0.87

[B] TEMPORARY WIDENING WIDTH	
STATION	WIDTH (FT)
LT STA 1133+10	1.00'
LT STA 1133+50	1.00'
LT STA 1133+74	1.00'
LT STA 1134+00	2.12'
LT STA 1134+50	5.33'
LT STA 1135+00	9.20'
LT STA 1135+50	11.66'

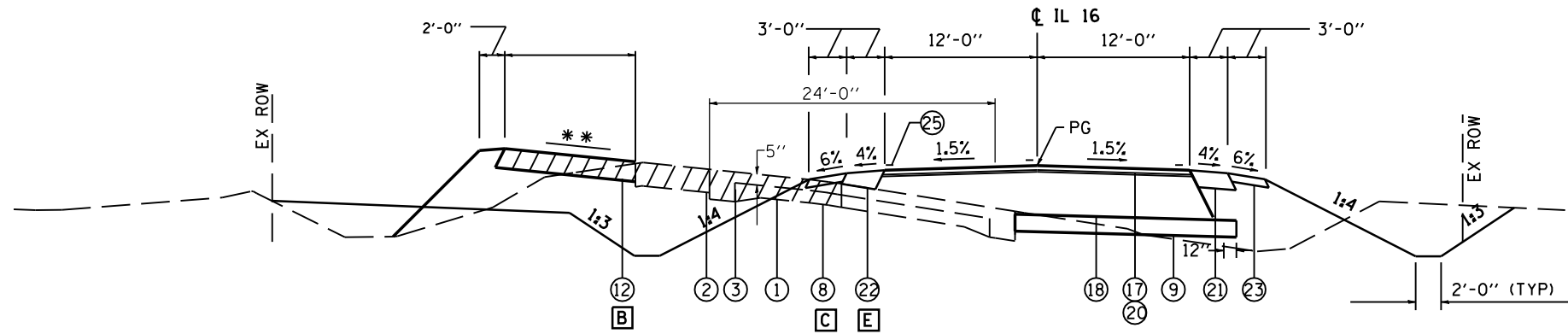
[C] PAVEMENT REMOVAL	
LOCATION	AREA
1130+91.37 TO 1136+05.42	392.02
1133+10.42 TO 1137+78.70	316.61

[D] PERMANENT WIDENING WIDTH	
STATION	WIDTH (FT)
RT STA 1129.96.62	1.00'
RT STA 1130+00	1.25'
RT STA 1130+50	2.16'
RT STA 1131+00	3.31'
RT STA 1131+50	4.67'
RT STA 1132+00	6.00'
RT STA 1132+50	7.43'
RT STA 1133+00	8.87'
RT STA 1133+50	10.22'
RT STA 1134+00	11.56'
RT STA 1134+50	12.08'
RT STA 1135+00	14.37'
RT STA 1135+50	16.03'

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		TYPICAL SECTIONS FAP 325 (IL 16) & FAP 604 (IL 159) SECTION 14R, 115RS-2, 116RS-4, 101RS-2 MACOUPIN COUNTY SCALE: VERT. _____ DRAWN BY _____ HORIZ. _____ CHECKED BY _____ DATE _____

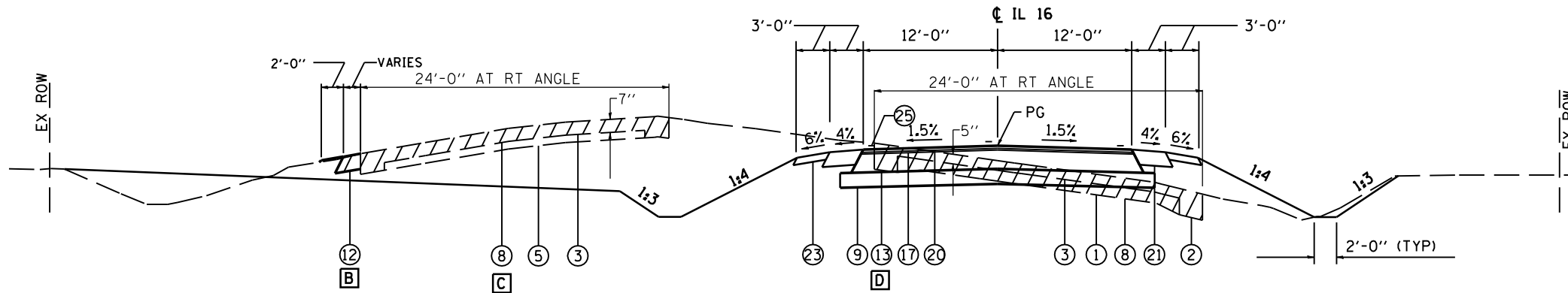
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	10
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* FAP 325 & FAP 604				
** 14R; 115RS-2; 116RS-4; 10IRS-2				



** MATCH EXISTING PAVEMENT SLOPE

LOCATION A - #5
IL RTE 16
STA 1135+50.50 TO STA 1137+00.00



LOCATION A - #6
IL RTE 16
STA 1137+00.00 TO STA 1138+17.97

[B] TEMPORARY WIDENING WIDTH	
STATION	WIDTH (FT)
LT STA 1135+50	11.66'
LT STA 1136+00	13.24'
LT STA 1136+50	10.82'
LT STA 1137+00	3.88'
LT STA 1137+50	1.00'
LT STA 1137+69	1.00'

[C] PAVEMENT REMOVAL	
LOCATION	AREA
1137+00.00 TO 1143+13.70	1501.21

LEGEND

- ① EX CONCRETE PAVEMENT 9-6-9
- ② EX BITUMINOUS WIDENING 9"
- ③ EX BITUMINOUS OVERLAY
- ④ EX BITUMINOUS SHOULDERS
- ⑤ EX AGGREGATE BASE
- ⑥ EX AGGREGATE SHOULDERS
- ⑦ EX SMOOTH BAR
- ⑧ PR PAVEMENT REMOVAL
- ⑨ PR SUB-BASE GRANULAR MATERIAL, TY A 8"
- ⑩ PR SUB-BASE GRANULAR MATERIAL, TY B VAR DEPTH
- ⑪ PR BITUMINOUS BASE COURSE SUPERPAVE 8"
- ⑫ PR BITUMINOUS BASE COURSE SUPERPAVE 11"
OR BIT CONC BASE COURSE WIDENING SP 11"
- ⑬ PR BITUMINOUS BASE COURSE SUPERPAVE 9"
OR BIT CONC BASE COURSE WIDENING SP 9"
- ⑭ PR BITUMINOUS SURFACE REMOVAL (VAR DEPTH)
- ⑮ PR BITUMINOUS SURFACE REMOVAL 2 1/4"
- ⑯ PR LEVELING BINDER (MM), SP N50 3/4"
- ⑰ PR LEVELING BINDER (MM), SP N50 1"
- ⑱ PR BIT CONC BIND CSE, SP, IL-19.0, N50 VAR DEPTH
- ⑲ PR BIT CONC SURF CSE, SP, MIX "D", N50 1 1/2"
- ⑳ PR BIT CONC SURF CSE, SP, MIX "D", N50 2"
- ㉑ PR BITUMINOUS SHOULDERS SUPERPAVE 8"
- ㉒ PR BITUMINOUS SHOULDERS SUPERPAVE
- ㉓ PR AGGREGATE SHOULDERS, TYPE B 6"
- ㉔ PR AGGREGATE SHOULDERS, TYPE B (WEDGE)
- ㉕ PR PAVEMENT MARKING
- ㉖ PR SODDING

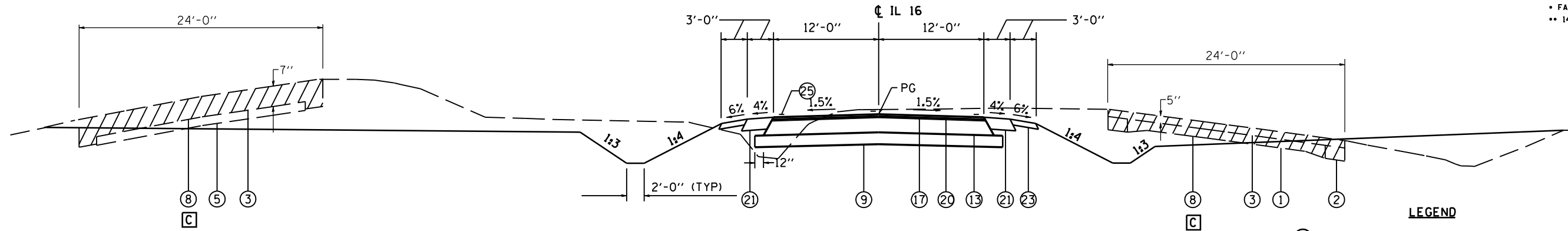
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
FAP 604 (IL 159)
SECTION 14R, 115RS-2, 116RS-4, 10IRS-2
MACOUPIN COUNTY

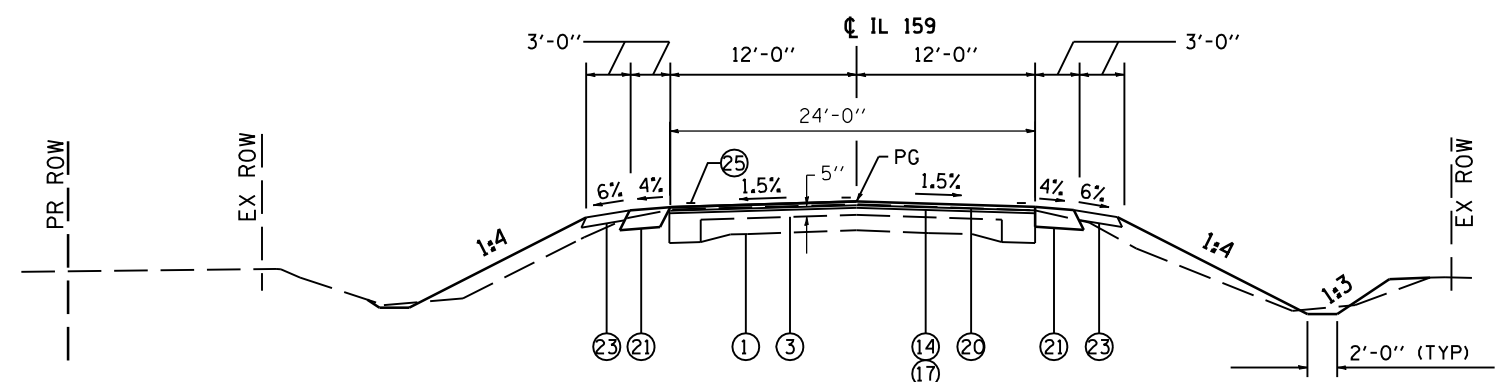
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HORIZ. _____

DRAWN BY _____
CHECKED BY _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	11
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* FAP 325 & FAP 604				
** 14R; 115RS-2; 116RS-4; 10IRS-2				



LOCATION A - #7
 IL RTE 16
 STA 1138+17.97 TO STA 1140+96.61



LOCATION A - #8
 IL RTE 159
 STA 101+26.77 TO STA 101+51.77

C PAVEMENT REMOVAL

LOCATION	AREA
1137+00.00 TO 1143+13.70	1501.21

- LEGEND**
- ① EX CONCRETE PAVEMENT 9-6-9
 - ② EX BITUMINOUS WIDENING 9"
 - ③ EX BITUMINOUS OVERLAY
 - ④ EX BITUMINOUS SHOULDERS
 - ⑤ EX AGGREGATE BASE
 - ⑥ EX AGGREGATE SHOULDERS
 - ⑦ EX SMOOTH BAR
 - ⑧ PR PAVEMENT REMOVAL
 - ⑨ PR SUB-BASE GRANULAR MATERIAL, TY A 8"
 - ⑩ PR SUB-BASE GRANULAR MATERIAL, TY B VAR DEPTH
 - ⑪ PR BITUMINOUS BASE COURSE SUPERPAVE 8"
 - ⑫ PR BITUMINOUS BASE COURSE SUPERPAVE 11"
OR BIT CONC BASE COURSE WIDENING SP 11"
 - ⑬ PR BITUMINOUS BASE COURSE SUPERPAVE 9"
OR BIT CONC BASE COURSE WIDENING SP 9"
 - ⑭ PR BITUMINOUS SURFACE REMOVAL (VAR DEPTH)
 - ⑮ PR BITUMINOUS SURFACE REMOVAL 2 1/4"
 - ⑯ PR LEVELING BINDER (MM), SP N50 3/4"
 - ⑰ PR LEVELING BINDER (MM), SP N50 1"
 - ⑱ PR BIT CONC BIND CSE, SP, IL-19.0, N50 VAR DEPTH
 - ⑲ PR BIT CONC SURF CSE, SP, MIX "D", N50 1 1/2"
 - ⑳ PR BIT CONC SURF CSE, SP, MIX "D", N50 2"
 - ㉑ PR BITUMINOUS SHOULDERS SUPERPAVE 8"
 - ㉒ PR BITUMINOUS SHOULDERS SUPERPAVE
 - ㉓ PR AGGREGATE SHOULDERS, TYPE B 6"
 - ㉔ PR AGGREGATE SHOULDERS, TYPE B (WEDGE)
 - ㉕ PR PAVEMENT MARKING
 - ㉖ PR SODDING

REVISIONS	
NAME	DATE

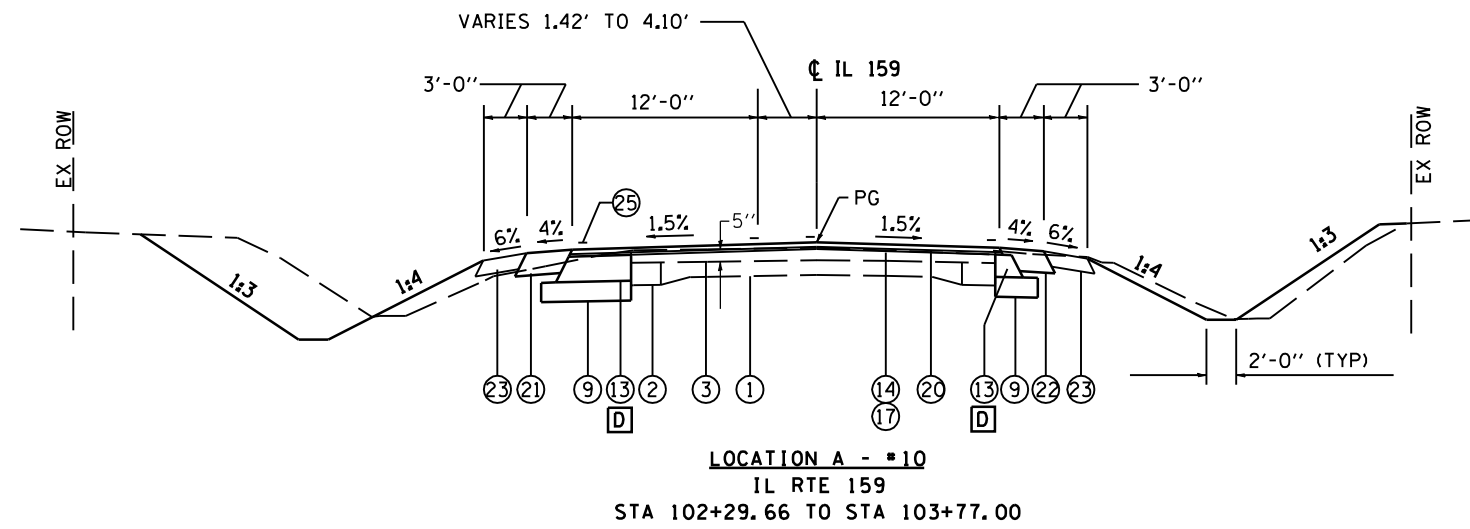
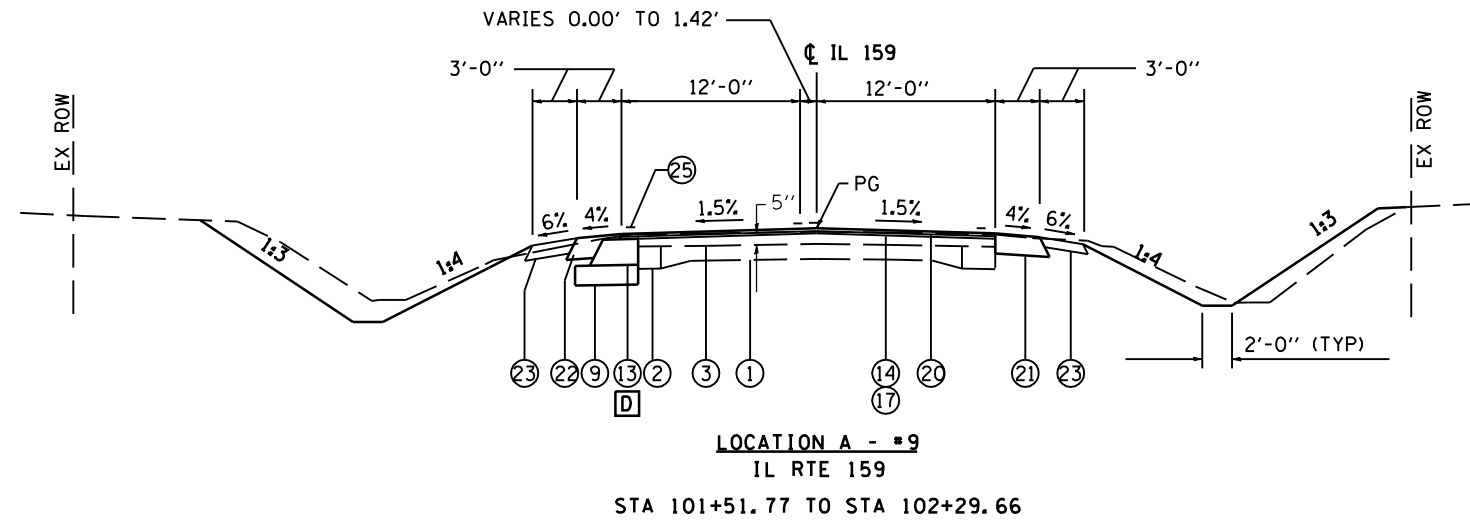
ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
 FAP 325 (IL 16) & FAP 604 (IL 159)
 SECTION 14R, 115RS-2, 116RS-4, 10IRS-2
 MACOUPIN COUNTY

SCALE: VERT. _____
 HORIZ. _____

DATE _____ DRAWN BY _____
 CHECKED BY _____

PLOT DATE : #DATES
 FILE NAME : #FILEL#
 PLOT SCALE : #SCALE#
 USER NAME : #USER#

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	12
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* FAP 325 & FAP 604				
** 14R; 115RS-2; 116RS-4; 10IRS-2				



D PERMANENT WIDENING WIDTH

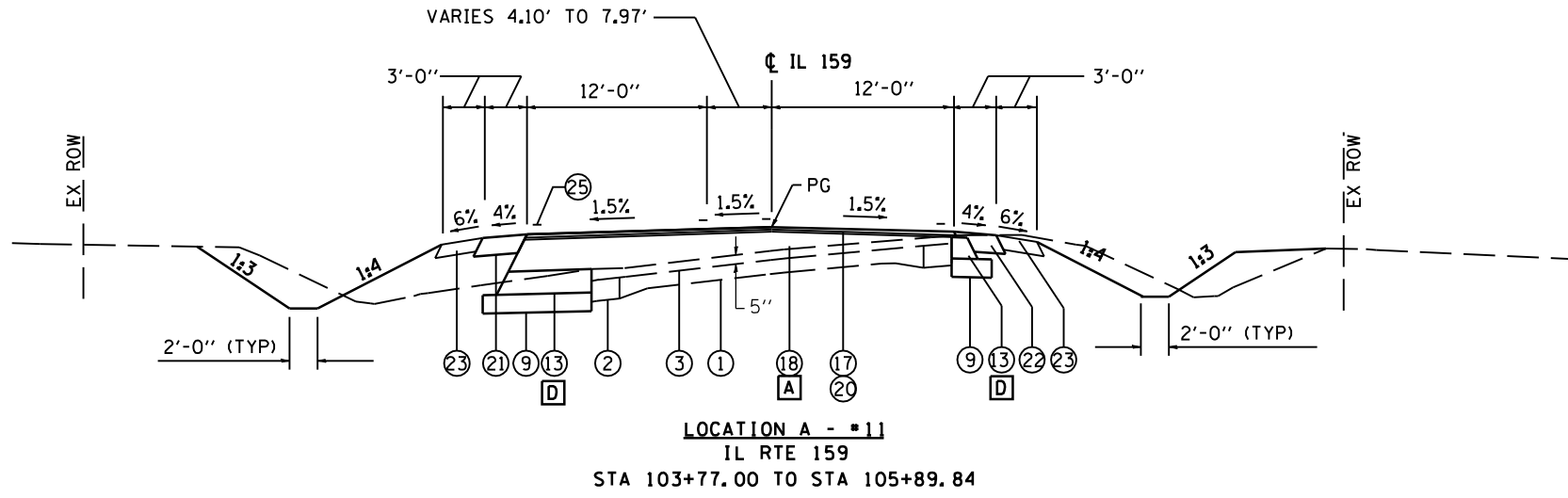
STATION	WIDTH (FT)
LT STA 102+00	1.00'
LT STA 102+50	1.64'
LT STA 103+00	2.31'
LT STA 103+50	3.23'
RT STA 103+00	1.00'
RT STA 103+50	1.00'
RT STA 103+77	1.00'

- LEGEND**
- ① EX CONCRETE PAVEMENT 9-6-9
 - ② EX BITUMINOUS WIDENING 9"
 - ③ EX BITUMINOUS OVERLAY
 - ④ EX BITUMINOUS SHOULDERS
 - ⑤ EX AGGREGATE BASE
 - ⑥ EX AGGREGATE SHOULDERS
 - ⑦ EX SMOOTH BAR
 - ⑧ PR PAVEMENT REMOVAL
 - ⑨ PR SUB-BASE GRANULAR MATERIAL, TY A 8"
 - ⑩ PR SUB-BASE GRANULAR MATERIAL, TY B VAR DEPTH
 - ⑪ PR BITUMINOUS BASE COURSE SUPERPAVE 8"
 - ⑫ PR BITUMINOUS BASE COURSE SUPERPAVE 11"
OR BIT CONC BASE COURSE WIDENING SP 11"
 - ⑬ PR BITUMINOUS BASE COURSE SUPERPAVE 9"
OR BIT CONC BASE COURSE WIDENING SP 9"
 - ⑭ PR BITUMINOUS SURFACE REMOVAL (VAR DEPTH)
 - ⑮ PR BITUMINOUS SURFACE REMOVAL 2 1/4"
 - ⑯ PR LEVELING BINDER (MM), SP N50 3/4"
 - ⑰ PR LEVELING BINDER (MM), SP N50 1"
 - ⑱ PR BIT CONC BIND CSE, SP, IL-19.0, N50 VAR DEPTH
 - ⑲ PR BIT CONC SURF CSE, SP, MIX "D", N50 1 1/2"
 - ⑳ PR BIT CONC SURF CSE, SP, MIX "D", N50 2"
 - ㉑ PR BITUMINOUS SHOULDERS SUPERPAVE 8"
 - ㉒ PR BITUMINOUS SHOULDERS SUPERPAVE
 - ㉓ PR AGGREGATE SHOULDERS, TYPE B 6"
 - ㉔ PR AGGREGATE SHOULDERS, TYPE B (WEDGE)
 - ㉕ PR PAVEMENT MARKING
 - ㉖ PR SODDING

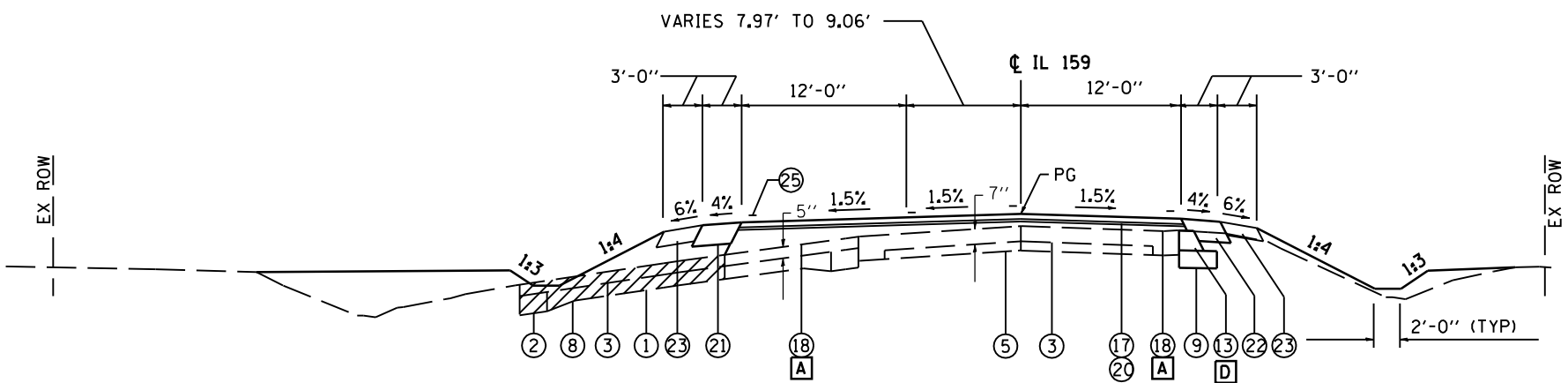
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		TYPICAL SECTIONS FAP 325 (IL 16) & FAP 604 (IL 159) SECTION 14R, 115RS-2, 116RS-4, 10IRS-2 MACOUPIN COUNTY SCALE: VERT. _____ HORIZ. _____ DATE _____ DRAWN BY _____ CHECKED BY _____

PLOT DATE : #DATES
 FILE NAME : #FILEL#
 PLOT SCALE : #SCALE#
 USER NAME : #USER#

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	13
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* FAP 325 & FAP 604				
** 14R; 115RS-2; 116RS-4; 101RS-2				



LOCATION A - #11
IL RTE 159
STA 103+77.00 TO STA 105+89.84



LOCATION A - #12
IL RTE 159
STA 105+89.84 TO STA 106+50.11

- LEGEND**
- ① EX CONCRETE PAVEMENT 9-6-9
 - ② EX BITUMINOUS WIDENING 9"
 - ③ EX BITUMINOUS OVERLAY
 - ④ EX BITUMINOUS SHOULDERS
 - ⑤ EX AGGREGATE BASE
 - ⑥ EX AGGREGATE SHOULDERS
 - ⑦ EX SMOOTH BAR
 - ⑧ PR PAVEMENT REMOVAL
 - ⑨ PR SUB-BASE GRANULAR MATERIAL, TY A 8"
 - ⑩ PR SUB-BASE GRANULAR MATERIAL, TY B VAR DEPTH
 - ⑪ PR BITUMINOUS BASE COURSE SUPERPAVE 8"
 - ⑫ PR BITUMINOUS BASE COURSE SUPERPAVE 11"
OR BIT CONC BASE COURSE WIDENING SP 11"
 - ⑬ PR BITUMINOUS BASE COURSE SUPERPAVE 9"
OR BIT CONC BASE COURSE WIDENING SP 9"
 - ⑭ PR BITUMINOUS SURFACE REMOVAL (VAR DEPTH)
 - ⑮ PR BITUMINOUS SURFACE REMOVAL 2 1/4"
 - ⑯ PR LEVELING BINDER (MM), SP N50 3/4"
 - ⑰ PR LEVELING BINDER (MM), SP N50 1"
 - ⑱ PR BIT CONC BIND CSE, SP, IL-19.0, N50 VAR DEPTH
 - ⑲ PR BIT CONC SURF CSE, SP, MIX "D", N50 1 1/2"
 - ⑳ PR BIT CONC SURF CSE, SP, MIX "D", N50 2"
 - ㉑ PR BITUMINOUS SHOULDERS SUPERPAVE 8"
 - ㉒ PR BITUMINOUS SHOULDERS SUPERPAVE
 - ㉓ PR AGGREGATE SHOULDERS, TYPE B 6"
 - ㉔ PR AGGREGATE SHOULDERS, TYPE B (WEDGE)
 - ㉕ PR PAVEMENT MARKING
 - ㉖ PR SODDING

A BINDER COURSE THICKNESS

STATION	LT EOP	c _L	RT EOP
104+00	0.32	0.21	0.00
104+50	0.90	0.52	0.00
105+00	1.43	0.84	0.16
105+50	1.85	0.89	0.00
106+00	1.84	0.69	0.15
106+50	1.12	0.38	0.36

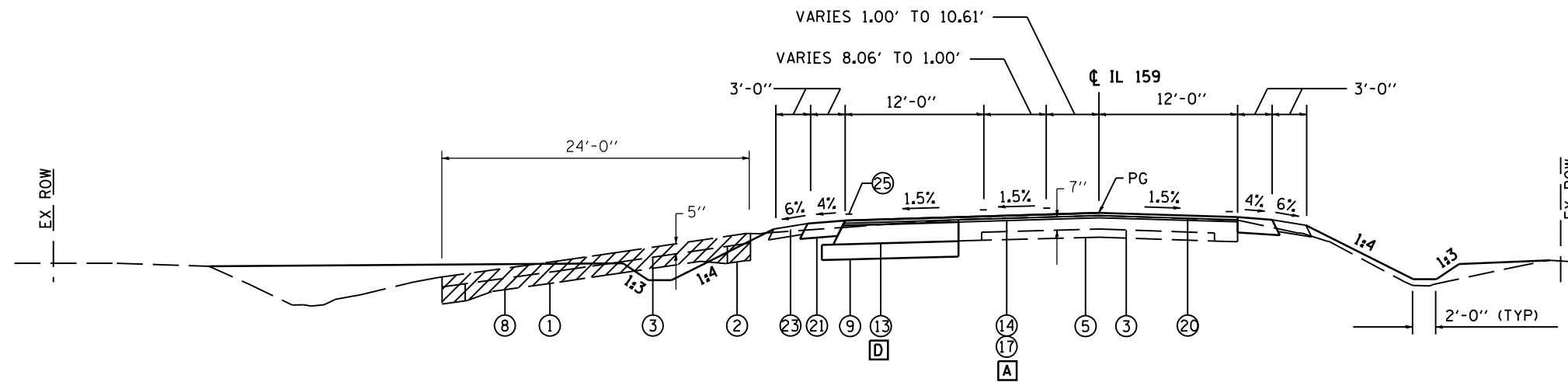
D PERMANENT WIDENING WIDTH

STATION	WIDTH (FT)
LT STA 104+00	4.17'
LT STA 104+50	5.41'
LT STA 105+00	6.23'
LT STA 105+50	3.95'
LT STA 105+67	1.00'
RT STA 103+77	1.00'
RT STA 104+00	1.52'
RT STA 104+50	1.00'
RT STA 105+00	1.16'
RT STA 105+50	1.00'
RT STA 106+00	1.14'
RT STA 106+50	1.00'

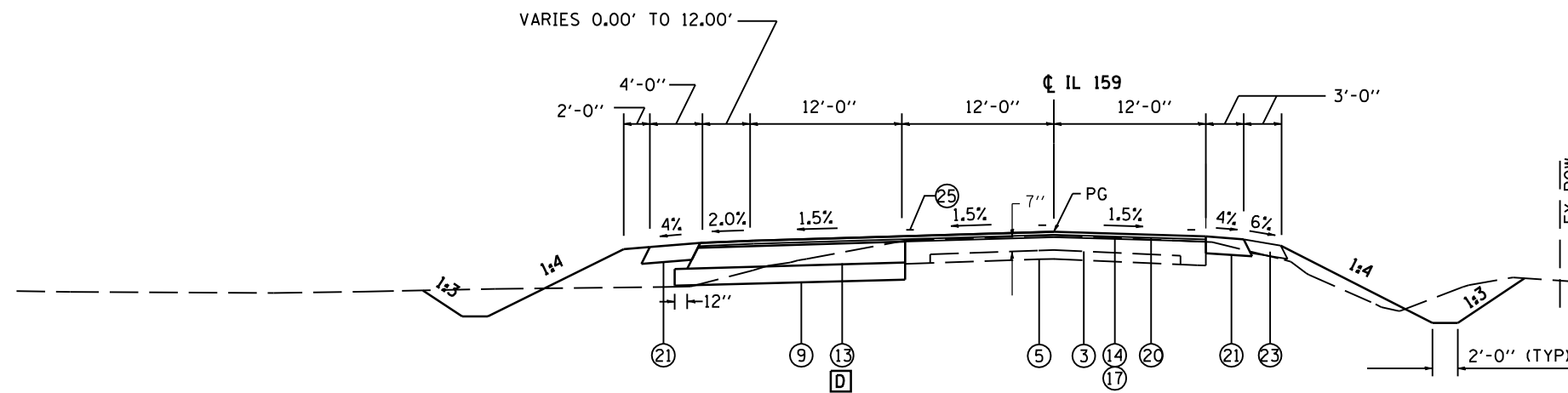
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		TYPICAL SECTIONS FAP 325 (IL 16) & FAP 604 (IL 159) SECTION 14R, 115RS-2, 116RS-4, 101RS-2 MACOUPIN COUNTY SCALE: VERT. _____ DRAWN BY _____ HORIZ. _____ CHECKED BY _____ DATE _____

PLOT DATE: #DATES
FILE NAME: #FILEL#
PLOT SCALE: #SCALE#
USER NAME: #USER#

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	14
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* FAP 325 & FAP 604				
** 14R; 115RS-2; 116RS-4; 10IRS-2				



LOCATION A - #13
IL RTE 159
STA 106+50.11 TO STA 107+90.46



LOCATION A - #14
IL RTE 159
STA 107+90.46 TO STA 112+86.01

- LEGEND**
- ① EX CONCRETE PAVEMENT 9-6-9
 - ② EX BITUMINOUS WIDENING 9"
 - ③ EX BITUMINOUS OVERLAY
 - ④ EX BITUMINOUS SHOULDERS
 - ⑤ EX AGGREGATE BASE
 - ⑥ EX AGGREGATE SHOULDERS
 - ⑦ EX SMOOTH BAR
 - ⑧ PR PAVEMENT REMOVAL
 - ⑨ PR SUB-BASE GRANULAR MATERIAL, TY A 8"
 - ⑩ PR SUB-BASE GRANULAR MATERIAL, TY B VAR DEPTH
 - ⑪ PR BITUMINOUS BASE COURSE SUPERPAVE 8"
 - ⑫ PR BITUMINOUS BASE COURSE SUPERPAVE 11"
OR BIT CONC BASE COURSE WIDENING SP 11"
 - ⑬ PR BITUMINOUS BASE COURSE SUPERPAVE 9"
OR BIT CONC BASE COURSE WIDENING SP 9"
 - ⑭ PR BITUMINOUS SURFACE REMOVAL (VAR DEPTH)
 - ⑮ PR BITUMINOUS SURFACE REMOVAL 2 1/4"
 - ⑯ PR LEVELING BINDER (MM), SP N50 3/4"
 - ⑰ PR LEVELING BINDER (MM), SP N50 1"
 - ⑱ PR BIT CONC BIND CSE, SP, IL-19.0, N50 VAR DEPTH
 - ⑲ PR BIT CONC SURF CSE, SP, MIX "D", N50 1 1/2"
 - ⑳ PR BIT CONC SURF CSE, SP, MIX "D", N50 2"
 - ㉑ PR BITUMINOUS SHOULDERS SUPERPAVE 8"
 - ㉒ PR BITUMINOUS SHOULDERS SUPERPAVE
 - ㉓ PR AGGREGATE SHOULDERS, TYPE B 6"
 - ㉔ PR AGGREGATE SHOULDERS, TYPE B (WEDGE)
 - ㉕ PR PAVEMENT MARKING
 - ㉖ PR SODDING

A BINDER COURSE THICKNESS

STATION	LT EOP	C	RT EOP
107+00.00	0.08	0.08	0.08

B TEMPORARY WIDENING WIDTH

STATION	WIDTH (FT)
111+95.83	0.00
112+25.00	36.12
112+50.00	20.58
112+75.00	8.58

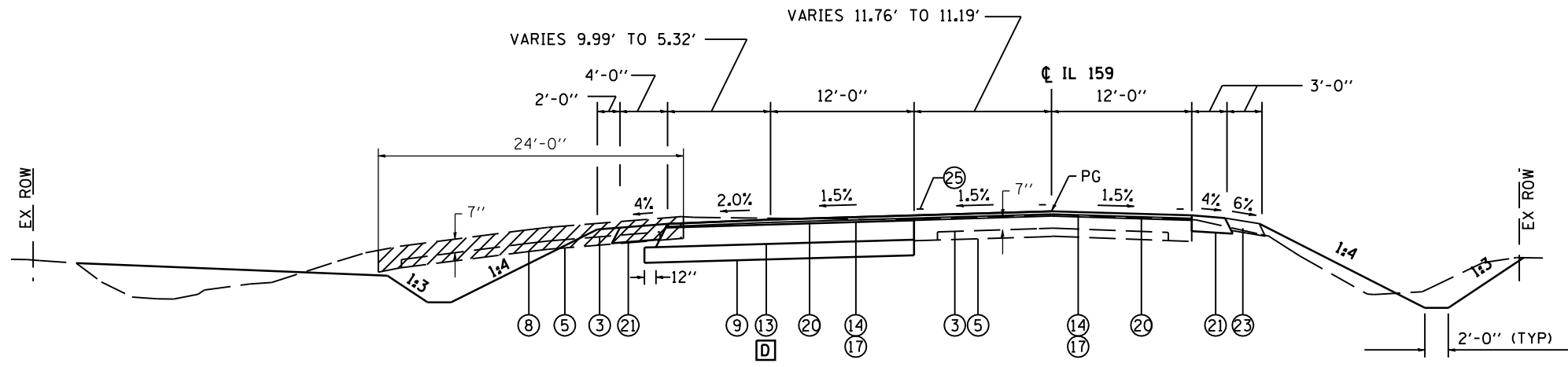
D PERMANENT WIDENING WIDTH

STATION	WIDTH (FT)
LT STA 106+50.11	9.04'
LT STA 107+00	10.08'
LT STA 107+50	11.14'
LT STA 108+00	12.26'
LT STA 108+50	16.45'
LT STA 109+00	24.55'
LT STA 109+50	24.58'
LT STA 111+00	24.60'
LT STA 111+50	24.57'
LT STA 112+00	24.60'
LT STA 112+50	24.64'
LT STA 112+86.01	21.60'

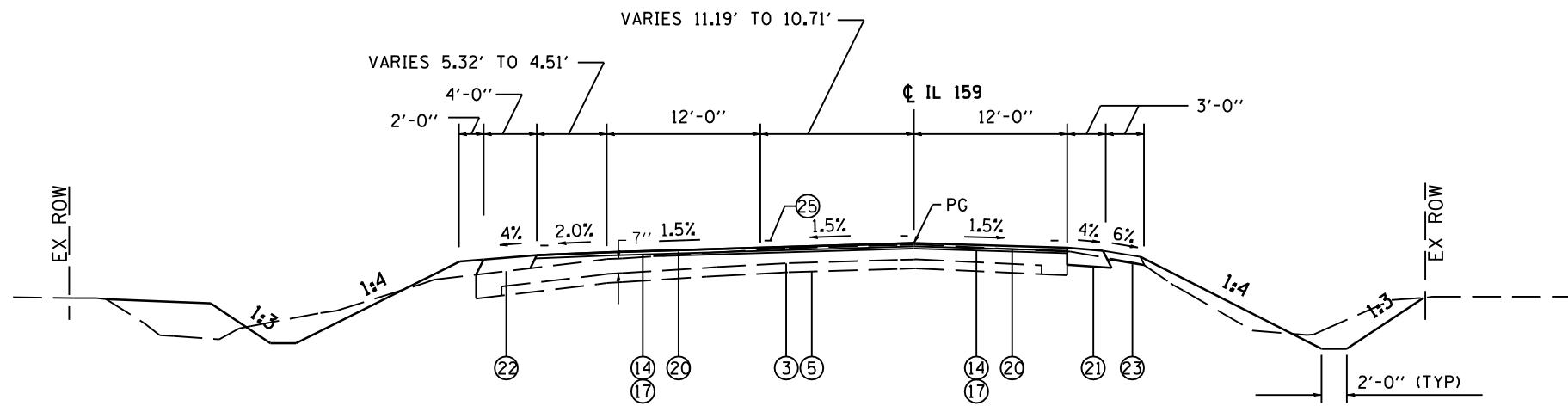
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		TYPICAL SECTIONS FAP 325 (IL 16) & FAP 604 (IL 159) SECTION 14R, 115RS-2, 116RS-4, 10IRS-2 MACOUPIN COUNTY SCALE: VERT. _____ HORIZ. _____ DATE _____ DRAWN BY _____ CHECKED BY _____

PLOT DATE = #DATES
FILE NAME = #FILEL#
PLOT SCALE = #SCALE#
USER NAME = #USER#

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	15
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* FAP 325 & FAP 604				
** 14R; 115RS-2; 116RS-4; 10IRS-2				



LOCATION A - #15
 IL RTE 159
 STA 112+86.01 TO STA 113+64.57



LOCATION A - #16
 IL RTE 159
 STA 113+64.57 TO STA 113+83.97

- LEGEND**
- ① EX CONCRETE PAVEMENT 9-6-9
 - ② EX BITUMINOUS WIDENING 9"
 - ③ EX BITUMINOUS OVERLAY
 - ④ EX BITUMINOUS SHOULDERS
 - ⑤ EX AGGREGATE BASE
 - ⑥ EX AGGREGATE SHOULDERS
 - ⑦ EX SMOOTH BAR
 - ⑧ PR PAVEMENT REMOVAL
 - ⑨ PR SUB-BASE GRANULAR MATERIAL, TY A 8"
 - ⑩ PR SUB-BASE GRANULAR MATERIAL, TY B VAR DEPTH
 - ⑪ PR BITUMINOUS BASE COURSE SUPERPAVE 8"
 - ⑫ PR BITUMINOUS BASE COURSE SUPERPAVE 11"
OR BIT CONC BASE COURSE WIDENING SP 11"
 - ⑬ PR BITUMINOUS BASE COURSE SUPERPAVE 9"
OR BIT CONC BASE COURSE WIDENING SP 9"
 - ⑭ PR BITUMINOUS SURFACE REMOVAL (VAR DEPTH)
 - ⑮ PR BITUMINOUS SURFACE REMOVAL 2 1/4"
 - ⑯ PR LEVELING BINDER (MM), SP N50 3/4"
 - ⑰ PR LEVELING BINDER (MM), SP N50 1"
 - ⑱ PR BIT CONC BIND CSE, SP, IL-19.0, N50 VAR DEPTH
 - ⑲ PR BIT CONC SURF CSE, SP, MIX "D", N50 1 1/2"
 - ⑳ PR BIT CONC SURF CSE, SP, MIX "D", N50 2"
 - ㉑ PR BITUMINOUS SHOULDERS SUPERPAVE 8"
 - ㉒ PR BITUMINOUS SHOULDERS SUPERPAVE
 - ㉓ PR AGGREGATE SHOULDERS, TYPE B 6"
 - ㉔ PR AGGREGATE SHOULDERS, TYPE B (WEDGE)
 - ㉕ PR PAVEMENT MARKING
 - ㉖ PR SODDING

B TEMPORARY WIDENING WIDTH

STATION	WIDTH (FT)
112+96.17	0.00

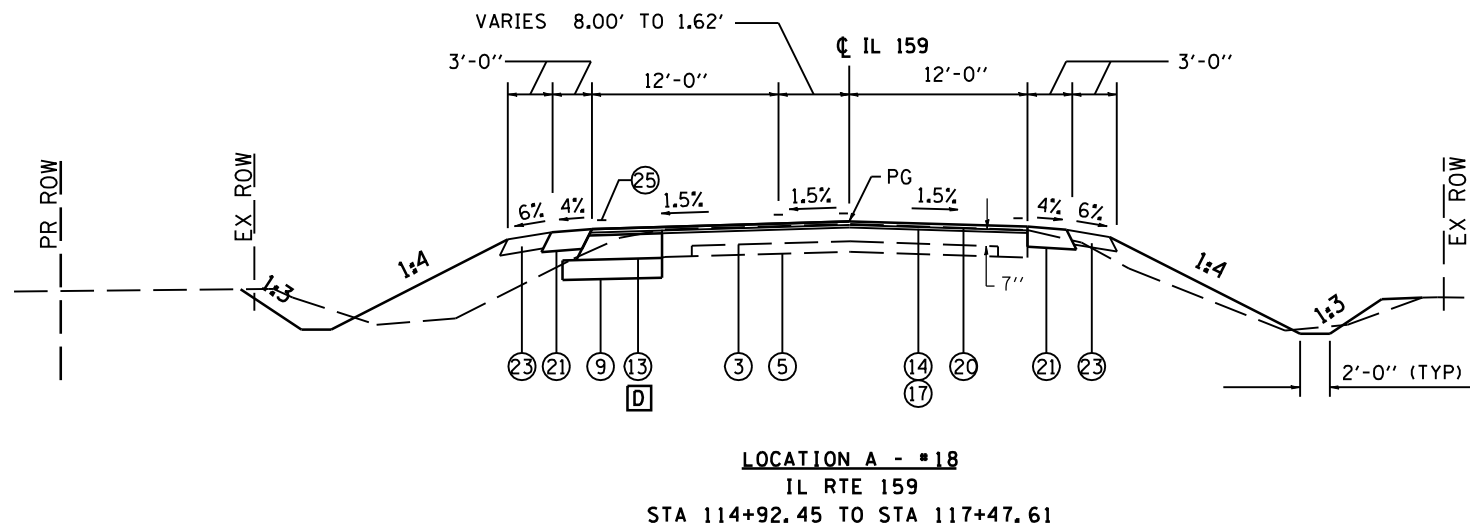
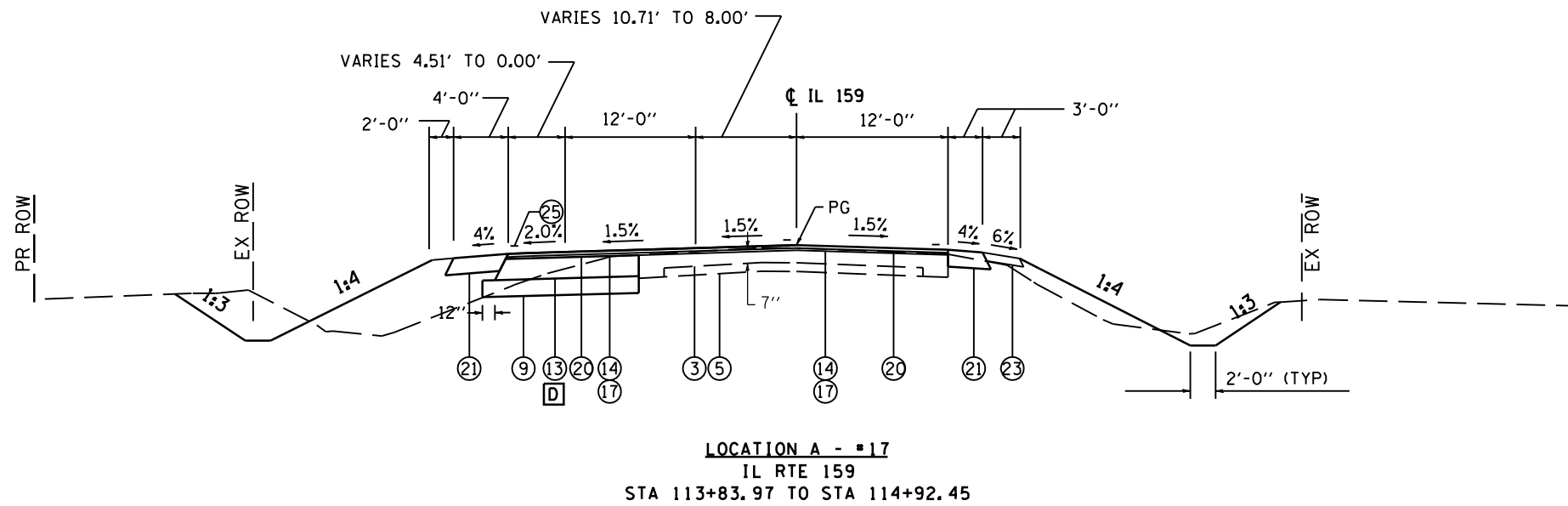
D PERMANENT WIDENING WIDTH

STATION	WIDTH (FT)
LT STA 112+86.01	21.60'
LT STA 113+00	21.40'
LT STA 113+48.31	1.00'
LT STA 113+83.97	1.00'

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		TYPICAL SECTIONS FAP 325 (IL 16) & FAP 604 (IL 159) SECTION 14R, 115RS-2, 116RS-4, 10IRS-2 MACOUPIN COUNTY SCALE: VERT. _____ HORIZ. _____ DATE _____ DRAWN BY _____ CHECKED BY _____

PLOT DATE : #DATES
 FILE NAME : #FILEL#
 PLOT SCALE : #SCALE#
 USER NAME : #USER#

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	16
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* FAP 325 & FAP 604				
** 14R; 115RS-2; 116RS-4; 10IRS-2				



- LEGEND**
- ① EX CONCRETE PAVEMENT 9-6-9
 - ② EX BITUMINOUS WIDENING 9"
 - ③ EX BITUMINOUS OVERLAY
 - ④ EX BITUMINOUS SHOULDERS
 - ⑤ EX AGGREGATE BASE
 - ⑥ EX AGGREGATE SHOULDERS
 - ⑦ EX SMOOTH BAR
 - ⑧ PR PAVEMENT REMOVAL
 - ⑨ PR SUB-BASE GRANULAR MATERIAL, TY A 8"
 - ⑩ PR SUB-BASE GRANULAR MATERIAL, TY B VAR DEPTH
 - ⑪ PR BITUMINOUS BASE COURSE SUPERPAVE 8"
 - ⑫ PR BITUMINOUS BASE COURSE SUPERPAVE 11"
OR BIT CONC BASE COURSE WIDENING SP 11"
 - ⑬ PR BITUMINOUS BASE COURSE SUPERPAVE 9"
OR BIT CONC BASE COURSE WIDENING SP 9"
 - ⑭ PR BITUMINOUS SURFACE REMOVAL (VAR DEPTH)
 - ⑮ PR BITUMINOUS SURFACE REMOVAL 2 1/4"
 - ⑯ PR LEVELING BINDER (MM), SP N50 3/4"
 - ⑰ PR LEVELING BINDER (MM), SP N50 1"
 - ⑱ PR BIT CONC BIND CSE, SP, IL-19.0, N50 VAR DEPTH
 - ⑲ PR BIT CONC SURF CSE, SP, MIX "D", N50 1 1/2"
 - ⑳ PR BIT CONC SURF CSE, SP, MIX "D", N50 2"
 - ㉑ PR BITUMINOUS SHOULDERS SUPERPAVE 8"
 - ㉒ PR BITUMINOUS SHOULDERS SUPERPAVE
 - ㉓ PR AGGREGATE SHOULDERS, TYPE B 6"
 - ㉔ PR AGGREGATE SHOULDERS, TYPE B (WEDGE)
 - ㉕ PR PAVEMENT MARKING
 - ㉖ PR SODDING

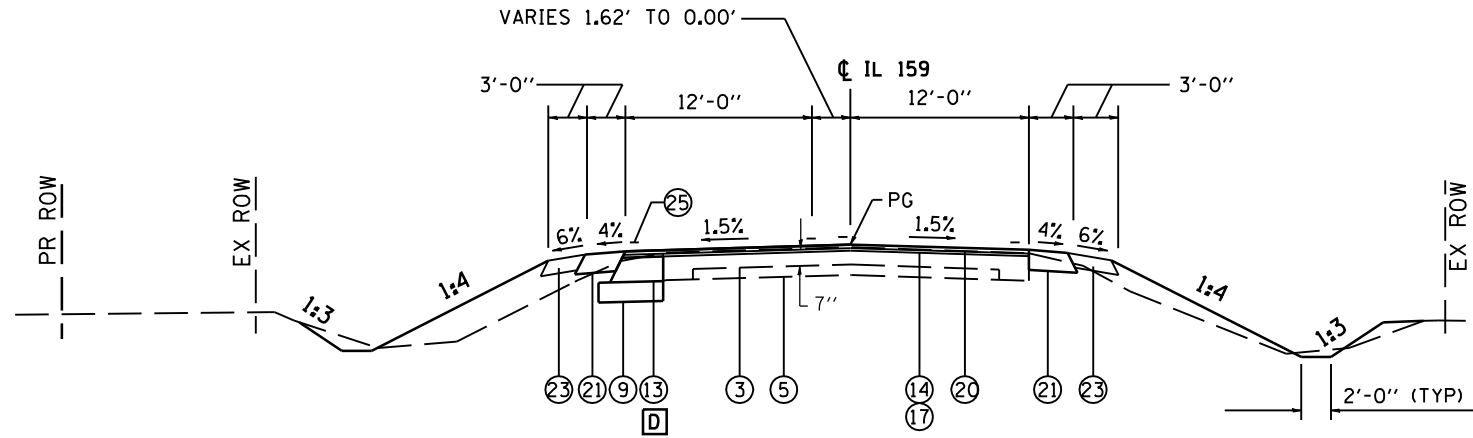
D PERMANENT WIDENING WIDTH

STATION	WIDTH (FT)
LT STA 113+83.97	1.00'
LT STA 114+00	3.59'
LT STA 114+50	10.57'
LT STA 115+00	7.47'
LT STA 115+50	6.14'
LT STA 116+00	4.89'
LT STA 116+50	3.74'
LT STA 117+00	2.48'
LT STA 117+47.61	1.14'

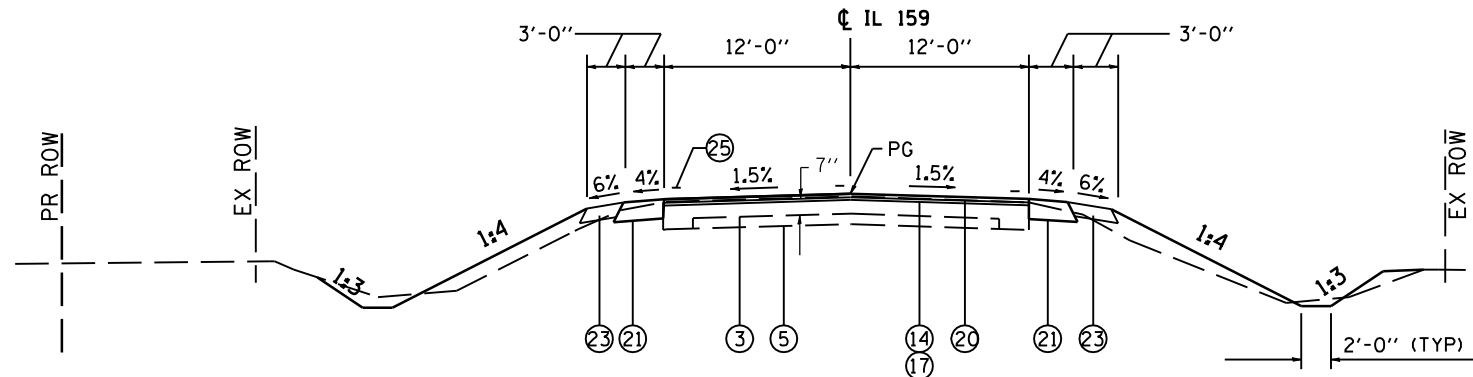
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		TYPICAL SECTIONS FAP 325 (IL 16) & FAP 604 (IL 159) SECTION 14R, 115RS-2, 116RS-4, 10IRS-2 MACOUPIN COUNTY SCALE: VERT. _____ HORIZ. _____ DATE _____ DRAWN BY _____ CHECKED BY _____

PLOT DATE = #DATES
 FILE NAME = #FILEL#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	17
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* FAP 325 & FAP 604				
** 14R; 115RS-2; 116RS-4; 10IRS-2				



LOCATION A - #19
IL RTE 159
STA 117+47.61 TO STA 118+12.12



LOCATION A - #20
IL RTE 159
STA 118+12.12 TO STA 119+12.12

D PERMANENT WIDENING WIDTH	
STATION	WIDTH (FT)
117+47.61	1.14
118+00.00	1.00
118+12.00	1.00

LEGEND

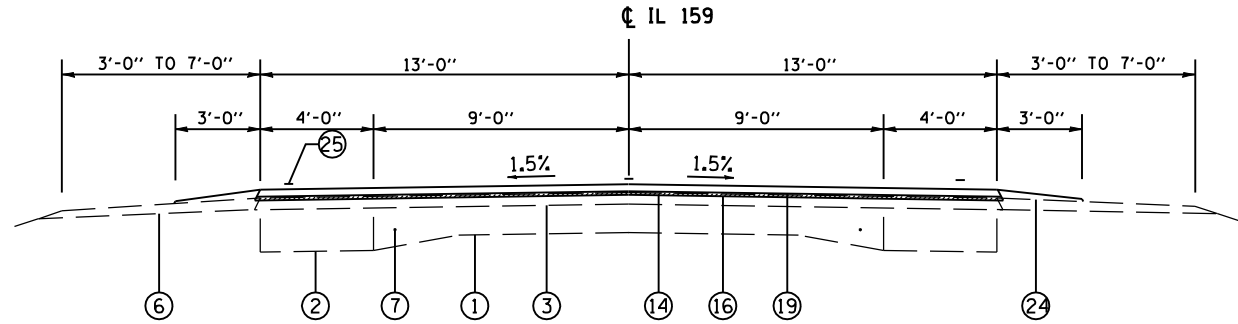
- ① EX CONCRETE PAVEMENT 9-6-9
- ② EX BITUMINOUS WIDENING 9"
- ③ EX BITUMINOUS OVERLAY
- ④ EX BITUMINOUS SHOULDERS
- ⑤ EX AGGREGATE BASE
- ⑥ EX AGGREGATE SHOULDERS
- ⑦ EX SMOOTH BAR
- ⑧ PR PAVEMENT REMOVAL
- ⑨ PR SUB-BASE GRANULAR MATERIAL, TY A 8"
- ⑩ PR SUB-BASE GRANULAR MATERIAL, TY B VAR DEPTH
- ⑪ PR BITUMINOUS BASE COURSE SUPERPAVE 8"
- ⑫ PR BITUMINOUS BASE COURSE SUPERPAVE 11"
OR BIT CONC BASE COURSE WIDENING SP 11"
- ⑬ PR BITUMINOUS BASE COURSE SUPERPAVE 9"
OR BIT CONC BASE COURSE WIDENING SP 9"
- ⑭ PR BITUMINOUS SURFACE REMOVAL (VAR DEPTH)
- ⑮ PR BITUMINOUS SURFACE REMOVAL 2 1/4"
- ⑯ PR LEVELING BINDER (MM), SP N50 3/4"
- ⑰ PR LEVELING BINDER (MM), SP N50 1"
- ⑱ PR BIT CONC BIND CSE, SP, IL-19.0, N50 VAR DEPTH
- ⑲ PR BIT CONC SURF CSE, SP, MIX "D", N50 1 1/2"
- ⑳ PR BIT CONC SURF CSE, SP, MIX "D", N50 2"
- ㉑ PR BITUMINOUS SHOULDERS SUPERPAVE 8"
- ㉒ PR BITUMINOUS SHOULDERS SUPERPAVE
- ㉓ PR AGGREGATE SHOULDERS, TYPE B 6"
- ㉔ PR AGGREGATE SHOULDERS, TYPE B (WEDGE)
- ㉕ PR PAVEMENT MARKING
- ㉖ PR SODDING

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
FAP 325 (IL 16) & FAP 604 (IL 159)
SECTION 14R, 115RS-2, 116RS-4, 10IRS-2
MACOUPIN COUNTY
SCALE: VERT. _____
HORIZ. _____
DATE _____ DRAWN BY _____
CHECKED BY _____

PLOT DATE : #DATES
FILE NAME : #FILEL#
PLOT SCALE : #SCALE#
USER NAME : #USER#

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	18
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* FAP 325 & FAP 604				
** 14R; 115RS-2; 116RS-4; 10IRS-2				

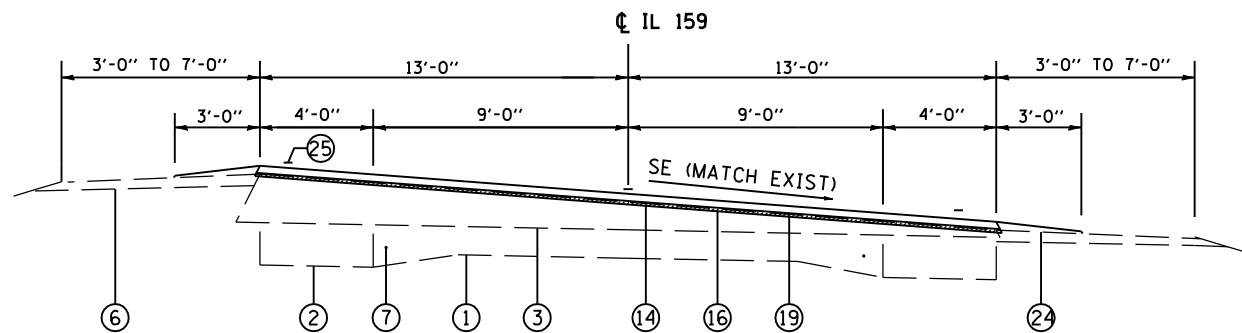


LOCATION B - #1

STA 1149+43.64 TO STA 1268+28.45
 STA 1281+45.41 TO STA 1282+12.27
 STA 1294+78.68 TO STA 188+25.00

STA EQUATIONS

STA 101+26.77 BK = STA 1149+43.64 AH
 STA 1154+95.82 BK = STA 1154+99.92 AH
 STA 1304+24.50 BK = STA 104+19.78 AH

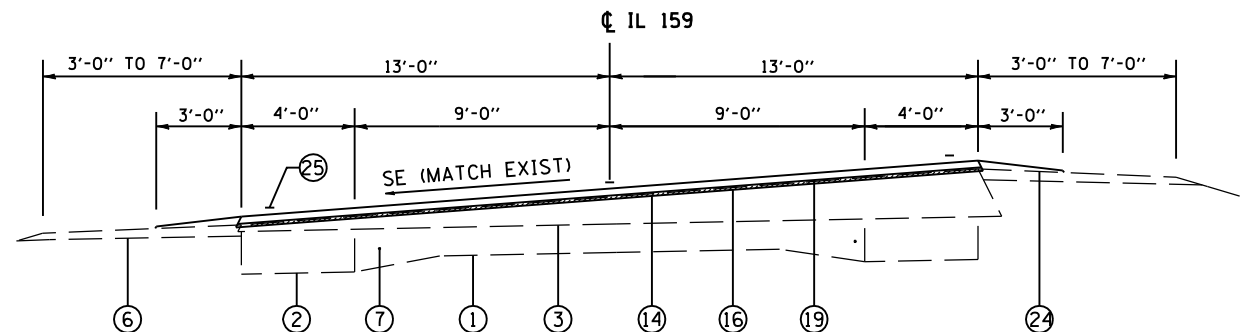


LOCATION B - #2

STA 1268+28.45 TO STA 1281+45.41

STA EQUATION

STA 1280+02.26 BK = STA 1280+11.77 AH



LOCATION B - #3

STA 1282+12.27 TO STA 1294+78.68

STA EQUATION

STA 1293+48.10 BK = STA 1293+53.91 AH

LEGEND

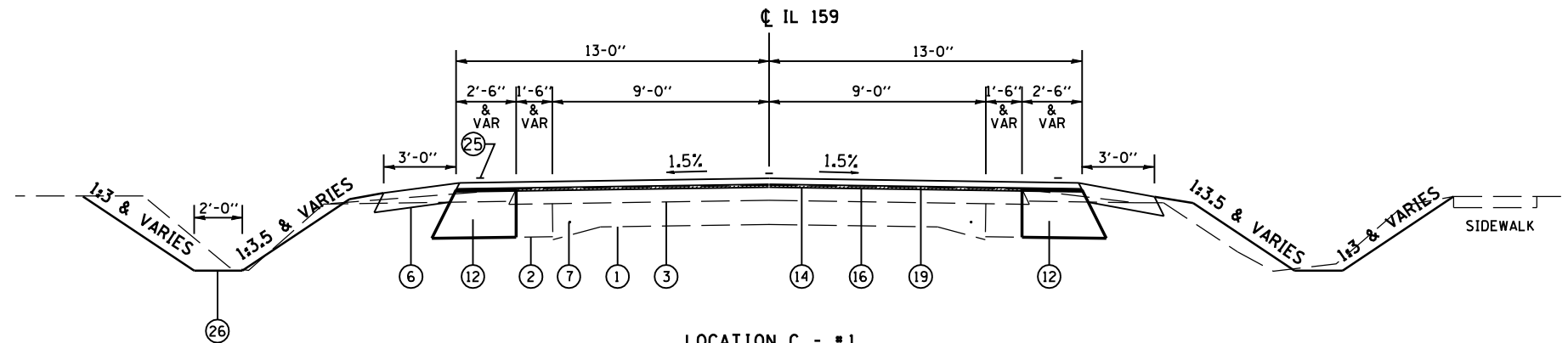
- ① EX CONCRETE PAVEMENT 9-6-9
- ② EX BITUMINOUS WIDENING 9"
- ③ EX BITUMINOUS OVERLAY
- ④ EX BITUMINOUS SHOULDERS
- ⑤ EX AGGREGATE BASE
- ⑥ EX AGGREGATE SHOULDERS
- ⑦ EX SMOOTH BAR
- ⑧ PR PAVEMENT REMOVAL
- ⑨ PR SUB-BASE GRANULAR MATERIAL, TY A 8"
- ⑩ PR SUB-BASE GRANULAR MATERIAL, TY B VAR DEPTH
- ⑪ PR BITUMINOUS BASE COURSE SUPERPAVE 8"
- ⑫ PR BITUMINOUS BASE COURSE SUPERPAVE 11"
OR BIT CONC BASE COURSE WIDENING SP 11"
- ⑬ PR BITUMINOUS BASE COURSE SUPERPAVE 9"
OR BIT CONC BASE COURSE WIDENING SP 9"
- ⑭ PR BITUMINOUS SURFACE REMOVAL (VAR DEPTH)
- ⑮ PR BITUMINOUS SURFACE REMOVAL 2 1/4"
- ⑯ PR LEVELING BINDER (MM), SP N50 3/4"
- ⑰ PR LEVELING BINDER (MM), SP N50 1"
- ⑱ PR BIT CONC BIND CSE, SP, IL-19.0, N50 VAR DEPTH
- ⑲ PR BIT CONC SURF CSE, SP, MIX "D", N50 1 1/2"
- ⑳ PR BIT CONC SURF CSE, SP, MIX "D", N50 2"
- ㉑ PR BITUMINOUS SHOULDERS SUPERPAVE 8"
- ㉒ PR BITUMINOUS SHOULDERS SUPERPAVE
- ㉓ PR AGGREGATE SHOULDERS, TYPE B 6"
- ㉔ PR AGGREGATE SHOULDERS, TYPE B (WEDGE)
- ㉕ PR PAVEMENT MARKING
- ㉖ PR SODDING

