

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ITS SYSTEM 2021-1	PEORIA & TAZEWELL	7	1
		ILLINOIS	CONTRACT NO. 68G21	

INDEX OF SHEETS:  
SEE SHEET 2 FOR INDEX OF SHEETS

**PROPOSED  
HIGHWAY PLANS**

VARIOUS ROUTES  
SECTION D4 ITS SYSTEM 2021-1  
PEORIA & TAZEWELL COUNTIES

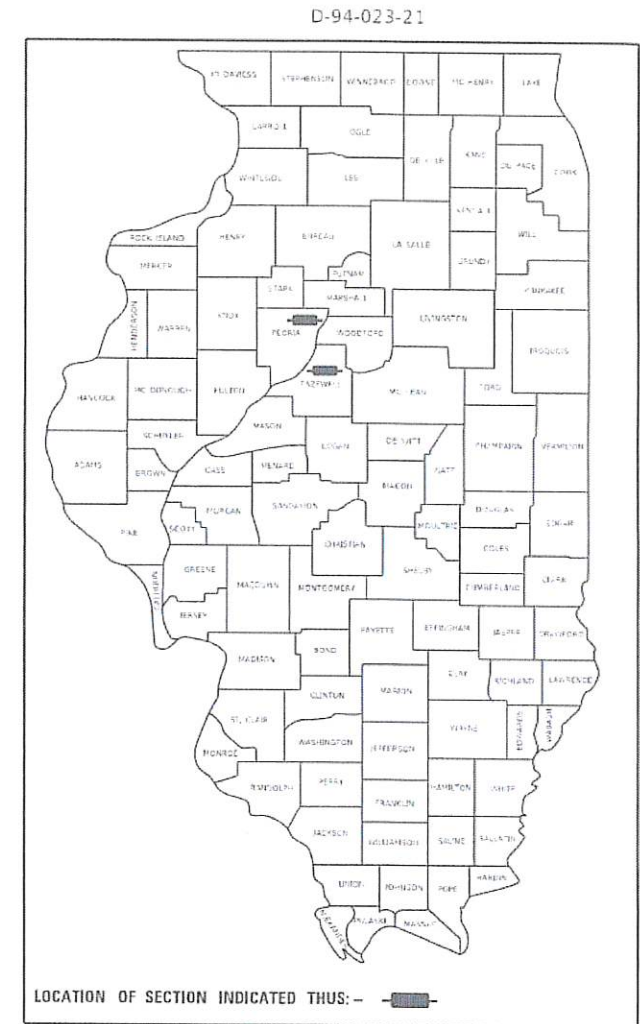
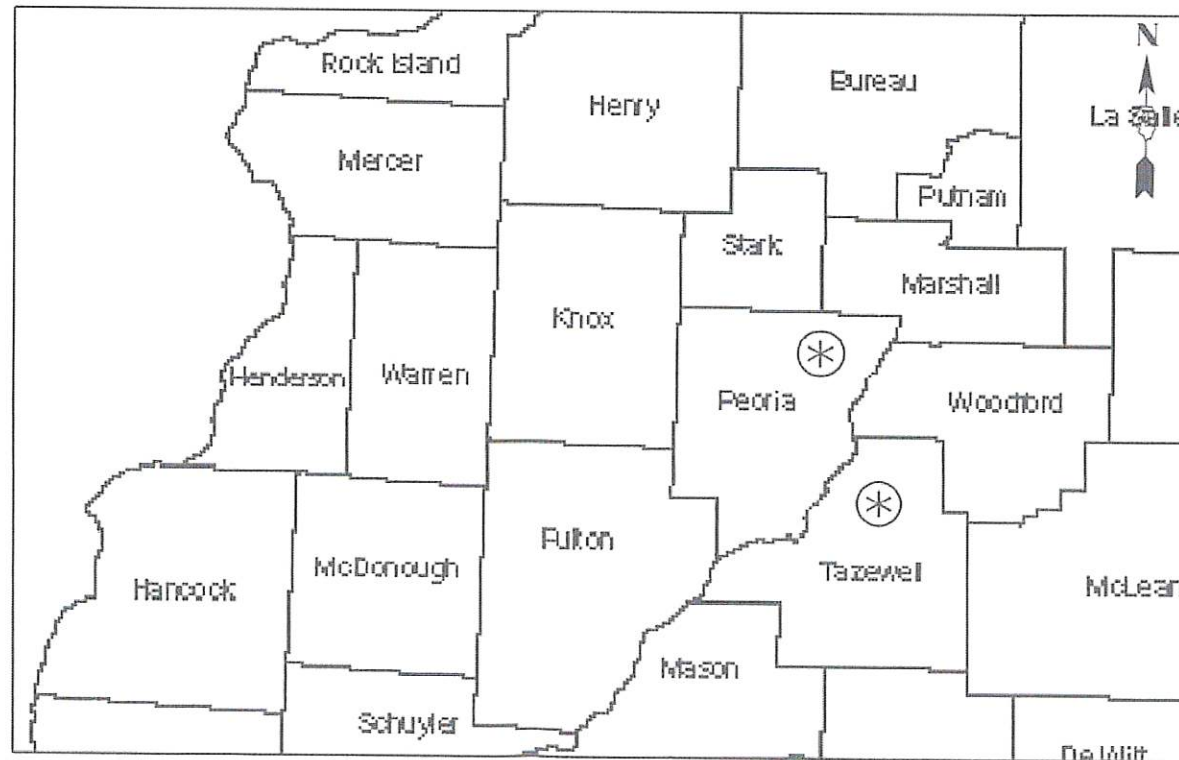
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HIGHWAY STANDARDS:  
SEE SHEET 2 FOR A LIST OF  
APPLICABLE HIGHWAY STANDARDS

