

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A. RYE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAA	D4 ELECTRICAL 2024	VARIOUS	10	1
		ILLINOIS		CONTRACT NO. 68J27

D-94-051-24

INDEX OF SHEETS:
SEE SHEET 2 FOR INDEX OF SHEETS

PROPOSED
HIGHWAY PLANS
VARIOUS ROUTES
SECTION: D4 ELECTRICAL 2024
VARIOUS COUNTIES

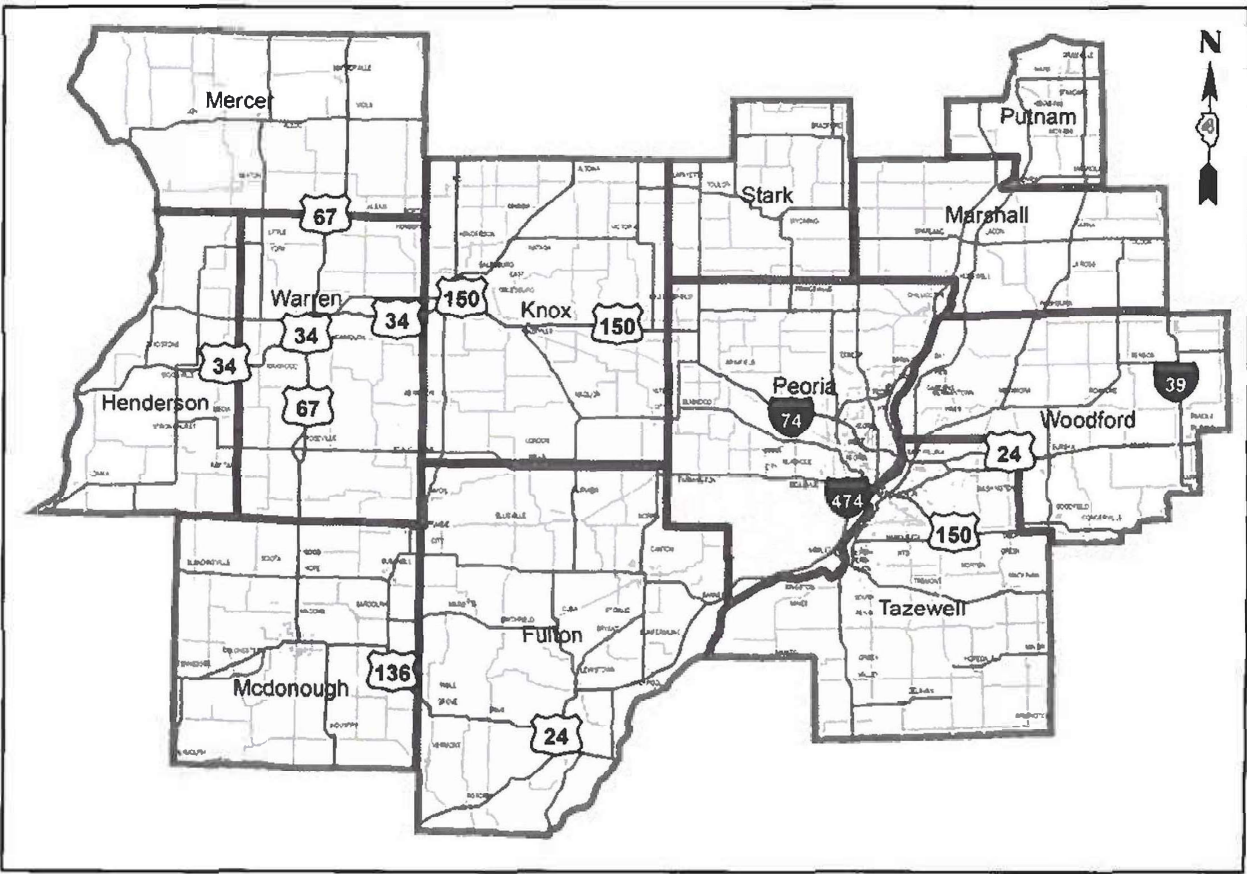
C-94-079-24



LOCATION OF SECTION INDICATED THUS: —

HIGHWAY STANDARDS:
SEE SHEET 2 FOR A LIST OF
APPLICABLE HIGHWAY STANDARDS

PROJECT DESCRIPTION:
INSTALLATION OF ITS AND TRAFFIC
SIGNAL EQUIPMENT AT VARIOUS
LOCATIONS IN DISTRICT 4.



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

PROJECT ENGINEER : TREVOR HANSON (309) 671-4474
PROJECT MANAGER : ERIC HOWALD (309) 671-4481
CATALOG NO. 036531-00D
CONTRACT NO. 68J27

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED December 19 20 24
Kessil L. Darnell REGIONAL ENGINEER

January 31 25
Scott E. Etkin ENGINEER OF DESIGN AND ENVIRONMENT

January 31 25
Gregory 5 DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

NO COMMITMENTS HAVE BEEN MADE IN CONJUNCTION WITH THIS PROJECT.