NOTE: THE THRU LANES WILL BE STRIPED AT 11'-0"

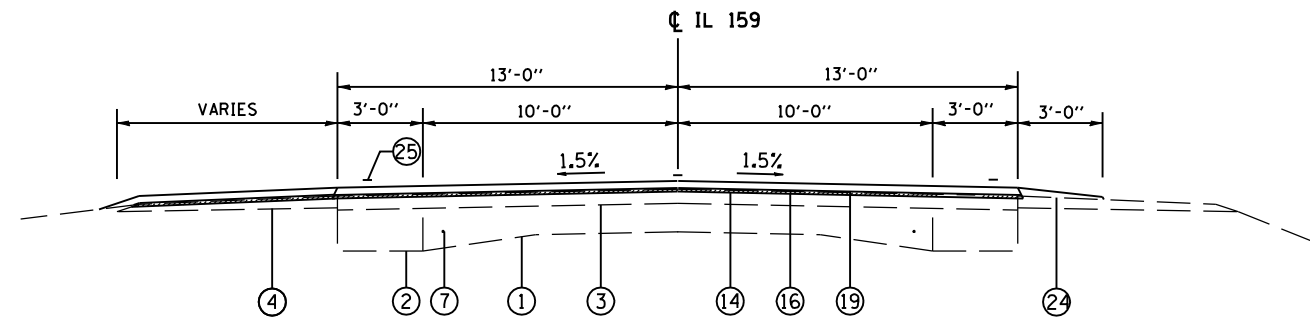
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		TYPICAL SECTIONS FAP 325 (IL 16) & FAP 604 (IL 159) SECTION 14R, 115RS-2, 116RS-4, 10IRS-2 MACOUPIN COUNTY SCALE: VERT. _____ HORIZ. _____ DATE _____ DRAWN BY _____ CHECKED BY _____

PLOT DATE = #DATES
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 PLOT SCALE = #SCALE#
 USER NAME = #USER#

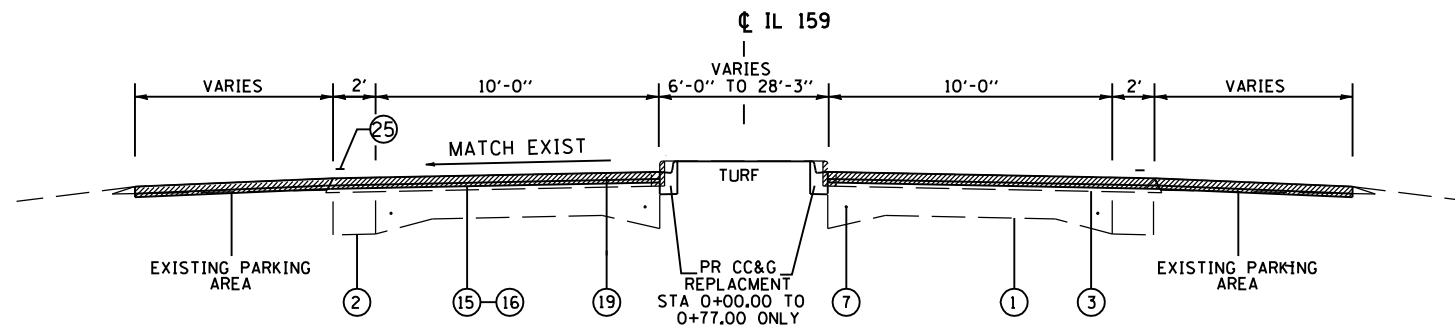
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	19
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* FAP 325 & FAP 604				
** 14R; 115RS-2; 116RS-4; 10IRS-2				



LOCATION C - #1
STA 188+25.00 TO STA 199+38.00



LOCATION C - #2
STA 199+38.00 TO STA 200+35.00



LOCATION C - #3
STA 200+35.00 TO STA 201+25.00
STA 0+00.00 TO STA 0+77.00

LEGEND

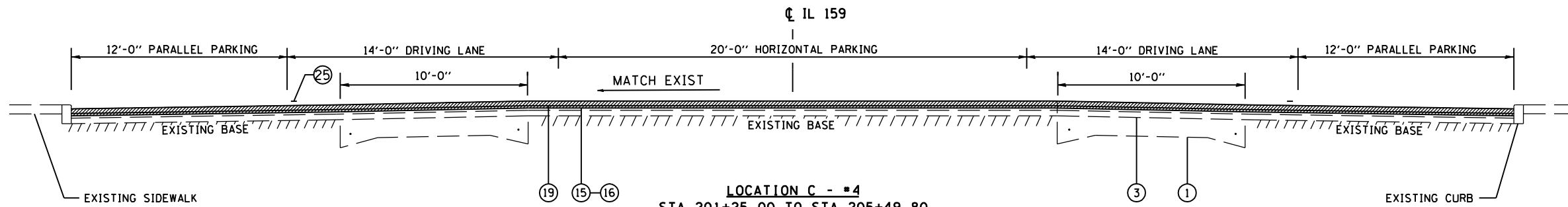
- ① EX CONCRETE PAVEMENT 9-6-9
- ② EX BITUMINOUS WIDENING 9"
- ③ EX BITUMINOUS OVERLAY
- ④ EX BITUMINOUS SHOULDERS
- ⑤ EX AGGREGATE BASE
- ⑥ EX AGGREGATE SHOULDERS
- ⑦ EX SMOOTH BAR
- ⑧ PR PAVEMENT REMOVAL
- ⑨ PR SUB-BASE GRANULAR MATERIAL, TY A 8"
- ⑩ PR SUB-BASE GRANULAR MATERIAL, TY B VAR DEPTH
- ⑪ PR BITUMINOUS BASE COURSE SUPERPAVE 8"
- ⑫ PR BITUMINOUS BASE COURSE SUPERPAVE 11"
OR BIT CONC BASE COURSE WIDENING SP 11"
- ⑬ PR BITUMINOUS BASE COURSE SUPERPAVE 9"
OR BIT CONC BASE COURSE WIDENING SP 9"
- ⑭ PR BITUMINOUS SURFACE REMOVAL (VAR DEPTH)
- ⑮ PR BITUMINOUS SURFACE REMOVAL 2 1/4"
- ⑯ PR LEVELING BINDER (MM), SP N50 3/4"
- ⑰ PR LEVELING BINDER (MM), SP N50 1"
- ⑱ PR BIT CONC BIND CSE, SP, IL-19.0, N50 VAR DEPTH
- ⑲ PR BIT CONC SURF CSE, SP, MIX "D", N50 1 1/2"
- ⑳ PR BIT CONC SURF CSE, SP, MIX "D", N50 2"
- ㉑ PR BITUMINOUS SHOULDERS SUPERPAVE 8"
- ㉒ PR BITUMINOUS SHOULDERS SUPERPAVE
- ㉓ PR AGGREGATE SHOULDERS, TYPE B 6"
- ㉔ PR AGGREGATE SHOULDERS, TYPE B (WEDGE)
- ㉕ PR PAVEMENT MARKING
- ㉖ PR SODDING

NOTE: THE THRU LANES WILL BE STRIPED AT 11'-0"

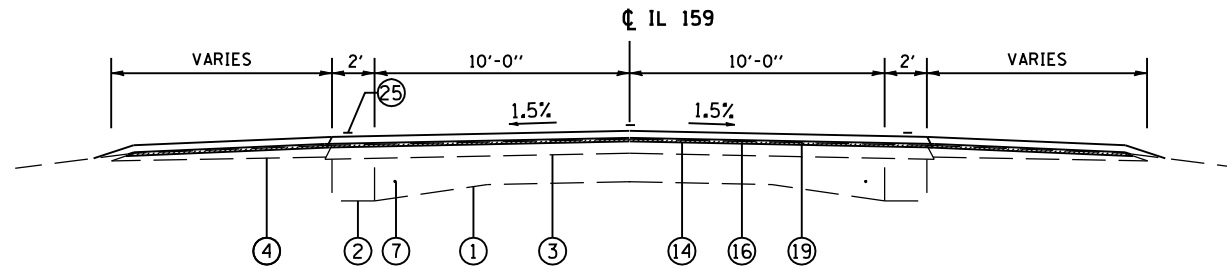
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<p>TYPICAL SECTIONS</p> <p>FAP 325 (IL 16) & FAP 604 (IL 159)</p> <p>SECTION 14R, 115RS-2, 116RS-4, 10IRS-2</p> <p>MACOUPIN COUNTY</p> <p>SCALE: VERT. _____</p> <p>HORIZ. _____</p> <p>DATE _____</p> <p>DRAWN BY _____</p> <p>CHECKED BY _____</p>

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PLOT SCALE = #SCALE#
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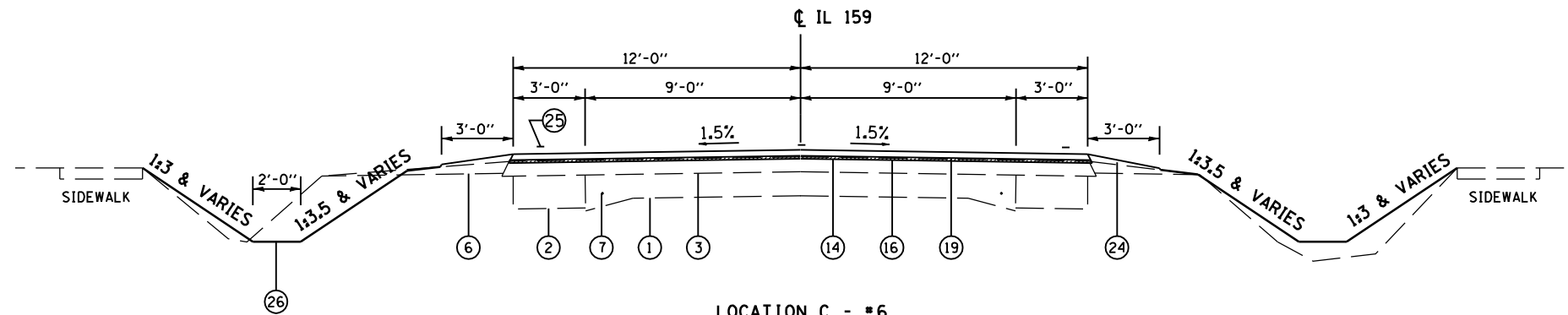
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	**	MACOUPIN	231	20
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* FAP 325 & FAP 604				
** 14R; 115RS-2; 116RS-4; 10IRS-2				



LOCATION C - #4
 STA 201+25.00 TO STA 205+49.80
 STA EQUATION
 STA 205+49.80 BK = STA 0+00.00 AH



LOCATION C - #5
 STA 0+77.00 TO STA 3+00.00



LOCATION C - #6
 LT STA 3+00.00 TO STA 25+84.80
 LT STA 28+26.29 TO STA 30+00.00
 RT STA 3+00.00 TO STA 26+55.22
 RT STA 29+00.45 TO STA 30+00.00
 NO DITCH GRADING

LEGEND

- ① EX CONCRETE PAVEMENT 9-6-9
- ② EX BITUMINOUS WIDENING 9"
- ③ EX BITUMINOUS OVERLAY
- ④ EX BITUMINOUS SHOULDERS
- ⑤ EX AGGREGATE BASE
- ⑥ EX AGGREGATE SHOULDERS
- ⑦ EX SMOOTH BAR
- ⑧ PR PAVEMENT REMOVAL
- ⑨ PR SUB-BASE GRANULAR MATERIAL, TY A 8"
- ⑩ PR SUB-BASE GRANULAR MATERIAL, TY B VAR DEPTH
- ⑪ PR BITUMINOUS BASE COURSE SUPERPAVE 8"
- ⑫ PR BITUMINOUS BASE COURSE SUPERPAVE 11"
OR BIT CONC BASE COURSE WIDENING SP 11"
- ⑬ PR BITUMINOUS BASE COURSE SUPERPAVE 9"
OR BIT CONC BASE COURSE WIDENING SP 9"
- ⑭ PR BITUMINOUS SURFACE REMOVAL (VAR DEPTH)
- ⑮ PR BITUMINOUS SURFACE REMOVAL 2 1/4"
- ⑯ PR LEVELING BINDER (MM), SP N50 3/4"
- ⑰ PR LEVELING BINDER (MM), SP N50 1"
- ⑱ PR BIT CONC BIND CSE, SP, IL-19.0, N50 VAR DEPTH
- ⑲ PR BIT CONC SURF CSE, SP, MIX "D", N50 1 1/2"
- ⑳ PR BIT CONC SURF CSE, SP, MIX "D", N50 2"
- ㉑ PR BITUMINOUS SHOULDERS SUPERPAVE 8"
- ㉒ PR BITUMINOUS SHOULDERS SUPERPAVE
- ㉓ PR AGGREGATE SHOULDERS, TYPE B 6"
- ㉔ PR AGGREGATE SHOULDERS, TYPE B (WEDGE)
- ㉕ PR PAVEMENT MARKING
- ㉖ PR SODDING

NOTE: THE THRU LANES WILL BE STRIPED AT 11'-0"

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		TYPICAL SECTIONS FAP 325 (IL 16) & FAP 604 (IL 159) SECTION 14R, 115RS-2, 116RS-4, 10IRS-2 MACOUPIN COUNTY SCALE: VERT. _____ HORIZ. _____ DATE _____ DRAWN BY _____ CHECKED BY _____

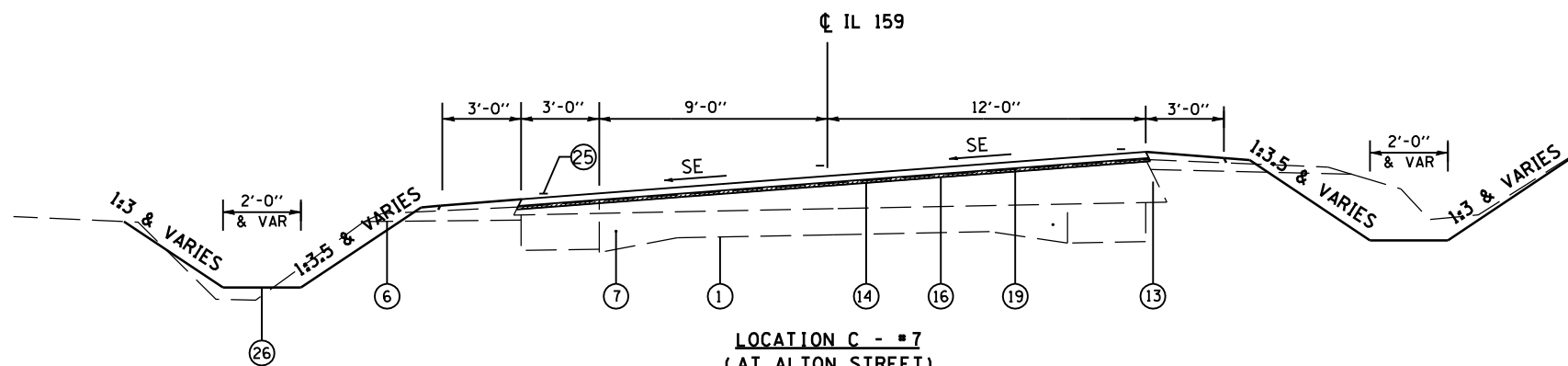
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	21

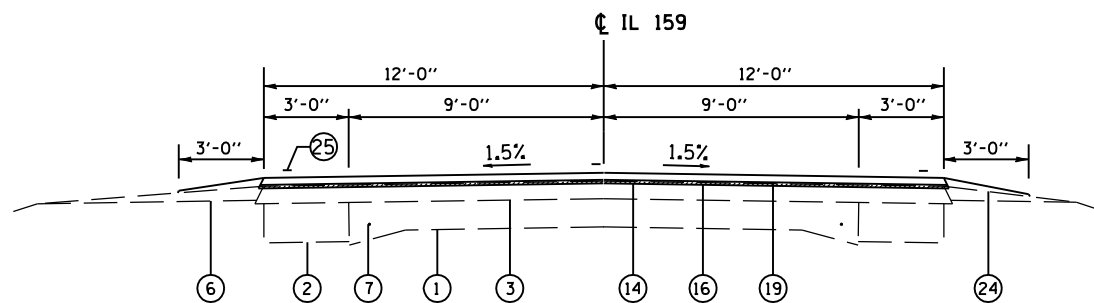
STA. TO STA.

FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT

* FAP 325 & FAP 604
** 14R; 115RS-2; 116RS-4; 10IRS-2



LOCATION C - #7
(AT ALTON STREET)
LT STA 25+84.80 TO STA 28+26.29
RT STA 26+55.22 TO STA 29+00.45



LOCATION D - #1
STA 30+00.00 TO STA 175+07.05

STA EQUATIONS

STA 30+61.01 BK = STA 31+09.65 AH
STA 51+64.30 BK = STA 53+55.92 AH
STA 91+74.78 BK = STA 91+75.20 AH
STA 106+20.58 BK = STA 106+24.40 AH
STA 124+31.79 BK = STA 124+36.47 AH
STA 165+49.56 BK = STA 165+56.00 AH

LEGEND

- ① EX CONCRETE PAVEMENT 9-6-9
- ② EX BITUMINOUS WIDENING 9"
- ③ EX BITUMINOUS OVERLAY
- ④ EX BITUMINOUS SHOULDERS
- ⑤ EX AGGREGATE BASE
- ⑥ EX AGGREGATE SHOULDERS
- ⑦ EX SMOOTH BAR
- ⑧ PR PAVEMENT REMOVAL
- ⑨ PR SUB-BASE GRANULAR MATERIAL, TY A 8"
- ⑩ PR SUB-BASE GRANULAR MATERIAL, TY B VAR DEPTH
- ⑪ PR BITUMINOUS BASE COURSE SUPERPAVE 8"
- ⑫ PR BITUMINOUS BASE COURSE SUPERPAVE 11"
OR BIT CONC BASE COURSE WIDENING SP 11"
- ⑬ PR BITUMINOUS BASE COURSE SUPERPAVE 9"
OR BIT CONC BASE COURSE WIDENING SP 9"
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- ⑱ PR BIT CONC BIND CSE, SP, IL-19.0, N50 VAR DEPTH
- ⑲ PR BIT CONC SURF CSE, SP, MIX "D", N50 1 1/2"
- ⑳ PR BIT CONC SURF CSE, SP, MIX "D", N50 2"
- ㉑ PR BITUMINOUS SHOULDERS SUPERPAVE 8"
- ㉒ PR BITUMINOUS SHOULDERS SUPERPAVE
- ㉓ PR AGGREGATE SHOULDERS, TYPE B 6"
- ㉔ PR AGGREGATE SHOULDERS, TYPE B (WEDGE)
- ㉕ PR PAVEMENT MARKING
- ㉖ PR SODDING

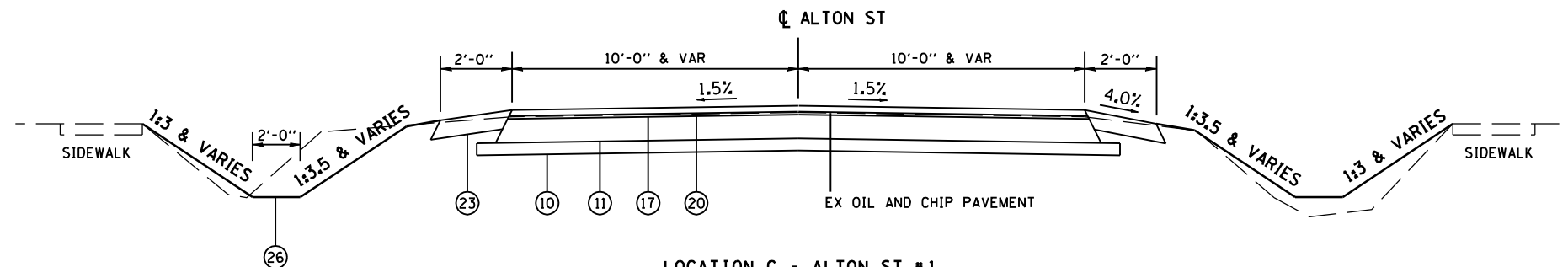
NOTE: THE THRU LANES WILL BE STRIPED AT 11'-0"

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION TYPICAL SECTIONS FAP 325 (IL 16) & FAP 604 (IL 159) SECTION 14R, 115RS-2, 116RS-4, 10IRS-2 MACOUPIN COUNTY
NAME	DATE	

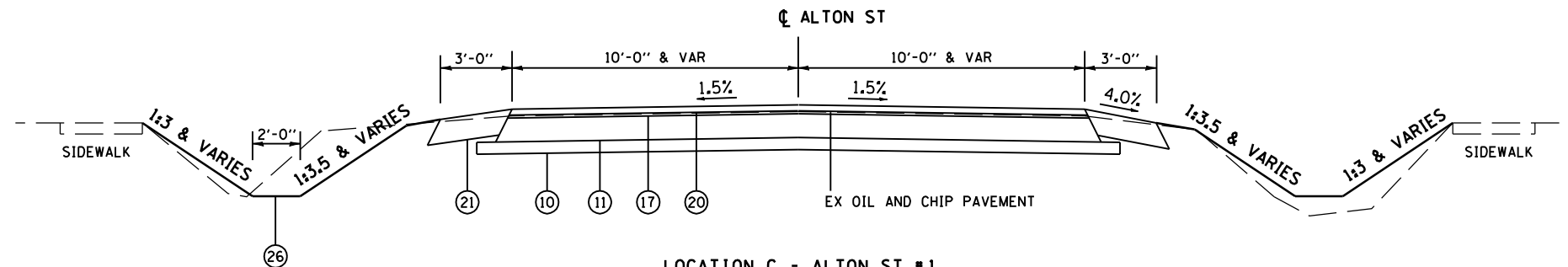
SCALE: VERT. DRAWN BY
 HORIZ. CHECKED BY
DATE

PLOT DATE = #DATES
FILE NAME = #FILEL#
PLOT SCALE = #SCALE#
USER NAME = #USER#

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	22
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* FAP 325 & FAP 604				
** 14R; 115RS-2; 116RS-4; 101RS-2				



LOCATION C - ALTON ST #1
STA 8+32.00 TO STA 9+08.85



LOCATION C - ALTON ST #1
STA 9+08.85 TO STA 9+87.70
STA 10+13.70 TO STA 10+79.00

LEGEND

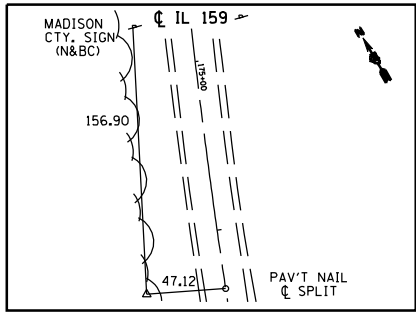
- ① EX CONCRETE PAVEMENT 9-6-9
- ② EX BITUMINOUS WIDENING 9"
- ③ EX BITUMINOUS OVERLAY
- ④ EX BITUMINOUS SHOULDERS
- ⑤ EX AGGREGATE BASE
- ⑥ EX AGGREGATE SHOULDERS
- ⑦ EX SMOOTH BAR
- ⑧ PR PAVEMENT REMOVAL
- ⑨ PR SUB-BASE GRANULAR MATERIAL, TY A 8"
- ⑩ PR SUB-BASE GRANULAR MATERIAL, TY B VAR DEPTH
- ⑪ PR BITUMINOUS BASE COURSE SUPERPAVE 8"
- ⑫ PR BITUMINOUS BASE COURSE SUPERPAVE 11"
OR BIT CONC BASE COURSE WIDENING SP 11"
- ⑬ PR BITUMINOUS BASE COURSE SUPERPAVE 9"
OR BIT CONC BASE COURSE WIDENING SP 9"
- ⑭ PR BITUMINOUS SURFACE REMOVAL (VAR DEPTH)
- ⑮ PR BITUMINOUS SURFACE REMOVAL 2 1/4"
- ⑯ PR LEVELING BINDER (MM), SP N50 3/4"
- ⑰ PR LEVELING BINDER (MM), SP N50 1"
- ⑱ PR BIT CONC BIND CSE, SP, IL-19.0, N50 VAR DEPTH
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- ⑳ PR BIT CONC SURF CSE, SP, MIX "D", N50 2"
- ㉑ PR BITUMINOUS SHOULDERS SUPERPAVE 8"
- ㉒ PR BITUMINOUS SHOULDERS SUPERPAVE
- ㉓ PR AGGREGATE SHOULDERS, TYPE B 6"
- ㉔ PR AGGREGATE SHOULDERS, TYPE B (WEDGE)
- ㉕ PR PAVEMENT MARKING
- ㉖ PR SODDING

PLOT DATE : #DATES
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USER NAME : #USER#

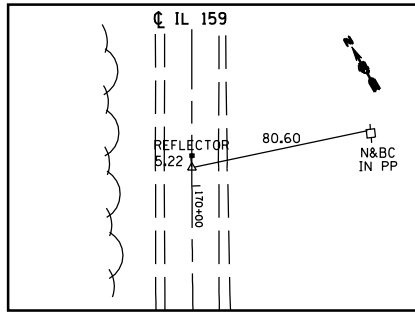
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
FAP 325 (IL 16) & FAP 604 (IL 159)
SECTION 14R, 115RS-2, 116RS-4, 101RS-2
MACOUPIN COUNTY
SCALE: VERT. _____
HORIZ. _____
DATE _____ DRAWN BY _____
CHECKED BY _____

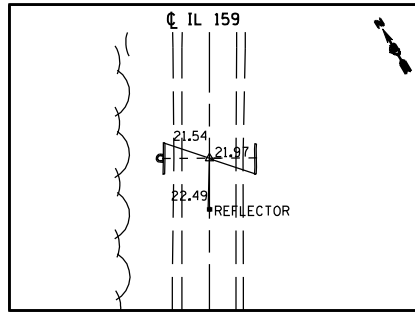
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	23
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* FAP 325 & FAP 604				
** 14R; 115RS-2; 116RS-4; 101RS-2				



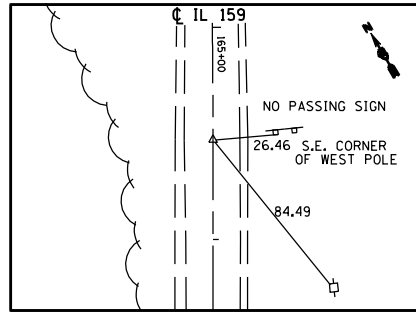
PI #138 STA. 176+34.71
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BURIED 16"



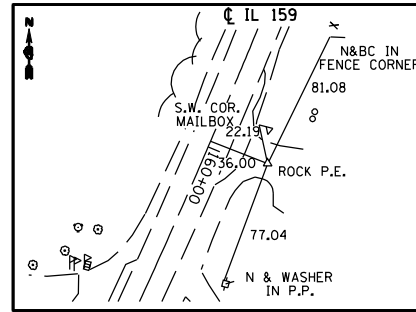
PC #138 STA. 169+91.91
(PK N IN CHSLD. "X")



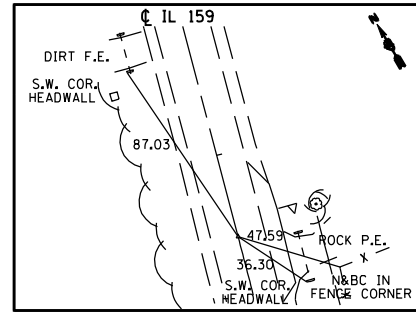
POT #137 STA. 168+00
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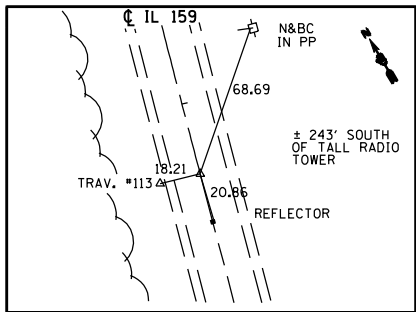
PT #136 STA. 165+49.56 =
POT #136 STA. 165+56.00
(PK N IN CHSLD. "X")



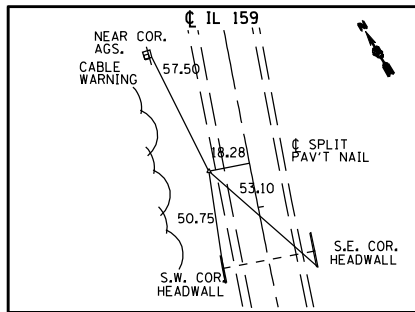
PI #136 STA. 159+96.40
(#4 REBAR W/CAP)
BURIED 1"



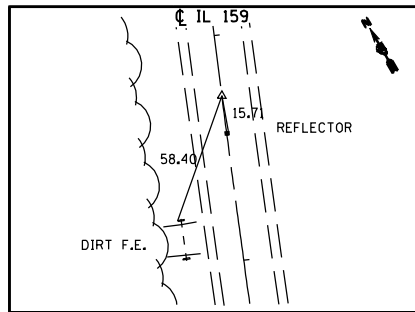
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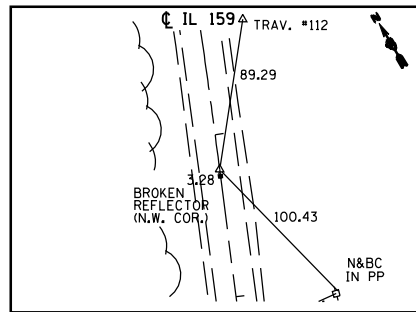
PT #412 STA. 124+31.79 =
POT #1412 STA. 124+36.47
(PK NAIL IN CHSLD. "X")



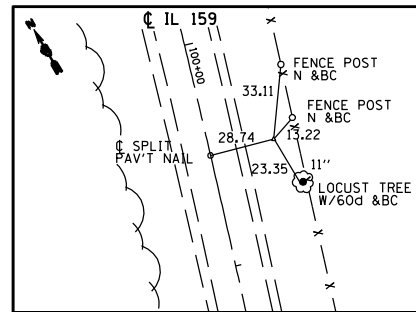
PI #412 STA. 118+80.06
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BURIED 12"



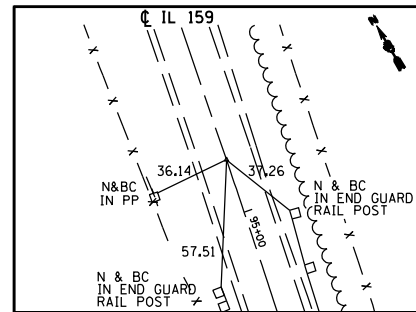
PC #412 STA. 113+26.79
(PK NAIL IN CHSLD. "X")



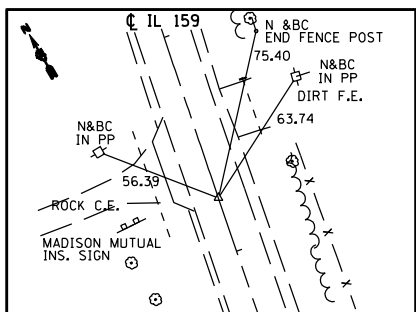
PT #135 STA. 106+20.58 =
POT #1135 STA. 106+24.40
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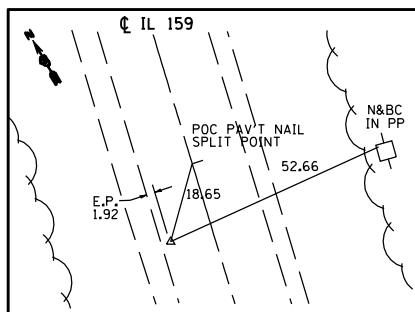
PI #135 STA. 100+50.00
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BURIED 11"



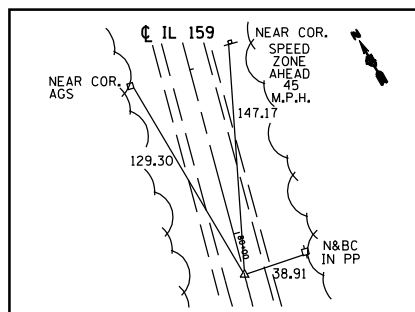
PC #135 STA. 94+75.58
(PK N&BC IN CHSLD. "X")



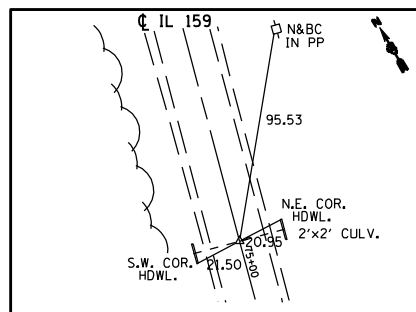
PT #134 STA. 91+74.78 =
POT #1134 STA. 91+75.20
(PK N&BC IN CHSLD. "X")



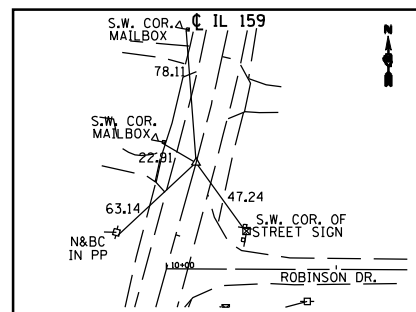
PI #134 STA. 86+00.00
(PK N&BC IN CHSLD. "X")



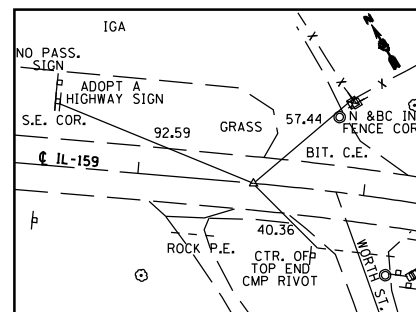
PC #134 STA. 80+24.78
(PK N&BC IN CHSLD. "X")



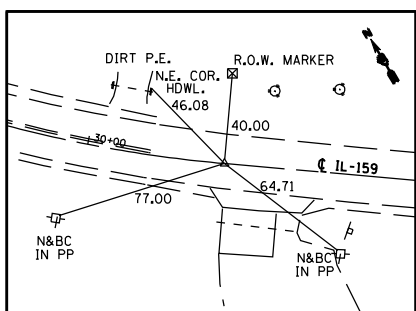
POT #133 STA. 75+00.00
(PK N&BC IN CHSLD. "X")



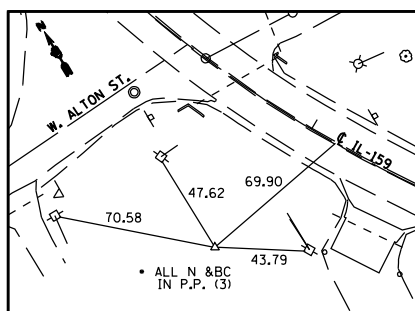
PT #131 STA. 51+64.30 =
POT #1131 STA. 53+55.92
(PK N&BC IN CHSLD. "X")



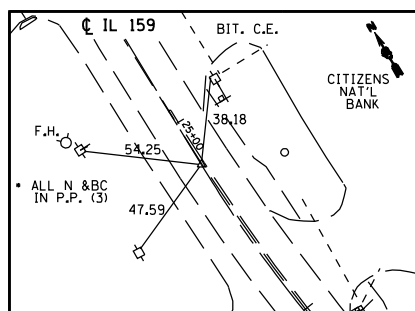
PC #131 STA. 38+51.20
(PK N&BC IN CHSLD. "X")



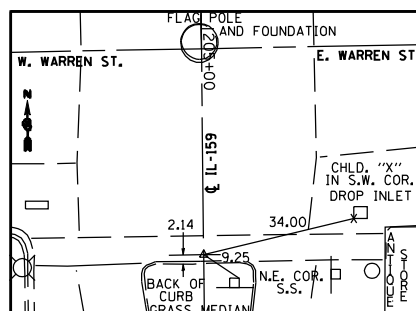
PT #129 STA. 30+61.01 =
POT #1129 STA. 31+09.65
(PK NAIL IN CHSLD. "X")



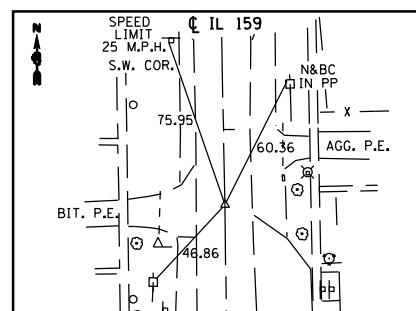
PI #129 STA. 28+12.93
(#4 REBAR W/CAP)
BURIED 1"



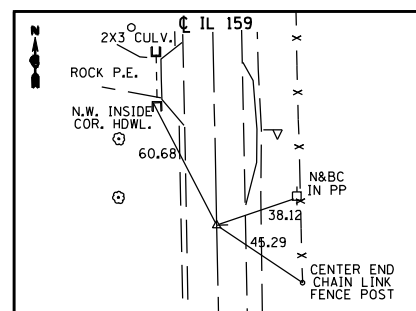
PC #129 STA. 25+21.31
(PK N&BC IN CHSLD. "X")



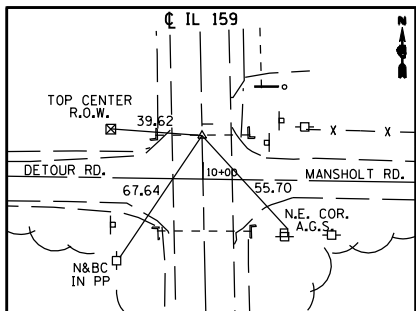
POT #127 STA. 205+49.85 =
POT #1127 STA. 0+00.00
(PK N&BC IN CHSLD. "X")



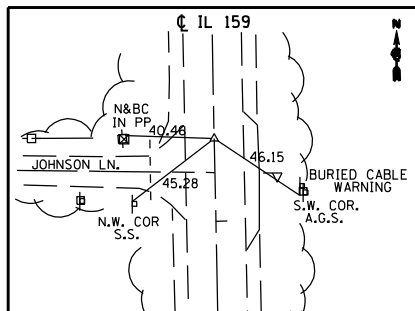
POT #126 STA. 199+33.11
(PK N&BC IN CHSLD. "X")



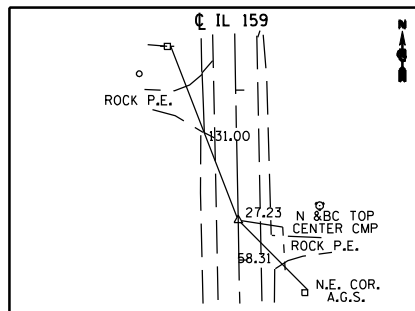
POT #130 STA. 176+00.00
(PK N&BC IN CHSLD. "X")



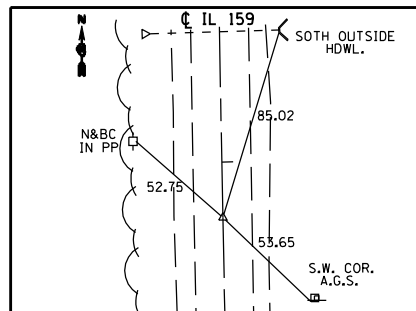
POT #125 STA. 153+05.00
(PK N&BC IN CHSLD. "X")



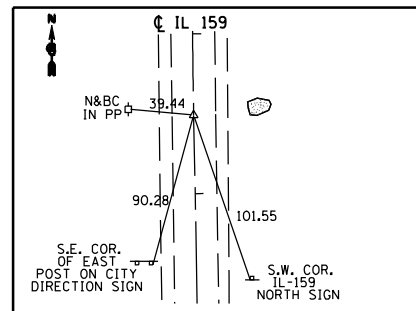
POT #124 STA. 126+63.50
(PK N&BC IN CHSLD. "X")



POT #280 STA. 117+76.48
(PK N&BC IN CHSLD. "X")



POT #2120 STA. 1304+24.50 =
POT #1120 STA. 104+01.66
(PK N&BC IN CHSLD. "X")



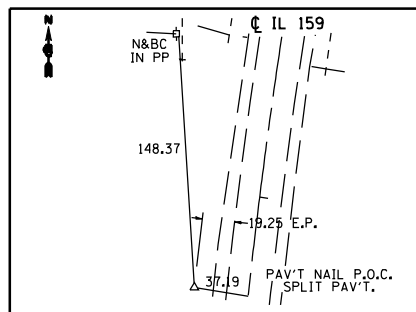
PT #118 STA. 1293+48.10 =
POT #1118 STA. 1293+53.91
(PK N&BC IN CHSLD. "X")

REVISIONS	
NAME	DATE

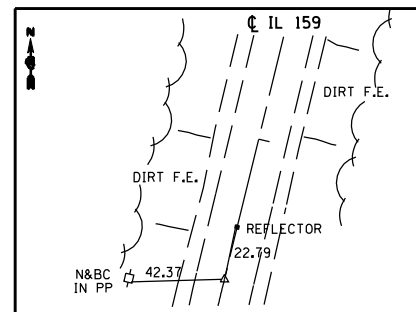
ILLINOIS DEPARTMENT OF TRANSPORTATION
CROSS TIES & BENCHMARKS
FAP 325 (IL 16) & FAP 604 (IL 159)
SECTION 14R; 115RS-2; 116RS-4; 101RS-2
MACOUPIN COUNTY

SCALE: VERT. DATE HORIZ. DATE
DRAWN BY CHECKED BY

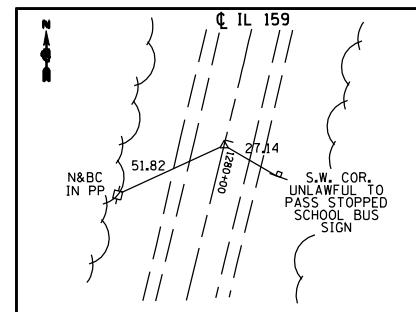
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	24
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* FAP 325 & FAP 604 ** 14R; 115RS-2; 116RS-4; 101RS-2				



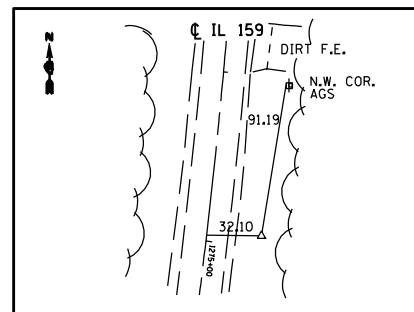
PI #118 STA. 1288+58.65
(*4 REBAR W/CAP)
BURIED 6"



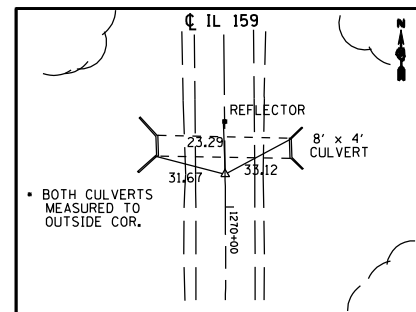
PC #118 STA. 1283+63.70
(PK N&BC IN CHSLD. "X")



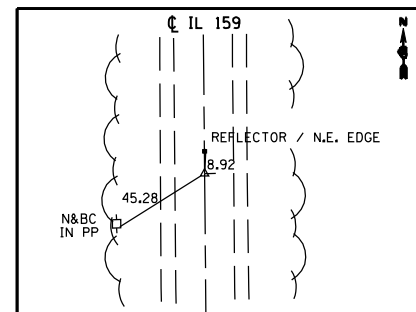
PT #117 STA. 1280+02.26 =
POT #117 STA. 1280+11.77
(PK N&BC IN CHSLD. "X")



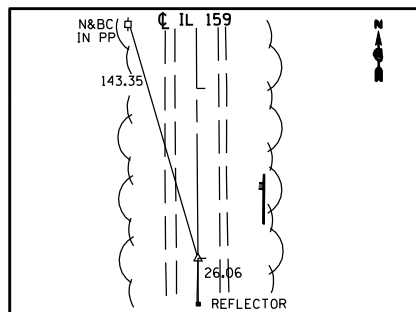
PI #117 STA. 1274+96.54
(*4 REBAR W/CAP)
BURIED 4"



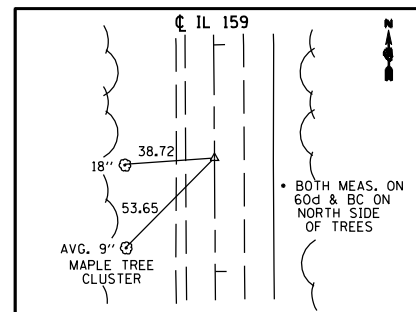
PC #117 STA. 1269+85.56
(PK N&BC IN CHSLD. "X")



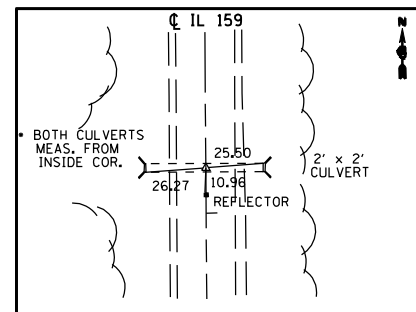
POT #123 STA. 1252+00.00
(PK N&BC IN CHSLD. "X")



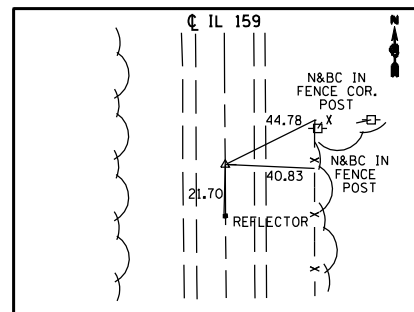
POT #115 STA. 1234+00.00
(PK N&BC IN CHSLD. "X")



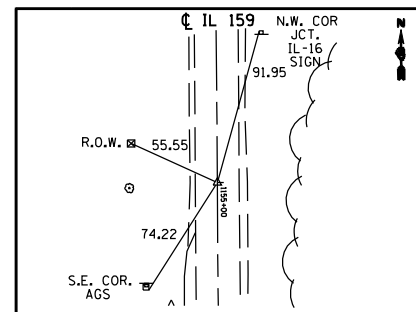
POT #122 STA. 1212+50.00
(PK N&BC IN CHSLD. "X")



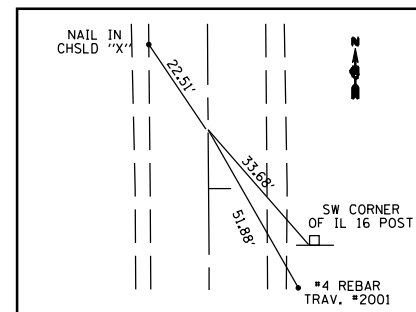
POT #114 STA. 1190+80.00
(PK N&BC IN CHSLD. "X")



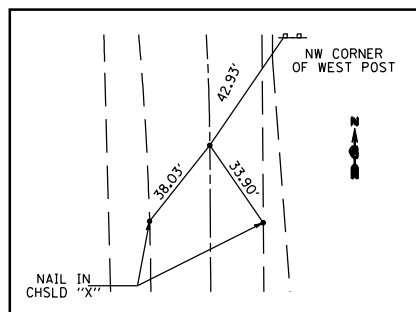
PC #121 STA. 1173+00.00
(PK N&BC IN CHSLD. "X")



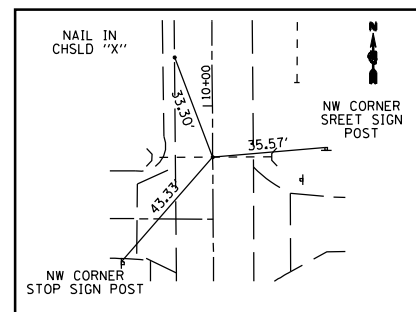
POT #526 STA. 1154+95.82 =
POT #200 STA. 1154+99.92
(PK N&BC IN CHSLD. "X")



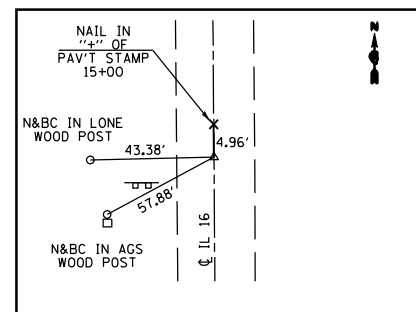
P.O.T. STA. 1153+87.00
PK NAIL & B.C.
WITH CHSLD "X"



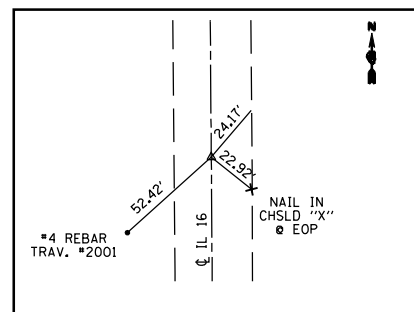
P.O.T. STA. 105+05.78
PK NAIL & B.C.
WITH CHSLD "X"



P.O.T. STA. 109+89.13
PK NAIL & B.C.
WITH CHSLD "X"



P.O.T. STA. 115+02.28
PK NAIL & B.C.
WITH CHSLD "X"



P.O.T. STA. 120+54.40
PK NAIL & B.C.
WITH CHSLD "X"

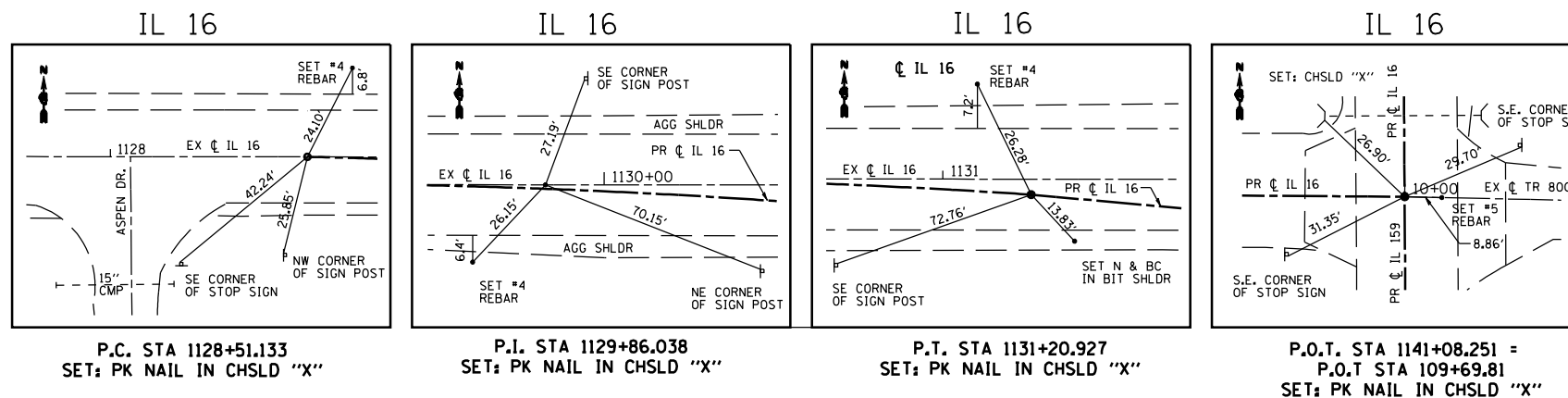
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
CROSS TIES & BENCHMARKS
FAP 325 (IL 16) & FAP 604 (IL 159)
SECTION 14R; 115RS-2; 116RS-4; 101RS-2
MACOUPIN COUNTY

SCALE: VERT. DRAWN BY
 HORIZ. CHECKED BY
DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	25
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* FAP 325 & FAP 604
 ** 14R; 115RS-2; 116RS-4; 101RS-2



BM WAS 3 : SET CHSLD "□" ON NORTH END OF CONC. PIPE 15" - UNDER FIELD ENT. STA. 36+40 IL-16 NAVD '88 = 646.043 FT.

BM WAS 4 : SET CHSLD "□" ON SOUTH END OF 2 x 15 CONC. HDWL. STA. 9+00 & 27' RT. (IL-16) NAVD '88 = 652.704 FT.

BM WAS 6 : FOUND CHSLD "□" ON WEST END OF 2 x 15 CONC. HDWL. STA. 9+84 & 19' LT. (AT INTERSECTION OF CAVENY RD.) NAVD '88 = 653.456 FT.

BM WAS 7 : SET CHSLD "□" ON EAST END OF 3 x 3 CULVERT STA. 1153+87 & 47' LT. (IL-159) NAVD '88 = 645.284 FT.

BM WAS 8 : SET CHSLD "□" ON WEST END OF 7 x 7 CULVERT STA. 1168+37 & 52' RT. (IL-159) NAVD '88 = 629.250 FT.

BM WAS 9 : SET CHSLD "□" ON WEST END OF 4 x 4 CULVERT STA. 1178+76 & 48.7' RT. (IL-159) NAVD '88 = 632.564 FT.

BM WAS 11 : FOUND CHSLD "□" ON NO. HDWL. OF CULV. FOR FIELD ENT. STA. 1194+68.7 & 34' LT. (S.E. QUAD. OF JCT. IL-159/TR700N) NAVD '88 = 640.665 FT.

BM 27B : 0.65 MI. - 60d NAIL SET IN W. SIDE UTIL. POLE (MJM ELEC. COOP #29375), 35' E. OF RT. 159 & 0.38 MI. N. OF INT. RT. 159 & PRARIE DELL RD. ELEV. = 640.458 STA. = 1174+56.5 ; OFF. = 40.2 LT.

BM 28B : 0.97 MI. - BOX CUT ON TOP W. CONC. HDWL. OF A 2' x 3' BOX CULVERT UNDER RT. 159, 25' W. OF RT. 4 & 0.08 MI. N. OF INT. RT. 159 & PRARIE DELL RD. ELEV. = 641.846 STA. = 1190+80 ; OFF. = 29.5 RT.

BM 29B : 1.31 MI. - TOP OF CONC. RT. 159 R.O.W. MARKER @ A FIELD LINE, 35' E. OF RT. 159 & 0.60 MI. N. OF INT. RT. 159 & ROLLO LN. ELEV. = 651.809 STA. = 1208+90.4 ; OFF. = 39.8 LT.

BM 30B : 1.70 MI. - 60d NAIL SET IN E. SIDE UTIL. POLE (NO*), 37' W. OF RT. 159 & 0.20 MI. N. OF INT. RT. 159 & ROLLO LN. ELEV. = 660.173 STA. = 1228+87.5 ; OFF. = 40.0 RT.

BM 31B : 2.03 MI. - 60d NAIL SET IN E. SIDE UTIL. POLE (NO*), 39' W. OF RT. 159 & 0.10 MI. S. OF INT. RT. 159 & ROLLO LN. ELEV. = 665.188 STA. = 1245+20.3 ; OFF. = 38.9 RT.

BM 32B : 2.39 MI. - IL. POWER CAP (IDOT #7000) 34' W. OF RT. 159 & 285' S. OF RT. 159 MILE MARKER 6.00 ELEV. = 662.574

BM 33B : 2.70 MI. - IL. POWER CAP (IDOT #103) 41' E. OF RT. 159 & 0.10 MI. S. OF INT. RT. 159 & FAHRENKROG RD. ELEV. = 658.710

BM 34B : 3.05 MI. - 60d NAIL SET IN E. SIDE UTIL. POLE (NO*), 48' W. OF RT. 159 & 230' N. OF INT. RT. 159 & MILES STATION RD. ELEV. = 658.571 STA. = 1296+69.8 ; OFF. = 48.5 RT.

BM 35B : 3.35 MI. - N.N.E. BONNET BOLT OF A FIRE HYDRANT W. OF RT. 159 & 170' N. OF RT. 159 MILE MARKER 5.00 ELEV. = 669.550 STA. = 113+02 ; OFF. = 50.9 RT.

BM 36B : 3.71 MI. - 60d NAIL SET IN E. SIDE UTIL. POLE (NO*), 40' W. OF RT. 159 & 0.40 MI. N. OF INT. RT. 159 & DETOUR RD. ELEV. = 663.792 STA. = 131+94 ; OFF. = 40.0 RT.

BM 37B : 4.09 MI. - 60d (SLIGHTLY BENT) NAIL SET IN W. SIDE UTIL. POLE (NO*), 40' W. OF RT. 159 & 260' N. OF INT. RT. 159 & DETOUR RD. (RESET NEW ELEV. 7/17/2001) ELEV. = 656.960

BM 38B : 4.40 MI. - IN BUNKER HILL, N.N.W. BONNET BOLT OF FIRE HYDRANT, 48' E. OF RT. 159 & 0.22 MI. N. OF NEW LAKE RD. @ RT. 159 MILE MARKER 4.00 ELEV. = 650.762 STA. = 166+61.8 ; OFF. = 48.2 LT.

BM 39B : 4.76 MI. - IN BUNKER HILL, RR SPIKE IN E. SIDE OF UTIL. POLE (NO*) @ S.W. QUAD. OF THE INT. OF RT. 159 & W. PLEASANT ST. EAST, W. OF RT. 159, 30' S. OF W. PLEASANT ST. EAST ELEV. = 637.095 STA. = 184+57.9 ; OFF. = 23.0 RT.

BM 40B : 0.0 MI. - IN BUNKER HILL, TOP IRON ROD WITH BRASS DISK FOUND ON THE TOP W. SIDE OF MARBLE LINCOLN MON. @ INT. RT. 159 (N. WASHINGTON ST.) & FAYETTE ST. EAST ELEV. = 668.013 STA. = 201+58.4 ; OFF. = 1.5 RT.

BM 41B : 0.03 MI. - IN BUNKER HILL, 60d NAIL SET IN E. SIDE OF UTIL. POLE (NO*), 25' W. OF RT. 159 (S. WASHINGTON ST.) & IN FRONT OF HOUSE #418 S. WASHINGTON ST. ELEV. = 640.040 STA. = 12+40 ; OFF. = 25.3 RT.

BM 42B : 0.06 MI. - IN BUNKER HILL, 60d NAIL SET IN E. SIDE OF UTIL. POLE (NO*), 25' W. OF RT. 159 (S. WASHINGTON ST.) & S. ALTON ST. EAST @ GRAVEL DRIVE TO LANDER'S FUNERAL HOME. ELEV. = 638.223 STA. = 28+72.4 ; OFF. = 36.3 RT.

BM 43B : 0.95 MI. - IN BUNKER HILL, 60d NAIL SET IN W. SIDE OF UTIL. POLE (*P15), 22' E. OF RT. 159 & 169' N. OF INT. RT. 159 & WORTH AVE., IN FRONT OF RED TOP INN ELEV. = 636.826 STA. = 45+64.5 ; OFF. = 22.0 LT.

BM 44B : 1.22 MI. - IN BUNKER HILL, 60d NAIL SET IN W. SIDE OF UTIL. POLE (NO*), E. OF RT. 159 & 0.18 MI. N. OF INT. RT. 159 & BARTHS LAKE RD. ELEV. = 636.144 STA. = 62+02.5 ; OFF. = 39.5 LT.

BM 45B : 1.55 MI. - IN BUNKER HILL, 60d NAIL SET IN W. SIDE OF UTIL. POLE (MJM ELEC. COOP #32161), E. OF RT. 159 & 0.18 MI. S. OF INT. RT. 159 & BARTHS LAKE RD. ELEV. = 633.021 STA. = 78+10.3 ; OFF. = 38.8 LT.

BM 46B : 1.8 MI. - BOX CUT ON TOP N.E. CORNER OF THE N. CONC. HDWL. OF A 15" RCP CULVERT UNDER A FARM ROAD, E. OF RT. 159 & 200' S. OF INT. RT. 159 & RUST RD. ELEV. = 630.008 STA. = 91+28 ; OFF. = 28.5 LT.

BM 48B : 2.50 MI. - 60d NAIL SET IN W. SIDE OF UTIL. POLE (MJM ELEC. COOP #32350), @ N.E. QUAD. INT. RT. 159 & A GRAVEL FARM RD. @ ADDRESS #799 RT. 159, E. OF RT. 159 & 0.35 MI. N. OF INT. RT. 159 & CATHOLIC SPRINGS RD. ELEV. = 621.253 STA. = 127+08 ; OFF. = 39.5 LT.

BM 49B : 2.75 MI. - 60d NAIL SET IN W. SIDE OF UTIL. POLE (MJM ELEC. COOP #32356), 40' E. OF RT. 159 & 0.11 MI. N. OF INT. RT. 159 & CATHOLIC SPRINGS RD. ELEV. = 619.808 STA. = 139+03 ; OFF. = 40.0 LT.