PROJECT DESCRIPTION:  
INSTALLATION OF NEW TRAFFIC SIGNAL  
CABINETS, TRAFFIC SIGNAL CONTROLLERS,  
COMMUNICATIONS EQUIPMENT, AND VIDEO  
DETECTION SYSTEMS AT VARIOUS LOCATIONS  
IN DISTRICT FOUR.

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

PROJECT ENGINEER : ERIC HOWALD (309) 671-4481  
PROJECT MANAGER ; BEN TELLEFSON (309) 671-4477  
CATALOG NO. 036153-00D  
CONTRACT NO. 68G21



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED February 4 20 21

[Signature]  
REGIONAL ENGINEER

\_\_\_\_\_  
20 \_\_\_\_\_  
ENGINEER OF DESIGN AND ENVIRONMENT

\_\_\_\_\_  
20 \_\_\_\_\_  
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, AND HIGHWAY STANDARDS
3	CONSTRUCTION NOTES
4	SUMMARY OF QUANTITIES
5	SCHEDULE OF QUANTITIES (PEORIA COUNTY)
6	SCHEDULE OF QUANTITIES (TAZEWELL COUNTY)
7	PROPOSED TRAFFIC SIGNAL CONTROLLER PHASE DIAGRAMS AND INSTALLATION NOTES

HIGHWAY STANDARDS	
STANDARD	APPLICATION
000001-08	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-08	TRAFFIC CONTROL DEVICES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

COMMITMENTS, INDEX OF SHEETS, AND HIGHWAY STANDARDS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ITS SYSTEM 2021-1	PEORIA & TAZEWELL	7	2
CONTRACT NO. 68G21				
ILLINOIS FED. AID PROJECT				

