

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D6 ITS 2023	SANGAMON	32	1
		ILLINOIS		72246

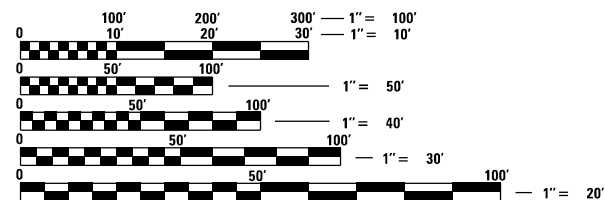
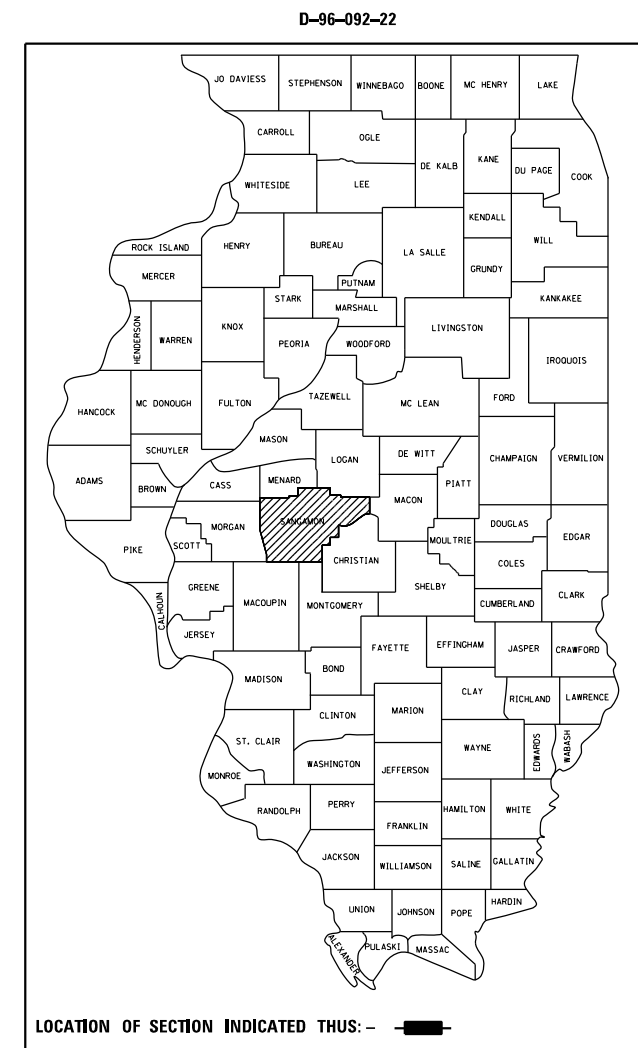
FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROPOSED  
IMPROVEMENTS

VARIOUS ROUTES  
SECTION D6 ITS 2023

SANGAMON CO.

C-96-034-23



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

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

PROJECT ENGINEER : MIKE HAMBY - (217)524-7765  
PROJECT MANAGER : TIM SHARP - (217)524-9160

CONTRACT NO. 72246

SEE SHEET 5 FOR LOCATION MAP



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED August 30 20 22

*Jeffrey P. Myers* REGION FOUR ENGINEER  
October 14, 2022

*Scott A. Etkin*  
ENGINEER OF DESIGN AND ENVIRONMENT  
October 14, 2022

*Stephen M. Smith*  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

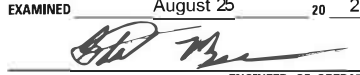


PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

**INDEX OF SHEETS**

- 1 COVER SHEET
- 2 INDEX OF SHEETS, GENERAL NOTES, SIGNATURES, STANDARDS
- 3 SUMMARY OF QUANTITIES
- 4 LEGEND AND NOTES
- 5 LOCATION PLAN
- 6-31 PLANS
- 32 VIDEO VEHICLE DETECTION PLANS

**HIGHWAY STANDARDS**

- 701001-02 OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY
- 701006-05 OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600mm) FROM PAVEMENT EDGE
- 701101-05 OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600mm) FROM EDGE OF PAVEMENT
- 701106-02 OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5m) AWAY
- 701201-05 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH
- 701502-09 URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
- 701601-09 URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRANSVERSABLE MEDIAN
- 701602-10 URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
- 701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701901-08 TRAFFIC CONTROL DEVICES
- 000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 830021-03 LIGHT POLE STEEL TENON TOP
- 836001-04 LIGHT POLE FOUNDATION
- 857001-01 STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES

<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS DISTRICT 6</b>	
EXAMINED	August 25 20 22
 ENGINEER OF OPERATIONS	
EXAMINED	August 25 20 22
 ENGINEER OF PROJECT IMPLEMENTATION	
EXAMINED	August 25 20 22
 ENGINEER OF PROGRAM DEVELOPMENT	

REV. - MS

FILE NAME =	USER NAME = Timothy.Sharp	DESIGNED - DMS 2/2017	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SHEETS, GENERAL NOTES, SIGNATURES</b>	RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
S:\CONTRMAINT_CAD\72246 - ITS - SANGAMON	CO - 2023 (11-18-2022)\PLANS\72246-shr-2-g	DRAWN - DMS 2/2017	REVISED -			VAR.	D6 ITS 2023	SANGAMON	32	2	
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 72246		ILLINOIS FED. AID PROJECT			
	PLOT DATE = 8/24/2022	DATE -	REVISED -			SCALE:	SHEET 1 OF 1 SHEETS	STA.	TO STA.		

6-00338-9982  
100% STATE  
SANGAMON  
ROADWAY  
0043  
URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	
67100100	MOBILIZATION	L SUM	1	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1	1
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	34469	34469
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	639	639
81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	1965	1965
83062750	LIGHT POLE, WEATHERING STEEL, 55 FT. M.H., TENON MOUNT	EACH	1	1
83600365	LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 10" X 8"	EACH	1	1
85706000	INTERSECTION MONITOR UNIT	EACH	20	20
87301705	ELECTRICAL CABLE IN CONDUIT, COMMUNICATION NO. 18 3 PAIR	FOOT	1662	1662

6-00338-9982  
100% STATE  
SANGAMON  
ROADWAY  
0043  
URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	
87900200	DRILL EXISTING HANDHOLE	EACH	34	34
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	27	27
X0321973	MODIFY EXISTING SERVICE INSTALLATION	EACH	1	1
X0324597	CLOSED CIRCUIT TELEVISION CABINET	EACH	1	1
X0326266	ETHERNET SWITCH	EACH	11	11
X0326812	CAT 5 ETHERNET CABLE	FOOT	295	295
X0326905	CLOSED CIRCUIT TELEVISION DOME CAMERA, IP BASED	EACH	3	3
X1400076	COBALT CONTROLLER	EACH	11	11
X8140105	HANDHOLE (SPECIAL)	EACH	39	39
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	37694	37694
Z0010688	CAMERA MOUNTING ASSEMBLY	EACH	11	11
Z0033072	VIDEO VEHICLE DETECTION SYSTEM	EACH	2	2
X1400502	ATMS SOFTWARE SUPPORT	L SUM	1	1

FILE NAME =	USER NAME = Timothy.Sharp	DESIGNED - _____	REVISED - _____
S:\CONTRMAINT_CAD\72246 - ITS - SANGAMON	CO - 2023 (11-18-2022)\PLANS\72809-shr-3-5000	DRAWN - DMS	REVISED - _____
Default	PLOT SCALE = 40.0000' / in.	CHECKED - _____	REVISED - _____
	PLOT DATE = 8/29/2022	DATE - _____	REVISED - _____

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: \_\_\_\_\_ SHEET \_\_\_\_ OF \_\_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D6 ITS 2023	SANGAMON	32	3
			CONTRACT NO. 72246	
ILLINOIS FED. AID PROJECT				

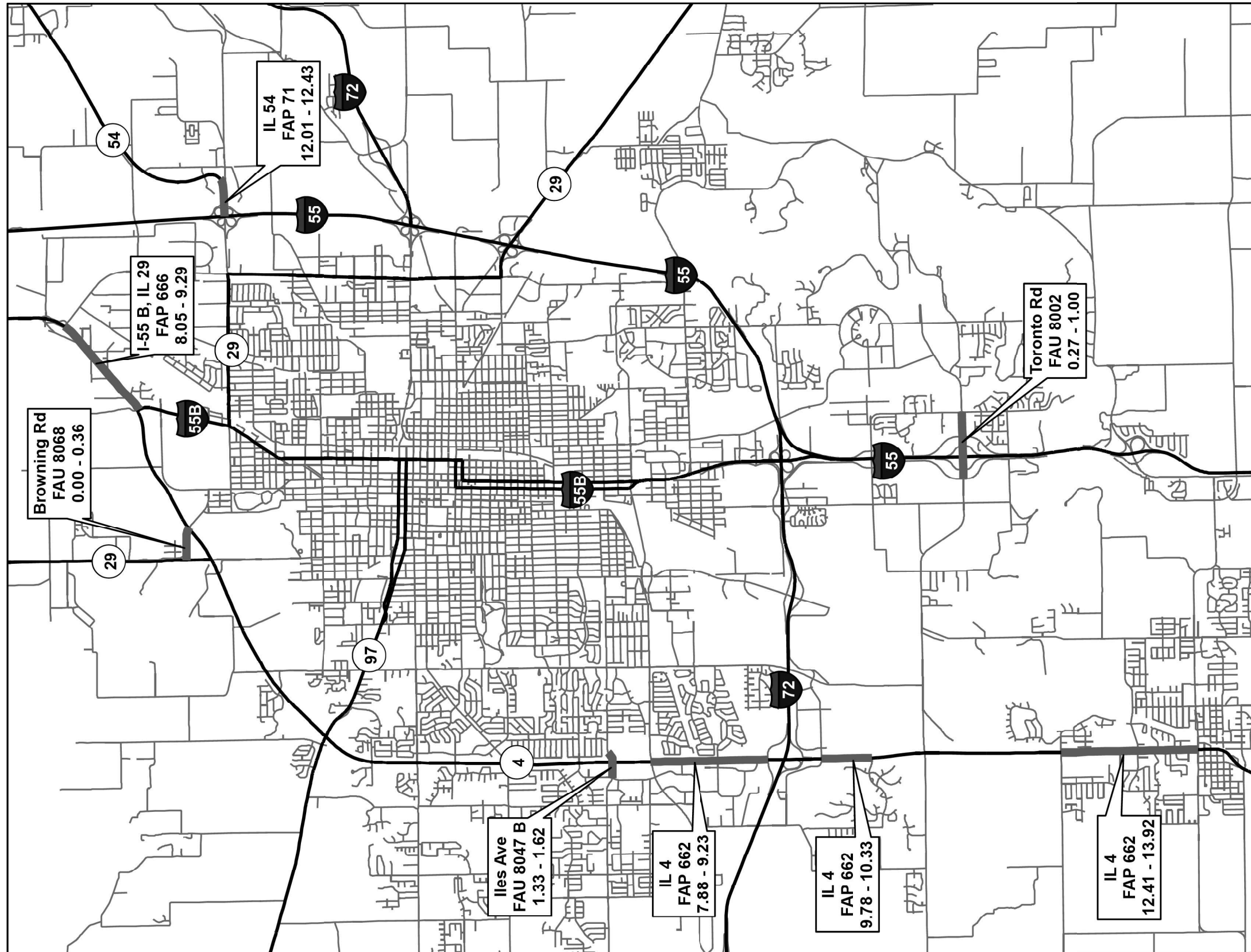
**GENERAL NOTES**

**LEGEND**

- R REMOVE
- RR REMOVE AND REPLACE
- ◻ EXISTING HANDHOLE
- ◻◻ EXISTING DOUBLE HANDHOLE
- ⊠ EXISTING CONTROLLER
- ◻◻ PROPOSED HANDHOLE
- 📷 PROPOSED CCTV CAMERA
- ◻◻ EXISTING GULF BOX JUNCTION
- EXISTING CONDUIT
- - - PROPOSED CONDUIT
- 📷 VIDEO VEHICLE DETECTION SYSTEM