BM 50B : 3.05 MI. - BOX CUT ON TOP S.W. CORNER OF THE N. HDWL. OF A 12" RCP CULVERT UNDER A DIRT ROAD TO A FARM FIELD, 29' W. OF RT. 159 & 0.40 MI. N. OF MADISON/MACOUPIN CO. LINE, OPPOSITE ADDRESS #316 RT. 159 ELEV. = 616.594 STA. = 153+38.5 ; OFF. = 29.0 RT.

BM 51B : 3.35 MI. - 60d NAIL SET IN W. SIDE OF UTIL. POLE (MJM ELEC. COOP #32396), 70' E. OF RT. 159 & 0.10 MI. N. OF THE MADISON/MACOUPIN CO. LINE ELEV. = 606.835 STA. = 169+78.5 ; OFF. = 70.0 LT.

NOTE : BM 27B THROUGH BM 39B

MILEAGES AS SHOWN ARE ALONG IL-RT. 159 FROM THE INTERSECTION OF IL RT. 159/16 AND CAVENY RD. AT THE "Y" INTERSECTION ON IL RT. 16 AND IL RT. 159.

NOTE : BM 40B THROUGH BM 51B

MILEAGES AS SHOWN ARE SOUTH ALONG IL RT. 159 FROM THE LINCOLN MONUMENT IN THE CENTER OF BUNKER HILL.

SHEET 3 OF 3

ILLINOIS DEPARTMENT OF TRANSPORTATION
 CROSS TIES & BENCHMARKS
 FAP 325 (IL 16) & FAP 604 (IL 159)
 SECTION 14R; 115RS-2; 116RS-4; 101RS-2
 MACOUPIN COUNTY

SCALE: VERT. _____ DRAWN BY _____
 HORIZ. _____ CHECKED BY _____
 DATE _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	---	MACOUPIN	231	26
STA. _____		TO STA. _____		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

• FAP 325 (IL 16) & FAP 604 (IL 159)
 •• 14R; 115RS-2; 116RS-4; 101RS-2

SEEDING / SODDING

LOCATION	SODDING (SQ YD)	SUPPLEMENTAL WATERING (UNIT)	SEEDING CLASS 2 (ACRE)	MULCH, METHOD 2 (ACRE)	NITROGEN FERT NUTR (POUND)	PHOSPHORUS FERT NUTR (POUND)	POTASSIUM FERT NUTR (POUND)	AGR GROUND LIME (TON)
PART A								
NW QUAD AT "Y"			2.39	2.39	215.10	215.10	215.10	4.78
NE QUAD AT "Y"			0.38	0.38	34.20	34.20	34.20	0.76
SW QUAD AT "Y"			1.60	1.60	144.00	144.00	144.00	3.20
SE QUAD AT "Y"			0.26	0.26	23.40	23.40	23.40	0.52
PART B								
IL 159								
LT STA 187+50.00 TO STA 188+00.00	49.53	2.48			0.61	0.61	0.61	0.02
NORTH ST								
RT STA 10+40.00 TO STA 12+50.00	562.10	28.11			6.97	6.97	6.97	0.23
PART C								
IL 159								
LT STA 188+00.00 TO STA 188+50.00	64.37	3.22			0.80	0.80	0.80	0.03
LT STA 188+50.00 TO STA 189+60.00	145.83	7.29			1.81	1.81	1.81	0.06
LT STA 189+60.00 TO STA 190+50.00	116.89	5.84			1.45	1.45	1.45	0.05
LT STA 190+50.00 TO STA 191+50.00	150.00	7.50			1.86	1.86	1.86	0.06
LT STA 191+50.00 TO STA 192+50.00	152.54	7.63			1.89	1.89	1.89	0.06
LT STA 192+50.00 TO STA 193+50.00	232.34	11.62			2.88	2.88	2.88	0.10
LT STA 193+50.00 TO STA 195+00.00	248.67	12.43			3.08	3.08	3.08	0.10
LT STA 195+00.00 TO STA 197+20.00	405.03	20.25			5.02	5.02	5.02	0.17
LT STA 197+20.00 TO STA 198+20.00	172.83	8.64			2.14	2.14	2.14	0.07
LT STA 198+20.00 TO STA 199+25.00	129.69	6.48			1.61	1.61	1.61	0.05
RT STA 188+50.00 TO STA 192+00.00	213.45	10.67			2.65	2.65	2.65	0.09
RT STA 192+00.00 TO STA 194+80.00	436.56	21.83			5.41	5.41	5.41	0.18
RT STA 194+80.00 TO STA 197+00.00	437.26	21.86			5.42	5.42	5.42	0.18
RT STA 197+00.00 TO STA 198+20.00	194.46	9.72			2.41	2.41	2.41	0.08
RT STA 198+20.00 TO STA 199+40.00	199.18	9.96			2.47	2.47	2.47	0.08
LT STA 9+60.00 TO STA 11+15.00	336.06	16.80			4.17	4.17	4.17	0.14
LT STA 11+15.00 TO STA 11+50.00	51.98	2.60			0.64	0.64	0.64	0.02
LT STA 11+50.00 TO STA 12+00.00	114.09	5.70			1.41	1.41	1.41	0.05
LT STA 12+00.00 TO STA 12+50.00	71.79	3.59			0.89	0.89	0.89	0.03
LT STA 12+50.00 TO STA 13+25.00	172.05	8.60			2.13	2.13	2.13	0.07
LT STA 13+25.00 TO STA 15+00.00	387.46	19.37			4.80	4.80	4.80	0.16
LT STA 15+00.00 TO STA 16+50.00	334.20	16.71			4.14	4.14	4.14	0.14
LT STA 16+50.00 TO STA 18+00.00	302.70	15.14			3.75	3.75	3.75	0.13
LT STA 18+00.00 TO STA 19+50.00	288.96	14.45			3.58	3.58	3.58	0.12
LT STA 19+50.00 TO STA 20+00.00	47.42	2.37			0.59	0.59	0.59	0.02
LT STA 20+00.00 TO STA 20+40.00	71.93	3.60			0.89	0.89	0.89	0.03
LT STA 20+40.00 TO STA 21+00.00	108.89	5.44			1.35	1.35	1.35	0.04
LT STA 21+00.00 TO STA 22+40.00	280.92	14.05			3.48	3.48	3.48	0.12
LT STA 22+40.00 TO STA 24+50.00	517.01	25.85			6.41	6.41	6.41	0.21
LT STA 24+50.00 TO STA 26+00.00	307.58	15.38			3.81	3.81	3.81	0.13
LT STA 26+00.00 TO STA 27+50.00	391.82	19.59			4.86	4.86	4.86	0.16
LT STA 27+50.00 TO STA 28+80.00	233.38	11.67			2.89	2.89	2.89	0.10
LT STA 28+80.00 TO STA 30+00.00	171.25	8.56			2.12	2.12	2.12	0.07
RT STA 4+80.00 TO STA 6+40.00	279.03	13.95			3.46	3.46	3.46	0.12
RT STA 6+40.00 TO STA 7+50.00	182.08	9.10			2.26	2.26	2.26	0.08
RT STA 7+50.00 TO STA 8+10.00	94.24	4.71			1.17	1.17	1.17	0.04
RT STA 8+10.00 TO STA 9+60.00	285.03	14.25			3.53	3.53	3.53	0.12
RT STA 9+60.00 TO STA 10+80.00	202.60	10.13			2.51	2.51	2.51	0.08
RT STA 10+80.00 TO STA 11+80.00	208.41	10.42			2.58	2.58	2.58	0.09
RT STA 11+80.00 TO STA 12+10.00	50.94	2.55			0.63	0.63	0.63	0.02
RT STA 12+10.00 TO STA 12+80.00	129.82	6.49			1.61	1.61	1.61	0.05
RT STA 12+80.00 TO STA 13+15.00	52.44	2.62			0.65	0.65	0.65	0.02
RT STA 13+15.00 TO STA 13+90.00	158.78	7.94			1.97	1.97	1.97	0.07
RT STA 13+90.00 TO STA 15+30.00	271.55	13.58			3.37	3.37	3.37	0.11
RT STA 15+30.00 TO STA 16+50.00	220.94	11.05			2.74	2.74	2.74	0.09
RT STA 16+50.00 TO STA 17+00.00	64.19	3.21			0.80	0.80	0.80	0.03
RT STA 17+00.00 TO STA 18+00.00	182.64	9.13			2.26	2.26	2.26	0.08
RT STA 18+00.00 TO STA 22+00.00	760.31	38.02			9.43	9.43	9.43	0.31
RT STA 22+00.00 TO STA 22+75.00	64.39	3.22			0.80	0.80	0.80	0.03
RT STA 22+75.00 TO STA 24+70.00	490.13	24.51			6.08	6.08	6.08	0.20
RT STA 24+70.00 TO STA 26+00.00	403.16	20.16			5.00	5.00	5.00	0.17
RT STA 26+00.00 TO STA 27+00.00	603.40	30.17			7.48	7.48	7.48	0.25
RT STA 27+00.00 TO STA 28+50.00	312.13	15.61			3.87	3.87	3.87	0.13
ALTON								
LT STA 5+30.00 TO STA 7+95.00	630.43	31.52			7.82	7.82	7.82	0.26
LT STA 7+95.00 TO STA 8+60.00	98.67	4.93			1.22	1.22	1.22	0.04
	13,845.5	692.27	4.63	4.63	588.33	588.33	588.33	15.00

EARTHWORK SCHEDULE

LOCATION	EARTH EXCAVATION (CUT) (CU YD)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (CU YD)	EMBANKMENT (FILL) (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)	CUMULATIVE EXCESS (BORROW) (CU YD)	EARTH EXCAVATION (WIDENING) (CU YD)
PART A						
STAGE 1						
IL 16 (E-W PORTION)	90	68	401	-333	-333	290
IL 159 (N-S PORTION)	488	366	1032	-666	-999	574
TR 800						69
STAGE 2						
IL 16 (E-W PORTION)	684	513	720	-207	-1206	4
IL 159 (N-S PORTION)	4	3	184	-181	-1387	
STAGE 3						
IL 16 (E-W PORTION)	1,133	850	524	326	-1061	61
IL 159 (N-S PORTION)	6	4	147	-143	-1204	140
PART B						
IL 159						
STA 1221+33	443	332		332	-872	
PART C						
IL 159						
STA 187+50 TO STA 194+50	243	182	70	112	-760	114
STA 194+50 TO STA 199+36	460	345	10	335	-425	65
STA 5+00 TO STA 18+00	683	512	161	351	-74	
STA 18+00 TO STA 30+50	1,294	970	80	890	816	21
EAST ALTON	102	77	1	76	892	
WEST ALTON	321	241	52	189	1,081	
NORTH ST.	113	85	43	42	1,123	
TOTALS =	6,064	4,548	3,425	1,123		1,338

• - FOR CONSTRUCTION OF ENERGY DISSIPATING BASIN

TREE REMOVAL (OVER 15 UNITS DIAMETER)

LOCATION	OFFSET	QUANTITY (UNIT)
PART A		
IL 16 (E-W PORTION)		
LT STA 1139+42.00	39' LT	45
LT STA 1139+60.00	89' LT	38
LT STA 1139+61.00	61' LT	30
LT STA 1139+88.00	64' LT	18
LT STA 1140+12.00	45' LT	18
LT STA 1140+26.00	84' LT	24
LT STA 1140+34.00	60' LT	20
LT STA 1140+43.00	18' LT	36
LT STA 1140+62.00	59' LT	18
IL 159 (N-S PORTION)		
LT STA 108+06.00	37' LT	24
LT STA 108+55.00	37' LT	22
LT STA 112+04.00	52' LT	27
PART C		
IL 159		
RT STA 9+92.00	34' RT	17
RT STA 10+26.00	35' RT	16
RT STA 13+25.00	35' RT	24
LT STA 13+42.00	37' LT	31
		408

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SCHEDULE OF QUANTITIES
 FAP 325 (IL 16) & FAP 604 (IL 159)
 14R; 115RS-2; 116RS-4; 101RS-2
 MACOUPIN COUNTY
 SCALE: VERT. _____ DRAWN BY _____
 HORIZ. _____ CHECKED BY _____
 DATE _____

PLOT DATE = \$DATE\$
 FILE NAME = \$FILEL\$
 PLOT SCALE = \$SCALE\$
 USER NAME = \$USER\$

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	27
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

* FAP 325 (IL 16) & FAP 604 (IL 159)
 ** 14R; 115RS-2; 116RS-4; 101RS-2

CULVERT REMOVAL

LOCATION	PIPE / BOX SIZE	PIPE MATERIAL	PIPE CULV REM (FOOT)	PIPE CULV REM SPL (FOOT)	BOX CULV REM (FOOT)	CONC HDWL REM (EACH)	REMOVING INLETS (EACH)	CLSM (CU YD)
PART A								
IL 16 (E-W PORTION)								
LT STA 1134+80.12	24"	CMP	31.8					
LT STA 1137+85.00	2' x 1.5'	CONC			46.1	2		
STA 1139+00.00	2' x 1.5'	CONC			25.2	2		
IL 159 (N-S PORTION)								
RT STA 110+27.55	18"	CONC	30.7			2		
STA 109+89.00	2' x 1.5'	CONC				2		4.1
PART B								
RT STA 1221+67.08	24"	CMP	37.6					
RT STA 181+18.84	12"	CLAY	17.5			2		
LT STA 187+95.88	12"	CMP	21.1					
PART C								
IL 159								
LT STA 188+56.33	15"	CMP	50.5					
RT STA 188+81.56	12"	CLAY	18.7			2		
LT STA 189+63.92	12"	CONC	36.1			2		
LT STA 190+44.50	12"	CONC	41.2			2		
LT STA 192+43.97	12"	CONC	29.6			2		
LT STA 192+96.35	12"	CONC	21.5			1		
LT STA 193+53.40	12"	CONC	42.0					
LT STA 194+35.05	12"	CONC	37.2					
RT STA 194+79.07	12"	CLAY	47.0			2		
LT STA 194+87.06	12"	CONC	46.7			2		
RT STA 196+08.73	12"	CLAY	31.6			2		
RT STA 196+91.16	15"	CMP	44.0					
LT STA 197+16.47	12"	CMP	25.4					
LT STA 198+22.14	12"	CLAY	47.3					
RT STA 198+22.14	12"	CMP	46.3			2		
RT STA 199+36.59	12"	CONC	19.3			2		
RT STA 6+35.22	18"	CLAY	54.3			1		
RT STA 6+96.99	18"	CONC	33.7			2		
RT STA 7+48.88	18"	CONC	66.5				1	
RT STA 7+92.00	INLET							
RT STA 8+07.36	15"	CLAY	71.9			2		
RT STA 9+66.82	18"	CLAY	51.0			2		
RT STA 10+81.24	18"	CONC	50.4					
LT STA 11+17.29	18"	CLAY	18.5			2		
LT STA 11+49.00	18"	CLAY	18.9			2		
RT STA 11+36.20	18"	CONC	29.7					
RT STA 11+76.90	18"	CONC	26.8			2		
LT STA 12+03.92	18"	CLAY	18.8			2		
RT STA 12+09.88	18"	CLAY	18.5			2		
LT STA 12+48.12	18"	CLAY	18.6			2		
RT STA 12+78.00	24"	CONC	29.3					
RT STA 13+15.34	24"	CONC	21.8					
LT STA 13+25.01	18"	CLAY	18.6			2		
RT STA 13+90.18	24"	CLAY	18.5			2		
LT STA 14+95.00	24"	CLAY	24.2			2		
RT STA 15+32.04	24"	CLAY	26.2			2		
RT STA 15+87.14	24"	CMP	24.0					
LT STA 16+48.71	24"	CLAY	18.4			2		
RT STA 16+51.82	24"	CLAY	18.6					
RT STA 16+94.44	24"	CLAY	36.6					
LT STA 17+98.60	24"	CLAY	43.8			2		
RT STA 17+98.60	24"	CLAY	41.6			1		
LT STA 19+45.50	24"	CONC	39.7					
LT STA 19+89.85	24"	CLAY	40.5					
LT STA 20+44.24	24"	CLAY	18.4			2		
LT STA 21+03.89	24"	CLAY	18.4			2		
RT STA 22+02.26	24"	CONC	41.8					
LT STA 22+37.76	24"	CLAY	18.4			2		
RT STA 22+72.09	24"	CONC	41.8					
STA 23+75.00	5' x 2'	CONC				2		14.7
RT STA 24+18.40	36"	CONC	22.1			2		
LT STA 24+19.00	18"	CMP	32.0					
LT STA 24+68.75	15"	CMP	47.2					
LT STA 25+92.04	15"	CMP	53.0					
RT STA 25+92.52	48"	CONC	46.6					
STA 27+75.00	2' x 1.5'	CONC				2		4.9
RT STA 28+44.59	15"	CONC	37.3					
LT STA 28+84.03	12"	CONC	37.8					
ALTON								
LT STA 7+95.13	24"	STEEL	95.1					
LT STA 8+15.00	15"	CONC		10.0				
LT STA 8+62.05	36"	CMP	31.2					
RT STA 8+97.29	12"	CONC	23.3					
STA 10+32.44	15"	CONC	32.6					
RT STA 11+75.00	12"	CONC		60.0				
LT STA 11+16.86	12"	CONC	31.7					
PART D								
STA 33+90.20	12"	CLAY	33.2			2		
			2264.4	70.0	71.3	75	1	23.7

PAVEMENT REMOVAL

LOCATION	AREA (SQ YD)
PART A	
EAST LEG	
STA 1130+91.37 TO STA 1136+05.42	392.02
TEMP WIDENING	
STA 1133+10.42 TO STA 8+89.75	316.61
NORTH LEG	
STA 7+15.70 TO STA 13+59.03	1,563.79
TEMP WIDENING	
STA 111+95.83 TO STA 112+96.17	190.18
SOUTH LEG	
STA 1137+00.00 TO STA 1143+13.70	1,501.21
PART C	
IL 159	
STA 25+15.00 TO STA 25+45.00	93.33
ALTON ST	
STA 8+32.00 TO STA 9+87.40	631.72
STA 10+13.65 TO STA 10+79.00	170.65
	4,859.51

SAWING PAVEMENT (FULL DEPTH)

LOCATION	LENGTH (FOOT)
PART A	
EAST LEG	
STA 1130+91.37 TO STA 1137+00.00	608.63
STA 1137+00.00	29.80
NORTH LEG	
STA 13+08.00 TO STA 13+59.00	51.70
STA 13+08.00	9.20
SOUTH LEG	
STA 1142+44.70 TO STA 1143+09.20	68.20
STA 1137+00.00 TO STA 1143+13.70	11.60
	779.13

CURB & GUTTER

LOCATION	REMOVAL (FOOT)	CCC&G TY B-6, 18 (FOOT)
PART C		
MEDIAN SOUTH OF WARREN	179.0	99.0
	179.0	99.0

SIDEWALK

LOCATION	REMOVAL (SQ YD)	PCC SW 4" (SQ YD)
PART C		
STA 195+58.00 TO STA 195+62.00	25.77	25.77
STA 6+61.00 TO STA 6+65.00	29.41	29.41
STA 9+36.00 TO STA 9+40.00	37.27	37.27
STA 18+21.00 TO STA 18+25.00	32.76	32.76
STA 23+06.00 TO STA 24+49.00	432.66	
STA 23+06.00 TO STA 24+30.00		420.11
STA 27+04.00 TO STA 27+29.00	65.52	
	623.39	545.32

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ILLINOIS DEPARTMENT OF TRANSPORTATION
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 FAP 325 (IL 16) & FAP 604 (IL 159)
 14R; 115RS-2; 116RS-4; 101RS-2
 MACOUPIN COUNTY

SCALE: VERT. _____ HORIZ. _____
 DATE _____ DRAWN BY _____ CHECKED BY _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	28
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* FAP 325 (IL 16) & FAP 604 (IL 159)
 ** 14R; 115RS-2; 116RS-4; 101RS-2

INLET & PIPE PROTECTON

LOCATION	EACH
PART A	
IL 16 (E-W PORTION)	
LT STA 1127+60	1
RT STA 1127+90	1
RT STA 1128+20	1
LT STA 1135+10	1
IL 159 (N-S PORTION)	
LT STA 101+05	1
RT STA 109+25	1
RT STA 110+25	1
PART B	
NORTH ST	
RT STA 12+45	1
PART C	
IL 159	
RT STA 187+95	1
LT STA 188+20	1
LT STA 188+90	1
RT STA 189+00	1
LT STA 189+95	1
LT STA 190+75	1
LT STA 191+85	1
RT STA 192+25	1
LT STA 192+75	1
LT STA 193+80	1
RT STA 195+05	1
LT STA 195+20	1
RT STA 197+20	1
LT STA 197+40	1
LT STA 198+50	1
RT STA 198+50	1
LT STA 198+85	1
RT STA 6+00	1
RT STA 7+25	1
RT STA 7+85	1
RT STA 9+30	1
RT STA 10+55	1
LT STA 10+95	1
LT STA 11+35	1
RT STA 11+55	1
LT STA 11+85	1
RT STA 11+95	1
LT STA 12+25	1
RT STA 12+55	1
RT STA 12+95	1
LT STA 13+05	1
RT STA 13+70	1
LT STA 14+70	1
RT STA 15+10	1
RT STA 15+65	1
LT STA 16+30	1
RT STA 16+30	1
RT STA 16+70	1
LT STA 17+65	1
RT STA 17+65	1
LT STA 19+20	1
LT STA 19+60	1
LT STA 20+20	1
LT STA 20+80	1
RT STA 21+65	1
LT STA 22+10	1
LT STA 23+95	1
RT STA 24+35	1
LT STA 25+10	1
RT STA 25+30	1
LT STA 26+30	1
RT STA 28+75	1
LT STA 29+10	1
ALTON ST	
LT STA 5+50	1
LT STA 8+15	1
LT STA 8+90	1
RT STA 9+40	1
RT STA 10+65	1
LT STA 10+75	1
LT STA 11+40	1
TOTAL	68

TEMPORARY DITCH CHECKS

LOCATION	EACH
PART A	
IL 16 (E-W PORTION)	
LT STA 1129+00	1
RT STA 1129+00	1
LT STA 1131+00	1
RT STA 1131+00	1
LT STA 1133+00	1
RT STA 1133+00	1
RT STA 1135+00	1
LT STA 1137+00	1
RT STA 1137+00	1
LT STA 1139+00	1
RT STA 1139+00	1
IL 159 (N-S PORTION)	
LT STA 101+65	1
RT STA 101+65	1
LT STA 103+00	1
RT STA 103+00	1
LT STA 105+00	1
RT STA 105+00	1
LT STA 107+00	1
RT STA 107+00	1
LT STA 109+20	1
LT STA 110+50	1
LT STA 112+50	1
RT STA 112+50	1
LT STA 114+50	1
RT STA 114+50	1
LT STA 116+50	1
RT STA 116+50	1
LT STA 118+50	1
RT STA 118+50	1
PART B	
NORTH ST	
RT STA 11+25	1
PART C	
IL 159	
RT STA 193+50	1
LT STA 196+05	1
RT STA 196+05	1
LT STA 14+05	1
RT STA 14+40	1
LT STA 15+70	1
RT STA 19+00	1
RT STA 20+60	1
LT STA 26+75	1
RT STA 26+75	1
LT STA 27+90	1
RT STA 28+30	1
RT STA 29+50	1
ALTON ST	
RT STA 5+10	1
LT STA 6+10	1
LT STA 7+10	1
RT STA 8+75	1
TOTAL	47

RIPRAP

	FILTER FABRIC (SQ YD)	STONE DUMPED RIPRAP, CLASS A3 (TON)	STONE RIPRAP CLASS A4 (TON)	RIPRAP SLURRY (SQ YD)
PART B				
LT STA 1221+00	97		65	
RT STA 1221+00	216		188	216
PART C				
RT STA 25+50	70	35		
TOTAL	383	35	253	216

TEMPORARY EROSION CONTROL SEEDING

	DISTURBED AREA (ACRE)	SEED PER APPLICATION (LB)	NUMBER OF APPLICATIONS (EACH)	QUANTITY (LB)
PART A				
SEEDING	4.63	463	3	1,389
PART B				
SODDING	0.13	13	3	39
PART C				
SODDING	2.73	273	3	819
TOTAL				2,247

TREES

LOCATION	TREE, ACER SACCHARUM (SUGAR MAPLE), 2" CALIPER, BALLED & BURLAPPED (EACH)	TREE, FRAXINUS PENNSYLVANICA (GREEN ASH), 2" CALIPER, BALLED & BURLAPPED (EACH)	TREE, QUERCUS RUBRA (RED OAK), 2" CALIPER, BALLED & BURLAPPED (EACH)
PART A			
IL 16/159 NW QUADRANT	7	7	4
IL 16/159 SW QUADRANT	6	5	2
	13	12	6

PLOT DATE : #DATES
 FILE NAME : #FILE#
 PLOT SCALE : #SCALE#
 USER NAME : #USER#

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SCHEDULE OF QUANTITIES
 FAP 325 (IL 16) & FAP 604 (IL 159)
 14R; 115RS-2; 116RS-4; 101RS-2
 MACOUPIN COUNTY
 SCALE: VERT. DRAWN BY
 HORIZ. CHECKED BY
 DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	29
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* FAP 325 (IL 16) & FAP 604 (IL 159)
 ** 14R; 115RS-2; 116RS-4; 101RS-2

SUB-BASE GRANULAR MATERIAL, TYPE A 8"

LOCATION	LENGTH (FOOT)	WIDTH (FOOT)	AREA (SQ YD)
PART A			
IL 16 (E-W PORTION)			
RT STA 1128+51.13 TO STA 1137+00.00	848.87	2.75 & VAR	925.32
STA 1137+00.00 TO STA 1138+96.04	196.04	28	609.91
STA 1138+96.04 TO STA 1140+71.85	175.81	28 & VAR	854.28
IL 159 (N-S PORTION)			
LT STA 101+51.78 TO STA 105+69.75	417.97	2.75 & VAR	215.74
RT STA 103+00.00 TO STA 107+00.00	400.00	2.75 & VAR	126.38
LT STA 106+50.00 TO STA 108+98.26	248.26	10.64 TO 26.65	415.23
LT STA 108+98.26 TO STA 110+56.04	157.78	26.65 TO 26.27	464.52
LT STA 110+56.04 TO STA 113+48.31	292.27	26.27 TO 0	761.78
LT STA 113+79.78 TO STA 118+12.42	432.64	2.75 & VAR	298.91
PART C			
IL 159			
STA 0+01.26 TO STA 0+78.45	77.19	MEDIAN	77.72
			4,749.79

SUB-BASE GRANULAR MATERIAL, TYPE B

LOCATION	LENGTH (FOOT)	WIDTH (FOOT)	AREA (SQ YD)	DEPTH (INCH)	TONS
PART C					
ALTON ST					
STA 8+32.00 TO STA 9+87.40	155.40	VAR	705.48	4.00	160.69
STA 10+13.65 TO STA 10+79.00	65.35	VAR	346.67	4.00	78.96
					239.65

BITUMINOUS BASE COURSE SUPERPAVE 8"

LOCATION	LENGTH (FOOT)	WIDTH (FOOT)	AREA (SQ YD)
PART C			
ALTON ST			
STA 8+32.00 TO STA 9+87.40	155.40	VAR	652.95
STA 10+13.65 TO STA 10+79.00	65.35	VAR	323.16
			976.11

BITUMINOUS CONCRETE BASE COURSE WIDENING, SUPERPAVE 9 INCH

LOCATION	LENGTH (FOOT)	WIDTH (FOOT)	AREA (SQ YD)
PART A			
IL 16 (E-W PORTION)			
RT STA 1128+51.13 TO STA 1131+99.25	348.12	1 TO 6	92.77
IL 159 (N-S PORTION)			
LT STA 101+51.78 TO STA 105+69.75	417.97	1 & VAR	134.50
RT STA 103+00.00 TO STA 107+00.00	400.00	1 & VAR	48.61
LT STA 113+79.78 TO STA 114+19.35	39.57	1 TO 6	15.23
LT STA 115+59.14 TO STA 118+12.42	253.28	6 TO 1	82.95
PART C			
IL 159			
STA 0+01.26 TO STA 0+78.45	77.19	MEDIAN	77.72
			451.78

BITUMINOUS BASE COURSE SUPERPAVE 9"

LOCATION	LENGTH (FOOT)	WIDTH (FOOT)	AREA (SQ YD)
PART A			
IL 16 (E-W PORTION)			
RT STA 1131+99.25 TO STA 1135+50.50	351.25	6 TO 16.04	425.73
STA 1137+00.00 TO STA 1138+96.04	196.04	24.5	533.68
STA 1138+96.04 TO STA 1140+71.85	175.81	24.5 & VAR	804.40
IL 159 (N-S PORTION)			
LT STA 106+50.00 TO STA 108+98.26	248.26	8.89 TO 24.86	366.81
LT STA 108+98.26 TO STA 110+56.04	157.78	24.86 TO 24.52	433.32
LT STA 110+56.04 TO STA 112+08.68	152.64	24.52	416.22
LT STA 112+08.68 TO STA 113+32.00	123.32	24.52 TO 6	290.50
LT STA 114+19.35 TO STA 115+59.14	139.79	6 & VAR	116.60
			3,387.26

BITUMINOUS BASE COURSE SUPERPAVE 11"

LOCATION	LENGTH (FOOT)	WIDTH (FOOT)	AREA (SQ YD)
PART A			
IL 16 (E-W PORTION)			
LT STA 1134+57.81 TO STA 1136+82.76	224.95	6 & VAR	257.47
IL 159 (N-S PORTION)			
LT STA 112+08.68 TO STA 113+32.00	123.32	6 & VAR	182.64
PART C			
IL 159			
STA 25+15.00 TO STA 25+45.00	30.00	32	106.67
			546.78

BITUMINOUS CONCRETE BASE COURSE WIDENING, SUPERPAVE 11 INCH

LOCATION	LENGTH (FOOT)	WIDTH (FOOT)	AREA (SQ YD)
PART A			
IL 16 (E-W PORTION)			
LT STA 1133+09.96 TO STA 1134+57.81	147.85	1 TO 6	36.44
LT STA 1136+82.76 TO STA 1137+69.38	86.62	6 TO 1	22.70
IL 159 (N-S PORTION)			
LT STA 111+95.83 TO STA 112+13.15	17.32	0 TO 6	5.29
LT STA 113+32.00 TO STA 113+48.31	16.31	6 TO 0	4.60
PART C			
LT STA 188+25.00 TO STA 200+00.00	1,175.00	2.5	326.39
RT STA 188+25.00 TO STA 200+00.00	1,175.00	2.5	326.39
LT STA 24+89.00 TO STA 25+64.50	75.50	4	33.56
RT STA 24+82.50 TO STA 25+15.00	32.50	4	14.44
RT STA 25+45.00 TO STA 25+73.00	28.00	4	12.44
			782.25

PLOT DATE : #DATES
 FILE NAME : #FILE#
 PLOT SCALE : #SCALE#
 USER NAME : #USER#

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SCHEDULE OF QUANTITIES
 FAP 325 (IL 16) & FAP 604 (IL 159)
 14R; 115RS-2; 116RS-4; 101RS-2
 MACOUPIN COUNTY
 SCALE: VERT. DRAWN BY
 HORIZ. CHECKED BY
 DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	31
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* FAP 325 (IL 16) & FAP 604 (IL 159)
 ** 14R; 115RS-2; 116RS-4; 101RS-2

BITUMINOUS MATERIAL (PRIME COAT)

LOCATION	PAVEMENT WIDTH (FOOT)	LT SHLD WIDTH (FOOT)	QUANTITY (TONS)
PART A			
IL 16 (E-W PORTION)			
STA 1127+21.20 TO STA 1138+96.04	24		1.19
STA 1138+96.04 TO STA 1140+72.23	VAR		0.30
IL 159 (N-S PORTION)			
STA 119+12.12 TO STA 118+12.42	24		0.10
STA 118+12.42 TO STA 114+92.45	24 TO 32		0.38
STA 114+92.45 TO STA 112+52.12	32 TO 48		0.41
STA 112+52.12 TO STA 108+96.94	48		0.72
STA 108+96.94 TO STA 108+03.34	48 TO 36		0.17
STA 108+03.34 TO STA 101+51.77	36 TO 26		0.85
STA 101+51.77 TO STA 101+26.77	26		0.03
PART B			
STA 1149+43.64 AH TO STA 1154+95.82 BK	26		0.61
STA 1154+99.92 AH TO STA 1209+05.36	26		5.93
STA 1209+05.36 TO STA 1211+70.89	26	2.3 TO 13.5	0.38
STA 1211+70.89 TO STA 1213+90.00	26	13.5	0.37
STA 1213+90.00 TO STA 1214+40.00	26		0.05
STA 1214+40.00 TO STA 1216+50.35	26	13.5	0.35
STA 1216+50.35 TO STA 1219+22.83	26	13.5 TO 2.3	0.39
STA 1219+22.83 TO STA 1280+02.26 BK	26		6.67
STA 1280+11.77 AH TO STA 1293+48.10 BK	26		1.47
STA 1293+53.91 AH TO STA 1304+24.50 BK	26		1.18
STA 104+01.66 AH TO STA 188+25.00	26		9.25
PART C			
STA 188+25.00 TO STA 199+97.00	26		1.29
PARKING - FAYETTE (NW)	VAR		0.06
PARKING - FAYETTE (NE)	VAR		0.14
STA 199+97.00 TO STA 201+77.68	VAR		0.36
STA 201+77.68 TO STA 204+58.12	74		0.88
STA 204+58.12 TO STA 0+03.30	VAR		0.35
W WARREN ST	VAR		0.69
E WARREN ST	VAR		0.68
PARKING - WARREN (SW)	VAR		0.23
PARKING - WARREN (SE)	VAR		0.31
PARKING - NE PARK ST	VAR		0.12
STA 0+03.30 TO STA 0+49.00	36 TO 34		0.07
STA 0+49.00 TO STA 0+84.00	40.2 TO 31.3		0.05
STA 0+84.00 TO STA 1+61.62	31.3 TO 24		0.09
STA 1+61.62 TO STA 30+00.00	24		2.88
ALTON ST			0.37
PART D			
STA 30+00.00 TO STA 30+61.01 BK	24		0.06
STA 31+09.65 AH TO STA 51+64.30 BK	24		2.08
STA 53+55.92 AH TO STA 91+74.78 BK	24		3.87
STA 91+75.20 AH TO STA 106+20.58 BK	24		1.46
STA 106+24.40 AH TO STA 124+31.79 BK	24		1.83
STA 124+36.47 AH TO STA 165+49.56 BK	24		4.17
STA 165+56.00 AH TO STA 175+07.05	24		0.96
			53.80

AGGREGATE (PRIME COAT)

LOCATION	PAVEMENT WIDTH (FOOT)	LT SHLD WIDTH (FOOT)	QUANTITY (TONS)
PART A			
IL 16 (E-W PORTION)			
STA 1127+21.20 TO STA 1138+96.04	24		6.27
STA 1138+96.04 TO STA 1140+72.23	VAR		1.60
IL 159 (N-S PORTION)			
STA 119+12.12 TO STA 118+12.42	24		0.53
STA 118+12.42 TO STA 114+92.45	24 TO 32		1.99
STA 114+92.45 TO STA 112+52.12	32 TO 48		2.14
STA 112+52.12 TO STA 108+96.94	48		3.79
STA 108+96.94 TO STA 108+03.34	48 TO 36		0.87
STA 108+03.34 TO STA 101+51.77	36 TO 26		4.49
STA 101+51.77 TO STA 101+26.77	26		0.14
PART B			
STA 1149+43.64 AH TO STA 1154+95.82 BK	26		3.19
STA 1154+99.92 AH TO STA 1209+05.36	26		31.23
STA 1209+05.36 TO STA 1211+70.89	26	2.3 TO 13.5	2.00
STA 1211+70.89 TO STA 1213+90.00	26	13.5	1.92
STA 1213+90.00 TO STA 1214+40.00	26		0.29
STA 1214+40.00 TO STA 1216+50.35	26	13.5	1.85
STA 1216+50.35 TO STA 1219+22.83	26	13.5 TO 2.3	2.05
STA 1219+22.83 TO STA 1280+02.26 BK	26		35.13
STA 1280+11.77 AH TO STA 1293+48.10 BK	26		7.72
STA 1293+53.91 AH TO STA 1304+24.50 BK	26		6.19
STA 104+01.66 AH TO STA 188+25.00	26		48.67
PART C			
STA 188+25.00 TO STA 199+97.00	26		6.77
PARKING - FAYETTE (NW)	VAR		0.30
PARKING - FAYETTE (NE)	VAR		0.73
STA 199+97.00 TO STA 201+77.68	VAR		1.92
STA 201+77.68 TO STA 204+58.12	74		4.61
STA 204+58.12 TO STA 0+03.30	VAR		1.84
W WARREN ST	VAR		3.63
E WARREN ST	VAR		3.58
PARKING - WARREN (SW)	VAR		1.19
PARKING - WARREN (SE)	VAR		1.65
PARKING - NE PARK ST	VAR		0.63
STA 0+03.30 TO STA 0+49.00	36 TO 34		0.36
STA 0+49.00 TO STA 0+84.00	40.2 TO 31.3		0.28
STA 0+84.00 TO STA 1+61.62	31.3 TO 24		0.48
STA 1+61.62 TO STA 30+00.00	24		15.14
ALTON ST			1.95
PART D			
STA 30+00.00 TO STA 30+61.01 BK	24		0.33
STA 31+09.65 AH TO STA 51+64.30 BK	24		10.96
STA 53+55.92 AH TO STA 91+74.78 BK	24		20.37
STA 91+75.20 AH TO STA 106+20.58 BK	24		7.71
STA 106+24.40 AH TO STA 124+31.79 BK	24		9.64
STA 124+36.47 AH TO STA 165+49.56 BK	24		21.94
STA 165+56.00 AH TO STA 175+07.05	24		5.07
			283.14

PLOT DATE : #DATES
 FILE NAME : #FILEL#
 PLOT SCALE : #SCALE#
 USER NAME : #USER#

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SCHEDULE OF QUANTITIES
 FAP 325 (IL 16) & FAP 604 (IL 159)
 14R; 115RS-2; 116RS-4; 101RS-2
 MACOUPIN COUNTY
 SCALE: VERT. _____ DRAWN BY _____
 HORIZ. _____ CHECKED BY _____
 DATE _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	32
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

* FAP 325 (IL 16) & FAP 604 (IL 159)
 ** 14R; 115RS-2; 116RS-4; 101RS-2

LEVELING BINDER (MACHINE METHOD), SUPERPAVE N50

LOCATION	PAVEMENT WIDTH (FOOT)	THICKNESS (INCH)	QUANTITY (TONS)
PART A			
IL 16 (E-W PORTION)			
STA 1127+21.20 TO STA 1138+96.04	24	1	175.44
STA 1138+96.04 TO STA 1140+72.23	VAR	1	44.75
IL 159 (N-S PORTION)			
STA 119+12.12 TO STA 118+12.42	24	1	14.89
STA 118+12.42 TO STA 114+92.45	24 TO 32	1	55.75
STA 114+92.45 TO STA 112+52.12	32 TO 48	1	59.82
STA 112+52.12 TO STA 108+96.94	48	1	106.08
STA 108+96.94 TO STA 108+03.34	48 TO 36	1	24.46
STA 108+03.34 TO STA 101+51.77	36 TO 26	1	125.68
STA 101+51.77 TO STA 101+26.77	26	1	4.04
PART B			
STA 1149+43.64 AH TO STA 1154+95.82 BK	26	0.75	67.00
STA 1154+99.92 AH TO STA 1280+02.26 BK	26	0.75	1,516.95
STA 1280+11.77 AH TO STA 1293+48.10 BK	26	0.75	162.14
STA 1293+53.91 AH TO STA 1304+24.50 BK	26	0.75	129.90
STA 104+01.66 AH TO STA 188+25.00	26	0.75	1,022.03
PART C			
STA 188+25.00 TO STA 199+97.00	26	0.75	142.20
STA 199+97.00 TO STA 201+77.68	VAR	0.75	40.31
STA 201+77.68 TO STA 204+58.12	74	0.75	96.85
STA 204+58.12 TO STA 0+03.30	VAR	0.75	38.72
W WARREN ST	VAR	0.75	76.27
E WARREN ST	VAR	0.75	75.09
STA 0+03.30 TO STA 0+49.00	36 TO 34	0.75	7.46
STA 0+49.00 TO STA 0+84.00	40.2 TO 31.3	0.75	5.84
STA 0+84.00 TO STA 1+61.62	31.3 TO 24	0.75	10.02
STA 1+61.62 TO STA 30+00.00	24	0.75	317.90
PART D			
STA 30+00.00 TO STA 30+61.01 BK	24	0.75	6.83
STA 31+09.65 AH TO STA 51+64.30 BK	24	0.75	230.12
STA 53+55.92 AH TO STA 91+74.78 BK	24	0.75	427.71
STA 91+75.20 AH TO STA 106+20.58 BK	24	0.75	161.88
STA 106+24.40 AH TO STA 124+31.79 BK	24	0.75	202.43
STA 124+36.47 AH TO STA 165+49.56 BK	24	0.75	460.67
STA 165+56.00 AH TO STA 175+07.05	24	0.75	106.52
			5,915.75

BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE MIX "D", N50

LOCATION	PAVEMENT WIDTH (FOOT)	THICKNESS (INCH)	QUANTITY (TONS)
PART A			
IL 16 (E-W PORTION)			
STA 1127+21.20 TO STA 1138+96.04	24	2	350.89
STA 1138+96.04 TO STA 1140+72.23	VAR	2	89.51
IL 159 (N-S PORTION)			
STA 119+12.12 TO STA 118+12.42	24	2	29.78
STA 118+12.42 TO STA 114+92.45	24 TO 32	2	111.49
STA 114+92.45 TO STA 112+52.12	32 TO 48	2	119.63
STA 112+52.12 TO STA 108+96.94	48	2	212.16
STA 108+96.94 TO STA 108+03.34	48 TO 36	2	48.92
STA 108+03.34 TO STA 101+51.77	36 TO 26	2	251.36
STA 101+51.77 TO STA 101+26.77	26	2	8.09
PART B			
STA 1149+43.64 AH TO STA 1154+95.82 BK	26	1.5	134.00
STA 1154+99.92 AH TO STA 1280+02.26 BK	26	1.5	3,033.90
STA 1280+11.77 AH TO STA 1293+48.10 BK	26	1.5	324.28
STA 1293+53.91 AH TO STA 1304+24.50 BK	26	1.5	259.80
STA 104+01.66 AH TO STA 188+25.00	26	1.5	2,044.06
PART C			
STA 188+25.00 TO STA 199+97.00	26	1.5	284.41
STA 199+97.00 TO STA 201+77.68	VAR	1.5	80.61
STA 201+77.68 TO STA 204+58.12	74	1.5	193.69
STA 204+58.12 TO STA 0+03.30	VAR	1.5	77.44
W WARREN ST	VAR	1.5	152.55
E WARREN ST	VAR	1.5	150.18
STA 0+03.30 TO STA 0+49.00	36 TO 34	1.5	14.93
STA 0+49.00 TO STA 0+84.00	40.2 TO 31.3	1.5	11.68
STA 0+84.00 TO STA 1+61.62	31.3 TO 24	1.5	20.03
STA 1+61.62 TO STA 30+00.00	24	1.5	635.80
PART D			
STA 30+00.00 TO STA 30+61.01 BK	24	1.5	13.67
STA 31+09.65 AH TO STA 51+64.30 BK	24	1.5	460.24
STA 53+55.92 AH TO STA 91+74.78 BK	24	1.5	855.42
STA 91+75.20 AH TO STA 106+20.58 BK	24	1.5	323.77
STA 106+24.40 AH TO STA 124+31.79 BK	24	1.5	404.86
STA 124+36.47 AH TO STA 165+49.56 BK	24	1.5	921.33
STA 165+56.00 AH TO STA 175+07.05	24	1.5	213.03
			11,831.51

BITUMINOUS SHOULDERS SUPERPAVE

LOCATION	LT SHLD WIDTH	RT SHLD WIDTH	AVE DEPTH (INCH)	QUANTITY (TONS)
PART A				
IL 16 (E-W PORTION)				
STA 1129+00.00 TO STA 1129+50.00			7.50	
STA 1129+50.00 TO STA 1130+00.00			6.61	
STA 1130+00.00 TO STA 1130+50.00			5.45	
STA 1130+50.00 TO STA 1131+00.00			3.40	
STA 1131+00.00 TO STA 1135+00.00	3		2.25	16.80
STA 1135+00.00 TO STA 1137+00.00	3		5.25	19.60
PART B				
STA 1209+05.36 TO STA 1211+70.89	2.3 TO 13.5		2.25	29.37
STA 1211+70.89 TO STA 1213+90.00	13.5		2.25	41.41
STA 1214+40.00 TO STA 1216+50.35	13.5		2.25	39.76
STA 1216+50.35 TO STA 1219+22.83	13.5 TO 2.3		2.25	30.14
PART C				
FAYETTE (NW)		VAR	2.25	19.03
FAYETTE (NE)	VAR		2.25	45.83
WARREN (SW)		VAR	2.25	74.82
WARREN (SE)	VAR		2.25	103.73
LT STA 4+77.29 TO STA 6+14.15	VAR		2.25	39.54
				482.99

BITUMINOUS SHOULDERS SUPERPAVE 8"

LOCATION	LENGTH	LT SHLD WIDTH	RT SHLD WIDTH	AREA (SQ YD)
PART A				
IL 16 (E-W PORTION)				
STA 1127+21.20 TO STA 1129+00.00	178.80	3	3	119.20
STA 1129+00.00 TO STA 1137+00.00	800.00	3	3	266.67
STA 1137+00.00 TO STA 1138+96.04	196.04	3	3	130.69
STA 1138+96.04 TO STA 1140+15.81	119.77	4	3	93.15
IL 159 (N-S PORTION)				
STA 119+12.12 TO STA 114+92.45	419.67	3	3	279.78
STA 114+92.45 TO STA 110+56.04	436.41	4	3	339.43
STA 110+56.04 TO STA 110+25.58	30.46		3	10.15
STA 109+10.79 TO STA 107+90.38	120.41		3	40.14
STA 107+90.38 TO STA 101+26.77	663.61	3	3	442.41
STA 1149+43.64 TO STA 1149+69.07			3	8.48
IL 16 / IL 159 RADII				
NW RADIUS		4	4	37.48
SW RADIUS		4	4	44.99
NE RADIUS		4	4	34.39
SE RADIUS		4	4	34.14
PART C				
ALTON ST (NW RADIUS)			3	50.02
ALTON ST (NE RADIUS)			3	57.53
ALTON ST (SW RADIUS)			3	47.62
ALTON ST (SE RADIUS)			3	36.21
				2,072.48

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SCHEDULE OF QUANTITIES FAP 325 (IL 16) & FAP 604 (IL 159) 14R; 115RS-2; 116RS-4; 101RS-2 MACOUPIN COUNTY SCALE: VERT. DRAWN BY HORIZ. CHECKED BY DATE

PLOT DATE = #DATE#
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	---	MACOUPIN	231	33
STA. -----		TO STA. -----		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		

• FAP 325 (IL 16) & FAP 604 (IL 159)
 •• 14R; 115RS-2; 116RS-4; 101RS-2

BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N50

LOCATION	BINDER (TON)
PART A	
IL 16 (E-W PORTION) - STAGE 2	
STA 104+00.00 TO STA 104+50.00	44.48
STA 104+50.00 TO STA 105+00.00	87.06
STA 105+00.00 TO STA 105+50.00	118.35
STA 105+50.00 TO STA 106+00.00	121.48
STA 106+00.00 TO STA 106+50.00	92.72
STA 106+50.00 TO STA 107+00.00	40.53
IL 159 (N-S PORTION) - STAGE 2	
STA 1135+50.00 TO STA 1136+00.00	26.90
STA 1136+00.00 TO STA 1136+50.00	57.40
STA 1136+50.00 TO STA 1137+00.00	65.78
IL 159 (N-S PORTION) - STAGE 3	
STA 1131+00.00 TO STA 1131+50.00	6.48
STA 1131+50.00 TO STA 1132+00.00	8.19
STA 1132+00.00 TO STA 1132+50.00	9.86
STA 1132+50.00 TO STA 1133+00.00	14.62
STA 1133+00.00 TO STA 1133+50.00	17.01
STA 1133+50.00 TO STA 1134+00.00	15.83
STA 1134+00.00 TO STA 1134+50.00	20.78
STA 1134+50.00 TO STA 1134+80.12	15.56
STA 1134+80.12 TO STA 1135+00.00	12.01
STA 1135+00.00 TO STA 1135+50.00	53.24
STA 1135+50.00 TO STA 1136+00.00	61.79
STA 1136+00.00 TO STA 1136+50.00	38.85
TOTALS	928.92

AGGREGATE SHOULDERS, TYPE B

LOCATION	LT SHLD WIDTH (FOOT)	RT SHLD WIDTH (FOOT)	AVERAGE THICKNESS (INCH)	QUANTITY (TONS)
PART B				
STA 1149+43.64 AH TO STA 1154+95.82 BK	3.00	3.00	2.5	52.41
STA 1154+99.92 AH TO STA 1280+02.26 BK	3.00	3.00	2.5	1,186.56
STA 1280+11.77 AH TO STA 1293+48.10 BK	3.00	3.00	2.5	126.83
STA 1293+53.91 AH TO STA 1304+24.50 BK	3.00	3.00	2.5	101.61
STA 104+01.66 AH TO STA 188+25.00	3.00	3.00	2.5	799.44
PART C				
STA 199+40.27 TO STA 200+00.15		3.00	2.5	2.84
STA 3+36.30 TO STA 25+67.00	3.00	3.00	2.5	211.71
STA 28+66.00 TO STA 30+00.00	3.00	3.00	2.5	12.72
PART D				
STA 30+00.00 TO STA 30+61.01 BK	3.00	3.00	2.5	5.79
STA 31+09.65 AH TO STA 51+64.30 BK	3.00	3.00	2.5	195.00
STA 53+55.92 AH TO STA 91+74.78 BK	3.00	3.00	2.5	362.44
STA 91+75.20 AH TO STA 106+20.58 BK	3.00	3.00	2.5	137.18
STA 106+24.40 AH TO STA 124+31.79 BK	3.00	3.00	2.5	171.53
STA 124+36.47 AH TO STA 165+49.56 BK	3.00	3.00	2.5	390.36
STA 165+56.00 AH TO STA 175+07.05	3.00	3.00	2.5	90.26
				3,846.68

MANHOLES TO BE ADJUSTED

LOCATION	OFFSET	EACH
PART C		
ALTON STREET		
STA 9+68.72	4.21	1
		1

AGGREGATE SHOULDERS, TYPE B 6"

LOCATION	LT SHLD WIDTH	RT SHLD WIDTH	AREA (SQ YD)
PART A			
IL 16 (E-W PORTION)			
STA 1127+21.20 TO STA 1139+40.54	3.00	3.00	812.89
STA 1139+40.54 TO STA 1140+29.68		3.00	29.71
IL 159 (N-S PORTION)			
STA 119+12.12 TO STA 114+62.91	3.00	3.00	299.47
STA 114+62.91 TO STA 110+12.16		3.00	150.25
STA 109+24.22 TO STA 108+37.03		3.00	29.06
STA 108+37.03 TO STA 101+26.77	3.00	3.00	473.51
STA 1149+43.64 TO STA 1149+69.07		3.00	8.48
PART C			
STA 188+25.00 TO STA 199+40.27	3.00	3.00	743.51
			2,546.88

INLET SCHEDULE

#	LOCATION	INLETS TYPE A TY 8 GRATE (EACH)	RD INLET TYPE B TY 8 GRATE (EACH)
	PART C		
	IL 159		
A	LT STA 11+32.13	1	
B	RT STA 11+94.12	1	
C	RT STA 12+97.25	1	
D	RT STA 16+70.29		1
E	LT STA 19+63.31		1
F	RT STA 22+37.10		1
		3	3

FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS

LOCATION	OFFSET	QUANTITY (EACH)
PART A		
IL 16 (E-W PORTION)		
STA 1134+02.50	38.78	1
STA 1134+02.70	46.28	1
STA 1137+25.68	44.01	1
IL 159 (N-S PORTION)		
STA 109+18.42	40.00	1
STA 110+21.72	40.00	1
STA 113+52.88	-65.04	1
STA 116+00.00	-53.00	1
STA 117+00.00	-40.00	1
TR 800N		
STA 10+79.09	-15.00	1
STA 10+82.40	15.00	1
PART B		
IL 159		
STA 1221+00.00	40.00	1
STA 1221+00.00	75.00	1
STA 1221+18.65	-40.00	1
STA 1221+18.96	-55.00	1
STA 1221+65.00	-40.00	1
STA 1221+65.00	-55.00	1
STA 1221+70.00	40.00	1
STA 1221+70.00	75.00	1
		18

(BASED ON PROPOSED ALIGNMENT)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SCHEDULE OF QUANTITIES
 FAP 325 (IL 16) & FAP 604 (IL 159)
 14R; 115RS-2; 116RS-4; 101RS-2
 MACOUPIN COUNTY
 SCALE: VERT. _____ DRAWN BY _____
 HORIZ. _____ CHECKED BY _____
 DATE _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	35
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* FAP 325 (IL 16) & FAP 604 (IL 159)
 ** 14R; 115RS-2; 116RS-4; 101RS-2

PAVEMENT MARKING REMOVAL

LOCATION	# OF LINES	LENGTH (FOOT)	WIDTH (INCH)	AREA (SQ FT)
PART A				
PRIOR TO STAGE 2				
WHITE EDGE LINES				
IL 16 (E-W PORTION)				
STA 1133+65.52 TO STA 1136+05.42	1	239.90	5	99.96
STA 7+15.70 TO STA 8+89.75	1	174.10	5	72.54
YELLOW CENTERLINE				
IL 16 (E-W PORTION)				
STA 1133+65.52 TO STA 1136+05.42	2	479.80	5	199.92
STA 7+15.70 TO STA 8+89.75	2	348.10	5	145.04
AFTER STAGE 2				
WHITE EDGE LINES				
IL 16 (E-W PORTION)				
STA 1133+65.52 TO STA 1135+79.50	1	214.00	5	89.17
YELLOW CENTERLINE				
IL 16 (E-W PORTION)				
STA 1133+65.52 TO STA 1135+79.50	2	428.00	5	178.33
				784.96

TEMPORARY PAVEMENT MARKING - LINE 5"

LOCATION	LENGTH (FOOT)	# OF LINES	LENGTH (FOOT)
PART A			
PRIOR TO STAGE 2			
WHITE EDGE LINES			
IL 16 (E-W PORTION)			
STA 1133+65.52 TO STA 1136+05.42	248.50	2	497.00
LT STA 7+15.70 TO STA 8+89.75	174.00	1	174.00
RT STA 7+15.70 TO STA 8+19.96	104.20	1	104.20
IL 159 (N-S PORTION)			
LT STA 105+07.84 TO STA 106+50.11	142.30	1	142.30
LT STA 110+55.30 TO STA 111+97.13	212.50	1	212.50
YELLOW CENTERLINE			
IL 16 (E-W PORTION)			
STA 1133+65.52 TO STA 1136+05.42	248.50	2	497.00
STA 7+15.70 TO STA 12+64.56	554.25	2	1,108.50
AFTER STAGE 2			
WHITE EDGE LINES			
IL 16 (E-W PORTION)			
STA 1127+21.20 TO STA 1138+96.00	1,174.80	2	2,349.60
STA 1138+96.00 TO STA 1140+15.80	119.80	1	119.80
NW RADIUS	208.00	1	208.00
SW RADIUS	201.50	1	201.50
IL 159 (N-S PORTION)			
STA 119+12.12 TO STA 110+56.00	856.12	2	1,712.20
STA 110+56.00 TO STA 110+25.60	30.40	1	30.40
STA 109+10.80 TO STA 107+90.50	120.30	1	120.30
STA 107+90.50 TO STA 101+51.80	638.70	2	1,277.40
STA 101+51.80 TO STA 101+26.77	25.03	2	50.10
YELLOW CENTERLINE			
IL 16 (E-W PORTION)			
STA 1127+21.20 TO STA 1140+52.80	1,331.60	0.25	332.90
IL 159 (N-S PORTION)			
STA 119+12.12 TO STA 118+12.11	100.01	0.25	25.00
STA 118+12.11 TO STA 111+52.10	660.01	4	2,640.00
STA 111+52.10 TO STA 110+37.10	115.00	2	230.00
STA 109+26.80 TO STA 108+11.80	115.00	2	230.00
STA 108+11.80 TO STA 101+51.80	660.00	4	2,640.00
STA 101+51.80 TO STA 101+26.77	25.03	0.25	6.30
			14,909.00

TEMPORARY PAVEMENT MARKING - LINE 6"

LOCATION	LENGTH (FOOT)	# OF LINES	LENGTH (FOOT)
PART A			
WHITE TURN LANES			
IL 159 (N-S PORTION)			
STA 114+92.50 TO STA 112+52.10	240.40	0.25	60.10
STA 112+52.10 TO STA 110+37.10	215.00	1	215.00
STA 113+32.10 TO STA 111+52.10	180.00	0.25	45.00
STA 111+52.10 TO STA 110+37.10	115.00	1	115.00
STA 109+26.80 TO STA 108+11.80	115.00	1	115.00
STA 108+11.80 TO STA 106+31.80	180.00	0.25	45.00
			595.10

TEMPORARY PAVEMENT MARKING - LINE 8"

LOCATION	LENGTH (FOOT)
PART A	
PRIOR TO STAGE 2	
WHITE - ISLAND	
IL 16 (E-W PORTION)	
STA 12+69.95 TO STA 13+96.01	278.30
	278.30

TEMPORARY PAVEMENT MARKING - LINE 12"

LOCATION	LENGTH (FOOT)	LENGTH (FOOT)
PART A		
PRIOR TO STAGE 2		
WHITE - ISLAND CHEVRONS		
IL 16 (E-W PORTION)		
STA 12+69.95 TO STA 13+96.01		129.80
PART A		
AFTER STAGE 2		
YELLOW MEDIAN CHEVRONS		
IL 159 (N-S PORTION)		
NORTH OF IL 16 (MEDIAN)	131.90	131.90
SOUTH OF IL 16 (MEDIAN)	96.30	96.30
		358.00

TEMPORARY PAVEMENT MARKING - LINE 24"

LOCATION	LENGTH (FOOT)
PART A	
WHITE STOP BARS	
IL 16 (E-W PORTION)	
STA 12+64.56	56.80
WHITE STOP BARS	
IL 16 (E-W PORTION)	
STA 1140+52.80	24.80
TR 800 (ACROSS FROM IL 16)	
STA 10+40.00	12.10
	93.70

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SCHEDULE OF QUANTITIES
 FAP 325 (IL 16) & FAP 604 (IL 159)
 14R; 115RS-2; 116RS-4; 101RS-2
 MACOUPIN COUNTY
 SCALE: VERT. _____ DRAWN BY _____
 HORIZ. _____ CHECKED BY _____
 DATE _____

PLOT DATE = \$DATE\$
 FILE NAME = \$FILEL\$
 PLOT SCALE = \$SCALE\$
 USER NAME = \$USER\$

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	37
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* FAP 325 (IL 16) & FAP 604 (IL 159)
 ** 14R; 115RS-2; 116RS-4; 101RS-2

PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"

LOCATION	LENGTH (FOOT)	# OF LINES	LENGTH (FOOT)
PART A			
WHITE TURN LANES			
IL 159 (N-S PORTION)			
STA 114+92.50 TO STA 112+52.10	240.40	0.25	60.10
STA 112+52.10 TO STA 110+37.10	215.00	1	215.00
STA 113+32.10 TO STA 111+52.10	180.00	0.25	45.00
STA 111+52.10 TO STA 110+37.10	115.00	1	115.00
STA 109+26.80 TO STA 108+11.80	115.00	1	115.00
STA 108+11.80 TO STA 106+31.80	180.00	0.25	45.00
PART C			
WHITE CROSSWALKS			
FAYETTE			325.00
WARREN			582.80
			1,502.90

PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 12"

LOCATION	LENGTH (FOOT)	LENGTH (FOOT)
PART A		
YELLOW CENTERLINE		
IL 159 (N-S PORTION)		
NORTH OF IL 16 (MEDIAN)	131.90	131.90
SOUTH OF IL 16 (MEDIAN)	96.30	96.30
PART C		
YELLOW DIAGONALS		
MEDIAN NORTH OF FAYETTE		23.80
MEDIAN SOUTH OF WARREN		20.40
		272.40

PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24"

LOCATION	LENGTH (FOOT)
PART A	
WHITE STOP BARS	
IL 16 (E-W PORTION)	
STA 1140+52.80	24.80
TR 800 (ACROSS FROM IL 16)	
STA 10+40.00	12.10
PART C	
IL 159	
STA 204+40.00	16.0
STA 0+20.00	14.8
E FAYETTE	18.6
W FAYETTE	14.2
E WARREN	20.0
W WARREN	19.6
	140.10

THERMOPLASTIC PAVEMENT MARKING - LINE 12"

LOCATION	LENGTH (FOOT)	LENGTH (FOOT)
PART C		
WHITE DIAGONALS LINES / PARKING		
WARREN TO FAYETTE	1,280.40	1,280.40
		1,280.40

PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS AND SYMBOLS

LOCATION	QUANTITY (SQ FT)
PART A	
WHITE TURN ARROWS	
IL 159 (N-S PORTION)	
STA 108+09.00 LEFT	15.6
STA 109+09.00 LEFT	15.6
STA 110+55.00 LEFT	15.6
STA 110+56.00 RIGHT	15.6
STA 111+50.00 LEFT	15.6
STA 111+56.00 RIGHT	15.6
STA 112+56.00 RIGHT	15.6
	109.2

THERMOPLASTIC PAVEMENT MARKING - LINE 5"

LOCATION	LENGTH (FOOT)	# OF LINES	LENGTH (FOOT)
PART A			
WHITE EDGE LINES			
IL 16 (E-W PORTION)			
NW RADIUS	208.00	1	208.00
SW RADIUS	201.50	1	201.50
IL 159 (N-S PORTION)			
STA 119+12.12 TO STA 110+56.00	856.12	2	1,712.20
STA 110+56.00 TO STA 110+25.60	30.40	1	30.40
STA 109+10.80 TO STA 107+90.50	120.30	1	120.30
STA 107+90.50 TO STA 101+51.80	638.70	2	1,277.40
YELLOW CENTERLINE			
IL 16 (E-W PORTION)			
STA 1140+15.80 TO STA 1140+52.80	37.00	0.25	9.30
IL 159 (N-S PORTION)			
STA 119+12.12 TO STA 118+12.11	100.01	0.25	25.00
STA 118+12.11 TO STA 111+52.10	660.01	4	2,640.00
STA 111+52.10 TO STA 110+37.10	115.00	2	230.00
STA 109+26.80 TO STA 108+11.80	115.00	2	230.00
STA 108+11.80 TO STA 101+51.80	660.00	4	2,640.00
PART B			
WHITE EDGE LINES			
STA 176+00.00 TO STA 188+25.00	1,225.00	2	2,450.00
PART C			
WHITE EDGE LINES			
STA 188+25.00 TO STA 200+00.00	1,175.00	2	2,350.00
STA 200+00.00 TO STA 201+30.00	145.00	2	290.00
STA 0+00.00 AH TO STA 30+00.00	3,000.00	2	6,000.00
YELLOW CENTERLINE			
STA 199+94.20 TO STA 201+26.00	145.00	2	290.00
STA 201+59.00 (AROUND STATLE)	71.00	1	71.00
STA 0+00.00 AH TO STA 0+99.00	110.00	2	220.00
STA 18+79.00 TO STA 24+14.00	535.00	1.25	668.80
STA 24+14.00 TO STA 30+00.00	586.00	2	1,172.00
WHITE PARKING			
FAYETTE TO WARREN	1,766.80		1,766.80
PART D			
WHITE EDGE LINES			
STA 30+00.00 TO STA 30+61.01 BK	61.01	2	122.00
STA 31+09.65 AH TO STA 51+64.30 BK	2,054.65	2	4,109.30
STA 53+55.92 AH TO STA 55+50.00	194.08	2	388.20
YELLOW CENTERLINE			
STA 30+00.00 TO STA 30+61.01 BK	61.01	2	122.00
STA 31+09.65 AH TO STA 31+42.00	32.35	2	64.70
STA 31+42.00 TO STA 35+12.00	370.00	1.25	462.50
			29,871.40