**CONSTRUCTION NOTES**

1. EXISTING UTILITY LOCATION INFORMATION IS NOT SHOWN ON THE PLAN SHEETS. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF ALL UTILITIES AND PRIVATELY OWNED FACILITIES PRIOR TO THE INSTALLATION OF ANY COMPONENTS. THE CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS AND TERRAIN PRIOR TO COMMENCING WORK ON THE PROJECT.
2. THE LOCATION OF ALL UTILITIES AND PRIVATELY OWNED FACILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO THE INSTALLATION OF ANY COMPONENTS.
3. 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.
4. ELECTRICAL WORK SHALL CONFORM WITH NATIONAL, STATE, AND LOCAL CODES.
5. THE CONTRACTOR SHALL PROVIDE ELECTRICAL CABLE SLACK IN ACCORDANCE WITH ARTICLE 873.03.
6. ALL SURPLUS MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.
7. 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.
8. ANY MAINTENANCE OF EXISTING ELECTRICAL FACILITIES WILL BE CONSIDERED EXTRA WORK IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
9. ELECTRICAL CABLE WILL BE MEASURED FOR PAYMENT IN ACCORDANCE WITH ARTICLE 873.04.
10. VIDEO DETECTION CAMERAS SHALL BE INSTALLED AT A MINIMUM MOUNTING HEIGHT OF 45 FT AND A MAXIMUM MOUNTING HEIGHT OF 47 FT.
11. THE EXISTING VIDEO DETECTION SYSTEMS SHALL REMAIN IN OPERATION UNTIL THE PROPOSED SYSTEMS ARE INSTALLED AND OPERATIONAL.
12. THE CONTRACTOR SHALL REMOVE THE EXISTING VIDEO DETECTION CAMERAS AND CAMERA BRACKETS THAT ARE LOCATED ON THE SAME MAST ARM THAT THE PROPOSED VIDEO DETECTION CAMERA WILL BE INSTALLED ON AND DELIVER THEM TO THE CITY OF PEORIA MAINTENANCE FACILITY LOCATED AT 3505 N. DRIES LANE, PEORIA. THE CONTRACTOR SHALL NOTIFY IRV LEBLANC, PEORIA TRAFFIC LEAD ELECTRICIAN, AT (309) 303-7440 A MINIMUM OF FORTY EIGHT HOURS PRIOR TO DELIVERY. ALL OTHER CAMERAS WILL REMAIN IN PLACE. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF THE PROPOSED VIDEO DETECTION SYSTEMS.
13. THE DEPARTMENT WILL PROGRAM ALL VIDEO DETECTION SYSTEMS AFTER INSTALLATION.
14. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW CAT 5 ETHERNET CABLE TO THE PROPOSED VIDEO DETECTION CAMERAS. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF THE PROPOSED VIDEO DETECTION SYSTEM.
15. THE CONTRACTOR SHALL INSTALL THE PROPOSED VIDEO DETECTION CAMERA BRACKET ON THE STRAIN POLE OF THE MAST ARM AS SPECIFIED ON THE PLAN SHEETS. THE CAMERA BRACKET SHALL BE SECURED TO THE STAIN POLE AT TWO POINTS BY USING AN ALUMINUM BRACKET WITH STAINLESS STEEL BANDING. THE CONTRACTOR SHALL INSTALL SET SCREWS AND ADDITIONAL HARDWARE AS NEEDED TO ENSURE THAT THE CAMERA AND CAMERA BRACKET DOES NOT LOOSEN. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF THE PROPOSED VIDEO DETECTION SYSTEM.
16. THE CONTRACTOR SHALL FURNISH AND INSTALL ONE GRIDSMART GS-3 CAMERA AT THE THE INTERSECTION OF US 24 (WASHINGTON ST. & I-74 WB RAMP/EATON ST.) IN EAST PEORIA TO PROVIDE DETECTION FOR NB WASHINGTON ST. TRAFFIC. THE CAMERA SHALL BE INSTALLED ON THE LUMINAIRE MAST ARM FOR NB WASHINGTON ST.. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF THE PROPOSED VIDEO DETECTION SYSTEM.
17. REMOVAL OF EXISTING TRAFFIC SIGNAL COMPONENTS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT BID PRICES FOR THE PROPOSED ITEMS.
18. ALL CCTV CAMERAS SHALL BE INSTALLED AT A MINIMUM MOUNTING HEIGHT OF 43 FT.
19. THE DEPARTMENT WILL PROGRAM THE TRAFFIC SIGNAL CONTROLLERS PRIOR TO INSTALLATION IN THE FIELD.
20. THE TRAFFIC SIGNAL CONTROLLER AND CABINET SHALL BE ORIENTED SO THAT THE DOOR IS FACING AWAY FROM TRAFFIC.
21. THE CONTRACTOR SHALL REMOVE THE EXISTING TRAFFIC SIGNAL CABINET AND PERIPHERAL EQUIPMENT FROM THE LOCATIONS AS LISTED IN THE PLANS AND DELIVER THEM TO THE CITY OF PEORIA MAINTENANCE FACILITY LOCATED AT 3505 N. DRIES LANE, PEORIA. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF THE PROPOSED TRAFFIC SIGNAL CABINETS.
22. THE CONTRACTOR SHALL REMOVE THE EXISTING TRAFFIC SIGNAL CONTROLLERS AND DELIVER THEM TO THE IDOT TRAFFIC BUILDING LOCATED AT 1025 W. DETWEILLER DR., PEORIA. THE CONTRACTOR SHALL NOTIFY TONY BRIDSON, IDOT D4 TRAFFIC SIGNAL TECHNICIAN AT (309) 370-7522 A MINIMUM OF FORTY EIGHT HOURS PRIOR TO DELIVERY. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF THE PROPOSED TRAFFIC SIGNAL CONTROLLERS.
23. THE CONTRACTOR SHALL REMOVE EXISTING BATTERY BACKUP SYSTEM CABINETS AND COMPONENTS FROM EXISTING TRAFFIC SIGNAL CONTROLLER CABINETS AND INSTALL THEM IN THE PROPOSED CONTROLLER CABINETS AT EACH LOCATION. THIS WORK SHALL BE INCLUDED IN THE BID PRICE OF THE PROPOSED TRAFFIC SIGNAL CABINETS.
24. THE CONTRACTOR SHALL FURNISH AND INSTALL A MINIMUM OF TWO STOP SIGNS PER APPROACH WHEN THE INTERSECTION IS OPERATING IN ALL-RED FLASH MODE OR ALL-WAY STOP CONTROL FOR TIME PERIODS IN EXCESS OF FIFTEEN MINUTES. THE STOP SIGNS SHALL BE DISPLAYED IN ACCORDANCE WITH ALL APPLICABLE MUTCD REQUIREMENTS. ALL COSTS (LABOR, MATERIALS, AND EQUIPMENT) ASSOCIATED WITH THESE REQUIREMENTS SHALL BE INCLUDED IN THE CONTRACT BID PRICE FOR THE PROPOSED TRAFFIC SIGNAL CABINETS AND CONTROLLERS. THERE WILL BE NO ADDITIONAL COMPENSATION FOR THIS WORK.