- 1 CCTV ARE LOCATION SENSITIVE. PROPOSED EQUIPMENT LOCATIONS ARE APPROXIMATE. TO ENSURE THE OPTIMUM FIELD OF VIEW, ACTUAL LOCATIONS SHALL BE DETERMINED IN THE FIELD BY THE CONTRACTOR, PER THE MANUFACTURER REPRESENTATIVES RECOMMENDATIONS AND THE ENGINEERS APPROVAL.
- 2 PLAN ELEVATIONS - U.S.G.S. MEAN SEA LEVEL DATUM.
- 3 ALL ELEVATIONS SHOWN ON THE PLANS ARE ESTABLISHED FORM U.S.G.S. MEAN SEA LEVEL DATUM.
- 4 U-BOLTS SHALL BE PRODUCED FROM ASTM A276, TYPE 304, 304L, 316, CONDITION A , COLD FINISH, OR AN EQUIVALENT MATERIAL ACCEPTABLE TO THE ENGINEER. ALL NUTS SHALL BE STAINLESS STEEL CONFORMING TO ASTM A194, GRADE 8 (AISI TYPE 304) OR GRADE 8F (AISI TYPE 303). THE NUTS SHALL BE LOCKNUTS WITH NYLON OR STEEL INSERTS AND SEMI FINISHED HEXAGONAL HEADS EQUIVALENT TO THE FINISHED HEX SERIES OF THE AMERICAN NATIONAL STANDARD. ALL WASHERS SHALL BE STAINLESS STEEL CONFORMING TO ASTM 240, TYPE 302 OR 304.
- 5 ALL BOLTS, SCREWS, NUTS AND WASHERS SHALL BE STAINLESS STEEL. ANTI-SEIZE PASTE COMPOUND SHALL BE USED ON ALL MOUNTING HARDWARE FIELD CONNECTIONS. ALL CCTV MOUNTING METHODS AND MOUNTING MATERIAL SHALL BE PRE- APPROVED BY THE ENGINEER.
- 6 UNDERGROUND CABLE MARKING TAPE SHALL BE INSTALLED WITH ALL TRENCH & BACKFILL FOR ELECTRICAL WORK IN ACCORDANCE WITH ARTICLES 815.03 (d) & 1066.05 OF THE STANDARD SPECIFICATIONS.
- 7 A 1/4" DIA. NYLON ROPE SHALL BE INSTALLED IN ALL CONDUIT RUNS. THE COST OF PULL ROPE SHALL BE INCLUDED IN THE PROPOSED ELECTRIC CABLE INSTALLATION IN THAT CONDUIT.
- 8 THE CONTRACTOR SHALL NOT DRILL ANY HOLES IN THE BEAMS, DECK, OR SUBSTRUCTURE OF THE BRIDGE, UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- 9 ALL GROUND RODS SUPPLIED FOR THIS PROJECT SHALL BE 3/4" DIAMETER X 12'-0" LONG.
- 10 THE LOCATION OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.
- 11 ALL UTILITIES SHALL BE LOCATED IN FIELD PRIOR TO ANY ATTEMPT TO CONSTRUCT ANY COMPONENT OF THE VARIOUS CCTV CAMERA SYSTEM. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY PROVIDING A MINIMUM OF 96-HOURS ADVANCE NOTICE TO THE RESIDENT ENGINEER SO THAT THE UTILITY COMPANIES CAN BE NOTIFIED.
- 12 COORDINATION WITH THE DEPARTMENTS BUREAU OF OPERATIONS IS REQUIRED BEFORE ANY TRENCHING SHALL BE DONE TO LOCATE HIGHWAY LIGHTING/PUMP STATION FACILITIES. PH: (217)558-6716 OR (217)622-0608.
- 13 THE AREAS THAT ARE DISTURBED DUE TO THE DIGGING OR TRENCHING SHALL BE COMPLETED ON A WEEKLY BASIS USING SEEDING, CLASS 2 AND MULCH METHOD 1 AND SHALL CONFORM TO THE REQUIREMENTS OF SECTION 251 OF THE STANDARD SPECIFICATIONS EXCEPT THAT NO EMULSIFIED ASPHALT SHALL BE USED. THE COST SHALL BE INCIDENTAL TO THE CONTRACT.
- 14 THE CONTRACTOR MUST COORDINATE AND COOPERATE WITH THE DEPARTMENT AND THE INVOLVED PARTIES AS DIRECTED BY THE DEPARTMENT
- 15 EXISTING CONDUIT AND PULL POINT LOCATIONS TAKEN FROM HISTORICAL DATA. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDUIT SIZES AND LOCATIONS PRIOR TO INSTALLING PROPOSED FIBER OPTIC CABLE WITHIN EXISTING CONDUIT.
- 16 BENDING RADIUS OF FIBER OPTIC CABLE SHALL NOT EXCEED SIX (6) INCHES.
- 17 EXACT FIELD LOCATIONS OF ITS EQUIPMENT SHALL BE AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL TAKE CARE NOT TO INSTALL ITS EQUIPMENT IN DRAINAGE AREAS.
- 18 THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS, CONSTRUCTION METHODOLOGIES, PRODUCT MANUFACTURER SPECIFICATIONS, OWNERS MANUALS, AND USER MANUALS BEFORE PROCURING AND INSTALLING ANY ITS EQUIPMENT AS PART OF THIS CONTRACT. ALL PROPOSED ITS WORK SHALL BE REVIEWED AND APPROVED BY THE DEPARTMENT.
- 19 THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING TRAFFIC CONTROL FOR THE INSTALLATION OF ITS RELATED EQUIPMENT WITH OTHER CONTRACTS AND WORK IN THE AREA.

FILE NAME =	USER NAME = Timothy.Sharp	DESIGNED - _____	REVISED - _____	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>LEGEND AND NOTES</b>	RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\CONTRMAINT_CAD\72246 - ITS - SANGAMON	CO - 2023 (11-18-2022)\PLANS\72809-shr-4-ash	DRAWN - _____	REVISED - _____			VAR.	D6 ITS 2023	SANGAMON	32	4
Default	PLOT SCALE = 1.0000' / in.	CHECKED - _____	REVISED - _____			CONTRACT NO. 72246				
	PLOT DATE = 8/24/2022	DATE - _____	REVISED - _____	SCALE: _____ SHEET ____ OF ____ SHEETS		STA. _____ TO STA. _____		ILLINOIS FED. AID PROJECT		



**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LOCATION MAP**

SCALE: \_\_\_\_\_ SHEET \_\_\_\_\_ OF \_\_\_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D6 ITS 2023	SANGAMON	32	5
CONTRACT NO. 72246				
ILLINOIS FED. AID PROJECT				

MODEL: D:\info\IT\_S\CONTRACT\MAINT\_CAD\72246 - ITS - SANGAMON CO - 2023 (11-18-2023)\PLANS\72809-sh-6-32-fiber\cable-camera.dgn



CODE NO.	SCHEDULE OF QUANTITIES	UNIT	TOTAL QUANTITY
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	1238
87900200	DRILL EXISTING HANDHOLE	EACH	6
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	4
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	1762