PLOT DATE : #DATES
 FILE NAME : #FILEL#
 PLOT SCALE : #SCALE#
 USER NAME : #USER#

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SCHEDULE OF QUANTITIES
 FAP 325 (IL 16) & FAP 604 (IL 159)
 14R; 115RS-2; 116RS-4; 101RS-2
 MACOUPIN COUNTY
 SCALE: VERT. DRAWN BY
 HORIZ. CHECKED BY
 DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	38

FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT

* FAP 325 (IL 16) & FAP 604 (IL 159)
 ** 14R; 115RS-2; 116RS-4; 101RS-2

SIGNS

LOCATION	SIGN PANEL TYPE 1 (SQ FT)	SIGN PANEL TYPE 2 (SQ FT)	SIGN PANEL TYPE 3 (SQ FT)	TELESCOPING STEEL SIGN SUPPORT (FOOT)	
PART A					
IL 16 (E-W PORTION)					
LT STA 1132+75.00	W3-1a (3636)	9.00		15	
RT STA 1132+75.00	W3-1a (3636)	9.00		15	
LT STA 1134+00.00	R2-1(3036)	7.50		15	
RT STA 1134+50.00	M2-1(2115)	2.19		15	
RT STA 1134+50.00	M1-1100(2424)	4.00			
RT STA 1136+50.00	M3-2(2412)	2.00		15	
RT STA 1136+50.00	M1-1100(2424)	4.00			
RT STA 1136+50.00	M5-1L(2115)	2.19			
RT STA 1136+50.00	M3-3(2412)	2.00			
RT STA 1136+50.00	M1-1100(2424)	4.00			
RT STA 1136+50.00	M5-1R(2115)	2.19			
LT STA 1137+00.00	SIGN001		16.25	30	
LT STA 1138+00.00	M3-4(2412)	2.00		15	
LT STA 1138+00.00	M1-1100(2424)	4.00			
RT STA 1138+00.00	SIGN002		16.25	30	
RT STA 1140+50.00	R1-1(3636)	9.00		15	
RT STA 1140+50.00	R1-1100(3018)	3.75			
LT STA 10+50.00	R1-1(3636)	9.00		15	
LT STA 10+50.00	R1-1100(3018)	3.75			
RT STA 10+50.00	M3-2(2412)	2.00		15	
RT STA 10+50.00	M1-1100(2424)	4.00			
RT STA 10+50.00	M6-1L(2115)	2.19			
RT STA 10+50.00	M3-3(2412)	2.00			
RT STA 10+50.00	M1-1100(2424)	4.00			
RT STA 10+50.00	M6-1R(2115)	2.19			
IL 159 (N-S PORTION)					
RT STA 104+25.00	M2-1(2115)	2.19		15	
RT STA 104+25.00	M1-1100(2424)	4.00			
LT STA 105+00.00	R2-1(3036)	7.50		15	
RT STA 106+25.00	SIGN003		21.00	30	
LT STA 106+50.00	SIGN004		17.50	30	
LT STA 107+50.00	M3-3(2412)	2.00		15	
LT STA 107+50.00	M1-1100(2424)	4.00			
RT STA 109+10.00	M3-4(2412)	2.00		15	
RT STA 109+10.00	M1-1100(2424)	4.00			
RT STA 109+10.00	M6-1L(2115)	2.19			
RT STA 109+10.00	M3-2(2412)	2.00			
RT STA 109+10.00	M1-1100(2424)	4.00			
RT STA 109+10.00	M6-3(2115)	2.19			
RT STA 109+10.00	M4-6(2412)	2.00			
RT STA 109+10.00	M1-1100(2424)	4.00			
LT STA 110+50.00	M3-3(2412)	2.00		15	
LT STA 110+50.00	M1-1100(2424)	4.00			
LT STA 110+50.00	M6-3(2115)	2.19			
LT STA 110+50.00	M3-4(2412)	2.00			
LT STA 110+50.00	M1-1100(2424)	4.00			
LT STA 110+50.00	M6-1R(2115)	2.19			
RT STA 112+00.00	M3-2(2412)	2.00		15	
RT STA 112+00.00	M1-1100(2424)	4.00			
RT STA 114+00.00	SIGN005		14.38	30	
LT STA 114+75.00	SIGN006			30	
RT STA 115+50.00	R2-1(3036)	7.50		15	
LT STA 116+75.00	M3-3(2412)	2.00		15	
LT STA 116+75.00	M1-1100(2424)	4.00			
LT STA 116+75.00	M6-3(2115)	2.19			
LT STA 116+75.00	M3-4(2412)	2.00			
LT STA 116+75.00	M1-1100(2424)	4.00			
LT STA 116+75.00	M5-1R(2115)	2.19			
LT STA 119+00.00	M2-1(2115)	2.19		15	
LT STA 119+00.00	M1-1100(2424)	4.00			
		190.47	85.38	28.69	450

RAISED REFLECTIVE PAVEMENT MARKER

LOCATION	LENGTH (FOOT)	COLOR	# OF LINES	SPACING	QUANTITY (EACH)
PART A					
CENTERLINE					
IL 16 (E-W PORTION)					
STA 1127+21.20 TO STA 1140+52.80	1,331.60	AMBER	1	80	17
IL 159 (N-S PORTION)					
STA 119+12.12 TO STA 118+12.11	100.01	AMBER	1	80	2
STA 118+12.11 TO STA 111+52.10	660.01	AMBER	2	80	18
STA 111+52.10 TO STA 110+37.10	115.00	AMBER	1	80	2
STA 109+26.80 TO STA 108+11.80	115.00	AMBER	1	80	2
STA 108+11.80 TO STA 101+51.80	660.00	AMBER	2	80	18
STA 101+51.80 TO STA 101+26.77	25.03	AMBER	1	80	1
LEFT TURN LANE					
STA 111+52.10 TO STA 110+37.10	115.00	CRYSTAL	1	40	3
STA 109+26.80 TO STA 108+11.80	115.00	CRYSTAL	1	40	3
RIGHT TURN LANE					
STA 112+52.10 TO STA 110+37.10	215.00	CRYSTAL	1	40	6
PART B					
CENTERLINE					
STA 1149+43.64 AH TO STA 1154+95.82 BK	552.18	AMBER	1	80	7
STA 1154+99.92 AH TO STA 1280+02.26 BK	12,502.34	AMBER	1	80	157
STA 1280+11.77 AH TO STA 1293+48.10 BK	1,336.33	AMBER	1	80	17
STA 1293+53.91 AH TO STA 1304+24.50 BK	1,070.59	AMBER	1	80	14
STA 104+01.66 AH TO STA 188+25.00	8,423.34	AMBER	1	80	106
PART C					
CENTERLINE					
STA 188+25.00 TO STA 199+94.20	1,169.20	AMBER	1	80	15
STA 199+94.20 TO STA 201+26.00	131.80	AMBER	2	80	4
STA 0+00.00 TO STA 0+99.00	99.00	AMBER	2	80	4
STA 0+99.00 TO STA 30+00.00	2,901.00	AMBER	1	80	37
PART D					
CENTERLINE					
STA 30+00.00 TO STA 30+61.01 BK	61.01	AMBER	1	80	1
STA 31+09.65 AH TO STA 51+64.30 BK	2,054.65	AMBER	1	80	26
STA 53+55.92 AH TO STA 91+74.78 BK	3,818.86	AMBER	1	80	48
STA 91+75.20 AH TO STA 106+20.58 BK	1,445.38	AMBER	1	80	19
STA 106+24.40 AH TO STA 124+31.79 BK	1,807.39	AMBER	1	80	23
STA 124+36.47 AH TO STA 165+49.56 BK	4,113.09	AMBER	1	80	52
STA 165+56.00 AH TO STA 175+07.05	951.05	AMBER	1	80	12
					614

PLOT DATE : #DAYS
 FILE NAME : #FILEL#
 PLOT SCALE : #SCALE#
 USER NAME : #USER#

REVISIONS	
NAME	DATE

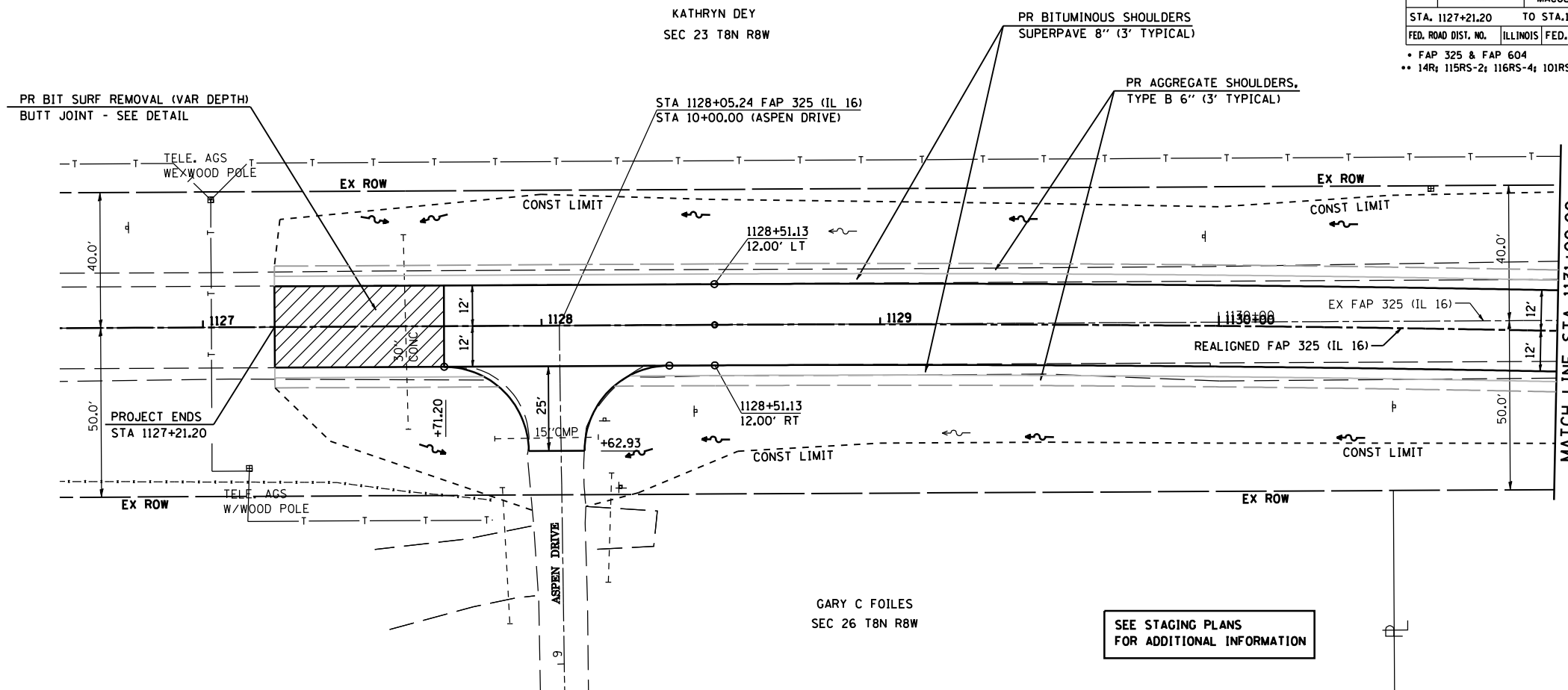
ILLINOIS DEPARTMENT OF TRANSPORTATION
SCHEDULE OF QUANTITIES
 FAP 325 (IL 16) & FAP 604 (IL 159)
 14R; 115RS-2; 116RS-4; 101RS-2
 MACOUPIN COUNTY
 SCALE: VERT. _____ DRAWN BY _____
 HORIZ. _____ CHECKED BY _____
 DATE _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	39
STA. 1127+21.20		TO STA. 1131+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• FAP 325 & FAP 604 ** 14R; 115RS-2; 116RS-4; 101RS-2				



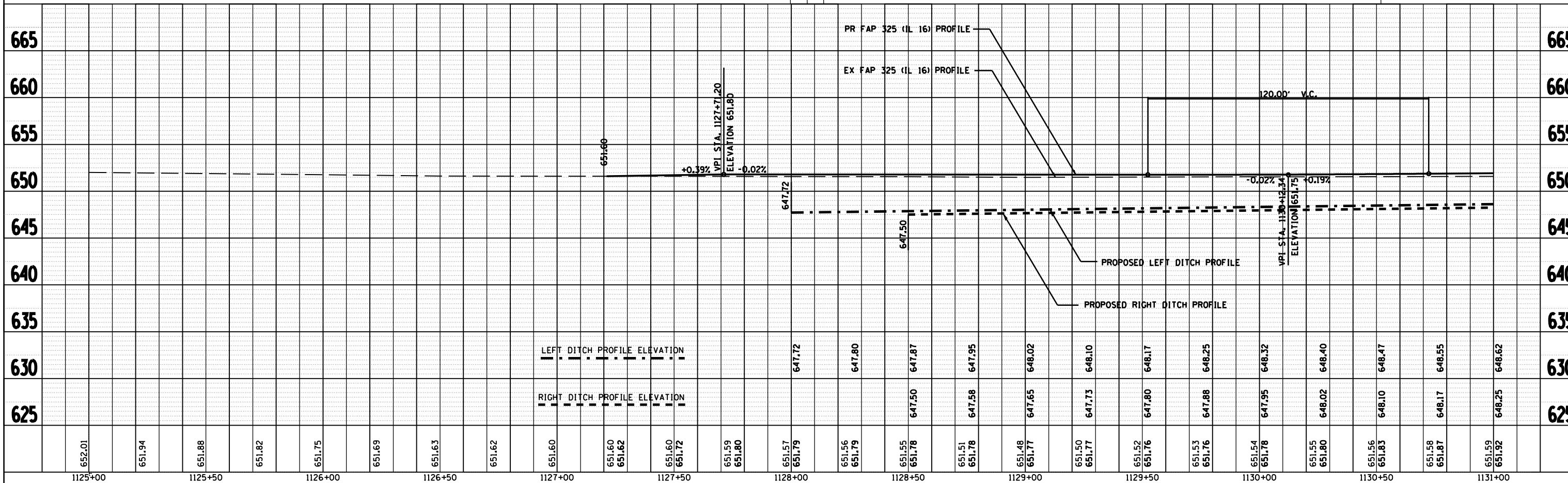
PLAN	SURVEYED	BY	DATE
	NOTED		
	CHECKED		
	BY		
	NO.		

PROP. CURVE 30001
 PI STA. = 1129+86.04
 $\Delta = 1^\circ 32' 45''$ (RT)
 $D = 0^\circ 34' 23''$
 $R = 10,000.00'$
 $T = 134.91'$
 $L = 269.79'$
 $E = 0.91'$
 $e = \text{NORMAL CROWN}$
 $T.R. = N/A$
 $S.E. \text{ RUN} = N/A$
 $P.C. \text{ STA} = 1128+51.13$
 $P.T. \text{ STA} = 1131+20.93$



PROFILE	SURVEYED	BY	DATE
	NOTED		
	CHECKED		
	BY		
	NO.		

PLOT DATE = #DATES
 FILE NAME = #FILES
 PLOT SCALE = #SCALES
 USER NAME = #USERS



SEE STAGING PLANS FOR ADDITIONAL INFORMATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	40
STA. 1131+00		TO STA. 1137+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* FAP 325 & FAP 604 ** 14R 115R5-2; 116R5-4; 101R5-2				

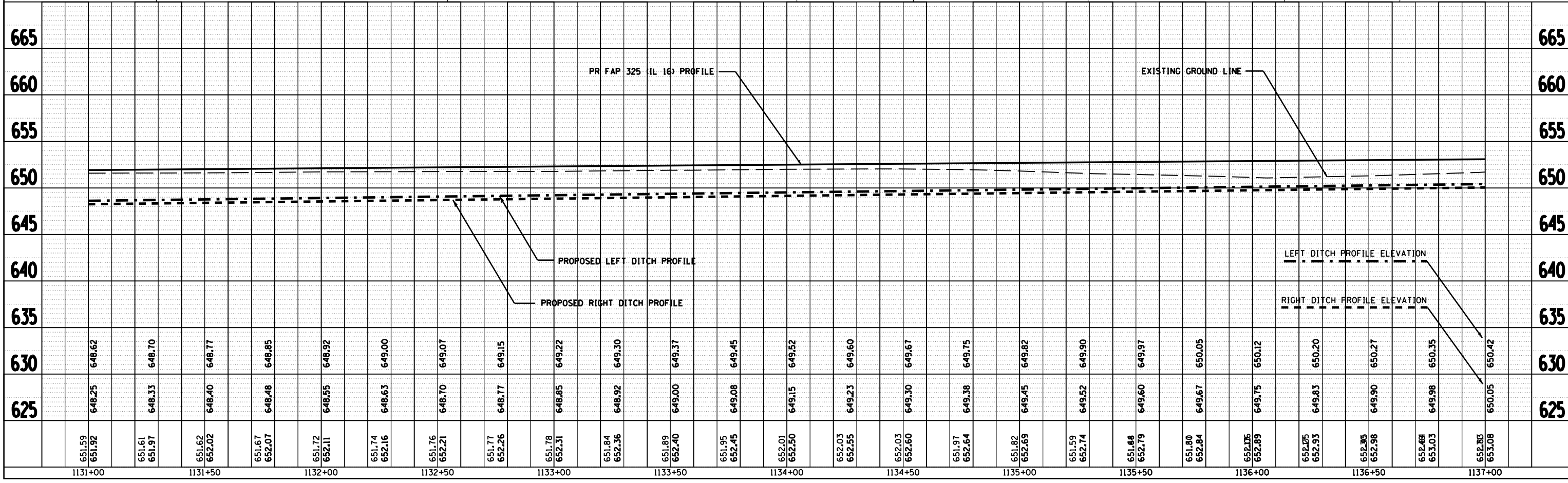
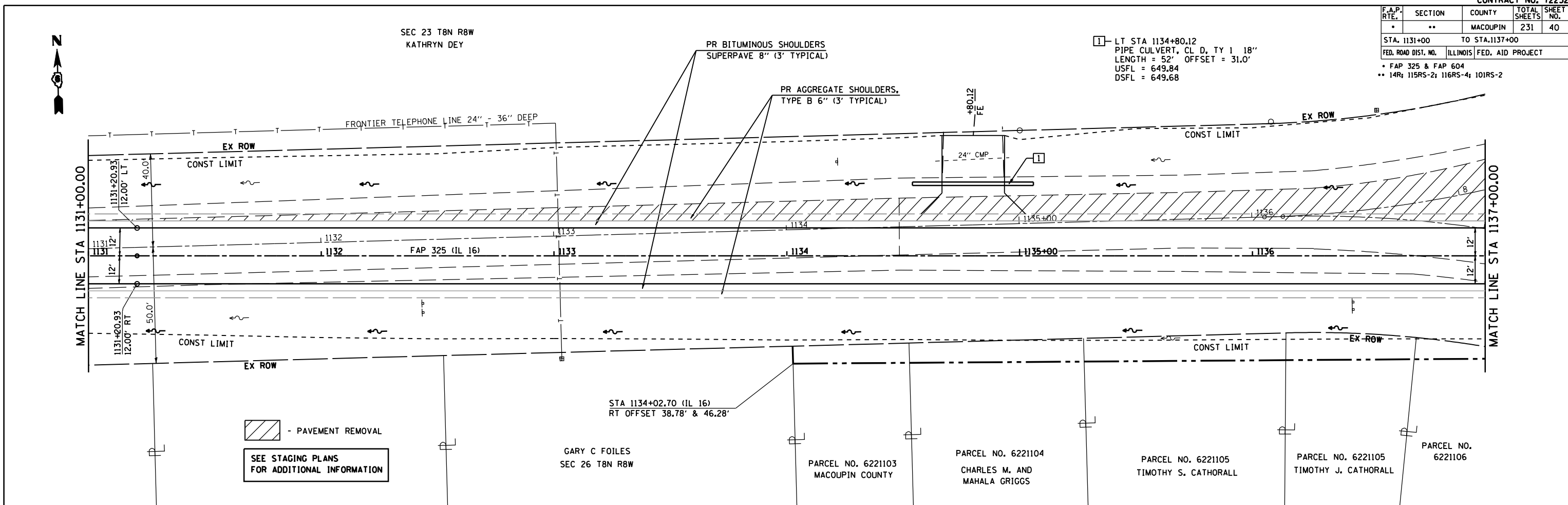
SEC 23 T8N R8W
KATHRYN DEY

1- LT STA 1134+80.12
PIPE CULVERT, CL D, TY 1 18"
LENGTH = 52' OFFSET = 31.0'
USFL = 649.84
DSFL = 649.68

PLAN	DATE
SURVEYED	
NOTED	
BY	
NO.	

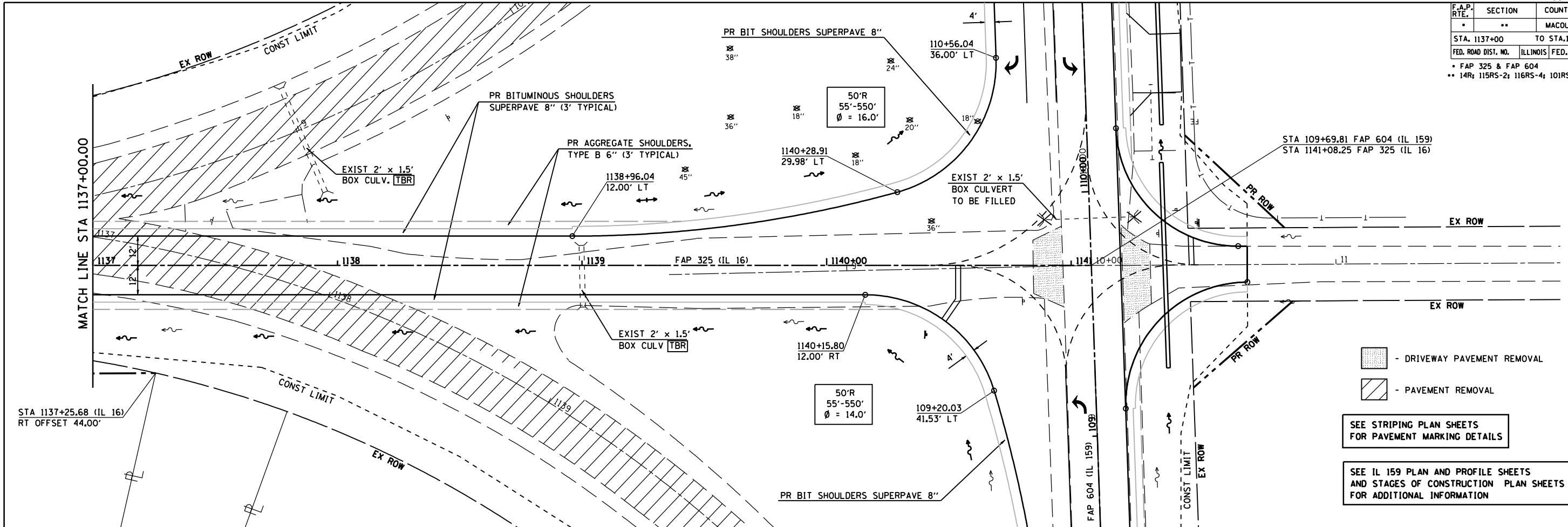
PROFILE	DATE
SURVEYED	
NOTED	
BY	
NO.	

PLOT DATE = #DATES
FILE NAME = #FILES
PLOT SCALE = #SCALES
USER NAME = #USERS



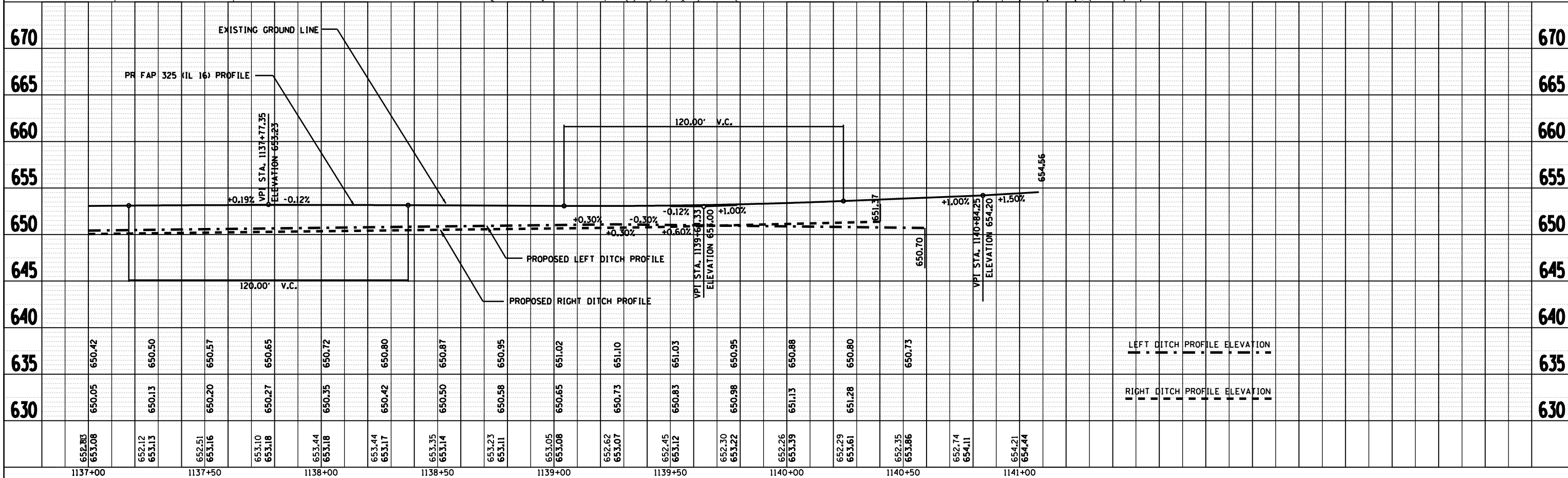
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	41
STA. 1137+00 TO STA. 1141+08.25				
FED. ROAD DIST. NO. ILLINOIS			FED. AID PROJECT	
* FAP 325 & FAP 604				
** 14R 115RS-2; 116RS-4; 101RS-2				

PLAN	DATE
BY	
CHECKED	
NOTED	
NO.	
NO.	
NO.	
NO.	



- DRIVEWAY PAVEMENT REMOVAL
 - PAVEMENT REMOVAL
 SEE STRIPING PLAN SHEETS FOR PAVEMENT MARKING DETAILS
 SEE IL 159 PLAN AND PROFILE SHEETS AND STAGES OF CONSTRUCTION PLAN SHEETS FOR ADDITIONAL INFORMATION

PROFILE	DATE
BY	
CHECKED	
NOTED	
NO.	
NO.	
NO.	
NO.	




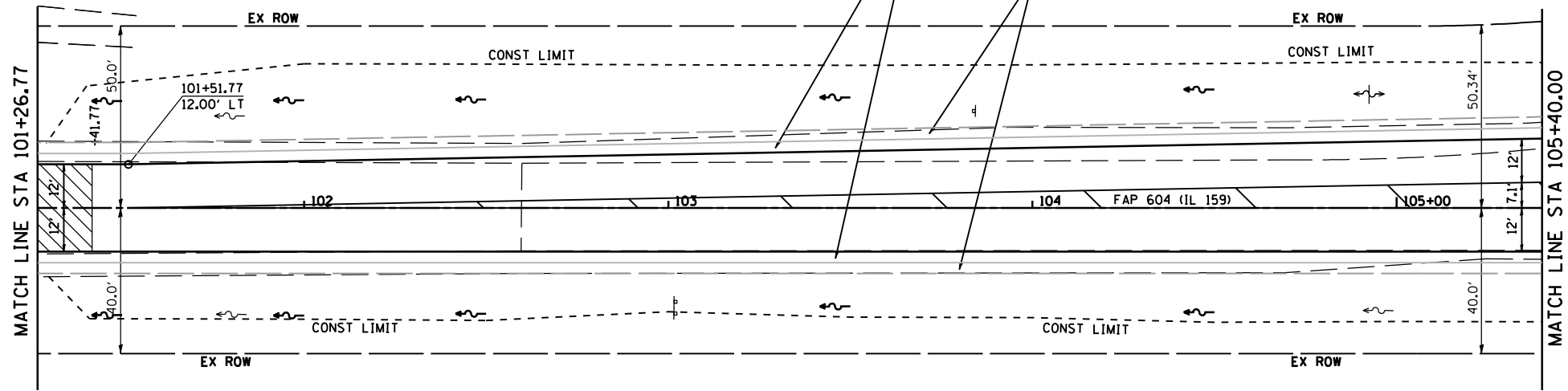
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 PLOT SCALE: #SCALE
 USER NAME: #USER

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	MACOUPIN	231	42
STA. 101+26.77		TO STA. 105+40.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• FAP 325 & FAP 604				
•• 14R; 115RS-2; 116RS-4; 101RS-2				

← 'PPP' SECTION | '3R' SECTION →

NOTE: STATIONING REVERSES DIRECTION
 STA EON: 101+26.77 BK = STA 1149+43.64 AH
 SEE PART 'B' PLAN SHEETS

 - RAMP FROM 2 1/4" TO 3"
 SEE RAMPING DETAIL



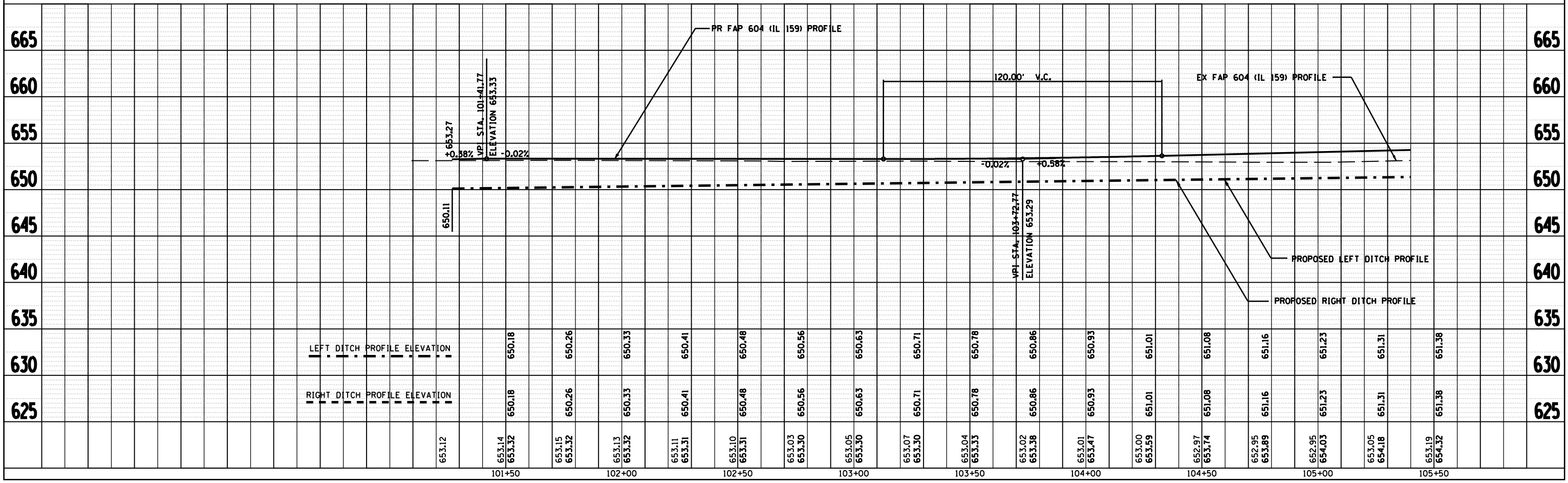
SEE STRIPING PLAN SHEETS
 FOR PAVEMENT MARKING DETAILS

SEE IL 16 PLAN AND PROFILE SHEETS
 AND STAGES OF CONSTRUCTION PLAN SHEETS
 FOR ADDITIONAL INFORMATION

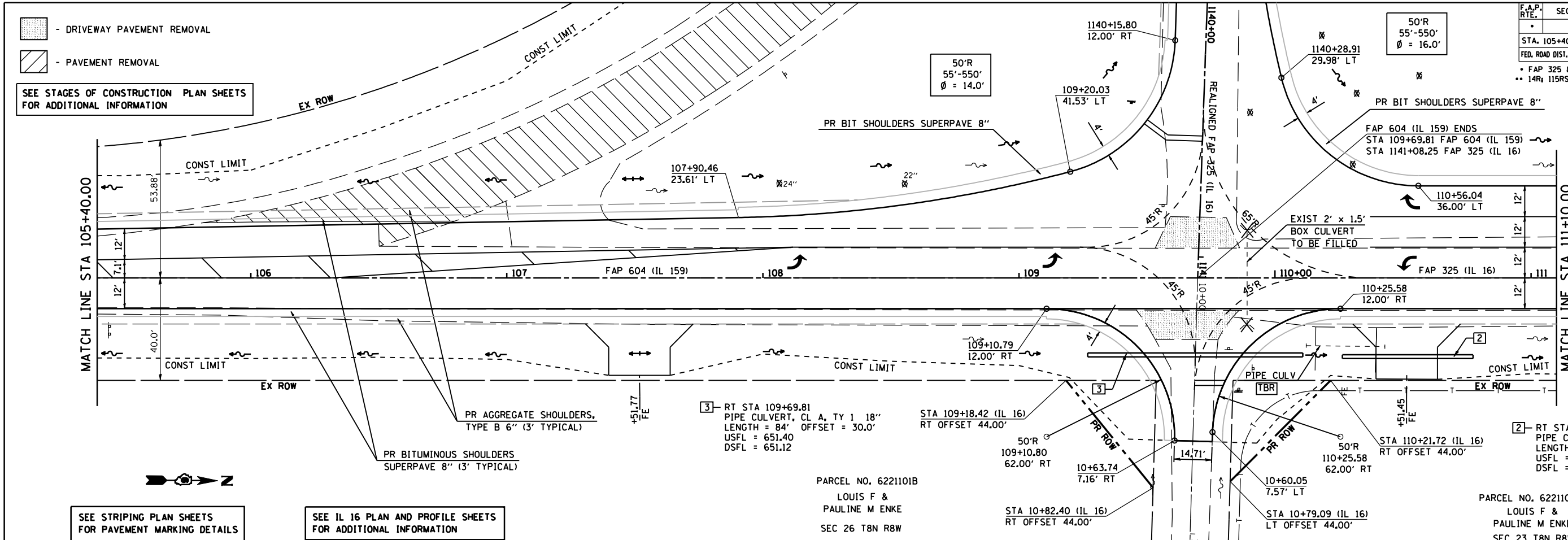
PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTED		
	BY		
	NO. OF WAY CHECKED		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	NOTED		
	BY		
	STRUCTURE NOTATIONS CHRD		

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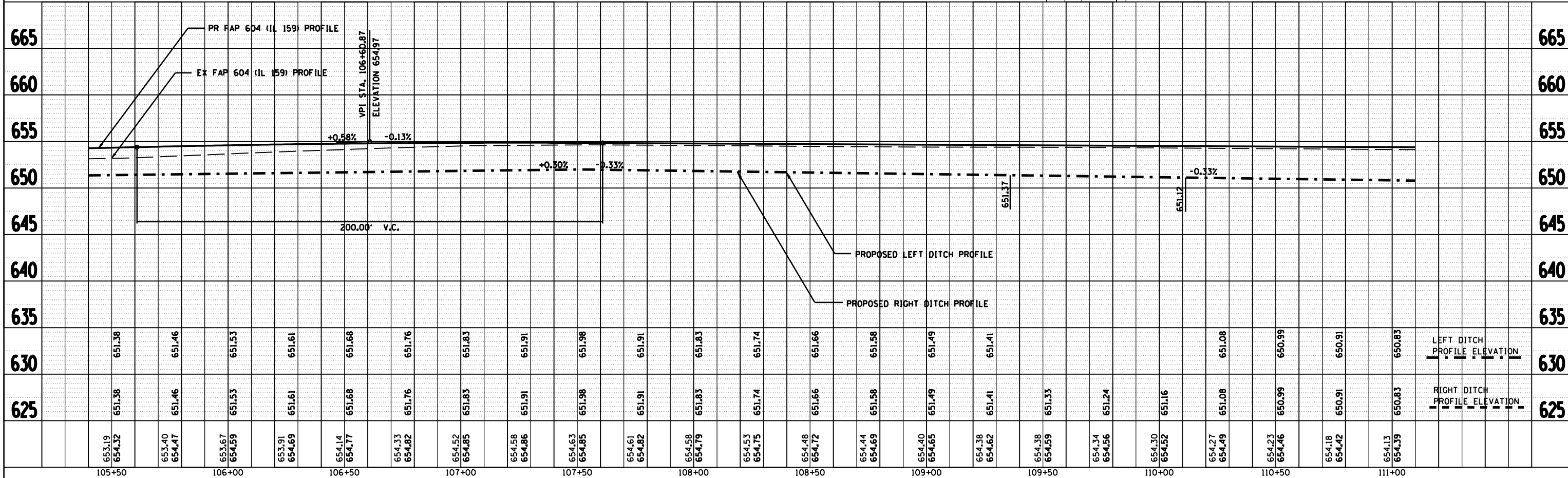


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	43
STA. 105+40.00 TO STA. 111+10.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* FAP 325 & FAP 604				
** 14R 115R5-2; 116R5-4; 101R5-2				



PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTED		
	FILED		
	NO. OF WAY CHECKED		
	NO. OF FILE CHECKED		
	NO. OF PLOT CHECKED		
	NO. OF WAY CHECKED		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	NOTED		
	FILED		
	NO. OF WAY CHECKED		
	NO. OF FILE CHECKED		
	NO. OF PLOT CHECKED		
	NO. OF WAY CHECKED		



PLOT DATE = 8/20/18
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	44
STA. 111+10.00		TO STA. 116+80.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* FAP 325 & FAP 604				
** 14R; 115RS-2; 116RS-4; 101RS-2				

PARCEL NO. 6221102
SEC 23 T8N R8W
KATHRYN DEY

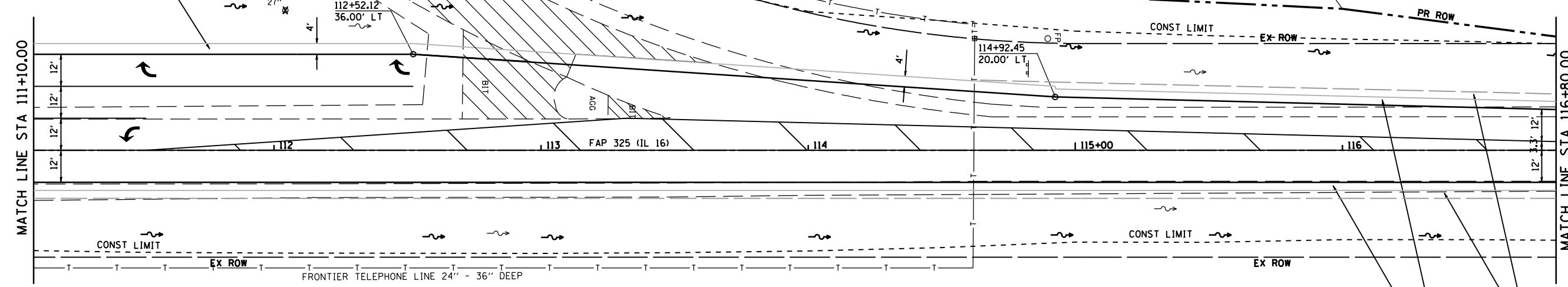
STA 116+00.00 (IL 16)
LT OFFSET 53.00'

STA 113+52.88 (IL 16)
LT OFFSET 65.04'

- PAVEMENT REMOVAL

SEE STAGES OF CONSTRUCTION PLAN SHEETS FOR ADDITIONAL INFORMATION

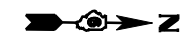
PR BIT SHOULDERS SUPERPAVE 8"



PR AGGREGATE SHOULDERS, TYPE B 6" (3' TYPICAL)

PR BITUMINOUS SHOULDERS SUPERPAVE 8" (3' TYPICAL)

LOUIS F & PAULINE M ENKE
SEC 23 T8N R8W

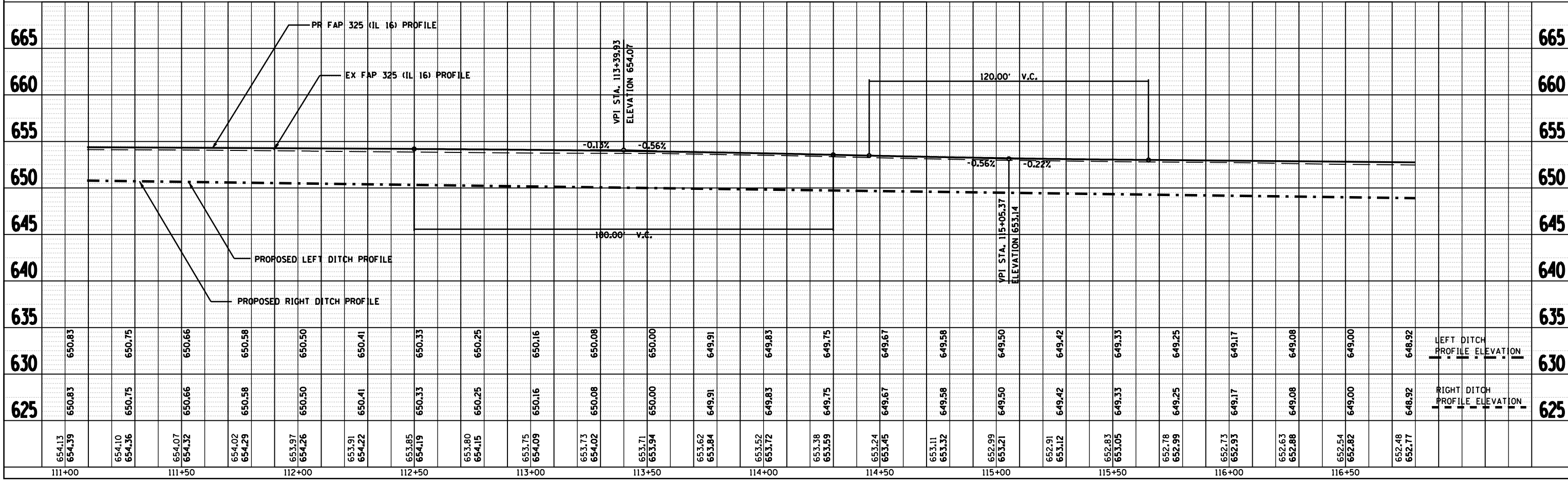


SEE IL 16 PLAN AND PROFILE SHEETS FOR ADDITIONAL INFORMATION

SEE STRIPING PLAN SHEETS FOR PAVEMENT MARKING DETAILS

PLAN	DATE
BY _____	
REVISION _____	
NO. _____	

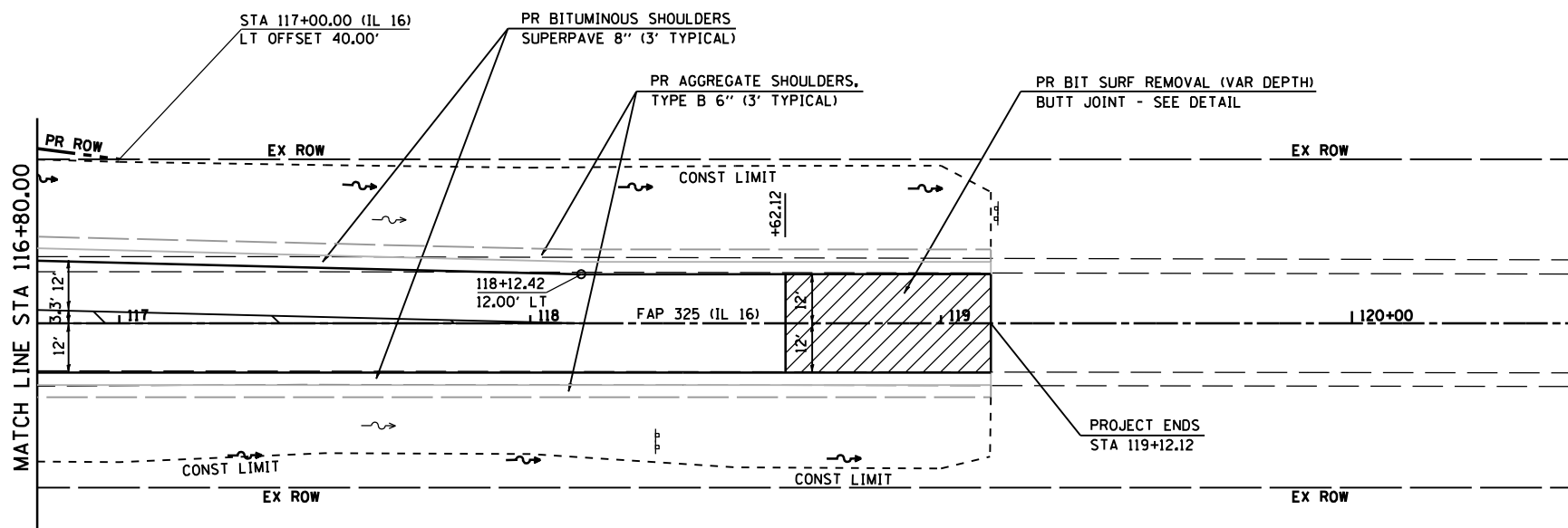
PROFILE	DATE
BY _____	
REVISION _____	
NO. _____	



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	45
STA. 116+80.00		TO STA. 120+60.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• FAP 325 & FAP 604				
•• 14R; 115RS-2; 116RS-4; 101RS-2				



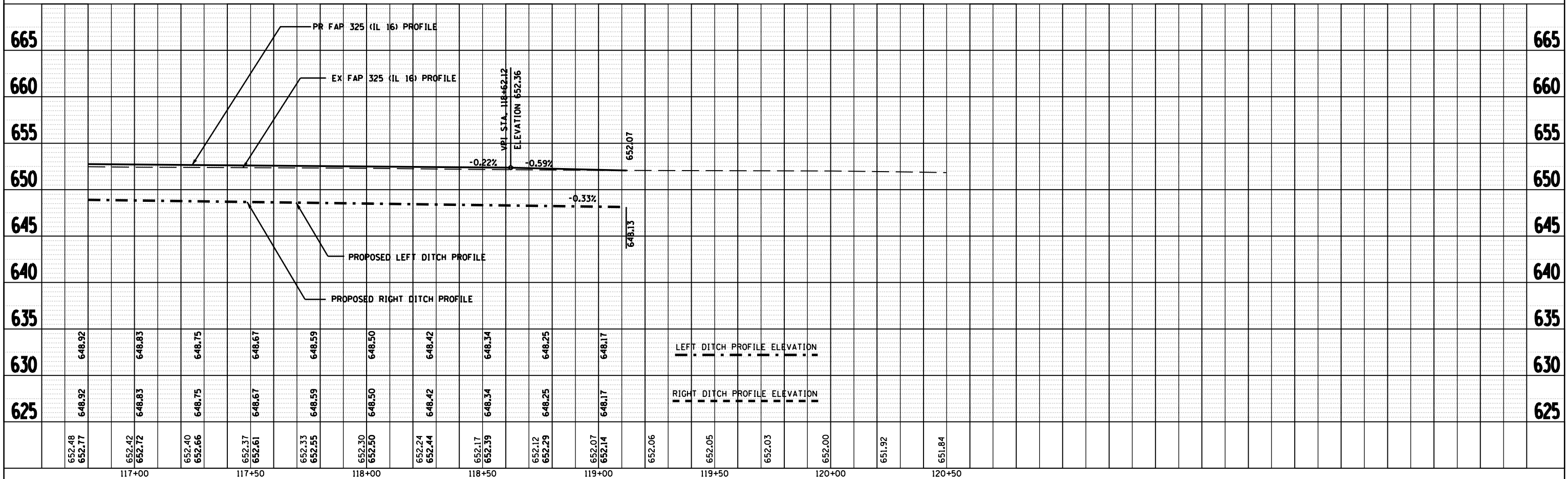
PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTED		
	STRUCTURE		
	NOTATIONS		
	CHRD		



SEE IL 16 PLAN AND PROFILE SHEETS AND STAGES OF CONSTRUCTION PLAN SHEETS FOR ADDITIONAL INFORMATION

SEE STRIPING PLAN SHEETS FOR PAVEMENT MARKING DETAILS

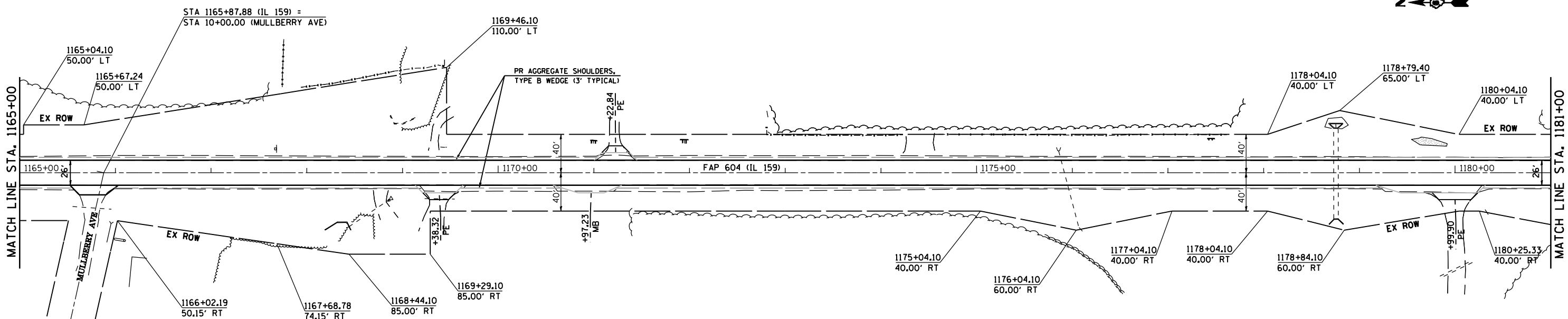
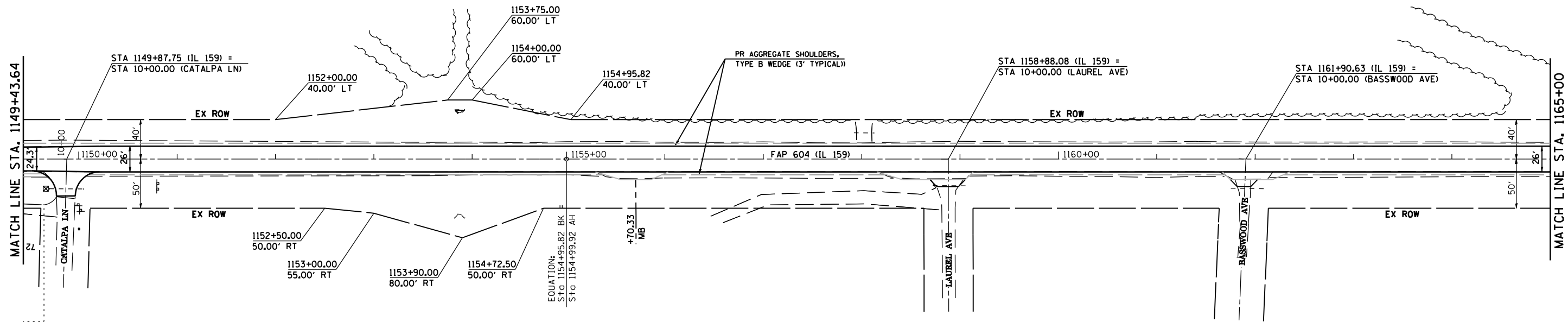
PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	NOTED		
	STRUCTURE		
	NOTATIONS		
	CHRD		



PLOT DATE: *DATES*
 FILE NAME: *FILES*
 PLOT SCALE: *SCALES*
 USER NAME: *USERS*

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	46
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* FAP 325 & FAP 604				
** 14R; 115RS-2; 116RS-4; 101RS-2				

NOTE: FOR ENTRANCES, MAILBOX TURNOUTS, AND SIDE ROADS ON PART B, SEE DISTRICT SIX ENTRANCE DETAIL FOR 'PPP' PROJECTS



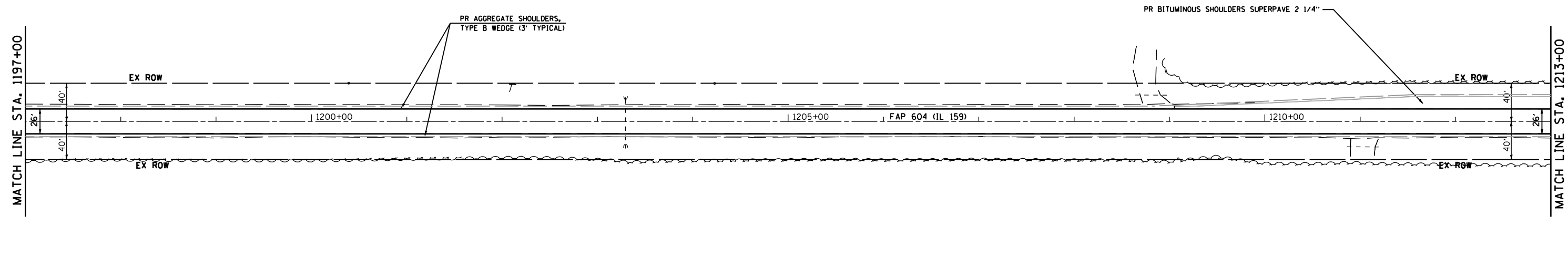
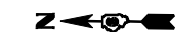
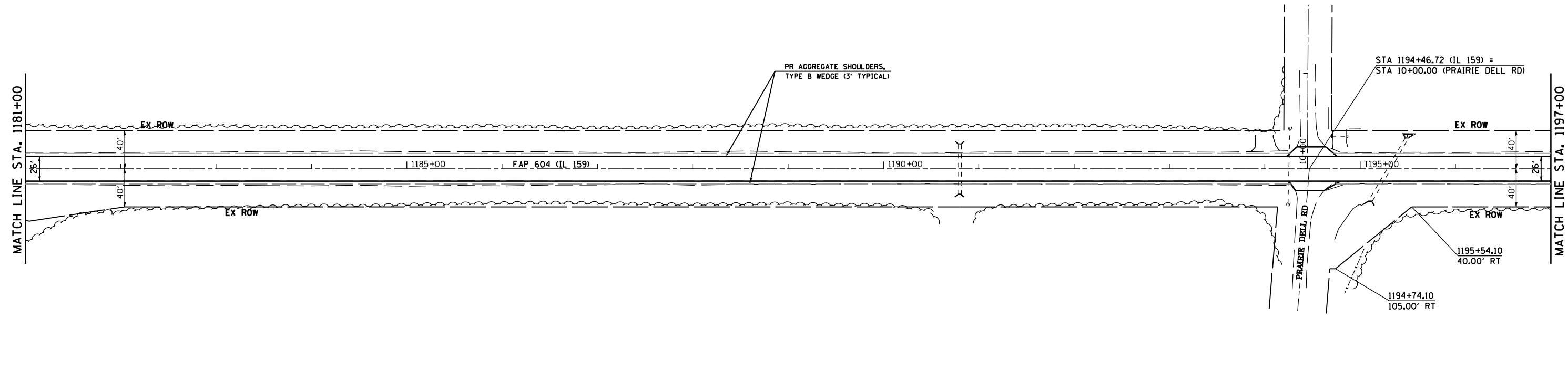
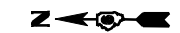
PLOT DATE = *DATE*
 PLOT SCALE = *SCALE*

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
 FAP 325 (IL 16) & FAP 604 (IL 159)
 SECTION 14R; 115RS-2; 116RS-4; 101RS-2
 MACOUPIN COUNTY
 SCALE: 1" = 50'
 DATE **DATE**
 DRAWN BY
 CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	47
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* FAP 325 & FAP 604				
** 14R; 115RS-2; 116RS-4; 101RS-2				

NOTE: FOR ENTRANCES, MAILBOX TURNOUTS, AND SIDE ROADS ON PART B, SEE DISTRICT SIX ENTRANCE DETAIL FOR 'PPP' PROJECTS

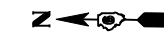


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
 FAP 325 (IL 16) & FAP 604 (IL 159)
 SECTION 14R; 115RS-2; 116RS-4; 101RS-2
 MACOUPIN COUNTY
 SCALE: 1" = 50'
 DATE **DATE**
 DRAWN BY
 CHECKED BY

PLOT DATE * DATE *
 PLOT SCALE * SCALE *
 PLOT SCALE * SCALE *

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	MACOUPIN	231	48
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• FAP 325 & FAP 604				
•• 14R; 115RS-2; 116RS-4; 101RS-2				



NOTE: FOR ENTRANCES, MAILBOX TURNOUTS, AND SIDE ROADS ON PART B, SEE DISTRICT SIX ENTRANCE DETAIL FOR 'PPP' PROJECTS

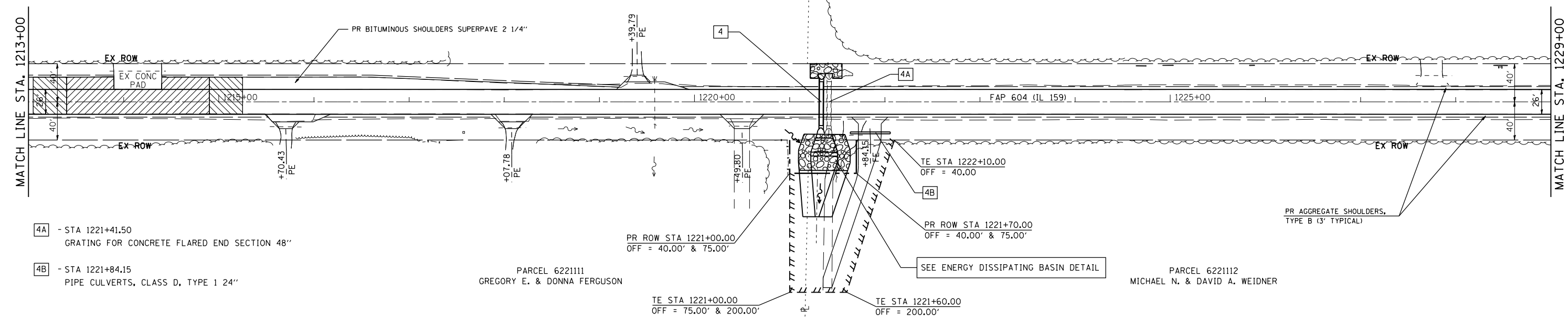
- BIT SURFACE REMOVAL 2 1/4"
- TRANSITION LOCATION - 1/2" TO 2 1/4" BIT SURFACE REMOVAL (VAR DEPTH)

SEE RAMPING DETAIL

- 4 - STA 1221+33.21
PIPE CULVERTS, CLASS A, TYPE 1 48"
PRECAST REINFORCED CONCRETE FLARED END SECTIONS 48"
GRATING FOR CONCRETE FLARED END SECTION 48"
EARTH EXCAVATION
STONE RIPRAP, CLASS A4
RT RIPRAP SLURRY
FILTER FABRIC

JOHN WILBUR WEIDNER

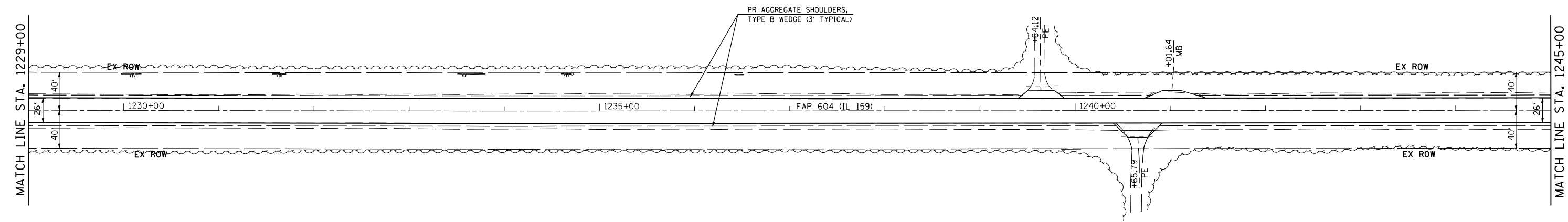
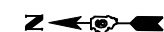
ROLLO WALTER FENSTERMAN



- 4A - STA 1221+41.50
GRATING FOR CONCRETE FLARED END SECTION 48"
- 4B - STA 1221+84.15
PIPE CULVERTS, CLASS D, TYPE 1 24"

PARCEL 6221111
GREGORY E. & DONNA FERGUSON

PARCEL 6221112
MICHAEL N. & DAVID A. WEIDNER



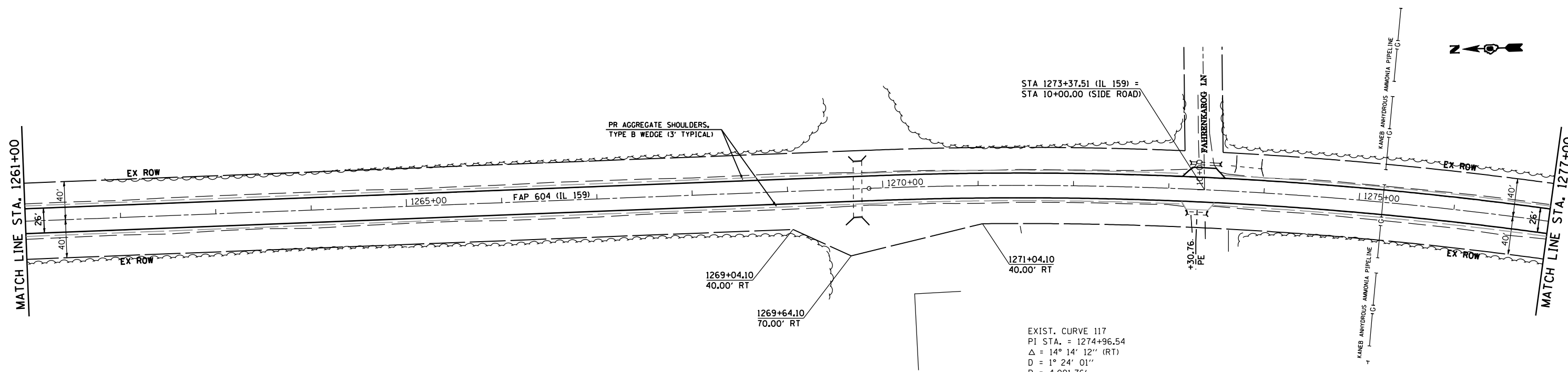
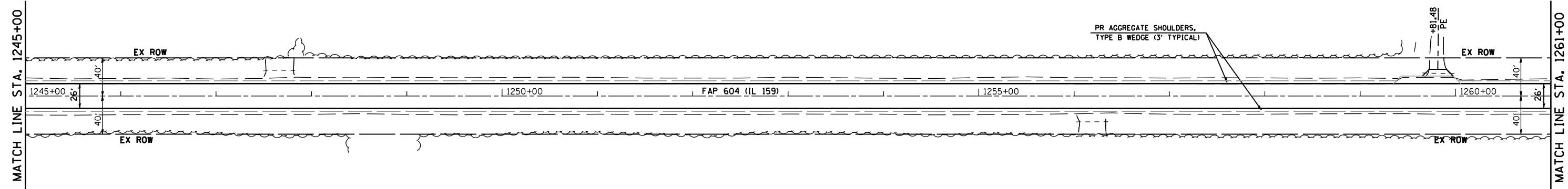
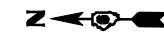
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
FAP 325 (IL 16) & FAP 604 (IL 159)
SECTION 14R; 115RS-2; 116RS-4; 101RS-2
MACOUPIN COUNTY
SCALE: 1" = 50'
DATE: **DATE**
DRAWN BY:
CHECKED BY:

PLOT DATE = 5/1/2006
PLOT SCALE = 1/8"=1'-0"
PLOT SCALE = 1/8"=1'-0"

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	**	MACOUPIN	231	49
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• FAP 325 & FAP 604 ** 14R; 115RS-2; 116RS-4; 101RS-2				

NOTE: FOR ENTRANCES, MAILBOX TURNOUTS, AND SIDE ROADS ON PART B, SEE DISTRICT SIX ENTRANCE DETAIL FOR 'PPP' PROJECTS



EXIST. CURVE 117
 PI STA. = 1274+96.54
 $\Delta = 14^\circ 14' 12''$ (RT)
 $D = 1^\circ 24' 01''$
 $R = 4,091.76'$
 $T = 510.98'$
 $L = 1,016.70'$
 $E = 31.78'$
 P.C. STA. = 1269+85.56
 P.T. STA. = 1280+02.26

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
 FAP 325 (IL 16) & FAP 604 (IL 159)
 SECTION 14R; 115RS-2; 116RS-4; 101RS-2
 MACOUPIN COUNTY
 SCALE: 1" = 50'
 DATE **DATE**
 DRAWN BY
 CHECKED BY

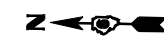
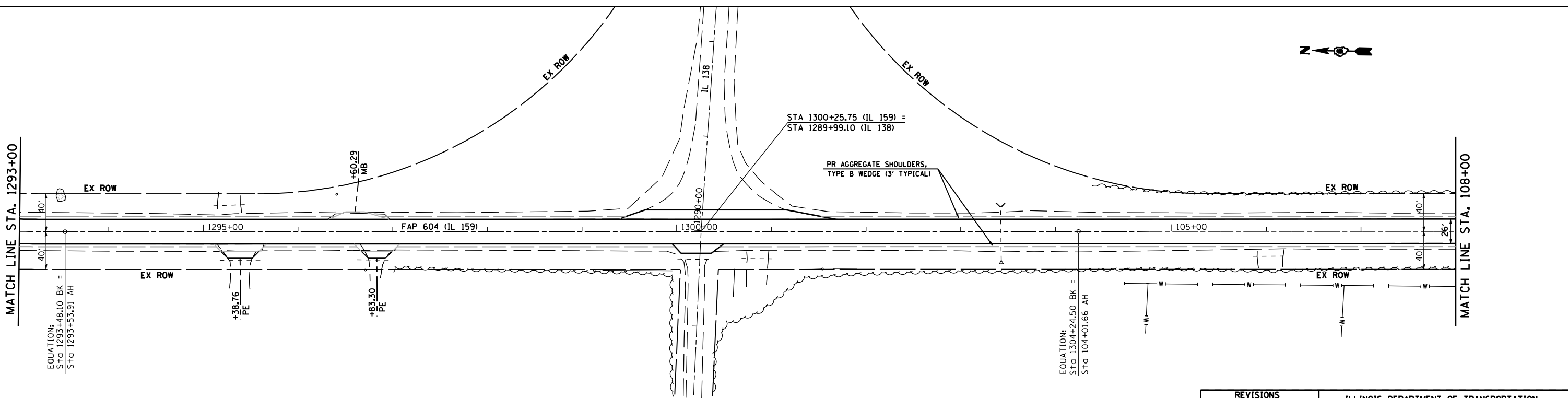
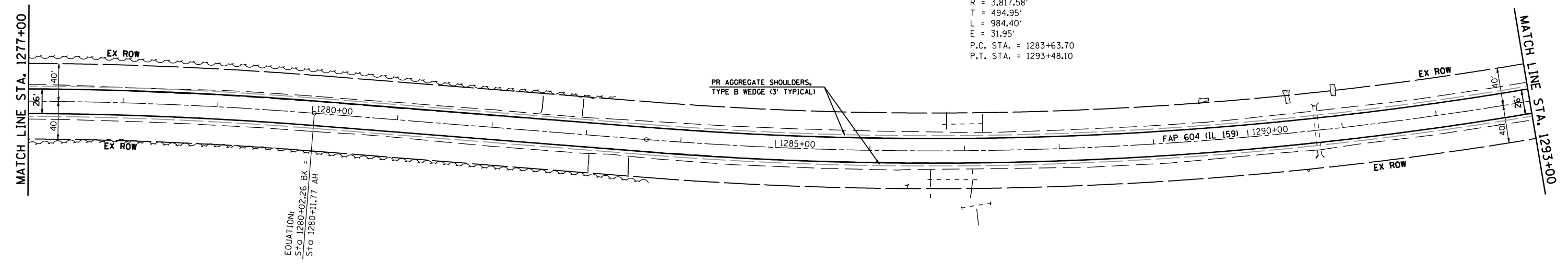
PLOT DATE = **DATE**
 PLOT SCALE = **SCALE**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	50
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* FAP 325 & FAP 604				
** 14R; 115RS-2; 116RS-4; 101RS-2				

NOTE: FOR ENTRANCES, MAILBOX TURNOUTS, AND SIDE ROADS ON PART B, SEE DISTRICT SIX ENTRANCE DETAIL FOR 'PPP' PROJECTS



EXIST. CURVE 118
 PI STA. = 1288+58.65
 $\Delta = 14^\circ 46' 27''$ (LT)
 $D = 1^\circ 30' 03''$
 $R = 3,817.58'$
 $T = 494.95'$
 $L = 984.40'$
 $E = 31.95'$
 P.C. STA. = 1283+63.70
 P.T. STA. = 1293+48.10



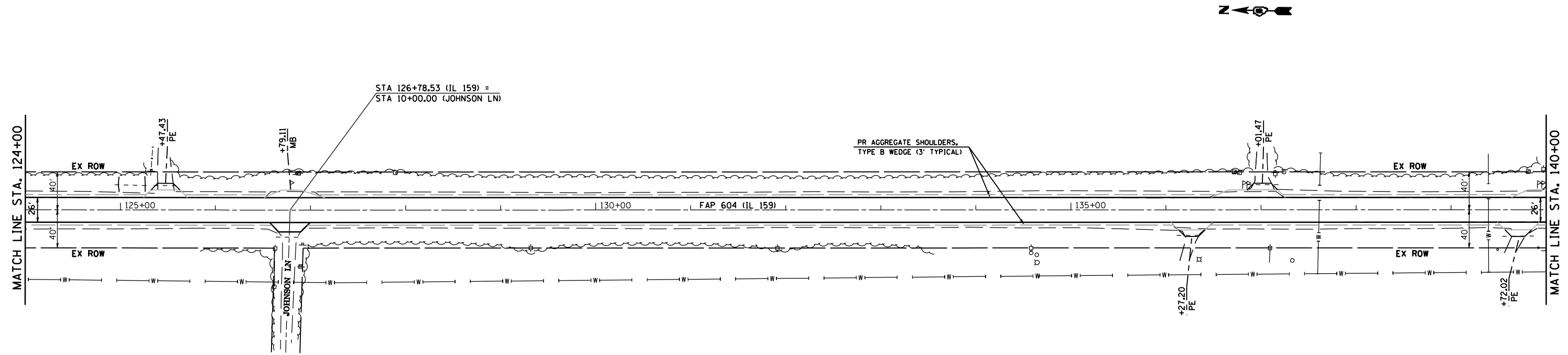
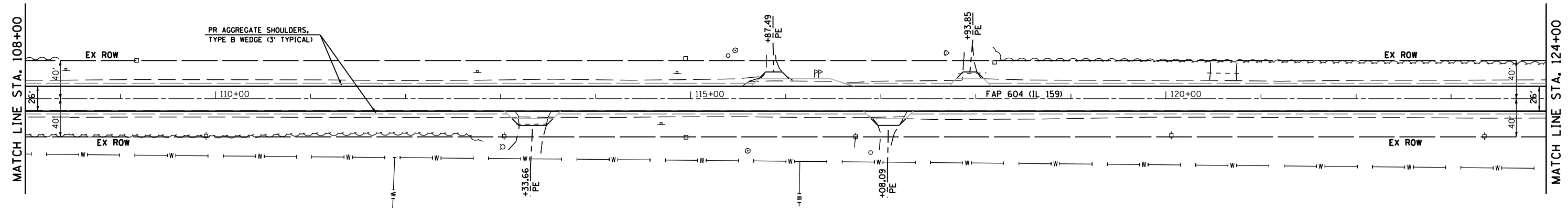
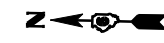
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
 FAP 325 (IL 16) & FAP 604 (IL 159)
 SECTION 14R; 115RS-2; 116RS-4; 101RS-2
 MACOUPIN COUNTY
 SCALE: 1" = 50'
 DATE **DATE**
 DRAWN BY
 CHECKED BY

PLOT DATE * DATE *
 PLOT SCALE * SCALE *

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	51
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* FAP 325 & FAP 604 ** 14R; 115RS-2; 116RS-4; 101RS-2				

NOTE: FOR ENTRANCES, MAILBOX TURNOUTS, AND SIDE ROADS ON PART B, SEE DISTRICT SIX ENTRANCE DETAIL FOR 'PPP' PROJECTS



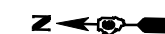
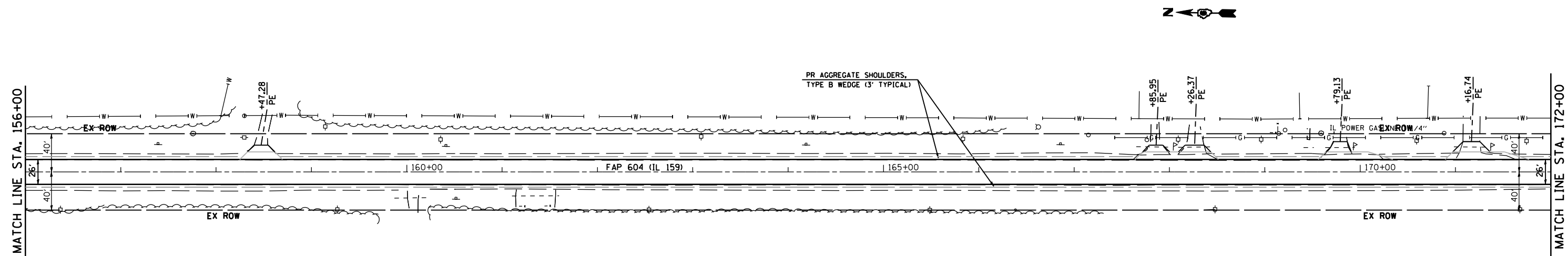
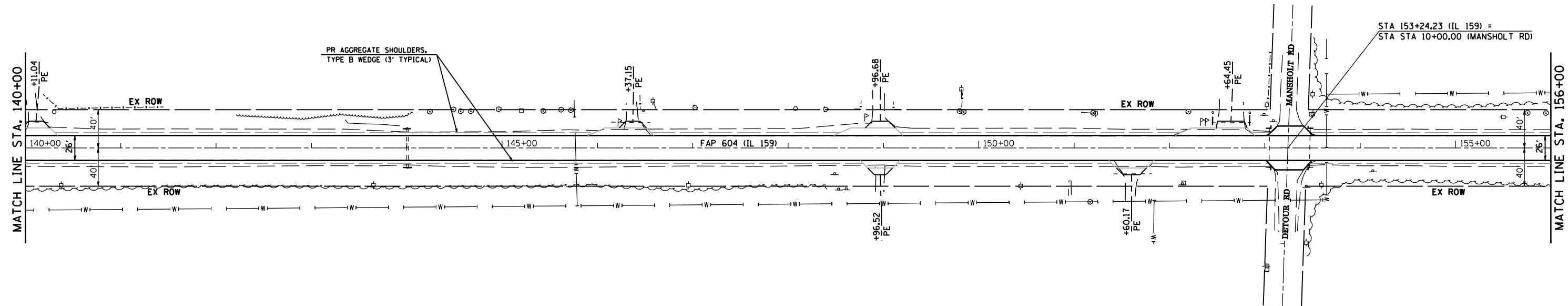
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
 FAP 325 (IL 16) & FAP 604 (IL 159)
 SECTION 14R; 115RS-2; 116RS-4; 101RS-2
 MACOUPIN COUNTY
 SCALE: 1" = 50'
 DATE: **DATE**
 DRAWN BY: _____
 CHECKED BY: _____

PLOT DATE: **DATE**
 PLOT SCALE: **SCALE**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	52
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• FAP 325 & FAP 604 ** 14R; 115RS-2; 116RS-4; 101RS-2				

NOTE: FOR ENTRANCES, MAILBOX TURNOUTS, AND SIDE ROADS ON PART B, SEE DISTRICT SIX ENTRANCE DETAIL FOR 'PPP' PROJECTS



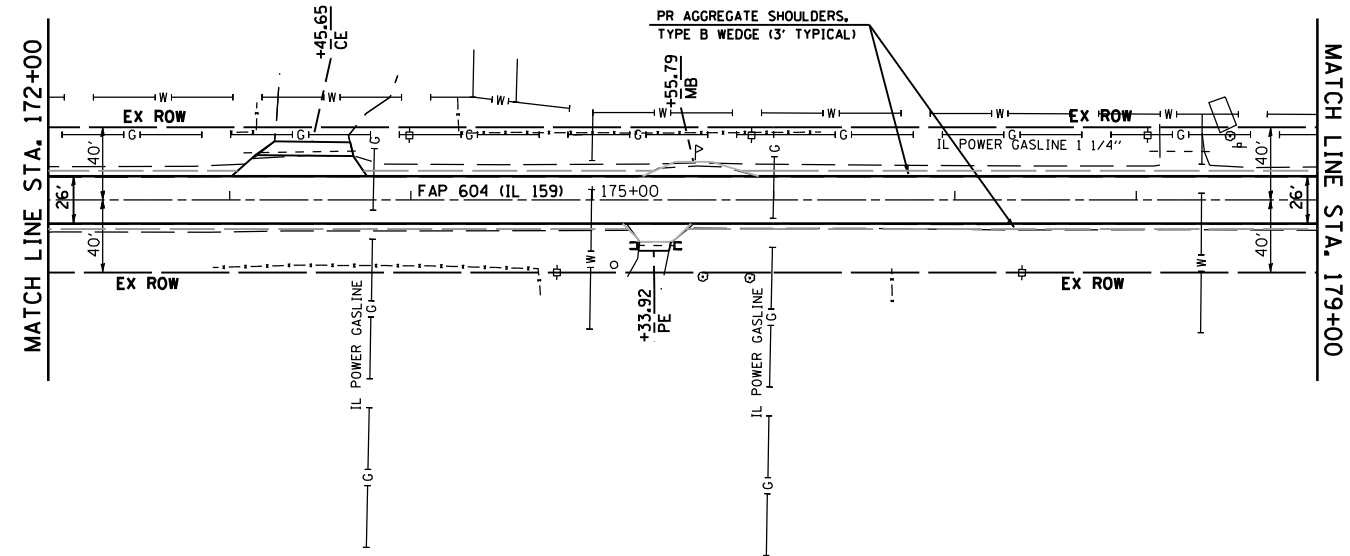
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
 FAP 325 (IL 16) & FAP 604 (IL 159)
 SECTION 14R; 115RS-2; 116RS-4; 101RS-2
 MACOUPIN COUNTY
 SCALE: 1" = 50'
 DATE **DATE**
 DRAWN BY
 CHECKED BY

PLOT DATE * DATE *
 PLOT SCALE * SCALES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	53
STA. 172+00		TO STA. 179+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* FAP 325 & FAP 604 ** 14R; 115RS-2; 116RS-4; 101RS-2				

NOTE: FOR ENTRANCES, MAILBOX TURNOUTS, AND SIDE ROADS ON PART B, SEE DISTRICT SIX ENTRANCE DETAIL FOR 'PPP' PROJECTS

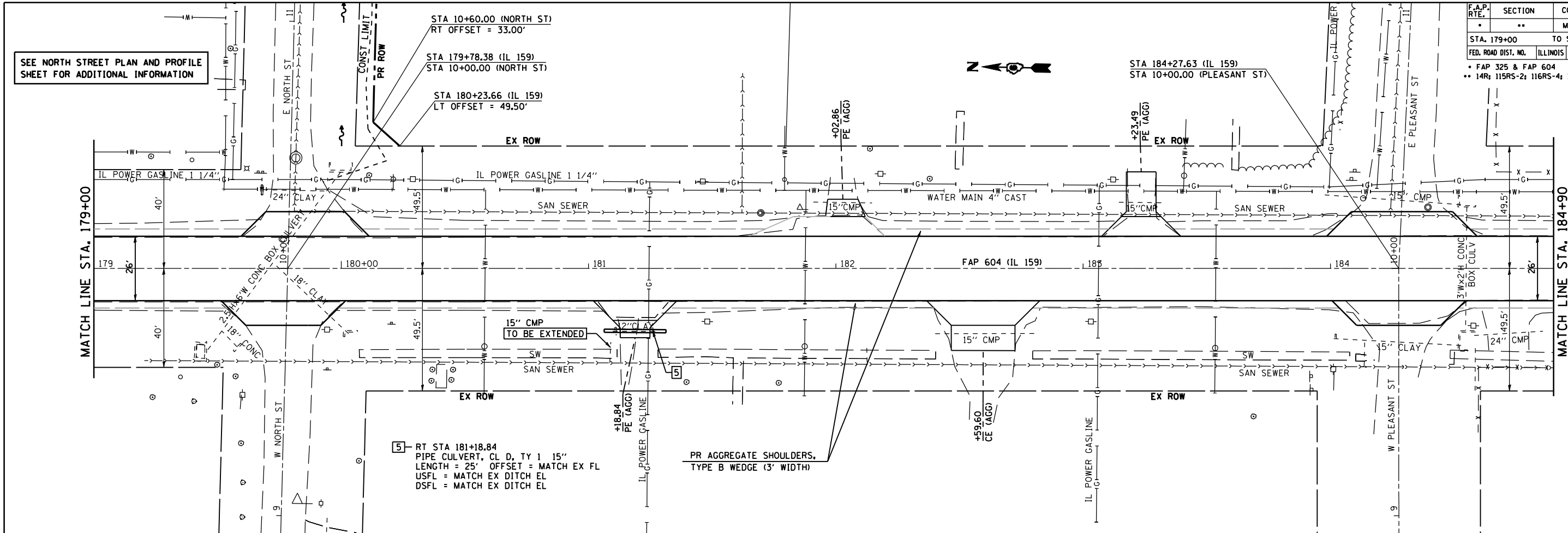


PLOT DATE * DATE *
 PLOT SCALE * SCALE *
 PLOT SCALE * SCALE *

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
 FAP 325 (IL 16) & FAP 604 (IL 159)
 SECTION 14R; 115RS-2; 116RS-4; 101RS-2
 MACOUPIN COUNTY
 SCALE: 1" = 50'
 DATE **DATE**
 DRAWN BY
 CHECKED BY

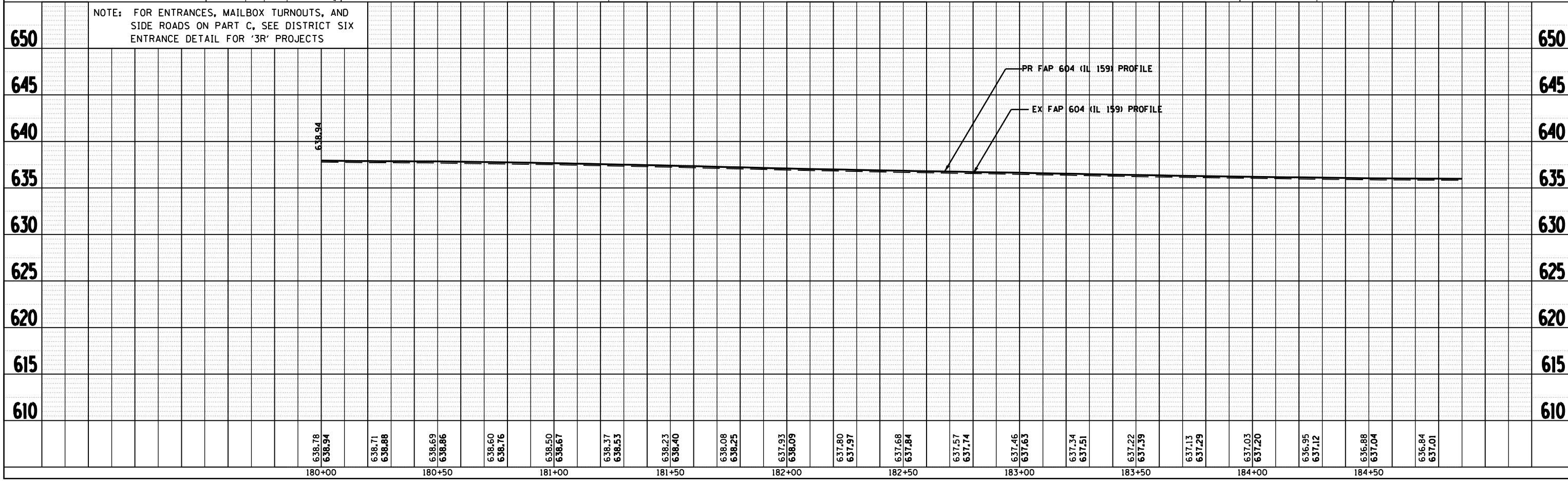
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	..	MACOUPIN	231	54
STA. 179+00		TO STA. 184+90		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• FAP 325 & FAP 604				
•• 14R; 115RS-2; 116RS-4; 101RS-2				



PLAN	DATE
SURVEYED	
PLOTTED	
CHECKED	
BY	
NO.	

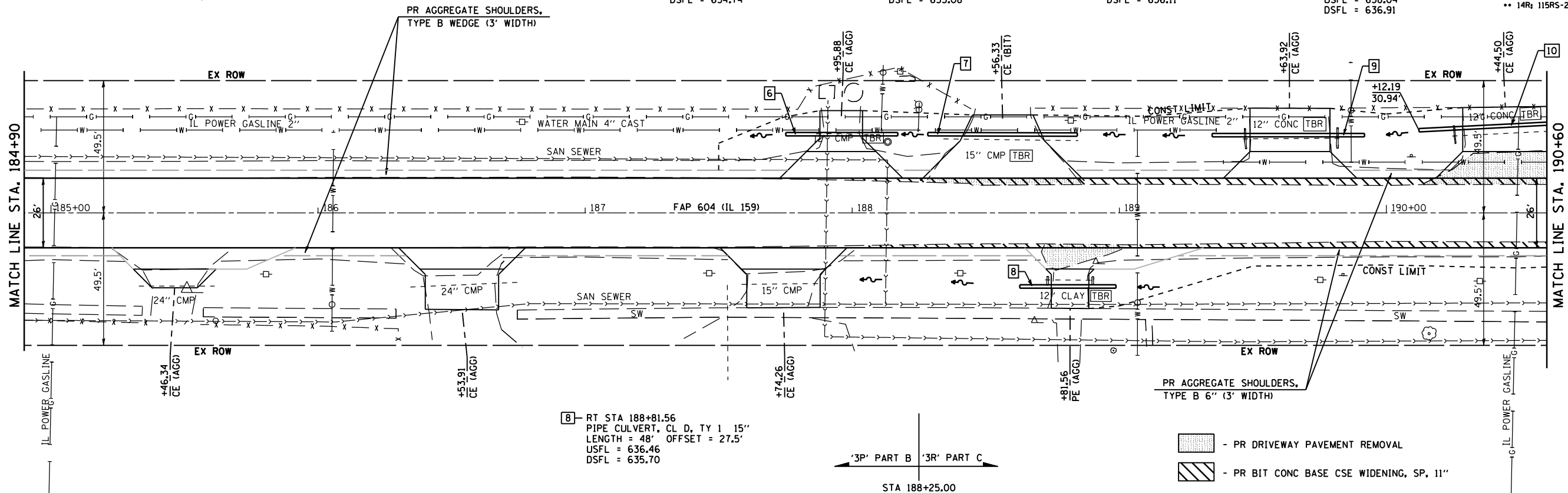
PROFILE	DATE
SURVEYED	
PLOTTED	
CHECKED	
BY	
NO.	

PLOT DATE = #DATES
 FILE NAME = #FILES
 PLOT SCALE = #SCALES
 USER NAME = #USERS

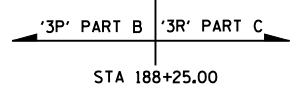


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	**	MACOUPIN	231	55
STA. 184+90		TO STA. 190+60		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• FAP 325 & FAP 604				
•• 14R 115RS-2; 116RS-4; 101RS-2				

- [6] LT STA 187+95.88
PIPE CULVERT, CL D, TY 1 15"
LENGTH = 42' OFFSET = 29.5'
USFL = 635.00
DSFL = 634.74
- [7] LT STA 188+56.33
PIPE CULVERT, CL D, TY 1 15"
LENGTH = 56' OFFSET = 29.5'
USFL = 635.64
DSFL = 635.08
- [9] LT STA 189+63.92
PIPE CULVERT, CL D, TY 1 15"
LENGTH = 57' OFFSET = 29.1'
USFL = 636.62
DSFL = 636.11
- [10] LT STA 190+44.50
PIPE CULVERT, CL D, TY 1 15"
SKEWED
LENGTH = 62' OFFSET = 33.0'
USFL = 638.04
DSFL = 636.91

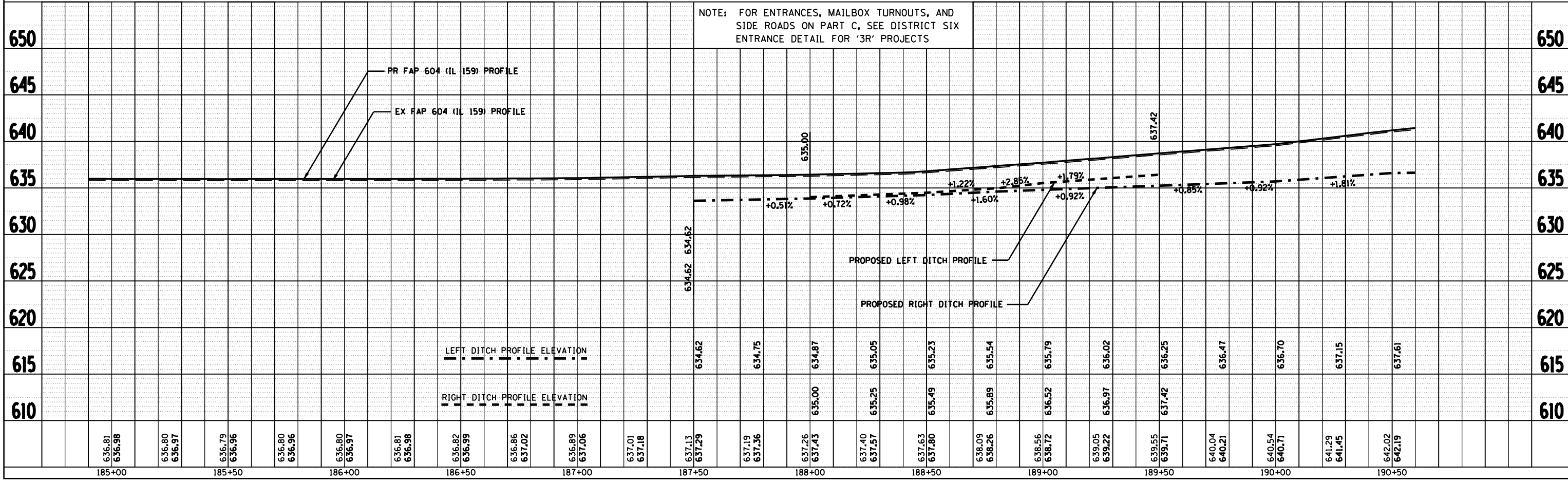


- [8] RT STA 188+81.56
PIPE CULVERT, CL D, TY 1 15"
LENGTH = 48' OFFSET = 27.5'
USFL = 636.46
DSFL = 635.70



- PR DRIVEWAY PAVEMENT REMOVAL
- PR BIT CONC BASE CSE WIDENING, SP, 11"

NOTE: FOR ENTRANCES, MAILBOX TURNOUTS, AND SIDE ROADS ON PART C, SEE DISTRICT SIX ENTRANCE DETAIL FOR '3R' PROJECTS



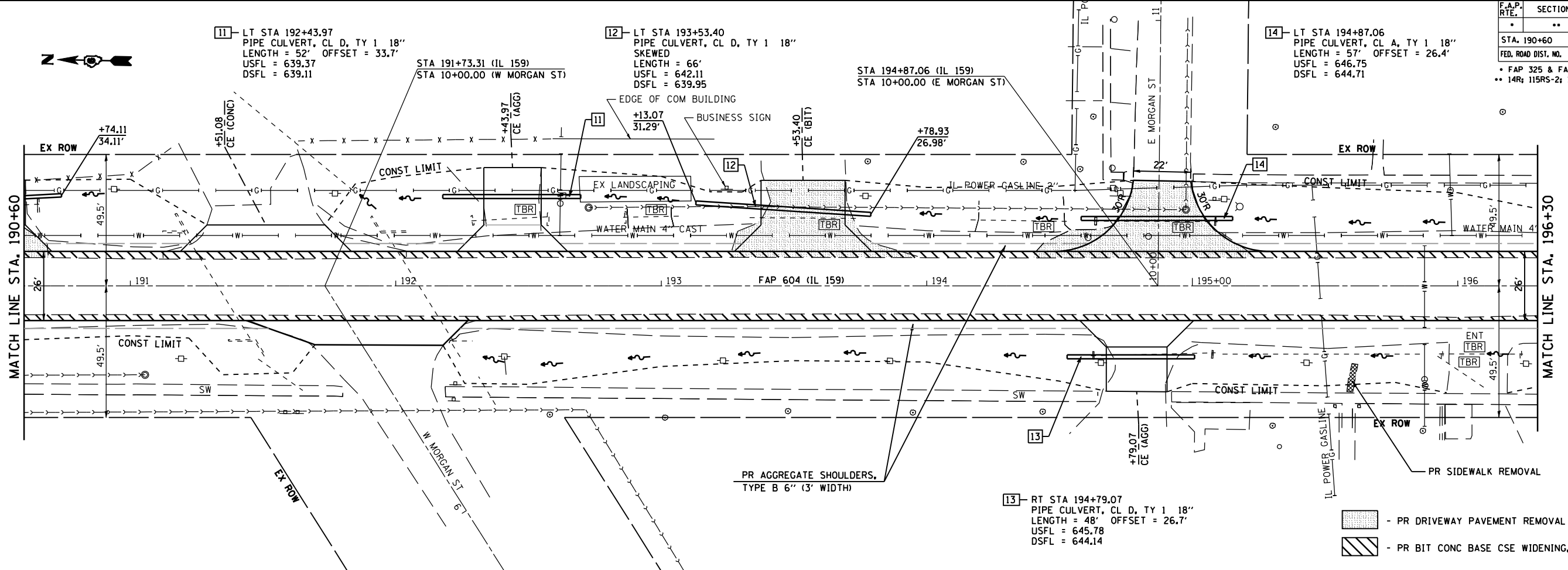
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	NOTED		
	CHECKED		
	BY		
	NO. OF WAY CHECKED		
	DATE		
	FILE NAME		

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	NOTED		
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	BY		
	NO. OF WAY CHECKED		
	DATE		
	FILE NAME		

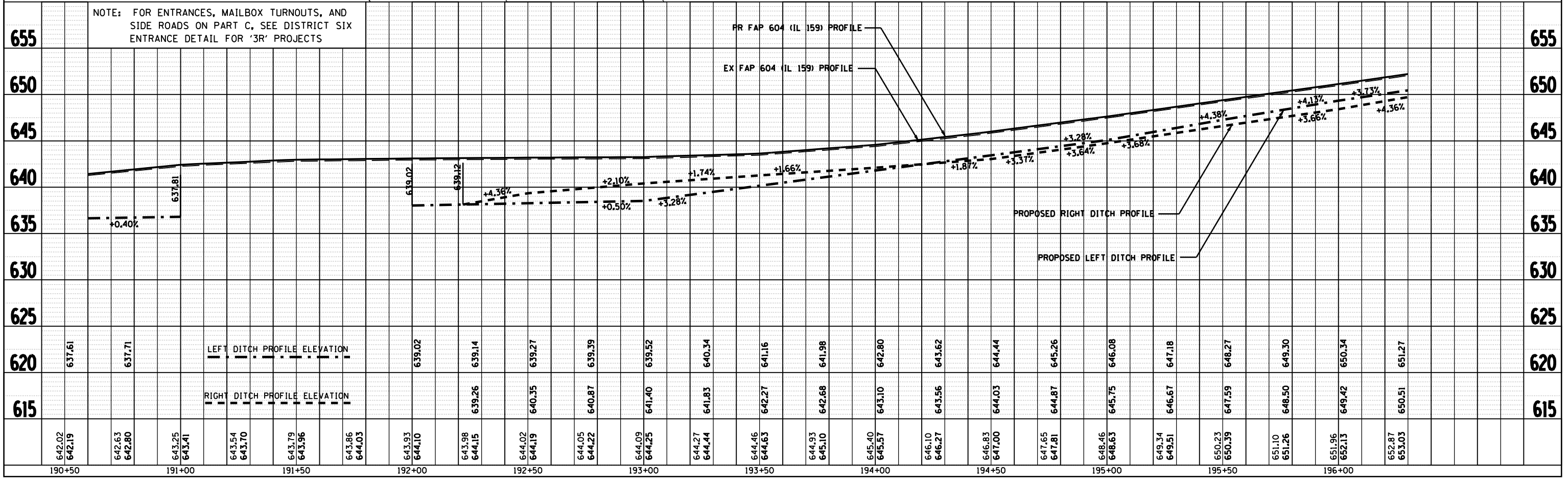
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	MACOUPIN	231	56
STA. 190+60 TO STA. 196+30				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• FAP 325 & FAP 604 •• 14R 116RS-2; 116RS-4; 101RS-2				

PLAN	DATE	BY
SURVEYED		
PLOTTED		
CHECKED		
NO. OF WAY CHECKED		
NO.		
DATE		



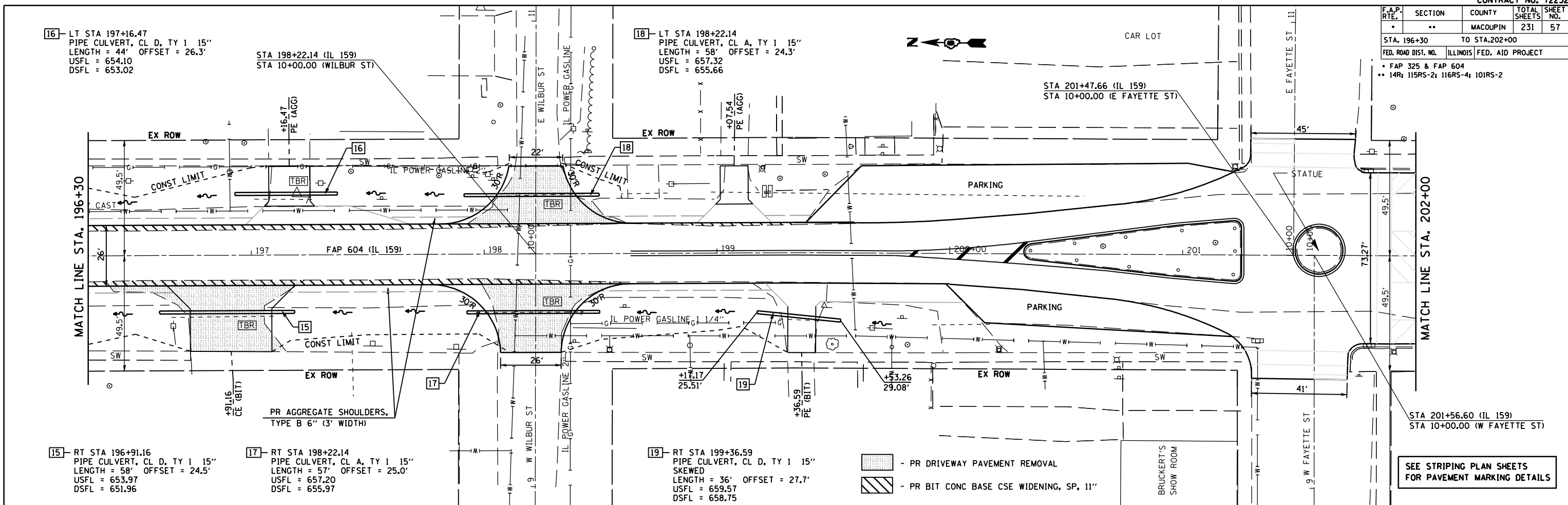
PROFILE	DATE	BY
SURVEYED		
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DATE		



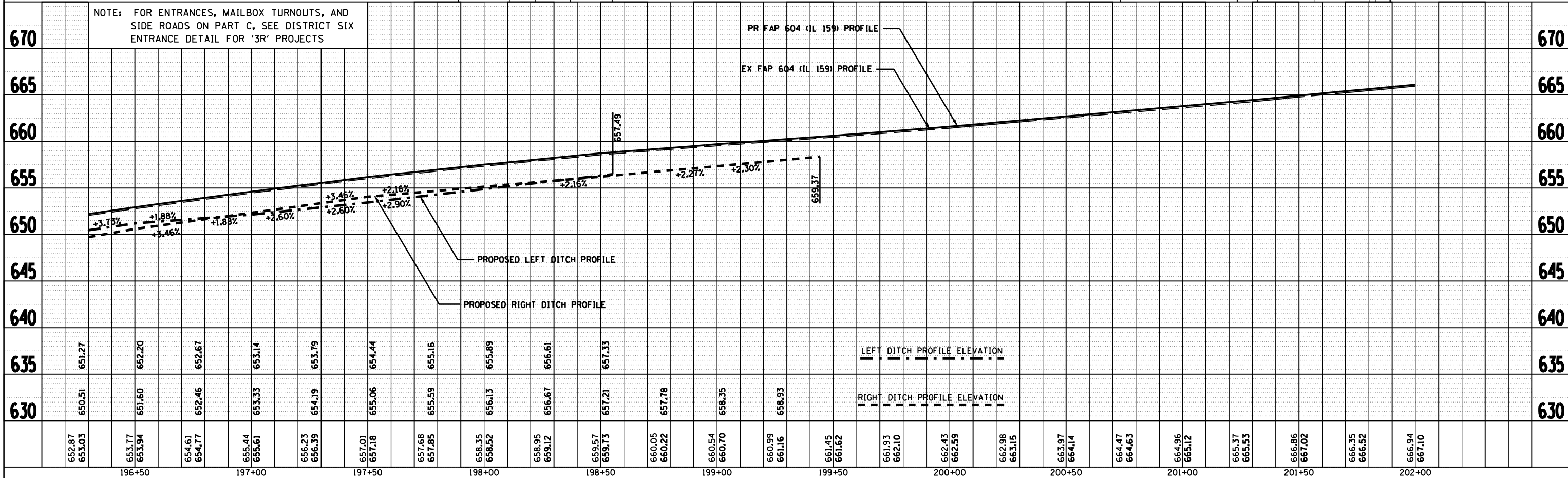
PLOT DATE	SCALE	DATE	SCALE
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	57
STA. 196+30		TO STA. 202+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• FAP 325 & FAP 604 •• 14R; 115RS-2; 116RS-4; 101RS-2				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTED		
	NO. OF WAY CHECKED		
	NO. OF FILE CHECKED		
	NO. OF PLOTTING		
	NO. OF FILE NAME		



PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	NOTED		
	NO. OF WAY CHECKED		
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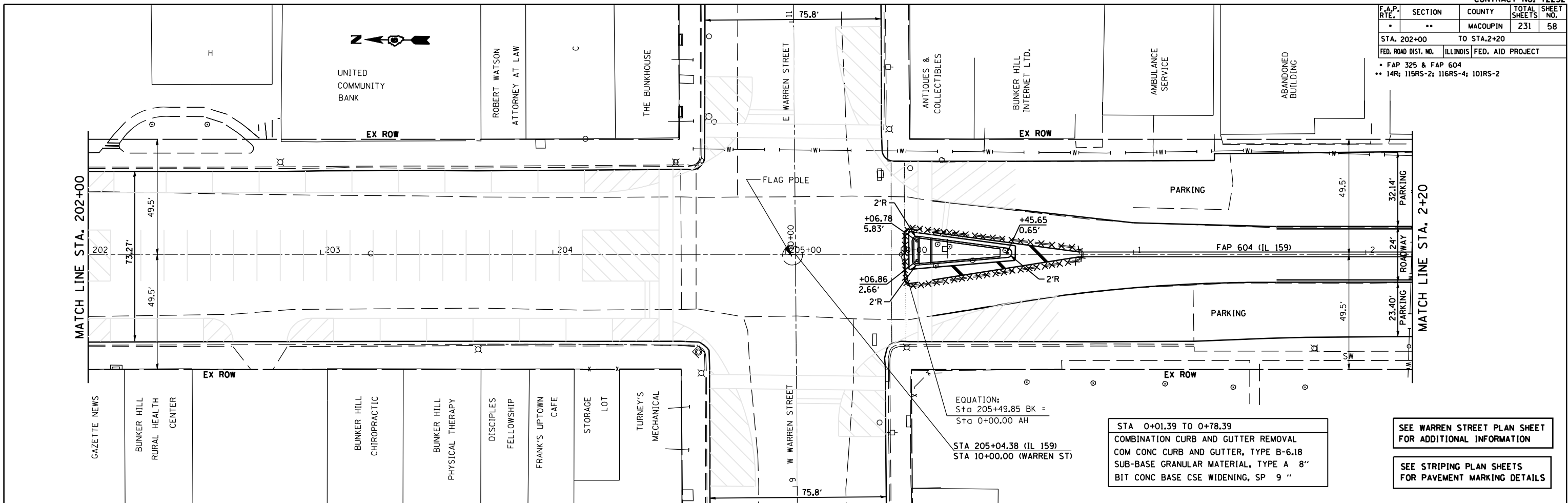
SEE STRIPING PLAN SHEETS FOR PAVEMENT MARKING DETAILS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	MACOUPIN	231	58
STA. 202+00 TO STA. 2+20		ILLINOIS FED. AID PROJECT		
• FAP 325 & FAP 604				
•• 14R 115R5-2; 116R5-4; 101R5-2				

PLAN	SURVEYED	BY	DATE
NO. _____	PLOTTED	_____	_____
NOTE BOOK NO. _____	BY, NOTED	_____	_____
_____	STRUCTURE	_____	_____
_____	NOTATIONS	_____	_____
_____	CHRD	_____	_____

PROFILE	SURVEYED	BY	DATE
NO. _____	PLOTTED	_____	_____
_____	BY, NOTED	_____	_____
_____	STRUCTURE	_____	_____
_____	NOTATIONS	_____	_____
_____	CHRD	_____	_____

PLOT DATE = #DATES
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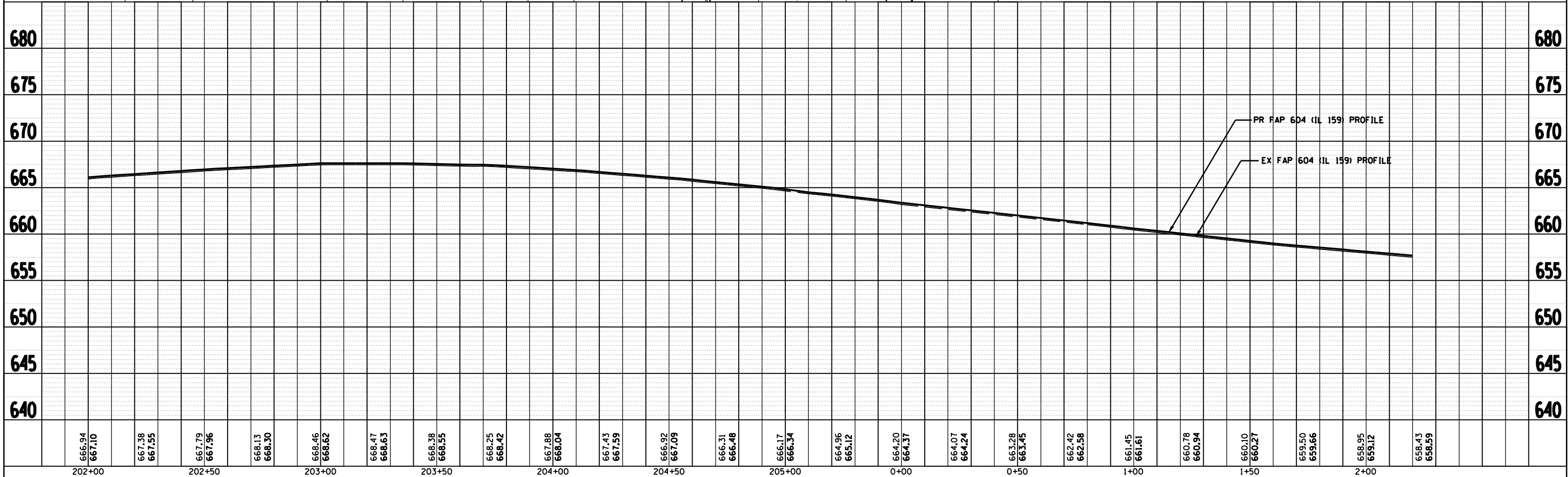
EQUATION:
 Sta 205+49.85 BK =
 Sta 0+00.00 AH

STA 205+04.38 (IL 159)
 STA 10+00.00 (WARREN ST)

STA 0+01.39 TO 0+78.39
 COMBINATION CURB AND GUTTER REMOVAL
 COM CONC CURB AND GUTTER, TYPE B-6.18
 SUB-BASE GRANULAR MATERIAL, TYPE A 8"
 BIT CONC BASE CSE WIDENING, SP 9"

SEE WARREN STREET PLAN SHEET FOR ADDITIONAL INFORMATION

SEE STRIPING PLAN SHEETS FOR PAVEMENT MARKING DETAILS

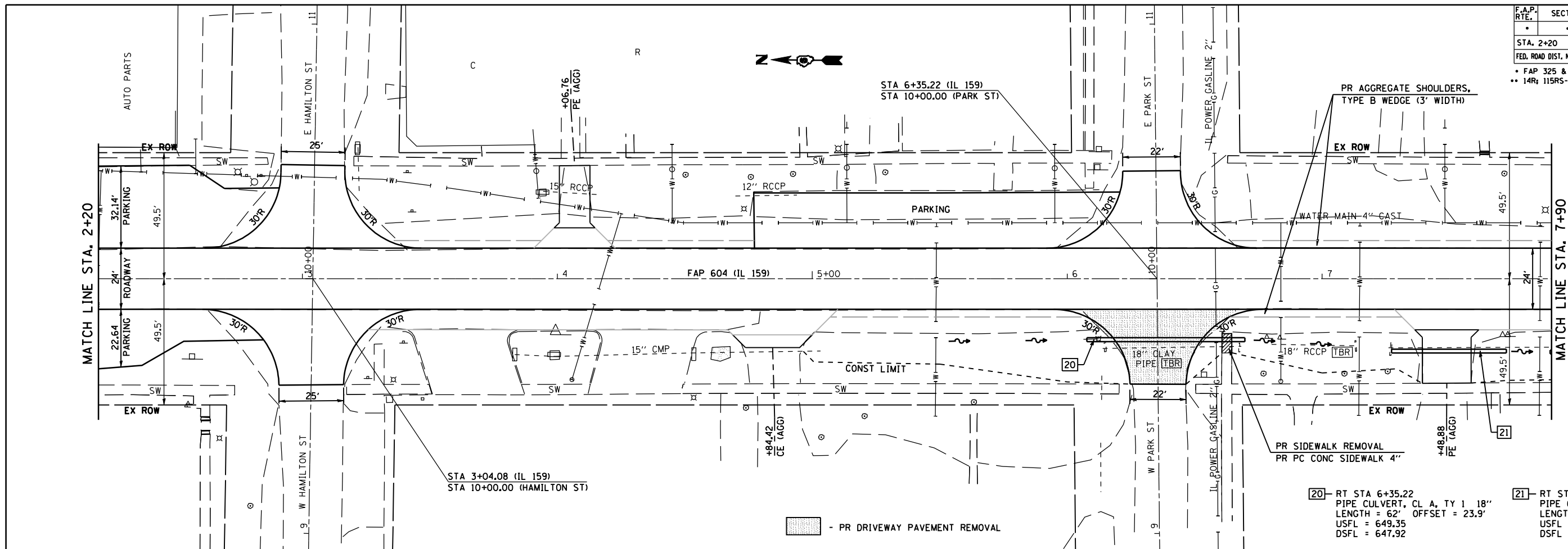


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	**	MACOUPIN	231	59
STA. 2+20		TO STA. 7+90		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• FAP 325 & FAP 604 •• 14R 115R5-2; 116R5-4; 101R5-2				

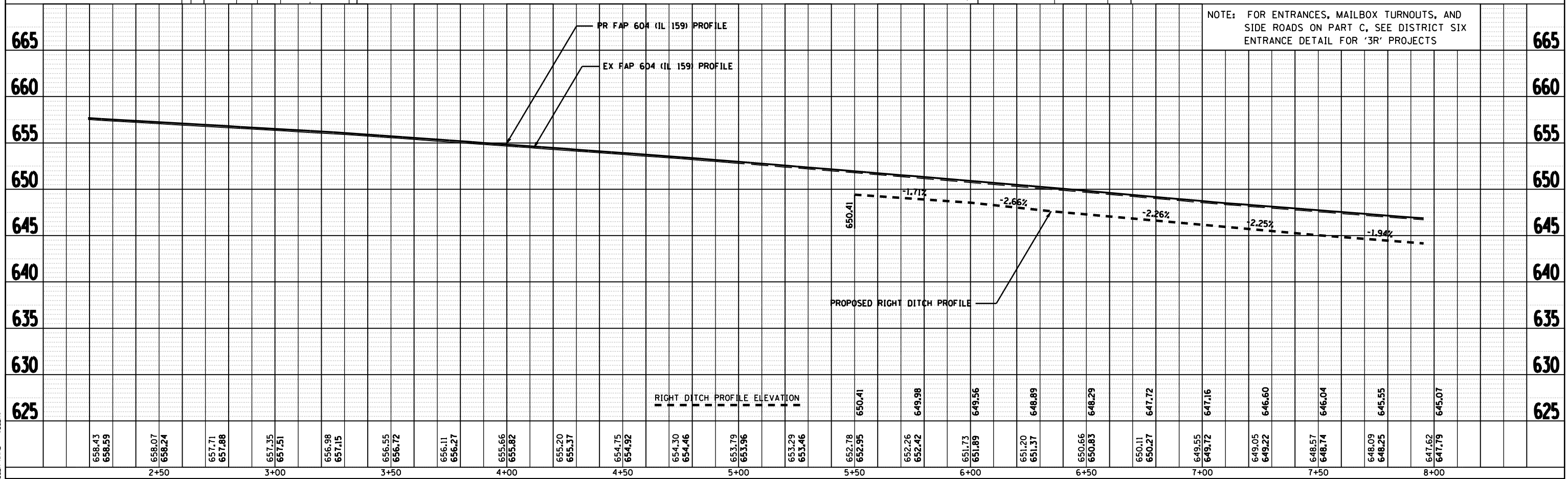
PLAN	SURVEYED	BY	DATE
NO. _____	PLOTTED		
	NOTED		
	BY		
	NO. _____		

PROFILE	SURVEYED	BY	DATE
NO. _____	PLOTTED		
	NOTED		
	BY		
	NO. _____		

PLOT DATE = 8/20/08
 FILE NAME = #FILES#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#



- [20] - RT STA 6+35.22
 PIPE CULVERT, CL A, TY 1 18"
 LENGTH = 62' OFFSET = 23.9'
 USFL = 649.35
 DSFL = 647.92
- [21] - RT STA 7+48.88
 PIPE CULVERT, CL D, TY 1 18"
 LENGTH = 45' OFFSET = 28.4'
 USFL = 646.55
 DSFL = 645.59



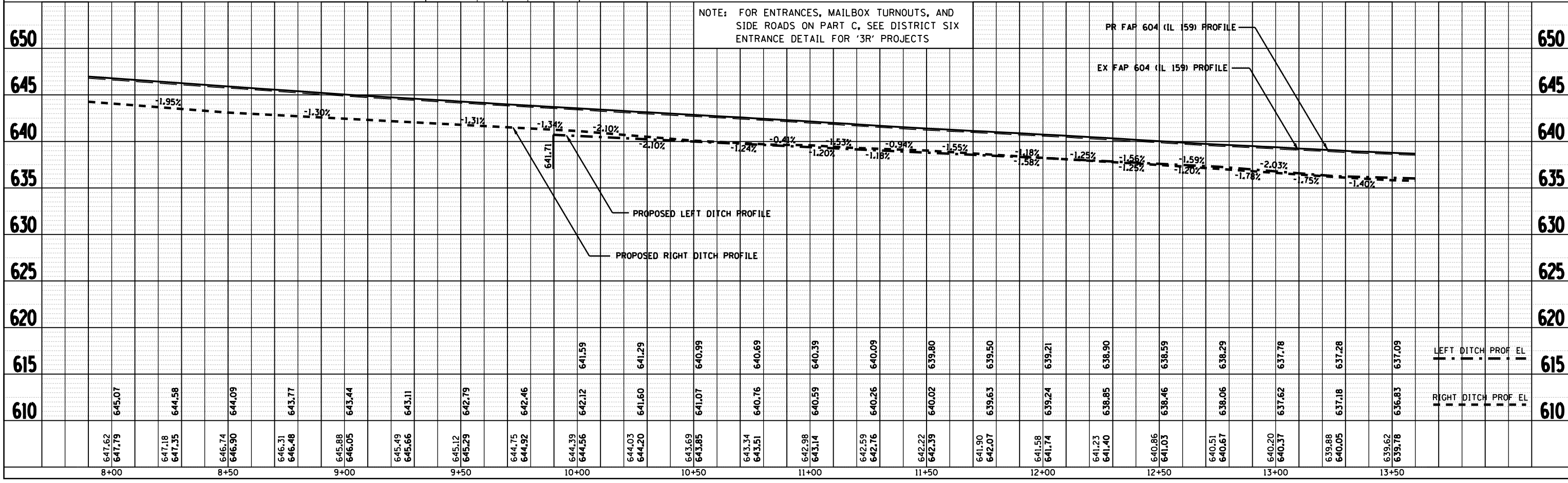
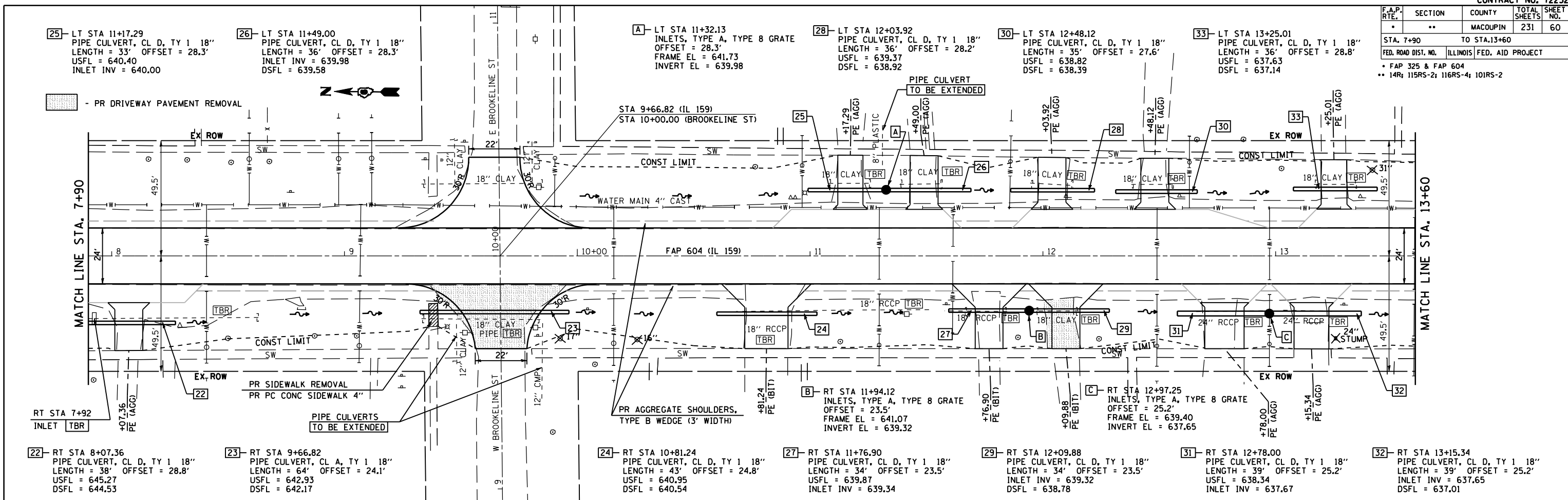
NOTE: FOR ENTRANCES, MAILBOX TURNOUTS, AND SIDE ROADS ON PART C, SEE DISTRICT SIX ENTRANCE DETAIL FOR '3R' PROJECTS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	..	MACOUPIN	231	60
STA. 7+90		TO STA.13+60		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• FAP 325 & FAP 604				
•• 14R 116RS-2; 116RS-4; 101RS-2				

PLAN	SURVEYED	BY	DATE
NOTED	BY		
NOTED	BY		
NOTED	BY		
NOTED	BY		

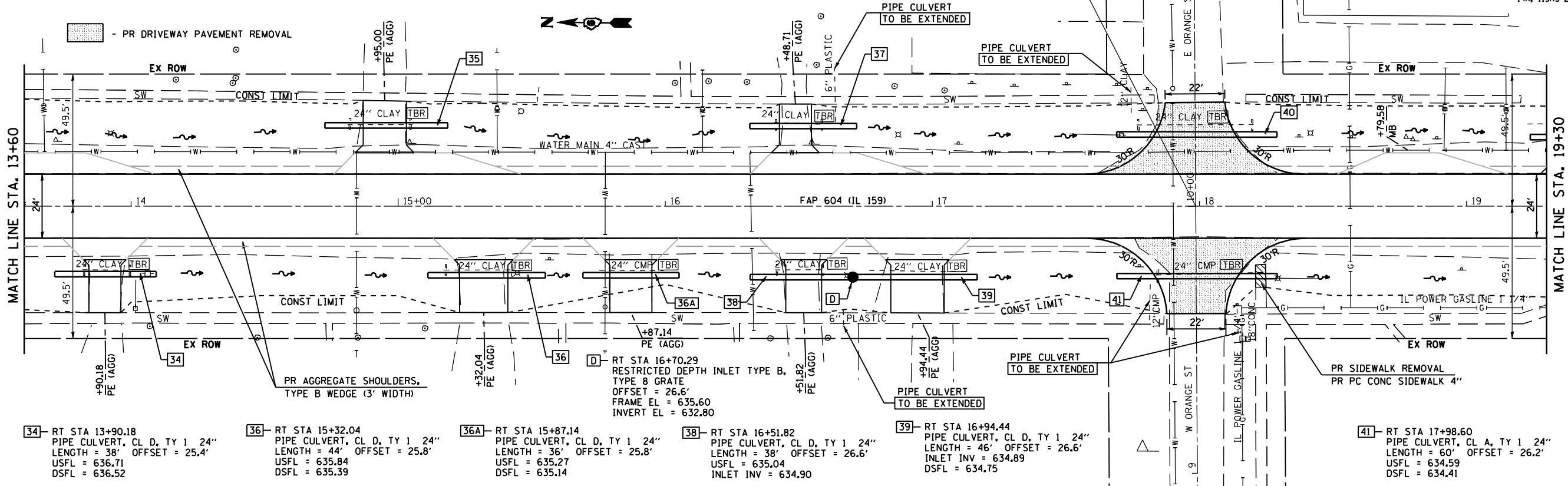
PROFILE	SURVEYED	BY	DATE
NOTED	BY		
NOTED	BY		
NOTED	BY		
NOTED	BY		

PLOT DATE = #DATES
 FILE NAME = #FILES
 PLOT SCALE = #SCALES
 USER NAME = #USERS



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	61
STA. 13+60		TO STA. 19+30		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• FAP 325 & FAP 604 •• 14R; 115RS-2; 116RS-4; 101RS-2				

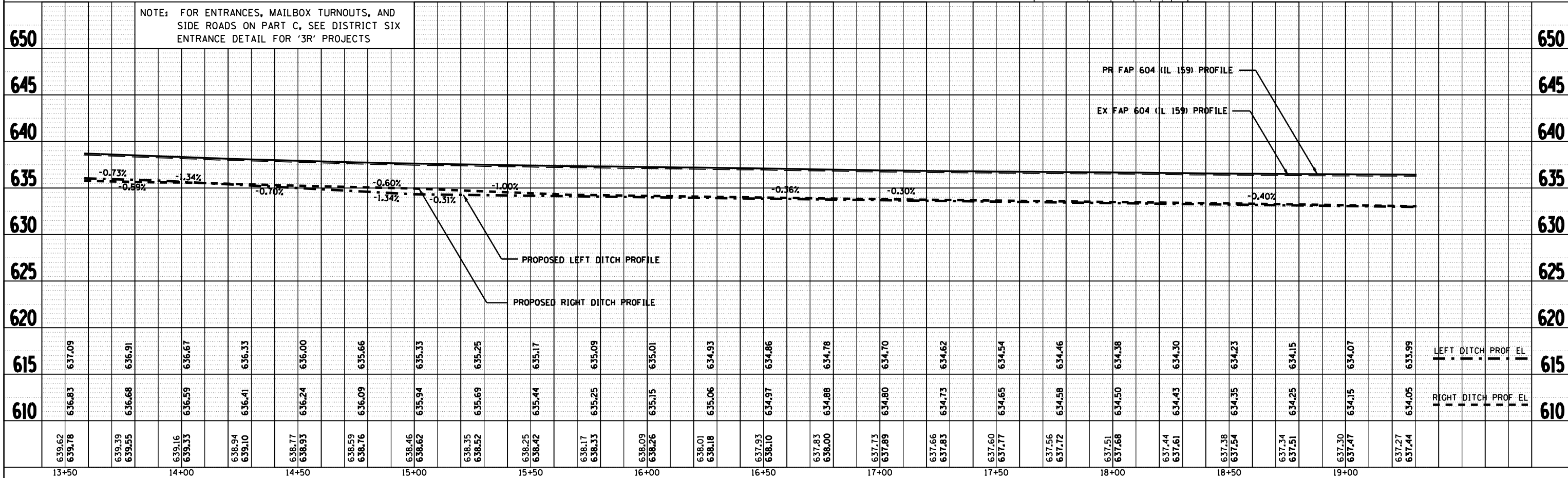
- 35- LT STA 14+95.00
PIPE CULVERT, CL D, TY 1 24"
LENGTH = 46' OFFSET = 30.3'
USFL = 635.70
DSFL = 635.27
- 37- LT STA 16+48.71
PIPE CULVERT, CL D, TY 1 24"
LENGTH = 40' OFFSET = 30.0'
USFL = 634.91
DSFL = 634.79
- 40- LT STA 17+98.60
PIPE CULVERT, CL A, TY 1 24"
LENGTH = 60' OFFSET = 26.9'
USFL = 634.48
DSFL = 634.30



- 34- RT STA 13+90.18
PIPE CULVERT, CL D, TY 1 24"
LENGTH = 38' OFFSET = 25.4'
USFL = 636.71
DSFL = 636.52
- 36- RT STA 15+32.04
PIPE CULVERT, CL D, TY 1 24"
LENGTH = 44' OFFSET = 25.8'
USFL = 635.84
DSFL = 635.39
- 36A- RT STA 15+87.14
PIPE CULVERT, CL D, TY 1 24"
LENGTH = 36' OFFSET = 25.8'
USFL = 635.27
DSFL = 635.14
- 38- RT STA 16+51.82
PIPE CULVERT, CL D, TY 1 24"
LENGTH = 38' OFFSET = 26.6'
USFL = 635.04
INLET INV = 634.90
- 39- RT STA 16+94.44
PIPE CULVERT, CL D, TY 1 24"
LENGTH = 46' OFFSET = 26.6'
INLET INV = 634.89
DSFL = 634.75
- 41- RT STA 17+98.60
PIPE CULVERT, CL A, TY 1 24"
LENGTH = 60' OFFSET = 26.2'
USFL = 634.59
DSFL = 634.41

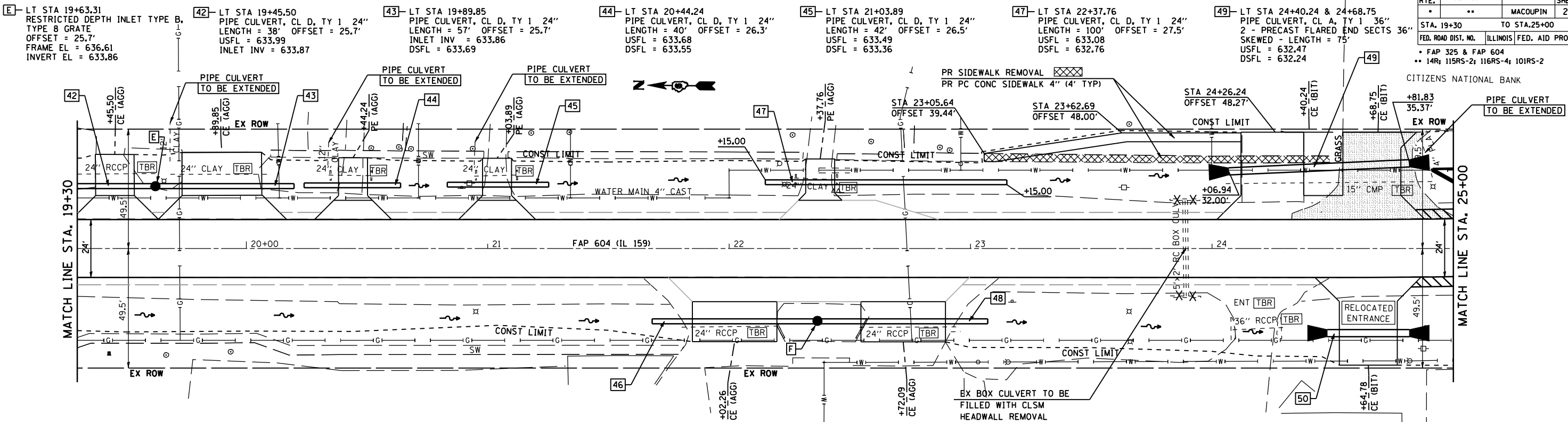
PLAN	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
NO.	

