

03-10-2023 LETTING ITEM 046

SEE SHEET NO. 2 FOR INDEX OF SHEETS

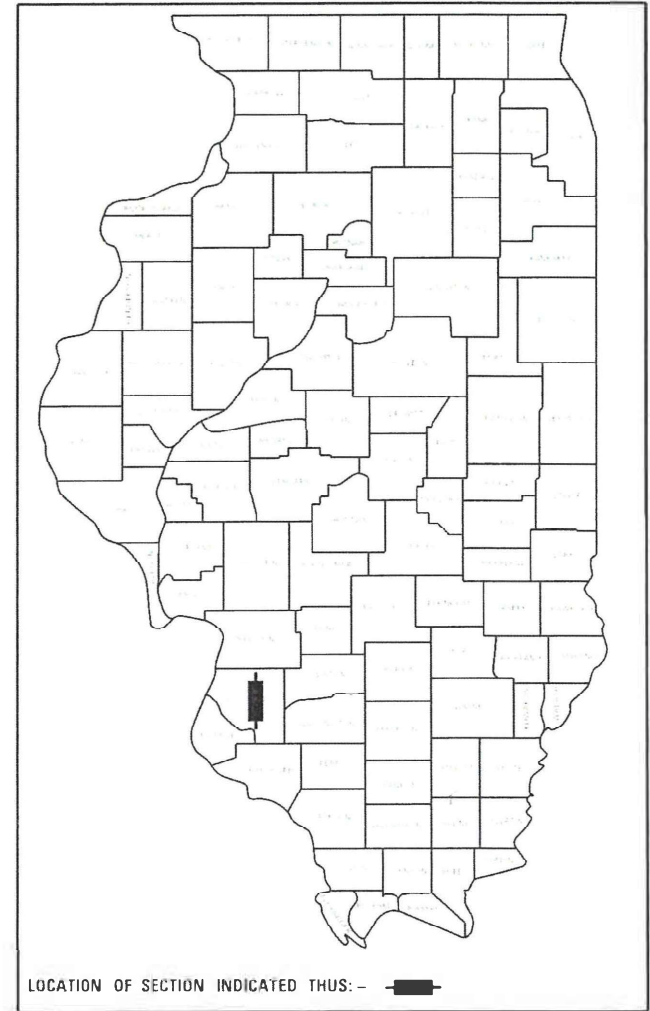
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED  
HIGHWAY PLANS

FAP 600 (IL ROUTE 159)  
SECTION 130,131RS-5  
PROJECT NHPP-BKM5(313)  
RESURFACING - DESIGNED OVERLAY & ADA UPGRADES  
ST. CLAIR COUNTY

FAP NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	130,131RS-5	ST. CLAIR	63	1
CONTRACT NO. 76M53				

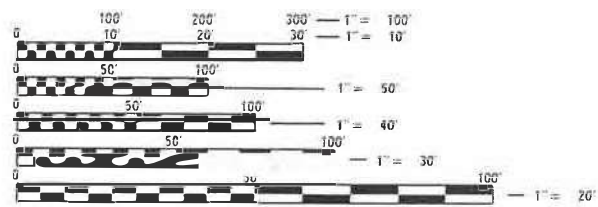
D-98-067-19



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OF THE STATE OF ILLINOIS

DESIGN INFORMATION

FUNCTIONAL CLASSIFICATION - PRINCIPAL ARTERIAL  
CURRENT ADT - 17,900 (IMV = 1.9%)



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

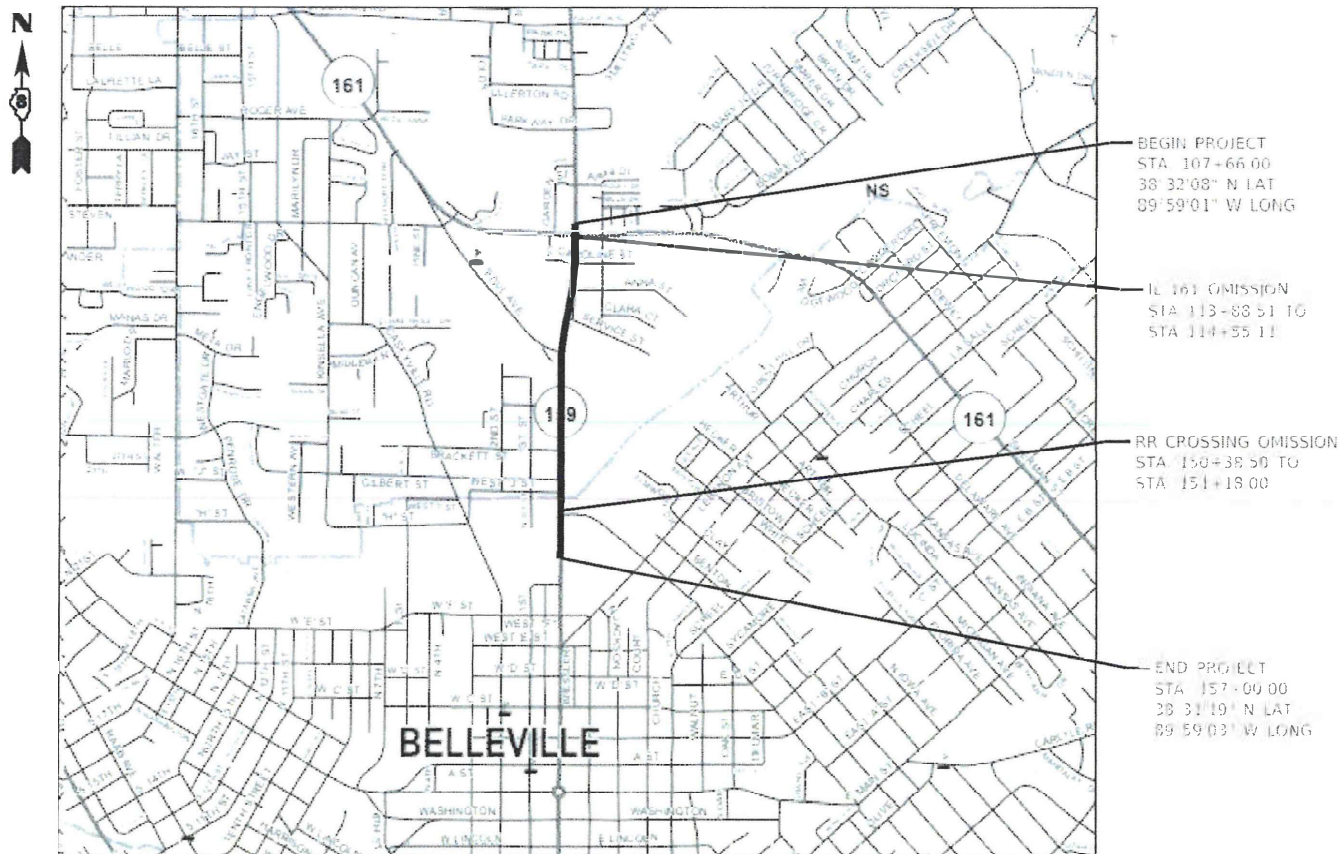
J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS  
1-800-892-0123  
OR 811

PROJECT ENGINEER BILLIE OWEN  
PROJECT MANAGER STEVEN KEEL

CONTRACT NO. 76M53

C-98-086-19

T 1N, R 8W



NOT TO SCALE

GROSS LENGTH = 4,934.0 FT. = 0.935 MILE  
NET LENGTH = 4,787.9 FT. = 0.907 MILE



*Mark A. O'Brien* 11-29-22  
MARK A. O'BRIEN, P.E.  
ILLINOIS REGISTERED ENGINEER NO. 062-066496  
REGISTRATION EXPIRES NOV. 30, 2023

**HMG** ENGINEERS  
HMG ENGINEERS, INC.  
9360 HOLY CROSS LANE  
BREESE, ILLINOIS 62230  
888.HMG.ENGR  
IL PROF. DESIGN FIRM NO. 184.000899  
EXPIRES 04/30/2023

PAGE	INDEX OF SHEETS
1	COVER SHEET
2	INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES, AND COMMITMENTS
3-6	SUMMARY OF QUANTITIES
7-11	TYPICAL SECTIONS
12-15	SCHEDULE OF QUANTITIES
16	LOCATION MAP
17-18	ALIGNMENTS, TIES & BENCHMARKS
19-20	COORDINATE CONTROL SHEETS
21-33	PLAT OF HIGHWAYS
34-38	TRAFFIC SIGNAL PLANS
39-41	DETECTOR LOOP REPLACEMENT PLANS
42	PAVEMENT MARKING LAYOUT IL 159 & IL 161
43-44	DETAILS - MEDIAN IMPROVEMENTS
45-49	DETAILS - CURB RAMP IMPROVEMENTS
50	DETAILS - BUS STOP LOCATION MAP
51-62	DETAILS - BUS PAD IMPROVEMENTS
63	DETAILS - METRO BUS PAD DETAIL SHEET

HIGHWAY STANDARDS				
000001-08	424026-03	701901-08	886006-01	
001001-02	606101-05	720001-01	442101-09	
001006	606301-04	782001-01	442201-03	
	701101-05	814001-03	606001-08	
353001-05	701106-02	857001-01	780001-05	
420001-10	701602-10	873001-02	805001-01	
420701-03	701606-10	876001-04		
424001-11	701611-01	878001-11		
424011-04	701701-10	880006-01		
424021-06	701801-06	886001-01		

**COMMITMENTS**

AS PART OF THE NEGOTIATED AGREEMENT WITH JARVIS COMPANIES, INC. (PROPERTY OWNER), PARCEL NO. 8108027, THE FOLLOWING COMMITMENT HAS BEEN MADE BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

THE DEPARTMENT WILL ENSURE THAT THE DRIVEWAY WILL NOT BE BLOCKED WHILE WORKERS ARE ON EXISTING RIGHT OF WAY.

ALL LANES OF IL ROUTE 159 SHALL BE OPEN TO TRAFFIC DURING THE 2024 SOLAR ECLIPSE FROM 7:00 A.M. ON SATURDAY APRIL 6, 2024 THROUGH 10:00 P.M. ON MONDAY APRIL 8, 2024.

**GENERAL NOTES**

1. UTILITIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA:

UTILITY	TYPE	AERIAL/BURIED
ADB COMPANIES	COMMUNICATIONS	AERIAL & BURIED
AMEREN ILLINOIS	GAS & ELECTRIC	AERIAL & BURIED
AT&T ILLINOIS	COMMUNICATIONS	AERIAL & BURIED
CITY OF BELLEVILLE	SANITARY SEWER	BURIED
CHARTER COM. INC.	CABLE TV	AERIAL & BURIED
FIDELITY COM. III, INC.	COMMUNICATIONS	AERIAL & BURIED
IL AMERICAN WATER COMPANY	WATER	BURIED
MCI NETWORK SERVICES, INC.	COMMUNICATIONS	AERIAL & BURIED
METRO	ELECTRIC	AERIAL & BURIED
VILLAGE OF SWANSEA	SANITARY SEWER	BURIED
WINDSTREAM COMMUNICATIONS	COMMUNICATIONS	AERIAL & BURIED

THE FOLLOWING FACILITIES ARE NOT MEMBERS OF J.U.L.I.E.:

ILLINOIS DEPARTMENT OF TRANSPORTATION

2. NO SURVEY WAS PERFORMED FOR THIS PROJECT AND THE PLANS WERE CREATED USING MICROFILM AND FIELD MEASUREMENTS, EXCEPT FOR AREAS WHERE ADA RAMPS ARE TO BE RECONSTRUCTED AND WHERE BUS PADS ARE TO BE CONSTRUCTED.

3. THE USE OF VIBRATORY ROLLERS WILL NOT BE PERMITTED FOR THIS PROJECT. THIS DOES NOT RELIEVE THE CONTRACTOR OF DENSITY REQUIREMENTS FOR THE CONSTRUCTION OF THE BITUMINOUS PAVEMENTS AS SPECIFIED IN SECTIONS 406 & 407 OF THE STANDARD SPECIFICATIONS.

4. THE PROPOSED PAVEMENT MARKING SHALL MATCH THE LOCATIONS OF THE EXISTING MARKING, AS DIRECTED BY THE ENGINEER.

5. IF THE CONTRACTOR, FOR HIS CONSTRUCTION ACTIVITY, REMOVES TREES WITHIN THE RIGHT-OF-WAY LIMITS WHICH ARE NOT DESIGNATED ON THE PLANS FOR REMOVAL, I.E. IN ORDER TO GAIN ACCESS TO THE PROJECT SITE, IT WILL BE HIS RESPONSIBILITY TO REPLACE THE TREES AT A 1:1 RATIO. THE TREES WILL BE REPLACED WITH A 1 GALLON NATIVE ILLINOIS TREE SPECIES AND SHALL BE APPROVED BY THE ENGINEER. THE TREE REMOVAL AND TREE REPLACEMENT WILL BE AT THE CONTRACTOR'S EXPENSE, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

6. THE RESIDENT ENGINEER SHALL VERIFY THE EXISTENCE OF HIGHWAY LIGHTING, INTELLIGENT TRANSPORTATION SYSTEMS (I.T.S.) UTILITIES, AND/OR ELECTRICAL CABLES ASSOCIATED WITH TRAFFIC SIGNALS WITHIN THE PROJECT LIMITS. IF ANY OF THESE EXIST WITHIN THE PROJECT LIMITS, AND IF THESE ITEMS REQUIRE LOCATING, THE CONTRACTOR SHALL BE DIRECTED TO DO SO ACCORDING TO SECTION 803 OF THE STANDARD SPECIFICATIONS. THIS WORK SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

7. 4 CHANGEABLE MESSAGE SIGNS SHALL BE REQUIRED FOR THIS PROJECT. THEY SHALL BE PLACED TWO WEEKS PRIOR TO ANY LANE CLOSURE AND SHALL REMAIN UP FOR THE DURATION OF THE PROJECT. THE CHANGEABLE MESSAGE SIGNS SHALL BE PLACED ALONG IL 161 & IL 159 OR AT THE DIRECTION OF THE ENGINEER.

8. THE CONTRACTOR SHALL PROVIDE POSITIVE AND ADEQUATE DRAINAGE AT ALL LOCATIONS AT ALL TIMES. THIS MAY INCLUDE, BUT IS NOT LIMITED TO, REPLACEMENT OR RECONSTRUCTION OF EXISTING DRAINAGE STRUCTURES THAT HAVE BEEN DAMAGED OR REMOVED, REGRADING, PLUGGING ABANDON PIPES, OR OTHER ACTIVITIES REQUIRED BY THE ENGINEER.

9. 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.

10. ONLY SHORT TERM PAVEMENT MARKING REMOVAL FROM THE FINAL SURFACE SHALL BE PAID FOR AS "SHORT TERM PAVEMENT MARKING REMOVAL."

11. THE INTENT OF THE MILLING IS TO REMOVE THE HMA SURFACE ONLY. THE UNDERLYING CONCRETE SHALL NOT BE DISTURBED.

12. THE CONTRACTOR SHALL BE AWARE THAT THERE ARE MANHOLES & VALVES LOCATED WITHIN THE RESURFACING LIMITS. CARE SHALL BE TAKEN IN THESE LOCATIONS DURING MILLING OPERATIONS.

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. ALL RIGHT-OF-WAY MONUMENTS AND PROPERTY CORNERS SHALL BE SET BY AN ILLINOIS PROFESSIONAL LAND SURVEYOR WITH A DEPARTMENT PREQUALIFICATION IN "SPECIAL SERVICES - SURVEYING."

16. THE RIGHT-OF-WAY OR PROPERTY CORNER IS MONUMENTED WITH A 5/8" IRON ROD, THIRTY INCHES (30") IN LENGTH, WITH AN IDOT ALUMINUM CAP, OR OTHER PRE-EXISTING CORNER MONUMENT, WHICH SHALL NOT BE REMOVED, DAMAGED OR DISTURBED WHEN SETTING THE RIGHT-OF-WAY MARKER. THE RIGHT-OF-WAY MARKER SHALL BE INSTALLED SO THAT THE BACK OF THE POST IS TWELVE INCHES (12") INSIDE THE RIGHT-OF-WAY BOUNDARY. THE RIGHT-OF-WAY MARKER SHALL BE A WITNESS TO THE MONUMENT.

17. FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

AGGREGATE (SURFACE, BASE, & BACKFILL)	2.0 TON/CU YD
BITUMINOUS MATERIALS:	
TACK COAT FOR BITUMINOUS CONCRETE:	
-ON PAVEMENT	0.0002 TON/SQ YD
-ON COLD MILLED SURFACE	0.0002 TON/SQ YD
-FOG COAT ON NEW BINDER	0.00011 TON/SQ YD

18. THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

ROUTE	FAP 600 (IL 159)
SECTION	130.131RS-5
COUNTY	ST. CLAIR
CONTRACT	76M53

DESCRIPTION: RESURFACING - DESIGNED OVERLAY OF FAP 600(IL 159) FROM ALEXA DR. TO 0.1 MILES SOUTH OF DOUGLAS AVE.

ADT (CONST. YR)	18,700
MU%	1.9%
SU%	1.9%
20 YR. ESAL'S	2.67

MIXTURE USE	POLY SURFACE	BINDER	PATCHING
AC/PG	SBS PG 76-22	PG 64-22	PG 64-22
RAP % (MAX)	SEE SPECIAL PROVISION	SEE SPECIAL PROVISION	SEE SPECIAL PROVISION
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Neds=70	4.0% @ Neds=70
MIX COMPOSITION	IL 9.5	IL 19.0	IL 19.0
FRICTION AGG	MIXTURE "D"	MIXTURE "B"	MIXTURE "B"
QUALITY MGMT PROG.	QCP	QCP	QC/QA
MatTranDev Required?	YES	YES	NO

REV. - MS

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	DRAWN = M.O'BRIEN	REVISED =
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PLOT DATE = 11/28/2022	DATE =	REVISED =

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, HIGHWAY STANDARDS,  
GENERAL NOTES & COMMITMENTS

SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. T0 STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	130.131RS-5	ST. CLAIR	63	2
				CONTRACT NO. 76M53
ILLINOIS FED. AID PROJECT NHPP-BKMS(313)				



80% FED 20% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				ROADWAY	SAFETY
				0005 URBAN	0021 URBAN
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	137		137
60609300	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.12 (ABUTTING EXISTING PAVEMENT)	FOOT	41.5	41.5	
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	1758	1758	
60622800	CONCRETE MEDIAN, TYPE SM-6.12	SQ FT	925	925	
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	185	185	
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	11	11	
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1	
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1	
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	15	15	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6	
67100100	MOBILIZATION	L SUM	1	1	
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1	
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1	

80% FED 20% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				ROADWAY	SAFETY
				0005 URBAN	0021 URBAN
70102634	TRAFFIC CONTROL AND PROTECTION, STANDARD 701611	L SUM	1	1	
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1	
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1	
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	560	560	
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	5264	5264	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	881	881	
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	447	447	
70300221	TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT	FOOT	19298	19298	
70300241	TEMPORARY PAVEMENT MARKING - LINE 6" - PAINT	FOOT	609	609	
70300251	TEMPORARY PAVEMENT MARKING - LINE 8" - PAINT	FOOT	36	36	
70300261	TEMPORARY PAVEMENT MARKING - LINE 12" - PAINT	FOOT	1288	1288	
70300281	TEMPORARY PAVEMENT MARKING - LINE 24" - PAINT	FOOT	348	348	
* 72000100	SIGN PANEL - TYPE 1	SQ FT	10		10

\* SPECIALTY ITEM

REV. - MS

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	130,131RS-5	ST. CLAIR	63	4
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76M53	
			NHPP-BKM5(313)	

80% FED 20% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				ROADWAY	SAFETY
				0005 URBAN	0021 URBAN
72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	7	7	
* 78004600	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LETTERS AND SYMBOLS	SQ FT	447	447	
* 78004620	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 4"	FOOT	19298	19298	
* 78004630	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 6"	FOOT	609	609	
* 78004640	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 8"	FOOT	36	36	
* 78004660	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 12"	FOOT	1288	1288	
* 78004720	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 24"	FOOT	348	348	
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	19298	19298	
* 78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	609	609	
* 78011045	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	36	36	
* 78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	1288	1288	
* 78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	348	348	
* 78200020	CURB REFLECTORS	EACH	239	239	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	285	285	

\* SPECIALTY ITEM

80% FED 20% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				ROADWAY	SAFETY
				0005 URBAN	0021 URBAN
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	9186	9186	
* 81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	13		13
* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	41		41
* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	13		13
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	4		4
* 88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	10		10
* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	1405	1405	
* 89502200	MODIFY EXISTING CONTROLLER	EACH	2		2
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2		2
X2501020	SEEDING, CLASS 2A (SPECIAL)	ACRE	0.25		0.25
X4240430	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL	SQ FT	2414		2414
X4240440	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH, SPECIAL	SQ FT	1658		1658
X6660445	RIGHT OF WAY AND PROPERTY CORNERS	EACH	16	16	
* X7800100	PAINT PAVEMENT MARKING - RAISED MEDIAN	SQ FT	166	166	

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

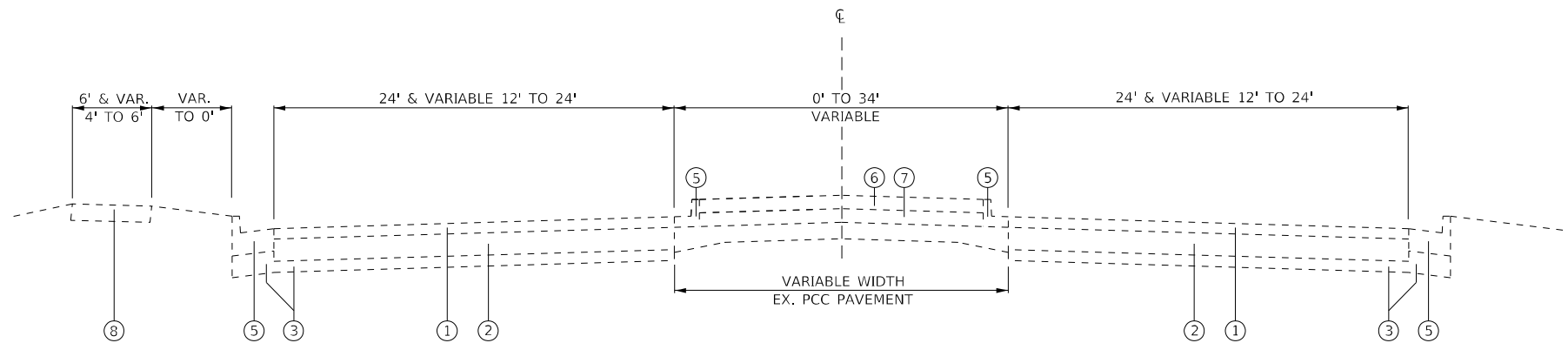
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	130,131RS-5	ST. CLAIR	63	5
CONTRACT NO. 76M53			ILLINOIS FED. AID PROJECT NHPP-BKM5(313)	



NOTE: FLUSH MEDIAN PAVEMENT  
 0' TO 20' - STA. 7+66.00 TO STA. 111+70.51  
 18' TO 15' - STA. 117+40.21 TO STA. 125+61.88  
 18' - STA. 127+94.48 TO STA. 128+53.00  
 10' TO 20' - STA. 129+90.77 TO STA. 130+36.00

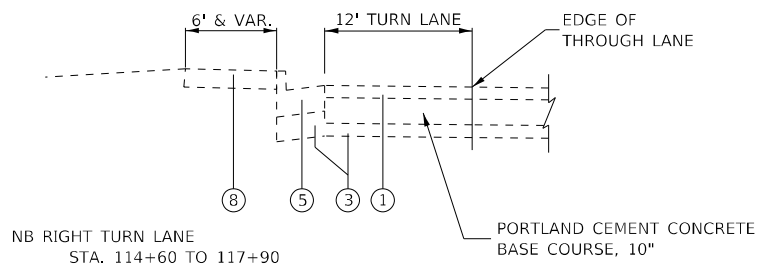
CONCRETE MEDIAN PAVEMENT  
 0' TO 4' - STA. 111+70.51 TO STA. 113+57.00  
 0' TO 14' - STA. 114+81.00 TO STA. 117+40.21  
 0' TO 14' - STA. 125+61.88 TO STA. 126+50.71  
 0' TO 16' - STA. 126+57.32 TO STA. 127+94.48  
 0' TO 16' - STA. 128+53.00 TO STA. 129+90.77



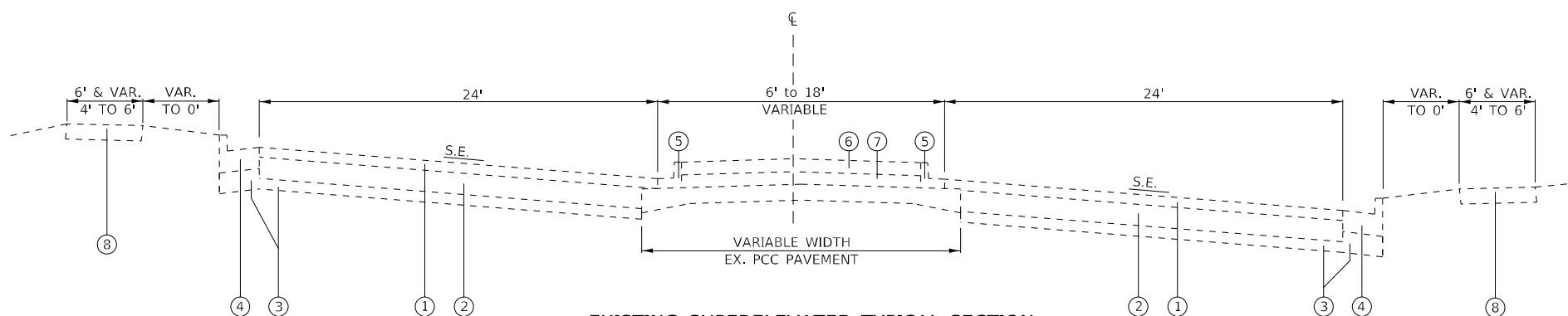
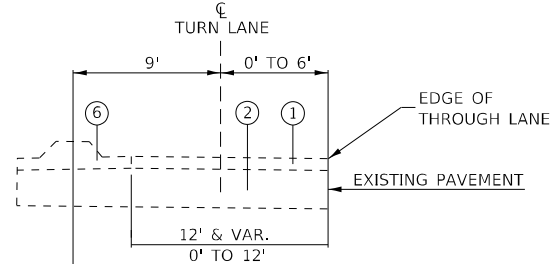
**EXISTING TYPICAL SECTION  
 IL 159**

STA. 107+66.00 TO STA. 116+98.93  
 OMIT STA. 113+88.51 TO 114+55.11 (IL 161)

- ① EXISTING BITUMINOUS SURFACE, VARIABLE DEPTH
- ② EXISTING PORTLAND CEMENT CONCRETE BASE COURSE, 8"
- ③ EXISTING SUB-BASE GRANULAR MATERIAL
- ④ EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B 6.24
- ⑤ EXISTING COMBINATION CONCRETE CURB AND GUTTER TY M6.12 OR TY M6.12 (DOWELLED)
- ⑥ EXISTING CONCRETE MEDIAN SURFACE
- ⑦ EXISTING COMPACTED SAND
- ⑧ EXISTING CONCRETE SIDEWALK



NOTE: NO EXISTING SIDEWALK PRESENT FROM  
 STA. 119+00 RT TO STA. 122+67.53 RT  
 STA. 127+00 RT TO STA. 132.64.76 RT



**EXISTING SUPERELEVATED TYPICAL SECTION  
 IL 159**

STA. 116+98.93 TO STA. 122+67.53 S.E. LEFT  
 STA. 127+00.00 TO STA. 132.64.76 S.E. RIGHT

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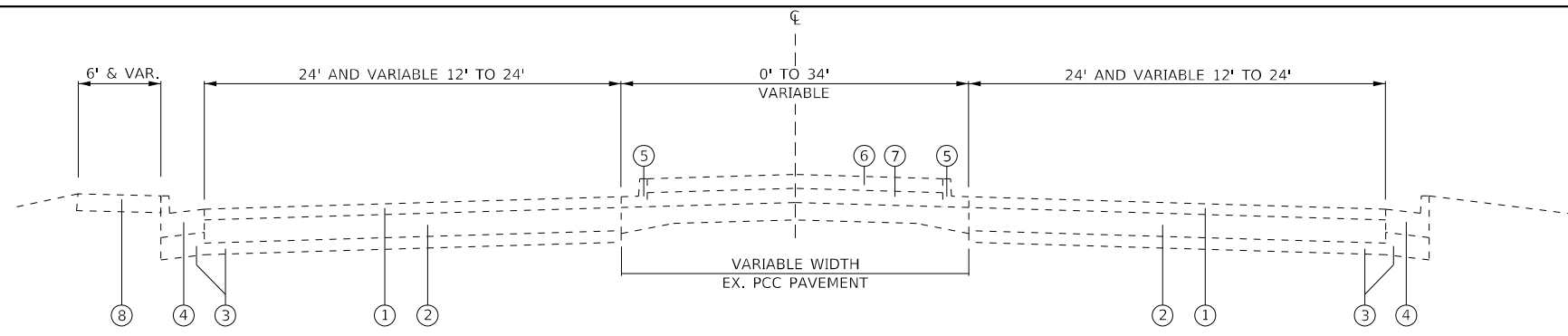
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: N.T.S. SHEET 1 OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	130,131RS-5	ST. CLAIR	63	7
CONTRACT NO. 76M53			ILLINOIS FED. AID PROJECT NHPP-BKM5(313)	



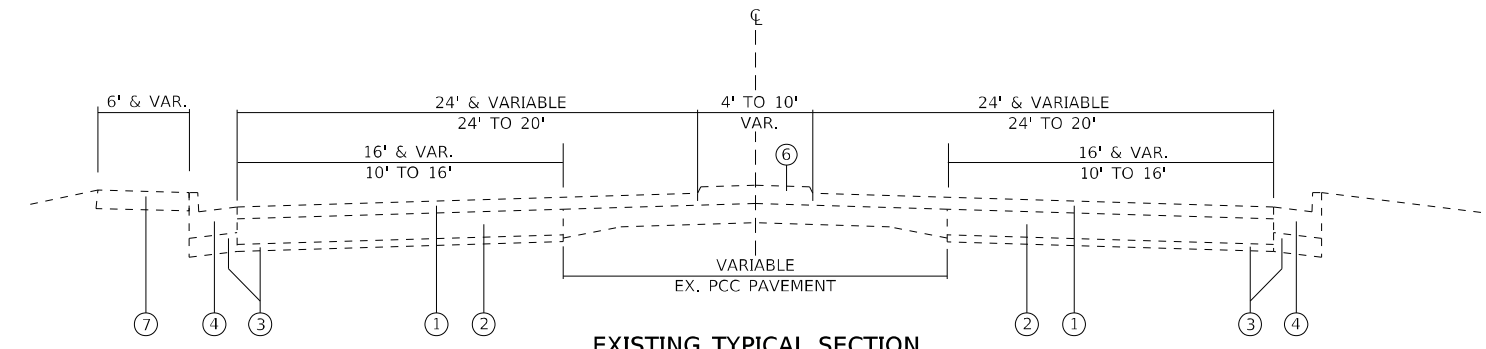
**EXISTING TYPICAL SECTION  
IL 159**

STA. 122+67.53 TO STA. 127+00.00  
STA. 132+64.76 TO STA. 136+27.00

NOTE: FLUSH MEDIAN PAVEMENT  
0' TO 20' - STA. 133+97.00 TO STA. 134+25.00  
0' TO 5' - STA. 142+50.00 TO STA. 143+60.00  
0' TO 10' - STA. 146+08.00 TO STA. 148+00.00  
0' TO 12' - STA. 151+75.00 TO STA. 154+00.00

CONCRETE MEDIAN PAVEMENT  
0' TO 14' - STA. 130+36.00 TO STA. 133+97.00  
0' TO 14' - STA. 134+25.00 TO STA. 36+27.00

CORRUGATED CONCRETE MEDIAN PAVEMENT  
0' TO 5' - STA. 134+60.92 TO STA. 142+50.00  
0' TO 5' - STA. 143+60.00 TO STA. 146+08.00

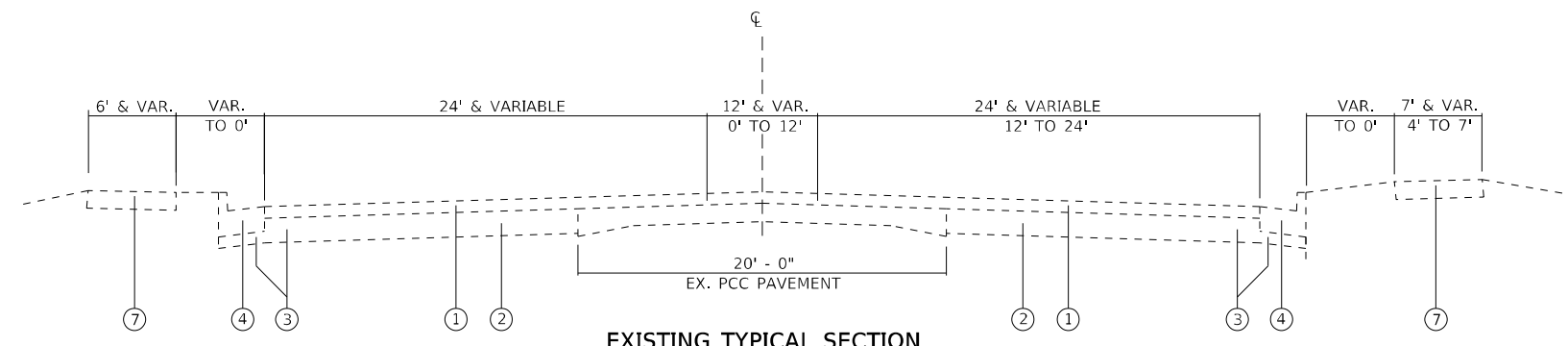


**EXISTING TYPICAL SECTION  
IL 159**

STA. 136+27.00 TO STA. 146+10

- ① EXISTING BITUMINOUS SURFACE, VARIABLE DEPTH
- ② EXISTING PORTLAND CEMENT CONCRETE BASE COURSE, 8"
- ③ EXISTING SUB-BASE GRANULAR MATERIAL
- ④ EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B 6.24
- ⑤ EXISTING COMBINATION CONCRETE CURB AND GUTTER TY M6.12 OR TY M6.12 (DOWELLED)
- ⑥ EXISTING CONCRETE MEDIAN SURFACE
- ⑦ EXISTING COMPACTED SAND
- ⑧ EXISTING CONCRETE SIDEWALK

NOTE: NO EXISTING SIDEWALK PRESENT FROM  
STA. 146+10 RT TO STA. 147+00 RT



**EXISTING TYPICAL SECTION  
IL 159**

STA. 146+10 TO STA. 157+00  
OMIT STA. 150+38.50 TO 151+18.00 (NORTHOLK SOUTHERN R.R.)