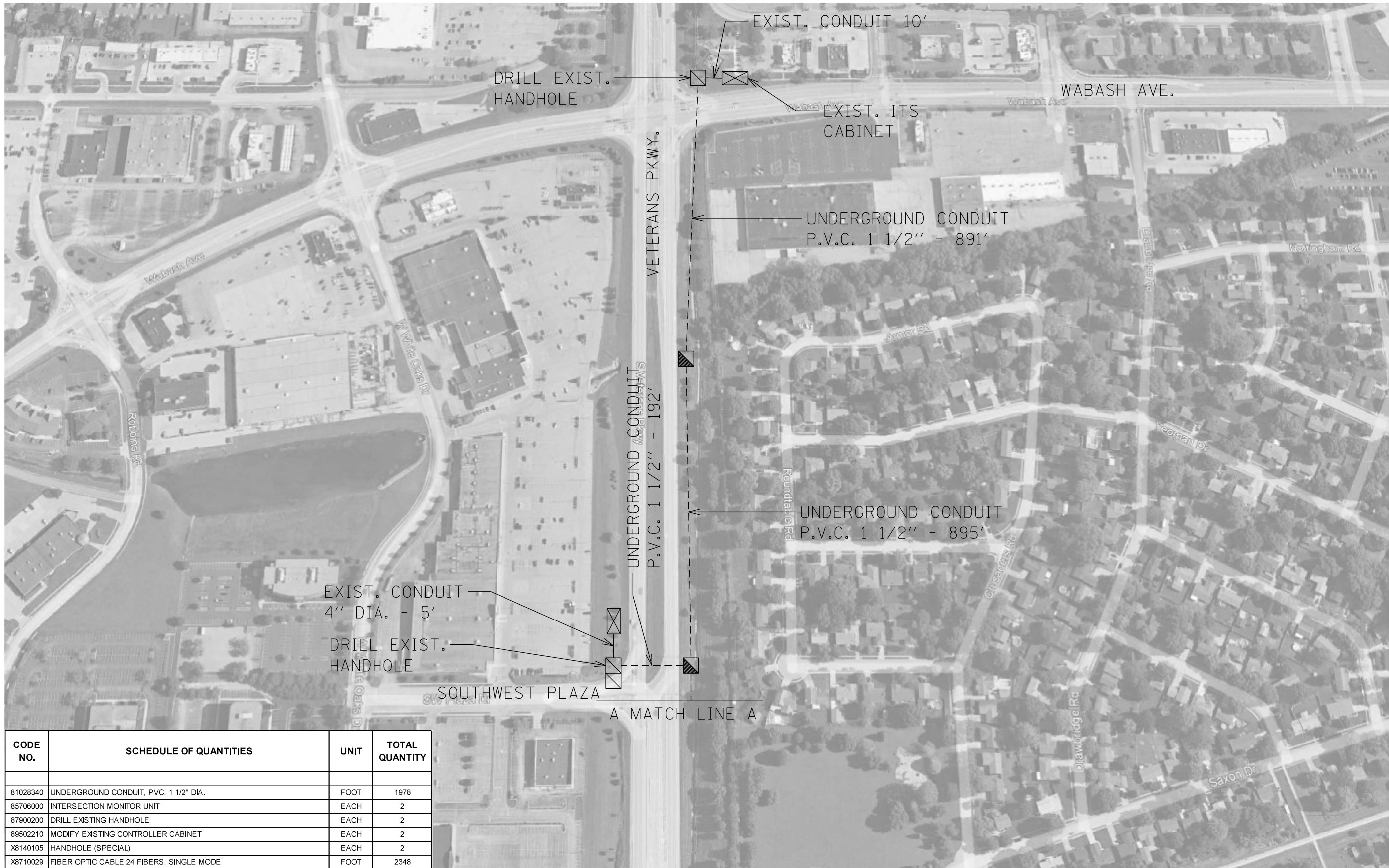
USER NAME = Timothy.Sharp	DESIGNED - _____	REVISED - _____
PLOT SCALE = 1.0000' / in.	DRAWN - _____	REVISED - _____
PLOT DATE = 8/25/2022	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ILES AVE AT VETERANS PKWY.**

SCALE: \_\_\_\_\_ SHEET \_\_\_ OF \_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D6 ITS 2022-1	SANGAMON	32	6
CONTRACT NO. 72246			ILLINOIS FED. AID PROJECT	



CODE NO.	SCHEDULE OF QUANTITIES	UNIT	TOTAL QUANTITY
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	1978
85706000	INTERSECTION MONITOR UNIT	EACH	2
87900200	DRILL EXISTING HANDHOLE	EACH	2
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	2
X8140105	HANDHOLE (SPECIAL)	EACH	2
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	2348

MODEL: D:\info\...  
 FILE NAME: S:\CONTRACT\...  
 CAD: 7/22/2022  
 ILS - SANGAMON CO. - 2023 (11-18-2022)

USER NAME = Timothy.Sharp	DESIGNED - _____	REVISED - _____
PLOT SCALE = 1.0000' / in.	DRAWN - _____	REVISED - _____
PLOT DATE = 8/24/2022	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**VETERANS PKWY**

SCALE: \_\_\_\_\_ SHEET \_\_\_\_ OF \_\_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D6 ITS 2023	SANGAMON	32	7
			CONTRACT NO. 72246	
ILLINOIS FED. AID PROJECT				



CODE NO.	SCHEDULE OF QUANTITIES	UNIT	TOTAL QUANTITY
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	2159
85706000	INTERSECTION MONITOR UNIT	EACH	1
87900200	DRILL EXISTING HANDHOLE	EACH	2
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
X8140105	HANDHOLE (SPECIAL)	EACH	2
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	2299

MODEL: D:\p1\h\...  
 FILE NAME: S:\CONTRACT\CAV\72246 - ITS - SANGAMON CO - 2023 (11-18-2023)\PLANS\72246-its-6-32-fiber\cable-camera.dgn

USER NAME = Timothy.Sharp	DESIGNED - _____	REVISED - _____
PLOT SCALE = 1.0000' / in.	DRAWN - _____	REVISED - _____
PLOT DATE = 8/24/2022	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**VETERANS PKWY**

SCALE: \_\_\_\_\_ SHEET \_\_\_\_\_ OF \_\_\_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D6 ITS 2023	SANGAMON	32	8
CONTRACT NO. 72246			ILLINOIS FED. AID PROJECT	





CODE NO.	SCHEDULE OF QUANTITIES	UNIT	TOTAL QUANTITY
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	2078
X8140105	HANDHOLE (SPECIAL)	EACH	3
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	2108

MODEL: D:\info\ITC\CONTRACT\CA072246 - ITS - SANGAMON CO - 2023 (11-18-2023)\PANS\72809-sh-6-32-fiber-cable-cameras.dgn  
 FILE NAME: S:\CONTRACT\CA072246 - ITS - SANGAMON CO - 2023 (11-18-2023)\PANS\72809-sh-6-32-fiber-cable-cameras.dgn

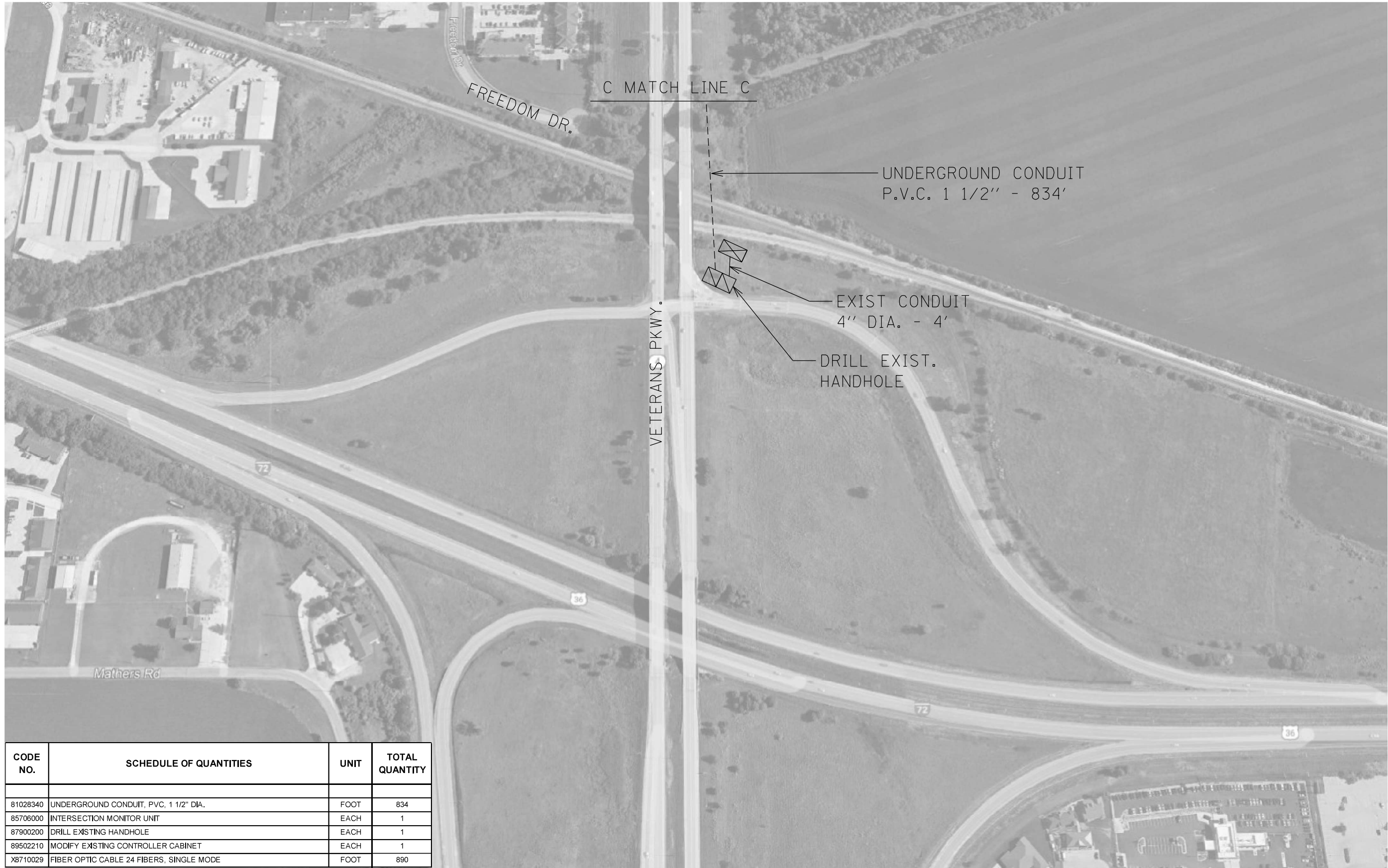
USER NAME = Timothy.Sharp	DESIGNED - _____	REVISED - _____
PLOT SCALE = 1.0000' / in.	DRAWN - _____	REVISED - _____
PLOT DATE = 8/24/2022	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**VETERANS PKWY**

SCALE: \_\_\_\_\_ SHEET \_\_\_\_ OF \_\_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D6 ITS 2023	SANGAMON	32	9
			CONTRACT NO. 72246	
ILLINOIS FED. AID PROJECT				



CODE NO.	SCHEDULE OF QUANTITIES	UNIT	TOTAL QUANTITY
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	834
85706000	INTERSECTION MONITOR UNIT	EACH	1
87900200	DRILL EXISTING HANDHOLE	EACH	1
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	890

MODEL: D:\info\h...  
 FILE NAME: S:\CONTRACTS\ITC\_72246 - ITS - SANGAMON CO - 2023 (11-18-2023)\PLANS\72246-its-6-32-fiber\cable-camera.dgn

USER NAME = Timothy.Sharp	DESIGNED - _____	REVISED - _____
PLOT SCALE = 1.0000' / in.	DRAWN - _____	REVISED - _____
PLOT DATE = 8/24/2022	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**VETERANS PKWY**

SCALE: \_\_\_\_\_ SHEET \_\_\_\_ OF \_\_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D6 ITS 2023	SANGAMON	32	10
CONTRACT NO. 72246				
ILLINOIS FED. AID PROJECT				



CODE NO.	SCHEDULE OF QUANTITIES	UNIT	TOTAL QUANTITY
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	2835
85706000	INTERSECTION MONITOR UNIT	EACH	2
87900200	DRILL EXISTING HANDHOLE	EACH	2
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	2
X8140105	HANDHOLE (SPECIAL)	EACH	3
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	2999

MODEL: D:\p\h\...  
 FILE NAME: S:\CONTRACTS\...  
 CAD: 72246 - ITS - SANGAMON, CO - 2023 (11-18-2023)\P\ANS\72809-sh-6-32-fiber\plan-cameras.dgn

USER NAME = Timothy,Sharp	DESIGNED - _____	REVISED - _____
PLOT SCALE = 1.0000' / in.	DRAWN - _____	REVISOR - _____
PLOT DATE = 8/24/2022	CHECKED - _____	REVISOR - _____
	DATE - _____	REVISOR - _____

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

**VETERANS PKWY**

SCALE: \_\_\_\_\_ SHEET \_\_\_\_ OF \_\_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D6 ITS 2023	SANGAMON	32	11
			CONTRACT NO. 72246	
ILLINOIS FED. AID PROJECT				



CODE NO.	SCHEDULE OF QUANTITIES	UNIT	TOTAL QUANTITY
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	1308
85706000	INTERSECTION MONITOR UNIT	EACH	1
87900200	DRILL EXISTING HANDHOLE	EACH	1
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
X8140105	HANDHOLE (SPECIAL)	EACH	3
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	1392

MODEL: D:\d6\it...  
 FILE NAME: S:\CONTRACTS\IT...  
 CAD: 7/22/2022...  
 ITS: SANGAMON, CO. - 2023 (11-18-2022)...  
 FILE: 6-32...

