

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117)RS-3	ST. CLAIR	77	1
		ILLINOIS	CONTRACT NO. 76K77	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROPOSED HIGHWAY PLANS

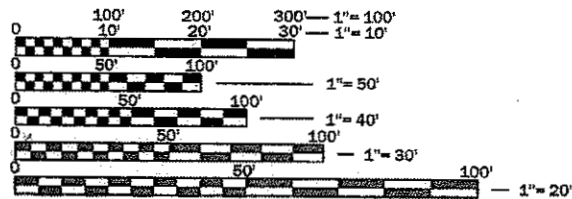
FAP ROUTE 592 (ILLINOIS ROUTE 157)
SECTION (119, 59, 118, 117)RS-3
PROJECT NHPP-WTX0 (370)
RESURFACING, PATCHING AND CURB RAMPS

TRAFFIC DATA

PETROFF DRIVE TO BUNKUM ROAD	HILL ROAD TO O'FALLON DRIVE
2015 ADT = 10,000 (ACTUAL)	2015 ADT = 9,600 (ACTUAL)
2018 ADT = 10,200 (ESTIMATED)	2018 ADT = 9,800 (ESTIMATED)
2028 ADT = 10,900 (ESTIMATED)	2028 ADT = 10,500 (ESTIMATED)
SU = 11.3% MU = 3.0%	SU = 4.2% MU = 1.3%
BUNKUM ROAD TO WEST LINCOLN AVE	O'FALLON DRIVE TO CASEYVILLE AVE
2015 ADT = 8,000 (ACTUAL)	2015 ADT = 10,600 (ACTUAL)
2018 ADT = 8,200 (ESTIMATED)	2018 ADT = 10,800 (ESTIMATED)
2028 ADT = 8,800 (ESTIMATED)	2028 ADT = 11,600 (ESTIMATED)
SU = 7.8% MU = 2.5%	SU = 5.4% MU = 1.6%
WEST LINCOLN AVE TO HILL ROAD	
2015 ADT = 8,550 (ACTUAL)	
2018 ADT = 8,700 (ESTIMATED)	
2028 ADT = 8,400 (ESTIMATED)	
SU = 5.6% MU = 1.4%	

FUNCTIONAL CLASSIFICATION

IL ROUTE 157 OTHER PRINCIPAL ARTERIAL



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.

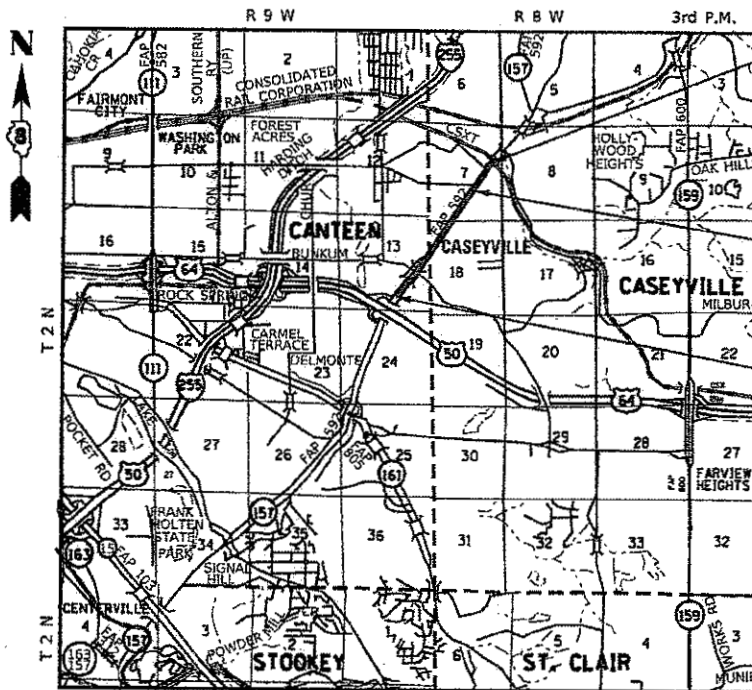
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER HERVE GELIN (618) 346-3179
SQUAD LEADER CECIL DOWNING (618) 346-3187

CONTRACT NO. 76K77

ST. CLAIR COUNTY

C-98-219-18



LOCATION MAP
CANTEEN AND CASEYVILLE TOWNSHIPS



GROSS LENGTH = 12,185.00 FEET = 2.3078 MILES
NET LENGTH = 12,177.70 FEET = 2.3064 MILES

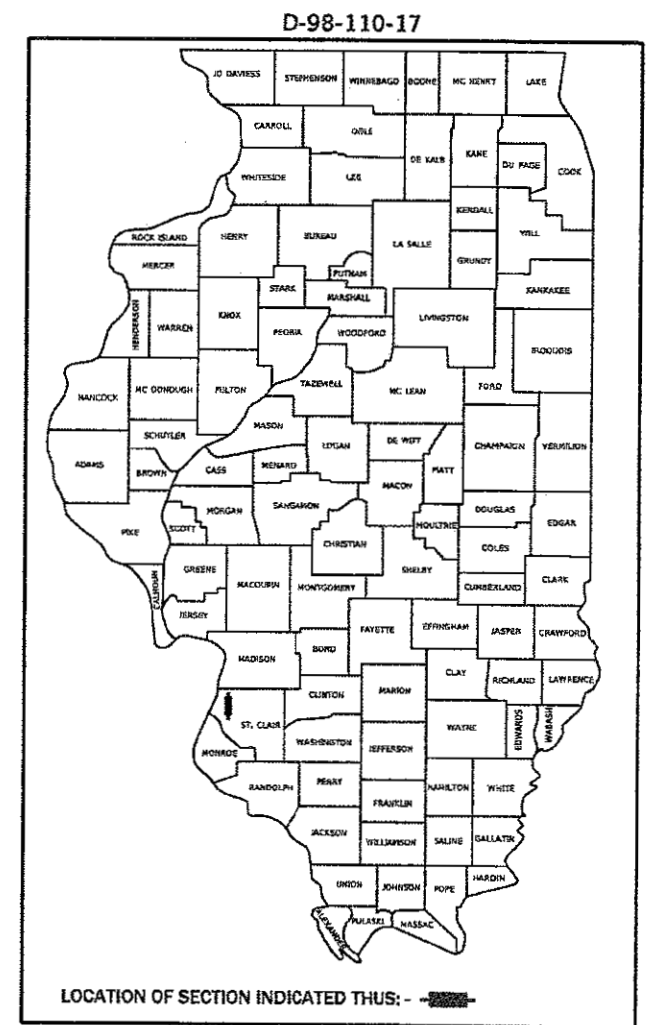
END SECTION (119, 59, 118, 117)RS-3
STA 181+39
LATITUDE: 38.6425°
LONGITUDE: -90.0189°

RAILROAD OMISSION
STA 160+08.5 TO STA 160+15.8

BEGIN SECTION (119, 59, 118, 117)RS-3
STA 59+54
LATITUDE: 38.6161°
LONGITUDE: -90.0447°



Elizabeth S. Witt
ILLINOIS PROFESSIONAL ENGINEER NO. 062-061876
EXP. 11-30-2019
APPLIES TO PLAN SHEETS: 1-41, 50-67, 74-77



PLANS PREPARED BY:
LOCHMUELLER GROUP
1928 SrA Bradley R. Smith Drive
Troy, IL 62294
PHONE: 618.667.1400

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Feb 1 2018
Jeffrey Z. Kan...
REGIONAL ENGINEER

Mar 23 2018
Paul P. Ch...
ENGINEER OF DESIGN AND ENVIRONMENT

Mar 23 2018
Paul P. Ch...
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

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HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
420001-09	PAVEMENT JOINTS
424001-10	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424026-02	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
442201-03	CLASS C AND D PATCHES
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606006-04	OUTLET FOR CONCRETE CURB AND GUTTER, TYPE B-6.24 (B-15.60)
630001-12	STEEL PLATE BEAM GUARDRAIL
630101-10	STRONG POST GUARDRAIL ATTACHED TO CULVERT
630301-08	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-10	TRAFFIC BARRIER TERMINAL, TYPE 2
666001-01	RIGHT-OF-WAY MARKERS
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≥ 45 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-08	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701602-09	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-07	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
725001-01	OBJECT AND TERMINAL MARKERS
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782001-01	CURB REFLECTORS
782006	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
814001-03	HANDHOLES
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
876001-04	PEDESTRIAN PUSH BUTTON POST
878001-10	CONCRETE FOUNDATION DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUT FOR DETECTION LOOPS
BLR 23-4	TRAFFIC BARRIER TERMINAL TYPE 1

MIX REQUIREMENT CHART

MIXTURE REQUIREMENTS							
THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT							
LOCATION (S):	FAP ROUTE 592 (IL ROUTE 157)					SIDE ROADS	
MIXTURE USE	SURFACE COURSE	LEVELING BINDER	SHOULDERS ≥ 2.25"	SHOULDERS < 2.25"	PATCHING	SURFACE COURSE	LEVELING BINDER
AC/PG	SBS 76-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22	SBS 76-22	PG 64-22
RAP %: (MAX)	SEE SPECIAL PROVISION	SEE SPECIAL PROVISION	SEE SPECIAL PROVISION	SEE SPECIAL PROVISION	SEE SPECIAL PROVISION	SEE SPECIAL PROVISION	SEE SPECIAL PROVISION
DESIGN AIR VOIDS	4% @ Ndes=70	4% @ Ndes=70	2% @ Ndes=30	2% @ Ndes=30	4% @ Ndes=70	4% @ Ndes=70	4% @ Ndes=70
MIX COMPOSITION (GRADATION)	IL 9.5	IL 9.5 FG	IL 19.0L	IL 9.5L	IL 19.0	IL 9.5	IL 9.5
FRICTION AGGREGATE	MIXTURE "D"	MIXTURE "C"			MIXTURE "B"	MIXTURE "D"	MIXTURE "C"
QUALITY MGMT PROGRAM	QCP	QCP	QC/QA	QC/QA	QC/QA	QCP	QC/QA

PLAN QUANTITIES FOR HOT-MIX ASPHALT SURFACE COURSE ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 112 LBS/SQ YD/INCH (0.056 TONS/SQ YD/INCH)

FILE NAME: S:\Projects\416-0015-5HY_M0#5_IL_157_3P_Petroff to Mod Co Line\Design\CADD_Sheets\0876K77-sht-gennote.dgn



USER NAME = ewelz	DESIGNED - ACM	REVISED -
MODEL NAME = Gen-01	DRAWN - PDB	REVISED -
PLOT SCALE = 0.1667" / 1"	CHECKED - ESW	REVISED -
PLOT DATE = 1/25/2018	DATE - 12/1/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP ROUTE 592 (IL ROUTE 157)
GENERAL NOTES, HIGHWAY STANDARDS AND INDEX OF SHEETS**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117)RS-3	ST CLAIR	77	2
CONTRACT NO. 76K77				
ILLINOIS FED. AID PROJECT NHP-PTX0 (370)				

SCALE: NONE SHEET 1 OF 2 SHEETS

GENERAL NOTES

1. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES WITHIN THE PROJECT AREA BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

- * AMEREN ILLINOIS GAS AND ELECTRIC
- * AT&T ILLINOIS COMMUNICATIONS
- * VILLAGE OF CASEYVILLE WATER AND SANITARY SEWER
- * CENTURYLINK, INC COMMUNICATIONS
- * CHARTER COMMUNICATIONS, INC. CABLE TV
- * CITY OF COLLINSVILLE WATER AND SANITARY SEWER
- * ILLINOIS NETWORK ALLIANCE COMMUNICATIONS
- * MEDIACOM CABLE TV
- * WINDSTREAM KDL, INC. COMMUNICATIONS

MEMBERS OF J.U.L.I.E. CALL TOLL FREE (800) 892-0123 OR 811 AND ARE INDICATED BY *.
NON- J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

2. THE CONTRACTOR AND THE ENGINEER SHALL BE AWARE THAT LIMITED SURVEY WAS PERFORMED FOR THIS PROJECT. THE STATIONING AND TOPOGRAPHY SHOWN IN THE PLANS WAS CREATED USING MICROFILM AND FIELD MEASUREMENTS. BOTH SHALL BE ASSUMED TO BE APPROXIMATE. THE CONTRACTOR SHALL VERIFY DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

3. THE THICKNESS OF HOT-MIX ASPHALT SURFACE MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT-MIX MIXTURE IS PLACED.

4. THE VARIOUS THICKNESS OF HOT-MIX SURFACE REMOVAL 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.

5. THE WIDTHS OF HOT-MIX SURFACE REMOVAL SHOWN ON THE PLANS ARE THE NOMINAL WIDTHS. IRREGULARITIES IN THE SURFACE WIDTH MAY OCCUR THROUGHOUT THE LENGTH OF THE SECTION. HOT-MIX SURFACE REMOVAL WILL BE PAID FOR IN SQUARE YARDS BASED UPON THE NOMINAL WIDTHS INDICATED.

6. THE DEPARTMENT STRONGLY ENCOURAGES THE PRIME CONTRACTOR AND THEIR APPROVED SUB-CONTRACTORS TO HIRE MINORITY, WOMEN AND DISADVANTAGED INDIVIDUALS FROM ITS FEDERALLY FUNDED HIGHWAY CONSTRUCTION CAREERS TRAINING PROGRAM (HCCTP) TO HELP MEET WORKFORCE AND TRAINEE GOALS. THIS PROGRAM IS TRAINING MINORITIES, WOMEN AND DISADVANTAGED INDIVIDUALS IN HIGHWAY CONSTRUCTION-RELATED SKILLS, E.G., MATH FOR THE TRADES, JOB READINESS, TECHNICAL SKILLS COURSEWORK (CARPENTRY, CONCRETE FLATWORK, BLUEPRINT READING, SITE PLANS, SITE WORK, TOOLS USE, ETC.) AND OSHA 10 HOUR CERTIFICATION, TO PREPARE THEM FOR A CAREER IN THE HIGHWAY CONSTRUCTION TRADES. GRADUATES ARE WELL-TRAINED AND READY TO BECOME PRODUCTIVE ENTRY-LEVEL CONSTRUCTION WORKERS. CONTACT THE DISTRICT 8 EEO OFFICE AT 618-346-3360 AND/OR THE HCCTP COORDINATOR AT 618-874-6528 TO LEARN MORE ABOUT THE PROGRAM AND FOR ASSISTANCE IN MEETING WORKFORCE AND TRAINEE GOALS.

7. ANY EXCAVATION ADJACENT TO THE EXISTING TRAVEL LANES DUE TO PATCHING OPERATIONS OR CURB CONSTRUCTION SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES AND APPROPRIATE LIGHTING.

8. ACCESS SHALL BE MAINTAINED TO PUBLIC, PRIVATE AND COMMERCIAL PROPERTIES AT ALL TIMES.

9. THE RECONSTRUCTION OF EXISTING SIDEWALK, PAVEMENT, CURB AND GUTTER, AS WELL AS OTHER MISCELLANEOUS ITEMS MAY REQUIRE EXCAVATIONS, EMBANKMENT OR AGGREGATE FILL MATERIAL DURING LEVELING TO ESTABLISH THE SUBGRADE OR FORMING FOR THE VARIOUS RECONSTRUCTION OPERATIONS FOR THIS PROJECT. ANY EARTHWORK, EMBANKMENT OR AGGREGATE FILL REQUIRED FOR SIDEWALK RECONSTRUCTION SHALL BE INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH.

10. ANY ADDITIONAL PAVEMENT REMOVAL OR CONSTRUCTION OF ADDITIONAL PROPOSED PAVEMENT OR WIDER GUTTER FLAG REQUIRED TO CONSTRUCT THE PROPOSED COMBINATION CONCRETE CURB AND GUTTER SHALL BE INCLUDED IN THE COST OF COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24.

11. 0.25 ACRES OF SEEDING CLASS 1, 0.25 ACRES OF MULCH METHOD 1, 23 POUNDS OF NITROGEN, PHOSPHORUS AND POTASSIUM FERTILIZER NUTRIENTS AND 25 POUNDS OF TEMPORARY EROSION CONTROL SEEDING HAVE BEEN PROVIDED FOR AREA DISTURBED DURING SIDEWALK AND CURB AND GUTTER CONSTRUCTION AND GUARDRAIL INSTALLATION.

12. EXISTING CURB REFLECTORS REMOVAL WILL NOT BE PAID FOR SEPARATELY BUT INCLUDED IN COST OF CURB REFLECTORS.

13. THE DISTRICT LAND ACQUISITION SECTION SHALL BE CONTACTED IF DIFFERENCES ARE IDENTIFIED BETWEEN ANY PROPOSED RIGHT-OF-WAY OR EASEMENT SHOWN ON THE ENGINEERING PLAN SHEETS AS COMPARED TO THE SAME PROPOSED RIGHT-OF-WAY OR EASEMENT SHOWN ON THE PLAT OF HIGHWAYS. QUESTIONS OR CONCERNS REGARDING THESE ITEMS SHOULD BE DIRECTED TO CLINT MARSHALL AT (618) 346-3124.

14. ALL EXISTING AND PROPOSED RIGHT-OF-WAY LINES AND PROPERTY LINES SHOWN ON THE ROADWAY PLAN SHEETS ARE GRAPHICAL REPRESENTATIONS AND SHALL NOT BE USED AS A MEANS TO ESTABLISH OWNERSHIP. IN ALL MATTERS RELATING TO RIGHT-OF-WAY, THE PLAT OF HIGHWAYS SHALL BE THE CONTROLLING DOCUMENT.

15. ANY MONUMENT OR PROPERTY CORNER TO BE SET SHALL BE SET BY AN ILLINOIS PROFESSIONAL LAND SURVEYOR WITH A DEPARTMENT PREQUALIFICATION IN "SPECIAL SERVICES - SURVEYING".

16. THE RIGHT-OF-WAY, PERMANENT EASEMENTS AND TEMPORARY EASEMENTS SHALL BE STAKED PRIOR TO ANY CONSTRUCTION OPERATIONS. THIS WORK SHALL BE PERFORMED BY IDOT PERSONNEL.

17. AN EMPTIED MTD WILL BE ALLOWED OVER STRUCTURES SN 082-0123, 082-2012, AND 082-2566.

COMMITMENTS

NONE

FILE NAME: D:\CADD Files\CADD Sheets\0876K77-ht-gennoto.dgn



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MODEL NAME = \$MODELNAME\$	DRAWN - PDB	REVISED -
PLOT SCALE = 0.1667"/in.	CHECKED - ESW	REVISED -
PLOT DATE = 2/1/2018	DATE - 12/1/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP ROUTE 592 (IL ROUTE 157)
GENERAL NOTES, HIGHWAY STANDARDS AND INDEX OF SHEETS**

SCALE: SHEET 2 OF 2 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117)RS-3	ST CLAIR	77	3
CONTRACT NO. 76K77				
ILLINOIS FED. AID PROJECT NHPP-WTX0 (370)				

SUMMARY OF QUANTITIES

80% FED
20% STATE

				CONSTRUCTION CODE		
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	SAFETY	
				0005	0021	
				URBAN	URBAN	
25000100	SEEDING, CLASS 1	ACRE	0.25	0.25		
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	23	23		
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	23	23		
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	23	23		
25100105	MULCH, METHOD 1	ACRE	0.25	0.25		
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	25	25		
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	39391	39391		
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	2444	2444		
40600990	TEMPORARY RAMP	SQ YD	2176	2176		
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	4311	4311		
42001300	PROTECTIVE COAT	SQ YD	281	199	82	
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	733		733	
42400800	DETECTABLE WARNINGS	SQ FT	114		114	
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	1611	1611		

FILE NAME: S:\Projects\16-0815-BHY-W045 IL 157-3P Per Traff. to Mad Co Lane\Design\CADD Sheets\0876277-sht-S00.dgn

14



USER NAME = Betsy
 MODEL NAME = SOQ-Q1
 PLOT SCALE = 0.1667" / in.
 PLOT DATE = 1/29/2018

DESIGNED - ACM
 DRAWN - PDS
 CHECKED - ESW
 DATE - 12/1/2017

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**FAP ROUTE 592 (IL ROUTE 157)
 SUMMARY OF QUANTITIES**

SCALE: NONE SHEET 1 OF 7 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 58, 118, 117)RS-3	ST CLAIR	77	4
CONTRACT NO. 76K77				
ILLINOIS FED. AID PROJECT NHPP-WTND (376)				

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				ROADWAY	SAFETY
				0005 URBAN	0021 URBAN
				80% FED 20% STATE	
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	36267	36267	
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	24003	24003	
44000400	GUTTER REMOVAL	FOOT	345	345	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	227	227	
44000600	SIDEWALK REMOVAL	SQ FT	442		442
44200152	PAVEMENT PATCHING, TYPE I, 13 INCH	SQ YD	37	37	
44200156	PAVEMENT PATCHING, TYPE II, 13 INCH	SQ YD	216	216	
44200160	PAVEMENT PATCHING, TYPE III, 13 INCH	SQ YD	37	37	
44200162	PAVEMENT PATCHING, TYPE IV, 13 INCH	SQ YD	240	240	
44200168	PAVEMENT PATCHING, TYPE II, 14 INCH	SQ YD	59	59	
48203100	HOT-MIX ASPHALT SHOULDERS	TON	1316	1316	
60600095	CLASS S1 CONCRETE (OUTLET)	CU YD	3	3	
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	540	540	
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	125	125	

* SPECIALTY ITEM

FILE NAME: S:\Projects\118-2005-SHY-WDPS-IL-157-3P-Peroff to Mod Co Line\Design\6400_Sheets\087677-sht-500.dgn



USER NAME = Betsy
 MODEL NAME = SQ-02
 PLOT SCALE = 0.10627 in.
 PLOT DATE = 1/31/2018

DESIGNED - ACM
 DRAWN - PDB
 CHECKED - ESW
 DATE - 12/3/2017

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**FAP ROUTE 592 (IL ROUTE 157)
 SUMMARY OF QUANTITIES**

SCALE: NONE SHEET 2 OF 7 SHEETS

F.A.P. RTE 592	SECTION (118, 58, 118, 117)RS-3	COUNTY ST CLAIR	TOTAL SHEETS 77	SHEET NO. 5
CONTRACT NO. 76K77				
ILLINOIS FED. AID PROJECT NHPA-WT0 (370)				

SUMMARY OF QUANTITIES

80% FED
20% STATE

				CONSTRUCTION CODE		
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	SAFETY	
				0005	0021	
				URBAN	URBAN	
* 63000030	STRONG POST GUARDRAIL ATTACHED TO CULVERT	FOOT	25	25		
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1	1		
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2	2		
63200310	GUARDRAIL REMOVAL	FOOT	374	374		
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	4	4		
* 66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1		
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	2	2		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	3	3		
67100100	MOBILIZATION	L SUM	1	1		
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1		
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1	1		
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1		
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1		
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1		

* SPECIALTY ITEM

FILE NAME: S:\Projects\16-0015-BHY MD#5 IL 157 3P PavProf to Mad Co Line\Design\CADD Sheets\0876477-sht-500.dgn



USER NAME = Betsy
MODEL NAME = SOQ-03
PLOT SCALE = 0.1667 / in.
PLOT DATE = 1/23/2018

DESIGNED - ACM
DRAWN - PDS
CHECKED - ESW
DATE - 12/1/2017

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP ROUTE 592 (IL ROUTE 157)
SUMMARY OF QUANTITIES**

SCALE: NONE SHEET 3 OF 7 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117)RS-3	ST CLAIR	77	6
CONTRACT NO. 76K77				
ILLINOIS FED. AID PROJECT NHPP-WF20 (370)				

SUMMARY OF QUANTITIES

80% FED
20% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				ROADWAY	SAFETY
				0005 URBAN	0021 URBAN
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DAY	10	10	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	7504	7504	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	834	834	
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	731	731	
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	48625	48625	
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	300	300	
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	446	446	
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	1029	1029	
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	307	307	
* 72000100	SIGN PANEL - TYPE 1	SQ FT	44	44	
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	3	3	
* 73000100	WOOD SIGN SUPPORT	FOOT	65	65	
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	731	731	

* SPECIALTY ITEM

FILE NAME: S:\P\objects\1416-02015-BHY MD15 IL 157 3P Planoff to Med Co Line\Design\CAD Sheets\0276477-sht-500.dgn



USER NAME = Betsy
MODEL NAME = SOQ-04
PLOT SCALE = 0.1667" in
PLOT DATE = 12/14/2017

DESIGNED - ACM
DRAWN - PDB
CHECKED - ESW
DATE - 12/1/2017

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP ROUTE 592 (IL ROUTE 157)
SUMMARY OF QUANTITIES

SCALE: NONE SHEET 4 OF 7 SHEETS

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117)RS-3	ST CLAIR	77	7
CONTRACT NO. 76K77				
ILLINOIS FED. AID PROJECT NHPP-WTX0 (370)				

14

SUMMARY OF QUANTITIES

80% FED
20% STATE

				CONSTRUCTION CODE		
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	SAFETY	
				0005	0021	
				URBAN	URBAN	
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	48625	48625		
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	300	300		
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	446	446		
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1029	1029		
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	307	307		
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	367	367		
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	8	8		
* 78200020	CURB REFLECTORS	EACH	175	175		
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	367	367	
* 80300100	LOCATING UNDERGROUND CABLE	FOOT	247	247		
* 81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	17		17	
* 81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1		1	
* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	481		481	
* 87601100	PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE I	EACH	2		2	

* SPECIALTY ITEM

FILE NAME: S:\Prj\01\118-0015-SHY\118-0015-SHY.dwg IL 157 3P Rev off to Mod Co Line\Design\CA00 Sheets\0576M77-shy-500.dgn



USER NAME = Betsy	DESIGNED - ACM	REVISED -
MODEL NAME = 500-05	DRAWN - PDB	REVISED -
PLOT SCALE = 0.1667" / in.	CHECKED - ESW	REVISED -
PLOT DATE = 1/29/2018	DATE - 12/1/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP ROUTE 592 (IL ROUTE 157)
SUMMARY OF QUANTITIES**

SCALE: NONE SHEET 5 OF 7 SHEETS

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117)RS-3	ST CLAIR	77	8
CONTRACT NO. 76K77				
ILLINOIS FED. AID PROJECT NHPP-WTXD (370)				

SUMMARY OF QUANTITIES

80% FED
20% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				ROADWAY	SAFETY
				0005 URBAN	0021 URBAN
* 87900200	DRILL EXISTING HANDHOLE	EACH	1		1
* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	4272	4272	
* 88800100	PEDESTRIAN PUSH-BUTTON	EACH	5		5
* 89502200	MODIFY EXISTING CONTROLLER	EACH	1		1
* 89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	260		260
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	9		9
X6060097	CLASS SI CONCRETE (OUTLET), SPECIAL	CU YD	1	1	
* X6300120	STEEL PLATE BEAM GUARDRAIL, 6 FOOT POSTS, SPECIAL	FOOT	137.5	137.5	
* X6330725	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)	FOOT	25	25	
X6660445	RIGHT OF WAY AND PROPERTY CORNERS	EACH	2	2	
X7015005	CHANGEABLE MESSAGE SIGN	CAL DAY	150	150	
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	19029	19029	
* X7800100	PAINT PAVEMENT MARKING - RAISED MEDIAN	SQ FT	105	105	
* X7800200	PAINT PAVEMENT MARKING CURB	FOOT	809	809	

* SPECIALTY ITEM

FILE NAME: S:\Projects\416-0215-SKY-W045 IL 157-3P-Parloff to Mod Co Line\Design\CADD Sheets\087677-int-500.dgn



USER NAME = Retay	DESIGNED - ACM	REVISED -
MODEL NAME = SOQ-06	DRAWN - PDB	REVISED -
PLOT SCALE = 0.1667" / ft.	CHECKED - ESW	REVISED -
PLOT DATE = 1/29/2016	DATE - 12/1/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP ROUTE 592 (IL ROUTE 157)
SUMMARY OF QUANTITIES**

SCALE: NONE SHEET 6 OF 7 SHEETS

F.A.P. RTE. 592	SECTION (119, 59, 118, 117)RS-3	COUNTY ST CLAIR	TOTAL SHEETS 77	SHEET NO. 9
CONTRACT NO. 76K77				ILLINOIS FED. AID PROJECT NHPP-WTX6 (370)

SUMMARY OF QUANTITIES

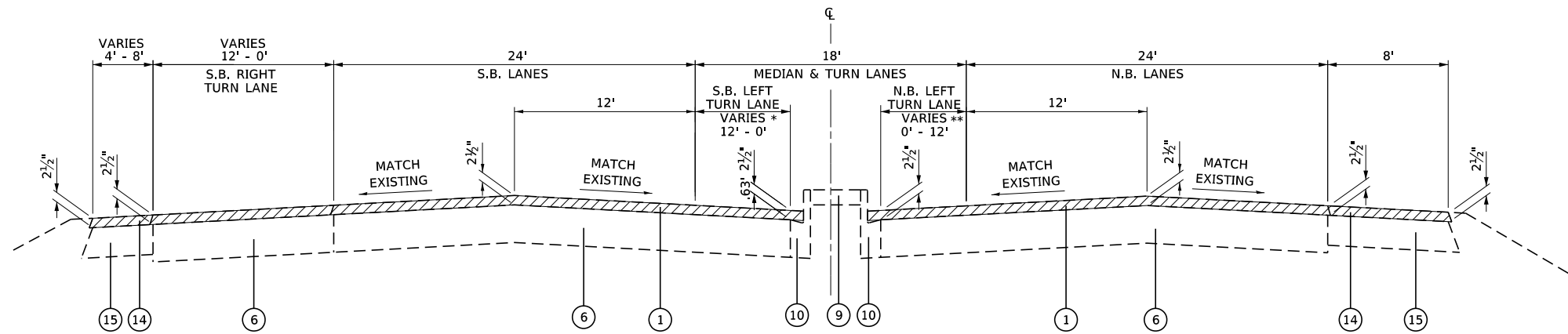
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				ROADWAY	80% FED 20% STATE		
					SAFETY		
					0005	0021	
URBAN	URBAN						
* X8800101	PEDESTRIAN PUSH-BUTTON, SPECIAL	EACH	3		3		
Z0004542	HOT-MIX ASPHALT REMOVAL (SPECIAL)	SQ YD	11	11			
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	27525	27525			
Z0034105	MATERIAL TRANSFER DEVICE	TON	6755	6755			
X2300007	TRAFFIC BARRIER TERMINAL, TYPE 1	EACH	1	1			
∅ Z0076600	TRAINEES	HOURL	1000	1000			
∅ Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOURL	1000	1000			

* SPECIALTY ITEM ∅ 0042

FILE NAME: S:\Projects\16-0016-SHY-W045-IL-157-3P-Petr-off to Med Co Lrns\Design\CADD Sheets\0976K77-INT-SDD.dgn

LEGEND

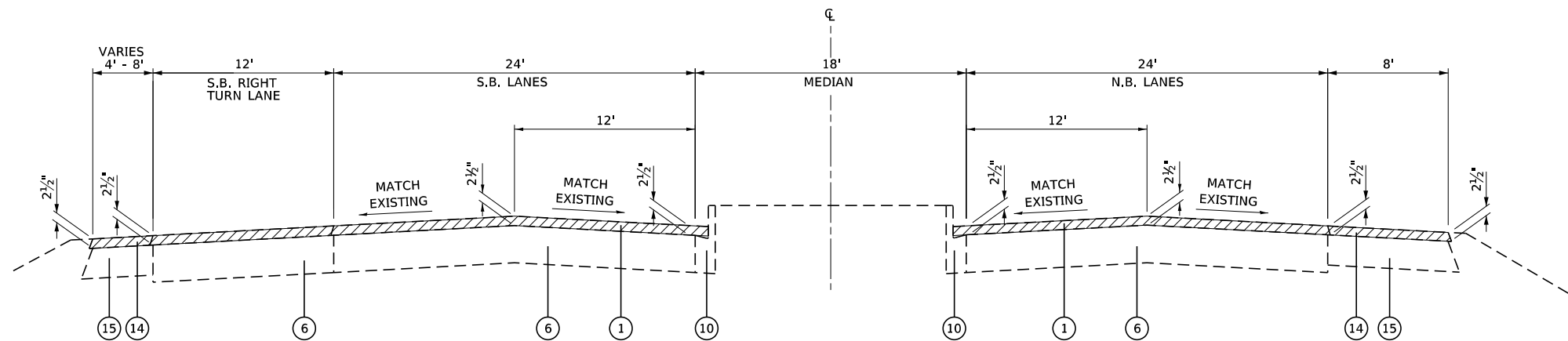
- ① EXISTING HMA RESURFACING, 2½"
- ② EXISTING HMA RESURFACING, 3¾" & VARIES
- ③ EXISTING HMA RESURFACING, 4" & VARIES
- ④ EXISTING HMA RESURFACING
- ⑤ EXISTING PCC PAVEMENT, 9"-7"-9"
- ⑥ EXISTING PCC PAVEMENT, 10"
- ⑦ EXISTING PCC PAVEMENT
- ⑧ EXISTING HMA WIDENING, 9"
- ⑨ EXISTING CONCRETE MEDIAN SURFACE, 4"
- ⑩ EXISTING COMBINATION CURB & GUTTER, TYPE B-9.06
- ⑪ EXISTING COMBINATION CURB & GUTTER, TYPE B-9.24
- ⑫ EXISTING COMBINATION CURB & GUTTER, TYPE B-6.18
- ⑬ EXISTING COMBINATION CURB & GUTTER, TYPE B-6.24
- ⑭ EXISTING HMA SHOULDER OVERLAY, 2½"
- ⑮ EXISTING HOT-MIX ASPHALT SHOULDER, 8"
- ⑯ EXISTING HOT-MIX ASPHALT SHOULDERS
- ⑰ EXISTING CONCRETE GUTTER, MODIFIED
- ⑱ EXISTING CONCRETE GUTTER, TYPE A
- ⑲ EXISTING CONCRETE GUTTER, TYPE B
- ⑳ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1½"
- ㉑ PROPOSED LEVELING BINDER (MACHINE METHOD), N70, 1"
- ㉒ PROPOSED LEVELING BINDER (MACHINE METHOD), N70, ¾"
- ㉓ PROPOSED BITUMINOUS MATERIALS (TACK COAT)
- ㉔ PROPOSED HOT-MIX ASPHALT SHOULDERS, 1½"
- ㉕ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2¼"
- ㉖ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2½"
- ㉗ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ㉘ PROPOSED LONGITUDINAL JOINT SEALANT
- ▨ HOT-MIX ASPHALT SURFACE REMOVAL



* S.B. LEFT TURN LANE
STA 59+54 TO STA 63+00

EXISTING TYPICAL SECTION
STA 59+54 TO STA 66+50

** N.B. LEFT TURN LANE
STA 63+00 TO STA 66+50



EXISTING TYPICAL SECTION
STA 66+50 TO STA 69+63

FILE NAME: S:\Projects\416-0015-5HY_40#5_IL_157_3P_Petroff to Mod Co Line\Design\CADD_Sheets\0876K77-shr-typicol.dgn



USER NAME = ewelz
MODEL NAME = Typ 01
PLOT SCALE = 10,0000' / 1in.
PLOT DATE = 1/25/2018

DESIGNED - ACM
DRAWN - PDB
CHECKED - ESW
DATE - 12/1/2017

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP ROUTE 592 (IL ROUTE 157)
TYPICAL SECTIONS

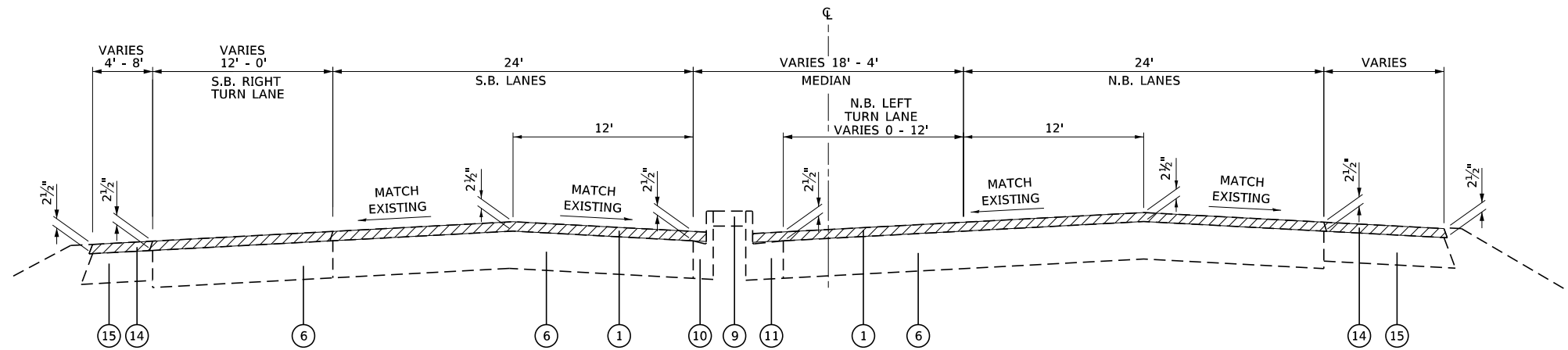
SCALE: 1"=5'

SHEET 1 OF 14 SHEETS

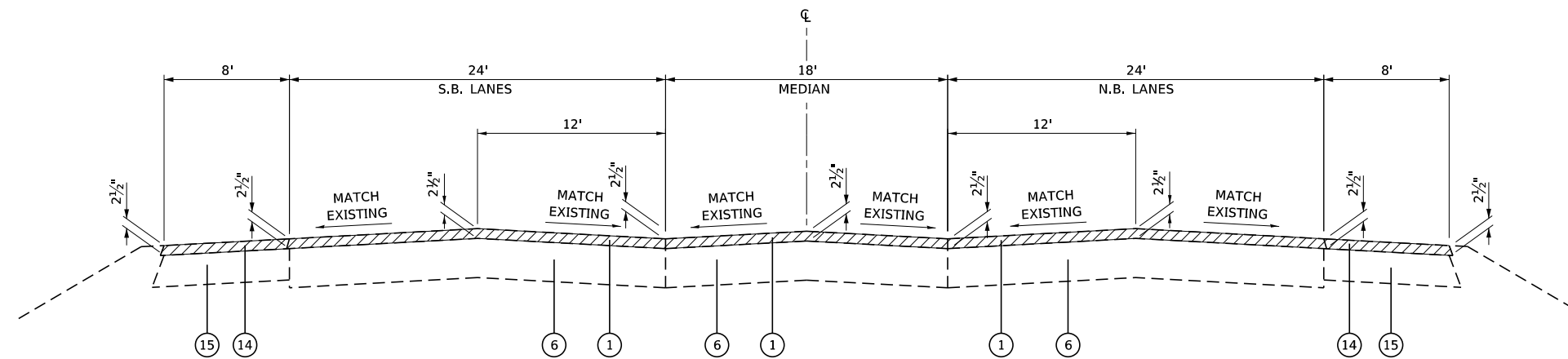
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117)RS-3	ST CLAIR	77	11
CONTRACT NO. 76K77				
ILLINOIS FED. AID PROJECT NHP-PTX0 (370)				

LEGEND

- ① EXISTING HMA RESURFACING, 2½"
- ② EXISTING HMA RESURFACING, 3¾" & VARIES
- ③ EXISTING HMA RESURFACING, 4" & VARIES
- ④ EXISTING HMA RESURFACING
- ⑤ EXISTING PCC PAVEMENT, 9"-7"-9"
- ⑥ EXISTING PCC PAVEMENT, 10"
- ⑦ EXISTING PCC PAVEMENT
- ⑧ EXISTING HMA WIDENING, 9"
- ⑨ EXISTING CONCRETE MEDIAN SURFACE, 4"
- ⑩ EXISTING COMBINATION CURB & GUTTER, TYPE B-9.06
- ⑪ EXISTING COMBINATION CURB & GUTTER, TYPE B-9.24
- ⑫ EXISTING COMBINATION CURB & GUTTER, TYPE B-6.18
- ⑬ EXISTING COMBINATION CURB & GUTTER, TYPE B-6.24
- ⑭ EXISTING HMA SHOULDER OVERLAY, 2½"
- ⑮ EXISTING HOT-MIX ASPHALT SHOULDER, 8"
- ⑯ EXISTING HOT-MIX ASPHALT SHOULDERS
- ⑰ EXISTING CONCRETE GUTTER, MODIFIED
- ⑱ EXISTING CONCRETE GUTTER, TYPE A
- ⑲ EXISTING CONCRETE GUTTER, TYPE B
- ⑳ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1½"
- ㉑ PROPOSED LEVELING BINDER (MACHINE METHOD), N70, 1"
- ㉒ PROPOSED LEVELING BINDER (MACHINE METHOD), N70, ¾"
- ㉓ PROPOSED BITUMINOUS MATERIALS (TACK COAT)
- ㉔ PROPOSED HOT-MIX ASPHALT SHOULDERS, 1½"
- ㉕ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2¼"
- ㉖ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2½"
- ㉗ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ㉘ PROPOSED LONGITUDINAL JOINT SEALANT
- ▨ HOT-MIX ASPHALT SURFACE REMOVAL



EXISTING TYPICAL SECTION
STA 69+63 TO STA 73+50



EXISTING TYPICAL SECTION
STA 73+50 TO STA 77+00

FILE NAME: S:\Projects\416-0015-5HY_M0#5_IL_157_3P_Petroff to Mad Co Line\Design\CADD_Sheets\0876K77-shr-typicol.dgn



USER NAME = ewelz
MODEL NAME = Typ 02
PLOT SCALE = 10,0000' / in.
PLOT DATE = 1/25/2018

DESIGNED - ACM
DRAWN - PDB
CHECKED - ESW
DATE - 12/1/2017

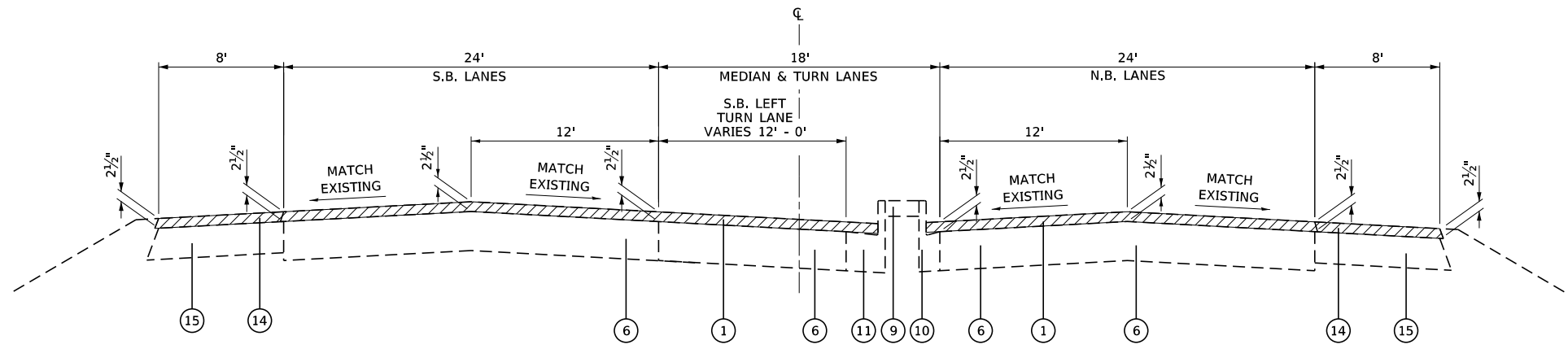
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

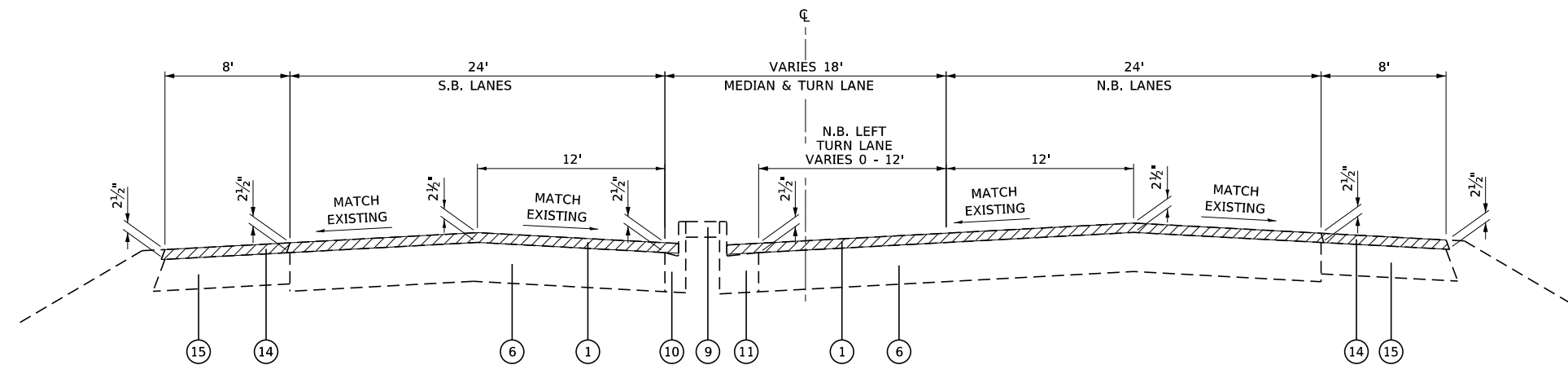
FAP ROUTE 592 (IL ROUTE 157)
TYPICAL SECTIONS

SCALE: 1"=5' SHEET 2 OF 14 SHEETS

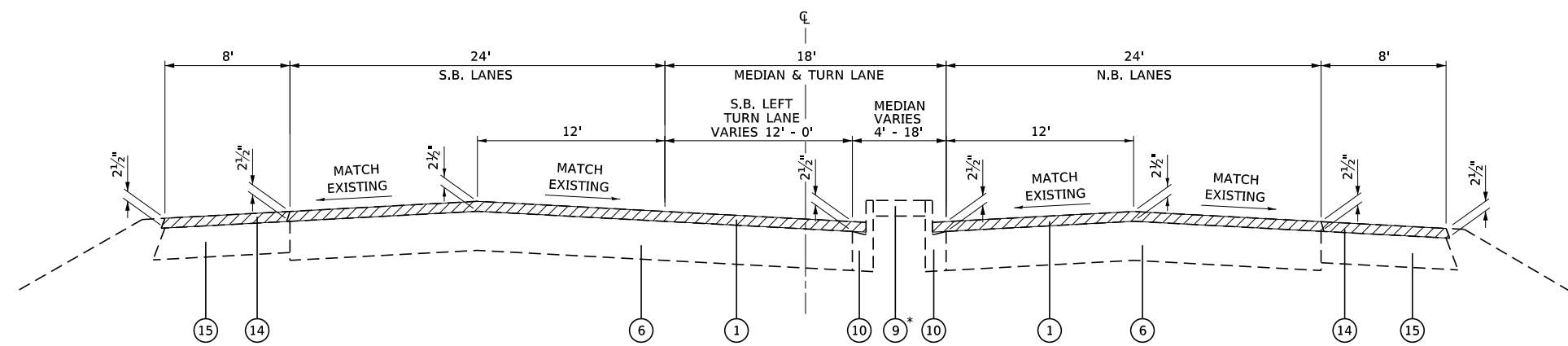
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117)RS-3	ST CLAIR	77	12
CONTRACT NO. 76K77				
ILLINOIS FED. AID PROJECT NHP-PTX0 (370)				



EXISTING TYPICAL SECTION
STA 77+00 TO STA 78+50



EXISTING TYPICAL SECTION
STA 78+50 TO STA 81+50



EXISTING TYPICAL SECTION
STA 81+50 TO STA 86+55

* GRASS MEDIAN
STA 86+40 TO STA 86+55

LEGEND

- ① EXISTING HMA RESURFACING, 2½"
- ② EXISTING HMA RESURFACING, 3¾" & VARIES
- ③ EXISTING HMA RESURFACING, 4" & VARIES
- ④ EXISTING HMA RESURFACING
- ⑤ EXISTING PCC PAVEMENT, 9"-7"-9"
- ⑥ EXISTING PCC PAVEMENT, 10"
- ⑦ EXISTING PCC PAVEMENT
- ⑧ EXISTING HMA WIDENING, 9"
- ⑨ EXISTING CONCRETE MEDIAN SURFACE, 4"
- ⑩ EXISTING COMBINATION CURB & GUTTER, TYPE B-9.06
- ⑪ EXISTING COMBINATION CURB & GUTTER, TYPE B-9.24
- ⑫ EXISTING COMBINATION CURB & GUTTER, TYPE B-6.18
- ⑬ EXISTING COMBINATION CURB & GUTTER, TYPE B-6.24
- ⑭ EXISTING HMA SHOULDER OVERLAY, 2½"
- ⑮ EXISTING HOT-MIX ASPHALT SHOULDER, 8"
- ⑯ EXISTING HOT-MIX ASPHALT SHOULDERS
- ⑰ EXISTING CONCRETE GUTTER, MODIFIED
- ⑱ EXISTING CONCRETE GUTTER, TYPE A
- ⑲ EXISTING CONCRETE GUTTER, TYPE B
- ⑳ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1½"
- ㉑ PROPOSED LEVELING BINDER (MACHINE METHOD), N70, 1"
- ㉒ PROPOSED LEVELING BINDER (MACHINE METHOD), N70, ¾"
- ㉓ PROPOSED BITUMINOUS MATERIALS (TACK COAT)
- ㉔ PROPOSED HOT-MIX ASPHALT SHOULDERS, 1½"
- ㉕ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2¼"
- ㉖ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2½"
- ㉗ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ㉘ PROPOSED LONGITUDINAL JOINT SEALANT
- ▨ HOT-MIX ASPHALT SURFACE REMOVAL

FILE NAME: S:\Projects\416-0015-5HY_M0#5_IL_157_3P_Petroff to Mod Co Line\Design\CADD_Sheets\0876K77-shr-typical.dgn



USER NAME = ewelz	DESIGNED - ACM	REVISED -
MODEL NAME = Typ 03	DRAWN - PDB	REVISED -
PLOT SCALE = 10,0000' / in.	CHECKED - ESW	REVISED -
PLOT DATE = 1/25/2018	DATE - 12/1/2017	REVISED -


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

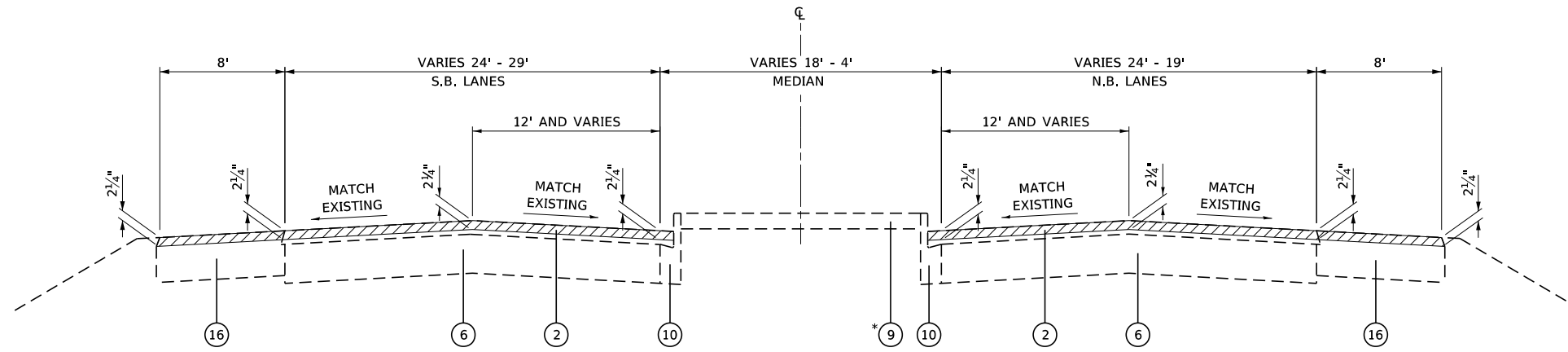
**FAP ROUTE 592 (IL ROUTE 157)
TYPICAL SECTIONS**

SCALE: 1"=5' SHEET 3 OF 14 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117)RS-3	ST CLAIR	77	13
CONTRACT NO. 76K77				
ILLINOIS FED. AID PROJECT NHP-17X0 (370)				

LEGEND

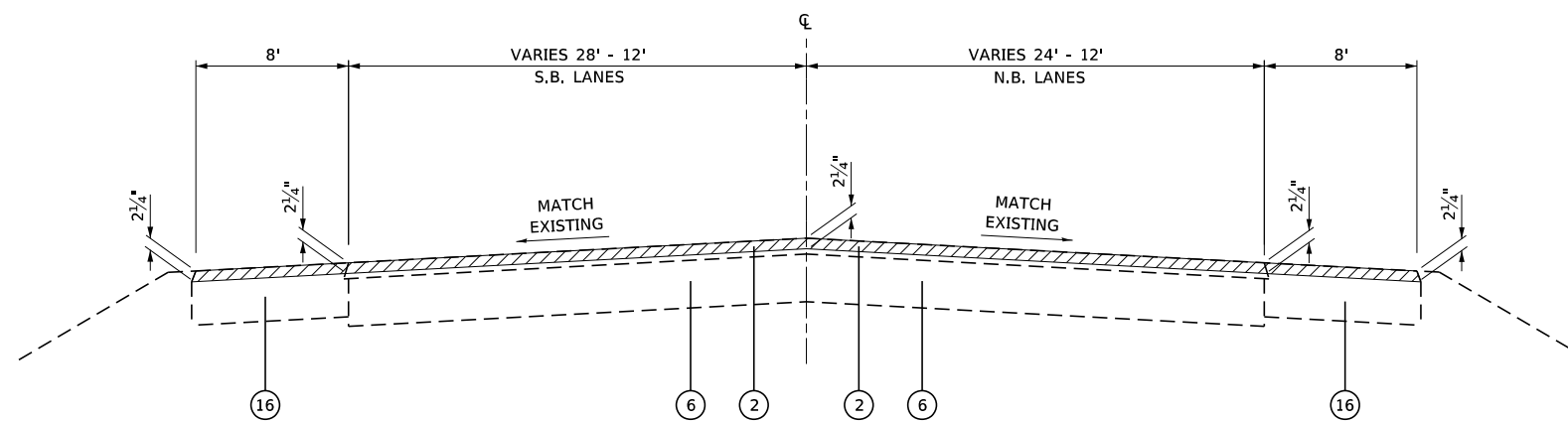
- ① EXISTING HMA RESURFACING, 2½"
- ② EXISTING HMA RESURFACING, 3¾" & VARIES
- ③ EXISTING HMA RESURFACING, 4" & VARIES
- ④ EXISTING HMA RESURFACING
- ⑤ EXISTING PCC PAVEMENT, 9"-7"-9"
- ⑥ EXISTING PCC PAVEMENT, 10"
- ⑦ EXISTING PCC PAVEMENT
- ⑧ EXISTING HMA WIDENING, 9"
- ⑨ EXISTING CONCRETE MEDIAN SURFACE, 4"
- ⑩ EXISTING COMBINATION CURB & GUTTER, TYPE B-9.06
- ⑪ EXISTING COMBINATION CURB & GUTTER, TYPE B-9.24
- ⑫ EXISTING COMBINATION CURB & GUTTER, TYPE B-6.18
- ⑬ EXISTING COMBINATION CURB & GUTTER, TYPE B-6.24
- ⑭ EXISTING HMA SHOULDER OVERLAY, 2½"
- ⑮ EXISTING HOT-MIX ASPHALT SHOULDER, 8"
- ⑯ EXISTING HOT-MIX ASPHALT SHOULDERS
- ⑰ EXISTING CONCRETE GUTTER, MODIFIED
- ⑱ EXISTING CONCRETE GUTTER, TYPE A
- ⑲ EXISTING CONCRETE GUTTER, TYPE B
- ⑳ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1½"
- ㉑ PROPOSED LEVELING BINDER (MACHINE METHOD), N70, 1"
- ㉒ PROPOSED LEVELING BINDER (MACHINE METHOD), N70, ¾"
- ㉓ PROPOSED BITUMINOUS MATERIALS (TACK COAT)
- ㉔ PROPOSED HOT-MIX ASPHALT SHOULDERS, 1½"
- ㉕ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2¼"
- ㉖ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2½"
- ㉗ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ㉘ PROPOSED LONGITUDINAL JOINT SEALANT
-  HOT-MIX ASPHALT SURFACE REMOVAL



EXISTING TYPICAL SECTION

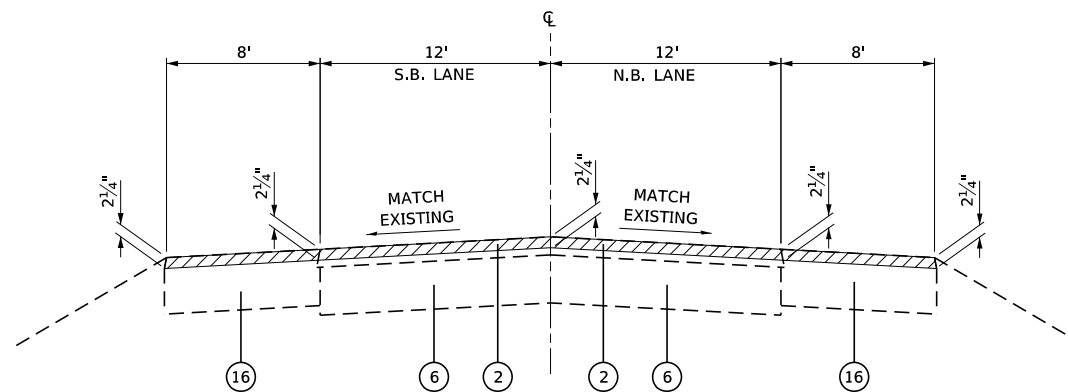
STA 86+55 TO STA 90+63

* GRASS MEDIAN
STA 86+55 TO STA 88+20



EXISTING TYPICAL SECTION

STA 90+63 TO STA 95+61



EXISTING TYPICAL SECTION

STA 95+61 TO STA 99+05

FILE NAME: S:\Projects\416-0015-5HY_M05_IL_157_3P_Petroff to Mod Co Line\Design\CADD_Sheets\0876K77-shr-typicals.dgn



