INDEX OF SHEETS

SUMMARY OF QUANTITIES TYPICAL SECTIONS

SCHEDULE OF QUANTITIES

PLAN AND PROFILE SHEETS

TRAFFIC SIGNAL SHEETS CROSS SECTIONS

REMOVAL PLAN

14-17 RIGHT-OF-WAY PLAT

9-10

873001-02

886006-01

0

0

0

0

GENERAL NOTES AND COMMITMENTS

GEOMETRIC CENTER PAVEMENT DETAIL PAVEMENT MARKING & SIGNAGE SHEETS

03-10-2023 LETTING ITEM 154

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

PROPOSED HIGHWAY PLANS

CMAQ FUNDS

IDOT HIGHWAY STANDARDS

STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS 000001-08 001001-02 AREAS OF REINFORCEMENT BARS 001006 DECIMAL OF AN INCH AND OF A FOOT 280001-07 TEMPORARY EROSION CONTROL SYSTEMS OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE 701101-05 701426-09 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≥ 45 MPH LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≤ 40 MPH 701427-05 701601-09 URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN 701602-10 URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE 701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION SIDEWALK CORNER OR CROSSWALK CLOSURE 701801-06 TRAFFIC CONTROL DEVICES 701901-08 720001-01 SIGN PANEL MOUNTING DETAILS SIGN PANEL ERECTION DETAILS 720006-04 MAST ARM MOUNTED STREET NAME SIGNS 720016-04 728001-01 TELESCOPING STEEL SIGN SUPPORT TYPICAL PAVEMENT MARKINGS 780001-05 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS 781001-04 BREAKAWAY DEVICES 838001-01 857001-01 STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES

ST. CLAIR COUNTY DEPARTMENT OF ROADS AND BRIDGES FAU 9256/CH46 (FRANK SCOTT PARKWAY WEST) SECTION 18-00290-11-TL PROJECT NO. AB9N(513) INTERSECTION IMPROVEMENTS ST. CLAIR COUNTY

C-98-009-20

DETECTOR LOOP INSTALLATIONS TYPICAL LAYOUT FOR DETECTION LOOPS DESIGN DESIGNATION

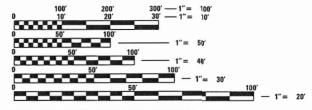
TRAFFIC SIGNAL GROUNDING & BONDING

CONCRETE FOUNDATION DETAILS TRAFFIC SIGNAL MOUNTING DETAILS

STEEL MAST ARM ASSEMBLY AND POLE 56' THROUGH 75'

ROADWAY CLASSIFICATION: MINOR ARTERIAL DESIGN SPEED: 40(N LEG) /45(S LEG) MPH

CURRENT ADT (2020): 13,600 VPD **DESIGN YEAR ADT (2040): 16,600 VPD**



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.

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS 1-800-892-0123

CONTRACT NO: 97788

GEOSPATIAL SERVICES

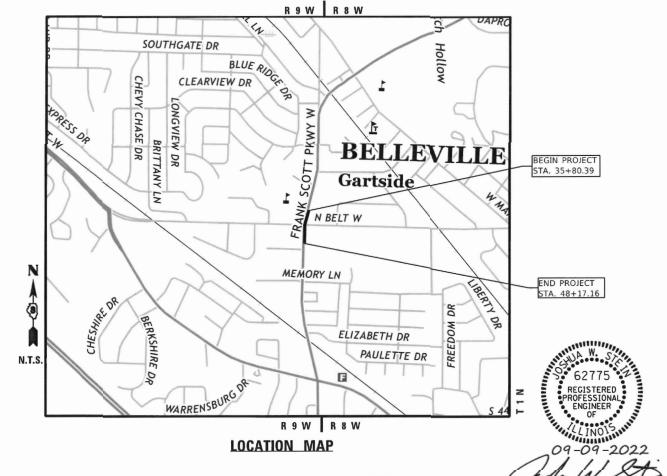
PLANS PREPARED BY:

1940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488

ILLINOIS - MISSOURI - TENNESSEE

Illinois Professional Design Firm No. 184-001220 www.twm-inc.com License Expires: 4/30/2023

GROSS LENGTH = 1236.77 FT. = 0.234 MILE NET LENGTH = 1236.77 FT. = 0.234 MILE



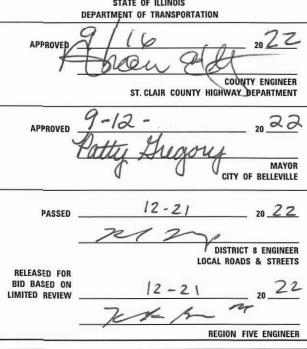
LICENSE NO. 062-062775



18-00290-11-TL

ST. CLAIR 25 1

ILLINOIS CONTRACT NO. 97788



PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

GENERAL NOTES

- 1. ALL ELEVATIONS SHOWN ON THE PLANS ARE BASED ON U.S.G.S. MEAN SEA LEVEL DATUM.
- 2. HORIZONTAL CONTROL IS BASED ON THE STATE PLANE COORDINATES SYSTEM.
- 3. IT IS NOT WARRANTED THAT THIS DOCUMENT CONTAINS COMPLETE INFORMATION REGARDING EASEMENTS, RESERVATIONS, RESTRICTIONS, RIGHT-OF-WAYS, BUILDING LINE SETBACKS, AND OTHER ENCUMBRANCES. FOR COMPLETE INFORMATION, A TITLE OPINION OR COMMITMENT FOR TITLE INSURANCE SHOULD BE OBTAINED AND THOROUGHLY
- 4. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO ORDERING OF MATERIALS AND COMMENCING CONSTRUCTION
- 5. THE CONTRACTOR SHALL STAGE ALL WORK IN SUCH A WAY AS TO MAINTAIN INGRESS AND EGRESS TO ALL ABUTTING PROPERTIES.
- 6. THE CONTRACTOR SHALL CONFINE ALL OPERATIONS TO THE CONSTRUCTION LIMITS LINE SHOWN ON THE PLANS. ANY AREA DISTURBED BEYOND THESE LIMITS SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
- 7. THE CONTRACTOR SHALL NOTIFY THE ILLINOIS DEPARTMENT OF TRANSPORTATION, THE ST. CLAIR COUNTY DEPARTMENT OF ROADS AND BRIDGES, AND THE CITY OF BELLEVILLE AT LEAST TWO WEEKS PRIOR TO IMPLEMENTING ANY TRAFFIC CONTROL.

UTILITIES

- 1. EXISTING UNDERGROUND AND ABOVE-GRADE UTILITY STRUCTURES AND FACILITIES HAVE BEEN PLOTTED ON THESE PLANS BASED ON TOPOGRAPHIC SURVEYS CONDUCTED DURING DESIGN. THE LOCATIONS OF THESE FEATURES MUST BE CONSIDERED APPROXIMATE ONLY. IN ADDITION, THERE MAY BE OTHER FACILITIES WHICH DID NOT EXIST OR WERE NOT KNOWN DURING PREPARATION OF THESE DRAWINGS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE ALL EXISTING FACILITIES LOCATED IN THE FIELD PRIOR TO ANY CONSTRUCTION ACTIVITIES AND TO PROTECT ALL SUCH FACILITIES THROUGHOUT CONSTRUCTION.
- 2. UNLESS NOTED OTHERWISE, THE TYPE, SIZE, DEPTH, AND LOCATION OF EXISTING GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER FACILITIES AS DELINEATED ON THE PLANS HAVE BEEN DETERMINED BY REVIEW OF AVAILABLE EXISTING "AS BUILTS" OR RECORD DRAWINGS, FIELD SURVEY ON J.U.L.I.E. MARKED UTILITIES, OR FIELD SUBVEY OF ABOVE GROUND SUBSUBFACE LITHITY FEATURES. THEREFORE THEIR EXACT LOCATION SIZE AND FUNCTION MUST BE CONSIDERED APPROXIMATE. THE EXISTING LOCATION OF ALL UNDERGROUND ELECTRIC, TELEPHONE, CABLE, SANITARY SEWER LINES AND GAS MAINS HAVE BEEN APPROXIMATED AT MINIMUM DEPTHS OF 30", 24", 24", 30", AND 36". RESPECTIVELY.
- 3. ANY FACULTIES OR APPURTENANCES, WHICH ARE THE PROPERTY OF ANY PUBLIC UTILITY LOCATED WITHIN THE LIMITS OF CONSTRUCTION, SHALL BE RELOCATED OR ADJUSTED BY THEIR RESPECTIVE OWNERS. THE CONTRACTOR SHALL NOTIFY AND COOPERATE WITH THE OWNERS OF ANY SUCH FACILITY IN THEIR REMOVAL/ADJUSTMENTS AND ADJUST HIS/HER OPERATIONS IN ORDER THAT, THE UTILITY'S OPERATIONS AND THE CONSTRUCTION OF THE PROJECT MAY PROGRESS IN A REASONABLE MANNER.
- 4. UTILITIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA:

AMEREN IP ADB COMPANIES $\Delta T \& T$ CHARTER COMMUNICATIONS CITY OF BELLEVILLE ILLINOIS AMERICAN WATER

ST. CLAIR COUNTY HIGHWAY DEPARTMENT ST. CLAIR TOWNSHIP

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

5. IDOT UTILITY NOTE: THE DEPARTMENT IS NOT A MEMBER OF J.U.L.I.E. AND DOES NOT LOCATE ITS OWN FACILITIES (SUCH AS UNDERGROUND CONDUIT AND/OR CABLE FOR TRAFFIC SIGNALS OR HIGHWAY LIGHTS). THE APPLICANT, AT HIS/HER OWN EXPENSE, MUST OBTAIN THE SERVICES OF A QUALIFIED ELECTRICAL CONTRACTOR TO LOCATE SUCH STATE OWNED FACILITIES.

DRAINAGE AND EROSION CONTROL

- 1. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN POSITIVE DRAINAGE DURING VARIOUS STAGES OF CONSTRUCTION. THIS INCLUDES ALL LABOR, EQUIPMENT AND MATERIALS USED BEYOND WHAT IS SPECIFIED IN THE PLANS. NECESSARY ITEMS SUCH AS TEMPORARY DITCHES OR PIPES WILL NOT BE PAID FOR SEPARATELY AND SHALL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT.
- EROSION AND SEDIMENT CONTROL SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 280 OF THE STANDARD SPECIFICATIONS.
- 3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSURE THAT ALL EROSION AND SEDIMENT DOES NOT MIGRATE OFF SITE. IF UNEXPECTED EROSION OR SEDIMENT DOES MIGRATE OFF SITE OR IF EROSION CONTROL DEVICES BECOME DAMAGED. THE CONTRACTOR SHALL PROVIDE SUFFICIENT MEASURES TO REPAIR OR REPLACE DEVICES TO INSURE OFF-SITE DAMAGE DOES NOT OCCUR. ANY SEDIMENT OR EROSION DAMAGE WHICH OCCURS OFF-SITE SHALL BE REPAIRED BY THE CONTRACTOR AT HIS/HER EXPENSE.

TRAFFIC CONTROL

- 1. ALL CONSTRUCTION SIGNS SHALL BE 48" FLUORESCENT ORANGE.
- 2. ANY EXCAVATION ADJACENT TO THE EDGE OF PAVEMENT SHALL BE PROTECTED WITH EXTENDED LEG BARRIERS AND APPROPRIATE LIGHTS.

SIGNS

1. SIGNS NOT RESURRECTED WILL REVERT BACK TO THE RESPONSIBLE PARTY, WHETHER IT BE THE ST. CLAIR COUNTY DEPARTMENT OF ROADS AND BRIDGES, THE CITY OF BELLEVILLE, OR THE ILLINOIS DEPARTMENT OF TRANSPORTATION. ANY DAMAGE TO EXISTING SIGNS IN STORAGE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ENGINEER WILL CONTACT APPROPRIATE AGENCY FOR SIGN RETURN. FOR THE ILLINOIS DEPARTMENT OF TRANSPORTATION SIGNS, CONTACT JEAN SLAPE AT 618/394-2189.