USER NAME = Timothy.Sharp	DESIGNED - _____	REVISED - _____
PLOT SCALE = 1.0000' / in.	DRAWN - _____	REVISED - _____
PLOT DATE = 8/24/2022	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>N. MAIN</b>	
SCALE: _____	SHEET _____ OF _____ SHEETS
STA. _____	TO STA. _____

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D6 ITS 2023	SANGAMON	32	12
CONTRACT NO. 72246			ILLINOIS FED. AID PROJECT	



CODE NO.	SCHEDULE OF QUANTITIES	UNIT	TOTAL QUANTITY
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	800
X8140105	HANDHOLE (SPECIAL)	EACH	1
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	820

MODEL: D:\dtp\it...  
 FILE NAME: S:\CONTRACTS\IT...  
 CAD: 7/22/2022  
 ITS - SANGAMON, CO. - 2023 (11-18-2023)\P\ANS\72209-sh-6-32-File\cable-contract.dgn

USER NAME = Timothy.Sharp	DESIGNED - _____	REVISED - _____
PLOT SCALE = 1.0000' / in.	DRAWN - _____	REVISED - _____
PLOT DATE = 8/24/2022	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>N. MAIN</b>		RTE. _____	SECTION _____	COUNTY _____	TOTAL SHEETS _____	SHEET NO. _____
		VAR. _____	D6 ITS 2023	SANGAMON	32	13
SCALE: _____	SHEET _____ OF _____ SHEETS	STA. _____	TO STA. _____	CONTRACT NO. 72246		
				ILLINOIS FED. AID PROJECT		



CODE NO.	SCHEDULE OF QUANTITIES	UNIT	TOTAL QUANTITY
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	1598
87900200	DRILL EXISTING HANDHOLE	EACH	2
X8140105	HANDHOLE (SPECIAL)	EACH	1
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	1658

MODEL: D:\p1\h\c\CONTRACT\CONTRMNT CAD\72246 - ITS - SANGAMON CO - 2023 (11-18-2023)\PLANS\72809-sh-6-32-fiber\cable-camera.dgn  
 FILE NAME: S:\CONTRACT\CONTRMNT CAD\72246 - ITS - SANGAMON CO - 2023 (11-18-2023)\PLANS\72809-sh-6-32-fiber\cable-camera.dgn

USER NAME = Timothy.Sharp	DESIGNED - _____	REVISED - _____
PLOT SCALE = 1.0000' / in.	DRAWN - _____	REVISED - _____
PLOT DATE = 8/24/2022	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE: _____		SHEET _____	OF _____	SHEETS	STA. _____	TO STA. _____										
							<table border="1"> <tr> <td>RTE.</td> <td>SECTION</td> <td>COUNTY</td> <td>TOTAL SHEETS</td> <td>SHEET NO.</td> </tr> <tr> <td>VAR.</td> <td>D6 ITS 2023</td> <td>SANGAMON</td> <td>32</td> <td>14</td> </tr> <tr> <td colspan="5">CONTRACT NO. 72246</td> </tr> </table>		RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	VAR.	D6 ITS 2023	SANGAMON
RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.												
VAR.	D6 ITS 2023	SANGAMON	32	14												
CONTRACT NO. 72246																

<table border="1"> <tr> <td>RTE.</td> <td>SECTION</td> <td>COUNTY</td> <td>TOTAL SHEETS</td> <td>SHEET NO.</td> </tr> <tr> <td>VAR.</td> <td>D6 ITS 2023</td> <td>SANGAMON</td> <td>32</td> <td>14</td> </tr> <tr> <td colspan="5">CONTRACT NO. 72246</td> </tr> </table>		RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	VAR.	D6 ITS 2023	SANGAMON	32	14	CONTRACT NO. 72246					ILLINOIS	FED. AID PROJECT
RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.														
VAR.	D6 ITS 2023	SANGAMON	32	14														
CONTRACT NO. 72246																		

**N. MAIN**



CODE NO.	SCHEDULE OF QUANTITIES	UNIT	TOTAL QUANTITY
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	1615
85706000	INTERSECTION MONITOR UNIT	EACH	1
87900200	DRILL EXISTING HANDHOLE	EACH	2
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
X0326266	ETHERNET SWITCH	EACH	1
X1400076	COBALT CONTROLLER	EACH	1
X8140105	HANDHOLE (SPECIAL)	EACH	1
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	1742

MODEL: D:\info\IT\CONTRACT\MANT\_CAD\72246 - ITS - SANGAMON CO - 2023 (11-18-2023)\P\ANS\72809-sh-6-32-fiber\cable-camera.dgn  
 FILE NAME: S:\CONTRACT\MANT\_CAD\72246 - ITS - SANGAMON CO - 2023 (11-18-2023)\P\ANS\72809-sh-6-32-fiber\cable-camera.dgn

USER NAME = Timothy.Sharp	DESIGNED - _____	REVISED - _____
PLOT SCALE = 1.0000' / in.	DRAWN - _____	REVISED - _____
PLOT DATE = 8/24/2022	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE: \_\_\_\_\_ SHEET \_\_\_\_ OF \_\_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

**N. MAIN**

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D6 ITS 2023	SANGAMON	32	15
CONTRACT NO. 72246			ILLINOIS FED. AID PROJECT	



CODE NO.	SCHEDULE OF QUANTITIES	UNIT	TOTAL QUANTITY
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	1543
X8140105	HANDHOLE (SPECIAL)	EACH	1
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	1563

MODEL: D:\p1\11-18-2022\PLANS\72246.dwg  
 FILE NAME: S:\CONTRACTS\72246 - ITS - SANGAMON CO - 2023 (11-18-2022)\PLANS\72246.dwg  
 USER: camrads

USER NAME = Timothy.Sharp	DESIGNED - _____	REVISED - _____
PLOT SCALE = 1.0000' / in.	DRAWN - _____	REVISED - _____
PLOT DATE = 8/24/2022	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

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

**N. MAIN**  
 SCALE: \_\_\_\_\_ SHEET \_\_\_\_ OF \_\_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D6 ITS 2023	SANGAMON	32	16
CONTRACT NO. 72246				
ILLINOIS FED. AID PROJECT				





CODE NO.	SCHEDULE OF QUANTITIES	UNIT	TOTAL QUANTITY
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	1328
85706000	INTERSECTION MONITOR UNIT	EACH	2
87900200	DRILL EXISTING HANDHOLE	EACH	3
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	2
X0326266	ETHERNET SWITCH	EACH	2
X0326812	CAT 5 ETHERNET CABLE	FOOT	80
X0326905	CLOSED CIRCUIT TELEVISION DOME CAMERA, IP BASED	EACH	1
X1400076	COBALT CONTROLLER	EACH	2
X8140105	HANDHOLE (SPECIAL)	EACH	2
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	1535
Z0010688	CAMERA MOUNTING ASSEMBLY	EACH	1

MODEL: D:\m\h\...  
 FILE NAME: S:\CONTRACT\MAINT\_CAD\72246 - ITS - SANGAMON\_CO - 2023 (11-18-2023)\IP\_CAMERA\IP\_CAMERA.dwg  
 PLOT DATE = 8/24/2022

