11-07-2025 LETTING ITEM 065

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 5 - 10

TRAFFIC DATA

IL 159 NORTH OF LONGACRE/ASHLAND: 27,200

TOWNSHIP

CASEYVILLE

0

0

0

0

POSTED SPEED

IL-159: 35 MPH, 45 MPH



DELTA ENGINEERING GROUP, LLC CONSULTING INCINCIPED CONSTRUCTION MANAGERS, SURVEYORS 111 W JACKSON BLVD, SUITE 910 CHICAGO, IL 60604 T 312.377.7700, F 312.427 6145

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED HIGHWAY PLANS

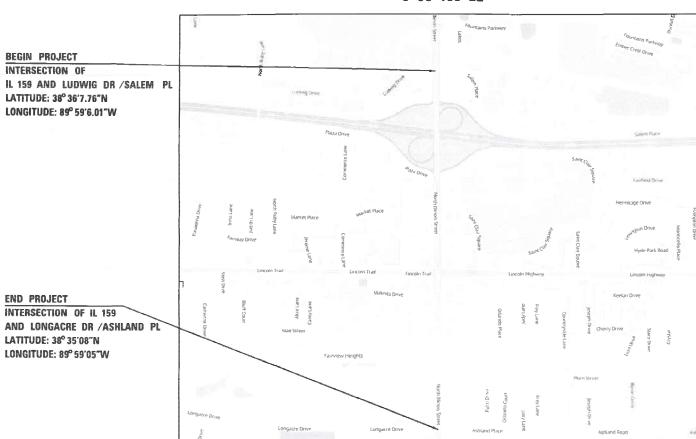
FAP ROUTE 600 (IL 159)

SECTION: (130, 130-1, 130-2)TS-3, 82-5TS

PROJECT: CMAQ-HSIP-4U5N(249)

TRAFFIC SIGNAL IMPROVEMENT ST. CLAIR COUNTY

C-98-153-22



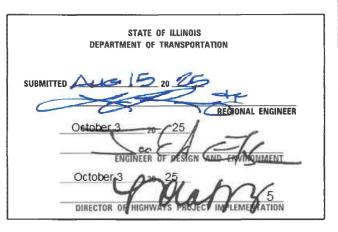
GROSS LENGTH = 6,019 FT = 1.14 MILES

NET LENGTH = 6,019 FT = 1.14 MILES

00 (130, 130-1, 130-2)TS-3, 82-5TS ST. CLAIR 47 1
| ILLINOIS CONTRACT NO. 76R78

D-98-121-22





PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

iteris' ITERIS, INC.

319 W STATE STREET, SUITE 200 GENEVA, IL 60134

IL DESIGN FIRM NO: 184007145-0002

200 PATRICK BRIEN FUNK II 062-066194

8-5-2025

P. BRIEN FUNK II EXPIRES: 11–30–2025

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

PROJECT ENGINEER: CHERYL KEPLAR
PROJECT MANAGER: RICHARD BARBEE

CONTRACT NO. 76R78

INDEX OF SHEETS

- COVER SHEET
- 2-3 GENERAL NOTES, INDEX OF SHEETS, HIGHWAY STANDARDS
- LOCATION MAP
- SUMMARY OF QUANTITIES
- 10-11 TRAFFIC SIGNALS - IL 159 AND LUDWIG DRIVE/SALEM PLACE
- SOIL IL 159 AND LUDWIG DRIVE/SALEM PLACE
- 14-15 TRAFFIC SIGNALS IL 159 AND I-64 WB RAMPS
- SOIL IL 159 AND I-64 WB RAMPS
- TRAFFIC SIGNALS IL 159 AND I-64 EB RAMPS
- SOIL IL 159 AND I-64 EB RAMPS
- TRAFFIC SIGNALS IL 159 AND MARKET PLACE/ST. CLAIR SQUARE 22-23
- SOIL IL 159 AND MARKET PLACE/ST. CLAIR SQUARE
- TRAFFIC SIGNALS IL 159 AND FAIRVIEW HEIGHTS CENTER
- SOIL IL 159 AND FAIRVIEW HEIGHTS CENTER
- 28-30 TRAFFIC SIGNALS - IL 159 AND LINCOLN HIGHWAY/LINCOLN TRAIL
- SOIL IL 159 AND LINCOLN HIGHWAY/LINCOLN TRAIL
- 33-35 TRAFFIC SIGNALS - IL 159 AND LINCOLN PLACE SHOPPING CENTER
- SOIL IL 159 AND LINCOLN PLACE SHOPPING CENTER 36-37 TRAFFIC SIGNALS - IL 159 AND LONGACRE DRIVE/ASHLAND AVENUE
- 41 SOIL - IL 159 AND LONGACRE DRIVE/ASHLAND AVENUE
- FIBER OPTIC INSTALLATION PLAN IL 159
- SYSTEM TOPO 45
- 46 NETWORK SCHEMATIC
- PEDESTRIAN PUSH BUTTON POST DETAIL

HIGHWAY STANDARDS

000001-08	701301-04	720016-04
001001-02	701601-09	873001-02
001006	701602 - 10	877001 - 08
	701701 - 10	877002-04
701001-02	701801-06	877006-06
701006-05	701901 - 10	878001-11
701106-02	720001-01	880006-01
		814006-01
		862001-01

TRAFFIC SIGNAL LEGEND

PROP. TRAFFIC SIGNAL CONTROLLER

PROP. NO. OF CONDUCTORS IN CABLE

PROP. 12" SIGNAL HEAD

PROP. GROUNDING

EX. VEHICLE DETECTOR, INDUCTION LOOP

EX. NO. OF CONDUCTORS IN CABLE

EX. 12" SIGNAL HEAD

EX. GROUND MOUNT SERVICE

EX. GROUNDING

EX. EMERGENCY VEHICLE PREEMPTION

GENERAL NOTES:

- 1. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS
- 2. NO SURVEY WAS PERFORMED FOR THIS PROJECT AND THE PLANS WERE CREATED USING AERIAL IMAGERY AND FIELD MEASUREMENTS.
- 3. ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY. ACCORDING TO THE ARTICLE 202.30 OF THE STANDARD SPECIFICATION AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COSTS OF THE UNDERGROUND CONDUIT,
- 4. THE DEPARTMENT STRONGLY ENCOURAGES THE PRIME CONTRACTOR AND THEIR APPROVED SUBCONTRACTORS 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 COURSE WORK (CARPENTRY, CONCRETE FLATWORK, BLUEPRINT READING, SITE PLAN, 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.

GAS & ELECTRIC COMMUNICATIONS

COMMUNICATIONS

COMMUNICATIONS

COMMUNICATIONS COMMUNICATIONS

SEWER & WATER

CABLE TV

SEWER COMMUNICATIONS

- 5. EXISTING UTILITY LOCATIONS SHOWN ON THESE PLANS WERE COMPILED FROM THE BEST AVAILABLE RECORDS. EXACT DISTANCES AND LOCATIONS OF UTILITIES TO BE RELOCATED HAVE NOT BEEN DETERMINED. ALL UTILITIES, EITHER SHOWN OR NOT SHOWN, IN DIRECT CONFLICT WITH THE CONSTRUCTION SHALL BE RELOCATED BY OTHERS (RESPECTIVE UTILITY COMPANY). CONTRACTORS SHALL COORDINATE WITH THE VARIOUS TO ESTABLISH EXACT LOCATIONS AND DEPTHS PRIOR TO EXCAVATING. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING AND SUPPORTING ALL UTILITIES DURING CONSTRUCTION OPERATIONS. CONTRACTOR SHALL CONTACT THE JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS (JULIE) AT 1-800-892-0123 FOR LOCATING THE VARIOUS UTILITIES DURING CONSTRUCTION.
- 6. THE CONTRACTOR SHALL NOTIFY EACH AFFECTED PROPERTY OWNER A MINIMUM OF 48 HOURS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION

LOCATION 1

LOCATION 3

IL ROUTE 159 AT I-64 EB RAMPS

CLEARWAVE COMMUNICATIONS

EVERSTREAM GLC HOLDING CO EXTENENT SYSTEMS LLC

CITY OF FAIRVIEW HEIGHTS

CASEYVILLE TOWNSHIP SEWER SYSTEM

AMEREN ILLINOIS AT&T ILLINOIS CHARTER SPECTRUM

MCI/ VERIZON CITY OF O'FALLON

BUCKEYE PARTNERS

IL ROUTE 159 AT LUDWIG DRIVE/ SALEM PLACE

AMEREN ILLINOIS	GAS & ELECTRIC
AT&T ILLINOIS	COMMUNICATIONS
CHARTER SPECTRUM	CABLE TV
CLEARWAVE COMMUNICATIONS	COMMUNICATIONS
CASEYVILLE TOWNSHIP SEWER SYSTEM	SEWER
EVERSTREAM GLC HOLDING CO	COMMUNICATIONS
EXTENENT SYSTEMS LLC	COMMUNICATIONS
CITY OF FAIRVIEW HEIGHTS	SEWER
MCI/ VERIZON	COMMUNICATIONS
LEVEL 3/ LUMEN	COMMUNICATIONS
CITY OF O'FALLON	SEWER & WATER
BUCKEYE PARTNERS	PIPELINE

LOCATION 2

IL ROUTE 159 AT I-64 WB RAMPS

AMEREN ILLINOIS AT&T ILLINOIS CHARTER SPECTRUM CLEARWAVE COMMUNICATIONS CASEYVILLE TOWNSHIP SEWER SYSTEM EVERSTREAM GLC HOLDING CO EXTENENT SYSTEMS LLC CITY OF FAIRVIEW HEIGHTS MCI/VERIZON CITY OF O'FALLON
CITY OF O'FALLON BUCKEYE PARTNERS

LOCATION 4

IL ROUTE 159 AT MARKET PLACE/ ST. CLAIR SQUARE

AMEREN ILLINOIS	GAS & ELECTRIC
AT&T ILLINOIS	COMMUNICATIONS
CHARTER SPECTRUM	CABLE TV
CLEARWAVE COMMUNICATIONS	COMMUNICATIONS
CASEYVILLE TOWNSHIP SEWER SYSTEM	SEWER
EVERSTREAM GLC HOLDING CO	COMMUNICATIONS
EXTENENT SYSTEMS LLC	COMMUNICATIONS
CITY OF FAIRVIEW HEIGHTS	SEWER
MCI/ VERIZON	COMMUNICATIONS
CITY OF O'FALLON	SEWER & WATER
BUCKEYE PARTNERS	PIPELINE

LOCATION 5

IL ROUTE 159 AT FAIRVIEW HEIGHTS CENTRE

CHARTER SPECTRUM CABLE TV CLEARWAVE COMMUNICATIONS COMMUN CASEYVILLE TOWNSHIP SEWER SYSTEM SEWER EVERSTREAM GLC HOLDING CO COMMUN EXTENENT SYSTEMS LLC COMMUN FIDELITY COMMUNICATIONS SERVICES INC COMMUN MCI/ VERIZON COMMUN CITY OF O'FALLON SEWER 8 BUCKEYE PARTNERS PIPELINE
--

LOCATION 6

IL ROUTE 159 AT LINCOLN HIGHWAY/LINCOLN TRAIL

AMEREN ILLINOIS	GAS & ELECTRIC
AT&T ILLINOIS	COMMUNICATIONS
I-3 BROADBAND	COMMUNICATIONS
CHARTER SPECTRUM	CABLE TV
CLEARWAVE COMMUNICATIONS	COMMUNICATIONS
CASEYVILLE TOWNSHIP SEWER SYSTEM	SEWER
EVERSTREAM	COMMUNICATIONS
EXTENENT SYSTEMS LLC	COMMUNICATIONS
FIDELITY COMMUNICATIONS SERVICES INC	COMMUNICATIONS
CITY OF FAIRVIEW HEIGHTS	SEWER
VERIZON	COMMUNICATIONS
CITY OF O'FALLON	SEWER & WATER
BUCKEYE PARTNERS	PIPELINE

REV - MS



JSER NAME = bfunk	DESIGNED	-	BF	REVISED -
	DRAWN	-	BF	REVISED -
PLOT SCALE = 2 0000 / in	CHECKED	-	AD	REVISED -
PLOT DATE = 8/5/2025	DATE	-	8/5/25	REVISED -

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

ì		NERAL NOTE STANDARDS			HEETS IALS LEGEND	
	SHEET	OF	SHEETS	STA.	TO STA.	

COUNTY ST. CLAIR 47 2 CONTRACT NO. 76R78

GAS & ELECTRIC COMMUNICATIONS

COMMUNICATIONS

COMMUNICATIONS

SEWER COMMUNICATIONS

SEWER & WATER

CABLE TV

SEWER COMMUNICATIONS

PIPELINE

IL ROUTE 159 AT LINCOLN PLACE SHOPPING CENTER

AMEREN ILLINOIS
AT&T ILLINOIS
CHARTER SPECTRUM
CLEARWAVE COMMUNICATIONS
CASEYVILLE TOWNSHIP SEWER SYSTEM
EXTENENT SYSTEMS LLC
FIDELITY COMMUNICATIONS SERVICES INC
CITY OF FAIRVIEW HEIGHTS
MCI/ VERIZON
CITY OF O'FALLON
BUCKEYE PARTNERS

GAS & ELECTRIC
COMMUNICATIONS
CABLE TV
COMMUNICATIONS
SEWER
COMMUNICATIONS
COMMUNICATIONS
SEWER
COMMUNICATIONS
SEWER
COMMUNICATIONS
SEWER & WATER
PIPELINE

LOCATION 8

IL ROUTE 159 AT LONGACRE DRIVE/ ASHLAND AVENUE

AMEREN ILLINOIS
AT&T ILLINOIS
CHARTER SPECTRUM
CLEARWAVE COMMUNICATIONS
CASEYVILLE TOWNSHIP SEWER SYSTEM
EVERSTREAM GLC HOLDING CO
FIDELITY COMMUNICATIONS SERVICES INC
CITY OF FAIRVIEW HEIGHTS
MCI/VERIZON
CITY OF O'FALLON

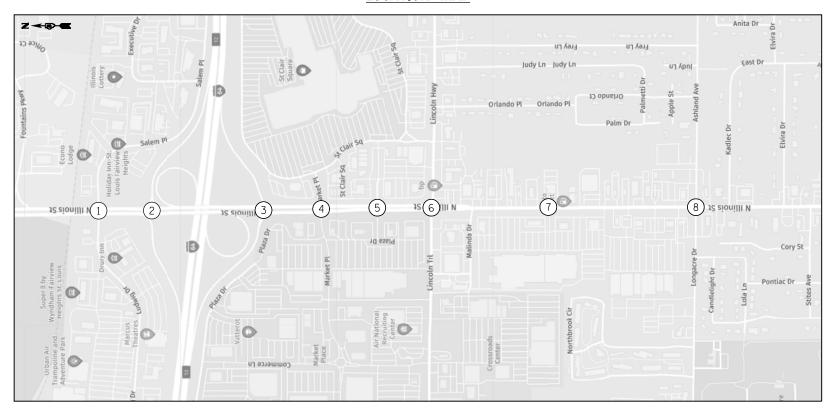
GAS & ELECTRIC
COMMUNICATIONS
CABLE TV
COMMUNICATIONS
SEWER
COMMUNICATIONS
COMMUNICATIONS
SEWER
COMMUNICATIONS
SEWER
COMMUNICATIONS
SEWER & WATER

iteris

USER NAME = bfunk	DESIGNED -	BF	REVISED	-
	DRAWN -	BF	REVISED	-
PLOT SCALE = 2.0000 / in	CHECKED -	AD	REVISED	-
PLOT DATE = 8/5/2025	DATE -	8/5/25	REVISED	-

SCALE:

LOCATION MAP



SUMMARY OF LOCATIONS

NO.	SHEET	INTERSECTION/INTERCONNECT			
1	12-15	IL ROUTE 159 AND LUDWIG DRIVE/SALEM PLACE			
2	16-18	IL ROUTE 159 AND I-64 N RAMP			
3	19-23	IL ROUTE 159 AND I-64 S RAMP			
4	24-26	IL ROUTE 159 AND MARKET PLACE/ST CLAIR SQUARE			
5	27-29	IL ROUTE 159 AND FAIRVIEW HEIGHTS CENTRE			
6	30-34	IL ROUTE 159 AND LINCOLN HIGHWAY			
7	35-39	IL ROUTE 159 AND LINCOLN PLACE SC			
8	40-44	IL ROUTE 159 AND LONGACRE DRIVE/ASHLAND AVENUE			

iteris

USER NAME = bfunk	DESIGNED - BF	REVISED -
	DRAWN - BF	REVISED -
PLOT SCALE = 100.0000 / in	CHECKED - AD	REVISED -
PLOT DATE = 8/5/2025	DATE - 7/14/24	REVISED -

STATE OF ILLINOIS		
DEPARTMENT OF	TRANSPORTATION	

			ATION IV	IAP		F.A.P. RTE	SEC	TION		COUNTY	TOTAL SHEETS	
	600	(130, 130-1, 130	0-2)TS-3, 82-	-5TS	ST. CLAIR	47	4					
										CONTRACT	NO. 76	5R78
SCALE:	SHEET	OF	SHEETS	STA.	TO STA.			ILLINOIS	FED. All	D PROJECT		

CODE NUMBER TEM DESCRIPTION					SONSTRUC	50/0128 10/03///
CODE NUMBER				9.00/ EED	CONSTRUC	TON CODE
CODE NUMBER TEM DESCRIPTION					FAP 600	FAP 600
CODE NUMBER					TRAFFIC SIGNALS	TRAFFIC SIGNALS
NUMBER	CODE			TOTAL		
CMAQ		ITEM DESCRIPTION	UNIT			
CUYD 22 22 22 23 23 23 23 2	NOMBER			QUANTITY		
BR001000 SOIL DISPUSAL ANALYSIS					CIVIAQ	ПЭТР
66001030 SOLI DISPOSAL ANALYSIS	* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	22		22
66001030 SOLI DISPOSAL ANALYSIS						
	* 66900210	HAZARDOUS WASTE DISPOSAL	CU YD	32		32
### ### ##############################	* 66900530	SOIL DISPOSAL ANALYSIS	EACH	8		8
1 1 1 1 1 1 1 1 1 1						
* 68901008 REGULATED SUBSTANCES MONITORING CAL DA 20 20 67000400 ENSINEERS FIELD OFFICE, TYPE A CAL MO 12 2 10 67100100 MOBILIZATION L SUM 1 0.2 0.8 70102830 TRAFFIC CONTROL AND PROTECTION. STANDARD 701801 L SUM 1 0.1 0.9 70102832 TRAFFIC CONTROL AND PROTECTION. STANDARD 701802 L SUM 1 0.1 0.9 70102835 TRAFFIC CONTROL AND PROTECTION. STANDARD 701802 L SUM 1 0.1 0.9 70102836 TRAFFIC CONTROL AND PROTECTION. STANDARD 701801 L SUM 1 0.1 0.9 70102840 TRAFFIC CONTROL AND PROTECTION. STANDARD 701801 L SUM 1 0.1 0.9 70102640 TRAFFIC CONTROL AND PROTECTION. STANDARD 701801 L SUM 1 0.1 0.9 70200100 NIGHTIME WORK ZONE LIGHTING L SUM 1 1 0.1 1 1	* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1		1
### 68901096 REGULATED SUBSTANCES MONITORING CAL DA 20 20 67000400 ENGINEER'S FIELD OFFICE, TYPE A CAL MO 12 2 10 67100190 MOBILIZATION L SUM 1 0.2 0.8 70102830 TRAFFIC CONTROL AND PROTECTION, STANDARD 701801 L SUM 1 0.1 0.9 70102832 TRAFFIC CONTROL AND PROTECTION, STANDARD 701802 L SUM 1 0.1 0.9 70102835 TRAFFIC CONTROL AND PROTECTION, STANDARD 701802 L SUM 1 0.1 0.9 70102840 TRAFFIC CONTROL AND PROTECTION, STANDARD 701801 L SUM 1 0.1 0.9 70102840 TRAFFIC CONTROL AND PROTECTION, STANDARD 701801 L SUM 1 0.1 0.9 70102840 TRAFFIC CONTROL AND PROTECTION, STANDARD 701801 L SUM 1 0.1 0.9 70200100 NIGHTTIME WORK ZONE LIGHTING L SUM 1 1 0.1 1.0 70200100 SIGN PANEL - TYPE 1 SQ FT 120 120						
67000400 ENGINEER'S FIELD OFFICE, TYPE A CAL MO 12 2 10 67100100 MOBILIZATION L SUM 1 0.2 0.6 76102630 TRAFFIC CONTROL AND PROTECTION, STANDARD 701601 L SUM 1 0.1 0.9 76102632 TRAFFIC CONTROL AND PROTECTION, STANDARD 701602 L SUM 1 0.1 0.9 76102635 TRAFFIC CONTROL AND PROTECTION, STANDARD 701701 L SUM 1 0.1 0.9 76102640 TRAFFIC CONTROL AND PROTECTION, STANDARD 701701 L SUM 1 0.1 0.9 770102640 TRAFFIC CONTROL AND PROTECTION, STANDARD 701801 L SUM 1 0.1 0.9 770200100 NIGHTIME WORK ZONE LIGHTING L SUM 1 1 0.1 1 0.9	* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1		1
67000400 ENGINEER'S FIELD OFFICE, TYPE A CAL MO 12 2 10 67100100 MOBILIZATION L SUM 1 0.2 0.6 70102630 TRAFFIC CONTROL AND PROTECTION, STANDARD 701601 L SUM 1 0.1 0.9 70102632 TRAFFIC CONTROL AND PROTECTION, STANDARD 701602 L SUM 1 0.1 0.9 70102635 TRAFFIC CONTROL AND PROTECTION, STANDARD 701701 L SUM 1 0.1 0.9 70102640 TRAFFIC CONTROL AND PROTECTION, STANDARD 701701 L SUM 1 0.1 0.9 70200100 NIGHTTIME WORK ZONE LIGHTING L SUM 1 0.1 0.9 72000100 SIGN PANEL - TYPE 1 SQ FT 120 120						
67100100 MOBILIZATION L SUM 1 0.2 0.8 TO102630 TRAFFIC CONTROL AND PROTECTION, STANDARD 701601 L SUM 1 0.1 0.9 TO102632 TRAFFIC CONTROL AND PROTECTION, STANDARD 701602 L SUM 1 0.1 0.9 TO102635 TRAFFIC CONTROL AND PROTECTION, STANDARD 701701 L SUM 1 0.1 0.9 TO102640 TRAFFIC CONTROL AND PROTECTION, STANDARD 701701 L SUM 1 0.1 0.9 TO102640 TRAFFIC CONTROL AND PROTECTION, STANDARD 701801 L SUM 1 0.1 0.9 TO102640 SIGN PANEL - TYPE 1 SQ.FT 120 120	* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	20		20
70102630 TRAFFIC CONTROL AND PROTECTION, STANDARD 701601 L SUM 1 0.1 0.9	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	2	10
70102630 TRAFFIC CONTROL AND PROTECTION, STANDARD 701601 L SUM 1 0.1 0.9						
70102632 TRAFFIC CONTROL AND PROTECTION, STANDARD 701602 L SUM 1 0.1 0.9 70102635 TRAFFIC CONTROL AND PROTECTION, STANDARD 701701 L SUM 1 0.1 0.9 70102640 TRAFFIC CONTROL AND PROTECTION, STANDARD 701801 L SUM 1 0.1 0.9 70200100 NIGHTTIME WORK ZONE LIGHTING L SUM 1 1 1 * 72000100 SIGN PANEL - TYPE 1 SQ FT 120 120	67100100	MOBILIZATION	L SUM	1	0.2	0.8
70102632 TRAFFIC CONTROL AND PROTECTION, STANDARD 701602 L SUM 1 0.1 0.9 70102635 TRAFFIC CONTROL AND PROTECTION, STANDARD 701701 L SUM 1 0.1 0.9 70102640 TRAFFIC CONTROL AND PROTECTION, STANDARD 701801 L SUM 1 0.1 0.9 70200100 NIGHTTIME WORK ZONE LIGHTING L SUM 1 1 1 * 72000100 SIGN PANEL - TYPE 1 SQ FT 120 120						
70102635 TRAFFIC CONTROL AND PROTECTION, STANDARD 701701 L SUM 1 0.1 0.9	70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	0.1	0.9
70102635 TRAFFIC CONTROL AND PROTECTION, STANDARD 701701 L SUM 1 0.1 0.9	70102632	TRAFFIC CONTROL AND PROTECTION STANDARD 701602	I SUM	1	0.1	0.9
70102640 TRAFFIC CONTROL AND PROTECTION, STANDARD 701801 L SUM 1 0.1 0.9 70200100 NIGHTTIME WORK ZONE LIGHTING L SUM 1 1 1 72000100 SIGN PANEL - TYPE 1 SQ FT 120 120	70102032	TIVITIO CONTICE AND TROTECTION, CITARDARD 701002	E COIVI	'	0.1	0.0
70200100 NIGHTTIME WORK ZONE LIGHTING L SUM 1 1 1 1 1 1 1 1 1	70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	0.1	0.9
70200100 NIGHTTIME WORK ZONE LIGHTING L SUM 1 1 1 1 1						
* 72000100 SIGN PANEL - TYPE 1 SQ FT 120 120	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	0.1	0.9
* 72000100 SIGN PANEL - TYPE 1 SQ FT 120 120	70000:	NIGHTINE WORK TONE LIGHTING				
	70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1		1
* 72400710 RELOCATE SIGN PANEL - TYPE 1 SQ FT 133 133	* 72000100	SIGN PANEL - TYPE 1	SQ FT	120		120
* 72400710 RELOCATE SIGN PANEL - TYPE 1 SQ FT 133 133						
	* 72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	133		133
80300100 LOCATING UNDERGROUND CABLE FOOT 80 80	80300100	LOCATING UNDERGROUND CABLE	FOOT	80		80
* SPECIALTY ITEM	* SPECIAL	 TY ITEM				