INDEX OF SHEETS	
SHEET	DESCRIPTION
1	COVER SHEET
2	COMMITMENTS, INDEX OF SHEETS, HIGHWAY STANDARDS, AND TRAFFIC SIGNAL CONSTRUCTION STAGING NOTES
3	CONSTRUCTION NOTES
4	SUMMARY OF QUANTITIES
5	SCHEDULE OF QUANTITIES
6	PROPOSED ITS IMPROVEMENTS ALONG GLEN OAK AVE. - PEORIA
7	PROPOSED ITS IMPROVEMENTS I-155 & BROADWAY RD. INTERCHANGE - TAZEWELL COUNTY
8	PROPOSED ITS IMPROVEMENTS I-155 & TOWNLINE RD. INTERCHANGE - TAZEWELL COUNTY
9	PROPOSED ITS IMPROVEMENTS I-155 & IL 122 (MCMULLEN RD.) INTERCHANGE - TAZEWELL COUNTY
10	PROPOSED ITS IMPROVEMENTS IL 29 & OLD GALENA RD. - PEORIA COUNTY

HIGHWAY STANDARDS	
STANDARD	DESCRIPTION
000001-08	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701456-05	PARTIAL EXIT RAMP CLOSURE, FREEWAY/ EXPRESSWAY
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-10	TRAFFIC CONTROL DEVICES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES

701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE

TRAFFIC SIGNAL CONSTRUCTION STAGING NOTES	
1.	THE CONTRACTOR WILL BE ALLOWED TO PLACE THE INTERSECTION INTO ALL-RED FLASH MODE TO FACILITATE THE INSTALLATION OF THE PROPOSED TRAFFIC SIGNAL BATTERY BACKUP, VIDEO DETECTION, ELECTRICAL CABLE AND OTHER COMPONENTS.
2.	THE CONTRACTOR SHALL FURNISH AND INSTALL A MINIMUM OF TWO STOP SIGNS PER APPROACH WHEN THE INTERSECTION IS OPERATING IN ALL-RED FLASH MODE. THE TRAFFIC SIGNALS MAY BE PLACED INTO ALL-RED FLASH MODE BETWEEN THE HOURS OF 8:30AM AND 3:00PM ONLY.
3.	THE CONTRACTOR SHALL RESTORE THE TRAFFIC SIGNALS TO NORMAL OPERATION AT ALL OTHER TIMES, UNLESS SPECIFICALLY DIRECTED OTHERWISE BY THE ENGINEER.
4.	ALL COSTS (LABOR, MATERIALS, AND EQUIPMENT) ASSOCIATED WITH THESE REQUIREMENTS SHALL BE INCLUDED IN THE BID PRICE FOR "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)." THERE WILL BE NO ADDITIONAL COMPENSATION FOR ITEMS REQUIRED TO IMPLEMENT STAGING, INCLUDING, BUT NOT LIMITED TO, TEMPORARY CABLE SPLICES, TEMPORARY TRAFFIC POSTS, AND PREMIUM TIME HOURS.

MODEL: Default
FILE: Model_C:\Users\Trevor.Hanson\OneDrive - State of Illinois - Dept. of Innovation & Technology\6827 - ITS\12-16-24\1.dgn

	USER NAME = trevor.hanson	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMMITMENTS, INDEX OF SHEETS, HIGHWAY STANDARDS, AND TRAFFIC SIGNAL CONSTRUCTION STAGING NOTES				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.				
		DRAWN -	REVISED -						VAR.	D4 ELECTRICAL 2024	VARIOUS	16	2				
	PLOT SCALE = 23.8272 ' / in.	CHECKED -	REVISED -						CONTRACT NO. 68J27								
	PLOT DATE = 12/18/2024	DATE -	REVISED -		SCALE:				SHEET	OF	SHEETS	STA.	TO STA.				
													ILLINOIS			FED. AID PROJECT	

Model Default
FILE NAME: C:\Users\Trevor.Hanson\OneDrive - State of Illinois - Dept. of Innovation & Technology\68J27 - ITS\68J27 ITS 12-6-24.dgn

CONSTRUCTION NOTES	
1.	THE LOCATION OF ALL UTILITIES AND PRIVATELY OWNED FACILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO THE INSTALLATION OF ANY COMPONENTS.
2.	THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING EXISTING IDOT ELECTRICAL FACILITIES AT HIS/HER OWN EXPENSE IF REQUIRED. THE CONTRACTOR SHALL ALSO BE LIABLE FOR ANY DAMAGE TO IDOT FACILITIES RESULTING FROM INACCURATE LOCATING.
3.	ELECTRICAL WORK SHALL CONFORM WITH NATIONAL, STATE, AND LOCAL CODES.
4.	THE CONTRACTOR SHALL VERIFY FIELD CONDITIONS PRIOR TO BIDDING. THERE WILL BE NO ADDITIONAL COMPENSATION PAID FOR CLAIMS THAT ARISE FROM A FAILURE TO FULLY INVESTIGATE EXISTING FIELD CONDITIONS.
5.	THE EXISTING TRAFFIC SIGNALS AND LIGHTING SYSTEMS SHALL REMAIN IN OPERATION DURING THE CONSTRUCTION OF THE PROPOSED ITEMS.
6.	ANY MAINTENANCE OF EXISTING TRAFFIC SIGNALS WILL BE CONSIDERED EXTRA WORK IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
7.	ALL SURPLUS MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.
8.	REMOVAL OF EXISTING VIDEO DETECTION ITEMS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INLCUDED IN THE BID PRICES OF THE PROPOSED VIDEO DETECTION SYSTEMS.
9.	ALL CCTV CAMERAS SHALL BE INSTALLED AT A MOUNTING HEIGHT OF 43 FT AND ORIENTED TO MAXIMIZE VISIBILITY OF ROADWAY.
10.	THE COST OF INSTALLING THE PROPOSED CONDUIT INTO EXISTING METAL AND CONCRETE FOUNDATIONS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INLCUDED IN THE COST OF THE PROPOSED CONDUIT.
11.	AT LOCATIONS WITH AN EXISTING CCTV CAMERA, THE CONTRACTOR SHALL RE-USE EXISTING CCTV CAMERA MOUNTING BRACKET, HARDWARE, ETHERNET CABLE, ETC. WITH THE PROPOSED CCTV CAMERA INSTALLATION. THE CONTRACTOR SHALL REMOVE AND DELVER THE EXISTING CCTV CAMERA TO THE IDOT TRAFFIC BUILDING AT 1025 W. DETWEILLER DR. PEORIA, IL 61615.