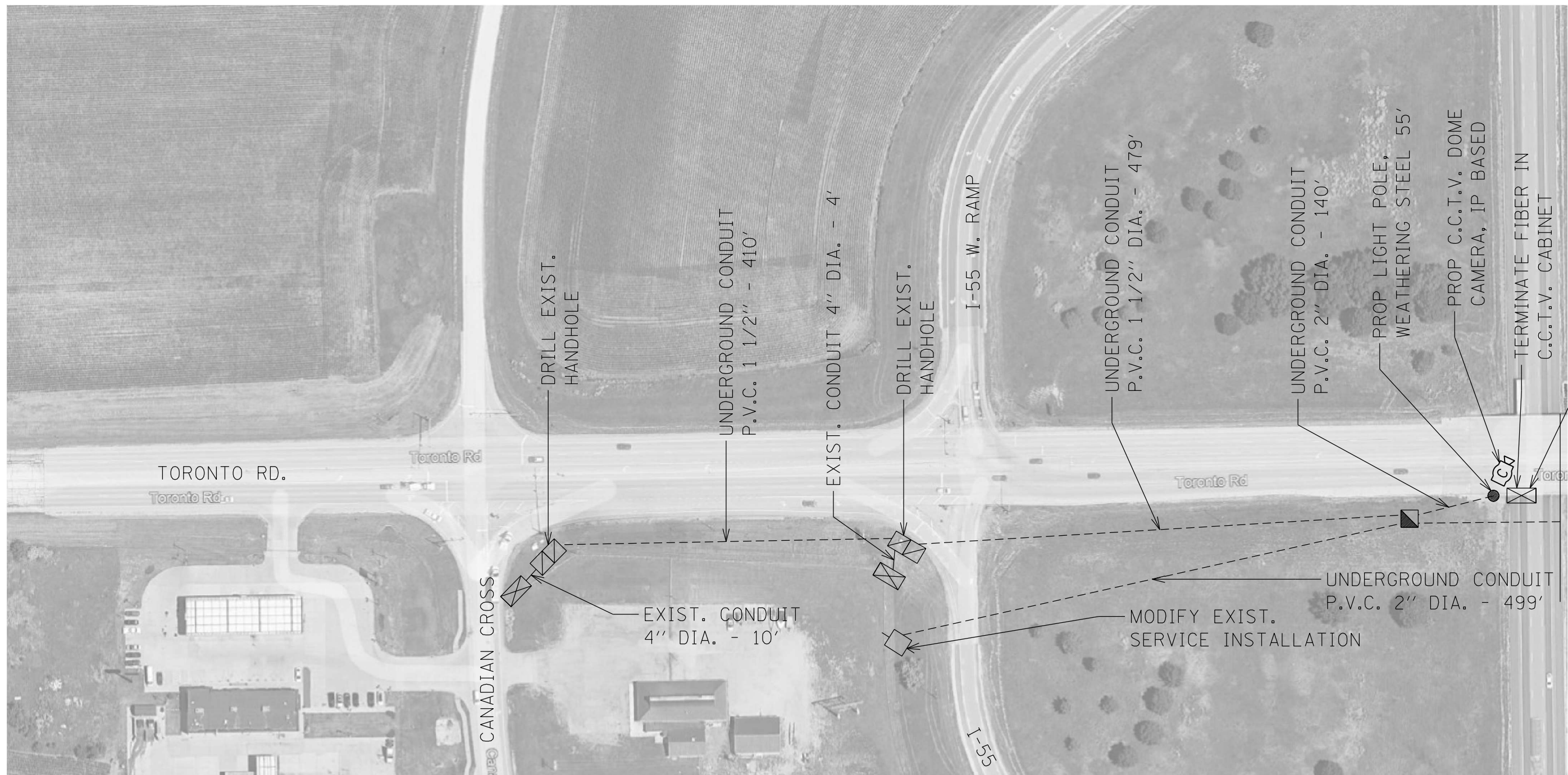
USER NAME = Timothy.Sharp	DESIGNED - _____	REVISED - _____
PLOT SCALE = 1.0000' / in.	DRAWN - _____	REVISED - _____
PLOT DATE = 8/24/2022	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE: _____	SHEET _____	OF _____	SHEETS	STA. _____	TO STA. _____
--------------	-------------	----------	--------	------------	---------------

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D6 ITS 2023	SANGAMON	32	17
CONTRACT NO. 72246				
ILLINOIS FED. AID PROJECT				

MODEL: D:\m\h\...  
 FILE NAME: S:\CONTRACTS\ITC\_ITS\_SANGAMON\_CO\_2023\11-18-2023\PLANS\72809-sh-6-32-File\cable-camera.dgn



CODE NO.	SCHEDULE OF QUANTITIES	UNIT	TOTAL QUANTITY	CODE NO.	SCHEDULE OF QUANTITIES	UNIT	TOTAL QUANTITY
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	889	X0324597	CLOSED CIRCUIT TELEVISION CABINET	EACH	1
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	639	X0326266	ETHERNET SWITCH	EACH	2
81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	1965	X0326812	CAT 5 ETHERNET CABLE	FOOT	55
83062750	LIGHT POLE, WEATHERING STEEL, 55 FT. M.H., TENON MOUNT	EACH	1	X0326905	CLOSED CIRCUIT TELEVISION DOME CAMERA, IP BASED	EACH	1
83600365	LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 10' X 8"	EACH	1	X1400076	COBALT CONTROLLER	EACH	2
85706000	INTERSECTION MONITOR UNIT	EACH	2	X8140105	HANDHOLE (SPECIAL)	EACH	1
87900200	DRILL EXISTING HANDHOLE	EACH	3	X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	1387
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	2	Z0010688	CAMERA MOUNTING ASSEMBLY	EACH	1
X0321973	MODIFY EXISTING SERVICE INSTALLATION	EACH	1				

USER NAME = Timothy.Sharp	DESIGNED - _____	REVISED - _____
	DRAWN - _____	REVISED - _____
PLOT SCALE = 1.0000' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = 8/24/2022	DATE - _____	REVISED - _____

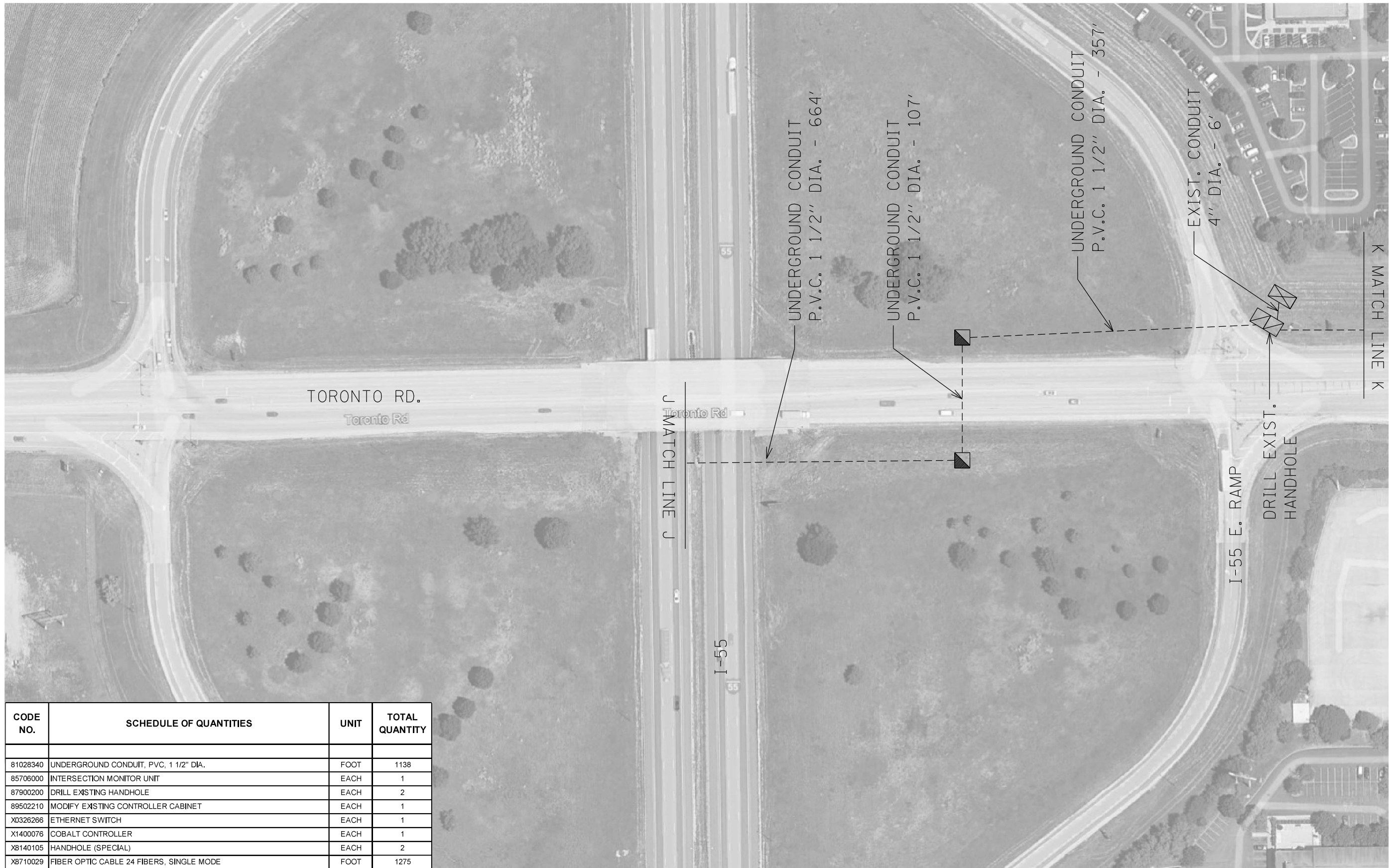
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**TOTONTO RD**

SCALE: \_\_\_\_\_ SHEET \_\_\_\_\_ OF \_\_\_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D6 ITS 2023	SANGAMON	32	18
CONTRACT NO. 72246			ILLINOIS FED. AID PROJECT	

MODEL: D:\info\ S:\CONTRACT\MT CAD\72246 - ITS - SANGAMON CO - 2023 (11-18-2023)\P\ANS\72809-sh-6-32-fiber\cable-camera.dgn



CODE NO.	SCHEDULE OF QUANTITIES	UNIT	TOTAL QUANTITY
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	1138
85706000	INTERSECTION MONITOR UNIT	EACH	1
87900200	DRILL EXISTING HANDHOLE	EACH	2
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
X0326266	ETHERNET SWITCH	EACH	1
X1400076	COBALT CONTROLLER	EACH	1
X8140105	HANDHOLE (SPECIAL)	EACH	2
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	1275