USER NAME = bfunk	DESIGNED	-	BF	REVISED -
	DRAWN	-	BF	REVISED -
PLOT SCALE = 100.0000 / in.	CHECKED	-	AD	REVISED -
PLOT DATE = 8/5/2025	DATE	-	8/5/25	REVISED -

NUMBER DV OF QUANTITIES					F.A.P. RTE	SEC ⁻	ПОИ		COUNTY	TOTAL SHEETS	SHEET NO.
SUMMARY OF QUANTITIES			600	(130, 130-1	130-2)7	ΓS-3	ST. CLAIR	47	5		
						CONTRACT	NO. 76	5R78			
OF	SHEETS	STA.	TO STA.				ILLINOIS	FED. A	ID PROJECT		

80% FED 20% STATE 90% FED 10% STATE

			80	0% FED 20% STATE	90% FED 10% STA
					TION CODE
			80% FED 20% STATE		FAP 600
				TDAFFIC CICNAL C	TDAFFIC CICNAL C
					TRAFFIC SIGNALS
CODE	ITEM DESCRIPTION	UNIT	TOTAL	0021	0021
NUMBER	TIEM DESCRIPTION	01411	QUANTITY	URBAN	URBAN
				CMAQ	HSIP
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	209		209
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	497		497
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	1097		1097
040					
81028740	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1 1/2" DIA.	FOOT	2533	2533	
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	8		0
	WAINT LINANGE OF EARTHING TRAFFIC SIGNAL INSTALLATION	EACH	0		8
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	7	7	
			·	·	
85700300	FULL-ACTUATED CONTROLLER AND TYPE V CABINET	EACH	1	1	
86200300	UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	5		5
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	2175		2175
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	6097		6097
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	21759		21759
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	8008		8008
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1381		1381
87700170	STEEL MAST ADM ASSEMBLY AND DOLE 28 ET	EAGLI	1		4
6//001/0	STEEL MAST ARM ASSEMBLY AND POLE, 26 FT.	EACH	1		1
87700210	STEEL MAST ARM ASSEMBLY AND POLE, 34 FT.	EACH	1		1
		1311			
87700230	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	1		1
				1	



USER NAME = bfunk	DESIGNED	-	BF	REVISED -
	DRAWN	-	BF	REVISED -
PLOT SCALE = 100.0000 / in.	CHECKED	-	AD	REVISED -
PLOT DATE = 8/5/2025	DATE	-	8/5/25	REVISED -

SCALE:

				F.A.P. RTE	SEC	TION		COUNTY	TOTAL SHEETS	SHEET NO.
SUMMARY OF QUANTITIES			600	(130, 130-1, 13	0-2)TS-3, 8	2-5TS	ST. CLAIR	47	6	
								CONTRACT	NO. 76	5R78
OF	SHEETS	STA.	TO STA.			ILLINOIS	FED. A	ID PROJECT		

					T
			80		90% FED 10% STAT
					CTION CODE
				FAP 600	FAP 600
					TRAFFIC SIGNALS
CODE	ITEM DESCRIPTION	UNIT	TOTAL	0021	0021
NUMBER	THE BESSELL THOM		QUANTITY	URBAN CMAQ	URBAN HS I P
				CITIAQ	11311
87700240	STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	1		1
87700250	STEEL MAST ARM ASSEMBLY AND POLE, 42 FT.	EACH	3		3
87700260	STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.	EACH	1		1
87700270	STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	9		9
87700280	STEEL MAST ARM ASSEMBLY AND POLE, 48 FT.	EACH	1		1
87700300	STEEL MAST ARM ASSEMBLY AND POLE, 52 FT.	EACH	1		1
87700310	STEEL MAST ARM ASSEMBLY AND POLE, 54 FT.	EACH	2		2
87700330	STEEL MAST ARM ASSEMBLY AND POLE, 56 FT.	EACH	1		1
	<u> </u>				
87700340	STEEL MAST ARM ASSEMBLY AND POLE, 58 FT.	EACH	1		1
87700400	STEEL MAST ARM ASSEMBLY AND POLE, 60 FT.	EACH	1		1
87700404	STEEL MAST ARM ASSEMBLY AND POLE, 62 FT.	EACH	1		1
87700418	STEEL MAST ARM ASSEMBLY AND POLE, 68 FT.	EACH	2		2
87700420	STEEL MAST ARM ASSEMBLY AND POLE, 70 FT.	EACH	1		1
87700428	STEEL MAST ARM ASSEMBLY AND POLE, 74 FT.	EACH	1		1
87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	38		38
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	255		255
5. 500410	The state of the s	1001	200		200



USER NAME = bfunk	DESIGNED	-	BF	REVISED	-
	DRAWN	-	BF	REVISED	-
PLOT SCALE = 100.0000 / in.	CHECKED	-	AD	REVISED	-
PLOT DATE = 8/5/2025	DATE	-	8/5/25	REVISED	-

SCALE:

CURANAADY OF CHANTITIFE					F.A.P. RTE	SEC ⁻	ПОИ		COUNTY	TOTAL SHEETS	SHEE'
SUMMARY OF QUANTITIES				600	(130, 130-1, 130	-2)TS-3, 8	2-5TS	ST. CLAIR	47	7	
									CONTRACT	NO. 70	5R78
OF	SHEETS	STA.	TO STA.				ILLINOIS	FED. AI	D PROJECT		

			80	% FED 20% STATE	90% FED 10% STATE
				CONSTRUC	TION CODE
				FAP 600	FAP 600
				TRAFFIC SIGNALS	TRAFFIC SIGNALS
CODE			TOTAL	0021	0021
NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY	URBAN	URBAN
			, , , , , , , , , , , , , , , , , , , ,	CMAQ	HSIP
87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	164		164
87900100	DRILL EXISTING FOUNDATION	EACH	2	2	
			_		
07000000	DDILL EVICTING HANDHOLE	FACIL	00		60
87900200	DRILL EXISTING HANDHOLE	EACH	68		68
88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	68		68
88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	36		36
88030070	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	14		14
88030080	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	17		17
88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2		2
	, , , , , , , , , , , , , , , , , , , ,				
88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	2		2
	Olive Herb, EES, Trivot, Cotolion, III/Olive Francisco	2,1011	-		
88102717	DEDECTRIAN CIONAL LICAD LED 4 FACE REACYET MOUNTED WITH COUNTDOWN TIMER	FACIL	2		2
00102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2		2
			_		_
88102747	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	6		6
88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	86		86
89501250	RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	8		8
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	4000		4000
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	8		8
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	34		34



USER NAME = bfunk	DESIGNED	-	BF	REVISED	-
	DRAWN	-	BF	REVISED	-
PLOT SCALE = 100.0000 / in.	CHECKED	-	AD	REVISED	-
PLOT DATE = 8/5/2025	DATE	-	8/5/25	REVISED	

SCALE:

		F.A.P. RTE	SEC.	TION		COUNTY	TOTAL SHEETS	SHEET NO.		
SUMMARY	OF QUA	600	(130, 130-1, 130	0-2)TS-3, 8	2-5TS	ST. CLAIR	47	8		
								CONTRACT	NO. 70	5R78
OF	SHEETS	STA.	TO STA.			ILLINOIS	FED. A	ID PROJECT		

TITEM DESCRIPTION				80	0% FED 20% STATE	90% FFD 10% STA
TAP 600					CONSTRUCT	TION CODE
CODE THEM DESCRIPTION						
CODE THEM DESCRIPTION					TRAFFIC SIGNALS	TRAFFIC SIGNALS
CHANGES CHANGES PROPERTY SYSTEM LINE SENSOR CARLE, NO. 20 AC ACCOUNTY CARLE CA	CODE			TOTAL		
CMAQ		ITEM DESCRIPTION	UNIT			
MISSING MISS	NOMBEK			QUANTITI		
MISHON CHARLES DETECTION SYSTEM COMERATE SCACE Comment Com					CMAQ	TISTE
Mark Layour	X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	4904		4904
Mark Layour			FAOU			
NEW OFFICE CABLE 12 FIBERS SINGLE MODE FACE F	X8891007	VIDEO VEHICLE DETECTION SYSTEM COMPLETE	EACH	2		2
NET OF THE POPTIC CABLE 12 FIBERS, SINGLE MODE	X8710010	FIBER LAYOUT	L SUM	1	1	
NET OF THE POPTIC CABLE 12 FIBERS, SINGLE MODE						
Marie Mari	X1400500	COMMUNICATIONS VAULT, 24"X36"	EACH	3	3	
Marie Mari		FIRED ORTIO CARLE 40 FIREDO ONIOLE 1/205	505-	510	510	
Mathematical Math	X8/10036	FIBER OPTIC CABLE 12 FIBERS, SINGLE MODE	FOOT	540	540	
X9710103 THERNET SWITCH	X8710039	FIBER OPTIC CABLE 144 FIBERS, SINGLE MODE	FOOT	7155	7155	
X9710103 THERNET SWITCH						
NO NO NO NO NO NO NO NO	X8710101	ETHERNET MANAGE SWITCH	EACH	1	1	
NO NO NO NO NO NO NO NO						
X8760200 ACCESSIBLE PEDESTRIAN SIGNALS	X8710103	ETHERNET SWITCH	EACH	7	7	
Name	X8710304	FIBER OPTIC CABLE SPLICE - LATERAL	EACH	7	7	
Name						
X8780012 CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER FOOT 68 68 XP000212 CLOSED CIRCUIT TELEVISION DOME CAMERA, HD EACH 2 2 20076600 TRAINEES HOUR 1500 1500 20076604 TRAINEES TRAINING PROGRAM GRADUATE HOUR 1500 1500	X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	18		18
X8780012 CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER FOOT 68 68 XP000212 CLOSED CIRCUIT TELEVISION DOME CAMERA, HD EACH 2 2 20076600 TRAINEES HOUR 1500 1500 20076604 TRAINEES TRAINING PROGRAM GRADUATE HOUR 1500 1500	V070004	DEDECTRIAN PRODUCT	FAOU	10		40
XP000212 CLOSED CIRCUIT TELEVISION DOME CAMERA, HD EACH 2 2 Z0076600 TRAINEES HOUR 1500 1500 Z0076604 TRAINEES TRAINING PROGRAM GRADUATE HOUR 1500 1500	X8760201	PEDESTRIAN PUSH-BUTTON PUST	EACH	16		10
20076600 TRAINEES	X8780012	CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	68		68
20076600 TRAINEES						
20076604 TRAINEES TRAINING PROGRAM GRADUATE HOUR 1500 1500	XP000212	CLOSED CIRCUIT TELEVISION DOME CAMERA, HD	EACH	2	2	
20076604 TRAINEES TRAINING PROGRAM GRADUATE HOUR 1500 1500	70076600	TRAINIFFC	HOUR	1500	1500	
	ZUU/66UU	IKAINEES	HOUK	1500	1500	
	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	1500	1500	
	0042					

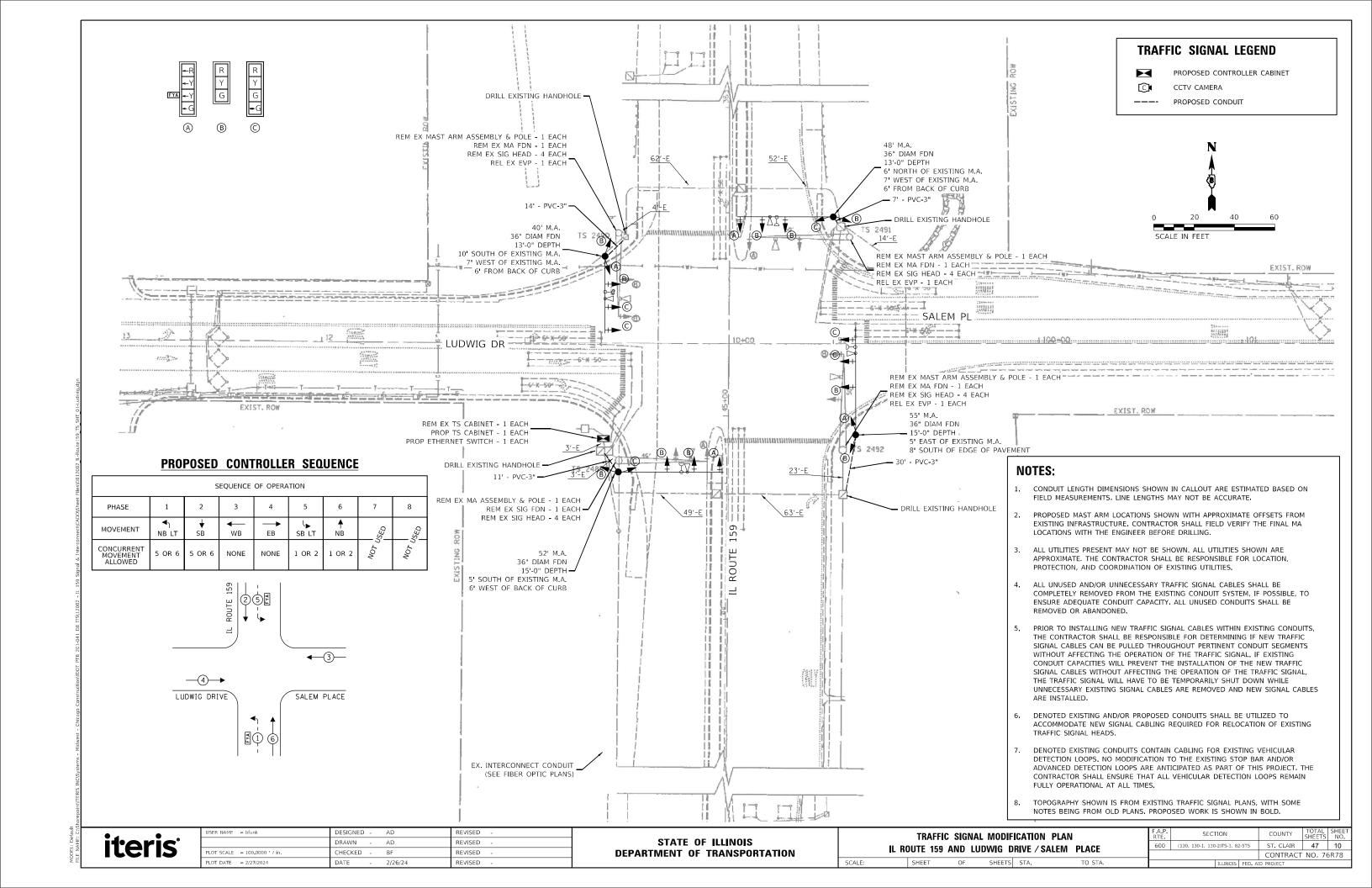
iteris

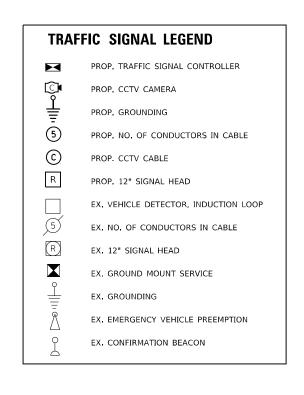
USER NAME = bfunk	DESIGNED	-	BF	REVISED	-
	DRAWN	-	BF	REVISED	-
PLOT SCALE = 100.0000 / in.	CHECKED	-	AD	REVISED	-
PLOT DATE = 8/11/2025	DATE	-	8/5/25	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:

					F.A.P. RTE	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
	SUMMARY	OF QU	ANTITIES		600	(130, 130-1, 130-2)TS-3, 82-	5TS	ST. CLAIR	47	9
								CONTRACT	NO. 76	5R78
SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AI			D PROJECT		

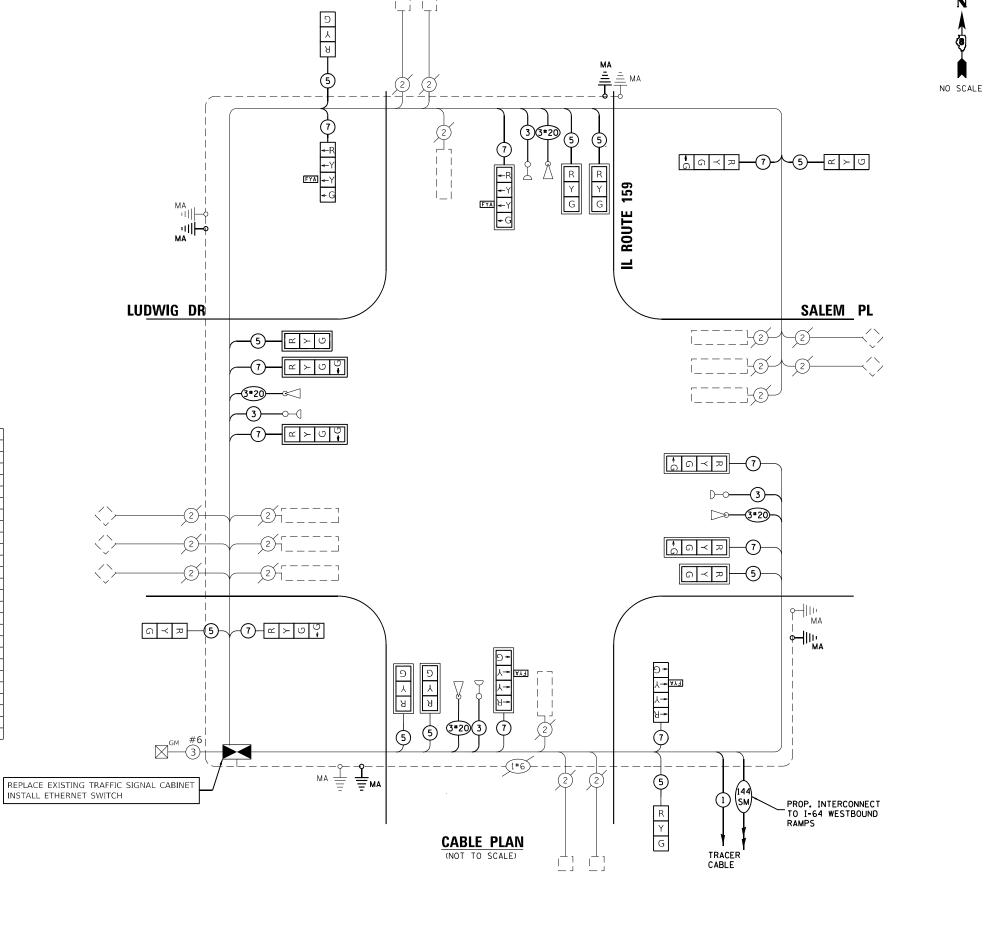




SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
SIGN PANEL - TYPE 1	SQ FT	30
RELOCATE SIGN PANEL - TYPE 1	SQ FT	32
LOCATING UNDERGROUND CABLE	FOOT	10
UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	62
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1182
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2635
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	3004
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	105
STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 48 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 52 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 58 FT.	EACH	1
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	56
DRILL EXISTING HANDHOLE	EACH	4
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	6
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	6
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	12
RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	500
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	4
EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	1182
ETHERNET SWITCH	EACH	1

*NOMINAL QUANTITY TO BE USED AS NEEDED AND AS APPROVED BY ENGINEER



SCALE:



USER NAME = bfunk	DESIGNED - AD	REVISED -
	DRAWN - AD	REVISED -
PLOT SCALE = 100.0000 / in.	CHECKED - BF	REVISED -
PLOT DATE = 2/27/2024	DATE - 2/26/24	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

	TR.	AFFIC	SIGNAL CA	BLE PLAN		
IL RO	OUTE 159	AND	LUDWIG D	RIVE / SALEM	PLACE	
	SHEET	OF	SHEETS	STA.	TO STA.	