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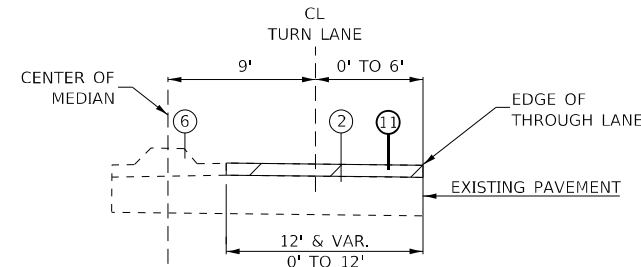
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

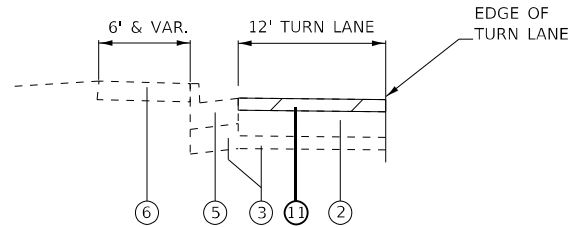
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	130,131RS-5	ST. CLAIR	49	8
CONTRACT NO. 76M53				
ILLINOIS FED. AID PROJECT NHPP-BKM5(313)				

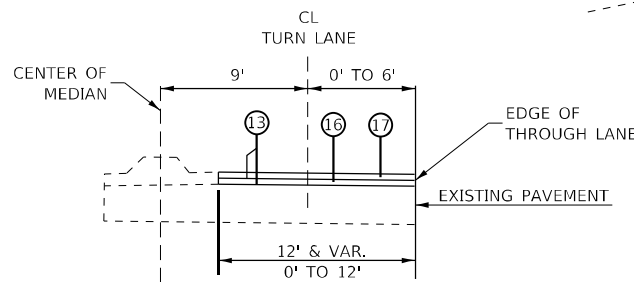




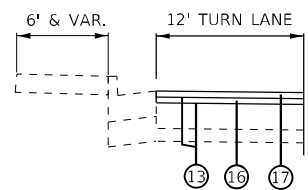
LEFT TURN LANE  
 SB STA. 109+78 TO STA. 113+78  
 NB STA. 114+55.11 TO STA. 118+13  
 NB STA. 130+35.91 TO STA. 133+61.09



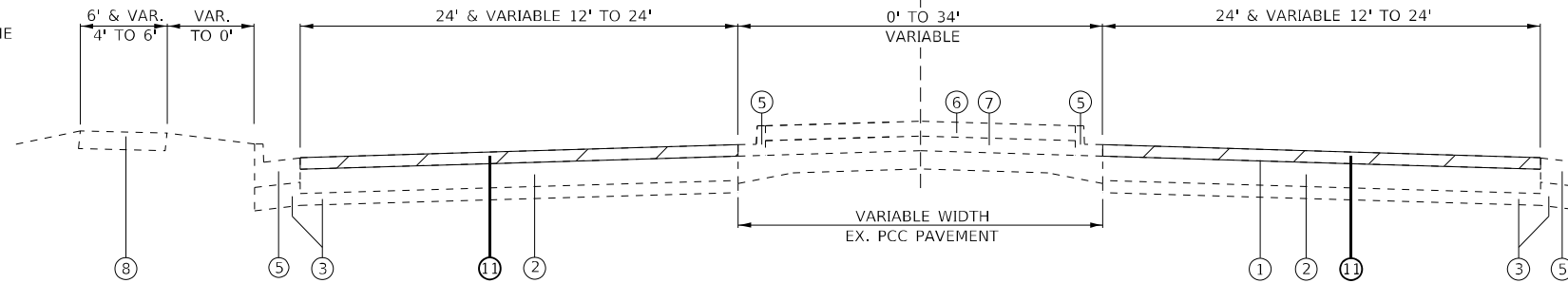
NB RIGHT TURN LANE  
 STA. 114+55.11 TO 117+90



LEFT TURN LANE  
 SB STA. 109+78 TO STA. 113+78  
 NB STA. 114+55.11 TO STA. 118+13  
 NB STA. 130+35.91 TO STA. 133+61.09



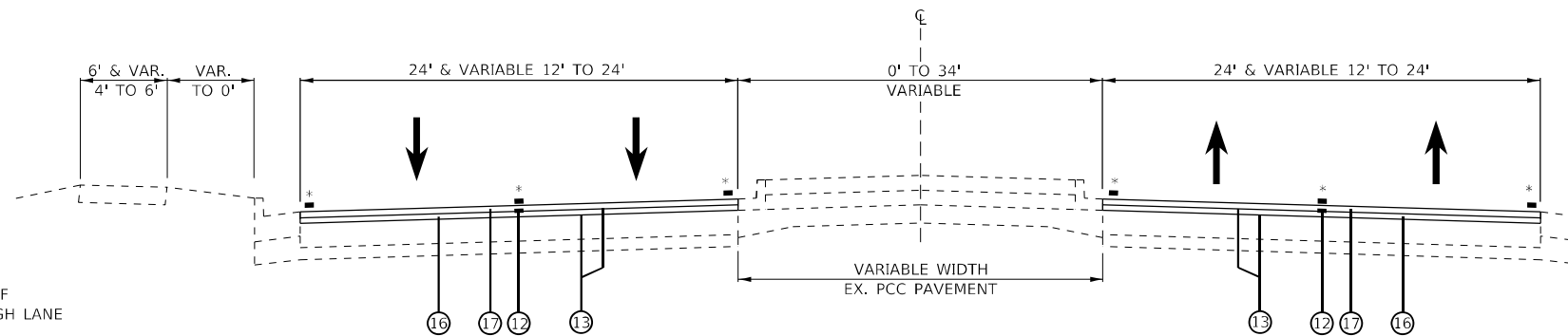
NB RIGHT TURN LANE  
 STA. 114+55.11 TO 117+90



**PROPOSED SURFACE REMOVAL  
 IL 159**

STA. 107+66.00 TO STA. 136+27  
 OMIT STA. 113+88.51 TO 114+55.11 (IL 161 INTERSECTION)

NOTES: PAINT PAVEMENT MARKING - RAISED MEDIAN SHALL BE USED TO PAINT EXISTING AND PROPOSED MEDIAN NOSES.



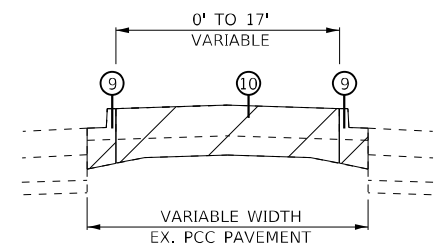
**PROPOSED RESURFACING  
 IL 159**

STA. 107+66.00 TO STA. 136+27  
 OMIT STA. 113+88.51 TO 114+55.11 (IL 161 INTERSECTION)

\* PROPOSED PREFORMED PLASTIC PAVEMENT MARKINGS, TYPE D  
 \*\* PAINT PAVEMENT MARKING CURB

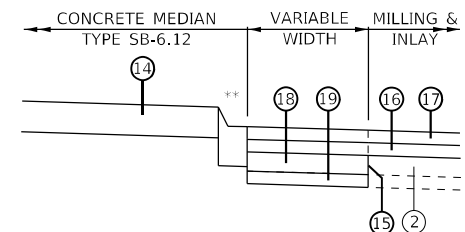
- ① EXISTING BITUMINOUS SURFACE, VARIABLE DEPTH
- ② EXISTING PORTLAND CEMENT CONCRETE BASE COURSE, 8"
- ③ EXISTING SUB-BASE GRANULAR MATERIAL
- ④ EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B 6.24
- ⑤ EXISTING COMBINATION CONCRETE CURB AND GUTTER TY M6.12 OR TY M6.12 (DOWELLED)
- ⑥ EXISTING CONCRETE MEDIAN SURFACE
- ⑦ EXISTING COMPACTED SAND
- ⑧ EXISTING CONCRETE SIDEWALK

- ⑨ PROPOSED CURB & GUTTER REMOVAL
- ⑩ PROPOSED MEDIAN REMOVAL
- ⑪ PROPOSED BITUMINOUS SURFACE REMOVAL, 3 3/4"
- ⑫ PROPOSED LONGITUDINAL JOINT SEALANT
- ⑬ PROPOSED BITUMINOUS MATERIALS, TACK COAT
- ⑭ PROPOSED CONCRETE MEDIAN TYPE SB-6.12
- ⑮ PROPOSED LONGITUDINAL CONSTRUCTION JOINT
- ⑯ PROPOSED HMA BINDER COURSE, 2 1/4"
- ⑰ PROPOSED HMA SURFACE COURSE, 1 1/2"
- ⑱ PROPOSED PCC BASE COURSE, 12"
- ⑲ PROPOSED AGGREGATE BASE COURSE TY B, 4"

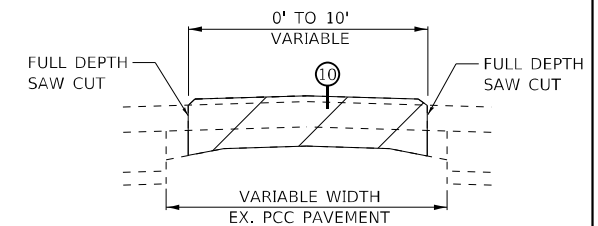


MEDIAN REMOVAL  
 STA. 125+61.88 TO STA. 126+50.71  
 STA. 126+57.32 TO STA. 127+94.48  
 STA. 128+96.92 TO STA. 129+90.77

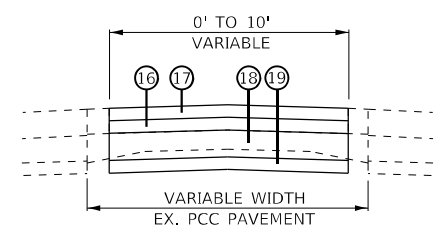
CURB AND GUTTER REMOVAL  
 STA. 125+61.88 TO STA. 126+50.71  
 STA. 126+57.32 TO STA. 127+94.48  
 STA. 128+96.92 TO STA. 129+90.77



PROPOSED MEDIAN  
 STA. 125+96.99 TO STA. 126+70  
 STA. 128+96.92 TO STA. 129+75



MEDIAN REMOVAL TY C-4 (DOWELLED)  
 STA. 134+60 TO STA. 136+27



PROPOSED FLUSH MEDIAN  
 STA. 134+60 TO STA. 136+27

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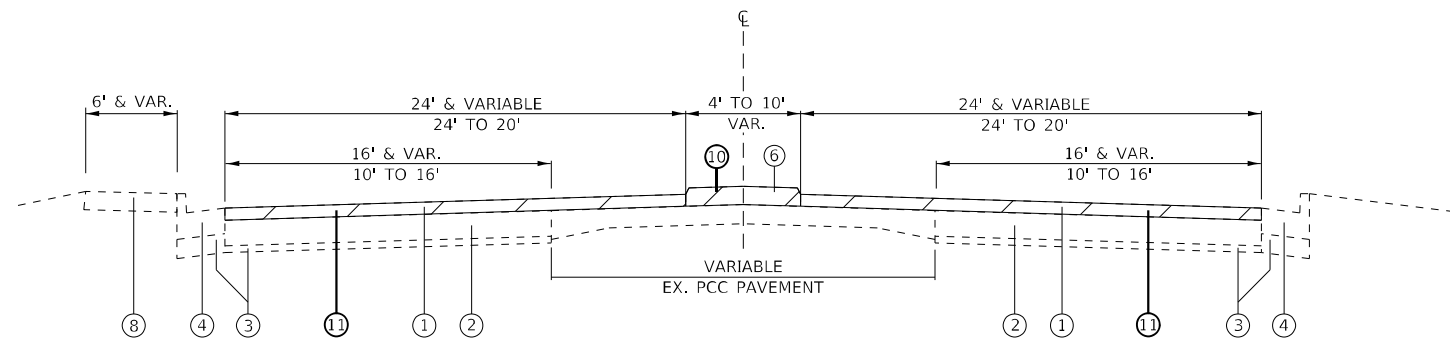
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

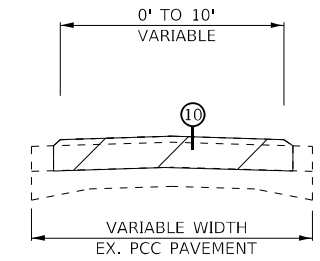
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	130,131RS-5	ST. CLAIR	49	9
CONTRACT NO. 76M53				
ILLINOIS FED. AID PROJECT NHPP-BKM5(313)				



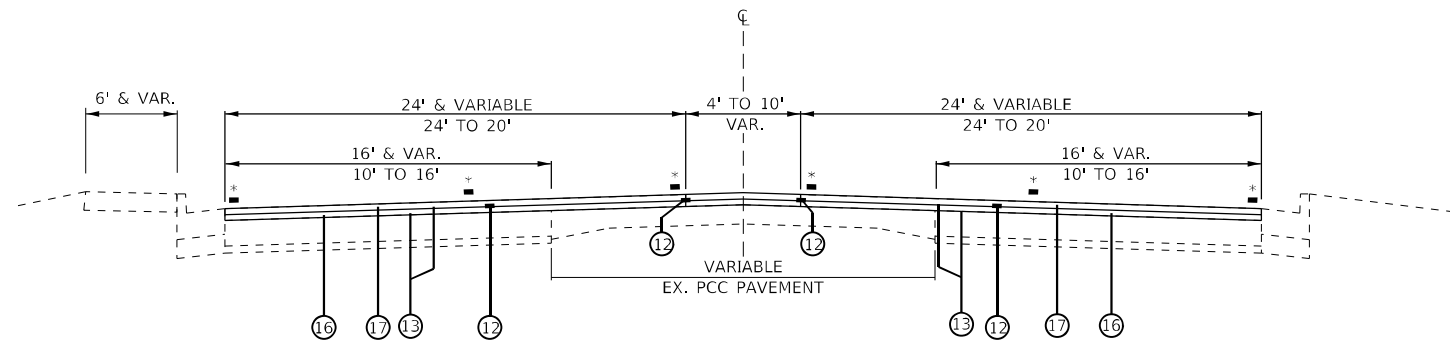
**PROPOSED SURFACE REMOVAL  
IL 159**

STA. 136+27.00 TO STA. 146+10



MEDIAN REMOVAL TY C-4 (DOWELLED)  
STA. 136+27.00 TO STA. 146+10

NOTES: PAINT PAVEMENT MARKING - RAISED MEDIAN SHALL BE USED TO PAINT EXISTING AND PROPOSED MEDIAN NOSES.



**PROPOSED RESURFACING  
IL 159**

STA. 136+27.00 TO STA. 146+10

\* PROPOSED PREFORMED PLASTIC PAVEMENT MARKINGS, TYPE D

- ① EXISTING BITUMINOUS SURFACE, VARIABLE DEPTH
- ② EXISTING PORTLAND CEMENT CONCRETE BASE COURSE, 8"
- ③ EXISTING SUB-BASE GRANULAR MATERIAL
- ④ EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B 6.24
- ⑤ EXISTING COMBINATION CONCRETE CURB AND GUTTER TY M6.12 OR TY M6.12 (DOWELLED)
- ⑥ EXISTING CONCRETE MEDIAN SURFACE
- ⑦ EXISTING COMPACTED SAND
- ⑧ EXISTING CONCRETE SIDEWALK
- ⑨ PROPOSED CURB & GUTTER REMOVAL
- ⑩ PROPOSED MEDIAN REMOVAL
- ⑪ PROPOSED BITUMINOUS SURFACE REMOVAL, 3 3/4"
- ⑫ PROPOSED LONGITUDINAL JOINT SEALANT
- ⑬ PROPOSED BITUMINOUS MATERIALS, TACK COAT
- ⑭ PROPOSED CONCRETE MEDIAN TYPE SB-6.12
- ⑮ PROPOSED LONGITUDINAL CONSTRUCTION JOINT
- ⑯ PROPOSED HMA BINDER COURSE, 2 1/4"
- ⑰ PROPOSED HMA SURFACE COURSE, 1 1/2"
- ⑱ PROPOSED PCC BASE COURSE, 12"
- ⑲ PROPOSED AGGREGATE BASE COURSE TY B, 4"

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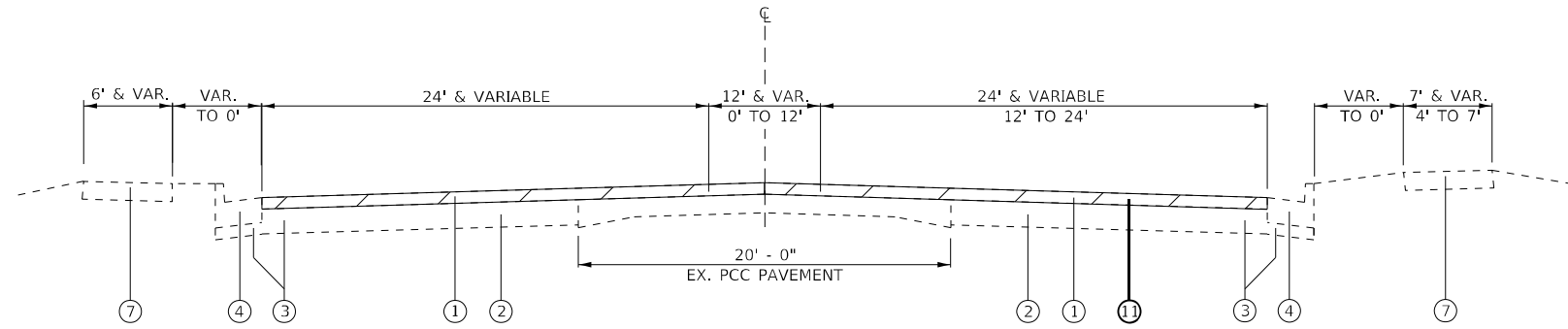
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: N.T.S. SHEET 4 OF SHEETS STA. TO STA.

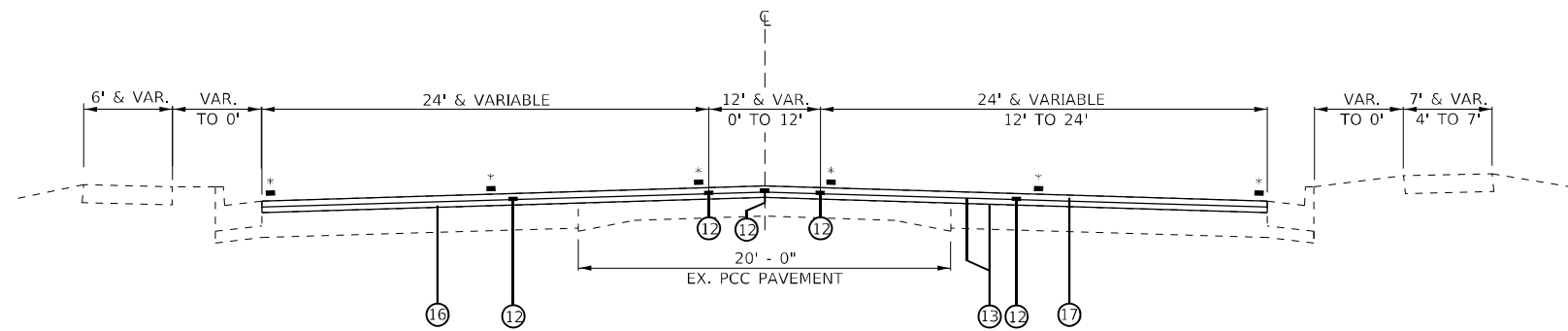
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	130,131RS-5	ST. CLAIR	49	10
CONTRACT NO. 76M53				
ILLINOIS FED. AID PROJECT NHPP-BKM5(313)				



**EXISTING TYPICAL SECTION  
IL 159**

STA. 146+10 TO STA. 157+00  
OMIT STA. 150+38.50 TO 151+18.00 (NORTHOLK SOUTHERN R.R.)

NOTES: PAINT PAVEMENT MARKING - RAISED MEDIAN SHALL BE USED TO PAINT EXISTING AND PROPOSED MEDIAN NOSES.



**PROPOSED RESURFACING  
IL 159**

STA. 146+10 TO STA. 157+00  
OMIT STA. 150+38.50 TO 151+18.00 (NORTHOLK SOUTHERN R.R.)

\* PROPOSED PREFORMED PLASTIC PAVEMENT MARKINGS, TYPE D

- ① EXISTING BITUMINOUS SURFACE, VARIABLE DEPTH
- ② EXISTING PORTLAND CEMENT CONCRETE BASE COURSE, 8"
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- ⑥ EXISTING CONCRETE MEDIAN SURFACE
- ⑦ EXISTING COMPACTED SAND
- ⑧ EXISTING CONCRETE SIDEWALK

- ⑨ PROPOSED CURB & GUTTER REMOVAL
- ⑩ PROPOSED MEDIAN REMOVAL
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- ⑫ PROPOSED LONGITUDINAL JOINT SEALANT
- ⑬ PROPOSED BITUMINOUS MATERIALS, TACK COAT
- ⑭ PROPOSED CONCRETE MEDIAN TYPE SB-6.12
- ⑮ PROPOSED LONGITUDINAL CONSTRUCTION JOINT
- ⑯ PROPOSED HMA BINDER COURSE, 2 1/4"
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- ⑱ PROPOSED PCC BASE COURSE, 12"
- ⑲ PROPOSED AGGREGATE BASE COURSE TY B, 4"

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	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS**

SCALE: N.T.S. SHEET 5 OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	130,131RS-5	ST. CLAIR	49	11
CONTRACT NO. 76M53				
ILLINOIS FED. AID PROJECT NHPP-BKM5(313)				

PAVING SCHEDULE

LOCATION	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 TON	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 TON	BITUMINOUS MATERIALS (TACK COAT) POUND	LONGITUDINAL JOINT SEALANT FOOT	HOT-MIX ASPHALT SURFACE REMOVAL, 3-3/4" SQ YD	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL EACH
IL 159						
STA 107+66 TO STA 113+88.51 (IL 161)	660.6	440.4	3539	1867.5	5242.3	30
<i>OMIT IL RTE 161 (STA 113+88.51 TO STA 114+55.11)</i>						
STA 114+55.11 (IL 161) TO STA 118+08 (E. CAROLINE ST.)	407.8	271.9	2185	1058.7	3236.2	19
STA 118+08 (E. CAROLINE ST.) TO STA 121+50	294	196	1575	1026	2332.9	27
STA 121+50 TO STA 125+50	326.4	217.6	1749	1200	2590.1	20
STA 125+50 TO STA 128+20	200.3	133.6	1073	810	1562.3	20
STA 128+50 TO STA 134+00	473.2	315.5	2535	1740	3749.5	22
STA 134+00 + STA 137+00.00	200.6	133.8	1075	1200	1592.0	15
STA 134+60.92 TO STA 142+50.00	48.1	32.1	258			
STA 137+00.00 TO STA 143+00.00	406.6	271.1	2179	2400	3226.9	45
STA 143+00.00 TO STA 150+46.99	535.8	357.2	2870	3735	4251.8	51
STA 143+60.00 TO STA 146+08.00	16.8	11.2	90			
<i>OMIT RAIROAD CROSSING (STA. 150+46.99 TO STA. 150+89.90)</i>						
STA 150+46.99 TO STA 156+86.83	451.4	300.9	2418	3050.5	3582.1	36.0
TOTALS	4022	2682	21546	18088	31366	285

BUS PAD & CURB RAMP UTILITY & SIGN ADJUSTMENT SCHEDULE

LOCATION	RELOCATE ELECTRIC SERVICE	MODIFY EXISTING CONCRETE HANDHOLE	REMOVE SIGN PANEL ASSEMBLY - TYPE A
	EACH	EACH	EACH
BUS PAD ID			
11424 (STA 110+4655)			
15381			1
15380			1
15389	1	1	
11253			2
11274			1
11255			1
11273			1
TOTALS	1	1	7

MEDIAN IMPROVEMENT SCHEDULE

LOCATION	AGGREGATE BASE COURSE, TYPE B 4" SQ YD	PORTLAND CEMENT CONCRETE BASE COURSE 12" SQ YD	TIE BARS, 3/4" EACH	COMBINATION CURB AND GUTTER REMOVAL FOOT	MEDIAN REMOVAL SQ FT	PAVEMENT REMOVAL SQ YD	PROTECTIVE COAT SQ YD	CLASS C PATCHES, TYPE II 12 INCH SQ YD	COMBINATION CONCRETE CURB & GUTTER, TYPE M-6.12 (ABUT. EX PVMT) FOOT	CONCRETE MEDIAN SURFACE, 4 INCH SQ FT	CONCRETE MEDIAN, TYPE SM-6.12 SQ FT
IL 159											
STA 125+60.97 TO STA 126+70.00	97.4	97.4	148								
STA 125+60.97 TO STA 127+94.48				106.1	2787.9	63.0	298.0			1757.8	924.6
STA 128+96.92 TO STA 129+93.14	95.4	95.4	135								
STA 129+59.20 TO STA 129+91.00				192	1369.3			13.0	41.5		
STA 134+60.92 TO STA 142+50.00	381.4	381.4	902		3432.9						
STA 143+60.00 TO STA 146+08.00	133.2	133.2	329		1198.7						
TOTALS	708.0	708.0	1514	299.0	8789.0	63.0	298.0	13.0	41.5	1758	925

REV. - MS

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PLOT DATE = 12/2/2022	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>SCHEDULE OF QUANTITIES</b>	
SCALE: N.T.S.	SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	130,131RS-5	ST. CLAIR	63	12
			CONTRACT NO. 76M53	
			ILLINOIS FED. AID PROJECT NHPP-BKM5(313)	

CLASS B PATCHES SCHEDULE, (FULL DEPTH, 14")									
LOCATION MILE STA.	LENGTH FOOT	WIDTH FOOT	AREA SQ YD	14"		DOWEL BARS 1 1/2 INCH EACH	TIE BARS 3/4 INCH EACH	WELDED WIRE REINFORC EMENT SQ YD	SAW CUTS FOOT
				TYPE III SQ YD	TYPE IV SQ YD				
				0.075	12	12	16.0	16.0	
0.400	80	12	106.7		106.7	10	52	106.7	196
TOTAL				16.0	106.7	20.0	52.0	122.7	256.0
ANTICIPATED FAILURES (15%)				2.4	16.0	3	8	18.4	38
TOTAL				19	123	23	60	142	294

CLASS B PATCHES SCHEDULE, (FULL DEPTH, 16")									
LOCATION MILE STA.	LENGH FOOT	WIDTH FOOT	AREA SQ YD	16"		DOWEL BARS 1 1/2 INCH EACH	TIE BARS 3/4 INCH EACH	WELDED WIRE REINFORC EMENT SQ YD	SAW CUTS FOOT
				TYPE III SQ YD	TYPE IV SQ YD				
				0.219	12	12	16.0	16.0	
0.320	60	15	100.0		100.0	13	38	100.0	165
TOTAL				16.0	100.0	23.0	38.0	116.0	225.0
ANTICIPATED FAILURES (15%)				2.4	15.0	3	6	17.4	34
TOTAL				19	115	26	44	134	259

BUS PAD & CURB RAMP SCHEDULE

LOCATION	PROTECTIVE COAT SQ YD	AGGREGATE BASE COURSE, TYPE A 4" SQ YD	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL SQ FT	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH, SPECIAL SQ FT	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH SQ YD	DETECT- ABLE WARNINGS SQ FT	DRIVEWAY PAVEMENT REMOVAL SQ YD	COMB- INATION CURB AND GUTTER REMOVAL FOOT	SIDEWALK REMOVAL SQ FT	CLASS C PATCHES, TYPE II 8 INCH SQ YD	CLASS C PATCHES, TYPE II 12 INCH SQ YD	CLASS C PATCHES, TYPE III 12 INCH SQ YD	COMB- INATION CURB AND GUTTER, TYPE B- 6.24 FOOT
<b>IL 159 &amp; IL 161</b>													
NW QUADRANT	24.6	17.5	157.3			10.4		21.5	45.0		10.0		21.5
NE QUADRANT	24.5	16.5	148.8			10.4		24.0	106.0		12.0		24.0
SE QUADRANT	34.0	21.2	190.6			10.6		38.5	162.2			18.0	38.5
<b>IL 159 &amp; DOUGLAS AVE.</b>													
SW QUADRANT	34.7	24.2	218.0			13.0		31.5	216.5		11.0		31.5
SE QUADRANT	18.4	11.2	100.8			12.0		21.5	99.0	8.0			21.5
<b>BUS PAD ID</b>													
11307 (STA 107+47.10 TO 107+83.34)	25.7	25.7	71.2	160.0		10.0							
11424 (STA 110+4655)	45.4	45.4	225.0	184.0					225.0				
15387	39.0	39.0	173.4	177.6					275.0				
15381	26.2	26.2	76.0	160.0					156.0				
15388	19.4	19.0	115.0	56.0									
15380	23.2	23.2	64.6	144.0					168.0				
15389	35.3	35.3	174.0	144.0									
11253	39.1	39.1	296.0	56.0									
11274	17.3	17.3	12.0	144.0					60.0				
11255	90.7	90.7	222.0	144.0	50.0		32						
11273	27.3	27.3	102.0	144.0					210.0				
11272	23.4	23.4	67.0	144.0					190.0				
<b>SUB-TOTAL</b>	<b>548.2</b>	<b>502.2</b>	<b>2413.7</b>	<b>1657.6</b>	<b>50.0</b>	<b>66.4</b>	<b>32.0</b>	<b>137.0</b>	<b>1912.7</b>	<b>8.0</b>	<b>33.0</b>	<b>18.0</b>	<b>137.0</b>
<b>TOTALS</b>	<b>548</b>	<b>502</b>	<b>2414</b>	<b>1658</b>	<b>50</b>	<b>66.5</b>	<b>32</b>	<b>137</b>	<b>1913</b>	<b>8</b>	<b>33</b>	<b>18</b>	<b>137</b>

MODEL: Default  
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USER NAME = mobrien	DESIGNED - M.O'BRIEN	REVISED -
	DRAWN - M.O'BRIEN	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/1/2022	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: N.T.S. SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	130.131RS-5	ST. CLAIR	63	13
CONTRACT NO. 76M53			ILLINOIS FED. AID PROJECT NHPP-BKM5(313)	



PAVEMENT MARKING SCHEDULE OF QUANTITIES

LOCATION	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LETTERS AND SYMBOLS SQ FT	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 4"				PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 6", SOLID WHITE FOOT	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 8", SOLID WHITE FOOT	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 12"		PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 24", SOLID WHITE FOOT	GROOVING FOR RECESSED PAVEMENT MARKING 5" FOOT	GROOVING FOR RECESSED PAVEMENT MARKING 7" FOOT	GROOVING FOR RECESSED PAVEMENT MARKING 9" FOOT	GROOVING FOR RECESSED PAVEMENT MARKING 13" FOOT	GROOVING FOR RECESSED PAVEMENT MARKING 25" FOOT	
		SOLID YELLOW	30'-10' SKIP WHITE	30'-10' SKIP YELLOW	SOLID WHITE			6'-2' SKIP WHITE	SOLID WHITE							SOLID YELLOW
IL 159																
STA 107+66 TO STA 113+89	53.0	2224.0	311.0	35.0	1892.0	65.0		328.0	212.0	84.0	4527.0			540.0	84.0	
STA 114+55 TO STA 118+08	44.0	660.0	176.0	40.0	1166.0			289.0		36.0	2042.0			289.0	36.0	
STA 118+43 TO STA 121+50	35.0	684.0	171.0	171.0							1026.0					
STA 121+50 TO STA 128+20	35.0	1340.0	335.0	335.0							2010.0			0.0		
STA 128+50 TO STA 134+00	18.0	1100.0	275.0		132.0					48.0	1507.0				48.0	
STA 134+00 TO STA 137+00		914.0	150.0						17.0		1064.0			17.0		
STA 137+00 TO STA 143+00		2301.0	300.0						89.0		2601.0			89.0		
STA 143+00 TO STA 150+47	140.0	1990.0	373.0		170.0		308.0		41.0	72.0	2533.0	308.0		41.0	72.0	
STA 150+47 TO STA 156+87	122.0	1500.0	218.0		270.0		301.0	36.0	273.0	39.0	1988.0	301.0	36.0	312.0	108.0	
COLOR SUB-TOTALS	447	12713.0	2309.0	581.0	3630.0	65.0	609	36	890.0	398.0	348	19298	609	36	1288	348
TOTALS									1288							

TEMPORARY ITEMS SCHEDULE OF QUANTITIES

LOCATION	SHORT TERM PAVEMENT MARKING FOOT	SHORT TERM PAVEMENT MARKING REMOVAL SQ FT	TEMPORARY PAVEMENT MARKING - LETTERS & SYMBOLS - PAINT SQ FT	TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT					TEMPORARY PAVEMENT MARKING - LINE 6" - PAINT, SOLID WHITE FOOT	TEMPORARY PAVEMENT MARKING - LINE 8" - PAINT, SOLID WHITE FOOT	TEMPORARY PAVEMENT MARKING - LINE 12" - PAINT		TEMPORARY PAVEMENT MARKING - LINE 24" - PAINT, SOLID WHITE FOOT	PAVEMENT MARKING REMOVAL - WATER BLASTING SQ FT
				SOLID YELLOW	30'-10' SKIP WHITE	30'-10' SKIP YELLOW	SOLID WHITE	6'-2' SKIP WHITE			SOLID WHITE	SOLID YELLOW		
IL 159														
STA 107+66 TO STA 113+89	680	114	52.8	2224.0	311.0	35.0	1892.0	65.0			328.0	212.0	84.0	2268
STA 114+55 TO STA 118+43	423	71	44.0	660.0	176.0	40.0	1166.0				289.0		36.0	1085
STA 118+43 TO STA 121+50	335	56	35.2	684.0	171.0	171.0								377
STA 121+50 TO STA 128+20	731	122	35.2	1340.0	335.0	335.0								705
STA 128+50 TO STA 134+00	600	100	17.6	1100.0	275.0		132.0						48.0	615
STA 134+00 TO STA 137+00	327	55		914.0	150.0							17.0		371
STA 137+00 TO STA 143+00	655	110		2301.0	300.0							89.0		955
STA 143+00 TO STA 150+47	815	136	140.0	1990.0	373.0		170.0		308.0			41.0	72.0	1322
STA 150+47 TO STA 156+87	698	117	122.4	1500.0	218.0		270.0		301.0	36.0	273.0	39.0	108.0	1487
COLOR SUB-TOTALS	5264	881	447.2	12713.0	2309.0	581.0	3630.0	65.0	609.0	36.0	890.0	398.0	348.0	9186
TOTALS	5264	881	447				19298		609	36	1288		348	9186

NOTES: IT IS ASSUMED THE SHORT TERM PAVEMENT MARKINGS WILL BE USED IN TWO APPLICATIONS.  
ONE APPLICATION OF TEMPORARY PAVEMENT MARKING TO MATCH PROPOSED PREFORMED PLASTIC PAVEMENT MARKING, TYPE D.

MODEL: Default  
FILE NAME: I:\13082\DOT\_DB\_Van7882\_04\_V04\_76M53\_IL159\_Resurfacing\CAD\_Sheets\0876M53-shc-Schedule.dgn



USER NAME = mobrien  
DESIGNED - M.O'BRIEN  
DRAWN - M.O'BRIEN  
PLOT SCALE = 40,000' / in.  
CHECKED -  
PLOT DATE = 12/2/2022  
DATE -

REVISOR -  
REVISION -  
REVISOR -  
REVISION -

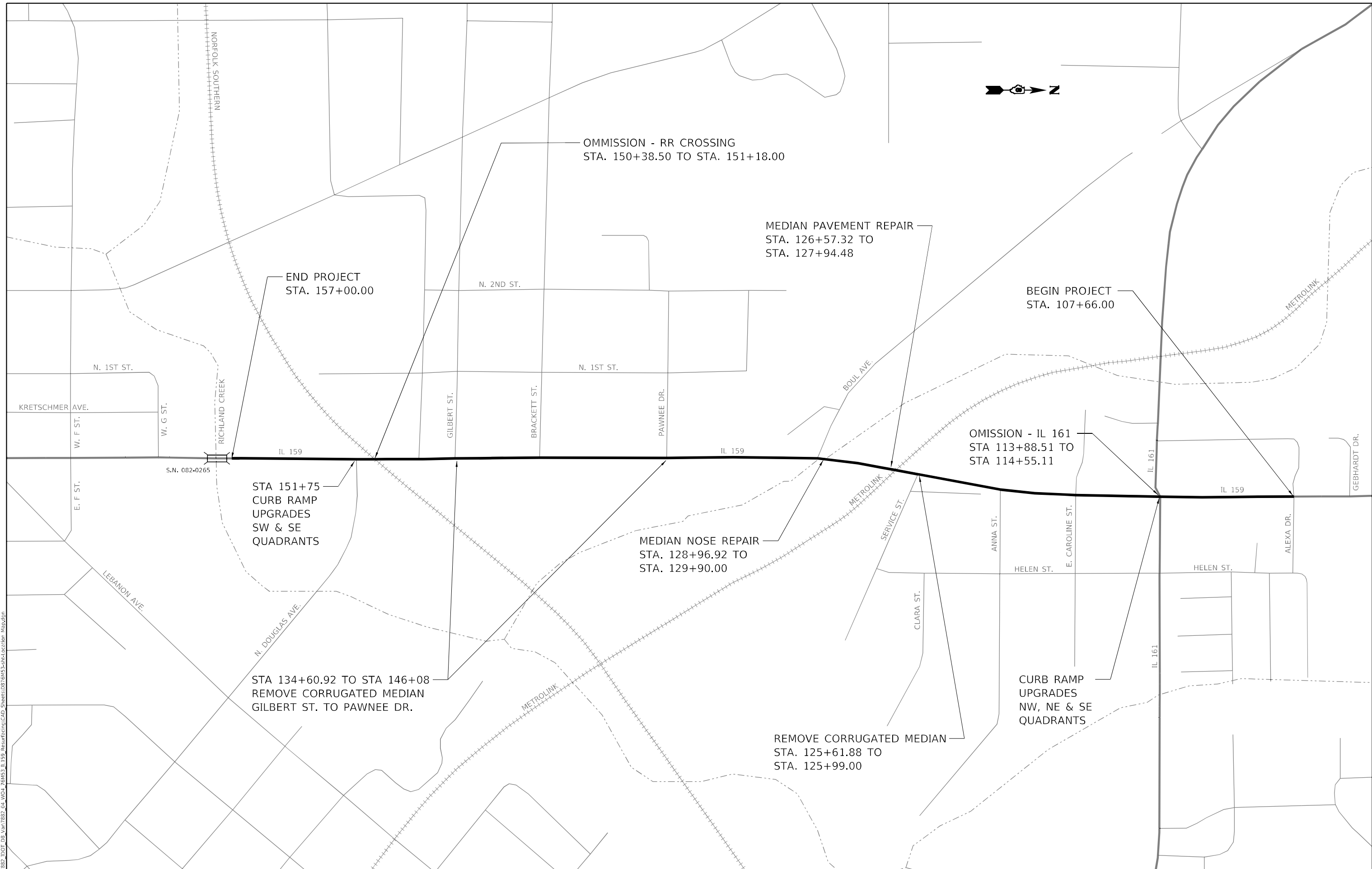
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: N.T.S. SHEET 4 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	130,131RS-5	ST. CLAIR	63	15
CONTRACT NO. 76M53			ILLINOIS FED. AID PROJECT NHPP-BKM5(313)	

MODEL Path:\n  
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USER NAME	= mobrien
PLOT SCALE	= 400,0000 ' / in.
PLOT DATE	= 11/28/2022

DESIGNED	- M.O'BRIEN
DRAWN	- M.O'BRIEN
CHECKED	-
DATE	-

REVISED	-
REVISED	-
REVISED	-
REVISED	-

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GENERAL LOCATION MAP**

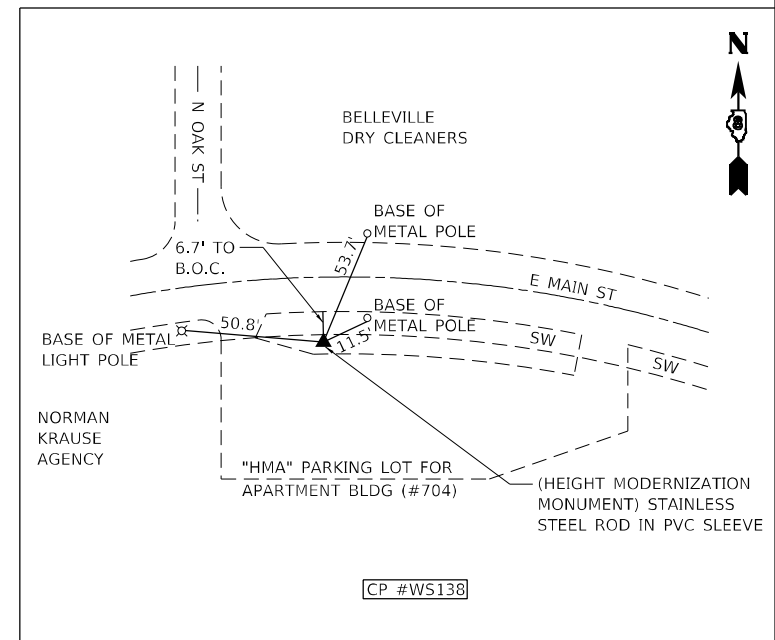
SCALE: N.T.S.    SHEET 1 OF 1 SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	130,131RS-5	ST. CLAIR	63	16
CONTRACT NO. 76M53				
ILLINOIS FED. AID PROJECT NHPP-BKM5(313)				