	USER NAME = trevor.hanson	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CONSTRUCTION NOTES		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -				VAR.	D4 ELECTRICAL 2024	VARIOUS	16	3
	PLOT SCALE = 23,8272' +/- in.	CHECKED -	REVISED -				CONTRACT NO. 68J27				
	PLOT DATE = 12/18/2024	DATE -	REVISED -		SCALE:	SHEET OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

MODEL Default
FILE Name: C:\Users\Trevor.Hanson\OneDrive - State of Illinois - Dept. of Innovation & Technology\68J27 - ITS\68J27 ITS 12-6-24.dgn

SUMMARY OF QUANTITIES				FULTON COUNTY	KNOX COUNTY	PEORIA COUNTY		TAZEWELL COUNTY	WARREN COUNTY	WOODFORD COUNTY
				CONST. TYPE	CONST. TYPE	CONST. TYPE	CONST. TYPE	CONST. TYPE	CONST. TYPE	CONST. TYPE
				CODE 0021	CODE 0021	CODE 0021	CODE 0021	CODE 0021	CODE 0021	CODE 0021
				100% STATE	100% STATE	100% STATE	90% STATE	100% STATE	100% STATE	100% STATE
				0% CANTON	0% COUNTY	0% PEORIA	10% PEORIA	0% COUNTY	0% MONMOUTH	0% COUNTY
				ITS/ SIGNALS	ITS/ SIGNALS	ITS/ SIGNALS	ITS/ SIGNALS	ITS/ SIGNALS	ITS/ SIGNALS	ITS/ SIGNALS
ITEM CODE	ITEM DESCRIPTION	UNIT	TOTAL QTY.	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
67100100	MOBILIZATION	L SUM	1.0			0.5		0.5		
81028310	UNDERGROUND CONDUIT, PVC, 3/4" DIA.	FOOT	2150.0			135.0		2015.0		
X0320023	CLOSED CIRCUIT TELEVISION DOME CAMERA, HD	EACH	11.0	1.0	2.0	3.0		3.0	1.0	1.0
X0326812	CAT 5 ETHERNET CABLE	FOOT	2576.5			389.0		2187.5		
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1.0			0.5		0.5		
X8130110	JUNCTION BOX (SPECIAL)	EACH	5.0					5.0		
X8710049	POWER OVER ETHERNET EXTENDER	EACH	5.0					5.0		
X8891011	VIDEO VEHICLE DETECTION SYSTEM, 3 CAMERA	EACH	2.0				2.0			
XP000131	15A CIRCUIT BREAKER, 1P	EACH	4.0			1.0		3.0		

MODEL Default
FILE Name: C:\Users\Trevor.Hanson\OneDrive - State of Illinois - Dept. of Innovation & Technology\68J27 - ITS\68J27 ITS 112-6-24.dgn

81028310				
UNDERGROUND CONDUIT, PVC, 3/4" DIA.				
COUNTY	CITY	LOCATION	QTY. (FOOT)	COST SHARE % (STATE/CITY)
PEORIA	N/A	IL 29 & OLD GALENA	135.0	100/0
TAZEWELL	N/A	I-155 & BROADWAY RD. INTERCHANGE	415.0	100/0
	N/A	I-155 & TOWNLINE RD. INTERCHANGE	825.0	100/0
	N/A	I-155 & IL 122 (MCMULLEN RD.) INTERCHANGE	775.0	100/0
TOTAL			2150.0	

X0320023				
CLOSED CIRCUIT TELEVISION DOME CAMERA, HD				
COUNTY	CITY	LOCATION	QTY. (EACH)	COST SHARE % (STATE/CITY)
FULTON	CANTON	IL 9 (MAIN) & IL 78 (LOCUST)*	1.0	100/0
KNOX	N/A	I-74 EB SPOON RIVER REST AREA*	1.0	100/0
	N/A	I-74 WB SPOON RIVER REST AREA*	1.0	100/0
PEORIA	PEORIA	IL 40 (KNOXVILLE/FAYETTE) & GLEN OAK AVE.	1.0	100/0
		IL 40 (KNOXVILLE/SPALDING) & GLEN OAK AVE.	1.0	100/0
TAZEWELL	N/A	IL 29 & OLD GALENA	1.0	100/0
	N/A	I-155 & BROADWAY RD. INTERCHANGE	1.0	100/0
	N/A	I-155 & TOWNLINE RD. INTERCHANGE	1.0	100/0
WARREN	MONMOUTH	I-155 & IL 122 (MCMULLEN RD.) INTERCHANGE	1.0	100/0
		US 34 & 6TH ST.	1.0	100/0
WOODFORD	N/A	I-74 EB MACKINAW DELLS REST AREA	1.0	100/0
TOTAL			11.0	

* INDICATES LOCATION WITH EXISTING CCTV CAMERA. CONTRACTOR SHALL RE-USE EXISTING CCTV CAMERA MOUNTING BRACKET, HARDWARE, ETHERNET CABLE, ETC. WITH THE PROPOSED CCTV CAMERA. THE CONTRACTOR SHALL REMOVE AND DELIVER THE EXISTING CCTV CAMERA TO THE IDOT TRAFFIC BUILDING AT 1025 W. DETWEILLER DR. PEORIA, IL 61615.