A.P. TE	SECT	ПОИ		COUNTY	TOTAL SHEETS	SHEET NO.
00	(130, 130-1, 130	-2)TS-3, 82	2-5TS	ST. CLAIR	47	11
			CONTRACT	NO. 76	5R78	
		ILLINOIS	FED. A	ID PROJECT		



Page 1 of 1

Date 5/29/84

COUNTY St.	Clair_	DRII	LING	3 ME	THOD		Но	llow Stem Auger	HAMMER TYPE		140# A	utoma	itic
STRUCT. NO			_	D E P T	B L O	U C S	M 0 1 8	Surface Water Elev. Stream Bed Elev. Groundwater Elev.:	ft ft	D E P T	B L O W	U C S	M 0 1 S
BORING NO Station Offset	45+8	11	Lane	Ĥ	S	Qu	T		ft	Н	S	Qu	T
Offset	57.00f	tR	_	100			4041	Upon Completion	ft	(61)	//033		,,,,
Ground Surface E	lev	589.3	ft	(ft)	(/6")	(tsf)	(%)	After Hrs		(ft)	(/6")	(tsf)	(%)
								Brown and Gray SILT (co	ontinued)				
Brown and Gray SI	.T										8	1.5	28
				_						-		B /	20
										_			
					33	5.4 S	19				6	1.7 B /	27
			584.8			0				_			
Brown and Gray Sil	V CLAY			5						-25			
Slowii alid Gray Sii	y CLAI			-						-			
				_	19	3.0	20		562.9		8	2.0	28
						S						B	
								END OF BORING					
												١,	
				-	19	2.6	22			_			
						S				-			
				-10									
					40	0.5	04						
				_	18	2.5 S	21			_			
				_									
				_						_			
					24	4.8	21						
						S/							
				-15						-35			
				-	ĺ					-	İ		
					18	1.6	23			-			
			572.3	_		S							
	w		The state of										
Frown and Gray SIL	T.												
				-	7	1.4	24					9	
					-	S /	24						
				_						_			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)



SOIL BORING LOG

Page 1 of 1

Date 5/29/84

DESCRIPTION Traffic Signals at IL 159 and Ludwig Dr / Salem PI LOGGED BY J. King

ECTION 130TS LC	CATI	ON _	SE 1/4	, SEC	. 21, TWP. 2N, RNG. 8W, 3 PM					
OUNTY St. Clair DRILLING	3 ME	THOD		Ho	llow Stern Auger HAMME	R TYPE		140# A	utoma	tic
TRUCT. NO	D E P T H (ft)	B L O W S	U C S Qu (tsf)	M O I S T	Surface Water Elev. Stream Bed Elev. Groundwater Elev.: First Encounter Upon Completion After Hrs.	ft ft	D E P T H	B L O W S	U C S Qu (tsf)	M O I S T
rown and Gray Silty CLAY					Brown and Gray Clayey SILT (continued)			12	1.5 B	27
		28	4.3 S	18			-25	7	1.2 B	28
		22	3.1 S /	15	END OF BORING	462.5	_	8	1.5 B	27
	-10	31	3.5 S	20			-30			
		35	3.7 S	21						
474.5		24	3.0 S	22			25			
	15	12	1.2	21			35			
	_	7	0.7 B /	28			_			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

SCALE:

BB\$, from 137 (Rev. 8-99)



USER NAME = bfunk	DESIGNED	-	BF	REVISED -
	DRAWN	-	BF	REVISED -
PLOT SCALE = 100.0000 / in.	CHECKED	-	AD	REVISED -
PLOT DATE = 12/21/2023	DATE	-	11/10/23	REVISED -

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

	SOIL BORING LOGS											
IL RO	OUTE 159	AND	LUDWIG [ORIVE / SA	LEM PLACE							
	SHEET	OF	SHEETS	STA.	TO STA.							

F.A.P. RTF	SECT	ΓΙΟΝ		COUNTY	TOTAL	SHEE
600	(130, 130-1, 130	1-2)TS-3, 82	2-5TS	ST. CLAIR	47	12
				CONTRACT	NO. 76	5R78
		ILLINOIS	FED. A	D PROJECT		



Page 1 of 1

Date __5/29/84

COUNTY St. Clair DRILLIN	G ME	THOD	(**************************************	Но	llow Stem Auger	HAMMER TYPE 140# Auto					tic
STRUCT. NO	D E P	L	U C S	M 0 1	Surface Water Elev Stream Bed Elev		ft ft	DEP	B L O	U C S	M 0
BORING NO. 3 Station 44+92	H	W S	Qu	S	Groundwater Elev.: First Encounter		ft	H	W S	Qu	S
Station 44+92 Offset 55.00ft L Ground Surface Elev. 588.3 ft	(ft)	(/6")	(tsf)	(%)	Upon Completion		ft	(ft)	(/6")	(tsf)	(%)
					Brown and Gray Clayey (continued)	SILT					
Brown and Gray Clayey SILT	-				(continued)		1-		10	2.0	26
	_							_		S	
	-							-			
	_	25	3.1	16			i e		8	1.6	27
	-		S				-	-		В	
	5						5-	-25			
		25	2.7	17		p-25	562.0		6	1.3 B /	27
	-				END OF BORING		-				
							-				
		32	3.2	16				-			
			S				-		8		
	10						87	-30			
		35	3.9	19							
	0	-00	S	10				-			
								-30		i	
							-	-			
		23	3.7 S	24	6		-				
	16							26			
	13						-	-33	8		
		11	2.6	23			_				
			S								
	-							-			
		8	0.8	27							
		O	0.8 S	21			-				
			1		1						

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)



SOIL BORING LOG

Page 1 of 1

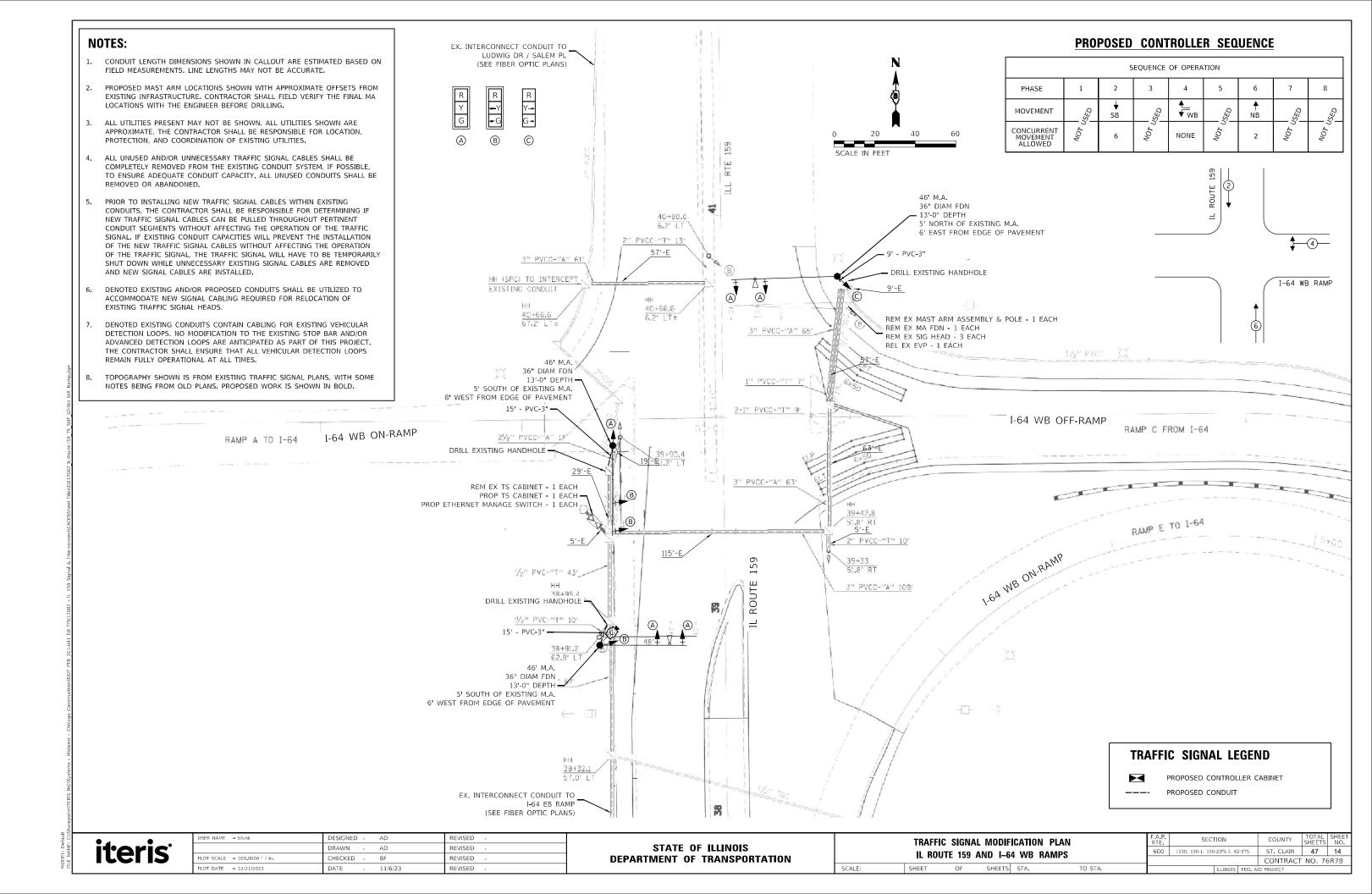
SECTION 130TS							T/P=	-	140# -		At a
COUNTY St. Clair DRILL	LING ME	THOD		Но	llow Stem Auger	HAMMER	TYPE		14U# A	utoma	tic
STRUCT. NO	P	B L O	C	M 0 1	Surface Water Elev. Stream Bed Elev.		_ ft _ ft	D E P	12.72	C S	C
BORING NO. 4 Station 45+81	T H	W	Qu	S	Groundwater Elev.:	r77 r	A W	T	W	Qu	S
Station 45+81 Offset 55.00ft L	'''	3	GEU	'	First Encounter Upon Completion	5//.5	_π <u>≖</u> ft			Qu	
Ground Surface Elev. 589.0	ft (ft)	(/6")	(tsf)	(%)	After Hrs.		ft	(ft)	(/6")	(tsf)	(%
30000000					Brown and Gray SILT	(continued)	14.5	_			
Brown and Gray SILT									7	1.4	25
	_							_		B	
	-										
	_							-			
	-	7	1.3	23					13	1.5	29
			S							B	
	-										
	-5							25			
	27	4	1.3	20				-	8	1.2	28
	13	-+	1.5 S	20			562.9	-	-	B /	20
	1				END OF BORING						
										,	
	2	2	0.7	23				7			
	5		S					_			
	-10							-30			
	-10										
		12	3.0	24							
	<u></u>		S								
	-										
	-							_			
	-	23	2.4	23							
	-	23	2.4	23				-			
	-		<u> </u>								
	-15							-35			
										Ì	
		18	4.2	24							
	_		S	1							
			a costill								
	7							10-			
		8	3.3	25				_			
		J	S /	20				-	1		
		2	رت								
		1		1.	II .				1		

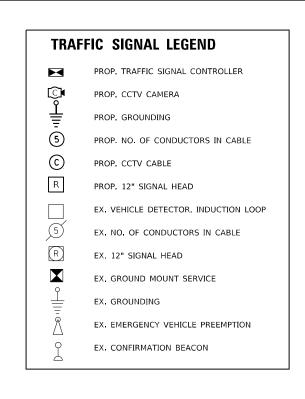
The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

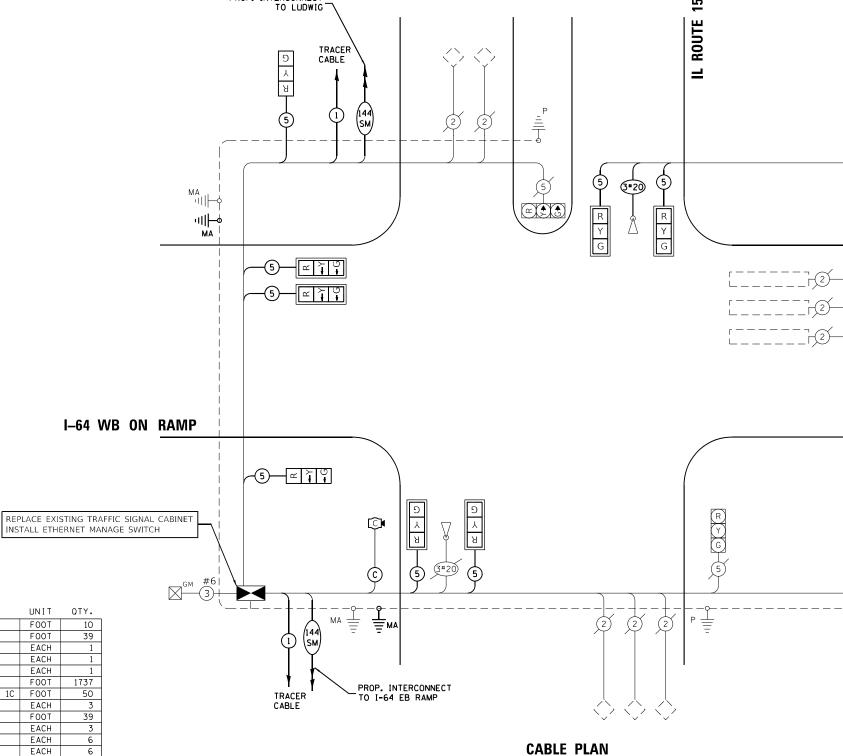
BBS, from 137 (Rev. 8-99)



USER NAME = bfunk	DESIGNED	-	BF	REVISED	-
	DRAWN	-	BF	REVISED	-
PLOT SCALE = 100.0000 / in.	CHECKED	-	AD	REVISED	-
PLOT DATE = 12/21/2023	DATE	-	11/10/23	REVISED	-







SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
LOCATING UNDERGROUND CABLE	FOOT	10
UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	39
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1737
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1	C FOOT	50
STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	3
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	39
DRILL EXISTING HANDHOLE	EACH	3
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	6
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	6
RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
* REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	500
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	3
EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	490
ETHERNET MANAGE SWITCH	EACH	1
CLOSED CIRCUIT TELEVISION DOME CAMERA, HD	EACH	1

* NOMINAL QUANTITY TO BE USED AS NEEDED AND AS APPROVED BY ENGINEER

iteris

USER NAME = bfunk	DESIGNED	-	AD	REVISED -
	DRAWN	-	AD	REVISED -
PLOT SCALE = 100.0000 / in.	CHECKED	-	BF	REVISED -
PLOT DATE = 12/22/2023	DATE	-	12/22/23	REVISED -

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

TRA	AFFIC S	IGNAL C	ABLE PLAN	
IL ROU	TE 159	AND I-	64 WB RAMPS	
SHEET	OF	SHEETS	STA.	

F.A.P. RTE	SECTION		COUNTY	TOTAL SHEETS	SHEE NO.
600	(130, 130-1, 130-2)TS-3, 8	2-5TS	ST. CLAIR	47	15
			CONTRACT	NO. 76	5R78
	ILLINOIS	FED. A	D PROJECT		

PROP. INTERCONNECT

SHEETS STA.

(NOT TO SCALE)

SCALE:

TO STA.

NO SCALE

I-64 WB OFF RAMP

Page 1 of 1

Date 4/26/02

ROUTE FAI 64 DESCRIPTION	N		Ramp	F-IL	159 SB Ramp to I-64 El	B LOGGED BY Larry Ford
SECTION 82-5K-2 L	CATI	ON _	NE 1/4	4, SEC	. 28, TWP . 2N, RNG . 8V	V, 3 PM
COUNTY St. Clair DRILLIN	IG ME	THOD			Hand Auger	HAMMER TYPE
STRUCT. NO	P		U C S	M O I S	Surface Water Elev Stream Bed Elev.	ft
BORING NO. RF-B1 Station 4+16 Offset 0.00ft BL	н	S	Qu	T	Groundwater Elev.: First Encounter Upon Completion After Hrs.	566.2 ft ▼
Ground Surface Elev. 571.7 ft	(11)	(10)	(tsf) 2.1	(%)	After Hrs.	ft
Brown and Gray SILT			2.5			
	-		2.3			
568.	2		0.5			
Gray Silty Clay LOAM			0.5			
	5 ▼		0.5			
	\exists		0.7			
563.	, –	1	0.7			
Gray Silty CLAY	n		1.2			
	7 -10		0.8			
End of Hand Auger						
Qu values obtained from Pocket Penetrometer						
	$\overline{}$					
	15					
	_					
	-20					

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)



SOIL BORING LOG

Page <u>1</u> of <u>1</u>

Date 4/26/02

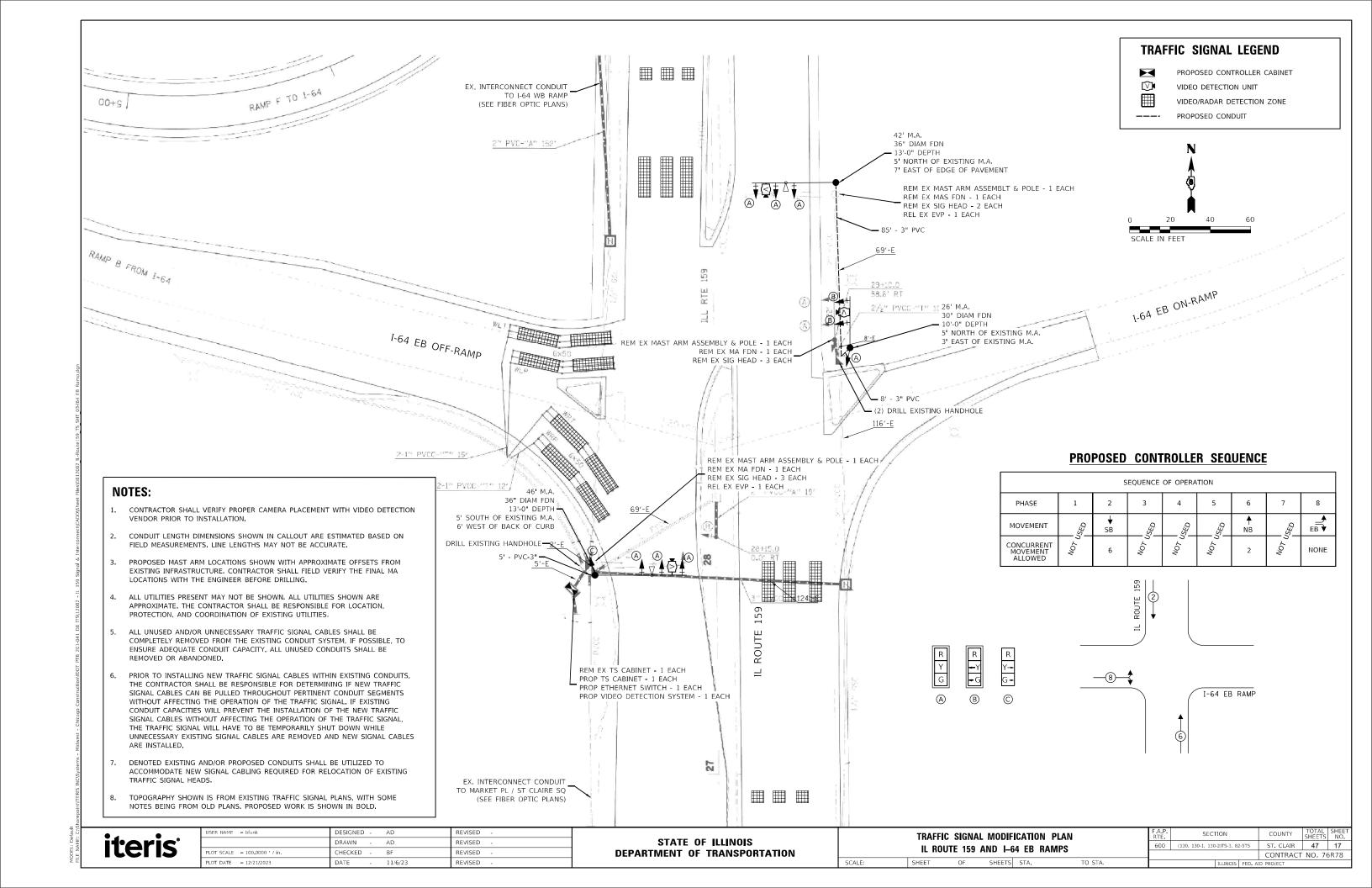
ROUTEFAI 64 DESC	RIPTIO	<u> </u>		Ramp	F-IL	159 SB Ramp to J-64 EB		LOGGED BY _	Larry Ford
SECTION 82-5K-2	_ LO	CAT	ION _	NE 1/4	4, SEC	. 28, TWP. 2N, RNG. 8W,	3 PM		
COUNTY St. Clair D	RILLING	S ME	THOD			Hand Auger	HAMMER	TYPE	
STRUCT. NO. Station BORING NO. RF-B2 Station 7+35		D E P T H	L O W	U C S Qu	M O I S T	Surface Water Elev. Stream Bed Elev. Groundwater Elev.: First Encounter		_ ft	
Offset 14.00ft LT BL				11110000		Upon Completion		ft	
Ground Surface Elev567.0	ft	(11)	(10)	(tsf)	(%)	After Hrs	4.000	_ ft	
Brown SILT A-4(8)		_		1.5	21				
See Soil Test Data Sheet				1.5	23				
N.	564.0	-							
Gray SILT		9		0.7	28				
A-4(8) See Soil Test Data Sheet				0.8	28				
ood oon root bald onlock		5		0.9	28				
				1.0	28	£			
		_							
W-30	559.0	-		0.9	29				
End of Hand Auger									
Qu values obtained from Pocket Penetrometer		-10		0					
		_							
		_							
		-15							
		_							
		-20							-