BENCHMARK I.D.	LOCATION	ELEVATION (NAVD 88)	EXISTING MONUMENT TYPE
BM 59	SE CORNER OF WINGWALL ON W SIDE OF RICHLAND CREEK BOX CULVERT (SN 082-2004) IN NW QUADRANT OF INTERSECTION OF IL 13/IL 158 AND IL 159. (REF JOB# P98-018-04, LEVEL LINE FROM FEB 2004 EST ELEVATION 473.224')	473.253	CHISELED "SQUARE"
BM 123	W SIDE OF GUY POLE APPROX 60' EAST OF EAST EDGE OF IL 159 CHISELED NE QUADRANT OF IL 15 AND IL 159 NEAR SW CORNER OF DENNY'S RESTAURANT. (REF JOB# P98-028-04, LEVEL LINE FROM FEB 2004 EST ELEVATION 471.816')	471.829	RAILROAD SPIKE
BM 159-1	NE CORNER OF A TRAFFIC SIGNAL CONTROLLER BOX WITH METER FOUNDATION IN THE SE QUADRANT OF IL 159 AND IL 161.	577.571	CUT "SQUARE"
BM 159-2	NW BOLT OF FIRE HYDRANT IN SE QUADRANT OF INTERSECTION OF IL 159 AND ANNA ST.	525.210	CHISELED "X"
BM 159-3	SOUTHERNMOST CORNER OF A TRAFFIC SIGNAL CONTROLLER BOX (#3960) AT NW QUADRANT OF INTERSECTION OF IL 159 AND BOUL AVE.	512.695	CUT "SQUARE"
BM 159-4	W SIDE OF LIGHT POLE ON E SIDE OF IL 159 ACROSS FROM BRACKETT ST AT SW CORNER OF MOTOMART GAS STATION PROPERTY.	502.179	RAILROAD SPIKE
BM 159-5	W SIDE OF POWER POLE IN NE QUADRANT OF INTERSECTION OF IL 159 AND DOUGLAS AVE.	499.354	RAILROAD SPIKE
BM 159-6	E SIDE OF CONCRETE BASE OF TRAFFIC SIGNAL MAST ARM IN SW QUADRANT OF INTERSECTION OF IL 159 AND LEBANON AVE.	526.955	CUT "SQUARE"
BM 159-7	NW FLANGE BOLT OF FIRE HYDRANT IN NE INTERSECTION OF IL 159 AND "A" ST.	525.921	CUT "X"
BM 159-8	NE CORNER OF A TRAFFIC SIGNAL CONTROLLER BOX FOUNDATION IN NW QUADRANT OF INTERSECTION OF IL 159 AND WASHINGTON ST.	525.633	CUT "SQUARE"
BM 159-9	NE CORNER OF TRAFFIC SIGNAL CONTROLLER BOX FOUNDATION IN SW QUADRANT OF INTERSECTION OF IL 159 AND LINCOLN ST.	514.249	CUT "SQUARE"
BM 159-10	W SIDE OF LIGHT POLE ON E SIDE OF IL 159 JUST N OF YMCA ENTRANCE AND ACROSS THE STREET FROM HOSPICE OF SOUTHERN IL.	507.913	RAILROAD SPIKE
BM 159-11	E SIDE OF CONCRETE BASE OF TRAFFIC SIGNAL IN SW QUADRANT OF INTERSECTION OF IL 159 AND MONROE ST.	496.233	CUT "SQUARE"
BM 159-12	E SIDE OF LIGHT POLE ON W SIDE OF IL 159 JUST S OF CANADIAN RAILROAD TRACKS.	480.238	RAILROAD SPIKE
BM 159-13	N SIDE OF TRAFFIC SIGNAL MAST ARM BASE AT NE QUADRANT OF INTERSECTION OF IL 159 AND IL 13/IL 158.	474.181	CUT "SQUARE"
BM TBM 5	SW CORNER OF CONCRETE TRAFFIC SIGNAL HANDHOLE BOX ON S SIDE OF IL 161, APPROX 150' W OF IL 159 CENTERLINE AND ON LINE WITH CENTER OF SIDEWALK. (REF JOB# D98-103-05, RICHLAND CREEK BRIDGE LEVEL LINE 001 FROM MAR 2005 EST ELEVATION 542.267')	542.296	CHISELED "SQUARE"
CP 200	SEE SKETCH FOR LOCATION.	541.826	IRON PIN WITH PLASTIC CAP
CP 201	SEE SKETCH FOR LOCATION.	522.447	IRON PIN WITH PLASTIC CAP
CP 202	SEE SKETCH FOR LOCATION.	512.745	IRON PIN WITH PLASTIC CAP
CP 203	SEE SKETCH FOR LOCATION.	506.105	IRON PIN WITH PLASTIC CAP
CP 204	SEE SKETCH FOR LOCATION.	500.952	IRON PIN WITH PLASTIC CAP
CP 205	SEE SKETCH FOR LOCATION.	498.453	IRON PIN WITH PLASTIC CAP
CP 206		523.608	CUT "X"
CP 207		527.876	IRON PIN WITH PLASTIC CAP
CP 208		524.203	CUT "X"
CP 209		513.650	IRON PIN WITH PLASTIC CAP
CP 210		507.673	IRON PIN WITH ALUMINUM CAP
CP 211		503.079	IRON PIN WITH ALUMINUM CAP
CP 212		495.496	IRON PIN WITH PLASTIC CAP
CP 213		480.487	MAG NAIL
CP 214		477.370	IRON PIN WITH PLASTIC CAP
CP 215		473.673	IRON PIN WITH PLASTIC CAP
R114	PID JB1380. NW CORNER OF "A" ST AND 1ST ST IN BELLEVILLE AND STAMPED "R114 1935". PUBLISHED ELEVATION = 521.41'	521.426	STANDARD DISC SET IN CONCRETE
UM107	PID DP3012. PUBLISHED ELEVATION = 498.73'	498.730	STAINLESS STEEL ROD IN SLEEVE
UM108	PID DP3012. PUBLISHED ELEVATION = 481.01'	481.015	STAINLESS STEEL ROD IN SLEEVE
UM109	PID DP3013. SEE SKETCH FOR LOCATION.	508.650	STAINLESS STEEL ROD IN SLEEVE

POINT NUMBER	LOCATION (ROUTE)	NORTHING (US SURVEY FOOT)	EASTING (US SURVEY FOOT)	ELEVATION (NAVD 88)	DESCRIPTION	MONUMENT TYPE
198	IL 159 & GARDEN ST	122,210.8437	85,988.9407	---	SITE CONTROL	IRON PIN W/ PLASTIC CAP
199	IL 159 & IL 161	121,679.5217	86,081.0454	---	SITE CONTROL	IRON PIN W/ PLASTIC CAP
200	IL 159 & IL 161	121,489.9307	85,972.4393	541.826	SITE CONTROL	IRON PIN W/ PLASTIC CAP
201	IL 159 & ANNA ST	120,792.0547	86,033.3614	522.447	SITE CONTROL	IRON PIN W/ PLASTIC CAP
202	IL 159 NEAR BOUL AVE	120,113.0093	85,816.6516	512.745	SITE CONTROL	IRON PIN W/ PLASTIC CAP
203	IL 159 NEAR PAWNEE ST	119,228.6699	85,809.7699	506.105	SITE CONTROL	IRON PIN W/ PLASTIC CAP
204	IL 159 NEAR BRACKETT ST	118,526.7619	85,806.9175	500.952	SITE CONTROL	IRON PIN W/ PLASTIC CAP
205	IL 159 & DOUGLASS AVE	117,922.2529	85,907.9952	498.453	SITE CONTROL	IRON PIN W/ PLASTIC CAP
R114	N 1ST ST & W "A" ST	114,630.6066	85,412.0176	521.426	SITE CONTROL	NGS DISK PID JB1380
SC14	OLD COLLINSVILLE RD NEAR LEBANON AVE	122,326.8888	92,151.0466	---	SITE CONTROL	IRON PIN W/ PLASTIC CAP
UM109	BOUL AVE NEAR IL 159	120,166.5519	85,469.1526	508.650	SITE CONTROL	NGS SS ROD PID DP3013
UM110	IL 161 NEAR FULLERTON RD	124,280.2765	82,570.9311	---	SITE CONTROL	NGS SS ROD PID DP3014
WS138	E MAIN ST NEAR N OAK ST	114,266.0020	88,150.8996	---	SITE CONTROL	NGS SS ROD PID DP3823



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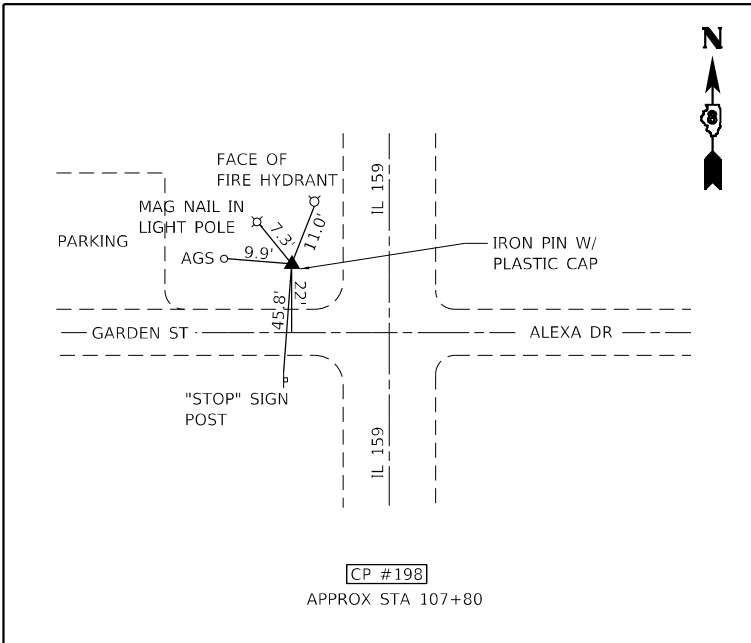
USER NAME = mobrien	DESIGNED - M,O'BRIEN	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - M,O'BRIEN	REVISED -
PLOT DATE = 11/28/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

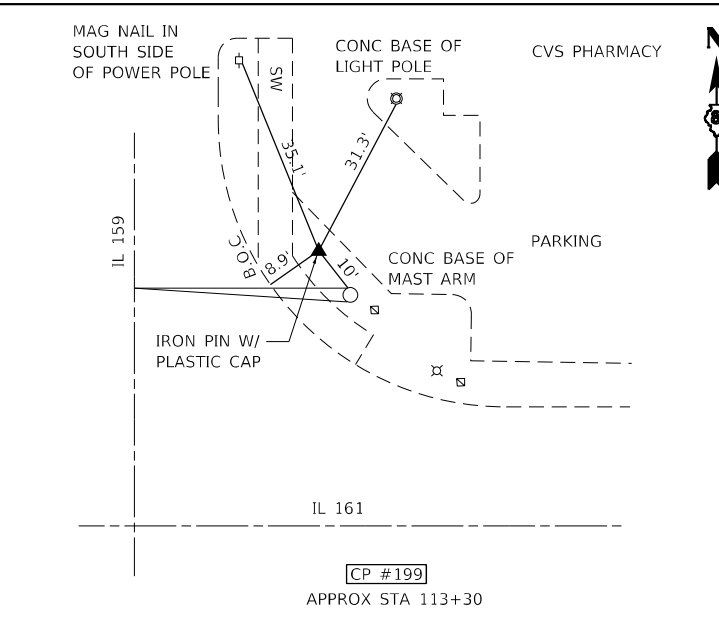
**ALIGNMENTS, TIES  
& BENCHMARKS**

SCALE: N.T.S. SHEET 1 OF 2 SHEETS STA. TO STA.

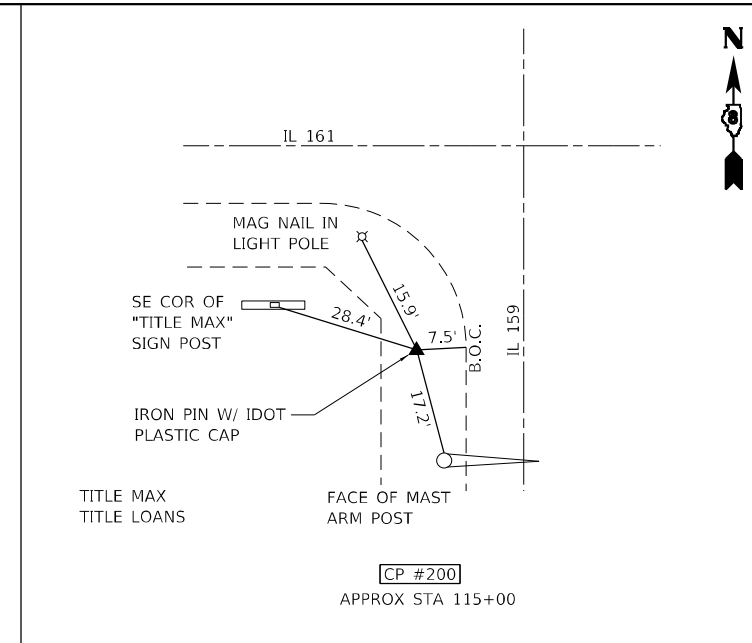
F.A.P. RTE. 600	SECTION 130,131RS-5	COUNTY ST. CLAIR	TOTAL SHEETS 63	SHEET NO. 17
CONTRACT NO. 76M53			ILLINOIS FED. AID PROJECT NHPP-BKM5(313)	



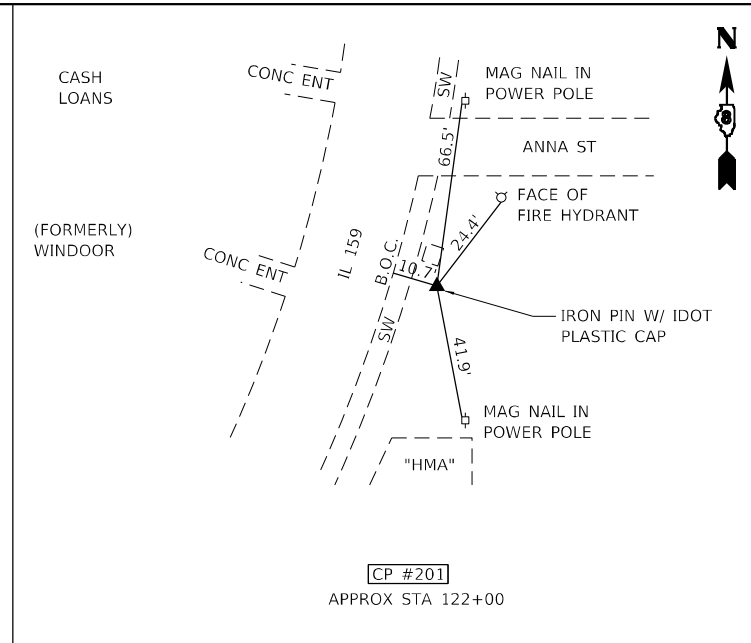
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APPROX STA 107+80



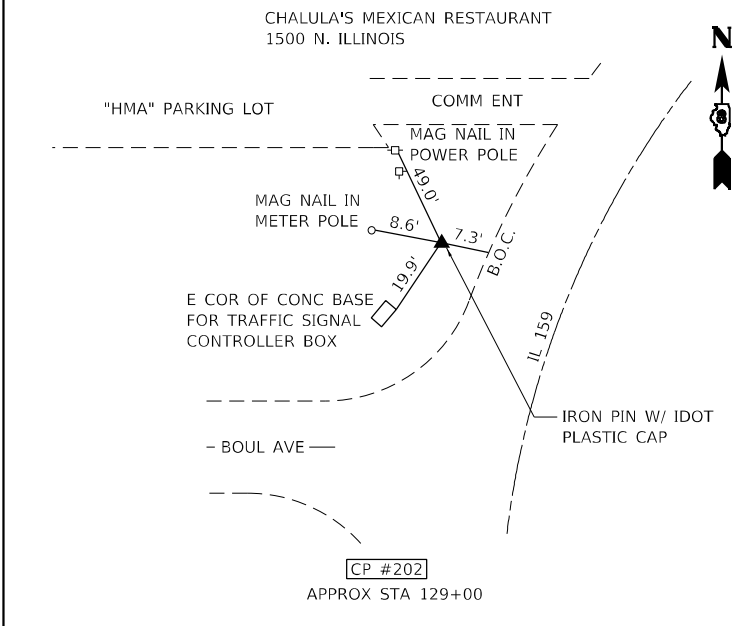
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APPROX STA 113+30



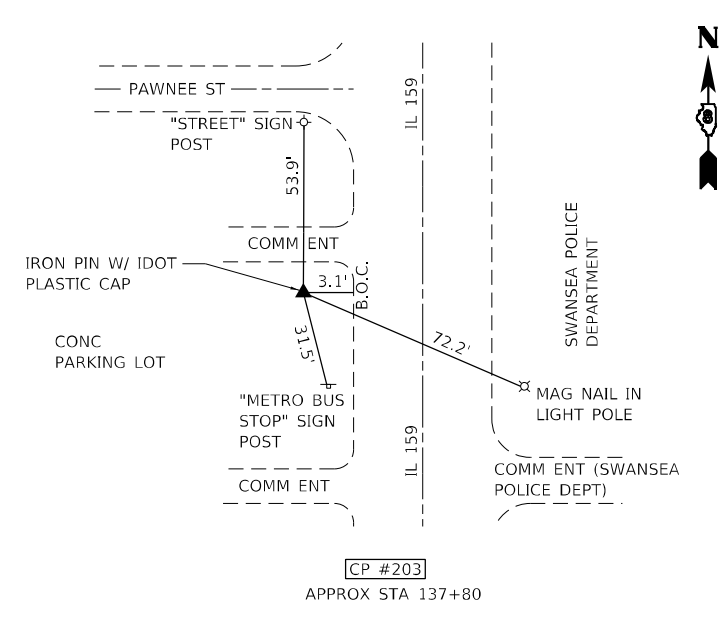
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APPROX STA 115+00



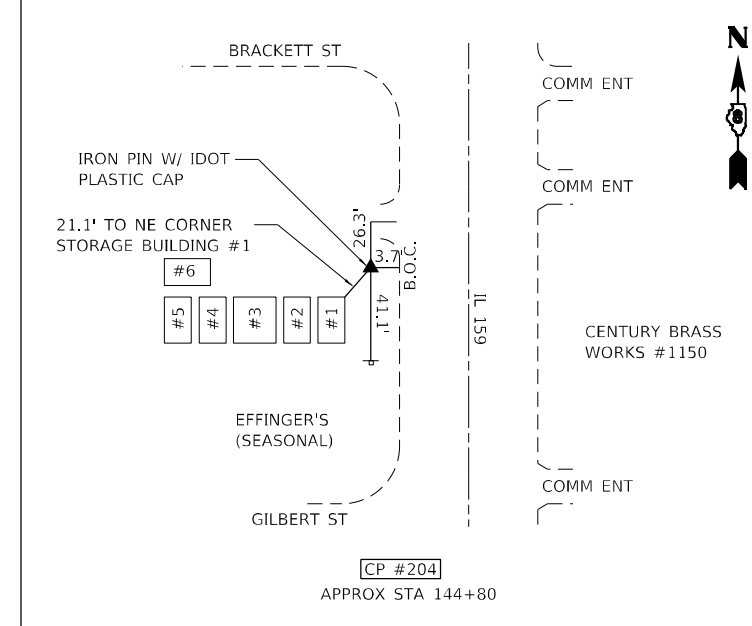
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APPROX STA 122+00



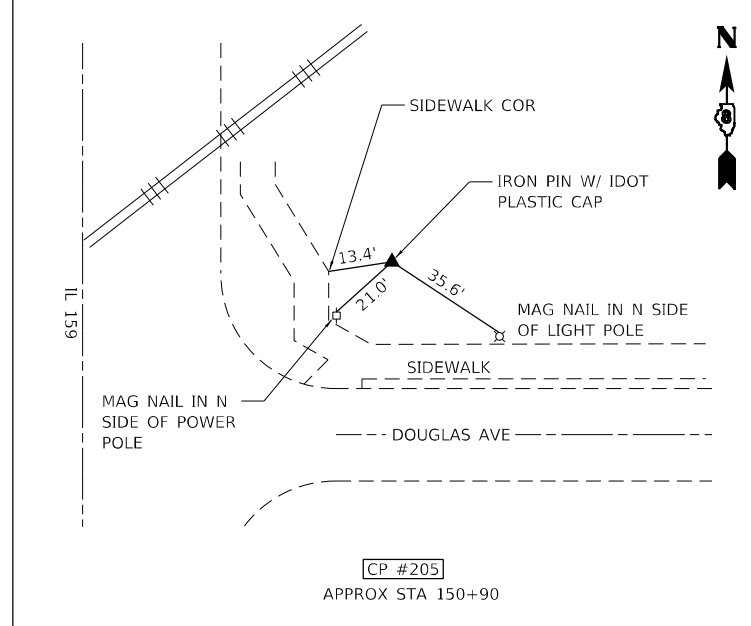
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APPROX STA 129+00



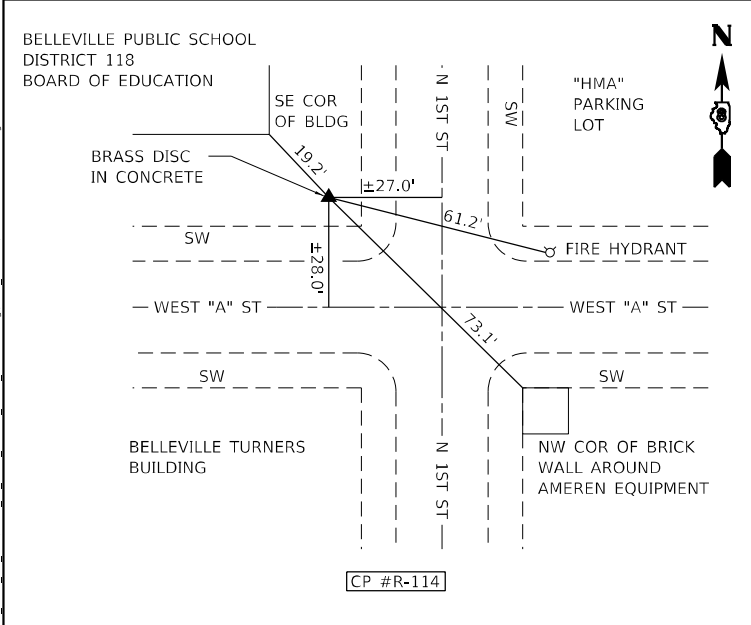
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APPROX STA 137+80



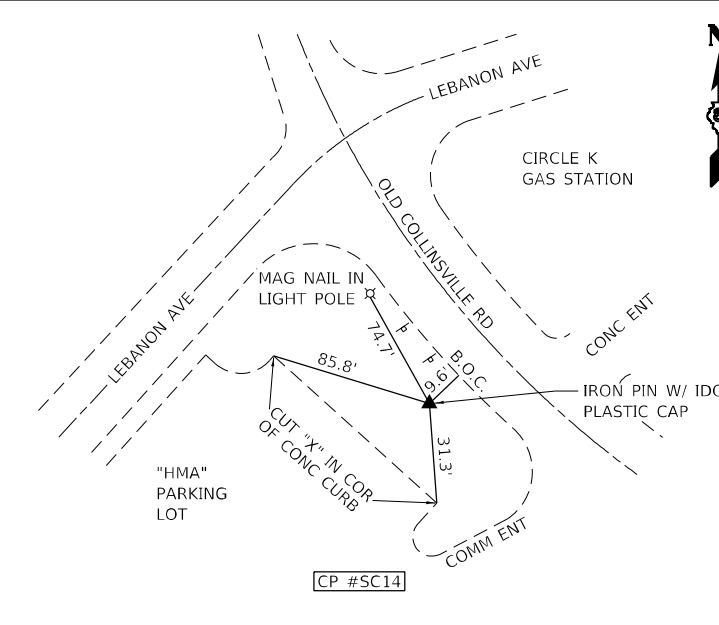
CP #204  
APPROX STA 144+80



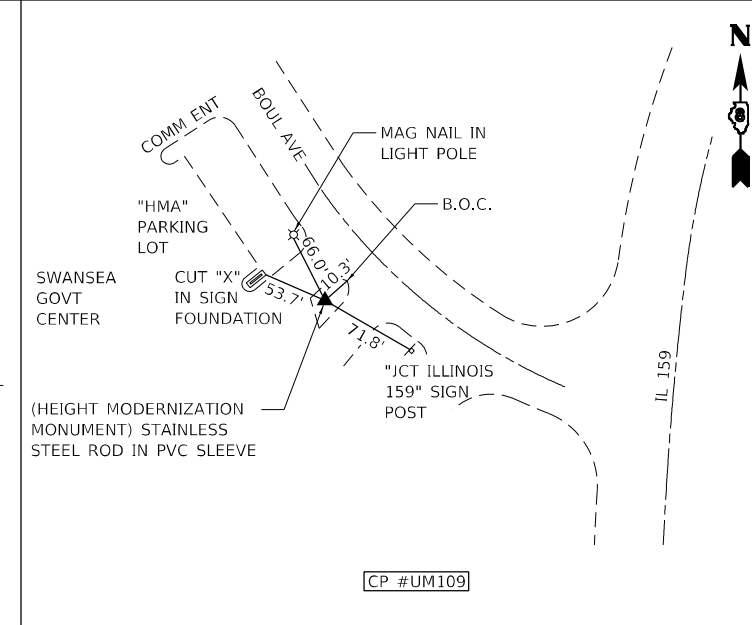
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APPROX STA 150+90



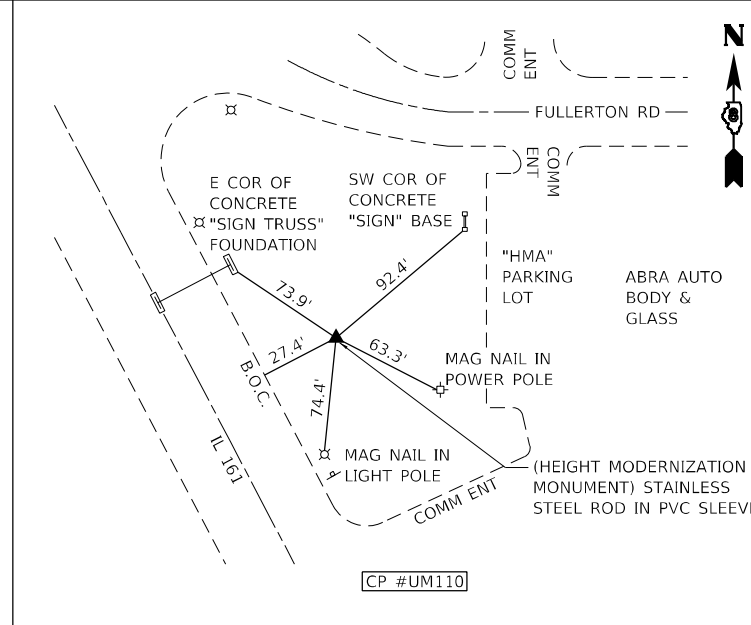
CP #R-114



CP #SC14



CP #UM109



CP #UM110

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PLOT SCALE = 100,0000' / in.  
PLOT DATE = 11/28/2022

DESIGNED - M.O'BRIEN  
DRAWN - M.O'BRIEN  
CHECKED -  
DATE -

REVISED -  
REVISED -  
REVISED -  
REVISED -

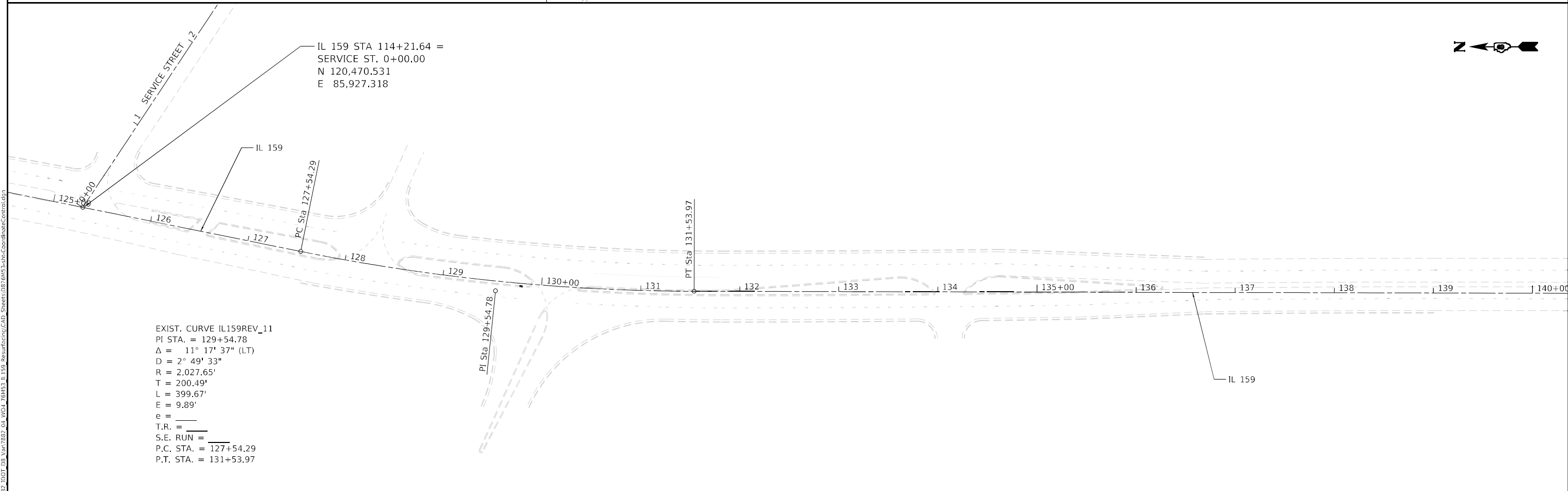
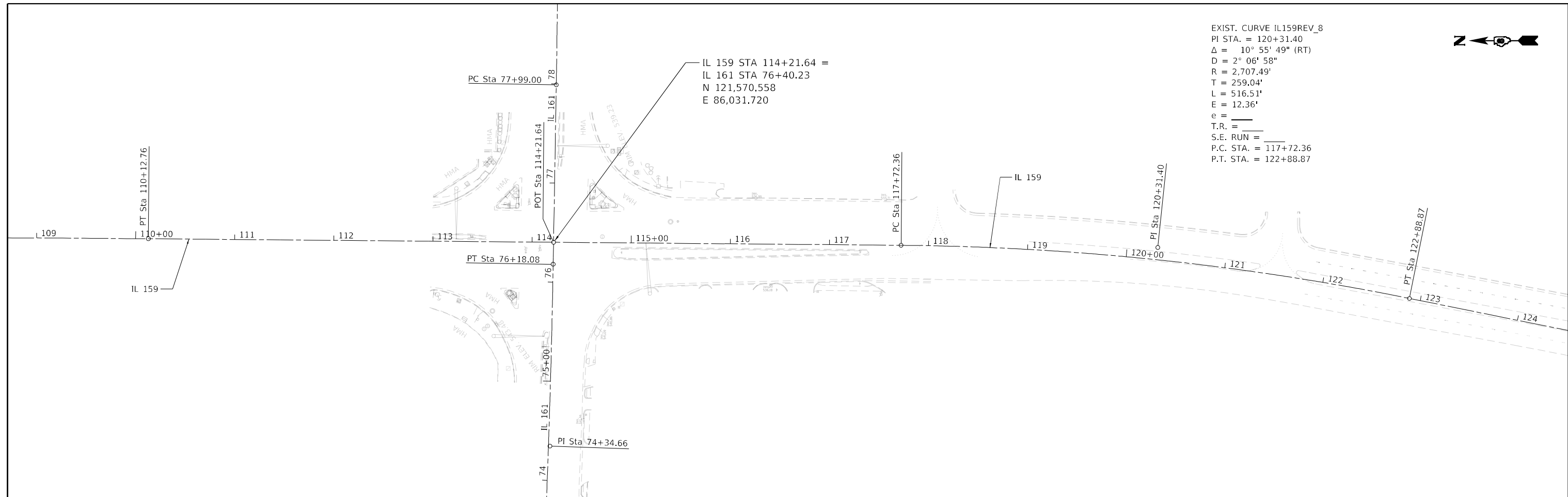
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ALIGNMENTS, TIES  
& BENCHMARKS

SCALE: N.T.S. SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	130,131RS-5	ST. CLAIR	63	18
CONTRACT NO. 76M53				
ILLINOIS FED. AID PROJECT NHPP-BKM5(313)				

EXIST. CURVE IL159REV\_8  
 PI STA. = 120+31.40  
 $\Delta$  = 10° 55' 49" (RT)  
 D = 2° 06' 58"  
 R = 2,707.49'  
 T = 259.04'  
 L = 516.51'  
 E = 12.36'  
 e = \_\_\_\_\_  
 T.R. = \_\_\_\_\_  
 S.E. RUN = \_\_\_\_\_  
 P.C. STA. = 117+72.36  
 P.T. STA. = 122+88.87



EXIST. CURVE IL159REV\_11  
 PI STA. = 129+54.78  
 $\Delta$  = 11° 17' 37" (LT)  
 D = 2° 49' 33"  
 R = 2,027.65'  
 T = 200.49'  
 L = 399.67'  
 E = 9.89'  
 e = \_\_\_\_\_  
 T.R. = \_\_\_\_\_  
 S.E. RUN = \_\_\_\_\_  
 P.C. STA. = 127+54.29  
 P.T. STA. = 131+53.97

MODEL Path:\n  
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USER NAME = mobrien  
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 PLOT DATE = 11/29/2022

DESIGNED - M.O'BRIEN  
 DRAWN - M.O'BRIEN  
 CHECKED -  
 DATE -

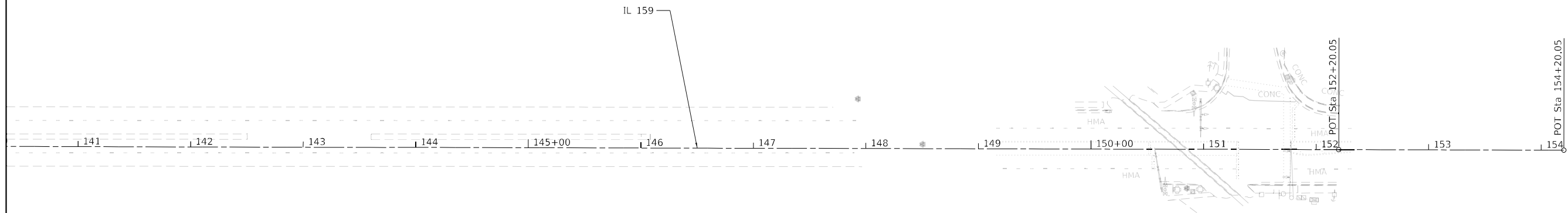
REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**COORDINATE CONTROL**

SCALE: N.T.S. SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	130,131RS-5	ST. CLAIR	63	19
CONTRACT NO. 76M53				
ILLINOIS		FED. AID PROJECT	NHPP-BKM5(313)	



Beginning chain IL159REV description  
 Feature: Geom Ex Centerline  
 Description: Provided by IDOT

Point 147            N    125,955.727 E    85,903.894 Sta    70+33.83

Course from 147 to PC IL159REV 3 S 2° 25' 09" E Dist 2,541.751

Curve Data			
*-----*			
Curve IL159REV 3			
P.I. Station	102+94.33 N	122,698.137 E	86,041.512
Delta	=	2° 55' 00" (RT)	
Degree	=	0° 12' 11"	
Tangent	=	718.744	
Length	=	1,437.178	
Radius	=	28,232.879	
External	=	9.147	
Long Chord	=	1,437.022	
Mid. Ord.	=	9.144	
P.C. Station	95+75.58 N	123,416.241 E	86,011.176
P.T. Station	110+12.76 N	121,979.420 E	86,035.271
C.C.	N	122,224.591 E	57,803.456
Back	= S	2° 25' 09" E	
Ahead	= S	0° 29' 51" W	
Chord Bear	= S	0° 57' 39" E	

Course from PT IL159REV 3 to 148 S 0° 29' 51" W Dist 408.878

Point 148            N    121,570.558 E    86,031.720 Sta    114+21.64

Course from 148 to PC IL159REV\_8 S 0° 29' 51" W Dist 350.723

Curve Data			
*-----*			
Curve IL159REV 8			
P.I. Station	120+31.40 N	120,960.817 E	86,026.425
Delta	=	10° 55' 49" (RT)	
Degree	=	2° 06' 58"	
Tangent	=	259.040	
Length	=	516.509	
Radius	=	2,707.490	
External	=	12.364	
Long Chord	=	515.726	
Mid. Ord.	=	12.307	
P.C. Station	117+72.36 N	121,219.848 E	86,028.675
P.T. Station	122+88.87 N	120,706.913 E	85,975.100
C.C.	N	121,243.359 E	83,321.287
Back	= S	0° 29' 51" W	
Ahead	= S	11° 25' 40" W	
Chord Bear	= S	5° 57' 46" W	