HMA MIXTURE REQUIREMENTS

LOCATION(S):

FAU 9256 (FRANK SCOTT PARKWAY WEST)

MIXTURE USE(S):	FULL DEPTH,	FULL DEPTH,	FULL DEPTH,
MIXTURE USE(S).	SURFACE	TOP BINDER	LOWER BINDER
PG:	SBS PG 70-22	SBS PG 70-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70
MIXTURE COMPOSITION:	IL 9.5	IL 19.0	IL 19.0
FRICTION AGGREGATE:	MIXTURE "D"		
MIXTURE WEIGHT:	112 LB/ SQ YD/ IN	112 LB/ SQ YD/ IN	112 LB/ SQ YD/ IN
QUALITY MANAGEMENT PROGRAM:	QC/QA	QC/QA	QC/QA
SUBLOT SIZE:	N/A	N/A	N/A
MATERIAL TRANSFER DEVICE (REQUIRED?)	NO	NO	NO

COMMITMENTS

NONE



USER NAME = mschwierjohn	DESIGNED -	MLS	REVISED -
	DRAWN -	DL	REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED -	JWS	REVISED -
PLOT DATE = 8/24/2022	DATE -	AUG 2022	REVISED -





SCALE: NTS

					FAU 9256 / CH46	FAU 9256 / CH46
					(FRANK SCOTT PARKWAY)	(FRANK SCOTT PARKWAY)
					SOUTH LEG	NORTH LEG
					ROADWAY STA. 35+80.39 - STA. 41+43.89	ROADWAY STA. 41+43.89 - STA. 48+17.16
					ST. CLAIR COUNTY	CITY OF BELLEVILLE
Γ					20% COUNTY / 80% FED	20% CITY / 80% FED
	CODE	DAY ITEM	LINIT	TOTAL		
	NO.	PAY ITEM	UNIT	QUANTITY	0021	0021
L					URBAN	URBAN
	20200100	EARTH EXCAVATION	CU YD	65	65	0
ŀ						
	31100300	SUBBASE GRANULAR MATERIAL, TYPE A 4"	SQ YD	229	229	0
ŀ						· · · · · · · · · · · · · · · · · · ·
F						_
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	515	515	0
-						
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	52	52	0
F						
	40701901	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 11"	SQ YD	229	229	0
ŀ		(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
.		NON OPPOSIT	611.145			
7	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	142	142	0
-						
7	66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1	0
F						
ا د	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1	0
-						
\	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1	0
,		REGULATED SUBSTANCES LINAL CONSTRUCTION REPORT	L 30W	1	1	U
+						
7	66901006	REGULATED SUBSTANCES MONITORING	CAL DA	3	3	0
	67100100	MOBILIZATION	L SUM	1	0.75	0.25
+						
7	72000100	SIGN PANEL - TYPE 1	SQ FT	40.50	24.50	16.00
-						
\ \	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	48	32	16
<u>,</u>	/2000100	TELESCOLING STELL STON SOLLON	1001	40	32	10
.						
7	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	187	94	93



USER NAME = mschwierjohn	DESIGNED	-	MLS	REVISED	-
	DRAWN	-	DL	REVISED	-
PLOT SCALE = 2.0000 ' / in.	CHECKED	-	JWS	REVISED	-
PLOT DATE = 1/10/2023	DATE	-	AUG 2022	REVISED	-

Δ SPECIALTY ITEMS



ST. CLAIR COUNTY DEPARTMENT OF ROADS & BRIDGES

			CLIBARA	۸ ۵۱	/ OF OU	A A ITITI C C		ROUTE	
			SUMIM	AK	Y OF QUA	ANIIIES)	9256	
SCALE: NTS	SHEET	1	OF	3	SHEETS	STA.	TO STA.		

CONSTRUCTION CODE

FAU 9256 / CH46

FAU 9256 / CH46

					FAU 9256 / CH46	FAU 9256 / CH46
					(FRANK SCOTT PARKWAY)	(FRANK SCOTT PARKWAY)
					SOUTH LEG	NORTH LEG
					ROADWAY	ROADWAY
					STA. 35+80.39 - STA. 41+43.89	STA. 41+43.89 - STA. 48+17.16
_					ST. CLAIR COUNTY	CITY OF BELLEVILLE
					20% COUNTY / 80% FED	20% CITY / 80% FED
	CODE	PAY ITEM	UNIT	TOTAL	0021	0021
	NO.	TAN TIETT	01111	QUANTITY	0021	0021
-						
Δ	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	3071	1664	1407
-						
Δ	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	803	401	402
	70000650	THERMORI ACTIC DAVEMENT MARKING I INC. 24 H	FOOT	207	102	105
Δ	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	207	102	103
	78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	1904	910	994
-						
H						
Δ	80300100	LOCATING UNDERGROUND CABLE	FOOT	545	212	333
-						
,	81028320	UNDERCROUND CONDUIT DVC 1" DIA	FOOT	3.5	16	10
Δ	81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	35	16	19
Δ	81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	5	0	5
-						
-						
Δ	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	106	0	106
Δ	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	126	0	126
-		·				
-						
Δ	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1660	985	675
F						
Δ	87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	459	144	315
_		2.022 1.1 33.031., 22.03 11, 110. 11 1 17.111	. 551		2	513
-		FLECTRIC CARLE IN CONDUIT FOUNDMENT CROWNSING COMPLETES. NO				
Δ	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	22	0	22
F						
	97700400	STEEL MAST ADM ASSEMBLY AND DOLE 60 FT	EACH	1	0	1
Δ	87700400	STEEL MAST ARM ASSEMBLY AND POLE, 60 FT.	EACH	1	0	1
Δ	87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	21	0	21
L						

Δ SPECIALTY ITEMS



USER NAME = mschwierjohn	DESIGNED -	MLS	REVISED	=
	DRAWN -	DL	REVISED	-
PLOT SCALE = 2.0000 / in.	CHECKED -	JWS	REVISED	-
PLOT DATE = 1/6/2023	DATE -	AUG 2022	REVISED	-



ST. CLAIR COUNTY DEPARTMENT OF ROADS & BRIDGES

			SUMM	٩R١	OF QUA	ANTITIES	
5	SHEET	2	OF	4	SHEETS	STA.	TO STA.

CONSTRUCTION CODE

FAU 9256 / CH46

FAU 9256 / CH46

					(TRAIN SCOTT TAINWAT)	MODILLIEC
					SOUTH LEG	NORTH LEG
					ROADWAY	ROADWAY
					STA. 35+80.39 - STA. 41+43.89	STA. 41+43.89 - STA. 48+17.16
					ST. CLAIR COUNTY	CITY OF BELLEVILLE
					20% COUNTY / 80% FED	20% CITY / 80% FED
	CODE	PAY ITEM	UNIT	TOTAL	0021	0021
	NO.	PATTIEM	UNIT	QUANTITY	0021	0021
, [88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET	EACH	4	1	2
Δ	88040070	MOUNTED	EACH	4	1	3
, [88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM	FACU	г	2	2
Δ	88040090	MOUNTED	EACH	5	2	3
, [00200200	TRAFFIC CICNAL BACKBLATE BLACTIC	E A CIL	-	2	2
Δ	88200300	TRAFFIC SIGNAL BACKPLATE, PLASTIC	EACH	5	2	3
.		INDUCTION LOOP DETECTOR AMPLIFIER WITH CALL DELAY AND CALL				_
Δ	88500520	INDUCTION LOOP DETECTOR AMPLIFIER WITH CALL DELAY AND CALL CARRY-OVER, DIGITAL DESIGN	EACH	2	1	1
.						
Δ	88600100	DETECTOR LOOP, TYPE I	FOOT	381	189	192
Δ	89500200	RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	2	0	2
		RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM,				
Δ	89501420	COMPLETE	EACH	1	0	1
				_		
Δ	89502200	MODIFY EXISTING CONTROLLER	EACH	1	0.5	0.5
.	0050000	DEMONSE EN FORDING CONDUCT	5007	0.07		202
Δ	89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	807	604	203
.	00500075	DEMONE ENVICTING TRAFFIC CLONAL FOUNDATION	- A GU			
Δ	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1	0	1
	00503335	DEMOVE EVICTING CONCRETE FOUNDATION	E A CLL		_	
Δ	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	1	0	1
,	V0224005	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20	F00=	100		100
Δ	X0324085	3/C	FOOT	108	0	108
	V022555	DELOCATE CLON CRECIAL	E 4 C	_		
	X0326657	RELOCATE SIGN, SPECIAL	EACH	1	0	1
r						
,	V2600012	DEMOVE AND DELOCATE CLON DANIEL AND DOLE ACCEMBLY	EACH	1	0	1
Δ	X2600012	REMOVE AND RELOCATE SIGN PANEL AND POLE ASSEMBLY	EACH	1	0	1
_	CDECIALTY					

Δ SPECIALTY ITEMS



USER NAME = mschwierjohn	DESIGNED	-	MLS	REVISED -
	DRAWN	-	DL	REVISED -
PLOT SCALE = 2.0000 / in.	CHECKED	-	JWS	REVISED -
PLOT DATE = 1/6/2023	DATE	-	AUG 2022	REVISED -



ST. CLAIR COUNTY DEPARTMENT OF ROADS & BRIDGES

			SUMM	٩R	Y OF QUA	ANTITIES	
-S	SHEET	3	OF	4	SHEETS	STA.	TO STA.

CONSTRUCTION CODE

FAU 9256 / CH46

(FRANK SCOTT PARKWAY)

FAU 9256 / CH46

(FRANK SCOTT PARKWAY)

CONSTRUC	TION CODE
FAU 9256 / CH46	FAU 9256 / CH46
(FRANK SCOTT PARKWAY)	(FRANK SCOTT PARKWAY)
SOUTH LEG	NORTH LEG
ROADWAY	ROADWAY
STA. 35+80.39 - STA. 41+43.89	STA. 41+43.89 - STA. 48+17.1
ST. CLAIR COUNTY	CITY OF BELLEVILLE
20% COUNTY / 80% FED	20% CITY / 80% FED

_					ST. CLAIR COUNTY	CITY OF BELLEVILLE
	6055			TOTAL	20% COUNTY / 80% FED	20% CITY / 80% FED
	CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	0021	0021
	NO.			QUANTITI		
	X4403700	MEDIAN REMOVAL (SPECIAL)	SQ FT	2061	2061	0
	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	0.5	0.5
Δ	X8950305	REMOVE EXISTING SIGNAL HEAD	EACH	3	2	1

TWM

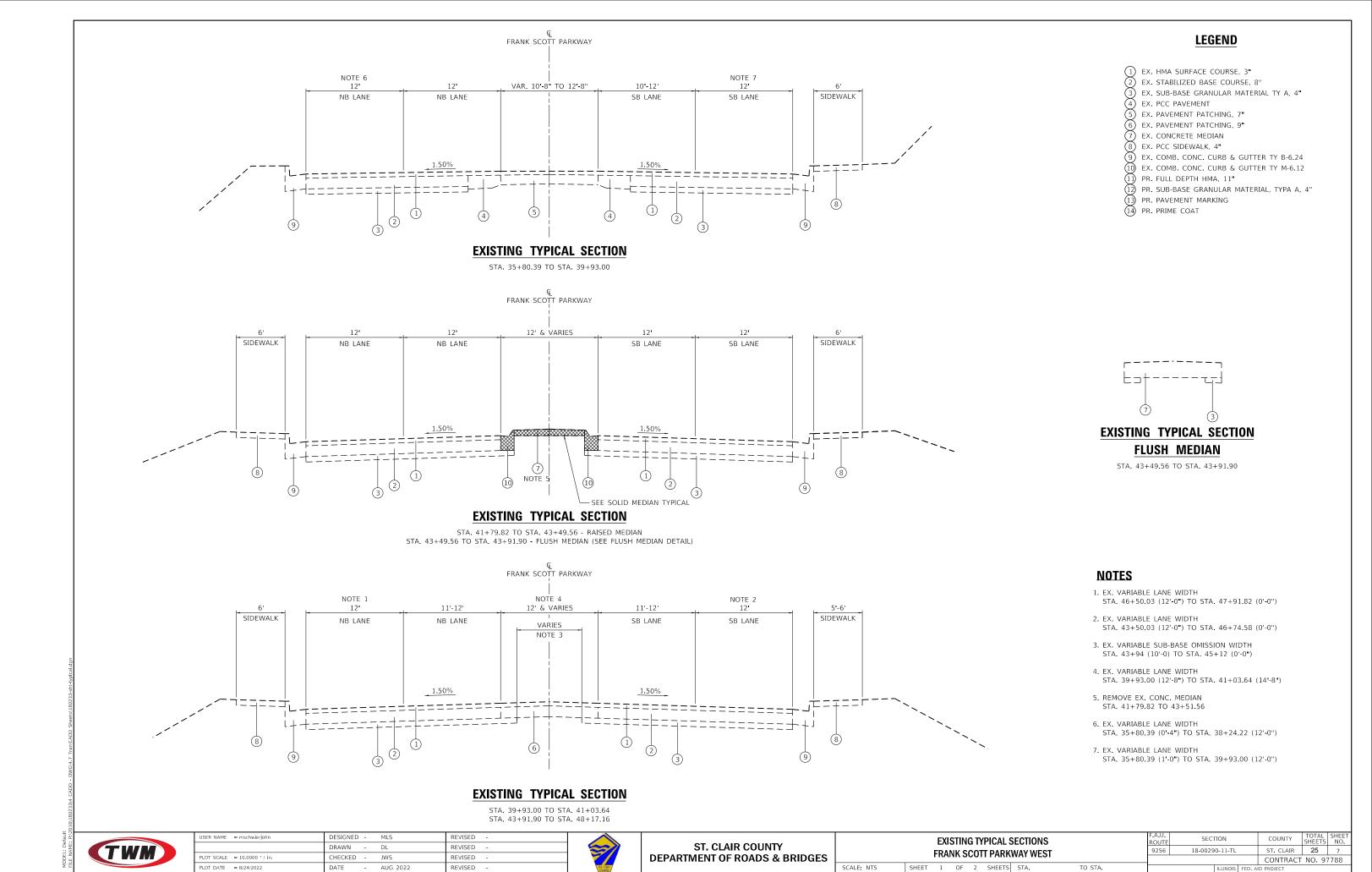
USER NAME = mschwierjohn	DESIGNED -	MLS	REVISED -
	DRAWN -	DL	REVISED -
PLOT SCALE = 2.0000 / in.	CHECKED -	JWS	REVISED -
PLOT DATE = 1/6/2023	DATE -	AUG 2022	REVISED -