USER NAME = ewelz
MODEL NAME = Typ 04
PLOT SCALE = 10,0000' / in.
PLOT DATE = 1/25/2018

DESIGNED - ACM
DRAWN - PDB
CHECKED - ESW
DATE - 12/1/2017

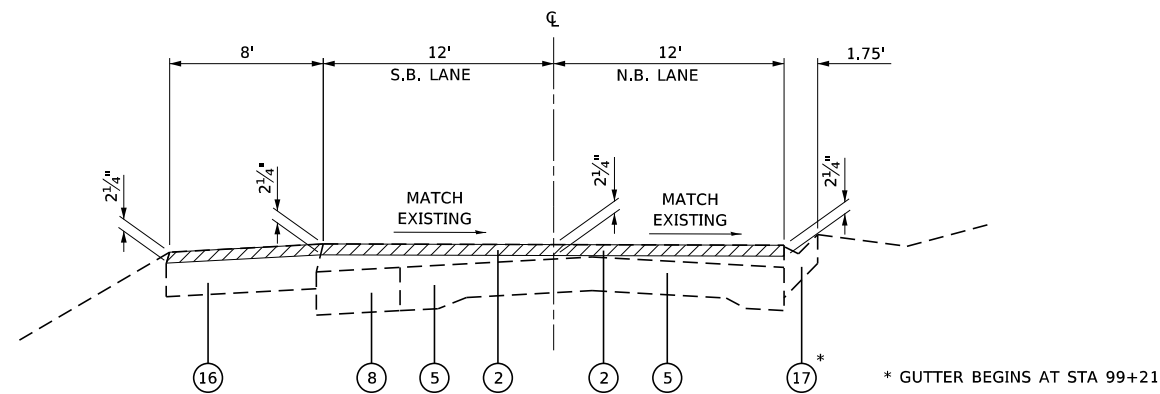
REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

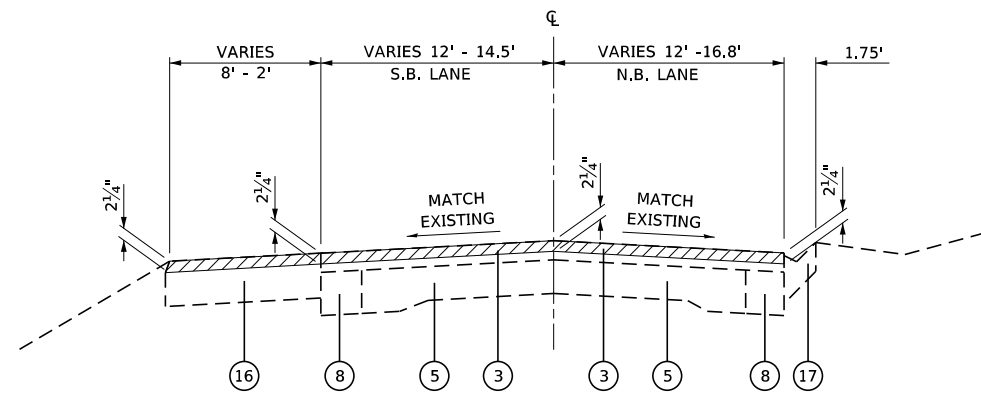
**FAP ROUTE 592 (IL ROUTE 157)
TYPICAL SECTIONS**

SCALE: 1"=5' SHEET 4 OF 14 SHEETS

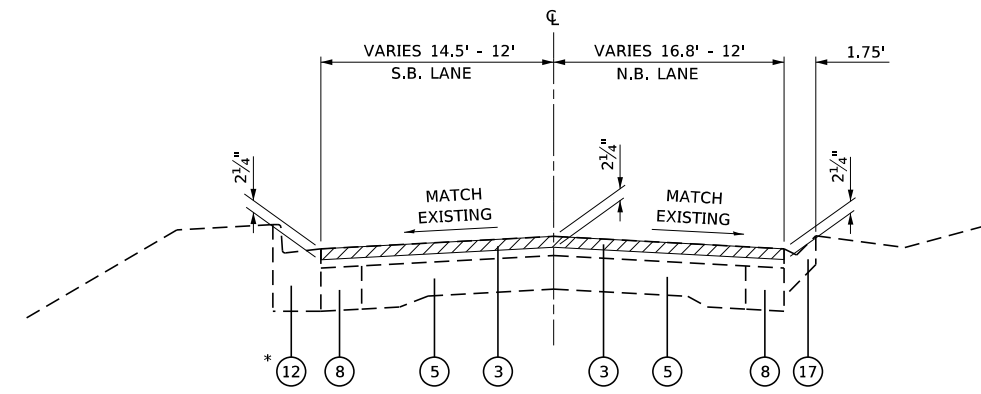
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117)RS-3	ST CLAIR	77	14
CONTRACT NO. 76K77				
ILLINOIS FED. AID PROJECT NHP-PTX0 (370)				



EXISTING TYPICAL SECTION
STA 99+05 TO STA 135+00



EXISTING TYPICAL SECTION
STA 135+00 TO STA 138+53



* COMBINATION CURB & GUTTER
ENDS AT STA 145+03

EXISTING TYPICAL SECTION
STA 138+53 TO STA 145+89

LEGEND

- ① EXISTING HMA RESURFACING, 2 1/2"
- ② EXISTING HMA RESURFACING, 3 3/4" & VARIES
- ③ EXISTING HMA RESURFACING, 4" & VARIES
- ④ EXISTING HMA RESURFACING
- ⑤ EXISTING PCC PAVEMENT, 9"-7"-9"
- ⑥ EXISTING PCC PAVEMENT, 10"
- ⑦ EXISTING PCC PAVEMENT
- ⑧ EXISTING HMA WIDENING, 9"
- ⑨ EXISTING CONCRETE MEDIAN SURFACE, 4"
- ⑩ EXISTING COMBINATION CURB & GUTTER, TYPE B-9.06
- ⑪ EXISTING COMBINATION CURB & GUTTER, TYPE B-9.24
- ⑫ EXISTING COMBINATION CURB & GUTTER, TYPE B-6.18
- ⑬ EXISTING COMBINATION CURB & GUTTER, TYPE B-6.24
- ⑭ EXISTING HMA SHOULDER OVERLAY, 2 1/2"
- ⑮ EXISTING HOT-MIX ASPHALT SHOULDER, 8"
- ⑯ EXISTING HOT-MIX ASPHALT SHOULDERS
- ⑰ EXISTING CONCRETE GUTTER, MODIFIED
- ⑱ EXISTING CONCRETE GUTTER, TYPE A
- ⑲ EXISTING CONCRETE GUTTER, TYPE B
- ⑳ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- ㉑ PROPOSED LEVELING BINDER (MACHINE METHOD), N70, 1"
- ㉒ PROPOSED LEVELING BINDER (MACHINE METHOD), N70, 3/4"
- ㉓ PROPOSED BITUMINOUS MATERIALS (TACK COAT)
- ㉔ PROPOSED HOT-MIX ASPHALT SHOULDERS, 1 1/2"
- ㉕ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2 1/4"
- ㉖ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2 1/2"
- ㉗ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ㉘ PROPOSED LONGITUDINAL JOINT SEALANT
- ▨ HOT-MIX ASPHALT SURFACE REMOVAL

FILE NAME: S:\Projects\416-0015-5HY_M05_IL_157_3P_Petroff to Mod Co Line\Design\CADD_Sheets\0876K77-shr-typical.dgn



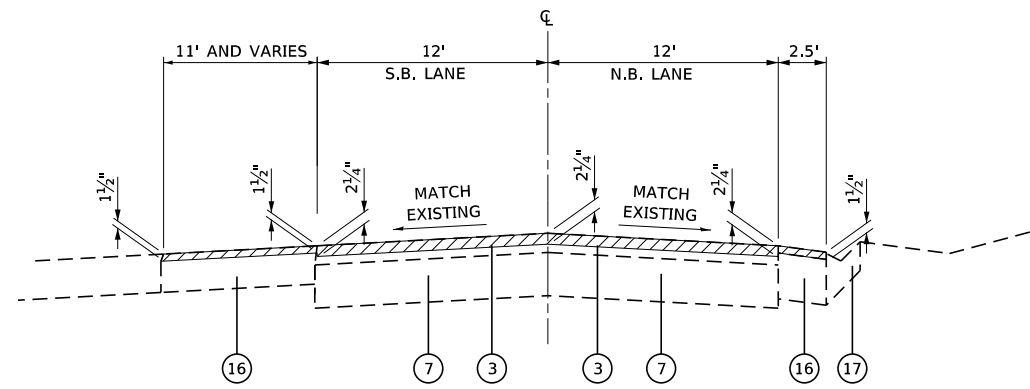
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MODEL NAME = Typ 05	DRAWN - PDB	REVISED -
PLOT SCALE = 10,0000' / in.	CHECKED - ESW	REVISED -
PLOT DATE = 1/25/2018	DATE - 12/1/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

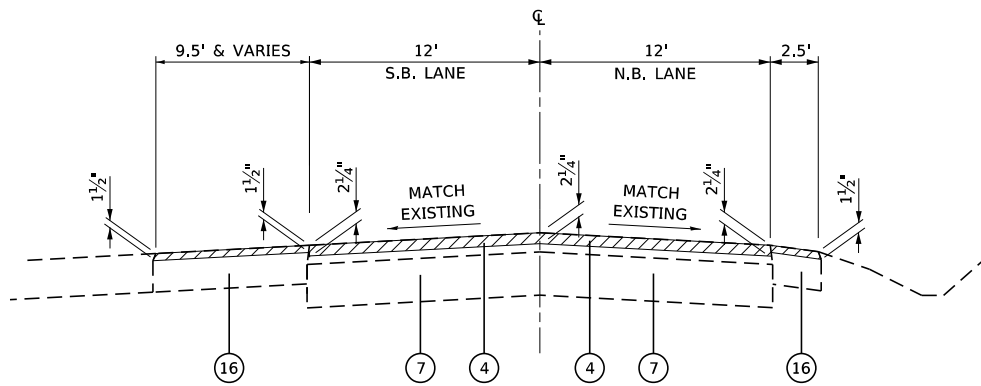
FAP ROUTE 592 (IL ROUTE 157)
TYPICAL SECTIONS

SCALE: 1"=5' SHEET 5 OF 14 SHEETS

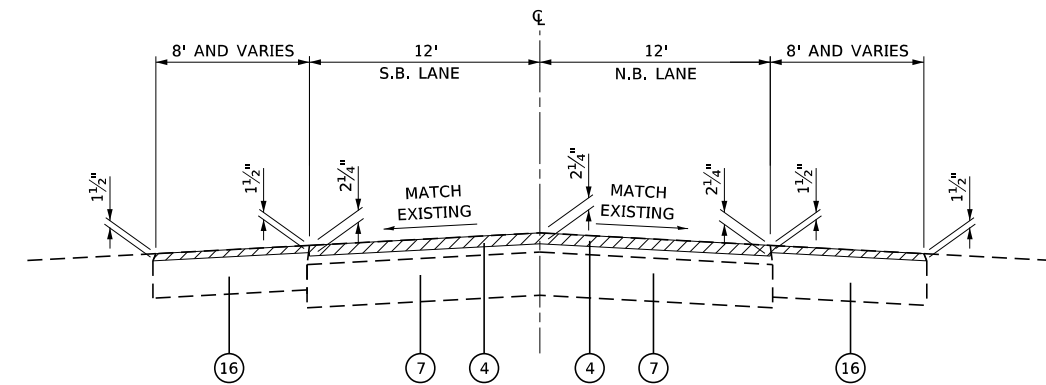
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117)RS-3	ST CLAIR	77	15
CONTRACT NO. 76K77				
ILLINOIS FED. AID PROJECT NHP-PTX0 (370)				



EXISTING TYPICAL SECTION
STA 145+89 TO STA 147+60



EXISTING TYPICAL SECTION
STA 147+60 TO STA 154+81



EXISTING TYPICAL SECTION
STA 154+81 TO STA 157+50

LEGEND

- ① EXISTING HMA RESURFACING, 2½"
 - ② EXISTING HMA RESURFACING, 3¾" & VARIES
 - ③ EXISTING HMA RESURFACING, 4" & VARIES
 - ④ EXISTING HMA RESURFACING
 - ⑤ EXISTING PCC PAVEMENT, 9"-7"-9"
 - ⑥ EXISTING PCC PAVEMENT, 10"
 - ⑦ EXISTING PCC PAVEMENT
 - ⑧ EXISTING HMA WIDENING, 9"
 - ⑨ EXISTING CONCRETE MEDIAN SURFACE, 4"
 - ⑩ EXISTING COMBINATION CURB & GUTTER, TYPE B-9.06
 - ⑪ EXISTING COMBINATION CURB & GUTTER, TYPE B-9.24
 - ⑫ EXISTING COMBINATION CURB & GUTTER, TYPE B-6.18
 - ⑬ EXISTING COMBINATION CURB & GUTTER, TYPE B-6.24
 - ⑭ EXISTING HMA SHOULDER OVERLAY, 2½"
 - ⑮ EXISTING HOT-MIX ASPHALT SHOULDER, 8"
 - ⑯ EXISTING HOT-MIX ASPHALT SHOULDERS
 - ⑰ EXISTING CONCRETE GUTTER, MODIFIED
 - ⑱ EXISTING CONCRETE GUTTER, TYPE A
 - ⑲ EXISTING CONCRETE GUTTER, TYPE B
 - ⑳ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1½"
 - ㉑ PROPOSED LEVELING BINDER (MACHINE METHOD), N70, 1"
 - ㉒ PROPOSED LEVELING BINDER (MACHINE METHOD), N70, ¾"
 - ㉓ PROPOSED BITUMINOUS MATERIALS (TACK COAT)
 - ㉔ PROPOSED HOT-MIX ASPHALT SHOULDERS, 1½"
 - ㉕ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2¼"
 - ㉖ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2½"
 - ㉗ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - ㉘ PROPOSED LONGITUDINAL JOINT SEALANT
- ▨ HOT-MIX ASPHALT SURFACE REMOVAL

FILE NAME: S:\Projects\416-0015-5HY_M05_IL_157_3P_Petroff to Mod Co Line\Design\CADD_Sheets\0876K77-shr-typical.dgn



USER NAME = ewelz
 MODEL NAME = Typ 06
 PLOT SCALE = 10,0000 1/16"
 PLOT DATE = 1/25/2018

DESIGNED - ACM
 DRAWN - PDB
 CHECKED - ESW
 DATE - 12/1/2017

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

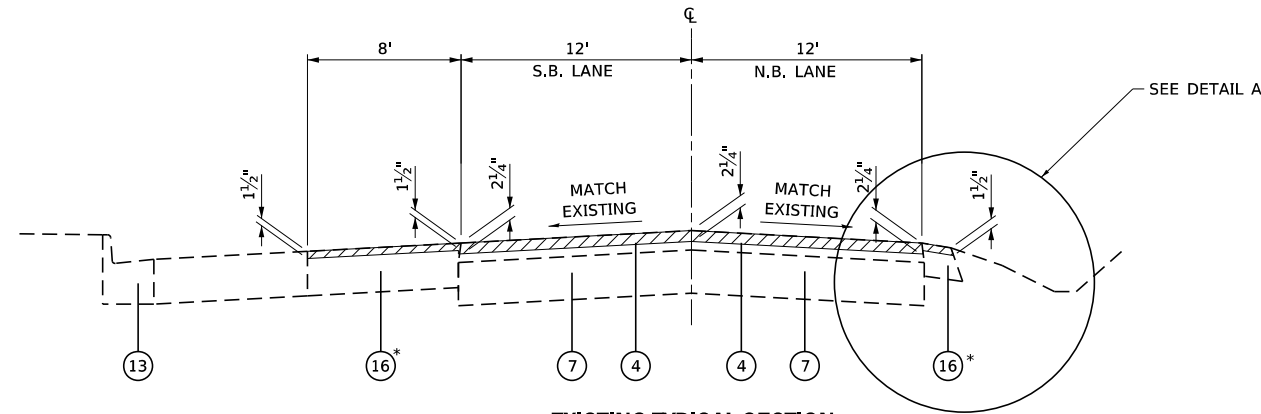
FAP ROUTE 592 (IL ROUTE 157)
 TYPICAL SECTIONS

SCALE: 1"=5' SHEET 6 OF 14 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117)RS-3	ST CLAIR	77	16
CONTRACT NO. 76K77				
ILLINOIS FED. AID PROJECT NHPP-WTX0 (370)				

LEGEND

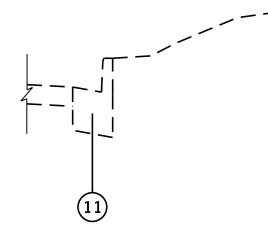
- ① EXISTING HMA RESURFACING, 2½"
 - ② EXISTING HMA RESURFACING, 3¾" & VARIES
 - ③ EXISTING HMA RESURFACING, 4" & VARIES
 - ④ EXISTING HMA RESURFACING
 - ⑤ EXISTING PCC PAVEMENT, 9"-7"-9"
 - ⑥ EXISTING PCC PAVEMENT, 10"
 - ⑦ EXISTING PCC PAVEMENT
 - ⑧ EXISTING HMA WIDENING, 9"
 - ⑨ EXISTING CONCRETE MEDIAN SURFACE, 4"
 - ⑩ EXISTING COMBINATION CURB & GUTTER, TYPE B-9.06
 - ⑪ EXISTING COMBINATION CURB & GUTTER, TYPE B-9.24
 - ⑫ EXISTING COMBINATION CURB & GUTTER, TYPE B-6.18
 - ⑬ EXISTING COMBINATION CURB & GUTTER, TYPE B-6.24
 - ⑭ EXISTING HMA SHOULDER OVERLAY, 2½"
 - ⑮ EXISTING HOT-MIX ASPHALT SHOULDER, 8"
 - ⑯ EXISTING HOT-MIX ASPHALT SHOULDERS
 - ⑰ EXISTING CONCRETE GUTTER, MODIFIED
 - ⑱ EXISTING CONCRETE GUTTER, TYPE A
 - ⑲ EXISTING CONCRETE GUTTER, TYPE B
 - ⑳ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1½"
 - ㉑ PROPOSED LEVELING BINDER (MACHINE METHOD), N70, 1"
 - ㉒ PROPOSED LEVELING BINDER (MACHINE METHOD), N70, ¾"
 - ㉓ PROPOSED BITUMINOUS MATERIALS (TACK COAT)
 - ㉔ PROPOSED HOT-MIX ASPHALT SHOULDERS, 1½"
 - ㉕ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2¼"
 - ㉖ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2½"
 - ㉗ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - ㉘ PROPOSED LONGITUDINAL JOINT SEALANT
- HOT-MIX ASPHALT SURFACE REMOVAL



EXISTING TYPICAL SECTION

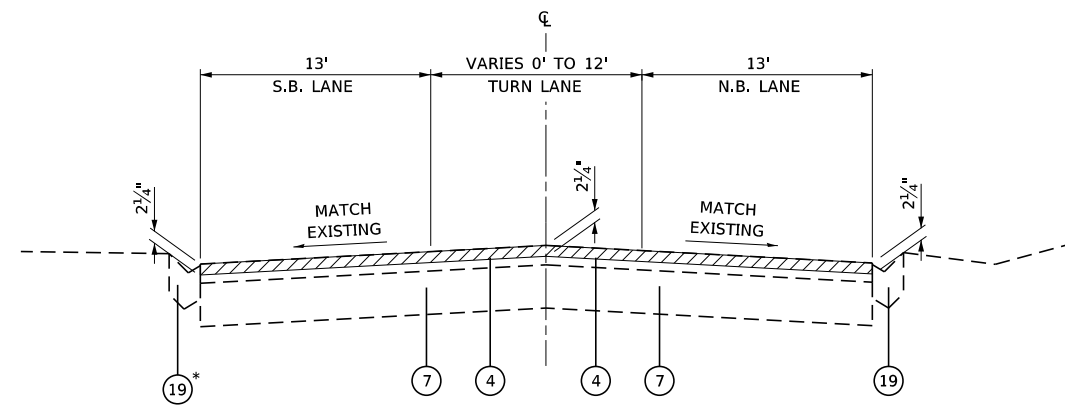
STA 157+50 TO STA 160+08.5
 STA 160+15.8 TO STA 160+67
 RAILROAD OMISSION
 STA 160+08.5 TO STA 160+15.8

* SHOULDER HOT-MIX ASPHALT SURFACE REMOVAL ENDS AT STA 159+92



DETAIL A

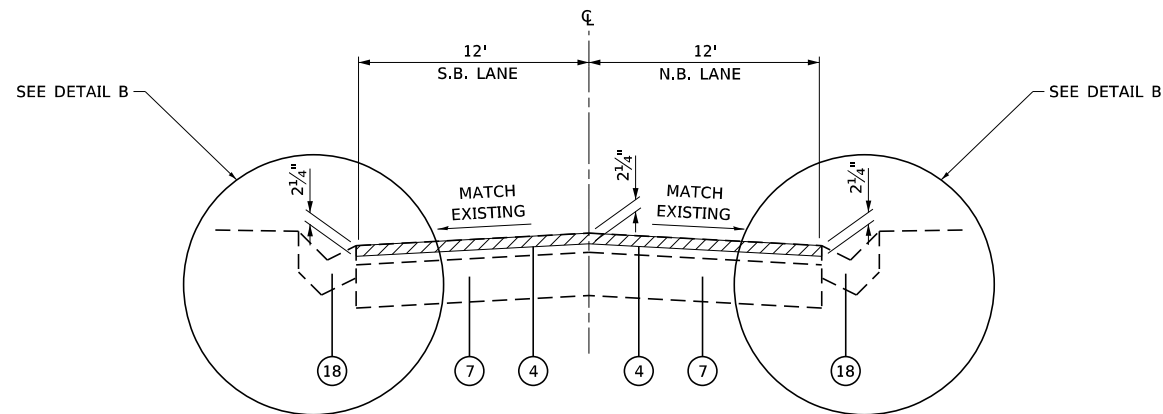
STA 157+95 TO STA 158+95



EXISTING TYPICAL SECTION

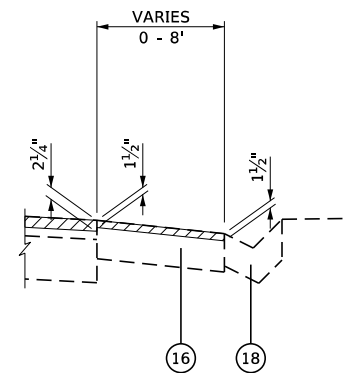
STA 160+67 TO STA 176+91

* GUTTER BEGINS STA 161+06



EXISTING TYPICAL SECTION

STA 176+91 TO STA 181+39



DETAIL B

STA 180+69 TO STA 181+78 LT
 STA 181+04 TO STA 182+14 RT

FILE NAME: S:\Projects\416-0015-5HY_M0#5_IL_157_3P_Petroff to Mod Co Line\Design\CADD_Sheets\0876K77-shr-typical.dgn



USER NAME = ewelz
 MODEL NAME = Typ 07
 PLOT SCALE = 10,0000" / 1"
 PLOT DATE = 1/25/2018

DESIGNED - ACM
 DRAWN - PDB
 CHECKED - ESW
 DATE - 12/1/2017

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

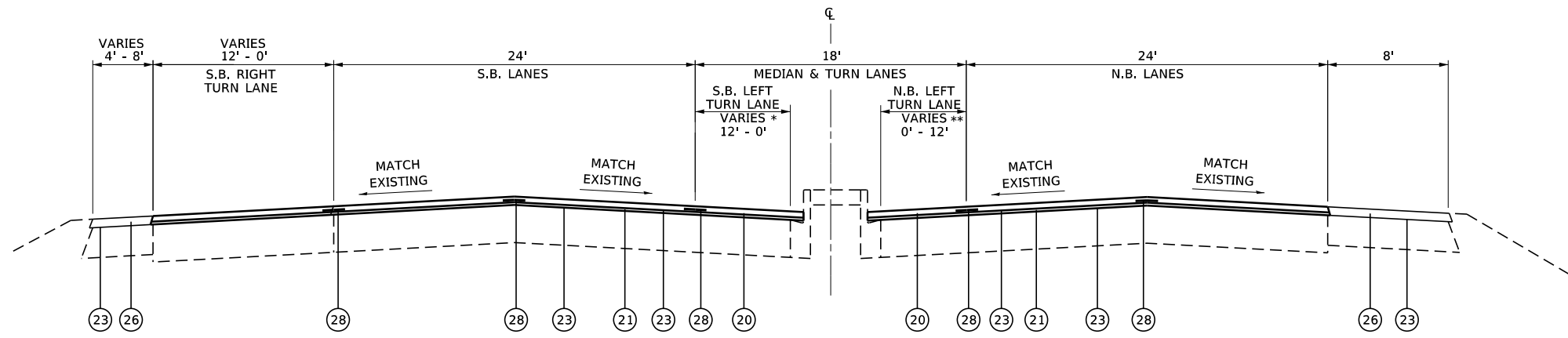
FAP ROUTE 592 (IL ROUTE 157)
 TYPICAL SECTIONS

SCALE: 1"=5' SHEET 7 OF 14 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117)RS-3	ST CLAIR	77	17
CONTRACT NO. 76K77				
ILLINOIS FED. AID PROJECT NHPP-W1X0 (370)				

LEGEND

- ① EXISTING HMA RESURFACING, 2½"
- ② EXISTING HMA RESURFACING, 3¾" & VARIES
- ③ EXISTING HMA RESURFACING, 4" & VARIES
- ④ EXISTING HMA RESURFACING
- ⑤ EXISTING PCC PAVEMENT, 9"-7"-9"
- ⑥ EXISTING PCC PAVEMENT, 10"
- ⑦ EXISTING PCC PAVEMENT
- ⑧ EXISTING HMA WIDENING, 9"
- ⑨ EXISTING CONCRETE MEDIAN SURFACE, 4"
- ⑩ EXISTING COMBINATION CURB & GUTTER, TYPE B-9.06
- ⑪ EXISTING COMBINATION CURB & GUTTER, TYPE B-9.24
- ⑫ EXISTING COMBINATION CURB & GUTTER, TYPE B-6.18
- ⑬ EXISTING COMBINATION CURB & GUTTER, TYPE B-6.24
- ⑭ EXISTING HMA SHOULDER OVERLAY, 2½"
- ⑮ EXISTING HOT-MIX ASPHALT SHOULDER, 8"
- ⑯ EXISTING HOT-MIX ASPHALT SHOULDERS
- ⑰ EXISTING CONCRETE GUTTER, MODIFIED
- ⑱ EXISTING CONCRETE GUTTER, TYPE A
- ⑲ EXISTING CONCRETE GUTTER, TYPE B
- ⑳ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1½"
- ㉑ PROPOSED LEVELING BINDER (MACHINE METHOD), N70, 1"
- ㉒ PROPOSED LEVELING BINDER (MACHINE METHOD), N70, ¾"
- ㉓ PROPOSED BITUMINOUS MATERIALS (TACK COAT)
- ㉔ PROPOSED HOT-MIX ASPHALT SHOULDERS, 1½"
- ㉕ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2¼"
- ㉖ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2½"
- ㉗ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ㉘ PROPOSED LONGITUDINAL JOINT SEALANT
- ▨ HOT-MIX ASPHALT SURFACE REMOVAL

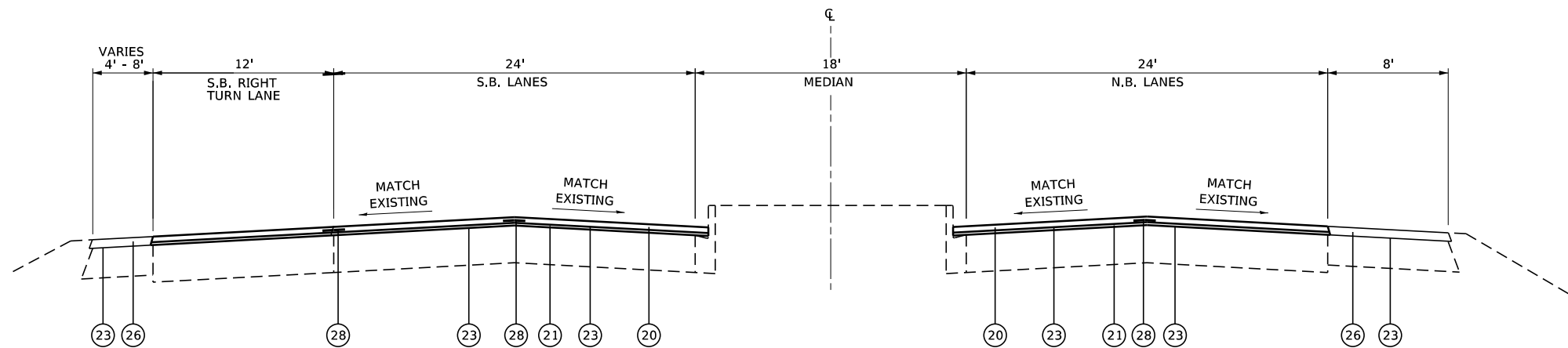


PROPOSED TYPICAL SECTION

STA 59+54 TO STA 66+50

* S.B. LEFT TURN LANE
STA 59+54 TO STA 63+00

** N.B. LEFT TURN LANE
STA 63+00 TO STA 66+50



PROPOSED TYPICAL SECTION

STA 66+50 TO STA 69+63

FILE NAME: S:\Projects\416-0015-5HY_M0#5_IL_157_3P_Petroff to Mad Co Line\Design\CADD_Sheets\0876K77-shr-typical.dgn



USER NAME = ewelz	DESIGNED - ACM	REVISED -
MODEL NAME = Typ 08	DRAWN - PDB	REVISED -
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PLOT DATE = 1/25/2018	DATE - 12/1/2017	REVISED -


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

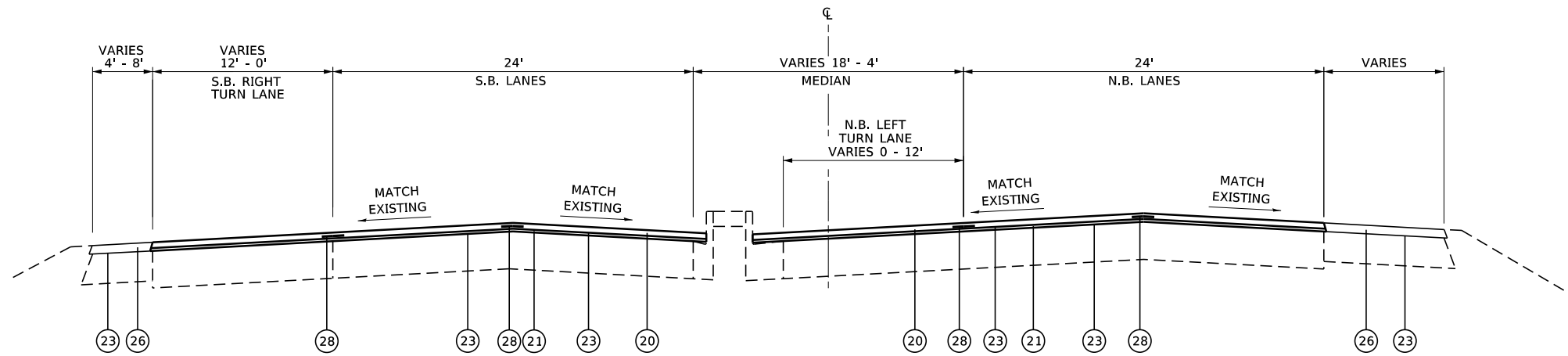
**FAP ROUTE 592 (IL ROUTE 157)
TYPICAL SECTIONS**

SCALE: 1"=5' SHEET 8 OF 14 SHEETS

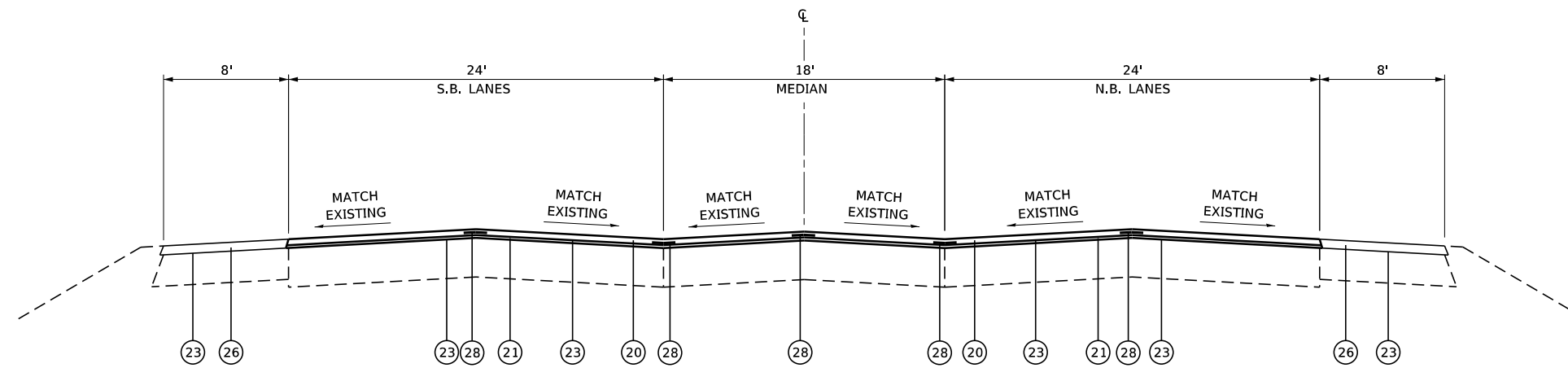
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117)RS-3	ST CLAIR	77	18
CONTRACT NO. 76K77				
ILLINOIS FED. AID PROJECT NHP-17X0 (370)				

LEGEND

- ① EXISTING HMA RESURFACING, 2½"
- ② EXISTING HMA RESURFACING, 3¾" & VARIES
- ③ EXISTING HMA RESURFACING, 4" & VARIES
- ④ EXISTING HMA RESURFACING
- ⑤ EXISTING PCC PAVEMENT, 9"-7"-9"
- ⑥ EXISTING PCC PAVEMENT, 10"
- ⑦ EXISTING PCC PAVEMENT
- ⑧ EXISTING HMA WIDENING, 9"
- ⑨ EXISTING CONCRETE MEDIAN SURFACE, 4"
- ⑩ EXISTING COMBINATION CURB & GUTTER, TYPE B-9.06
- ⑪ EXISTING COMBINATION CURB & GUTTER, TYPE B-9.24
- ⑫ EXISTING COMBINATION CURB & GUTTER, TYPE B-6.18
- ⑬ EXISTING COMBINATION CURB & GUTTER, TYPE B-6.24
- ⑭ EXISTING HMA SHOULDER OVERLAY, 2½"
- ⑮ EXISTING HOT-MIX ASPHALT SHOULDER, 8"
- ⑯ EXISTING HOT-MIX ASPHALT SHOULDERS
- ⑰ EXISTING CONCRETE GUTTER, MODIFIED
- ⑱ EXISTING CONCRETE GUTTER, TYPE A
- ⑲ EXISTING CONCRETE GUTTER, TYPE B
- ⑳ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1½"
- ㉑ PROPOSED LEVELING BINDER (MACHINE METHOD), N70, 1"
- ㉒ PROPOSED LEVELING BINDER (MACHINE METHOD), N70, ¾"
- ㉓ PROPOSED BITUMINOUS MATERIALS (TACK COAT)
- ㉔ PROPOSED HOT-MIX ASPHALT SHOULDERS, 1½"
- ㉕ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2¼"
- ㉖ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2½"
- ㉗ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ㉘ PROPOSED LONGITUDINAL JOINT SEALANT
-  HOT-MIX ASPHALT SURFACE REMOVAL



PROPOSED TYPICAL SECTION
STA 69+63 TO STA 73+50



PROPOSED TYPICAL SECTION
STA 73+50 TO STA 77+00

FILE NAME: S:\Projects\416-0015-5HY_M0#5_IL_157_3P_Percoff to Mad Co Line\Design\CADD_Sheets\0876K77-shr-typical.dgn



USER NAME = ewelz	DESIGNED - ACM	REVISED -
MODEL NAME = Typ 09	DRAWN - PDB	REVISED -
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PLOT DATE = 1/25/2018	DATE - 12/1/2017	REVISED -

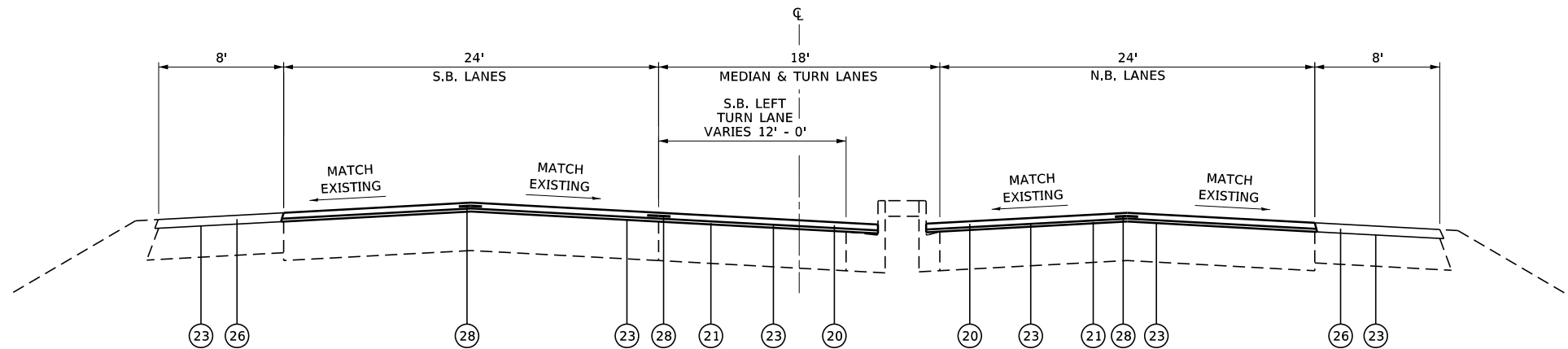
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DRAWN - PDB	REVISED -
CHECKED - ESW	REVISED -
DATE - 12/1/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

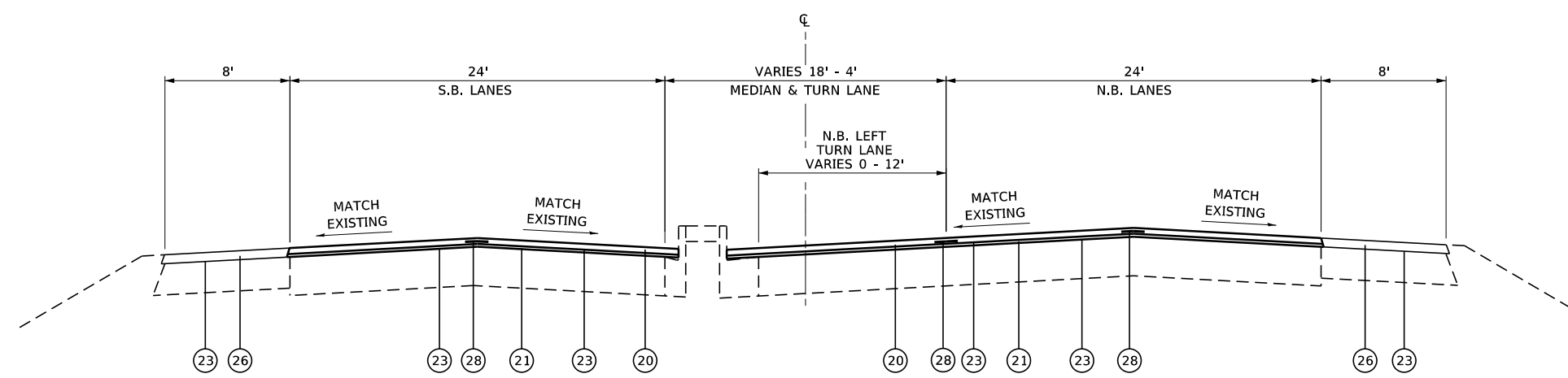
**FAP ROUTE 592 (IL ROUTE 157)
TYPICAL SECTIONS**

SCALE: 1"=5' SHEET 9 OF 14 SHEETS

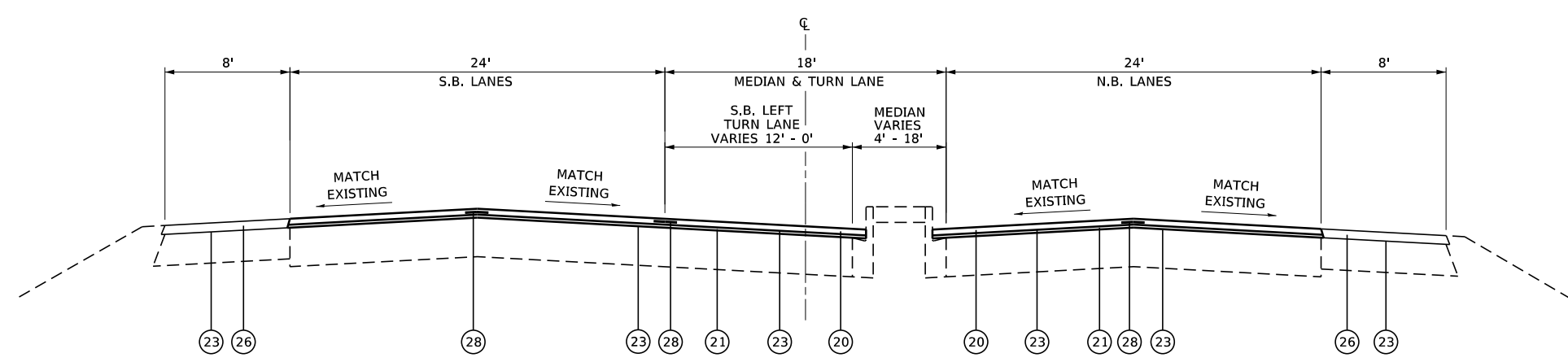
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117)RS-3	ST CLAIR	77	19
CONTRACT NO. 76K77				
ILLINOIS FED. AID PROJECT NHP-17X0 (370)				



PROPOSED TYPICAL SECTION
STA 77+00 TO STA 78+50



PROPOSED TYPICAL SECTION
STA 78+50 TO STA 81+50



PROPOSED TYPICAL SECTION
STA 81+50 TO STA 86+55

LEGEND

- ① EXISTING HMA RESURFACING, 2½"
- ② EXISTING HMA RESURFACING, 3¾" & VARIES
- ③ EXISTING HMA RESURFACING, 4" & VARIES
- ④ EXISTING HMA RESURFACING
- ⑤ EXISTING PCC PAVEMENT, 9"-7"-9"
- ⑥ EXISTING PCC PAVEMENT, 10"
- ⑦ EXISTING PCC PAVEMENT
- ⑧ EXISTING HMA WIDENING, 9"
- ⑨ EXISTING CONCRETE MEDIAN SURFACE, 4"
- ⑩ EXISTING COMBINATION CURB & GUTTER, TYPE B-9.06
- ⑪ EXISTING COMBINATION CURB & GUTTER, TYPE B-9.24
- ⑫ EXISTING COMBINATION CURB & GUTTER, TYPE B-6.18
- ⑬ EXISTING COMBINATION CURB & GUTTER, TYPE B-6.24
- ⑭ EXISTING HMA SHOULDER OVERLAY, 2½"
- ⑮ EXISTING HOT-MIX ASPHALT SHOULDER, 8"
- ⑯ EXISTING HOT-MIX ASPHALT SHOULDERS
- ⑰ EXISTING CONCRETE GUTTER, MODIFIED
- ⑱ EXISTING CONCRETE GUTTER, TYPE A
- ⑲ EXISTING CONCRETE GUTTER, TYPE B
- ⑳ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1½"
- ㉑ PROPOSED LEVELING BINDER (MACHINE METHOD), N70, 1"
- ㉒ PROPOSED LEVELING BINDER (MACHINE METHOD), N70, ¾"
- ㉓ PROPOSED BITUMINOUS MATERIALS (TACK COAT)
- ㉔ PROPOSED HOT-MIX ASPHALT SHOULDERS, 1½"
- ㉕ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2¼"
- ㉖ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2½"
- ㉗ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ㉘ PROPOSED LONGITUDINAL JOINT SEALANT
- HOT-MIX ASPHALT SURFACE REMOVAL

FILE NAME: S:\Projects\416-0015-5HY_M0#5_IL_157_3P_Petroff to Mod Co Line\Design\CADD_Sheets\0876K77-shr-typical.dgn




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MODEL NAME = Typ 10	DRAWN - PDB	REVISED -
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PLOT DATE = 1/25/2018	DATE - 12/1/2017	REVISED -

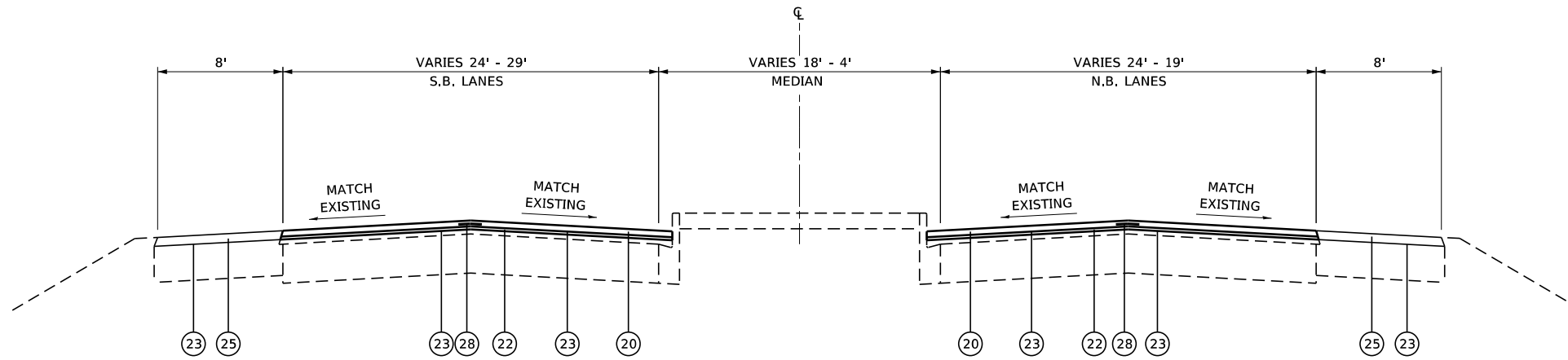
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FAP ROUTE 592 (IL ROUTE 157) TYPICAL SECTIONS	
SCALE: 1"=5'	SHEET 10 OF 14 SHEETS

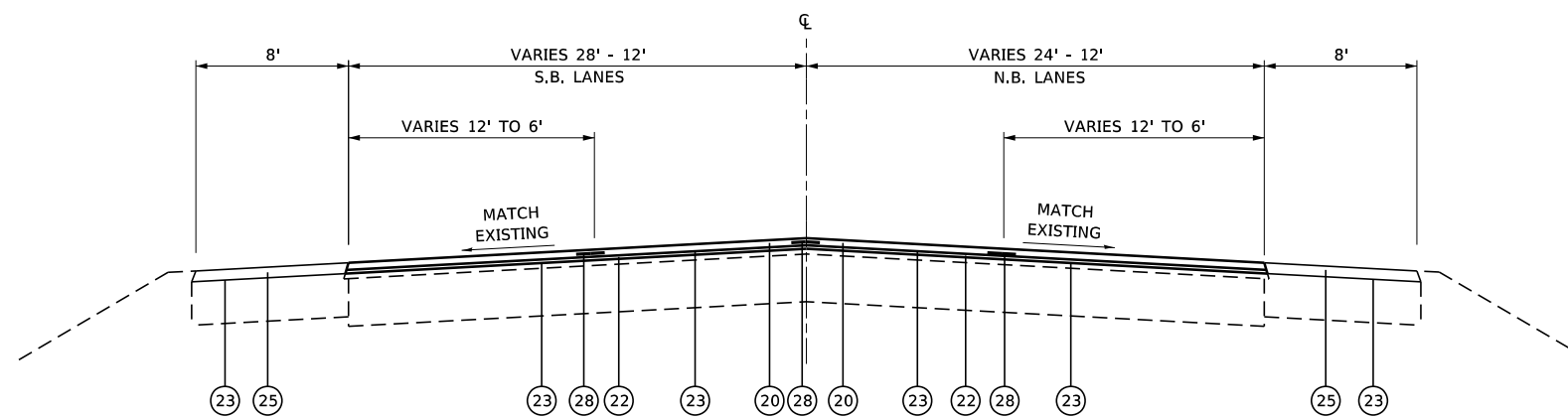
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117)RS-3	ST CLAIR	77	20
CONTRACT NO. 76K77				
ILLINOIS FED. AID PROJECT NHP-17X0 (370)				

LEGEND

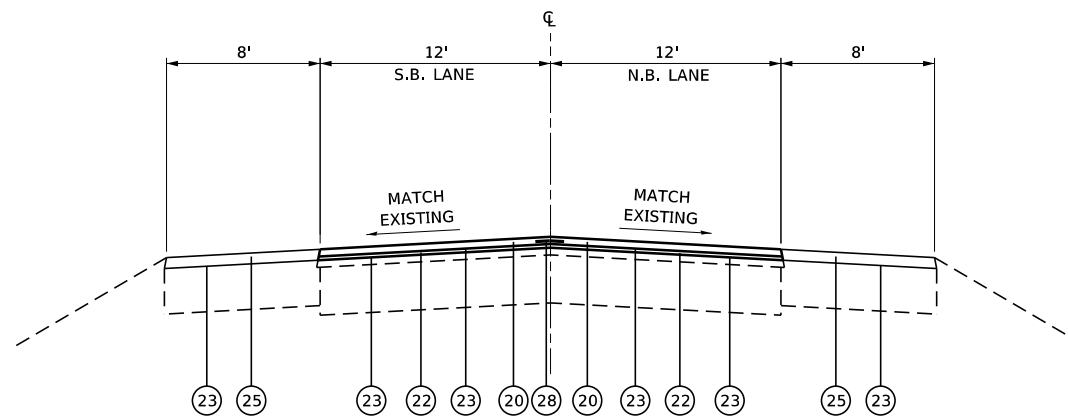
- ① EXISTING HMA RESURFACING, 2½"
- ② EXISTING HMA RESURFACING, 3¾" & VARIES
- ③ EXISTING HMA RESURFACING, 4" & VARIES
- ④ EXISTING HMA RESURFACING
- ⑤ EXISTING PCC PAVEMENT, 9"-7"-9"
- ⑥ EXISTING PCC PAVEMENT, 10"
- ⑦ EXISTING PCC PAVEMENT
- ⑧ EXISTING HMA WIDENING, 9"
- ⑨ EXISTING CONCRETE MEDIAN SURFACE, 4"
- ⑩ EXISTING COMBINATION CURB & GUTTER, TYPE B-9.06
- ⑪ EXISTING COMBINATION CURB & GUTTER, TYPE B-9.24
- ⑫ EXISTING COMBINATION CURB & GUTTER, TYPE B-6.18
- ⑬ EXISTING COMBINATION CURB & GUTTER, TYPE B-6.24
- ⑭ EXISTING HMA SHOULDER OVERLAY, 2½"
- ⑮ EXISTING HOT-MIX ASPHALT SHOULDER, 8"
- ⑯ EXISTING HOT-MIX ASPHALT SHOULDERS
- ⑰ EXISTING CONCRETE GUTTER, MODIFIED
- ⑱ EXISTING CONCRETE GUTTER, TYPE A
- ⑲ EXISTING CONCRETE GUTTER, TYPE B
- ⑳ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1½"
- ㉑ PROPOSED LEVELING BINDER (MACHINE METHOD), N70, 1"
- ㉒ PROPOSED LEVELING BINDER (MACHINE METHOD), N70, ¾"
- ㉓ PROPOSED BITUMINOUS MATERIALS (TACK COAT)
- ㉔ PROPOSED HOT-MIX ASPHALT SHOULDERS, 1½"
- ㉕ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2¼"
- ㉖ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2½"
- ㉗ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ㉘ PROPOSED LONGITUDINAL JOINT SEALANT
-  HOT-MIX ASPHALT SURFACE REMOVAL



PROPOSED TYPICAL SECTION
STA 86+55 TO STA 90+63



PROPOSED TYPICAL SECTION
STA 90+63 TO STA 95+61



PROPOSED TYPICAL SECTION
STA 95+61 TO STA 99+05

FILE NAME: S:\Projects\416-0015-5HY_M0#5_IL_157_3P_Petroff to Mod Co Line\Design\CADD_Sheets\0876K77-shr-typical.dgn



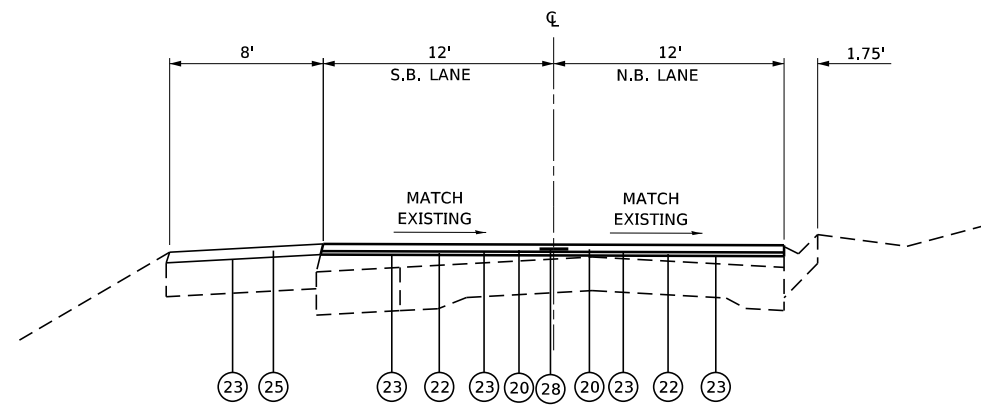
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

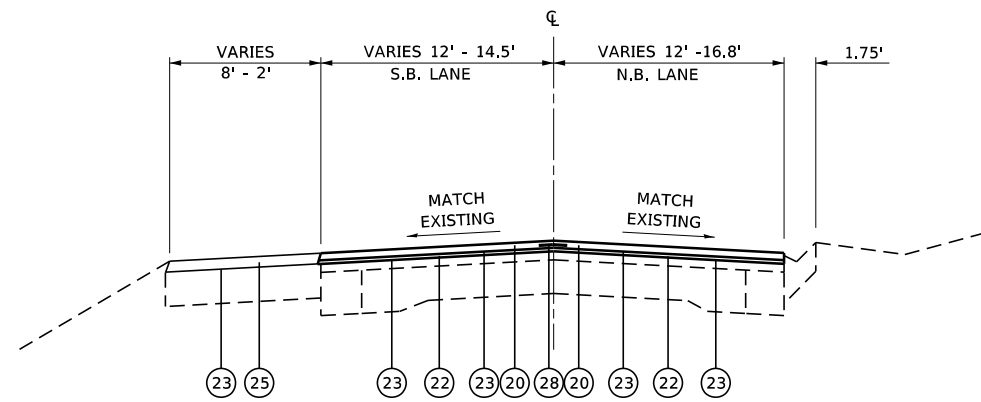
**FAP ROUTE 592 (IL ROUTE 157)
TYPICAL SECTIONS**

SCALE: 1"=5' SHEET 11 OF 14 SHEETS

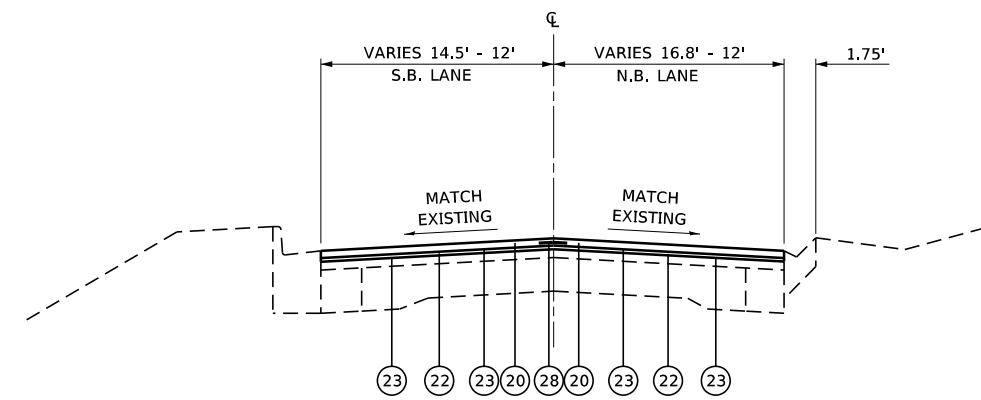
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117)RS-3	ST CLAIR	77	21
CONTRACT NO. 76K77				
ILLINOIS FED. AID PROJECT NHP-17X0 (370)				