Course from PT IL159REV\_8 to PC IL159REV\_11 S 11° 25' 40" W Dist 465.426

Curve Data			
*-----*			
Curve IL159REV 11			
P.I. Station	129+54.78 N	120,054.201 E	85,843.160
Delta	=	11° 17' 37" (LT)	
Degree	=	2° 49' 33"	
Tangent	=	200.487	
Length	=	399.674	
Radius	=	2,027.650	
External	=	9.888	
Long Chord	=	399.027	
Mid. Ord.	=	9.840	
P.C. Station	127+54.29 N	120,250.713 E	85,882.883
P.T. Station	131+53.97 N	119,853.715 E	85,842.691
C.C.	N	119,848.966 E	87,870.335
Back	= S	11° 25' 40" W	
Ahead	= S	0° 08' 03" W	
Chord Bear	= S	5° 46' 52" W	

Course from PT IL159REV 11 to 149 S 0° 08' 03" W Dist 2,066.081

Point 149            N    117,787.640 E    85,837.851 Sta    152+20.05

Course from 149 to 150 S 0° 08' 03" W Dist 200.000

Point 150            N    117,587.640 E    85,837.383 Sta    154+20.05

Ending chain IL159REV description

MODEL Path:\hmg\1117882\DOT\_DB\_Van7882\_04\_W04\_76M53\_IL159\_Rev\dwg\CAD\_Sheets\0876M53-Sub-CoordinateControl.dwg  
 FILE NAME: 1117882\DOT\_DB\_Van7882\_04\_W04\_76M53\_IL159\_Rev\dwg\CAD\_Sheets\0876M53-Sub-CoordinateControl.dwg



USER NAME	= mobrien
PLOT SCALE	= 100,0000 ' / in.
PLOT DATE	= 11/28/2022

DESIGNED -	M.O'BRIEN	REVISED -	
DRAWN -	M.O'BRIEN	REVISED -	
CHECKED -		REVISED -	
DATE -		REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**COORDINATE CONTROL**

SCALE: N.T.S.    SHEET 2 OF 2 SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	130,131RS-5	ST. CLAIR	63	20
CONTRACT NO. 76M53			ILLINOIS FED. AID PROJECT NHPP-BKM5(313)	

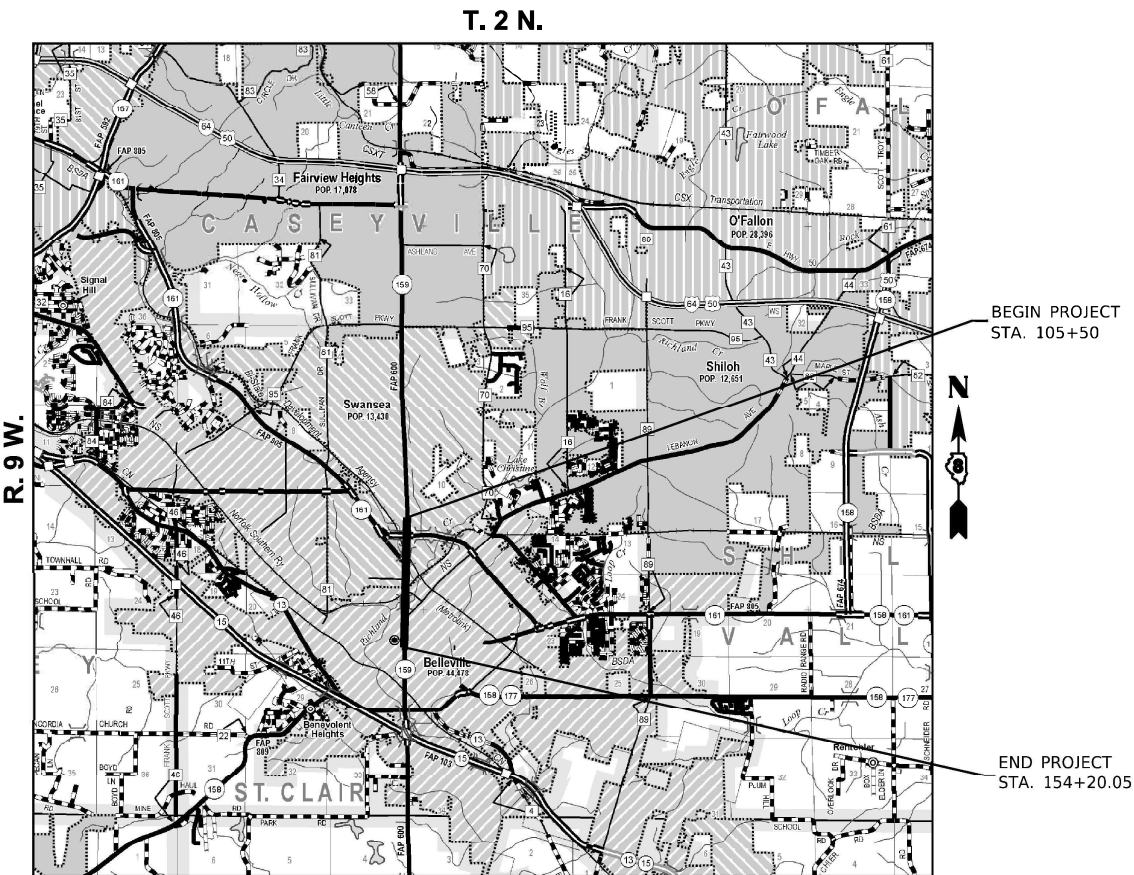
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
OFFICE OF HIGHWAYS PROJECT IMPLEMENTATION

SPACE RESERVED FOR RECORDING OFFICER

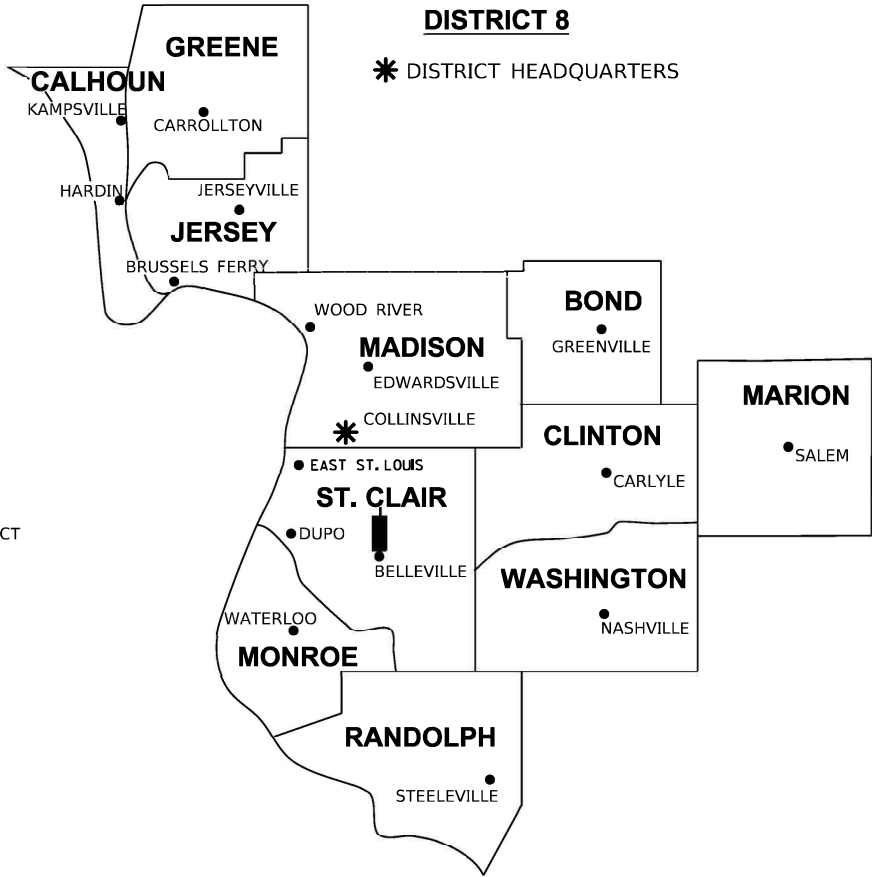
SHEET INDEX		
SHEET NO.	STATION to STATION	DESCRIPTION
1	N/A	COVER
2	N/A	LEGEND AND NOTES
3	149+50 to 154+20.05	PLAT OF HIGHWAY
4	143+50 to 149+50	PLAT OF HIGHWAY
5	138+50 to 144+00	PLAT OF HIGHWAY
6	133+50 to 139+00	PLAT OF HIGHWAY
7	128+00 to 134+00	PLAT OF HIGHWAY
8	122+50 to 128+00	PLAT OF HIGHWAY
9	117+00 to 123+00	PLAT OF HIGHWAY
10	111+50 to 117+00	PLAT OF HIGHWAY
11	105+50 to 111+50	PLAT OF HIGHWAY
12	N/A	PLAT OF HIGHWAY
13	N/A	PLAT OF HIGHWAY

# PLAT OF HIGHWAY

FAP ROUTE 600 (IL 159)  
SECTION 130, 131RS-5  
ST. CLAIR COUNTY  
JOB NO. R-98-008-21



PROJECT LENGTH = 4,870 LIN. FT. = 0.922 MILE



LOCATION OF SECTION INDICATED THUS:

PREPARED BY:



GREGORY S. McVICAR, PLS NO. 3512  
LICENSE EXPIRATION DATE: 11/30/2022

SHEET 1 OF 13

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.
600	130, 131RS-5	ST. CLAIR	63	21
			CONTRACT NO. 76M53	
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	⊠	LEVÉE/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 RIGHT-OF-WAY LINE	---	PROPOSED TEMPORARY EASEMENT LINE
---	PROPOSED TEMPORARY EASEMENT LINE	---	PROPOSED PERMANENT EASEMENT LINE
---	SECTION LINE	---	QUARTER SECTION LINE
---	QUARTER QUARTER SECTION LINE	---	PROPERTY LINE (TITLE)
---	RECORDED PLAT/DEED LINE	---	APPL
---	APPARENT PROPERTY LINE	---	SAME OWNERSHIP
---	MEASURED DIMENSION	---	RECORDED DIMENSION
---	FOUND STONE	---	FOUND IRON PIPE OR IRON ROD AT CORNER UNLESS OTHERWISE NOTED
---	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)	---	FOUND REBAR WITH ALUMINUM CAP AS SURVEY CONTROL UNLESS OTHERWISE NOTED
---	FOUND REBAR WITH ALUMINUM CAP AS SURVEY CONTROL UNLESS OTHERWISE NOTED	---	FOUND CUT CROSS
---	SET CUT CROSS	---	SET CUT CROSS

**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 <sup>2</sup>	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
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**

BASIS OF BEARINGS AND COORDINATES: ALL DISTANCES AND BEARINGS SHOWN HEREON ARE GRID VALUES BASED ON THE FOLLOWING PROJECTION DEFINITION. THE PROJECTION WAS DEFINED SUCH THAT THE GRID DISTANCE ARE EQUIVALENT TO "GROUND" DISTANCE.

LINEAR UNIT: US SURVEY FEET  
 GEODETIC DATUM: NAD 1983 (2011) - EPOCH 2010  
 VERTICAL DATUM: NAVD 1988  
 PROJECTION: TRANSVERSE MERCATOR  
 LATITUDE OF ORIGIN" 38°12'00" N  
 CENTRAL MERIDIAN: 89°50'00" W  
 CM SCALE FACTOR: 1.000015304  
 FALSE NORTHING: 0.000 SFT  
 FALSE EASTING: 129,000.000 SFT

THE SURVEY WAS REFERENCED TO THE NATIONAL SPATIAL REFERENCE SYSTEM BY DIRECT CONNECTION TO THE FOLLOWING MONUMENTS.

PID#: R114 (PID JB1380)  
 LATITUDE: N38°30'52.76510" NORTHING: 114630.6066 SFT  
 LONGITUDE: W89°59'08.38646" EASTING: 85412.0176 SFT  
 ELIPSOIDAL HT.: 421.1114 SFT ORTHO HT.: 521.5714 SFT (GEOID 12B)

PID#: UM109 (PID DP3013)  
 LATITUDE: N38°31'47.48703" NORTHING: 120166.5519 SFT  
 LONGITUDE: W89°59'07.78284" EASTING: 85469.1526 SFT  
 ELIPSOIDAL HT.: 408.2341 SFT ORTHO HT.: 508.8058SFT (GEOID 12B)

**PROJECT SURVEY CONTROL DATA GROUND SURFACE COORDINATE SYSTEM**

POINT NO.	NORTH (FEET)	EAST (FEET)	DESCRIPTION
198	122210.8440	85988.8410	IRON PIN W/PLASTIC CAP
199	121679.5220	86081.0450	IRON PIN W/PLASTIC CAP
202	120113.0090	85816.6520	IRON PIN W/PLASTIC CAP
204	118526.7620	85806.9170	IRON PIN W/PLASTIC CAP
205	117922.2530	85907.9950	IRON PIN W/PLASTIC CAP

**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 PHYSICALLY LOCATED IN THE FIELD BY THE SURVEYOR ON 03/25/2020.

**SHERRILL ASSOCIATES, INC.**  
 Engineers - Surveyors - Planners  
 Professional Design Firm Number 184-001238  
 316 North Main Street, Edwardsville, IL 62025  
 Tel. 618-656-0251, Fax 618-656-9496

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PLAT OF HIGHWAY**  
 FAP ROUTE 600 (IL 159)  
 SECTION 130, 131RS-5  
 ST. CLAIR COUNTY  
 JOB NO. R-98-008-21  
 LEGEND AND NOTES



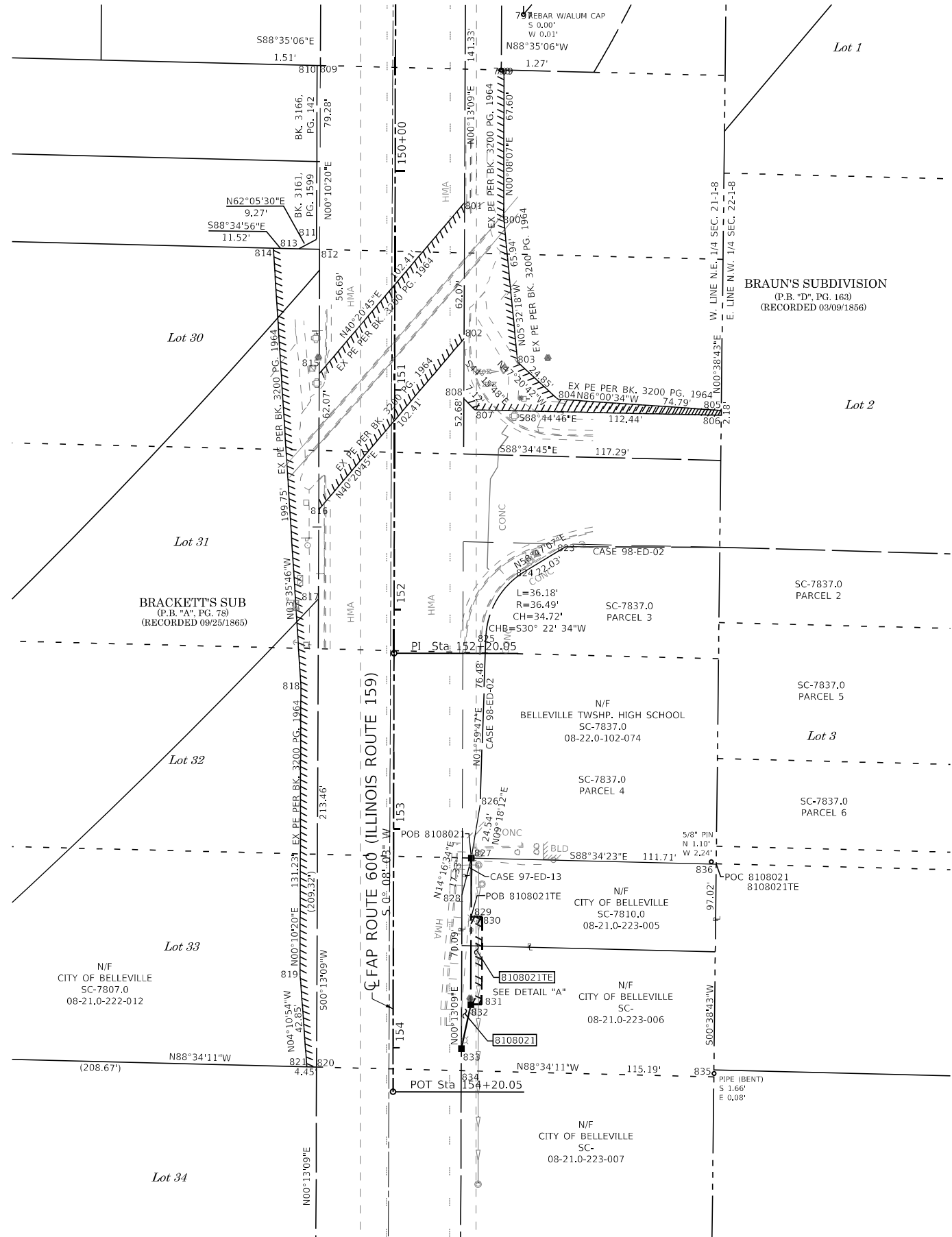
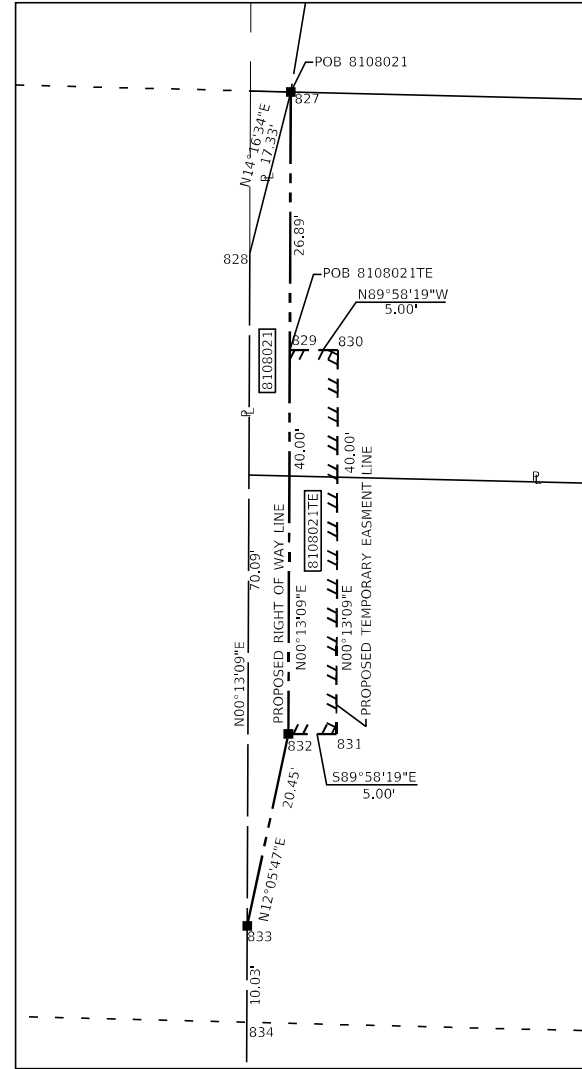
GREGORY S. McVICAR, PLS NO. 3512  
 LICENSE EXPIRATION DATE: 11/30/2022

SHEET 2 OF 13				
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.
600	130, 131RS-5	ST. CLAIR	63	22
CONTRACT NO. 76M53				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SEE SHEET 4

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

SPACE RESERVED FOR RECORDING OFFICER



COORDINATE TABLE				
POINT NUMBER	NORTHING	EASTING	STATION	OFFSET
797	118,078.8805'	85,896.8640'	149+28.67	58.33' LT
798	118,053.6020'	85,886.7558'	149+53.97	48.28' LT
799	118,053.5707'	85,888.0231'	149+54.00	49.55' LT
800	117,985.9755'	85,887.8635'	150+21.60	49.55' LT
801	117,993.1828'	85,870.0420'	150+14.43	31.71' LT
802	117,931.1176'	85,869.8045'	150+76.50	31.62' LT
803	117,920.3434'	85,894.2275'	150+87.22	56.07' LT
804	117,903.5054'	85,912.5033'	151+04.01	74.38' LT
805	117,898.3011'	85,987.1084'	151+09.04	149.00' LT
806	117,896.1212'	85,987.0839'	151+11.22	148.98' LT
807	117,898.5817'	85,874.6721'	151+09.02	36.56' LT
808	117,903.6838'	85,869.6996'	151+03.93	31.58' LT
809	118,055.6394'	85,804.2804'	149+52.13	34.20' RT
810	118,055.6766'	85,802.7749'	149+52.10	35.70' RT
811	117,976.3932'	85,802.5365'	150+31.38	35.76' RT
812	117,971.8182'	85,803.9597'	150+35.95	34.32' RT
813	117,972.0561'	85,794.3481'	150+35.74	43.94' RT
814	117,972.3412'	85,782.8273'	150+35.48	55.46' RT
815	117,915.1323'	85,803.7429'	150+92.64	34.41' RT
816	117,853.0672'	85,803.5055'	151+54.70	34.50' RT
817	117,812.3696'	85,803.3498'	151+95.40	34.56' RT
818	117,772.9887'	85,795.3558'	152+34.80	42.46' RT
819	117,641.7593'	85,794.9613'	153+66.03	42.55' RT
820	117,598.9122'	85,802.5332'	154+08.86	34.88' RT
821	117,599.0232'	85,798.0859'	154+08.76	39.32' RT
822	117,499.2505'	85,802.1519'		
823	117,836.1794'	85,916.1425'	151+71.33	78.18' LT
824	117,824.7573'	85,897.2932'	151+82.79	59.35' LT
825	117,794.8070'	85,879.7383'	152+12.78	41.87' LT
826	117,718.4047'	85,877.0751'	152+89.19	39.39' LT
827	117,694.1850'	85,873.1075'	153+13.42	35.47' LT
828	117,677.3898'	85,868.8339'	153+30.23	31.24' LT
829	117,667.2964'	85,873.0046'	153+40.31	35.43' LT
830	117,667.2940'	85,878.0046'	153+40.30	40.43' LT
831	117,627.2941'	85,877.8516'	153+80.30	40.38' LT
832	117,627.2965'	85,872.8516'	153+80.31	35.38' LT
833	117,607.2986'	85,868.5657'	154+00.32	31.14' LT
834	117,597.2645'	85,868.5274'	154+10.35	31.12' LT
835	117,594.3895'	85,983.6862'	154+12.96	146.29' LT
836	117,691.4033'	85,984.7787'	153+15.94	147.15' LT
837	117,497.5990'	85,868.1461'		

STATE OF ILLINOIS )  
 ) SS  
COUNTY OF MADISON )

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

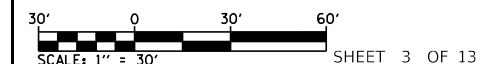
DATED \_\_\_\_\_

GREGORY S. McVICAR, PLS NO. 3512  
LICENSE EXPIRATION DATE: 11/30/2022



**SHERRILL ASSOCIATES, INC.**  
Engineers - Surveyors - Planners  
Professional Design Firm Number 184-001238  
316 North Main Street, Edwardsville, IL 62025  
Tel: 618-656-9251, Fax: 618-656-9496

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PLAT OF HIGHWAY**  
FAP ROUTE 600 (IL 159)  
SECTION 130, 131RS-5  
ST. CLAIR COUNTY  
JOB NO. R-98-008-21  
STA. 149+50 TO STA. 154+20.05



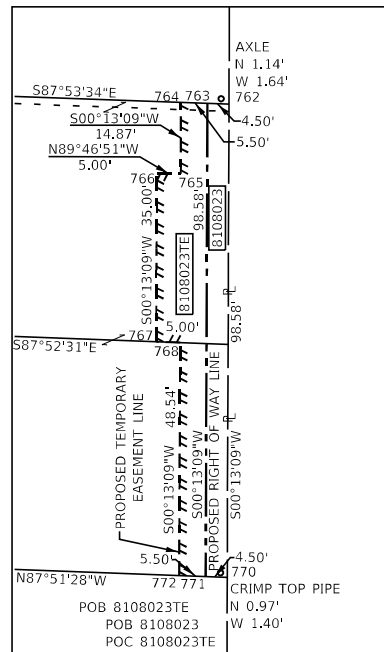
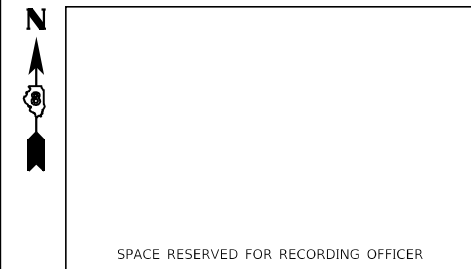
ILLINOIS DEPARTMENT OF TRANSPORTATION OFFICE OF HIGHWAYS PROJECT IMPLEMENTATION/REGION 5/DISTRICT 8 1102 EASTPORT PLAZA DRIVE COLLINSVILLE, ILLINOIS 62234-6198				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	130, 131RS-5	ST. CLAIR	63	23
CONTRACT NO. 76M53			FED. AID PROJECT	

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	FEE SIMPLE ACQUISITION ACRES	REMAINDER SO FT	REMAINDER ACRES	EASEMENTS		EASEMENT PURPOSE	PERMANENT TAX NUMBER AFFECTED	PROPERTY ACQUIRED BY
						PE = PERMANENT ACRES	TE = TEMPORARY SO FT			
8108021	CITY OF BELLEVILLE TITLE REPORT NO. SC-7810.0	0.2565	0.0066	288	0.2499	TE=0.0046	TE=200	CONSTRUCTION AND GRADING	08-21.0-223-005	

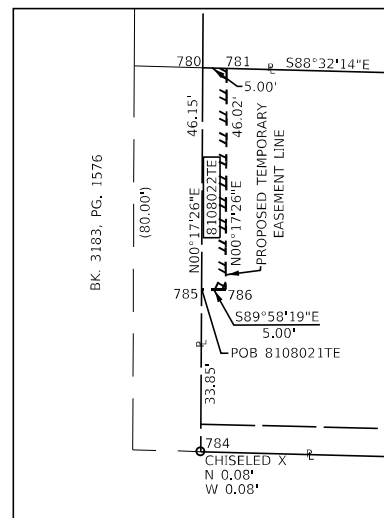
COMPLETION DATE OF FIELD WORK PERFORMED  
LAND SURVEY: 12/06/2021 ROW STAKING:

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

SEE SHEET 5



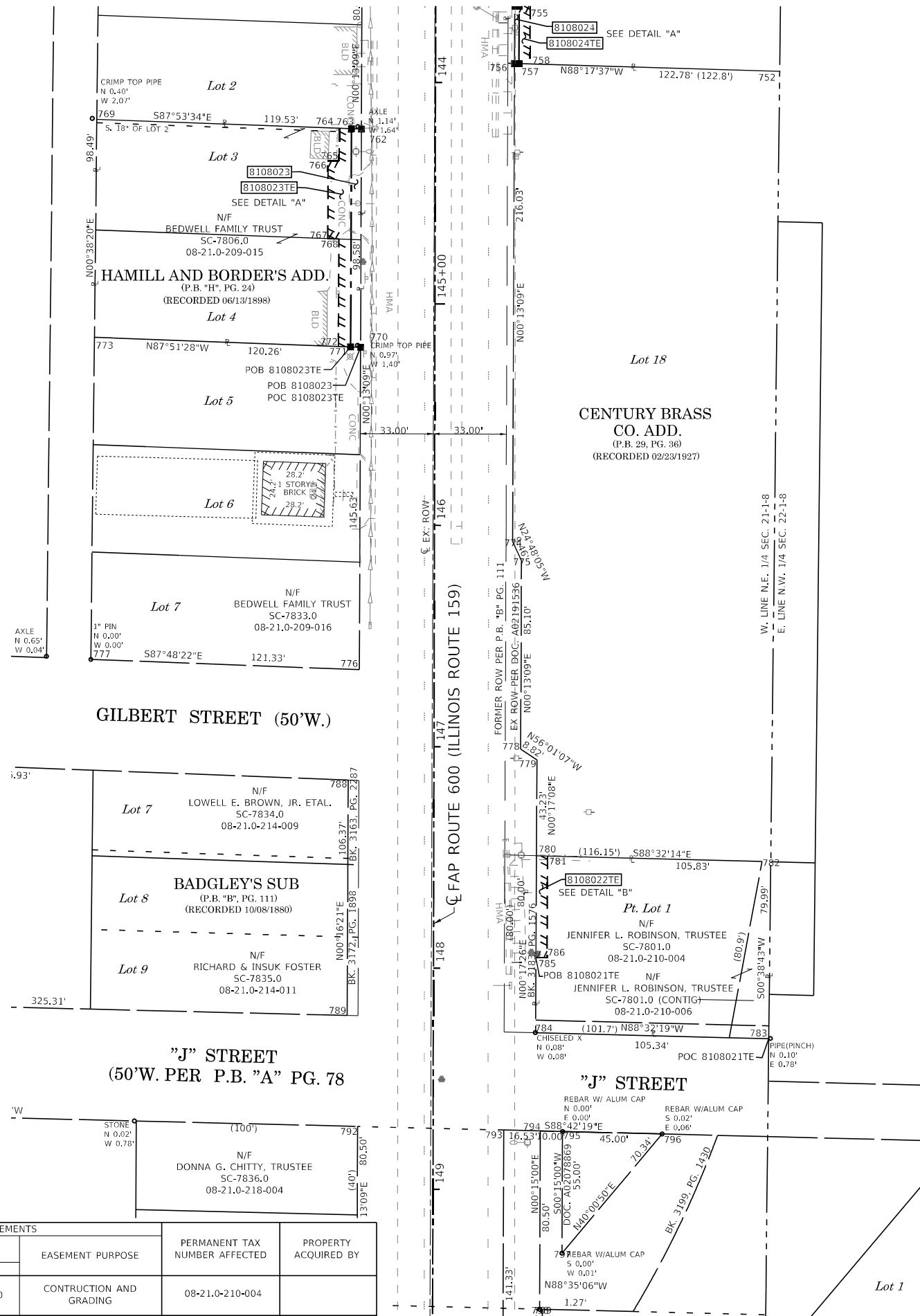
DETAIL "A"  
SCALE: 1"=20'



DETAIL "B"  
SCALE: 1"=20'

\* NOTE:  
JAMES W. BEDWELL, JR. AND GLORIA J. BEDWELL, AS CO-TRUSTEES UNDER THE PROVISIONS OF A TRUST AGREEMENT DATED THE 4TH DAY OF JUNE, 2010, KNOWN AS THE BEDWELL FAMILY TRUST

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	FEE SIMPLE ACQUISITION ACRES	REMAINDER ACRES	EASEMENTS		EASEMENT PURPOSE	PERMANENT TAX NUMBER AFFECTED	PROPERTY ACQUIRED BY
					PE = PERMANENT ACRES	TE = TEMPORARY ACRES			
8108022	JENNIFER L. ROBINSON AS SUCCESSOR TRUSTEE OF THE PERIWINKLE CIRCLE LAND TRUST - TITLE REPORT NO. SC-7801.0	0.1939	N/A	0.1939	TE=0.0053	TE=230	CONSTRUCTION AND GRADING	08-21.0-210-004	
8108023	* SEE NOTE TITLE REPORT NO. SC-7806.0	0.2711	0.0102	0.2609	TE=0.0165	TE=718	CONSTRUCTION AND GRADING	08-21.0-209-015	



COORDINATE TABLE				
POINT NUMBER	NORTHING	EASTING	STATION	OFFSET
752	118,612.7397	85,995.1534	143+94.58	155.37' LT
753	118,642.2953	85,875.5252	143+65.31	35.67' LT
754	118,642.2944	85,877.5252	143+65.31	37.67' LT
755	118,642.2919	85,882.5252	143+65.30	42.67' LT
756	118,616.3065	85,875.4258	143+91.30	35.63' LT
757	118,616.2469	85,877.4256	143+91.35	37.63' LT
758	118,616.0980	85,882.4250	143+91.49	42.63' LT
759	118,686.5680	85,687.9210	143+21.48	152.04' RT
760	118,682.7783	85,792.6795	143+25.02	47.27' RT
761	118,667.2721	85,806.6202	143+40.49	33.29' RT
762	118,586.6900	85,806.3120	144+21.08	33.41' RT
763	118,586.8555	85,801.8126	144+20.92	37.91' RT
764	118,587.0579	85,796.3133	144+20.73	43.41' RT
765	118,572.1848	85,796.2564	144+35.60	43.43' RT
766	118,572.2040	85,791.2564	144+35.60	48.43' RT
767	118,537.2042	85,791.1225	144+70.60	48.48' RT
768	118,537.0187	85,796.1219	144+70.77	43.48' RT
769	118,591.0853	85,686.8563	144+16.96	152.88' RT
770	118,488.1064	85,805.9348	145+19.66	33.56' RT
771	118,488.2747	85,801.4354	145+19.50	38.06' RT
772	118,488.4804	85,795.9362	145+19.31	43.56' RT
773	118,492.6017	85,685.7581	145+15.45	153.74' RT
774	118,400.2804	85,874.5994	146+07.33	35.31' LT
775	118,391.6952	85,878.5665	146+15.90	39.30' LT
776	118,342.4822	85,805.3777	146+65.29	33.77' RT
777	118,347.1270	85,684.1360	146+60.92	155.03' RT
778	118,306.5958	85,878.2410	147+01.00	39.17' LT
779	118,301.6678	85,885.5522	147+05.91	46.50' LT
780	118,258.4383	85,885.3368	147+49.14	46.38' LT
781	118,258.3107	85,890.3362	147+49.26	51.38' LT
782	118,255.7367	85,991.1333	147+51.60	152.19' LT
783	118,175.7529	85,990.2327	148+31.58	151.47' LT
784	118,178.4394	85,884.9311	148+29.14	46.16' LT
785	118,212.2906	85,885.1028	147+95.29	46.26' LT
786	118,212.2882	85,890.1028	147+95.28	51.26' LT
787	118,305.1528	85,473.6833	147+03.39	365.38' RT
788	118,292.6372	85,800.3753	147+15.14	38.66' RT
789	118,186.2722	85,799.8692	148+21.51	38.92' RT
790	118,194.2912	85,474.6546	148+14.25	364.15' RT
791	118,144.2877	85,474.1820	148+64.26	364.50' RT
792	118,136.1407	85,804.5884	148+71.63	34.08' RT
793	118,134.5134	85,870.5826	148+73.10	31.92' LT
794	118,134.1060	85,887.1070	148+73.47	48.44' LT
795	118,133.8800	85,897.1040	148+73.67	58.44' LT
796	118,132.7522	85,942.0900	148+74.69	103.43' LT
797	118,078.8805	85,896.8640	149+28.67	58.33' LT

STATE OF ILLINOIS )  
 ) SS  
COUNTY OF MADISON )  
  
I, GREGORY S. McVICAR, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE EASEMENT PLAT SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED \_\_\_\_\_  
  
GREGORY S. McVICAR, PLS NO. 3512  
LICENSE EXPIRATION DATE: 11/30/2022



ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PLAT OF HIGHWAY**  
FAP ROUTE 600 (IL 159)  
SECTION 130, 131RS-5  
ST. CLAIR COUNTY  
JOB NO. R-98-008-21  
STA. 143+50 TO STA. 149+50

SCALE: 1" = 30'

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.
600	130, 131RS-5	ST. CLAIR	63	24

CONTRACT NO. 76M53

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

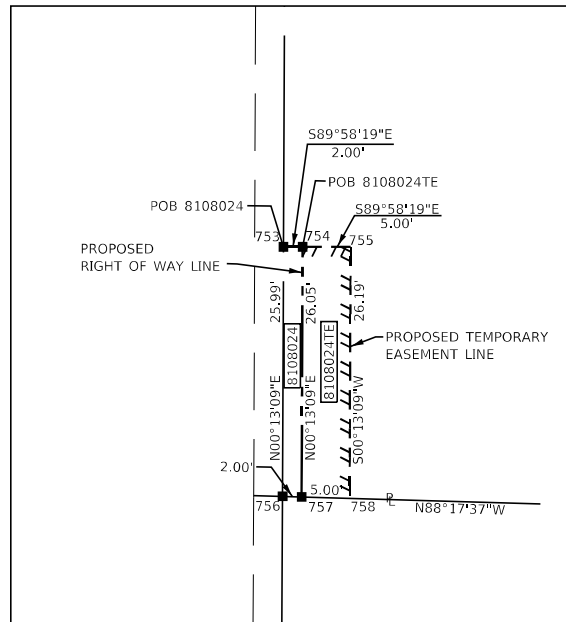
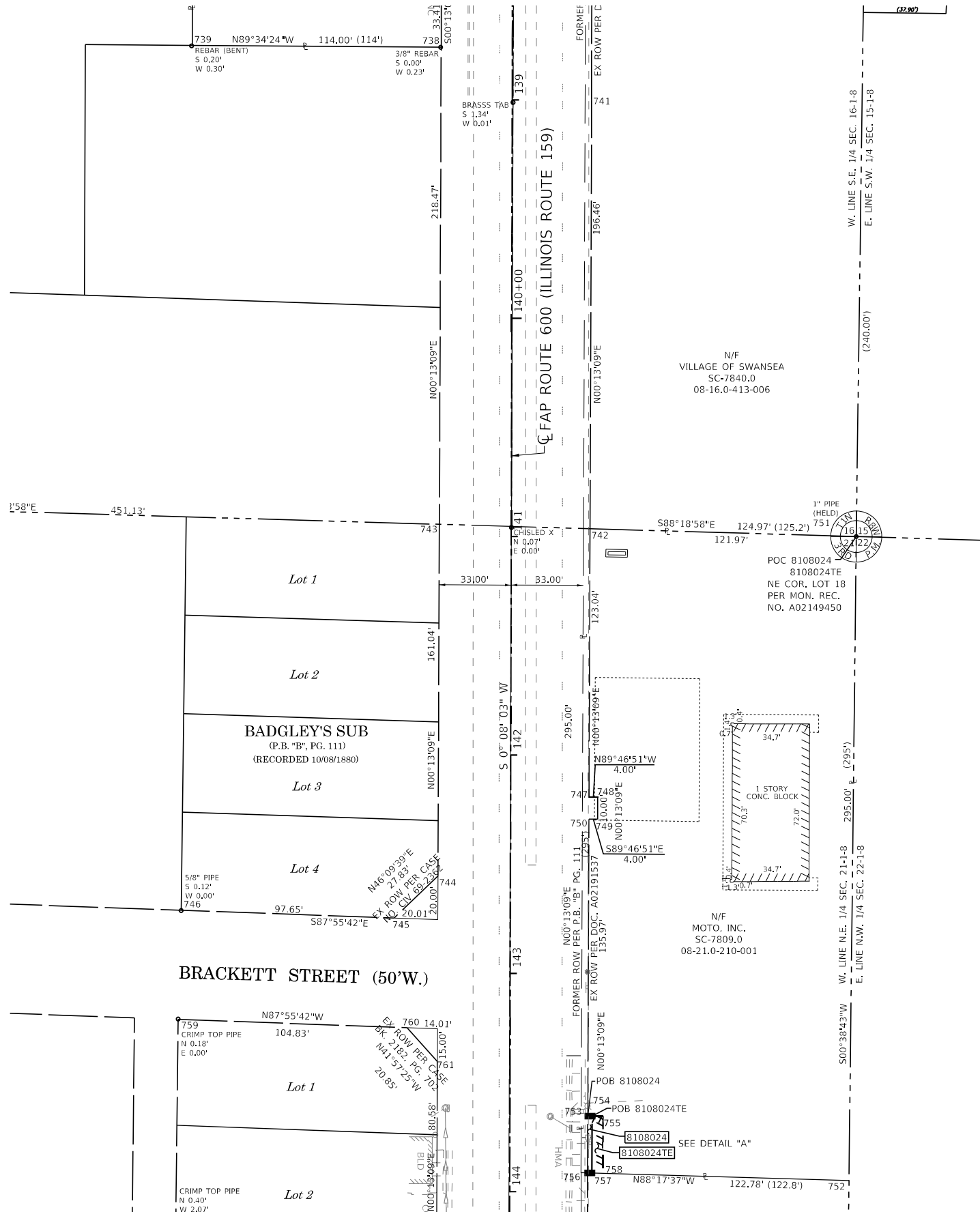