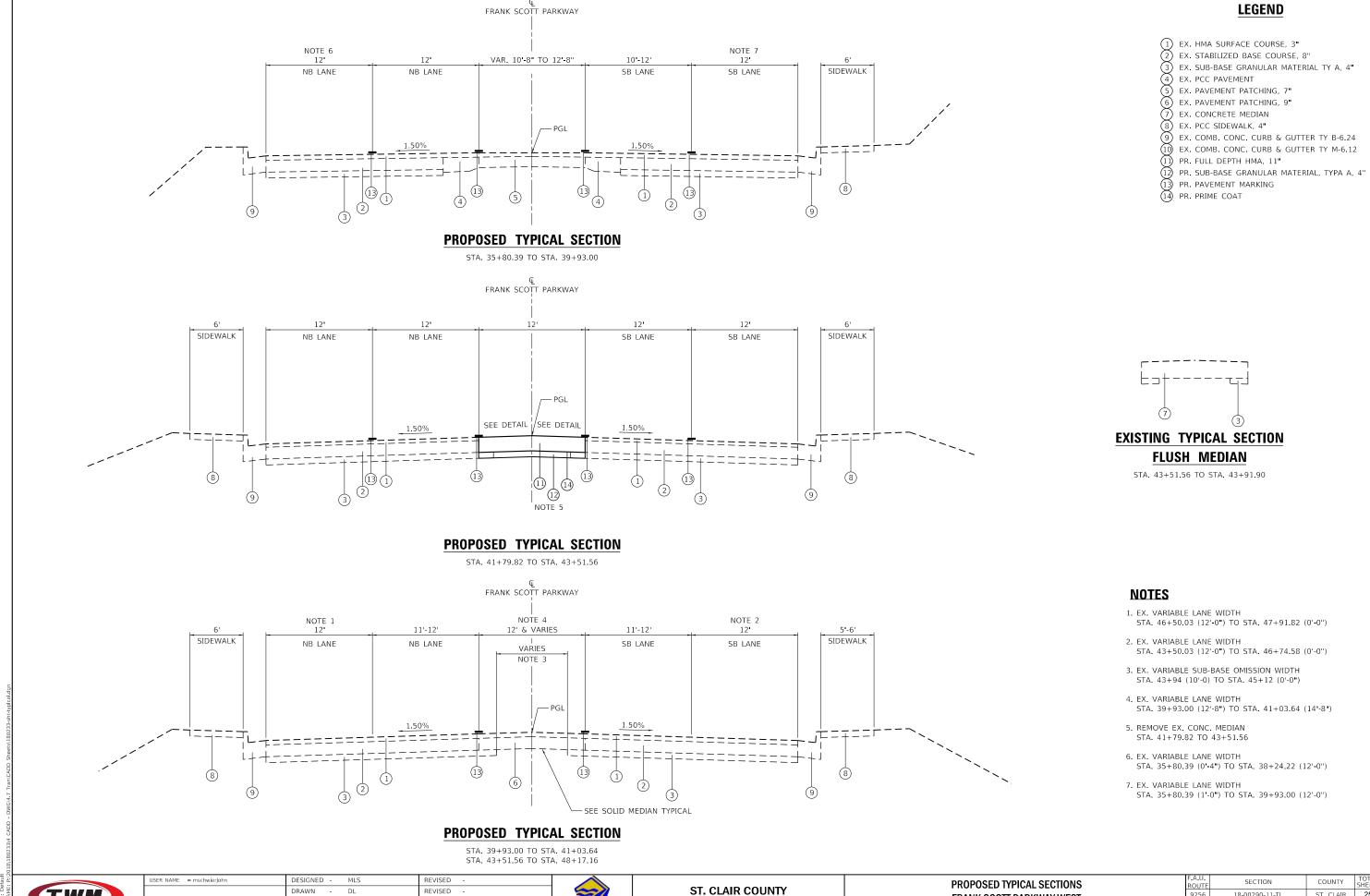


ST. CLAIR COUNTY
DEPARTMENT OF ROADS & BRIDGES

CUINAMA DV OF CUIANITITIES	F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SUMMARY OF QUANTITIES	9256	18-00290-11-TL	ST. CLAIR	25	6
			CONTRAC	T NO. 9	7788
SHEET 4 OF 4 SHEETS STA. TO STA		ILLINOIS	FED. AID PROJECT		

ST. CLAIR COUNTY DEPARTMENT OF ROADS & BRIDGES			SI	UMM/	ARY	OF QUA	ANTITIES	3	F.A.U ROU 925	UTE	-
	SCALE: NTS	SHEET	4	OF	4	SHEETS	STA.	TO STA.		_	-





DEPARTMENT OF ROADS & BRIDGES

18-00290-11-TL

FRANK SCOTT PARKWAY WEST

TO STA.

SHEET 2 OF 2 SHEETS STA.

ST. CLAIR 25 8

CONTRACT NO. 97788

LOT DATE = 8/24/2022

JWS

AUG 2022

DATE

REVISED

REVISED

MEDIAN REMOVAL (SPECIAL) SCHEDULE										
	MEDIAN REMOVAL (SPECIAL)									
STATION	то	STATION	NOTES	SQ FT						
FSP WEST										
41+79.82	то	43+51.56		2060.88						
			TOTAL :	2061						

			SIGN	AGE SCHEDULE							
LOCATION			DESCRIPTION	N				**REMOVE AND RELOCATE SIGN PANEL & POLE ASSEMBLY	*SIGN PANEL - TYPE 1	TELESCOPING STEEL SIGN SUPPORT	
STA	AT I ON		SIGN	SHAPE		5 I Z	Έ	EACH	SQ FT	FOOT	
FSP WEST											
20:01.00	20.10	RT	TWO-WAY LT ONLY SIGN	RECTANGLE	24	Х	36	1			
38+81.89	39.18	9.10	END SIGN	RECTANGLE	30	Х	12	2			
20.02.20	33.95'	LT	TWO-WAY LT ONLY SIGN	RECTANGLE	24 X 36 30 X 12		6.00	16.5			
38+82.39	33.93	33.93		BEGIN SIGN	RECTANGLE	30	Х	12		2.50	16.5
42.50.02	20.701	LT	TWO-WAY LT ONLY SIGN	RECTANGLE	24	Х	36		6.00	16.0	
43+50.03	39.70'		END SIGN	RECTANGLE	30	Х	12		2.50	16.0	
42.00.60	20.011	DT	TWO-WAY LT ONLY SIGN	RECTANGLE	24	Х	36		6.00		
43+89.60	38.91'	RT	BEGIN SIGN	RECTANGLE	30	Х	12		2.50	15.9	
	•			<u>.</u>	SUI	3 - T0	TAL:	1	25.50	48.4	
				TRAFFIC SIGNA	L PLAI	V T	: JATC		15.00		
						Т	TAL:	1	40.50	48	

	HOT-MIX ASPHALT PAVING SCHEDULE													
LOCATION				SUBBASE GRANULAR MATERIAL, TYPE A	BITUMINOUS MATERIALS (PRIME COAT)	BITUMINOUS MATERIALS (TACK COAT)	HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 11"							
STATION	ТО	STATION	LT/RT	SQ YD	POUND	POUND	SQ YD							
FSP WEST														
41+79.82 TO 43+51.56 LT/RT		229.0	515.2	51.5	229.0									
			TOTAL:	229	515	52	229							

			EARTHWO	RK SCHEDULE						
				FOR INFORMATION ONLY						
			EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR 25% SHRINKAGE	EMBANKMENT	BALANCE WASTE (+) SHORTAGE (-)				
STATION	ТО	STATION	CU YD	CU YD	CU YD	CU YD				
FSP WEST	•									
41+79.82	ТО	43+51.56	63	47	0	47				
		SUB - TOTAL :	63	47	0	47				
		PAY TOTAL:	65							



USER NAME = mschwierjohn	DESIGNED - MLS	REVISED -
	DRAWN - DL	REVISED -
PLOT SCALE = 2.0000 / in.	CHECKED - JWS	REVISED -
PLOT DATE = 8/24/2022	DATE - AUG 2022	REVISED -



ST. CLAIR COUNTY
DEPARTMENT OF ROADS & BRIDGES

SCALE: NTS

COUEDING OF CHANTITIES	F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCHEDULE OF QUANTITIES	9256	18-00290-11-TL	ST. CLAIR	25	9
			CONTRACT	NO. 9	7788
SHEET 1 OF 2 SHEETS STA. TO STA.		ILLINOIS FED	AID PROJECT		

^{*} SEE TRAFFIC SIGNAL PLANS FOR ADDITIONAL INFORMATION **ALL REMOVE AND RELOCATE SIGN STATIONS ARE THE PROPOSED LOCATION. SEE SPECIAL PROVISIONS.

					PAVEMENT MARK I NG	ТН	IERMOPLAST	IC PAVEMEN	NT MARKING	
			LOCATION		REMOVAL -	LETTERS AND	LIN	E 4"	LINE 12"	LINE 2
					WATER BLASTING	SYMBOLS	WHITE	YELLOW	WHITE	WHITE
STATION SP WEST	ТО	STATION	LOCATION	ТҮРЕ	SQ FT	SQ FT	FOOT	FOOT	FOOT	FOOT
				SINGLE 4"				301.8		
35+80.39	ТО	38+82.15	2-WAY LT LANE (RT)	SKIP-DASH				75.4		
25.00.20	то.	20.02.15	2 WAY IT LAME (IT)	SKIP-DASH				75.4		
35+80.39	TO	38+82.15	2-WAY LT LANE (LT)	SINGLE 4"				301.8		
35+80.39	ТО	37+17.31	STRIPED MEDIAN	DOUBLE 4"	184.6					
35+80.39	TO	48+17.16	MEDIAN DIAGONALS	SINGLE 12"	409.3					
36+59.05	ТО	36+59.05	2-WAY LT LANE	LARGE BIDIRECTIONAL TURN LT		31.2				
37+67.83	ТО	38+82.43	LT LANE EDGE LINE	SINGLE 4"	38.2					
37+67.83	ТО	37+82.43	STRIPED MEDIAN	DOUBLE 4"	75.9					
37+87.40	ТО	37+87.40	LT TURN LANE	LARGE LEFT TURN ARROW	15.6					
37+99.71	ТО	40+82.78	SKIP-DASHED CENTER LANE LINE	SKIP-DASH			71.1			
38+52.08	TO	38+52.08	LT TURN LANE	LARGE LEFT TURN ARROW	15.6					
38+59.05	TO	38+59.05	2-WAY LT LANE	LARGE BIDIRECTIONAL TURN LT		31.2				
38+82.15	ТО	40+82.48	STRIPED MEDIAN	DOUBLE 4"				400.7		
38+82.15	ТО	41+03.64	STRIPED MEDIAN	DOUBLE 4"	292.26					
39+13.79	ТО	39+13.79	OUTSIDE THROUGH LANE	LARGE THROUGH ARROW	11.5					
39+13.95	ТО	39+13.95	INSIDE THROUGH, LEFT LANE	LARGE THROUGH, LEFT ARROW	26					
39+42.19	ТО	40+82.64	LT LANE EDGE LINE (RT)	SINGLE				140.5		
39+48.92	ТО	40+80.86	SKIP-DASHED CENTER LANE LINE	SK I P - DASH			40.0			
39+67.04	ТО	36+67.04	LT LANE	LARGE LEFT TURN ARROW		15.6				
39+91.50	TO	39+91.50	OUTSIDE THROUGH LANE	LARGE THROUGH ARROW	11.5					
39+92.33	ТО	39+92.33	INSIDE THROUGH, LEFT LANE	LARGE THROUGH, LEFT ARROW	26					
40+60.11	ТО	40+60.11	INSIDE THROUGH, LEFT LANE	LARGE THROUGH, LEFT ARROW	26					
40+59.09	ТО	40+59.09	LT LANE	LARGE LEFT TURN ARROW		15.6				
40+82.48	TO	40+82.48	STOP BAR RT	SINGLE						51.1
40+84.18	TO	40+84.18	STOP BAR RT	SINGLE	74.1					
40+84.83	TO	40+98.95	CROSSWALK LINES	SINGLE					213.6	
41+88.82	TO	41+98.06	CROSSWALK LINES	SINGLE	74.6				212.7	
42+01.91	TO	42+01.91	STOP BAR LT	SINGLE	74.6					
42+03.23	TO	43+12.71	LANE DIVIDER	SINGLE 4"	36.5		115.0			
42+05.03 42+05.03	TO	43+20.03	LT LANE EDGE LINE (LT)	SINGLE			115.0			
42+05.03	TO	42+05.03	SKIP-DASHED CENTER LANE LINE	S I NGLE S I NGLE			56.5			37.5
42+05.03	TO TO		STOP BAR LT STOP BAR LT							12.0
42+05.03	TO	42+05.03 43+80.03	STRIPED MEDIAN	SINGLE DOUBLE 4"				350.0		12.0
42+03.03	ТО	44+24.10	SKIP-DASHED CENTER LANE LINE	SKIP-DASH			50.0	330.0		
42+30.08	ТО	42+30.08	LT LANE	LARGE LEFT TURN ARROW		15.6	30.0			
42+30.08	ТО	42+30.08	OUTSIDE THROUGH LANE	LARGE THROUGH ARROW	11.5	13.0				
42+32.00	ТО	42+32.08	INSIDE THROUGH, LEFT LANE	LARGE THROUGH, LEFT ARROW	26.0					
42+95.03	ТО	42+95.03	LT LANE	LARGE LEFT TURN ARROW	20.0	15.6				
42+98.48	ТО	42+98.48	OUTSIDE THROUGH LANE	LARGE THROUGH ARROW	11.5	13.0				
43+00.95	то	43+00.95	INSIDE THROUGH, LEFT LANE	LARGE THROUGH, LEFT ARROW	26.0					
45100.55	10	43100.33	TNSTBE THROUGH, EET EARE	SINGLE 4"	20.0			437.1		
43+80.03	то	48+17.16	2-WAY LT LANE (RT)	SKIP DASH				109.3		
				SINGLE 4"				437.1		
43+80.03	ТО	48+17.16	2-WAY LT LANE (LT)	SKIP DASH				109.3		
43+86.09	ТО	43+86.09	OUTSIDE THROUGH LANE	LARGE THROUGH ARROW	11.5					
43+87.68	ТО	43+87.68	INSIDE THROUGH, LEFT LANE	LARGE THROUGH, LEFT ARROW	26.0					
43+91.84	ТО	44+93.49	STRIPED MEDIAN	DOUBLE 4"	142.5					
44+03.39	ТО	44+03.39	2-WAY LT LANE	LARGE BIDIRECTIONAL TURN LT		31.2				
45+70.62	ТО	48+17.16	STRIPED MEDIAN	DOUBLE 4"	331.5					
45+98.39	ТО	48+98.39	2-WAY LT LANE	LARGE BIDIRECTIONAL TURN LT		31.2				
BELT WEST									I	
143+28.87	то	143+28.87	STOP BAR - EB	SINGLE						52.0
143+33.48	ТО	143+41.28	CROSSWALK LINES	SINGLE					191.8	22.0
144+47.39	TO	144+55.41	CROSSWALK LINES	SINGLE					184.9	
		144+59.85	STOP BAR - WB	SINGLE						54.6
144+59.85	TO	144+39 03 1								