PROPOSED TYPICAL SECTION
STA 99+05 TO STA 135+00



PROPOSED TYPICAL SECTION
STA 135+00 TO STA 138+53



PROPOSED TYPICAL SECTION
STA 138+53 TO STA 145+89

LEGEND

- ① EXISTING HMA RESURFACING, 2½"
- ② EXISTING HMA RESURFACING, 3¾" & VARIES
- ③ EXISTING HMA RESURFACING, 4" & VARIES
- ④ EXISTING HMA RESURFACING
- ⑤ EXISTING PCC PAVEMENT, 9"-7"-9"
- ⑥ EXISTING PCC PAVEMENT, 10"
- ⑦ EXISTING PCC PAVEMENT
- ⑧ EXISTING HMA WIDENING, 9"
- ⑨ EXISTING CONCRETE MEDIAN SURFACE, 4"
- ⑩ EXISTING COMBINATION CURB & GUTTER, TYPE B-9.06
- ⑪ EXISTING COMBINATION CURB & GUTTER, TYPE B-9.24
- ⑫ EXISTING COMBINATION CURB & GUTTER, TYPE B-6.18
- ⑬ EXISTING COMBINATION CURB & GUTTER, TYPE B-6.24
- ⑭ EXISTING HMA SHOULDER OVERLAY, 2½"
- ⑮ EXISTING HOT-MIX ASPHALT SHOULDER, 8"
- ⑯ EXISTING HOT-MIX ASPHALT SHOULDERS
- ⑰ EXISTING CONCRETE GUTTER, MODIFIED
- ⑱ EXISTING CONCRETE GUTTER, TYPE A
- ⑲ EXISTING CONCRETE GUTTER, TYPE B
- ⑳ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1½"
- ㉑ PROPOSED LEVELING BINDER (MACHINE METHOD), N70, 1"
- ㉒ PROPOSED LEVELING BINDER (MACHINE METHOD), N70, ¾"
- ㉓ PROPOSED BITUMINOUS MATERIALS (TACK COAT)
- ㉔ PROPOSED HOT-MIX ASPHALT SHOULDERS, 1½"
- ㉕ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2¼"
- ㉖ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2½"
- ㉗ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ㉘ PROPOSED LONGITUDINAL JOINT SEALANT
- HOT-MIX ASPHALT SURFACE REMOVAL

FILE NAME: S:\Projects\416-0015-5HY_M0#5_IL_157_3P_Petroff to Mad Co Line\Design\CADD_Sheets\0876K77-shr-typical.dgn



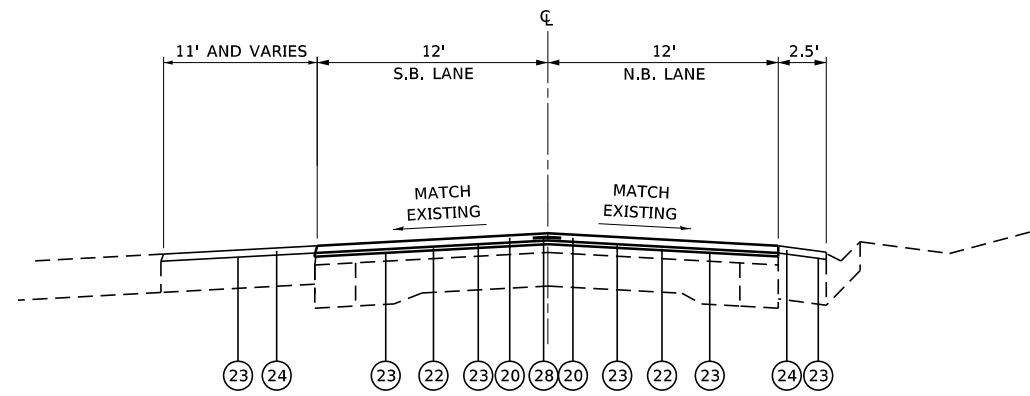
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MODEL NAME = Typ 12	DRAWN - PDB	REVISED -
PLOT SCALE = 10,0000' / in.	CHECKED - ESW	REVISED -
PLOT DATE = 1/25/2018	DATE - 12/1/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

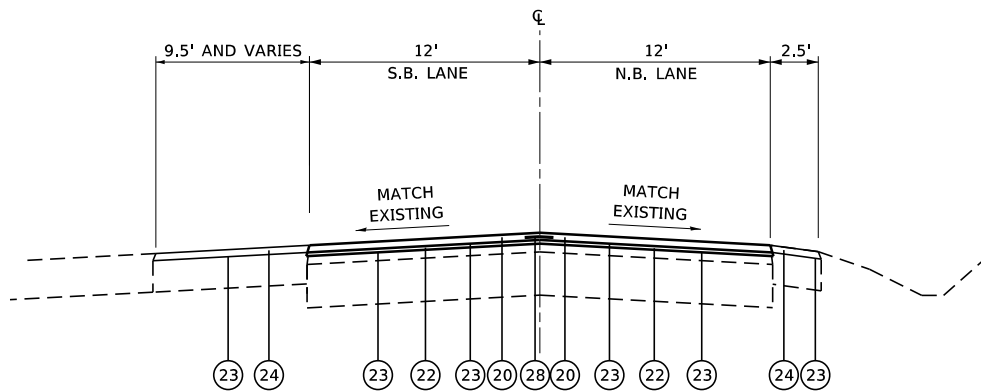
**FAP ROUTE 592 (IL ROUTE 157)
TYPICAL SECTIONS**

SCALE: 1"=5' SHEET 12 OF 14 SHEETS

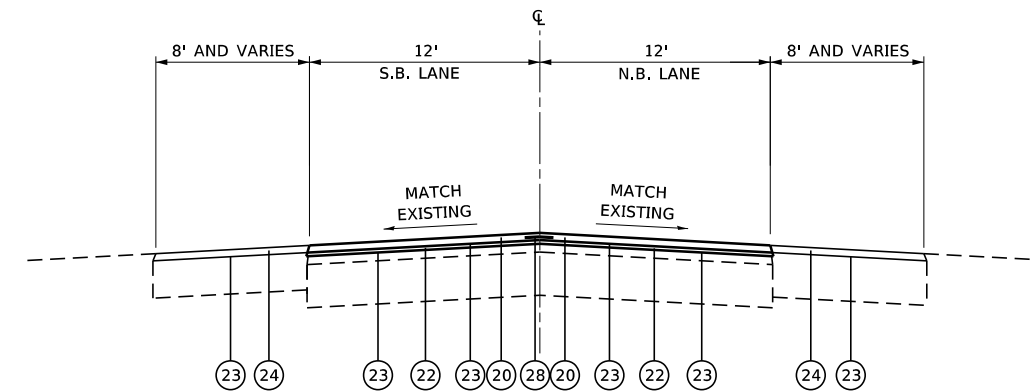
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117)RS-3	ST CLAIR	77	22
CONTRACT NO. 76K77				
ILLINOIS FED. AID PROJECT NHP-17X0 (370)				



PROPOSED TYPICAL SECTION
STA 145+89 TO STA 147+60



PROPOSED TYPICAL SECTION
STA 147+60 TO STA 154+81



PROPOSED TYPICAL SECTION
STA 154+81 TO STA 157+50

LEGEND

- ① EXISTING HMA RESURFACING, 2½"
- ② EXISTING HMA RESURFACING, 3¾" & VARIES
- ③ EXISTING HMA RESURFACING, 4" & VARIES
- ④ EXISTING HMA RESURFACING
- ⑤ EXISTING PCC PAVEMENT, 9"-7"-9"
- ⑥ EXISTING PCC PAVEMENT, 10"
- ⑦ EXISTING PCC PAVEMENT
- ⑧ EXISTING HMA WIDENING, 9"
- ⑨ EXISTING CONCRETE MEDIAN SURFACE, 4"
- ⑩ EXISTING COMBINATION CURB & GUTTER, TYPE B-9.06
- ⑪ EXISTING COMBINATION CURB & GUTTER, TYPE B-9.24
- ⑫ EXISTING COMBINATION CURB & GUTTER, TYPE B-6.18
- ⑬ EXISTING COMBINATION CURB & GUTTER, TYPE B-6.24
- ⑭ EXISTING HMA SHOULDER OVERLAY, 2½"
- ⑮ EXISTING HOT-MIX ASPHALT SHOULDER, 8"
- ⑯ EXISTING HOT-MIX ASPHALT SHOULDERS
- ⑰ EXISTING CONCRETE GUTTER, MODIFIED
- ⑱ EXISTING CONCRETE GUTTER, TYPE A
- ⑲ EXISTING CONCRETE GUTTER, TYPE B
- ⑳ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1½"
- ㉑ PROPOSED LEVELING BINDER (MACHINE METHOD), N70, 1"
- ㉒ PROPOSED LEVELING BINDER (MACHINE METHOD), N70, ¾"
- ㉓ PROPOSED BITUMINOUS MATERIALS (TACK COAT)
- ㉔ PROPOSED HOT-MIX ASPHALT SHOULDERS, 1½"
- ㉕ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2¼"
- ㉖ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2½"
- ㉗ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ㉘ PROPOSED LONGITUDINAL JOINT SEALANT
- HOT-MIX ASPHALT SURFACE REMOVAL

FILE NAME: S:\Projects\416-0015-5HY_M0#5_IL_157_3P_Petroff to Mad Co Line\Design\CADD_Sheets\0876K77-shr-typical.dgn



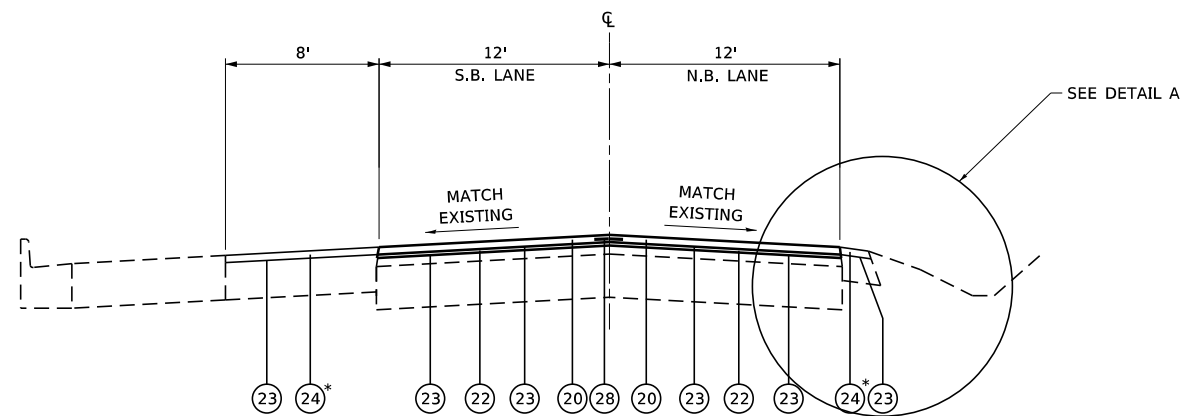
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MODEL NAME = Typ 13	DRAWN - PDB	REVISED -
PLOT SCALE = 10,0000' / in.	CHECKED - ESW	REVISED -
PLOT DATE = 1/25/2018	DATE - 12/1/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP ROUTE 592 (IL ROUTE 157)
TYPICAL SECTIONS**

SCALE: 1"=5' SHEET 13 OF 14 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117)RS-3	ST CLAIR	77	23
CONTRACT NO. 76K77				
ILLINOIS FED. AID PROJECT NHP-17X0 (370)				

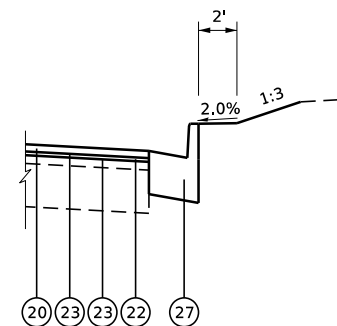


PROPOSED TYPICAL SECTION

STA 157+50 TO STA 160+08.5
STA 160+15.8 TO STA 160+67

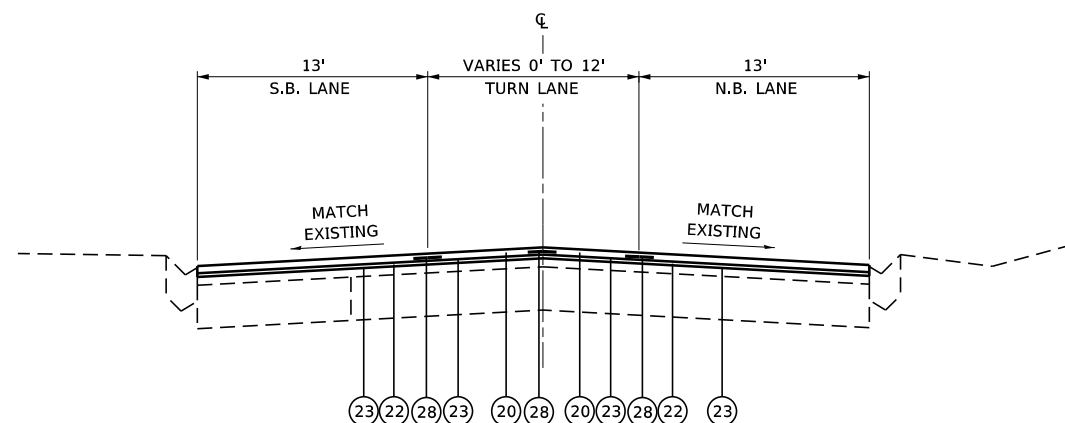
RAILROAD OMISSION
STA 160+08.5 TO STA 160+15.8

* PROPOSED HOT-MIX ASPHALT
SHOULDER OVERLAY ENDS
AT STA 159+92



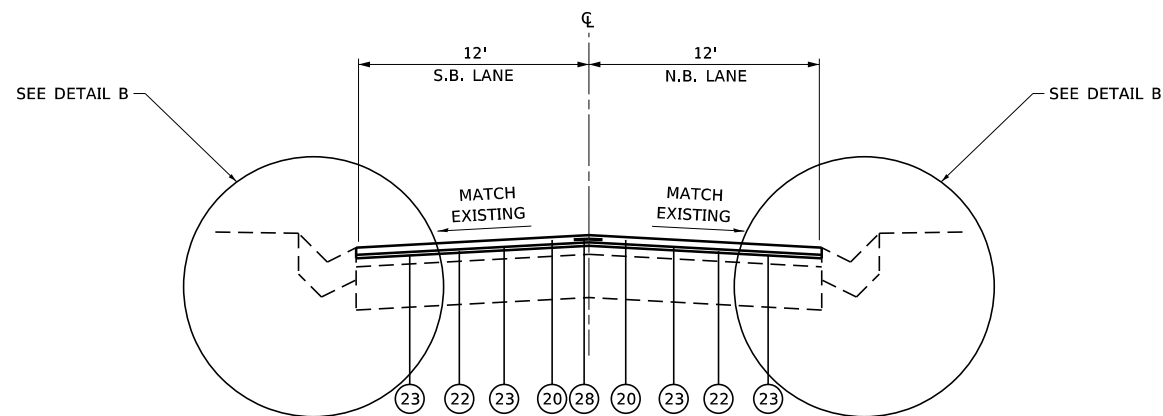
DETAIL A

STA 157+95 TO STA 158+89



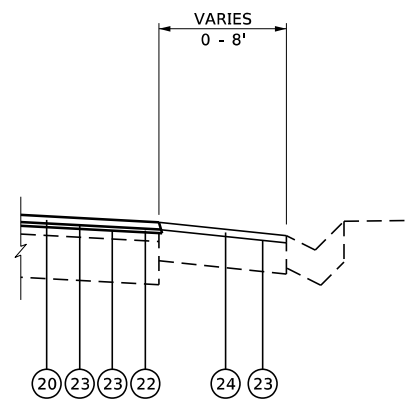
PROPOSED TYPICAL SECTION

STA 160+67 TO STA 176+91



PROPOSED TYPICAL SECTION

STA 176+91 TO STA 182+00



DETAIL B

STA 180+69 TO STA 181+78 LT
STA 181+04 TO STA 182+14 RT

LEGEND

- ① EXISTING HMA RESURFACING, 2½"
- ② EXISTING HMA RESURFACING, 3¾" & VARIES
- ③ EXISTING HMA RESURFACING, 4" & VARIES
- ④ EXISTING HMA RESURFACING
- ⑤ EXISTING PCC PAVEMENT, 9"-7"-9"
- ⑥ EXISTING PCC PAVEMENT, 10"
- ⑦ EXISTING PCC PAVEMENT
- ⑧ EXISTING HMA WIDENING, 9"
- ⑨ EXISTING CONCRETE MEDIAN SURFACE, 4"
- ⑩ EXISTING COMBINATION CURB & GUTTER, TYPE B-9.06
- ⑪ EXISTING COMBINATION CURB & GUTTER, TYPE B-9.24
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- ⑬ EXISTING COMBINATION CURB & GUTTER, TYPE B-6.24
- ⑭ EXISTING HMA SHOULDER OVERLAY, 2½"
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- ⑰ EXISTING CONCRETE GUTTER, MODIFIED
- ⑱ EXISTING CONCRETE GUTTER, TYPE A
- ⑲ EXISTING CONCRETE GUTTER, TYPE B
- ⑳ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1½"
- ㉑ PROPOSED LEVELING BINDER (MACHINE METHOD), N70, 1"
- ㉒ PROPOSED LEVELING BINDER (MACHINE METHOD), N70, ¾"
- ㉓ PROPOSED BITUMINOUS MATERIALS (TACK COAT)
- ㉔ PROPOSED HOT-MIX ASPHALT SHOULDERS, 1½"
- ㉕ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2¼"
- ㉖ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2½"
- ㉗ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ㉘ PROPOSED LONGITUDINAL JOINT SEALANT
- ▨ HOT-MIX ASPHALT SURFACE REMOVAL

FILE NAME: S:\Projects\416-0015-5HY_M0#5_IL_157_3P_Petroff to Mod Co Line\Design\CADD_Sheets\0876K77-shr-typical.dgn



USER NAME = ewelz
MODEL NAME = Typ 14
PLOT SCALE = 10,0000' / in.
PLOT DATE = 1/25/2018

DESIGNED - ACM
DRAWN - PDB
CHECKED - ESW
DATE - 12/1/2017

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP ROUTE 592 (IL ROUTE 157)
TYPICAL SECTIONS

SCALE: 1"=5'

SHEET 14 OF 14 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117)RS-3	ST CLAIR	77	24
CONTRACT NO. 76K77				
ILLINOIS FED. AID PROJECT NHP-PTX0 (370)				

PAVING SCHEDULE

LOCATION		BITUMINOUS MATERIALS (TACK COAT)	LEVELING BINDER (MACHINE METHOD), N70 (TON)	TEMPORARY RAMP (SQ YD)	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (TON)	LONGITUDINAL JOINT SEALANT (FOOT)	HOT-MIX ASPHALT SHOULDERS (TON)
STATION TO STATION	ROADWAY	(POUND)	(TON)	(SQ YD)	(TON)	(FOOT)	(TON)
STA 59+54 TO STA 86+55	IL 157	15372.0	1139.4	756.02	1706.4	10907	516.4
STA 86+55 TO STA 160+08	IL 157	18651.1	970.6	1019.6	1941.2	11372	790.8
STA 160+16 TO STA 181+39	IL 157	5367.7	333.40	399.6	662.6	5246	8.1
SUBTOTAL		39390.8	2443.4	2175.2	4310.2	27525	1315.3
PAY TOTAL		39391	2444	2176	4311	27525	1316

REMOVAL SCHEDULE

LOCATION		HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2" (SQ YD)	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4" (SQ YD)	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" (SQ YD)	GUTTER REMOVAL (FOOT)	COMBINATION CONCRETE CURB AND GUTTER REMOVAL (FOOT)	SIDEWALK REMOVAL (SQ FT)	HOT-MIX ASPHALT REMOVAL (SPECIAL) (SQ YD)
STATION TO STATION	ROADWAY	(SQ YD)	(SQ YD)	(SQ YD)	(FOOT)	(FOOT)	(SQ FT)	(SQ YD)
STA 59+54 TO STA 86+55	IL 157			24002.9				
STA 86+55 TO STA 160+08	IL 157	1513.9	28378.1		345	120	80.5	
STA 160+16 TO STA 181+39	IL 157	96.3	7888.1			107	360.8	10.8
SUBTOTAL		1610.2	36266.2	24002.9	345.0	227	441.3	10.8
PAY TOTAL		1611	36267	24003	345	227	442	11

SIDEWALK AND CURB SCHEDULE

LOCATION					PROTECTIVE COAT (SQ YD)	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH (SQ FT)	DETECTABLE WARNINGS (SQ FT)	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (FOOT)	CLASS SI CONCRETE OUTLET (CU YD)	CLASS SI CONCRETE (OUTLET), SPECIAL (CU YD)
STATION	STATION	ROADWAY	SIDE	LOCATION	(SQ YD)	(SQ FT)	(SQ FT)	(FOOT)	(CU YD)	(CU YD)
104+65	108+05	IL 157	RT		118.8			340.0		0.69
149+80	149+85	IL 157	LT	HILL ROAD - SW	2.8	25.00	10.00			
149+71	149+78	IL 157	RT	HILL ROAD - SE	4.1	37.22	10.00			
157+14	157+34	IL 157	LT	SCATES - SE	17.7	159.39	16.22			
157+17	157+23	IL 157	RT	SCATES - SW	3.6	32.29	11.27			
157+95	159+13	IL 157	RT		43.6			94.0	2.41	
165+06	165+17	IL 157	LT	O'FALLON - SW	20.0	97.57	16.00	26.7		
165+04	165+15	IL 157	RT	O'FALLON - SE	23.1	136.53	16.57	23.2		
165+53	165+71	IL 157	LT	O'FALLON - NW	26.6	145.17	16.00	30.6		
165+52	165+63	IL 157	RT	O'FALLON - NE	19.8	99.97	17.19	25.5		
SUBTOTAL					280.1	733.1	113.3	540.0	2.4	0.7
PAY TOTAL					281	733	114	540	3	1

PATCHING SCHEDULE

LOCATION						PAVEMENT PATCHING, TYPE I, 13 INCH (SQ YD)	PAVEMENT PATCHING, TYPE II, 13 INCH (SQ YD)	PAVEMENT PATCHING, TYPE III, 13 INCH (SQ YD)	PAVEMENT PATCHING, TYPE IV, 13 INCH (SQ YD)	PAVEMENT PATCHING, TYPE II, 14 INCH (SQ YD)
MILE POINT	STATION	LANE	NB/SB	LENGTH (FT)	WIDTH (FT)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)
0.00	59+54	RIGHT LANE	NB	6.00	6.00	4				
0.10	64+82		NB	6.00	12.00		8			
0.10	64+82	TURN LANE	SB	6.00	6.00	4				
0.12	65+88	TURN LANE	SB	6.00	6.00	4				
0.30	75+38	TURN LANE	NB	12.00	12.00			16		
0.33	76+96		NB	6.00	12.00		8			
0.37	79+08		NB	60.00	12.00				80	
0.40	80+66		NB	12.00	12.00			16		
0.40	80+66		SB	10.00	10.00		11			
0.49	85+41		NB	40.00	6.00				27	
0.60	91+22		NB	6.00	12.00					8
0.60	91+22		NB	6.00	12.00					8
0.63	92+80		NB	6.00	12.00					8
0.66	94+39		NB	8.00	12.00					11
0.70	96+50		NB	6.00	12.00					8
0.70	96+50		SB	6.00	12.00					8
0.75	99+14		SB	6.00	12.00		8			
0.80	101+78		NB	6.00	12.00		8			
0.85	104+42		NB	6.00	12.00		8			
0.90	107+06		NB	6.00	12.00		8			
0.90	107+06		SB	6.00	12.00		8			
0.95	109+70		NB	6.00	12.00		8			
1.00	112+34		NB	8.00	12.00		11			
1.10	117+62		SB	6.00	12.00		8			
1.10	117+62		SB	6.00	12.00		8			
1.10	117+62		NB	6.00	12.00		8			
1.20	122+90		SB	6.00	12.00		8			
1.25	125+54		NB	6.00	6.00	4				
1.30	128+18		NB	10.00	6.00		7			
1.30	128+18		SB	6.00	12.00		8			
1.50	138+74		SB	6.00	12.00		8			
1.55	141+38		SB	6.00	12.00		8			
1.72	150+36		NB	100.00	6.00				67	
1.75	151+94		NB	6.00	12.00		8			
1.80	154+58		NB	6.00	12.00		8			
1.80	154+58		SB	6.00	12.00		8			
1.90	159+86		SB	6.00	6.00	4				
1.94	161+97		NB	6.00	12.00	8				
1.96	163+03		SB	10.00	12.00		14			
2.20	175+70		NB	6.00	6.00	4				
2.20	175+70		SB	25.00	12.00				34	
SUBTOTAL						32	187	32	208	51
15% FOR ANTICIPATED FAILURES						5	29	5	32	8
TOTAL						37	216	37	240	59

FILE NAME: S:\Projects\416-0015-5HY_M0#5_IL_157_3P_Paveoff to Mod Co Line\Design\CADD_Sheets\0876K77-sht-schedule.dgn



USER NAME = ewelz	DESIGNED - ACM	REVISED -
MODEL NAME = Sch-01	DRAWN - PDB	REVISED -
PLOT SCALE = 0.1667" / 1"	CHECKED - ESW	REVISED -
PLOT DATE = 1/25/2018	DATE - 12/1/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP ROUTE 592 (IL ROUTE 157)
SCHEDULES OF QUANTITIES**

SCALE: NONE SHEET 1 OF 3 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117)RS-3	ST CLAIR	77	25
CONTRACT NO. 76K77				
ILLINOIS FED. AID PROJECT NHPP-WTX0 (370)				

GUARDRAIL SCHEDULE

LOCATION			STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	STRONG POST GUARDRAIL ATTACHED TO CULVERT	STEEL PLATE BEAM GUARDRAIL, 6 FOOT POSTS SPECIAL	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)	TRAFFIC BARRIER TERMINAL, TYPE 2	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	TRAFFIC BARRIER TERMINAL, TYPE 1	GUARDRAIL REMOVAL	TERMINAL MARKER - DIRECT APPLIED	GUARDRAIL REFLECTORS, TYPE A
STATION TO STATION	SIDE	ROADWAY	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(EACH)	(EACH)	(EACH)	(FOOT)	(EACH)	(EACH)
STA 104+65 TO STA 107+96	RT	IL 157	87.5	12.5	137.5			1		294	2	4
STA 104+81 TO STA 105+69	LT	IL 157	37.5	12.5		25.0	1	1	1	80	1	4
SUBTOTAL			125.0	25.0	137.5	25.0	1	2	1	374	3	8
PAY TOTAL			125.0	25.0	137.5	25.0	1	2	1	374	3	8

SIGN SCHEDULE

LOCATION			SIGN DESCRIPTION	SIGN DIMENSIONS (IN. X IN.)	SIGN PANEL - TYPE 1 (SQ FT)	WOOD SIGN SUPPORT (FT)
STATION	SIDE	ROADWAY				
149+69	RT	IL 157	SCHOOL CROSSING	36X36	9.0	16
149+69	RT	IL 157	DIAGONAL ARROW	24X12	2.0	
149+87	LT	IL 157	SCHOOL CROSSING	36X36	9.0	17
149+87	LT	IL 157	DIAGONAL ARROW	24X12	2.0	
157+15	RT	IL 157	SCHOOL CROSSING	36X36	9.0	16
157+15	RT	IL 157	DIAGONAL ARROW	24X12	2.0	
157+24	LT	IL 157	SCHOOL CROSSING	36X36	9.0	16
157+24	LT	IL 157	DIAGONAL ARROW	24X12	2.0	
SUBTOTAL					44.0	65
PAY TOTAL					44	65

TRAFFIC CONTROL AT INTERSECTIONS

LOCATION	FOR INFORMATION ONLY		
	TRAFFIC CONTROL AND PROTECTION,		
	STANDARD 701501 (L SUM)	STANDARD 701502 (L SUM)	STANDARD 701701 (L SUM)
INTERSECTION			
PETROFF DRIVE			X
SASAK PLACE			X
MAPLE AVENUE			X
OLD BUNKUM ROAD			X
BUNKUM ROAD			X
STERLING PLACE	X		
BOTANICAL AVENUE	X		
PARKDALE DRIVE	X		
HADFIELD LANE	X		
BRADEN DRIVE	X		
WEST LINCOLN AVENUE		X	
SOUTH LONG STREET	X		
WASHINGTON STREET	X		
HILL ROAD	X		
EAST MORRIS STREET	X		
EAST JAMES STREET	X		
EAST SCATES STREET	X		
EAST BARRETT STREET	X		
O'FALLON DRIVE		X	
REYNOLDS STREET		X	
HARBOR STREET		X	
WAIT STREET		X	
OLD MAIN STREET	X		
INTERSECTION SUBTOTAL	13	5	5
PAY TOTAL	1	1	1

RIGHT OF WAY SCHEDULE

LOCATION					RIGHT OF WAY AND PROPERTY CORNERS (EACH)
STATION	ROADWAY	OFFSET	SIDE	DESCRIPTION	
165+04.82	SW QUAD - O'FALLON DR	37.97	LT	BLOCK CORNER	1
165+64.80	NW QUAD - O'FALLON DR	36.45	LT	5/8 IP	1
SUBTOTAL					2
PAY TOTAL					2

FILE NAME: S:\Projects\416-0015-5HY_M0#5_IL_157_3P_Petroff_to_Mad_Co_Line\Design\CADD_Sheets\0876K77-sht-schedule.dgn



USER NAME = ewelz
 MODEL NAME = Sch-02
 PLOT SCALE = 0.1667" / 1"
 PLOT DATE = 1/26/2018

DESIGNED - ACM
 DRAWN - PDB
 CHECKED - ESW
 DATE - 12/1/2017

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**FAP ROUTE 592 (IL ROUTE 157)
 SCHEDULES OF QUANTITIES**

SCALE: NONE SHEET 2 OF 3 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117)RS-3	ST CLAIR	77	26
CONTRACT NO. 76K77				
ILLINOIS FED. AID PROJECT NHP-17X0 (370)				

TEMPORARY PAVEMENT MARKING SCHEDULE

LOCATION		SHORT TERM PAVEMENT MARKING (FOOT)	SHORT TERM PAVEMENT MARKING REMOVAL (SQ FT)	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS (SQ FT)	TEMPORARY PAVEMENT MARKING - LINE 4"					TEMPORARY PAVEMENT MARKING - LINE 6" SOLID WHITE (FOOT)	TEMPORARY PAVEMENT MARKING - LINE 8" SOLID WHITE (FOOT)	TEMPORARY PAVEMENT MARKING - LINE 12"		TEMPORARY PAVEMENT MARKING - LINE 24" SOLID WHITE (FOOT)	TEMPORARY PAVEMENT MARKING REMOVAL (SQ FT)
					SOLID WHITE (FOOT)	WHITE SKIP-DASH (FOOT)	WHITE DOTTED (FOOT)	SOLID YELLOW (FOOT)	YELLOW SKIP-DASH (FOOT)			SOLID WHITE (FOOT)	SOLID YELLOW (FOOT)		
STATION TO STATION	ROADWAY														
STA 59+54 TO STA 66+80	IL 157	787.5	87.5	124.8	2103.5	332.4	90.9	1338.0						35.6	1484.3
STA 66+75 - SASAK PLACE	SASAK PLACE	20.7	2.3	15.6	233.8			137.4		115.3	19.6			39.0	313.8
STA 66+80 TO STA 73+90	IL 157	689.7	76.6	78.0	1674.9	344.5		1304.6		166.8	30.6			47.7	1423.2
STA 73+90 TO STA 81+45	IL 157	838.2	93.2	124.8	1592.0	358.9		1746.0				56.4		57.3	1528.2
STA 81+45 TO STA 98+55	IL 157	1329.6	147.7	46.8	3503.1	441.5		3868.7				92.4		55.1	2853.9
STA 95+55 TO STA 141+80	IL 157	1882.2	209.1	31.2	8298.5			2652.2	842.3			122.3			4053.2
STA 141+80 - LINCOLN AVE	LINCOLN AVE	38.1	4.2		199.2			253.0		163.1	41.6				332.2
STA 141+80 TO STA 160+09	IL 157	845.1	93.9	61.2	3054.6			4415.0			138.8	161.9		36.0	2923.8
STA 160+15 TO STA 165+35	IL 157	264.9	29.4	92.4	1028.6			1655.6		87.1	26.5	140.8		36.0	1270.1
STA 165+35 TO STA 181+39	IL 157	807.6	89.7	156.0	2876.0			3962.2	317.3	84.2	25.3	140.9			2749.6
STA 9+55 TO STA 10+50	O'FALLON DR									128.9	31.7				96.3
SUBTOTAL		7503.6	833.6	730.8	24564.2	1477.3	90.9	21332.7	1159.6	300.2	445.2	314.1	714.7	306.7	19028.6
PAY TOTAL		7504	834	731	48625					300	446	1029		307	19029

PERMANENT PAVEMENT MARKING SCHEDULE

LOCATION		THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS (SQ FT)	THERMOPLASTIC PAVEMENT MARKING - LINE 4"					THERMOPLASTIC PAVEMENT MARKING - LINE 6" SOLID WHITE (FOOT)	THERMOPLASTIC PAVEMENT MARKING - LINE 8" SOLID WHITE (FOOT)	THERMOPLASTIC PAVEMENT MARKING - LINE 12"		THERMOPLASTIC PAVEMENT MARKING - LINE 24" SOLID WHITE (FOOT)	RAISED REFLECTIVE PAVEMENT MARKER			RAISED REFLECTIVE PAVEMENT MARKER REMOVAL (EACH)	PAINT PAVEMENT MARKING CURB		PAINT PAVEMENT MARKING - RAISED MEDIAN (SQ FT)	CURB REFLECTORS (EACH)	
			SOLID WHITE (FOOT)	WHITE SKIP-DASH (FOOT)	WHITE DOTTED (FOOT)	SOLID YELLOW (FOOT)	YELLOW SKIP-DASH (FOOT)			SOLID WHITE (FOOT)	SOLID WHITE (FOOT)		SOLID WHITE (FOOT)	SOLID YELLOW (FOOT)	SOLID WHITE (FOOT)		AMBER TWO-WAY (EACH)	AMBER ONE-WAY (EACH)			CRYSTAL ONE-WAY (EACH)
STATION TO STATION	ROADWAY																				
STA 59+54 TO STA 66+80	IL 157	124.8	2103.5	332.4	90.9	1338.0						35.6			36	36		121	27	39	
STA 66+75 - SASAK PLACE	SASAK PLACE	15.6	233.8			137.4			115.3	19.6		39.0					89			9	
STA 66+80 TO STA 73+90	IL 157	78.0	1674.9	344.5		1304.6			166.8	30.6		47.7			29	29	74	141	38	42	
STA 73+90 TO STA 81+45	IL 157	124.8	1592.0	358.9		1746.0					56.4	57.3		16	31	47		136	13	29	
STA 81+45 TO STA 98+55	IL 157	46.8	3503.1	441.5		3868.7					92.4	55.1		8	13	30	51		141	27	47
STA 95+55 TO STA 141+80	IL 157	31.2	8298.5			2652.2	842.3			0.0	122.3			50	22	3	75				
STA 141+80 - LINCOLN AVE	LINCOLN AVE		199.2			253.0				163.1	41.6				5		5	107			9
STA 141+80 TO STA 160+09	IL 157	61.2	3054.6			4415.0					138.8	161.9		18	21		39				
STA 160+15 TO STA 165+35	IL 157	92.4	1028.6			1655.6		87.1			26.5	140.8		3	16	3	22				
STA 165+35 TO STA 181+39	IL 157	156.0	2876.0			3962.2	317.3		84.2		25.3	140.9		40	20	3	63				
STA 9+55 TO STA 10+50	O'FALLON DR							128.9			31.7										
SUBTOTAL		730.8	24564.2	1477.3	90.9	21332.7	1159.6	300.2	445.2	314.1	714.7	306.7		119	113	135	367	270	539	105	175
PAY TOTAL		731	48625					300	446	1029		307	367			367	809		105	175	

FILE NAME: S:\Projects\416-0015-5HY_M0#5_IL_157_3P_Petroff to Mod Co Line\Design\CADD_Sheets\0876K77-shr-schedule.dgn



USER NAME = ewelz	DESIGNED - ACM	REVISED -
MODEL NAME = Sch-03	DRAWN - PDB	REVISED -
PLOT SCALE = 0.1667" / in.	CHECKED - ESW	REVISED -
PLOT DATE = 1/25/2018	DATE - 12/1/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP ROUTE 592 (IL ROUTE 157)
SCHEDULES OF QUANTITIES**

SCALE: NONE SHEET 3 OF 3 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117)RS-3	ST CLAIR	77	27
CONTRACT NO. 76K77				
ILLINOIS FED. AID PROJECT NHP-PTX0 (370)				

PROP. CURVE IL157EX_3
 PI STA. = 61+11.12
 $\Delta = 15^{\circ}33'28''$ (RT)
 D = 5'43'46"
 R = 1,000.00'
 T = 136.61'
 L = 271.53'
 E = 9.29'
 P.C. STA. = 59+74.52
 P.T. STA. = 62+46.05

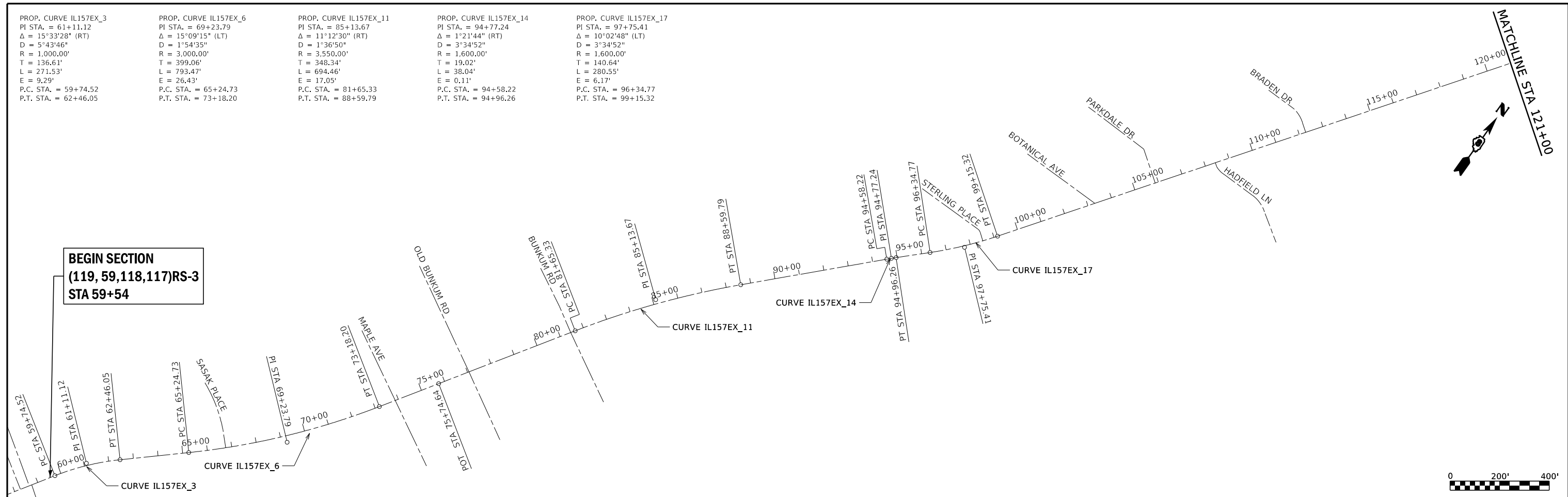
PROP. CURVE IL157EX_6
 PI STA. = 69+23.79
 $\Delta = 15^{\circ}09'15''$ (LT)
 D = 1'54'35"
 R = 3,000.00'
 T = 399.06'
 L = 793.47'
 E = 26.43'
 P.C. STA. = 65+24.73
 P.T. STA. = 73+18.20

PROP. CURVE IL157EX_11
 PI STA. = 85+13.67
 $\Delta = 11^{\circ}12'30''$ (RT)
 D = 1'36'50"
 R = 3,550.00'
 T = 348.34'
 L = 694.46'
 E = 17.05'
 P.C. STA. = 81+65.33
 P.T. STA. = 88+59.79

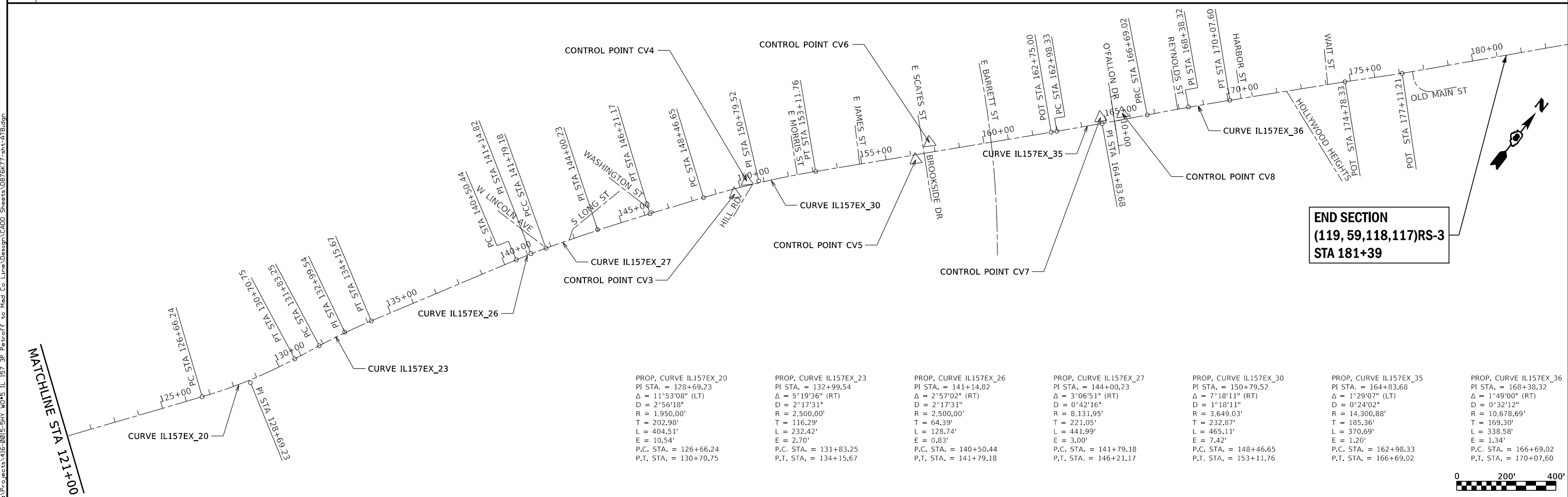
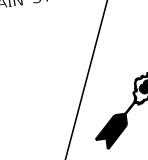
PROP. CURVE IL157EX_14
 PI STA. = 94+77.24
 $\Delta = 1^{\circ}21'44''$ (RT)
 D = 3'34'52"
 R = 1,600.00'
 T = 19.02'
 L = 38.04'
 E = 0.11'
 P.C. STA. = 94+58.22
 P.T. STA. = 94+96.26

PROP. CURVE IL157EX_17
 PI STA. = 97+75.41
 $\Delta = 10^{\circ}02'48''$ (LT)
 D = 3'34'52"
 R = 1,600.00'
 T = 140.64'
 L = 280.55'
 E = 6.17'
 P.C. STA. = 96+34.77
 P.T. STA. = 99+15.32

**BEGIN SECTION
 (119, 59, 118, 117)RS-3
 STA 59+54**



**END SECTION
 (119, 59, 118, 117)RS-3
 STA 181+39**



PROP. CURVE IL157EX_20
 PI STA. = 128+69.23
 $\Delta = 11^{\circ}53'08''$ (LT)
 D = 2'56'18"
 R = 1,950.00'
 T = 202.98'
 L = 404.51'
 E = 10.54'
 P.C. STA. = 126+66.24
 P.T. STA. = 130+70.75

PROP. CURVE IL157EX_23
 PI STA. = 132+99.54
 $\Delta = 5^{\circ}19'36''$ (RT)
 D = 2'17'31"
 R = 2,500.00'
 T = 116.29'
 L = 232.42'
 E = 2.70'
 P.C. STA. = 131+83.25
 P.T. STA. = 134+15.67

PROP. CURVE IL157EX_26
 PI STA. = 141+14.82
 $\Delta = 2^{\circ}57'02''$ (RT)
 D = 2'17'31"
 R = 2,500.00'
 T = 64.39'
 L = 128.74'
 E = 0.83'
 P.C. STA. = 140+50.44
 P.T. STA. = 141+79.18

PROP. CURVE IL157EX_27
 PI STA. = 144+00.23
 $\Delta = 3^{\circ}06'51''$ (RT)
 D = 0'42'16"
 R = 8,131.95'
 T = 221.05'
 L = 441.99'
 E = 3.00'
 P.C. STA. = 141+79.18
 P.T. STA. = 146+21.17

PROP. CURVE IL157EX_30
 PI STA. = 150+79.52
 $\Delta = 7^{\circ}18'11''$ (RT)
 D = 1'18'11"
 R = 3,649.03'
 T = 232.87'
 L = 465.11'
 E = 7.42'
 P.C. STA. = 148+46.65
 P.T. STA. = 153+11.76

PROP. CURVE IL157EX_35
 PI STA. = 164+83.68
 $\Delta = 1^{\circ}29'07''$ (LT)
 D = 0'24'02"
 R = 14,300.88'
 T = 185.36'
 L = 370.69'
 E = 1.20'
 P.C. STA. = 162+98.33
 P.T. STA. = 166+69.02

PROP. CURVE IL157EX_36
 PI STA. = 168+38.32
 $\Delta = 1^{\circ}49'00''$ (RT)
 D = 0'32'12"
 R = 10,678.69'
 T = 169.30'
 L = 338.58'
 E = 1.34'
 P.C. STA. = 166+69.02
 P.T. STA. = 170+07.60

FILE NAME: S:\Projects\416-0015-5H\119_117_3P_Petroff_to_Mad_Co_Line\Design\CADD_Sheets\087677-shr-ATB.dgn



USER NAME = ewelz	DESIGNED - ACM	REVISED -
MODEL NAME = 01 ATB	DRAWN - PDB	REVISED -
PLOT SCALE = 400.0000 / 1in.	CHECKED - ESW	REVISED -
PLOT DATE = 1/25/2018	DATE - 12/1/2017	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

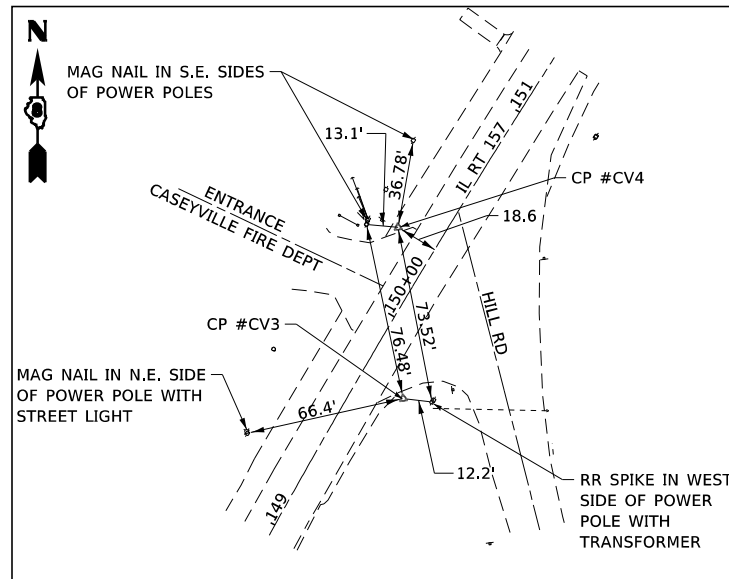
**FAP ROUTE 592 (IL ROUTE 157)
 ALIGNMENT, TIE POINTS AND BENCHMARKS**

SCALE: 1"=200' SHEET 1 OF 2 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117)RS-3	ST CLAIR	77	28
CONTRACT NO. 76K77				
ILLINOIS FED. AID PROJECT NHPP-W1X0 (370)				

ALIGNMENT COORDINATES - IL 157			
IL 157	STATION	NORTHING	EASTING
POT	57+31.56	151414.0700	68479.8300
PC	59+74.52	151618.5558	68611.0321
PI	61+11.12	151733.5313	68684.8027
PT	62+46.05	151824.5083	68786.7078
PC	65+24.73	152010.1040	68994.5972
PI	69+23.79	152275.8708	69292.2877
PT	73+18.20	152610.2171	69510.1506
POT	75+74.64	152825.0709	69650.1511
PC	81+65.33	153320.0444	69972.5077
PI	85+13.67	153611.9411	70162.6085
PT	88+59.79	153861.3191	70405.8216
PC	94+58.22	154289.7356	70823.6471
PI	94+77.24	154303.3539	70836.9287
PT	94+96.26	154316.6525	70850.5303
PC	96+34.77	154413.4824	70949.5662
PI	97+75.41	154511.8015	71050.1252
PT	99+15.32	154626.1554	71131.9907
PC	126+66.24	156862.9666	72733.3147
PI	128+69.23	157028.0154	72851.4726
PT	130+70.75	157213.8613	72933.1043
PC	131+83.25	157316.8596	72978.3457
PI	132+99.54	157423.3336	73025.1138
PT	134+15.67	157525.0063	73081.5643
PC	140+50.44	158079.9736	73389.6923
PI	141+14.82	158136.2646	73420.9460
PT	141+79.18	158190.8722	73455.0559
PC	141+79.18	158190.8722	73455.0559
PI	144+00.23	158378.3519	73572.1625
PT	146+21.17	158559.1929	73699.2810
PC	148+46.65	158743.6635	73828.9509
PI	150+79.52	158934.1760	73962.8678
PT	153+11.76	159106.1199	74119.9157
POT	162+75.00	159817.3421	74769.5223
PC	162+98.33	159834.5657	74785.2538
PI	164+83.68	159971.4260	74910.2574
PT	166+69.02	160111.4802	75031.6719
PC	166+69.02	160111.4802	75031.6719
PI	168+38.32	160239.4048	75142.5712
PT	170+07.60	160363.7496	75257.4700
POT	174+78.33	160709.4796	75576.9362
POT	177+11.21	160878.3644	75737.2914

ALIGNMENT COORDINATES - O'FALLON DRIVE			
O'FALLON	STATION	NORTHING	EASTING
POT	8+99.97	160078.5780	74870.0064
POT	10+00.00	160010.3990	74943.2086
POT	11+00.04	159942.2203	75016.4105



CONTROL POINT #CV3

IRON PIN WITH IDOT CAP

STA. 149+72.49, 20.44 RT.
N 158833.0182
E 73919.3769
ELEV. 456.10

CONTROL POINT #CV4

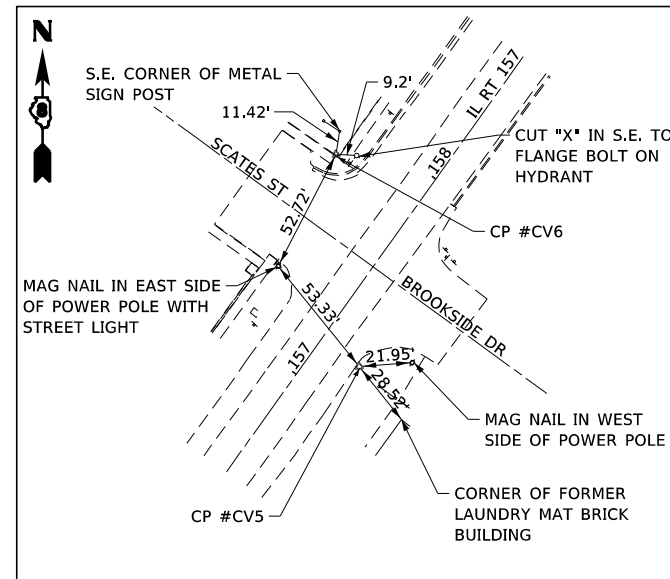
MAG NAIL IN BITUMINOUS SHOULDER

STA. 150+32.70, 17.87 LT.
N 158904.0829
E 73925.6949
ELEV. 456.94

BENCHMARK 157-CV4

ELEV. 452.10

RR SPIKE FOUND IN NORTHEAST SIDE OF POWER POLE, LOCATED ON THE S.E. CORNER OF THE INTERSECTION OF IL 157 AND HARBOR STREET IN CASEYVILLE.



CONTROL POINT #CV5

IRON PIN WITH IDOT CAP

STA. 157+17.88, 19.52 RT.
N 159392.8138
E 74408.2112
ELEV. 448.50

CONTROL POINT #CV6

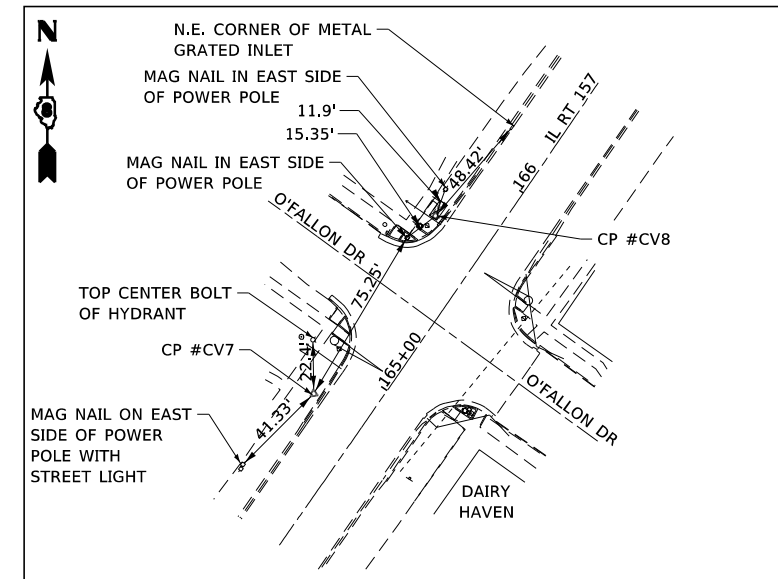
RR SPIKE WITH DIVOT

STA. 157+84.16, 39.74 LT.
N 159481.7245
E 74409.1549
ELEV. 445.620

BENCHMARK 157-CV1

ELEV. 443.32

CUT "□" ON S.W. CORNER OF THE CONCRETE BASE OF A METAL TRAFFIC SIGNAL CONTROL BOX, LOCATED ON THE N.W. CORNER OF IL 157/MAIN STREET AND EAST O'FALLON DRIVE IN CASEYVILLE.



CONTROL POINT #CV7

MAG NAIL IN H.M.A.

STA. 164+81.50, 24.39 RT.
N 159986.8143
E 74889.6931
ELEV. 443.18

CONTROL POINT #CV8

MAG NAIL IN H.M.A.

STA. 165+71.43, 24.73 LT.
N 160054.2905
E 74948.9189
ELEV. 443.31

BENCHMARK 157-CV3

ELEV. 458.31

RR SPIKE FOUND IN WEST SIDE OF POWER POLE, LOCATED ON THE S.E. CORNER OF THE TEE-INTERSECTION OF IL 157 AND HILL ROAD IN CASEYVILLE.