SEE LEGENDS, TOPOGRAPHIC STATEMENT, SURVEYORS NOTE(S) AND BASIS OF COORDINATES & BEARINGS STATEMENT ON SHEET 2

SEE SHEET 6



SPACE RESERVED FOR RECORDING OFFICER



DETAIL "A"  
SCALE: 1"=10'

COORDINATE TABLE				
POINT NUMBER	NORTHING	EASTING	STATION	OFFSET
735	119,165.2165'	85,808.5251'	138+42.55	32.55' RT
736	119,165.2054'	85,803.5250'	138+42.57	37.55' RT
737	119,165.1888'	85,796.0249'	138+42.60	45.05' RT
738	119,131.8018'	85,808.3972'	138+75.96	32.60' RT
739	119,132.6507'	85,694.4004'	138+75.38	146.60' RT
740	119,270.5472'	85,877.3130'	137+37.05	35.99' LT
741	119,107.7653'	85,877.3059'	138+99.84	36.36' LT
742	118,911.3055'	85,876.5543'	140+96.30	36.07' LT
743	118,913.3339'	85,807.5616'	140+94.43	32.93' RT
744	118,752.2976'	85,806.9455'	142+55.47	33.17' RT
745	118,733.0211'	85,786.8716'	142+74.79	53.19' RT
746	118,736.5514'	85,689.2846'	142+71.49	150.79' RT
747	118,788.2676'	85,876.0836'	142+19.34	35.89' LT
748	118,788.2523'	85,880.0836'	142+19.34	39.89' LT
749	118,778.2524'	85,880.0453'	142+29.34	39.87' LT
750	118,778.2677'	85,876.0454'	142+29.34	35.87' LT
751	118,907.7210'	85,998.4750'	140+99.60	158.00' LT
752	118,612.7397'	85,995.1534'	143+94.58	155.37' LT
753	118,642.2953'	85,875.5252'	143+65.31	35.67' LT
754	118,642.2944'	85,877.5252'	143+65.31	37.67' LT
755	118,642.2919'	85,882.5252'	143+65.30	42.67' LT
756	118,616.3065'	85,875.4258'	143+91.30	35.63' LT
757	118,616.2469'	85,877.4256'	143+91.35	37.63' LT
758	118,616.0980'	85,882.4250'	143+91.49	42.63' LT
759	118,686.5680'	85,687.9210'	143+21.48	152.04' RT
760	118,682.7783'	85,792.6795'	143+25.02	47.27' RT
761	118,667.2721'	85,806.6202'	143+40.49	33.29' RT

STATE OF ILLINOIS )  
 ) SS  
COUNTY OF MADISON )

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

DATED \_\_\_\_\_

GREGORY S. MCVICAR, PLS NO. 3512  
LICENSE EXPIRATION DATE: 11/30/2022



**SA** **SHERRILL ASSOCIATES, INC.**  
Engineers - Surveyors - Planners  
Professional Design Firm Number 184-001238  
316 North Main Street Tel. 618-656-9251  
Edwardsville, IL 62025 Fax 618-656-9496

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PLAT OF HIGHWAY**  
FAP ROUTE 600 (IL 159)  
SECTION 130, 131RS-5  
ST. CLAIR COUNTY  
JOB NO. R-98-008-21  
STA. 138+50 TO STA. 144+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.
600	130, 131RS-5	ST. CLAIR	63	25

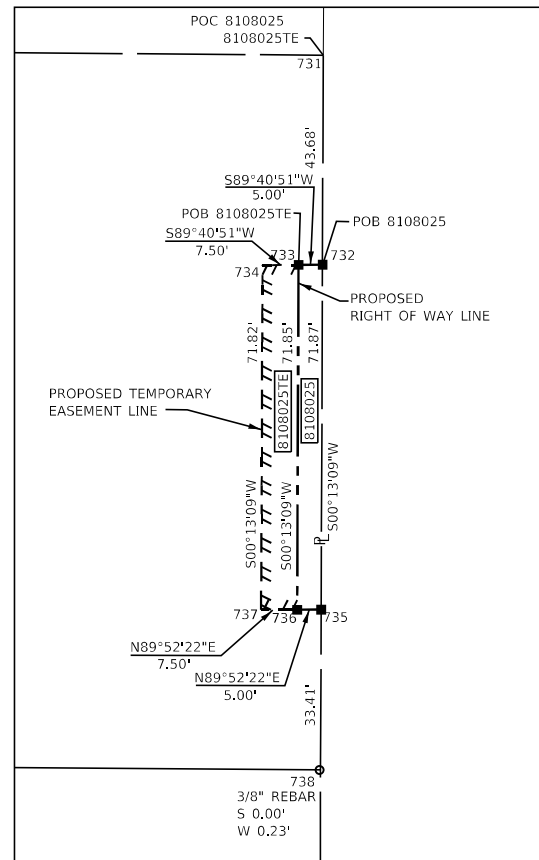
CONTRACT NO. 76M53

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	FEE SIMPLE ACQUISITION ACRES	REMAINDER SQ FT	REMAINDER ACRES	EASEMENTS		EASEMENT PURPOSE	PERMANENT TAX NUMBER AFFECTED	PROPERTY ACQUIRED BY
						PE = PERMANENT ACRES	TE = TEMPORARY SQ FT			
8108024	MOTO, INC. A MISSOURI CORPORATION TITLE REPORT NO. SC-7809.0	0.8387	0.0012	52	0.8375	TE=0.0030	TE=131	CONSTRUCTION AND GRADING	08-21.0-210-001	

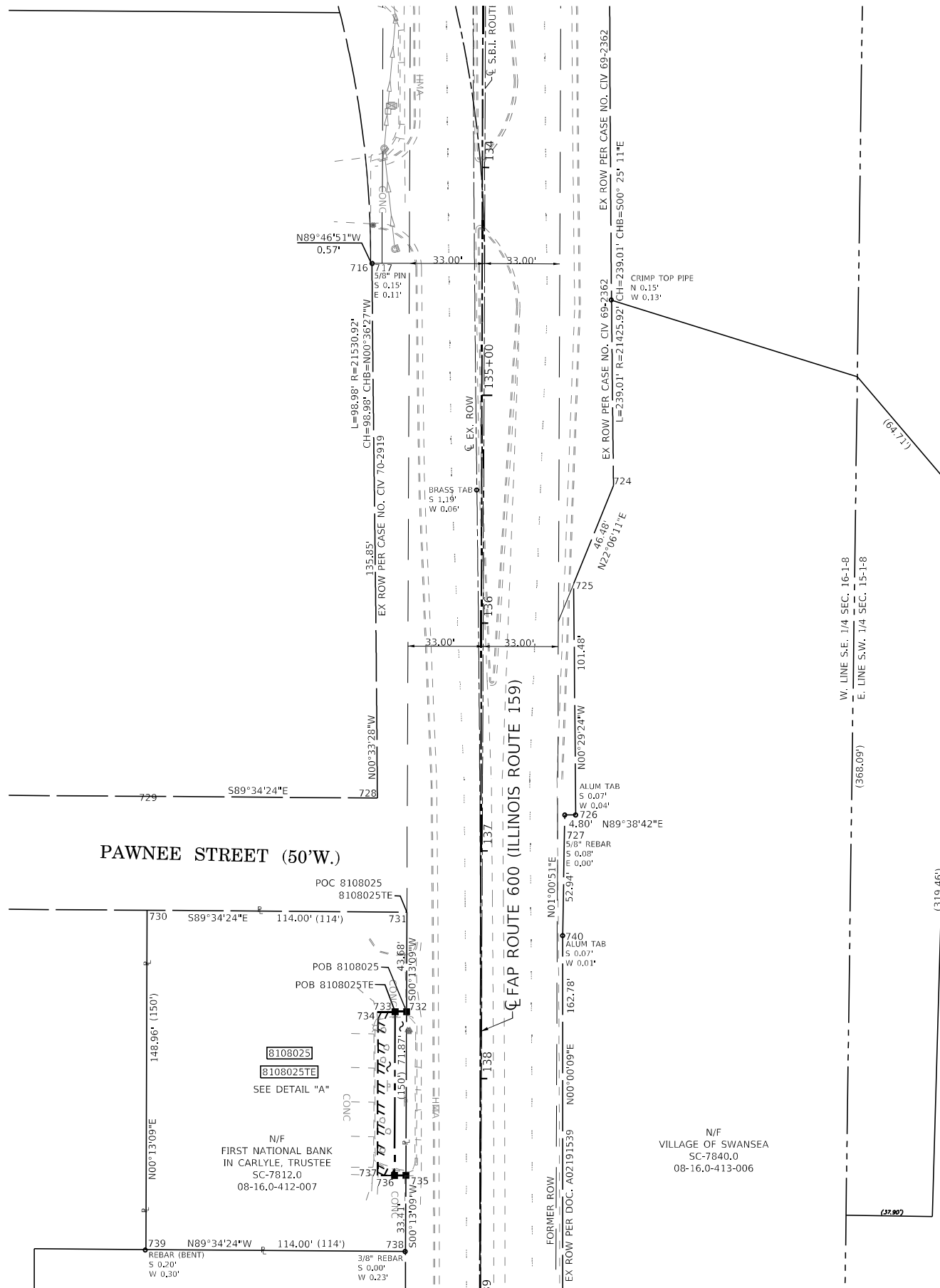
COMPLETION DATE OF FIELD WORK PERFORMED  
LAND SURVEY: 12/06/2021 ROW STAKING:

SEE SHEET 7

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



DETAIL "A"  
SCALE: 1"=20'



SEE SHEET 5

COORDINATE TABLE				
POINT NUMBER	NORTHING	EASTING	STATION	OFFSET
716	119,565.6757'	85,793.0568'	134+42.12	48.96' RT
717	119,565.6735'	85,793.6297'	134+42.13	48.39' RT
718	119,968.1789'	85,895.9985'	130+36.43	49.72' LT
719	119,967.5870'	85,903.0546'	130+36.61	56.80' LT
720	119,842.5144'	85,898.1639'	131+65.04	55.50' LT
721	119,820.8837'	85,923.0240'	131+86.61	80.41' LT
722	119,721.8273'	85,922.8994'	132+85.67	80.52' LT
723	119,707.0522'	85,897.9201'	133+00.50	55.57' LT
724	119,468.0491'	85,899.6704'	135+39.50	57.88' LT
725	119,424.9867'	85,882.1819'	135+82.60	40.50' LT
726	119,323.5122'	85,883.0499'	136+84.08	41.60' LT
727	119,323.4825'	85,878.2500'	136+84.12	36.80' LT
728	119,330.8555'	85,796.0013'	136+76.94	45.46' RT
729	119,331.6064'	85,695.1614'	136+76.42	146.31' RT
730	119,281.6064'	85,694.9702'	137+26.42	146.38' RT
731	119,280.7575'	85,808.9670'	137+27.00	32.38' RT
732	119,237.0817'	85,808.8000'	137+70.68	32.45' RT
733	119,237.0538'	85,803.7998'	137+70.72	37.45' RT
734	119,237.0120'	85,796.2996'	137+70.78	44.95' RT
735	119,165.2165'	85,808.5251'	138+42.55	32.55' RT
736	119,165.2054'	85,803.5250'	138+42.57	37.55' RT
737	119,165.1888'	85,796.0249'	138+42.60	45.05' RT
738	119,131.8018'	85,808.3972'	138+75.96	32.60' RT
739	119,132.6507'	85,694.4004'	138+75.38	146.60' RT

STATE OF ILLINOIS )  
 ) SS  
COUNTY OF MADISON )

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

DATED \_\_\_\_\_

GREGORY S. McVICAR, PLS NO. 3512  
LICENSE EXPIRATION DATE: 11/30/2022



**SHERRILL ASSOCIATES, INC.**  
Engineers - Surveyors - Planners  
Professional Design Firm Number 184-001238  
316 North Main Street, Edwardsville, IL 62025  
Tel. 618-656-9251, Fax 618-656-9496

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PLAT OF HIGHWAY**  
FAP ROUTE 600 (IL 159)  
SECTION 130, 131RS-5  
ST. CLAIR COUNTY  
JOB NO. R-98-008-21  
STA. 133+50 TO STA. 139+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.
600	130, 131RS-5	ST. CLAIR	63	26
COMPLETION DATE OF FIELD WORK PERFORMED			CONTRACT NO. 76M53	
LAND SURVEY: 12/06/2021		ROW STAKING:		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	FEE SIMPLE ACQUISITION ACRES	REMAINDER ACRES	EASEMENTS		PERMANENT TAX NUMBER AFFECTED	PROPERTY ACQUIRED BY
					PE = PERMANENT ACRES	TE = TEMPORARY ACRES		
8108025	FIRST NATIONAL BANK IN CARLYE, AS TRUSTEE UNDER LAND TRUST AGREEMENT DATED 30TH DAY OF OCTOBER, 2013, KNOWN AS TRUST NO. 1052 - TITLE REPORT NO. SC-7812.0	0.3898	0.0082	359	0.3816	TE=0.0124 TE=539	08-16-0-412-007	

SEE SHEET 8

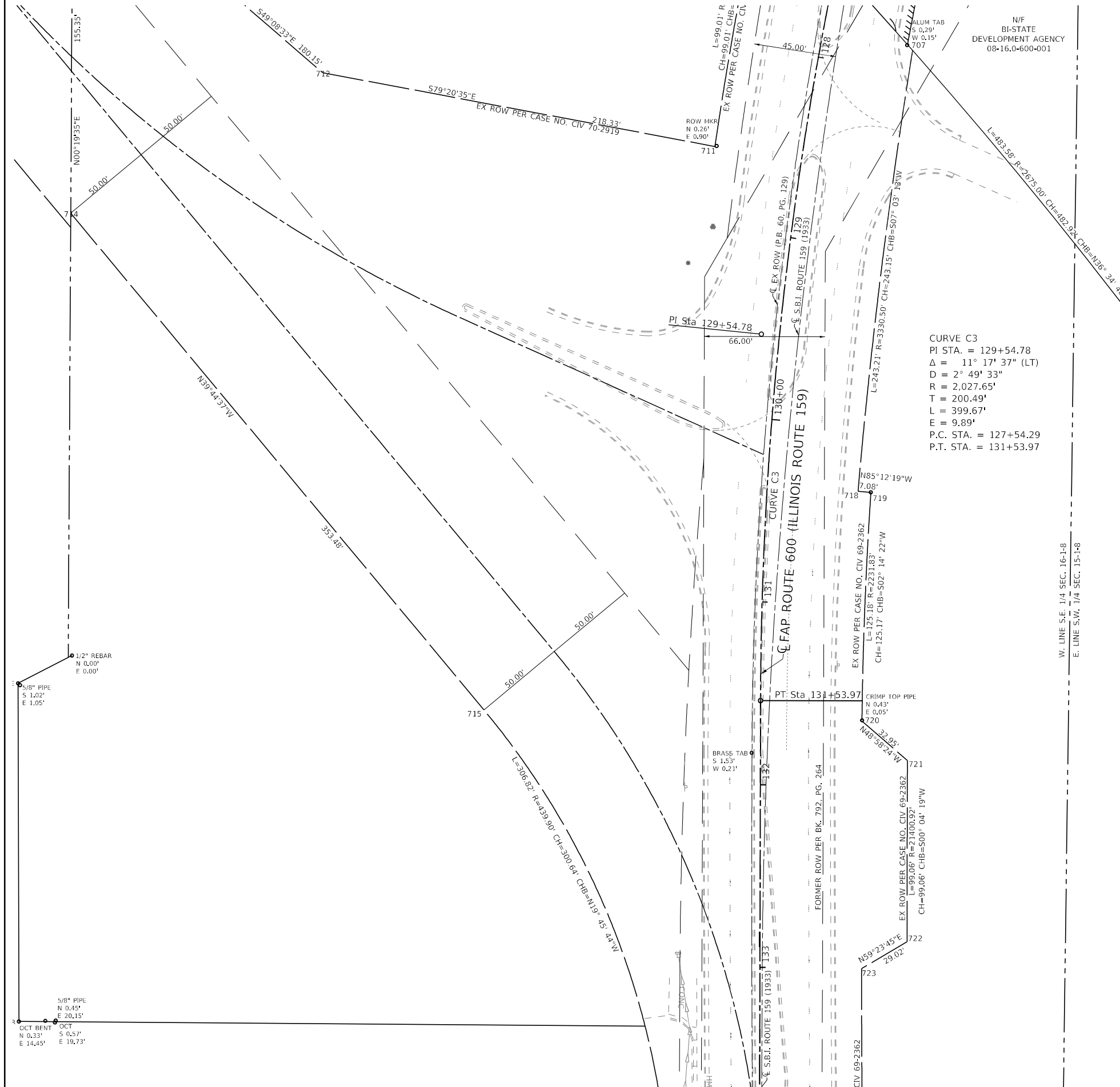
SEE LEGENDS, TOPOGRAPHIC STATEMENT, SURVEYORS NOTE(S) AND BASIS OF COORDINATES & BEARINGS STATEMENT ON SHEET 2



SPACE RESERVED FOR RECORDING OFFICER

COORDINATE TABLE				
POINT NUMBER	NORTHING	EASTING	STATION	OFFSET
707	120,212.6494'	85,923.0619'	127+84.34	46.71' LT
708	120,289.8709'	85,854.1419'	127+21.61	35.93' RT
709	120,349.2936'	85,801.3136'	126+73.83	99.48' RT
710	120,267.0847'	85,836.5736'	127+47.42	48.64' RT
711	120,156.8917'	85,817.7495'	128+56.79	47.90' RT
712	120,197.2662'	85,603.1889'	128+49.63	266.09' RT
713	120,315.1145'	85,466.9371'	127+70.27	420.54' RT
714	120,120.4033'	85,465.4079'	129+30.83	392.55' RT
715	119,848.6099'	85,691.4048'	131+59.43	151.27' RT
716	119,565.6757'	85,793.0568'	134+42.12	48.96' RT
717	119,565.6735'	85,793.6297'	134+42.13	48.39' RT
718	119,968.1789'	85,895.9985'	130+36.43	49.72' LT
719	119,967.5870'	85,903.0546'	130+36.61	56.80' LT
720	119,842.5144'	85,898.1639'	131+65.04	55.50' LT
721	119,820.8837'	85,923.0240'	131+86.61	80.41' LT
722	119,721.8273'	85,922.8994'	132+85.67	80.52' LT
723	119,707.0522'	85,897.9201'	133+00.50	55.57' LT

CURVE C3  
 PI STA. = 129+54.78  
 $\Delta = 11^\circ 17' 37''$  (LT)  
 $D = 2^\circ 49' 33''$   
 $R = 2,027.65'$   
 $T = 200.49'$   
 $L = 399.67'$   
 $E = 9.89'$   
 P.C. STA. = 127+54.29  
 P.T. STA. = 131+53.97



STATE OF ILLINOIS )  
 ) SS  
 COUNTY OF MADISON )

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

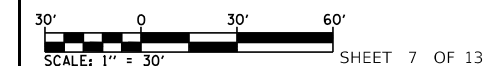
DATED \_\_\_\_\_

GREGORY S. McVICAR, PLS NO. 3512  
 LICENSE EXPIRATION DATE: 11/30/2022



**SHERRILL ASSOCIATES, INC.**  
 Engineers - Surveyors - Planners  
 Professional Design Firm Number 184-001238  
 316 North Main Street Tel. 618-656-9251  
 Edwardsville, IL 62025 Fax 618-656-9496

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PLAT OF HIGHWAY**  
 FAP ROUTE 600 (IL 159)  
 SECTION 130, 131RS-5  
 ST. CLAIR COUNTY  
 JOB NO. R-98-008-21  
 STA. 128+00 TO STA. 134+00



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.
600	26, 45RS-3	ST. CLAIR	63	27
CONTRACT NO. 76M53				
FED. ROAD DIST. NO. _____		ILLINOIS	FED. AID PROJECT	

COMPLETION DATE OF FIELD WORK PERFORMED	
LAND SURVEY: 12/06/2021	ROW STAKING:

SEE SHEET 6

SEE SHEET 9

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



SPACE RESERVED FOR RECORDING OFFICER

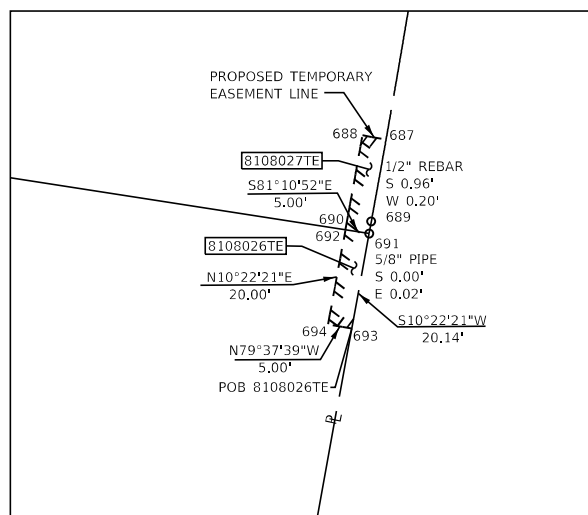
COORDINATE TABLE				
POINT NUMBER	NORTHING	EASTING	STATION	OFFSET
687	120,758.9808'	85,943.0628'	122+43.49	41.34' RT
688	120,759.8527'	85,938.1394'	122+43.52	46.34' RT
689	120,742.9174'	85,940.1705'	122+60.06	41.22' RT
690	120,743.8177'	85,935.2522'	122+60.10	46.22' RT
691	120,739.4042'	85,939.5274'	122+63.69	41.19' RT
692	120,740.1711'	85,934.5847'	122+63.87	46.19' RT
693	120,719.5977'	85,935.9020'	122+84.13	40.93' RT
694	120,720.4979'	85,930.9837'	122+84.21	45.93' RT
695	120,650.8753'	85,923.3231'	123+54.05	39.65' RT
696	120,807.9879'	86,046.0076'	121+77.84	51.79' LT
697	120,413.1652'	86,041.9604'	125+63.55	123.74' LT
698	120,856.3195'	86,196.6138'	121+11.12	193.77' LT
699	120,806.3232'	86,195.9984'	121+57.33	200.25' LT
700	120,347.2327'	86,191.2924'	125+98.58	283.17' LT
701	120,380.4896'	86,041.6925'	125+95.63	129.95' LT
702	120,339.4064'	86,017.7668'	126+40.64	114.64' LT
703	120,334.8192'	86,015.0954'	126+45.66	112.93' LT
704	120,474.9904'	85,891.1292'	125+32.83	36.35' RT
705	120,474.7410'	85,891.3395'	125+33.03	36.10' RT
706	120,398.4714'	85,958.2669'	125+94.53	44.61' LT
707	120,212.6494'	85,923.0619'	127+84.34	46.71' LT
708	120,289.8709'	85,854.1419'	127+21.61	35.93' RT
709	120,349.2936'	85,801.3136'	126+73.83	99.48' RT
710	120,267.0847'	85,836.5736'	127+47.42	48.64' RT

STATE OF ILLINOIS )  
 ) SS  
COUNTY OF MADISON )

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

DATED \_\_\_\_\_

GREGORY S. MCVICAR, PLS NO. 3512  
LICENSE EXPIRATION DATE: 11/30/2022



DETAIL "A"  
SCALE: 1"=20'

SEE SHEET 7

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	EASEMENTS		EASEMENT PURPOSE	PERMANENT TAX NUMBER AFFECTED	PROPERTY ACQUIRED BY
			PE = PERMANENT ACRES	TE = TEMPORARY SQ FT			
8108026	IMBODEN PROPERTIES, LLC TITLE REPORT NO. SC-7811.0	0.8694	TE=0.0023	TE=100	GRADING	08-16.0-407-004	

COMPLETION DATE OF FIELD WORK PERFORMED  
LAND SURVEY: 12/06/2021 ROW STAKING:

SCALE: 1" = 30' SHEET 8 OF 13

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

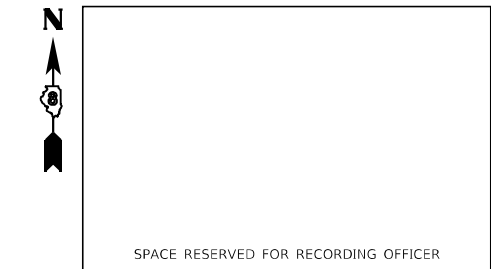
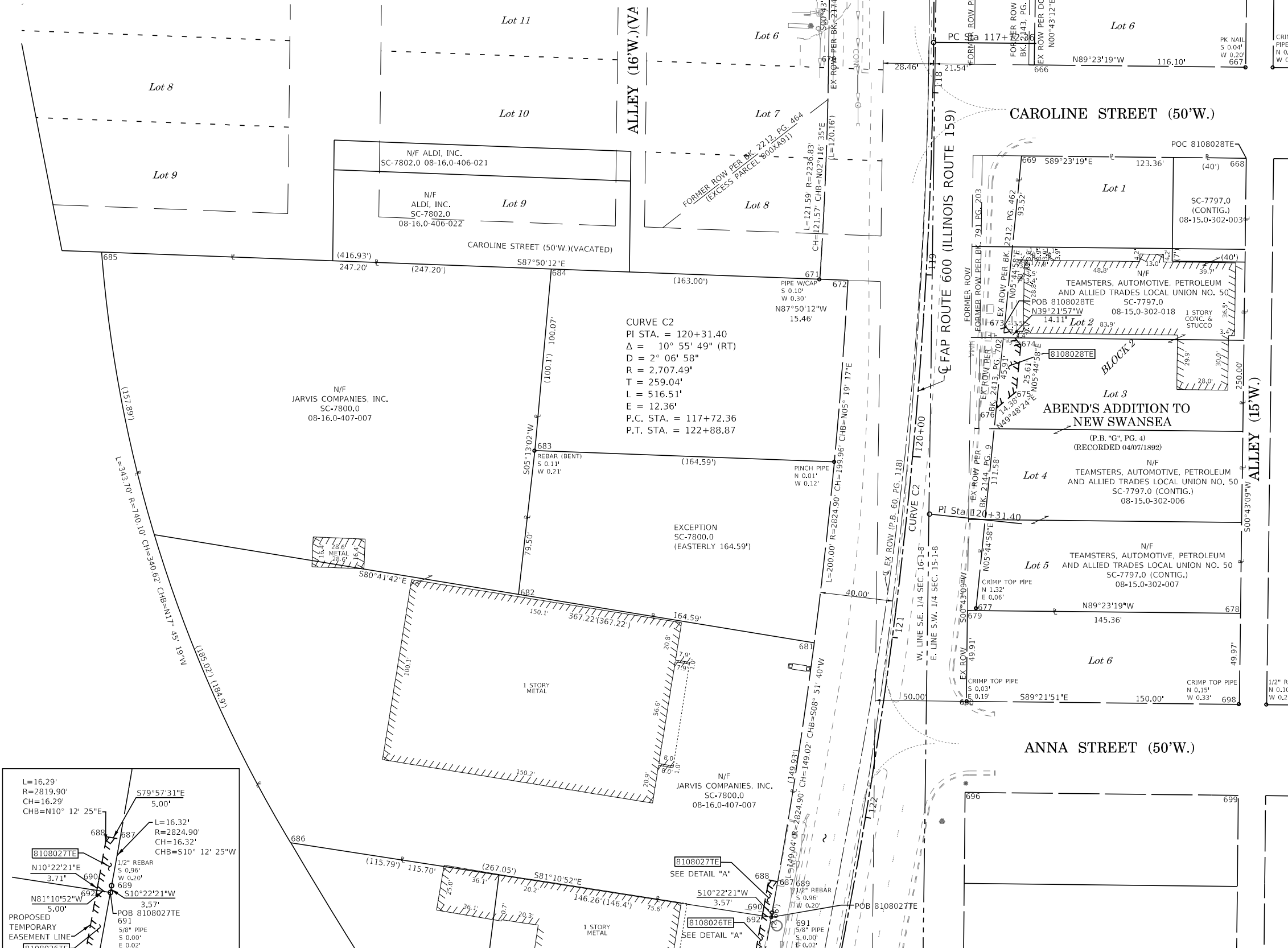
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	130, 131RS-5	ST. CLAIR	63	28

CONTRACT NO. 76M53

SEE SHEET 10

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

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	EASEMENTS		PERMANENT TAX NUMBER AFFECTED	PROPERTY ACQUIRED BY
			PE = PERMANENT TE = TEMPORARY ACRES	SO FT		
8108027	JARVIS COMPANIES, INC., AN ILLINOIS CORPORATION TITLE REPORT NO. SC-7800.0	2.0054	TE=0.0023	TE=100	08-16.0-407-007	
8108028	TEAMSTERS, AUTOMOTIVE, PETROLEUM AND ALLIED TRADES LOCAL UNION NO. 50 TITLE REPORT NO. SC-7797.0	0.7711	TE=0.0082	TE=358	08-15.0-302-018; 08-15.0-302-006; 08-15.0-302-003; 08-15.0-302-007	



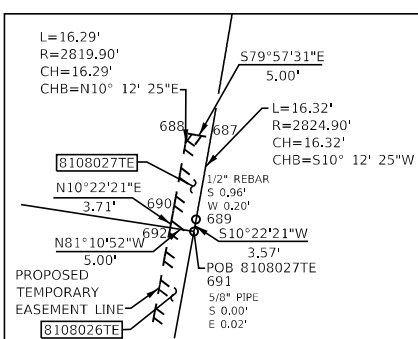
COORDINATE TABLE				
POINT NUMBER	NORTHING	EASTING	STATION	OFFSET
664	121,307.5394'	86,082.2686'	116+84.21	52.83' LT
665	121,307.5076'	86,085.2685'	116+84.21	55.83' LT
666	121,207.5153'	86,084.0121'	117+83.97	55.47' LT
667	121,206.2765'	86,200.1007'	117+83.72	171.56' LT
668	121,156.2707'	86,200.3791'	118+30.72	172.92' LT
669	121,157.5870'	86,077.0304'	118+33.09	49.59' LT
670	121,211.3146'	85,971.0521'	117+81.59	57.53' RT
671	121,089.8397'	85,966.2233'	119+05.82	58.10' RT
672	121,089.2562'	85,981.6706'	119+05.51	42.65' RT
673	121,064.5334'	86,067.6614'	119+24.89	44.70' LT
674	121,053.6218'	86,076.6133'	119+35.00	54.36' LT
675	121,028.1383'	86,074.0476'	119+60.10	53.67' RT
676	121,018.8574'	86,063.0626'	119+70.05	43.46' LT
677	120,907.8411'	86,051.8850'	120+79.87	43.64' LT
678	120,906.2899'	86,197.2411'	120+64.73	188.15' LT
679	120,907.8906'	86,047.2495'	120+80.38	39.04' LT
680	120,857.9841'	86,046.6231'	121+29.18	44.96' LT
681	120,890.1580'	85,963.1255'	121+08.69	42.15' RT
682	120,916.7703'	85,800.7012'	121+03.44	206.66' RT
683	120,995.7572'	85,809.6877'	120+17.37	206.80' RT
684	121,095.4089'	85,818.7867'	119+09.05	205.61' RT
685	121,104.7398'	85,571.7629'	119+15.41	452.75' RT
686	120,780.3457'	85,675.6344'	122+74.60	308.05' RT
687	120,758.9808'	85,943.0628'	122+43.49	41.34' RT
688	120,759.8527'	85,938.1394'	122+43.52	46.34' RT
689	120,742.9174'	85,940.1705'	122+60.06	41.22' RT
690	120,743.8177'	85,935.2522'	122+60.10	46.22' RT
691	120,739.4042'	85,939.5274'	122+63.69	41.19' RT
692	120,740.1711'	85,934.5847'	122+63.87	46.19' RT

STATE OF ILLINOIS )  
 ) SS  
 COUNTY OF MADISON )

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

DATED \_\_\_\_\_

GREGORY S. MCVICAR, PLS NO. 3512  
 LICENSE EXPIRATION DATE: 11/30/2022



SEE SHEET 8

COMPLETION DATE OF FIELD WORK PERFORMED  
 LAND SURVEY: 12/06/2021 ROW STAKING:

**SHERRILL ASSOCIATES, INC.**  
 Engineers - Surveyors - Planners  
 Professional Design Firm Number 184-001238  
 316 North Main Street Tel. 618-656-9251  
 Edwardsville, IL 62025 Fax 618-656-9496

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PLAT OF HIGHWAY**  
 FAP ROUTE 600 (IL 159)  
 SECTION 130, 131RS-5  
 ST. CLAIR COUNTY  
 JOB NO. R-98-008-21  
 STA. 117+00 TO STA. 123+00

SCALE: 1" = 30'

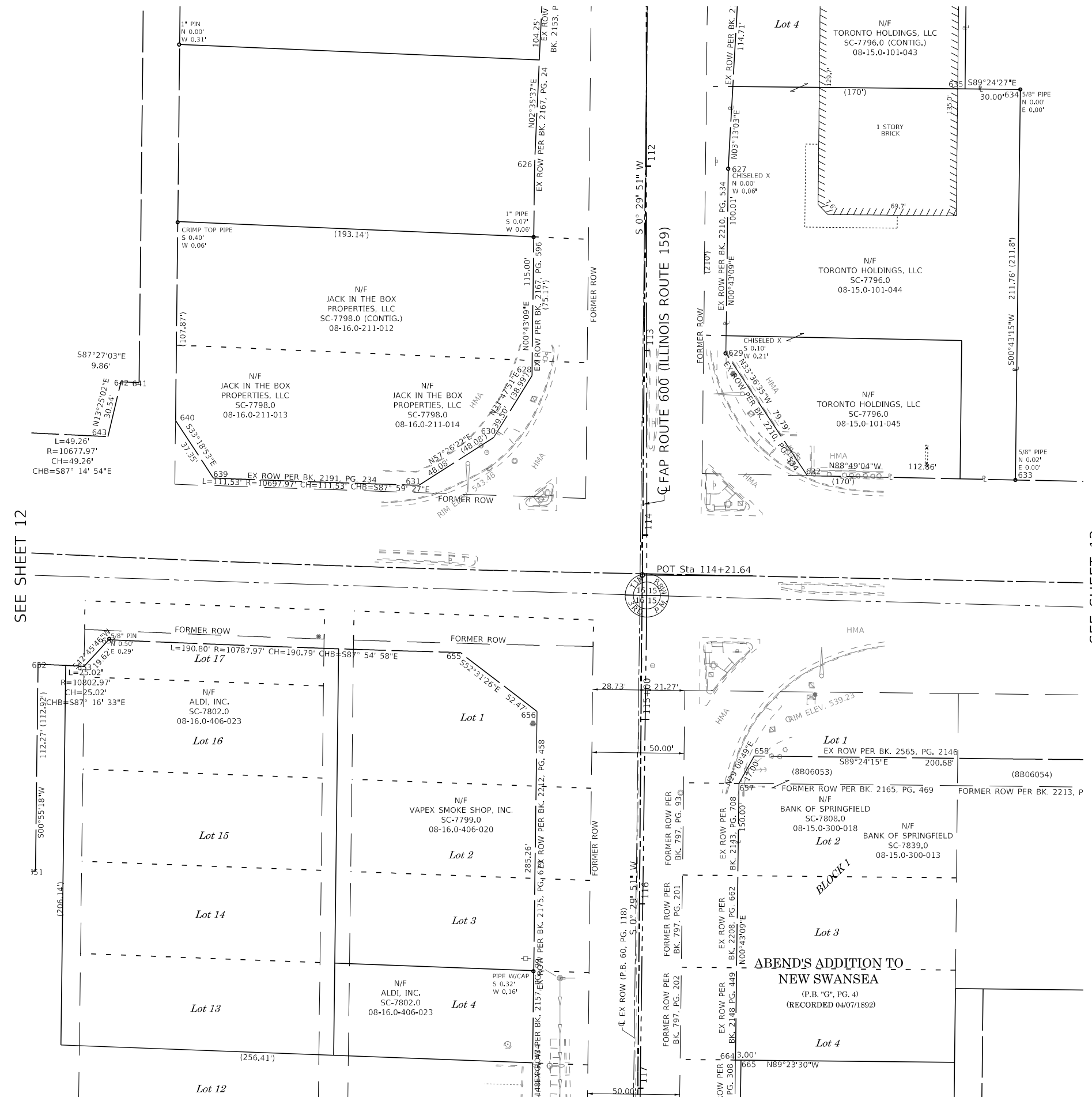
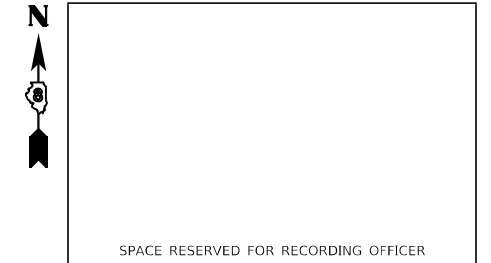
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 OFFICE OF HIGHWAYS PROJECT IMPLEMENTATION/REGION 5/DISTRICT 8  
 1102 EASTPORT PLAZA DRIVE  
 COLLINSVILLE, ILLINOIS 62234-6198