PROFILE	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
NO.	



PLOT DATE: 8/20/14
FILE NAME: 115RS-2
PLOT SCALE: 1"=40'
USER NAME: JUSERS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	62
STA. 19+30 TO STA. 25+00		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		
* FAP 325 & FAP 604 ** 14R 116RS-2; 116RS-4; 101RS-2				



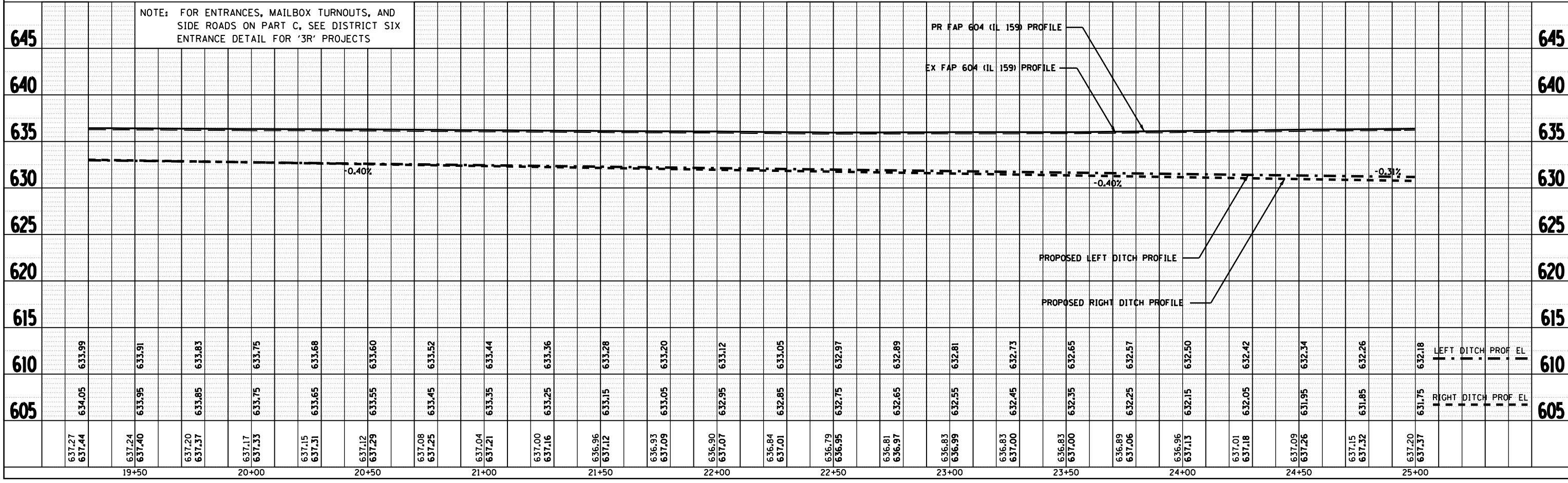
- [E] LT STA 19+63.31 RESTRICTED DEPTH INLET TYPE B, TYPE 8 GRATE, OFFSET = 25.7', FRAME EL = 636.61, INVERT EL = 633.86
- [42] LT STA 19+45.50 PIPE CULVERT, CL D, TY 1 24", LENGTH = 38', OFFSET = 25.7', USFL = 633.99, INLET INV = 633.87
- [43] LT STA 19+89.85 PIPE CULVERT, CL D, TY 1 24", LENGTH = 57', OFFSET = 25.7', INLET INV = 633.86, DSFL = 633.69
- [44] LT STA 20+44.24 PIPE CULVERT, CL D, TY 1 24", LENGTH = 40', OFFSET = 26.3', USFL = 633.68, DSFL = 633.55
- [45] LT STA 21+03.89 PIPE CULVERT, CL D, TY 1 24", LENGTH = 42', OFFSET = 26.5', USFL = 633.49, DSFL = 633.36
- [47] LT STA 22+37.76 PIPE CULVERT, CL D, TY 1 24", LENGTH = 100', OFFSET = 27.5', USFL = 633.08, DSFL = 632.76
- [49] LT STA 24+40.24 & 24+68.75 PIPE CULVERT, CL A, TY 1 36", 2 - PRECAST FLARED END SECTS 36", SKEWED - LENGTH = 75', USFL = 632.47, DSFL = 632.24
- [46] RT STA 22+02.26 PIPE CULVERT, CL D, TY 1 24", LENGTH = 68', OFFSET = 28.5', USFL = 633.08, INLET INV = 632.80
- [48] RT STA 22+72.09 PIPE CULVERT, CL D, TY 1 24", LENGTH = 70', OFFSET = 28.5', INLET INV = 632.79, DSFL = 632.52
- [50] RT STA 24+64.78 PIPE CULVERT, CL A, TY 1 36", 2 - PRECAST FLARED END SECTS, LENGTH = 34', OFFSET = 35.1', USFL = 631.96, DSFL = 631.83

DATE	BY

SURVEYED
 PLOTTED
 CHECKED
 NO. OF WAY CHECKED
 DATE FILE NAME

DATE	BY

PROFILE
 SURVEYED
 PLOTTED
 CHECKED
 NO. OF WAY CHECKED
 DATE FILE NAME



PLOT DATE = 8/24/08
 FILE NAME = #FILES#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	63

STA. 25+00 TO STA.30+00
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

* FAP 325 & FAP 604
 ** 14R1 115R5-2; 116R5-4; 101R5-2

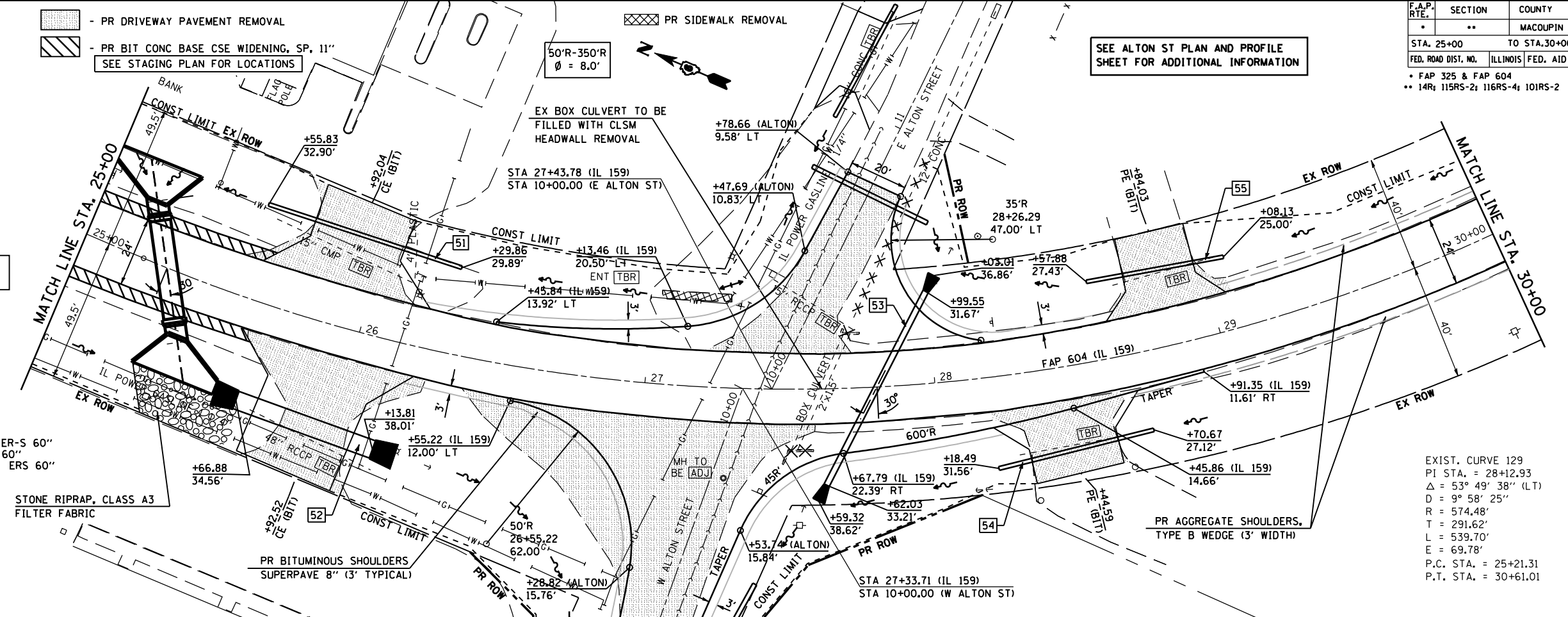
SEE ALTON ST PLAN AND PROFILE SHEET FOR ADDITIONAL INFORMATION

DATE	BY

DATE	BY

PLOT DATE = 8/24/25
 FILE NAME = #FILES#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#

- 51** LT STA 25+92.04
 PIPE CULVERT, CL D, TY 1 15"
 SKEWED
 LENGTH = 70' OFFSET = 32.6'
 USFL = 633.37
 DSFL = 632.60
- 55** LT STA 28+84.03
 PIPE CULVERT, CL D, TY 1 15"
 SKEWED
 LENGTH = 48'
 USFL = 635.82
 DSFL = 634.99
- STA 28+84.03 SKEWED 30°
 PRECAST BOX CULVERT 3' X 6' W
 CAST-IN-PLACE HEADWALLS LT & RT
- SEE BOX CULVERT AND STAGING
 DETAILS FOR ADDITIONAL INFORMATION
- 53** STA 27+80.00
 PIPE CULVERT, CL A, TY 1 24"
 FLARED END SECTIONS LT & RT
 SKEWED, LENGTH = 75'
 USFL = 633.58
 DSFL = 633.48
- 52** RT STA 25+92.52
 PIPE CULVERTS, CLASS A, TYPE 1 REIN CONC ER-S 60"
 PRECAST REIN CONC FLAR END SECTION ER-S 60"
 GRATING FOR CONCRETE FLARED END SECTION ER-S 60"
 SKEWED - LENGTH = 50'
 USFL = 631.48
 DSFL = 631.30
- 54** RT STA 28+44.59
 PIPE CULVERT, CL D, TY 1 15"
 LENGTH = 55'
 USFL = 636.37
 DSFL = 635.36



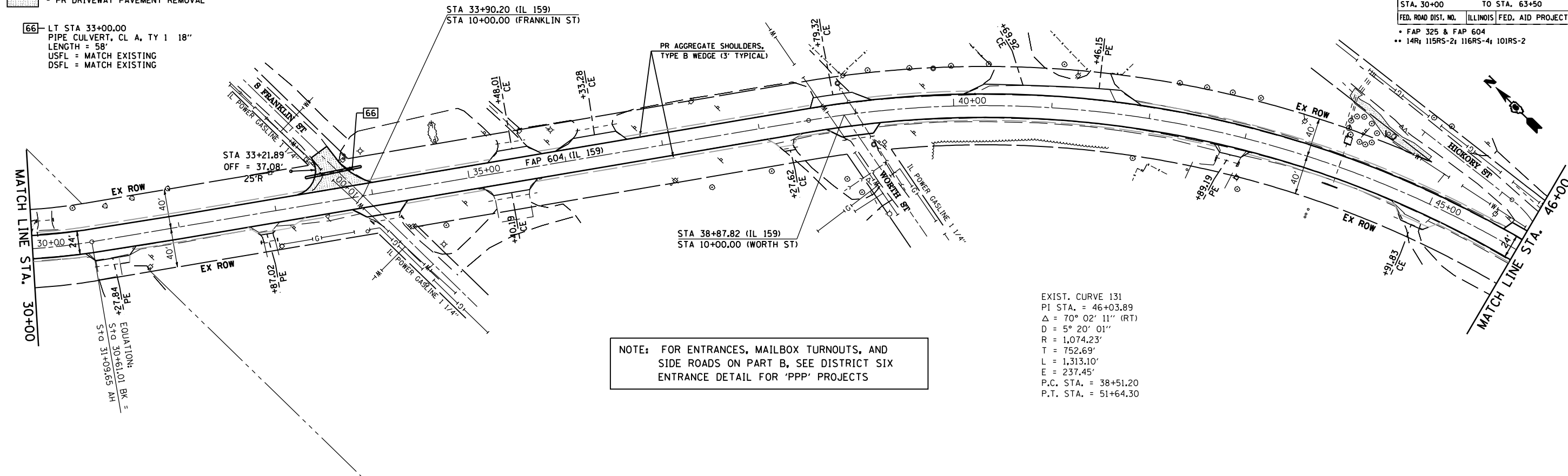
640																					640																						
645	PROPOSED LEFT DITCH PROFILE																				645																						
640	PROPOSED RIGHT DITCH PROFILE																				640																						
635	PR FAP 604 (IL 159) PROFILE																				635																						
630	EX FAP 604 (IL 159) PROFILE																				630																						
625	PR PIPE CULV. CL A, TY 1 24" WITH PRECAST FLARED END SECT																				625																						
620	PROPOSED RIGHT DITCH PROFILE																				620																						
615	PROPOSED LEFT DITCH PROFILE																				615																						
610	3'(H)X6'(W) PRECAST BOX CULVERT WITH CAST-IN-PLACE HEADWALL																				610																						
	LEFT DITCH PROFILE ELEVATION																					RIGHT DITCH PROFILE ELEVATION																					
	637.20	637.37	637.27	637.43	637.33	637.50	637.43	637.60	637.52	637.69	637.57	637.74	637.60	637.77	637.62	637.78	637.63	637.80	637.77	637.94	637.92	638.09	638.03	638.20	638.13	638.30	638.24	638.40	638.34	638.51	638.51	638.68	638.70	638.87	638.82	638.99	638.94	639.11	639.02	639.19	639.14	639.31	
	25+00	25+50	26+00	26+50	27+00	27+50	28+00	28+50	29+00	29+50	30+00													30+00																			

NOTE: FOR ENTRANCES, MAILBOX TURNOUTS, AND SIDE ROADS ON PART C, SEE DISTRICT SIX ENTRANCE DETAIL FOR '3R' PROJECTS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	64
STA. 30+00		TO STA. 63+50		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* FAP 325 & FAP 604				
** 14R 115RS-2; 116RS-4; 101RS-2				

PR DRIVEWAY PAVEMENT REMOVAL

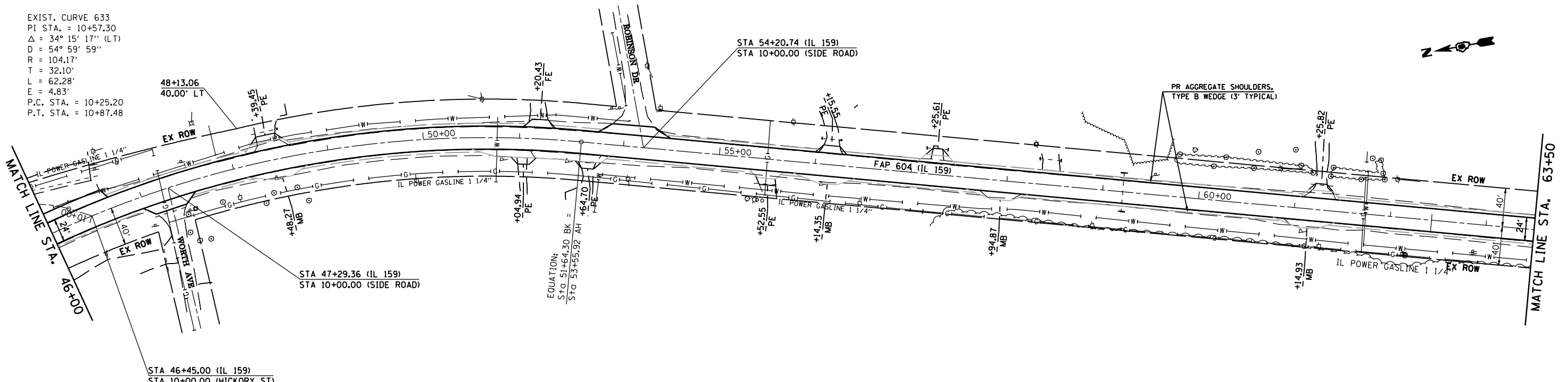
66 LT STA 33+00.00
PIPE CULVERT, CL A, TY 1 18"
LENGTH = 58'
USFL = MATCH EXISTING
DSFL = MATCH EXISTING



NOTE: FOR ENTRANCES, MAILBOX TURNOUTS, AND SIDE ROADS ON PART B, SEE DISTRICT SIX ENTRANCE DETAIL FOR 'PPP' PROJECTS

EXIST. CURVE 131
PI STA. = 46+03.89
 $\Delta = 70^\circ 02' 11''$ (RT)
D = 5° 20' 01"
R = 1,074.23'
T = 752.69'
L = 1,313.10'
E = 237.45'
P.C. STA. = 38+51.20
P.T. STA. = 51+64.30

EXIST. CURVE 633
PI STA. = 10+57.30
 $\Delta = 34^\circ 15' 17''$ (LT)
D = 54° 59' 59"
R = 104.17'
T = 32.10'
L = 62.28'
E = 4.83'
P.C. STA. = 10+25.20
P.T. STA. = 10+87.48



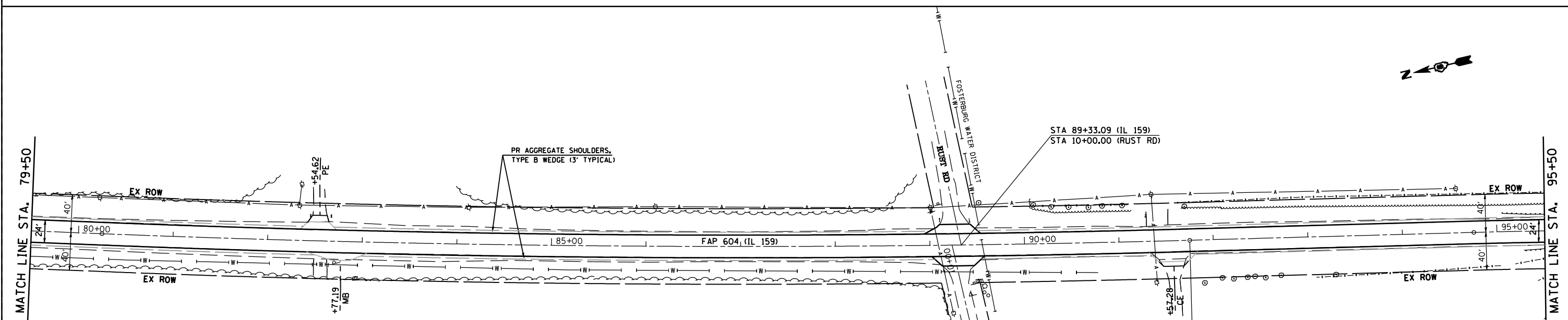
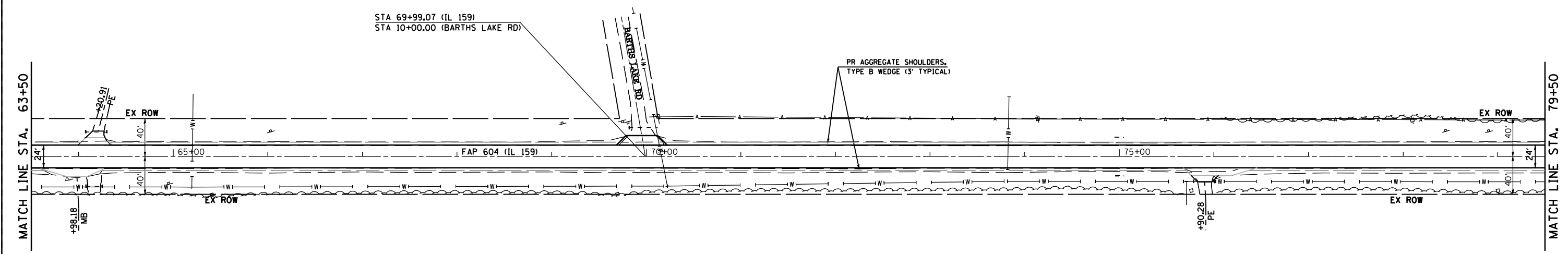
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
FAP 325 (IL 16) & FAP 604 (IL 159)
SECTION 14R; 115RS-2; 116RS-4; 101RS-2
MACOUPIN COUNTY
SCALE: 1" = 50'
DATE: **DATE**
DRAWN BY: _____
CHECKED BY: _____

PLOT DATE: **DATE**
PLOT SCALE: **SCALE**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	65
STA. 63+50		TO STA. 95+50		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* FAP 325 & FAP 604 ** 14R; 116RS-2; 116RS-4; 101RS-2				

NOTE: FOR ENTRANCES, MAILBOX TURNOUTS, AND SIDE ROADS ON PART B, SEE DISTRICT SIX ENTRANCE DETAIL FOR 'PPP' PROJECTS



EXIST. CURVE 134
 PI STA. = 86+00.00
 $\Delta = 3^\circ 52' 21''$ (LT)
 $D = 0^\circ 20' 12''$
 $R = 17,015.47'$
 $T = 575.22'$
 $L = 1,150.00'$
 $E = 9.72'$
 P.C. STA. = 80+24.78
 P.T. STA. = 91+74.78

EQUATION:
 $Sta\ 91+74.78\ BK =$
 $Sta\ 91+75.20\ AH$

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
 FAP 325 (IL 16) & FAP 604 (IL 159)
 SECTION 14R; 116RS-2; 116RS-4; 101RS-2
 MACOUPIN COUNTY
 SCALE: 1" = 50'
 DATE: **DATE**
 DRAWN BY: _____
 CHECKED BY: _____

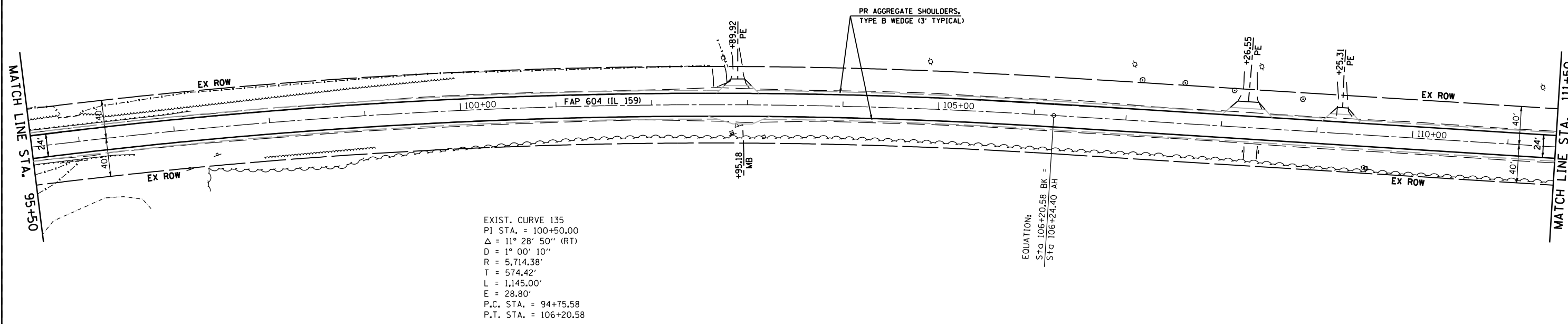
PLOT DATE: *DATE*
 PLOT SCALE: *SCALE*

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	66

STA. 95+50 TO STA. 127+50
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

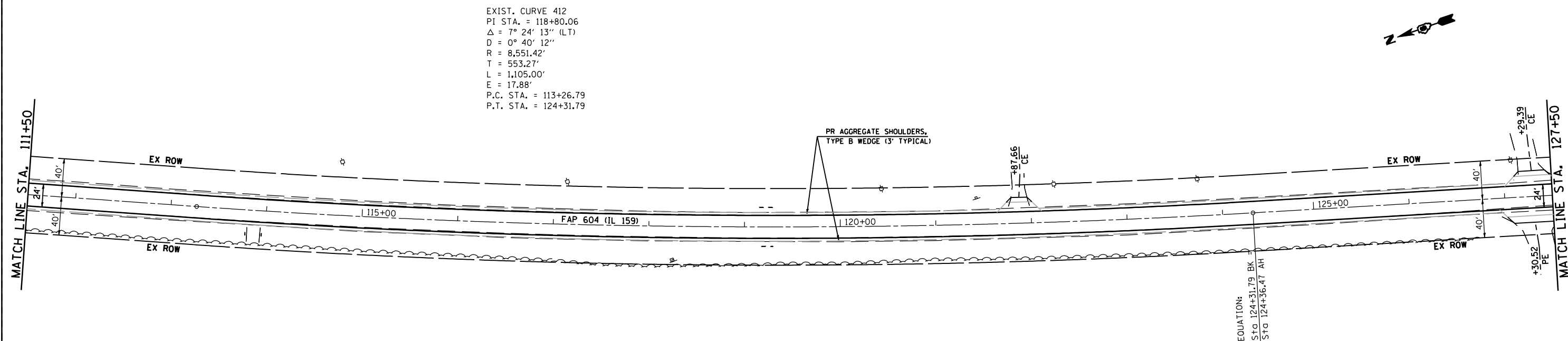
* FAP 325 & FAP 604
 ** 14R; 115RS-2; 116RS-4; 101RS-2

NOTE: FOR ENTRANCES, MAILBOX TURNOUTS, AND SIDE ROADS ON PART B, SEE DISTRICT SIX ENTRANCE DETAIL FOR 'PPP' PROJECTS



EXIST. CURVE 135
 P.I. STA. = 100+50.00
 $\Delta = 11^\circ 28' 50''$ (RT)
 $D = 1^\circ 00' 10''$
 $R = 5,714.38'$
 $T = 574.42'$
 $L = 1,145.00'$
 $E = 28.80'$
 P.C. STA. = 94+75.58
 P.T. STA. = 106+20.58

EQUATION:
 $Sta\ 106+20.58\ BK =$
 $Sta\ 106+24.40\ AH$



EXIST. CURVE 412
 P.I. STA. = 118+80.06
 $\Delta = 7^\circ 24' 13''$ (LT)
 $D = 0^\circ 40' 12''$
 $R = 8,551.42'$
 $T = 553.27'$
 $L = 1,105.00'$
 $E = 17.88'$
 P.C. STA. = 113+26.79
 P.T. STA. = 124+31.79

EQUATION:
 $Sta\ 124+31.79\ BK =$
 $Sta\ 124+36.47\ AH$

PLOT DATE = *DATE*
 PLOT SCALE = *SCALE*

REVISIONS	
NAME	DATE

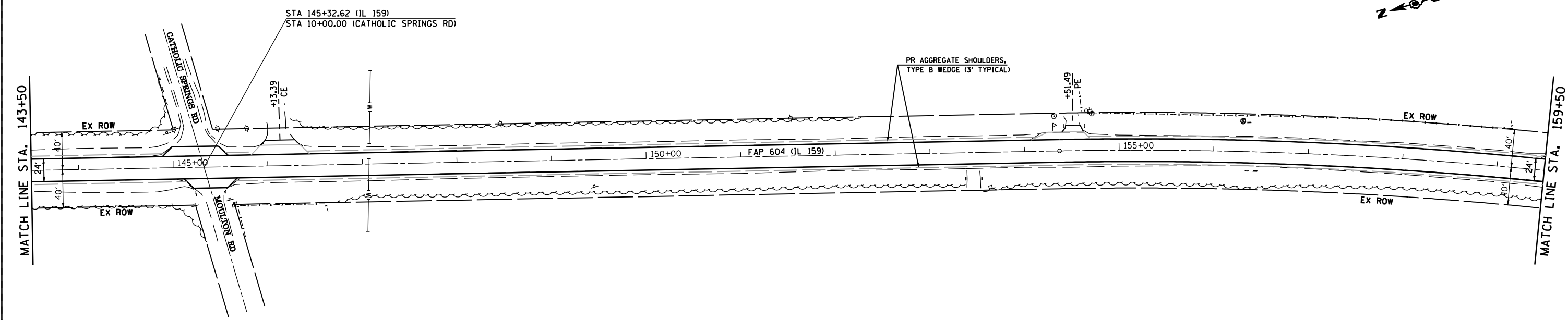
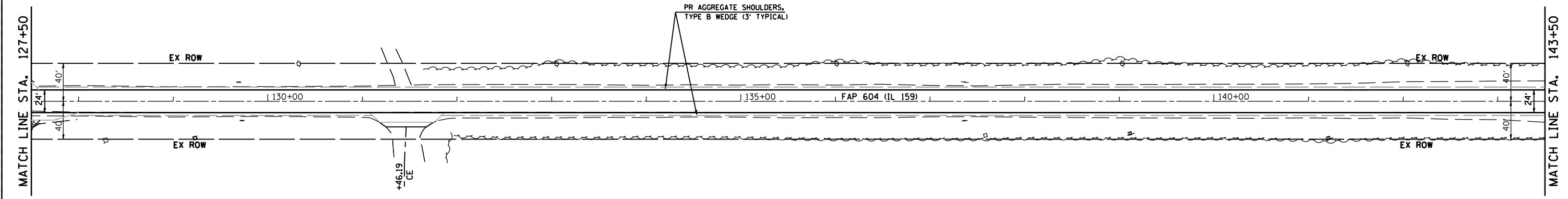
ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
 FAP 325 (IL 16) & FAP 604 (IL 159)
 SECTION 14R; 115RS-2; 116RS-4; 101RS-2
 MACOUPIN COUNTY
 SCALE: 1" = 50'
 DATE **DATE**
 DRAWN BY
 CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	67

STA. 127+50 TO STA. 159+50
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

- * FAP 325 & FAP 604
- ** 14R; 115RS-2; 116RS-4; 101RS-2

NOTE: FOR ENTRANCES, MAILBOX TURNOUTS, AND SIDE ROADS ON PART B, SEE DISTRICT SIX ENTRANCE DETAIL FOR 'PPP' PROJECTS



PLOT DATE * DATE *
 PLOT SCALE * SCALES

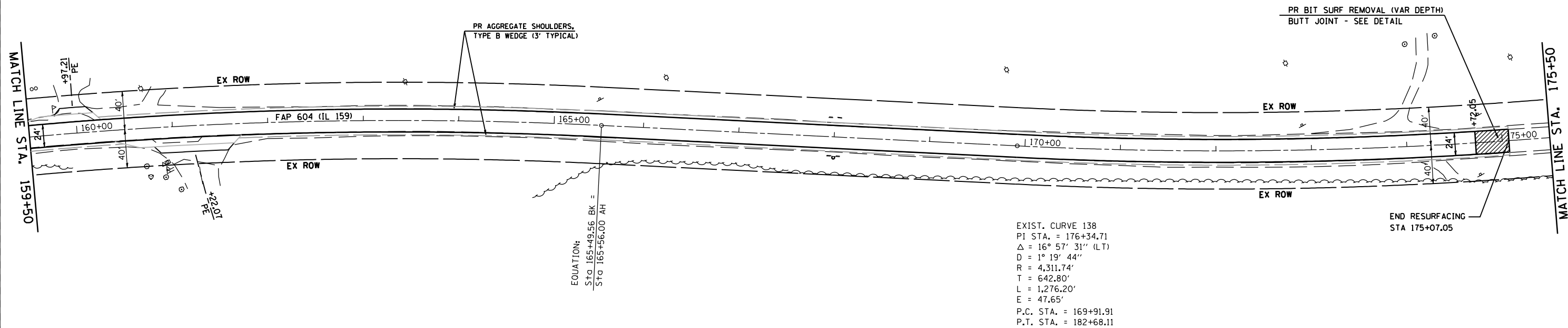
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
 FAP 325 (IL 16) & FAP 604 (IL 159)
 SECTION 14R; 115RS-2; 116RS-4; 101RS-2
 MACOUPIN COUNTY
 SCALE: 1" = 50'
 DATE **DATE**
 DRAWN BY
 CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	68
STA. 159+50		TO STA. 183+67		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• FAP 325 & FAP 604 •• 14R; 115RS-2; 116RS-4; 101RS-2				

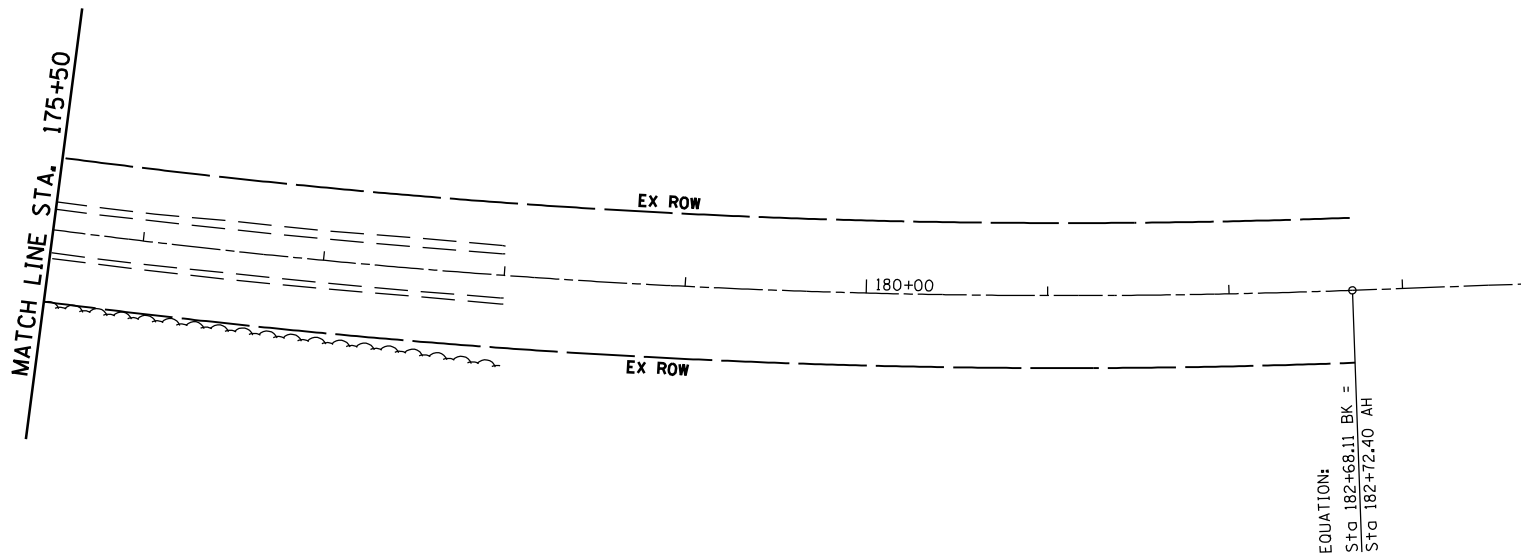
NOTE: FOR ENTRANCES, MAILBOX TURNOUTS, AND SIDE ROADS ON PART B, SEE DISTRICT SIX ENTRANCE DETAIL FOR 'PPP' PROJECTS

EXIST. CURVE 136
 PI STA. = 159+96.40
 $\Delta = 14^\circ 45' 04''$ (RT)
 $D = 1^\circ 19' 33''$
 $R = 4,321.12'$
 $T = 559.34'$
 $L = 1,112.50'$
 $E = 36.05'$
 P.C. STA. = 154+37.06
 P.T. STA. = 165+49.56



EQUATION:
 $\frac{Sta\ 165+49.56\ BK =}{Sta\ 165+56.00\ AH}$

EXIST. CURVE 138
 PI STA. = 176+34.71
 $\Delta = 16^\circ 57' 31''$ (LT)
 $D = 1^\circ 19' 44''$
 $R = 4,311.74'$
 $T = 642.80'$
 $L = 1,276.20'$
 $E = 47.65'$
 P.C. STA. = 169+91.91
 P.T. STA. = 182+68.11



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
 FAP 325 (IL 16) & FAP 604 (IL 159)
 SECTION 14R; 115RS-2; 116RS-4; 101RS-2
 MACOUPIN COUNTY
 SCALE: 1" = 50'
 DATE **DATE**
 DRAWN BY
 CHECKED BY

PLOT DATE * DATE *
 PLOT SCALE * SCALE *

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	69
STA. 10+00		TO STA. 13+60		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* FAP 325 & FAP 604 ** 14R; 115RS-2; 116RS-4; 101RS-2				

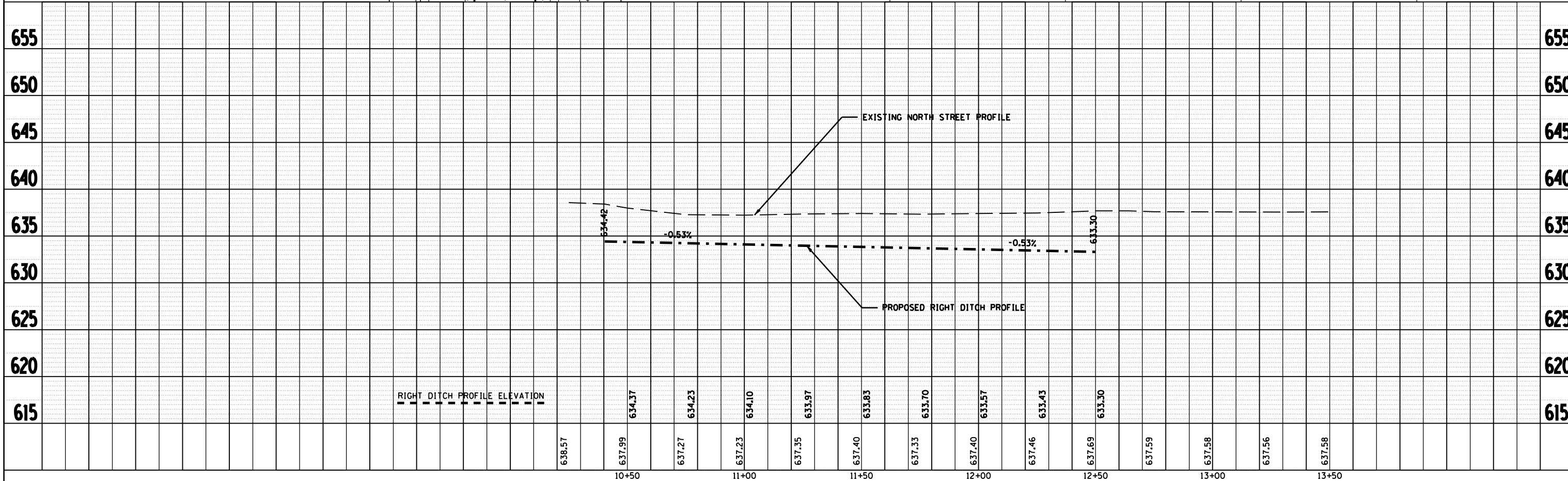
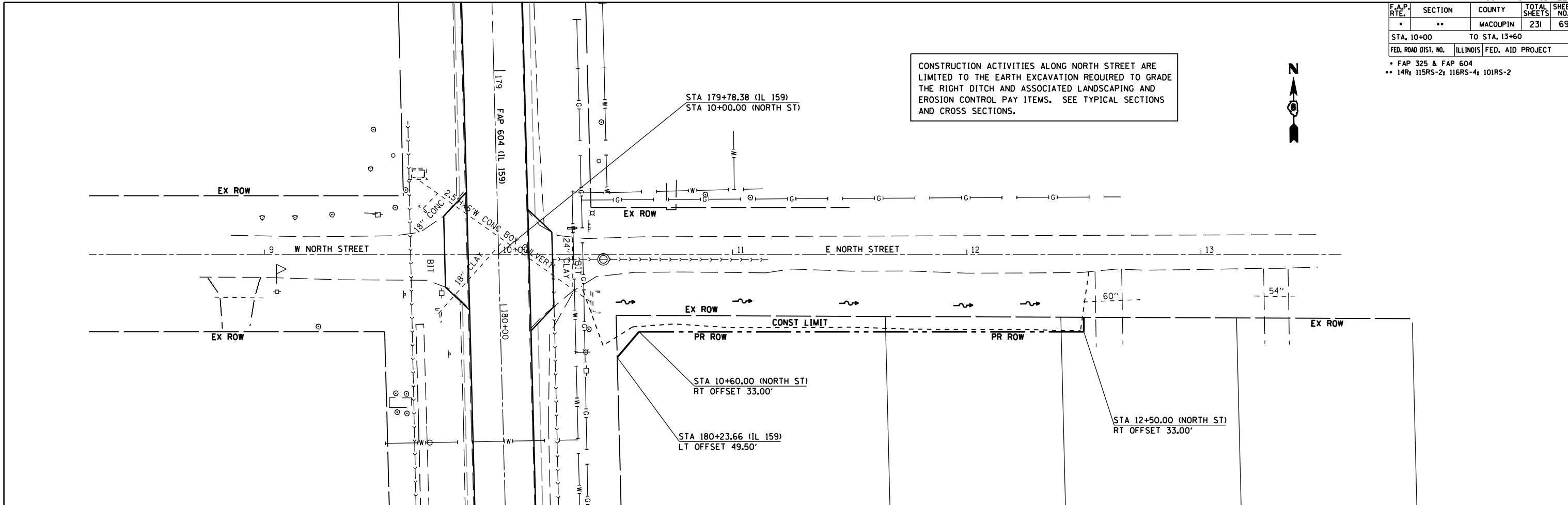
CONSTRUCTION ACTIVITIES ALONG NORTH STREET ARE LIMITED TO THE EARTH EXCAVATION REQUIRED TO GRADE THE RIGHT DITCH AND ASSOCIATED LANDSCAPING AND EROSION CONTROL PAY ITEMS. SEE TYPICAL SECTIONS AND CROSS SECTIONS.



PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTED		
	NOTED		
	NO. _____		

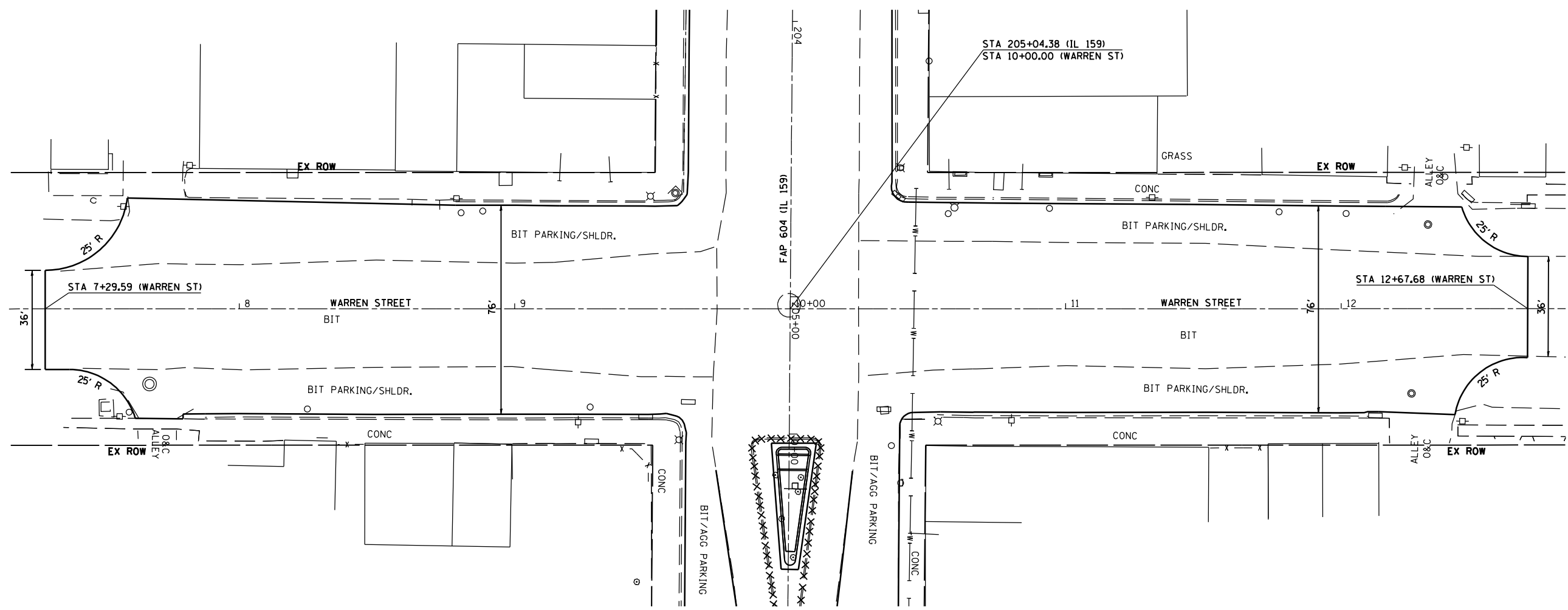
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	PLOTTED		
	NOTED		
	NO. _____		

PLOT DATE = #DATES
 FILE NAME = #FILES
 PLOT SCALE = #SCALES
 USER NAME = #USERS



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	70
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• FAP 325 & FAP 604 ** 14R; 116RS-2; 116RS-4; 101RS-2				

CONSTRUCTION ACTIVITIES ALONG WARREN STREET ARE LIMITED TO INLAYING 3/4" LEVELING BINDER AND 1 1/2" BITUMINOUS SURFACE COURSE AT THE CITY OF BUNKER HILL'S REQUEST. MATCH EXISING CROSS SLOPES. PAY LIMITS FOR THE CITY ARE THE RADIUS RETURNS OF THE PAVEMENT MARKINGS.



PLOT DATE : #DATE#
 FILE NAME : #FILE#
 PLOT SCALE : #SCALE#
 USER NAME : #USER#

REVISIONS	
NAME	DATE

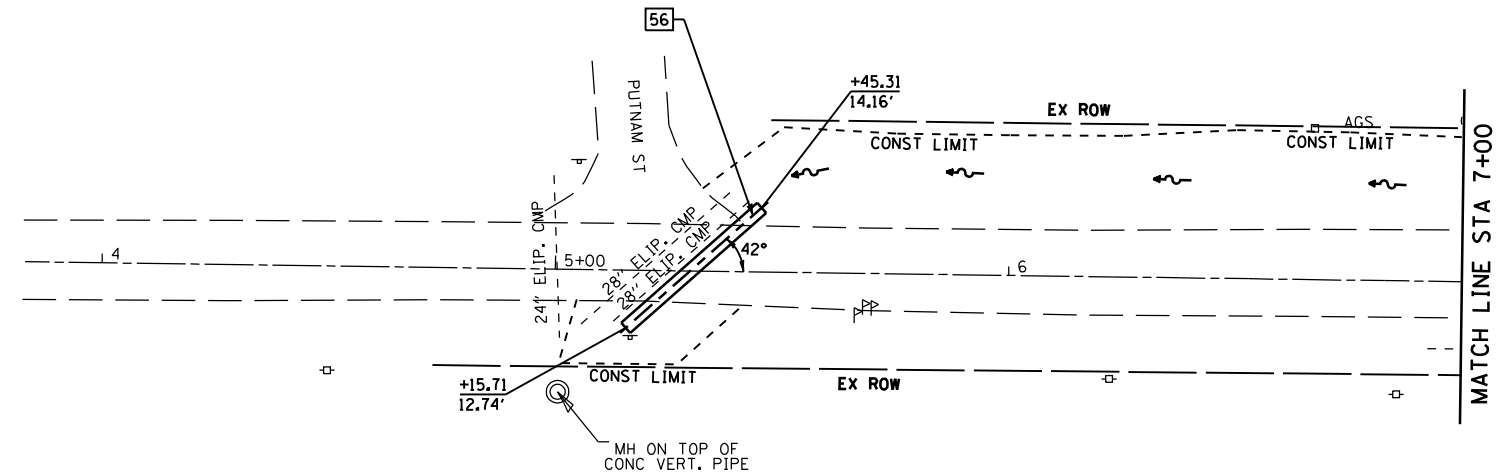
ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
 FAP 325 (IL 16) & FAP 604 (IL 159)
 SECTION 14R; 116RS-2; 116RS-4; 101RS-2
 MACOUPIN COUNTY
 SCALE: 1" = 20'
 DATE: #DATE#
 DRAWN BY: _____
 CHECKED BY: _____

WARREN STREET - PART C

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	71
STA. 3+84		TO STA. 7+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* FAP 325 & FAP 604				
** 14R; 115RS-2; 116RS-4; 101RS-2				



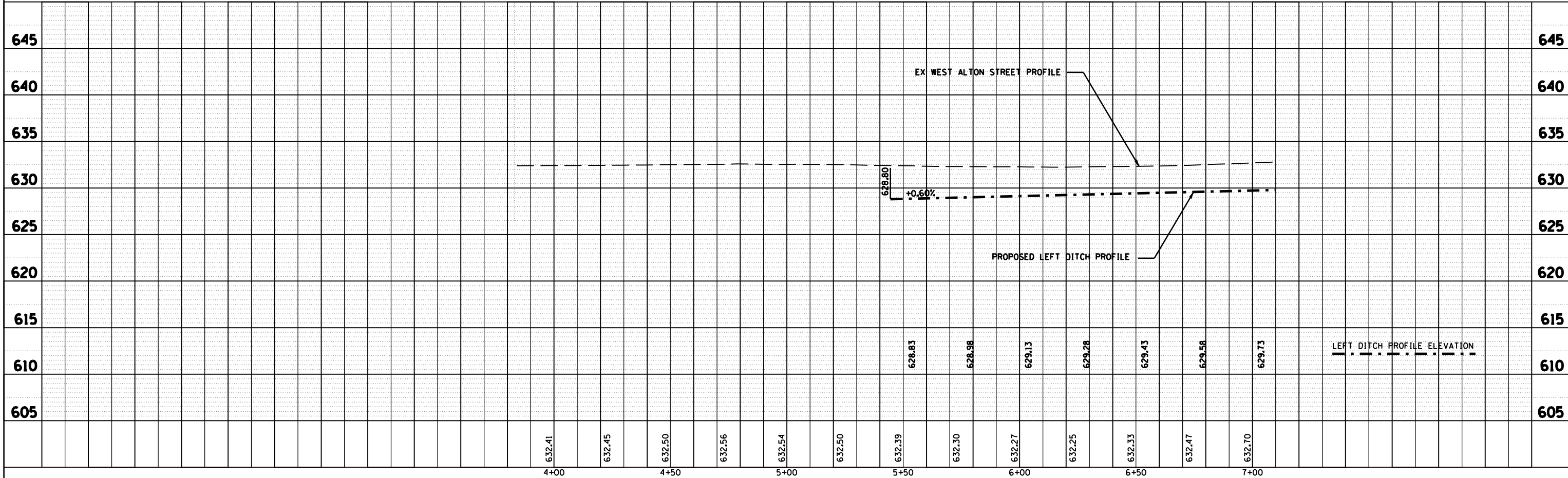
56- STA 5+29.72
 PIPE CULVERTS, CLASS A, TYPE 1, EQUIVALENT ROUND-SIZE 30"
 SKEWED - LENGTH = 40'
 USFL = 628.80
 DSFL = 628.69



PLAN	DATE
SURVEYED	
PLOTTED	
CHECKED	
BY	
NO.	

PROFILE	DATE
SURVEYED	
PLOTTED	
CHECKED	
BY	
NO.	

PLOT DATE: *
 DATE: *
 PLOT SCALE: *
 SCALE: *

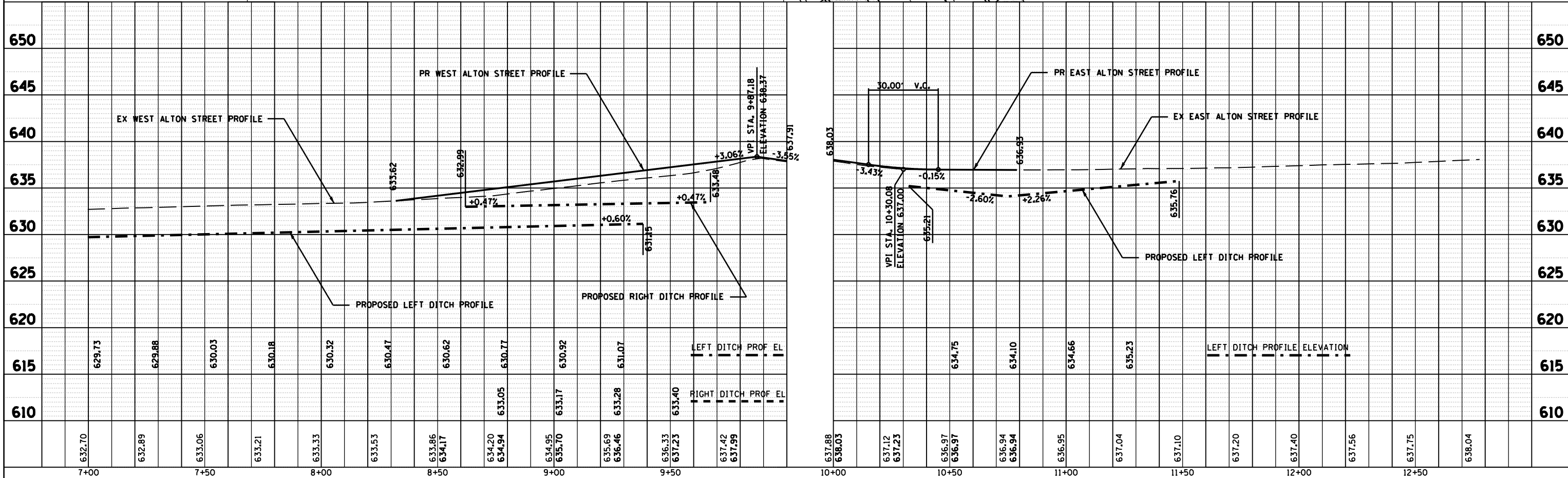
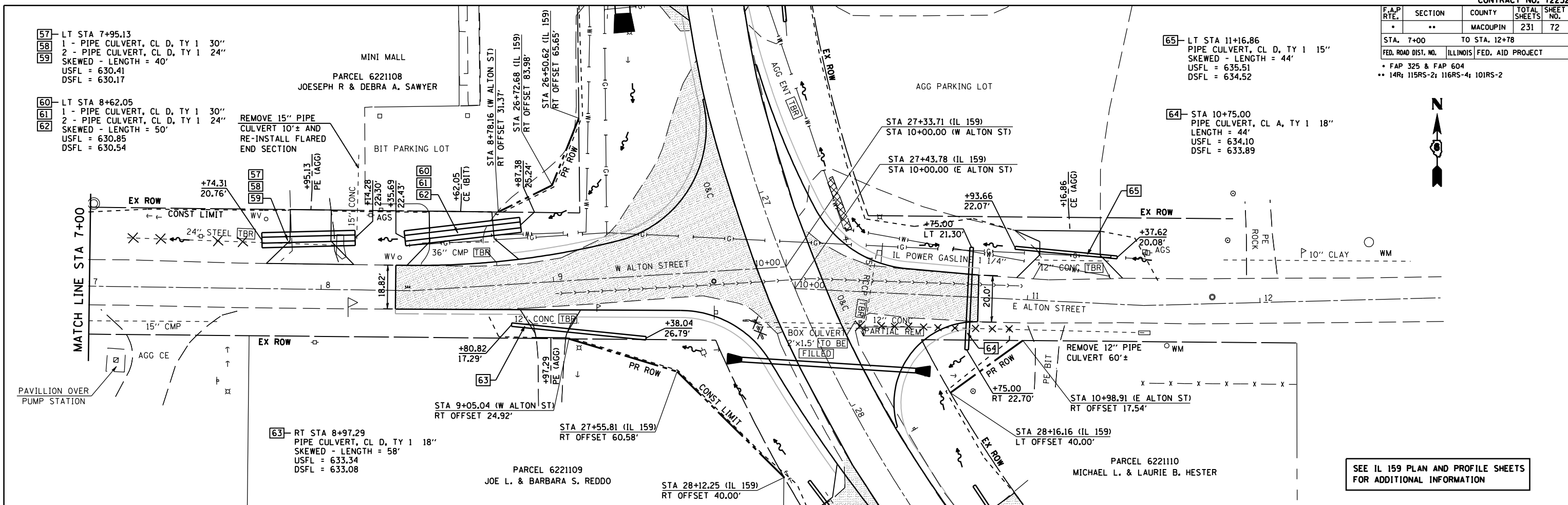


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	72
STA. 7+00		TO STA. 12+78		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* FAP 325 & FAP 604				
** 14R 115R5-2; 116R5-4; 101R5-2				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTED		
	NO. OF WAY CHECKED		
	NO. OF FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	NOTED		
	STRUCTURE NOTATIONS CHRD		

PLOT DATE: * DATE
 PLOT SCALE: * SCALES



SEE IL 159 PLAN AND PROFILE SHEETS FOR ADDITIONAL INFORMATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	73
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* FAP 325 & FAP 604 ** 14R; 115RS-2; 116RS-4; 101RS-2				

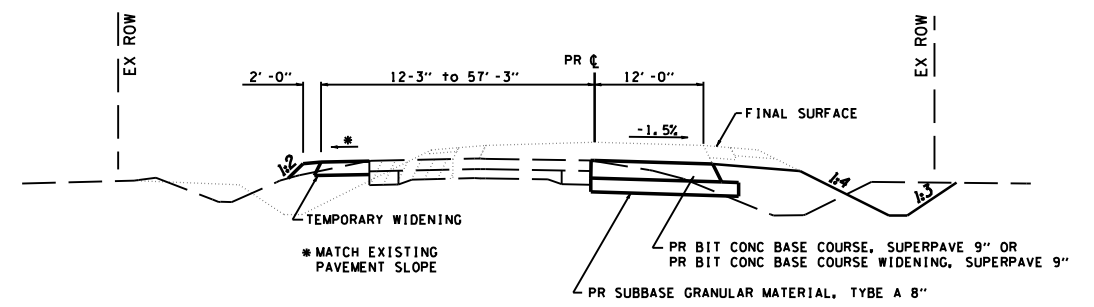
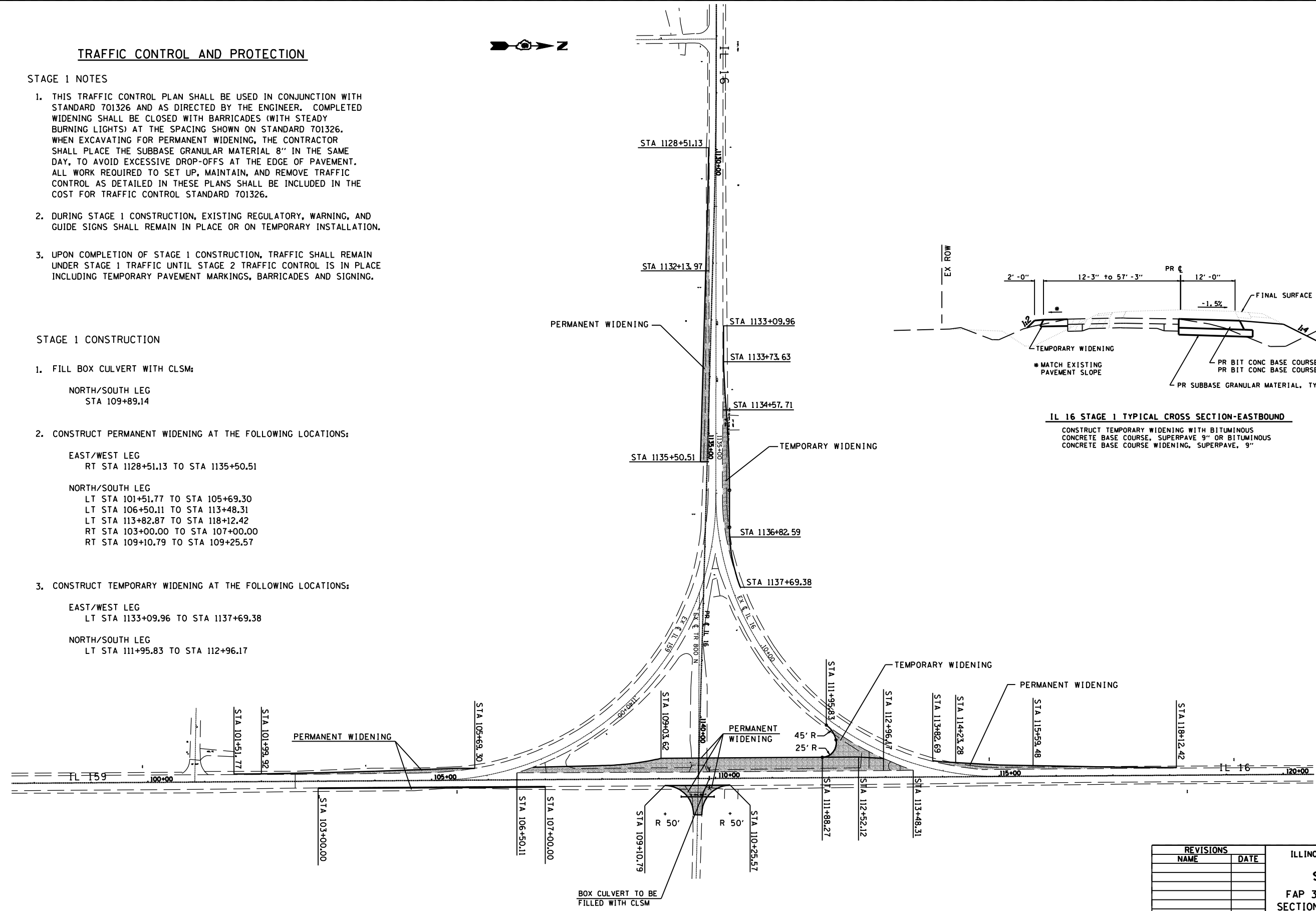
TRAFFIC CONTROL AND PROTECTION

STAGE 1 NOTES

1. THIS TRAFFIC CONTROL PLAN SHALL BE USED IN CONJUNCTION WITH STANDARD 701326 AND AS DIRECTED BY THE ENGINEER. COMPLETED WIDENING SHALL BE CLOSED WITH BARRICADES (WITH STEADY BURNING LIGHTS) AT THE SPACING SHOWN ON STANDARD 701326. WHEN EXCAVATING FOR PERMANENT WIDENING, THE CONTRACTOR SHALL PLACE THE SUBBASE GRANULAR MATERIAL 8" IN THE SAME DAY, TO AVOID EXCESSIVE DROP-OFFS AT THE EDGE OF PAVEMENT. ALL WORK REQUIRED TO SET UP, MAINTAIN, AND REMOVE TRAFFIC CONTROL AS DETAILED IN THESE PLANS SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL STANDARD 701326.
2. DURING STAGE 1 CONSTRUCTION, EXISTING REGULATORY, WARNING, AND GUIDE SIGNS SHALL REMAIN IN PLACE OR ON TEMPORARY INSTALLATION.
3. UPON COMPLETION OF STAGE 1 CONSTRUCTION, TRAFFIC SHALL REMAIN UNDER STAGE 1 TRAFFIC UNTIL STAGE 2 TRAFFIC CONTROL IS IN PLACE INCLUDING TEMPORARY PAVEMENT MARKINGS, BARRICADES AND SIGNING.