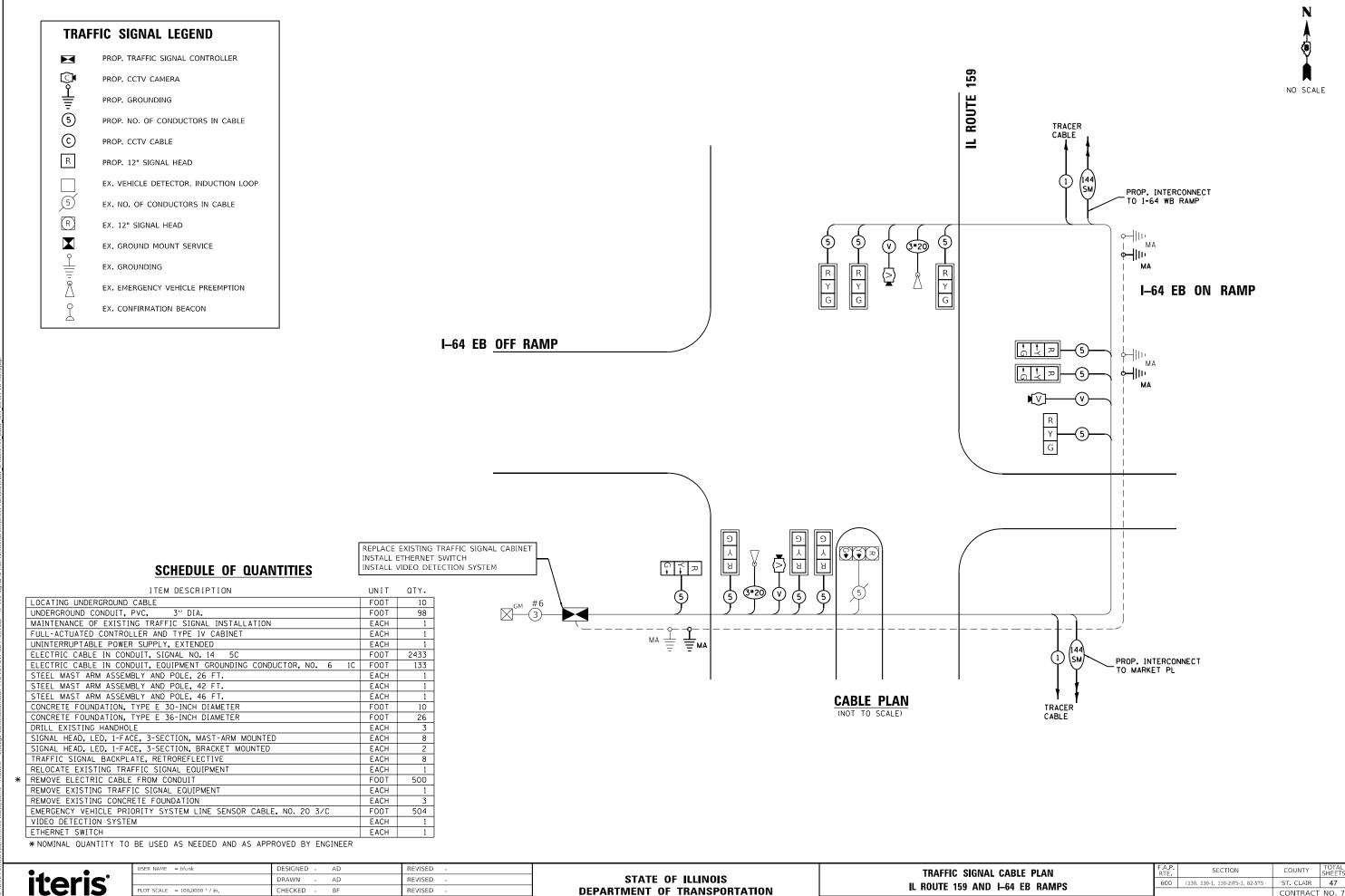
The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)



USER NAME = bfunk	DESIGNED	-	BF	REVISED -
	DRAWN	-	BF	REVISED -
PLOT SCALE = 100.0000 / in.	CHECKED	-	AD	REVISED -
PLOT DATE = 12/21/2023	DATE	-	11/10/23	REVISED -





DEPARTMENT OF TRANSPORTATION

600 (130, 130-1, 130-2)TS-3, 82-5TS

IL ROUTE 159 AND I-64 EB RAMPS

SHEETS STA.

ST. CLAIR 47 18

CONTRACT NO. 76R78

DRAWN

DATE

LOT DATE = 2/27/2024

HECKED

AD

2/26/24

REVISED

REVISED

REVISED

ILLINOIS DEPARTMENT OF TRANSPORTATION
District Eight Materials Depth Increment = 152.5mm
NW 1/4, NW 1/4, SECTION 27, T 2 N, R 8 W, 3RD PM Bridge Foundation Boring Log Sh. 1 of 1 09/30/96 BRIDGE I 64 - IL 159 INTERCHANGE PROJECT FAI 64 ROUTE FAI 64 Bored By JOSEPH MONROE SEC. 82-5KI Checked By MARY LAMIE COUNTY St. Clair Strct. No. Surf Wat El. Grndwater El. Boring No. at Compl Sta 0+853 O/S 20m RT. Qu kPa Qu kPa N El. Ground Surface 179.04 0m BROWN SILTY CLAY 171.88 END OF BORING 99.88 _171.67__20 10_187.28__18 176.91___ GRAY SILT 13__93.64__17 -3 6 124.85 25 175.38_ BROWN SILTY CLAY LOAM 87.40__26 A-7-6 (20) 174.62_ GRAY SILT 65.55 27 -5 49.94 30 68.67 33 172.49 BROWN SILT A-4(0)
N 50 mm OD Sampler, Driven 305 mm
63.5Kg Hammer, 760 mm Fall (F.W.-Free Water B-Bulge S-Shear)

ILLINOIS DEPARTMENT District Eight Mate NW 1/4, NV	eria	ls I	epth	Inc	rement = 152. T 2 N, R 8 W	<u>5mm</u> , 3RD PM	Bor	ing L		
PROJECT FAI 64	_	BRIDGE	I 64	-	IL 159	Dat	e	Sh 09/	. 1 of 30/96	1
ROUTE FAI 64					HANGE	Bored B	у <u>ЈО</u>	SEPH	MONROE	
SEC. 82-5KI		STA.			c	hecked B	y MA	RY LA	MIE	
COUNTY St. Clair Strct. No. Boring No. 3 Sta 0+909 O/S 18m RT.	El.	N	Qu kPa	W %	Surf Wat El. Grndwater El at Compl At Hrs		El.	N	Qu kPa	W %
Ground Surface 179.58	3 0m									
BROWN SILT					BROWN SILT 172.42 END OF BORING	G	<u>=7</u>	4 6	93.64_	_30
	=	10 12								
		6	NC				-9			
176.68		15_11	8.61_	18			=			
DARK BROWN SILT W/ ORGANIC ODOR	<u>-3</u>	8 918	7.28_	_17			Ξ			
175.77	=	3					_			
GRAY SILTY CLAY LOAM	-	79	3.64_	24						
A-6(15)	_	1					<u>11</u>			
	<u>_</u> 	² 37	8.03_	_27						
174.40	_	2					_			
GRAY SILT		3 46	2.43_	_27	3		=			
A-4(7)	_	2								
		2 4 59	3.64_	_26			13			
172.87	_	2					_			
N 50 mm OD Sampler, Dr 63.5Kg Hammer, 760 mm	iver Fal	305	mm WFr	ee 1	 Water B-Bulge	S-Shear	_			

iteris

USER NAME = bfunk	DESIGNED - BF	REVISED -
	DRAWN - BF	REVISED -
PLOT SCALE = 100.0000 / in.	CHECKED - AD	REVISED -
PLOT DATE = 12/21/2023	DATE - 11/10/23	REVISED -

SOIL BORING LOGS					F.A.P. RTE	SECTION			COUNTY	TOTAL SHEETS	SHEE
IL ROUTE 159 AND I-64 EB RAMPS					600	(130, 130-1, 130	0-2)TS-3, 8	2-5TS	ST. CLAIR	47	19
IL IIU	OIL 133	AND I-U	T LD	IIAWII 3					CONTRACT	NO. 76	5R78
HEET	OF	SHEETS	STA.	TO STA.			ILLINOIS	FED. A	D PROJECT		

ILLINOIS DEPARTMENT District Eight Mate: NW 1/4, NW	ria	ls I	epth	Inc	rement =	152.5	5 <u>mm</u> . 3RD PM	Bort	ige Fo	oundat og	ion
PROJECT FAI 64			I 64	1 -						. 1 of	1
ROUTE FAI 64			TM	LERC	HANGE		Bored B	y <u>JOS</u>	SEPH I	MONROE	
SEC. 82-5KI	_ :	STA.				Cl	necked B	y MAF	RY_LAI	MIE	
COUNTY St. Clair Stret. No. Boring No. 4 Sta 1+236.4 O/S 21.8m RT.	E1.	N	Qu kPa	W %	Surf Wate Grndwate at C	r El.		El.	N	Qu kPa	W %
Ground Surface 180.02	Om	,				777					
BROWN AND GRAY SILT	_							-7			
	-1	4						=			
	_		7.28_	_18							
	=	3		_							
	_	6	6.06	17							
		3	.0.00_	-11							1
		8	707					-9			
	_	9 11	NC	17				-9 			
	<u>- 157</u>			_				_			
	-3	8						=			
	_		4.10_	_16				=			
	_	7									
	_	11									
		13_17	1.67_	_17				11			
		4						-			
	_	6 8 13	1.09	21							
	-5			S. F. J. S. F.							
	_	1									
	_	2 2 1	8.73_	_28							·
	_	_									
		2						13			
173.62 END OF BORING	_		9.94_	_26							
DALAND OF BOALING	=										
N 50 mm OD Sampler, Dri 63.5Kg Hammer, 760 mm	ver Fal	1 1 305 L1 (F.	mm WFr	ee V	Water B-B	ulge	S-Shear)	13 - - -			

PROJECT FAI 64		BRIDGI	I 64	ERC	IL 159 HANGE	Date	e		. 1 of 30/96	
ROUTE FAI 64			-			Bored By	y <u>JOS</u>	SEPH 1	MONROE	
SEC. 82-5KI		STA.			c	hecked By	MAF	RY LAI	MIE	
Strct. No. Boring No. 5 Sta 1+206.2 O/S 15m LT.	El.	N	Qu kPa	W %	Surf Wat El. Grndwater El at Compl At Hrs		El.	N	Qu kPa	W %
Ground Surface 180.	92 0m		1							
BROWN SILT							<u>-7</u>			
	_						_			
		9 11								
	=1		30.92_	_15						Ì
Pri se milionii	-						_			
A-4(6)		4 5					_			
	_	615	6.06_	_20						
							_			
		5 7					<u>-9</u>			
	_	12_12	4.85	_19			_			ĺ
	_									
	-3	6 7					_			
	_	12_26	5.31_	_17			_			
	_		CHANGE CO.				_			
	_	10 16					_			
	_	16_32	7.74_	_16			11			
							-			
		9					_			
	<u>-</u> - <u>5</u>	15_24	9.70_	_16						
		3.0					_			
		16 18								
		23_28	0.92_	_17			_			
		-	y.							
	-	11					13			
174.52	_ =		5.31_	_17			13 — —			
END OF BORING										

iteris

USER NAME = bfunk	DESIGNED - BF	REVISED -
	DRAWN - BF	REVISED -
PLOT SCALE = 100.0000 / in.	CHECKED - AD	REVISED -
PLOT DATE = 12/21/2023	DATE - 11/10/23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

	SOIL B	ORING	LOGS		F.A.P. RTE	SECT	ПОИ		_
II RAI	JTE 159 /	AND LG	/ FR	RAMPS	600	(130, 130-1, 130-	-2)TS-3, 82	2-5TS	Ī
IL HOU) IL 133 /	ייין שווי	7 LD	IIAWII 3					ī
HEET	OF	SHEETS	STA.	TO STA.			ILLINOIS	FED. A	Ē

COUNTY SHEETS NO.

ST. CLAIR 47 20

CONTRACT NO. 76R78

Sh. 1 of 1 04/20/88 PROJECT D-98-019-94 BRIDGE TRAFFIC SIGNAL/
OVERHEAD SIGN TRUSS ON
FA 600 (IL 159)
SOUTH OF RAMP B & RAMP D Bored By LARRY FORD SEC. 82-5K-1 STA. _ Checked By MARY LAMIE COUNTY St. Clair Strct. No.____ Surf Wat El. Grndwater El. at Compl Boring No. 6 Sta 0+854 O/S 19m LT. C.L Qu kPa Qu kPa El. N % At ____ Hrs El. Ground Surface 178.98 0m BROWN CLAYEY SILT 95.76 18 -7 W/ ROCK _114.91__19 178.06 F.W.___ 57.46__21 28.73 21 177.61 172.37 28 -9 --9 ---BROWN SILTY CLAY W/ ROCK AND CINDERS 191.52 26 176.84 287.28 24 BLACK SILTY CLAY 239.40 25 SMELLS VERY ORGANIC 210.67_32 _191.52__30 _172.37__31 __95.76__31 175.78 GREENSIH GRAY CLAYEY SILT 175.32 47.88_32 END OF HAND AUGER POCKET PENETROMETER

Bridge Foundation

Boring Log

Date

11

13

ILLINOIS DEPARTMENT OF TRANSPORTATION
District Eight Materials Depth Increment = 152.5mm
NE 1/4, NE 1/4, SECTION 28, T2N, R8W, 3RD PM

-5

N 50 mm OD Sampler, Driven 305 mm 63.5Kg Hammer, 760 mm Fall (F.W.-Free Water B-Bulge S-Shear)

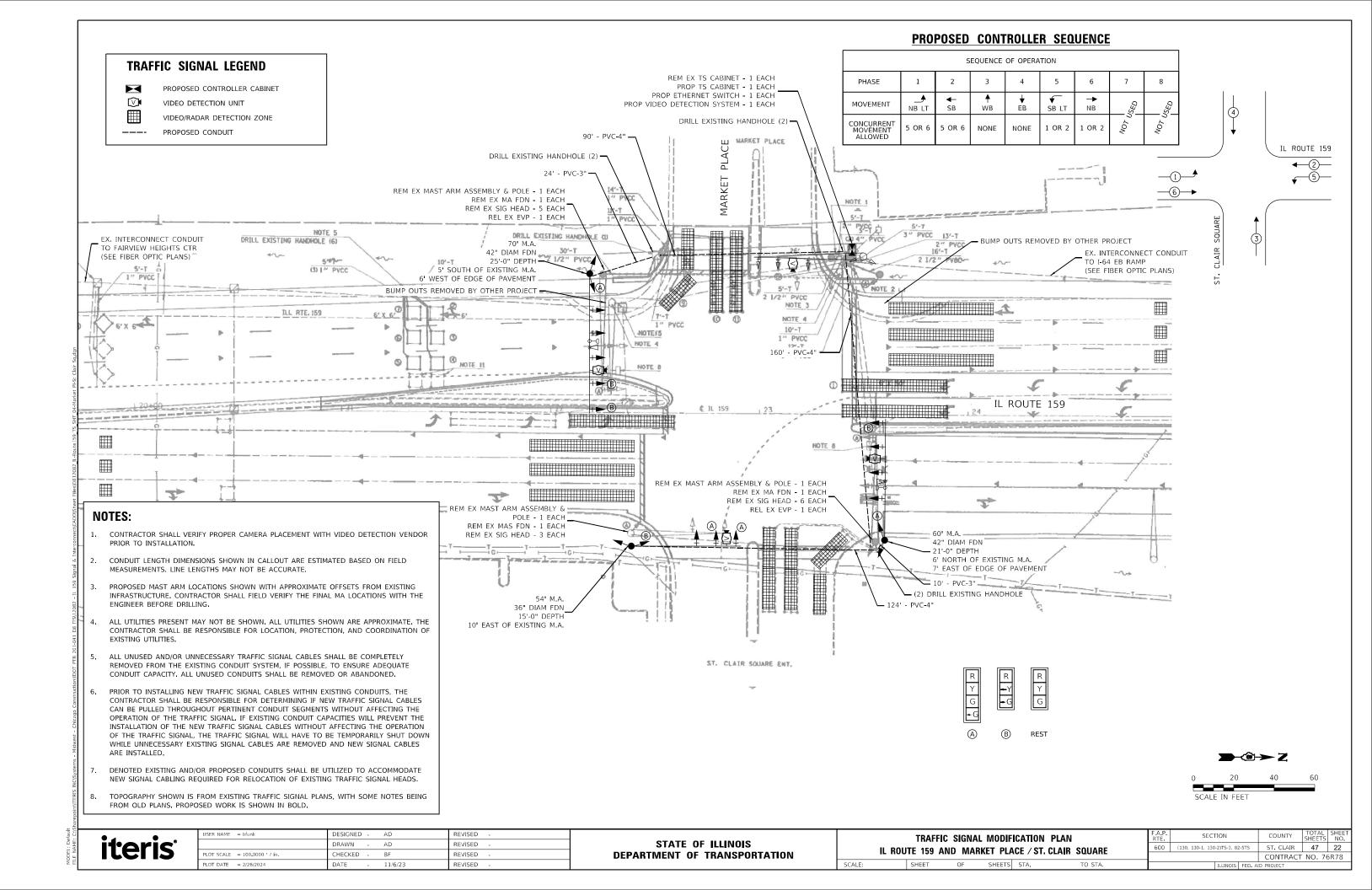
ILLINOIS DEPARTMENT District Eight Mate NW 1/4 OF	eria.	ls	Dep	th	Inc		THE REAL PROPERTY.	Bor	ing L		
PROJECT	_ ;	BRIDG	E E	AP	600	(IL 159) I 64	Date	a	08/	. 1 of 17/93	1
ROUTE FAI 64		_					Bored By	LA	RRY F	ORD	
SEC. 82-5K-1	:	STA.	16+	375	. 96	FAI 64 Ch	ecked By	MAJ	RY LA	MIE	
COUNTY St. Clair Strct. No. Boring No. 1,N,ABU Sta 1+088.44 O/S 30.48m RT.C.L.	El.	N	Q. k	u :Pa	8 M	Surf Wat El. Grndwater El. at Compl		El.	N	Qu kPa	W %
Ground Surface175.47	0m		1	1	į.			Selection		1	1
GRAY SILT WITH	<u>=</u>	11 12	P	N-				-7 -	3 61	S/20 53.28_	_24
		8_3	44.	88_	_21	167.24		=	3	S/20 43.70_	_26
SEMI-SATURATED			S/ 43.		_25	BROWN AND GRAY	Y			S/20 53.28_	_29
		3	B 47.	90_	_29	166.18 CLAY TILL W/S? 166.02	and seam	-	4	B 14.96_ S/10_ 38.32	27 25
	<u>-3</u>	2	S/ 76.	15 64_	27	END OF BORING		=			
L71.82	_	1						_			
GRAY CLAYEY SILT		3		20 22_	_29			<u> </u>			
. w.	<u>-5</u>	2 2		20 06_	_29			=			
			S/ 76.		_31						
	=	1 2	В	7.0				<u></u>			

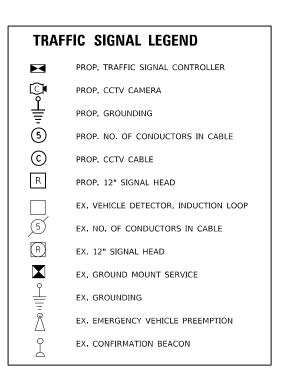
N 50 mm OD Sampler, Driven 305 mm | 63.5Kg Hammer, 760 mm Fall (F.W.-Free Water B-Bulge S-Shear)

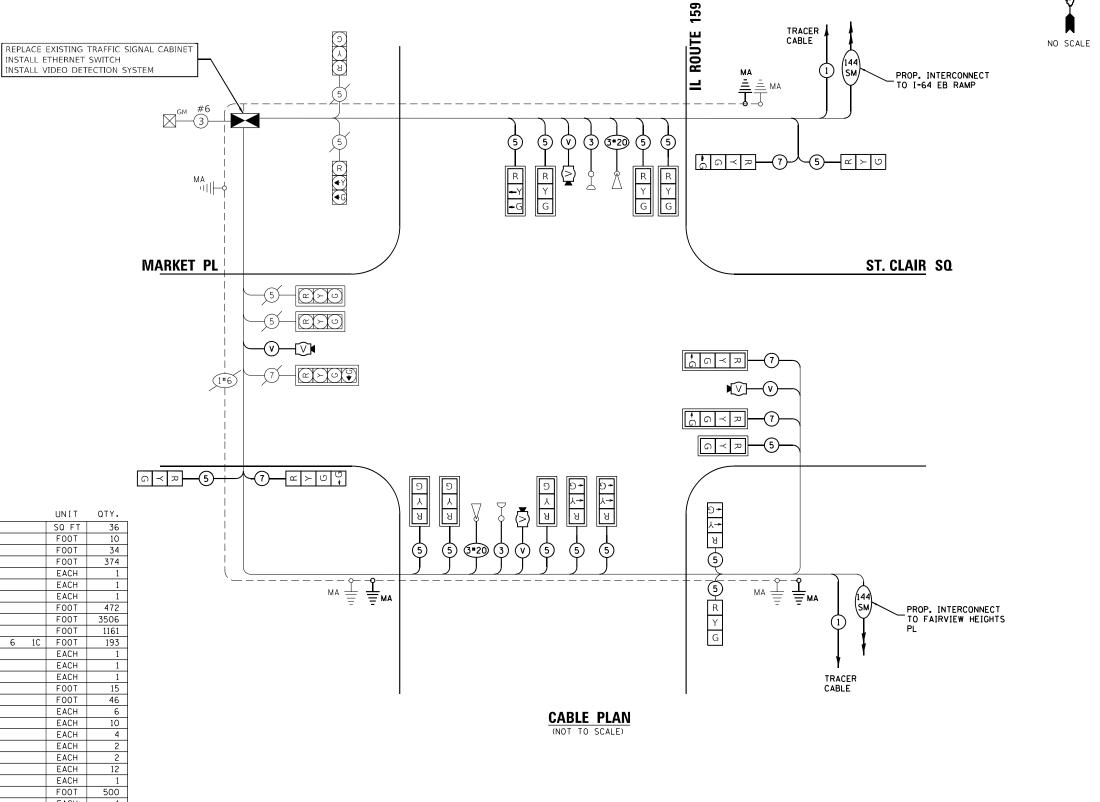
ite	ris

USER NAME = bfunk	DESIGNED - BF	REVISED -
	DRAWN - BF	REVISED -
PLOT SCALE = 100.0000 / in.	CHECKED - AD	REVISED -
PLOT DATE = 12/21/2023	DATE - 11/10/23	REVISED -

SOIL BORING LOGS		F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	
L ROUTE 159 AND I-64 EB RAN	MDS	600	(130, 130-1, 130-2)TS-3, 82-5TS	ST. CLAIR	47	21
E HOOTE 133 AND 1-04 ED HAP			CONTRACT	NO. 76	5R78	
ET OF SHEETS STA.	TO STA.		ILLINOIS FED. /	AID PROJECT		







SCALE:

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
RELOCATE SIGN PANEL - TYPE 1	SQ FT	36
LOCATING UNDERGROUND CABLE	FOOT	10
UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	34
UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	374
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	472
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	3506
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1161
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	193
STEEL MAST ARM ASSEMBLY AND POLE, 54 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 60 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 70 FT.	EACH	1
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	15
CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	46
DRILL EXISTING HANDHOLE	EACH	6
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	10
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	2
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	12
RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	500
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	4
EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	472
VIDEO DETECTION SYSTEM	EACH	1
ETHERNET SWITCH	EACH	1

st nominal quantity to be used as needed and as approved by engineer



USER NAME = bfunk	DESIGNED - AD	REVISED -
	DRAWN - AD	REVISED -
PLOT SCALE = 100.0000 / in.	CHECKED - BF	REVISED -
PLOT DATE = 2/27/2024	DATE - 2/26/24	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL CABLE PLAN											
IL ROU	IL ROUTE 159 AND MARKET PLACE /ST. CLAIR SQUARE										
	SHEET	OF	SHEETS	STA		TO STA.					