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	130, 131RS-5	ST. CLAIR	63	29

CONTRACT NO. 76M53  
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

SEE SHEET 11

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



COORDINATE TABLE				
POINT NUMBER	NORTHING	EASTING	STATION	OFFSET
626	121.793.5915'	85.973.3609'	111+99.12	60.29' RT
627	121.790.8133'	86.078.3343'	112+00.99	44.70' LT
628	121.678.6005'	85.971.9174'	113+14.12	60.74' RT
629	121.690.8076'	86.077.0789'	113+01.00	44.31' LT
630	121.645.0325'	85.951.1065'	113+47.87	81.26' RT
631	121.619.1566'	85.910.5842'	113+74.09	121.55' RT
632	121.624.3563'	86.121.2453'	113+67.06	89.05' LT
633	121.622.0278'	86.234.0768'	113+68.41	201.90' LT
634	121.833.7680'	86.236.7410'	111+56.66	202.73' LT
635	121.834.0782'	86.206.7435'	111+56.61	172.73' LT
636	121.619.2283'	86.369.7329'	113+70.03	337.58' LT
637	121.644.2229'	86.370.2487'	113+45.03	337.88' LT
638	121.633.4968'	86.889.9981'	113+51.25	857.70' LT
639	121.623.0671'	85.799.1224'	113+71.15	233.05' RT
640	121.654.2791'	85.778.6084'	113+40.12	253.83' RT
641	121.674.8165'	85.758.8333'	113+19.75	273.78' RT
642	121.675.2552'	85.748.9810'	113+19.40	283.64' RT
643	121.645.5479'	85.741.8943'	113+49.17	290.47' RT
644	121.647.9128'	85.692.6919'	113+47.23	339.69' RT
645	121.681.3674'	85.628.6436'	113+14.33	404.02' RT
646	121.474.3001'	85.478.5408'	115+22.69	552.32' RT
647	121.489.8719'	85.559.5819'	115+06.42	471.42' RT
648	121.485.7604'	85.634.3172'	115+09.88	396.65' RT
649	121.483.4188'	85.678.5270'	115+11.84	352.42' RT
650	121.410.8719'	85.677.6163'	115+84.39	352.70' RT
651	121.409.9279'	85.702.6065'	115+85.12	327.71' RT
652	121.522.1789'	85.704.4125'	114+72.86	326.88' RT
653	121.521.0094'	85.729.0028'	114+73.81	302.28' RT
654	121.535.4145'	85.742.3247'	114+59.29	289.08' RT
655	121.528.4765'	85.932.9919'	114+64.57	98.36' RT
656	121.496.5521'	85.974.6326'	114+96.14	56.44' RT
657	121.457.5276'	86.084.1514'	115+34.21	53.41' LT
658	121.472.3750'	86.092.4312'	115+19.29	61.56' LT
659	121.470.2885'	86.293.1000'	115+19.63	262.24' LT
660	121.455.2998'	86.292.9140'	115+34.62	262.18' LT
661	121.454.4958'	86.368.2578'	115+34.77	337.53' LT
662	121.463.1899'	86.418.4479'	115+25.64	387.65' LT
663	121.453.5212'	86.886.9581'	115+31.24	856.22' LT
664	121.307.5394'	86.082.2686'	116+84.21	52.83' LT

STATE OF ILLINOIS )  
 ) SS  
 COUNTY OF MADISON )  
 I, GREGORY S. McVICAR, AN ILLINOIS PROFESSIONAL LAND SURVEYOR,  
 STATE THAT I HAVE SURVEYED THE EASEMENT PLAT SHOWN HEREON AND THAT THIS  
 PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS  
 FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL TO BE ACQUIRED BY THE STATE  
 OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED \_\_\_\_\_



GREGORY S. McVICAR, PLS NO. 3512  
 LICENSE EXPIRATION DATE: 11/30/2022



ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PLAT OF HIGHWAY**  
 FAP ROUTE 600 (IL 159)  
 SECTION 130, 131RS-5  
 ST. CLAIR COUNTY  
 JOB NO. R-98-008-21  
 STA. 111+50 TO STA. 117+00



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

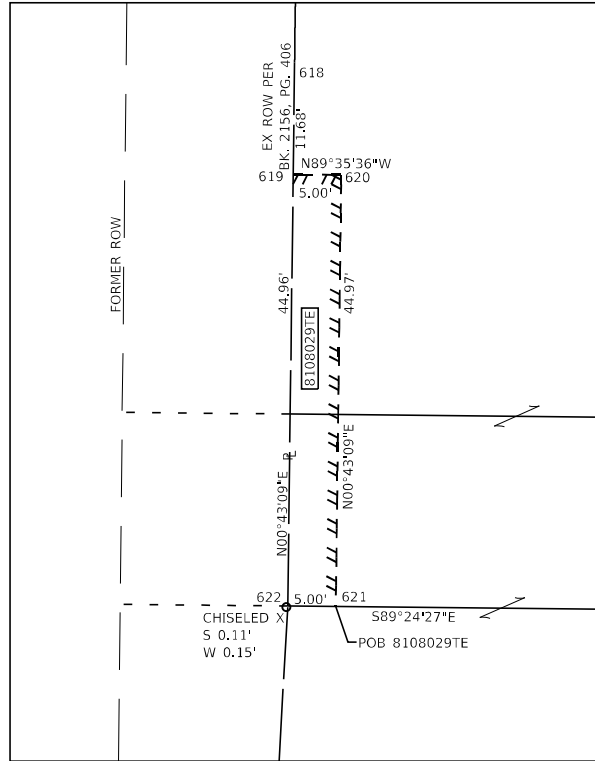
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	130, 131RS-5	ST. CLAIR	63	30
CONTRACT NO. 76M53				

COMPLETION DATE OF FIELD WORK PERFORMED	
LAND SURVEY: 12/06/2021	ROW STAKING:

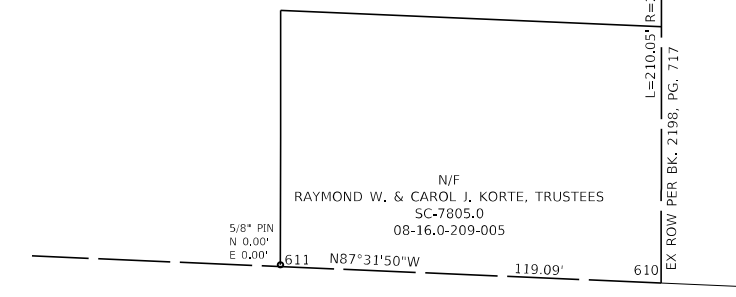
GEBHARDT DRIVE (35'W.)

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	EASEMENTS		PERMANENT TAX NUMBER AFFECTED	PROPERTY ACQUIRED BY
			PE = PERMANENT ACRES	TE = TEMPORARY SQ FT		
8108029	TORONTO HOLDINGS, LLC. A CALIFORNIA LIMITED LIABILITY COMPANY TITLE REPORT NO. SC-7796.0	1.4091	TE=0.0052	TE=225	08-15.0-101-045; 08-15.0-101-044; 08-15.0-101-043; 08-15.0-101-042; 08-15.0-101-041	

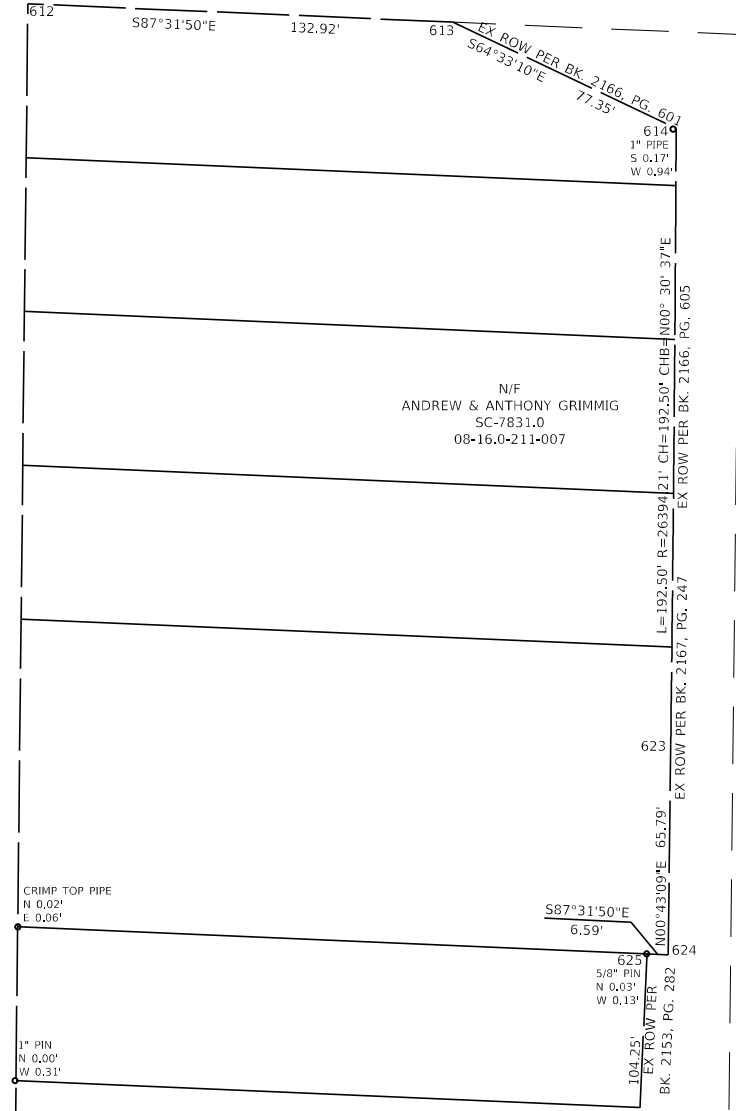
SEE LEGENDS, TOPOGRAPHIC STATEMENT, SURVEYORS NOTE(S) AND BASIS OF COORDINATES & BEARINGS STATEMENT ON SHEET 2



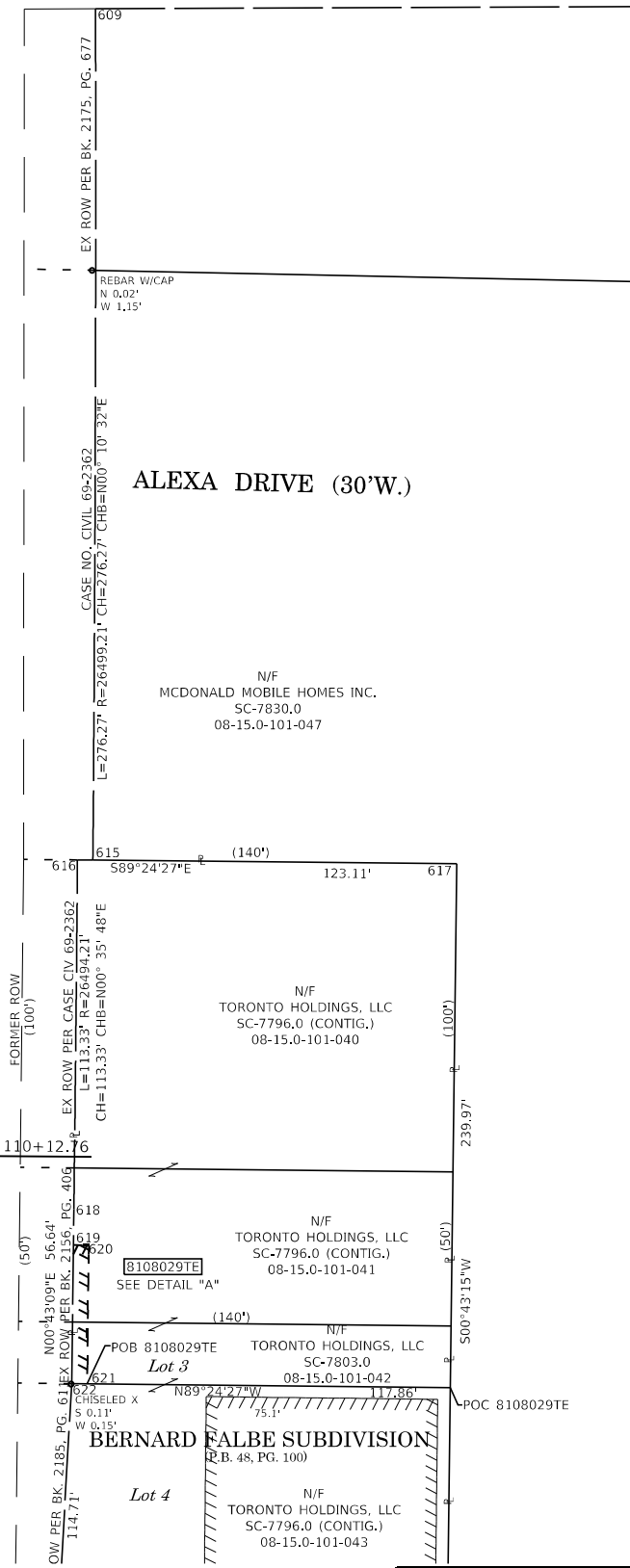
DETAIL "A"  
SCALE: 1"=10'



ALEXIA DRIVE (30'W.)



SEE SHEET 10



ALEXIA DRIVE (30'W.)

COORDINATE TABLE				
POINT NUMBER	NORTHING	EASTING	STATION	OFFSET
600	122,502.0818'	86,010.8675'	104+89.85	24.10' RT
601	122,460.0473'	86,010.4047'	105+31.92	24.95' RT
602	122,463.4274'	85,932.0289'	105+27.87	103.29' RT
603	122,428.3862'	85,932.2303'	105+63.04	103.37' RT
604	122,426.2293'	85,982.2418'	105+65.56	53.37' RT
605	122,435.3489'	86,079.1961'	105+57.15	43.65' LT
606	122,394.3528'	86,086.9524'	105+98.13	51.13' LT
607	122,394.2887'	86,191.7992'	105+98.82	155.97' LT
608	122,352.5862'	86,377.5271'	106+41.12	341.48' LT
609	122,351.5154'	86,092.5092'	106+40.91	56.46' LT
610	122,216.1794'	85,982.4541'	107+76.01	53.88' RT
611	122,221.3109'	85,863.4703'	107+70.89	172.86' RT
612	122,194.6863'	85,784.5582'	107+97.76	251.76' RT
613	122,188.9590'	85,917.3587'	108+03.37	118.95' RT
614	122,155.7226'	85,987.2054'	108+36.57	49.05' RT
615	122,075.2465'	86,091.6631'	109+16.64	55.72' LT
616	122,075.2982'	86,086.6634'	109+16.61	50.72' LT
617	122,074.0252'	86,209.7626'	109+17.23	173.83' LT
618	121,961.9774'	86,085.4833'	110+29.77	50.36' LT
619	121,950.2985'	86,085.3367'	110+41.44	50.32' LT
620	121,950.2630'	86,090.3366'	110+41.44	55.32' LT
621	121,905.2916'	86,089.7721'	110+86.41	55.14' LT
622	121,905.3433'	86,084.7724'	110+86.40	50.14' LT
623	121,963.2326'	85,985.4912'	110+29.38	49.64' RT
624	121,897.4467'	85,984.6654'	110+95.17	49.89' RT
625	121,897.7308'	85,978.0784'	110+94.94	56.48' RT

STATE OF ILLINOIS )  
 ) SS  
COUNTY OF MADISON )

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

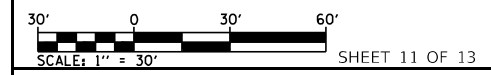
DATED \_\_\_\_\_

GREGORY S. McVICAR, PLS NO. 3512  
LICENSE EXPIRATION DATE: 11/30/2022



**SHERRILL ASSOCIATES, INC.**  
Engineers - Surveyors - Planners  
Professional Design Firm Number 184-001238  
316 North Main Street, Tel. 618-656-9251  
Edwardsville, IL 62025, Fax 618-656-9496

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PLAT OF HIGHWAY**  
FAP ROUTE 600 (IL 159)  
SECTION 130, 131RS-5  
ST. CLAIR COUNTY  
JOB NO. R-98-008-21  
STA. 105+50 TO STA. 111+50



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.
600	130, 131RS-5	ST. CLAIR	63	31

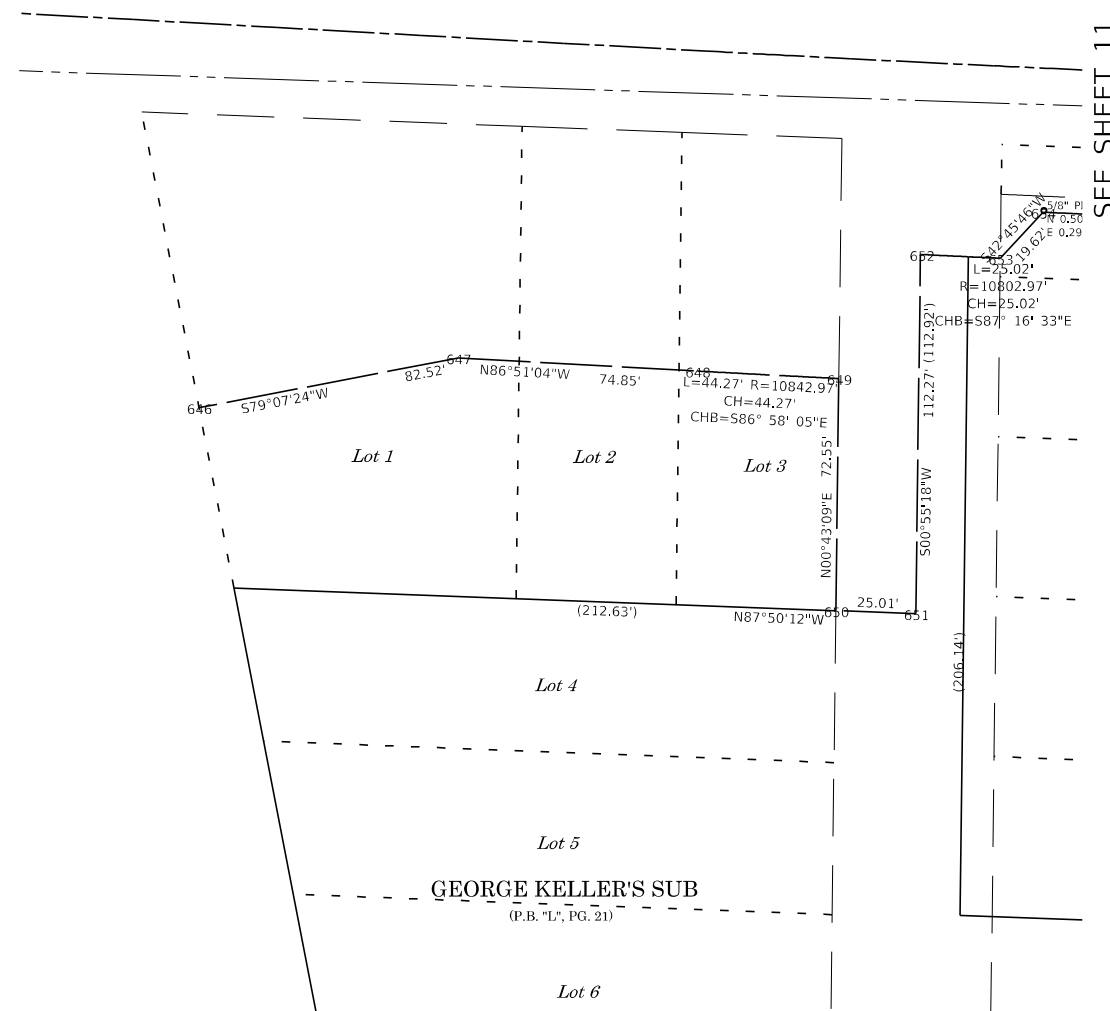
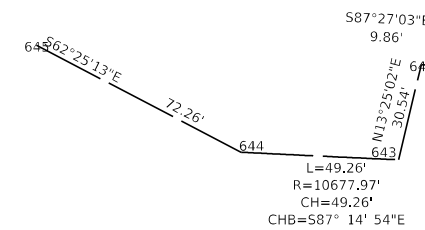
CONTRACT NO. 76M53

COMPLETION DATE OF FIELD WORK PERFORMED	
LAND SURVEY: 12/06/2021	ROW STAKING:

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



SPACE RESERVED FOR RECORDING OFFICER



SEE SHEET 11

STATE OF ILLINOIS )  
 ) SS  
 COUNTY OF MADISON )

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

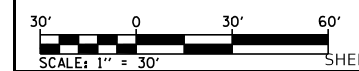
DATED \_\_\_\_\_

GREGORY S. McVICAR, PLS NO. 3512  
 LICENSE EXPIRATION DATE: 11/30/2022



**SA SHERRILL ASSOCIATES, INC.**  
 Engineers - Surveyors - Planners  
 Professional Design Firm Number 184-001238  
 316 North Main Street Tel. 618-656-9251  
 Edwardsville, IL 62025 Fax 618-656-9496

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PLAT OF HIGHWAY**  
 FAP ROUTE 600 (IL 159)  
 SECTION 130, 131RS-5  
 ST. CLAIR COUNTY  
 JOB NO. R-98-008-21



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.
600	26, 45RS-3	ST. CLAIR	63	32
CONTRACT NO. 76M52				
FED. ROAD DIST. NO. _____		ILLINOIS	FED. AID PROJECT	

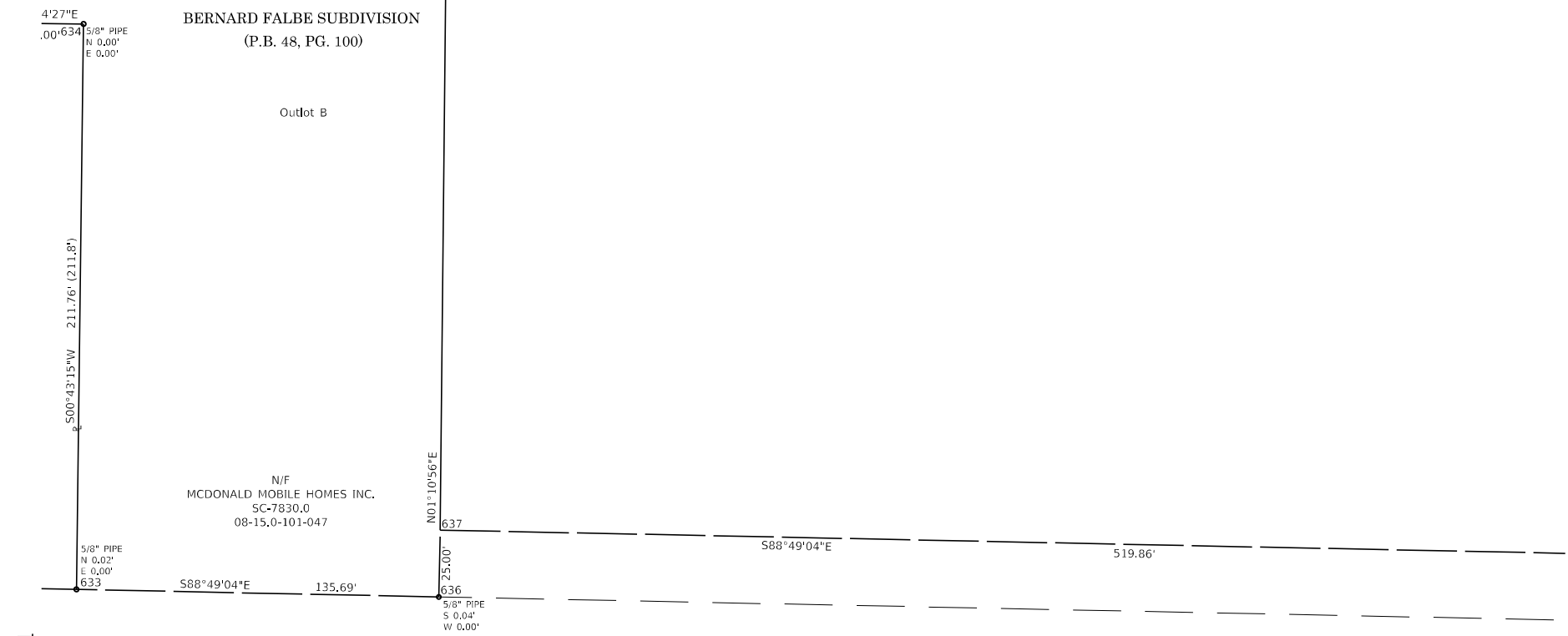
COMPLETION DATE OF FIELD WORK PERFORMED	
LAND SURVEY: 12/06/2021	ROW STAKING:



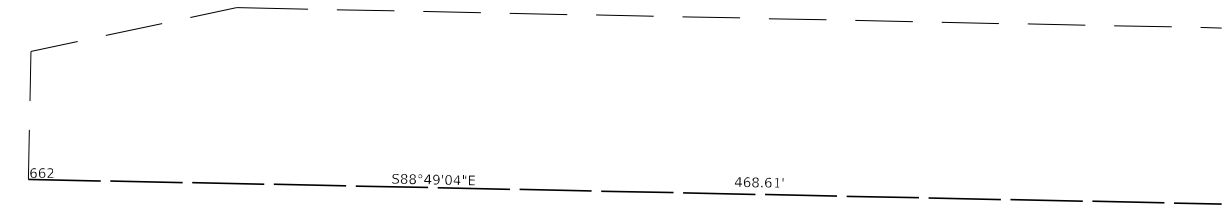
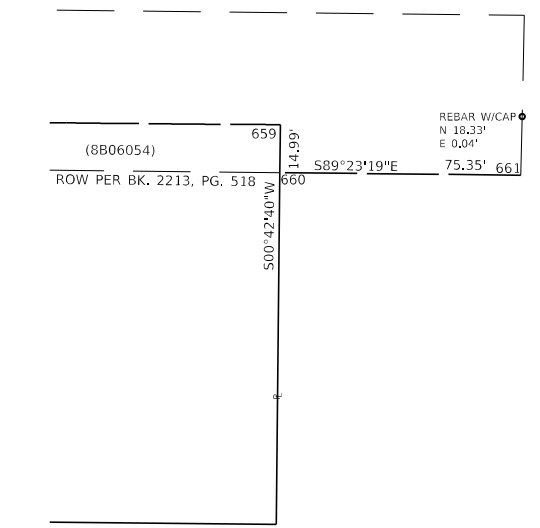
SEE LEGENDS, TOPOGRAPHIC STATEMENT, SURVEYORS NOTE(S) AND BASIS OF COORDINATES & BEARINGS STATEMENT ON SHEET 2



SPACE RESERVED FOR RECORDING OFFICER



SEE SHEET 11



STATE OF ILLINOIS )  
 ) SS  
 COUNTY OF MADISON )

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

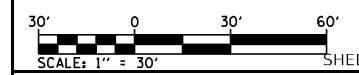
DATED \_\_\_\_\_



GREGORY S. McVICAR, PLS NO. 3512  
 LICENSE EXPIRATION DATE: 11/30/2022

**SHERRILL ASSOCIATES, INC.**  
 Engineers - Surveyors - Planners  
 Professional Design Firm Number 184-001238  
 316 North Main Street Tel. 618-656-9251  
 Edwardsville, IL 62025 Fax 618-656-9496

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PLAT OF HIGHWAY**  
 FAP ROUTE 600 (IL 159)  
 SECTION 130, 131RS-5  
 ST. CLAIR COUNTY  
 JOB NO. R-98-008-21



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.
600	26, 45RS-3	ST. CLAIR	63	33

COMPLETION DATE OF FIELD WORK PERFORMED	
LAND SURVEY: 12/06/2021	ROW STAKING:

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

**ELECTRICAL GENERAL NOTES**

- ALL VEHICLE AND PEDESTRIAN SIGNAL HEADS SHALL HAVE 12" SECTIONS. MOUNTING HARDWARE SHALL BE UNPAINTED ALUMINUM. ALL BOLTS, SCREWS, NUTS AND WASHERS SHALL BE STAINLESS STEEL. ANTI-SEIZE PASTE COMPOUND SHALL BE USED ON ALL MOUNTING HARDWARE FIELD CONNECTIONS.
- PRIOR TO COMMENCING CONSTRUCTION OF ANY COMPONENT OF THE PROPOSED TRAFFIC SIGNAL SYSTEM, ALL UNDERGROUND UTILITIES SHALL BE FIELD LOCATED ACCORDING TO ARTICLE 107.39 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION". AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT LIMITS ARE LISTED IN THE GENERAL NOTES OF THE PLANS.
- ALL TRAFFIC SIGNAL CABLES SHALL BE #14 AWG STRANDED COPPER UNLESS OTHERWISE SPECIFIED. TERMINAL ENDS SHALL HAVE CRIMPED-ON RING TONGUE CONNECTORS.
- NO SURVEY WAS PERFORMED FOR THE TRAFFIC SIGNAL PLANS. THE TRAFFIC SIGNAL PLANS WERE CREATED USING AERIAL IMAGERY, FIELD MEASUREMENTS & AVAILABLE HISTORIC PLANS
- QUANTITIES SHOWN FOR PROPOSED PEDESTRIAN SIGNAL HEADS ASSUME THAT THE TRAFFIC SIGNAL CABLE IN CONDUIT WILL BE INSTALLED IN EXISTING CONDUIT AND VARIOUS EXISTING TRAFFIC SIGNAL EQUIPMENT.
- THE LOCATION OF ALL DETECTOR LOOPS SHALL BE APPROVED BY THE ENGINEER BEFORE ANY SLOTS ARE SAWED IN THE PAVEMENT.
- DETECTOR LOOP LEAD-IN SPLICES SHALL BE MADE IN A HANDHOLE PER SECTION 824 OF THE STANDARD SPECIFICATIONS. CONDUCTORS SHALL BE SPLICED IN A RIGID MOLD FILLED WITH NON-HARDENING EPOXY FILLER. ROSIN-CORE SOLDER SHALL BE USED.
- SLOPE HANDHOLE COVERS TO MATCH PROPOSED GRADE ELEVATIONS.

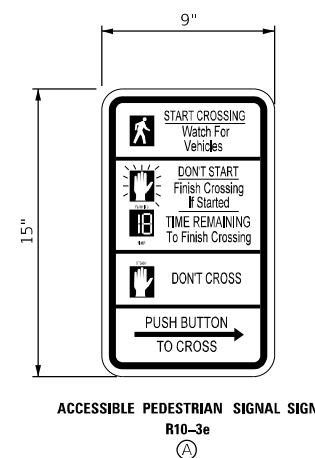
- TRAFFIC SIGNAL LEGEND**
- PROPOSED SIGNAL HEAD WITH BACKPLATE (SEE HIGHWAY STANDARD 880006)
  - PROPOSED SIGNAL HEAD WITHOUT BACKPLATE (SEE HIGHWAY STANDARD 880006)
  - EXISTING SIGNAL HEAD WITH BACKPLATE
  - EXISTING SIGNAL HEAD WITHOUT BACKPLATE
  - EXISTING HANDHOLE
  - EXISTING DOUBLE HANDHOLE
  - EXISTING DETECTOR LOOP (SEE HIGHWAY STANDARDS 886001 & 886006)
  - EXISTING CONDUIT
  - EXISTING MAST ARM
  - EXISTING SIGNAL HEAD, PEDESTRIAN
  - EXISTING PEDESTRIAN PUSH BUTTON DETECTOR
  - EXISTING CONTROLLER
  - EXISTING SIGNAL POST
  - EXISTING CANTILEVER MAST ARM WITH RR SIGNALS
  - EXISTING RR GATE ARM WITH SIGNALS
  - PROPOSED SIGNAL HEAD, PEDESTRIAN
  - PROPOSED APS PEDESTRIAN PUSH BUTTON
  - PROPOSED PEDESTRIAN PUSH BUTTON POST

**TRAFFIC SIGNAL SCHEDULE OF QUANTITIES**

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	IL 159 & IL 161	IL 159 & BOUL AVE	IL 159 & DOUGLAS AVE
<del>72000100</del>	SIGN PANEL TYPE 1	SQ FT	10	6		4
<del>81000340</del>	UNDERGROUND CONDUIT, PVC, 1-1/2" DIA.	FOOT	13			13
<del>87300215</del>	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	41			41
<del>87301900</del>	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	13			13
<del>87800100</del>	CONCRETE FOUNDATIONS TYPE A	FOOT	4			4
<del>88100717</del>	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	10	6		4
<del>89500200</del>	MODIFY EXISTING CONTROLLER	EACH	2	1		1
<del>89500375</del>	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2	1		1
<del>X8140205</del>	MODIFY EXISTING CONCRETE HANDHOLE	EACH	1			1
<del>X8760200</del>	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	10	6		4
<del>X8760201</del>	PEDESTRIAN PUSH-BUTTON POST	EACH	1			1

**STANDARDS FOR TRAFFIC SIGNAL SHEETS**

- |           |   |
|-----------|---|
| 720001-01 | SIGN PANEL MOUNTING DETAILS                             |
| 814001-03 | HANDHOLES   |
| 857001-03 | STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES |
| 873001-02 | TRAFFIC SIGNAL GROUNDING & BONDING                      |
| 876001-04 | PEDESTRIAN PUSH BUTTON POST                             |
| 878001-11 | CONCRETE FOUNDATION DETAILS                             |
| 880006-01 | TRAFFIC SIGNAL MOUNTING DETAILS                         |



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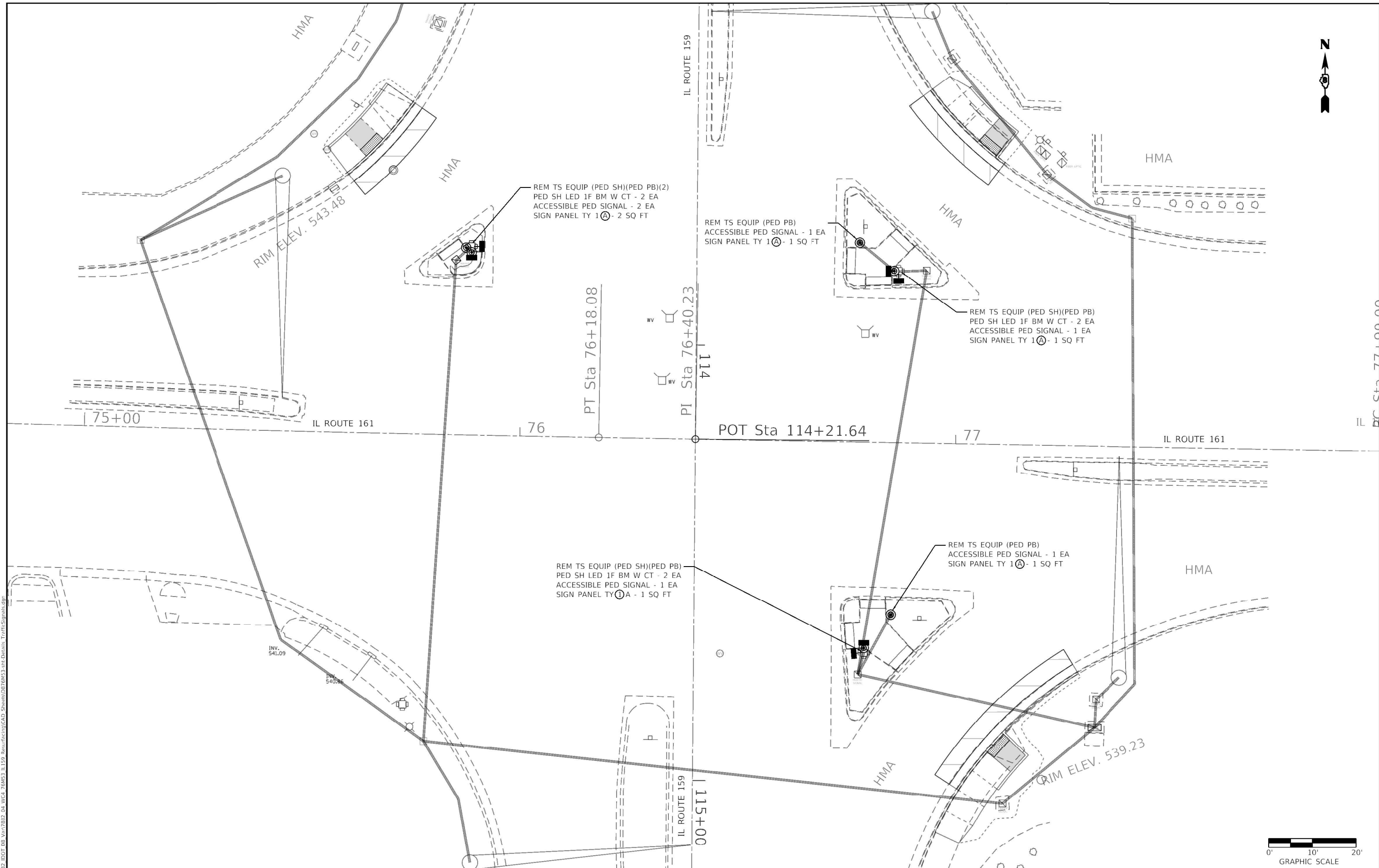
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL PLAN  
GENERAL NOTES & SCHEDULES**

SCALE: N.T.S. SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	130,131RS-5	ST. CLAIR	63	34
CONTRACT NO. 76M53				
ILLINOIS FED. AID PROJECT NHPP-BKM5(313)				



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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

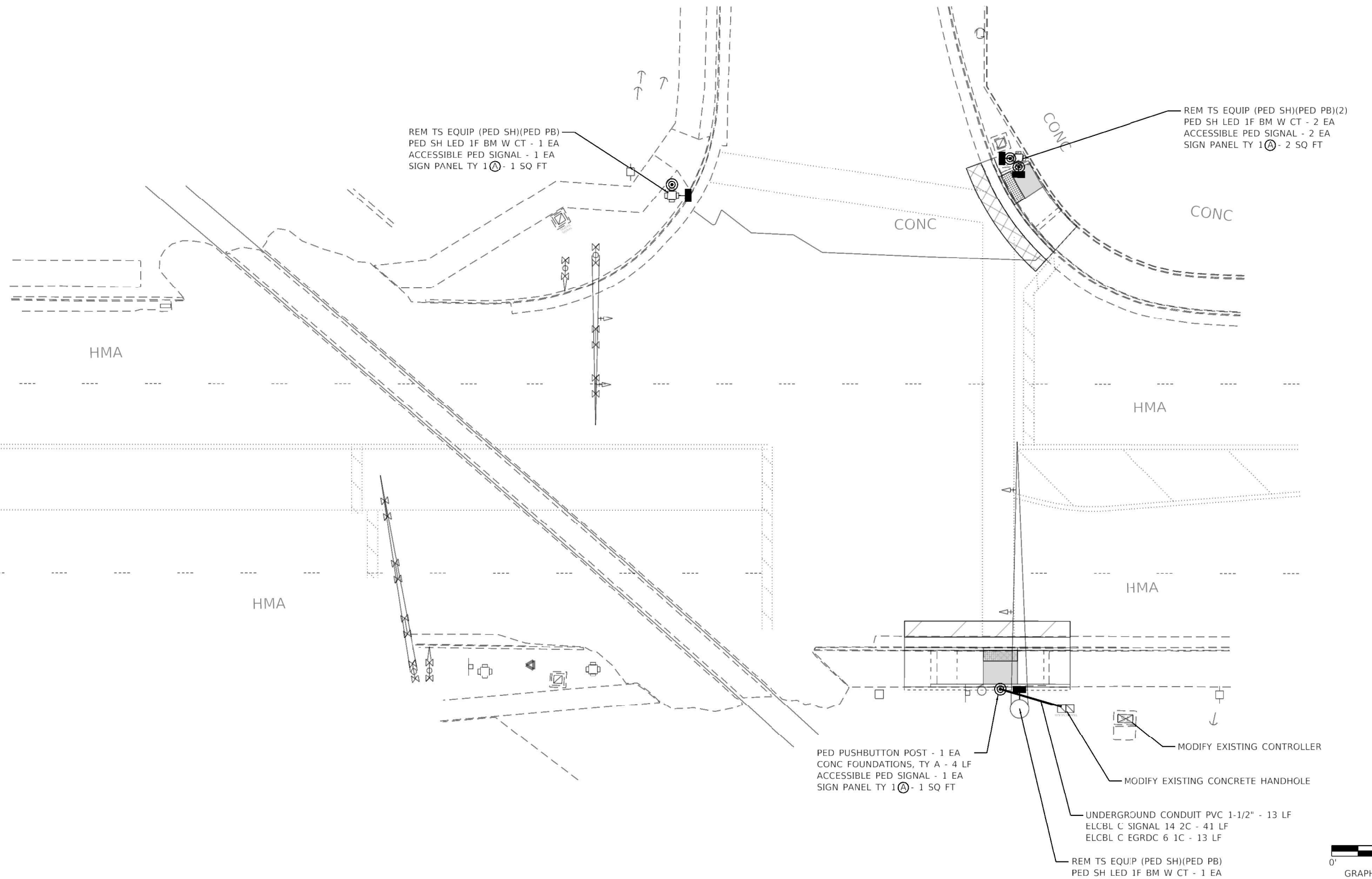
**TRAFFIC SIGNAL PLAN**  
**IL 159 & IL 161**

SCALE: 1" = 10'    SHEET 2 OF 5 SHEETS    STA.    TO STA.