STAGE 1 CONSTRUCTION

1. FILL BOX CULVERT WITH CLSM;
 - NORTH/SOUTH LEG
STA 109+89.14
2. CONSTRUCT PERMANENT WIDENING AT THE FOLLOWING LOCATIONS:
 - EAST/WEST LEG
RT STA 1128+51.13 TO STA 1135+50.51
 - NORTH/SOUTH LEG
LT STA 101+51.77 TO STA 105+69.30
LT STA 106+50.11 TO STA 113+48.31
LT STA 113+82.87 TO STA 118+12.42
RT STA 103+00.00 TO STA 107+00.00
RT STA 109+10.79 TO STA 109+25.57
3. CONSTRUCT TEMPORARY WIDENING AT THE FOLLOWING LOCATIONS:
 - EAST/WEST LEG
LT STA 1133+09.96 TO STA 1137+69.38
 - NORTH/SOUTH LEG
LT STA 111+95.83 TO STA 112+96.17



IL 16 STAGE 1 TYPICAL CROSS SECTION-EASTBOUND

CONSTRUCT TEMPORARY WIDENING WITH BITUMINOUS CONCRETE BASE COURSE, SUPERPAVE 9" OR BITUMINOUS CONCRETE BASE COURSE WIDENING, SUPERPAVE, 9"

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STAGE 1 CONSTRUCTION
 FAP 325 (IL 16) & FAP 604 (IL 159)
 SECTION 14R; 115RS-2; 116RS-4; 101RS-2
 MACOUPIN COUNTY
 SCALE: VERT. _____
 HORIZ. _____
 DATE _____ DRAWN BY _____
 CHECKED BY _____

PLOT DATE = #DATES
 FILE NAME = #FILEL#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	74
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• FAP 325 & FAP 604 •• 14R; 115RS-2; 116RS-4; 101RS-2				

TRAFFIC CONTROL AND PROTECTION

STAGE 2 NOTES

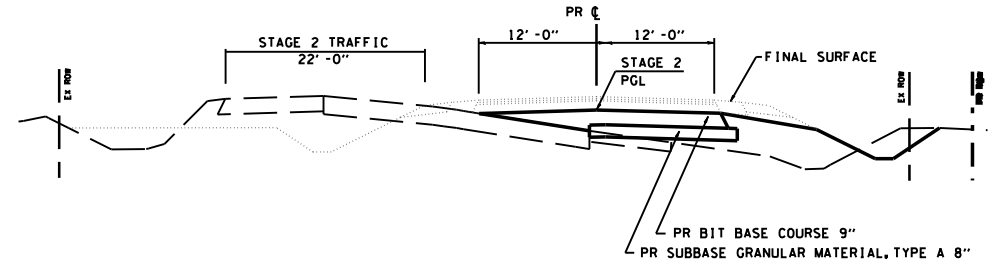
1. THIS TRAFFIC CONTROL PLAN SHALL BE USED IN CONJUNCTION WITH STANDARD 701326 AND AS DIRECTED BY THE ENGINEER. COMPLETED TEMPORARY WIDENING SHALL BE CLOSED WITH BARRICADES OR DRUMS AT THE SPACING SHOWN ON STANDARD 701326.

ALL WORK REQUIRED TO SET UP, MAINTAIN, AND REMOVE TRAFFIC CONTROL AS DETAILED IN THESE PLANS SHALL BE INCLUDED IN THE COST OF THE ASSOCIATED TRAFFIC CONTROL PAY ITEMS.

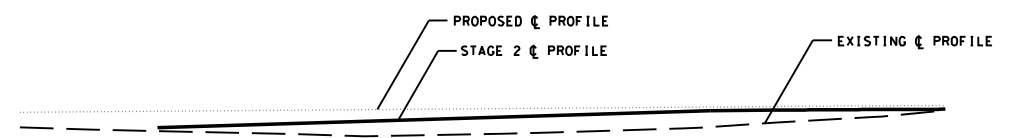
2. TEMPORARY BUILD UP EARTH AT PROPOSED EDGE OF PAVEMENT TO ELIMINATE DROP OFF.

STAGE 2 CONSTRUCTION

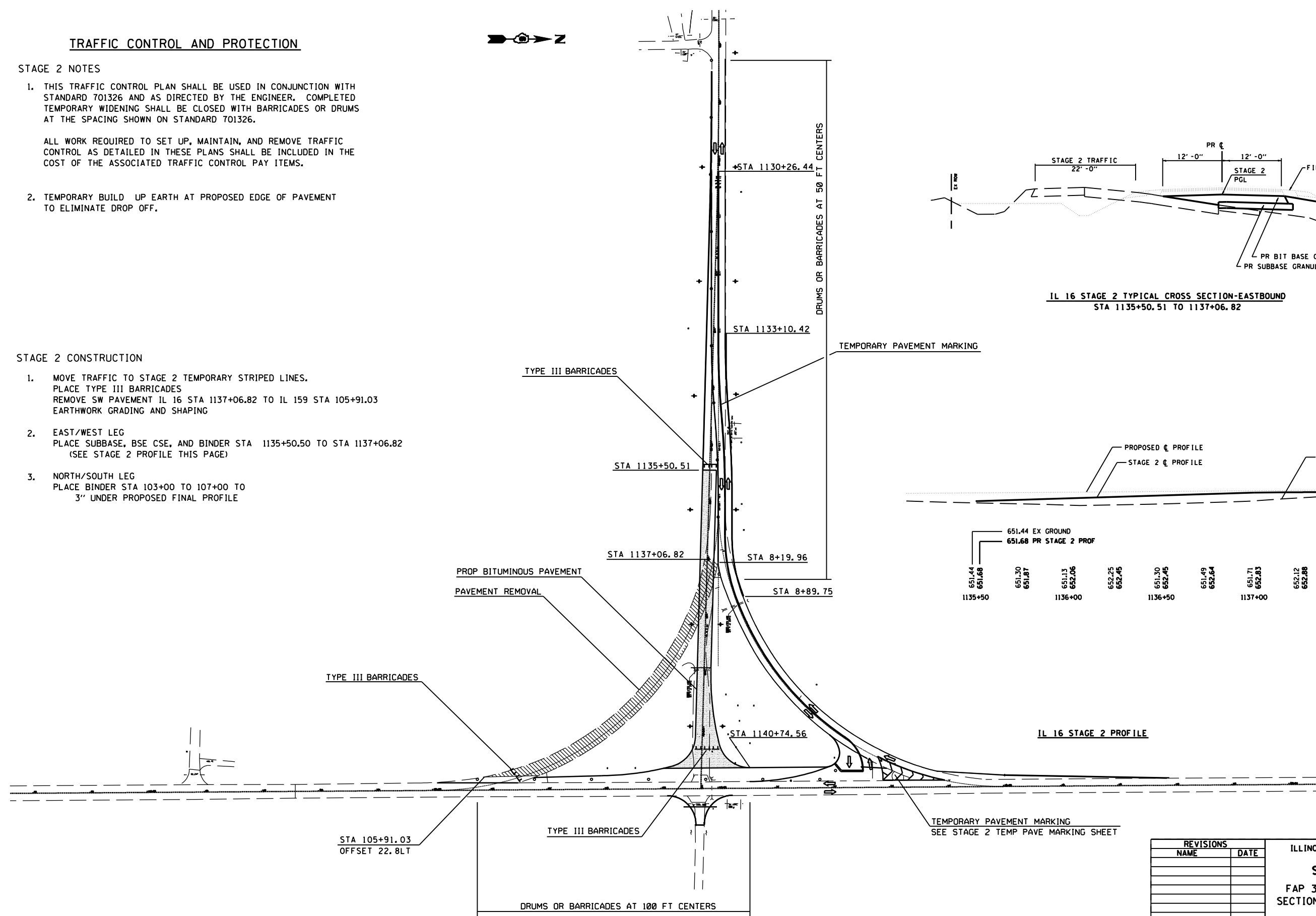
1. MOVE TRAFFIC TO STAGE 2 TEMPORARY STRIPED LINES. PLACE TYPE III BARRICADES. REMOVE SW PAVEMENT IL 16 STA 1137+06.82 TO IL 159 STA 105+91.03. EARTHWORK GRADING AND SHAPING
2. EAST/WEST LEG. PLACE SUBBASE, BSE, CSE, AND BINDER STA 1135+50.50 TO STA 1137+06.82 (SEE STAGE 2 PROFILE THIS PAGE)
3. NORTH/SOUTH LEG. PLACE BINDER STA 103+00 TO 107+00 TO 3" UNDER PROPOSED FINAL PROFILE



IL 16 STAGE 2 TYPICAL CROSS SECTION-EASTBOUND
STA 1135+50.51 TO 1137+06.82



651.44	651.30	651.13	652.25	651.30	651.49	651.71	652.12	652.51
651.68	651.87	652.06	652.45	652.45	652.64	652.83	652.88	652.91
1135+50		1136+00		1136+50		1137+00		1137+50



REVISIONS	
NAME	DATE

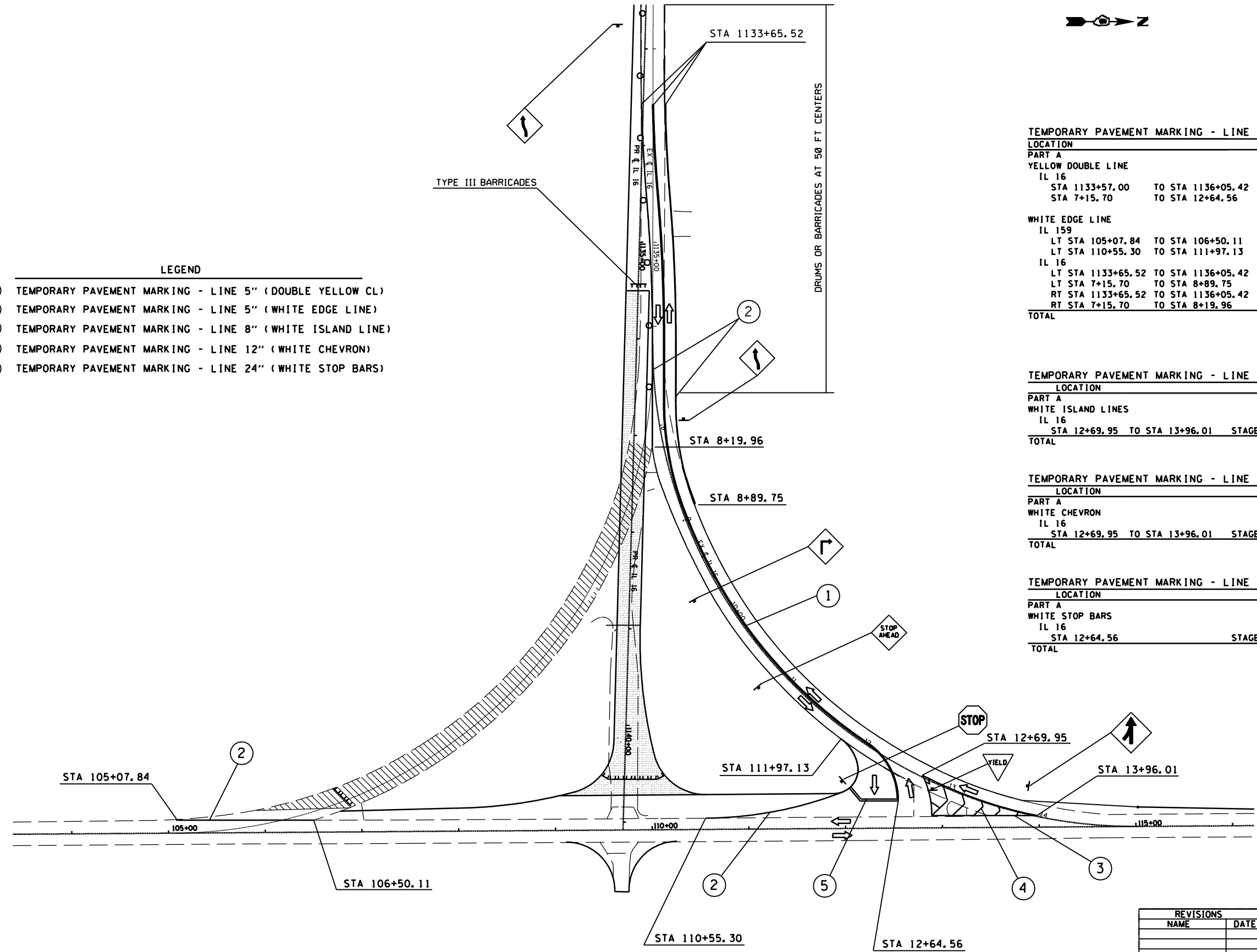
ILLINOIS DEPARTMENT OF TRANSPORTATION
STAGE 2 CONSTRUCTION
 FAP 325 (IL 16) & FAP 604 (IL 159)
 SECTION 14R; 115RS-2; 116RS-4; 101RS-2
 MACOUPIN COUNTY
 SCALE: VERT. _____
 DATE: _____ HORIZ. _____
 DRAWN BY: _____
 CHECKED BY: _____

PLOT DATE: #DATES
 FILE NAME: #FILEL#
 PLOT SCALE: #SCALE#
 USER NAME: #USER#

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	75
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• FAP 325 & FAP 604 ** 14R; 115RS-2; 116RS-4; 101RS-2				



- LEGEND**
- ① TEMPORARY PAVEMENT MARKING - LINE 5" (DOUBLE YELLOW CL)
 - ② TEMPORARY PAVEMENT MARKING - LINE 5" (WHITE EDGE LINE)
 - ③ TEMPORARY PAVEMENT MARKING - LINE 8" (WHITE ISLAND LINE)
 - ④ TEMPORARY PAVEMENT MARKING - LINE 12" (WHITE CHEVRON)
 - ⑤ TEMPORARY PAVEMENT MARKING - LINE 24" (WHITE STOP BARS)



TEMPORARY PAVEMENT MARKING - LINE 5"

LOCATION	FOOT
PART A	
YELLOW DOUBLE LINE	
IL 16	
STA 1133+57.00 TO STA 1136+05.42	STAGE 2 497.0
STA 7+15.70 TO STA 12+64.56	STAGE 2 1,108.5
WHITE EDGE LINE	
IL 159	
LT STA 105+07.84 TO STA 106+50.11	STAGE 2 142.3
LT STA 110+55.30 TO STA 111+97.13	STAGE 2 212.5
IL 16	
LT STA 1133+65.52 TO STA 1136+05.42	STAGE 2 248.5
LT STA 7+15.70 TO STA 8+89.75	STAGE 2 174.0
RT STA 1133+65.52 TO STA 1136+05.42	STAGE 2 248.5
RT STA 7+15.70 TO STA 8+19.96	STAGE 2 329.9
TOTAL	2,961.2

TEMPORARY PAVEMENT MARKING - LINE 8"

LOCATION	FOOT
PART A	
WHITE ISLAND LINES	
IL 16	
STA 12+69.95 TO STA 13+96.01	STAGE 2 278.3
TOTAL	278.3

TEMPORARY PAVEMENT MARKING - LINE 12"

LOCATION	FOOT
PART A	
WHITE CHEVRON	
IL 16	
STA 12+69.95 TO STA 13+96.01	STAGE 2 129.8
TOTAL	129.8

TEMPORARY PAVEMENT MARKING - LINE 24"

LOCATION	FOOT
PART A	
WHITE STOP BARS	
IL 16	
STA 12+64.56	STAGE 2 56.8
TOTAL	56.8

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STAGE 2 TEMP PAVEMENT MARKINGS
 FAP 325 (IL 16) & FAP 604 (IL 159)
 SECTION 14R; 115RS-2; 116RS-4; 101RS-2
 MACOUPIN COUNTY

SCALE: VERT. _____
 HORIZ. _____

DATE _____ DRAWN BY _____
 CHECKED BY _____

PLOT DATE = \$DATES
 FILE NAME = \$FILEL\$
 PLOT SCALE = \$SCALE\$
 USER NAME = \$USER\$

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	76
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• FAP 325 & FAP 604 •• 14R; 115RS-2; 116RS-4; 101RS-2				

TRAFFIC CONTROL AND PROTECTION

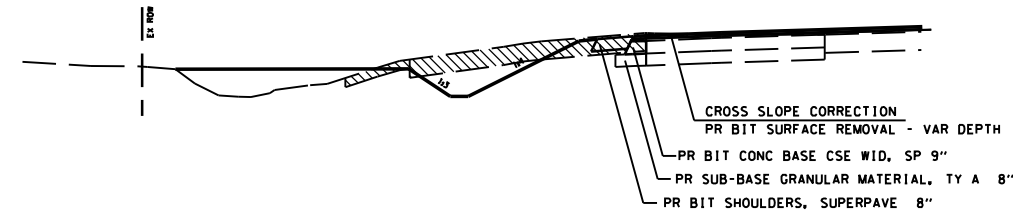
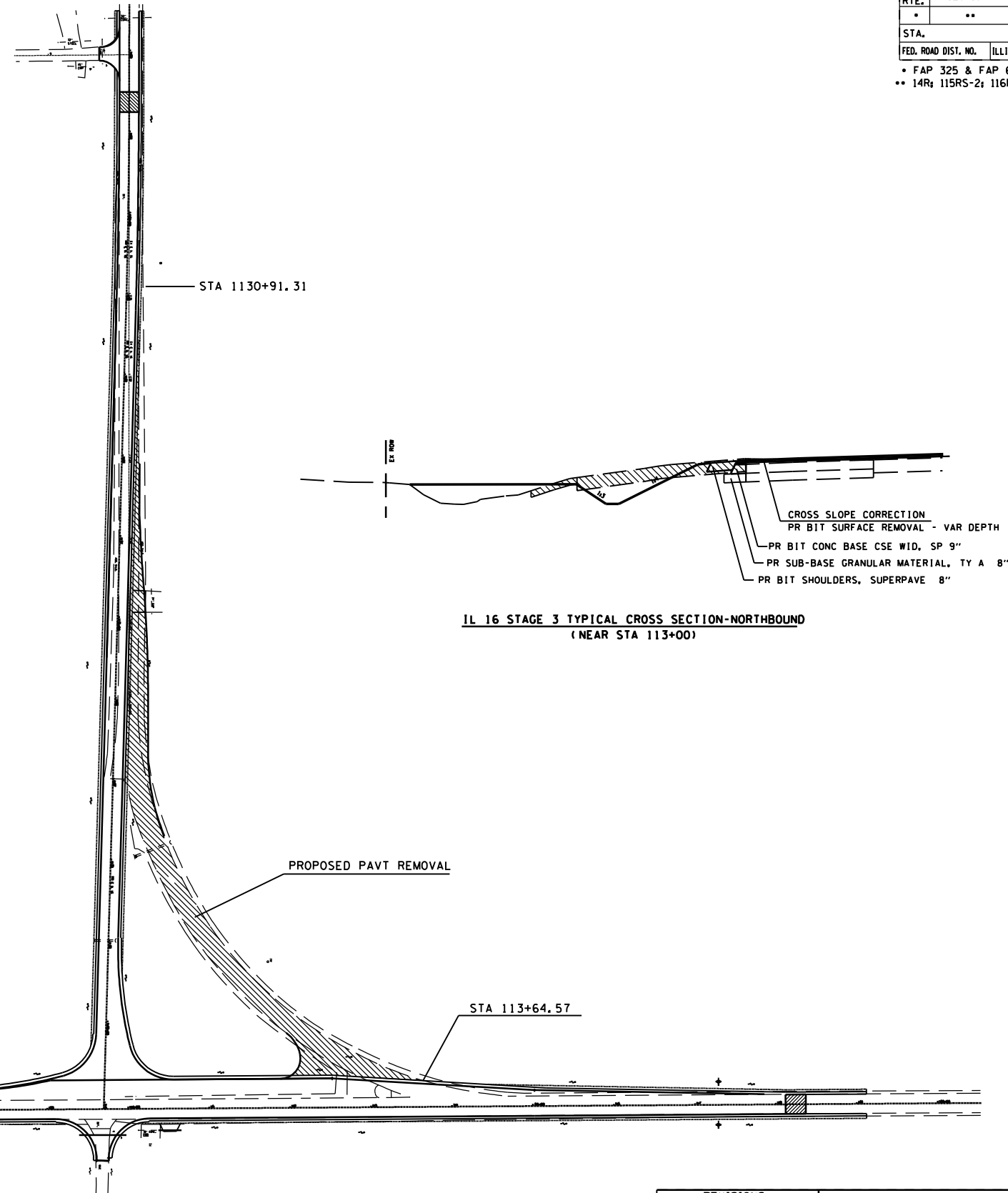
STAGE 3 NOTES

1. THIS TRAFFIC CONTROL PLAN SHALL BE USED IN CONJUNCTION WITH THE APPLICABLE TRAFFIC CONTROL STANDARDS, AND AS DIRECTED BY THE ENGINEER.

ALL WORK REQUIRED TO SET UP, MAINTAIN, AND REMOVE TRAFFIC CONTROL AS DETAILED IN THESE PLANS SHALL BE INCLUDED IN THE COST OF THE ASSOCIATED TRAFFIC CONTROL PAY ITEMS.

STAGE 3 CONSTRUCTION

1. MOVE TRAFFIC TO FINAL PROPOSED ALIGNMENT.
2. REMOVE NW PAVEMENT AND TEMPORARY WIDENING
3. EARTHWORK ALONG NW SIDE OF IL 16.
4. BUILD UP REMAINDER OF VARIABLE DEPTH BINDER COURSE.
5. MILL EXISTING PAVEMENT AT THE WEST END OF IL 16, AND ALONG IL 159 AS NECESSARY.
6. PLACE 1" LEVELING BINDER AND 2" SURFACE THROUGHOUT THE LIMITS OF PART A.
7. PLACE BITUMINOUS SHOULDERS AND AGGREGATE SHOULDERS THROUGHOUT THE LIMITS OF PART A.
8. INSTALL PERMANENT SIGNS AS SHOWN IN THE SIGNING DETAIL SHEETS.
9. PLACE TREES AND SEEDING AS SHOWN IN THE LAND-SCAPING PLAN.



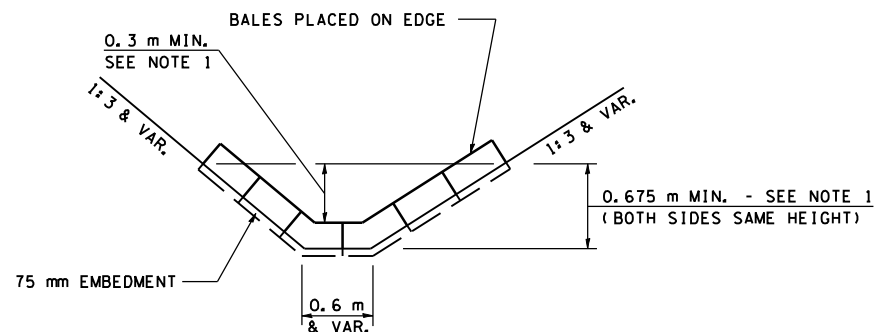
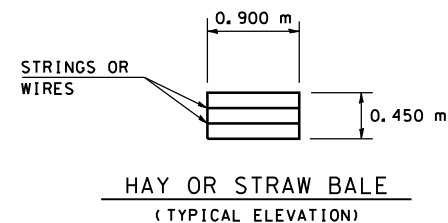
**IL 16 STAGE 3 TYPICAL CROSS SECTION-NORTHBOUND
(NEAR STA 113+00)**

REVISIONS	
NAME	DATE

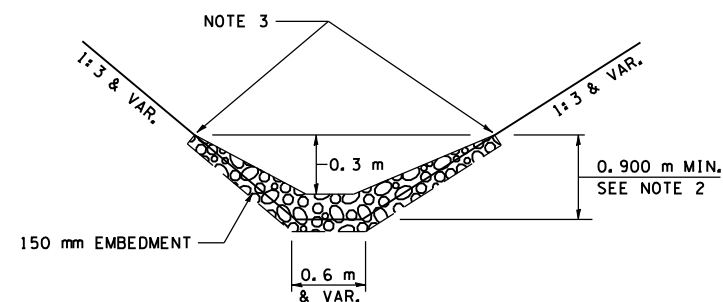
ILLINOIS DEPARTMENT OF TRANSPORTATION
STAGE 3 CONSTRUCTION
 FAP 325 (IL 16) & FAP 604 (IL 159)
 SECTION 14R; 115RS-2; 116RS-4; 101RS-2
 MACOUPIN COUNTY
 SCALE: VERT. _____
 DATE _____ HORIZ. _____
 DRAWN BY _____
 CHECKED BY _____

PLOT DATE : #DATES
 FILE NAME : #FILEL#
 PLOT SCALE : #SCALE#
 USER NAME : #USER#

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	77
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• FAP 325 & FAP 604 ** 14R; 115RS-2; 116RS-4; 104RS-2				



HAY OR STRAW BALE TEMPORARY DITCH CHECK
(TYPICAL)



STONE DUMPED RIPRAP DITCH CHECK
(TYPICAL)

- NOTE 1: BALES SHALL EXTEND FAR ENOUGH UP THE SLOPES TO ALLOW 0.3 m OVERTOPPING TO AVOID ERODING AROUND THE EDGES OF THE BALES.
- NOTE 2: RIPRAP SHALL EXTEND FAR ENOUGH UP THE SLOPES TO ALLOW 0.3 m OVERTOPPING TO AVOID ERODING AROUND THE EDGES OF THE RIPRAP.
- NOTE 3: ENDS SHALL BE TIED INTO SLOPES.

LEGEND FOR STORM WATER POLLUTION PREVENTION PLAN

ITEM	SYMBOL
AGGREGATE (EROSION CONTROL) [STONE DUMPED RIPRAP DITCH CHECKS (Height = 0.6 m)]	
TEMPORARY DITCH CHECKS (HAY OR STRAW BALE DITCH CHECKS OR APPROVED SUBSTITUTION)	
INLET PIPE PROTECTION (I&PP) (HAY OR STRAW BALE DITCH CHECKS OR APPROVED SUBSTITUTION)	
EROSION CONTROL FENCE	
EARTH EXCAVATION FOR EROSION CONTROL (SEDIMENT BASINS)	
PRESERVE EXISTING TREES, WOODLANDS, AND UNDERSTORY (OUTSIDE CONSTRUCTION LIMITS)	
ITEM PLACED AT BEGINNING OF CONSTRUCTION (Requirement)	* ITEM *
ITEM PLACED AS DIRECTED BY ENGINEER (When required by situation)	ITEM
DIRECTION OF OVERLAND FLOW	

GENERAL NOTES:
All items shall be constructed as shown on this sheet, on Standard 280001, and as directed by the Engineer.

The symbology on the STORM WATER POLLUTION PREVENTION PLAN sheets does not represent the size or quantity of bales, for number of bales refer to details and notes shown on this sheet and/or as directed by the Engineer.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
CAD Symbol	2AUG99	STORM WATER POLLUTION PREVENTION PLAN FAP 325 (IL 16) & FAP 604 (IL 159) SECTION 14R; 115RS-2; 116RS-4; 101RS-2 MACOUPIN COUNTY VERT. SCALE: APRIL 5, 1999 DRAWN BY CADD CHECKED BY JCN

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	79
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

* FAP 325 & FAP 604
** 14R; 115RS-2; 116RS-4; 104RS-2

CONTROLS - EROSION CONTROLS AND SEDIMENT CONTROLS

Description of Stabilization Practices at the Beginning of Construction:

1. The area between the existing and proposed right-of-way/temporary easement boundaries and limits of the project will be improved and managed for the purposes of controlling erosion within the area, reducing water flow by temporary diversion and minimizing siltation into the construction zone, and establishing vegetative cover which will become permanent vegetation and act as an erosion barrier. Work at the beginning of construction will consist of the following:

- (a) Areas of existing vegetation (woods and grasslands) outside the proposed construction slope limits shall be identified for preserving and shall be protected from mowing, brush cutting, tree removal and other activities which would be detrimental to their maintenance and development.
- (b) Dead, diseased, or unsuitable vegetation within the site shall be removed as directed by the Engineer, along with required tree removal.
- (c) As soon as reasonable access is available (such as trees cleared) to all locations where water drains away from the project, sediment basins, riprap ditch checks, temporary ditch checks, and/or erosion control fence shall be installed as called out in this plan and directed by the Engineer.
- (d) Bare and sparsely vegetated ground in highly erodible areas as determined by the Engineer shall be temporarily seeded at the beginning of construction where no construction activities are immediately expected as stated in the special provision "Temporary Erosion Control Seeding".
- (e) Immediately after tree removal is completed in certain areas which are highly erodible areas as determined by the Engineer, the areas shall be temporarily seeded where no construction activities are immediately expected as stated in the special provision "Temporary Erosion Control Seeding".
- (f) At locations where a significant amount of water drains into the construction zone from outside areas (adjacent landowners), erosion control fence, temporary ditch checks, or riprap ditch checks will be utilized to locally divert water, reduce flow rates, and collect outside siltation inside the right-of-way line. Erosion control items will not be allowed to be installed to cause flooding to upstream private property which could cause crop damages or other undesirable conditions.

- 2. Establishment of these temporary erosion control measures will have additional benefits to the project. Desirable grass seed will become established in these areas and will spread seeds onto the construction site until permanent seeding/mowing and overseeding can be complete.
- 3. A third benefit of these filter areas is that they will begin to provide a screen and buffer. They will help protect the construction site from winds and excess sun and mitigate construction noise and dust.

Description of Stabilization Practices During Construction:

- 1. During roadway construction, areas outside the construction slope limits as outlined previous herein shall be protected from damaging effects of construction. The Contractor shall not use this area for staging (except as designated on the plans or directed by the Engineer), parking of vehicles or construction equipment, storage of materials, or other construction related activities.
 - (a) Within the construction zone, critical areas which have high flows of water as determined by the Engineer shall remain undisturbed until full scale construction is underway to prevent unnecessary soil erosion.
 - (b) Top soil and earth stockpiles shall be temporarily seeded if they are to remain unused for more than fourteen days.
 - (c) As the Contractor constructs a portion of roadway in a fill section, he/she shall follow the following steps as directed by the Engineer:
 - i. Place temporary erosion control systems at locations where water leaves and enters the construction zone
 - ii. Temporary seed highly erodible areas outside the construction slope limits
 - iii. Construct roadside ditches and provide temporary erosion control systems
 - iv. Temporary divert water around proposed culvert locations
 - v. Build necessary embankment at culvert locations and then excavate and place culvert
 - vi. Continue building up the embankment to the proposed grade while at the same time place permanent erosion control such as riprap ditch lining and conduct final shaping to the slopes
 - (d) The Contractor shall immediately follow major earth moving operations with final grading equipment. After the major earth spread operation has moved to a new location, final grading shall be completed within fourteen days. If grading is not completed within fourteen days, all major earth moving operations will be stopped, as directed by the Engineer, until disturbed areas are final graded and seeded.

(e) Excavated areas and embankments shall be permanently seeded when final graded. If not, they shall be temporarily seeded as stated in the special provision "Temporary Erosion Control Seeding".

(f) Construction equipment shall be stored and fueled only at designated locations. All necessary measures shall be taken to contain any fuel or pollution run-off in compliance with EPA water quality regulations. Leaking equipment or supplies shall be immediately repaired or removed from the site.

(g) The Resident Engineer shall inspect the project daily during activities and weekly or after large rains during the winter shutdown period. The project shall additionally be inspected by the Construction Field Engineer on a bi-weekly basis to determine that erosion control efforts are in place and effective and if other control work is necessary.

(h) Sediment collected during construction by the various temporary erosion control systems shall be disposed of on the site on a regular basis as directed by the Engineer. The cost of this maintenance will be paid for in accordance with Article 109.04 of the Standard Specifications.

(i) The temporary erosion control systems shall be removed as directed by the Engineer after use is no longer needed or no longer functioning. The costs of this removal shall be included in the unit bid price for the temporary erosion control system. No additional compensation will be allowed.

Description of Structural Practices After Final Grading:

- 1. Temporary erosion control systems shall be left in place with proper maintenance until permanent erosion control is in place and working properly and all proposed turf areas seeded and established with a proper stand.
- 2. Once permanent erosion control systems as proposed in the plans are functional and established, temporary items shall be removed, cleaned up, and disturbed turf reseeded. Temporary riprap ditch checks will be allowed to remain in place where approved by the Engineer.

Maintenance after Construction:

- 1. Construction is complete after acceptance is received at the final inspection.
- 2. Areas will be inspected on a regular basis by IDOT District 6 Bureau of Operations.
- 3. Maintenance crews will perform regular mowings to aid in keeping weeds down and establishing a good roadside seed stand.
- 4. Maintenance crews will also aid in any ditch lining maintenance or in any drainage problems.
- 5. All maintenance will be conducted at times when weather conditions will not cause site damage.

DOCUMENTATION

- 1. A report summarizing the scope of the inspection, name(s) and qualifications of personnel making the inspection, date(s) of the inspection, major observations relating to the implementation of this storm water pollution prevention plan, and actions taken in accordance with Section 4.b. shall be made and retained as part of the plan for at least three years after the date of inspection. The report shall be signed in accordance with part VI.G of the general permit.
- 2. If any violation of the provisions of this plan is identified during the conduct of the construction work covered by this plan, the Resident Engineer or Resident Technician shall complete and file an "Incident of Noncompliance (ION)" report for the identified violation. The Resident Engineer or Resident Technician shall use forms provided by the Illinois Environmental Protection Agency and shall include specific information on the noncompliance, actions which were taken to prevent any further causes of noncompliance, and a statement detailing any environmental impact which may have resulted from the noncompliance. All reports of noncompliance shall be signed by a responsible authority in accordance with Part VI.G. of the general permit. The report of noncompliance shall be mailed to the following address:

Illinois Environmental Protection Agency
Division of Water Pollution Control
2200 Churchill Road, P.O. Box 19276
Springfield, IL 62794-9276
Attn: Compliance Assurance Section

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STORM WATER POLLUTION PREVENTION PLAN
FAP 325 (IL 16) & FAP 604 (IL 159)
SECTION 14R; 115RS-2; 116RS-4; 101RS-2
MACOUPIN COUNTY

SCALE: VERT. HORIZ.
DATE: APRIL 5, 1999
DRAWN BY CADD
CHECKED BY JCN

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	80

STA.	TO STA.
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

- * FAP 325 & FAP 604
- ** 14R; 115RS-2; 116RS-4; 104RS-2

CONTRACTOR CERTIFICATION STATEMENT

This certification statement is part of the Storm Water Pollution Plan for the project described below in accordance with NPDES Permit No. ILR10 _____, issued by the Illinois Environmental Protection Agency on _____.

Route: FAP 325 & FAP 604 Marked: IL 159

Section: _____ Project No.: NA

County: MACOUPIN County Contract No.: 72232

I certify under penalty of law that I understand the terms of the general National Pollutant Discharge Elimination System (NPDES) permit that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification.

Signature _____ Date _____

Title _____

Name of Firm _____

Street Address _____

City, State, Zip _____

Phone Number _____

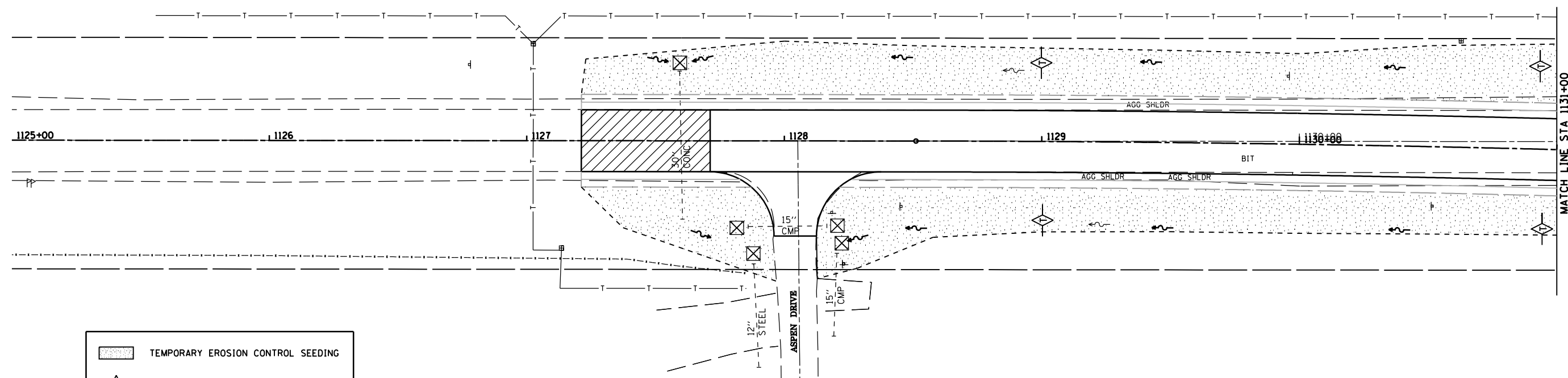
Note: The above boxed in area shall be filled out by the Contractor after the award of the contract to obtain the required NPDES Permit from IEPA. This is a requirement for this contract.

REVISIONS	
NAME	DATE

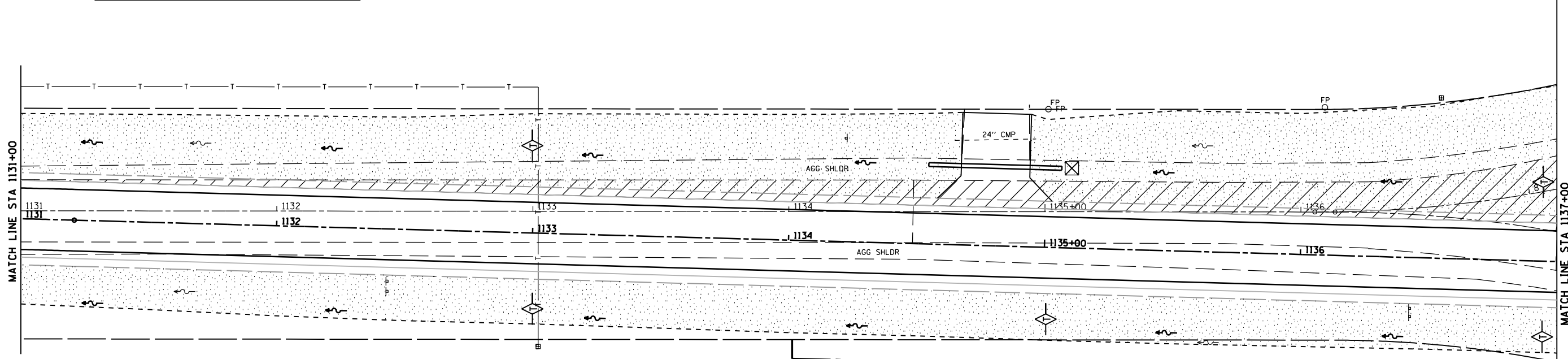
ILLINOIS DEPARTMENT OF TRANSPORTATION
STORM WATER POLLUTION PREVENTION PLAN
 FAP 325 (IL 16) & FAP 604 (IL 159)
 SECTION 14R; 115RS-2; 116RS-4; 101RS-2
 MACOUPIN COUNTY

SCALE: VERT. DRAWN BY CADD
 HORIZ. CHECKED BY JCN
 DATE: APRIL 5, 1999

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	81
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* FAP 325 & FAP 604				
** 14R 115RS-2; 116RS-4; 104RS-2				



	TEMPORARY EROSION CONTROL SEEDING
	TEMPORARY DITCH CHECK
	INLET AND PIPE PROTECTION



REVISIONS	
NAME	DATE

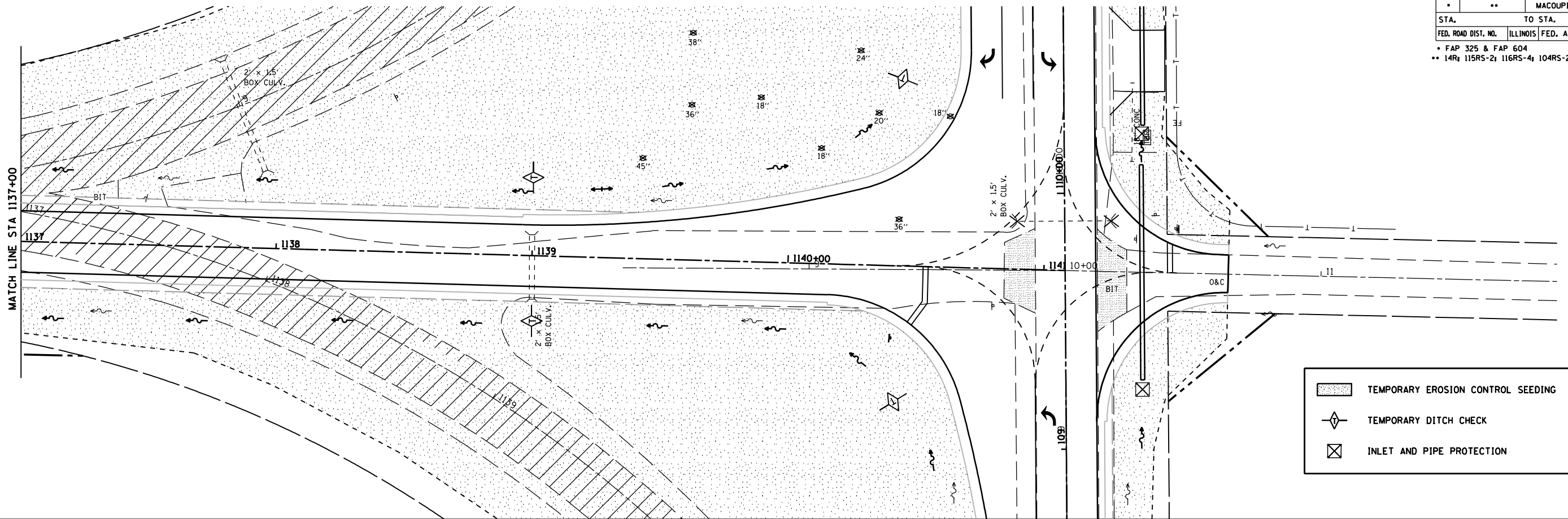
ILLINOIS DEPARTMENT OF TRANSPORTATION
STORM WATER POLLUTION PREVENTION PLAN
 FAP 325 (IL 16) & FAP 604 (IL 159)
 SECTION 14R; 115RS-2; 116RS-4; 101RS-2
 MACOUPIN COUNTY

SCALE: VERT. _____
 HORIZ. _____
 DATE _____

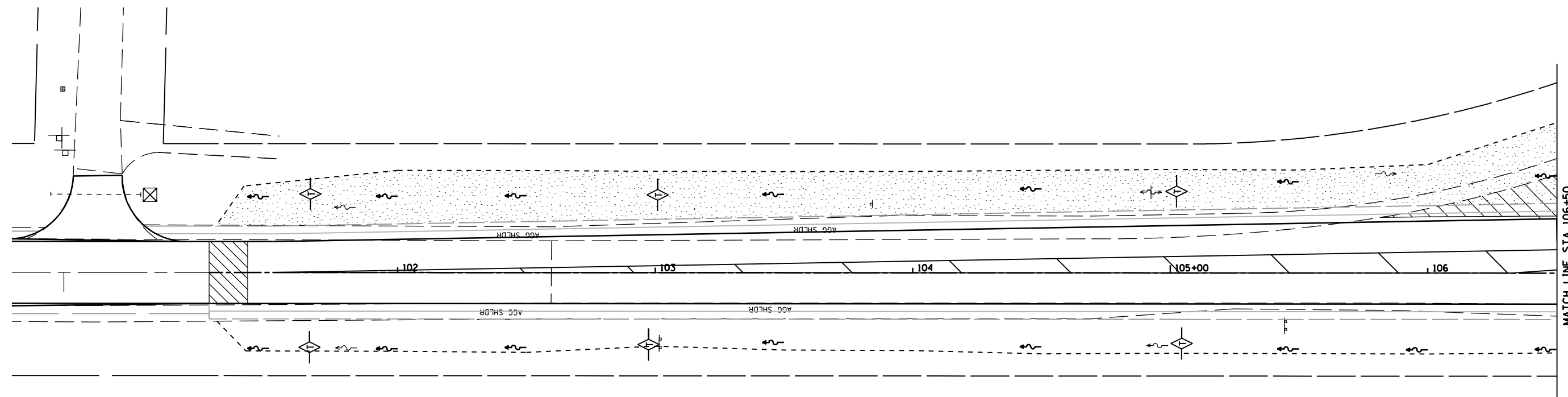
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	82
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* FAP 325 & FAP 604				
** 14R; 115RS-2; 116RS-4; 104RS-2				



	TEMPORARY EROSION CONTROL SEEDING
	TEMPORARY DITCH CHECK
	INLET AND PIPE PROTECTION



REVISIONS	
NAME	DATE

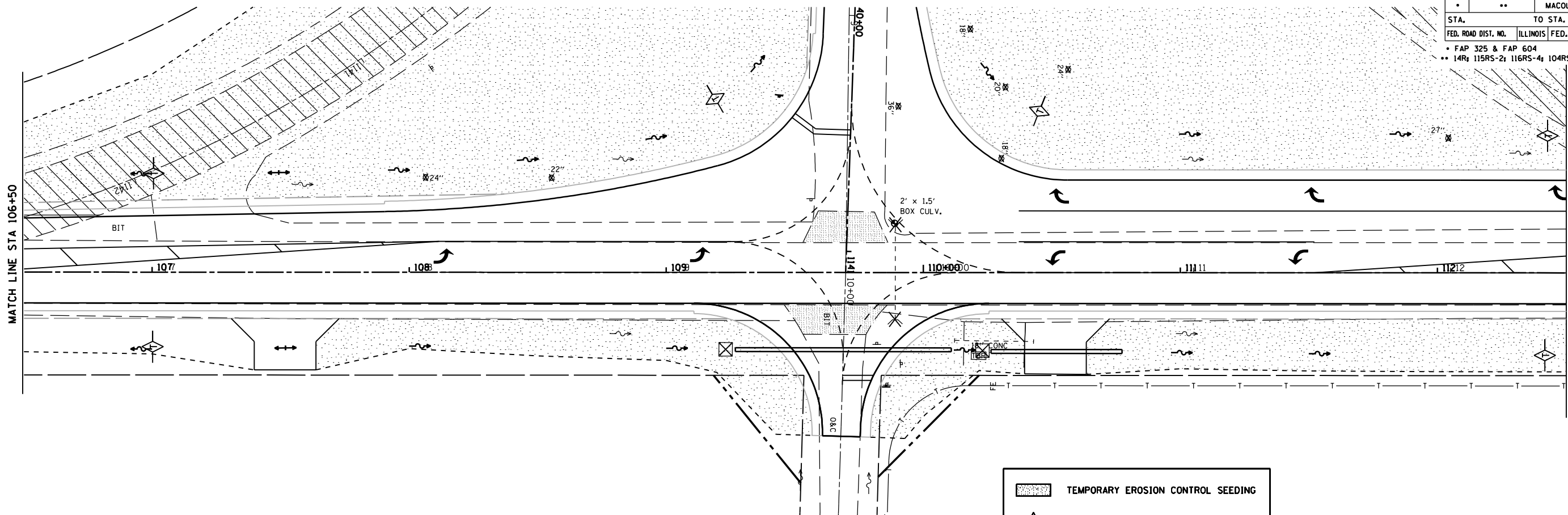
ILLINOIS DEPARTMENT OF TRANSPORTATION
STORM WATER POLLUTION PREVENTION PLAN
 FAP 325 (IL 16) & FAP 604 (IL 159)
 SECTION 14R; 115RS-2; 116RS-4; 101RS-2
 MACOUPIN COUNTY

SCALE: VERT. _____
 HORIZ. _____

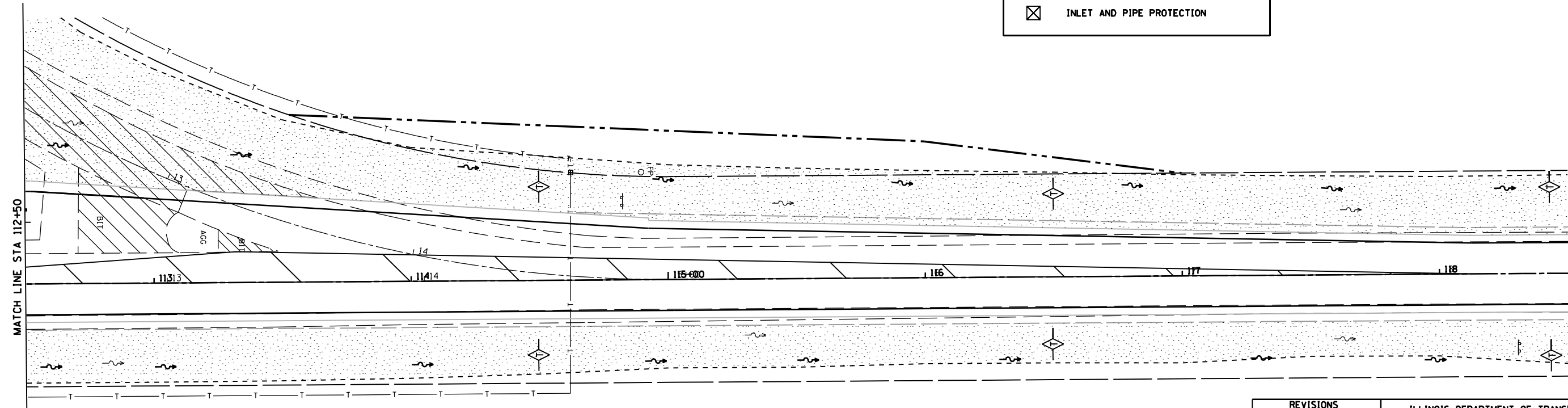
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	83
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• FAP 325 & FAP 604 •• 14R; 115RS-2; 116RS-4; 104RS-2				



	TEMPORARY EROSION CONTROL SEEDING
	TEMPORARY DITCH CHECK
	INLET AND PIPE PROTECTION



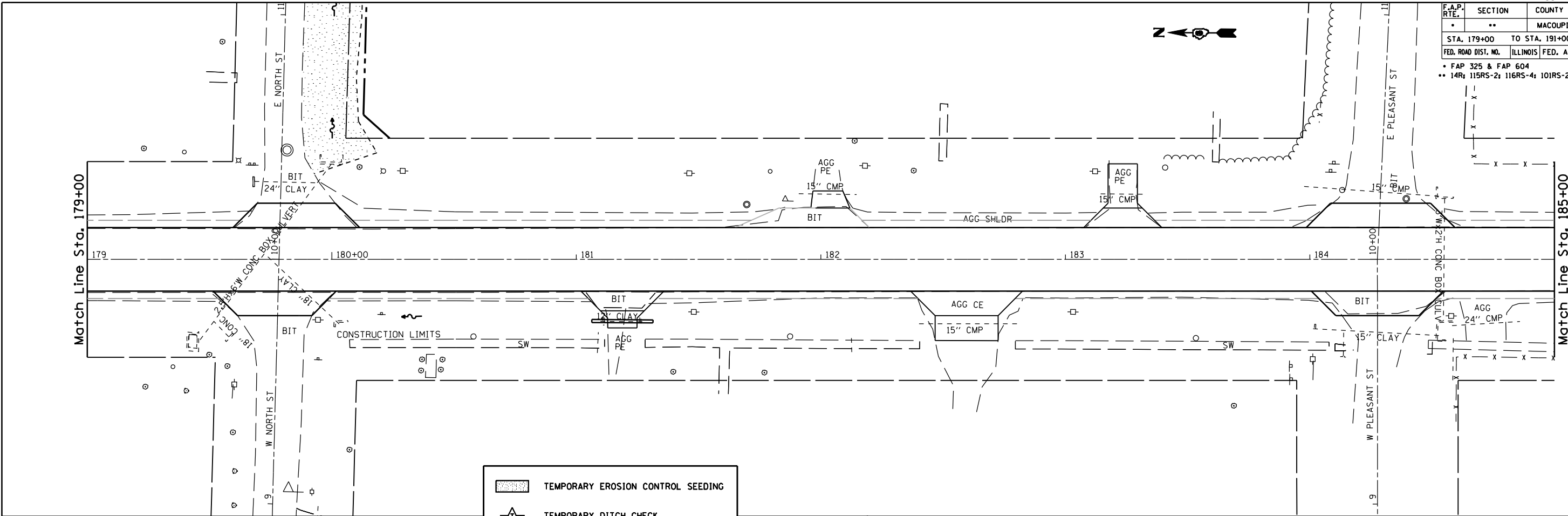
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REVISIONS	
NAME	DATE

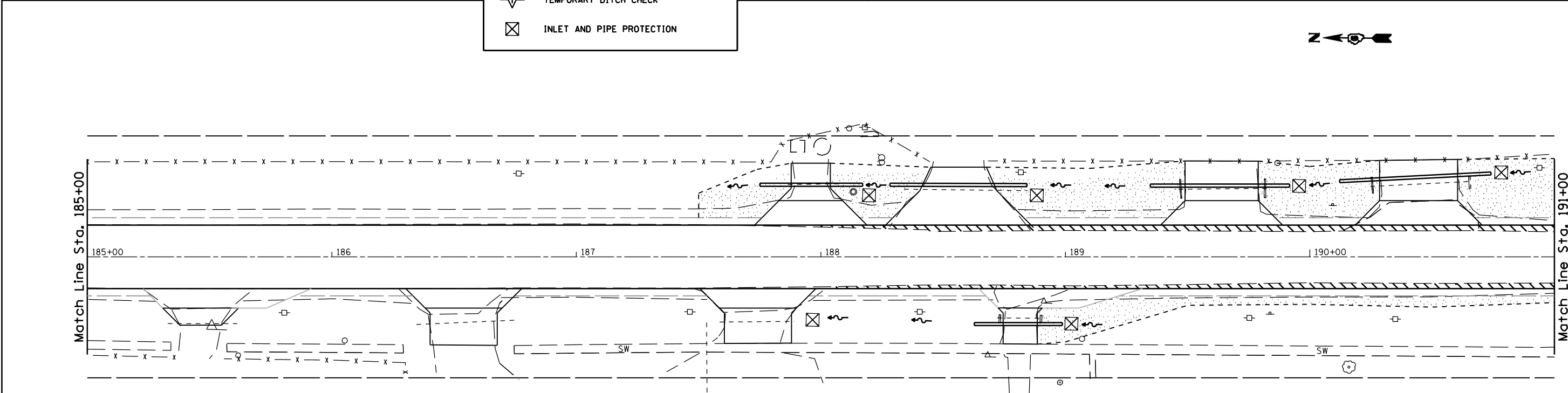
ILLINOIS DEPARTMENT OF TRANSPORTATION
STORM WATER POLLUTION PREVENTION PLAN
 FAP 325 (IL 16) & FAP 604 (IL 159)
 SECTION 14R; 115RS-2; 116RS-4; 101RS-2
 MACOUPIN COUNTY
 SCALE: VERT. _____
 DATE: _____ HORIZ. _____
 DRAWN BY: _____
 CHECKED BY: _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	84
STA. 179+00 TO STA. 191+00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

FAP 325 & FAP 604
 ** 14R; 115RS-2; 116RS-4; 101RS-2;



	TEMPORARY EROSION CONTROL SEEDING
	TEMPORARY DITCH CHECK
	INLET AND PIPE PROTECTION



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STORM WATER POLLUTION PREVENTION PLAN
 FAP 325 (IL 16) & FAP 604 (IL 159)
 SECTION 14R; 115RS-2; 116RS-4; 101RS-2
 MACOUPIN COUNTY
 SCALE: VERT. _____
 HORIZ. _____
 DATE _____ DRAWN BY _____
 CHECKED BY _____

PLOT DATE : #DATES
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 REFERENCE : #REF#

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	85
STA. 191+00 TO STA. 203+00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• FAP 325 & FAP 604				
•• 14R; 115RS-2; 116RS-4; 101RS-2;				



Match Line Sta. 191+00

191

192

193

194

195+00

196

Match Line Sta. 197+00

	TEMPORARY EROSION CONTROL SEEDING
	TEMPORARY DITCH CHECK
	INLET AND PIPE PROTECTION

Match Line Sta. 197+00

197

198

199

200+00

201

202

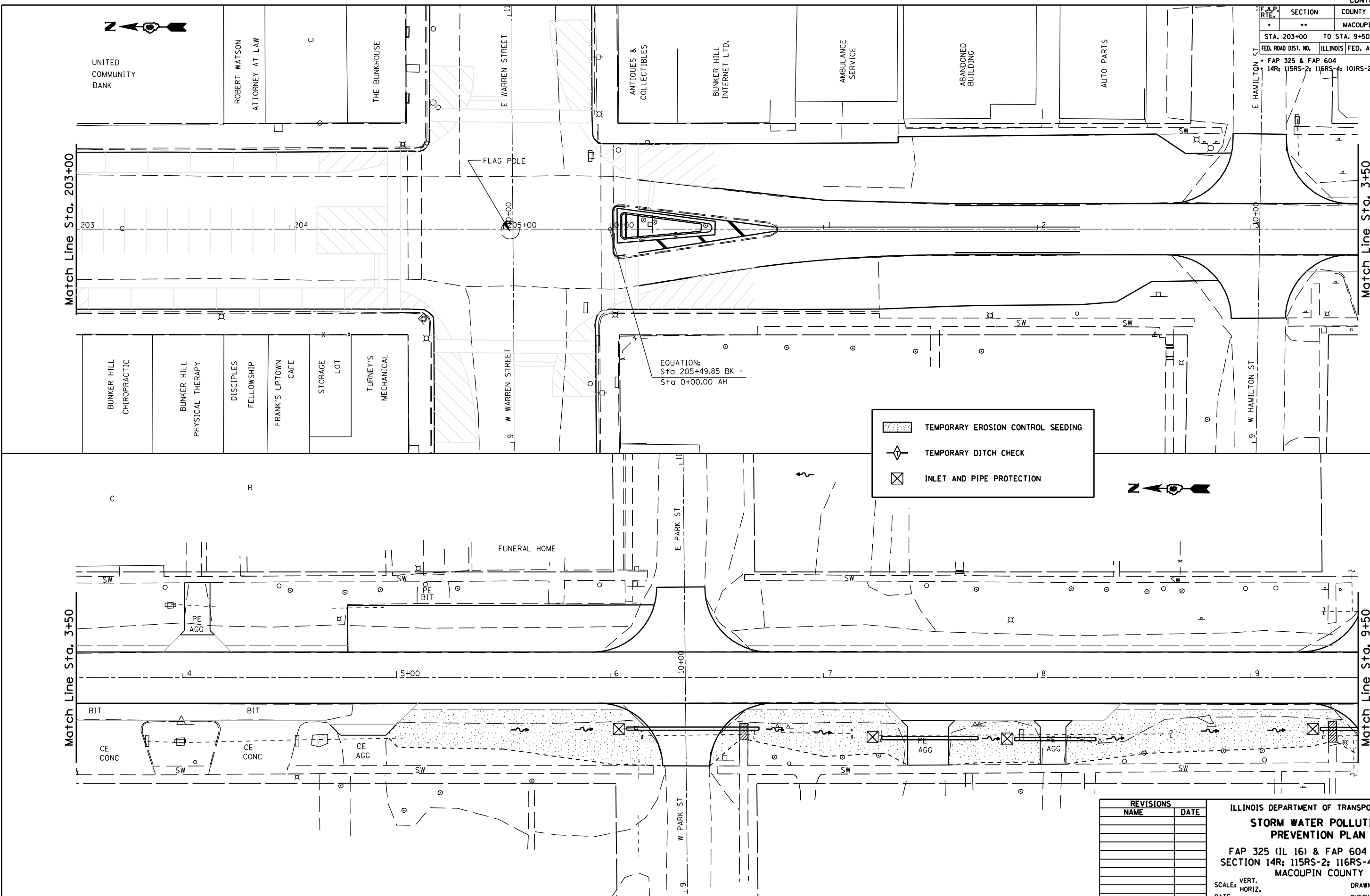
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STORM WATER POLLUTION PREVENTION PLAN
 FAP 325 (IL 16) & FAP 604 (IL 159)
 SECTION 14R; 115RS-2; 116RS-4; 101RS-2
 MACOUPIN COUNTY
 SCALE: VERT. _____
 HORIZ. _____
 DATE _____ DRAWN BY _____
 CHECKED BY _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	**	MACOUPIN	231	86
STA. 203+00		TO STA. 9+50		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• FAP 325 & FAP 604				
• 14R, 115RS-2, 116RS-4, 101RS-2				