Page $\underline{1}$ of $\underline{1}$

Date 1/22/01

ROUTE FAP 600 DESCRIPTION SECTION 130-1RS, 130-1I-TS-2									
SECTION130-11-13-2		CAII	ON _	1444 17	4, 3E	5. 21, 1WF. 2N, KNO. O	VV, 3 F W	****	
COUNTY St. Clair DF	RILLING) ME	THOD	-		Hand Auger	HAMMER	TYPE	DCP
STRUCT. NO. Station BORING NO. HA 1 NW Quad Station 23+35 Offset 70.00ft Left	_	D E P T H	L O W S	U C S Qu	M O I S T	Surface Water Elev. Stream Bed Elev. Groundwater Elev.: First Encounter Upon Completion	574.1	_ ft ▼ _ ft	
Ground Surface Elev. 580.6	n	(it)	(10.)		2 7	After Hrs		_ n	
Brown and Black LOAM		_		1.0	20				
		_	8	1.75	23				
	577.6	_		1.75	30				
Brown Clay LOAM	576.6		8	2.0	27				
Brown Yellow CLAY		-5		0.75	28				
	574.6		7	0.5	31				
Gray Yellow CLAY		<u>Ā</u>		0.8	31	49			
Talente . Substitution of the	572.6	_	7	1.25	29				
Gray Silty CLAY	571.6	_		0.5	31				
End of Hand Auger		-10							
Pocket Penetrometer used for Qu		_							
"N" values shown are calibrated from a curve converting dynamic cone N to SPT "N". Reference ASTM STP 399		_							

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)



ROUTE FAP 600 DESCRIPTION

SOIL BORING LOG

Page 1 of 1

Traffic Signals at IL 159 and Market Place / Mali Entrance in Fairview Heights LOGGED BY Brett Schwalb

COUNTY St. Clair DF	RILLING	ME	THOD	-		Hand Auger	HAMMER TYPE	DCP
STRUCT. NO. Station HA 2 SW Quad		P T H	W	U C S Qu (tsf)	M O I S T	Surface Water Elev. Stream Bed Elev. Groundwater Elev.: First Encounter Upon Completion After Hrs.	ft ▼	
Brown/Yellow Silty LOAM	579.9			No	20			
Black LOAM	578.9	_	5	Test 0.75	25			
Brown/Yellow Clay LOAM				2.0	27			
	576.9	_	8	2.25	28			
Yellow Silty CLAY	0.0.0	-5		1.0	29			
Si destri fundati successi ¥ki basi ulkukuk	574.9		7	0.75	32			
Gray Yellow Silty CLAY		<u>_</u>		1.2	31			
		_	9	1.0	30			
			0	1.25	30			
		-10	9	1.8	29			
Gray with Yellow Silty CLAY	569.9	_		1.5	29			
Stay with reliew Sitty OEAT				1.25	30			
Black Silt LOAM with Gray	567.9			1.2	32			
End of Hand Auger	566.9	1			41			
Pocket Penetrometer used for		15						
'N" values shown are calibrated from a curve converting dynamic cone N to SPT "N". Reference ASTM STP 399	3							
The blows to set the DCP are not		-						

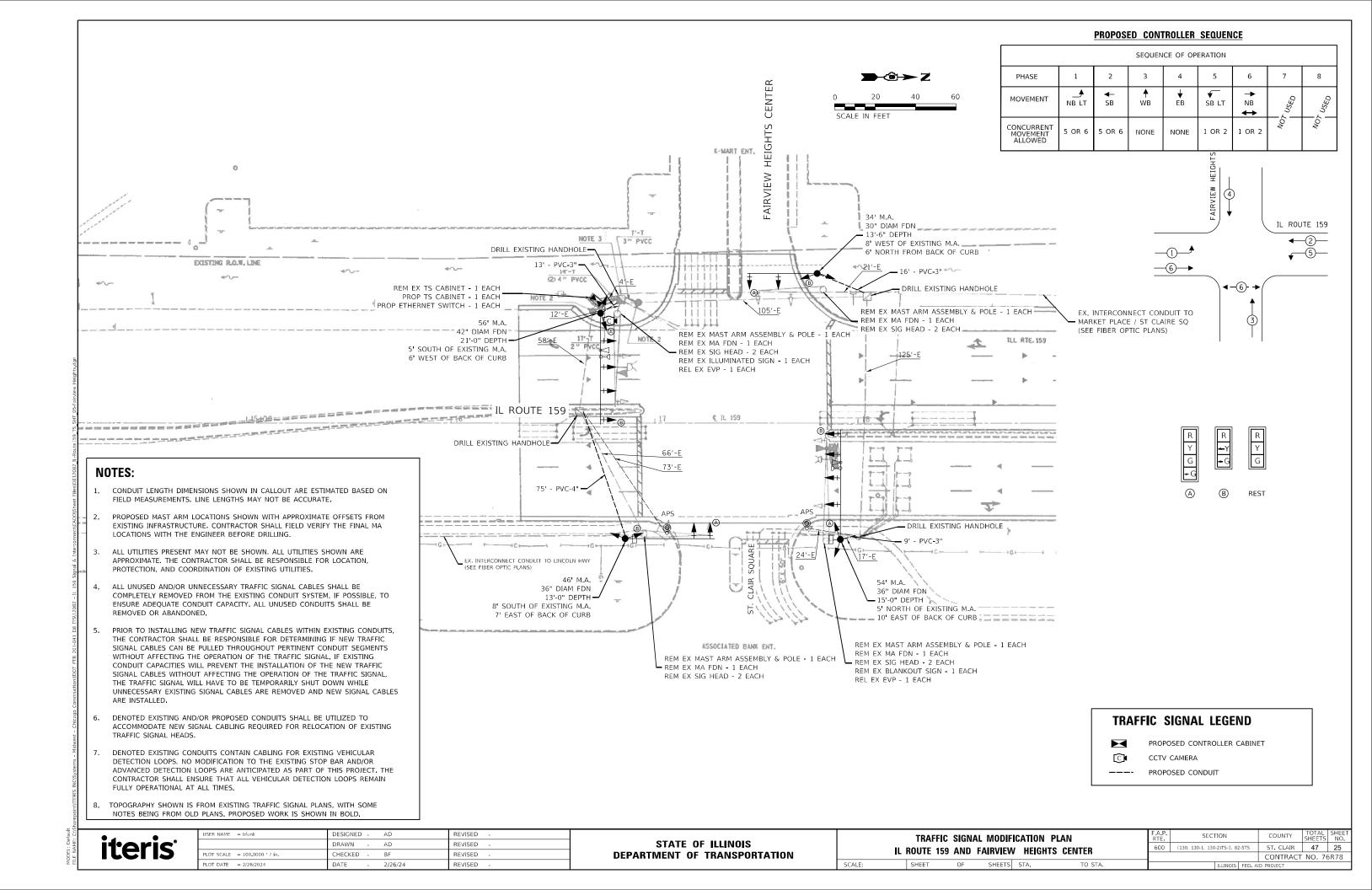
The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

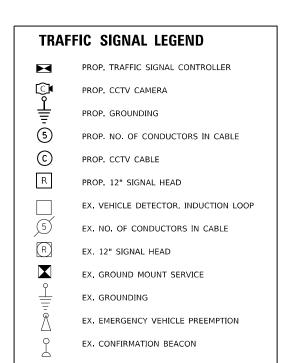
BBS, from 137 (Rev. 8-99)



The blows to set the DCP are not included in the blow count.

USER NAME = bfunk	DESIGNED -	BF	REVISED -
	DRAWN -	BF	REVISED -
PLOT SCALE = 100.0000 / in.	CHECKED -	AD	REVISED -
PLOT DATE = 12/21/2023	DATE -	11/10/23	REVISED -



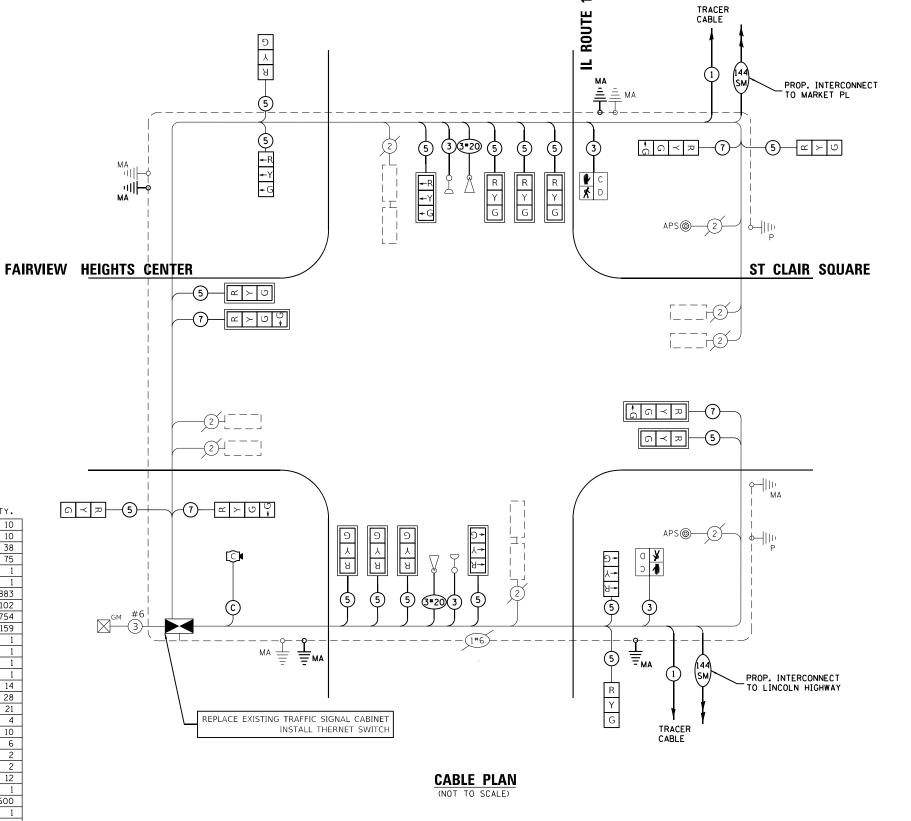


SCHEDULE OF QUANTITIES

RELOCATE SIGN PANEL - TYPE 1 LOCATING UNDERGROUND CABLE	SQ FT FOOT FOOT	10 10 38
	FOOT	
THE PROPERTY OF THE PARTY OF TH		38
UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	
UNDERGROUND CONDUIT, PVC, 4" DIA.		75
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	883
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	3102
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	754
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 10	FOOT	159
STEEL MAST ARM ASSEMBLY AND POLE, 34 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 54 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 56 FT.	EACH	1
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	14
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	28
CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	21
DRILL EXISTING HANDHOLE	EACH	4
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	10
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	6
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	2
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	12
RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	500
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	4
EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	424
ETHERNET SWITCH	EACH	1
CLOSED CIRCUIT TELEVISION DOME CAMERA, HD	EACH	1

*NOMINAL QUANTITY TO BE USED AS NEEDED AND AS APPROVED BY ENGINEER

LOT DATE = 2/26/2024



NO SCALE

DESIGNED - AD REVISED SECTION COUNTY TRAFFIC SIGNAL CABLE PLAN STATE OF ILLINOIS DRAWN -AD REVISED 600 (130, 130-1, 130-2)TS-3, 82-5TS ST. CLAIR 47 26 IL ROUTE 159 AND FAIRVIEW HEIGHTS CENTER CHECKED REVISED **DEPARTMENT OF TRANSPORTATION** CONTRACT NO. 76R78 REVISED OF SHEETS STA. DATE 2/26/24

Page 1 of 1

4/5/90

of Highways epartment of Transportation	original:	IL 158 + ST CLAIR/ venture Entrance	D
	Citalinet's	De l'il venive chiance	

			- 1		100		7 70	in a contract				
ROUTE	FAP 600 DE	SCRIPTIO	N	IL 1	59 at 3	St. Cla	ir Square in Fairview He	eights LOGGI	ED B	Υ	L. For	rd
SECTION _	_130-1-l-2	LO	CAT	ON _	NW 1/	4, SE	C. 27, TWP. 2N, RNG. 8	W, 3 PM		-		
COUNTY _	St. Clair	DRILLING	3 ME	THOD	2	Но	llow Stem Auger	HAMMER TYPE		140# A	utoma	itic
STRUCT. NO	D		D E	B	Ü	M	Surface Water Elev Stream Bed Elev.	ft ft	D E	B	U	M
BORING NO	. 2 NE Quad		P T H	W S	S Qu	S	Groundwater Elev.: First Encounter	#	T H	W S	S Qu	S
Offset	55.00ft R).7 ft	(ft)	(/6")	(tsf)	(%)	Upon Completion _ After Hrs.	ft ft	(ft)	(/6")	(tsf)	(%)

Brown Silty CLAY	_	_			Gray Peaty SIL1 (continued)		1	S/15	30
	579.2				559	.2			
Brown Fill SAND	-	3			Gray Clayey StLT		1		
	_	5		-			2	1.0	29
	_	6	NC		-		3	S	
	_	5 WR				-25	1		
	_	6	NC	-	554	5	2	1.3 S/15	28
			.,,0		334.	, I		0.10	

END OF BORING

5/3	2			100		
		2	NC /			
rown and Gray Clayey SILT		4	0.5	28		
			S			_
	_	1				
	-10	3	1.2	28		
	-	4	S/15	20		1-
		<u> </u>	0/10	-		-
	-		1	il		75
	-	4				

2 S **Gray Peaty SILT** 0.4 60 S/10 2 0.5 45 3 S/10

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)



SOIL BORING LOG

Page 1 of 1

origined soil borings have IL 159 + 57 Date 4/5/90

clair/Venture entrance

It St. Clair Square in Fairview Heights LOGGED BY L. Ford FAP 600 DESCRIPTION IL 159 at St. Clair Square in Fairview Heights

LOCATION NW 1/4, SEC. 272, TWP. 2N, RNG. 8W, 3 PM 130-1-I-2 St. Clair_ **DRILLING METHOD** HAMMER TYPE D Surface Water Elev. STRUCT. NO. E P E L C 0 C Stream Bed Elev. P S 0 T T W S BORING NO. Groundwater Elev.: H Qu Qu S S First Encounter Station 17+62 41.00ft R **Upon Completion** Offset ft (ft) (/6") (tsf) (%) (tsf) (%) Ground Surface Elev. 578.8 After Gray SILT (continued) 2 0.7 26 3 S/10 Brown Silty CLAY 2 0.8 28 4 1.5 26 2 S/15 7 S/10 Brown and Gray SILT 2 0.8 31 2 0.7 26 3 S/15 3 S/15 END OF BORING 2 0.7 28 2 S 2 0.4 28 2 S Loss on Ignition 10.1% Gray and Brown Peaty SILT 3 0.8 35 4 S/10 Loss on Ignition 9.4% 3 0.7 31 6 S/5 Loss on Ignition 7.2% 2 1.0 37 3 S/10

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

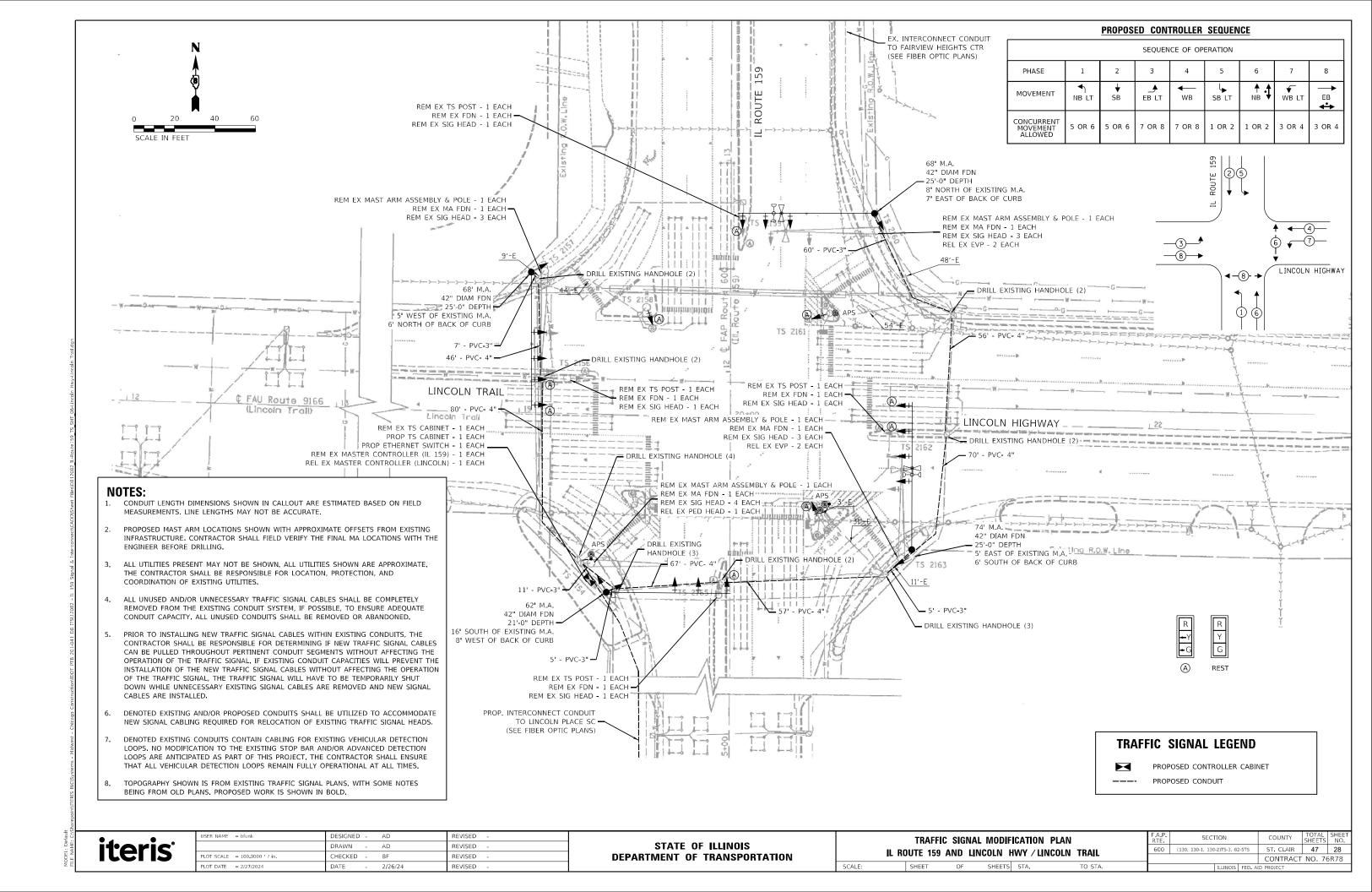
CONTRACT NO. 76R78



USER NAME = bfunk	DESIGNED -	BF	REVISED	-
	DRAWN -	BF	REVISED	-
PLOT SCALE = 100.0000 / in.	CHECKED -	AD	REVISED	-
PLOT DATE = 12/21/2023	DATE -	11/10/23	REVISED	-

Gray SILT

ST. CLAIR 47 27



NOTES:

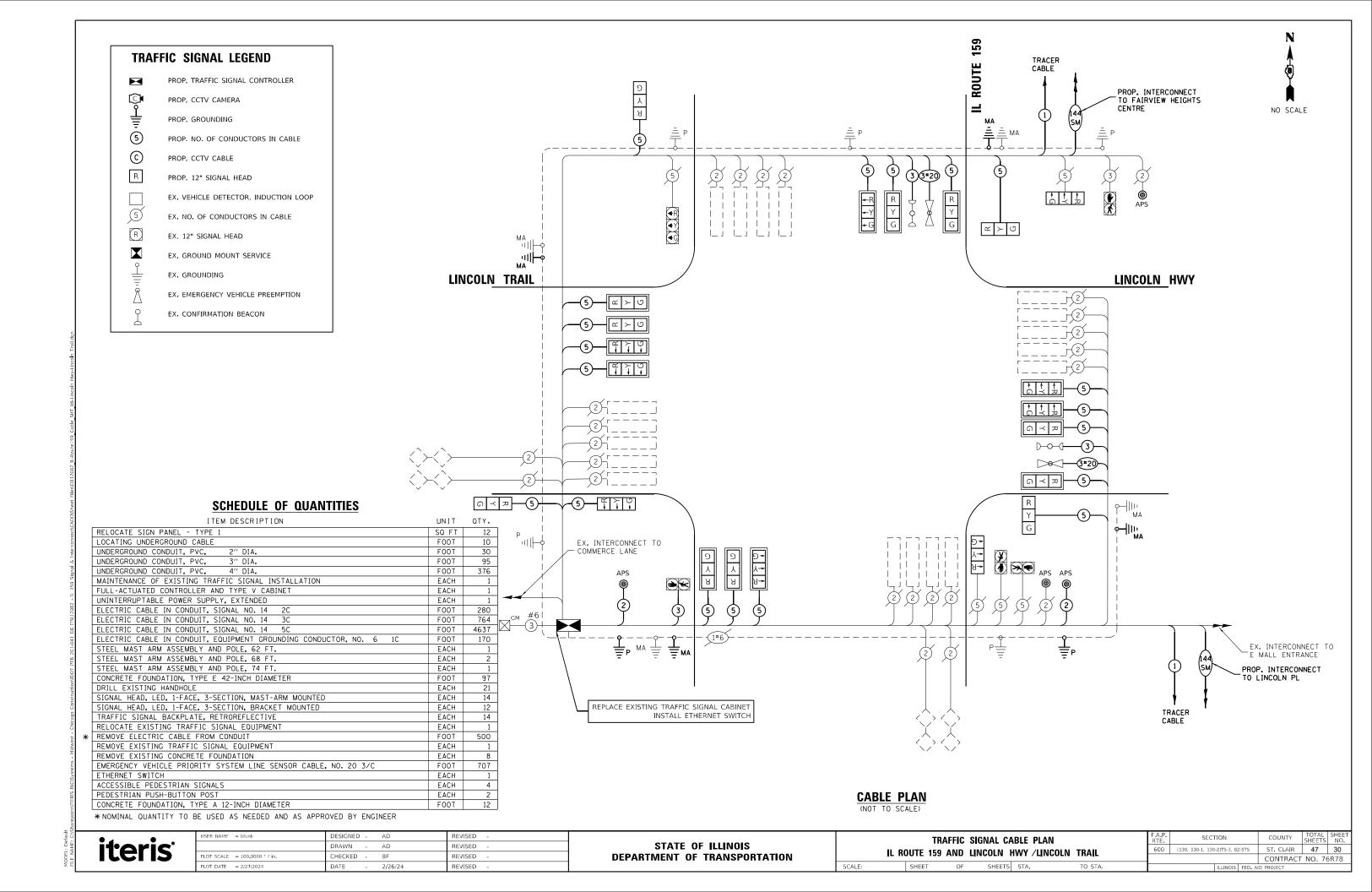
1. PEDESTRIAN PUSH BUTTON POSTS TO BE FIELD-LOCATED IN COORDINATION WITH THE ENGINEER.