F.A.P. RTE. 600	SECTION 130.131RS-5	COUNTY ST. CLAIR	TOTAL SHEETS 63	SHEET NO. 35
			CONTRACT NO. 76M53	
ILLINOIS FED. AID PROJECT				



DOUGLAS



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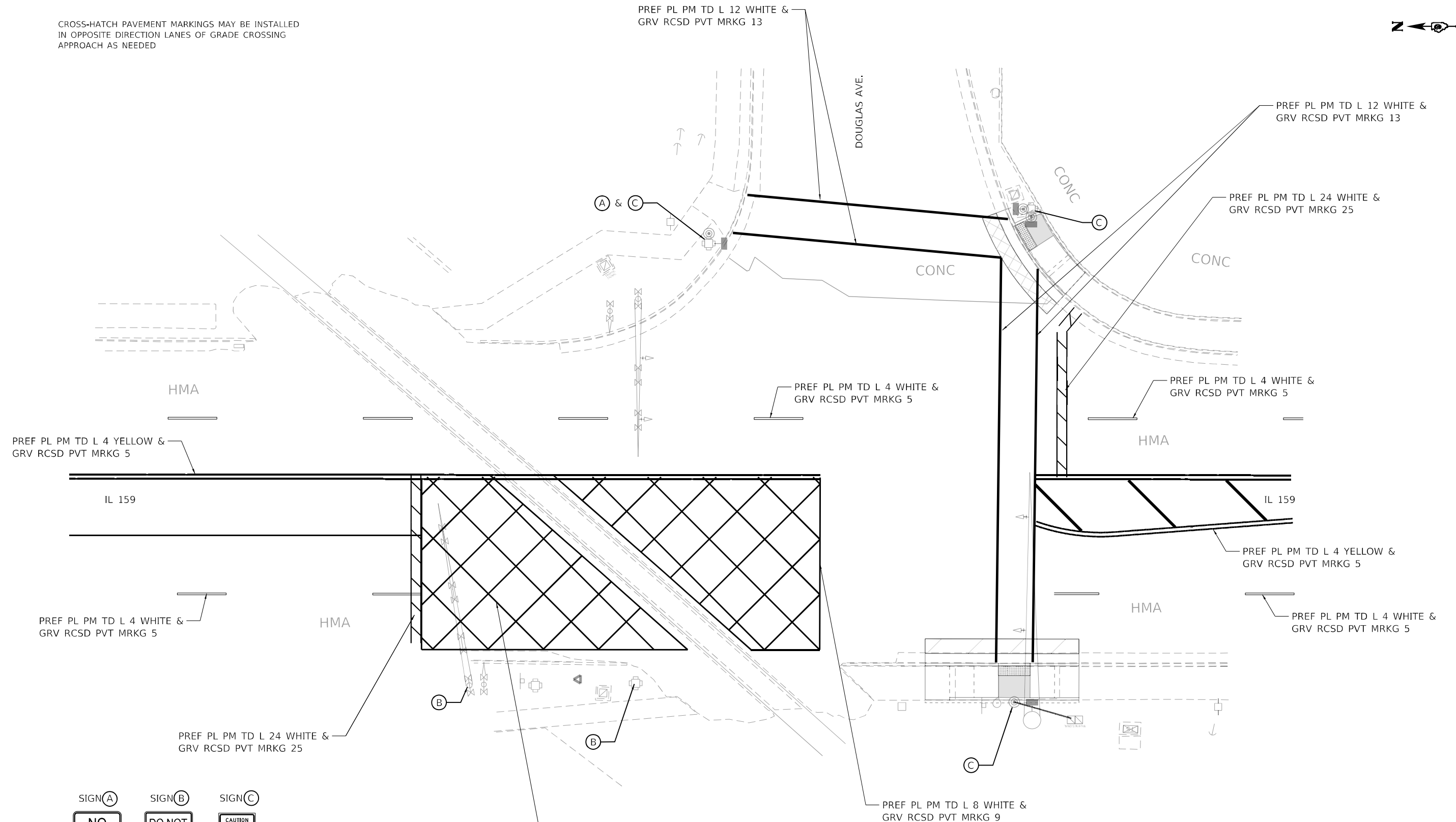
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL PLAN  
IL 159 & DOUGLAS AVENUE**

SCALE: 1" = 10'    SHEET 3 OF 5 SHEETS    STA.    TO STA.

F.A.P. RTE. 600	SECTION 130.131RS-5	COUNTY ST. CLAIR	TOTAL SHEETS 63	SHEET NO. 36
			CONTRACT NO. 76M53	
		ILLINOIS FED. AID PROJECT		

CROSS-HATCH PAVEMENT MARKINGS MAY BE INSTALLED  
IN OPPOSITE DIRECTION LANES OF GRADE CROSSING  
APPROACH AS NEEDED



SIGN (A)      SIGN (B)      SIGN (C)

NO TURN ON RED	DO NOT STOP ON TRACKS	CAUTION WALK TIME SHORTENED WHEN TRAIN APPROACHES
R10-11 24" x 30"	R8-8 24" x 30"	W10-1101 18" x 24"



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**HMG**  
ENGINEERS  
IL PROF DESIGN FIRM 184,000899

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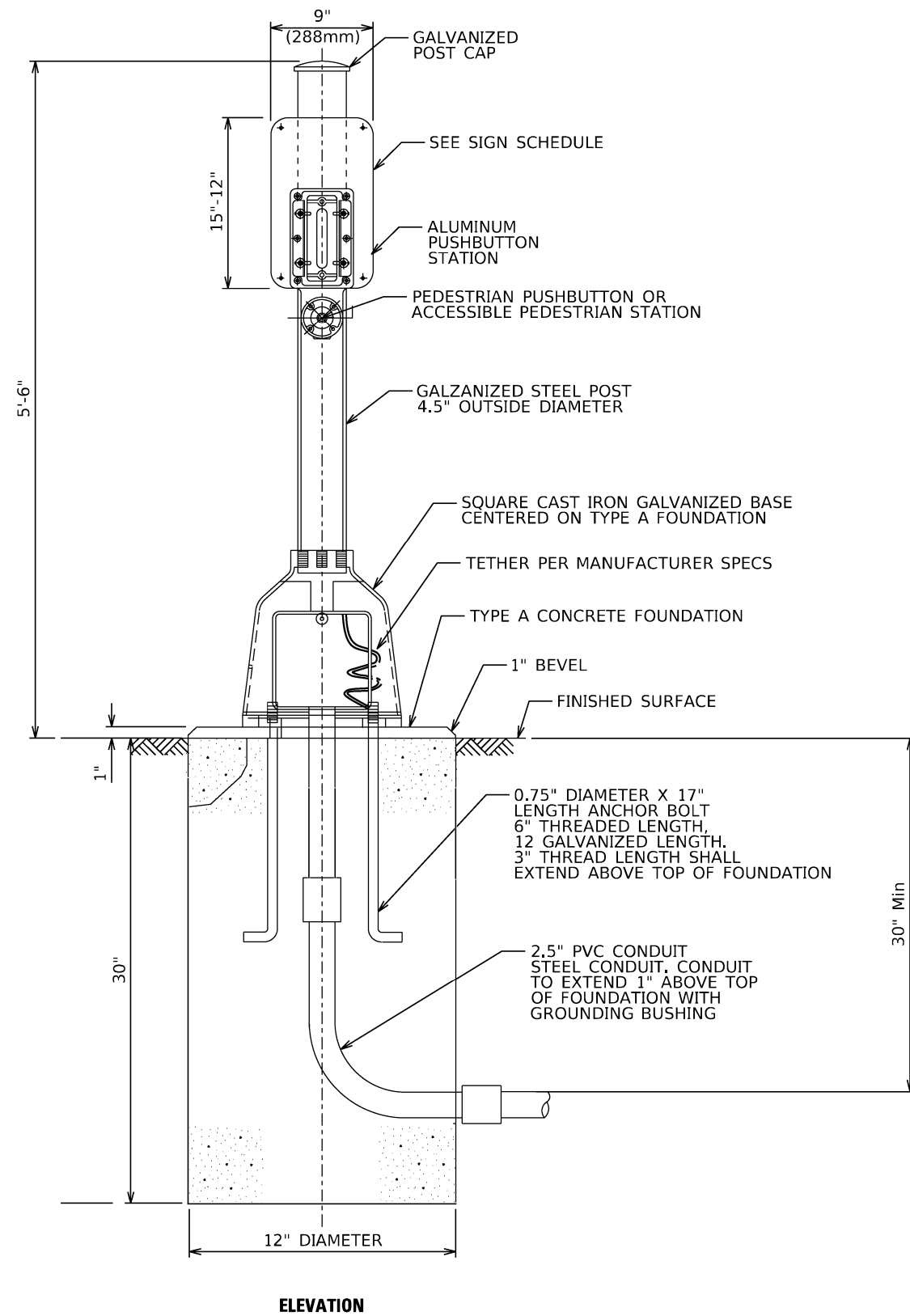
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

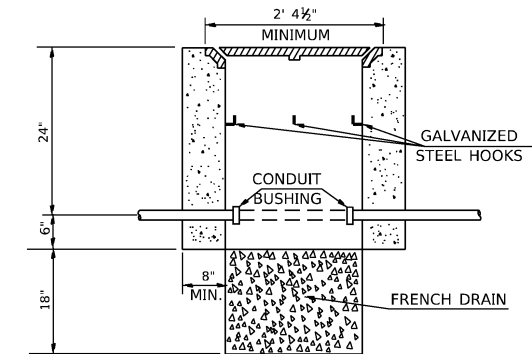
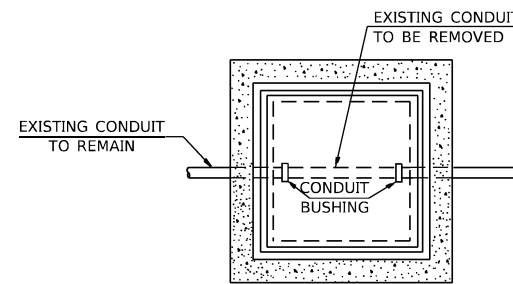
**TRAFFIC SIGNAL PLAN  
PRE-EMPTION SIGNING & STRIPING**  
SCALE: 1" = 10'      SHEET 4 OF 5 SHEETS      STA.      TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	130,131RS-5	ST. CLAIR	63	37
CONTRACT NO. 76M53				
ILLINOIS FED. AID PROJECT NHPP-BKM5(313)				



ELEVATION

PEDESTRIAN PUSH-BUTTON POST

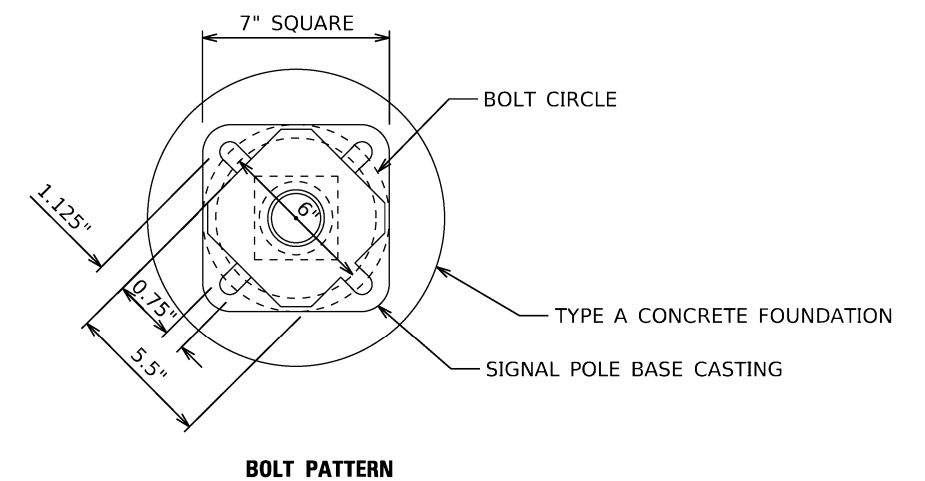


DETAIL  
HANDHOLE TO INTERCEPT EXISTING CONDUIT \*

\* NOT A PAY ITEM

NOTES:

1. REMOVAL OF EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHING SHALL BE INCIDENTAL TO THE HANDHOLE.
2. THE CONTRACTOR SHALL BE PAID TO LOCATE THE CONDUIT UNDER OTHER PROVISIONS OF THIS CONTRACT. LOCATING UNDERGROUND CABLE WILL BE PAID FOR ACCORDING TO ART 109.04.



BOLT PATTERN

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLAN  
DISTRICT DETAILS

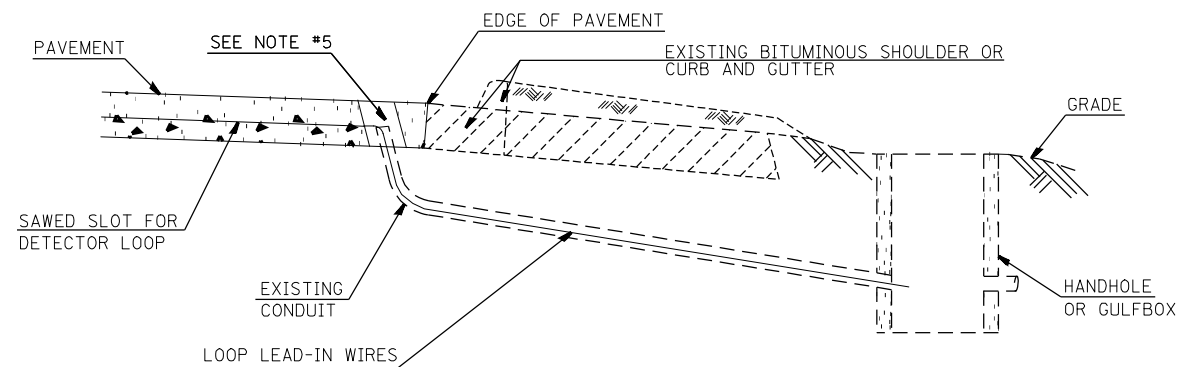
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	130,131RS-5	ST. CLAIR	63	38
CONTRACT NO. 76M53			ILLINOIS FED. AID PROJECT NHPP-BKM5(313)	

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	IL 159 AND BOUL AVE.	IL 159 AND DOUGLAS AVE.
CODE NO.	ITEM	UNIT	QUANTITIES		
<del>8860610</del>	DETECTOR LOOP REPLACEMENT	FOOT	1405	345	1060



**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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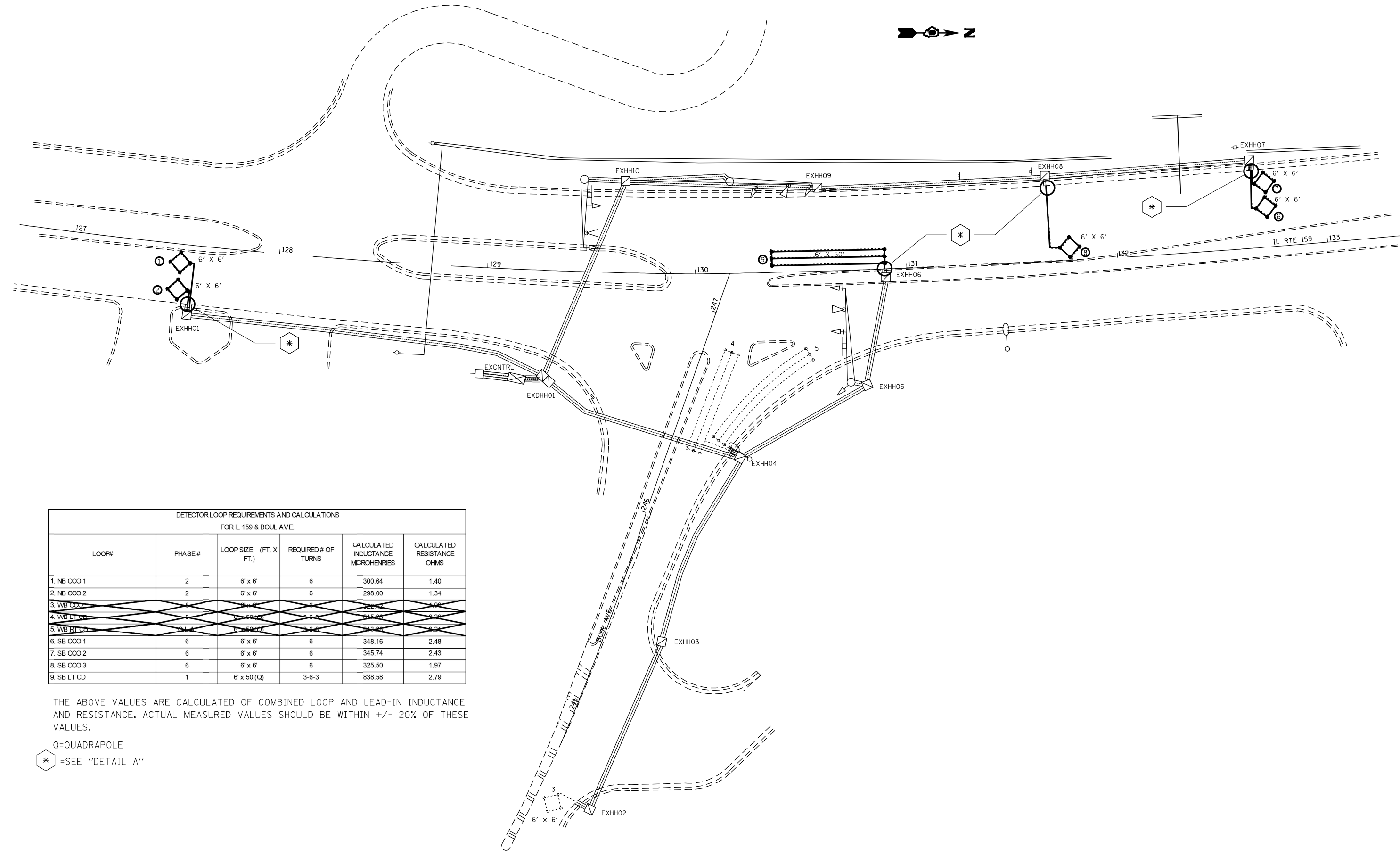
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**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.
600	130, 131RS-5	ST. CLAIR	63	39
			CONTRACT NO. 76M53	
		ILLINOIS	FED. AID PROJECT	



DETECTOR LOOP REQUIREMENTS AND CALCULATIONS FOR IL 159 & BOUL AVE.					
LOOP#	PHASE#	LOOP SIZE (FT. X FT.)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES	CALCULATED RESISTANCE OHMS
1. NB COO 1	2	6' x 6'	6	300.64	1.40
2. NB COO 2	2	6' x 6'	6	298.00	1.34
3. VB COO	2	6' x 6'	6	292.42	1.38
4. VB LT CD	2	6' x 50'(Q)	3-6-3	835.01	2.38
5. VB RT CD	2	6' x 50'(Q)	3-6-3	832.85	2.34
6. SB COO 1	6	6' x 6'	6	348.16	2.48
7. SB COO 2	6	6' x 6'	6	345.74	2.43
8. SB COO 3	6	6' x 6'	6	325.50	1.97
9. SB LT CD	1	6' x 50'(Q)	3-6-3	838.58	2.79

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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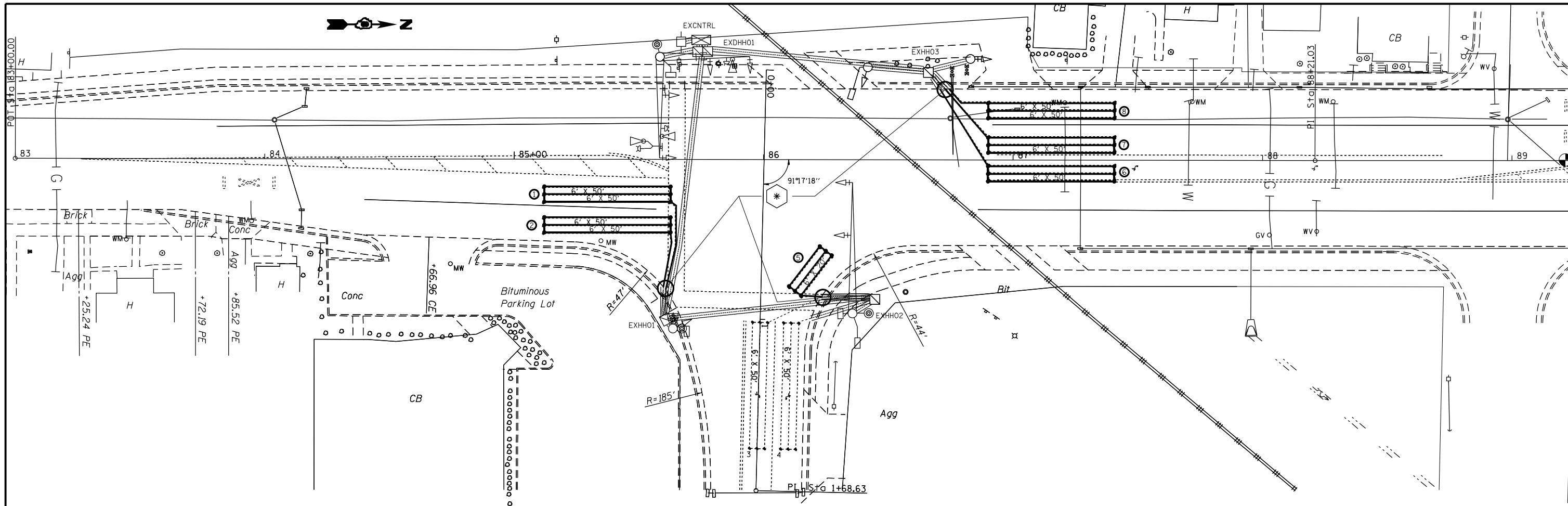
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN**  
**IL 159 AT BOUL AVE.**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	130, 131RS-5	ST. CLAIR	63	40
SCALE:			CONTRACT NO. 76M53	
SHEET OF SHEETS		ILLINOIS FED. AID PROJECT		





**DETECTOR LOOP REQUIREMENTS AND CALCULATIONS  
FOR IL 159 & DOUGLAS AVE.**

LOOP#	PHASE#	LOOP SIZE (FT. X FT.)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES	CALCULATED RESISTANCE OHMS
1. NB THRU CD	6	6' x 50'(Q)	3-6-3	824.94	2.48
2. NB RT CD	6	6' x 50'(Q)	3-6-3	821.86	2.41
3. WB LT CD	7	6' x 50'(Q)	3-6-3	849.21	2.52
4. WB RT A CD	O.L.A.	6' x 50'(Q)	3-6-3	840.42	2.52
5. WB RT B CD	O.L.A.	6' x 20'(Q)	3-6-3	389.58	1.91
6. SB LT CD	5	6' x 50'(Q)	3-0-3	819.44	2.35
7. SB THRU 1 CD	2	6' x 50'(Q)	3-6-3	817.68	2.31
8. SB THRU 2 CD	2	6' x 50'(Q)	3-0-3	816.36	2.28

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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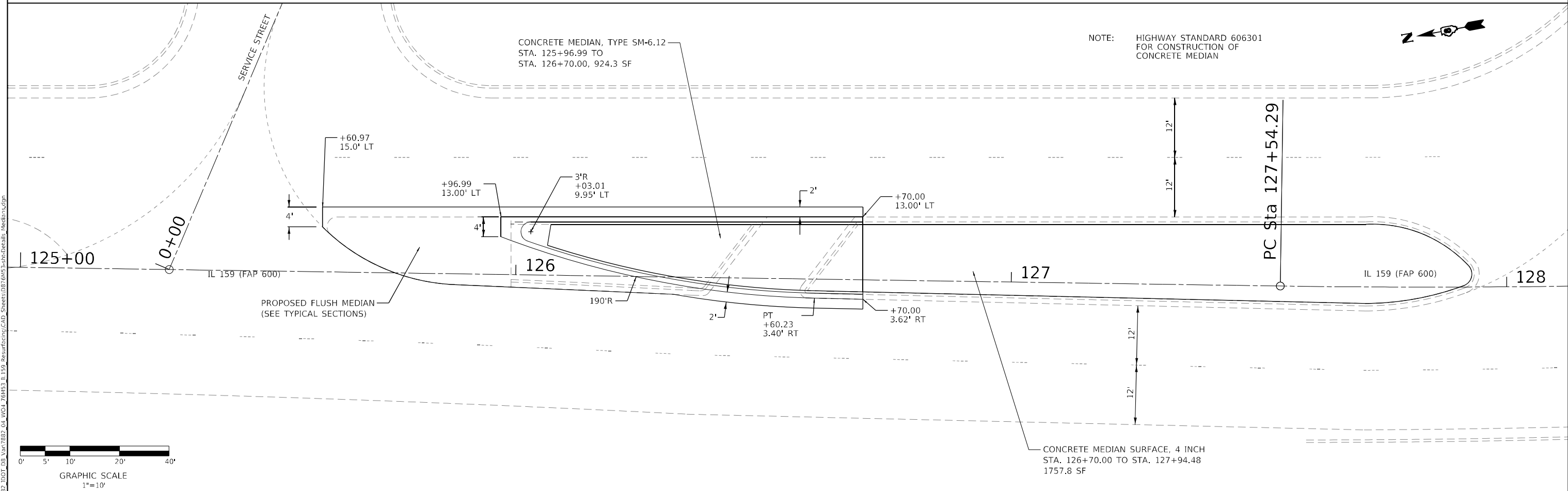
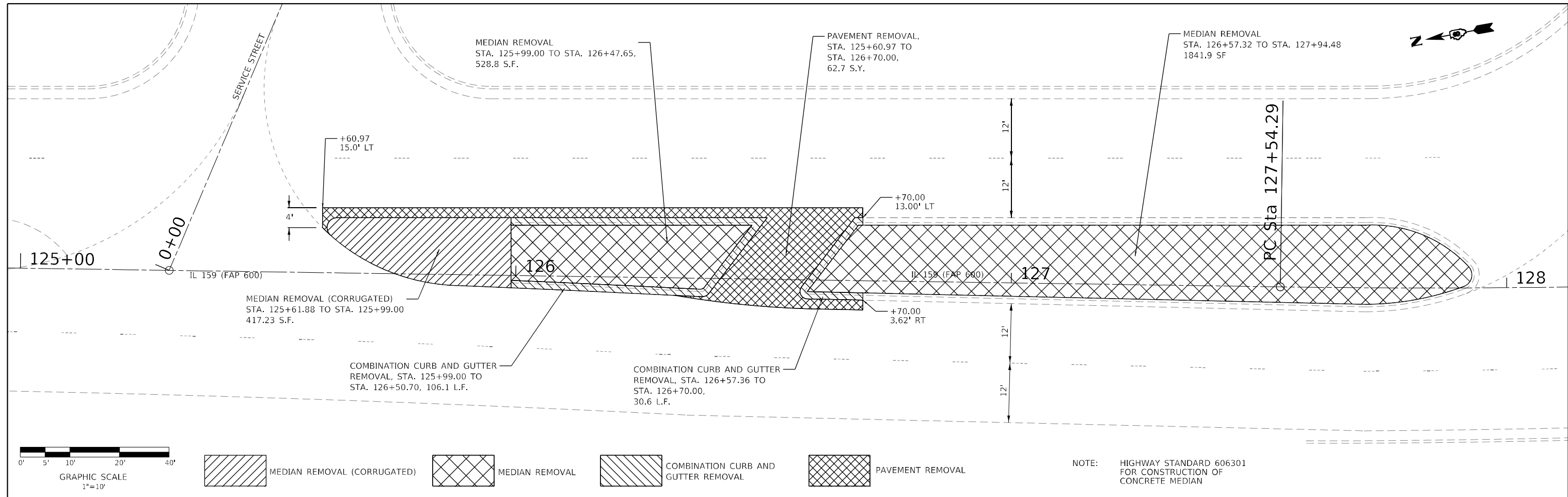
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN  
IL 159 AT DOUGLAS AVE.**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	130, 131RS-5	ST. CLAIR	63	41
CONTRACT NO. 76M53				
ILLINOIS FED. AID PROJECT				





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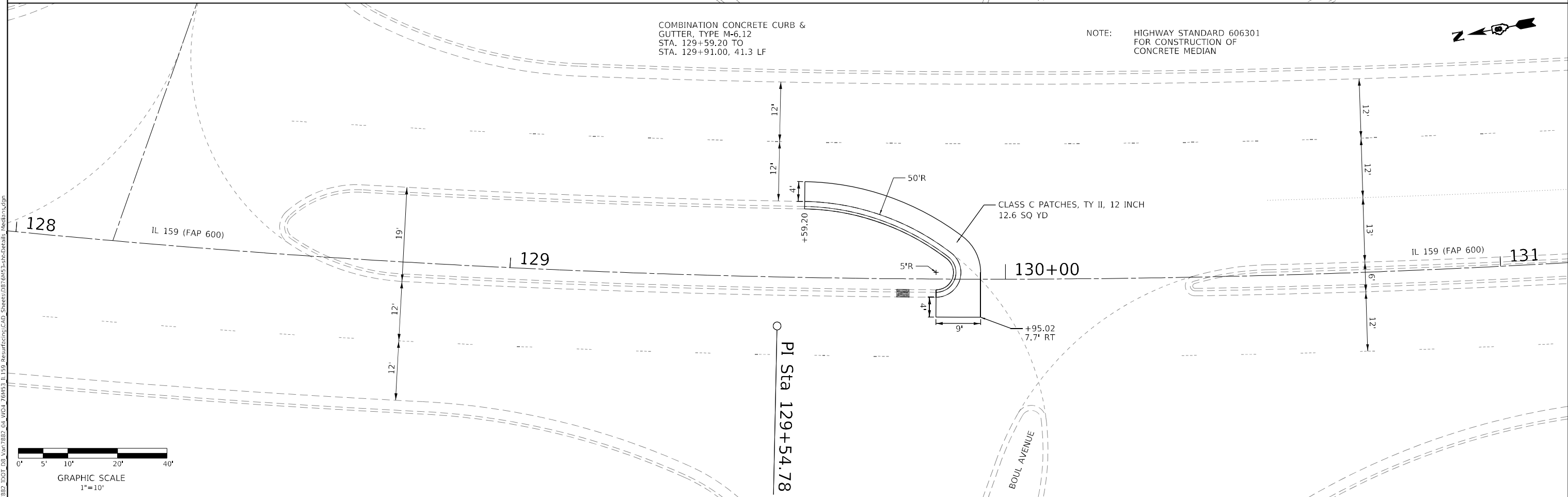
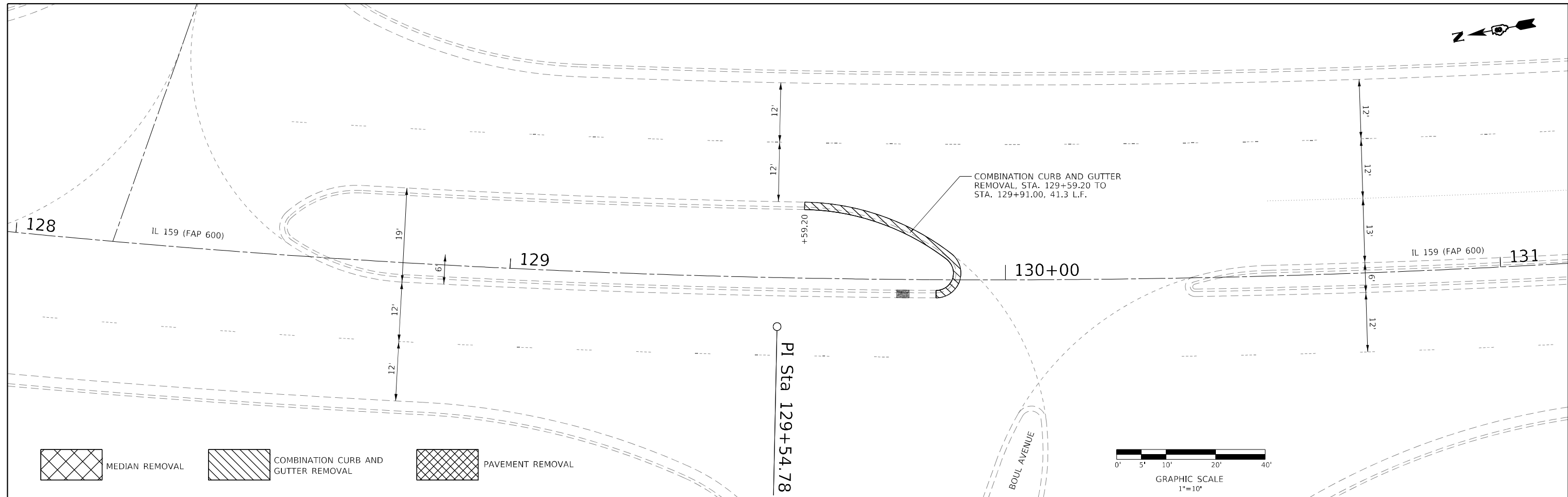


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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>DETAILS MEDIAN IMPROVEMENTS</b>	
SCALE: 1" = 10'	SHEET 1 OF 2 SHEETS
STA.	TO STA.