FILE NAME: S:\Projects\416-0015-5HY_M05_IL_157_3P_Petroff to Mod Co Line\Design\CADD_Sheets\0876K77-shr-ATB.dgn



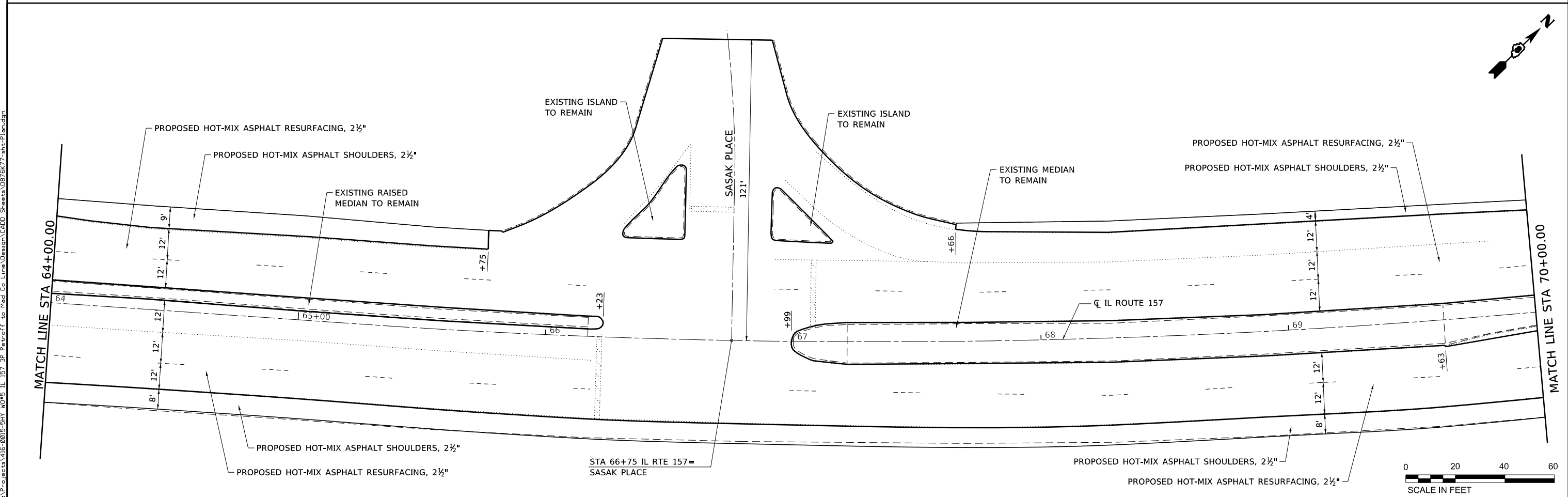
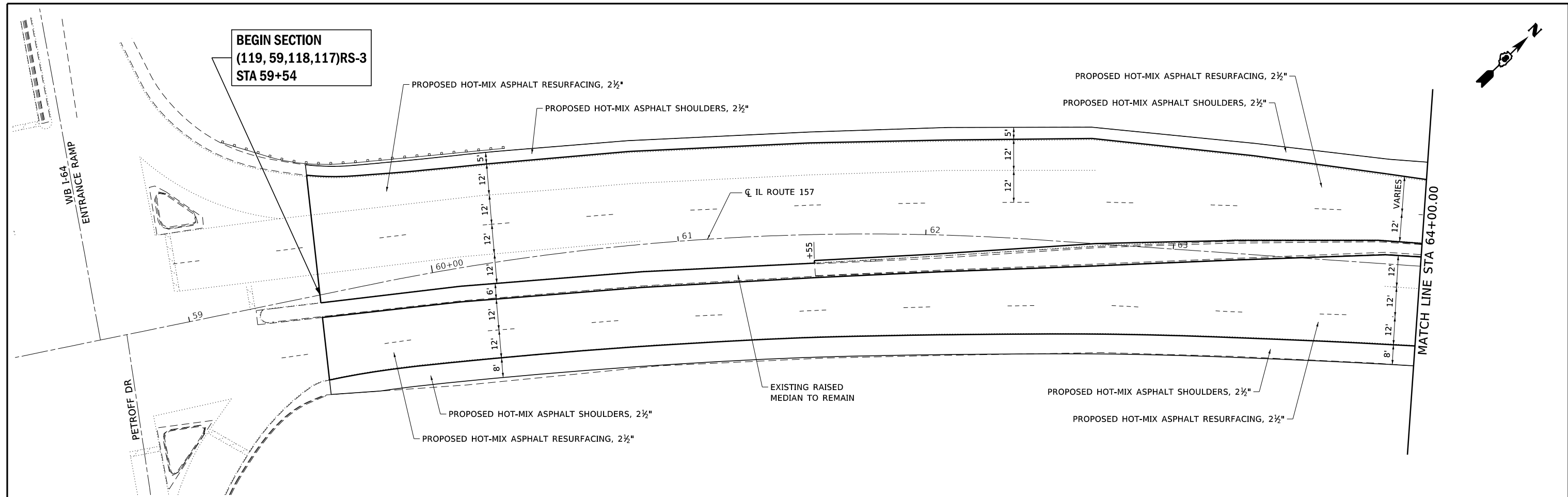
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MODEL NAME = 02 ATB	DRAWN - PDB	REVISED -
PLOT SCALE = 400.0000' / 1in.	CHECKED - ESW	REVISED -
PLOT DATE = 1/25/2018	DATE - 12/1/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP ROUTE 592 (IL ROUTE 157)
ALIGNMENT, TIE POINTS AND BENCHMARKS**

SCALE: 1"=200' SHEET 2 OF 2 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117)RS-3	ST CLAIR	77	29
CONTRACT NO. 76K77				
ILLINOIS FED. AID PROJECT NHPP-WTX0 (370)				



FILE NAME: S:\Projects\416-0015-5HY_M05_IL_157_3P_Petroff to Med Co Line\Design\CADD_Sheets\0876K77-sht-Plan.dgn



USER NAME = ewelz	DESIGNED - ACM	REVISED -
MODEL NAME = PLAN-1	DRAWN - PDB	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - ESW	REVISED -
PLOT DATE = 1/25/2018	DATE - 12/1/2017	REVISED -

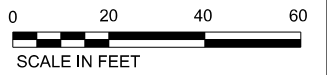
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DRAWN - PDB	REVISED -
CHECKED - ESW	REVISED -
DATE - 12/1/2017	REVISED -

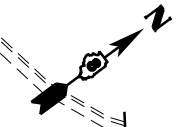
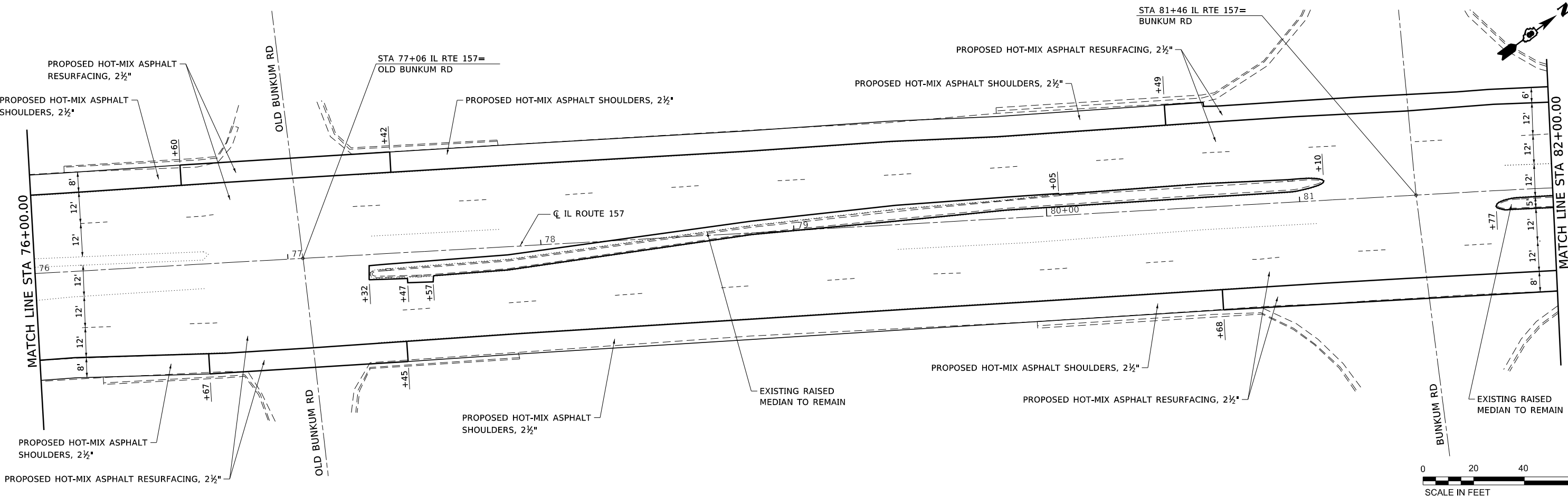
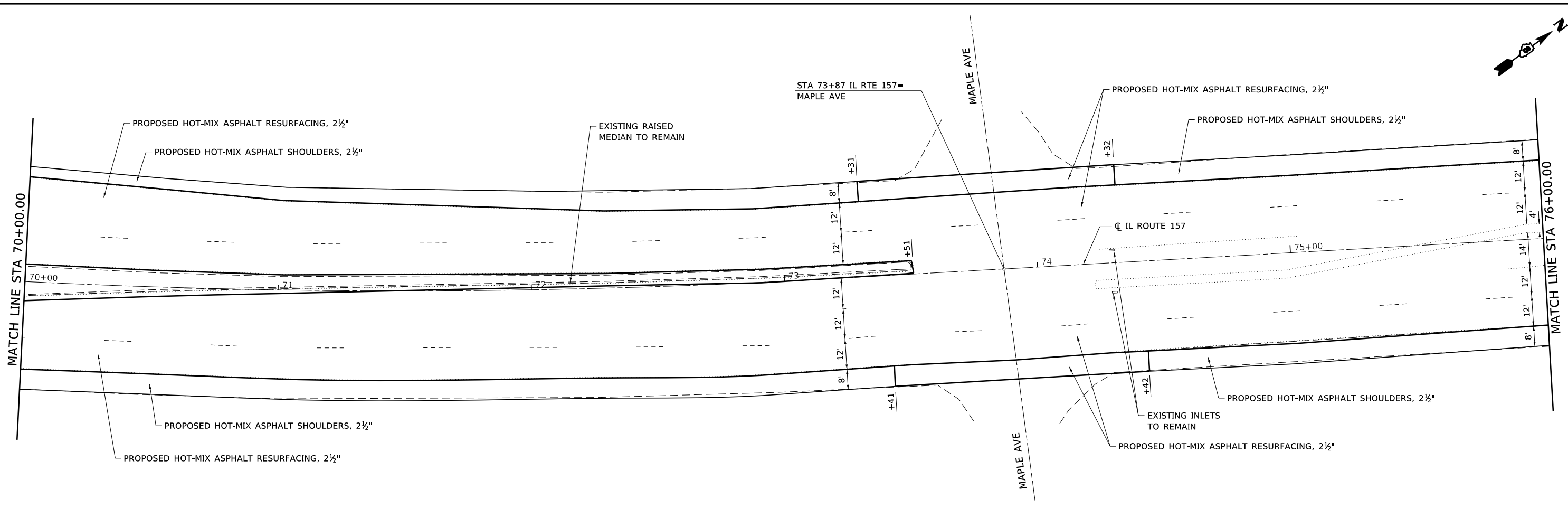
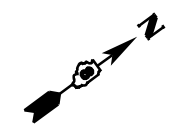
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP ROUTE 592 (IL ROUTE 157)
PLAN SHEET**

SCALE: 1"=20' SHEET 1 OF 11 SHEETS STA 59+00.00 TO STA 70+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117)RS-3	ST CLAIR	77	31
CONTRACT NO. 76K77				
ILLINOIS FED. AID PROJECT NHP-17X0 (370)				





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USER NAME = ewelz
 MODEL NAME = PLAN-2
 PLOT SCALE = 40,0000' / 1in.
 PLOT DATE = 1/25/2018

DESIGNED - ACM
 DRAWN - PDB
 CHECKED - ESW
 DATE - 12/1/2017

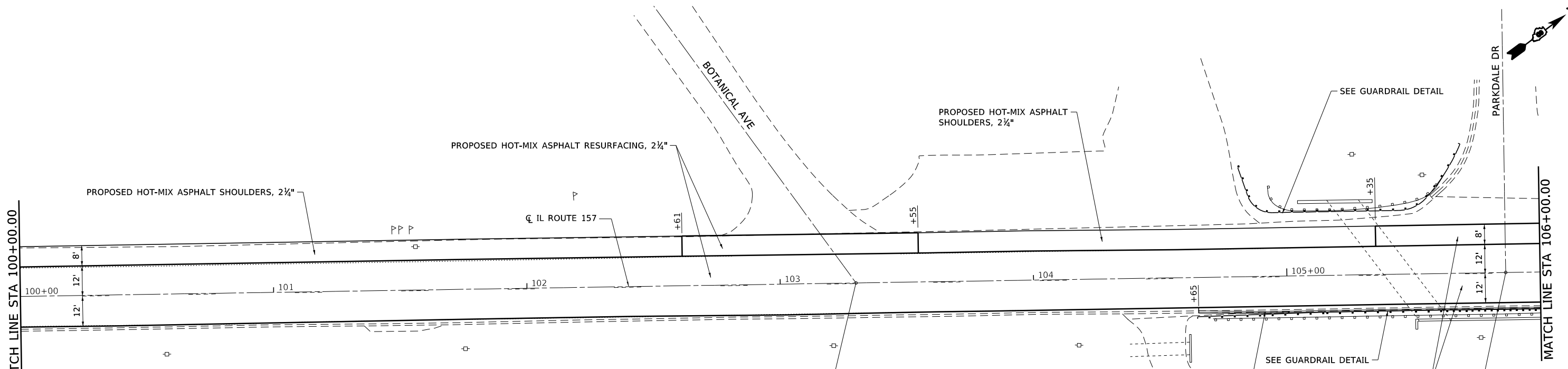
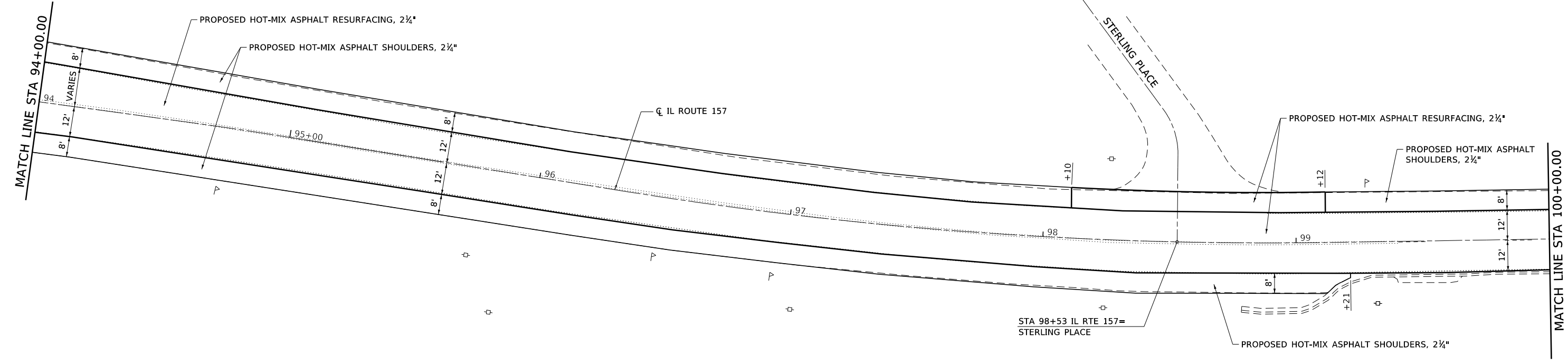
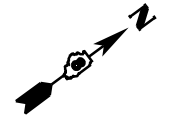
REVISED -
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 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**FAP ROUTE 592 (IL ROUTE 157)
 PLAN SHEET**

SCALE: 1"=20' SHEET 2 OF 11 SHEETS STA 70+00.00 TO STA 82+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117)RS-3	ST CLAIR	77	32
CONTRACT NO. 76K77				
ILLINOIS FED. AID PROJECT NHPP-W1X0 (370)				



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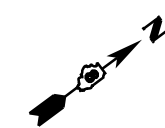
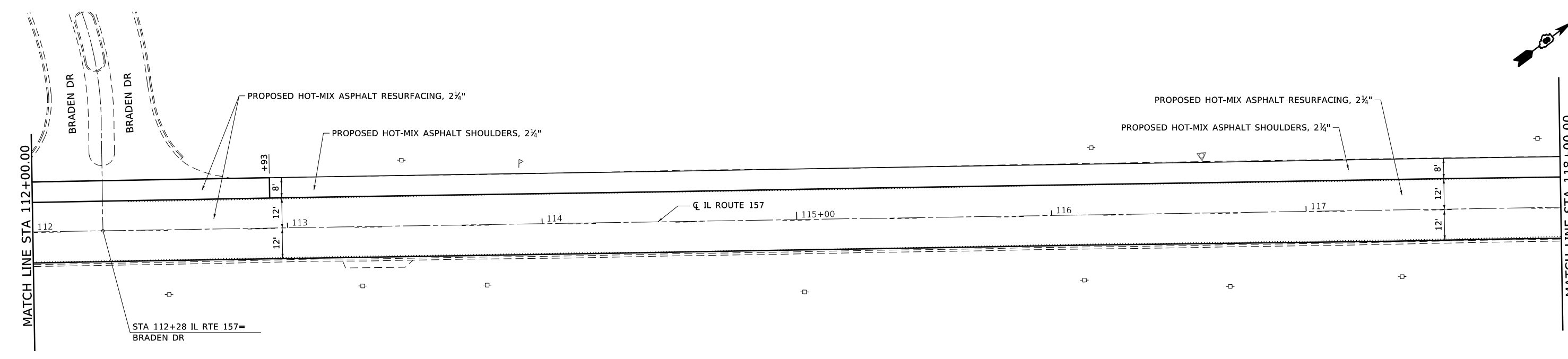
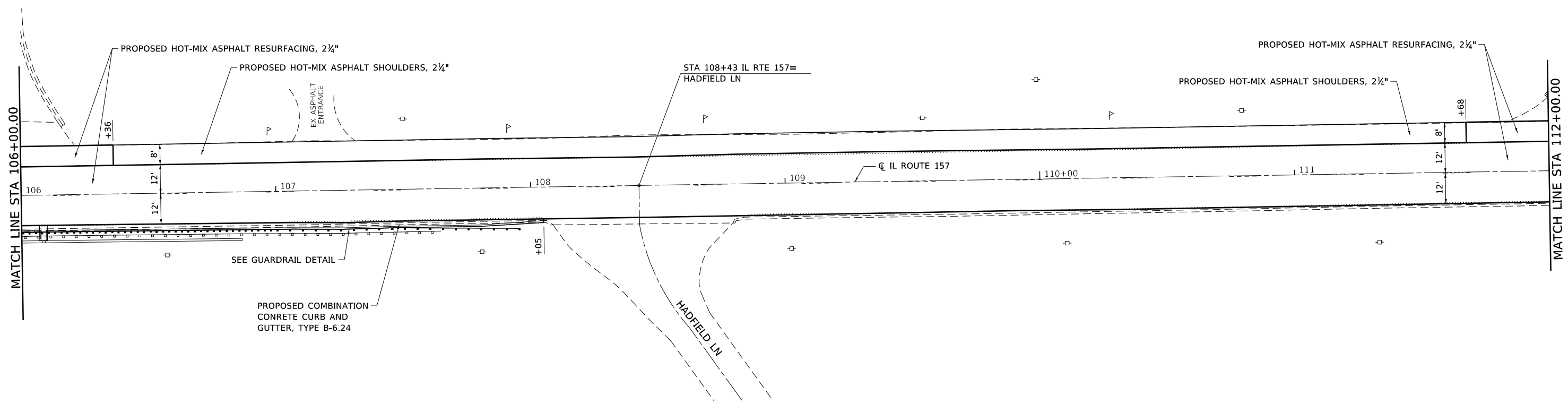
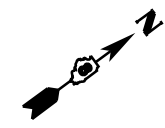


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PLOT SCALE = 40,0000' / in.	CHECKED - ESW	REVISED -
PLOT DATE = 1/25/2018	DATE - 12/1/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FAP ROUTE 592 (IL ROUTE 157) PLAN SHEET		
SCALE: 1"=20'	SHEET 4 OF 11 SHEETS	STA 94+00.00 TO STA 106+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117)RS-3	ST CLAIR	77	34
CONTRACT NO. 76K77				
ILLINOIS FED. AID PROJECT NHPP-W1X0 (370)				



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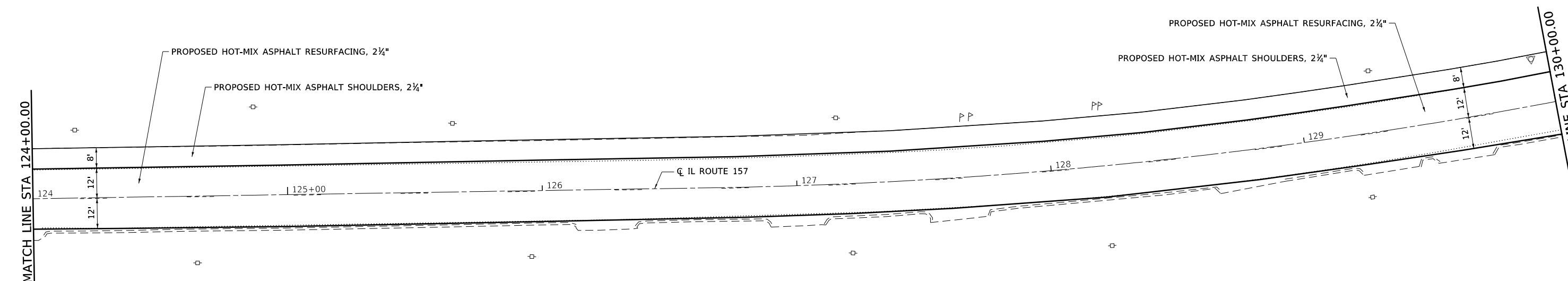
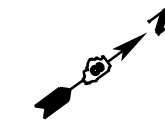
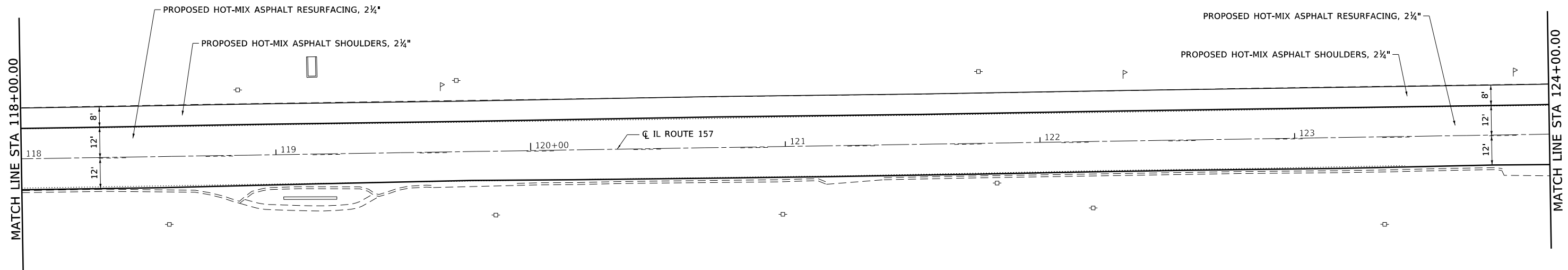
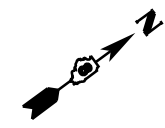


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MODEL NAME = PLAN-5	DRAWN - PDB	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - ESW	REVISED -
PLOT DATE = 1/25/2018	DATE - 12/1/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FAP ROUTE 592 (IL ROUTE 157) PLAN SHEET		
SCALE: 1"=20'	SHEET 5 OF 11 SHEETS	STA 106+00.00 TO STA 118+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117)RS-3	ST CLAIR	77	35
CONTRACT NO. 76K77				
ILLINOIS FED. AID PROJECT NHP-17X0 (370)				



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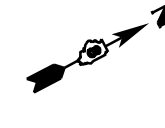
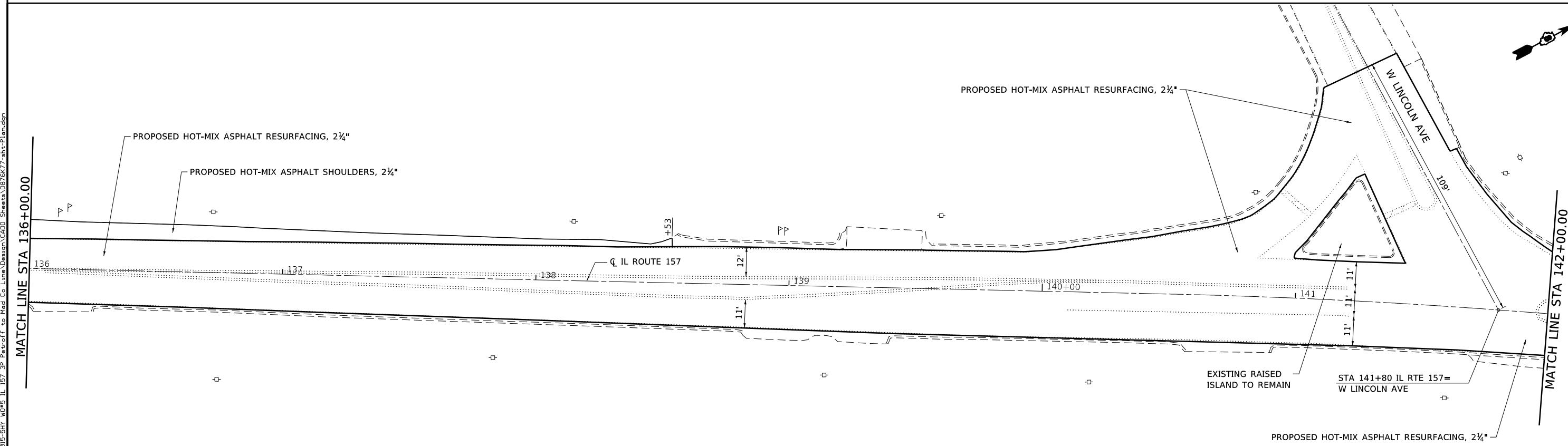
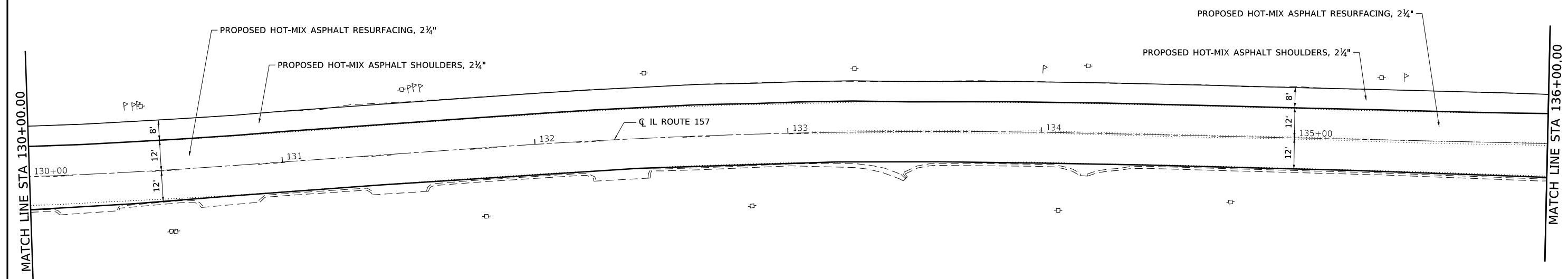
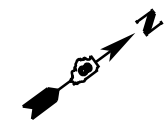
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PLOT DATE = 1/25/2018	DATE - 12/1/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP ROUTE 592 (IL ROUTE 157)
PLAN SHEET**

SCALE: 1"=20' SHEET 6 OF 11 SHEETS STA 118+00.00 TO STA 130+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117)RS-3	ST CLAIR	77	36
CONTRACT NO. 76K77				
ILLINOIS FED. AID PROJECT NHP-17X(370)				



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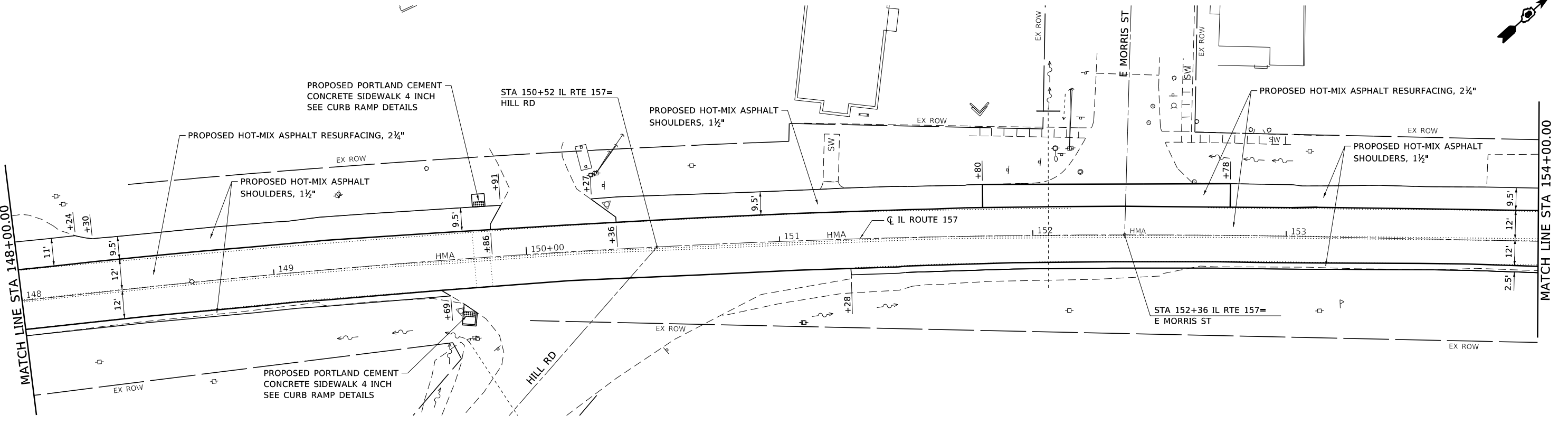
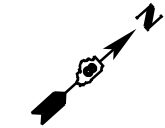
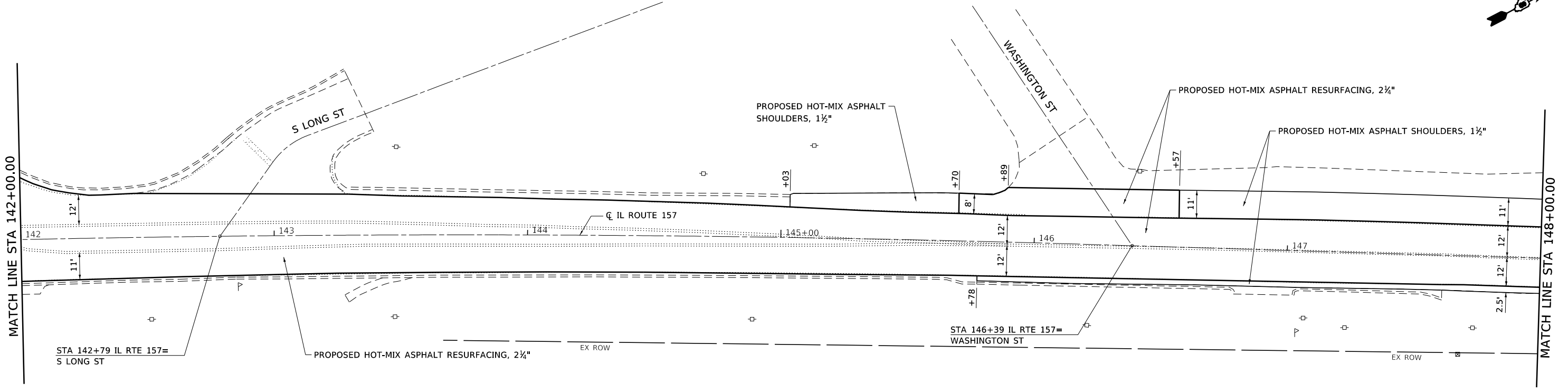


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PLOT SCALE = 40,0000' / in.	CHECKED - ESW	REVISED -
PLOT DATE = 1/25/2018	DATE - 12/1/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FAP ROUTE 592 (IL ROUTE 157) PLAN SHEET		
SCALE: 1"=20'	SHEET 7 OF 11 SHEETS	STA 130+00.00 TO STA 142+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117)RS-3	ST CLAIR	77	37
CONTRACT NO. 76K77				
ILLINOIS FED. AID PROJECT NHPP-W1X0 (370)				



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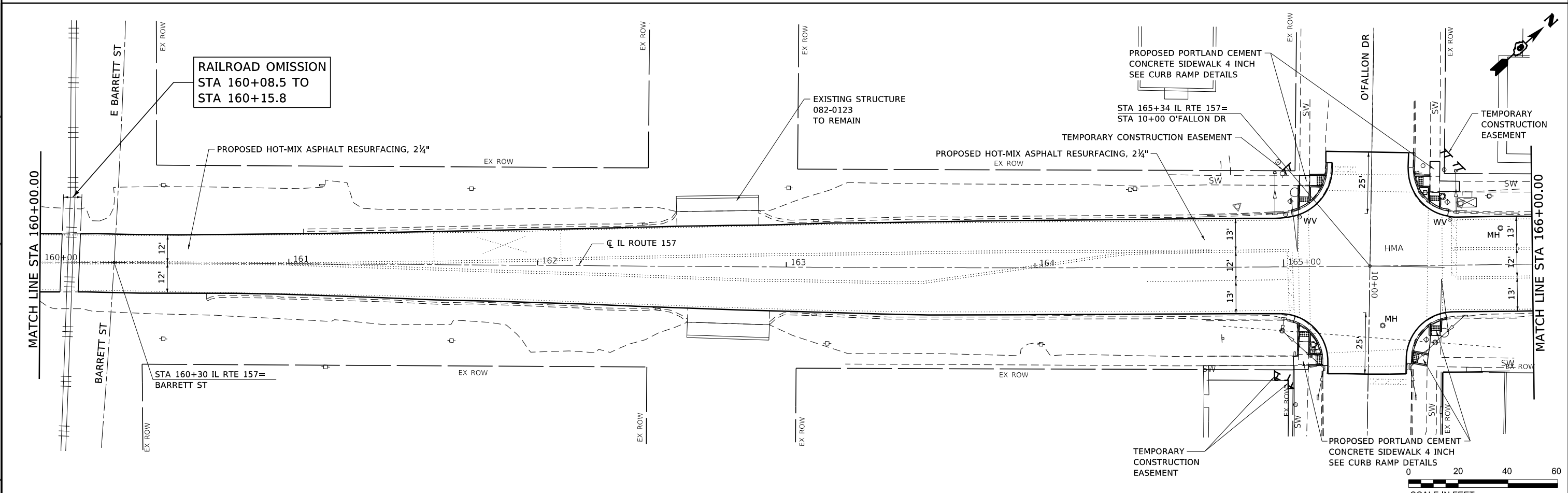
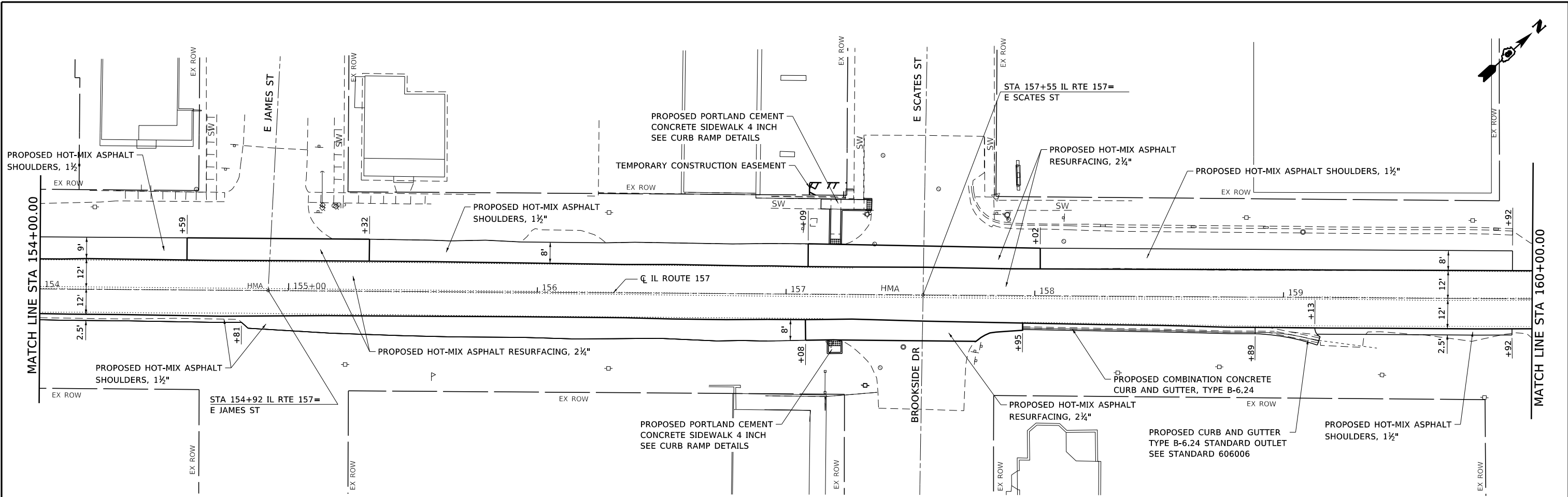
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MODEL NAME = PLAN-8	DRAWN - PDB	REVISED -
PLOT SCALE = 40,0000" / 1in.	CHECKED - ESW	REVISED -
PLOT DATE = 1/25/2018	DATE - 12/1/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP ROUTE 592 (IL ROUTE 157)
PLAN SHEET**

SCALE: 1"=20' SHEET 8 OF 11 SHEETS STA 142+00.00 TO STA 154+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117)RS-3	ST CLAIR	77	38
CONTRACT NO. 76K77				
ILLINOIS FED. AID PROJECT NHPP-W1X0 (370)				



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 MODEL NAME = PLAN-0
 PLOT SCALE = 40,0000" / 1"
 PLOT DATE = 1/25/2018

DESIGNED - ACM
 DRAWN - PDB
 CHECKED - ESW
 DATE - 12/1/2017

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

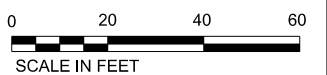
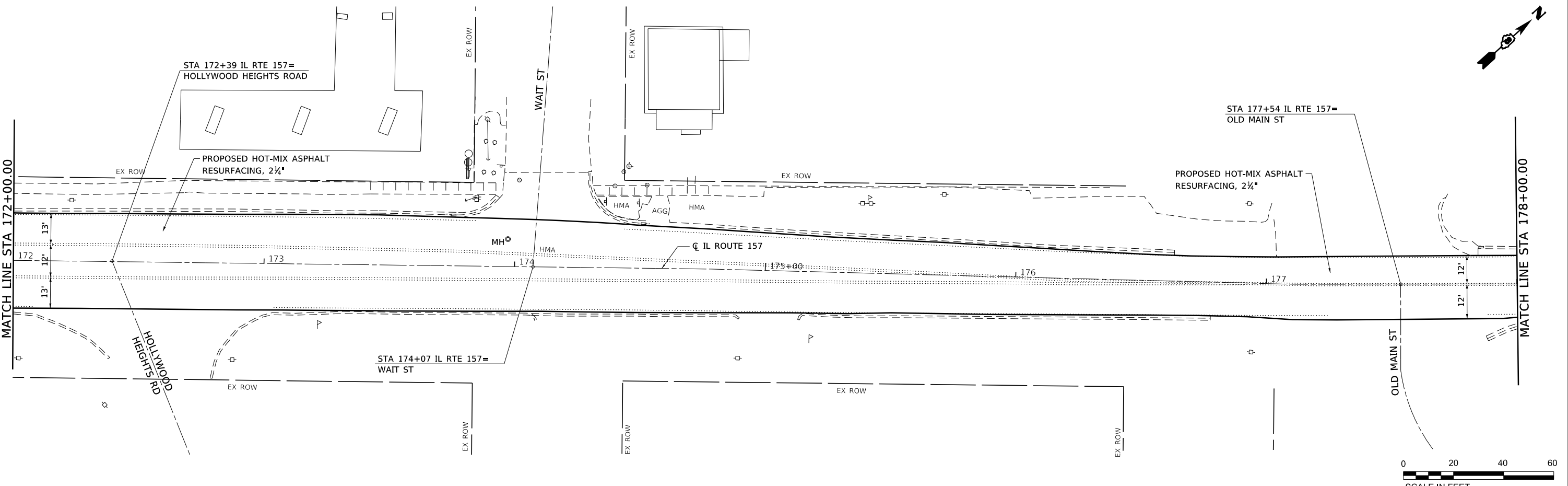
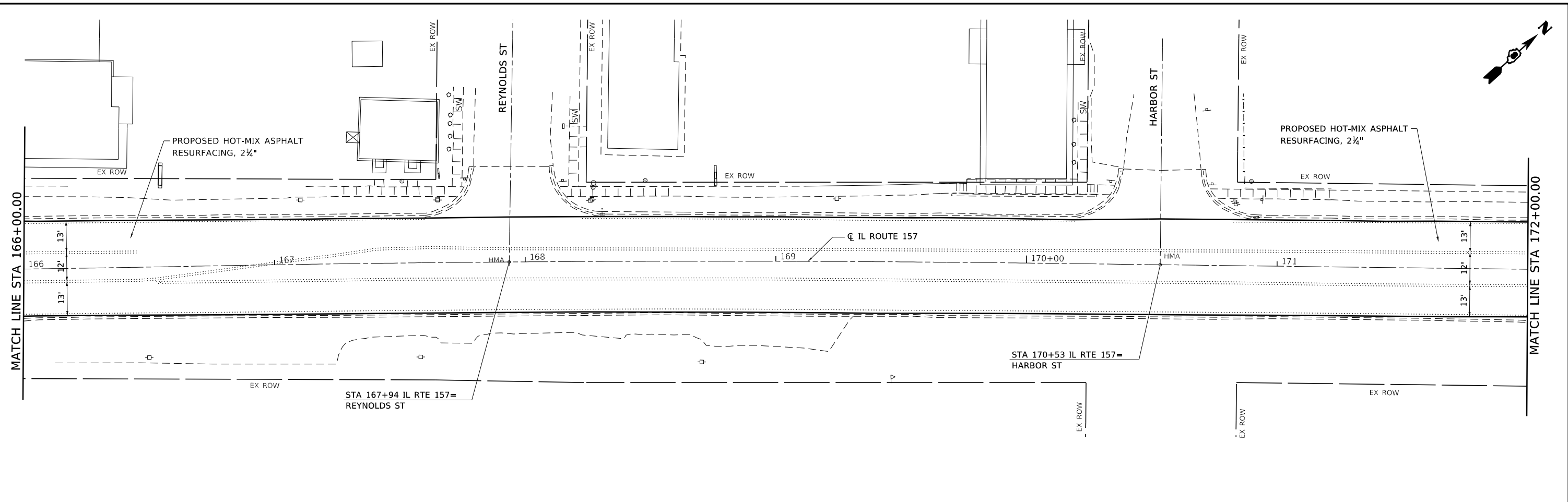
**FAP ROUTE 592 (IL ROUTE 157)
 PLAN SHEET**

SCALE: 1"=20' SHEET 9 OF 11 SHEETS STA 154+00.00 TO STA 166+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117)RS-3	ST CLAIR	77	39
CONTRACT NO. 76K77				
ILLINOIS FED. AID PROJECT NHPP-WT30 (370)				



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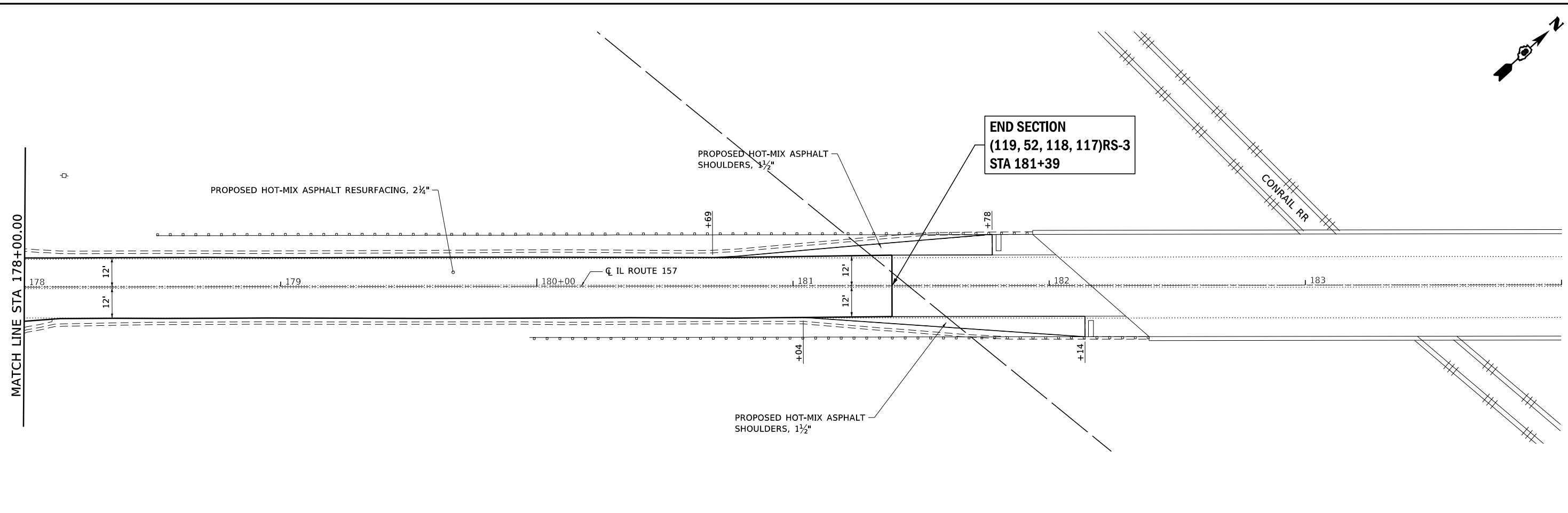
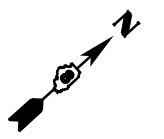
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MODEL NAME = PLAN-10	DRAWN - PDB	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - ESW	REVISED -
PLOT DATE = 1/25/2018	DATE - 12/1/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

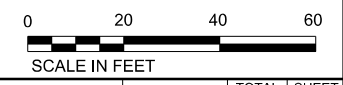
**FAP ROUTE 592 (IL ROUTE 157)
PLAN SHEET**

SCALE: 1"=20' SHEET 10 OF 11 SHEETS STA 166+00.00 TO STA 178+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117)RS-3	ST CLAIR	77	40
CONTRACT NO. 76K77				
ILLINOIS FED. AID PROJECT NHP-17X0 (370)				



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MODEL NAME = PLAN-11	DRAWN - PDB	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - ESW	REVISED -
PLOT DATE = 1/25/2018	DATE - 12/1/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FAP ROUTE 592 (IL ROUTE 157) PLAN SHEET		
SCALE: 1"=20'	SHEET 11 OF 11 SHEETS	STA 178+00.00 TO STA 184+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117)RS-3	ST CLAIR	77	41
CONTRACT NO. 76K77				
ILLINOIS FED. AID PROJECT NHPP-WTX0 (370)				

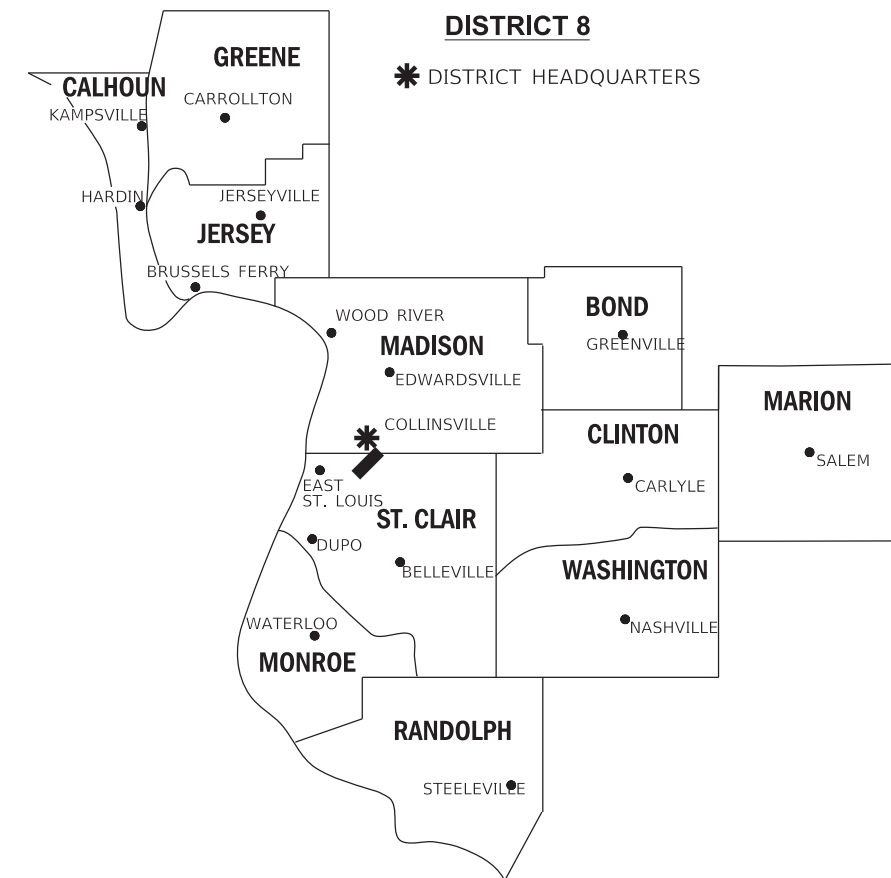
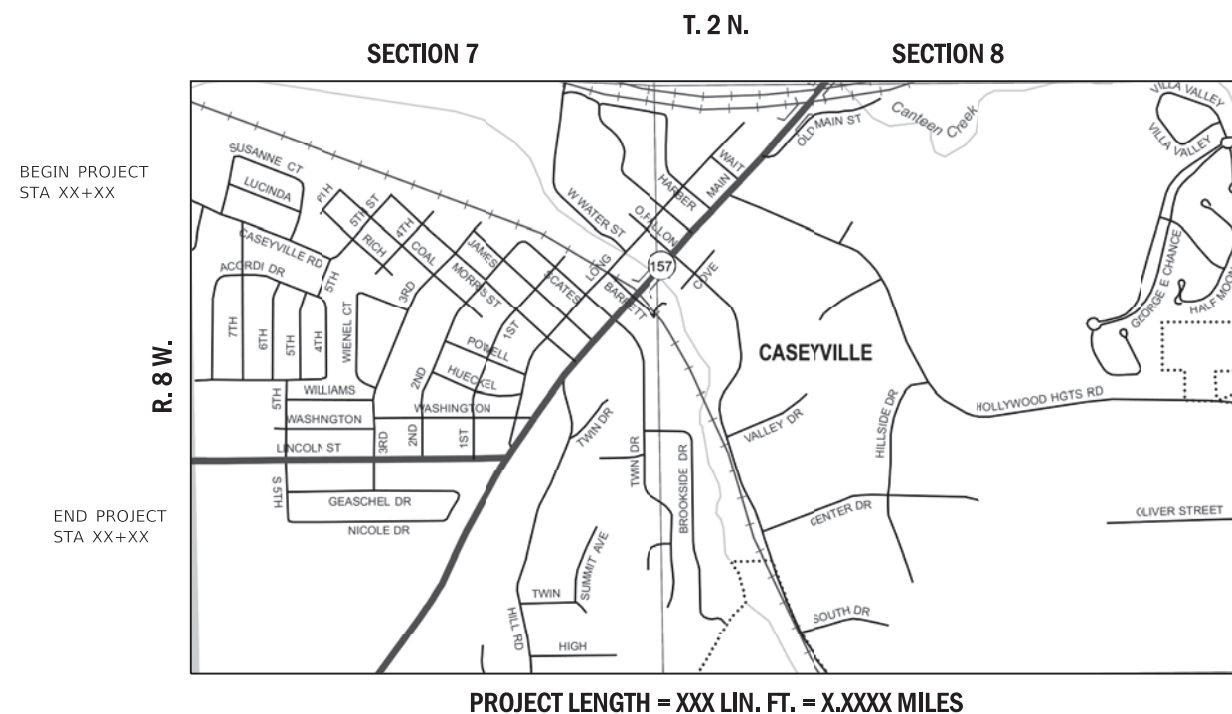
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
OFFICE OF HIGHWAYS PROJECT IMPLEMENTATION

SPACE RESERVED FOR RECORDING OFFICER

SHEET INDEX		
SHEET NO.	STATION TO STATION	DESCRIPTION
1	N/A	COVER SHEET
2	N/A	LEGEND & NOTES
3	155+00 TO 160+00	PLAT OF HIGHWAYS
4	162+56 TO 167+00	PLAT OF HIGHWAYS
5	164+00 TO 168+50	PLAT OF HIGHWAYS
6	-	PLAT OF HIGHWAYS
7	-	CONTROL POINT TIES
7	-	CONTROL POINT TIES

PLAT OF HIGHWAYS

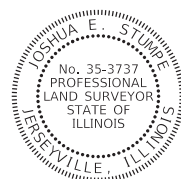
FAP ROUTE 592 (IL 157)
SECTION (119, 59, 118, 117) RS-3
ST. CLAIR COUNTY
JOB NO. R-98-029-17



PREPARED BY:



HENEGHAN AND ASSOCIATES, P.C.
1004 STATE HIGHWAY 16
JERSEYVILLE, ILLINOIS 62052
PHONE: (618) 498-6418
FAX #: (618) 498-6410
PROFESSIONAL DESIGN FIRM
REGISTRATION No. 184-002692



JOSHUA E. STUMPE, PLS No. 3737
LICENSE EXPIRATION DATE: 11/30/2018

SHEET 1 OF X

ILLINOIS DEPARTMENT OF TRANSPORTATION OFFICE OF HIGHWAYS PROJECT IMPLEMENTATION/REGION 5/DISTRICT 8 1102 EASTPORT PLAZA DRIVE COLLINSVILLE, ILLINOIS 62234-6198				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117) RS-3	ST. CLAIR	77	42
			CONTRACT NO. 76K77	
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

LEGEND FOR EXISTING TOPOGRAPHIC SYMBOLS

TRAFFIC SIGNAL GULFBOX	○	DRAINAGE FLOW LINE	↘
TRAFFIC SIGNAL HANDHOLE	⊙	RIP RAP	⏏
TRAFFIC SIGNAL SIGNAL POST	○	HEADWALL	⏏
TRAFFIC SIGNAL STEEL MAST ARM	—	CULVERT END SECTION	—
TRAFFIC SIGNAL PEDESTRIAN PUSH BUTTON	●	DRAINAGE MANHOLE	○
TRAFFIC SIGNAL WOODEN POLE	⊙	INLET	○
TRAFFIC SIGNAL VEHICLE DETECTION PRIORITY	▲	ROADWAY DITCH FLOW	↘
TRAFFIC SIGNAL VEHICLE DETECTION MAGNET	—	VEGETATION LINE	~~~~~
TRAFFIC SIGNAL JUNCTION BOX	⊠	STUMP	■
TRAFFIC SIGNAL CONTROLLER	⊠	SHRUB	○
TRAFFIC SIGNAL HEAVY DUTY HANDHOLE	⊠	EVERGREEN TREE	⊙
RAILROAD CANTILEVER MAST ARM	⏏	DECIDUOUS TREE	⊙
RAILROAD CROSSBUCK	⏏	WOODS/BUSH LINE	~~~~~
RAILROAD TRACK	====	TRAFFIC SIGN	♣
RAILROAD TRACK (ABANDONED)	==	GUARDRAIL POST	○
RAILROAD CROSSGATE	⏏	GUARDRAIL	—
RAILROAD CONTROL BOX	⊠	FIELD LINE	———
RAILROAD FLASHING SIGNAL	⏏	LEVEE/NOISE BARRIER	⏏
UTILITY TELEPHONE SPLICE BOX	⊠	FENCE	—
UTILITY POWER POLE	⊠	MAIL BOX	♣
UTILITY TRAFFIC SIGNAL	⊠	ADVERTISING SIGN	♣
UTILITY LIGHT POLE	⊠	MARSH	▤
UTILITY FIRE HYDRANT	⊙	LIGHTING HANDHOLE	⊙
UTILITY MANHOLE	○	LIGHTING POWER POLE	⊙
UTILITY TELEPHONE POLE	⊙	LIGHTING JUNCTION BOX	⊙
UTILITY GUY ANCHOR	⊙	LIGHTING HEAVYDUTY HANDHOLE	⊙
UTILITY PIPELINE WARNING SIGN	♣	LIGHTING CONTROLLER	⊙
UTILITY HANDHOLE	♣	LIGHTING PULL POINT	⊙
UTILITY SPLICE BOX	⊠	HIGHWAY LIGHTING ELECTRICAL GROUND	→
UTILITY JUNCTION BOX	⊠	HIGHWAY LIGHTING SINGLE UNIT	○
UTILITY HEAVY DUTY HANDHOLE	⊠	HIGHWAY LIGHTING DOUBLE UNIT	○
UTILITY DOUBLE HANDHOLE	⊠	EXISTING CONCRETE BARRIER	———
UTILITY CONTROLLER	⊠	EXISTING CREEK OR DITCH	———
UTILITY WATER METER	○	EXISTING EDGE OF PAVEMENT	———

RIGHT-OF-WAY LEGEND

	SECTION CORNERS		QUARTER SECTION CORNERS
— — — — —	EXISTING CENTERLINE	— — — — —	EXISTING RIGHT-OF-WAY LINE
— — — — —	EXISTING RIGHT-OF-WAY LINE	— — — — —	FORMER RIGHT-OF-WAY LINE
— — — — —	EXISTING IDOT EASEMENT LINE	— — — — —	EXISTING EASEMENT LINE
— — — — —	BUILDING SETBACK LINE	— — — — —	EXISTING ACCESS CONTROL LINE
— — — — —	EXISTING ACCESS CONTROL LINE	— — — — —	EXISTING RIGHT-OF-WAY & PROPOSED ACCESS CONTROL LINE
— — — — —	PROPOSED ACCESS CONTROL LINE	— — — — —	PROPOSED CENTERLINE
— — — — —	PROPOSED CENTERLINE	— — — — —	PROPOSED RIGHT-OF-WAY LINE
— — — — —	PROPOSED RIGHT-OF-WAY LINE	— — — — —	PROPOSED TEMPORARY EASEMENT LINE
— — — — —	PROPOSED TEMPORARY EASEMENT LINE	— — — — —	PROPOSED PERMANENT EASEMENT LINE
— — — — —	SECTION LINE	— — — — —	SECTION LINE
— — — — —	QUARTER SECTION LINE	— — — — —	QUARTER QUARTER SECTION LINE
— — — — —	PROPERTY LINE (TITLE)	— — — — —	RECORDED PLAT/DEED LINE
— — — — —	APPARENT PROPERTY LINE	— — — — —	SAME OWNERSHIP
121.45'	MEASURED DIMENSION	121.45'	RECORDED DIMENSION
(121.45')	FOUND STONE	○	FOUND IRON PIPE OR IRON ROD AT CORNER UNLESS OTHERWISE NOTED
●	SET 5/8 INCH IRON ROD WITH PLASTIC CAP IDENTIFIED BY SURVEYORS LICENSE NUMBER AT CORNER UNLESS OTHERWISE NOTED	●	PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 667101 (TO BE SET BY OTHERS)
⊙	SET 5/8 INCH IRON ROD AS SURVEY CONTROL UNLESS OTHERWISE NOTED	+	FOUND CUT CROSS
+	SET CUT CROSS		

- STAKING OF PROPOSED RIGHT-OF-WAY AND PERMANENT EASEMENT CORNERS. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY ALUMINUM CAP TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS LICENSE NUMBER.
- ^B STAKING OF PROPOSED RIGHT-OF-WAY AND PERMANENT EASEMENT CORNERS IN CULTIVATED AREA, A MINIMUM OF 20 INCHES BELOW THE GROUND SURFACE. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY ALUMINUM CAP TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS LICENSE NUMBER.