USER NAME = mschwierjohn	DESIGNED	-	MLS	REVISED	-
	DRAWN	-	DL	REVISED	-
PLOT SCALE = 2.0000 / in.	CHECKED	-	JWS	REVISED	-
PLOT DATE = 8/24/2022	DATE	-	AUG 2022	REVISED	-
7,5 7,5 7,5 7,5 7,5 7,5 7,5 7,5 7,5 7,5					

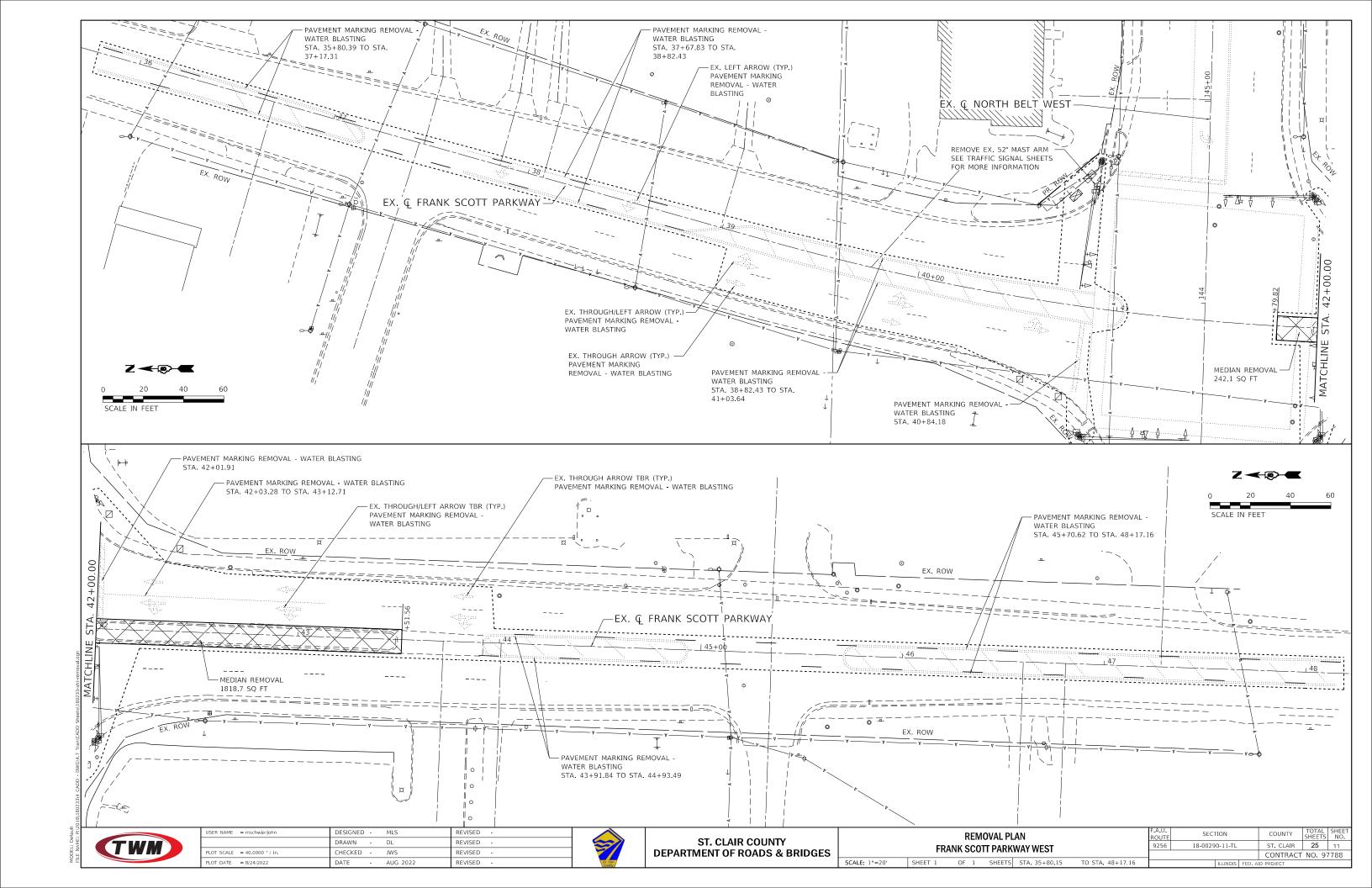


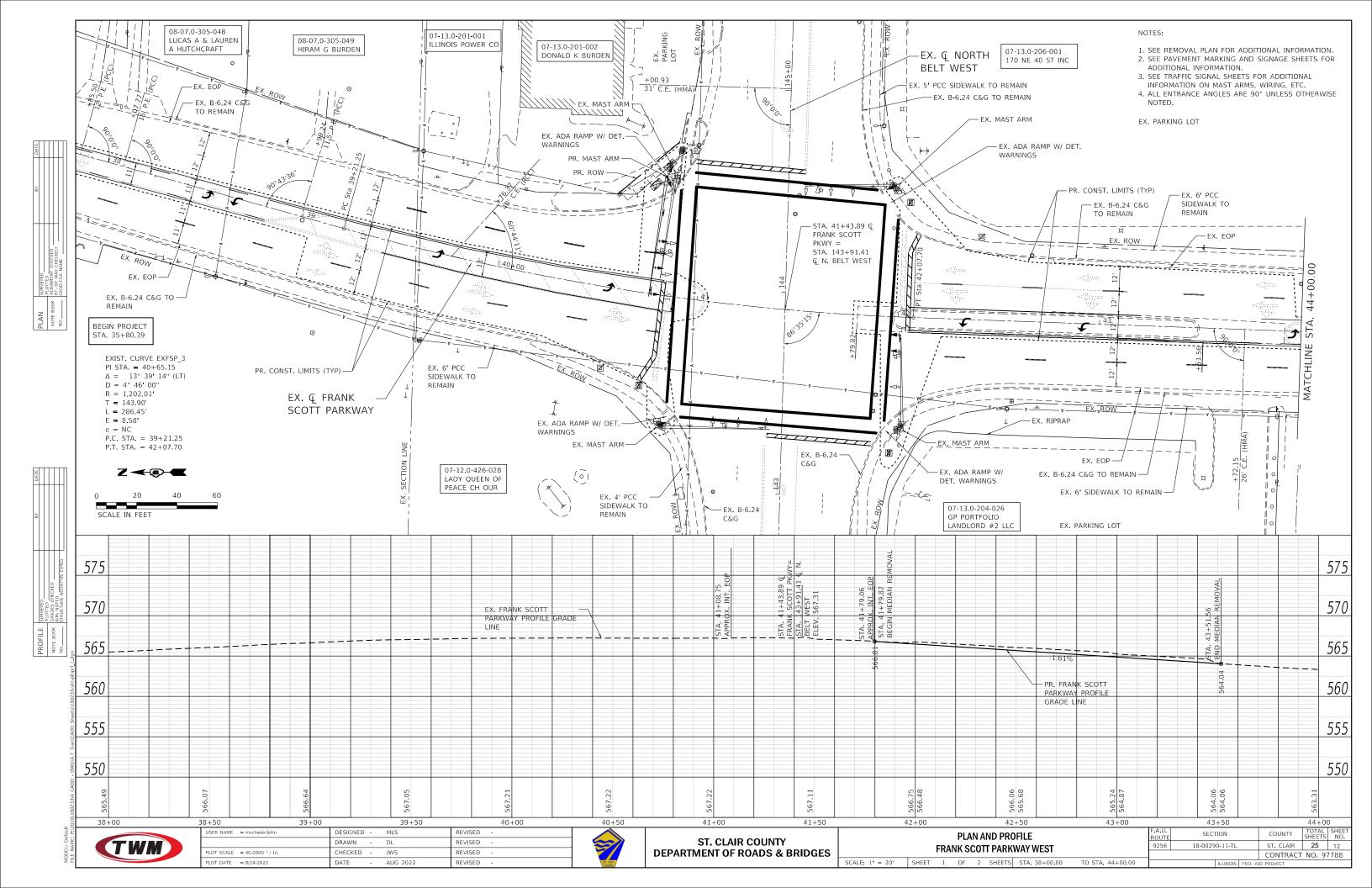
ST. CLAIR COUNTY
DEPARTMENT OF ROADS & BRIDGES

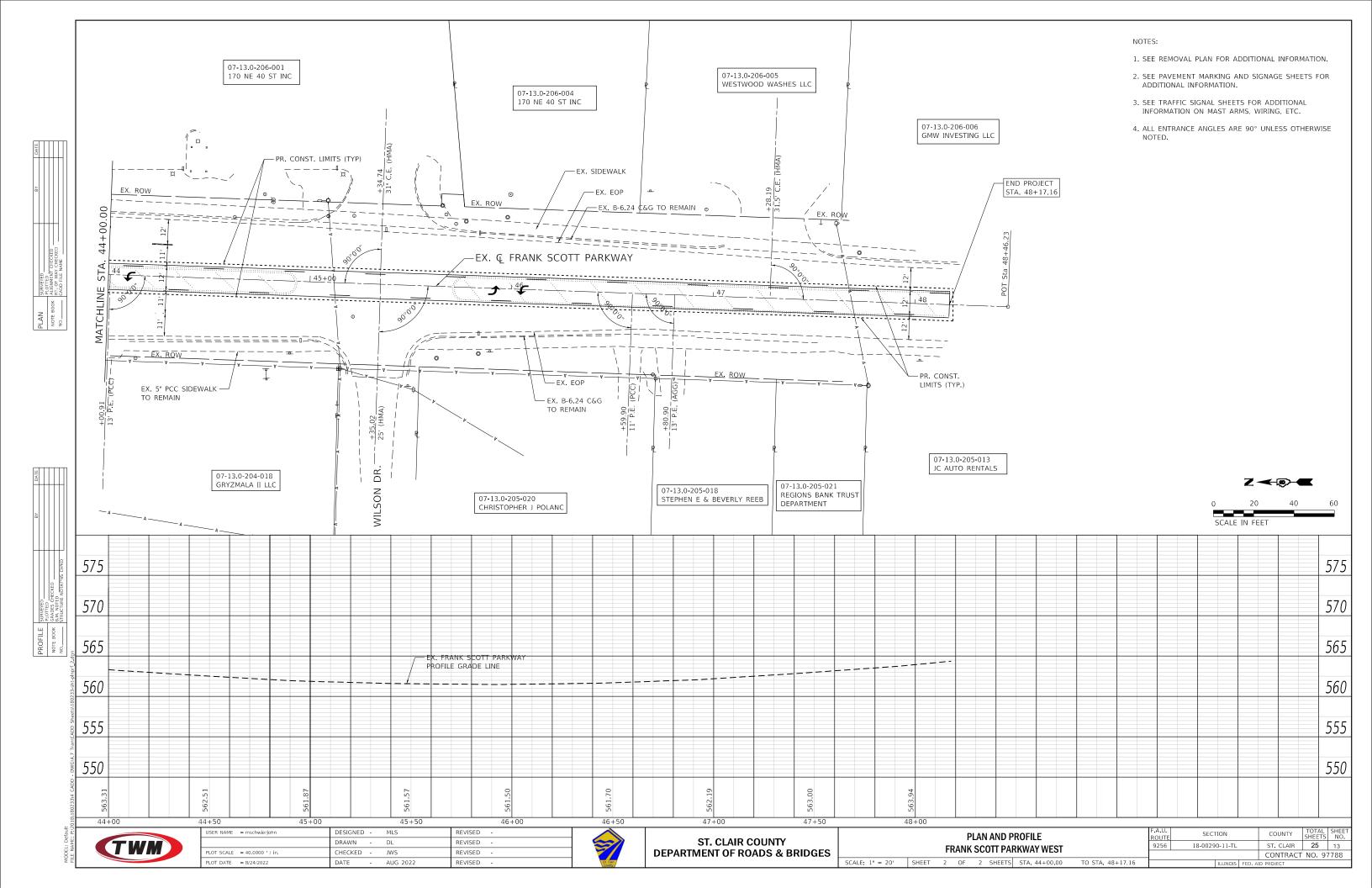
		,	ALIED		- 0- 011	A BITITIC		ROUTE	
		:	CHED	ULI	E OF QU	ANTITIES	•	9256	
SCALE: NTS	SHEET	2	OF	2	SHEETS	STA.	TO STA.		