F.A.P. RTE. 600	SECTION 130,131RS-5	COUNTY ST. CLAIR	TOTAL SHEETS 63	SHEET NO. 43
CONTRACT NO. 76M53			ILLINOIS FED. AID PROJECT NHPP-BKMS(313)	



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**HMG**  
ENGINEERS  
IL PROF DESIGN FIRM 184,000899

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>DETAILS MEDIAN IMPROVEMENTS</b>		
SCALE: 1" = 10'	SHEET 1 OF 2 SHEETS	STA. TO STA.

F.A.P. RTE. 600	SECTION 130,131RS-5	COUNTY ST. CLAIR	TOTAL SHEETS 63	SHEET NO. 44
			CONTRACT NO. 76M53	
ILLINOIS FED. AID PROJECT NHPP-BKMS(313)				





CLASS C PATCHES  
TYPE II 12 INCH, 11.2 SQ YD

COMBINATION CONCRETE CURB  
& GUTTER REMOVAL AND REPLACEMENT  
TY B-6.24, 24.0 LF

SIDEWALK REMOVAL, 106.0 SF

DETECTABLE WARNINGS, 10.4 SF

TOC 544.83  
TOW 544.33

TOW 545.55

TOC 545.19  
TOW 545.19

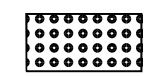
TOC 545.01  
TOW 544.51

TOC 544.93  
TOW 544.43

PORTLAND CEMENT CONCRETE  
SIDEWALK 5 INCH, SPECIAL  
148.8 SF

AGGREGATE BASE COURSE,  
TYPE A 4", 16.5 SQ YD

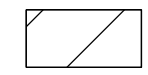
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DETECTABLE WARNINGS



LANDING AREA (2% MAX)



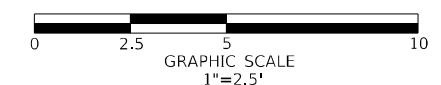
CLASS C PATCH

TOC

TOP OF CURB ELEVATION

TOW

TOP OF WALK ELEVATION



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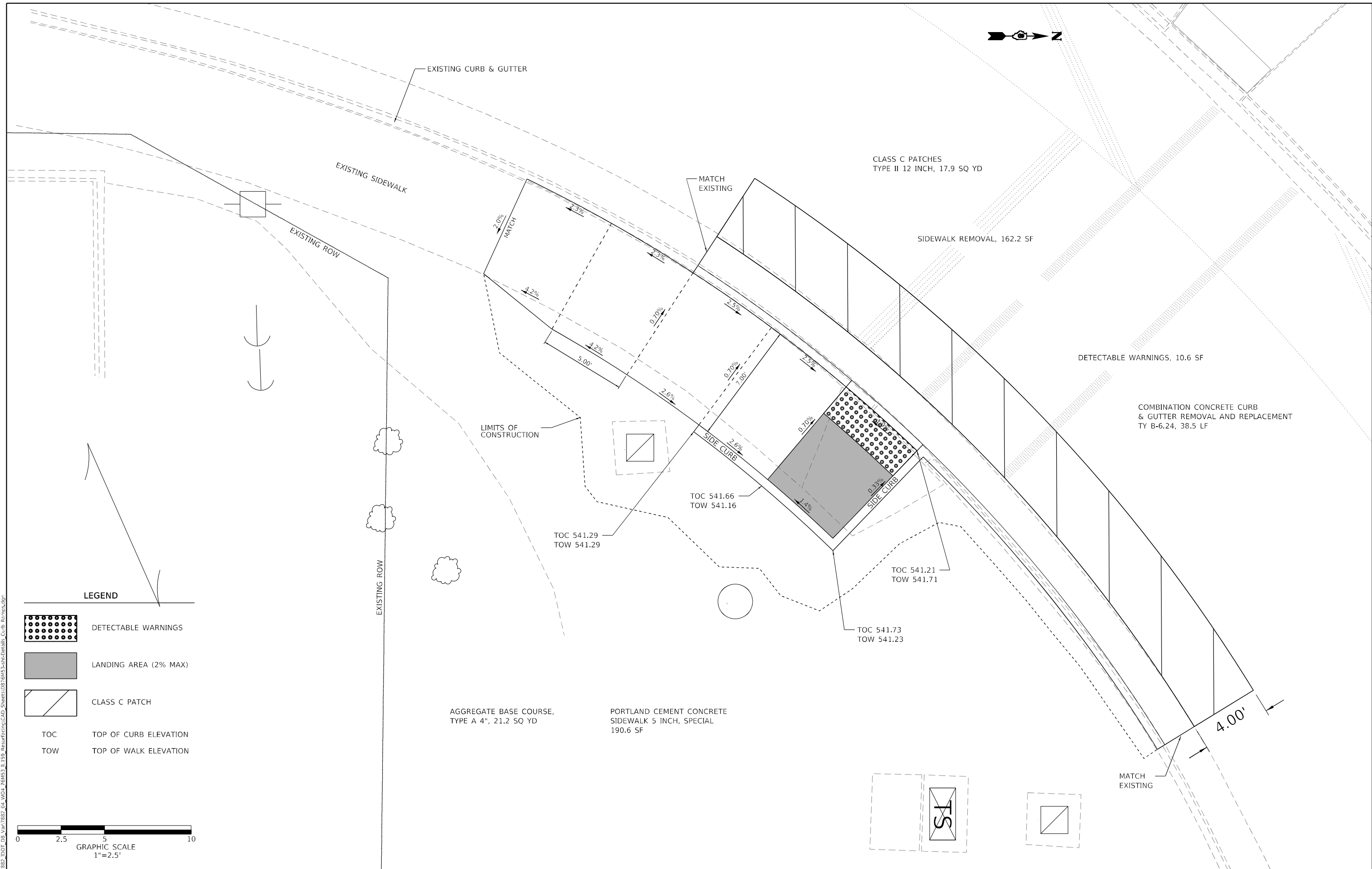
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETAILS - CURB RAMPS  
NORTH EAST QUADRANT IL 159 & IL 161**

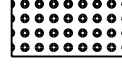

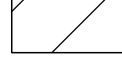
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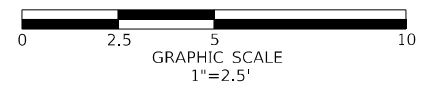
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	130,131RS-5	ST. CLAIR	63	46
CONTRACT NO. 76M53			ILLINOIS FED. AID PROJECT NHPP-BKM5(313)	

MODEL Path: \\dot\_db\_van7882\_04\_w04\_76m53\_IL159\_Resurfacing\CAD\_Sheets\0876M53-Sub-Details\_Curb\_Ramps.dwg  
 FILE NAME: 1017882



**LEGEND**

-  DETECTABLE WARNINGS
-  LANDING AREA (2% MAX)
-  CLASS C PATCH
- TOC TOP OF CURB ELEVATION
- TOW TOP OF WALK ELEVATION



USER NAME	= mobrien
PLOT SCALE	= 5,0000 ' / in.
PLOT DATE	= 1/12/2023

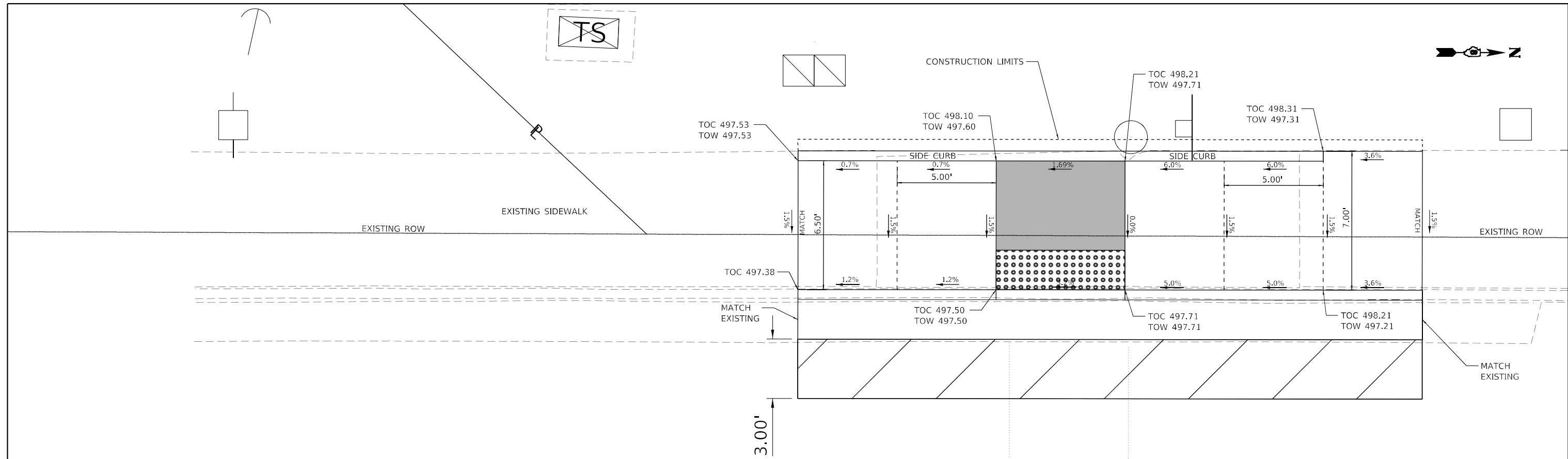
DESIGNED	- M,O'BRIEN	REVISED	-
DRAWN	- M,O'BRIEN	REVISED	-
CHECKED	-	REVISED	-
DATE	-	REVISED	-

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DETAILS - CURB RAMPS  
 SOUTH EAST QUADRANT IL 159 & IL 161**

SCALE: 1" = 2.5' SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	130,131RS-5	ST. CLAIR	63	47
CONTRACT NO. 76M53			ILLINOIS FED. AID PROJECT NHPP-BKM5(313)	



CLASS C PATCHES  
TYPE II 12 INCH, 10.5 SQ YD

COMBINATION CONCRETE CURB  
& GUTTER REMOVAL AND REPLACEMENT  
TY B-6.24, 31.5 LF

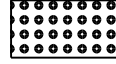

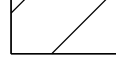
SIDEWALK REMOVAL, 216.5 SF

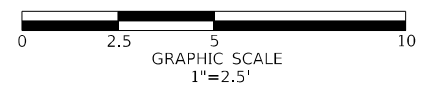
AGGREGATE BASE COURSE,  
TYPE A 4", 24.2 SQ YD

PORTLAND CEMENT CONCRETE  
SIDEWALK 5 INCH, SPECIAL  
218.0 SF

DETECTABLE WARNINGS, 13.0 SF

**LEGEND**

-  DETECTABLE WARNINGS
-  LANDING AREA (2% MAX)
-  CLASS C PATCH
- TOC TOP OF CURB ELEVATION
- TOW TOP OF WALK ELEVATION



IL 159

152

IL 159

MODEL Path: h:\... FILE NAME: 1012023 IDOT\_DB\_Van7882\_04\_W04\_76M53\_IL159\_Resurfacing\CAD\_Sheets\0876M53-shc-Details\_Curb\_Ramps.dwg



USER NAME = mobrien	DESIGNED - M,O'BRIEN	REVISED -
PLOT SCALE = 5,0000 ' / in.	DRAWN - M,O'BRIEN	REVISED -
PLOT DATE = 1/12/2023	CHECKED -	REVISED -
	DATE -	REVISED -

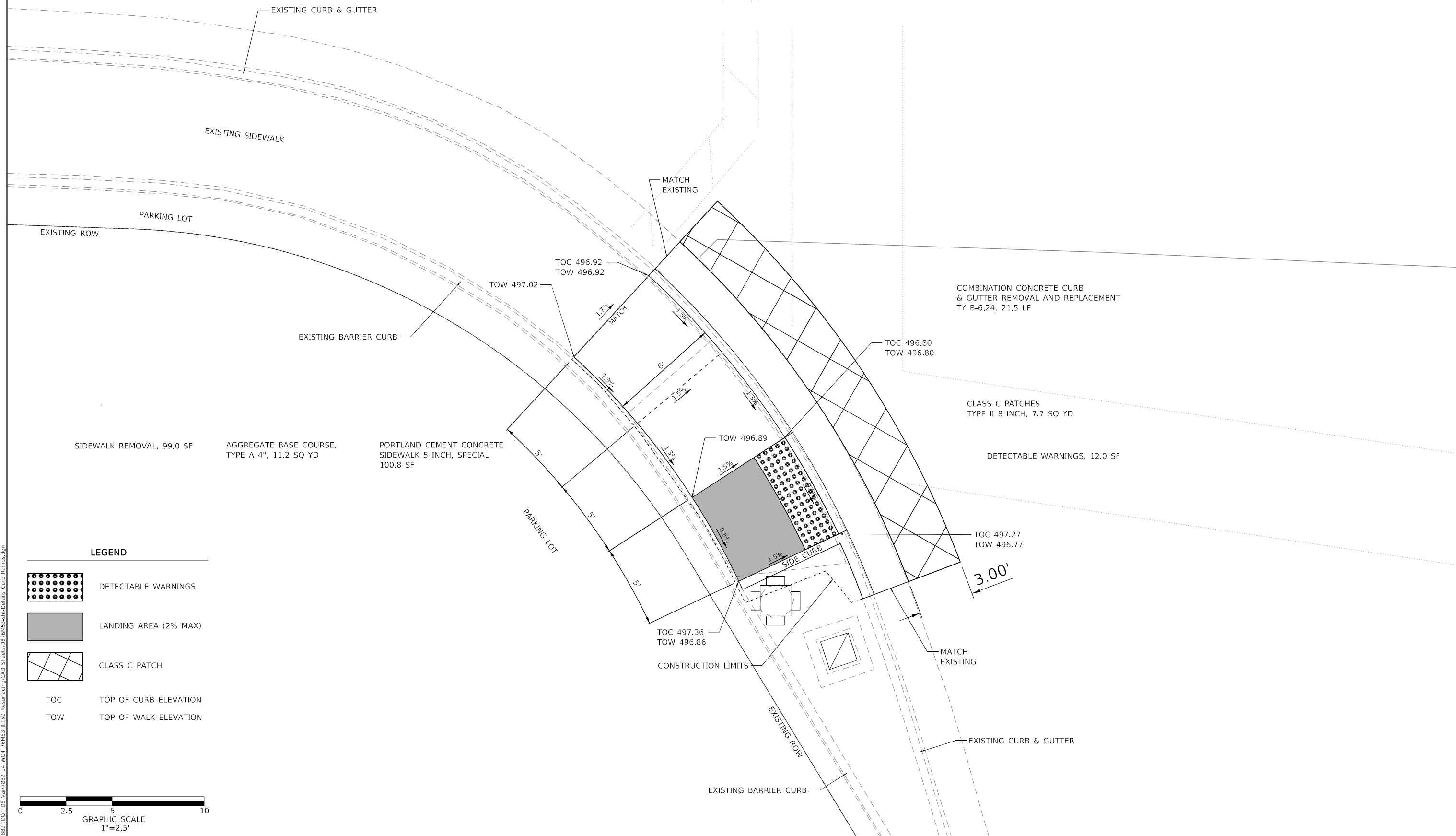
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETAILS - CURB RAMPS  
SOUTH WEST QUADRANT IL 159 & DOUGLAS AVENUE**

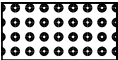


SCALE: 1" = 2.5' SHEET 1 OF 5 SHEETS STA. TO STA.

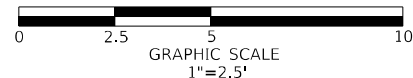
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	130,131RS-5	ST. CLAIR	63	48
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76M53 NHPP-BKM5(313)	





**LEGEND**

-  DETECTABLE WARNINGS
-  LANDING AREA (2% MAX)
-  CLASS C PATCH
- TOC TOP OF CURB ELEVATION
- TOW TOP OF WALK ELEVATION



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USER NAME = mobrien	DESIGNED - M.O'BRIEN	REVISED -
	DRAWN - M.O'BRIEN	REVISED -
PLOT SCALE = 5,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/1/2022	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETAILS - CURB RAMPS**  
**SOUTH EAST QUADRANT IL 159 & DOUGLAS AVENUE**

SCALE: 1" = 2.5' SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	130,131RS-5	ST. CLAIR	63	49
CONTRACT NO. 76M53			ILLINOIS FED. AID PROJECT NHPP-BKM5(313)	





107

IL 159

108

IL 159

AGGREGATE BASE COURSE,  
TYPE A 4", 25.7 SQ YD

PORTLAND CEMENT CONCRETE  
SIDEWALK 5 INCH, SPECIAL  
71.2 SQ FT

DETECTABLE WARNINGS, 10.0 SQ FT

EXISTING COMBINATION  
CONCRETE CURB &  
GUTTER

MATCH BACK  
OF CURB

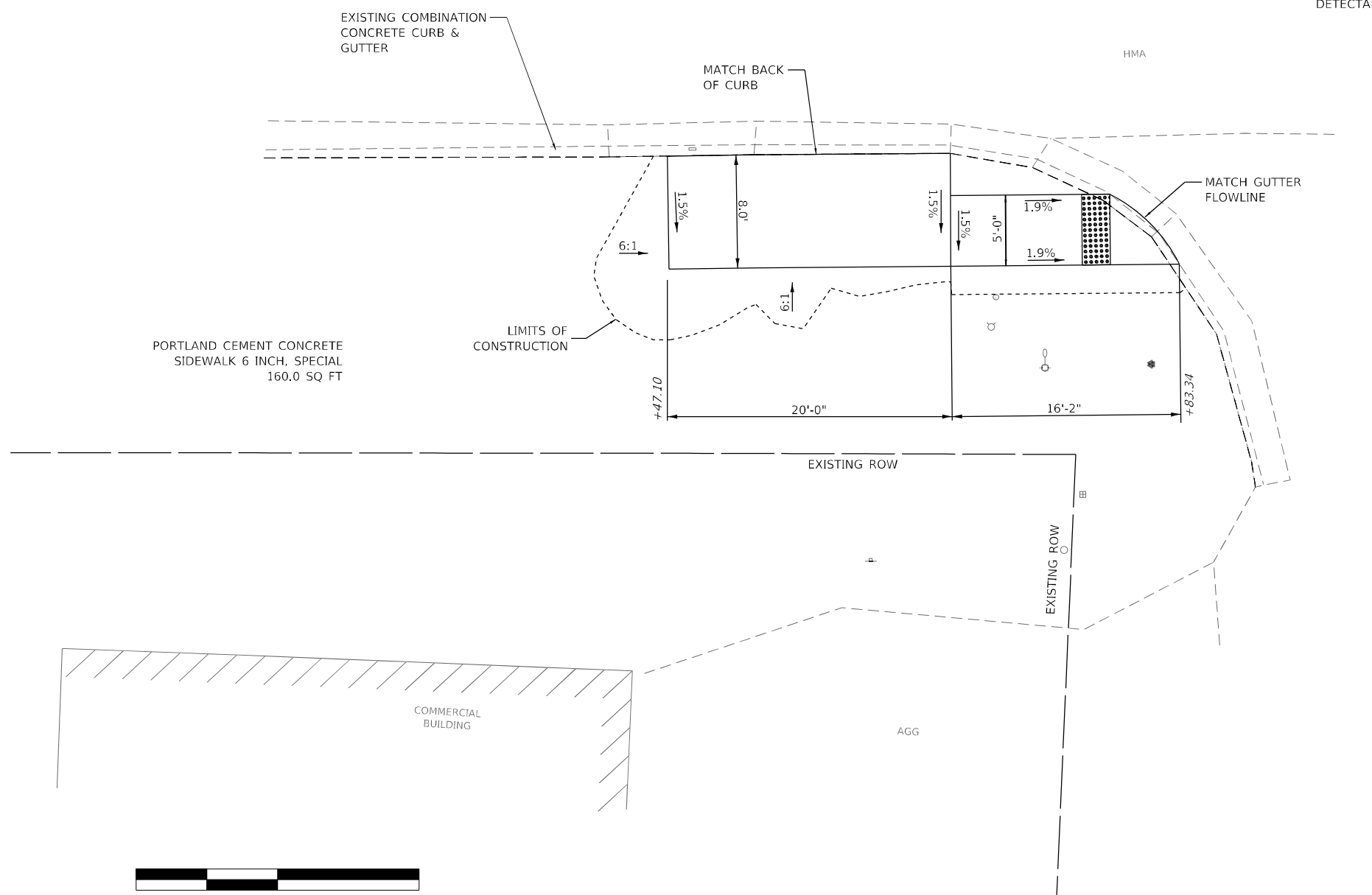
HMA

MATCH GUTTER  
FLOWLINE

PORTLAND CEMENT CONCRETE  
SIDEWALK 6 INCH, SPECIAL  
160.0 SQ FT

LIMITS OF  
CONSTRUCTION

GARDEN STREET



HOME APPLIANCE CENTER  
1900 N. ILLINOIS STREET  
SWANSEA, IL

PESA SITE ID #4243-4



NOTES

1. THE COST OF SEEDING CLASS 2A, MULCH METHOD 2 AND ANY NEED EARTH EXCAVATION SHALL BE PAID FOR AS SEEDING CLASS 2A (SPECIAL) AS DESCRIBED IN THE CONTRACT SPECIAL PROVISIONS.
2. SIDEWALK PANELS ARE 5' BY 5' TYPICAL UNLESS DIMENSIONED OTHERWISE.

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**HMG** HMG ENGINEERS, INC.  
 9360 HOLY CROSS LANE  
 BREESE, ILLINOIS 62230  
 Engineers + Surveyors (618) 526-9611  
 IL PROF. DESIGN FIRM NO. 184.000899

USER NAME = mobrien  
 PLOT SCALE = 10,000' / in.  
 PLOT DATE = 1/12/2023

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

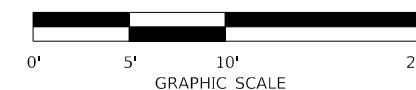
**BUS PAD DETAILS  
 STOP NO. 11307**

SCALE: 1" = 10' SHEET 2 OF 13 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	130,131RS-5	ST. CLAIR	63	51
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76M53	

CVS  
1801 N. ILLINOIS STREET  
SWANSEA, IL

PESA SITE ID #4243-7

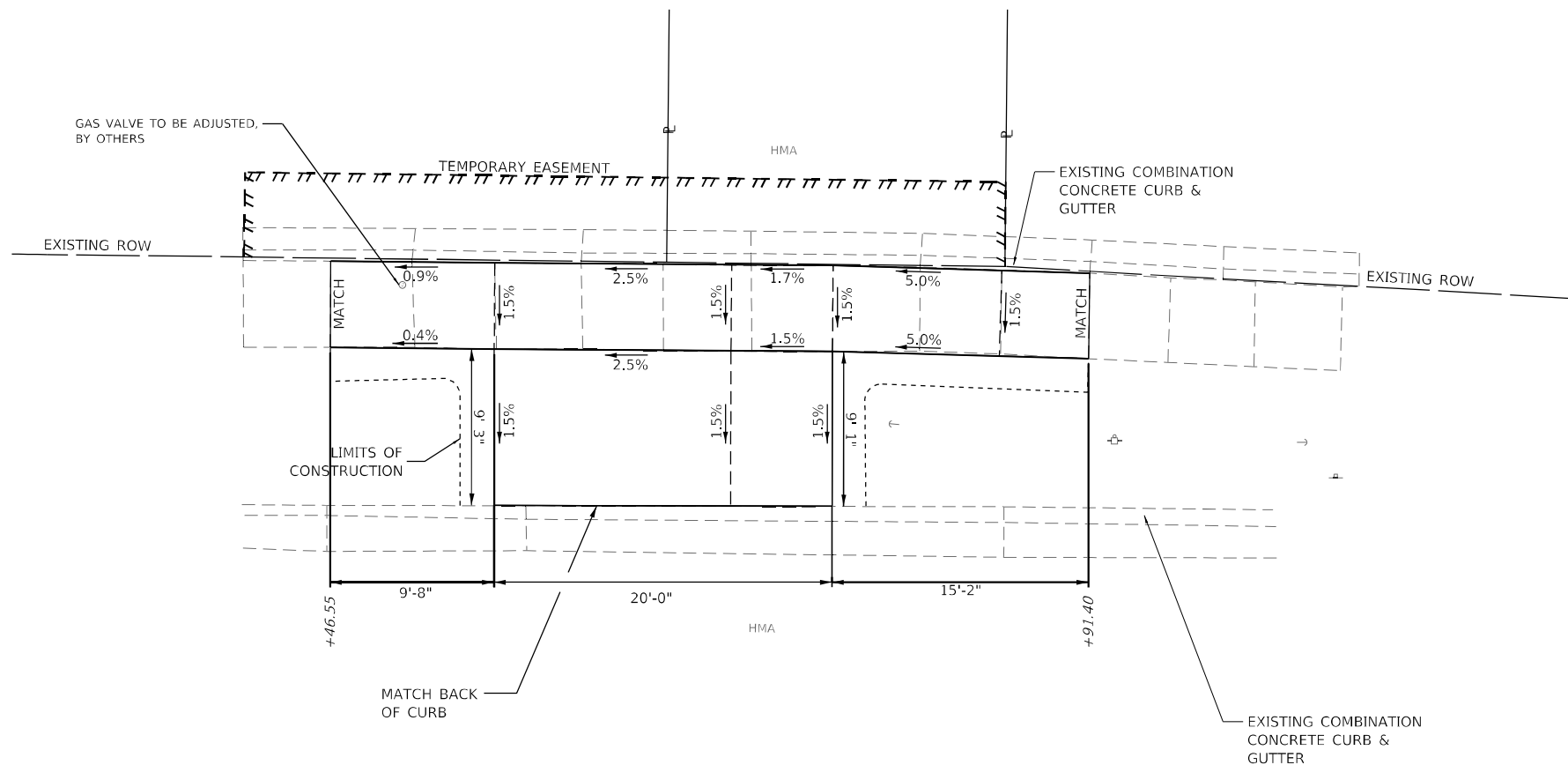


PORTLAND CEMENT CONCRETE  
SIDEWALK 6 INCH, SPECIAL  
184.0 S.F.

AGGREGATE BASE COURSE,  
TYPE A 4", 45.4 SQ YD

SIDEWALK REMOVAL, 225.0 S.F.

PORTLAND CEMENT CONCRETE  
SIDEWALK 5 INCH, SPECIAL  
225.0 S.F.



PT Sta 110+12.76

110+00

IL 159

IL 159

111

NOTES

1. THE COST OF SEEDING CLASS 2A, MULCH METHOD 2 AND ANY NEED EARTH EXCAVATION SHALL BE PAID FOR AS SEEDING CLASS 2A (SPECIAL) AS DESCRIBED IN THE CONTRACT SPECIAL PROVISIONS.
2. SIDEWALK PANELS ARE 5' BY 5' TYPICAL UNLESS DIMENSIONED OTHERWISE.

MODEL: D:\hmg\1103066\_050\_IL159\CAD\_Sheets\076M53-dtd\Drawings\_SCTD Bus Pad.dgn

**HMG** HMG ENGINEERS, INC.  
9360 HOLY CROSS LANE  
BREESE, ILLINOIS 62230  
Engineers + Surveyors  
(618) 526-9611  
IL PROF. DESIGN FIRM NO. 184.000899

USER NAME = mobrien  
DESIGNED -  
DRAWN -  
PLOT SCALE = 10,000' / in.  
CHECKED -  
PLOT DATE = 1/12/2023  
DATE -

REVISIED -  
REVISIED -  
REVISIED -  
REVISIED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BUS PAD DETAILS  
STOP NO. 11424

SCALE: 1" = 10' SHEET 3 OF 13 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	130,131RS-5	ST. CLAIR	63	52
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76M53	

















MOTO MART  
1324 N. ILLINOIS STREET  
SWANSEA, IL

CENTURY BRASS WORKS, INC.  
1100 N. ILLINOIS STREET  
SWANSEA, IL

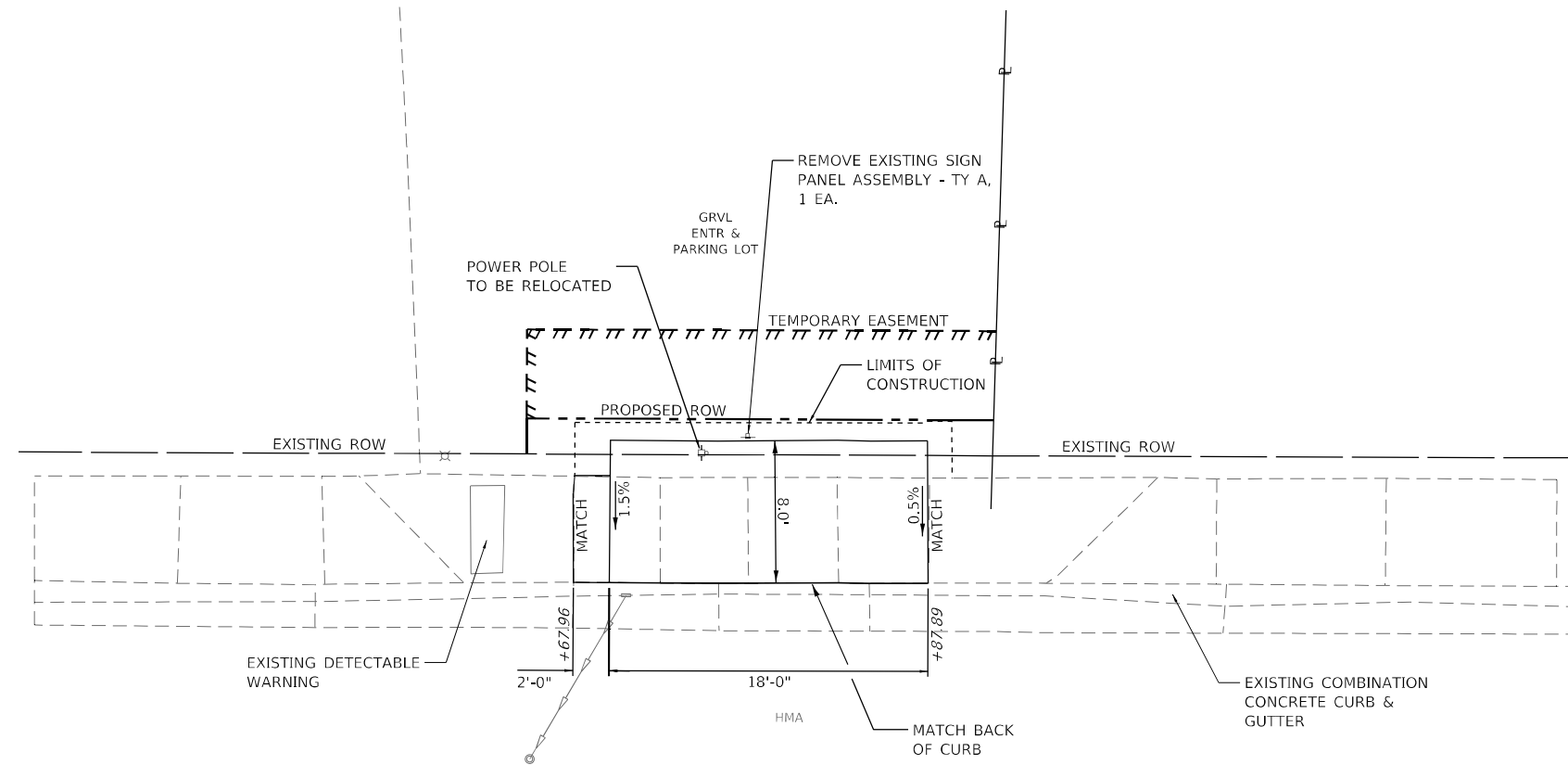
PESA SITE ID #4243-40 & #4243-45

SIDEWALK REMOVAL, 60.0 S.F.

AGGREGATE BASE COURSE,  
TYPE A 4", 17.3 SQ YD

PORTLAND CEMENT CONCRETE  
SIDEWALK 6 INCH, SPECIAL  
144.0 S.F.

PORTLAND CEMENT CONCRETE  
SIDEWALK 5 INCH, SPECIAL  
12.0 S.F.



143

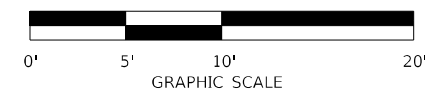
IL 159

144

IL 159

NOTES

1. THE COST OF SEEDING CLASS 2A, MULCH METHOD 2 AND ANY NEED EARTH EXCAVATION SHALL BE PAID FOR AS SEEDING CLASS 2A (SPECIAL) AS DESCRIBED IN THE CONTRACT SPECIAL PROVISIONS.
2. SIDEWALK PANELS ARE 5' BY 5' TYPICAL UNLESS DIMENSIONED OTHERWISE.



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**HMG** HMG ENGINEERS, INC.  
9360 HOLY CROSS LANE  
BREESE, ILLINOIS 62230  
Engineers + Surveyors (618) 526-9611  
IL PROF. DESIGN FIRM NO. 184.000899

USER NAME = mobrien  
PLOT SCALE = 10,000' / in.  
PLOT DATE = 1/12/2023

DESIGNED -  
DRAWN -  
CHECKED -  
DATE -

REVISED -  
REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BUS PAD DETAILS  
STOP NO. 11274**

SCALE: 1" = 10'    SHEET 10 OF 13 SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	130,131RS-5	ST. CLAIR	63	59
CONTRACT NO. 76M53				
ILLINOIS		FED. AID PROJECT		

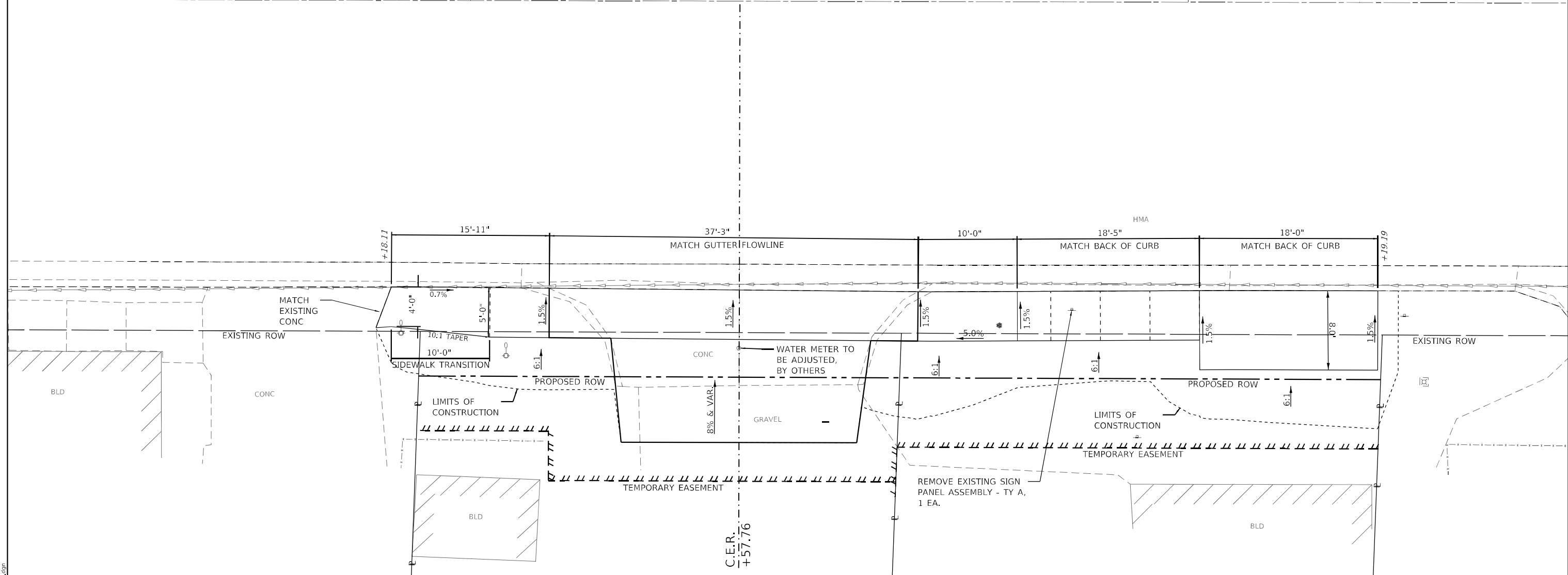


144

IL 159

IL 159

145+00



DRIVEWAY PAVEMENT REMOVAL, 32.0 SQ YDS      AGGREGATE BASE COURSE, TYPE A 4", 90.7 SQ YD      PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT 8", 50 SQ YDS      PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL 222.0 S.F.      PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH, SPECIAL 144.0 S.F.

1203 N. ILLINOIS STREET  
SWANSEA, IL  
  
PESA SITE ID #4243-48



- NOTES
1. THE COST OF SEEDING CLASS 2A, MULCH METHOD 2 AND ANY NEED EARTH EXCAVATION SHALL BE PAID FOR AS SEEDING CLASS 2A (SPECIAL) AS DESCRIBED IN THE CONTRACT SPECIAL PROVISIONS.
  2. SIDEWALK PANELS ARE 5' BY 5' TYPICAL UNLESS DIMENSIONED OTHERWISE.

MODEL: Default  
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**HMG** HMG ENGINEERS, INC.  
9360 HOLY CROSS LANE  
BREESE, ILLINOIS 62230  
Engineers + Surveyors (618) 526-9611  
IL PROF. DESIGN FIRM NO. 184.000899

USER NAME = mobrien  
 PLOT SCALE = 10,000' / in.  
 PLOT DATE = 1/12/2023

DESIGNED -	REVISD -
DRAWN -	REVISD -
CHECKED -	REVISD -
DATE -	REVISD -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BUS PAD DETAILS  
STOP NO. 11255**

SCALE: 1" = 10'      SHEET 11 OF 13 SHEETS      STA.      TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	130,131RS-5	ST. CLAIR	63	60
CONTRACT NO. 76M53			ILLINOIS FED. AID PROJECT	