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

CONSTRUCTION NOTES			
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ITS SYSTEM 2021-1	PEORIA & YAZEWELL	7	3
CONTRACT NO. 68G21			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

PAY ITEM	ITEM DESCRIPTION	UNIT	TOTAL QTY.	PEORIA COUNTY						TAZEWELL COUNTY							
				CONST. TYPE CODE	CONST. TYPE CODE	CONST. TYPE CODE	CONST. TYPE CODE	CONST. TYPE CODE	CONST. TYPE CODE	CONST. TYPE CODE	CONST. TYPE CODE	CONST. TYPE CODE	CONST. TYPE CODE	CONST. TYPE CODE			
				0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021			
				VARIOUS ROUTES	VARIOUS ROUTES	VARIOUS ROUTES	VARIOUS ROUTES	VARIOUS ROUTES	VARIOUS ROUTES	VARIOUS ROUTES	VARIOUS ROUTES	VARIOUS ROUTES	VARIOUS ROUTES	VARIOUS ROUTES			
				100% STATE	95% STATE	90% STATE	100% STATE	90% STATE	80% STATE	90% STATE	80% STATE	80% STATE	90% STATE	80% STATE			
				0% COUNTY	5% CITY	10% CITY	0% COUNTY	10% CITY	20% CITY	10% CITY	20% CITY	20% CITY	10% CITY	20% CITY			
				VARIOUS LOCATIONS	CITY OF PEORIA	CITY OF PEORIA	VARIOUS LOCATIONS	CITY OF EAST PEORIA	CITY OF EAST PEORIA	VILLAGE OF MORTON	VILLAGE OF MORTON	CITY OF PEKIN	CITY OF WASHINGTON	CITY OF WASHINGTON			
URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN							
67100100	MOBILIZATION	L SUM	1.0	0.4		0.4	0.2										
86300400	CONTROLLER CABINET TYPE IV	EACH	3.0	1.0		2.0											
X0320023	CLOSED CIRCUIT TELEVISION DOME CAMERA, HD	EACH	5.0	3.0			2.0										
X0323071	SPARE FULL ACTUATED CONTROLLER, SPECIAL	EACH	10.0	5.0			5.0										
X0327739	MISCELLANEOUS ELECTRICAL WORK	L SUM	1.0	0.5			0.5										
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1.0	0.4		0.4	0.2										
X8570215	FULL-ACTUATED CONTROLLER IN EXISTING CABINET	EACH	20.0	1.0			4.0	5.0	3.0	2.0	1.0	1.0	2.0	1.0			
X8710050	FIBER OPTIC ETHERNET DROP AND REPEAT SWITCH	EACH	60.0	24.0			22.0	5.0	3.0	2.0	1.0		2.0	1.0			
Z0033072	VIDEO VEHICLE DETECTION SYSTEM	EACH	12.0	8.0	2.0	2.0											

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ITS SYSTEM 2021-1	PEORIA & TAZEWELL	7	4
CONTRACT NO. 68G21				
ILLINOIS FED. AID PROJECT				