COUNTY TOTAL SHEET NO.

ST. CLAIR 25 10 SECTION 18-00290-11-TL CONTRACT NO. 97788







SUBMITTAL DATE

02/15/2022

SPACE RESERVED FOR RECORDING OFFICER

PLAT OF HIGHWAYS

ST CLAIR COUNTRY HIGHWAY DEPARTMENT FAU 9257/ROUTE 9257 FRANK SCOTT PARKWAY/NORTH BELT WEST

> SECTION 18-00290-11-TL PROJECT NO. AB9N(513) ST. CLAIR COUNTY, ILLINOIS JOB NO. R-98-007-22

T. 1 N.

S 52ND ST

REGENCY CT

A

A

LOO

S 47TH ST

N BELT W

END PROJECT
STA. 141+65.91

WILSON DR

WILSON DR

WILSON DR

MEMORY LN

MEMORY LN

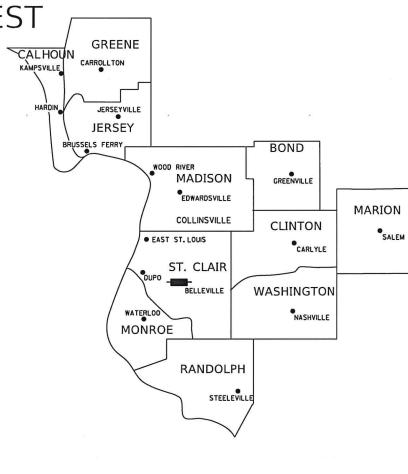
MEMORY LN

PROJECT LENGTH = 443 LIN. FT. = 0.08 MILES

I HEARBY CERTIFY THAT THIS IS A CORRECT PLAT OF FRANK SCOTT PARKWAY WEST, COUNTY HIGHWAY 46, CONSTRUCTION SECTION 18-00290-11-TL AS SURVEYED AND STAKED FOR ST. CLAIR COUNTY, ILLINOIS

NORMAN ETLING, PE, COUNTY ENGINEER

	SHEET	INDEX	
SHEET NO.	STATION to STATION	PARCEL(S)	
1	COVER SHEET		
2	LEGEND SHEET		
3	144+46.35 - 144+73.95	8207041	
4	CONTROL TIE SHEET		



LOCATION OF SECTION INDICATED THUS: -

3

88

ď

PREPARED BY: THOUVENOT, WADE & MOERCHEN, INC.

CORPORATE OFFICE 4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.6688



IDPR DESIGN FIRM LICENSE NO. 184-001220

Edgar M- Barnel

EDGAR M. BARNAL, PLS #2750 LICENSE EXPIRATION DATE: 11/30/2022

SHEET 1 OF 4

LEGEND FOR EXISTING TOPOGRAPHIC SYMBOLS

TRAFFIC SIGNAL GULFBOX	0	DRAINAGE FLOW LINE	ቪ
TRAFFIC SIGNAL HANDHOLE	5	RIP RAP	20000000000000000000000000000000000000
TRAFFIC SIGNAL SIGNAL POST	0	HEADWALL	_
TRAFFIC SIGNAL STEEL MAST ARM	0	CULVERT END SECTION	∢
TRAFFIC SIGNAL PEDESTRIAN PUSH BUTTON	•	DRAINAGE MANHOLE	0
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	20	SHRUB	0
TRAFFIC SIGNAL HEAVY DUTY HANDHOLE	Œ	EVERGREEN TREE	ø
RAILROAD CANTILEVER MAST ARM	NOT H	DECIDUOUS TREE	0
RAILROAD CROSSBUCK	*	WOODS/BUSH LINE	
RAILROAD TRACK	#	TRAFFIC SIGN	þ
RAILROAD TRACK (ABANDONED)	===	GUARDRAIL POST	•
RAILROAD CROSSGATE	X0E-	GUARDRAIL	
RAILROAD CONTROL BOX	⊠	FIELD LINE	E
RAILROAD FLASHING SIGNAL	Hok	LEVEE/NOISE BARRIER	шшшшш
UTILITY TELEPHONE SPLICE BOX	B	FENCE	<u></u>
UTILITY POWER POLE	-0-	MAIL BOX	Ρ
UTILITY TRAFFIC SIGNAL	Φ	ADVERTISING SIGN	þ
UTILITY LIGHT POLE	¤	MARSH	يسلطو
UTILITY FIRE HYDRANT	Д	LIGHTING HANDHOLE	Ø
UTILITY MANHOLE	0	LIGHTING POWER POLE	-0-
UTILITY TELEPHONE POLE	-	LIGHTING JUNCTION BOX	0
UTILITY GUY ANCHOR	← .	LIGHTING HEAVYDUTY, HANDHOLE	R ,
UTILITY PIPELINE WARNING SIGN	þ	LIGHTING CONTROLLER	23
UTILITY HANDHOLE		LIGHTING PULL POINT	@
UTILITY SPLICE BOX	B	HIGHWAY LIGHTING ELECTRICAL GROUND	→
UTILITY JUNCTION BOX	0	HIGHWAY LIGHTING SINGLE UNIT	○
UTILITY HEAVY DUTY HANDHOLE	110	HIGHWAY LIGHTING DOUBLE UNIT	$\bigcirc - \bigcirc$
UTILITY DOUBLE HANDHOLE	ZZ	EXISTING CONCRETE BARRIER	
UTILITY CONTROLLER	⊠	EXISTING CREEK OR DITCH	
UTILITY WATER METER	0	EXISTING EDGE OF PAVEMENT	

BASIS OF COORDINATE & BEARING STATEMENT

BASIS OF BEARINGS AND COORDINATES: ALL DISTANCES AND COORDINATES SHOWN HEREON ARE GROUND (GRID SCALED) VALUES AND REFERENCED TO ILLINOIS STATE PLANE COORDINATE SYSTEM, WEST ZONE. LINEAR UNIT: US SURVEY FEET (SFT)

GEODETIC DATUM: NAD 83 (2011) VERTICAL DATUM: NAVD 88 (GEOID12B)

PROJECT LOCATION:

LATITUDE: 38°32'29.37887"N FALSE NORTHING: 0.00 SFT LONGITUDE: 90°02'11.12033"W

EASTING: 2333835.189 SFT

NORTHING: 682679.316 SFT

FALSE EASTING: 0.00 SFT HEIGHT: 473.25 FT

ELEV: 573.99 FT CM SCALE FACTOR: 1.0000798274

FIELD WORK COMPLETED ON AUGUST 22, 2019.

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

COORDIN	IATES ESETABLIS	SHED BY THOU	IVENOT, WADE & MOERCHEN, INC.
		JOB NO. 1	80233
POINT NO.	NORTH (FEET)	EAST (FEET)	DESCRIPTION
00 4000	400 400 574		

JOB NO. 180233								
POINT NO.	NORTH (FEET)	EAST (FEET)	DESCRIPTION					
CP #203	682,629.578	2,333,661.983	SET IRON PIN W/ TWM CONTROL CAP					
CP #204	682,841.162	2,333,650.649	SET IRON PIN W/ TWM CONTROL CAP					
CP #206	682,917.653	2,333,805.505	SET IRON PIN W/ TWM CONTROL CAP					
CP #207	682,703.25	2,333,891.146	SET IRON PIN W/ TWM CONTROL CAP					

RIGHT-OF-WAY LEGEND

CORNERS



QUARTER

EXISTING CENTERLINE EXISTING RIGHT-OF-WAY LINE FORMER RIGHT-OF-WAY LINE EXISTING IDOT EASEMENT LINE EXISTING EASEMENT LINE ----- BUILDING SETBACK LINE

—AC — 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 PERMANENT EASEMENT LINE

 SECTION LINE OUARTER SECTION LINE

- QUARTER QUARTER SECTION LINE PROPERTY LINE (TITLE) RECORDED PLAT/DEED LINE APPARENT PROPERTY LINE

SAME OWNERSHIP 121.45' MEASURED DIMENSION (121.45')RECORDED DIMENSION

FOUND IRON PIPE OR IRON ROD AT CORNER UNLESS OTHERWISE NOTED SET 5/8 INCH IRON ROD WITH PLASTIC

FOUND STONE

CAP IDENTIFIED BY SURVEYORS LICENSE NUMBER AT CORNER UNLESS OTHERWISE

PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 667101 (TO BE SET BY OTHERS)

SET 5/8 INCH IRON ROD AS SURVEY CONTROL UNLESS OTHERWISE NOTED FOUND CUT CROSS

STAKING OF PROPOSED RIGHT-OF-WAY AND PERMANENT EASEMENT CORNERS, SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY ALUMINUM CAP TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY

SET CUT CROSS

INSCRIPTION DATA AND SURVEYORS LICENSE NUMBER

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

TOTAL HOLDING AREA SOURCE TABLE

	AREA ACCORDING TO THE SURVEY PERFORMED BY THE CONSULTANT.
	AREA LISTED IN RECORDED DEED.
3	AREA ACCORDING TO A RECORDED SUBDIVISION PLAT.
	AREA ACCORDING TO A PLAT OF SURVEY.
	AREA CALCULATED FROM RECORDED DEEDS OR TITLE COMMITMENTS - NOT SURVEYED.
	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 COMPLETED BY THOUVENOT, WADE, AND MOERCHEN, INC. ON AUGUST 22, 2019.

LEGEND FOR ABBREVIATIONS

/C	ACCESS CONTROL
С	ACRE
VE	AVENUE
K	воок
LVD	BOULEVARD
	CENTERLINE
AB	CABINET
Н	COUNTY HIGHWAY
h	CHAIN
Р	CONTROL POINT
PS	COTTON PICKER SPINDL
В	DEED BOOK
	EAST
X	EXISTING
A	FEDERAL AID
ΑI	FEDERAL AID INTERSTAT
AP	FEDERAL AID PRIMARY

FEDERAL AID SECONDARY

FEDERAL AID URBAN

FOUND

HECTARE

IRON PIPE

IRON ROD

SQUARE METERS

NAIL AND CAP

NORTHEAST

NORTHWEST

PLAT BOOK

PAGE

NAIL AND WASHER

NOW OR FORMERLY

NAIL AND BOTTLE CAR

POINT OF BEGINNING

POINT ON TANGENT

PROPERTY LINE

PROPOSED

RANGE

ROAD

ROUTE

SOUTH

RECORD

RAILROAD

RIGHT-OF-WAY

POINT OF COMMENCEMENT

METER

NORTH

FAS

FAU

FND

m²

N & BC

N & W

NW

PB

PG

POB

POC

POT

PR

RD

REC

ROW

RR

RRS

RT

RTF

SBI

SE

SEC

ST STA SMK SW

TR

CLAIR COUNTY, ILLINOIS

USGS

NORMAN ETLING, PE, COUNTY ENGINEER

SQ FT SR

PROPOSED PARCEL NUMBER LEGEND PROPOSED FEE SIMPLE ACQUISITION

[8101011PE] PROPOSED PERMANENT EASEMENT 8101011TE PROPOSED TEMPORARY EASEMENT 8101011DED PROPOSED DEDICATION 8101011AC PROPOSED ACCESS CONTROL LINE

CURVE ABBREVIATIONS

SUBMITTAL DATE

SPACE RESERVED FOR RECORDING OFFICER

02/15/2022

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
СВ	CHORD BEARING
С	CHORD LENGTH
D	DEGREE OF CURVE
E	EXTERNAL ORDINATE
٨	CENTRAL ANGLE

PREPARED BY: THOUVENOT, WADE & MOERCHEN, INC.