USER NAME = bfunk	DESIGNED - AD	REVISED -
	DRAWN - AD	REVISED -
PLOT SCALE = 100.0000 / in.	CHECKED - BF	REVISED -
PLOT DATE = 7/22/2025	DATE - 2/26/24	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

	TRAFFI	L MODIF	F.A.P. RTE	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.			
II R	OUTE 159	NICOLN H	600	(130, 130-1, 130-2)TS-3, 82	-5TS	ST. CLAIR	47	29			
IL III	JUIL 133	AND L	INCOLIN II	IVVI / LIIVO		CONTRACT NO. 76R78					
	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS	FED. AI	D PROJECT		



(PP)	Illinois Department
(A)	of Transportation
	Division of Highways

Page 1 of 1

Date 7/11/91 Traffic Signals at IL 159 and Lincoln Trail in ROUTE FAP 600 DESCRIPTION Fairview Heights LOGGED BY L. Ford LOCATION SW 1/4, SW 1/4, SEC. 22, TWP. 2N, RNG. 8W, 3 PM St. Clair **DRILLING METHOD** COUNTY В Surface Water Elev. STRUCT. NO. L C C Е 0 20+00=11+78 Stream Bed Elev. Station S W 1 SW Quad S Qu Qu T First Encounter 19+25 58.00ft R (Lincoln) Offset **Upon Completion** (/6") (tsf) (%) (ft) (/6") (tsf) (%) Ground Surface Elev. 574.6 After Hrs. Gray Very Silty CLAY (continued) 1.4 Brown and Gray Very Silty CLAY В 553.5 END OF BORING 3 1.0 21 4 S/10

0.5 32

2 S/15

	2		
_	4	1 1	
		1.1	27
	4	S/15	1
-			
-10	2		
	3	1.5	28
	4	S/15	
		10 2	10 2 3 1.5

Brown Peaty SILT (with Some 50 1.6 \$/5 5 1.4 59 8 \$/10 Gray Very Silty CLAY 2 0.4 30 3 S/15

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)



SOIL BORING LOG

Page 1 of 1

Date 7/11/91

ROUTE FAP 600 DESCRIPTION					at IL 159 and Lincoln Trail in airview Heights					
SECTION 130-1R LO	DCAT	ION _	SW 1/	4, \$W	1/4, SEC. 22, TWP. 2N, RNG.	8W, 3 PM				
COUNTY St. Clair DRILLIN	IG ME	THOD	-	Но	llow Stem Auger HAN	MER TYPI	_	140# A	utoma	tic
STRUCT. NO. 20+00=11+78	D E P T H	8 L O W S	U C S Qu (tsf)	M O I S T	Surface Water Elev. Stream Bed Elev. Groundwater Elev.: First Encounter Upon Completion After Hrs.	667.8 ft	P	L O W S	U C S Qu (tsf)	M 0 1 S T
Brown Silty SAND (BACKFILL)	1				Gray Very Silty CLAY (contin		-	3	0.9	25
brown only of the (British Real)	_				END OF BORING	550		4	S	
	_	1 1	NC	-			_			
		1					25		9	
565. Gray and Brown Peaty Clayey	<u> </u>	1	NC					-		
SłLŤ (with Some Wood)		1 3 6	1.1 S/5	53			_			
(13.9% LOSS ON IGNITION)	10	2 5 8	1.2 S/10	55			30			
		1 3	1.2	43			_			
557.0		6	S/10				_	-		
Gray Very Silty CLAY	15	1 3 4	0.5 S	29			36			
		1	3							
		3	1.4 S	28				-		
	-20						-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)



Gray Clayey SILT

USER NAME = bfunk	DESIGNED	-	BF	REVISED	-
	DRAWN	-	BF	REVISED	-
PLOT SCALE = 100.0000 / in.	CHECKED	-	AD	REVISED	-
PLOT DATE = 12/21/2023	DATE	-	11/10/23	REVISED	-

ST. CLAIR 47 31 CONTRACT NO. 76R78

(P)	Illinois Department of Transportation
	Division of Highways

Page <u>1</u> of <u>1</u>

ROUTE FAP 600 DESCRIF									-	L. 1 0	u
SECTION 130-1R											
COUNTY St. Clair DRIL	LING ME	THOD		Но	llow Stem Auger	HAMMER	TYPE		140# A	utoma	tic
STRUCT. NO. Station 20+00=11+78	D E P T H	B L O W S	U C S Qu (tsf)	M O I S T	Surface Water Elev. Stream Bed Elev. Groundwater Elev.; First Encounter Upon Completion After 2 Hrs.		_ ft _ ft	D E P T H	L O W S (/6")	U C S Qu (tsf)	M O I S T
(Brown Sand Backfill Near 20"	_						CC4 C		3	1.3 S/15	25
Ductal Iron Watermain)	568.7				END OF BORING	13	551.5		4	0/10	
Gray and Brown Very Silty CLAY		1						-25			
	-	2 3	0.4 S/15	31				_			
	_	1						_			
	_	3	1.0 S/15	30				_			
		2	1.8	29							
	561.7	4	S								
Gray and Brown Peaty Clayey SILT	35.000	2						-			
	-	3 6	1.0 S/5	61							
E S	557.815	2						-35		ų.	
Gray Very Silty CLAY		2 3	0.5 S	28							
Semi-Saturated 556.8-553.4	_										
		2	0.6	30							
		2	S/15								

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)



SOIL BORING LOG

Page 1 of 1

Date 7/11/91

						at IL 159 and Lincoln Trail in airview Heights				
SECTION 130-1R	_ LO	CATI	ION _	SW 1/	4, SW	1/4, SEC . 22, TWP. 2N, RNG. 8W,	3 PM			
COUNTY St. Clair DF	ILLING	ME	THOD		Но	llow Stem Auger HAMMER	TYPE	140# A	utoma	itic
STRUCT. NO	_	D E P	B L O	U C S	M 0 1	Surface Water Elev Stream Bed Elev	_ ft E	L	U C S	0
BORING NO. 4 NE Quad Station 20+67 Offset 56.00ft L (Lincoln)		Н	S	Qu	S	Groundwater Elev.: First Encounter	_ ft ▼ 1	S	Qu	S T
Ground Surface Elev. 573.1	ft	(Itt)	(/6")	(tsf)	(%)	After 0.25 Hrs. 566.3 Brown and Gray Very Silty CLAY		2	(tsf) 0.8	29
Gray and Brown Sandy Very Silty CLAY		_				(continued)	10.0	_	S	28
OL/ II		_	5			END OF BORING	_			\$
		-	6	1.1	18			-		
			5	S/5			_		1	
	<u>569.1</u>						_	-		
Brown and Gray Silty CLAY		-5					2	25	ĺ	
			2 2	0.9 S/15	28		-	-		
				0.10			_			
		<u>Ā</u> _	1				_	-		
		-	2	1.0	28		-	- 1		
		3000	3	S/15			5			
						¥.	-	-		
		-10						30		
		-	2	1.3 S/15	28			-		
	561.6	V .	-	0, 10			-	⊣		
Gray and Brown Clayey SILT			1					-		
END F.W.		-	2	0.4	33		-	-		
			2	S/10						
							-	-		
		-15	2).	3	35		
		_	4	1.1 S/10	30		l e	-		
	556.6		•	0.10			-			
Brown and Gray Very Silty CLAY			1				_	-		
SIOWITATIO GRAY VERY SILLY CLAT		_	2	0.4	32		-			
			2	S/15			-	1		
		_					-	+		
		-20	1		V		-4	ю		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

SCALE:

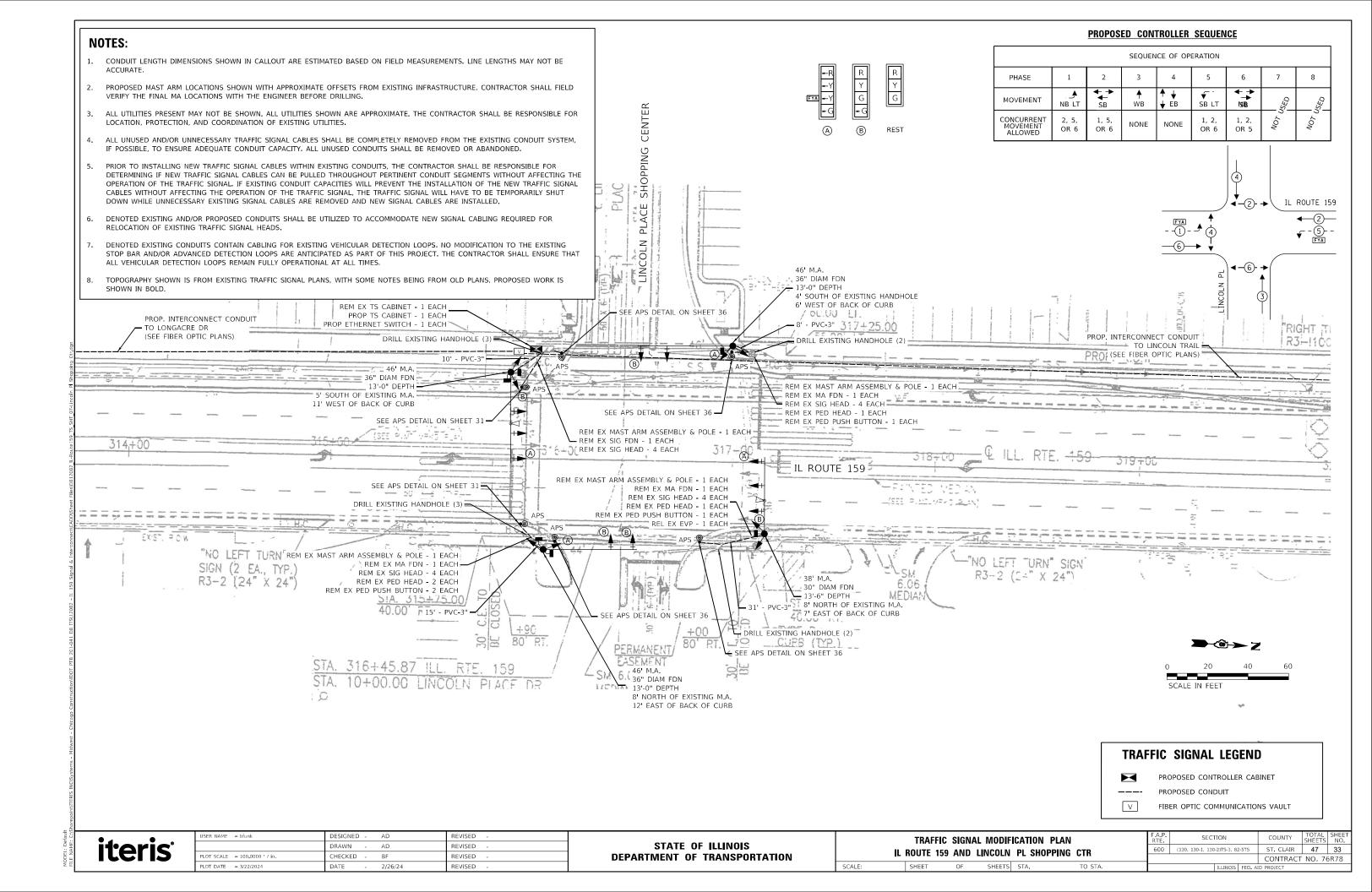
BBS, from 137 (Rev. 8-99)

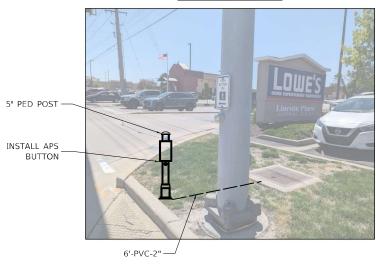


USER NAME = bfunk	DESIGNED	-	BF	REVISED -
	DRAWN	-	BF	REVISED -
PLOT SCALE = 100.0000 / in.	CHECKED	-	AD	REVISED -
PLOT DATE = 12/21/2023	DATE	-	11/10/23	REVISED -

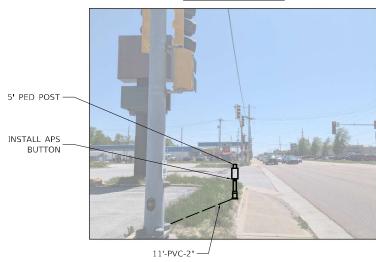
	SOIL BORING LOGS								
IL ROUTE 159 AND LINCOLN HWY / LINCOLN TRAIL									
JE 111	IE HOOTE 133 AND ENVOCENTIANT / ENVOCENTIANE								
	SHEET	OF	SHEETS	STA.	TO STA.				

F.A.P. RTE	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
600	(130, 130-1, 130-2)TS-3, 82	-5TS	ST. CLAIR	47	32
			CONTRACT	NO. 76	5R78
	ILLINOIS	FED. AI	D PROJECT		

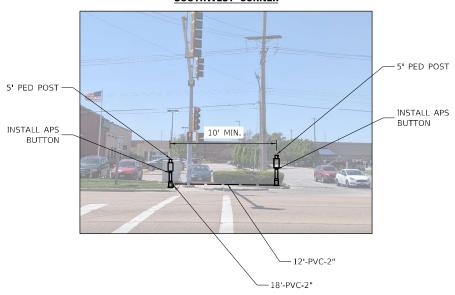




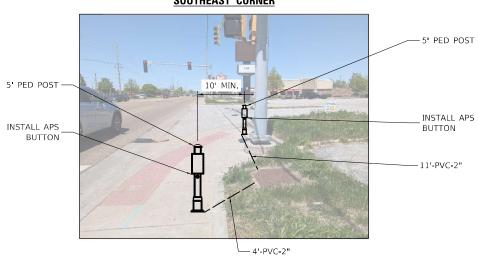




SOUTHWEST CORNER



SOUTHEAST CORNER



NOTES:

1. PEDESTRIAN PUSH BUTTON POSTS TO BE FIELD-LOCATED IN COORDINATION WITH THE ENGINEER.



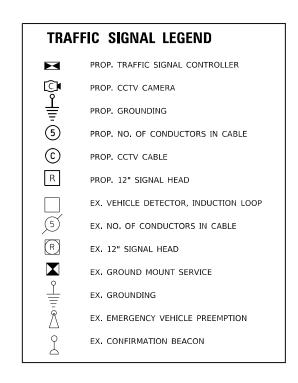
	USER NAME = bfunk	DESIGNED	-	AD	REVISED -
		DRAWN	-	AD	REVISED -
	PLOT SCALE = 100.0000 / in.	CHECKED	-	BF	REVISED -
	PLOT DATE = 2/26/2024	DATE	-	2/26/24	REVISED -
7					

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

	TRAFFIC SIGNAL MODIFICATION PLAN						SECTION
п	ROUTE 1	150 AND	LINCOLN	PL SHOPPING	CTR	600	(130, 130-1, 130-2)TS-3, 82-57
	HOUTE	IJS AND	LINCOLIN	I L SHOI I HAG	O I II		
	SHEET	OF	SHEETS	STΔ	TO STA.		ILLIMOIS FE

COUNTY TOTAL SHEET NO.

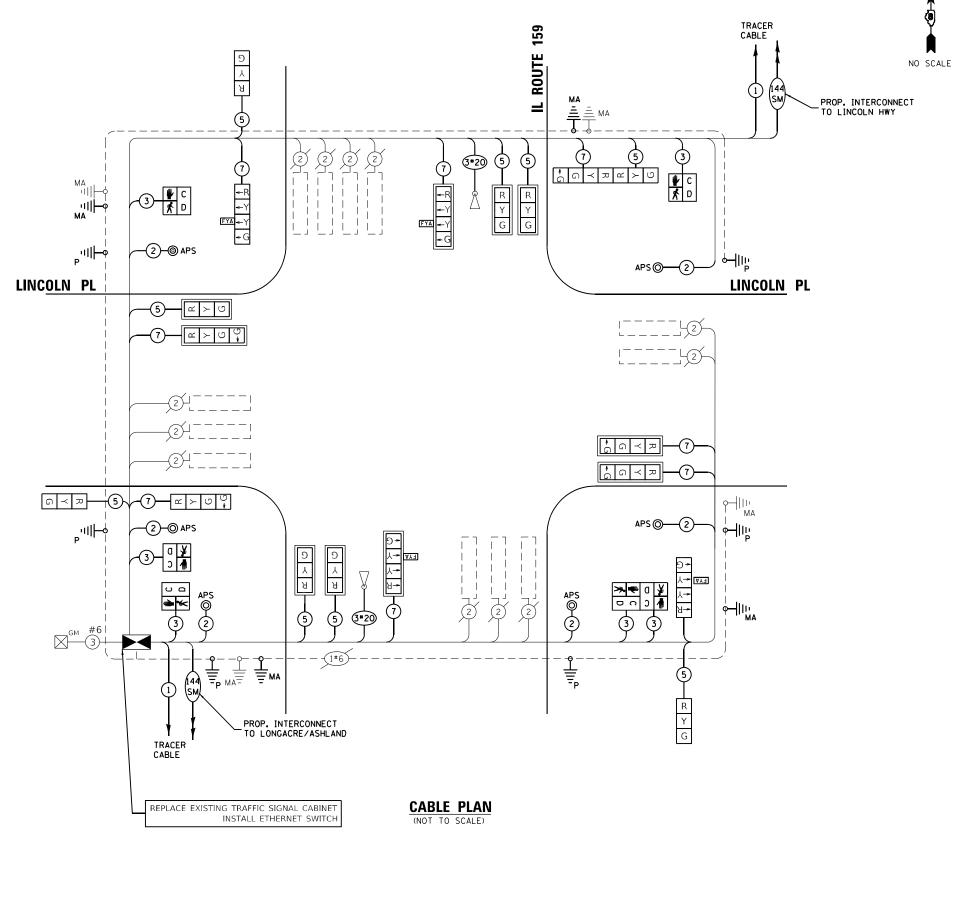
STS ST. CLAIR 47 34 COUNTY CONTRACT NO. 76R78



SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
SIGN PANEL - TYPE 1	SQ FT	30
RELOCATE SIGN PANEL - TYPE 1	SQ FT	17
LOCATING UNDERGROUND CABLE	FOOT	10
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	69
UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	64
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	737
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	789
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1548
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1617
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	248
STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	3
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	14
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	39
DRILL EXISTING HANDHOLE	EACH	10
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	5
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	5
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2
PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	10
RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	500
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	4
EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	364
ETHERNET SWITCH	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	6
PEDESTRIAN PUSH-BUTTON POST	EACH	6
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	24

*NOMINAL QUANTITY TO BE USED AS NEEDED AND AS APPROVED BY ENGINEER





 USER NAME
 = bfunk
 DESIGNED
 AD
 REVISED

 PLOT SCALE
 = 100,0000 ' / in.
 CHECKED
 BF
 REVISED

 PLOT DATE
 = 2/26/2024
 DATE
 2/26/24
 REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

 TRAFFIC SIGNAL CABLE PLAN
 F.A.P. RTE.
 SECTION

 IL ROUTE 159 AND LINCOLN PL SHOPPING CTR
 600 (130, 130-1, 130-2)TS-3, 82-5TS

 SHEET OF SHEETS STA. TO STA.
 TO STA.
 ILLINOIS FEE

Page 1 of 1

Date 9/25/23

(130, 130-1, SECTION 130-2)TS-3	LOCA	ATION	SEC.	. TWI	P RNG 3 PM		
COUNTY St. Clair DR						HAMMER TYPE	Auto
<u> </u>				i i	T	_ TANTOLIS TITL	Auto
STRUCT. NOStation	_	D B E L P O	C S	M 0 1	Surface Water Elev. Stream Bed Elev.	n/a ft ft	
BORING NO. 8-1 NE Station Offset		T W H S	Qu	S	Groundwater Elev.: First Encounter Upon Completion	n/aft	
Ground Surface Elev. ft 100	ft (ft) (/6")	(tsf)	(%)	After Hrs.		
8.5" Asphalt	99.3		2	¥.			
Dark Brown Silty Clay		4	2.25	23	-		
	-	3	Р				
	-			£			
	96.0 _	WH					
Becomes Grayish Brown		1 2	2.5 P	28			
Booting Oldyfoli Brown	_	-5 2	<u> </u>		-		
		- _{wh}					
		1	0.83	29			
	-	2	В				
	-						
	_	1					
		2 3	2 P	27			
	1	-10 3	<u> </u>		-		
	89.0	WH					
Dark Brown Clayey Silt		WH	2	66	1		
	122.2	WH	Р				
	87.0						
becomes wet	_	2					
	05.0	2	2 P	57			
	85.0	-15 3	-210		1		
End of Boring	_			:			
		-					
	-						
	_						
		_					

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)



SOIL BORING LOG

Page 1 of 1

Date 9/25/23

		B L O W			P., RNG., 3 PM HSA		TYPE	Auto
ft	D E P T	B L O W	U	М			TYPE	Auto
ft	E P T	L O W	С	50/600				
 ft		S. Carriero		1	Surface Water Elev. Stream Bed Elev.	n/a	ft ft	
	(ft)	S (/6")	Qu (tsf)	S T (%)	Groundwater Elev.: First Encounter Upon Completion After Hrs.		_ ft	
				V	Aiter ins.			
		2						
	\equiv	2		25				
	_	4	Р					
08.0	_	1						
90.0		1		28				
	-5	2	Р					
		WH						
	_	2	Charles and	27				
		2	В					
		2						
		2	0.57	27				
	-10	3	В					
89.0	-							
		1	4.75	-00				
		200	1.75 P	68				
86.5	-	2						
	-	3	1	59				
85.0	-15	4	Р					
	-							
	_							
	dago							
	89.0	-10 89.0 86.5	96.0 1 1 1 2 2 3 86.5 2 3	96.0 2 2.25 4 P 96.0 1 1.25 -5 2 P WH 2 0.44 2 B -2 2 0.57 -10 3 B 89.0 1 2 1.75 3 P 86.5 2 2	96.0 2 2.25 25 4 P 25 4 P 25 4 P 25 28 2 P 25 2 P 25 2 P 25 25 2 P 25 2	96.0 1 1 1,1.25 28	2 2.25 25 4 P 96.0 1 1.25 28 -5 2 P WH 2 0.44 27 2 B 2 2 0.57 27 -10 3 B 89.0 1 2 1.75 68 3 P 86.5 2 3 1 59	96.0 1 1 1.25 28 -5 2 P WH 2 0.44 27 2 B -2 2 0.57 27 -10 3 B 89.0 1 2 1.75 68 3 P 86.5 2 3 1 59