LEGEND FOR ABBREVIATIONS

A/C	ACCESS CONTROL
AC	ACRE
AVE	AVENUE
BK	BOOK
BLVD	BOULEVARD
CL	CENTERLINE
CAB	CABINET
CH	COUNTY HIGHWAY
Ch	CHAIN
CP	CONTROL POINT
CPS	COTTON PICKER SPINDLE
DB	DEED BOOK
E	EAST
EX	EXISTING
FA	FEDERAL AID
FAI	FEDERAL AID INTERSTATE
FAP	FEDERAL AID PRIMARY
FAS	FEDERAL AID SECONDARY
FAU	FEDERAL AID URBAN
FND	FOUND
ha	HECTARE
IP	IRON PIPE
IR	IRON ROD
LT	LEFT
m ²	METER
m	SQUARE METERS
N	NORTH
N/F	NOW OR FORMERLY
N & BC	NAIL AND BOTTLE CAP
N & C	NAIL AND CAP
N & W	NAIL AND WASHER
NE	NORTHEAST
NW	NORTHWEST
PB	PLAT BOOK
PG	PAGE
POB	POINT OF BEGINNING
POC	POINT OF COMMENCEMENT
POT	POINT ON TANGENT
PL	PROPERTY LINE
PR	PROPOSED
R	RANGE
RD	ROAD
REC	RECORD
ROW	RIGHT-OF-WAY
RR	RAILROAD
RRS	RAILROAD SPIKE
RT	RIGHT
RTE	ROUTE
S	SOUTH
SBI	STATE BOND ISSUE
SE	SOUTHEAST
SEC	SECTION
SQ FT	SQUARE FEET
SR	STATE ROUTE
ST	STREET
STA	STATION
SMK	SURVEY MARKER
SW	SOUTHWEST
T	TOWNSHIP
TR	TOWNSHIP ROAD
USGS	U.S. GEOLOGICAL SURVEY
W	WEST

SPACE RESERVED FOR RECORDING OFFICER

PROPOSED PARCEL NUMBER LEGEND

8001001	PROPOSED FEE SIMPLE ACQUISITION
8001001PE	PROPOSED PERMANENT EASEMENT
8001001TE	PROPOSED TEMPORARY EASEMENT
8001001DED	PROPOSED DEDICATION
8001001AC	PROPOSED ACCESS CONTROL LINE

CURVE ABBREVIATIONS

PC	POINT OF CURVATURE
PI	POINT OF INTERSECTION
PT	POINT OF TANGENCY
PRC	POINT OF REVERSE CURVE
PCC	POINT OF COMPOUND CURVE
CB	CHORD BEARING
R	RADIUS OF CURVE
L	LENGTH OF CURVE
CB	CHORD BEARING
C	CHORD LENGTH
D	DEGREE OF CURVE
E	EXTERNAL ORDINATE
Δ	CENTRAL ANGLE

BASIS OF COORDINATE & BEARING STATEMENT

THE COORDINATES AND BEARINGS FOR THIS SURVEY ARE BASED ON THE PROJECT SURVEY CONTROL DATA THAT THE ILLINOIS DEPARTMENT OF TRANSPORTATION (DEPARTMENT) ESTABLISHED AND PROVIDED TO THE SURVEYOR, WHICH IS A "GROUND SURFACE COORDINATE SYSTEM" PREPARED SPECIFICALLY FOR THIS PROJECT.

THE CONTROL POINTS UTILIZED ON THIS PROJECT AND THEIR ASSOCIATED COORDINATES, AS PROVIDED BY THE DEPARTMENT, ARE LISTED IN THE TABLE BELOW.

THIS "GROUND SURFACE COORDINATE SYSTEM" WAS DERIVED FROM THE DEPARTMENT'S INITIAL CONTROL SURVEY WHICH ESTABLISHED STATE PLANE COORDINATE SYSTEM (SPCS) VALUES FOR EACH OF THE CONTROL POINTS BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, WEST ZONE, NAD83 (insert epoch). TO CREATE THE PROJECT "GROUND SURFACE COORDINATE SYSTEM", THE DEPARTMENT MADE THE FOLLOWING TWO ADJUSTMENTS TO THE SPCS VALUES:

- ADJUSTED THE STATE PLANE COORDINATES TO A GROUND COORDINATE SYSTEM BY DIVIDING THE SPCS VALUES BY THE COMBINATION FACTOR UTILIZED FOR THIS PROJECT WHICH IS 0.9999XXXXXXX.
- SUBTRACTED 2,000,000 FROM THE ADJUSTED EASTING VALUES TO DISTINGUISH A UNIQUE DIFFERENCE BETWEEN THE GROUND SYSTEM COORDINATES FROM THE SPCS COORDINATES.

PROJECT SURVEY CONTROL DATA GROUND SURFACE COORDINATE SYSTEM

COORDINATES PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION JOB NO. D-98-XXX-XX / CONTRACT NO. 76XXX			
POINT NO.	NORTH (FEET)	EAST (FEET)	DESCRIPTION

TOTAL HOLDING AREA SOURCE TABLE

1	AREA ACCORDING TO THE SURVEY PERFORMED BY THE CONSULTANT.
2	AREA LISTED IN RECORDED DEED.
3	AREA ACCORDING TO A RECORDED SUBDIVISION PLAT.
4	AREA ACCORDING TO A PLAT OF SURVEY.
5	AREA CALCULATED FROM RECORDED DEEDS OR TITLE COMMITMENTS - NOT SURVEYED.
6	AREA ACCORDING TO COUNTY TAX MAPS AND COUNTY ASSESSMENT RECORDS.
7	AREA ACCORDING TO OTHER RECORDS, SEE NOTE ON THE PLAT OF HIGHWAYS.

TOPOGRAPHIC STATEMENT

THE TOPOGRAPHY SHOWN HEREON WAS PROVIDED TO THE SURVEYOR BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION. THE SURVEYOR VISUALLY FIELD VERIFIED THE EXISTENCE OF THE TOPOGRAPHY SHOWN HEREON. IN ADDITION THE SURVEYOR PHYSICALLY LOCATED IN THE FIELD THE FOLLOWING ITEMS ON 10/2017 TO 11/2017:

- BUILDINGS
- COMMERCIAL SIGNS
-

STATE OF ILLINOIS)
) SS
COUNTY OF JERSEY)

I, JOSHUA E. STUMPE, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED _____

JOSHUA E. STUMPE, PLS No. 3737
LICENSE EXPIRATION DATE: 11/30/2018**PREPARED BY:**ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
FAP ROUTE 592 (IL 157)
SECTION (119, 59, 118, 117) RS-3
ST. CLAIR COUNTY
JOB NO. R-98-029-17

SHEET 2 OF 8

ILLINOIS DEPARTMENT OF TRANSPORTATION
OFFICE OF HIGHWAYS PROJECT IMPLEMENTATION/REGION 5/DISTRICT 8
1102 EASTPORT PLAZA DRIVE
COLLINSVILLE, ILLINOIS 62234-6198

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117) RS-3	ST. CLAIR	77	43
CONTRACT NO. 76K77				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SEE LEGENDS, TOPOGRAPHIC STATEMENT, SURVEYORS NOTE(S) AND BASIS OF COORDINATES & BEARINGS STATEMENT ON SHEET 2

COORDINATE TABLE					
POINT NO.	STATION	OFFSET	NORTH	EAST	DESCRIPTION
3010	155+23.60	39.92' LT	159,289.4528	74,233.3126	BLOCK CORNER
3012	157+84.16	39.76' LT	159,481.7302	74,409.1633	BLOCK CORNER
5045	157+83.75	40.24' RT	159,427.4723	74,467.9491	BLOCK CORNER
5048	157+23.75	40.14' RT	159,383.2430	74,427.4039	BLOCK CORNER
5049	157+24.16	39.86' LT	159,437.4964	74,368.6100	BLOCK CORNER
6000	157+24.16	44.86' LT	159,440.8678	74,364.9176	PR TEMPORARY EASEMENT
6001	157+09.16	44.87' LT	159,429.7952	74,354.7984	PR TEMPORARY EASEMENT
6002	157+09.16	39.87' LT	159,426.4239	74,358.4908	PR TEMPORARY EASEMENT

ORIGINAL TOWN OF CASEYVILLE

(BK U, PG 544)
Recorded May 10, 1849

ORIGINAL TOWN OF CASEYVILLE

(BK U, PG 544)
Recorded May 10, 1849

FIRST ADDITION TO CASEYVILLE

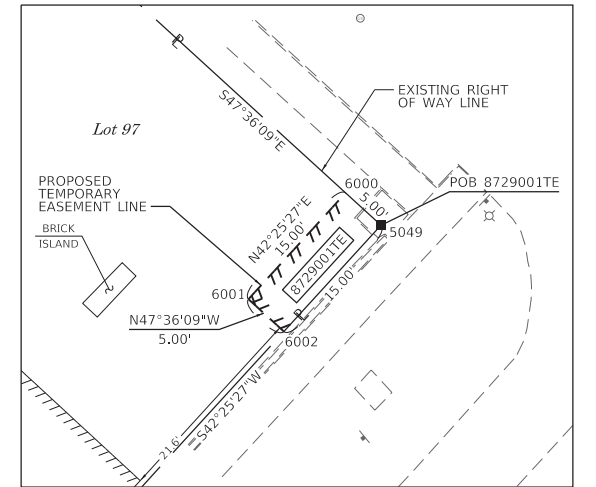
(PB A, PG 1)
Recorded June 13, 1854

FIRST ADDITION TO CASEYVILLE

(PB A, PG 1)
Recorded June 13, 1854



SPACE RESERVED FOR RECORDING OFFICER

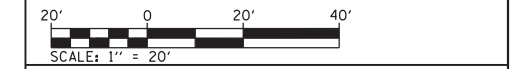


DETAIL "A"
SCALE 1" = 10'



HENEGHAN AND ASSOCIATES, P.C.
1004 STATE HIGHWAY 16
JERSEYVILLE, ILLINOIS 62052
PHONE: (618) 498-6418
FAX #: (618) 498-6410
PROFESSIONAL DESIGN FIRM
REGISTRATION NO. 184-002692

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
FAP ROUTE 592 (IL 157)
SECTION (119, 59, 118, 117) RS-3
ST. CLAIR COUNTY
JOB NO. R-98-029-17
STATION 155+00 TO STATION 160+00



ILLINOIS DEPARTMENT OF TRANSPORTATION
OFFICE OF HIGHWAYS PROJECT IMPLEMENTATION/REGION 5/DISTRICT 8
1102 EASTPORT PLAZA DRIVE
COLLINSVILLE, ILLINOIS 62234-6198

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117) RS-3	ST. CLAIR	77	44

CONTRACT NO. 76K77

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

STATE OF ILLINOIS)
COUNTY OF JERSEY) SS

I, JOSHUA E. STUMPE, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED _____
JOSHUA E. STUMPE, PLS No. 3737
LICENSE EXPIRATION DATE: 11/30/2018



PARCEL NO.	OWNER	TOTAL HOLDING ACRES	EASEMENTS		PERMANENT TAX NUMBER AFFECTED	PROPERTY ACQUIRED BY
			PE = PERMANENT ACRES	TE = TEMPORARY SQ FT		
8729001	DEREK S. PARKER AND AUBREY L. PARKER, HUSBAND AND WIFE, IN JOINT TENANCY TITLE REPORT NO. 18-2017SC-7008.0	0.2694	TE 0.0017	TE 75	03-07.0-232-011	

COMPLETION DATE OF FIELD WORK PERFORMED	
LAND SURVEY: NOVEMBER, 2017	ROW STAKING:

SEE LEGENDS, TOPOGRAPHIC STATEMENT, SURVEYORS NOTE(S) AND BASIS OF COORDINATES & BEARINGS STATEMENT ON SHEET 2

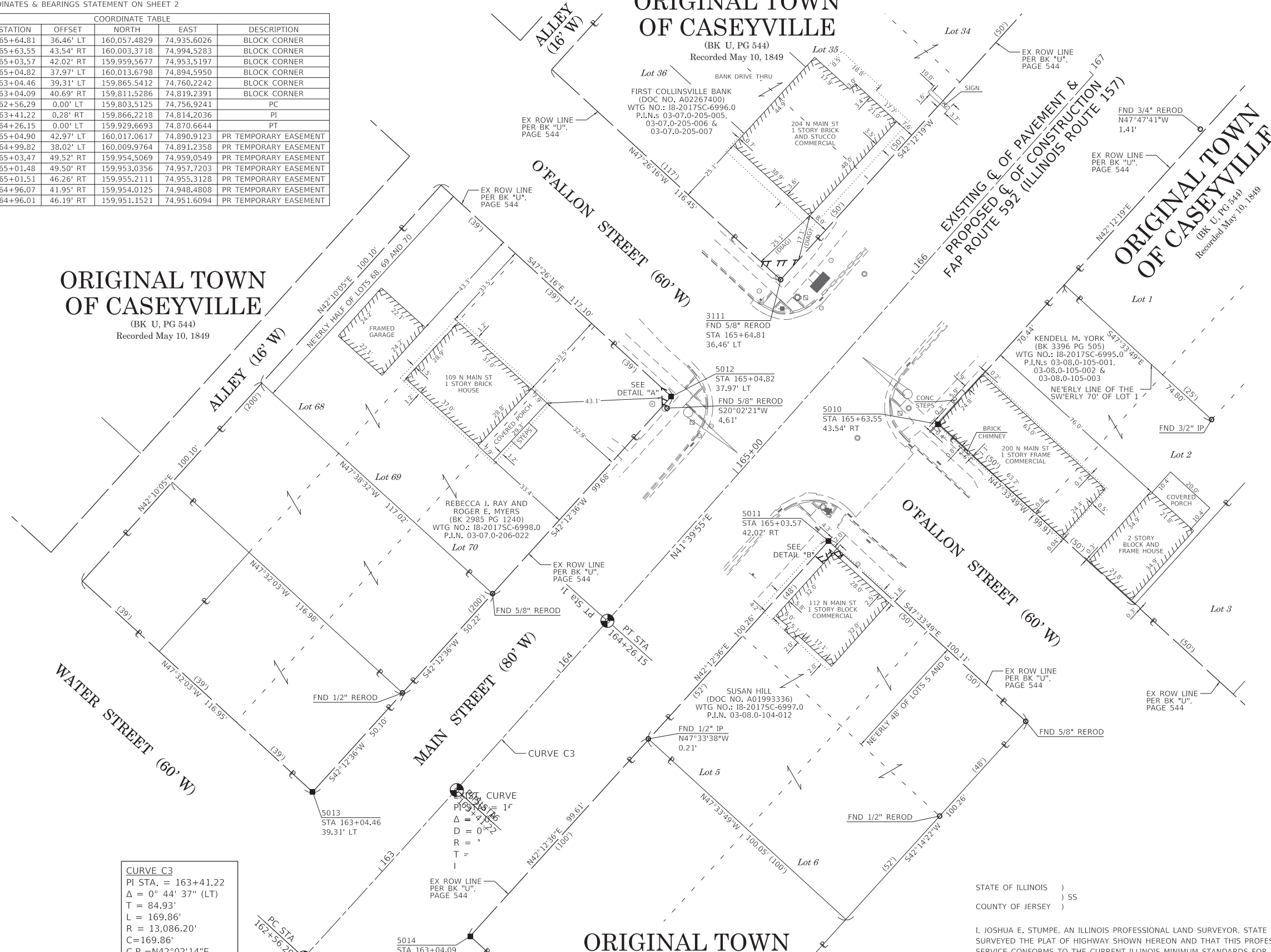
COORDINATE TABLE					
POINT NO.	STATION	OFFSET	NORTH	EAST	DESCRIPTION
3111	165+64.81	36.46' LT	160,057.4829	74,935.6026	BLOCK CORNER
5010	165+63.55	43.54' RT	160,003.3718	74,994.5283	BLOCK CORNER
5011	165+03.57	42.02' RT	159,959.5677	74,953.5197	BLOCK CORNER
5012	165+04.82	37.97' LT	160,013.6798	74,894.5950	BLOCK CORNER
5013	163+04.46	39.31' LT	159,865.5412	74,760.2242	BLOCK CORNER
5014	163+04.09	40.69' RT	159,811.5286	74,819.2391	BLOCK CORNER
-	162+56.29	0.00' LT	159,803.5125	74,756.9241	PC
-	163+41.22	0.28' RT	159,866.2218	74,814.2036	PI
-	164+26.15	0.00' LT	159,929.6693	74,870.6644	PT
6003	165+04.90	42.97' LT	160,017.0617	74,890.9123	PR TEMPORARY EASEMENT
6004	164+99.82	38.02' LT	160,009.9764	74,891.2358	PR TEMPORARY EASEMENT
6007	165+03.47	49.52' RT	159,954.5069	74,959.0549	PR TEMPORARY EASEMENT
6008	165+01.48	49.50' RT	159,953.0356	74,957.7203	PR TEMPORARY EASEMENT
6009	165+01.51	46.26' RT	159,955.2111	74,955.3128	PR TEMPORARY EASEMENT
6010	164+96.07	41.95' RT	159,954.0125	74,948.4808	PR TEMPORARY EASEMENT
6011	164+96.01	46.19' RT	159,951.1521	74,951.6094	PR TEMPORARY EASEMENT

ORIGINAL TOWN OF CASEYVILLE
(BK U, PG 544)
Recorded May 10, 1849

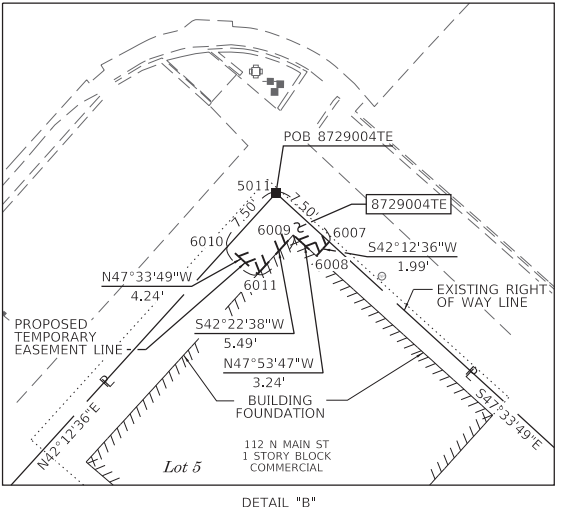
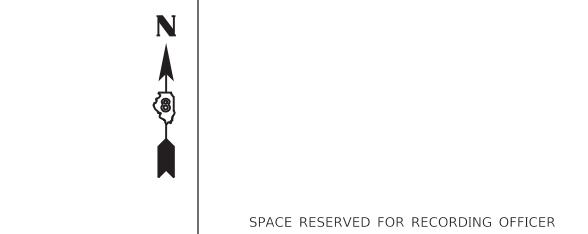
ORIGINAL TOWN OF CASEYVILLE
(BK U, PG 544)
Recorded May 10, 1849

ORIGINAL TOWN OF CASEYVILLE
(BK U, PG 544)
Recorded May 10, 1849

ORIGINAL TOWN OF CASEYVILLE
(BK U, PG 544)
Recorded May 10, 1849



CURVE C3
PI STA. = 163+41.22
Δ = 0° 44' 37" (LT)
T = 84.93'
L = 169.86'
R = 13,086.20'
C = 169.86'
C.B. = N42°02'14"E
P.C. STA. = 162+56.29
P.T. STA. = 164+26.15



HA
ENGINEERS - SURVEYORS

HENEGHAN AND ASSOCIATES, P.C.
1004 STATE HIGHWAY 16
JERSEYVILLE, ILLINOIS 62052
PHONE: (618) 498-6418
FAX #: (618) 498-6410
PROFESSIONAL DESIGN FIRM
REGISTRATION NO. 184-002692

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
FAP ROUTE 592 (IL 157)
SECTION (119, 59, 118, 117) RS-3
ST. CLAIR COUNTY
JOB NO. R-98-029-17
STATION 162+56 TO STATION 167+00

ILLINOIS DEPARTMENT OF TRANSPORTATION OFFICE OF HIGHWAYS PROJECT IMPLEMENTATION/REGION 5/DISTRICT 8 1102 EASTPORT PLAZA DRIVE COLLINSVILLE, ILLINOIS 62234-6198				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117) RS-3	ST. CLAIR	77	45
COMPLETION DATE OF FIELD WORK PERFORMED		CONTRACT NO. 76K77		
LAND SURVEY: NOVEMBER, 2017		FED. ROAD DIST. NO.		
ROW STAKING:		ILLINOIS		
		FED. AID PROJECT		

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	EASEMENTS		PERMANENT TAX NUMBER AFFECTED	PROPERTY ACQUIRED BY
			PE = PERMANENT ACRES	TE = TEMPORARY SQ FT		
8729002	REBECCA J. RAY AND ROGER E. MYERS, HER HUSBAND, AS JOINT TENANTS TITLE REPORT NO. 18-20175C-6998.0	0.2684	TE 0.0003	TE 12	03-07.0-206-022	
8729004	SUSAN HILL TITLE REPORT NO. 18-20175C-6997.0	0.2304	TE 0.0009	TE 38	03-08.0-104-012	

STATE OF ILLINOIS)
COUNTY OF JERSEY) SS

I, JOSHUA E. STUMPE, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED _____

JOSHUA E. STUMPE, PLS No. 3737
LICENSE EXPIRATION DATE: 11/30/2018

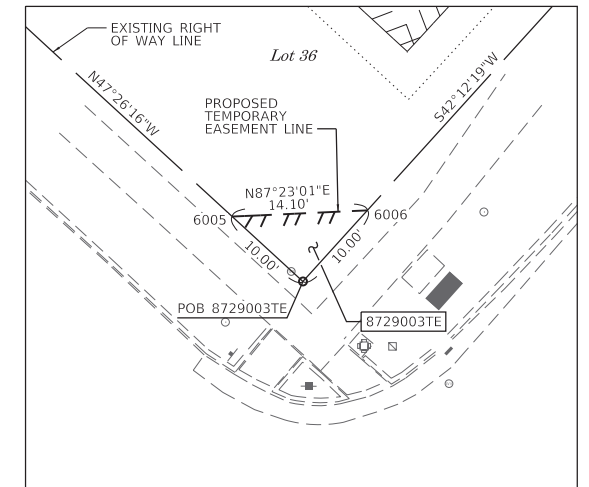
JOSHUA E. STUMPE
No. 35-3737
PROFESSIONAL LAND SURVEYOR
STATE OF ILLINOIS
JERSEYVILLE, ILLINOIS

SEE LEGENDS, TOPOGRAPHIC STATEMENT, SURVEYORS NOTE(S) AND BASIS OF COORDINATES & BEARINGS STATEMENT ON SHEET 2

COORDINATE TABLE					
POINT NO.	STATION	OFFSET	NORTH	EAST	DESCRIPTION
3111	165+64.81	36.46' LT	160,057.4829	74,935.6026	BLOCK CORNER
3213	167+64.08	45.43' RT	160,151.9146	75,129.2435	BLOCK CORNER
5007	168+24.06	46.88' RT	160,195.7561	75,170.2089	BLOCK CORNER
5009	167+64.50	34.57' LT	160,205.4124	75,069.7617	BLOCK CORNER
5010	165+63.55	43.54' RT	160,003.3718	74,994.5283	BLOCK CORNER
5011	165+03.57	42.02' RT	159,959.5677	74,953.5197	BLOCK CORNER
5012	165+04.82	37.97' LT	160,013.6798	74,894.5950	BLOCK CORNER
-	164+26.15	0.00' LT	159,929.6693	74,870.6644	PT
6005	165+64.96	46.45' LT	160,064.2468	74,928.2372	PR TEMPORARY EASEMENT
6006	165+74.81	36.36' LT	160,064.8903	74,942.3205	PR TEMPORARY EASEMENT



SPACE RESERVED FOR RECORDING OFFICER



DETAIL "A"
SCALE 1" = 10'

ORIGINAL TOWN OF CASEYVILLE
(BK U, PG 544)
Recorded May 10, 1849

ALLEY (16' W)

O'FALLON STREET (60' W)

MAIN STREET (80' W)

ORIGINAL TOWN OF CASEYVILLE
(BK U, PG 544)
Recorded May 10, 1849

CURVE C3
PI STA. = 163+41.22
 $\Delta = 0^\circ 44' 37''$ (LT)
T = 84.93'
L = 169.86'
R = 13,086.20'
C = 169.86'
C.B. = N42°02'14"E
P.C. STA. = 162+56.29
P.T. STA. = 164+26.15

* SEE TOTAL HOLDING AREA SOURCE TABLE ON SHEET 2

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	EASEMENTS		EASEMENT PURPOSE	PERMANENT TAX NUMBER AFFECTED	PROPERTY ACQUIRED BY
			PE = PERMANENT ACRES	TE = TEMPORARY SQ FT			
8729003	FIRST COLLINSVILLE BANK TITLE REPORT NO. 18-20175C-6996.0	0.4001	TE 0.0011	TE 50	SIDEWALK CONSTRUCTION	03-07-0-205-007	

SUSAN HILL
(DOC NO. A01993336)
WTG NO.: 18-20175C-6997.0
P.I.N. 03-08-0-104-012

STATE OF ILLINOIS)
COUNTY OF JERSEY) SS

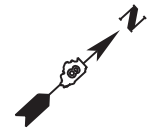
I, JOSHUA E. STUMPE, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED _____
JOSHUA E. STUMPE, PLS No. 3737
LICENSE EXPIRATION DATE: 11/30/2018



ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
FAP ROUTE 592 (IL 157)
SECTION (119, 59, 118, 117) RS-3
ST. CLAIR COUNTY
JOB NO. R-98-029-17
STATION 164+00 TO STATION 168+50

20' 0 20' 40'				
SCALE: 1" = 20'				
ILLINOIS DEPARTMENT OF TRANSPORTATION OFFICE OF HIGHWAYS PROJECT IMPLEMENTATION/REGION 5/DISTRICT 8 1102 EASTPORT PLAZA DRIVE COLLINSVILLE, ILLINOIS 62234-6198				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117) RS-3	ST. CLAIR	77	46
COMPLETION DATE OF FIELD WORK PERFORMED		CONTRACT NO. 76K77		
LAND SURVEY: NOVEMBER, 2017		ROW STAKING:		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



SPACE RESERVED FOR RECORDING OFFICER



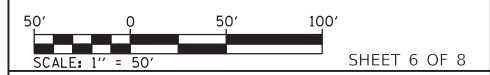
STATE OF ILLINOIS)
) SS
 COUNTY OF JERSEY)

I, JOSHUA E. STUMPE, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED _____
 JOSHUA E. STUMPE, PLS No. 3737
 LICENSE EXPIRATION DATE: 11/30/2018



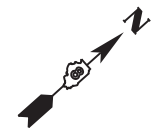
ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
 FAP ROUTE 592 (IL 157)
 SECTION (119, 59, 118, 117) RS-3
 ST. CLAIR COUNTY
 JOB NO. R-98-029-17



ILLINOIS DEPARTMENT OF TRANSPORTATION
 OFFICE OF HIGHWAYS PROJECT IMPLEMENTATION/REGION 5/DISTRICT 8
 1102 EASTPORT PLAZA DRIVE
 COLLINGSVILLE, ILLINOIS 62234-6198

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117) RS-3	ST. CLAIR	77	47
CONTRACT NO. 76K77				

COMPLETION DATE OF FIELD WORK PERFORMED	
LAND SURVEY: NOVEMBER, 2017	ROW STAKING:



SPACE RESERVED FOR RECORDING OFFICER

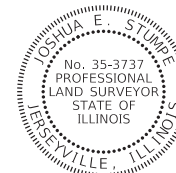


STATE OF ILLINOIS)
) SS
 COUNTY OF JERSEY)

I, JOSHUA E. STUMPE, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED _____

JOSHUA E. STUMPE, PLS No. 3737
 LICENSE EXPIRATION DATE: 11/30/2018



HENEGHAN AND ASSOCIATES, P.C.
 1004 STATE HIGHWAY 16
 JERSEYVILLE, ILLINOIS 62052
 PHONE: (618) 498-6418
 FAX #: (618) 498-6410
 PROFESSIONAL DESIGN FIRM
 REGISTRATION No. 184-002692

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
 FAP ROUTE 592 (IL 157)
 SECTION (119, 59, 118, 117) RS-3
 ST. CLAIR COUNTY
 JOB NO. R-98-029-17
 STATION 00+00 TO STATION 00+00



SHEET 7 OF 8

ILLINOIS DEPARTMENT OF TRANSPORTATION
 OFFICE OF HIGHWAYS PROJECT IMPLEMENTATION/REGION 5/DISTRICT 8
 1102 EASTPORT PLAZA DRIVE
 COLLINSVILLE, ILLINOIS 62234-6198

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117) RS-3	ST. CLAIR	77	48
				CONTRACT NO. 76K77
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

COMPLETION DATE OF FIELD WORK PERFORMED _____
 LAND SURVEY: NOVEMBER, 2017 ROW STAKING: _____

SECTION CORNER AND CENTERLINE TIE SHEET

__ COR SEC __, T. __, R. __ W. __/__/ MONUMENT RECORD DOC. NO. _____ N=, E=	P. Sta. __+__. N=, E=



SPACE RESERVED FOR RECORDING OFFICER

NOTE: STATE AND COUNTY WHERE PLATS WERE SIGNED AND SEALED SHOULD FILLED IN BELOW

STATE OF ILLINOIS)
) SS
 COUNTY OF JERSEY)

I, JOSHUA E. STUMPE, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED _____

JOSHUA E. STUMPE, PLS No. 3737
 LICENSE EXPIRATION DATE: 11/30/2018



HENEGHAN AND ASSOCIATES, P.C.
 1004 STATE HIGHWAY 16
 JERSEYVILLE, ILLINOIS 62052
 PHONE: (618) 498-6418
 FAX #: (618) 498-6410
 PROFESSIONAL DESIGN FIRM
 REGISTRATION No. 184-002692

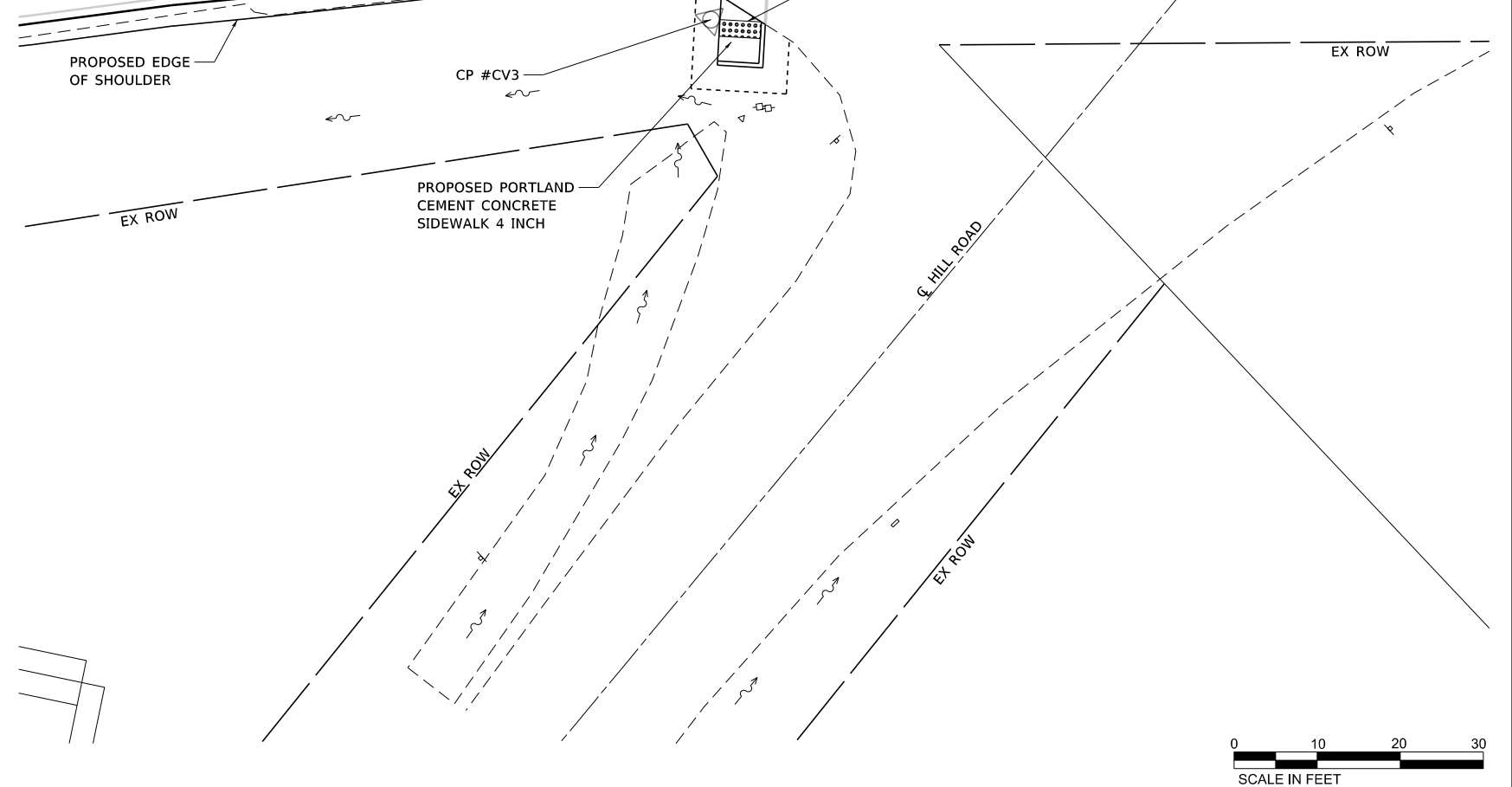
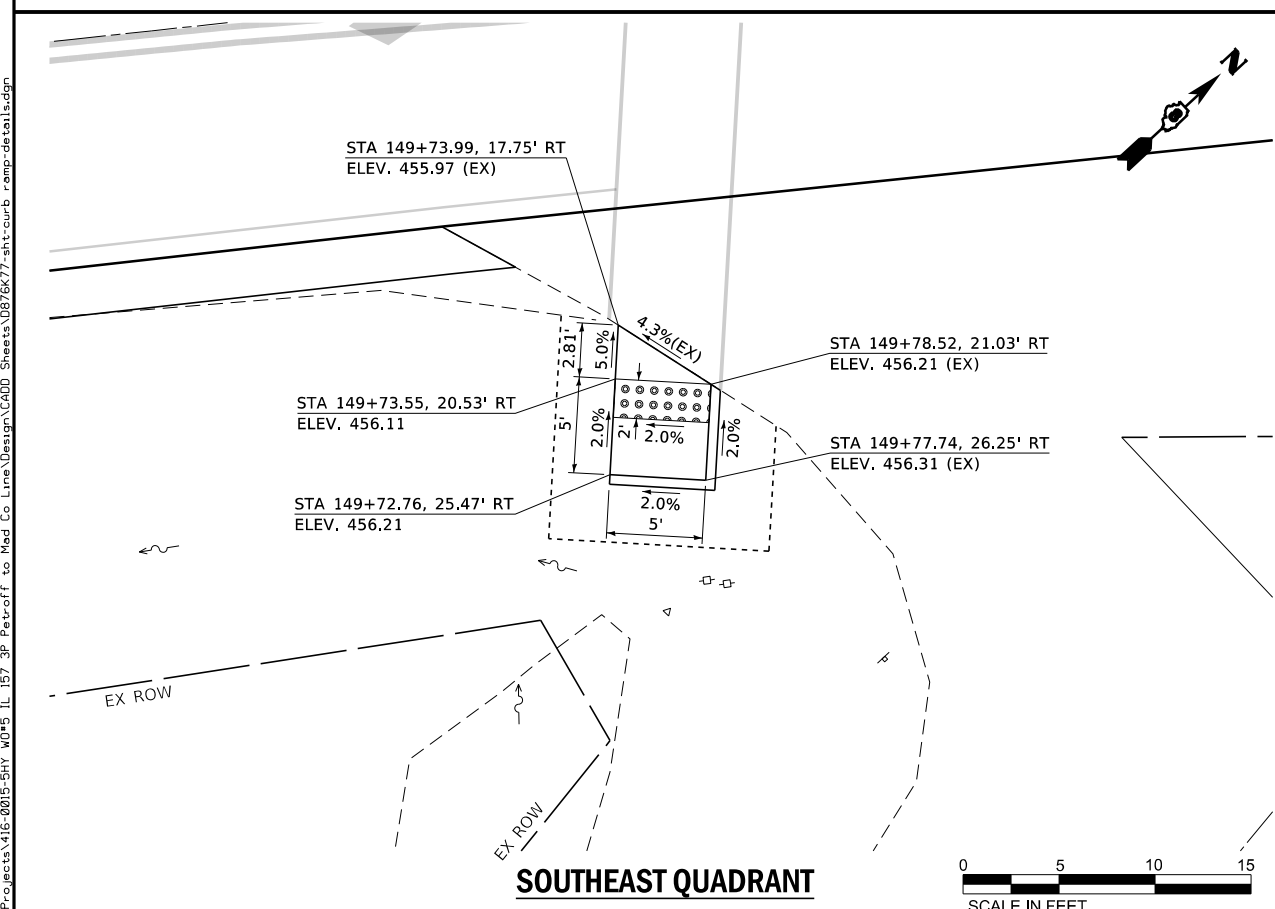
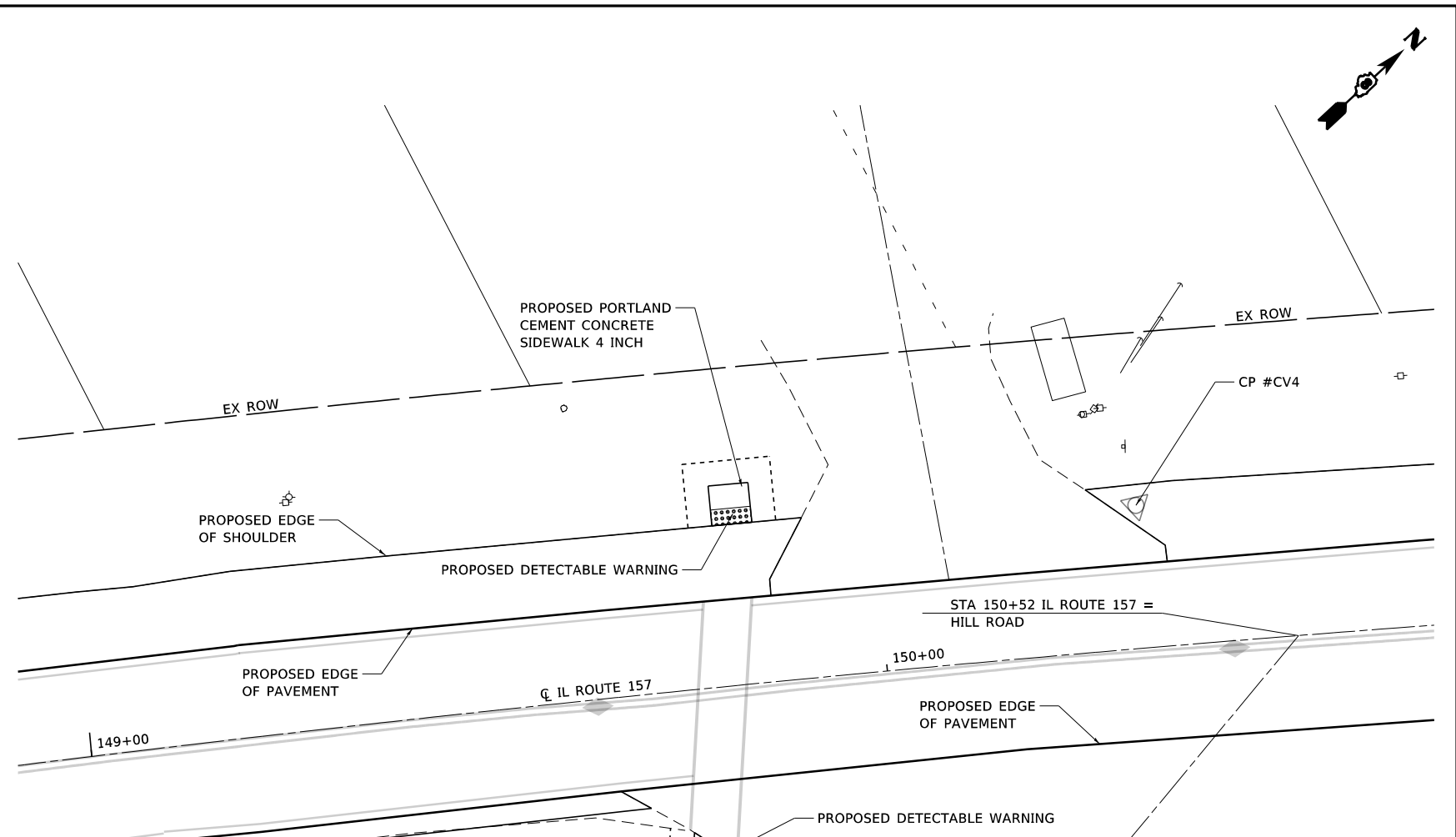
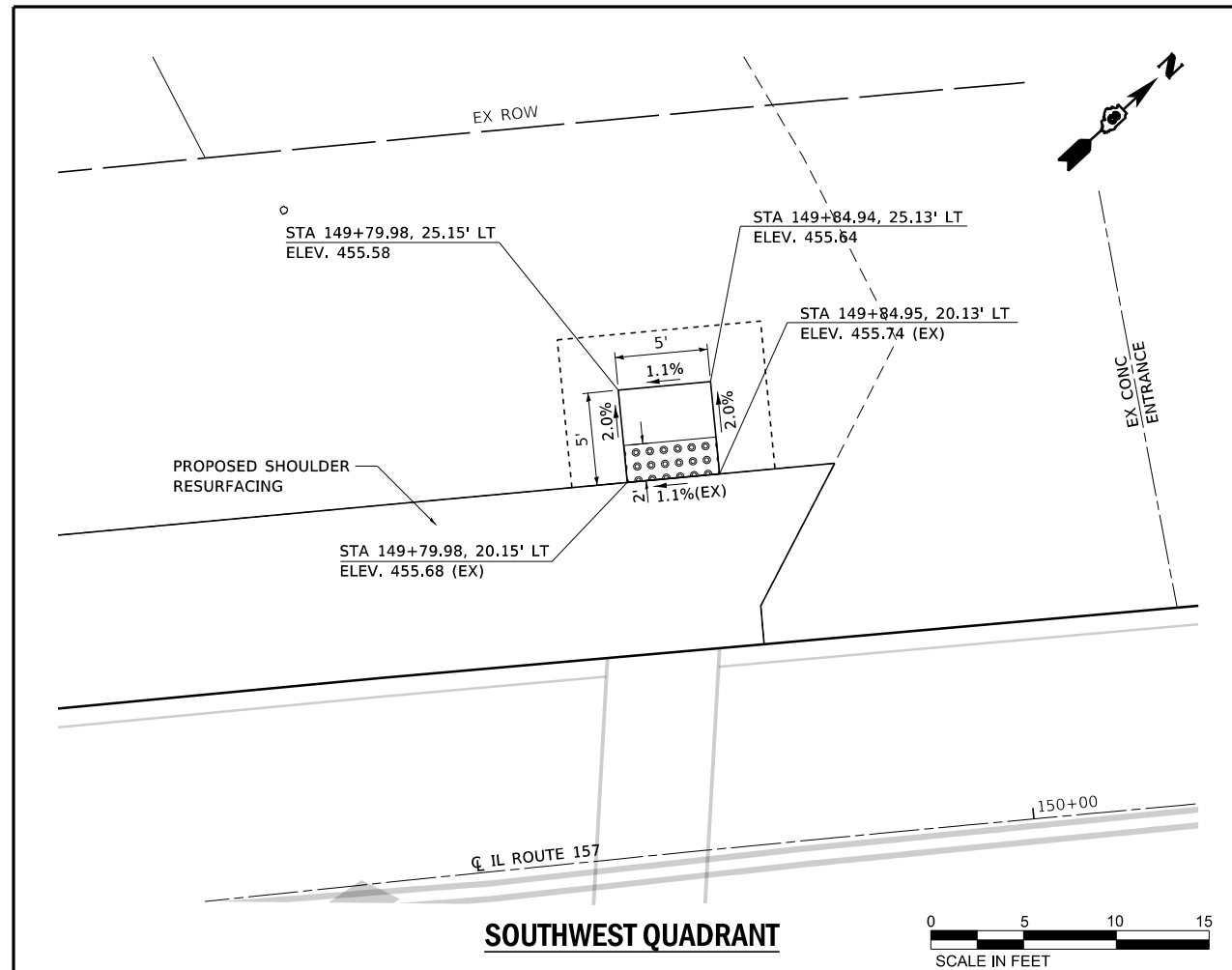
COMPLETION DATE OF FIELD WORK PERFORMED
 LAND SURVEY: _____ ROW STAKING: _____

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
 FAP ROUTE 592 (IL 157)
 SECTION (119, 59, 118, 117) RS-3
 ST. CLAIR COUNTY
 JOB NO. R-98-029-17

NOT TO SCALE SHEET 8 OF 8

ILLINOIS DEPARTMENT OF TRANSPORTATION
 OFFICE OF HIGHWAYS PROJECT IMPLEMENTATION/REGION 5/DISTRICT 8
 1102 EASTPORT PLAZA DRIVE
 COLLINSVILLE, ILLINOIS 62234-6198

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117) RS-3	ST. CLAIR	77	49
			CONTRACT NO. 76K77	
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



FILE NAME: S:\Projects\416-0015-5HY_M0#5_IL_157_3P_Petroff_to_Mad_Co_Line\Design\CADD_Sheets\0876K77-shr-curb_ramp-details.dgn

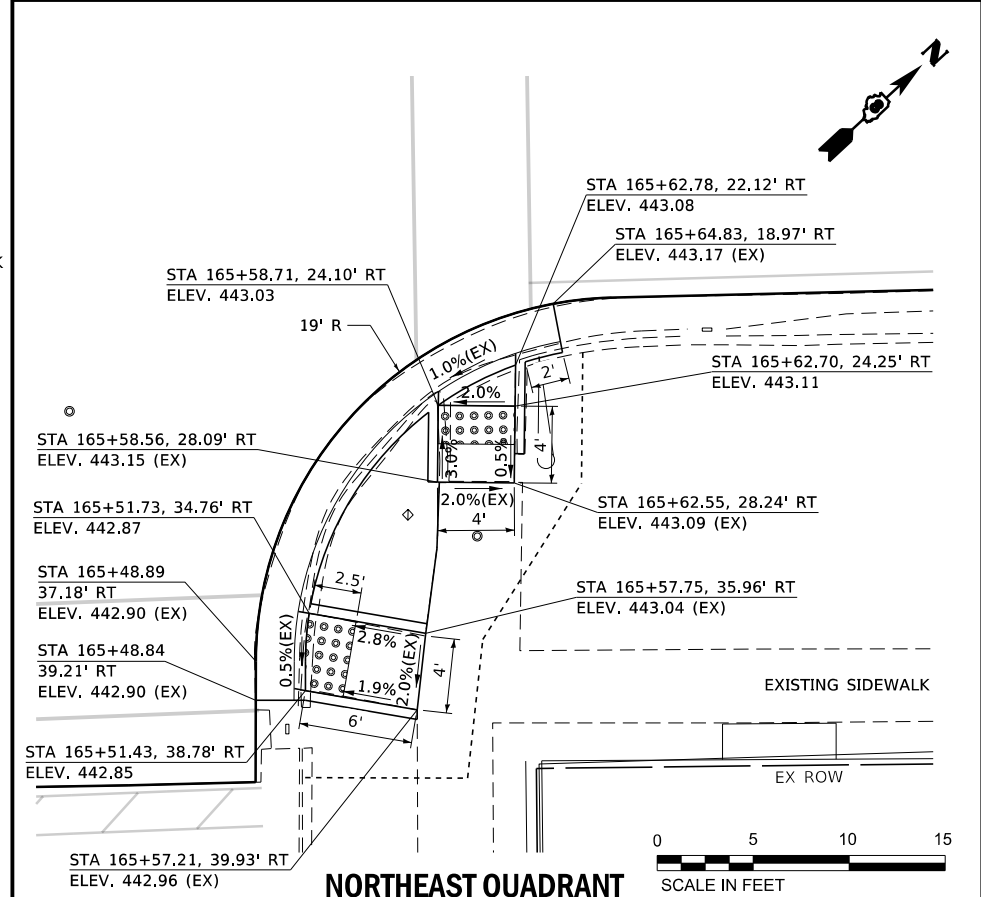
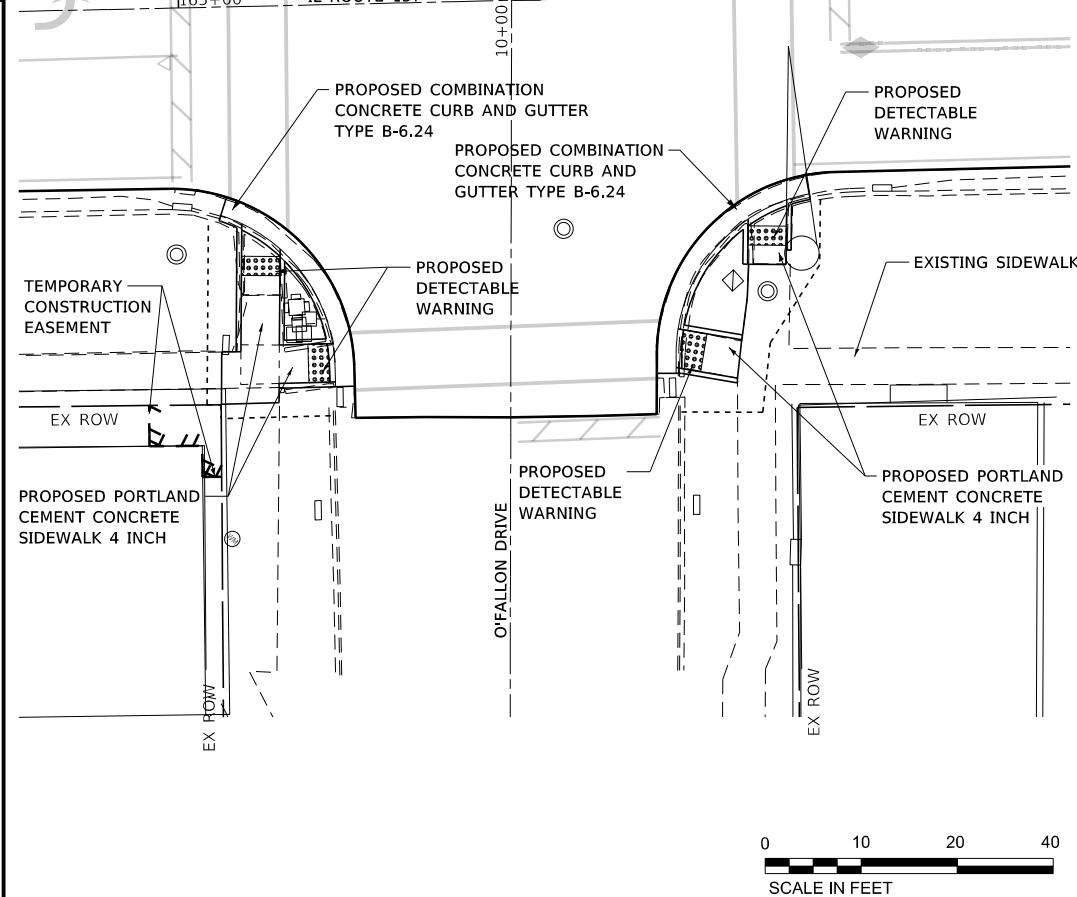
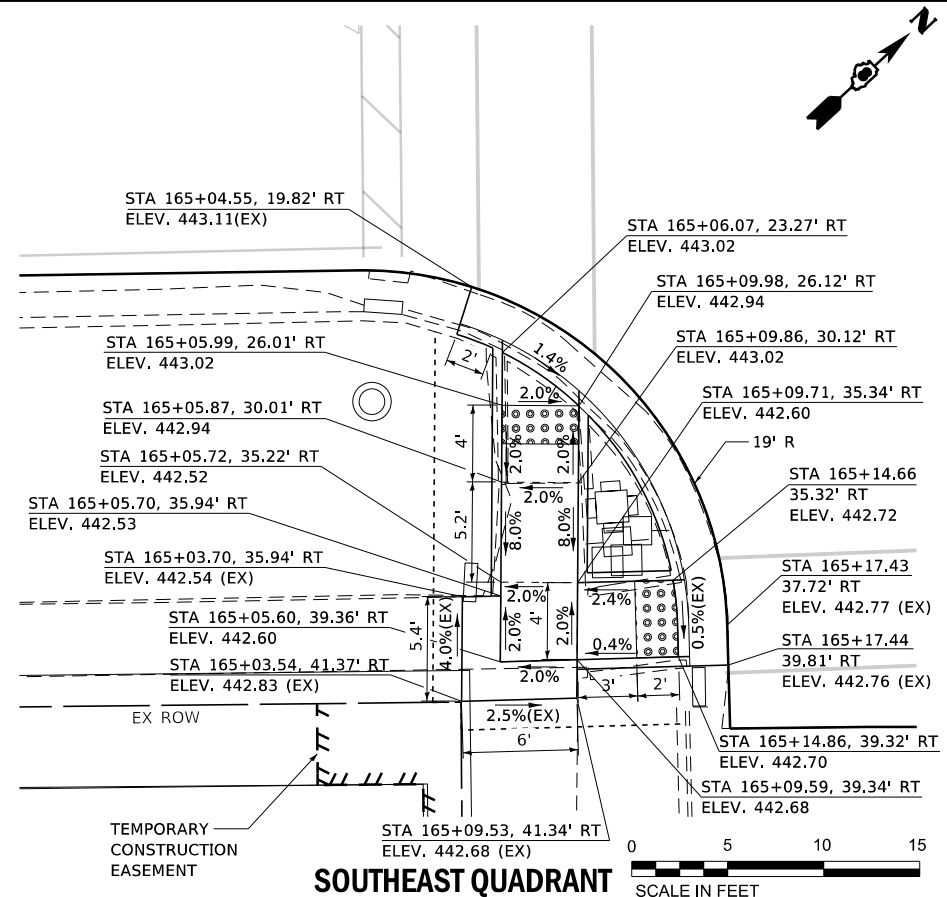
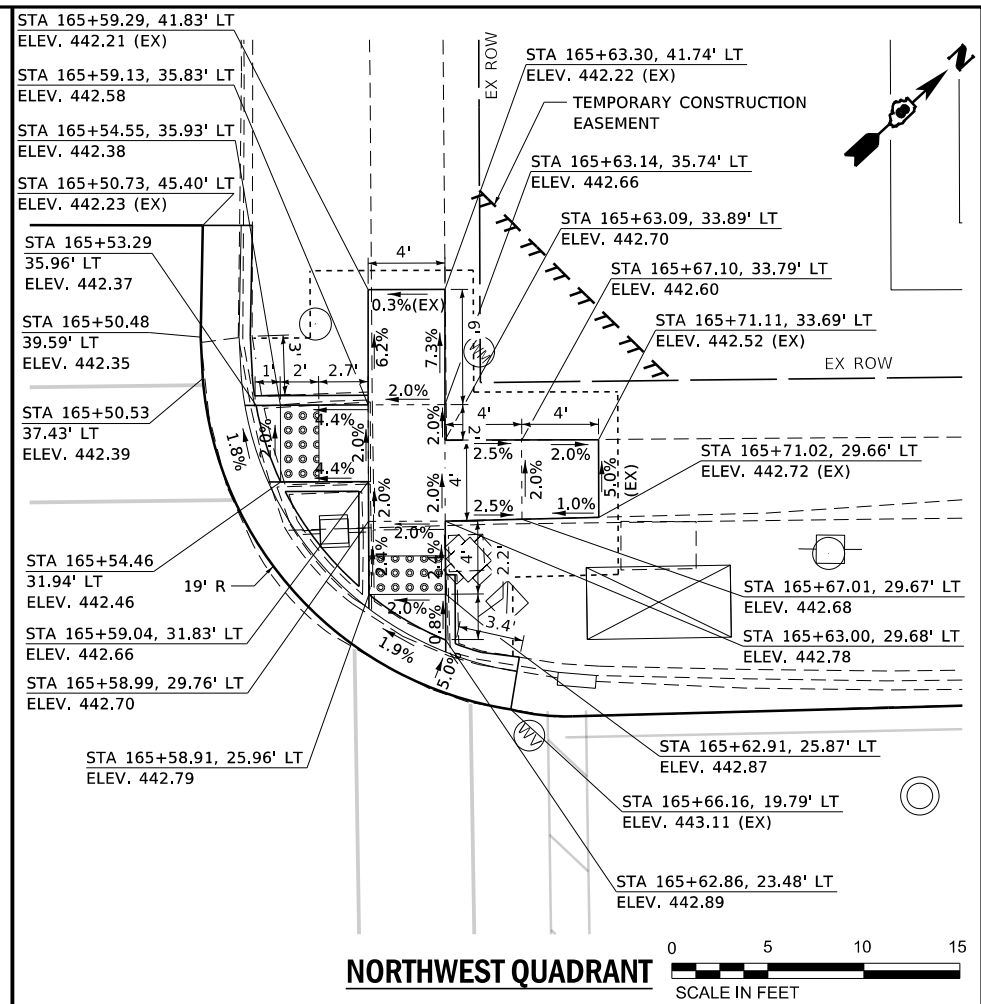
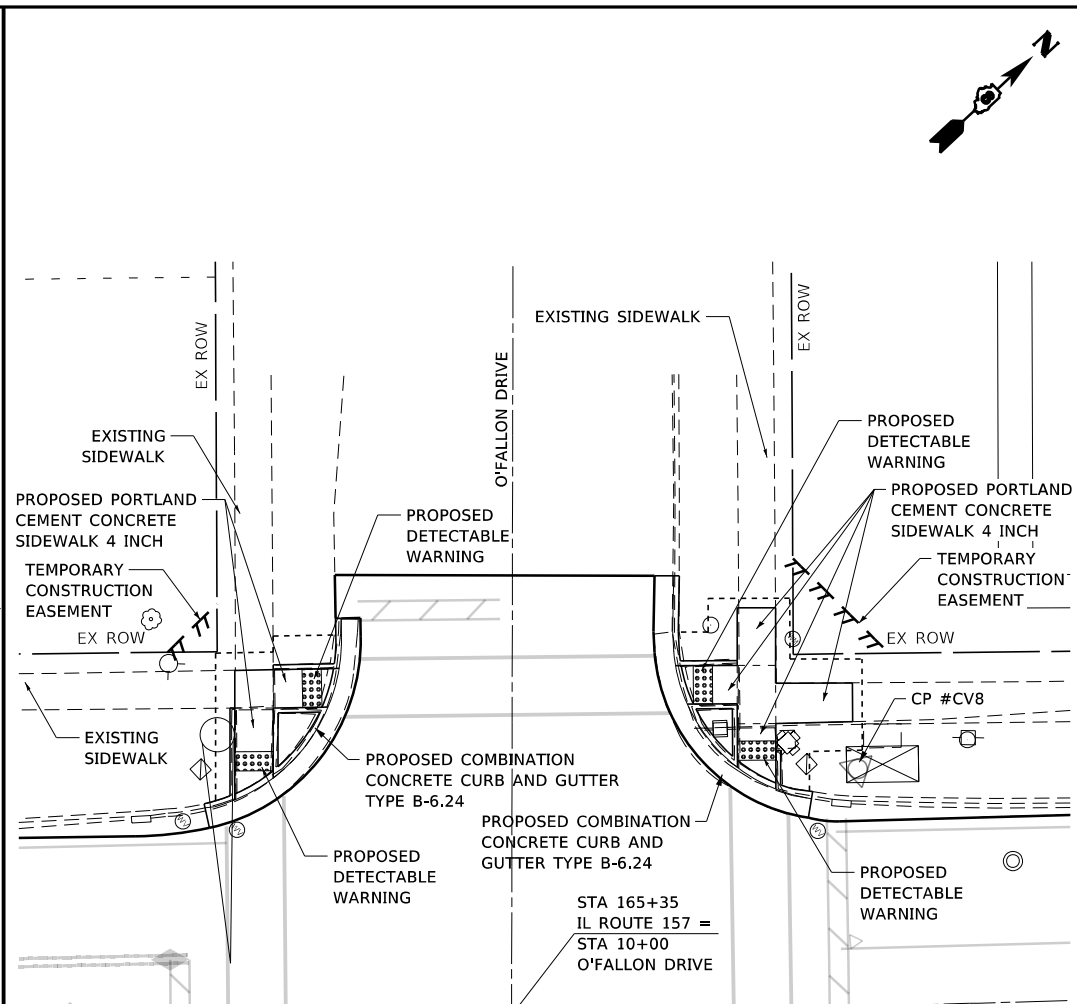
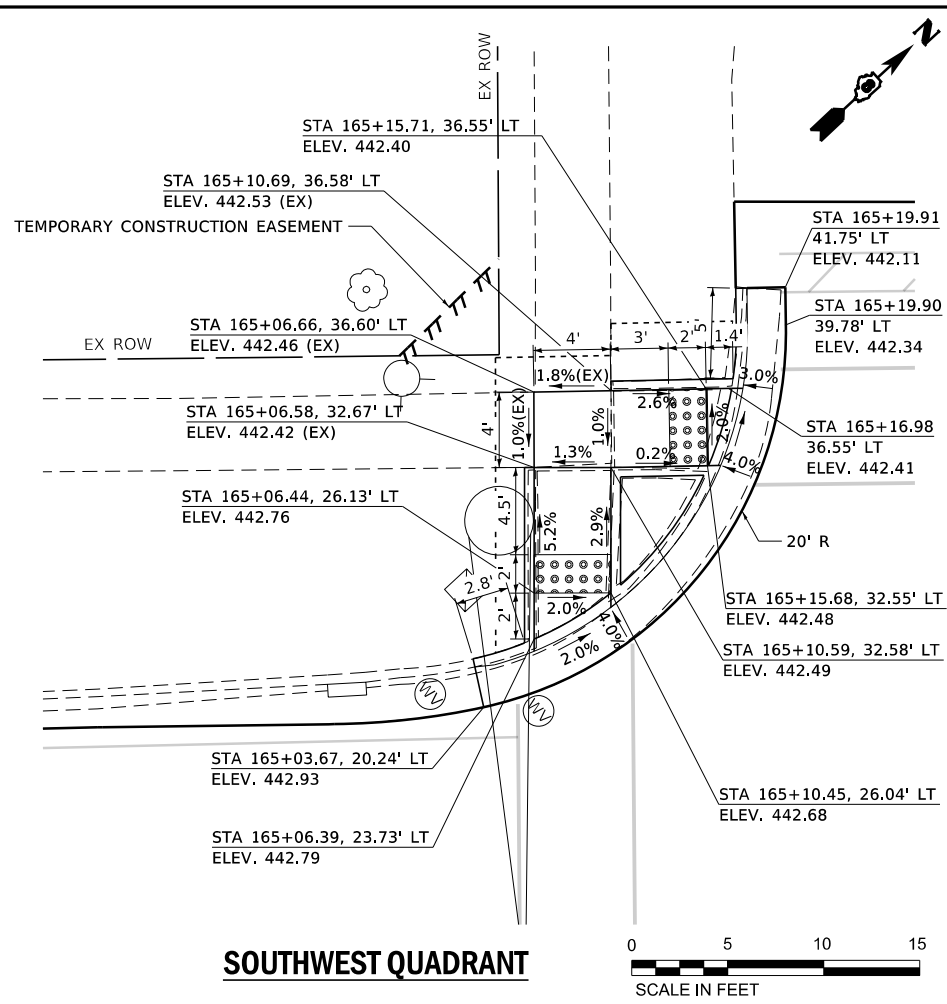