CORPORATE OFFICE CORPURATE OFFICE
SPAN, Old Collinsville Road
SWarson, Illinois 62226
Warson, Illinois 62226
R M. B Tel: 612624.4488
Fluid 1824.6688 RAILROAD SPIKE IDPEDESIGN FIRM LICENSE NO. 184-001220 SOUTHEAST
SECTION
SQUARE FEET
STATE ROUTE
STREET

STREET

SURVEY
STATE OF
ILLINOIS
STATE OF
ILLINOIS
STATE ROUTE
STREET

STREET

STREET

STREET

SURVEY
STATE OF
ILLINOIS
STAT STATE BOND STUE

ILLINOIS DEPARTMENT OF TRANSPORTATION **PLAT OF HIGHWAYS**

FAU ROUTE 9257 SECTION 18-00290-11-TL ST. CLAIR COUNTY JOB NO. R-98-007-22

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

COUNTY TOTAL SHEE ST. CLAIR 25 15 18-00290-11-TL CONTRACT NO. 97788 ILLINOIS | FED. AID PROJECT

COMPLETION DATE OF FIELD WORK PERFORMED LAND SURVEY: 08/22/2019 ROW STAKING: XX/XX/XXXX

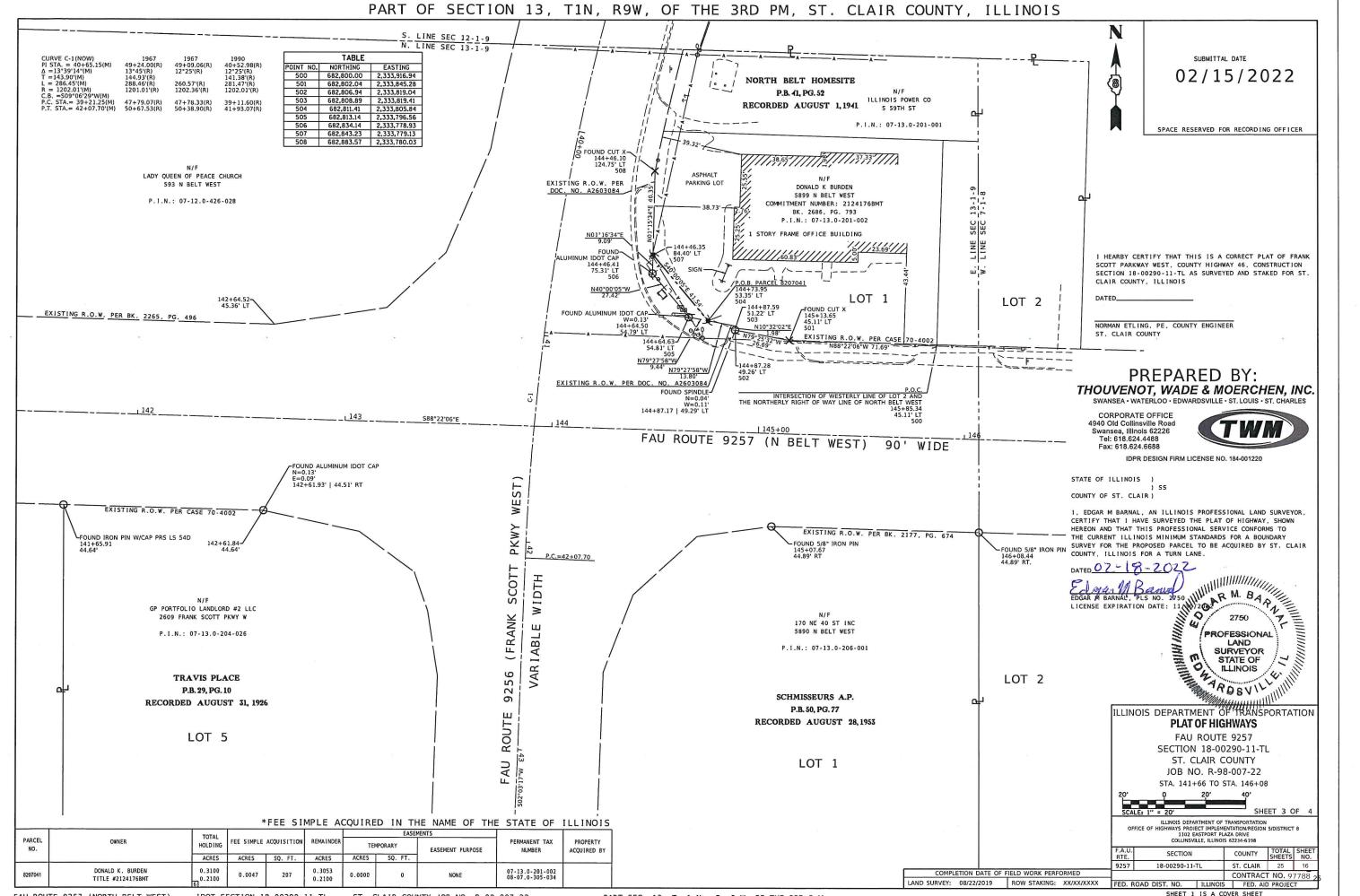
TOWNSHIP ROAD

WEST

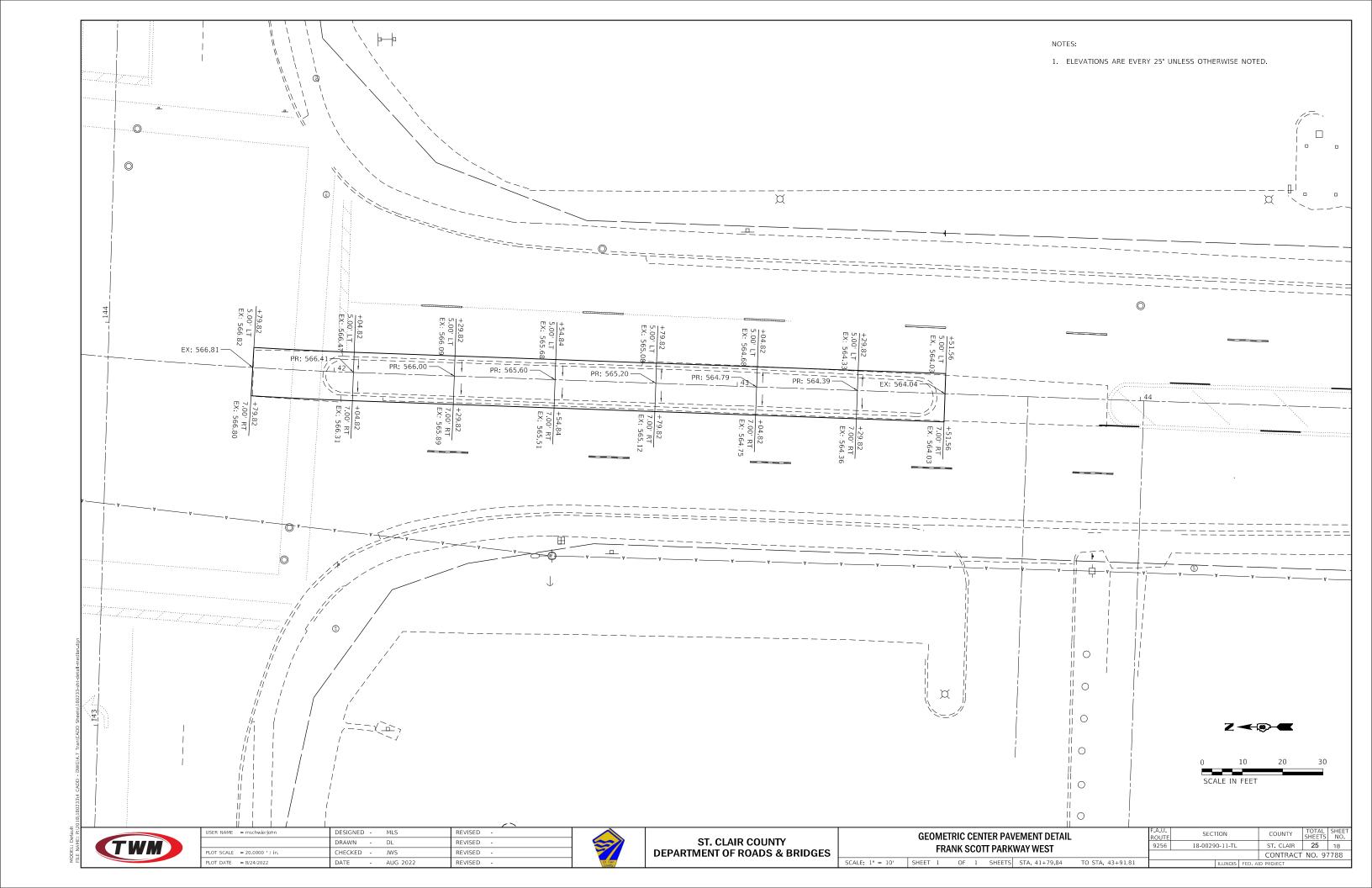
I HEARBY CERTIFY THAT THIS IS A CORRECT PLAT OF FRANK SCOTT PARKWAY WEST. COUNTY HIGHWAY 46. CONSTRUCTION

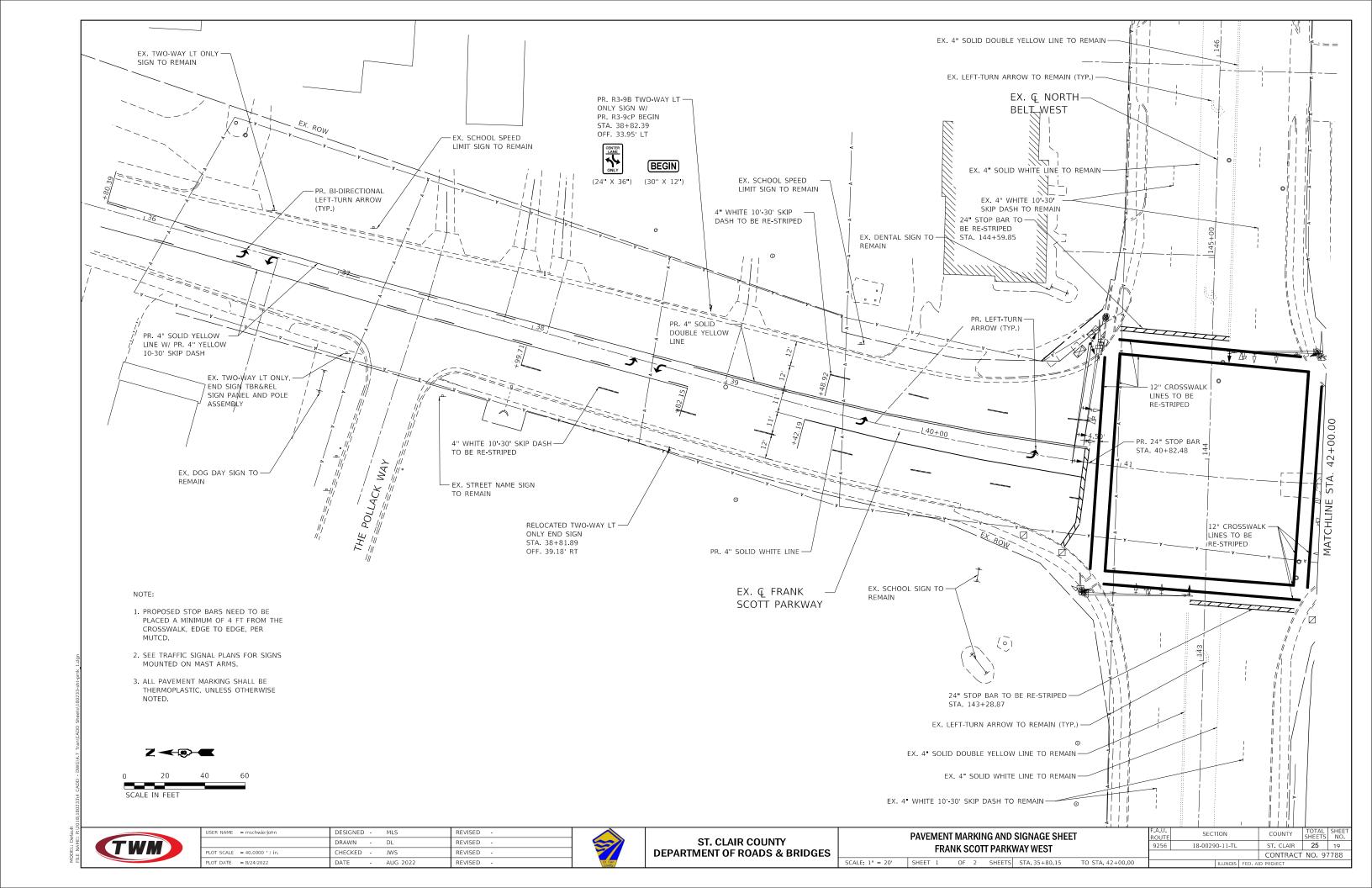
SECTION 18-00290-11-TL AS SURVEYED AND STAKED FOR ST.