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)



USER NAME = bfunk	DESIGNED	-	BF	REVISED -
	DRAWN	-	BF	REVISED -
PLOT SCALE = 100.0000 / in.	CHECKED	-	AD	REVISED -
PLOT DATE = 12/21/2023	DATE	-	11/10/23	REVISED -

		SOIL	BORING	LOGS		F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IL ROUTE 159 AND LINCOLN PL SHOPPING CTR				600	(130, 130-1, 130-2)TS-3, 82-5TS	ST. CLAIR	47	36		
IL.	IL HOUTE 135 AND ENGOEN PE SHOFFING CIN							CONTRACT	F NO. 76	5R78
	CHEET	O.E.	СПЕСТС	CTA	TO STA		NUMBER 555	AID DOOLEGE		



Page <u>1</u> of <u>1</u>

Date 9/21/23

(130, 130-1, SECTION 130-2)TS-3	LO	CATI	ON	SEC.	. TWF	P RNG 3 PM		
COUNTY St. Clair DRI								
COUNTY St. Clair DKI	LLING	MIC	INOD		ī	пом	HAWWER TIPE	Auto
STRUCT. NO		D E P	B L O	U C S	M 0 1	Surface Water Elev. Stream Bed Elev.	n/a ft ft	
BORING NO. B-3 SW Station Offset	_	H	S S	Qu	S T	Groundwater Elev.: First Encounter Upon Completion	n/aft	
Ground Surface Elev. ft 100	_ ft	(ft)	(/6")	(tsf)	(%)	After Hrs.	ft	
3" Asphalt	99.8							
12" Concrete	98.8		4					
Brown & Gray Silty Clay		_	2	3.25	23	-		
			6	P	25			
	97.0	-				-		
	-							
Brown & Gray very soft Clayey Silt			1	0.04	20			
		9-	1	0.04 B	28			
	18	-5				-		
		_						
			1					
			1	0.13	29			
			2	В		_		
	91.0	-	WH	*				
	4 (1.9		1	0.09	29			
becomes moist		-10	2	В				
		-						
= = = = = = = = = = = = = = = = = = = 	89.0		1					
Brown Clayey Silt w/ organics			1	1	63			
			3	P				
					-			
		_						
			1	1.75	70	- -		
	85.0	-15	3	P	,,,			
	03.0	-10			-	1		
End of Boring					Ė			
		_						
		_						
		-						
						1		
			F.	1	1	II.		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)



SOIL BORING LOG

Page 1 of 1

Date __9/21/23

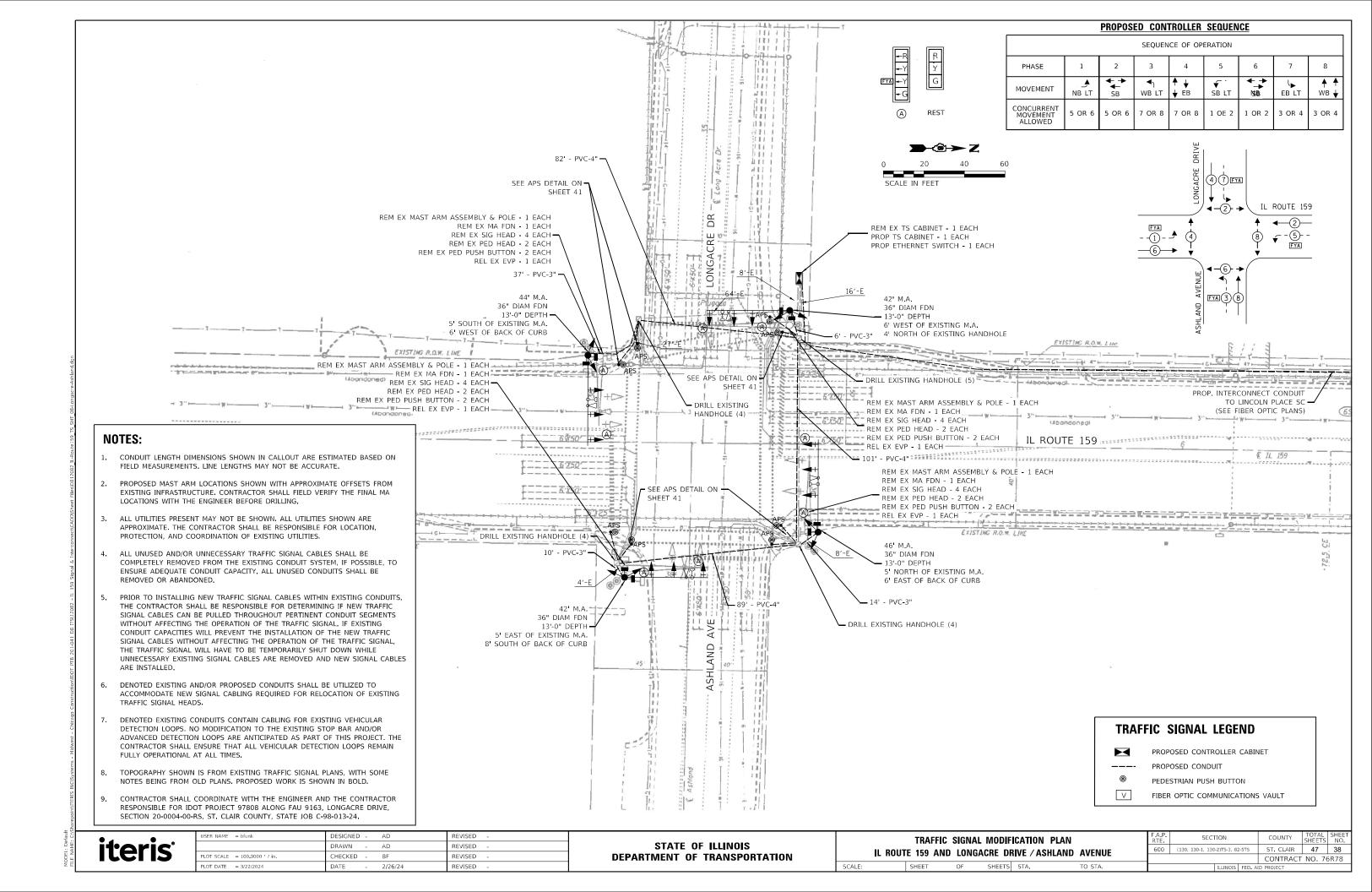
ROUTE FAP 600 (IL 159) DESCRI	PTIOI	N			IL 15	9 & Lincoln Place	LOGGED BY	KEG - MTH
(130, 130-1, 130-2)TS-3	LO	CATI	ON _	SEC.	TWF	P. , RNG. , 3 PM		
COUNTY St. Clair DR							HAMMER TYPE	Auto
STRUCT. NOStation	_	D E P	B L O	UCS	M 0 1	Surface Water Elev. Stream Bed Elev.	n/a ft ft	
BORING NO. B-4 NW Station Offset Ground Surface Elev. ft 100	_	H (ft)	S (/6")	Qu (tsf)	S T (%)	Groundwater Elev.: First Encounter Upon Completion After Hrs.	ft	
Ground Surface Elev. It 100			,,,,	(10.7	(70)	After Firs.	π	
10" Concrete 6" gravel agg base	99.2		3					
Brown well sorted coarse Sand Med dense	00	_	10	-	7			
		=						
			2 1	-	10			
	94.0	5	'	-				
Poor Recovery	_ 94.0	_	WH	-	14			
Fine grained Brown Silty Sand Med dense		_	WH	-	200			
	91.5		wн					
gray very soft Clayey Silt		-10	4	0.13 B	30			
	89.0	_	1					
Brown soft Clayey Silt			2	2.01 S	53			
becomes wet		_	3	3				
w/ organics		_	1					
	85.0	-15	1	1.75 P	53			
End of Boring		<u> </u>						
		_	-	e e				
		_						
		-20						

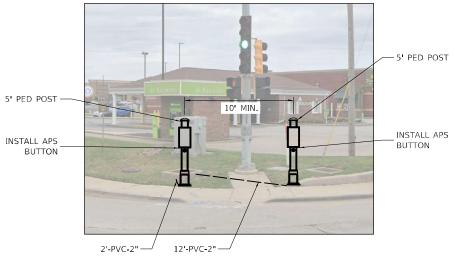
The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99) X

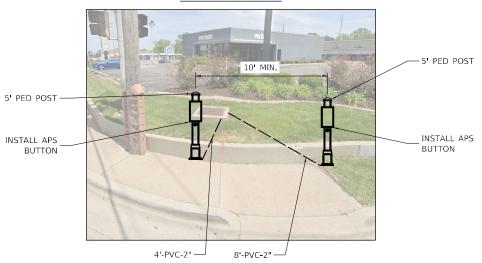


USER NAME = bfunk	DESIGNED	-	BF	REVISED	-
	DRAWN	-	BF	REVISED	-
PLOT SCALE = 100.0000 / in.	CHECKED	-	AD	REVISED	-
PLOT DATE = 12/21/2023	DATE	-	11/10/23	REVISED	-

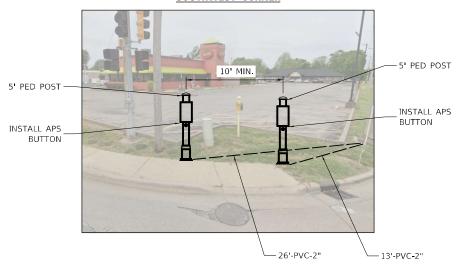




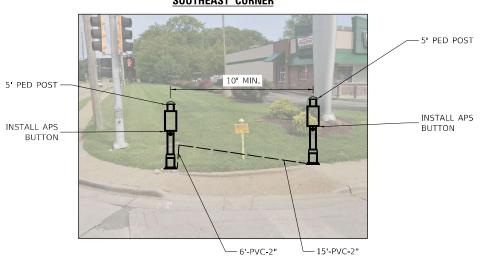




SOUTHWEST CORNER



SOUTHEAST CORNER



NOTES:

1. PEDESTRIAN PUSH BUTTON POSTS TO BE FIELD-LOCATED IN COORDINATION WITH THE ENGINEER.



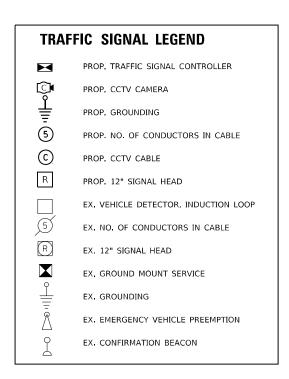
USER NAME = bfunk	DESIGNED	-	AD	REVISED -
	DRAWN	-	AD	REVISED -
PLOT SCALE = 100.0000 / in.	CHECKED	-	BF	REVISED -
PLOT DATE = 2/26/2024	DATE	-	2/26/24	REVISED -

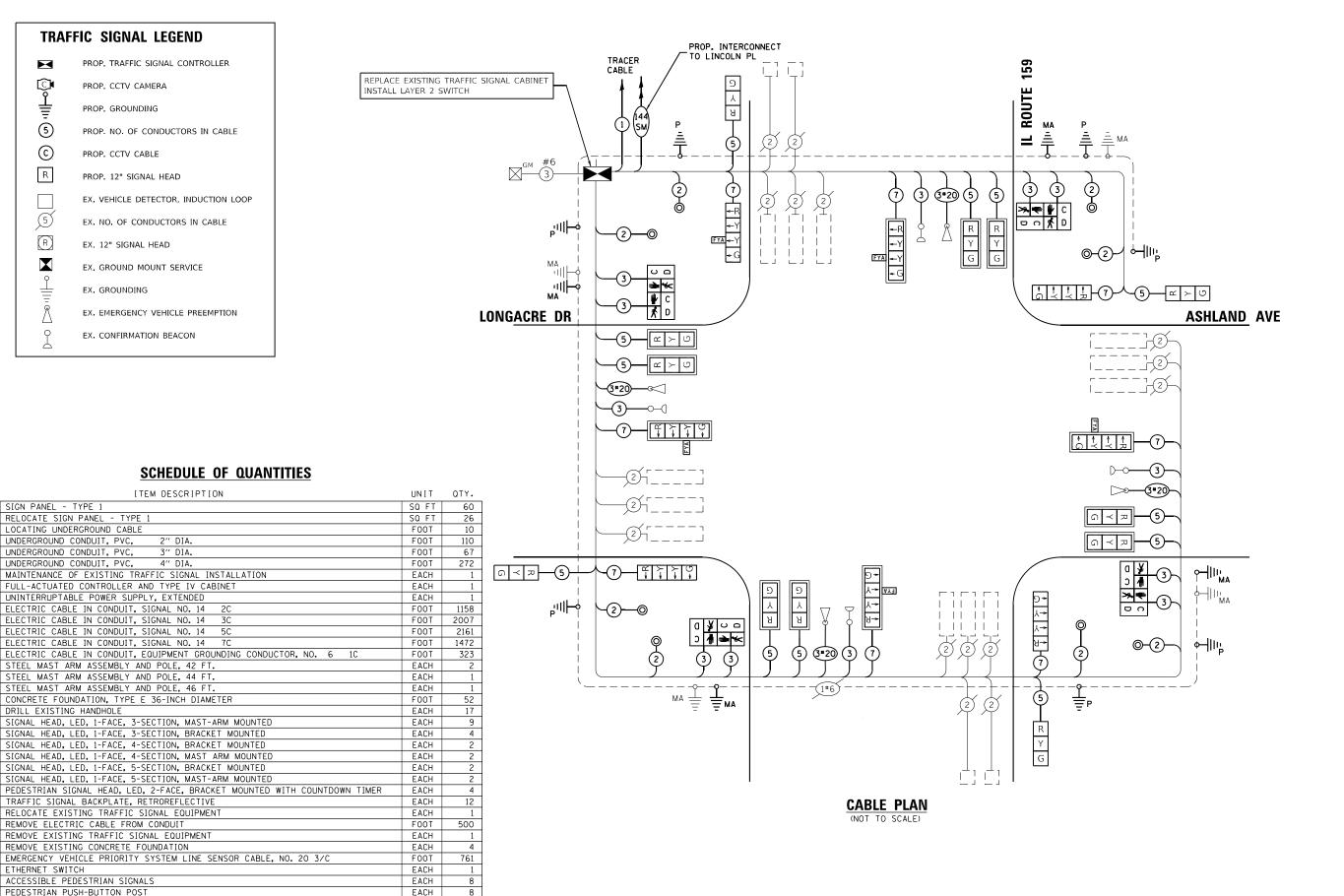
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTI				ICATION PLAN RIVE / ASHLAND AVENUE			
	SHEET	OF	SHEETS	STA	TO STA.		

F.A.P. RTE. SECTION COUNTY TOTAL SHEETS NO. 600 (130, 130-1, 130-2)TS-3, 82-5TS ST. CLAIR 47 39

| ILLINOIS | FED. AID PROJECT NO. 76R78





SCALE:

*NOMINAL QUANTITY TO BE USED AS NEEDED AND AS APPROVED BY ENGINEER

ITEM DESCRIPTION

3" DIA.

4" DIA.

MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION

FULL-ACTUATED CONTROLLER AND TYPE IV CABINET

ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C

ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C

CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER

SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED

SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED

SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED

SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED

SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED

SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED

UNINTERRUPTABLE POWER SUPPLY, EXTENDED

ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14

ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14

STEEL MAST ARM ASSEMBLY AND POLE, 42 FT.

STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.

STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.

TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE

RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT

CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER

REMOVE ELECTRIC CABLE FROM CONDUIT

REMOVE EXISTING CONCRETE FOUNDATION

ACCESSIBLE PEDESTRIAN SIGNALS

PEDESTRIAN PUSH-BUTTON POST



ETHERNET SWITCH

SIGN PANEL - TYPE 1

RELOCATE SIGN PANEL - TYPE 1

LOCATING UNDERGROUND CABLE

UNDERGROUND CONDUIT, PVC,

UNDERGROUND CONDUIT, PVC,

UNDERGROUND CONDUIT, PVC.

DRILL EXISTING HANDHOLE

USER NAME = bfunk	DESIGNED -	AD	REVISED -
	DRAWN -	AD	REVISED -
PLOT SCALE = 100.0000 / in.	CHECKED -	BF	REVISED -
PLOT DATE = 7/22/2025	DATE -	6/20/24	REVISED -

FOOT

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

	N					
IL ROUT	TE 159	AND LONG	GACRE DE	RIVE /AS	HLAND AVENUE	
	SHEET	OF	SHEETS	STA	TO STA.	

SECTION COUNTY 600 (130, 130-1, 130-2)TS-3, 82-5TS ST. CLAIR 47 40 CONTRACT NO. 76R78

NO SCALE



Bridge Foundation Boring Log

Sh. 1 of 1 Sh.

PROJECTP-98-041-87	BRIDGE	FA	Route	≥ 600) Traffic Signa	al Bate	April	21,	198	38	_
ROUTEFA 600	<u>(I</u>	11.1	59) (Lor	gacre Drive	_Bored By	Larry	For	d	o to the table t	- 33
SEC	STA	30 T	+54.5	5 = 3	86+90	_Checked By _	Rober	t_Ne	hels	ick	_
COUNTY St. Clair Boring No. 3 301+47 Offset 42	Elevation	z	Qu t/s.f.	(%) M	Surface Water El. Groundwater El. Completion After Hou	at	Elevation	z	Qu t/s.f.	(%) 🔦	
Ground Surface 584.7	0										
BROWN AND GRAY CLAYEY W/LIMESTONE ROCK	SILT—		1.8	15 14							
581.7			2.0				-25				
BROWN SILTY CLAY		LER	1.5	26							
	5	OME	1.2	29							
578.7 GW	_	PENETROMETER	0.8	32	,						
BROWN AND GRAY	1		0.2	31	,		_				
CLAYEY SILT		POCKET	0.7	32			30				
	_		1.2	31							
	-10		1.5	31							
			1.5	33							
572.7			1.7	33							
END OF BORING							-25 -30 -35				
NAME OF THE PROPERTY OF THE PR	-15										
	-10										
							_				
							40				
	_						40				
	20								ľ		
	20				ž.	A					
	20							3			
B											
1	_				•		-45	1		1	

N-Standard Penetration Test-Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with 140 No. hammer falling 30". Qu-Unconfined Compressive Strength - t/sf

w - Water Content - percentage of oven dry weight-%.

Type failure: B - Bulge Failure

S - Shear Failure E - Estimated Value P - Penetrometer Illinois Department of Transportation

Bridge Foundation Boring Log

Sh. of Sh.

FA 600	C	111.	159)		ngacre Drive	ored By	Larry		1988	
OUTE FA 600					D	ored By	Darry	1010		
EC. 1301 S	TA	301-	+85 =	= 10+	00C	hecked By	Robert	Neb	elsi	ck_
Boring No	Elevation	z	Qu t/s.f.	(%) w	Surface Water El. Groundwater El. at Completion After Hours		Elevation	z	Qu t/s.f.	(%) ~
Ground Surface 585.8	0						1			
BROWN AND GRAY CLAYEY	SILT—		0.8	19						l.
W/ROCK 583.8			1.0	16			_			
BROWN AND GRAY SILTY CI	AY		2.5	23			-25			c.
W/ROCK 582.8		- Control	1.5	25						
DARK GRAY CLAYEY SILT		PENETROMETER								
581.3	-5	SOME	1.5						7	į: į:
BROWN SILTY CLAY		METH	1.5							
570.0		1,000,000,00	1.5	29			-25 30			
578.0		POCKET	1.3	29			-30			
577.3 GW		POCI	0.5	32						
BROWN AND GRAY	-10		0.5	30	10					
CLAYEY SILT			0.7	30						
573.8	-		1.1	33						
							-35			
END OF BORING	_	-0.					_			
	-15						_			
	-15							1		
1										
							40			
	-						-40			
	-									
	-20					** 1		1		
						era n]		
Standard Penetration Test-		1	I	l	mpressive T	ype failure:	-45			

N-Standard Penetration Test-Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with 140 No. hammer falling 30".

SCALE:

BD 107 /D ... 4 701

w - Water Content - percentage of oven dry weight-%.