X0326812				
CAT 5 ETHERNET CABLE				
COUNTY	CITY	LOCATION	QTY. (FOOT)	COST SHARE % (STATE/CITY)
PEORIA	PEORIA	IL 40 (KNOXVILLE/FAYETTE) & GLEN OAK AVE.	117.0	100/0
		IL 40 (KNOXVILLE/SPALDING) & GLEN OAK AVE.	82.0	100/0
	N/A	IL 29 & OLD GALENA	190.0	100/0
TAZEWELL	N/A	I-155 & BROADWAY RD. INTERCHANGE	471.5	100/0
	N/A	I-155 & TOWNLINE RD. INTERCHANGE	883.0	100/0
	N/A	I-155 & IL 122 (MCMULLEN RD.) INTERCHANGE	833.0	100/0
TOTAL			2576.5	

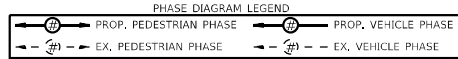
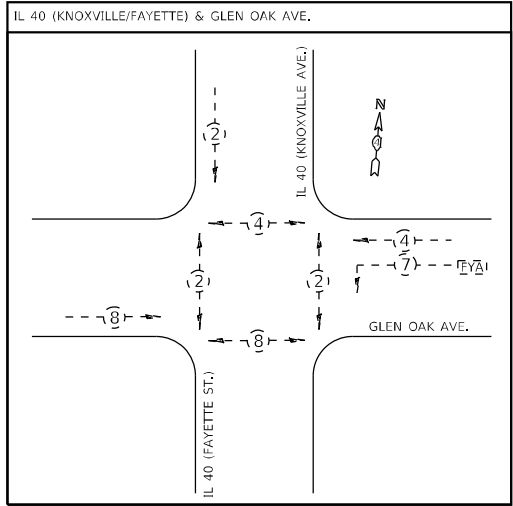
X8130110				
JUNCTION BOX (SPECIAL)				
COUNTY	CITY	LOCATION	QTY. (EACH)	COST SHARE % (STATE/CITY)
TAZEWELL	N/A	I-155 & BROADWAY RD. INTERCHANGE	1.0	100/0
	N/A	I-155 & TOWNLINE RD. INTERCHANGE	2.0	100/0
	N/A	I-155 & IL 122 (MCMULLEN RD.) INTERCHANGE	2.0	100/0
TOTAL			5.0	

X8710049				
POWER OVER ETHERNET EXTENDER				
COUNTY	CITY	LOCATION	QTY. (EACH)	COST SHARE % (STATE/CITY)
TAZEWELL	N/A	I-155 & BROADWAY RD. INTERCHANGE	1.0	100/0
	N/A	I-155 & TOWNLINE RD. INTERCHANGE	2.0	100/0
	N/A	I-155 & IL 122 (MCMULLEN RD.) INTERCHANGE	2.0	100/0
TOTAL			5.0	

X8891011				
VIDEO VEHICLE DETECTION SYSTEM, 3 CAMERA				
COUNTY	CITY	LOCATION	QTY. (EACH)	COST SHARE % (STATE/CITY)
PEORIA	PEORIA	IL 40 (KNOXVILLE/SPALDING) & GLEN OAK AVE.	1.0	90/10
		IL 40 (KNOXVILLE/FAYETTE) & GLEN OAK AVE.	1.0	90/10
TOTAL			2.0	

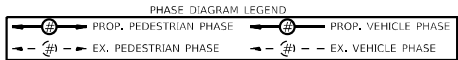
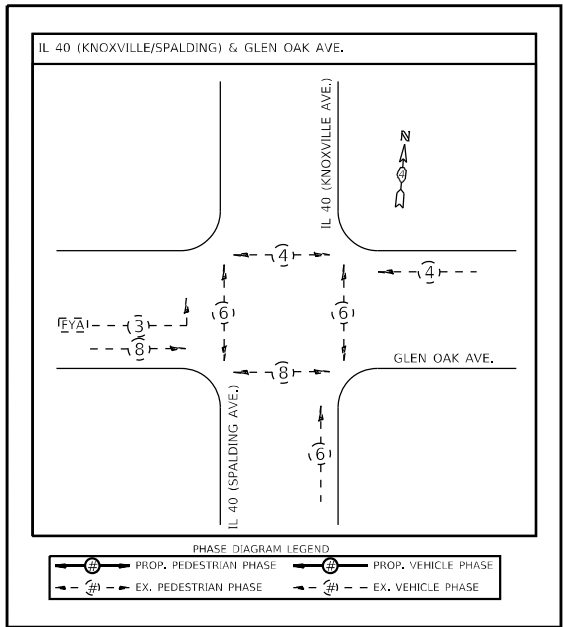
XP000131				
15A CIRCUIT BREAKER, 1P				
COUNTY	CITY	LOCATION	QTY. (EACH)	COST SHARE % (STATE/CITY)
		MACARTHUR HWY. BRIDGE		100/0
		IL 29 & OLD GALENA	1.0	100/0
	N/A	I-155 & BROADWAY RD. INTERCHANGE	1.0	100/0
TAZEWELL	N/A	I-155 & TOWNLINE RD. INTERCHANGE	1.0	100/0
	N/A	I-155 & IL 122 (MCMULLEN RD.) INTERCHANGE	1.0	100/0
TOTAL			4.0	

BILL OF MATERIALS		
GLEN OAK AVE.		
ITEM DESCRIPTION	UNIT	QTY.
CLOSED CIRCUIT TELEVISION DOME CAMERA, HD	EACH	2.0
CAT 5 ETHERNET CABLE	FOOT	199.0
VIDEO VEHICLE DETECTION SYSTEM, 3 CAMERA	EACH	2.0



- LEGEND
- EXISTING TRAFFIC SIGNAL CONTROLLER CABINET
 - EXISTING BATTERY BACKUP
 - EXISTING HANDHOLE
 - EXISTING DOUBLE HANDHOLE
 - EXISTING LIGHT POLE
 - EXISTING COMBINATION MAST ARM
 - EXISTING PREEMPTION DETECTOR
 - EXISTING CONDUIT
 - PROPOSED CCTV CAMERA
 - PROPOSED VIDEO VEHICLE DETECTION CAMERA
 - PROPOSED VIDEO DETECTION ZONE