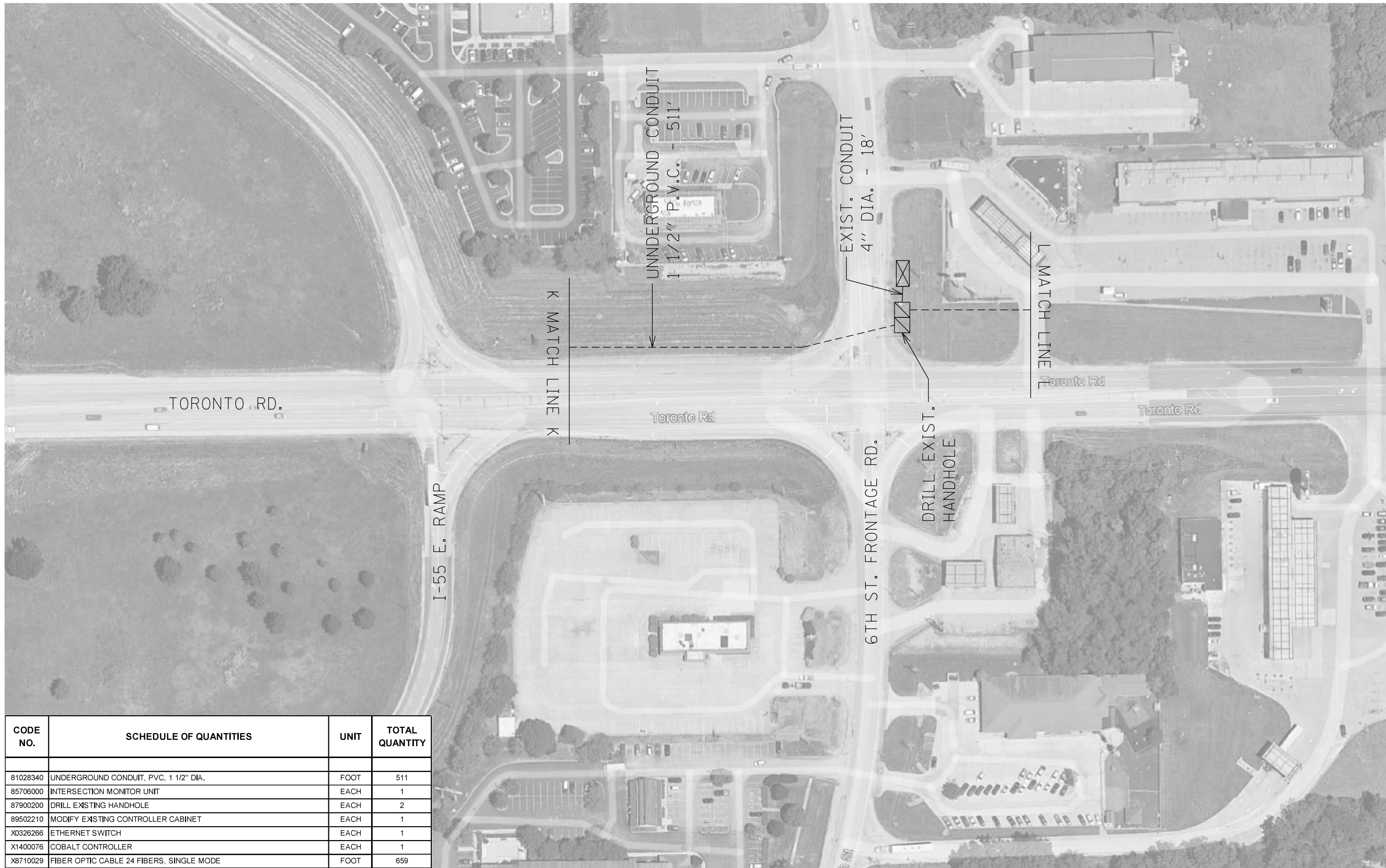
USER NAME = Timothy.Sharp	DESIGNED - _____	REVISED - _____
PLOT SCALE = 1.0000' / in.	DRAWN - _____	REVISED - _____
PLOT DATE = 8/24/2022	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>TORONTO RD</b>	
SCALE: _____	SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D6 ITS 2023	SANGAMON	32	19
CONTRACT NO. 72246				
ILLINOIS FED. AID PROJECT				

MODEL: D:\m\h\...  
 FILE NAME: S:\CONTRACTS\ITC\_ITS\_SANGAMON\_CO\_2023\11-18-2023\PLANS\72246-ITS\_SANGAMON\_CO\_2023.dwg



CODE NO.	SCHEDULE OF QUANTITIES	UNIT	TOTAL QUANTITY
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	511
85706000	INTERSECTION MONITOR UNIT	EACH	1
87900200	DRILL EXISTING HANDHOLE	EACH	2
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
X0326266	ETHERNET SWITCH	EACH	1
X1400076	COBALT CONTROLLER	EACH	1
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	659

USER NAME = Timothy.Sharp	DESIGNED - _____	REVISED - _____
PLOT SCALE = 1.0000' / in.	DRAWN - _____	REVISED - _____
PLOT DATE = 8/24/2022	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>TORONTO RD</b>	
SCALE: _____	SHEET ____ OF ____ SHEETS
STA. _____	TO STA. _____

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D6 ITS 2023	SANGAMON	32	20
CONTRACT NO. 72246				
ILLINOIS FED. AID PROJECT				

MODEL: D:\dtp\...  
 FILE NAME: S:\CONTRACT\...  
 CAD: 72246 - ITS - SANGAMON CO - 2023 (11-18-2023)



CODE NO.	SCHEDULE OF QUANTITIES	UNIT	TOTAL QUANTITY
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	1371
85706000	INTERSECTION MONITOR UNIT	EACH	1
87900200	DRILL EXISTING HANDHOLE	EACH	1
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
X0326266	ETHERNET SWITCH	EACH	1
X1400076	COBALT CONTROLLER	EACH	1
X8140105	HANDHOLE (SPECIAL)	EACH	1
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	1511

USER NAME = Timothy.Sharp	DESIGNED - _____	REVISED - _____
PLOT SCALE = 1.0000' / in.	DRAWN - _____	REVISED - _____
PLOT DATE = 8/24/2022	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

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

**TORONTO RD**  
 SCALE: \_\_\_\_\_ SHEET \_\_\_\_ OF \_\_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D6 ITS 2023	SANGAMON	32	21
CONTRACT NO. 72246				
ILLINOIS FED. AID PROJECT				

MODEL: D:\dtp\h...  
 FILE NAME: S:\CONTRACTS\I - ITS - SANGAMON, CO - 2023 (11-18-2023)\PLANS\72246-sh-6-32-fiber\cabin-cameras.dgn



CODE NO.	SCHEDULE OF QUANTITIES	UNIT	TOTAL QUANTITY
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	807
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
X8140105	HANDHOLE (SPECIAL)	EACH	2
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	830

USER NAME = Timothy.Sharp	DESIGNED - _____	REVISED - _____
PLOT SCALE = 1.0000' / in.	DRAWN - _____	REVISED - _____
PLOT DATE = 8/24/2022	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SANGAMON AVE**

SCALE: \_\_\_\_\_ SHEET \_\_\_ OF \_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D6 ITS 2023	SANGAMON	32	22
			CONTRACT NO. 72246	
ILLINOIS FED. AID PROJECT				

MATCH LINE M



CODE NO.	SCHEDULE OF QUANTITIES	UNIT	TOTAL QUANTITY
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	890
X8140105	HANDHOLE (SPECIAL)	EACH	2
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	920

MODEL: D:\p\h\...  
 FILE NAME: S:\CONTRACTS\...  
 CAD: 7/22/2023  
 ITS - SANGAMON, CO - 2023 (11-18-2023)\P\ANS\72809-sh-6-32-fiber\cable-camera\dgn

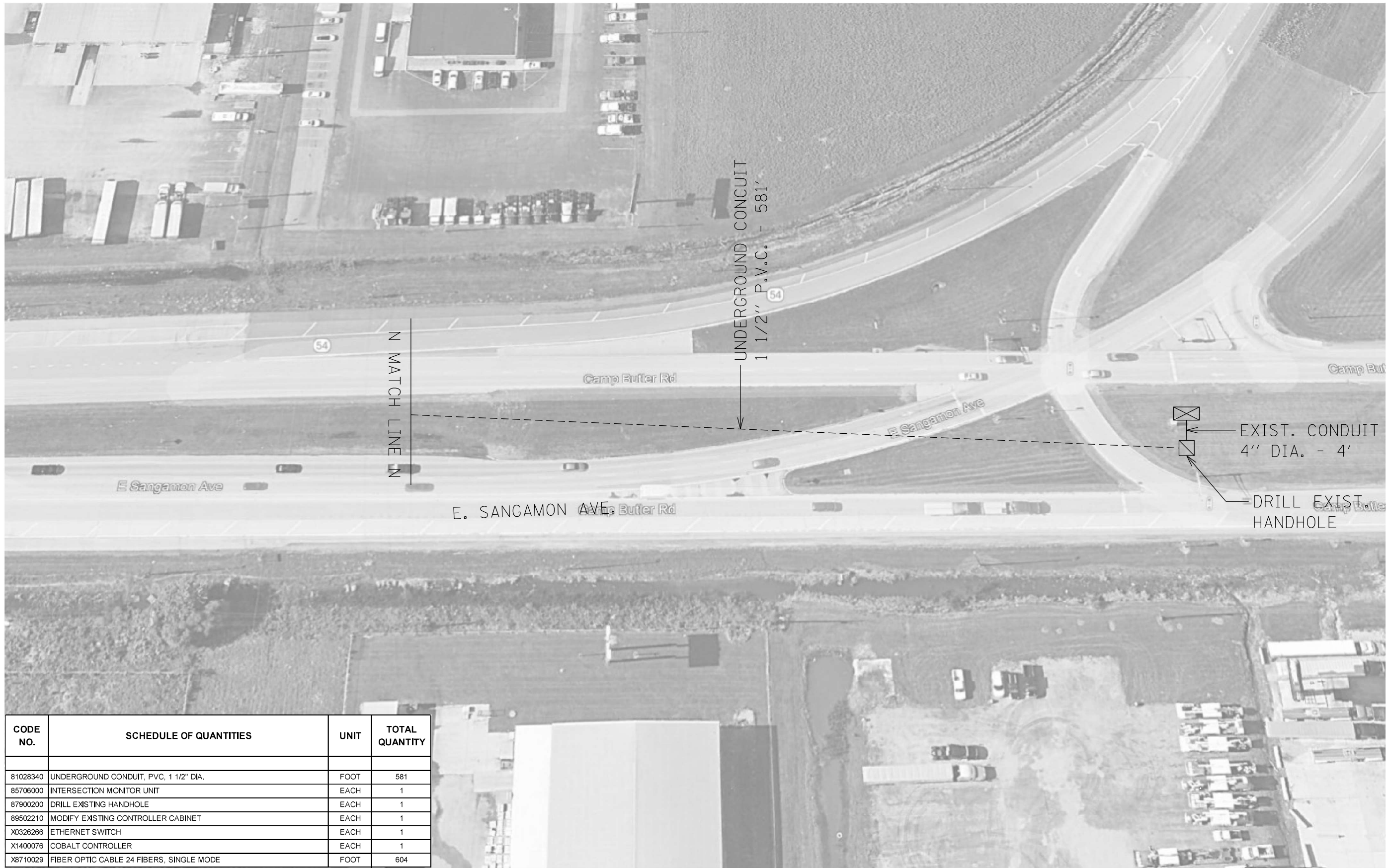
USER NAME = Timothy.Sharp	DESIGNED - _____	REVISED - _____
PLOT SCALE = 1.0000' / in.	DRAWN - _____	REVISED - _____
PLOT DATE = 8/24/2022	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SANGAMON AVE**

SCALE: \_\_\_\_\_ SHEET \_\_\_ OF \_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D6 ITS 2023	SANGAMON	32	23
CONTRACT NO. 72246			ILLINOIS FED. AID PROJECT	



CODE NO.	SCHEDULE OF QUANTITIES	UNIT	TOTAL QUANTITY
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	581
85706000	INTERSECTION MONITOR UNIT	EACH	1
87900200	DRILL EXISTING HANDHOLE	EACH	1
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
X0326266	ETHERNET SWITCH	EACH	1
X1400076	COBALT CONTROLLER	EACH	1
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	604