COUNTY	CITY	FUND CODE (IDOT %/CITY %)	LOCATION	VIDEO VEH DET SYS (EACH)	CONT CAB TYPE IV (EACH)	FAC IN EXIST CAB (EACH)	FO ETN DROP REPEAT SW (EACH) (MATERIAL ONLY)	CCTV DOME CAMERA HD (EACH)	NOTES
PEORIA	BARTONVILLE	100/0	US 24 (ADAMS ST.) & I-474 EB RAMP			1.0	1.0		IDOT TO PROGRAM CONTROLLER. CONTRACTOR TO DELIVER EXISTING CONTROLLER TO IDOT TRAFFIC BUILDING.
	BARTONVILLE	90/10	US 24 (MCKINLEY ST.) & ADAMS ST.				1.0		
	BARTONVILLE	90/10	US 24 (MCKINLEY ST.) & MCCLURE ST.				1.0		
	BARTONVILLE	90/10	US 24 (MCKINLEY ST.) & PFEIFFER RD.				1.0		
	CHILLICOTHE	100/0	IL 29 (FOURTH) & CLOVERDALE					1.0	INSTALL CCTV CAMERA ON EX. COMB. MAST ARM FOR NB IL 29 (APPROXIMATELY 210 FT. OF CAT5E CABLE)
	CHILLICOTHE	100/0	IL 29 (FOURTH) & WALNUT					1.0	INSTALL CCTV CAMERA ON EX. COMB. MAST ARM FOR NB IL 29 (APPROXIMATELY 172 FT. OF CAT5E CABLE)
	CHILLICOTHE	100/0	IL 29 (FOURTH) & TRUITT					1.0	INSTALL CCTV CAMERA ON EX. COMB. MAST ARM FOR SB IL 29 (APPROXIMATELY 116 FT. OF CAT5E CABLE)
	PEORIA	95/5	IL 8/29/116 (MACARTHUR HWY) & WASHINGTON ST.	1.0					INSTALL VIDEO DETECTION CAMERA ON MAST ARM FOR SB WASHINGTON ST. (APPROXIMATELY 129 FT. OF CAT5E CABLE)
	PEORIA	90/10	IL 29 (ADAMS ST.) & SPRING ST.		1.0				CONTRACTOR TO DELIVER EXISTING CONTROLLER CABINETS AND COMPONENTS TO CITY OF PEORIA DRIES LN. FACILITY
	PEORIA	90/10	IL 29 (JEFFERSON ST.) & SPRING ST.		1.0				CONTRACTOR TO DELIVER EXISTING CONTROLLER CABINETS AND COMPONENTS TO CITY OF PEORIA DRIES LN. FACILITY
	PEORIA	90/10	IL 40 (KUMPH BLVD.) & MONROE/GARRET	1.0					INSTALL VIDEO DETECTION CAMERA ON MAST ARM FOR NB IL 40 (KUMPH) (APPROXIMATELY 77 FT. OF CAT5E CABLE)
	PEORIA	90/10	US 150 (WAR MEMORIAL DR.) & PROSPECT	1.0					INSTALL VIDEO DETECTION CAMERA ON MAST ARM FOR NB PROSPECT (APPROXIMATELY 124 FT. OF CAT5E CABLE)
	PEORIA	100/0	GALE AVE. & I-74 EB RAMPS	1.0					INSTALL VIDEO DETECTION CAMERA ON MAST ARM FOR NB GALE AVE. (APPROXIMATELY 151 FT. OF CAT5E CABLE)
	PEORIA	100/0	GALE AVE. & I-74 WB RAMPS	1.0					INSTALL VIDEO DETECTION CAMERA ON MAST ARM FOR NB GALE AVE. (APPROXIMATELY 181 FT. OF CAT5E CABLE)
	PEORIA	100/0	SPALDING AVE. & GREENLEAF/I-74WB RAMP	1.0	1.0				CONTRACTOR TO DELIVER EXISTING CONTROLLER CABINETS AND COMPONENTS TO CITY OF PEORIA DRIES LN. FACILITY
	PEORIA	100/0	STERLING AVE. & I-74 EB RAMPS	1.0					INSTALL VIDEO DETECTION CAMERA ON MAST ARM FOR SB STERLING AVE. (APPROXIMATELY 165 FT. OF CAT5E CABLE)
	PEORIA	100/0	STERLING AVE. & I-74 WB RAMPS	1.0					INSTALL VIDEO DETECTION CAMERA ON MAST ARM FOR SB STERLING AVE. (APPROXIMATELY 81 FT. OF CAT5E CABLE)
	PEORIA	100/0	UNIVERSITY ST. & I-74 EB RAMPS	1.0					INSTALL VIDEO DETECTION CAMERA ON MAST ARM FOR SB UNIVERSITY ST. (APPROXIMATELY 138 FT. OF CAT5E CABLE)
	PEORIA	100/0	UNIVERSITY ST. & I-74 WB RAMPS	1.0					INSTALL VIDEO DETECTION CAMERA ON MAST ARM FOR NB UNIVERSITY ST. (APPROXIMATELY 130 FT. OF CAT5E CABLE)
	PEORIA	100/0	WASHINGTON ST. & I-74 EB RAMPS	1.0					INSTALL VIDEO DETECTION CAMERA ON MAST ARM FOR NB WASHINGTON ST. (APPROXIMATELY 117 FT. OF CAT5E CABLE)
PEORIA	95/5	WASHINGTON ST. & I-74 WB RAMPS	1.0					INSTALL VIDEO DETECTION CAMERA ON MAST ARM FOR NB WASHINGTON ST. (APPROXIMATELY 184 FT. OF CAT5E CABLE). FURNISH AND INSTALL STAND-ALONE VIDEO CAMERA FOR NB WASHINGTON LEFT TURN AND THROUGH LANES (COST INCLUDED IN COST OF PROPOSED VIDEO DETECTION SYSTEM).	
<b>TOTALS</b>				12.0	3.0	1.0	4.0	3.0	