USER NAME = ewelz	DESIGNED - ACM	REVISED -
MODEL NAME = 1-MH	DRAWN - PDB	REVISED -
PLOT SCALE = 20,0000' / in.	CHECKED - ESW	REVISED -
PLOT DATE = 1/25/2018	DATE - 12/1/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP ROUTE 592 (IL ROUTE 157)
CURB RAMP DETAILS - HILL ROAD
SCALE: 1"=10'
SHEET 1 OF 3 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117)RS-3	ST CLAIR	77	50
CONTRACT NO. 76K77				
ILLINOIS FED. AID PROJECT NHP-17X0 (370)				



FILE NAME: S:\Projects\416-0015-5HY_M05_IL_157_3P_Petroff_to_Mad_Co_Line\Design\CADD_Sheets\0876K77-shr-curb_ramp-detail.dgn
 USER: ewetz
 MODEL: 5-E, Ofallon
 PLOT SCALE: 20,0000" / 1" / in.
 PLOT DATE: 12/25/2018



USER NAME = ewetz	DESIGNED - ACM	REVISED -
MODEL NAME = 5-E, Ofallon	DRAWN - PDB	REVISED -
PLOT SCALE = 20,0000" / 1" / in.	CHECKED - ESW	REVISED -
PLOT DATE = 12/25/2018	DATE - 12/1/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP ROUTE 592 (IL ROUTE 157)
CURB RAMP DETAILS - O'FALLON DRIVE**

SCALE: 1"=10' SHEET 3 OF 3 SHEETS

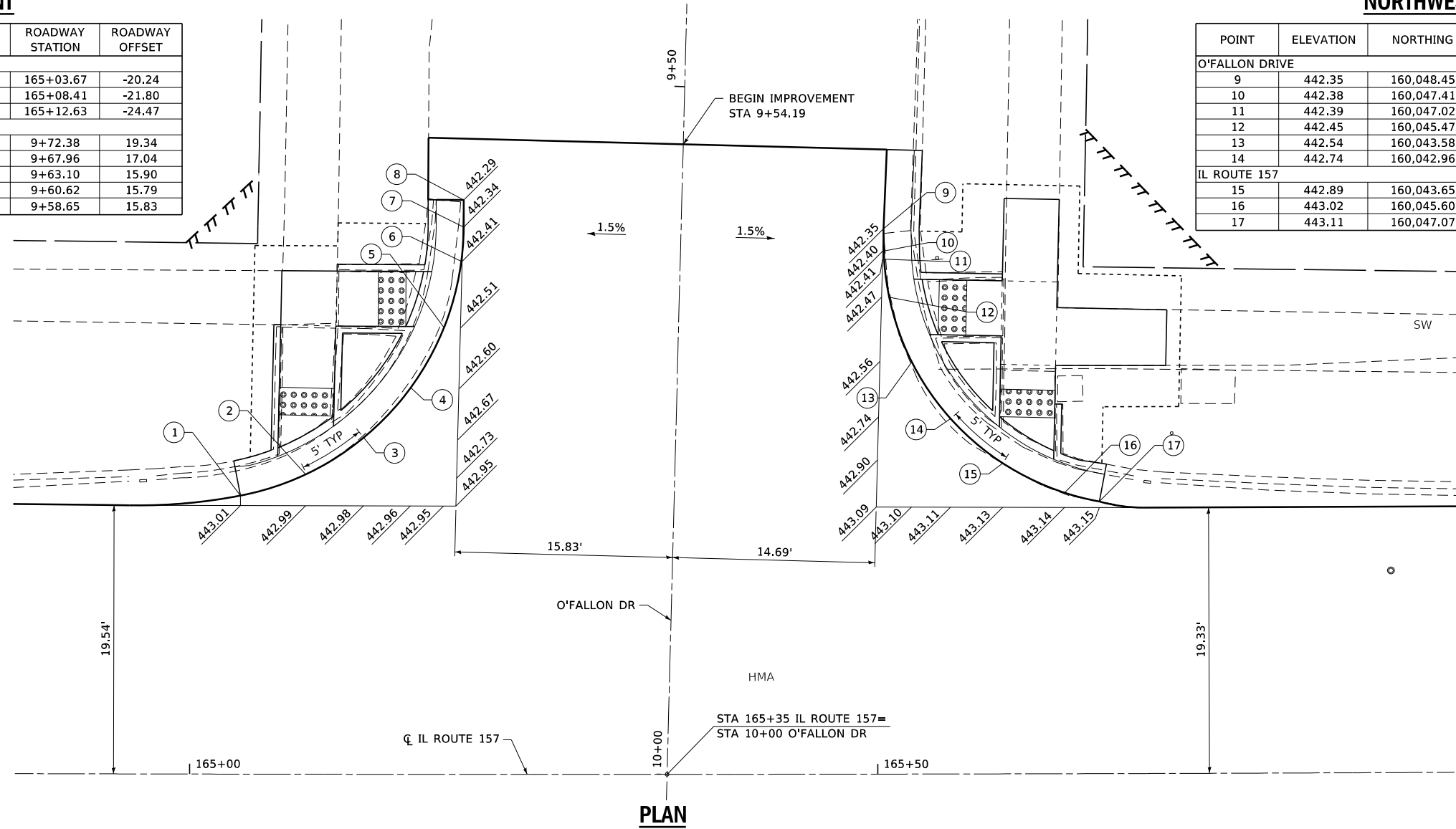
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117)RS-3	ST CLAIR	77	52
CONTRACT NO. 76K77				
ILLINOIS FED. AID PROJECT NHPP-W1X0 (370)				

SOUTHWEST QUADRANT

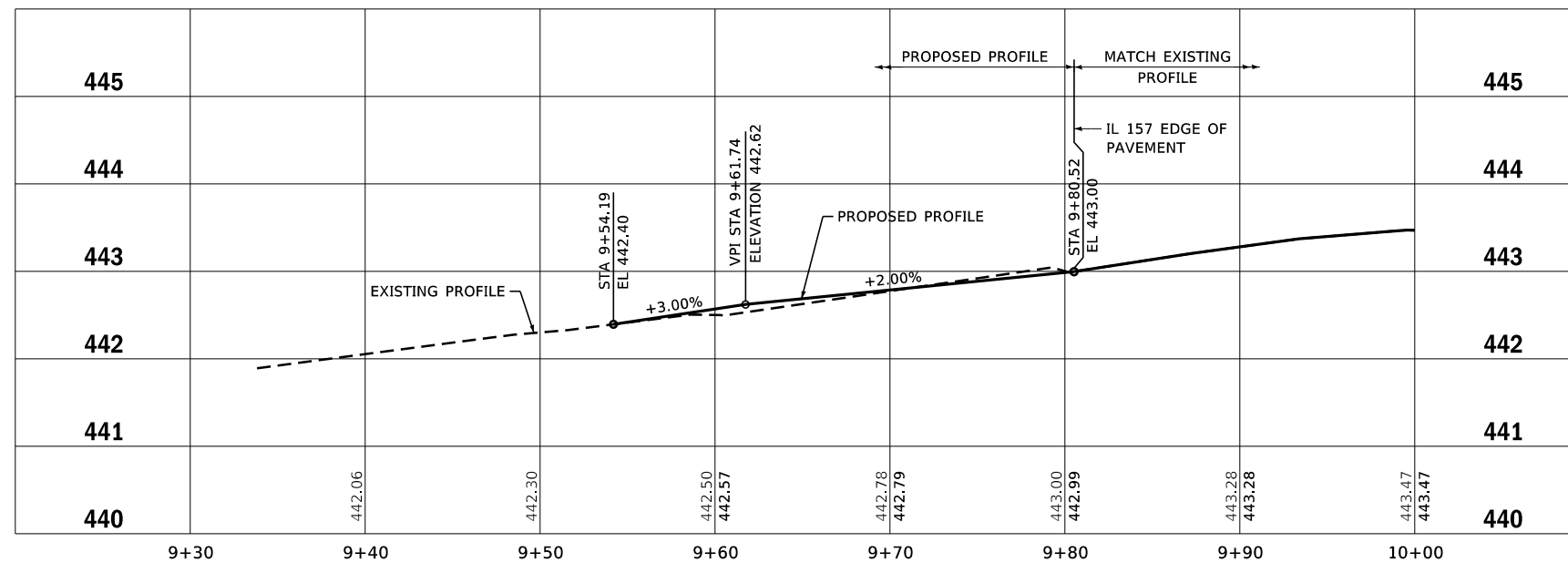
POINT	ELEVATION	NORTHING	EASTING	ROADWAY STATION	ROADWAY OFFSET
IL ROUTE 157					
1	442.94	160,000.61	74,907.50	165+03.67	-20.24
2	442.82	160,005.18	74,909.48	165+08.41	-21.80
3	442.71	160,010.11	74,910.27	165+12.63	-24.47
O'FALLON DRIVE					
4	442.59	160,015.07	74,909.82	9+72.38	19.34
5	442.50	160,019.77	74,908.15	9+67.96	17.04
6	442.41	160,023.91	74,905.37	9+63.10	15.90
7	442.34	160,025.69	74,903.62	9+60.62	15.79
8	442.29	160,027.00	74,902.16	9+58.65	15.83

NORTHWEST QUADRANT

POINT	ELEVATION	NORTHING	EASTING	ROADWAY STATION	ROADWAY OFFSET
O'FALLON DRIVE					
9	442.35	160,048.45	74,923.92	9+59.96	-14.70
10	442.38	160,047.41	74,925.16	9+61.57	-14.78
11	442.39	160,047.02	74,925.61	9+62.17	-14.81
12	442.45	160,045.47	74,927.93	9+64.92	-15.24
13	442.54	160,043.58	74,932.54	9+69.58	-17.01
14	442.74	160,042.96	74,937.49	9+73.63	-19.93
IL ROUTE 157					
15	442.89	160,043.65	74,942.43	165+59.13	-22.58
16	443.02	160,045.60	74,947.01	165+63.63	-20.42
17	443.11	160,047.07	74,949.16	165+66.16	-19.79



PLAN



O'FALLON DRIVE PROFILE



FILE NAME: S:\Projects\416-20015-5HY_M0+5_IL_157_3P_Petroff to Mod Co Line\Design\CADD_Sheets\0876K77-shr-details-28.dgn



USER NAME = ewelz	DESIGNED - ACM	REVISED -
MODEL NAME = DTL-CR	DRAWN - PDB	REVISED -
PLOT SCALE = 10,0000' / in.	CHECKED - ESW	REVISED -
PLOT DATE = 1/25/2018	DATE - 12/1/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP ROUTE 592 (IL ROUTE 157)
INTERSECTION DETAILS - O'FALLON DRIVE**

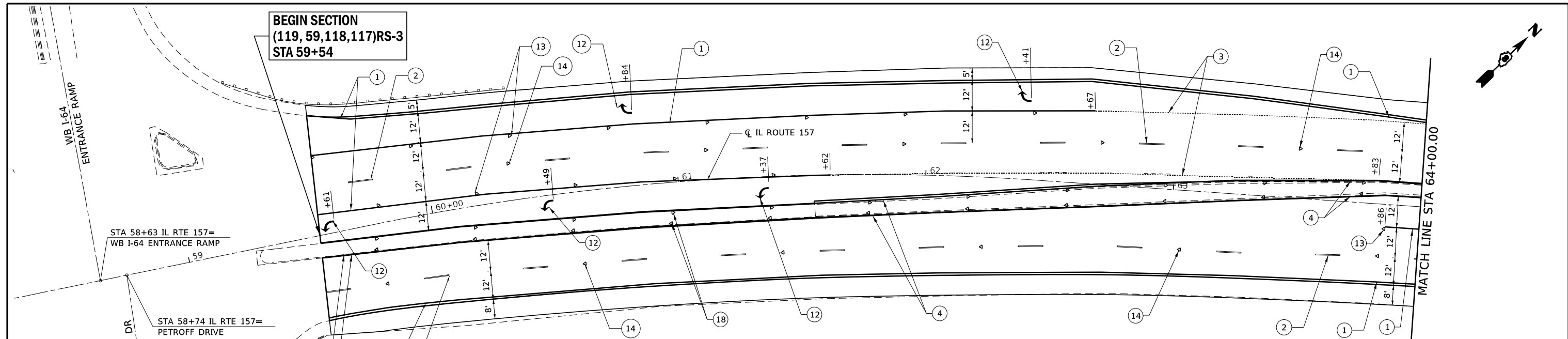
SCALE: 1"=5' SHEET 1 OF 1 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117)RS-3	ST CLAIR	77	53
CONTRACT NO. 76K77				

ILLINOIS FED. AID PROJECT NHPP-WTX0 (370)

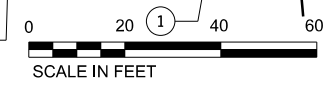
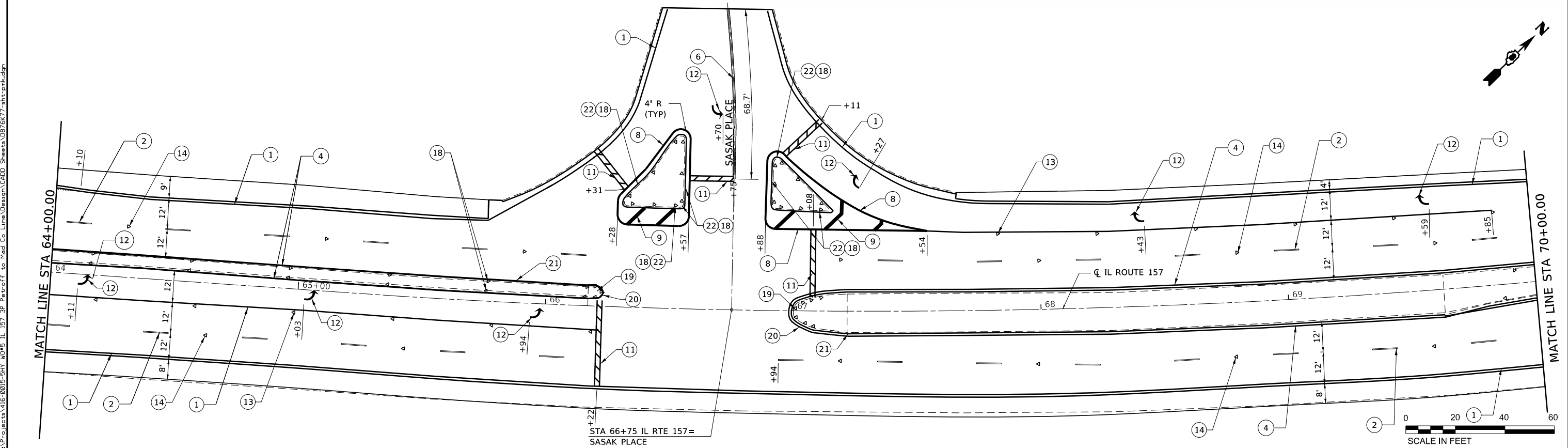
FILE NAME: S:\Projects\416-0015-5HY_M05_IL_157_3P_Petroff to Mod Co Line\Design\CADD_Sheets\0876K77-sht-pmk.dgn

BEGIN SECTION
(119, 59, 118, 117)RS-3
STA 59+54



LEGEND

- | | |
|--|--|
| ① PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", SOLID WHITE | ⑫ PROPOSED THERMOPLASTIC PAVEMENT LETTERS AND SYMBOLS |
| ② PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", SKIP-DASH WHITE | ⑬ PROPOSED ONE-WAY CRYSTAL RAISED REFLECTIVE PAVEMENT MARKERS, 40' CENTERS |
| ③ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", DOTTED WHITE | ⑭ PROPOSED ONE-WAY CRYSTAL RAISED REFLECTIVE PAVEMENT MARKERS, 80' CENTERS |
| ④ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", SOLID YELLOW | ⑮ PROPOSED ONE-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKERS, 40' CENTERS |
| ⑤ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", SKIP-DASH YELLOW | ⑯ PROPOSED TWO-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKERS, 40' CENTERS |
| ⑥ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", DOUBLE YELLOW | ⑰ PROPOSED TWO-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKERS, 80' CENTERS |
| ⑦ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 6", SOLID WHITE | ⑱ PROPOSED CURB REFLECTORS, 40' CENTERS (3 PER SIDE MIN.) |
| ⑧ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 8", SOLID WHITE | ⑲ PROPOSED CURB REFLECTORS, 2' CENTERS |
| ⑨ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 12", SOLID WHITE | ⑳ PROPOSED PAINT PAVEMENT MARKING - RAISED MEDIAN, YELLOW |
| ⑩ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 12", SOLID YELLOW | ㉑ PROPOSED PAINT PAVEMENT MARKING CURB, YELLOW |
| ⑪ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 24", SOLID WHITE | ㉒ PROPOSED PAINT PAVEMENT MARKING CURB, WHITE |



USER NAME = ewelz	DESIGNED - ACM	REVISED -
MODEL NAME = PMK-1	DRAWN - PDB	REVISED -
PLOT SCALE = 40,0000' / 1in.	CHECKED - ESW	REVISED -
PLOT DATE = 1/25/2018	DATE - 12/1/2017	REVISED -

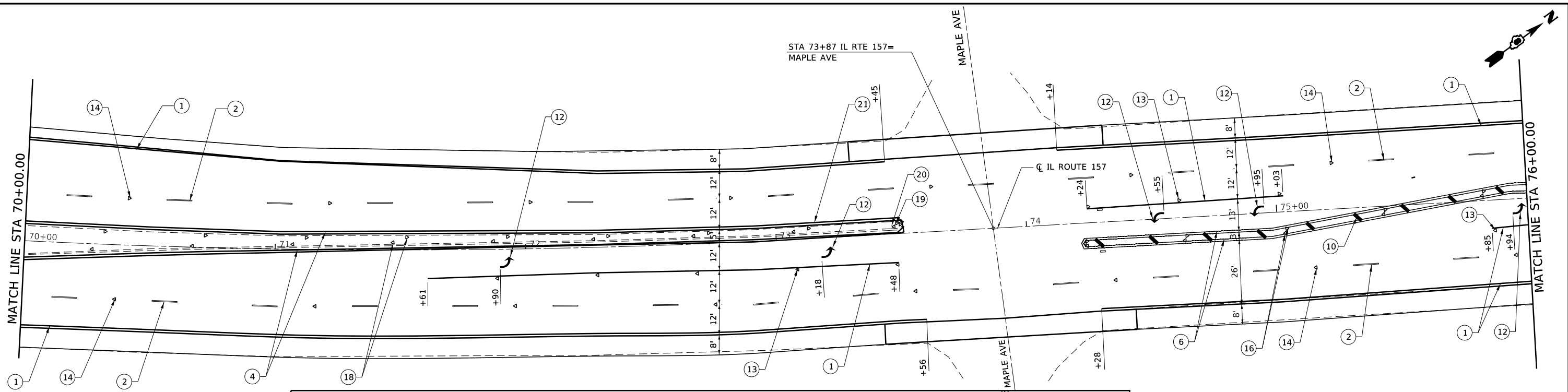
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP ROUTE 592 (IL ROUTE 157)
PAVEMENT MARKING AND SIGNING SHEET

SCALE: 1"=20' SHEET 1 OF 11 SHEETS STA 59+00.00 TO STA 70+00.00

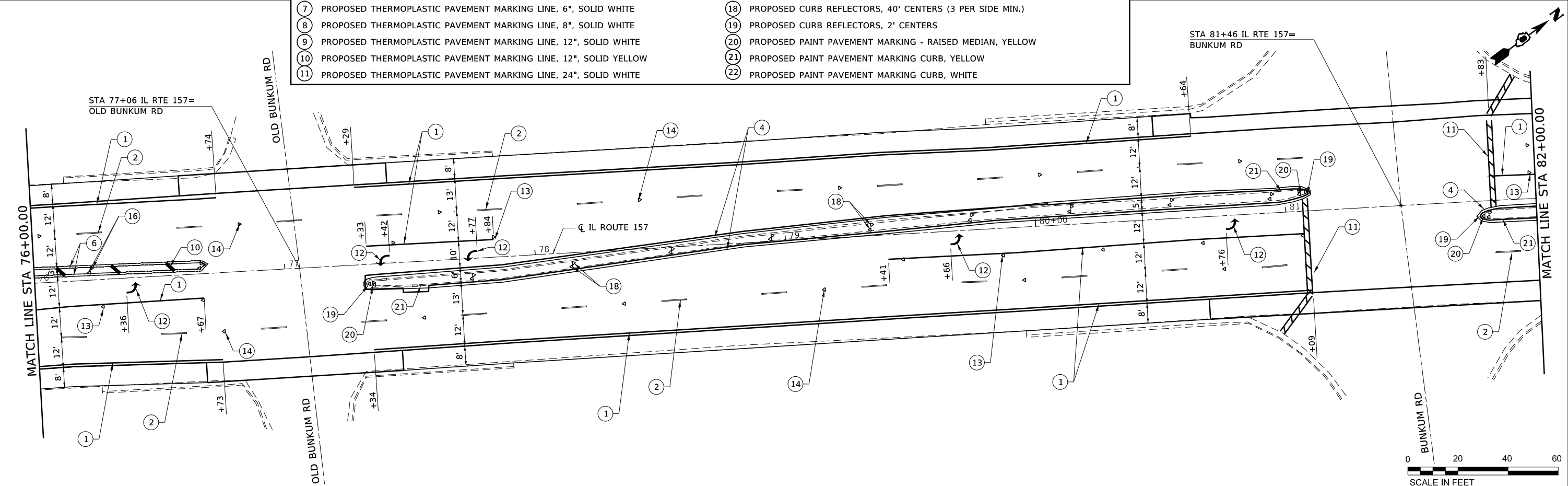
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117)RS-3	ST CLAIR	77	54
CONTRACT NO. 76K77				
ILLINOIS FED. AID PROJECT NHPP-W1X0 (370)				

FILE NAME: S:\Projects\416-0015-5HY_M05_IL_157_3P_Petroff_to_Mad_Co_Line\Design\CADD_Sheets\0876K77-sht-pmk.dgn



LEGEND

① PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", SOLID WHITE	⑫ PROPOSED THERMOPLASTIC PAVEMENT LETTERS AND SYMBOLS
② PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", SKIP-DASH WHITE	⑬ PROPOSED ONE-WAY CRYSTAL RAISED REFLECTIVE PAVEMENT MARKERS, 40' CENTERS
③ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", DOTTED WHITE	⑭ PROPOSED ONE-WAY CRYSTAL RAISED REFLECTIVE PAVEMENT MARKERS, 80' CENTERS
④ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", SOLID YELLOW	⑮ PROPOSED ONE-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKERS, 40' CENTERS
⑤ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", SKIP-DASH YELLOW	⑯ PROPOSED TWO-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKERS, 40' CENTERS
⑥ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", DOUBLE YELLOW	⑰ PROPOSED TWO-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKERS, 80' CENTERS
⑦ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 6", SOLID WHITE	⑱ PROPOSED CURB REFLECTORS, 40' CENTERS (3 PER SIDE MIN.)
⑧ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 8", SOLID WHITE	⑲ PROPOSED CURB REFLECTORS, 2' CENTERS
⑨ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 12", SOLID WHITE	⑳ PROPOSED PAINT PAVEMENT MARKING - RAISED MEDIAN, YELLOW
⑩ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 12", SOLID YELLOW	㉑ PROPOSED PAINT PAVEMENT MARKING CURB, YELLOW
⑪ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 24", SOLID WHITE	㉒ PROPOSED PAINT PAVEMENT MARKING CURB, WHITE



USER NAME = ewelz	DESIGNED - ACM	REVISED -
MODEL NAME = PMK-2	DRAWN - PDB	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - ESW	REVISED -
PLOT DATE = 1/25/2018	DATE - 12/1/2017	REVISED -

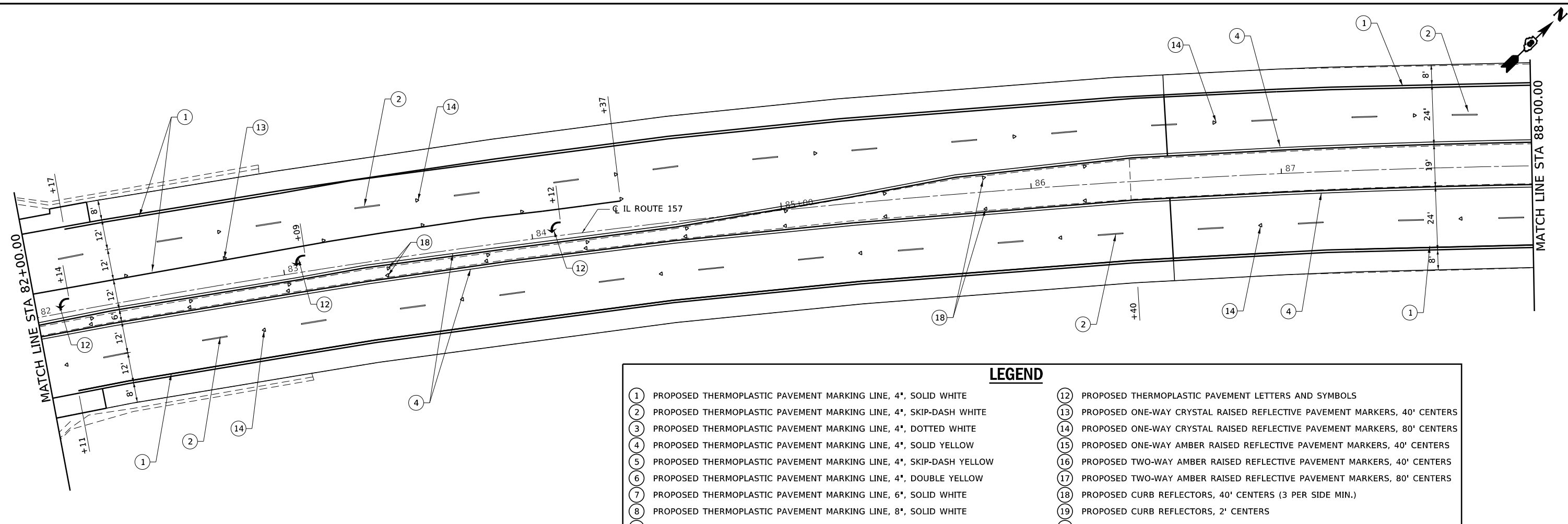
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP ROUTE 592 (IL ROUTE 157)
PAVEMENT MARKING AND SIGNING SHEET**

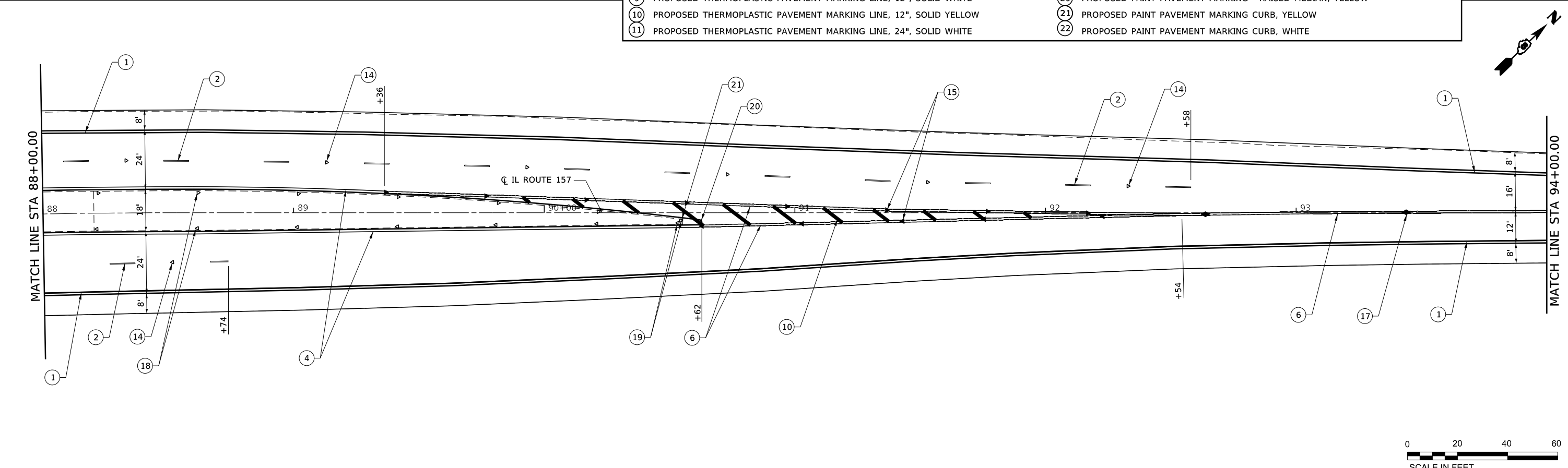
SCALE: 1"=20' SHEET 2 OF 11 SHEETS STA 70+00.00 TO STA 82+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117)RS-3	ST CLAIR	77	55
				CONTRACT NO. 76K77
ILLINOIS FED. AID PROJECT NHPP-W1X0 (370)				

FILE NAME: S:\Projects\416-0015-5HY_M0#5_IL_157_3P_Petroff to Mad Co Line\Design\CADD_Sheets\0876K77-sht-pmk.dgn



LEGEND			
①	PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", SOLID WHITE	⑫	PROPOSED THERMOPLASTIC PAVEMENT LETTERS AND SYMBOLS
②	PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", SKIP-DASH WHITE	⑬	PROPOSED ONE-WAY CRYSTAL RAISED REFLECTIVE PAVEMENT MARKERS, 40' CENTERS
③	PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", DOTTED WHITE	⑭	PROPOSED ONE-WAY CRYSTAL RAISED REFLECTIVE PAVEMENT MARKERS, 80' CENTERS
④	PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", SOLID YELLOW	⑮	PROPOSED ONE-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKERS, 40' CENTERS
⑤	PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", SKIP-DASH YELLOW	⑯	PROPOSED TWO-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKERS, 40' CENTERS
⑥	PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", DOUBLE YELLOW	⑰	PROPOSED TWO-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKERS, 80' CENTERS
⑦	PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 6", SOLID WHITE	⑱	PROPOSED CURB REFLECTORS, 40' CENTERS (3 PER SIDE MIN.)
⑧	PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 8", SOLID WHITE	⑲	PROPOSED CURB REFLECTORS, 2' CENTERS
⑨	PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 12", SOLID WHITE	⑳	PROPOSED PAINT PAVEMENT MARKING - RAISED MEDIAN, YELLOW
⑩	PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 12", SOLID YELLOW	㉑	PROPOSED PAINT PAVEMENT MARKING CURB, YELLOW
⑪	PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 24", SOLID WHITE	㉒	PROPOSED PAINT PAVEMENT MARKING CURB, WHITE

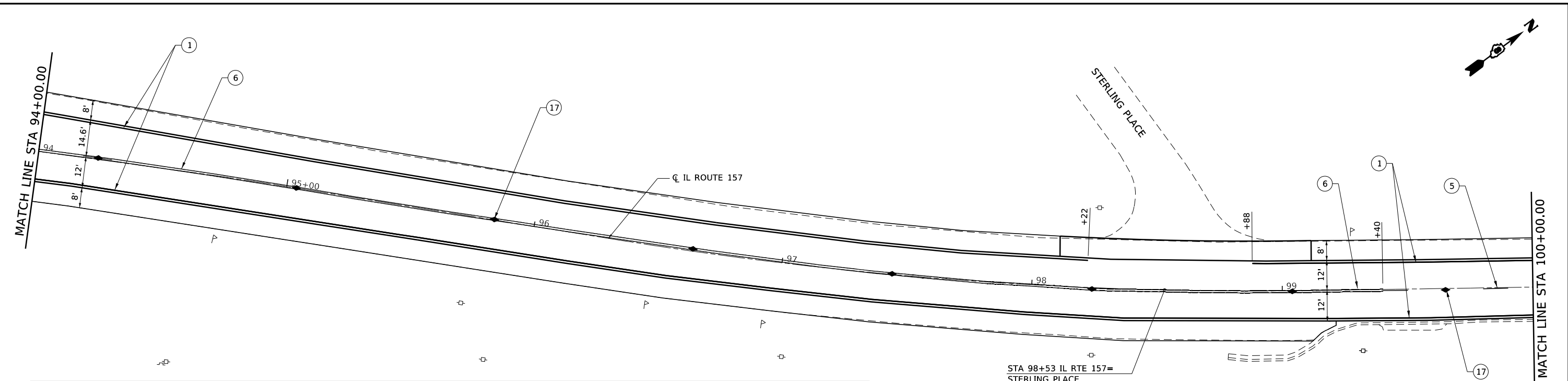
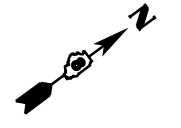


USER NAME = ewelz	DESIGNED - ACM	REVISED -
MODEL NAME = PMK-3	DRAWN - PDB	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - ESW	REVISED -
PLOT DATE = 1/25/2018	DATE - 12/1/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP ROUTE 592 (IL ROUTE 157)
PAVEMENT MARKING AND SIGNING SHEET
SCALE: 1"=20' SHEET 3 OF 11 SHEETS STA 82+00.00 TO STA 94+00.00

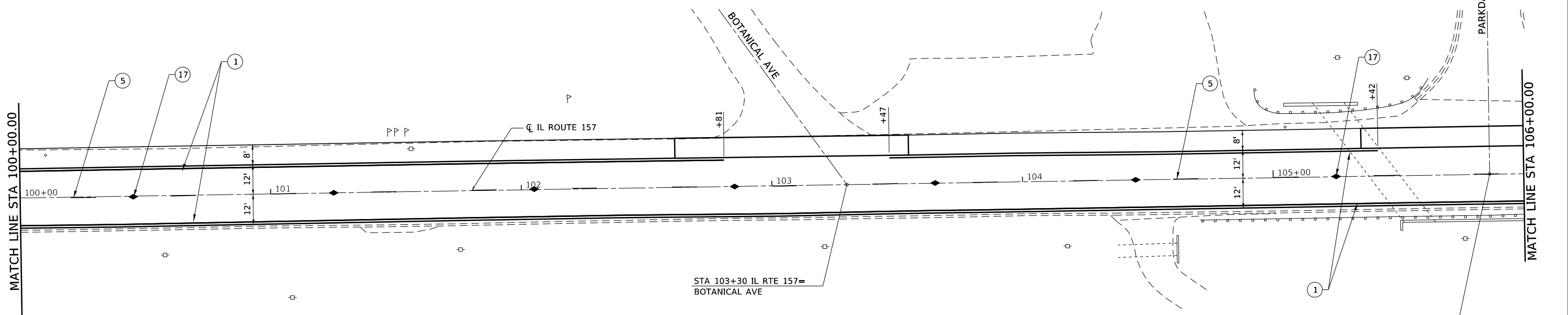
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117)RS-3	ST CLAIR	77	56
CONTRACT NO. 76K77				
ILLINOIS FED. AID PROJECT NHP-PP-WTX0 (370)				



STA 98+53 IL RTE 157=
STERLING PLACE

LEGEND

- | | |
|--|--|
| ① PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", SOLID WHITE | ⑫ PROPOSED THERMOPLASTIC PAVEMENT LETTERS AND SYMBOLS |
| ② PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", SKIP-DASH WHITE | ⑬ PROPOSED ONE-WAY CRYSTAL RAISED REFLECTIVE PAVEMENT MARKERS, 40' CENTERS |
| ③ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", DOTTED WHITE | ⑭ PROPOSED ONE-WAY CRYSTAL RAISED REFLECTIVE PAVEMENT MARKERS, 80' CENTERS |
| ④ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", SOLID YELLOW | ⑮ PROPOSED ONE-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKERS, 40' CENTERS |
| ⑤ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", SKIP-DASH YELLOW | ⑯ PROPOSED TWO-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKERS, 40' CENTERS |
| ⑥ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", DOUBLE YELLOW | ⑰ PROPOSED TWO-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKERS, 80' CENTERS |
| ⑦ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 6", SOLID WHITE | ⑱ PROPOSED CURB REFLECTORS, 40' CENTERS (3 PER SIDE MIN.) |
| ⑧ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 8", SOLID WHITE | ⑲ PROPOSED CURB REFLECTORS, 2' CENTERS |
| ⑨ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 12", SOLID WHITE | ⑳ PROPOSED PAINT PAVEMENT MARKING - RAISED MEDIAN, YELLOW |
| ⑩ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 12", SOLID YELLOW | ㉑ PROPOSED PAINT PAVEMENT MARKING CURB, YELLOW |
| ⑪ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 24", SOLID WHITE | ㉒ PROPOSED PAINT PAVEMENT MARKING CURB, WHITE |



STA 103+30 IL RTE 157=
BOTANICAL AVE

STA 105+86 IL RTE 157=
PARKDALE DR



FILE NAME: S:\Projects\416-0015-5HY_M05_IL_157_3P_Petroff to Mod Co Line\Design\CADD_Sheets\0876K77-sht-pmk.dgn



USER NAME = ewelz	DESIGNED - ACM	REVISED -
MODEL NAME = PMK-4	DRAWN - PDB	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - ESW	REVISED -
PLOT DATE = 1/25/2018	DATE - 12/1/2017	REVISED -

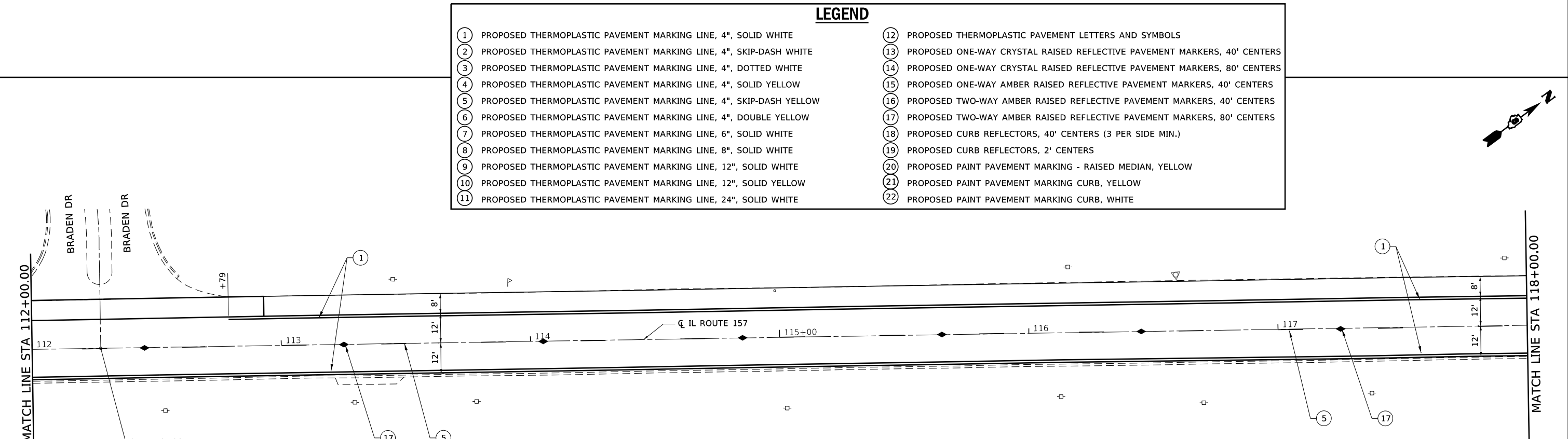
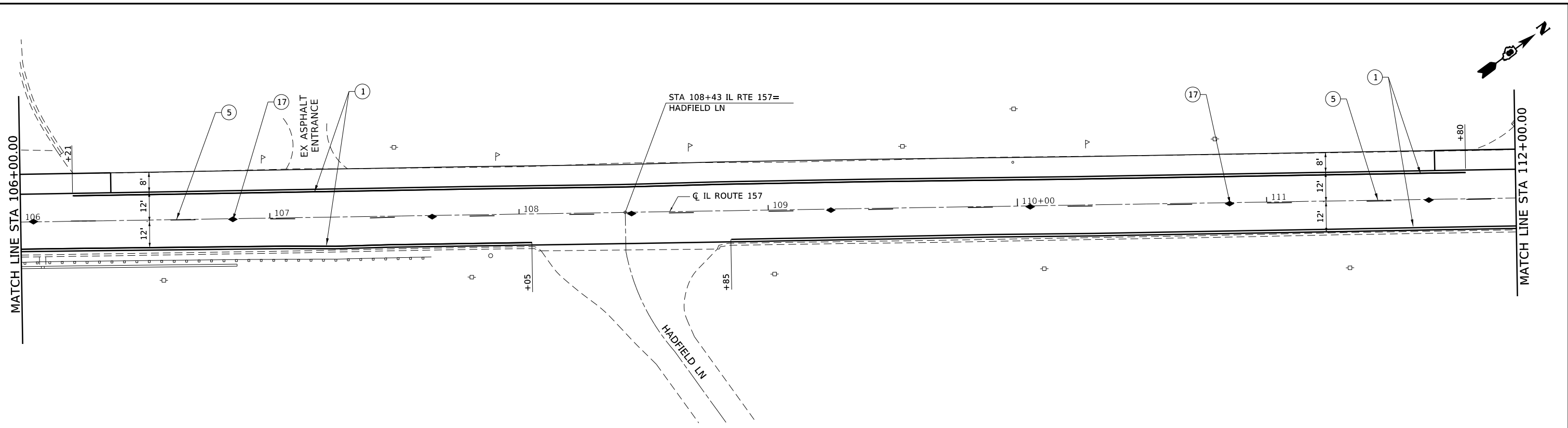
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP ROUTE 592 (IL ROUTE 157)
PAVEMENT MARKING AND SIGNING SHEET**

SCALE: 1"=20' SHEET 4 OF 11 SHEETS STA 94+00.00 TO STA 106+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117)RS-3	ST CLAIR	77	57
CONTRACT NO. 76K77				
ILLINOIS FED. AID PROJECT NHPP-W1X0 (370)				

FILE NAME: S:\Projects\416-0015-5HY MD#5 IL 157 3P Ref to Mod Co Line\Design\CADD Sheets\0876K77-sht-pmk.dgn



LEGEND	
①	PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", SOLID WHITE
②	PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", SKIP-DASH WHITE
③	PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", DOTTED WHITE
④	PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", SOLID YELLOW
⑤	PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", SKIP-DASH YELLOW
⑥	PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", DOUBLE YELLOW
⑦	PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 6", SOLID WHITE
⑧	PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 8", SOLID WHITE
⑨	PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 12", SOLID WHITE
⑩	PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 12", SOLID YELLOW
⑪	PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 24", SOLID WHITE
⑫	PROPOSED THERMOPLASTIC PAVEMENT LETTERS AND SYMBOLS
⑬	PROPOSED ONE-WAY CRYSTAL RAISED REFLECTIVE PAVEMENT MARKERS, 40' CENTERS
⑭	PROPOSED ONE-WAY CRYSTAL RAISED REFLECTIVE PAVEMENT MARKERS, 80' CENTERS
⑮	PROPOSED ONE-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKERS, 40' CENTERS
⑯	PROPOSED TWO-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKERS, 40' CENTERS
⑰	PROPOSED TWO-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKERS, 80' CENTERS
⑱	PROPOSED CURB REFLECTORS, 40' CENTERS (3 PER SIDE MIN.)
⑲	PROPOSED CURB REFLECTORS, 2' CENTERS
⑳	PROPOSED PAINT PAVEMENT MARKING - RAISED MEDIAN, YELLOW
㉑	PROPOSED PAINT PAVEMENT MARKING CURB, YELLOW
㉒	PROPOSED PAINT PAVEMENT MARKING CURB, WHITE

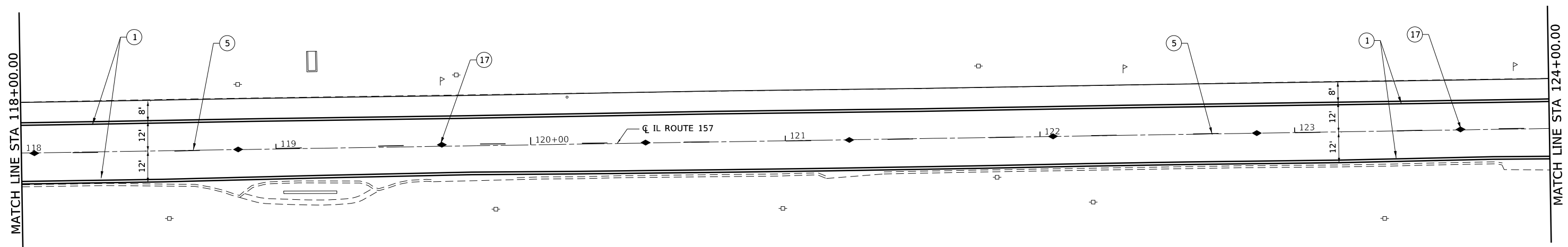
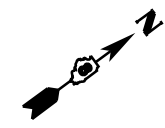


USER NAME = ewelz	DESIGNED - ACM	REVISED -
MODEL NAME = PMK-5	DRAWN - PDB	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - ESW	REVISED -
PLOT DATE = 1/25/2018	DATE - 12/1/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

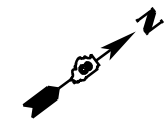
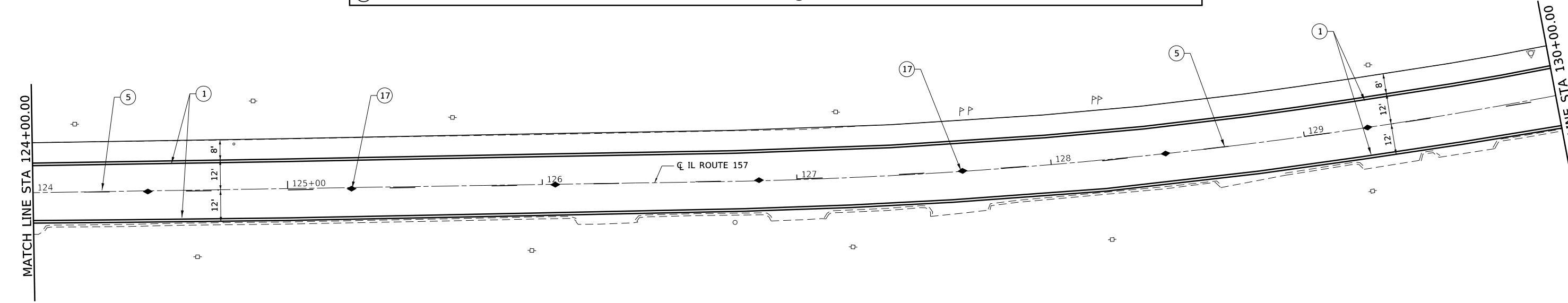
FAP ROUTE 592 (IL ROUTE 157)
PAVEMENT MARKING AND SIGNING SHEET
SCALE: 1"=20' SHEET 5 OF 11 SHEETS STA 106+00.00 TO STA 118+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117)RS-3	ST CLAIR	77	58
CONTRACT NO. 76K77				
ILLINOIS FED. AID PROJECT NHPP-W1X0 (370)				



LEGEND

① PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", SOLID WHITE	⑫ PROPOSED THERMOPLASTIC PAVEMENT LETTERS AND SYMBOLS
② PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", SKIP-DASH WHITE	⑬ PROPOSED ONE-WAY CRYSTAL RAISED REFLECTIVE PAVEMENT MARKERS, 40' CENTERS
③ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", DOTTED WHITE	⑭ PROPOSED ONE-WAY CRYSTAL RAISED REFLECTIVE PAVEMENT MARKERS, 80' CENTERS
④ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", SOLID YELLOW	⑮ PROPOSED ONE-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKERS, 40' CENTERS
⑤ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", SKIP-DASH YELLOW	⑯ PROPOSED TWO-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKERS, 40' CENTERS
⑥ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", DOUBLE YELLOW	⑰ PROPOSED TWO-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKERS, 80' CENTERS
⑦ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 6", SOLID WHITE	⑱ PROPOSED CURB REFLECTORS, 40' CENTERS (3 PER SIDE MIN.)
⑧ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 8", SOLID WHITE	⑲ PROPOSED CURB REFLECTORS, 2' CENTERS
⑨ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 12", SOLID WHITE	⑳ PROPOSED PAINT PAVEMENT MARKING - RAISED MEDIAN, YELLOW
⑩ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 12", SOLID YELLOW	㉑ PROPOSED PAINT PAVEMENT MARKING CURB, YELLOW
⑪ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 24", SOLID WHITE	㉒ PROPOSED PAINT PAVEMENT MARKING CURB, WHITE



FILE NAME: S:\Projects\416-0015-5HY_M0#5_IL_157_3P_Paveoff_to_Med_Co_Line\Design\CADD_Sheets\0876K77-sht-pmk.dgn