- NOTES:
- ALL VIDEO DETECTION CAMERAS SHALL BE INSTALLED ON 5 FT. ALUMINUM BRACKET ON MAST ARM, CENTERED OVER THE APPROACH.
 - THE VIDEO DETECTION CAMERA FOR WB TRAFFIC AT IL 40 (KNOXVILLE/FAYETTE) & GLEN OAK SHALL BE INSTALLED AND ORIENTED TO INCLUDE ROADWAY APPROACH UNDER THE I-74 OVERPASS IS IN THE DETECTION ZONE.
 - THE VIDEO DETECTION CAMERA FOR EB TRAFFIC AT IL 40 (KNOXVILLE/SPALDING) & GLEN OAK SHALL BE INSTALLED AND ORIENTED TO INCLUDE ROADWAY APPROACH UNDER THE I-74 OVERPASS IS IN THE DETECTION ZONE.



NOT TO SCALE

MODEL: Default
FILE: \\nlp101\csc\area1\Trevor\hanson\OneDrive - State of Illinois - Dept. of Innovation & Technology\68J27 - ITS\68J27 ITS 112-6-24.dgn

USER NAME = trevor.hanson	DESIGNED -	REVISED -
PLOT SCALE = 23,8272 * / in.	DRAWN -	REVISED -
PLOT DATE = 12/18/2024	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

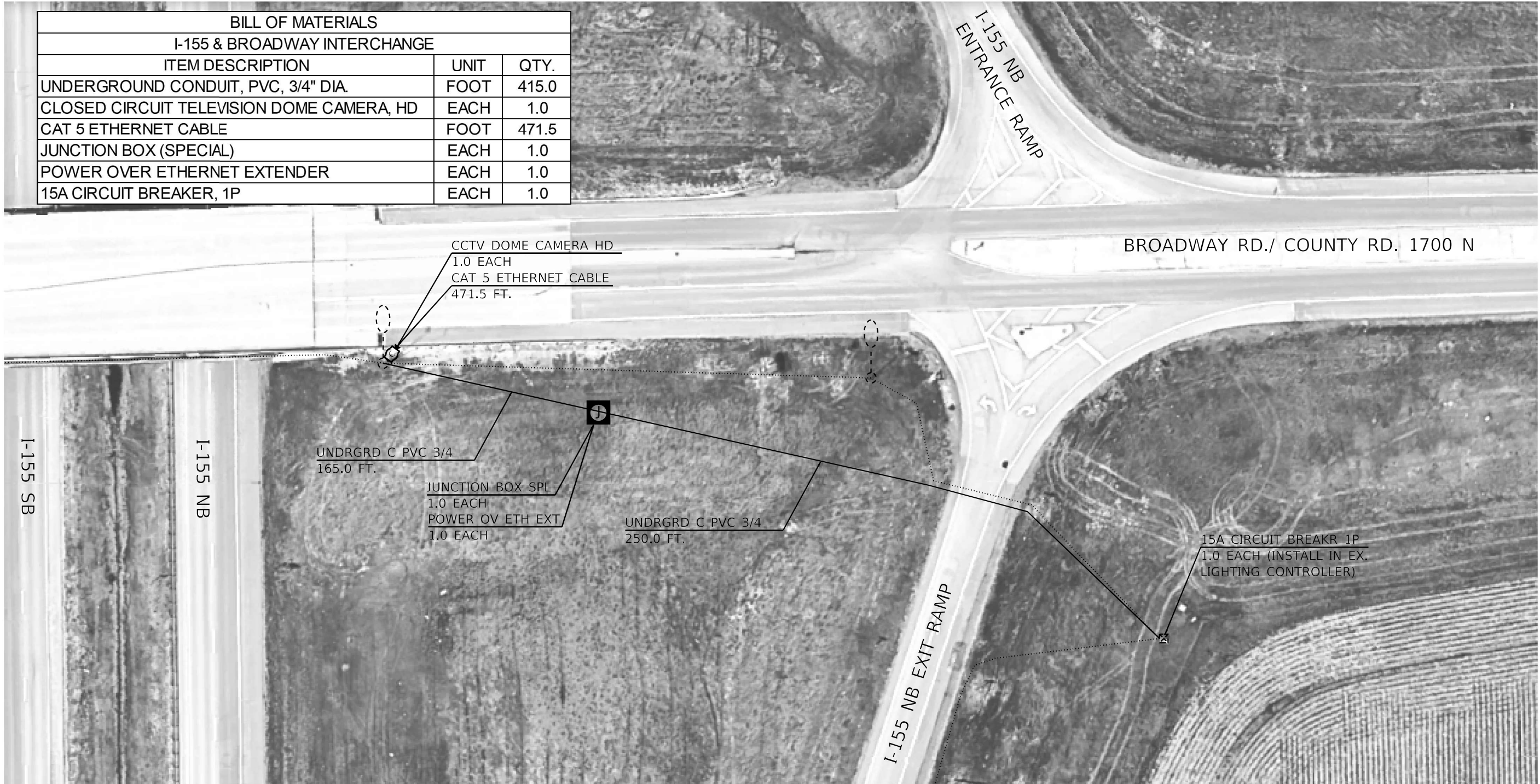
PROPOSED ITS IMPROVEMENTS ALONG GLEN OAK AVE. - PEORIA

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ELECTRICAL 2024	VARIOUS	16	6
CONTRACT NO. 68J27				
ILLINOIS FED. AID PROJECT				