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES (PEORIA COUNTY)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ITS SYSTEM 2021	PEORIA & TAZEWELL	7	5
CONTRACT NO. 68G21				
ILLINOIS FED. AID PROJECT				

COUNTY	CITY	FUND CODE (IDOT %/CITY %)	LOCATION	VIDEO VEH DET SYS (EACH)	CONT CAB TYPE IV (EACH)	FAC IN EXIST CAB (EACH)	FO ETN DROP REPEAT SW (EACH) (MATERIAL ONLY)	CCTV DOME CAMERA HD (EACH)	NOTES
TAZEWELL	EAST PEORIA	100/0	IL 116 (MAIN ST.) & I-74 EB RAMP			1.0	1.0		IDOT TO PROGRAM CONTROLLER. CONTRACTOR TO DELIVER EXISTING CONTROLLER TO IDOT TRAFFIC BUILDING.
	EAST PEORIA	100/0	IL 116 (MAIN ST.) & I-74 WB RAMP			1.0	1.0		IDOT TO PROGRAM CONTROLLER. CONTRACTOR TO DELIVER EXISTING CONTROLLER TO IDOT TRAFFIC BUILDING.
	EAST PEORIA	80/20	IL 116 (MAIN ST.) & GOLD ST.			1.0	1.0		IDOT TO PROGRAM CONTROLLER. CONTRACTOR TO DELIVER EXISTING CONTROLLER TO IDOT TRAFFIC BUILDING.
	EAST PEORIA	80/20	IL 116 (MAIN ST.) & BLACKJACK BLVD.			1.0	1.0		IDOT TO PROGRAM CONTROLLER. CONTRACTOR TO DELIVER EXISTING CONTROLLER TO IDOT TRAFFIC BUILDING.
	EAST PEORIA	90/10	IL 116 (MAIN ST.) & WASHINGTON ST.			1.0	1.0		IDOT TO PROGRAM CONTROLLER. CONTRACTOR TO DELIVER EXISTING CONTROLLER TO IDOT TRAFFIC BUILDING.
	EAST PEORIA	90/10	IL 116 (MAIN ST.) & SPRINGFIELD RD.			1.0	1.0		IDOT TO PROGRAM CONTROLLER. CONTRACTOR TO DELIVER EXISTING CONTROLLER TO IDOT TRAFFIC BUILDING.
	EAST PEORIA	80/20	WASHINGTON ST. & ANNA ST.			1.0	1.0		IDOT TO PROGRAM CONTROLLER. CONTRACTOR TO DELIVER EXISTING CONTROLLER TO IDOT TRAFFIC BUILDING.
	EAST PEORIA	90/10	IL 116 (MAIN ST.) & HIGHVIEW RD.			1.0	1.0	1.0	IDOT TO PROGRAM CONTROLLER. CONTRACTOR TO DELIVER EXISTING CONTROLLER TO IDOT TRAFFIC BUILDING. INSTALL CCTV CAMERA ON EX. COMB. MAST ARM FOR SB IL 116 (APPROXIMATELY 380 FT.). CONTRACTOR TO FURNISH AND INSTALL AXS T8129 POE EXTENDER IN NEAREST HANDHOLE LOCATED AT MIDPOINT OF CABLE RUN (COST INCLUDED IN COST OF CAMERA).
	EAST PEORIA	90/10	IL 116 (MAIN ST.) & MARINERS WAY/ACCESS RD. 6			1.0	1.0		IDOT TO PROGRAM CONTROLLER. CONTRACTOR TO DELIVER EXISTING CONTROLLER TO IDOT TRAFFIC BUILDING.
	EAST PEORIA	90/10	US 24 & COLLEGE DR./VILLAGE DR.			1.0	1.0		IDOT TO PROGRAM CONTROLLER. CONTRACTOR TO DELIVER EXISTING CONTROLLER TO IDOT TRAFFIC BUILDING.
	MORTON	90/10	US 150 (JACKSON ST.) & DETROIT AVE.			1.0	1.0		IDOT TO PROGRAM CONTROLLER. CONTRACTOR TO DELIVER EXISTING CONTROLLER TO IDOT TRAFFIC BUILDING.
	MORTON	90/10	US 150 (JACKSON ST.) & VETERANS			1.0	1.0	1.0	IDOT TO PROGRAM CONTROLLER. CONTRACTOR TO DELIVER EXISTING CONTROLLER TO IDOT TRAFFIC BUILDING. INSTALL CCTV CAMERA ON EX. COMB. MAST ARM FOR EB US 150 (JACKSON) (APPROXIMATELY 80 FT.).
	MORTON	80/20	JEFFERSON ST. & DETROIT AVE.			1.0	1.0		IDOT TO PROGRAM CONTROLLER. CONTRACTOR TO DELIVER EXISTING CONTROLLER TO IDOT TRAFFIC BUILDING.
	NORTH PEKIN	93.3/6.7	IL 98 (EDGEWATER DR.) & N. MAIN ST.			1.0	1.0		IDOT TO PROGRAM CONTROLLER. CONTRACTOR TO DELIVER EXISTING CONTROLLER TO IDOT TRAFFIC BUILDING.
	PEKIN	80/20	COURT ST. & FOURTEENTH ST.			1.0			IDOT TO PROGRAM CONTROLLER. CONTRACTOR TO DELIVER EXISTING CONTROLLER TO IDOT TRAFFIC BUILDING.
	PEKIN	100/0	IL 98 (EDGEWATER DR.) & PARKWAY DR.			1.0	1.0		IDOT TO PROGRAM CONTROLLER. CONTRACTOR TO DELIVER EXISTING CONTROLLER TO IDOT TRAFFIC BUILDING.
	WASHINGTON	90/10	IL 8 (WASHINGTON ST.) & SUMMIT DR./CENTENNIAL DR.			1.0	1.0		IDOT TO PROGRAM CONTROLLER. CONTRACTOR TO DELIVER EXISTING CONTROLLER TO IDOT TRAFFIC BUILDING.
	WASHINGTON	90/10	IL 8 (WASHINGTON ST.) & SCHOOL ST.			1.0	1.0		IDOT TO PROGRAM CONTROLLER. CONTRACTOR TO DELIVER EXISTING CONTROLLER TO IDOT TRAFFIC BUILDING.
	WASHINGTON	80/20	IL 8 (MCCLUGAGE RD.) & FREEDOM PKWY/CENTENNIAL DR.			1.0	1.0		IDOT TO PROGRAM CONTROLLER. CONTRACTOR TO DELIVER EXISTING CONTROLLER TO IDOT TRAFFIC BUILDING.
<b>TOTALS</b>						19.0	18.0	2.0	