EQUATION:
Sta 205+49.85 BK =
Sta 0+00.00 AH

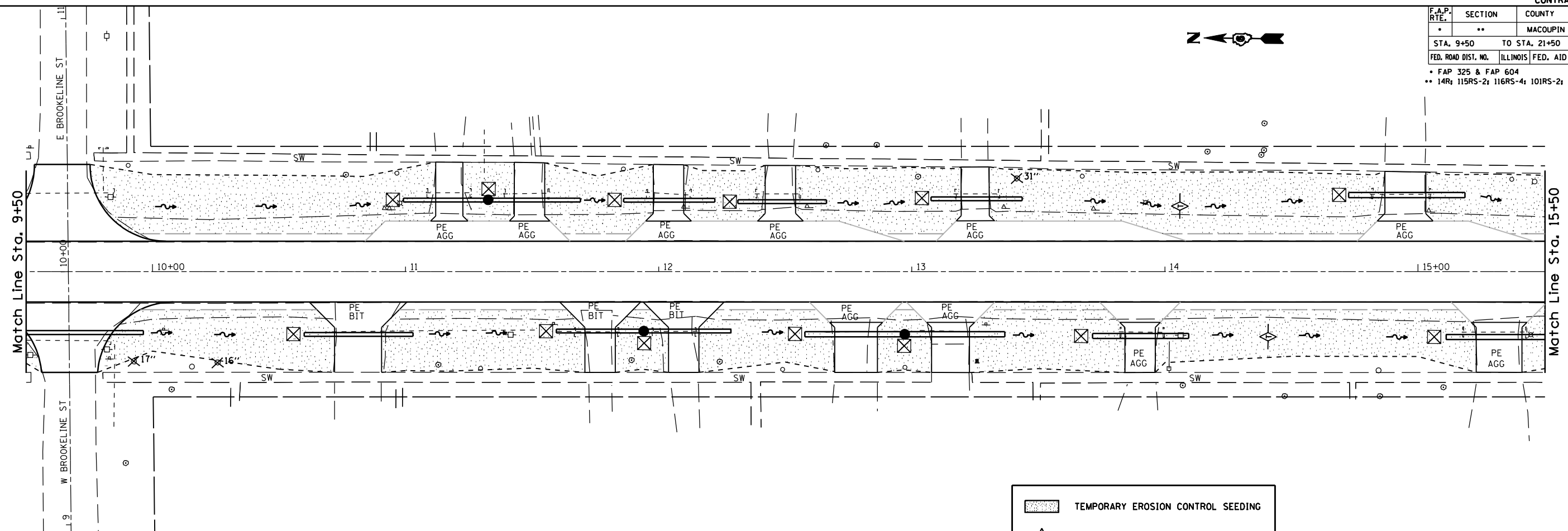
	TEMPORARY EROSION CONTROL SEEDING
	TEMPORARY DITCH CHECK
	INLET AND PIPE PROTECTION

REVISIONS	
NAME	DATE

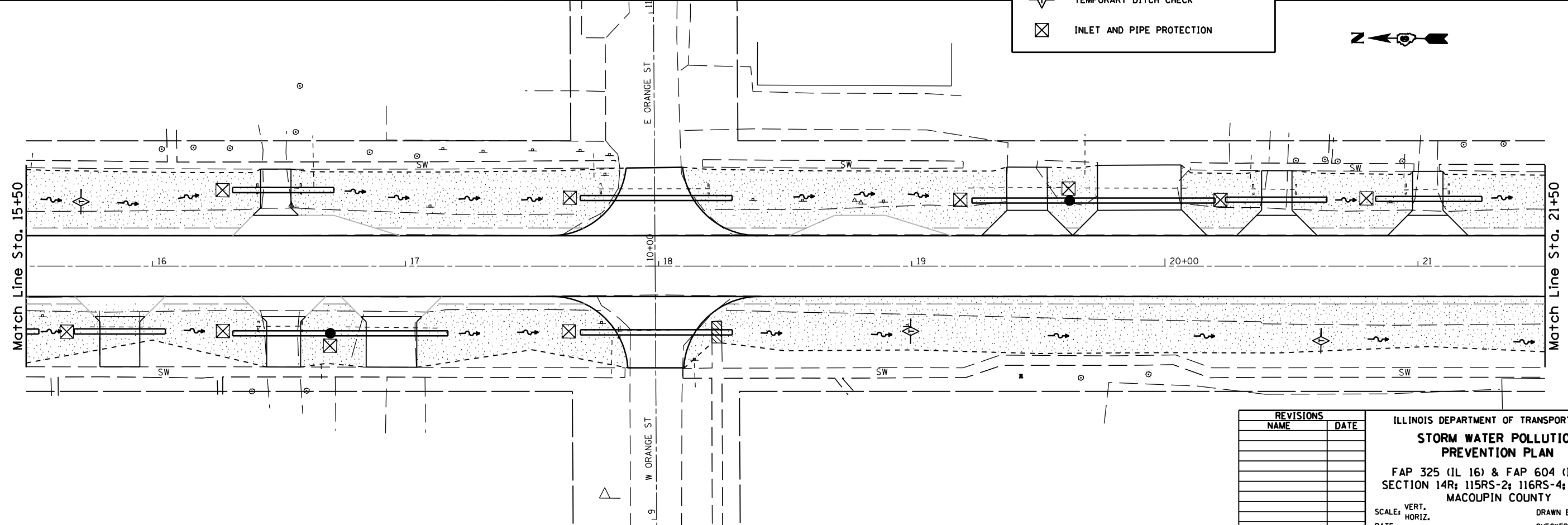
ILLINOIS DEPARTMENT OF TRANSPORTATION
STORM WATER POLLUTION PREVENTION PLAN
 FAP 325 (IL 16) & FAP 604 (IL 159)
 SECTION 14R; 115RS-2; 116RS-4; 101RS-2
 MACOUPIN COUNTY
 SCALE: VERT. _____
 DATE: _____ HORIZ. _____
 DRAWN BY _____
 CHECKED BY _____

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	87
STA. 9+50 TO STA. 21+50				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• FAP 325 & FAP 604				
•• 14R; 115RS-2; 116RS-4; 101RS-2				



	TEMPORARY EROSION CONTROL SEEDING
	TEMPORARY DITCH CHECK
	INLET AND PIPE PROTECTION



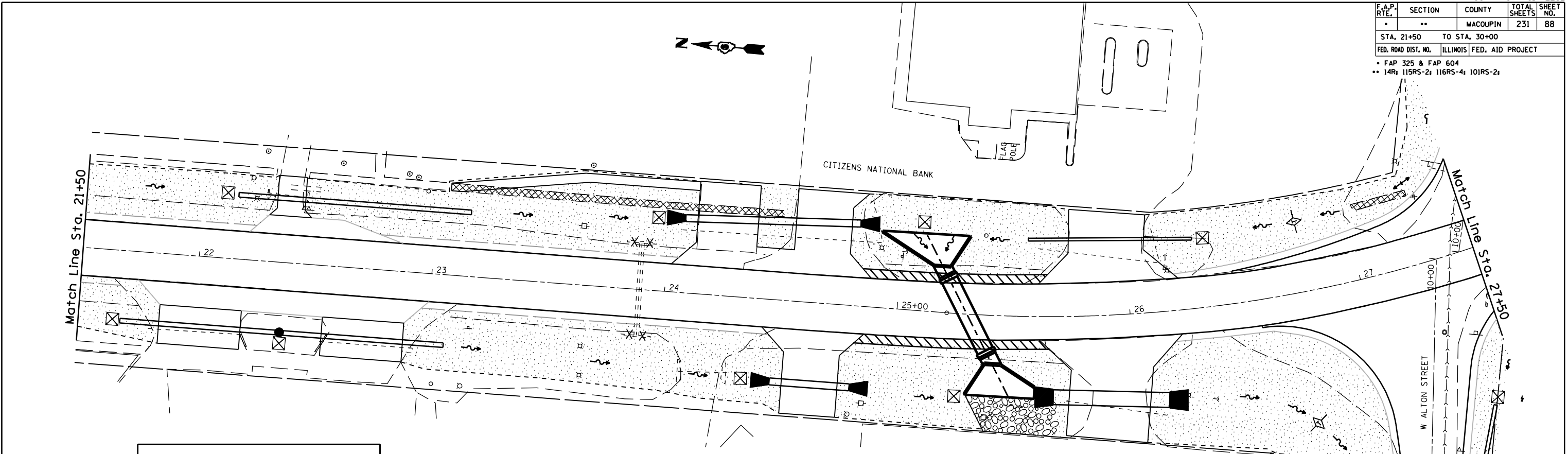
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STORM WATER POLLUTION PREVENTION PLAN
 FAP 325 (IL 16) & FAP 604 (IL 159)
 SECTION 14R; 115RS-2; 116RS-4; 101RS-2
 MACOUPIN COUNTY
 SCALE: VERT. _____
 HORIZ. _____
 DATE _____ DRAWN BY _____
 CHECKED BY _____

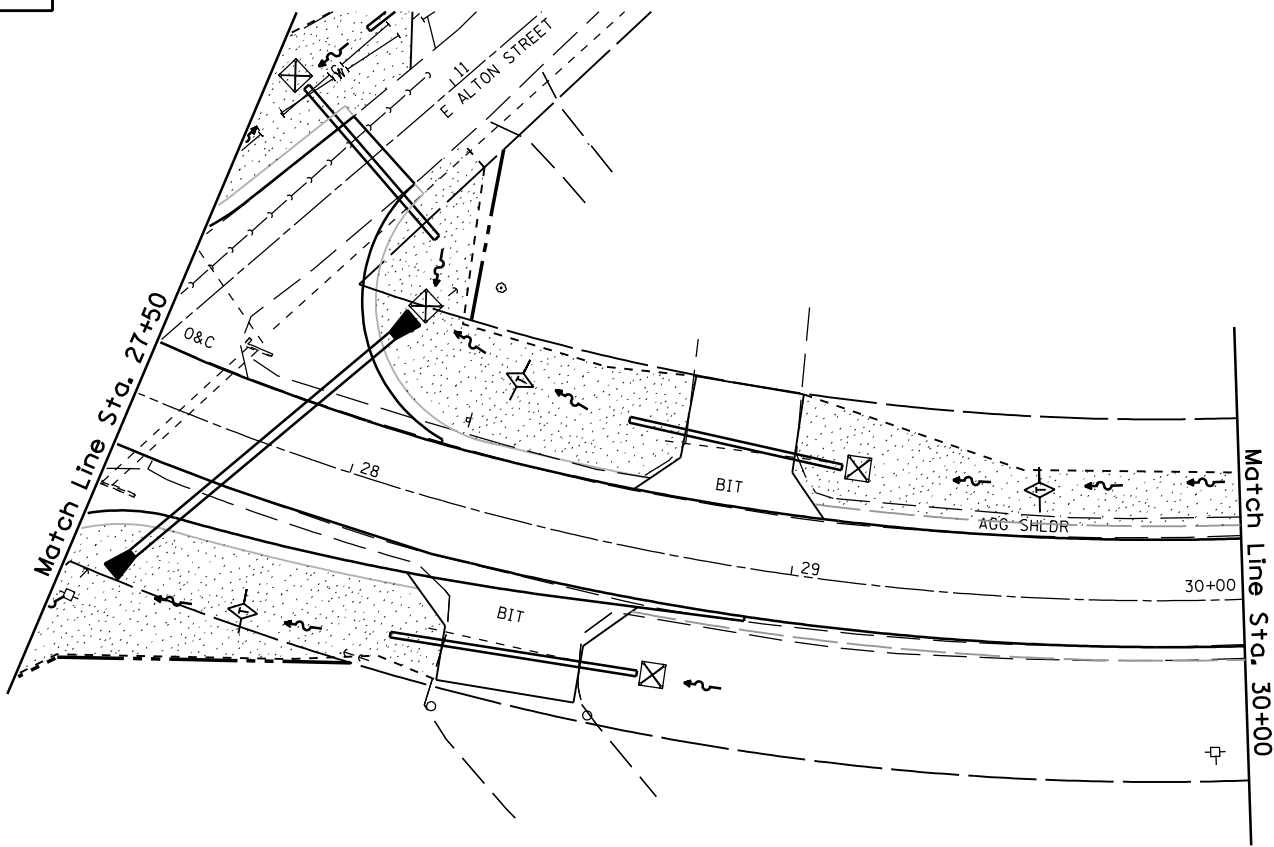
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	88
STA. 21+50 TO STA. 30+00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

FAP 325 & FAP 604
 ** 14R; 115RS-2; 116RS-4; 101RS-2;



	TEMPORARY EROSION CONTROL SEEDING
	TEMPORARY DITCH CHECK
	INLET AND PIPE PROTECTION

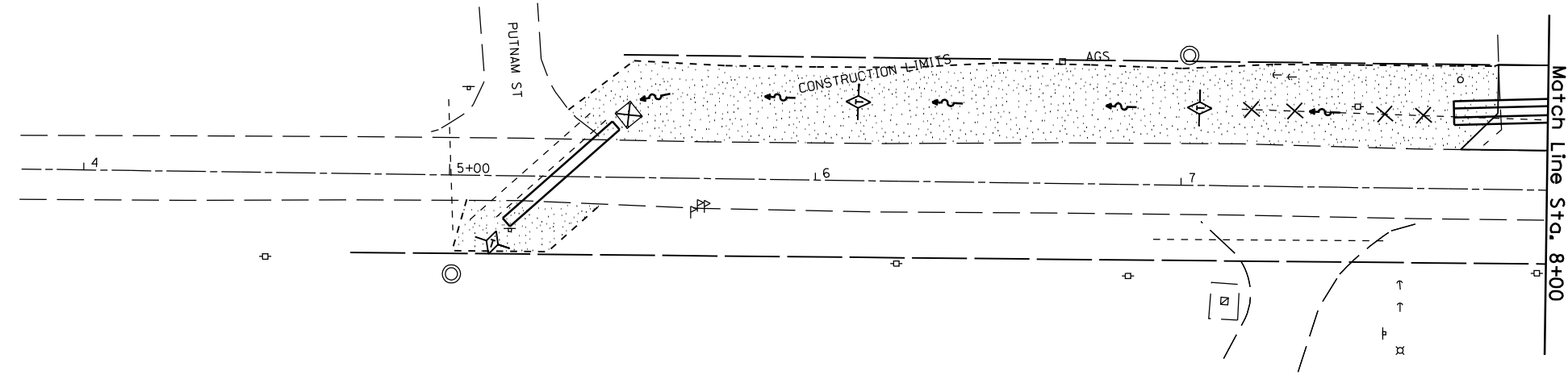


REVISIONS	
NAME	DATE

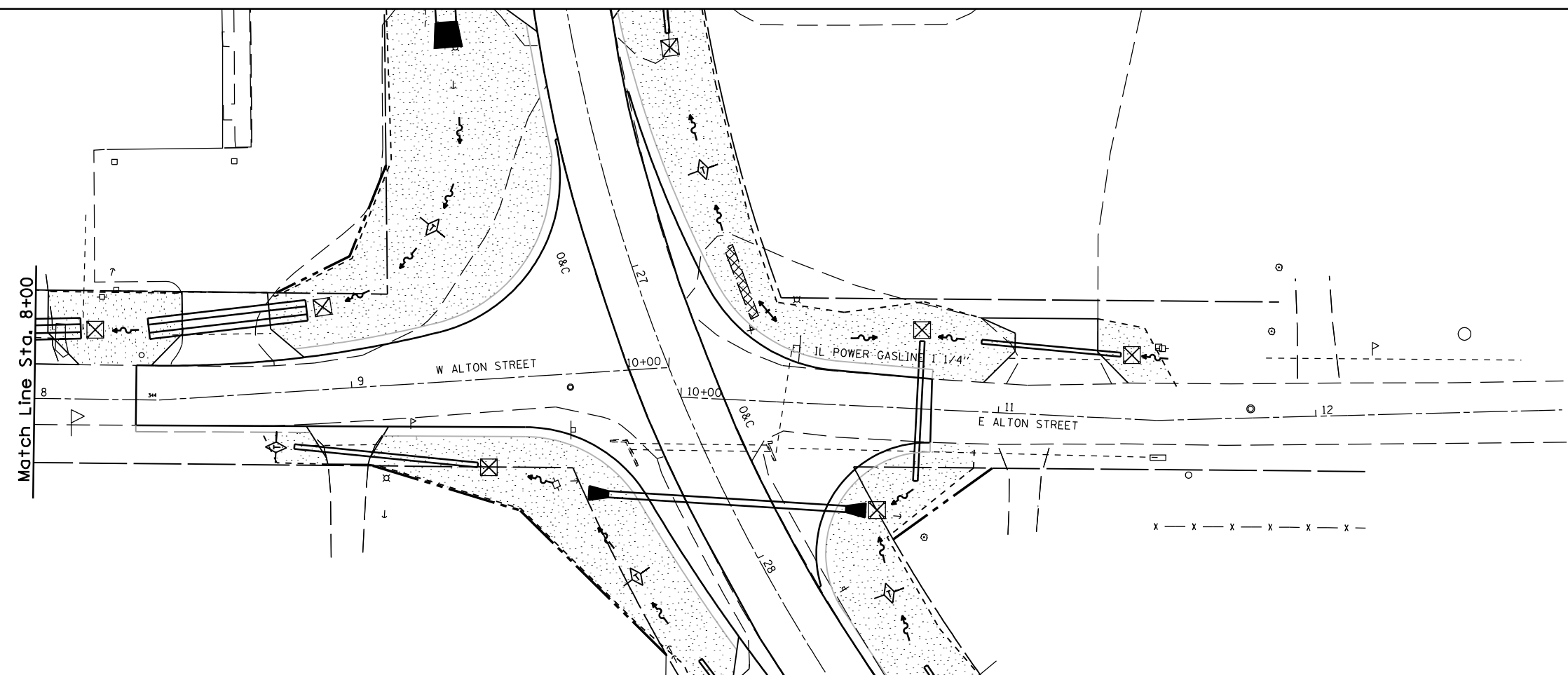
ILLINOIS DEPARTMENT OF TRANSPORTATION
STORM WATER POLLUTION PREVENTION PLAN
 FAP 325 (IL 16) & FAP 604 (IL 159)
 SECTION 14R; 115RS-2; 116RS-4; 101RS-2
 MACOUPIN COUNTY
 SCALE: VERT. _____
 HORIZ. _____
 DATE _____ DRAWN BY _____
 CHECKED BY _____

PLOT DATE : #DATES
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 PLOT SCALE : #SCALE#
 REFERENCE : #REF#

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	89
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• FAP 325 & FAP 604 ** 14R; 115RS-2; 116RS-4; 101RS-2;				



	TEMPORARY EROSION CONTROL SEEDING
	TEMPORARY DITCH CHECK
	INLET AND PIPE PROTECTION

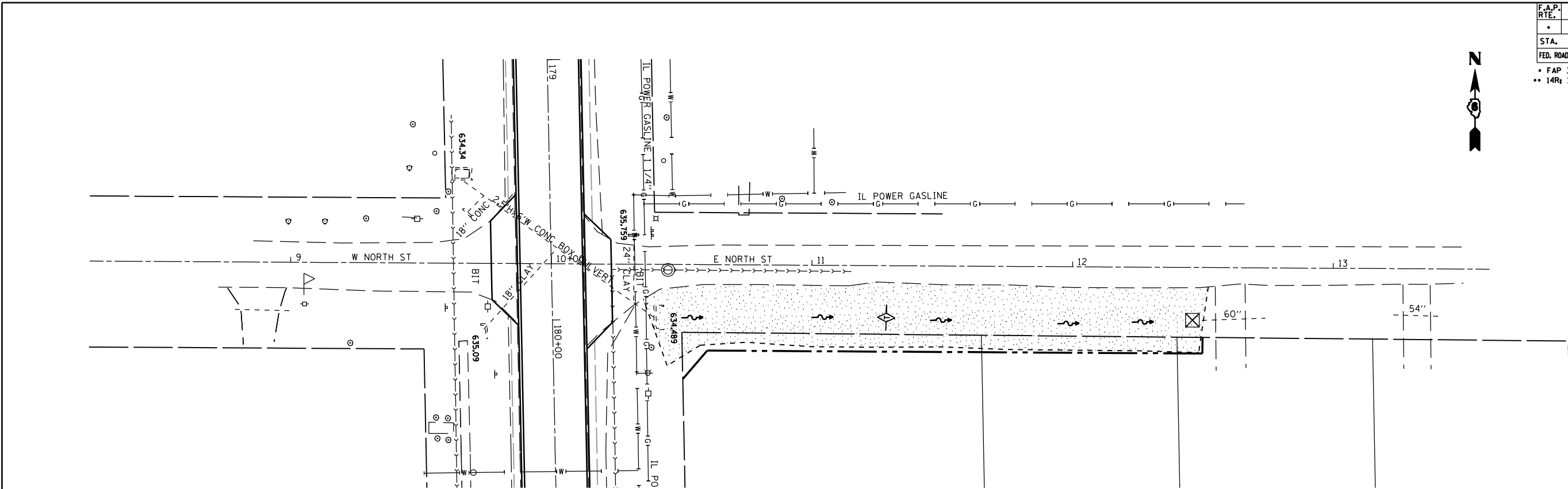


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STORM WATER POLLUTION PREVENTION PLAN
 FAP 325 (IL 16) & FAP 604 (IL 159)
 SECTION 14R; 115RS-2; 116RS-4; 101RS-2
 MACOUPIN COUNTY
 SCALE: VERT. _____ DRAWN BY _____
 HORIZ. _____ CHECKED BY _____
 DATE _____

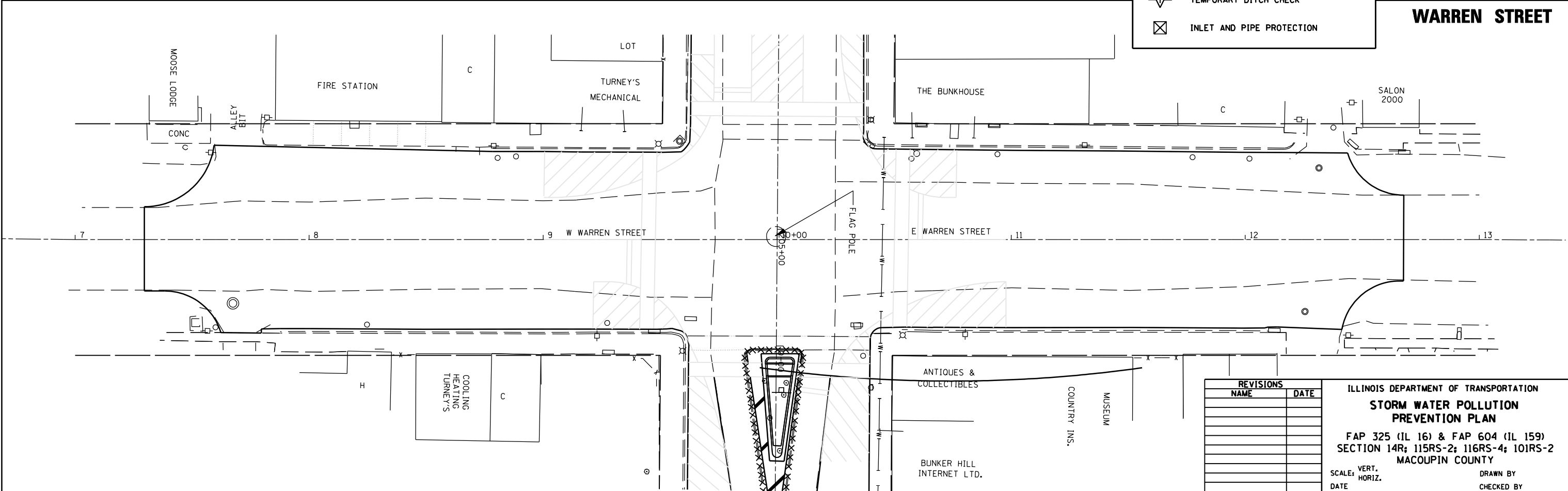
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	90
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• FAP 325 & FAP 604 ** 14R; 115RS-2; 116RS-4; 101RS-2;				



	TEMPORARY EROSION CONTROL SEEDING
	TEMPORARY DITCH CHECK
	INLET AND PIPE PROTECTION

**NORTH STREET
WARREN STREET**



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STORM WATER POLLUTION PREVENTION PLAN
 FAP 325 (IL 16) & FAP 604 (IL 159)
 SECTION 14R; 115RS-2; 116RS-4; 101RS-2
 MACOUPIN COUNTY

SCALE: VERT. _____
 HORIZ. _____
 DATE _____

DRAWN BY _____
 CHECKED BY _____

PLOT DATE : #DATES
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 REFERENCE : #REF#

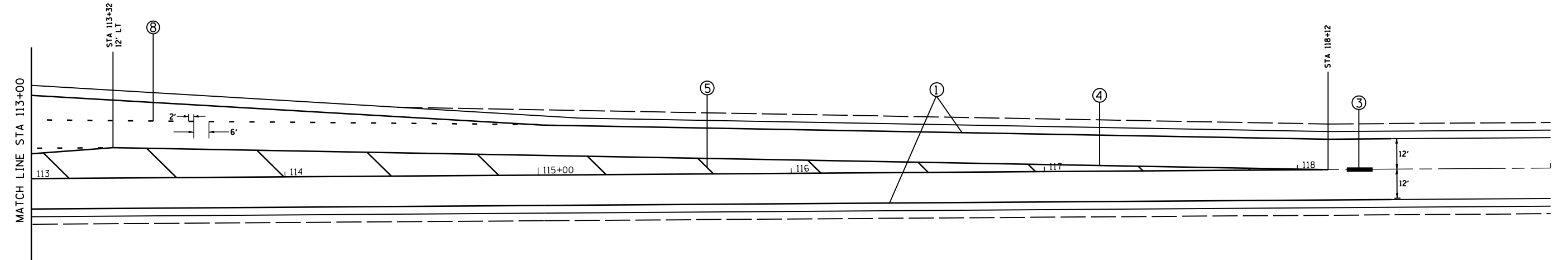
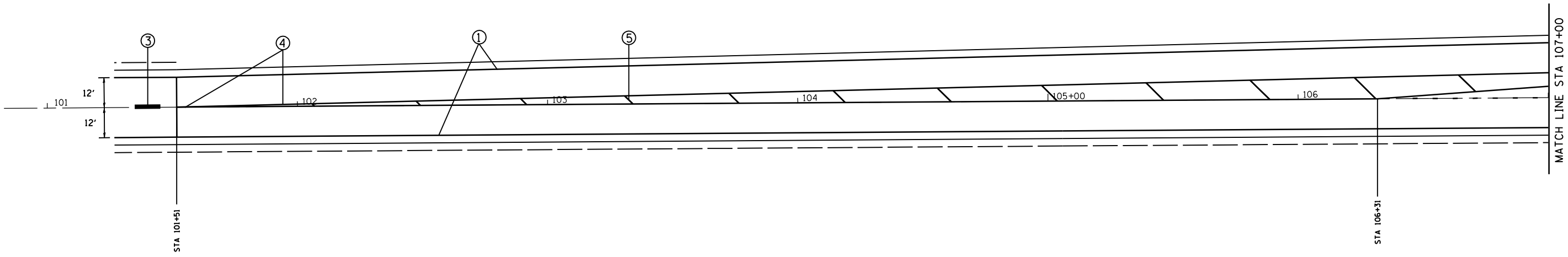
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	91

STA.	TO STA.
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

- * - FAP 325 & FAP 604
- ** - 14R, 115RS-2, 116RS-4, 101RS-2

PAVEMENT MARKING LEGEND

- | | |
|---|-------------------------|
| ① PAINT PAVEMENT MARKING - LINE 5" | (SOLID WHITE EDGE LINE) |
| ② THERMOPLASTIC PAVEMENT MARKING - LINE 6" | (SOLID WHITE EDGE LINE) |
| ③ PAINT PAVEMENT MARKING - LINE 5" | (YELLOW SKIP DASH) |
| ④ THERMOPLASTIC PAVEMENT MARKING - LINE 5" | (DOUBLE YELLOW) |
| ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 12" | (YELLOW DIAGONAL) |
| ⑥ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24" | (WHITE STOP BARS) |
| ⑦ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTER AND SYMBOLS | (WHITE ARROWS) |
| ⑧ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6" | (WHITE SKIP DASH) |



ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING SHEETS
 FAP 325 (IL 16) & 604 (IL 159)
 SECTION 14R; 115RS-2; 116RS-4; 101RS-2
 MACOUPIN COUNTY

REVISIONS	
NAME	DATE

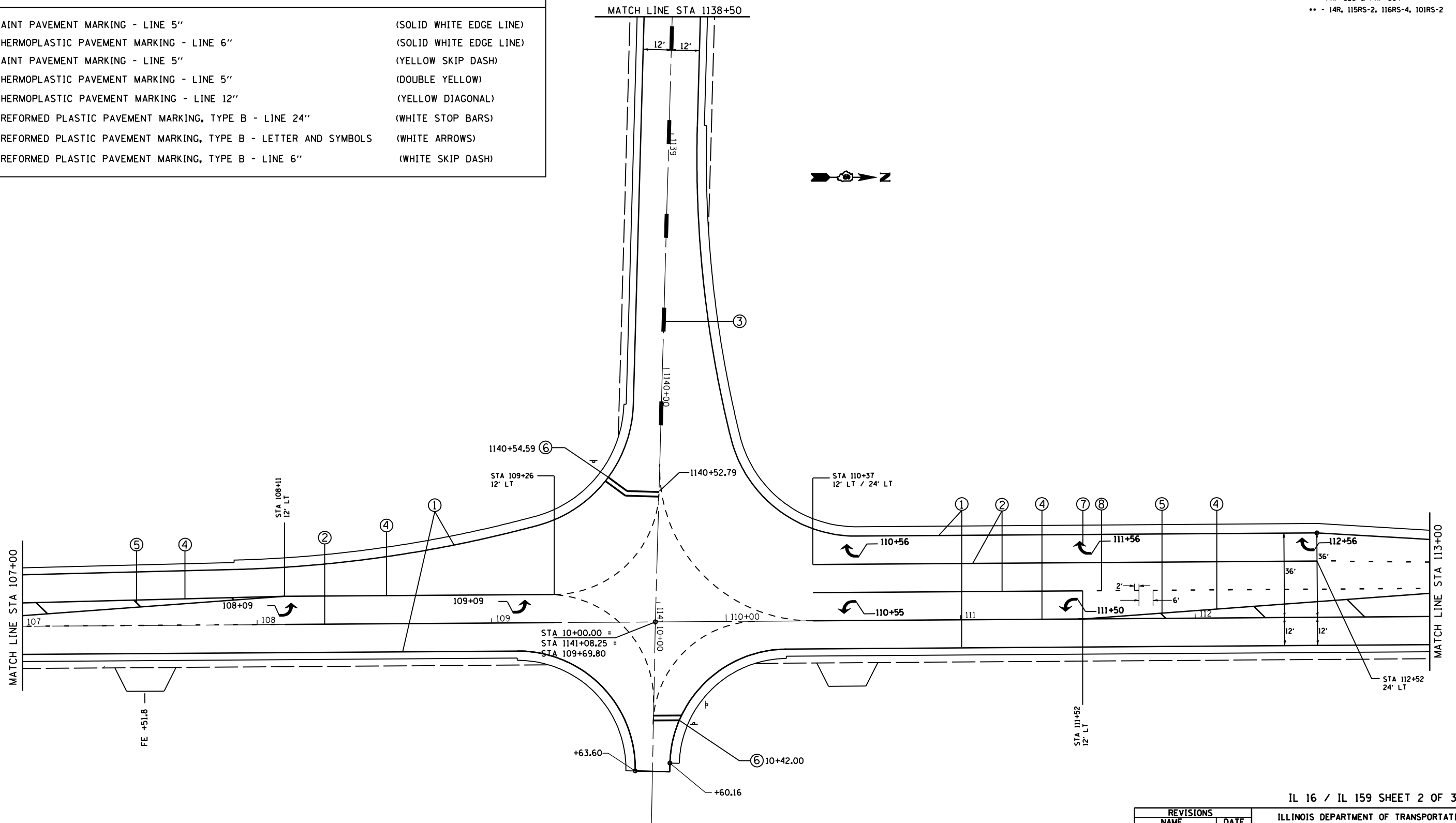
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 HORIZ. _____
 DATE _____ DRAWN BY _____
 CHECKED BY _____

PLOT DATE : #DATES
 FILE NAME : #FILEL#
 PLOT SCALE : #SCALE#
 USER NAME : #USER#

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	92
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* - FAP 325 & FAP 604				
** - 14R, 115RS-2, 116RS-4, 101RS-2				

PAVEMENT MARKING LEGEND

- | | |
|---|-------------------------|
| ① PAINT PAVEMENT MARKING - LINE 5" | (SOLID WHITE EDGE LINE) |
| ② THERMOPLASTIC PAVEMENT MARKING - LINE 6" | (SOLID WHITE EDGE LINE) |
| ③ PAINT PAVEMENT MARKING - LINE 5" | (YELLOW SKIP DASH) |
| ④ THERMOPLASTIC PAVEMENT MARKING - LINE 5" | (DOUBLE YELLOW) |
| ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 12" | (YELLOW DIAGONAL) |
| ⑥ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24" | (WHITE STOP BARS) |
| ⑦ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTER AND SYMBOLS | (WHITE ARROWS) |
| ⑧ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6" | (WHITE SKIP DASH) |



PLOT DATE : #DATES
 FILE NAME : #FILEL#
 PLOT SCALE : #SCALE#
 USER NAME : #USER#

REVISIONS	
NAME	DATE

IL 16 / IL 159 SHEET 2 OF 3
 ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING SHEETS
 FAP 325 (IL 16) & 604 (IL 159)
 SECTION 14R; 115RS-2; 116RS-4; 101RS-2
 MACOUPIN COUNTY
 SCALE: VERT. DRAWN BY
 HORIZ. CHECKED BY
 DATE

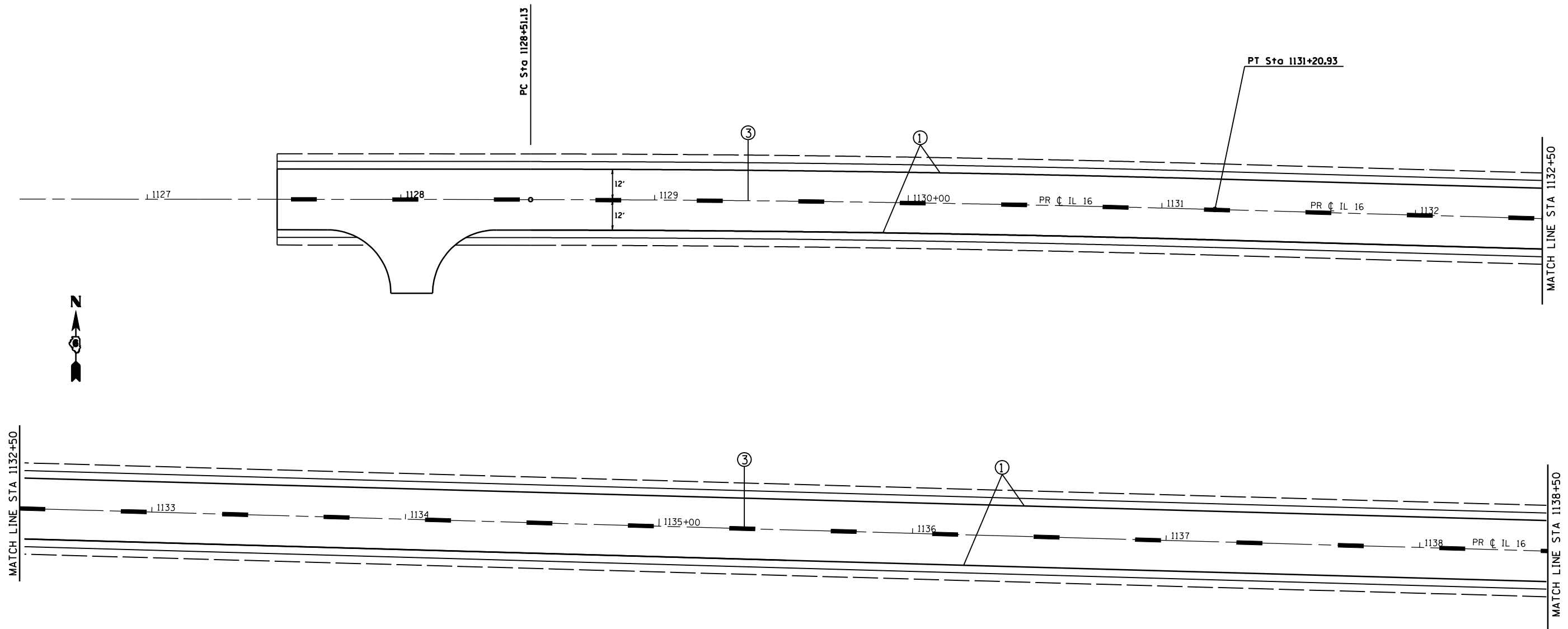
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*	**	MACOUPIN	231	93

STA.	TO STA.
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

* - FAP 325 & FAP 604
 ** - 14R, 115RS-2, 116RS-4, 101RS-2

PAVEMENT MARKING LEGEND

- | | |
|---|-------------------------|
| ① PAINT PAVEMENT MARKING - LINE 5" | (SOLID WHITE EDGE LINE) |
| ② THERMOPLASTIC PAVEMENT MARKING - LINE 6" | (SOLID WHITE EDGE LINE) |
| ③ PAINT PAVEMENT MARKING - LINE 5" | (YELLOW SKIP DASH) |
| ④ THERMOPLASTIC PAVEMENT MARKING - LINE 5" | (DOUBLE YELLOW) |
| ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 12" | (YELLOW DIAGONAL) |
| ⑥ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24" | (WHITE STOP BARS) |
| ⑦ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTER AND SYMBOLS | (WHITE ARROWS) |
| ⑧ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6" | (WHITE SKIP DASH) |



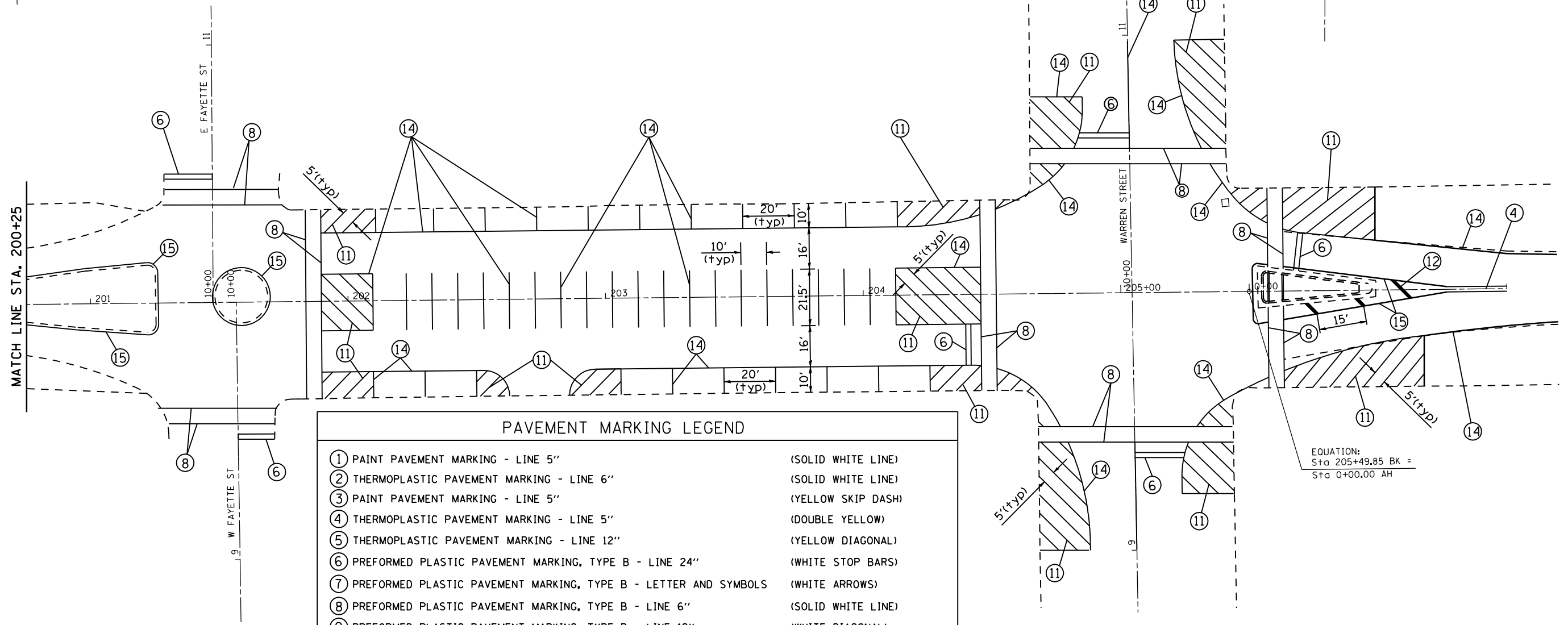
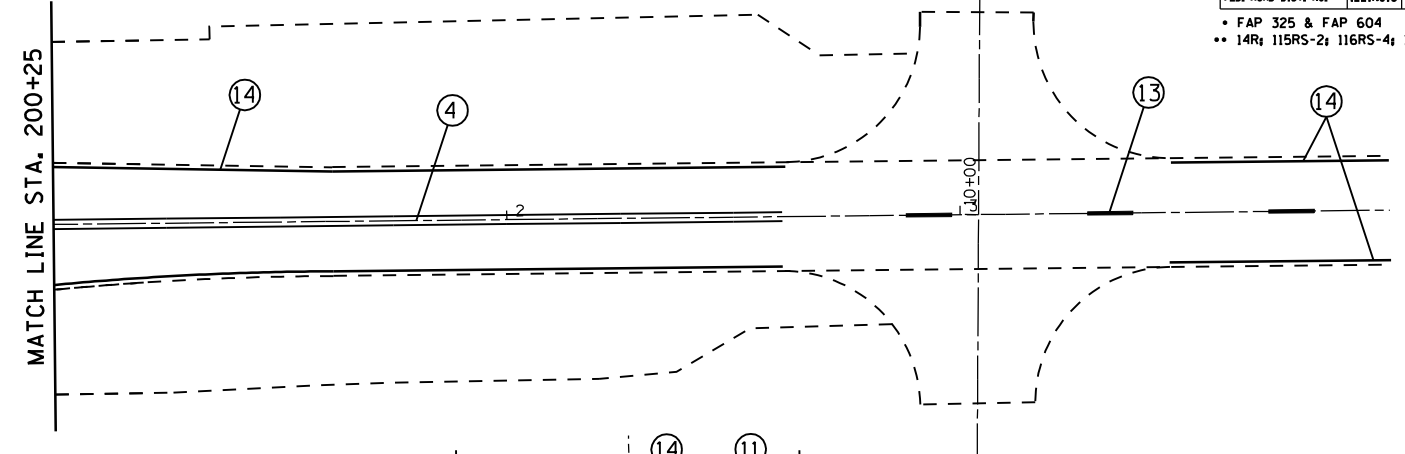
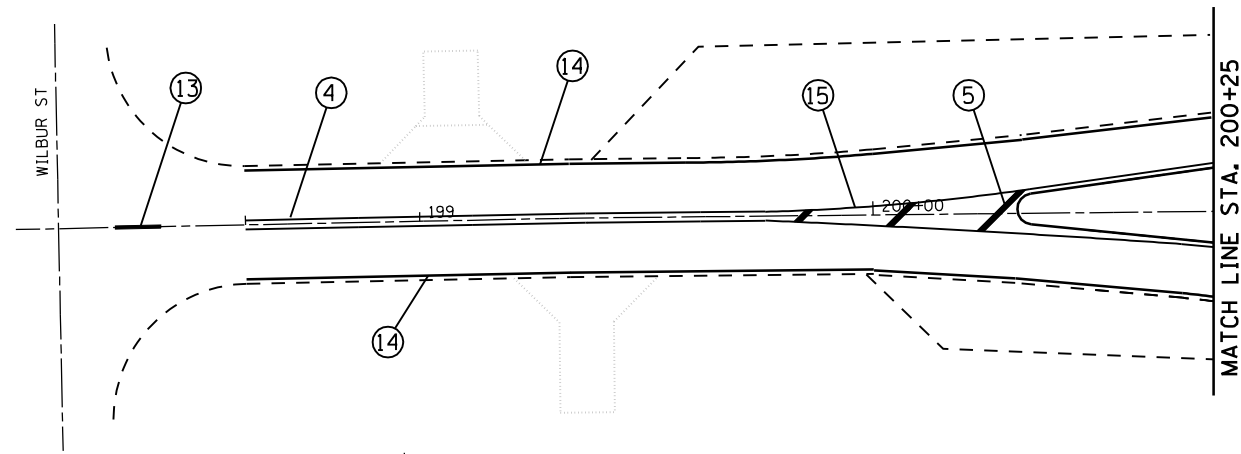
IL 16 / IL 159 SHEET 3 OF 3

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING SHEETS
 FAP 325 (IL 16) & 604 (IL 159)
 SECTION 14R; 115RS-2; 116RS-4; 101RS-2
 MACOUPIN COUNTY
 SCALE: VERT. _____
 HORIZ. _____
 DATE _____ DRAWN BY _____
 CHECKED BY _____

PLOT DATE : #DATES
 FILE NAME : #FILEL#
 PLOT SCALE : #SCALE#
 USER NAME : #USER#

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	**	MACOUPIN	231	94
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• FAP 325 & FAP 604 ** 14R; 115RS-2; 116RS-4; 10IRS-2				



EQUATION:
Sta 205+49.85 BK =
Sta 0+00.00 AH

PAVEMENT MARKING LEGEND

① PAINT PAVEMENT MARKING - LINE 5"	(SOLID WHITE LINE)
② THERMOPLASTIC PAVEMENT MARKING - LINE 6"	(SOLID WHITE LINE)
③ PAINT PAVEMENT MARKING - LINE 5"	(YELLOW SKIP DASH)
④ THERMOPLASTIC PAVEMENT MARKING - LINE 5"	(DOUBLE YELLOW)
⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 12"	(YELLOW DIAGONAL)
⑥ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24"	(WHITE STOP BARS)
⑦ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTER AND SYMBOLS	(WHITE ARROWS)
⑧ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"	(SOLID WHITE LINE)
⑨ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 12"	(WHITE DIAGONAL)
⑩ THERMOPLASTIC PAVEMENT MARKING - LINE 5"	(SOLID YELLOW LINE)
⑪ THERMOPLASTIC PAVEMENT MARKING, TYPE B - LINE 12"	(WHITE DIAGONAL)
⑫ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 5"	(SOLID WHITE LINE)
⑬ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 5"	(YELLOW SKIP DASH)
⑭ THERMOPLASTIC PAVEMENT MARKING, TYPE B - LINE 5"	(SOLID WHITE LINE)
⑮ THERMOPLASTIC PAVEMENT MARKING, TYPE B - LINE 5"	(SOLID YELLOW LINE)

PLOT DATE : #DATES
FILE NAME : #FILEL#
PLOT SCALE : #SCALE#
USER NAME : #USER#

REVISIONS	
NAME	DATE

BUNKER HILL

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING SHEETS

FAP 325 (IL 16) & FAP 604 (IL 159)
SECTION 14R; 115RS-2; 116RS-4; 10IRS-2
MACOUPIN COUNTY

SCALE: 1" = 20'
DATE: #DATE#

DRAWN BY
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	95
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* FAP 325 & FAP 604				
** 14R; 115RS-2; 116RS-4; 10IRS-2				



W3-1a (3636)
STA. 1132+75

M2-1 (2115)
M1-1100 (2424)
STA. 1134+50



R2-1 (3036)
STA. 115+50

M3-2 (2412)
M1-1100 (2424)
M5-1L (2115)
M3-3 (2412)
M1-1100 (2424)
M5-1R (2115)
STA. 1136+50



SHIPMAN 6
JERSEYVILLE 20

SIGN 001
STA. 1137+00

GILLESPIE
BUNKER HILL

SIGN 002
STA. 1138+00



M3-4 (2412)
M1-1100 (2424)
STA. 1138+00

EDWARDSVILLE
JERSEYVILLE
BEAVER DAM
STATE PARK

SIGN 006
STA. 114+75



M2-1 (2115)
M1-1100 (2424)
STA. 1134+50



R2-1 (3036)
STA. 105+00

BUNKER HILL 6
EDWARDSVILLE 23

SIGN 004
STA. 106+50

M3-3 (2412)
M1-1100 (2424)
STA. 107+50



R1-1 (3636)
R1-1100 (3018)



M3-3 (2412)
M1-1100 (2424)
M6-3 (2115)
M3-4 (2412)
M1-1100 (2424)
M6-1R (2115)
STA. 110+50



R2-1 (3036)
STA. 115+50

M3-3 (2412)
M1-1100 (2424)
M6-3 (2115)
M3-4 (2412)
M1-1100 (2424)
M5-1R (2115)
STA. 116+75

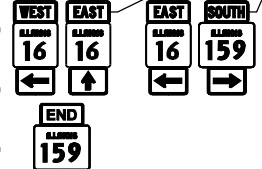
M2-1 (2115)
M1-1100 (2424)
STA. 104+25



GILLESPIE
SHIPMAN
BEAVER DAM
STATE PARK

SIGN 003
STA. 106+25

M3-4 (2412)
M1-1100 (2424)
M6-1L (2115)
M3-2 (2412)
M1-1100 (2424)
M6-3 (2115)
M4-6 (2412)
M1-1100 (2424)
STA. 109+10



M3-2 (2412)
M1-1100 (2424)
M6-1L (2115)
M3-3 (2412)
M1-1100 (2424)
M6-1R (2115)
STA. 110+50



R1-1 (3636)
R1-1100 (3018)
STA. 10+50



M3-2 (2412)
M1-1100 (2424)
STA. 112+00

GILLESPIE 8
LITCHFIELD 16

SIGN 005
STA. 114+00

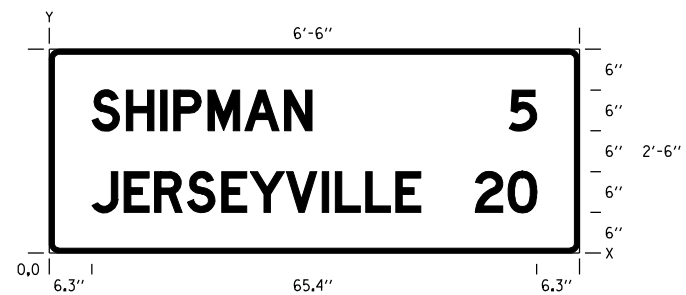
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PERMANENT SIGNING
FAP 325 (IL 16) & FAP 604 (IL 159)
SECTION 14R; 115RS-2; 116RS-4; 10IRS-2
MACOUPIN COUNTY
SCALE: VERT. _____
HORIZ. _____
DATE _____ DRAWN BY _____
CHECKED BY _____

PLOT DATE = 04/25/15
FILE NAME = 159IL16
PLOT SCALE = 1/8"=1'-0"
USER NAME = JLS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	**	MACOUPIN	231	96
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• FAP 325 & FAP 604				
•• 14R; 115RS-2; 116RS-4; 101RS-2				

SIGN DETAIL
SCALE 1:20



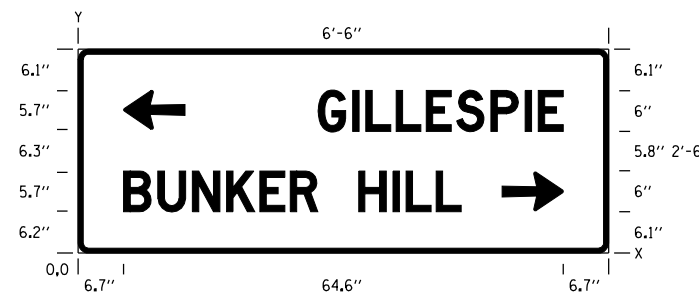
SIGN NUMBER	SIGNDETO1
WIDTH x HEIGHT	6'-6" x 2'-6"
BORDER WIDTH	0.8"
CORNER RADIUS	1.5"
MOUNTING	GROUND
BACKGROUND	TYPE: REFLECTIVE COLOR: GREEN
LEGEND/BORDER	TYPE: REFLECTIVE COLOR: WHITE

SYMBOL	X	Y	WID	HT

DIMENSIONS IN INCHES COORDINATES ARE TO LOWER LEFT CORNERS

Y FONT	LETTER POSITIONS (X)																HT LEN					
18.0	S	H	I	P	M	A	N	5														6.0
D	6.3	11.3	16.4	18.3	23.4	28.8	34.6	67.7														65.4
6.0	J	E	R	S	E	Y	V	I	L	L	E	2	0									6.0
D	6.3	11.0	15.5	20.3	25.4	29.6	34.9	40.1	42.1	46.5	51.0	62.6	67.5									65.4

SIGN DETAIL
SCALE 1:20



SIGN NUMBER	SIGNDETO2
WIDTH x HEIGHT	6'-6" x 2'-6"
BORDER WIDTH	0.8"
CORNER RADIUS	1.5"
MOUNTING	GROUND
BACKGROUND	TYPE: REFLECTIVE COLOR: GREEN
LEGEND/BORDER	TYPE: REFLECTIVE COLOR: WHITE

SYMBOL	X	Y	WID	HT
ARLONG	62.3	6.2	9.0	5.7
ARLONG,180deg	6.7	18.2	9.0	5.7

DIMENSIONS IN INCHES COORDINATES ARE TO LOWER LEFT CORNERS

Y FONT	LETTER POSITIONS (X)																HT LEN					
17.9	G	I	L	L	E	S	P	I	E													6.0
D	35.3	40.4	42.3	46.7	51.2	55.6	60.7	65.7	67.7													36.0
6.1	B	U	N	K	E	R	H	I	L	L												6.0
D	6.7	11.7	16.8	21.8	26.7	31.2	41.2	46.3	48.2	52.7												49.6

SHEET 1 OF 4

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SIGN DETAILS
FAP 325 (IL 16) & FAP 604 (IL 159)
SECTION 14R; 115RS-2; 116RS-4; 101RS-2
MACOUPIN COUNTY

SCALE: VERT.
HORIZ.
DATE

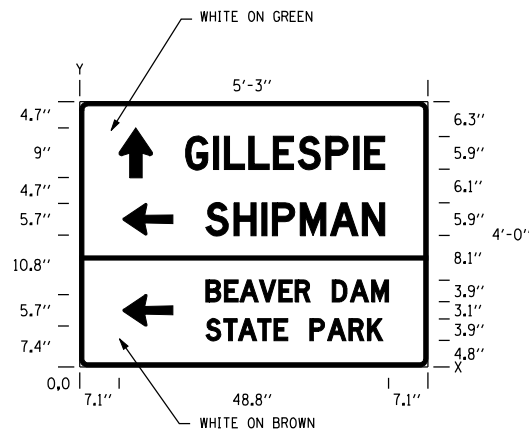
DRAWN BY
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	97

STA.	TO STA.
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

- * FAP 325 & FAP 604
- ** 14R; 115RS-2; 116RS-4; 101RS-2

SIGN DETAIL
SCALE 1:25



SIGN NUMBER	SIGNET03
WIDTH x HEIGHT	5'-3" x 4'-0"
BORDER WIDTH	0.8"
CORNER RADIUS	1.5"
MOUNTING	GROUND
BACKGROUND	TYPE: REFLECTIVE COLOR: GREEN
LEGEND/BORDER	TYPE: REFLECTIVE COLOR: WHITE

SYMBOL	X	Y	WID	HT
ARLONG,180deg	7.8	23.9	9.0	5.7
ARLONG,180deg	7.8	7.4	9.0	5.7
ARUP	7.1	34.3	6.1	9.0

DIMENSIONS IN INCHES COORDINATES ARE TO LOWER LEFT CORNERS

Y FONT	LETTER POSITIONS (X)															HT LEN				
35.8 D	G	I	L	L	E	S	P	I	E											6.0
	19.2	24.2	26.2	30.6	35.1	39.5	44.5	49.6	51.5											36.0
23.8 D	S	H	I	P	M	A	N													6.0
	22.9	27.9	32.9	34.9	39.9	45.3	51.1													32.3
11.8 D	B	E	A	V	E	R	D	A	M											4.0
	22.9	26.2	29.0	32.5	36.0	39.0	45.7	48.9	52.8											33.0
4.8 D	S	T	A	T	E	P	A	R	K											4.0
	22.9	26.1	28.7	32.2	35.2	41.6	44.9	48.7	52.1											32.0

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SIGN DETAILS
FAP 325 (IL 16) & FAP 604 (IL 159)
SECTION 14R; 115RS-2; 116RS-4; 101RS-2
MACOUPIN COUNTY

SCALE: VERT. _____
 HORIZ. _____

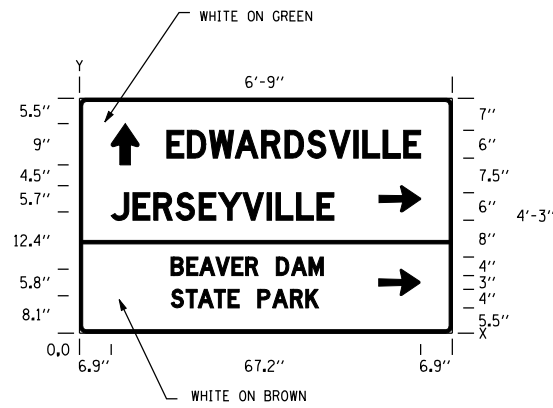
DATE _____ DRAWN BY _____
 CHECKED BY _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	**	MACOUPIN	231	99

FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT

- FAP 325 & FAP 604
- ** 14R; 115RS-2; 116RS-4; 101RS-2

SIGN DETAIL
SCALE 1:30



DIMENSIONS IN INCHES

COORDINATES ARE TO LOWER LEFT CORNERS

SIGN NUMBER	SIGNET06
WIDTH x HEIGHT	6'-9" x 4'-3"
BORDER WIDTH	0.8"
CORNER RADIUS	1.5"
MOUNTING	GROUND
BACKGROUND	TYPE: REFLECTIVE COLOR: GREEN
LEGEND/BORDER	TYPE: REFLECTIVE COLOR: WHITE

SYMBOL	X	Y	WID	HT
ARUP	6.9	36.5	6.1	9.0
ARLONG	65.1	26.3	9.0	5.7
ARLONG	65.0	8.1	9.0	5.7

Y FONT	LETTER POSITIONS (X)											HT LEN														
38.0 D	E	D	W	A	R	D	S	V	I	L	L	E														6.0 55.1
	19.0	23.4	28.3	33.8	39.6	44.6	49.5	54.3	59.6	61.5	66.0	70.4														
24.5 D	J	E	R	S	E	Y	V	I	L	L	E															6.0 48.4
	6.9	11.7	16.1	20.9	26.0	30.2	35.5	40.8	42.7	47.1	51.6															
12.5 D	B	E	A	V	E	R	D	A	M																	4.0 33.0
	19.9	23.3	26.1	29.6	33.1	36.1	42.8	46.0	49.9																	
5.5 D	S	T	A	T	E	P	A	R	K																	4.0 32.0
	19.9	23.1	25.8	29.3	32.3	38.7	41.9	45.8	49.1																	

ILLINOIS DEPARTMENT OF TRANSPORTATION
SIGN DETAILS
FAP 325 (IL 16) & FAP 604 (IL 159)
SECTION 14R; 115RS-2; 116RS-4; 101RS-2
MACOUPIN COUNTY

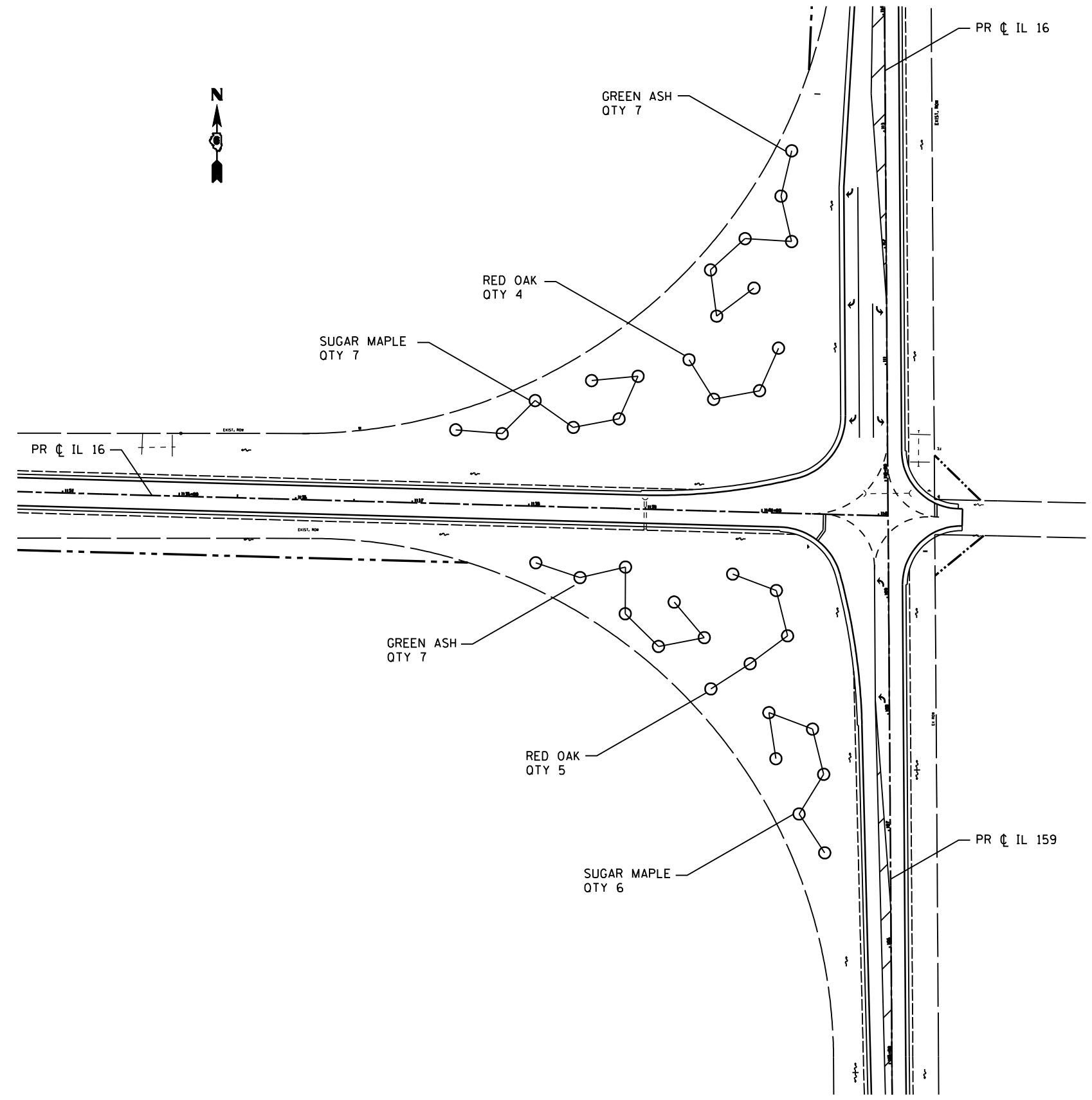
SCALE: VERT.
HORIZ.
DATE

DRAWN BY
CHECKED BY

REVISIONS	
NAME	DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	100
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* - FAP 325 & FAP 604
 ** - 14R, 115RS-2, 116RS-4, 101RS-2



○ PROPOSED SHADE TREE

- NOTE:
1. THE PROPOSED LANDSCAPING WILL BE INCLUDED AS PART OF THIS CONTRACT.
 2. ALL TREES TO BE SPACED APPROXIMATELY 40-50 FEET APART.
 3. ALL TREES TO BE STAKED BY DISTRICT LANDSCAPE ARCHITECT PRIOR TO PLANTING.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
LANDSCAPING DETAILS
 FAP 325 (IL 16) & FAP 604 (IL 159)
 SECTION 14R, 115RS-2, 116RS-4, 101RS-2
 MACOUPIN COUNTY

SCALE: VERT. _____
 HORIZ. _____

DATE _____ DRAWN BY _____
 CHECKED BY _____

DGN-SPEC
 DATE-TIME
 *REF01