BILL OF MATERIALS		
I-155 & BROADWAY INTERCHANGE		
ITEM DESCRIPTION	UNIT	QTY.
UNDERGROUND CONDUIT, PVC, 3/4" DIA.	FOOT	415.0
CLOSED CIRCUIT TELEVISION DOME CAMERA, HD	EACH	1.0
CAT 5 ETHERNET CABLE	FOOT	471.5
JUNCTION BOX (SPECIAL)	EACH	1.0
POWER OVER ETHERNET EXTENDER	EACH	1.0
15A CIRCUIT BREAKER, 1P	EACH	1.0



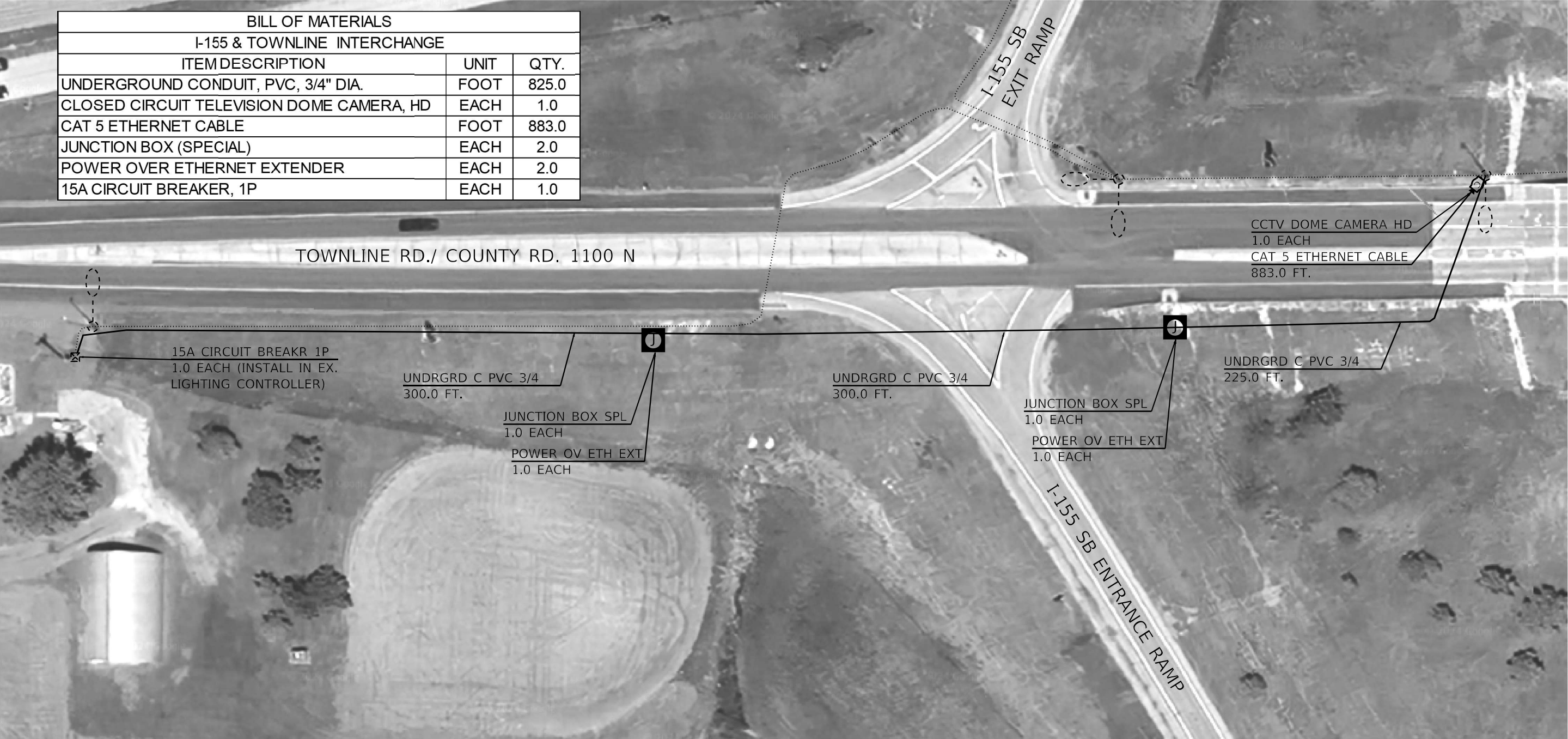
- NOTES:
1. A CELLULAR MODEM WILL BE FURNISHED AND INSTALLED IN THE EXISTING LIGHTING CONTROLLER CABINET BY IDOT AT A LATER DATE.
 2. THE CONTRACTOR SHALL INSTALL THE PROPOSED CONDUIT INTO THE EXISTING CONCRETE OR METAL FOUNDATIONS AS NEEDED, THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE BID PRICE OF THE CONDUIT.
 3. THE CONTRACTOR SHALL INSTALL THE PROPOSED CCTV CAMERA AT A MOUNTING HEIGHT OF 43 FT., ORIENTED TO OPTIMIZE THE VIEW OF TRAFFIC ON THE INTERSTATE AS WELL AS SIDE STREET.
 4. CAT 5 ETHERNET CABLE RUNS SHALL NOT EXCEED 310 FT.
 5. THE CONTRACTOR SHALL LOCATE EXISTING IDOT LIGHTING FACILITIES PRIOR TO COMMENCING WORK.