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES (TAZEWELL COUNTY)

SCALE: SHEET OF SHEETS STA. TO STA.

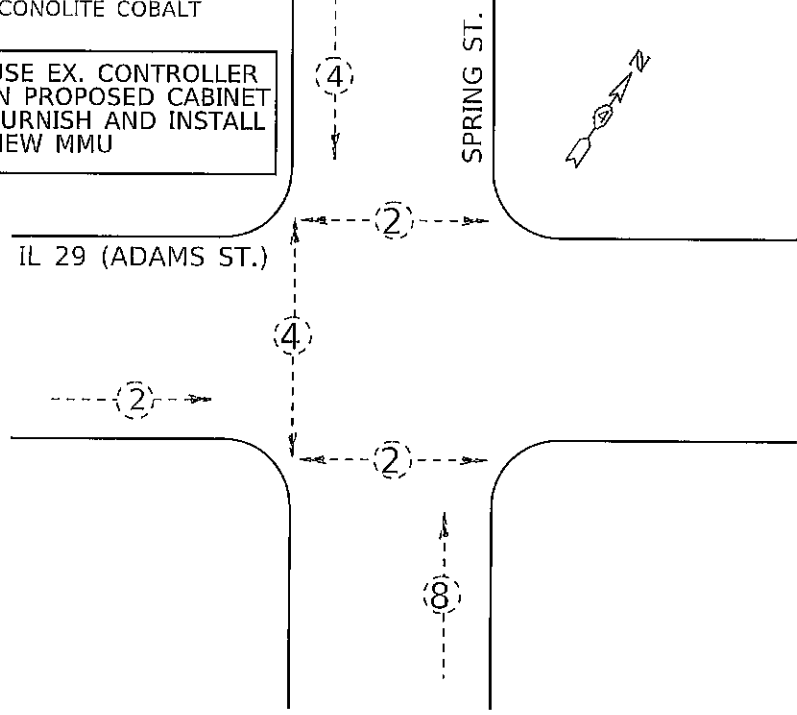
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ITS SYSTEM, 2021-1	PEORIA & TAZEWELL	7	6
CONTRACT NO. 68G21				
ILLINOIS FED. AID PROJECT				