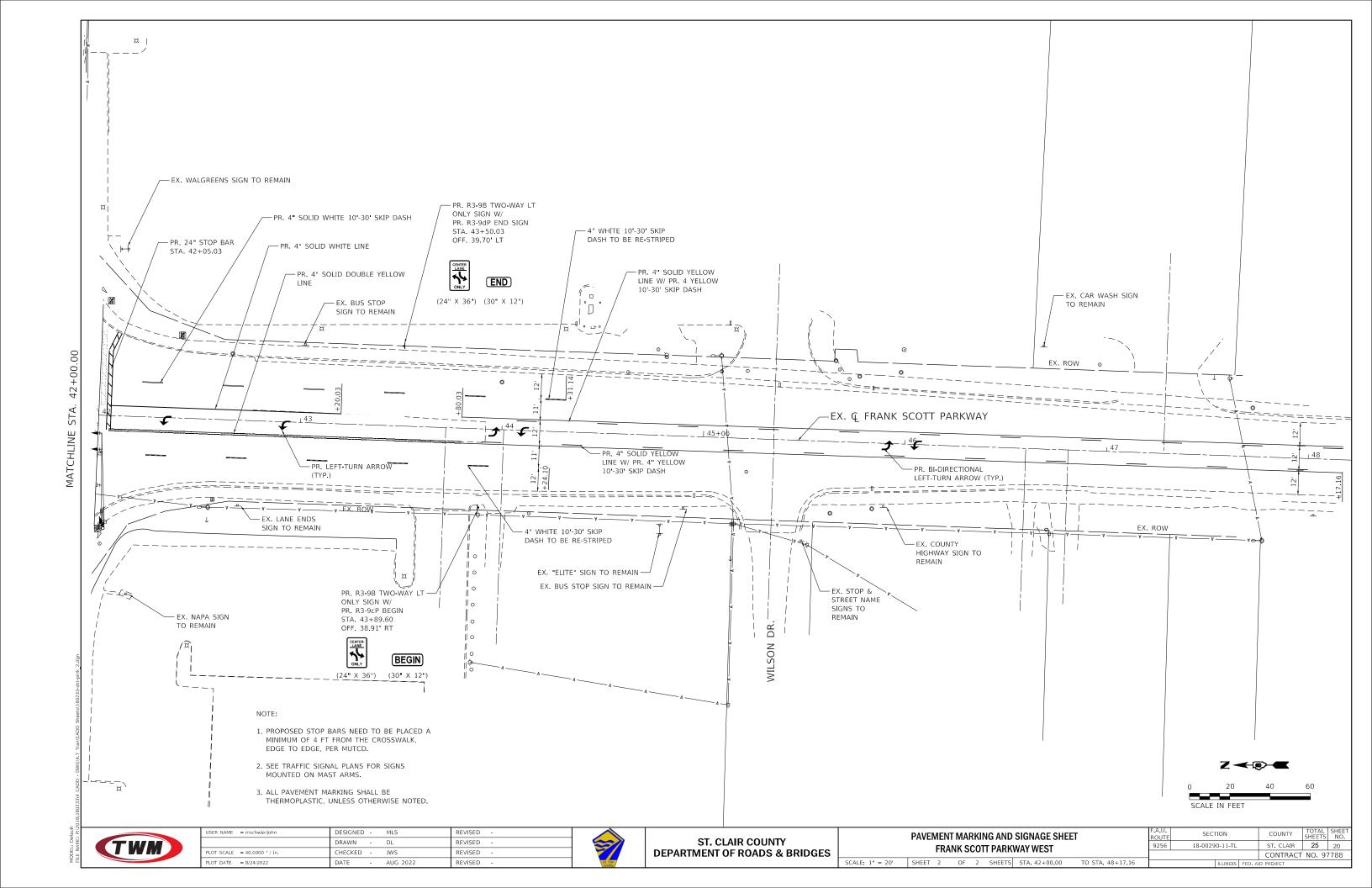
U.S. GEOLOGICAL SURVEY



PART OF SECTION 13, T1N, R9W, OF THE 3RD PM, ST. CLAIR COUNTY, ILLINOIS TRAFFIC SIGNAL FOUND IDOT ROW MONUMENT WITH ALUMINUM CAP BACK OF CURB --SUBMITTAL DATE 02/15/2022 -CABLE WARINING SIGN FND IRON PIN W/CAP PRS LS 54D CP #204 STA: 143+17.98 | OFFSET: 78.67 LT CP #203 CP #206 STA: 39+71.23 | OFFSET: 58.93 LT CP #207 STA: 145+62.31 OFFSET: 52.34 RT STA: 142+00.00 | OFFSET: 0.00' RT STA: 42+76.83 | OFFSET: 53.41 RT N=682,629.578, E=2,333,661.983 N=682,841.162, E=2,333,650.649 N=682.917.653, E=2.333.805.505 N=682,703,25, E=2,333,891,146 FND 1" RON PIPE I HEARBY CERTIFY THAT THIS IS A CORRECT PLAT OF FRANK SCOTT PARKWAY WEST, COUNTY HIGHWAY 46, CONSTRUCTION SECTION 18-00290-11-TL AS SURVEYED AND STAKED FOR ST. CLAIR COUNTY, ILLINOIS FND 5/8" IRON PIN-CP#207 BACK OF NORMAN ETLING, PE, COUNTY ENGINEER ST. CLAIR COUNTY STA: 143+91.06 | OFFSET: 0.00' RT N BELT WEST STA: 146+00 | OFFSET: 0.00' RT STA: 41+43.90 @ FRANK SCOTT PARKWAY PREPARED BY: THOUVENOT, WADE & MOERCHEN, INC. CORPORATE OFFICE 4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.6688 IDPR DESIGN FIRM LICENSE NO. 184-001220 STATE OF ILLINOIS) COUNTY OF ST. CLAIR) 1, EDGAR M BARNAL, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, CERTIFY THAT I HAVE SURVEYED THE PLAT OF HIGHWAY, SHOWN HEREON, FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL TO BE ACQUIRED BY ST. CLAIR COUNTY, ILLINOIS FOR A TURN PROFESSIONAL LAND SURVEYOR STATE OF RLINOIS LICENSE EXPIRATION DATE: 11/30/2022 ILLINOIS DEPARTMENT OF TRANSPORTATION **PLAT OF HIGHWAYS** FAU ROUTE 9257 SECTION 18-00290-11-TL ST. CLAIR COUNTY JOB NO. R-98-007-22 STA. 141+66 TO STA. 146+08 COUNTY TOTAL SHEET NO. SECTION ST. CLAIR 25 17 COMPLETION DATE OF FIELD WORK PERFORMED CONTRACT NO. 97788 LAND SURVEY: 08/22/2019 ROW STAKING: XX/XX/XXXX FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT SHEET 1 IS A COVER SHEET FAU ROUTE 9257 (NORTH BELT WEST) IDOT SECTION 18-00290-11-TL ST. CLAIR COUNTY JOB NO. R-98-007-22 PART SEC. 13, T. 1 N., R. 9 W. OF THE 3RD P.M.







GENERAL NOTES

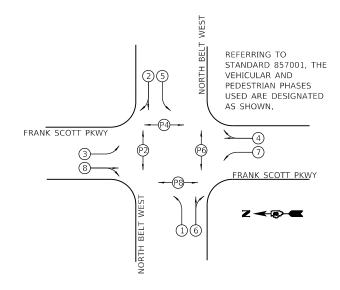
- TRAFFIC SIGNALS SHALL BE OPERATIONAL AND ALL TRAFFIC SIGNAL WORK SHALL BE COMPLETED DURING THE FRANK SCOTT PARKWAY WEST IMPROVEMENTS.
- ALL VEHICLE SIGNAL HEADS SHALL BE POLYCARBONATE AND SHALL HAVE 12" L.E.D. SECTIONS. ALL MOUNTING HARDWARE SHALL BE ALUMINUM. ALL BOLTS, SCREWS, NUTS, AND WASHERS SHALL BE STAINLESS STEEL. ANTI-SIEZE PASTE COMPOUND SHALL BE USED ON ALL MOUNTING HARDWARE FIELD CONNECTIONS.
- ALL MAST ARM MOUNTED SIGNAL HEADS SHALL HAVE BACKPLATES. BACKPLATES SHALL BE PLASTIC AND YELLOW.
- THE LOCATION OF THE MAST ARM SUPPORTS SHALL BE APPROVED BY THE IDOT BEFORE FOUNDATIONS ARE CONSTRUCTED. MAST ARM POLES SHALL BE LOCATED A MINIMUM OF 10 FEET FROM THE EDGE OF PAVEMENT OR 2 FEET FROM THE EDGE OF SHOULDER, WHICHEVER DISTANCE IS GREATER. IN CURBED SECTIONS, THE MAST ARM POLES SHALL BE LOCATED A MINIMUM OF 5 FEET FROM THE FACE OF THE CURB. THESE DISTANCES ARE TO THE NEAR FACE OF THE MAST ARM.
- ALL TRAFFIC SIGNAL CABLES SHALL BE #14 AWG STRANDED COPPER UNLESS OTHERWISE SPECIFIED. TERMINAL ENDS SHALL HAVE CRIMPED-ON FORK TONGUE CONNECTORS.
- THE LOCATION OF ALL DETECTOR LOOPS SHALL BE APPROVED BY THE IDOT BEFORE ANY SLOTS ARE SAWED IN THE PAVEMENT.
- DETECTOR LOOP LEAD-IN SPLICES SHALL BE MADE IN A HANDHOLE PER ARTICLE 873.03 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STANDARD DRAWING 886001. CONDUCTORS SHALL BE SPLICED IN A RIGID MOLD. ROSIN-CORE SOLDER SHALL BE USED.
- CALL DELAY SHALL NOT FUNCTION WHEN THE RELATED PHASES ARE IN THE GREEN MODE.
- ALL HANDHOLES SHALL BE CAST-IN-PLACE PORTLAND CEMENT CONCRETE (PER ARTICLE 814.03(A)). THE CAST-IN-PLACE LEGEND ON THE COVER SHALL BE "TRAFFIC SIGNALS". SLOPE HANDHOLE COVERS TO MATCH PROPOSED GRADE ELEVATIONS.
- 10. ALL INDUCTIVE LOOP DETECTORS SUPPLIED FOR THIS PROJECT SHALL HAVE THE CAPACITY OF OPERATING WITH BOTH DELAY AND EXTENSION MODES ACTIVE. IF A TIME SETTING IS PROGRAMMED, THEY SHALL BE RACK MOUNTED.
- CABLE MARKING TAPE SHALL BE INCLUDED WITH THE PAY ITEM "UNDERGROUND CONDUIT" AND INSTALLED PER ARTICLE 810.04 OF THE 11. STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION.
- A 1/4" DIAMETER CONTINUOS NYLON PULL ROPE SHALL BE FURNISHED AND INSTALLED IN ALL CONDUITS. THIS WORK SHALL BE INCLUDED WITH THE CONDUIT PAY ITEMS.
- QUADRUPLE DETECTOR LOOPS SHALL HAVE 3 TURNS WITH SIX WIRES IN THE CENTER SLOT. 13.
- 14. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT TO BE REMOVED SHALL REMAIN THE PROPERTY OF IDOT AND SHALL BE DELIVERED TO THEIR MAINTENANCE FACILITY LOCATED AT 9601 ST. CLAIR AVENUE, FAIRVIEW HEIGHTS.
- LOCATE UNDERGROUND CABLES PRIOR TO ATTEMPTING TO CONSTRUCT THIS PROJECT. 15.
- EXISTING TRAFFIC SIGNAL EQUIPMENT AND CONCRETE FOUNDATION SHALL BE REMOVED IN ACCORDANCE WITH THE RESPECTIVE SPECIAL 16. PROVISIONS. THE CONDUIT SHALL BE ABANDONED IN PLACE AND THE CABLES SHALL BE REMOVED.
- THE FOLLOWING IDOT STANDARDS SHALL APPLY TO CONSTRUCTION OF THE SIGNALS: 000001-08, 720016-04, 838001-01, 857001-01, 17. 873001-02, 877002-04, 878001-11, 880006-01, 886001-01, 886006-01.