LEGEND	
	EXISTING LIGHTING CONTROLLER
	EXISTING LIGHT POLE
	EXISTING UNIT DUCT
	PROPOSED CCTV CAMERA
	PROPOSED JUNCTION BOX
	PROPOSED CONDUIT

NOT TO SCALE

	USER NAME = trevor,hanson	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED ITS IMPROVEMENTS I-155 & BROADWAY RD.INTERCHANGE – TAZEVELL COUNTY				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
		DRAWN -	REVISED -			VAR.	D4 ELECTRICAL 2024	VARIOUS	16	7																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	PLOT SCALE = 23,8272' / in.	CHECKED -	REVISED -					CONTRACT NO. 68J27																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
	PLOT DATE = 12/18/2024	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																

MODEL Default
FILE Name: C:\Users\Trevor.Hanson\OneDrive - State of Illinois - Dept. of Innovation & Technology\68J27 - ITS\68J27 ITS I12-6-24.dgn



BILL OF MATERIALS		
I-155 & TOWNLINE INTERCHANGE		
ITEM DESCRIPTION	UNIT	QTY.
UNDERGROUND CONDUIT, PVC, 3/4" DIA.	FOOT	825.0
CLOSED CIRCUIT TELEVISION DOME CAMERA, HD	EACH	1.0
CAT 5 ETHERNET CABLE	FOOT	883.0
JUNCTION BOX (SPECIAL)	EACH	2.0
POWER OVER ETHERNET EXTENDER	EACH	2.0
15A CIRCUIT BREAKER, 1P	EACH	1.0

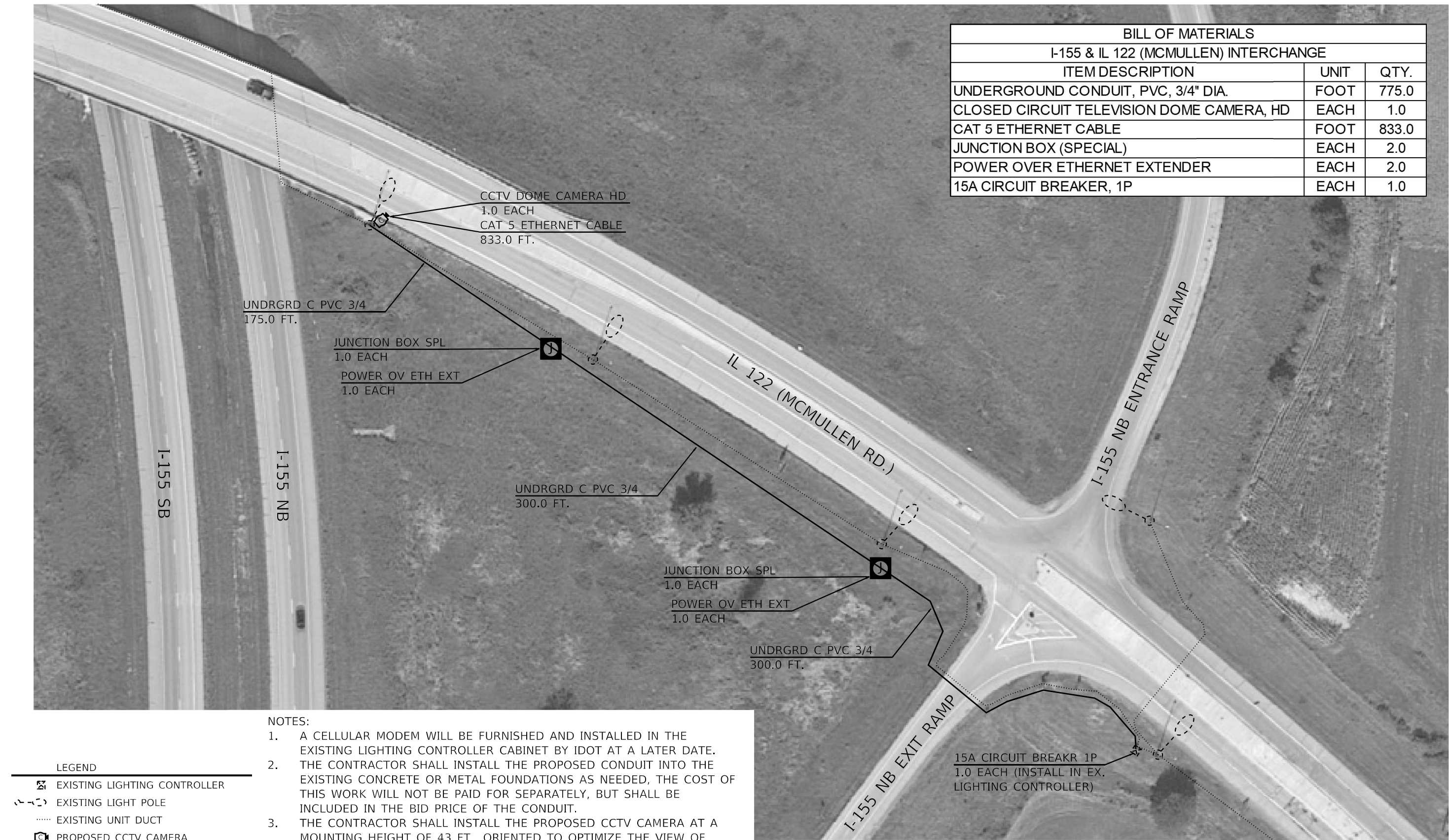
- NOTES:
1. A CELLULAR MODEM WILL BE FURNISHED AND INSTALLED IN THE EXISTING LIGHTING CONTROLLER CABINET BY IDOT AT A LATER DATE.
 2. THE CONTRACTOR SHALL INSTALL THE PROPOSED CONDUIT INTO THE EXISTING CONCRETE OR METAL FOUNDATIONS AS NEEDED, THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE BID PRICE OF THE CONDUIT.
 3. THE CONTRACTOR SHALL INSTALL THE PROPOSED CCTV CAMERA AT A MOUNTING HEIGHT OF 43 FT., ORIENTED TO OPTIMIZE THE VIEW OF TRAFFIC ON THE INTERSTATE AS WELL AS SIDE STREET.
 4. CAT 5 ETHERNET CABLE RUNS SHALL NOT EXCEED 310 FT.
 5. THE CONTRACTOR SHALL LOCATE EXISTING IDOT LIGHTING FACILITIES PRIOR TO COMMENCING WORK.