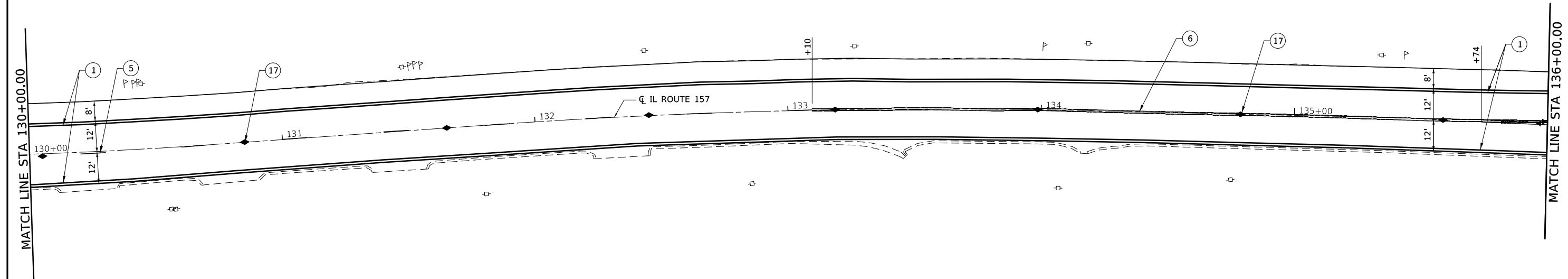
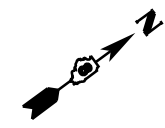


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MODEL NAME = PMK-6	DRAWN - PDB	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - ESW	REVISED -
PLOT DATE = 1/25/2018	DATE - 12/1/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

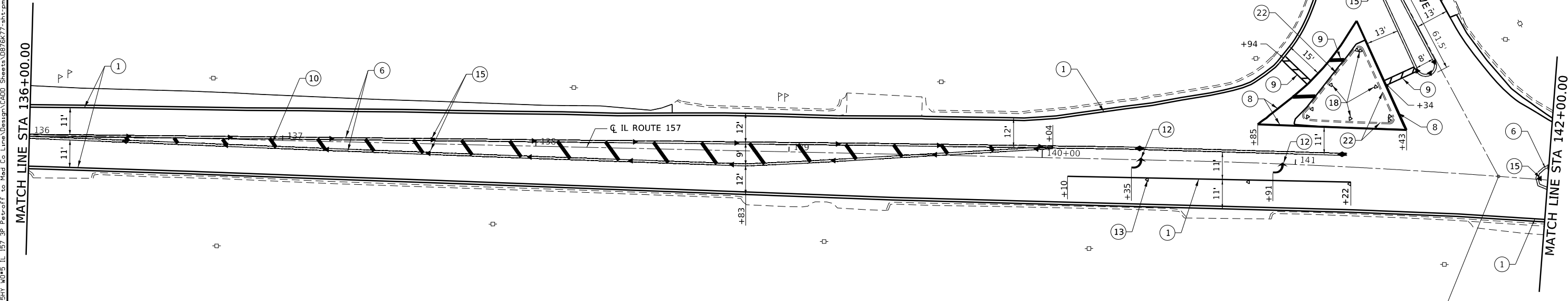
FAP ROUTE 592 (IL ROUTE 157) PAVEMENT MARKING AND SIGNING SHEET		
SCALE: 1"=20'	SHEET 6 OF 11 SHEETS	STA 118+00.00 TO STA 130+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117)RS-3	ST CLAIR	77	59
CONTRACT NO. 76K77				
ILLINOIS FED. AID PROJECT NHP-17X0 (370)				



LEGEND

① PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", SOLID WHITE	⑫ PROPOSED THERMOPLASTIC PAVEMENT LETTERS AND SYMBOLS
② PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", SKIP-DASH WHITE	⑬ PROPOSED ONE-WAY CRYSTAL RAISED REFLECTIVE PAVEMENT MARKERS, 40' CENTERS
③ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", DOTTED WHITE	⑭ PROPOSED ONE-WAY CRYSTAL RAISED REFLECTIVE PAVEMENT MARKERS, 80' CENTERS
④ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", SOLID YELLOW	⑮ PROPOSED ONE-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKERS, 40' CENTERS
⑤ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", SKIP-DASH YELLOW	⑯ PROPOSED TWO-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKERS, 40' CENTERS
⑥ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", DOUBLE YELLOW	⑰ PROPOSED TWO-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKERS, 80' CENTERS
⑦ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 6", SOLID WHITE	⑱ PROPOSED CURB REFLECTORS, 40' CENTERS (3 PER SIDE MIN.)
⑧ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 8", SOLID WHITE	⑲ PROPOSED CURB REFLECTORS, 2' CENTERS
⑨ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 12", SOLID WHITE	⑳ PROPOSED PAINT PAVEMENT MARKING - RAISED MEDIAN, YELLOW
⑩ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 12", SOLID YELLOW	㉑ PROPOSED PAINT PAVEMENT MARKING CURB, YELLOW
⑪ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 24", SOLID WHITE	㉒ PROPOSED PAINT PAVEMENT MARKING CURB, WHITE



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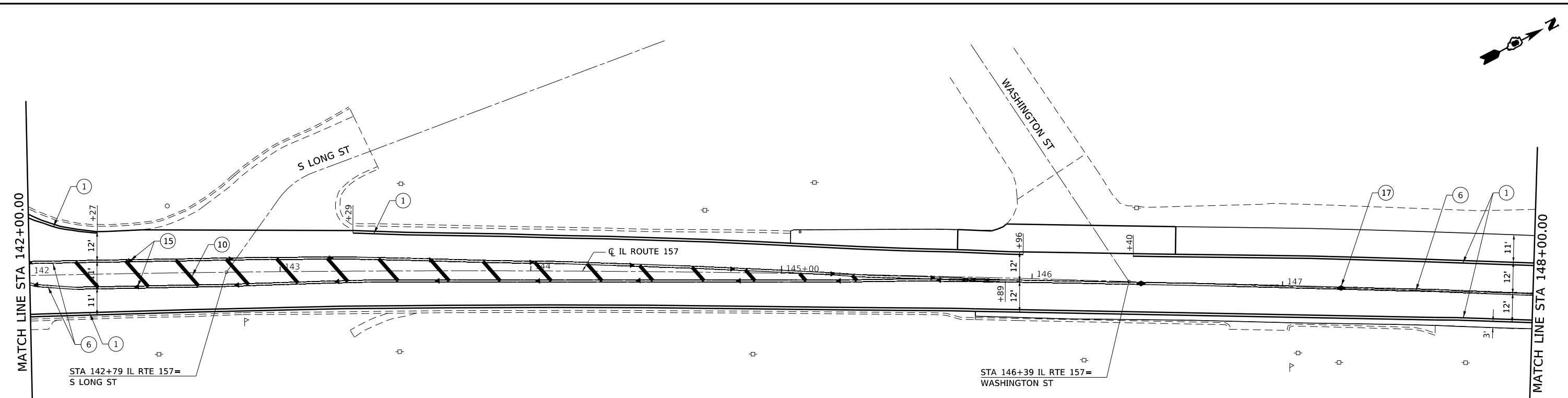
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PLOT DATE = 1/25/2018	DATE - 12/1/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

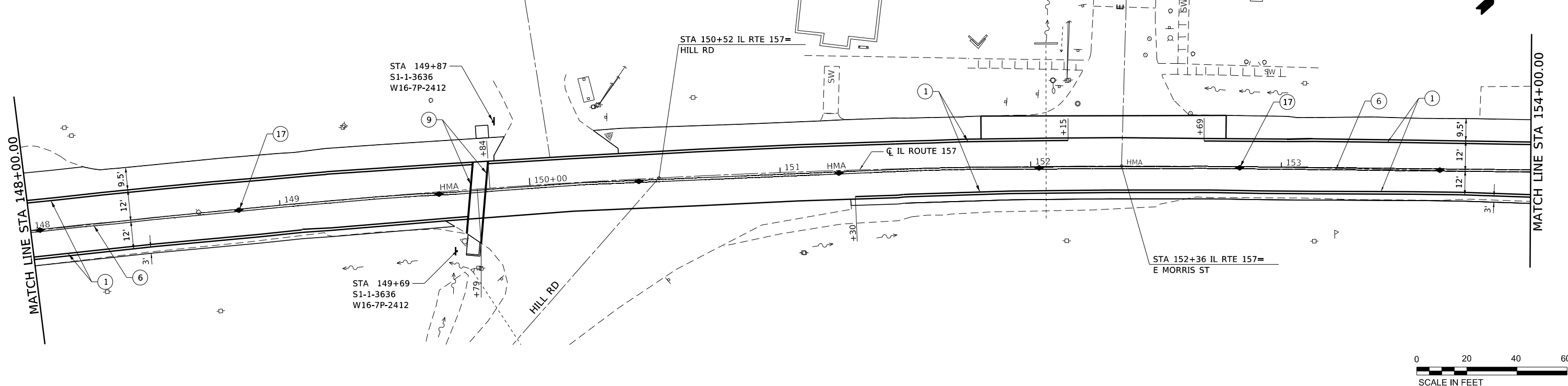
**FAP ROUTE 592 (IL ROUTE 157)
PAVEMENT MARKING AND SIGNING SHEET**

SCALE: 1"=20' SHEET 7 OF 11 SHEETS STA 130+00.00 TO STA 142+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117)RS-3	ST CLAIR	77	60
CONTRACT NO. 76K77				
ILLINOIS FED. AID PROJECT NHPP-W1X0 (370)				



LEGEND	
①	PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", SOLID WHITE
②	PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", SKIP-DASH WHITE
③	PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", DOTTED WHITE
④	PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", SOLID YELLOW
⑤	PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", SKIP-DASH YELLOW
⑥	PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", DOUBLE YELLOW
⑦	PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 6", SOLID WHITE
⑧	PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 8", SOLID WHITE
⑨	PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 12", SOLID WHITE
⑩	PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 12", SOLID YELLOW
⑪	PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 24", SOLID WHITE
⑫	PROPOSED THERMOPLASTIC PAVEMENT LETTERS AND SYMBOLS
⑬	PROPOSED ONE-WAY CRYSTAL RAISED REFLECTIVE PAVEMENT MARKERS, 40' CENTERS
⑭	PROPOSED ONE-WAY CRYSTAL RAISED REFLECTIVE PAVEMENT MARKERS, 80' CENTERS
⑮	PROPOSED ONE-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKERS, 40' CENTERS
⑯	PROPOSED TWO-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKERS, 40' CENTERS
⑰	PROPOSED TWO-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKERS, 80' CENTERS
⑱	PROPOSED CURB REFLECTORS, 40' CENTERS (3 PER SIDE MIN.)
⑲	PROPOSED CURB REFLECTORS, 2' CENTERS
⑳	PROPOSED PAINT PAVEMENT MARKING - RAISED MEDIAN, YELLOW
㉑	PROPOSED PAINT PAVEMENT MARKING CURB, YELLOW
㉒	PROPOSED PAINT PAVEMENT MARKING CURB, WHITE



FILE NAME: S:\Projects\416-0015-5HY_M05_IL_157_3P_Paveoff_to_Med_Co_Line\Design\CADD_Sheets\0876K77-shr-pmk.dgn



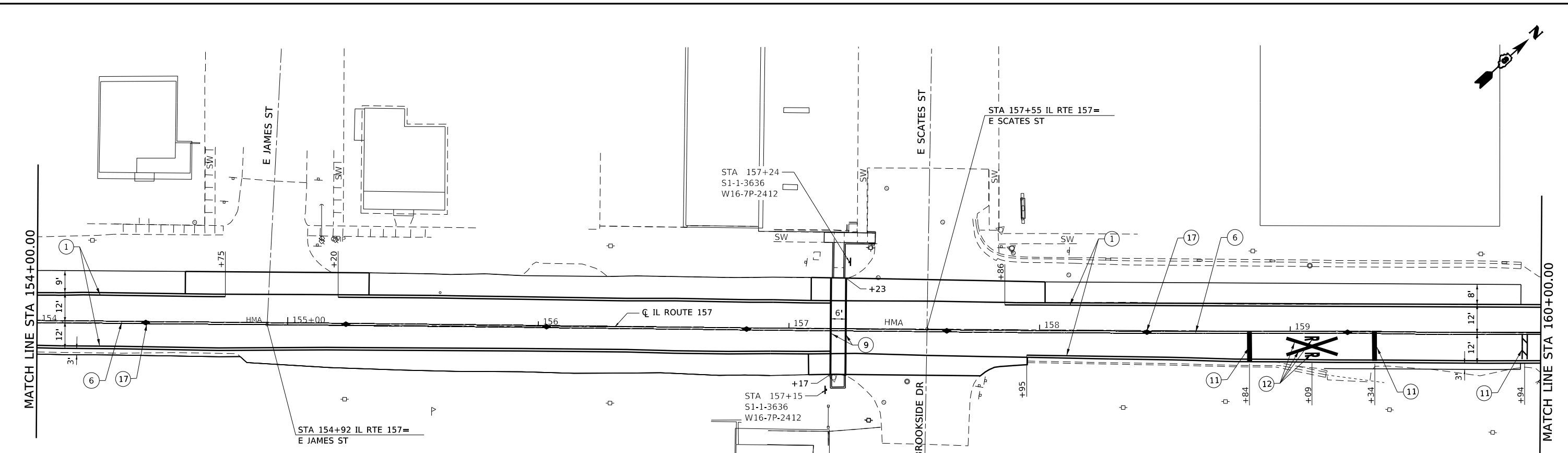
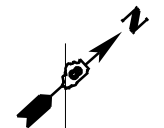
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MODEL NAME = PMK-8	DRAWN - PDB	REVISED -
PLOT SCALE = 40,0000"/in.	CHECKED - ESW	REVISED -
PLOT DATE = 1/25/2018	DATE - 12/1/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP ROUTE 592 (IL ROUTE 157)
PAVEMENT MARKING AND SIGNING SHEET**

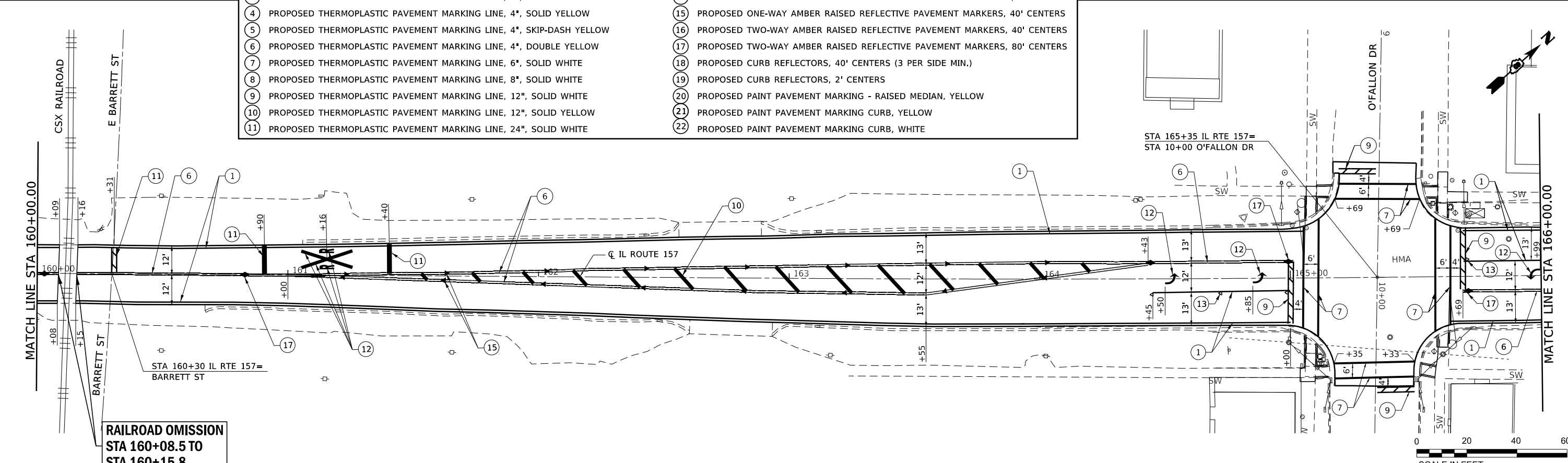
SCALE: 1"=20' SHEET 8 OF 11 SHEETS STA 142+00.00 TO STA 154+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117)RS-3	ST CLAIR	77	61
CONTRACT NO. 76K77				
ILLINOIS FED. AID PROJECT NHPP-W1X0 (370)				



LEGEND

① PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", SOLID WHITE	⑫ PROPOSED THERMOPLASTIC PAVEMENT LETTERS AND SYMBOLS
② PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", SKIP-DASH WHITE	⑬ PROPOSED ONE-WAY CRYSTAL RAISED REFLECTIVE PAVEMENT MARKERS, 40' CENTERS
③ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", DOTTED WHITE	⑭ PROPOSED ONE-WAY CRYSTAL RAISED REFLECTIVE PAVEMENT MARKERS, 80' CENTERS
④ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", SOLID YELLOW	⑮ PROPOSED ONE-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKERS, 40' CENTERS
⑤ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", SKIP-DASH YELLOW	⑯ PROPOSED TWO-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKERS, 40' CENTERS
⑥ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", DOUBLE YELLOW	⑰ PROPOSED TWO-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKERS, 80' CENTERS
⑦ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 6", SOLID WHITE	⑱ PROPOSED CURB REFLECTORS, 40' CENTERS (3 PER SIDE MIN.)
⑧ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 8", SOLID WHITE	⑲ PROPOSED CURB REFLECTORS, 2' CENTERS
⑨ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 12", SOLID WHITE	⑳ PROPOSED PAINT PAVEMENT MARKING - RAISED MEDIAN, YELLOW
⑩ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 12", SOLID YELLOW	㉑ PROPOSED PAINT PAVEMENT MARKING CURB, YELLOW
⑪ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 24", SOLID WHITE	㉒ PROPOSED PAINT PAVEMENT MARKING CURB, WHITE



RAILROAD OMISSION
 STA 160+08.5 TO
 STA 160+15.8



FILE NAME: S:\Projects\416-0015-5HY-W05-IL_157_3P_PaveOff.to Mod Co Line\Design\CADD_Sheets\0876K77-sht-pmk.dgn



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MODEL NAME = PMK-9
PLOT SCALE = 40,0000' / in.
PLOT DATE = 1/25/2018

DESIGNED - ACM	REVISED -
DRAWN - PDB	REVISED -
CHECKED - ESW	REVISED -
DATE - 12/1/2017	REVISED -

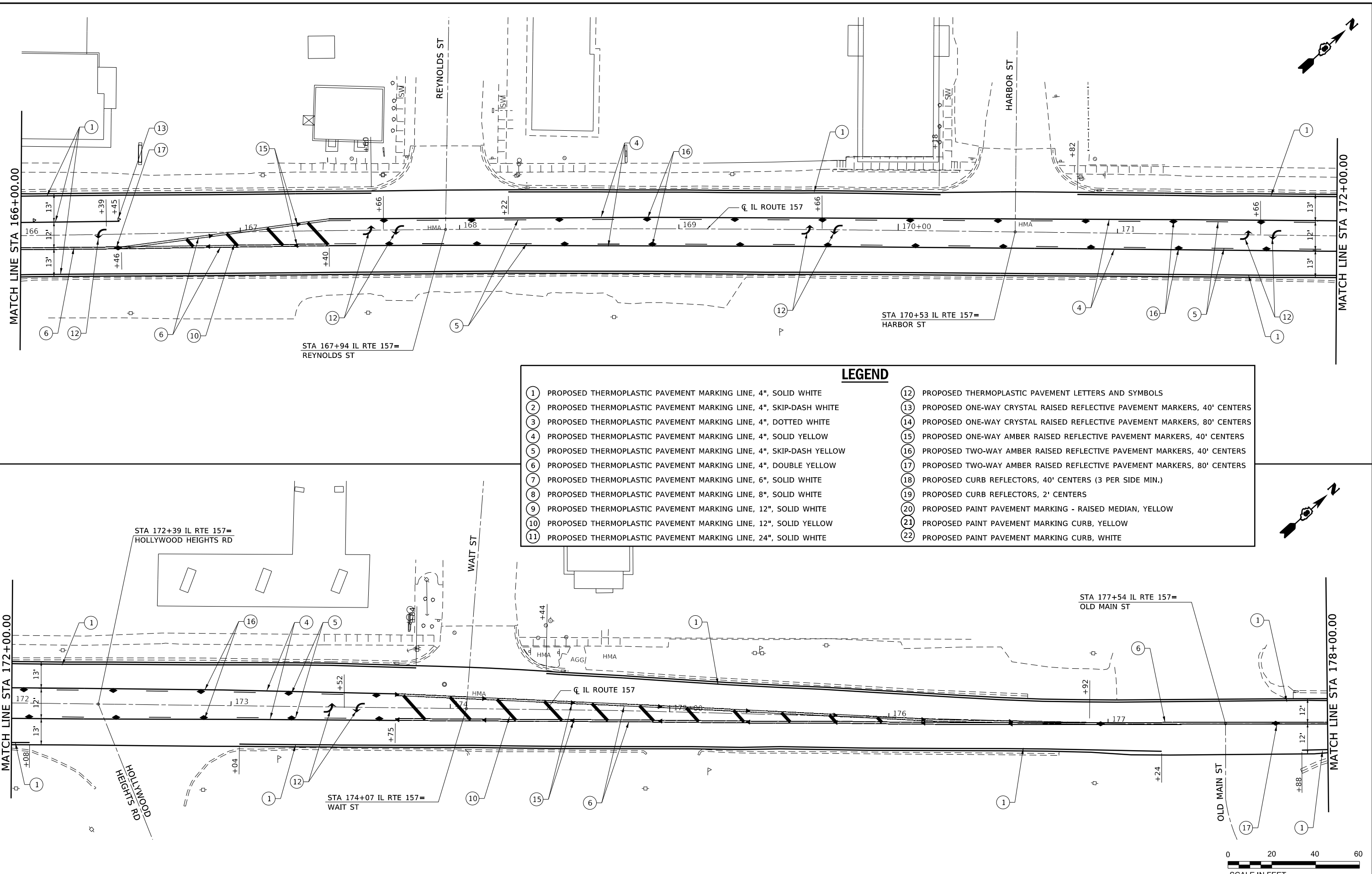
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**FAP ROUTE 592 (IL ROUTE 157)
 PAVEMENT MARKING AND SIGNING SHEET**

SCALE: 1"=20' SHEET 9 OF 11 SHEETS STA 154+00.00 TO STA 166+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117)RS-3	ST CLAIR	77	62
CONTRACT NO. 76K77				
ILLINOIS FED. AID PROJECT NHPP-WT10 (370)				

FILE NAME: S:\Projects\416-0015-5HY_M05_IL_157_3P_Petroff to Mod Co Line\Design\CADD_Sheets\0876K77-sht-pmk.dgn



LEGEND	
①	PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", SOLID WHITE
②	PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", SKIP-DASH WHITE
③	PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", DOTTED WHITE
④	PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", SOLID YELLOW
⑤	PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", SKIP-DASH YELLOW
⑥	PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", DOUBLE YELLOW
⑦	PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 6", SOLID WHITE
⑧	PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 8", SOLID WHITE
⑨	PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 12", SOLID WHITE
⑩	PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 12", SOLID YELLOW
⑪	PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 24", SOLID WHITE
⑫	PROPOSED THERMOPLASTIC PAVEMENT LETTERS AND SYMBOLS
⑬	PROPOSED ONE-WAY CRYSTAL RAISED REFLECTIVE PAVEMENT MARKERS, 40' CENTERS
⑭	PROPOSED ONE-WAY CRYSTAL RAISED REFLECTIVE PAVEMENT MARKERS, 80' CENTERS
⑮	PROPOSED ONE-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKERS, 40' CENTERS
⑯	PROPOSED TWO-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKERS, 40' CENTERS
⑰	PROPOSED TWO-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKERS, 80' CENTERS
⑱	PROPOSED CURB REFLECTORS, 40' CENTERS (3 PER SIDE MIN.)
⑲	PROPOSED CURB REFLECTORS, 2' CENTERS
⑳	PROPOSED PAINT PAVEMENT MARKING - RAISED MEDIAN, YELLOW
㉑	PROPOSED PAINT PAVEMENT MARKING CURB, YELLOW
㉒	PROPOSED PAINT PAVEMENT MARKING CURB, WHITE

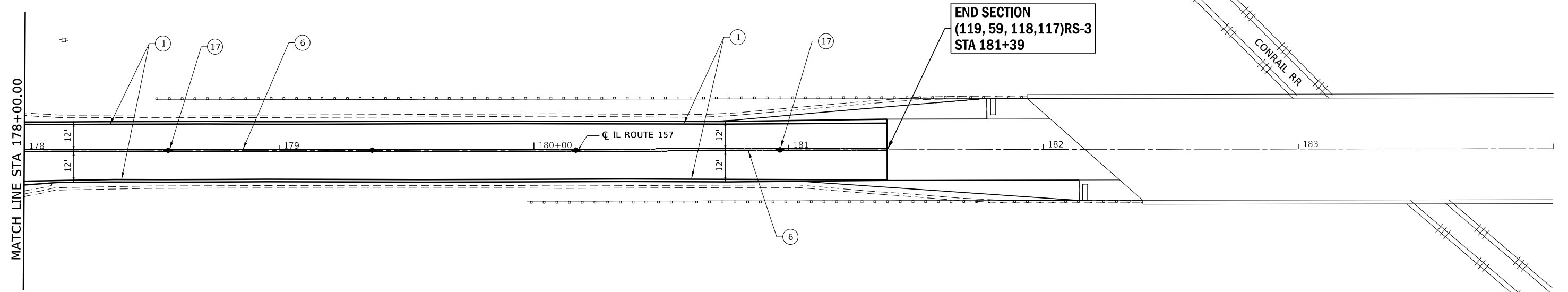
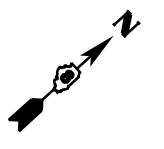
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	PLOT DATE = 1/25/2018	DATE - 12/1/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP ROUTE 592 (IL ROUTE 157)
PAVEMENT MARKING AND SIGNING SHEET**

SCALE: 1"=20' SHEET 10 OF 11 SHEETS STA 166+00.00 TO STA 178+00.00

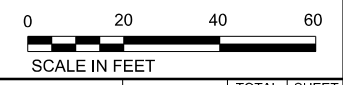
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117)RS-3	ST CLAIR	77	63
CONTRACT NO. 76K77				
ILLINOIS FED. AID PROJECT NHPP-W1X0 (370)				



LEGEND

- | | |
|--|--|
| ① PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", SOLID WHITE | ⑫ PROPOSED THERMOPLASTIC PAVEMENT LETTERS AND SYMBOLS |
| ② PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", SKIP-DASH WHITE | ⑬ PROPOSED ONE-WAY CRYSTAL RAISED REFLECTIVE PAVEMENT MARKERS, 40' CENTERS |
| ③ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", DOTTED WHITE | ⑭ PROPOSED ONE-WAY CRYSTAL RAISED REFLECTIVE PAVEMENT MARKERS, 80' CENTERS |
| ④ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", SOLID YELLOW | ⑮ PROPOSED ONE-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKERS, 40' CENTERS |
| ⑤ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", SKIP-DASH YELLOW | ⑯ PROPOSED TWO-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKERS, 40' CENTERS |
| ⑥ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", DOUBLE YELLOW | ⑰ PROPOSED TWO-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKERS, 80' CENTERS |
| ⑦ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 6", SOLID WHITE | ⑱ PROPOSED CURB REFLECTORS, 40' CENTERS (3 PER SIDE MIN.) |
| ⑧ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 8", SOLID WHITE | ⑲ PROPOSED CURB REFLECTORS, 2' CENTERS |
| ⑨ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 12", SOLID WHITE | ⑳ PROPOSED PAINT PAVEMENT MARKING - RAISED MEDIAN, YELLOW |
| ⑩ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 12", SOLID YELLOW | ㉑ PROPOSED PAINT PAVEMENT MARKING CURB, YELLOW |
| ⑪ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 24", SOLID WHITE | ㉒ PROPOSED PAINT PAVEMENT MARKING CURB, WHITE |

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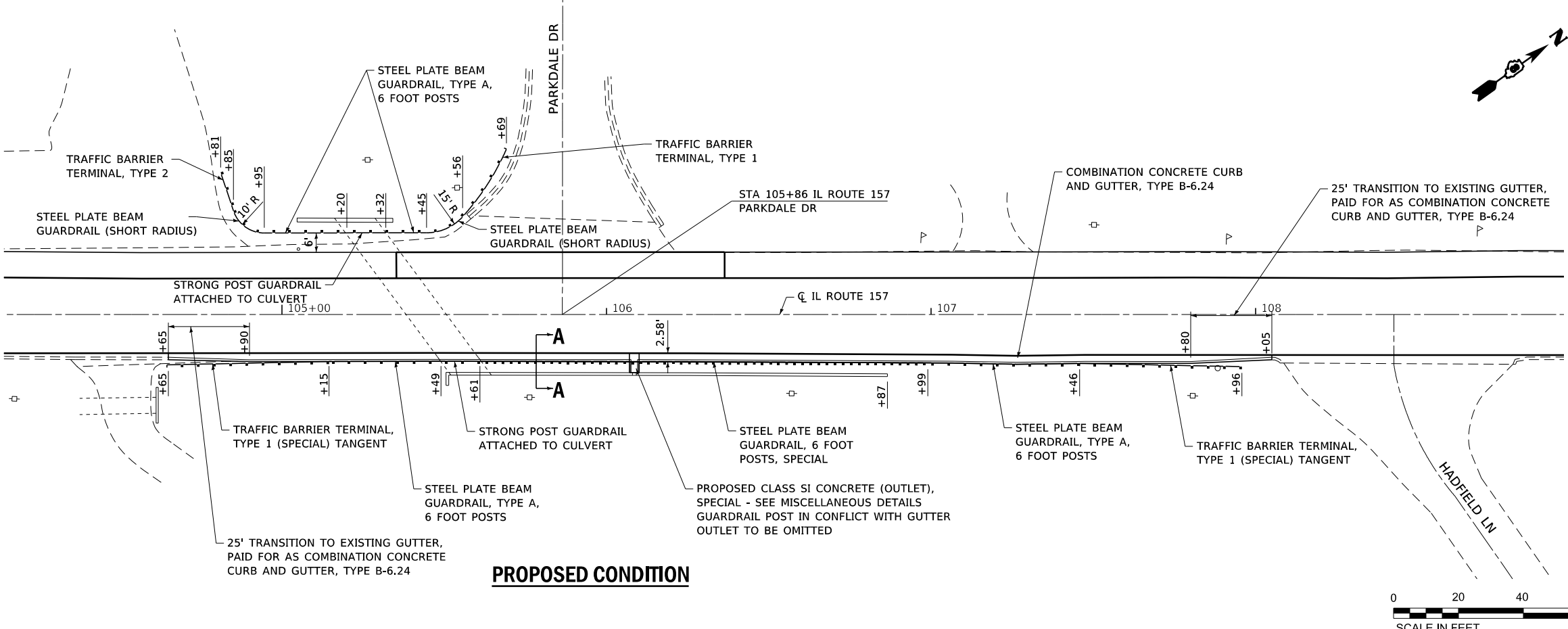
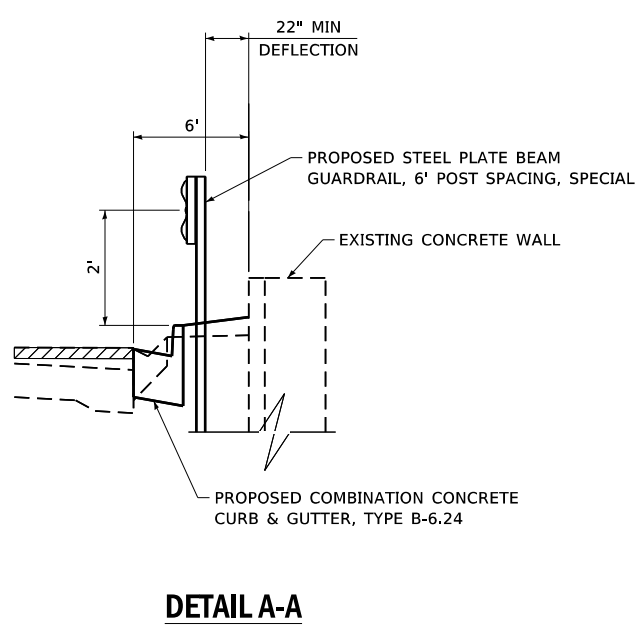
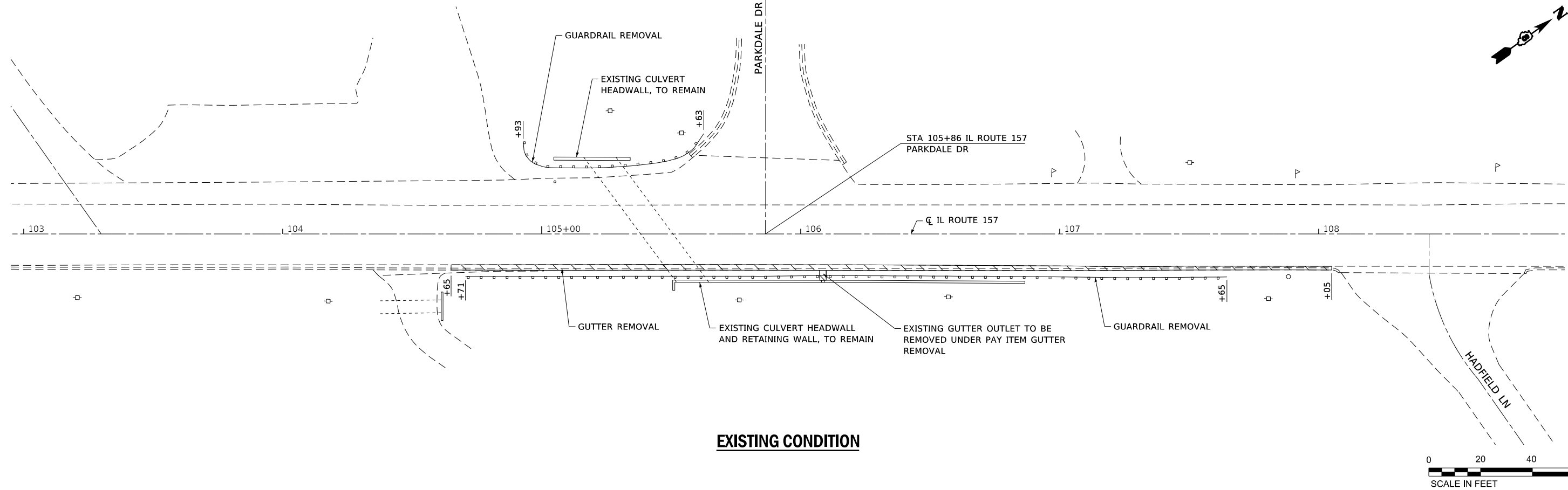
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PLOT DATE = 1/25/2018	DATE - 12/1/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP ROUTE 592 (IL ROUTE 157)
PAVEMENT MARKING AND SIGNING SHEET
SCALE: 1"=20' SHEET 11 OF 11 SHEETS STA 178+00.00 TO STA 184+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117)RS-3	ST CLAIR	77	64
CONTRACT NO. 76K77				
ILLINOIS FED. AID PROJECT NHPP-WTX0 (370)				

FILE NAME: S:\Projects\416-0015-5HY_40#5_IL_157_3P_Petroff_to_Mad_Co_Line\Design\CADD_Sheets\0876K77-shr-detail-28.dgn



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MODEL NAME = DTL-GR	DRAWN - PDB	REVISED -
PLOT SCALE = 40,0000" / 1"	CHECKED - ESW	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

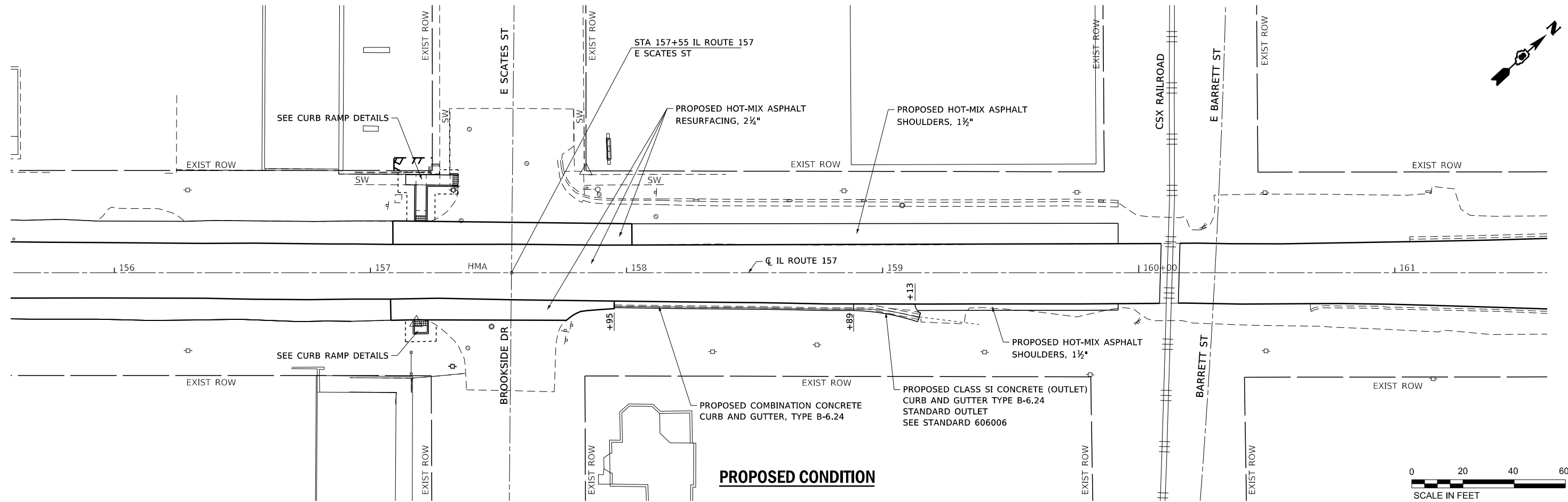
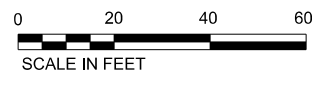
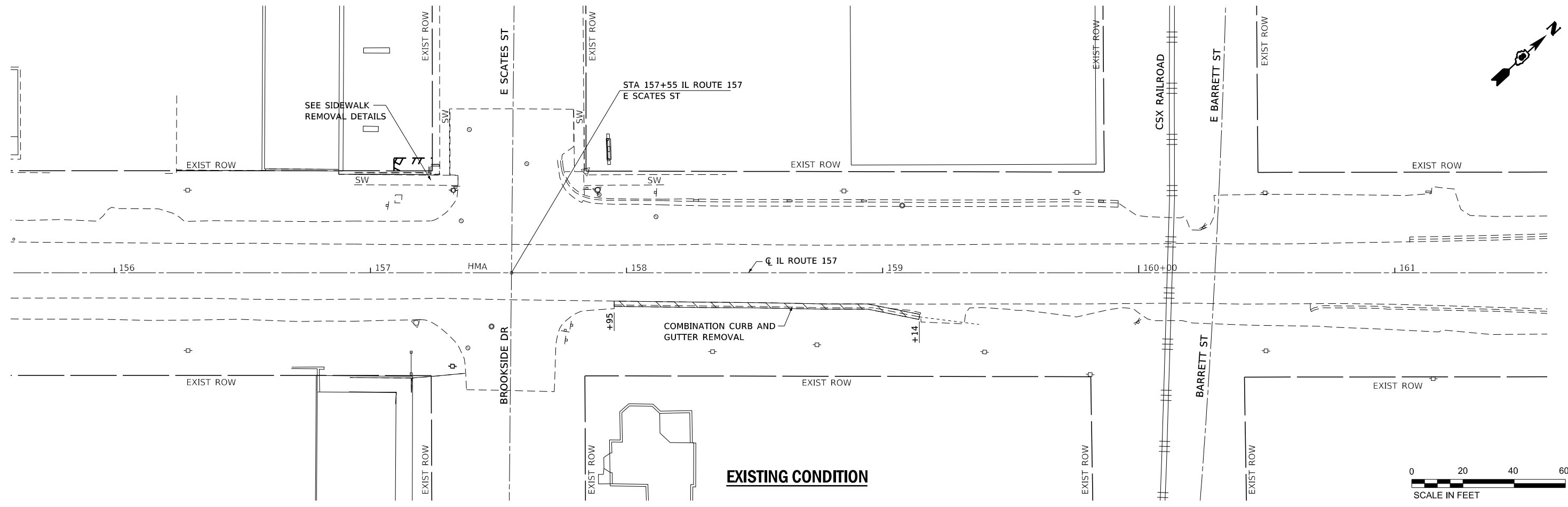
FAP ROUTE 592 (IL ROUTE 157)
GUARDRAIL DETAIL

SCALE: 1"=20' SHEET 1 OF 1 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117)RS-3	ST CLAIR	77	65
CONTRACT NO. 76K77				

ILLINOIS FED. AID PROJECT NHPP-W1X0 (370)

FILE NAME: S:\Projects\416-0015-5HY_40#5_IL_157_3P_Petroff_to_Mad_Co_Line\Design\CADD_Sheets\0876K77-sht-details-28.dgn



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MODEL NAME = DTL-CG	DRAWN - PDB	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - ESW	REVISED -
PLOT DATE = 1/25/2018	DATE - 12/1/2017	REVISED -

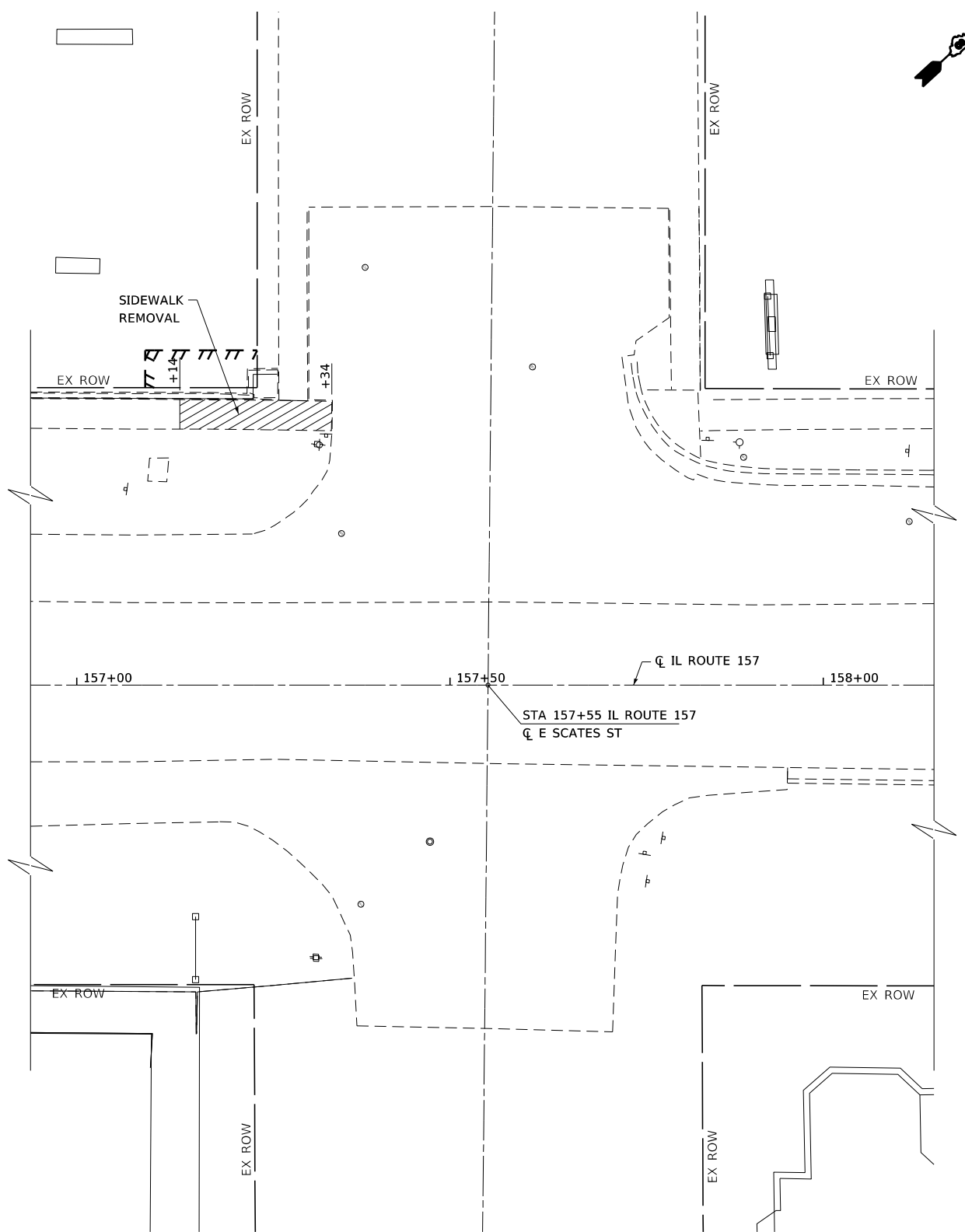
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP ROUTE 592 (IL ROUTE 157)
CURB AND GUTTER DETAIL**

SCALE: 1"=20' SHEET 1 OF 1 SHEETS

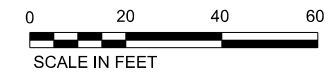
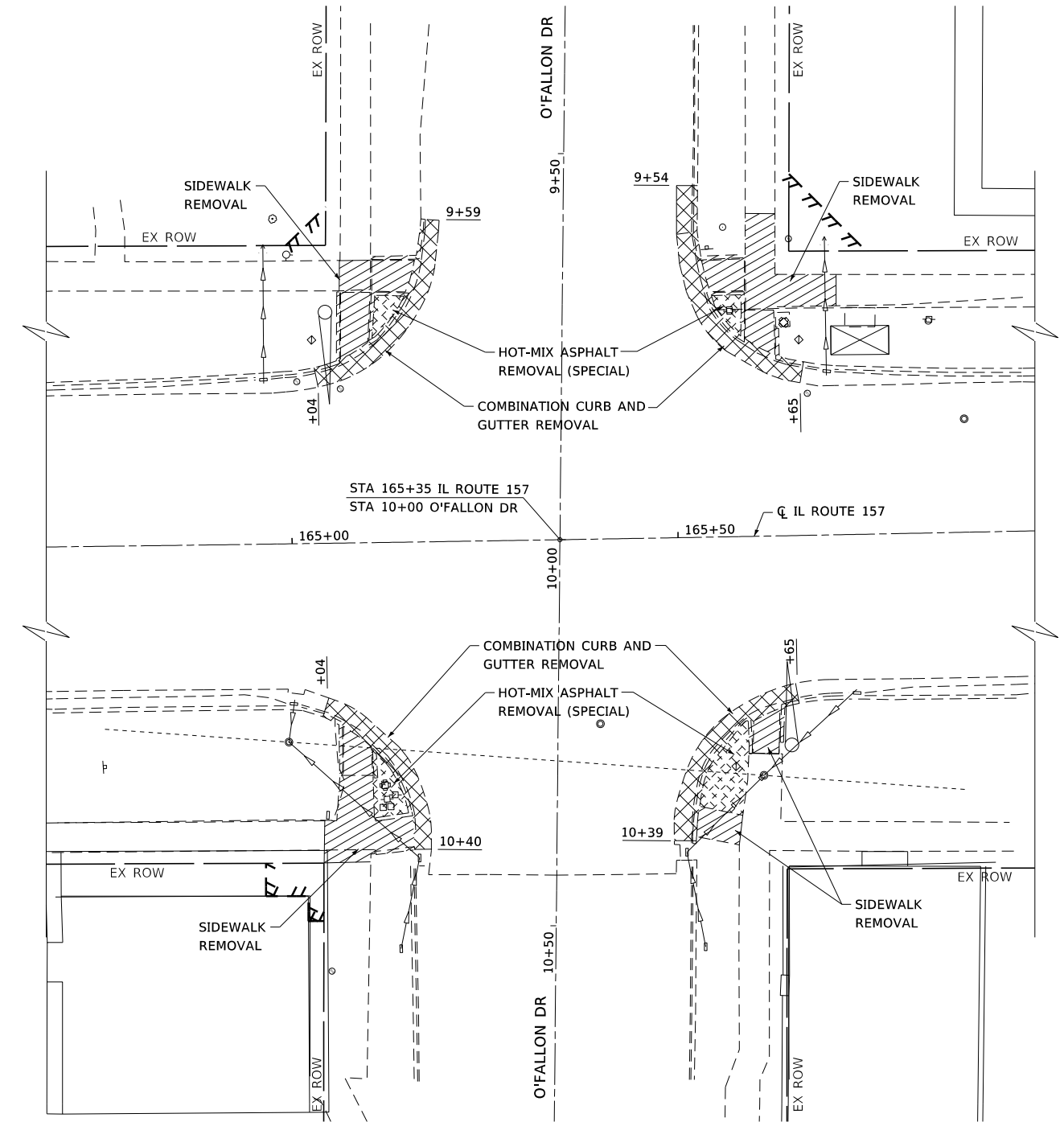
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117)RS-3	ST CLAIR	77	66
CONTRACT NO. 76K77				
ILLINOIS FED. AID PROJECT NHP-17X0 (370)				

FILE NAME: S:\P\Projects\416-0015-5HY_M0#5_IL_157_3P_Petroff to Mad Co Line\Design\CADD_Sheets\0876K77-shr-rem.dgn



LEGEND

- COMBINATION CURB AND GUTTER REMOVAL
- SIDEWALK REMOVAL
- HOT-MIX ASPHALT REMOVAL (SPECIAL)



USER NAME = ewelz	DESIGNED - ACM	REVISED -
MODEL NAME = Rem Dtl	DRAWN - PDB	REVISED -
PLOT SCALE = 20,0000' / 1"	CHECKED - ESW	REVISED -
PLOT DATE = 1/25/2018	DATE - 12/1/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP ROUTE 592 (IL ROUTE 157)
SIDEWALK REMOVAL DETAILS**

SCALE: 1"=10' SHEET 1 OF 1 SHEETS

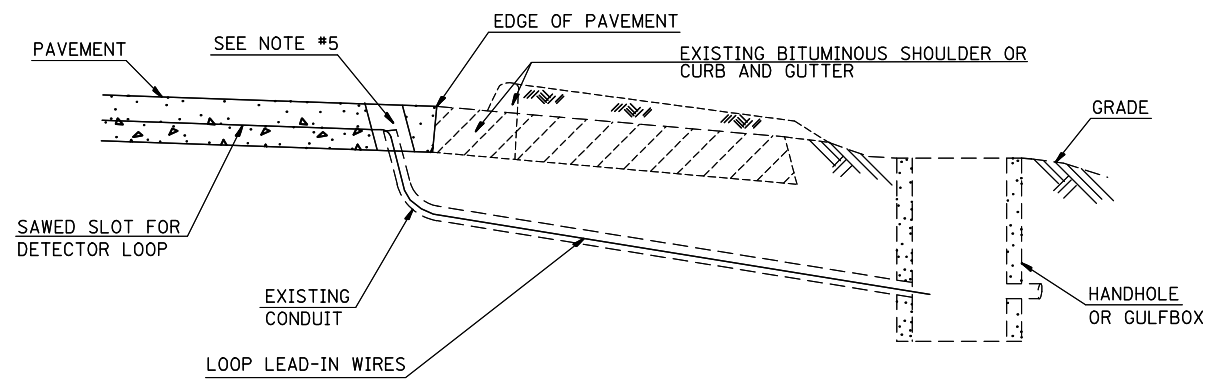
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117)RS-3	ST CLAIR	77	67
CONTRACT NO. 76K77				

ILLINOIS FED. AID PROJECT NHPP-W1X0 (370)

NOTES:

SEE TABLE "DETECTOR LOOP REQUIREMENTS AND CALCULATIONS"
FOR LOOP SIZE AND CALCULATED NUMBER OF TURNS.
SEE "DETAIL A" FOR INSTALLING DETECTOR LOOP WIRES
IN EXISTING CONDUITS.

SCHEDULE OF QUANTITIES			TOTAL QUANTITIES	IL 157 & PETROFF	IL 157 & SASAK	IL 157 & BUNKUM	IL 157 & E OFALLON
CODE NO	ITEM	UNIT					
80300100	LOCATING UNDERGROUND CABLE	FOOT	247	70	50	80	47
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	17				17
81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1				1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	481				481
87601100	PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE I	EACH	2				2
87900200	DRILL EXISTING HANDHOLE	EACH	1				1
88600600	DETECTOR LOOP REPLACEMENT	FOOT	4272	551	1399	1230	1092
88800100	PEDESTRIAN PUSH-BUTTON	EACH	5				5
89502200	MODIFY EXISTING CONTROLLER	EACH	1				1
89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	260				260
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	9				9
X8800101	PEDESTRIAN PUSH-BUTTON, SPECIAL	EACH	3				3



DETAIL A
(NO SCALE)

INSTALLING DETECTOR LOOP WIRES IN EXISTING CONDUIT

1. DRILL OUT PAVEMENT SEALANT AND CLEAN EXISTING CONDUIT.
2. REMOVE EXISTING DETECTOR LOOP WIRES TO HANDHOLE OR GULFBOX.
3. INSTALL NEW LOOP LEAD-IN WIRES IN EXISTING CONDUIT.
4. SPLICE NEW DETECTOR LOOP WIRES TO EXISTING LOOP LEAD-IN CABLE IN HANDHOLE OR GULFBOX.
5. FILL HOLE WITH APPROVED SEALER. PREVENT SEALER FROM ENTERING INTO CONDUIT.
6. LOCATING UNDERGROUND CABLE WILL BE PAID FOR SEPARATELY.

NOT A PAY ITEM. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PAY ITEM "DETECTOR LOOP REPLACEMENT"

DETECTOR LOOP REPLACEMENT LEGEND

- ☐ EX. HANDHOLE
- ⋯ EX. DETECTOR LOOP
- ⊠ EX. TRAFFIC SIGNAL CONTROLLER
- EXISTING CONDUIT
- ▭ PROPOSED DETECTOR LOOP

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PLOT DATE = 1/24/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP REPLACEMENT
GENERAL NOTES, SCHEDULE OF QUANTITIES,
DETAIL AND LEGEND

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59,118 117)RS-3	ST. CLAIR	77	68
CONTRACT NO. 76K77			ILLINOIS FED. AID PROJECT	

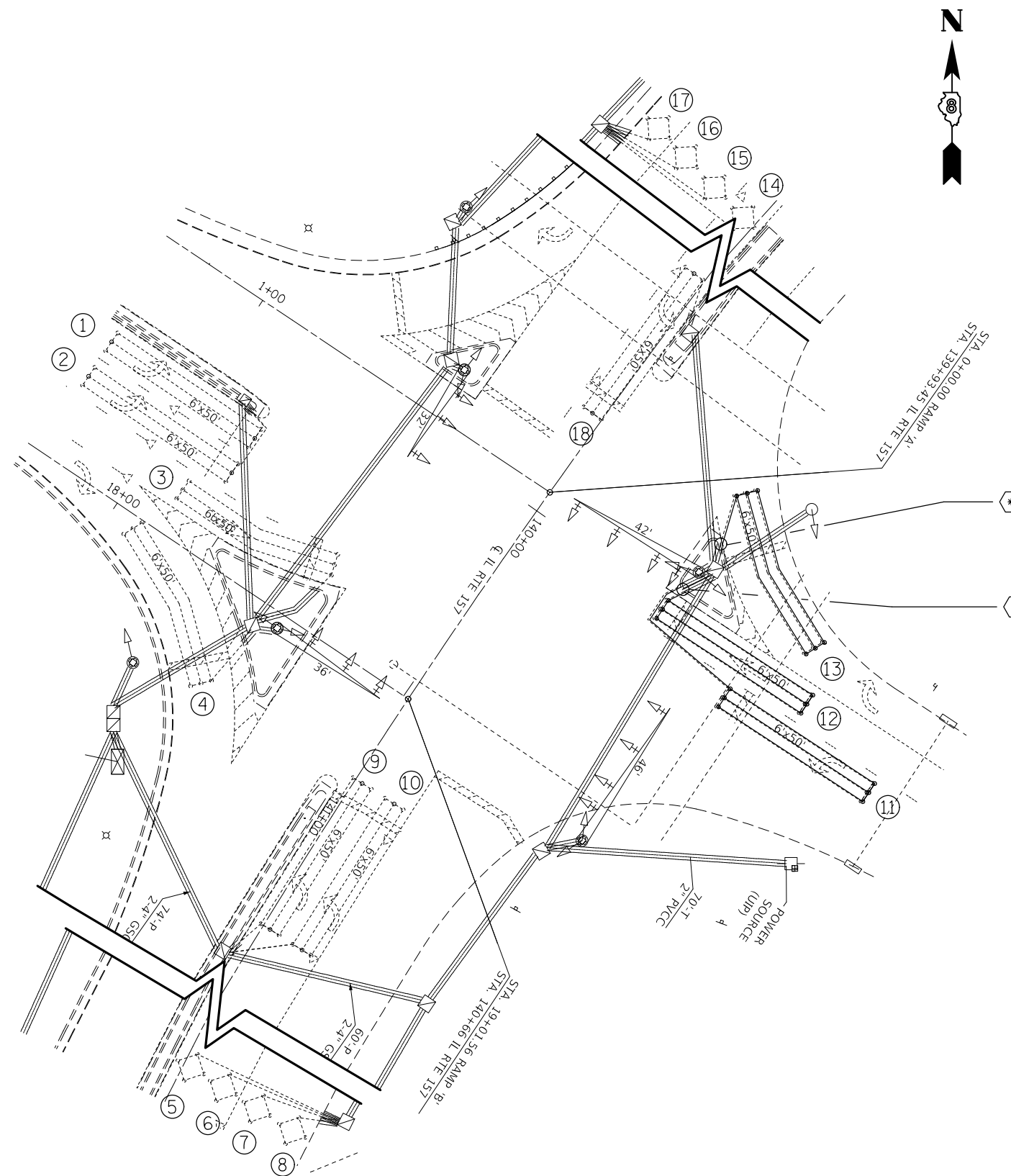
DETECTOR LOOP REQUIREMENTS AND CALCULATIONS

LOOP#	PHASE # (Φ)	LOOP SIZE (FT. X FT.)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES (μH)	CALCULATED RESISTANCE OHMS (Ω)
1. EBLT CD	3	6' x 50'(Q)	3-6-3	787	1.6
2. EBLT CD	3	6' x 50'(Q)	3-6-3	790	1.7
3. EB THRU CD	8	6' x 50'(Q)	3-6-3	787	1.6
4. EBRT CD	8	6' x 50'(Q)	3-6-3	789	1.7
5. NB CCO	1	6' x 6'	6	264	0.6
6. NB CCO	1	6' x 6'	6	261	0.5
7. NB CCO	6	6' x 6'	6	259	0.5
8. NB CCO	6	6' x 6'	6	256	0.4
9. NBLT CD	1	6' x 50'(Q)	3-6-3	788	1.6
10. NBLT CD	1	6' x 50'(Q)	3-6-3	790	1.7
11. WBLT CD	7	6' x 50'(Q)	3-6-3	796	1.8
12. WB THRU CD	4	6' x 50'(Q)	3-6-3	787	1.6
13. WBRT CD	4	6' x 50'(Q)	3-6-3	789	1.7
14. SB CCO	5	6' x 6'	6	264	0.6
15. SB CCO	2	6' x 6'	6	261	0.5
16. SB CCO	2	6' x 6'	6	259	0.4
17. SB CCO	2	6' x 6'	6	256	0.4
18. SBLT CD	5	6' x 50'(Q)	3-6-3	788	1.6

THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.