Strength - t/sf

Type failure: B - Bulge Failure S - Shear Failure

E - Estimated Value P - Penetrometer

DD 197 /Day / 701

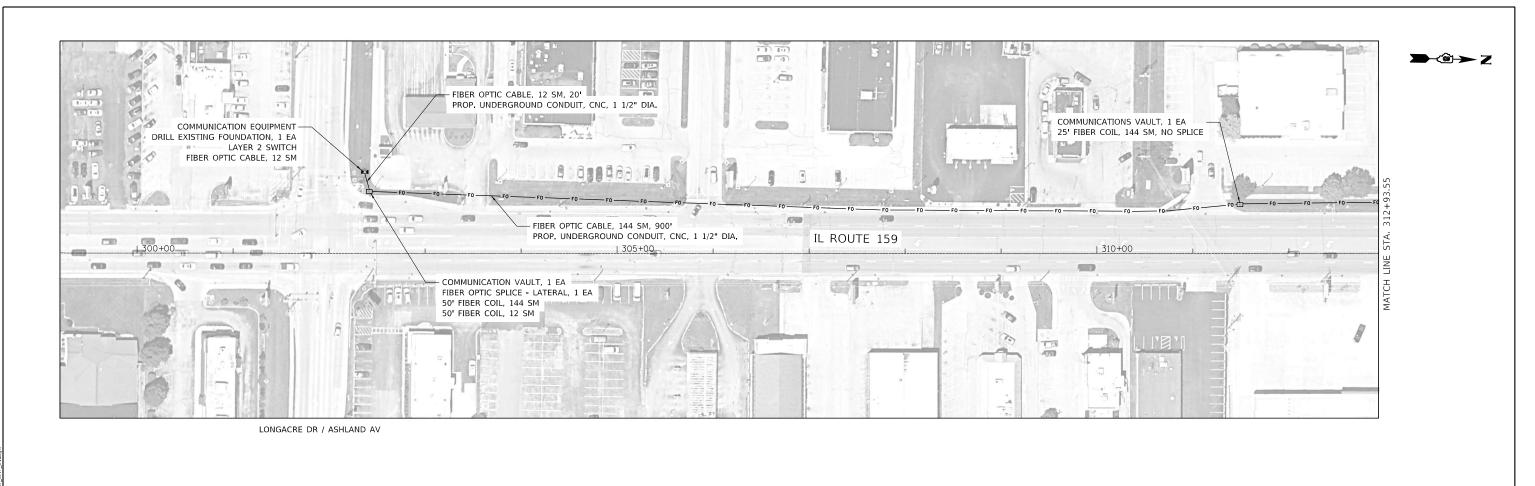


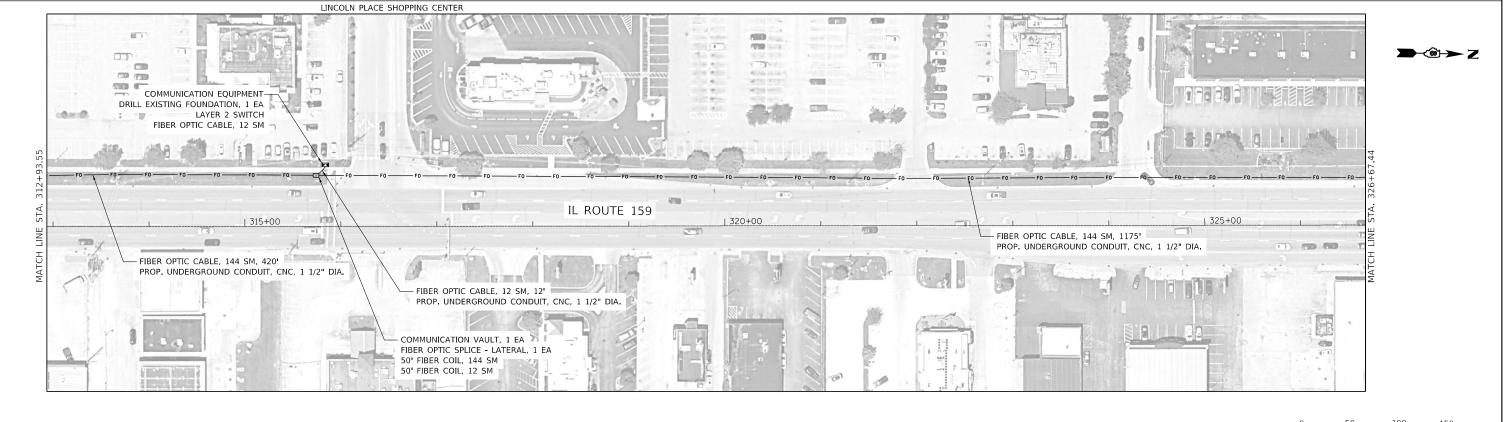
USER NAME = bfunk	DESIGNED -	-	BF	REVISED	-
	DRAWN -	-	BF	REVISED	-
PLOT SCALE = 100.0000 / in.	CHECKED -	-	AD	REVISED	-
PLOT DATE = 12/21/2023	DATE -	-	11/10/23	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUT	E 159 AND		ORING I	.OGS IVE / ASHLAND	AVENUE
	SHEET	OF	SHEETS	STA.	TO STA.

F.A.P. RTE	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
600	(130, 130-1, 130-2)TS-3, 8	2-5TS	ST. CLAIR	47	41
		CONTRACT	NO. 76	5R78	
	TILLINOIS	FED A	ID PROJECT		





iteris

LOT DATE = 2/6/2024

CHECKED -

DATE

ASG

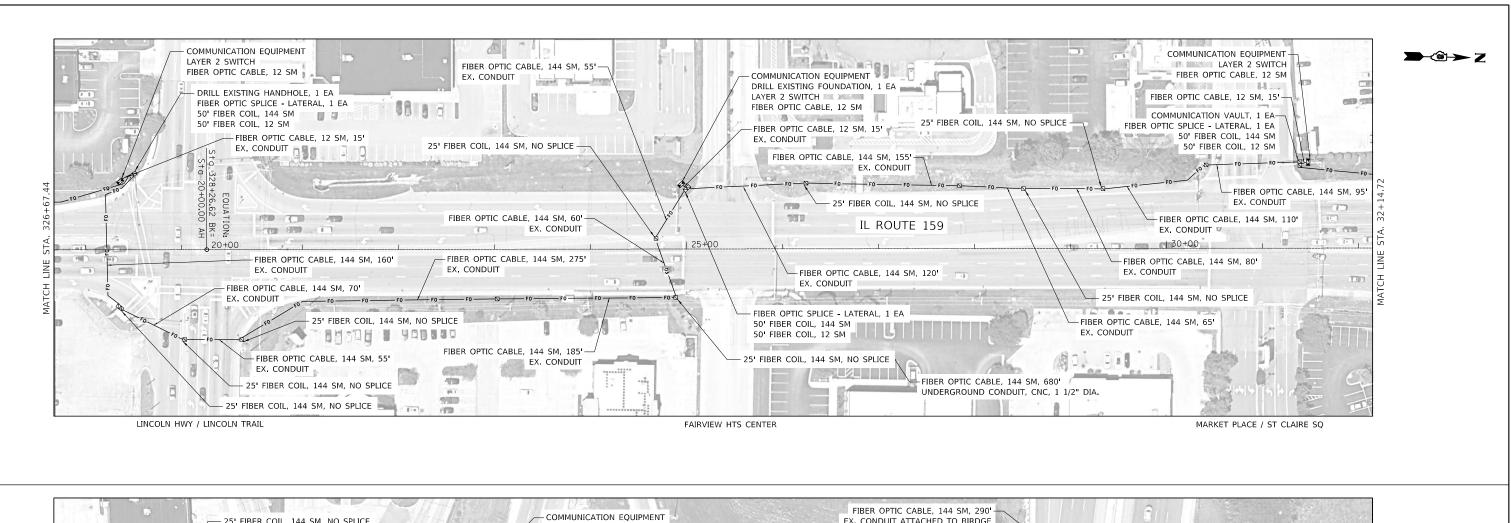
REVISED

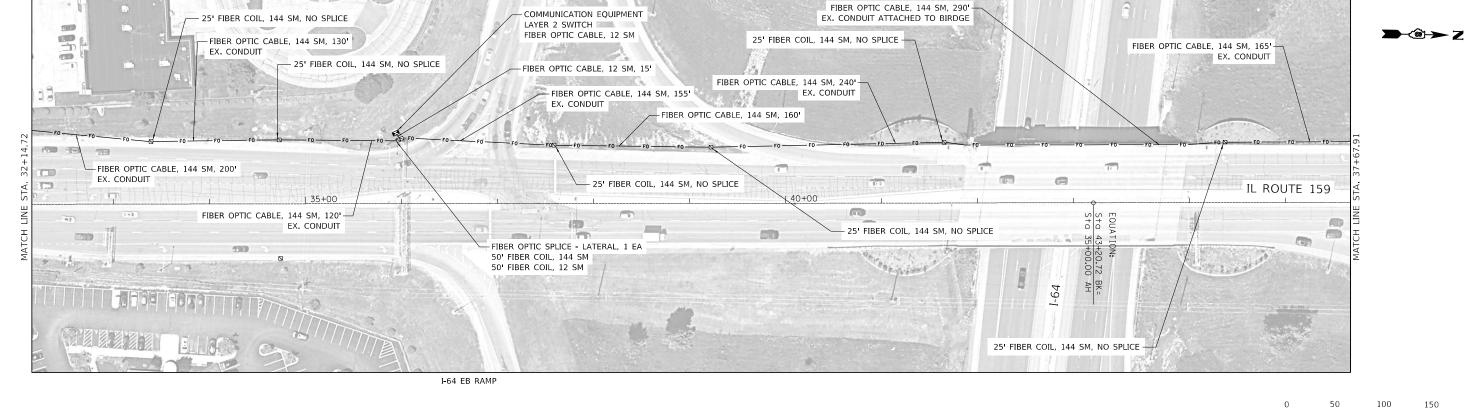
REVISED

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION FIBER OPTIC INSTALLATION PLAN

IL ROUTE 159

SHEET OF SHEETS STA. TO STA.





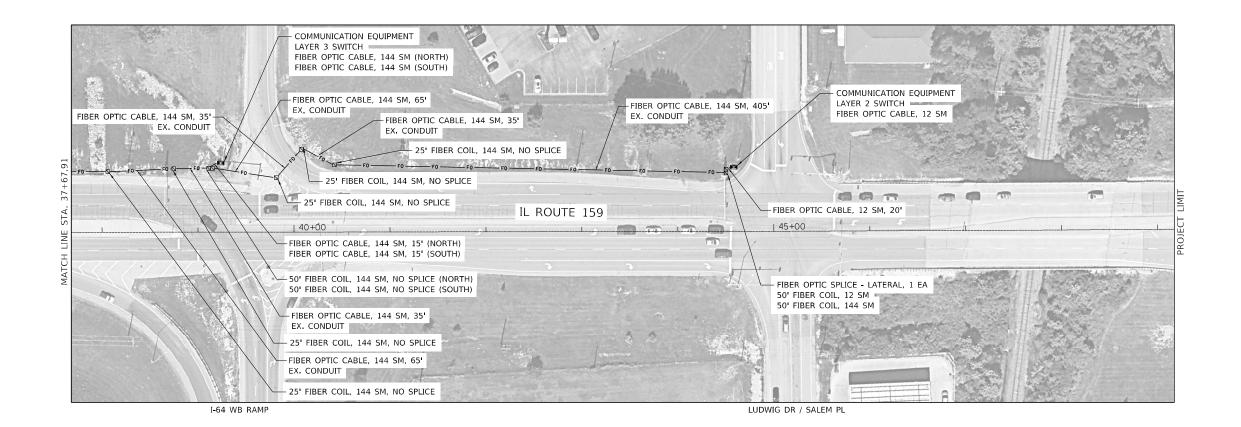
iteris

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC INSTALLATION PLAN
IL ROUTE 159

SHEET OF SHEETS STA. TO STA.

SCALE IN FEET



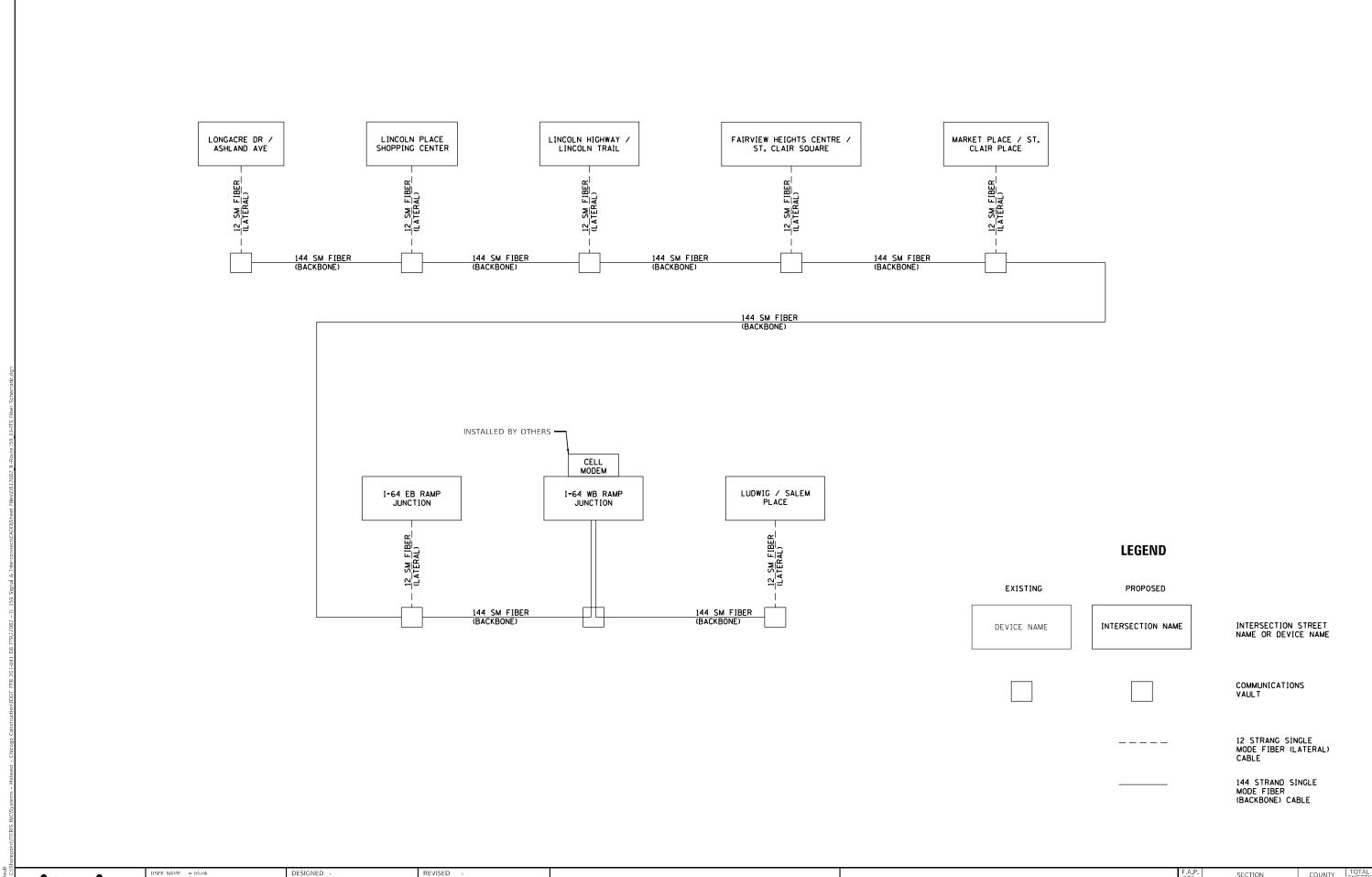
0 50 100 150 SCALE IN FEET

• 4	•
ite	ric

USER NAME = bfunk	DESIGNED - BF	REVISED -
	DRAWN - BF	REVISED -
PLOT SCALE = 100.0000 / in.	CHECKED - ASG	REVISED -
PLOT DATE = 7/24/2025	DATE - 7/14/25	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

FIBER OPTIC INSTALLATION PLAN				F.A.P. SECTION COUNTY		COUNTY	TOTAL SHEETS	SHEET NO.		
IL ROUTE 159 – I–64				600	(130, 130-1, 130-2)TS-3, 82	2-5TS	ST. CLAIR	47	44	
							CONTRACT	NO. 76	5R78	
JEET	OΕ	SHEETS	CTA	TO CTA		TILINOIC	EED AL	D DDOLECT		



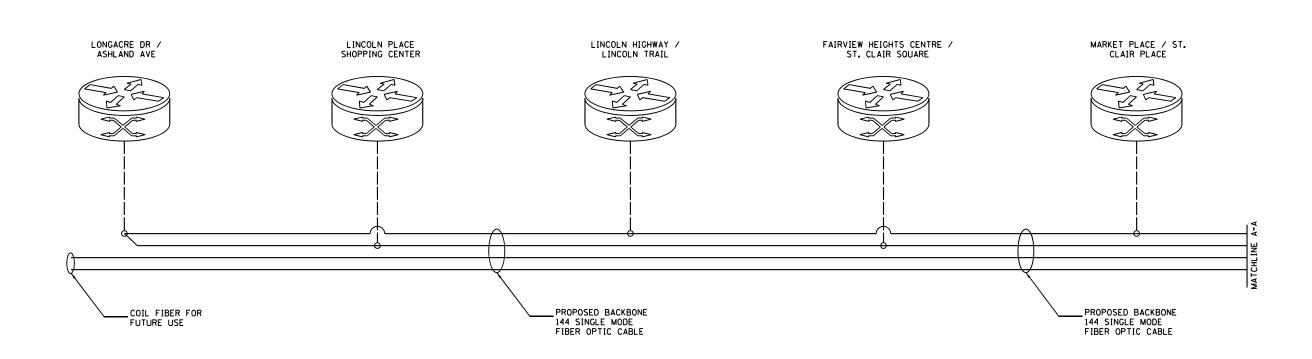
iteris

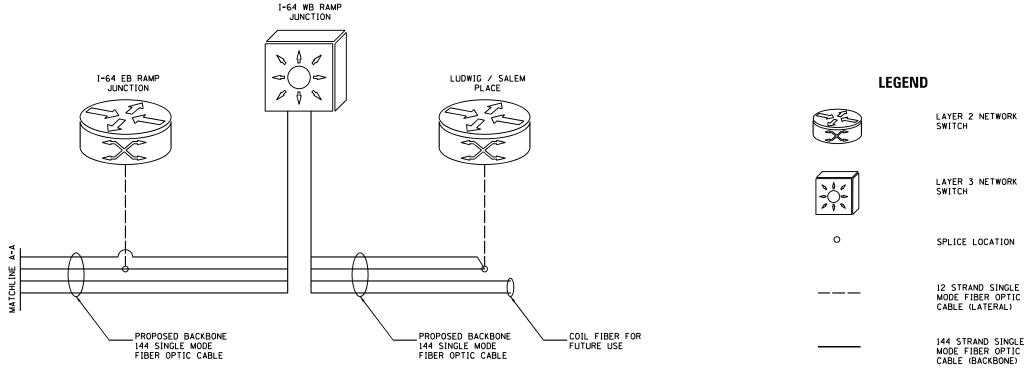
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER COMMUNICATIONS SYSTEM TOPOLOGY

SHEET OF SHEETS STA. TO STA.

SCALE:





SCALE:

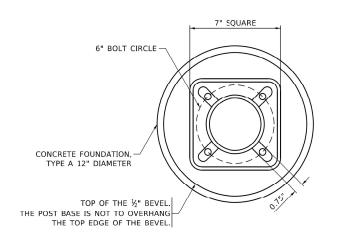
iteris

USER NAME = bfunk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -
PLOT DATE = 7/14/2025	DATE -	REVISED -

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** FIBER COMMUNICATIONS SYSTEM SCHEMATIC OF SHEETS STA.

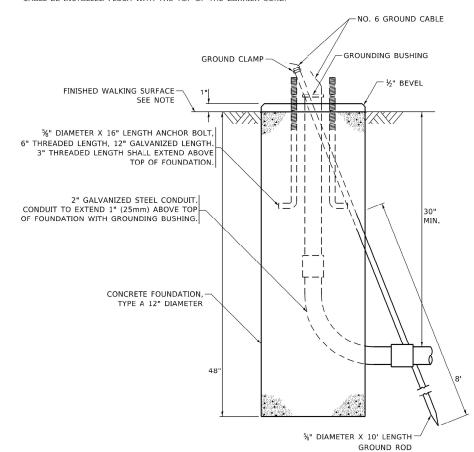
SECTION COUNTY
 F.A.P. RTE.
 SECTION
 COUNTY
 SHEETS SHEETS
 SHEETS SHEETS

 600
 (130, 130-1, 130-2)TS-3, 82-5TS
 ST. CLAIR
 47
 46
 CONTRACT NO. 76R78

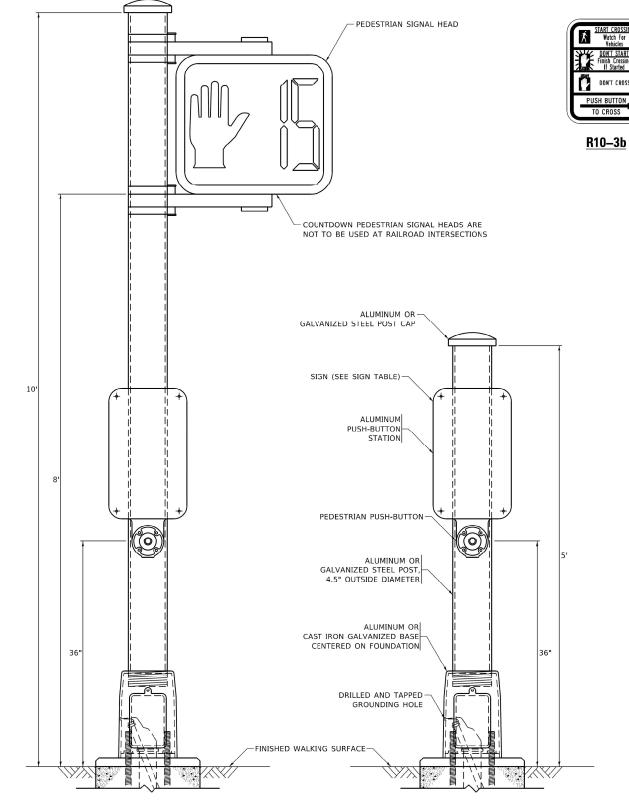


BOLT PATTERN

1. IF THE PEDESTRIAN SIGNAL POST FOUNDATION IS INSTALLED WITHIN OR BEHIND A BARRIER CURB, THE TOP OF THE FOUNDATION SHALL BE INSTALLED FLUSH WITH THE TOP OF THE BARRIER CURB.



CONCRETE FOUNDATION,



SIGN TABLE

DON'T CROSS

TO CROSS

R10-3d

DON'T CROSS PUSH BUTTON, TO CROSS

R10-3e

SIGN	DIMENSIONS
R10-3b (RAILROAD ONLY)	9" X 12"
R10-3d (RAILROAD ONLY)	9" X 12"
R10-3e	9" X 12"

NOTES:

- 1. THE SIGN PANELS SHALL BE TYPE AP SHEETING.
- 2. THE ARROW ON SIGNS FOR PUSH-BUTTONS SERVING TWO DIRECTIONS ON THE SAME PHASE SHALL BE BI-DIRECTIONAL.
- 3. THE SIGN FOR DUAL-CALL PUSH-BUTTONS SHALL HAVE NO ARROW.

TYPE A 12-INCH DIAMETER

PEDESTRIAN SIGNAL POST, 10 FT.

PEDESTRIAN SIGNAL POST, 5 FT.

SCALE:



USER NAME = bfunk	DESIGNED -	BF	REVISED -
	DRAWN -	BF	REVISED -
PLOT SCALE = 2.0000 / in	CHECKED -	AD	REVISED -
PLOT DATE = 8/5/2025	DATE -	8/5/25	REVISED -

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

PEDESTRIAN	PUSH	BUTTON	POST	DETAIL
SHEET	OF	SHEETS S	TA.	TO ST

	F.A.P. RTE			COUNTY	TOTAL SHEETS	SHEE NO.
	600	(130, 130-1, 130-2)TS-3, 82-5TS		ST. CLAIR	47	47
				CONTRACT NO. 76R78		
		ILLINOIS	FED. A	ID PROJECT		