LEGEND	
	EXISTING LIGHTING CONTROLLER
	EXISTING LIGHT POLE
	EXISTING UNIT DUCT
	PROPOSED CCTV CAMERA
	PROPOSED JUNCTION BOX
	PROPOSED CONDUIT

MODEL Default
FILE Name: C:\Users\Trevor.Hanson\OneDrive - State of Illinois - Dept. of Innovation & Technology\68J27 - ITS\68J27 ITS 112-6-24.dgn

	USER NAME = trevor.hanson		DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED ITS IMPROVEMENTS		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -		CHECKED -	REVISED -		I-155 & TOWNLINE RD. INTERCHANGE - TAZEWELL COUNTY		VAR.	D4 ELECTRICAL 2024	VARIOUS	16	9
	PLOT SCALE = 23,8272' = 1" = 100'		DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT				

MODEL: Default
FILE: \\nautilus\csc\users\trevor.hanson\OneDrive - State of Illinois - Dept. of Innovation & Technology\68J27 - ITS\68J27 ITS 112-6-24.dgn



BILL OF MATERIALS		
I-155 & IL 122 (MCMULLEN) INTERCHANGE		
ITEM DESCRIPTION	UNIT	QTY.
UNDERGROUND CONDUIT, PVC, 3/4" DIA.	FOOT	775.0
CLOSED CIRCUIT TELEVISION DOME CAMERA, HD	EACH	1.0
CAT 5 ETHERNET CABLE	FOOT	833.0
JUNCTION BOX (SPECIAL)	EACH	2.0
POWER OVER ETHERNET EXTENDER	EACH	2.0
15A CIRCUIT BREAKER, 1P	EACH	1.0



- LEGEND

 - EXISTING LIGHTING CONTROLLER
 - EXISTING LIGHT POLE
 - EXISTING UNIT DUCT
 - PROPOSED CCTV CAMERA
 - PROPOSED JUNCTION BOX
 - PROPOSED CONDUIT
- NOTES:

 - A CELLULAR MODEM WILL BE FURNISHED AND INSTALLED IN THE EXISTING LIGHTING CONTROLLER CABINET BY IDOT AT A LATER DATE.
 - THE CONTRACTOR SHALL INSTALL THE PROPOSED CONDUIT INTO THE EXISTING CONCRETE OR METAL FOUNDATIONS AS NEEDED, THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE BID PRICE OF THE CONDUIT.
 - THE CONTRACTOR SHALL INSTALL THE PROPOSED CCTV CAMERA AT A MOUNTING HEIGHT OF 43 FT., ORIENTED TO OPTIMIZE THE VIEW OF TRAFFIC ON THE INTERSTATE AS WELL AS SIDE STREET.
 - CAT 5 ETHERNET CABLE RUNS SHALL NOT EXCEED 310 FT.
 - THE CONTRACTOR SHALL LOCATE EXISTING IDOT LIGHTING FACILITIES PRIOR TO COMMENCING WORK.

	USER NAME = trevor.hanson		DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED ITS IMPROVEMENTS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -		REVISION -	REVISION -		I-155 & IL 122 (MCMULLEN RD.) INTERCHANGE - TAZEWELL COUNTY			VAR.	D4 ELECTRICAL 2024	VARIOUS	16	10
	PLOT SCALE = 23,827.2' = 1" = 1/4"		CHECKED -	REVISION -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 68J27				
	PLOT DATE = 12/18/2024		DATE -	REVISION -					ILLINOIS FED. AID PROJECT				

NOT TO SCALE

MODEL: Default
FILE: \\nautilus\csc\peoria\Trevor.Hanson\OneDrive - State of Illinois - Dept. of Innovation & Technology\68J27 - ITS\68J27 ITS 12-6-24.dgn



NOTES:

1. A CELLULAR MODEM WILL BE FURNISHED AND INSTALLED IN THE EXISTING LIGHTING CONTROLLER CABINET BY IDOT AT A LATER DATE.
2. THE CONTRACTOR SHALL INSTALL THE PROPOSED CONDUIT INTO THE EXISTING CONCRETE OR METAL FOUNDATIONS AS NEEDED, THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE BID PRICE OF THE CONDUIT.
3. THE CONTRACTOR SHALL INSTALL THE PROPOSED CCTV CAMERA AT A MOUNTING HEIGHT OF 43 FT., ORIENTED TO OPTIMIZE THE VIEW OF TRAFFIC ON THE STATE ROUTE AS WELL AS SIDE STREET.
4. CAT 5 ETHERNET CABLE RUNS SHALL NOT EXCEED 310 FT.
5. THE CONTRACTOR SHALL LOCATE EXISTING IDOT LIGHTING FACILITIES PRIOR TO COMMENCING WORK.

LEGEND

- EXISTING LIGHTING CONTROLLER
- EXISTING LIGHT POLE
- EXISTING UNIT DUCT
- PROPOSED CCTV CAMERA
- PROPOSED JUNCTION BOX
- PROPOSED CONDUIT

NOT TO SCALE

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				PROPOSED ITS IMPROVEMENTS IL 29 & OLD GALENA RD. - PEORIA COUNTY				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
USER NAME = trevor.hanson				SCALE:				VAR.	D4 ELECTRICAL 2024	VARIOUS	16	12
DESIGNED -				SHEET OF SHEETS				CONTRACT NO. 68J27				
DRAWN -				STA. TO STA.				ILLINOIS FED. AID PROJECT				
PLOT SCALE = 23,8272' = 1" / in.												
CHECKED -												
PLOT DATE = 12/18/2024												
DATE -												
REVISED -												
REVISED -												
REVISED -												
REVISED -												