Q=QUADRAPOLE

* =SEE DETAIL "A"



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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP REPLACEMENT
IL 157 & PETROFF DR.

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59,118 117)RS-3	ST. CLAIR	77	69
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76K77	

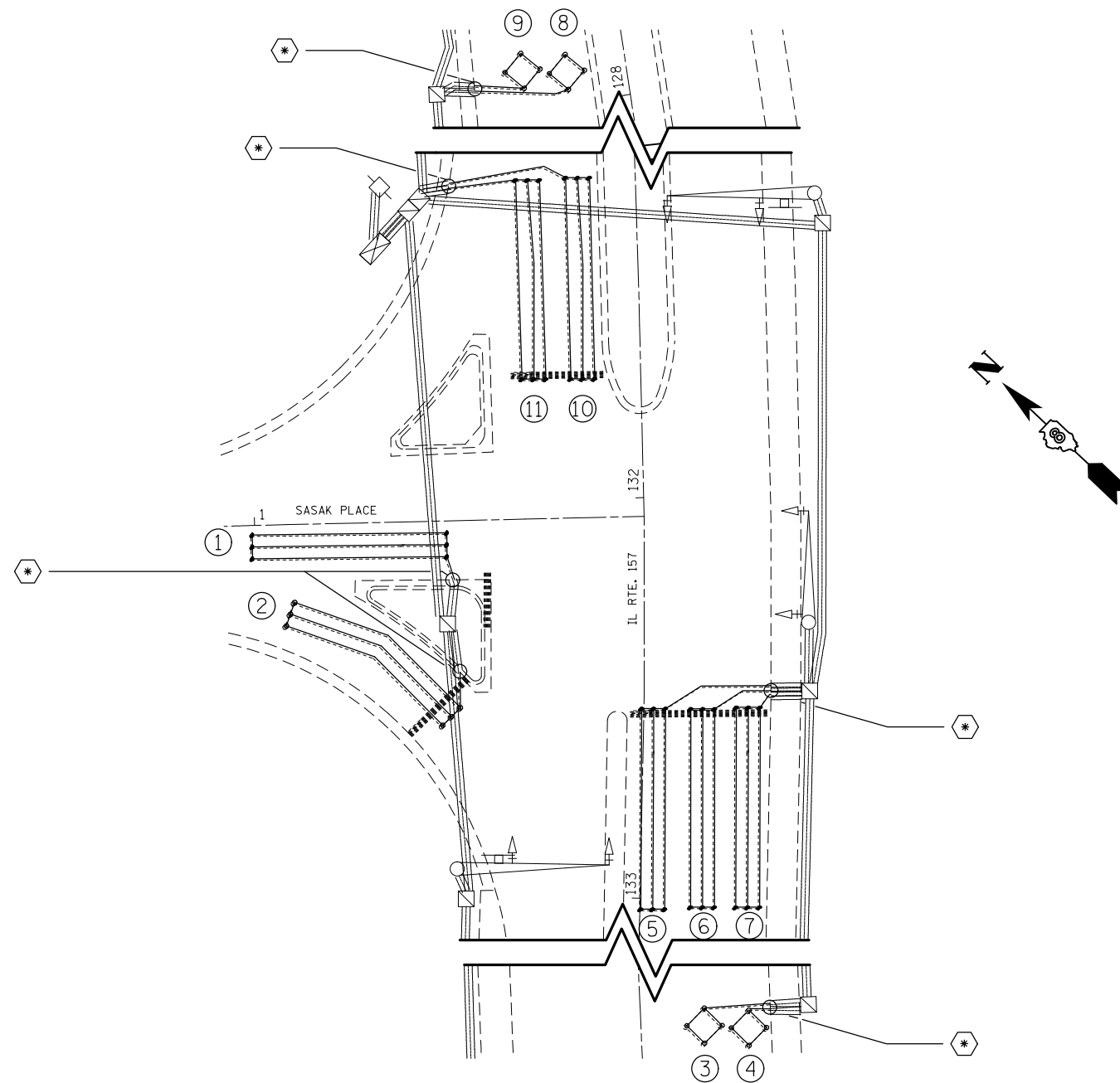
DETECTOR LOOP REQUIREMENTS AND CALCULATIONS

LOOP#	PHASE # (Φ)	LOOP SIZE (FT. X FT.)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES (μH)	CALCULATED RESISTANCE OHMS (Ω)
1. EBLT CD	3	6' x 50'(Q)	3-6-3	787	1.6
2. EB RT CD	3	6' x 50'(Q)	3-6-3	788	1.6
3. NB CCO	6	6' x 6'	6	259	0.4
4. NB CCO	6	6' x 6'	6	256	0.4
5. NBLT CD	1	6' x 50'(Q)	3-6-3	792	1.7
6. NB THRU CD	6	6' x 50'(Q)	3-6-3	790	1.7
7. NB THRU CD	6	6' x 50'(Q)	3-6-3	787	1.6
8. SB CCO	2	6' x 6'	6	260	0.5
9. SB CCO	2	6' x 6'	6	258	0.4
10. SB THRU CD	2	6' x 50'(Q)	3-6-3	793	1.7
11. SB THRU CD	2	6' x 50'(Q)	3-6-3	790	1.7

THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.

Q=QUADRAPOLE

* =SEE DETAIL "A"



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PLOT DATE = 1/24/2018	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP REPLACEMENT
IL 157 & SASAK PL.

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59,118 117)RS-3	ST. CLAIR	77	70
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76K77	

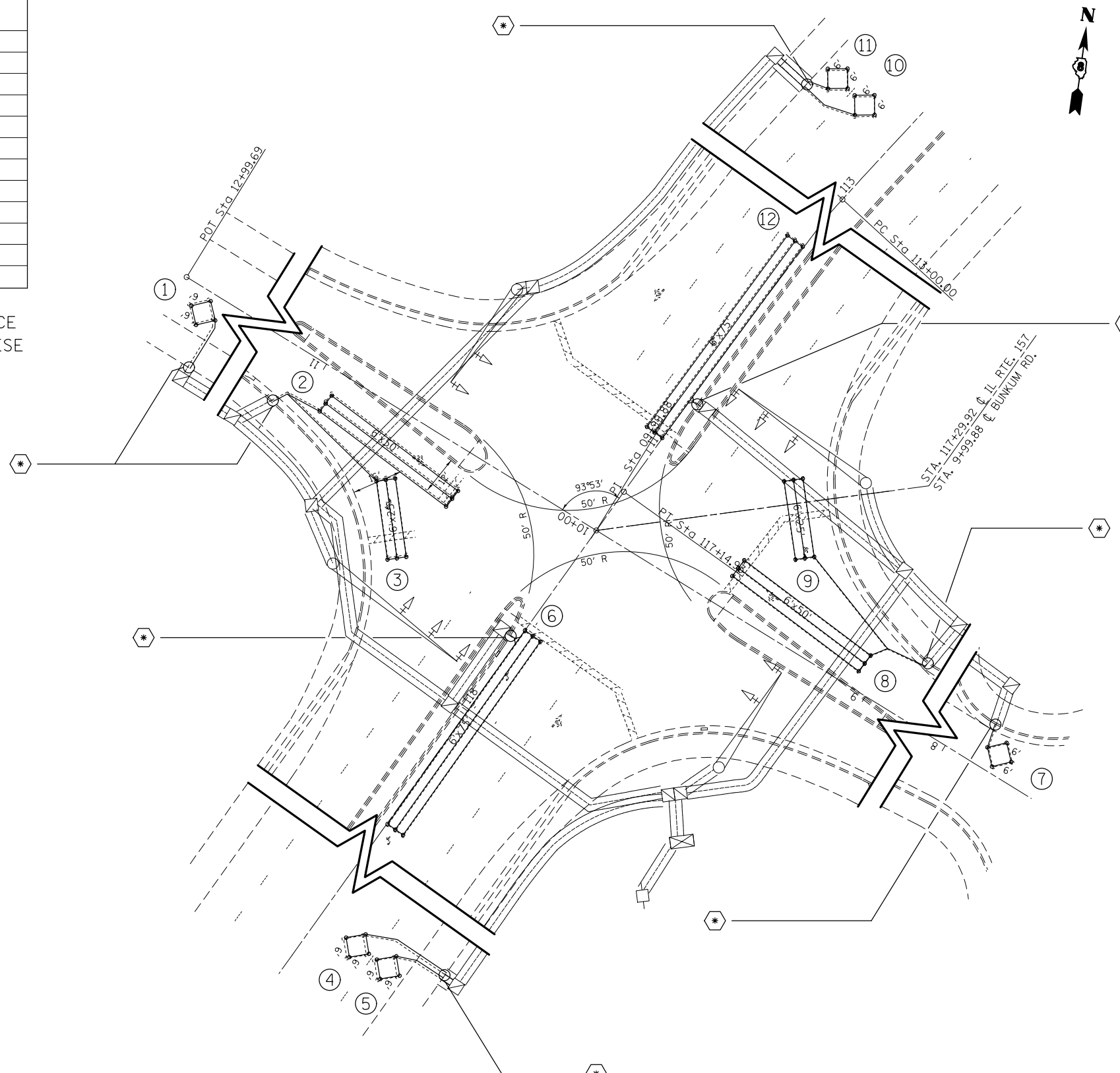
DETECTOR LOOP REQUIREMENTS AND CALCULATIONS

LOOP#	PHASE # (Φ)	LOOP SIZE (FT. X FT.)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES (μH)	CALCULATED RESISTANCE OHMS (Ω)
1. EB CCO	4	6' x 6'	6	259	0.4
2. EB THRU CD	4	6' x 50'(Q)	3-6-3	790	1.7
3. EBRT CD	4	6' x 25'(Q)	3-6-3	796	1.8
4. NB CCO	2	6' x 6'	6	261	0.5
5. NB CCO	2	6' x 6'	6	259	0.4
6. NBLT CD	5	6' x 75'(Q)	3-6-3	786	1.6
7. WB CCO	8	6' x 6'	6	257	0.4
8. WB THRU LT CD	8	6' x 50'(Q)	3-6-3	790	1.7
9. WBRT CD	8	6' x 25'(Q)	3-6-3	797	1.9
10. SB CCO	6	6' x 6'	6	259	0.5
11. SB CCO	6	6' x 6'	6	256	0.4
12. SBLT CD	1	6' x 75'(Q)	3-6-3	786	1.6

THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.

Q=QUADRAPOLE

* =SEE DETAIL "A"



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP REPLACEMENT
IL 157 & BUNKUM RD.

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59,118 117)RS-3	ST. CLAIR	77	71
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76K77	

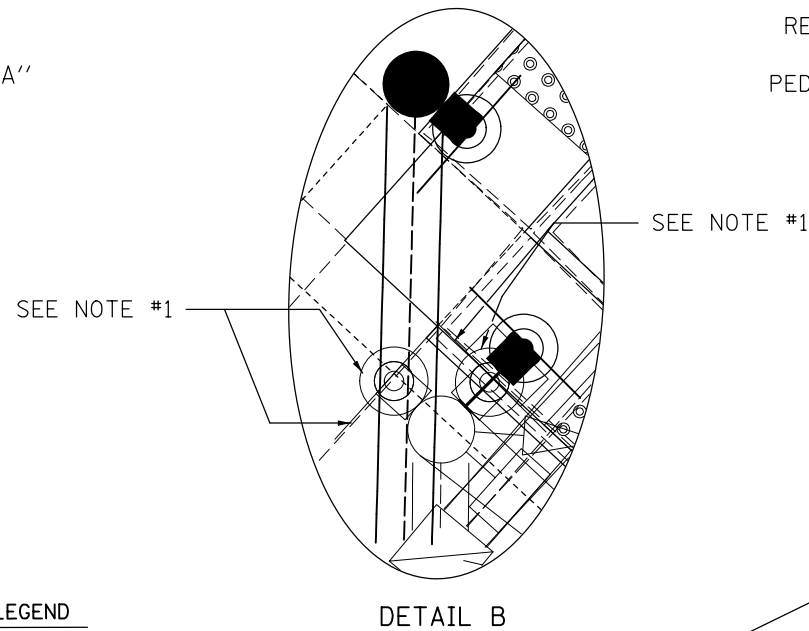
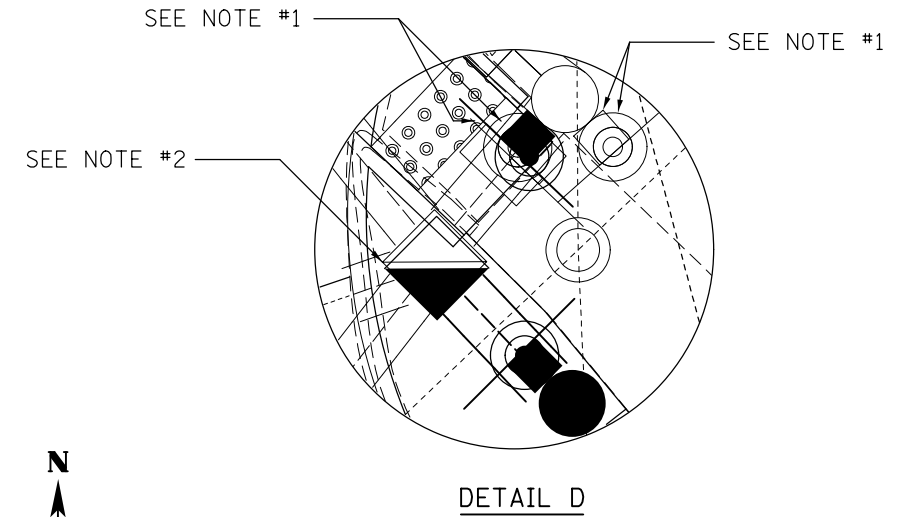
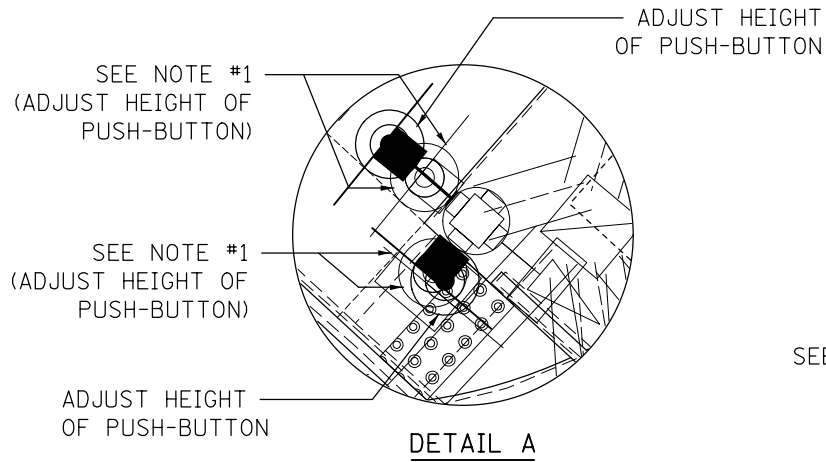
SEE CABLE DIAGRAM ON SHEET 2 OF 2

LOOP#	PHASE # (Φ)	LOOP SIZE (FT. X FT.)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES (μH)	CALCULATED RESISTANCE OHMS (Ω)
1. EB THRU CD	4	6' x 50'(Q)	3-6-3	788.64	1.65
2. SB CCO	2	6' x 6'	6	257.52	0.42
3. NBLT CD	1	6' x 50'(Q)	3-6-3	790.18	1.69
4. NB THRU CD	6	6' x 50'(Q)	3-6-3	792.82	1.75
5. WB THRU CD	8	6' x 50'(Q)	3-6-3	787.76	1.63
6. SBLT CD	5	6' x 50'(Q)	3-6-3	789.96	1.68
7. SB THRU CD	2	6' x 50'(Q)	3-6-3	786.88	1.61

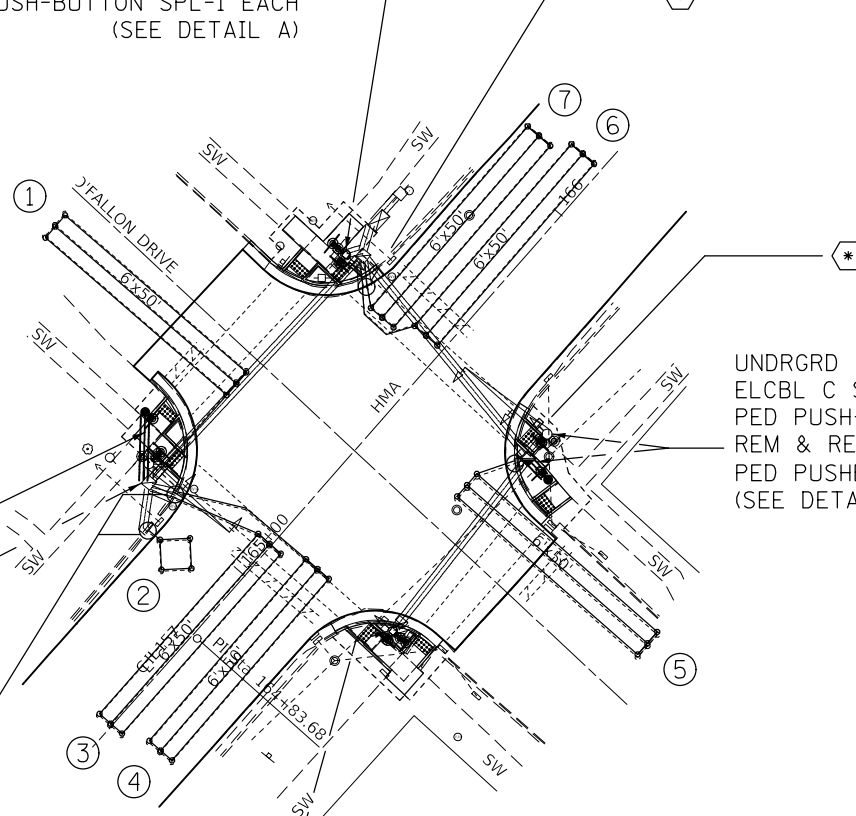
THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.

Q=QUADRAPOLE

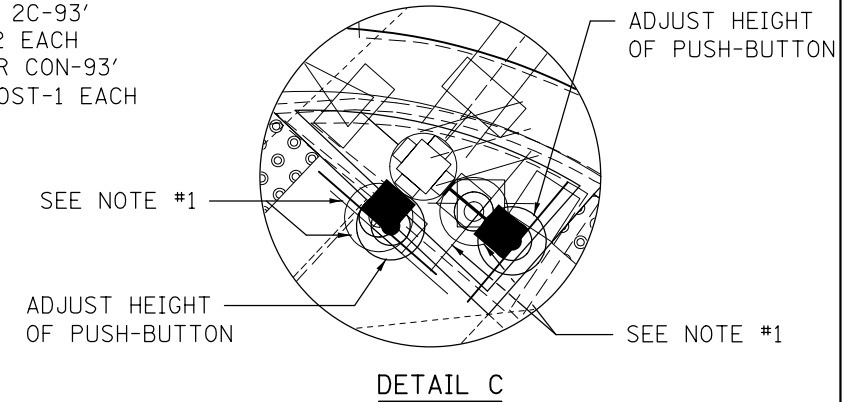
* =SEE DETAIL "A"



ELCBL C SIGNAL 14 2C-36'
 REM & RE ELCBL FR CON-34'
 PED PUSH-BUTTON-1 EACH
 PED PUSH-BUTTON SPL-1 EACH
 (SEE DETAIL A)



UNDGRD C PVC 1 1/2-4'
 ELCBL C SIGNAL 14 2C-93'
 PED PUSH-BUTTON-2 EACH
 REM & RE ELCBL FR CON-93'
 PED PUSHBUTTON POST-1 EACH
 (SEE DETAIL D)



UNDGRD C PVC 1 1/2-14'
 ELCBL C SIGNAL 14 2C-217'
 PED PUSH-BUTTON-1 EACH
 PED PUSH-BUTTON SPL-1 EACH,
 PED PUSHBUTTON POST-1 EACH
 (SEE DETAIL B)

ELCBL C SIGNAL 14 2C-135'
 REM & RE ELCBL FR CON-133'
 PED PUSH-BUTTON-1 EACH
 PED PUSH-BUTTON SPL-1 EACH
 (SEE DETAIL C)

- NOTES:**
- REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT (1-PEDESTRIAN PUSH-BUTTON & 1-PEDESTRIAN PUSH-BUTTON SIGN).
 - REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT (1-HANDHOLE TO BE ADJUSTED IN THE PEDESTRIAN ACCESS ROUTE).

TRAFFIC SIGNALS LEGEND

	EXISTING SIGNAL POST
	EXISTING SIGNAL POST WITH BACKPLATE
	EXISTING TRAFFIC SIGNAL MAST ARM
	EXISTING HANDHOLE
	EXISTING DOUBLE HANDHOLE
	EXISTING DETECTOR LOOP
	EXISTING CONTROLLER
	EXISTING SERVICE INSTALLATION
	EXISTING SIGNAL HEAD, PEDESTRIAN
	EXISTING PEDESTRIAN PUSH-BUTTON
	EXISTING CONDUIT
	PROPOSED HANDHOLE
	PROPOSED PEDESTRIAN PUSH-BUTTON
	PROPOSED SIGNAL POST/PUSH-BUTTON
	PROPOSED CONDUIT

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP & ADA PEDESTRIAN
 PUSH-BUTTON REPLACEMENT
 IL 157 & O'FALLON DR. (1 OF 2)**

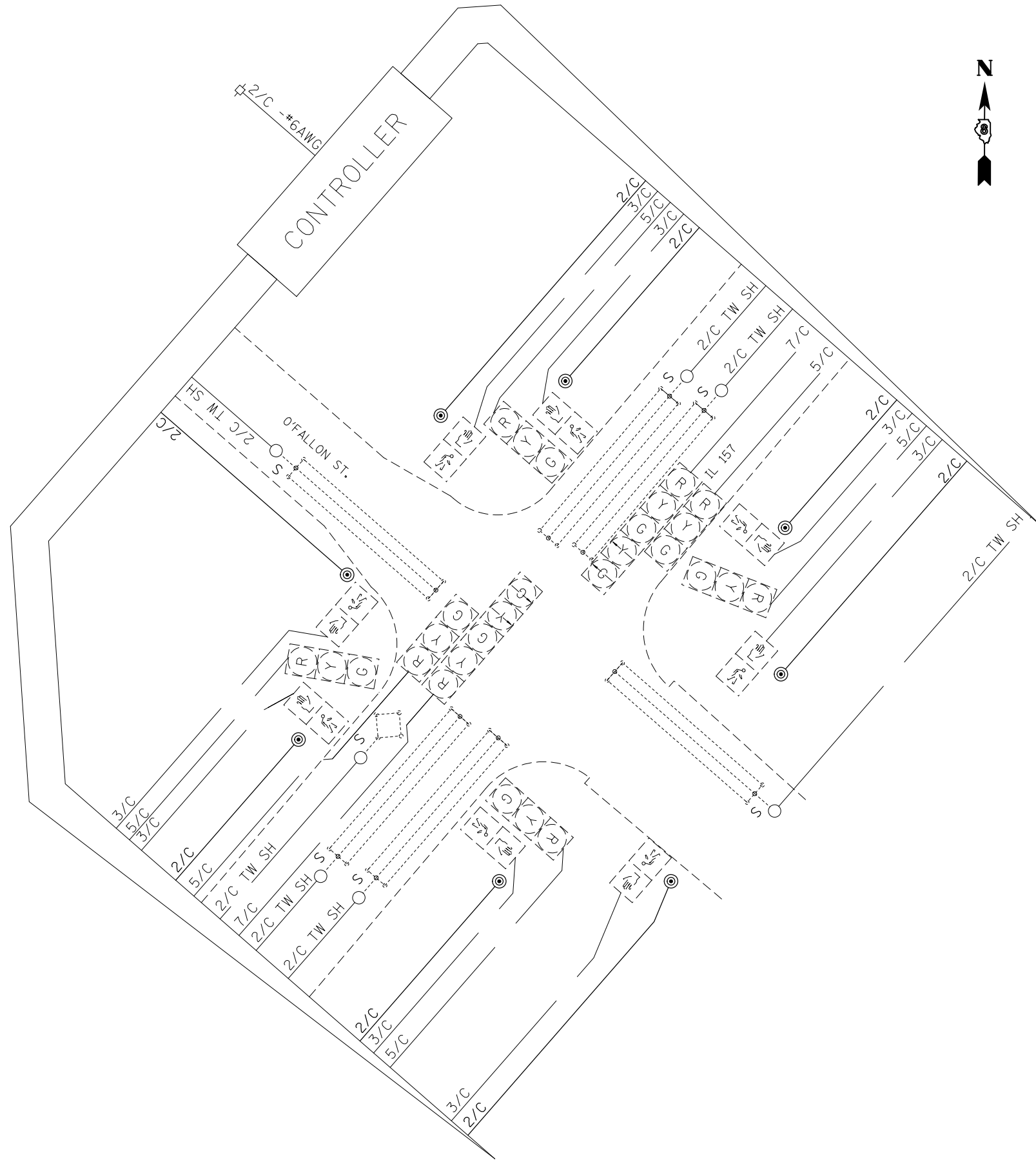
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59,118 117)RS-3	ST. CLAIR	77	72
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76K77	

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ELECTRICAL GENERAL NOTES CONT'D

1. AN APPROPRIATE TRAFFIC SIGNAL PUSH-BUTTON SIGN WILL BE MOUNTED ABOVE EACH PEDESTRIAN PUSH-BUTTON AND ALIGNED SO THAT THE ARROW ON THE SIGN CORRESPONDS TO THE ASSOCIATED STREET CROSSING, CROSSWALK AND PEDESTRIAN ACCESS ROUTE. THE SIGNS WILL BE FURNISHED AND INSTALLED BY THE CONTRACTOR AND INCLUDED IN THE COST OF "PEDESTRIAN PUSH-BUTTON" AND "PEDESTRIAN PUSH-BUTTON, SPECIAL".
2. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
3. THE CONCRETE FOUNDATION FOR THE PEDESTRIAN PUSH-BUTTON POST SHALL BE INCLUDED IN THE COST OF THE "PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE I".
4. ALL HANDHOLES SHALL BE CAST-IN-PLACE PORTLAND CEMENT CONCRETE (PER ARTICLE 814.03(a)), THE CAST IN PLACE LEGEND IN THE COVER SHALL BE "TRAFFIC SIGNALS". SLOPE HANDHOLE COVERS TO MATCH PROPOSED GRADE ELEVATIONS.



CABLE DIAGRAM LEGEND

- PROPOSED ELECTRIC CABLE IN CONDUIT
- EXISTING ELECTRIC CABLE IN CONDUIT
- EXISTING CABLE SPLICE
- 2/C** INDICATES NUMBER OF CONDUCTORS IN CABLE
- TW SH** TWISTED AND SHIELDED CABLE
- #6** INDICATES AMERICAN WIRE GAUGE (AWG) SIZE 6 CONDUCTOR
- EXISTING SERVICE INSTALLATION

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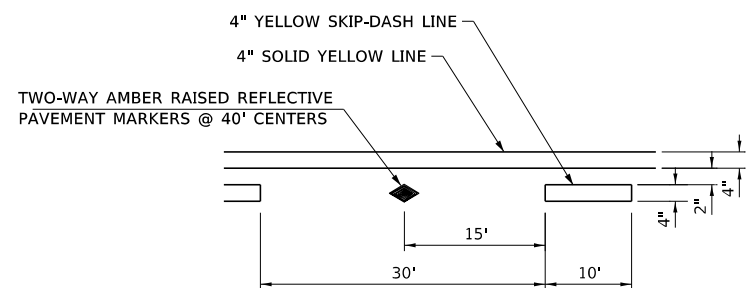
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

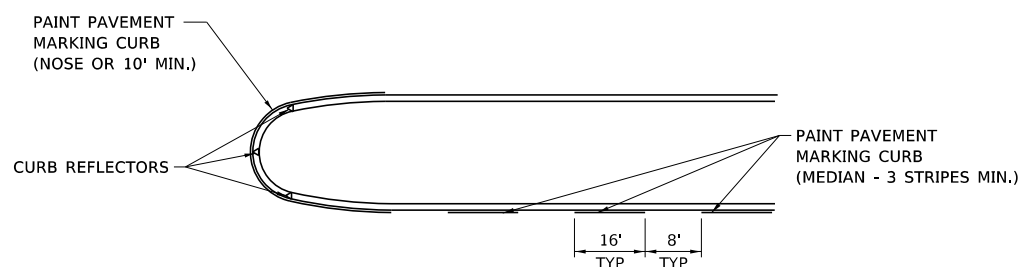
DETECTOR LOOP & ADA PEDESTRIAN
PUSH-BUTTON REPLACEMENT
IL 157 & O'FALLON DR. (2 OF 2)

SCALE: SHEET OF SHEETS STA. TO STA.

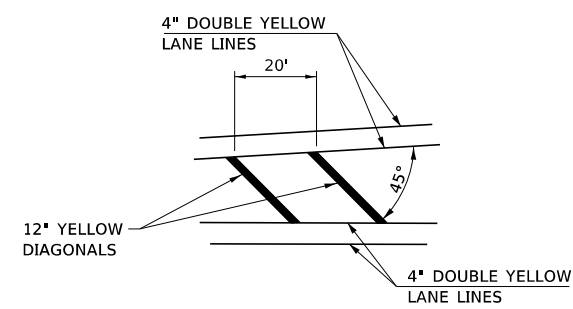
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			CONTRACT NO. 76K77	
		ILLINOIS	FED. AID PROJECT	



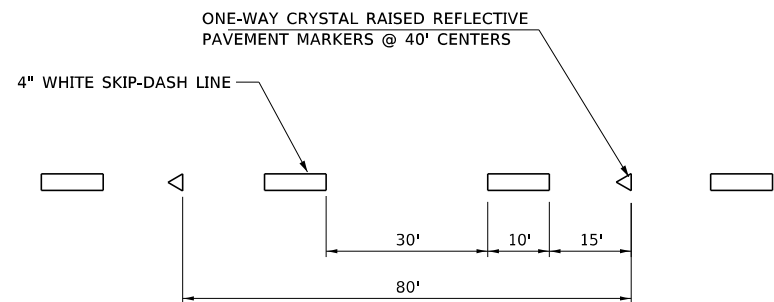
TYPICAL APPLICATION FOR YELLOW SKIP-DASH AND SOLID LANE LINE WITH RAISED REFLECTIVE PAVEMENT MARKERS



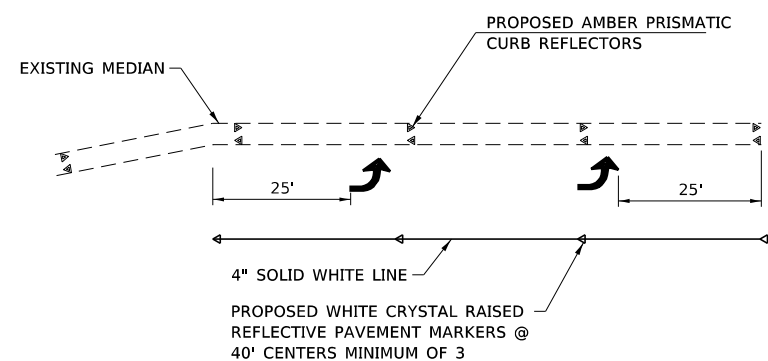
MEDIAN DETAIL



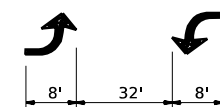
TYPICAL APPLICATION FOR MEDIAN STRIPING



TYPICAL APPLICATION FOR WHITE SKIP-DASH LINES WITH RAISED REFLECTIVE PAVEMENT MARKERS

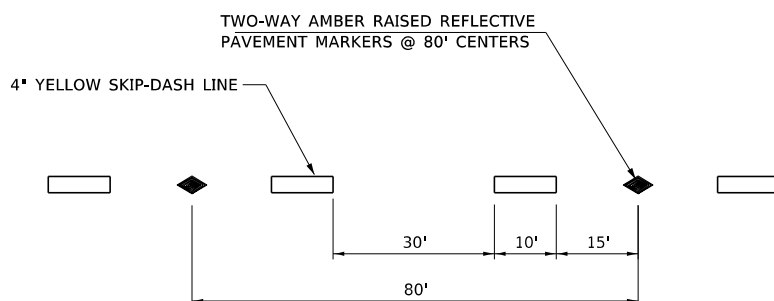


TYPICAL APPLICATION FOR LEFT TURN LANE

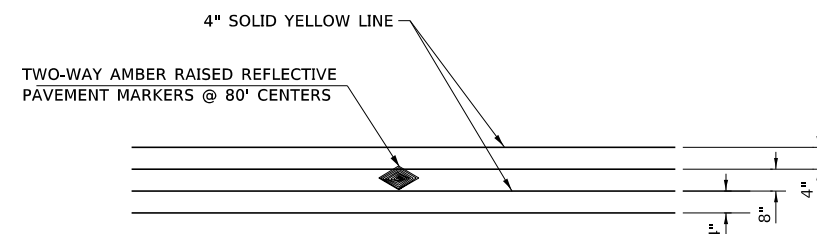


200' ON CENTER

BI-DIRECTIONAL TURN ARROW



TYPICAL APPLICATION FOR YELLOW SKIP-DASH LINES WITH RAISED REFLECTIVE PAVEMENT MARKERS



TYPICAL APPLICATION FOR DOUBLE YELLOW LANE LINES WITH RAISED REFLECTIVE PAVEMENT MARKERS

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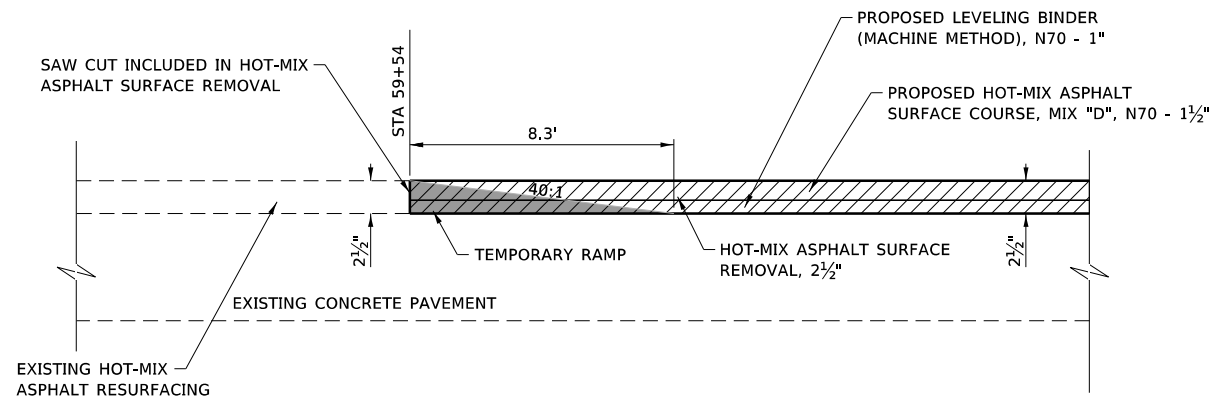
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PLOT DATE = 1/25/2018	DATE - 12/1/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP ROUTE 592 (IL ROUTE 157)
MISCELLANEOUS DETAILS

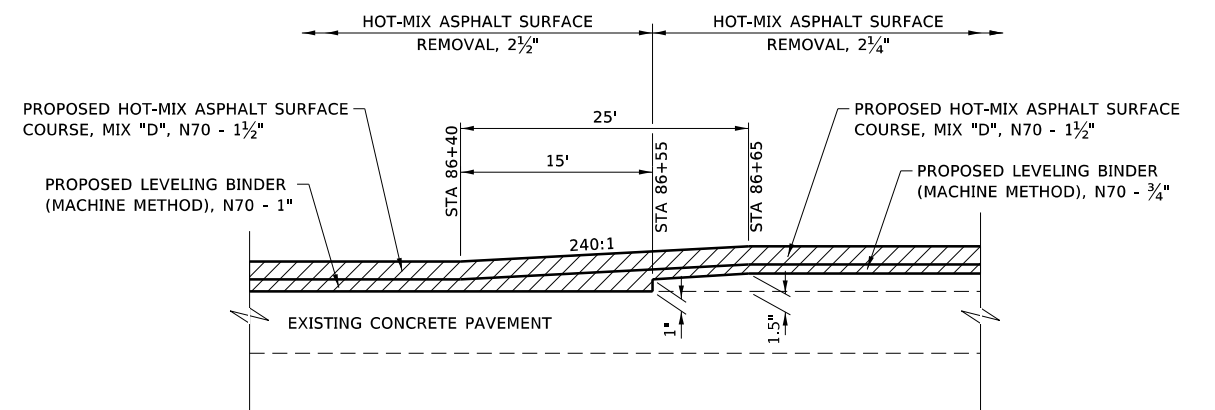
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 76K77				
ILLINOIS FED. AID PROJECT NHP-17X0 (370)				



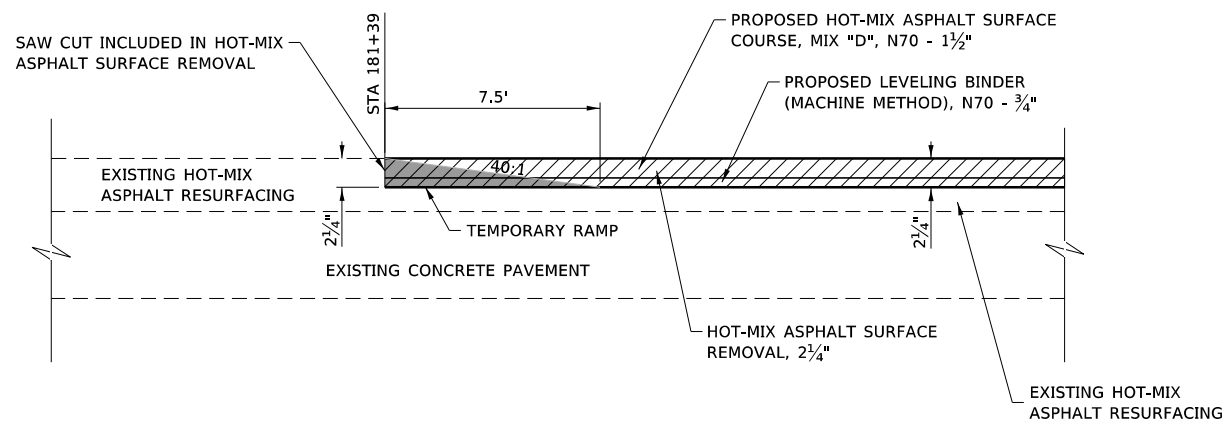
SURFACE TRANSITION DETAIL 1

NOT TO SCALE
STA 59+54



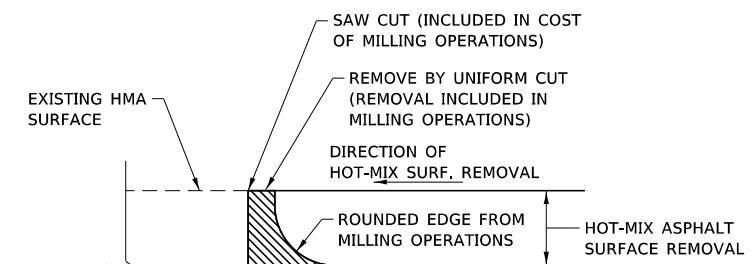
SURFACE TRANSITION DETAIL 2

STA 86+40 TO STA 86+65



SURFACE TRANSITION DETAIL 3

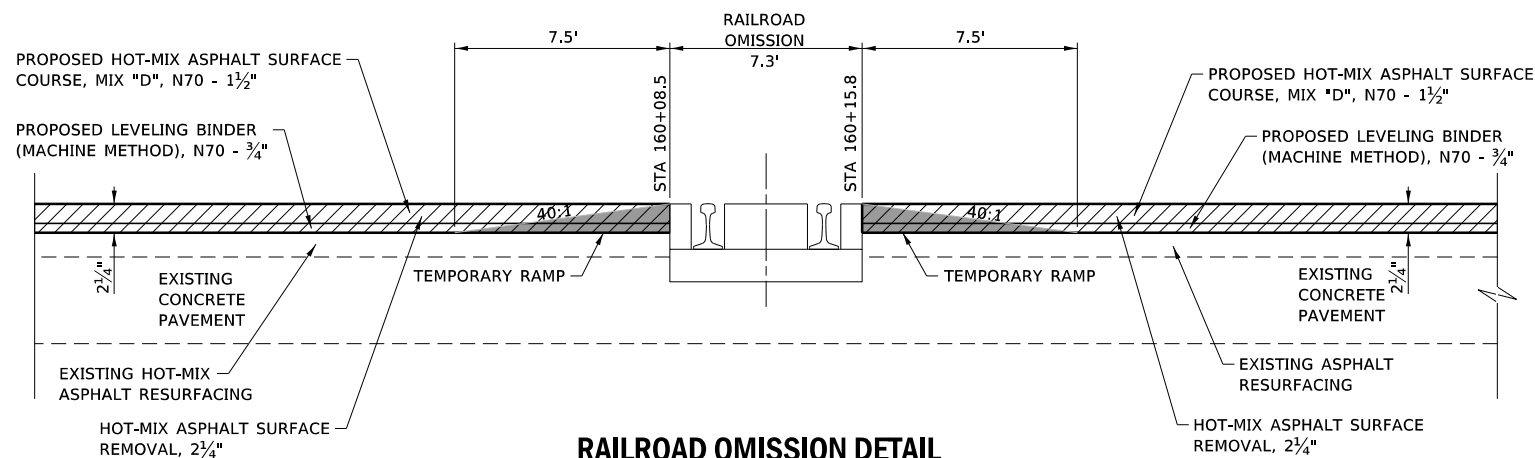
NOT TO SCALE
STA 181+39



NOTE: WHEN MILLING OPERATIONS PRODUCE A ROUNDED EDGE, THEN A SAW CUT SHALL BE USED TO MANUFACTURE A PERPENDICULAR EDGE AS SHOWN IN THE DETAIL. THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE USE OF THIS DETAIL.

MILLING DETAIL

NOT TO SCALE



RAILROAD OMISSION DETAIL

NOT TO SCALE
STA 160+08.5
STA 160+15.8

LEGEND



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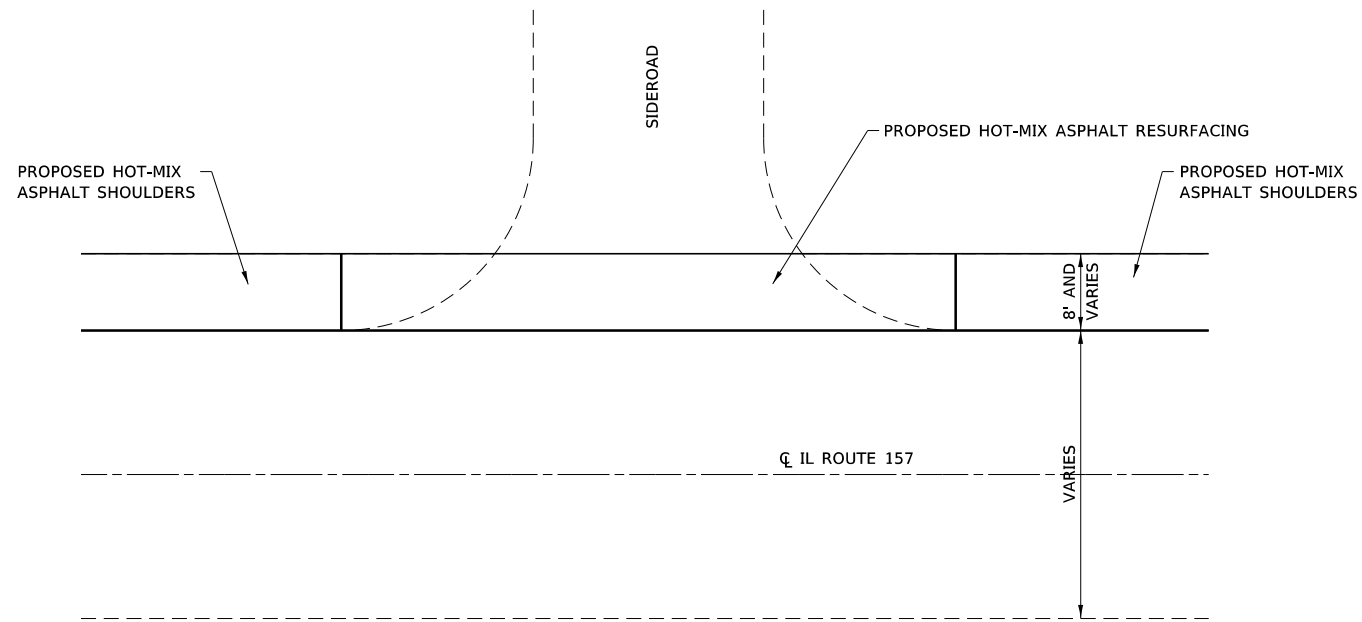
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP ROUTE 592 (IL ROUTE 157)
MISCELLANEOUS DETAILS

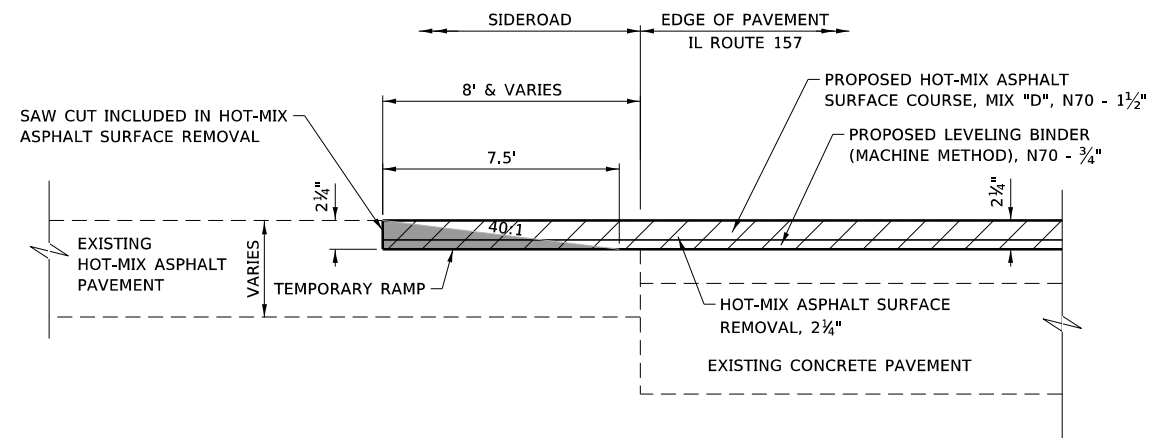
SCALE: NONE SHEET 2 OF 4 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117)RS-3	ST CLAIR	77	75
CONTRACT NO. 76K77				

ILLINOIS FED. AID PROJECT NHP-17X0 (370)

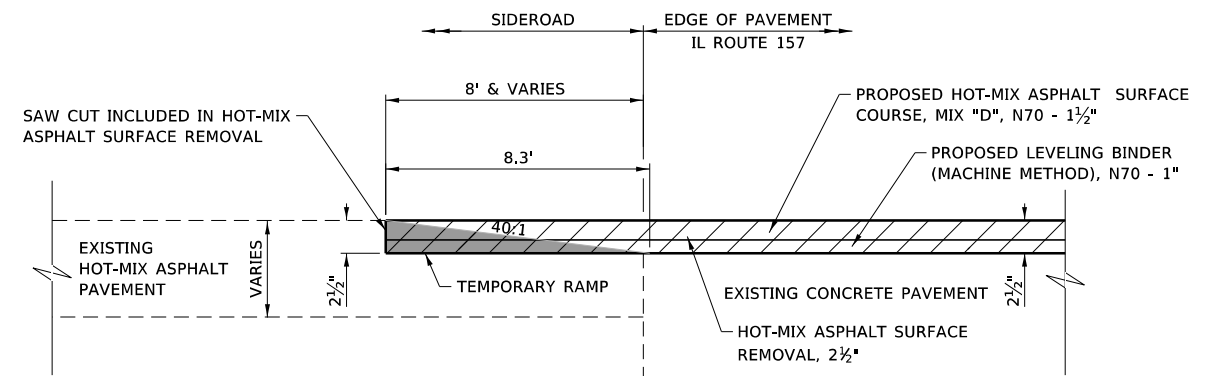


SIDEROAD DETAIL



SURFACE TRANSITION DETAIL AT SIDEROADS, 2 1/4"

NOT TO SCALE



SURFACE TRANSITION DETAIL AT SIDEROADS, 2 1/2"

NOT TO SCALE

FILE NAME: S:\Projects\416-0015-5HY_M0#5_IL_157_3P_Petroff_to_Med_Co_Line\Design\CADD_Sheets\0876K77-shr-detail.dgn



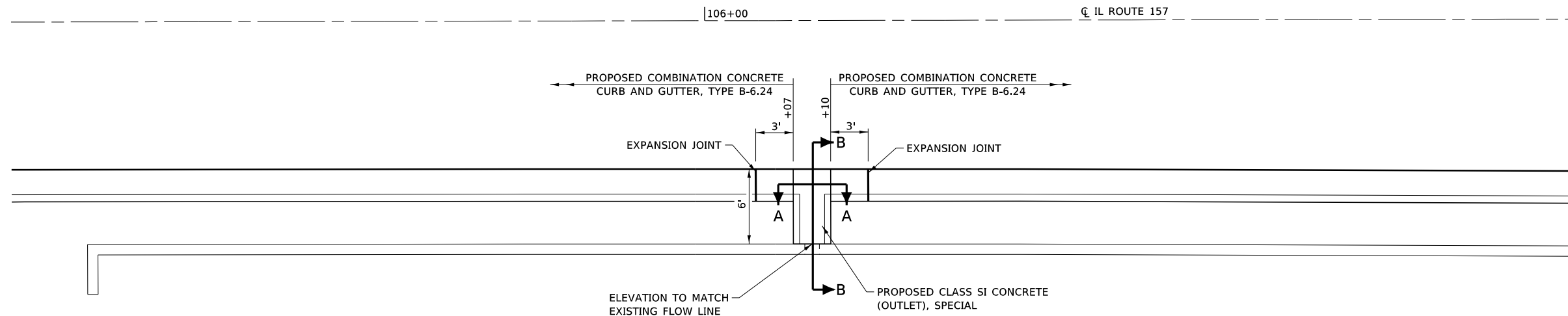
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MODEL NAME = DTL-13	DRAWN - PDB	REVISED -
PLOT SCALE = 20,0000' / in.	CHECKED - ESW	REVISED -
PLOT DATE = 1/25/2018	DATE - 12/27/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

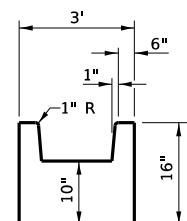
**FAP ROUTE 592 (IL ROUTE 157)
MISCELLANEOUS DETAILS**

SCALE: NONE SHEET 3 OF 4 SHEETS

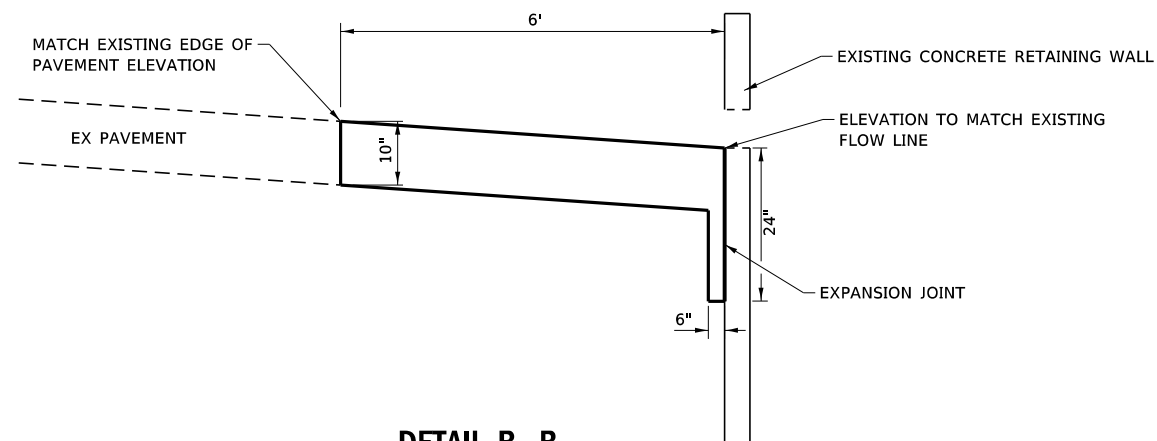
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117)RS-3	ST CLAIR	77	76
CONTRACT NO. 76K77				
ILLINOIS FED. AID PROJECT NHPP-W1X0 (370)				



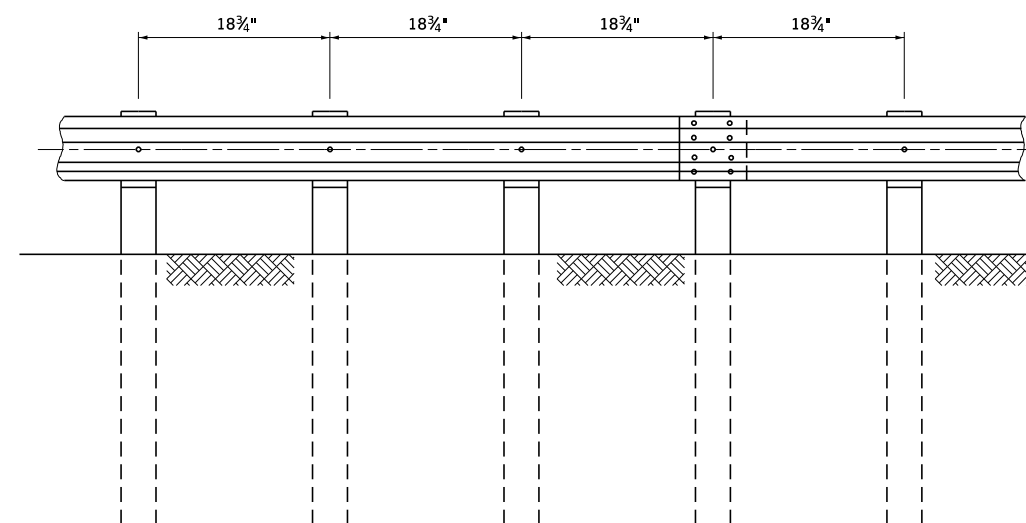
CONCRETE (OUTLET) SPECIAL DETAIL



DETAIL A - A



DETAIL B - B



STEEL PLATE BEAM GUARDRAIL, 6 FOOT POSTS, SPECIAL

18 3/4" CLOSED POST SPACING

FILE NAME: S:\Projects\416-0015-5HY_40#5_IL_157_3P_Petroff to Mad Co Line\Design\CADD_Sheets\0876677-shr-detail.dgn



USER NAME = ewelz	DESIGNED - ACM	REVISED -
MODEL NAME = DTL-14	DRAWN - PDB	REVISED -
PLOT SCALE = 20,0000' / in.	CHECKED - ESW	REVISED -
PLOT DATE = 1/25/2018	DATE - 12/1/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP ROUTE 592 (IL ROUTE 157)
MISCELLANEOUS DETAIL

SCALE: 1"=10'

SHEET 4 OF 4 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(119, 59, 118, 117)RS-3	ST CLAIR	77	77
CONTRACT NO. 76K77				
ILLINOIS FED. AID PROJECT NHPP-W1X0 (370)				