MODEL: D:\info\h...  
 FILE NAME: S:\CONTRACT\MT CAD\72246 - ITS - SANGAMON CO - 2023 (11-18-2023)\P\ANS\72809-sh-6-32-fiber\cabinets.dgn

USER NAME = Timothy.Sharp	DESIGNED - _____	REVISED - _____
PLOT SCALE = 1.0000' / in.	DRAWN - _____	REVISED - _____
PLOT DATE = 8/24/2022	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

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

**SANGAMON AVE**

SCALE: \_\_\_\_\_ SHEET \_\_\_ OF \_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D6 ITS 2023	SANGAMON	32	24
CONTRACT NO. 72246				
ILLINOIS FED. AID PROJECT				





CODE NO.	SCHEDULE OF QUANTITIES	UNIT	TOTAL QUANTITY	CODE NO.	SCHEDULE OF QUANTITIES	UNIT	TOTAL QUANTITY
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	1580	89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
85706000	INTERSECTION MONITOR UNIT	EACH	1	X8140105	HANDHOLE (SPECIAL)	EACH	2
87900200	DRILL EXISTING HANDHOLE	EACH	1	X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	1663

MODEL: D:\info\...  
 FILE NAME: S:\CONTRACTS\...  
 PROJECT: ITS - SANGAMON CO. - 2023 (11-18-2023)\P\ANS\72246-sh-6-32-fiber\cable-camera\dgn

USER NAME = Timothy.Sharp	DESIGNED - _____	REVISED - _____
DRAWN - _____	REVISIONS - _____	REVISIONS - _____
PLOT SCALE = 1.0000' / in.	CHECKED - _____	REVISIONS - _____
PLOT DATE = 8/24/2022	DATE - _____	REVISIONS - _____

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

SCALE: _____		SHEET _____	OF _____	SHEETS	STA. _____	TO STA. _____
--------------	--	-------------	----------	--------	------------	---------------

**PEORIA RD**

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D6 ITS 2023	SANGAMON	32	25
CONTRACT NO. 72246				
ILLINOIS FED. AID PROJECT				



CODE NO.	SCHEDULE OF QUANTITIES	UNIT	TOTAL QUANTITY
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	1620
X8140105	HANDHOLE (SPECIAL)	EACH	1
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	1630

MODEL: D:\info\ITC\CONTRACT\CONTRACT\CAD\72246 - ITS - SANGAMON CO - 2023 (11-18-2023)\PLANS\72246-ITS-6-32-File\cable-contract.dgn  
 FILE NAME: S:\CONTRACT\CONTRACT\CAD\72246 - ITS - SANGAMON CO - 2023 (11-18-2023)\PLANS\72246-ITS-6-32-File\cable-contract.dgn

USER NAME = Timothy.Sharp	DESIGNED - _____	REVISED - _____
PLOT SCALE = 1.0000' / in.	DRAWN - _____	REVISED - _____
PLOT DATE = 8/24/2022	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

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

<b>PEORIA RD</b>	
SCALE: _____	SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D6 ITS 2023	SANGAMON	32	26
			CONTRACT NO. 72246	
ILLINOIS FED. AID PROJECT				



CODE NO.	SCHEDULE OF QUANTITIES	UNIT	TOTAL QUANTITY
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	798
X8140105	HANDHOLE (SPECIAL)	EACH	2
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	818

MODEL: Default  
 FILE NAME: S:\CONTRACTS\ITC\72246 - ITS - SANGAMON CO - 2023 (11-18-2023)\PANS\72809-sh-6-32-flw-cable-conduits.dwg

USER NAME = Timothy.Sharp	DESIGNED - _____	REVISED - _____
PLOT SCALE = 1.0000' / in.	DRAWN - _____	REVISED - _____
PLOT DATE = 8/24/2022	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

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

**PEORIA RD**  
 SCALE: \_\_\_\_\_ SHEET \_\_\_\_ OF \_\_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D6 ITS 2023	SANGAMON	32	27
			CONTRACT NO. 72246	
		ILLINOIS	FED. AID PROJECT	



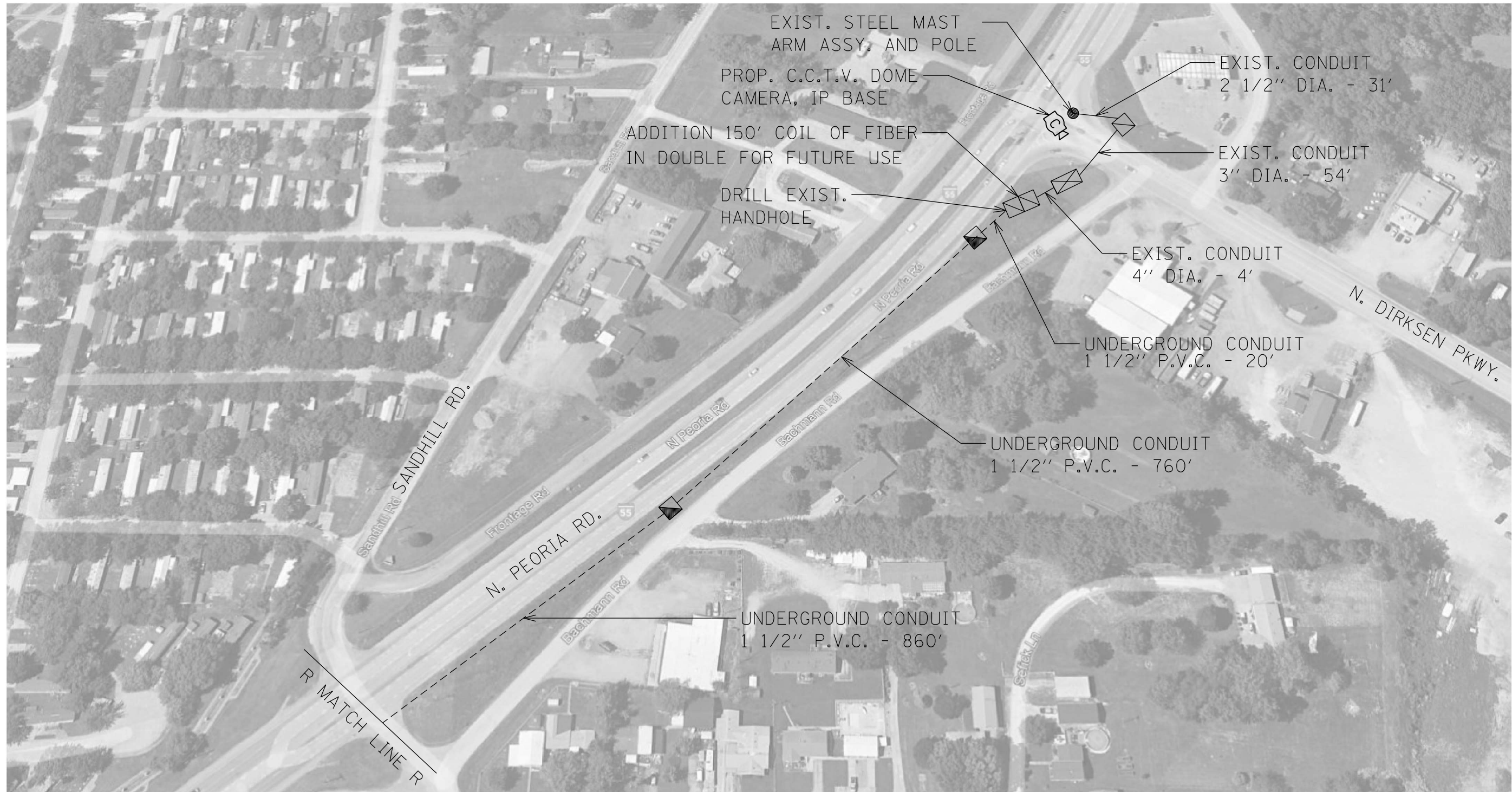
CODE NO.	SCHEDULE OF QUANTITIES	UNIT	TOTAL QUANTITY
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	803
X8140105	HANDHOLE (SPECIAL)	EACH	1
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	813

MODEL: D:\p1\h...  
 FILE NAME: S:\CONTRACT\CA072246 - ITS - SANGAMON CO - 2023 (11-18-2023)\P\ANS\72809-sh-6-32-flw\cbl-cv-matras.dgn

USER NAME = Timothy.Sharp	DESIGNED - _____	REVISED - _____
	DRAWN - _____	REVISED - _____
PLOT SCALE = 1.0000' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = 8/24/2022	DATE - _____	REVISED - _____

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

SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____		<b>PEORIA RD</b>				
		RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		VAR.	D6 ITS 2023	SANGAMON	32	28
		CONTRACT NO. 72246				
		ILLINOIS FED. AID PROJECT				



CODE NO.	SCHEDULE OF QUANTITIES	UNIT	TOTAL QUANTITY	CODE NO.	SCHEDULE OF QUANTITIES	UNIT	TOTAL QUANTITY
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	1640	X0326905	CLOSED CIRCUIT TELEVISION DOME CAMERA, IP BASED	EACH	1
85706000	INTERSECTION MONITOR UNIT	EACH	1	X1400076	COBALT CONTROLLER	EACH	1
87900200	DRILL EXISTING HANDHOLE	EACH	1	X8140105	HANDHOLE (SPECIAL)	EACH	2
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1	X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	1863
X0326266	ETHERNET SWITCH	EACH	1	Z0010688	CAMERA MOUNTING ASSEMBLY	EACH	1
X0326812	CAT 5 ETHERNET CABLE	FOOT	160				

MODEL: D:\m\h\...  
 FILE NAME: S:\CONTRACTS\...  
 DATE: 8/26/2022

USER NAME = Timothy.Sharp	DESIGNED - _____	REVISED - _____
PLOT SCALE = 1.0000' / in.	DRAWN - _____	REVISED - _____
PLOT DATE = 8/26/2022	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

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

PEORIA RD SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____		RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		VAR.	D6 ITS 2023	SANGAMON	32	29

CONTRACT NO. 72246		
ILLINOIS	FED. AID PROJECT	

EXIST. CONDUIT  
4" DIA. - 12'

DRILL EXIST.  
HANDHOLE

UNDERGROUND CONDUIT  
1 1/2" P.V.C. - 226'

VETERANS  
PKWY.