CODE NUMBER	ITEM	UNIT	QUANTITY
72000100	SIGN PANEL - TYPE 1	SQ FT	15.00
80300100	LOCATING UNDERGROUND CABLE	FOOT	545
81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	35
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	5
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	106
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	126
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1660
87301305	ELECTRIC CABLE IN CONDUIT, LEAD IN, NO. 14 1 PAIR	FOOT	459
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	22
87700400	STEEL MAST ARM ASSEMBLY AND POLE, 60 FT.	EACH	1
87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	21
\$804007b	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	5
8 8 2003 ø 0	TRAFFIC SIGNAL BACKPLATE, PLASTIC	EACH	5
88500520	INDUCTION LOOP DETECTOR AMPLIFIER WITH CALL DELAY AND CALL CARRY-OVER, DIGITAL DESIGN	EACH	2
886001/00	DETECTOR LOOP, TYPE I	FOOT	381
89500200	RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	2
89501420	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, COMPLETE	EACH	1
89502200	MODIFY EXISTING CONTROLLER	EACH	1
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	807
8950/2375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	1
X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	108
X03/26657	RELOCATE SIGN, SPECIAL	EACH	1
X8\$50305	REMOVE EXISTING SIGNAL HEAD	EACH	3
1			
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DETECTOR LOOP REQUIREMENTS AND CALCULATIONS INTERSECTION OF NORTH BELT WEST WITH FRANK SCOTT PARKWAY W									
LOOP	PHASE	LOOP SIZE (FT)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES	CALCULATED RESISTANCE OHMS				
FRANK SCOTT PKWY W SB LT	3	6' X 50' (Q)	3-6-3	833.74	2.675				
FRANK SCOTT PKWY W NB LT	7	6' X 50' (Q)	3-6-3	839.24	2.800				

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

EXISTING AND PROPOSED SEQUENCE OF OPERATION										
PHASE	1	2	3	4	5	6	7	8		
MOVEMENT	•	- 62				- P6	T			
CONCURRENT MOVEMENT PERMITTED	6	5 OR 6 8		7 OR 8	2	1 OR 2	4	3 OR 4		



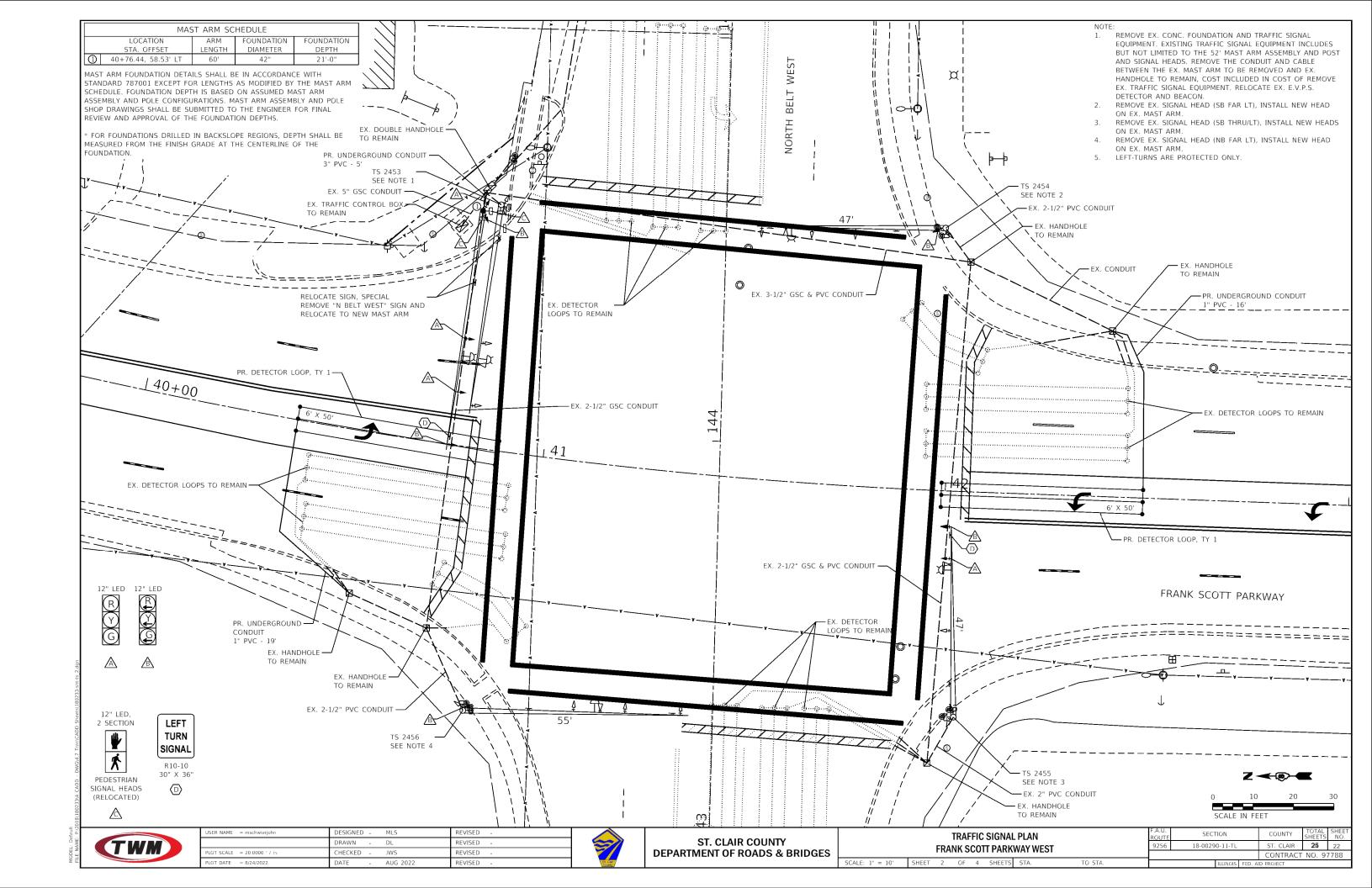


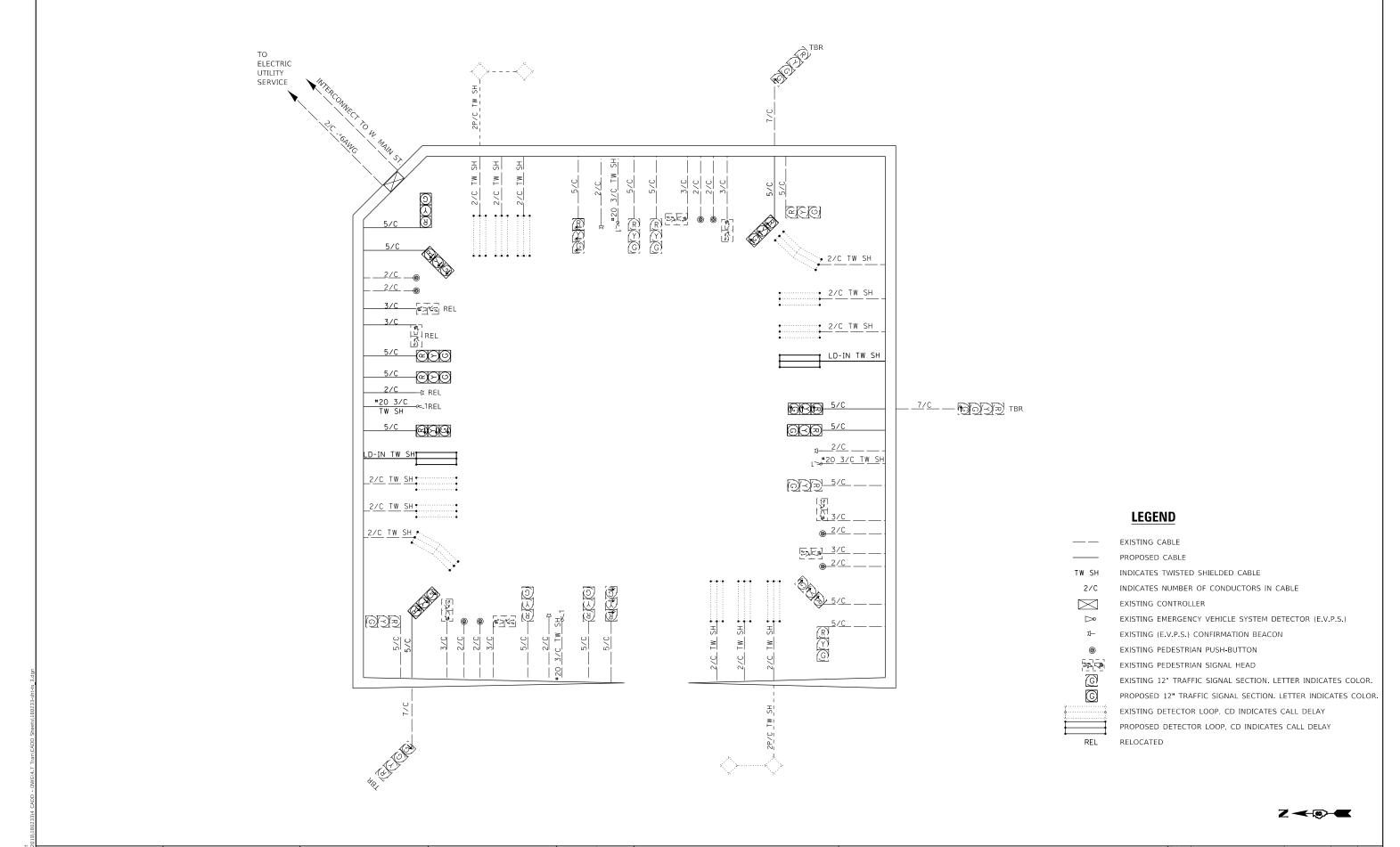
USER NAME = mschwierjohn	DESIGNED -	MLS	REVISED -	
	DRAWN -	DL	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED -	JWS	REVISED -	
PLOT DATE = 8/24/2022	DATE -	AUG 2022	REVISED -	



ST. CLAIR COUNTY
DEPARTMENT OF ROADS & BRIDGES
DEI ARTIVILITI OF ROADO & DRIDGEO

TRAFFIC SIGNAL GENERAL NOTES, SUMMARY OF QUANTITIES, & DETAILS FRANK SCOTT PARKWAY WEST						F.A.U. ROUTE	SEC.	TION	COUNTY	TOTAL SHEETS		
						9256	18-0029	0-11-TL	ST. CLAIR	25	21	
									CONTRACT	NO. 97	7788	
SCALE: NTS	SHEET 1	OF	4	SHEETS	STA.	TO STA.			ILLINOIS FED A	AID PROJECT		







JSER NAME = mschwierjohn DESIGNED -MLS REVISED DRAWN -DL REVISED LOT SCALE = 20.0000 / in. REVISED REVISED - AUG 2022



ST. CLAIR COUNTY **DEPARTMENT OF ROADS & BRIDGES**

TRAFFIC SIGNAL CABLE DIAGRAM FRANK SCOTT PARKWAY WEST SHEET 3 OF 4 SHEETS STA. TO STA.

SECTION ST. CLAIR **25** 23 9256 18-00290-11-TL CONTRACT NO. 97788



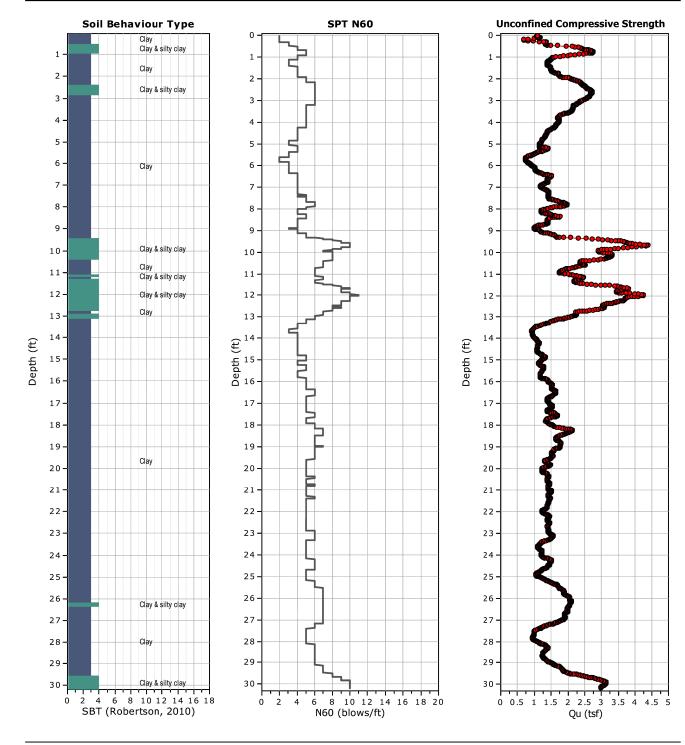
SCI Engineering, Inc.

650 Pierce Boulevard, O'Fallon, Illinois 62269 Geotechnical Engineers www.sciengineering.com

Project: Frank Scott Parkway at North Belt West (SCI No. 2019-0091.10) Location: Beleville, Illinois

Total depth: 30.18 ft, Date: 8/23/2021 Surface Elevation: 567.00 ft

CPT: B-1



CPeT-IT v.2.1.1.8 - CPTU data presentation & interpretation software - Report created on: 8/23/2021, 6:35:03 PM Project file: N:\Projects\2019\2019-0091 Frank Scott Parkway at North Belt West\GS\CPT\B-1 processed.cpt

TWM

USER NAME = mschwierjohn	DESIGNED	-	MLS	REVISED -
	DRAWN	-	DL	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED	-	JWS	REVISED -
PLOT DATE = 8/24/2022	DATE	-	AUG 2022	REVISED -



DEPARTMENT OF ROADS & BRIDGES

-					L BORINGS Way West	
SHEET	4	OF	4	SHEETS	STA.	

TO STA.

SCALE: NTS

COUNTY TOTAL SHEET NO.

ST. CLAIR 25 24 SECTION 9256 18-00290-11-TL CONTRACT NO. 97788