UNDERGROUND CONDUIT  
1 1/2" P.V.C. - 60'

UNDERGROUND CONDUIT  
1 1/2" P.V.C. - 763'

UNDERGROUND CONDUIT  
1 1/2" P.V.C. - 820'

UNDERGROUND CONDUIT  
1 1/2" P.V.C. - 658'

EXIST. CONDUIT  
4" DIA. - 10'

DRILL EXIST.  
HANDHOLE

CODE NO.	SCHEDULE OF QUANTITIES	UNIT	TOTAL QUANTITY
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	2527
85706000	INTERSECTION MONITOR UNIT	EACH	2
87900200	DRILL EXISTING HANDHOLE	EACH	2
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	2
X0326266	ETHERNET SWITCH	EACH	1
X1400076	COBALT CONTROLLER	EACH	1
X8140105	HANDHOLE (SPECIAL)	EACH	4
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	2605

MODEL: D:\m\h\...  
FILE NAME: S:\CONTRACT\...  
DATE: 8/24/2022

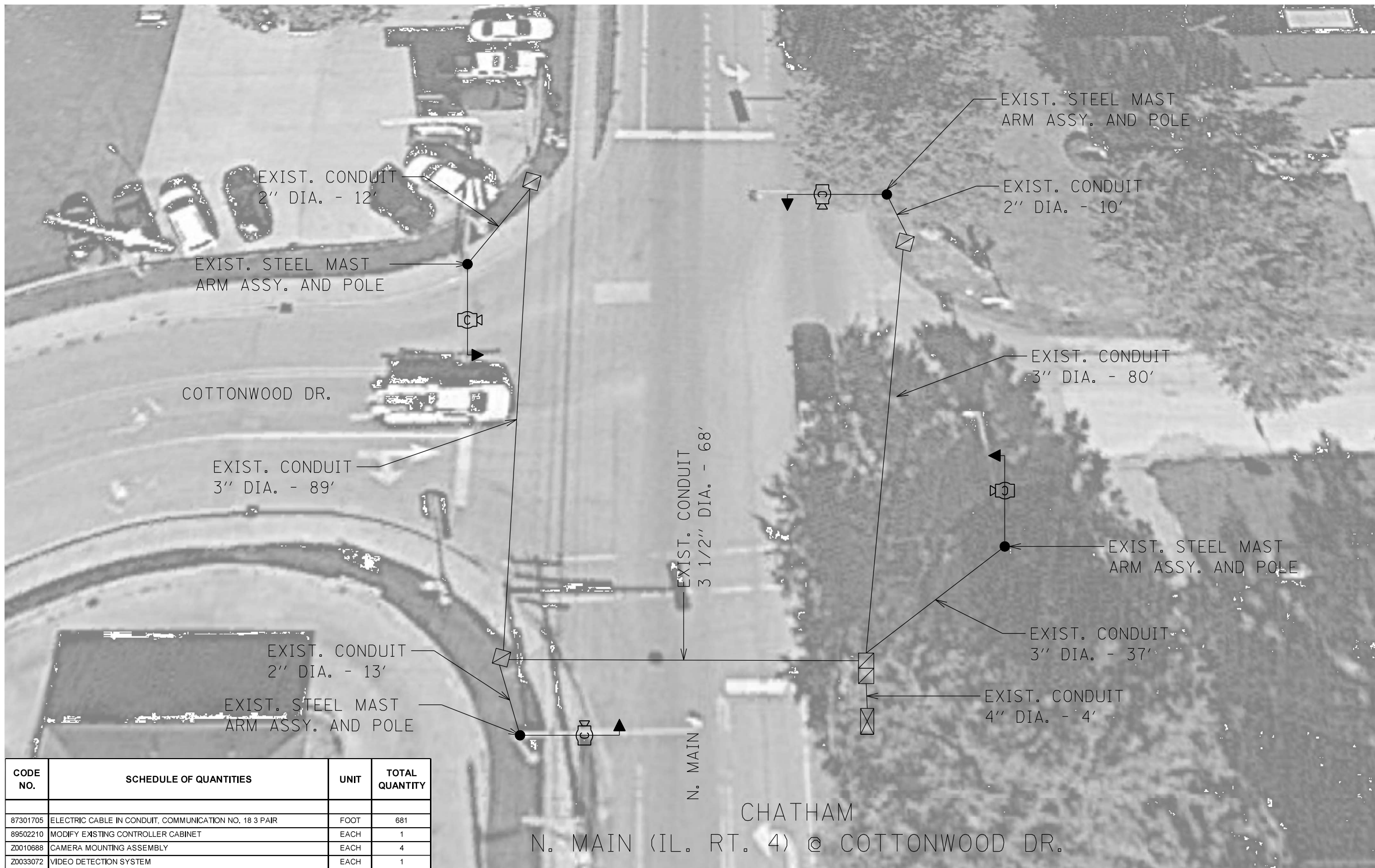
USER NAME = Timothy.Sharp	DESIGNED - _____	REVISED - _____
DRAWN - _____	CHECKED - _____	REVISED - _____
PLOT SCALE = 1.0000' / in.	DATE - _____	REVISED - _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BROWNING RD**

SCALE: \_\_\_\_\_ SHEET \_\_\_\_\_ OF \_\_\_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D6 ITS 2023	SANGAMON	32	30
CONTRACT NO. 72246			ILLINOIS FED. AID PROJECT	



CODE NO.	SCHEDULE OF QUANTITIES	UNIT	TOTAL QUANTITY
87301705	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 3 PAIR	FOOT	681
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
Z0010688	CAMERA MOUNTING ASSEMBLY	EACH	4
Z0033072	VIDEO DETECTION SYSTEM	EACH	1

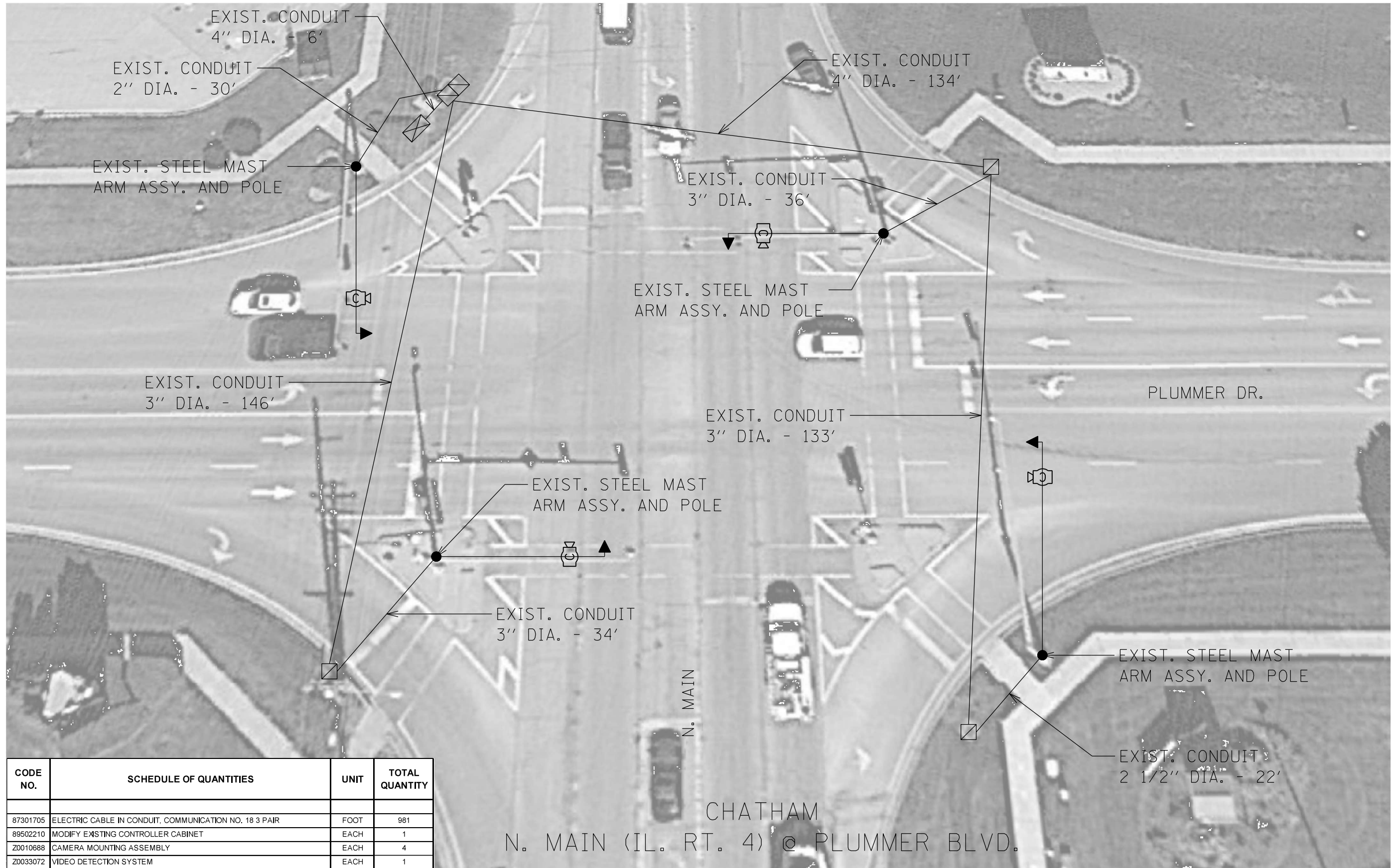
MODEL: D:\d6\h...  
 FILE NAME: S:\CONTRACTS\ITC - ITS - SANGAMON CO - 2023 (11-18-2023)\P\ANS\72809-sh-6-32-fiber-cable-camera-dfm

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PLAN

SCALE: \_\_\_\_\_ SHEET \_\_\_ OF \_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D6 ITS 2023	SANGAMON	32	31
CONTRACT NO. 72246				
ILLINOIS FED. AID PROJECT				



CODE NO.	SCHEDULE OF QUANTITIES	UNIT	TOTAL QUANTITY
87301705	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 3 PAIR	FOOT	981
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
Z0010688	CAMERA MOUNTING ASSEMBLY	EACH	4
Z0033072	VIDEO DETECTION SYSTEM	EACH	1

CHATHAM  
N. MAIN (IL. RT. 4) @ PLUMMER BLVD.

MODEL: D:\p\h\... FILE NAME: S:\CONTRACTS\... CAD: 72246 - ITS - SANGAMON, CO - 2023 (11-18-2023) PLANS\72809-sh-6-32-flw-cable-camera.dgn

USER NAME = Timothy.Sharp	DESIGNED - _____	REVISED - _____
PLOT SCALE = 1.0000' / in.	DRAWN - _____	REVISED - _____
PLOT DATE = 8/24/2022	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN**  
SCALE: \_\_\_\_\_ SHEET \_\_\_ OF \_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D6 ITS 2023	SANGAMON	32	32
			CONTRACT NO. 72246	
ILLINOIS FED. AID PROJECT				