IL 29 (ADAMS ST.) & SPRING ST. - PEORIA

EXISTING CONTROLLER  
ECONOLITE COBALT

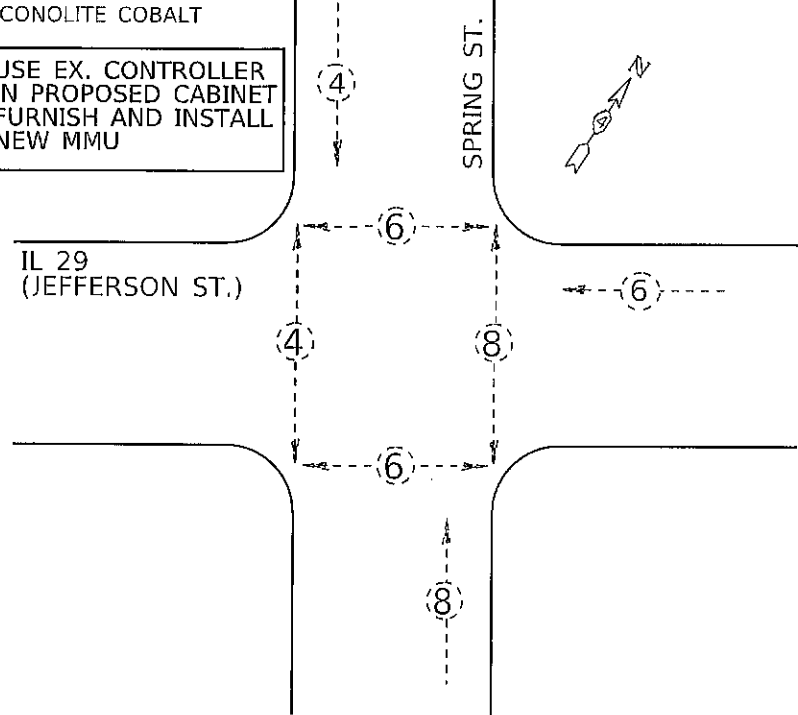
USE EX. CONTROLLER  
IN PROPOSED CABINET  
FURNISH AND INSTALL  
NEW MMU



IL 29 (JEFFERSON ST.) & SPRING ST. - PEORIA

EXISTING CONTROLLER  
ECONOLITE COBALT

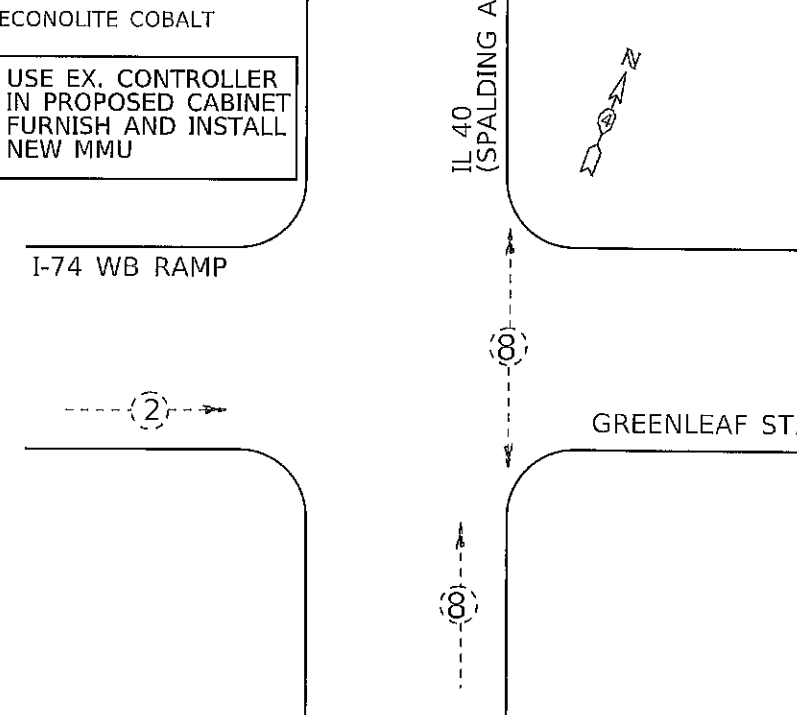
USE EX. CONTROLLER  
IN PROPOSED CABINET  
FURNISH AND INSTALL  
NEW MMU



IL 40 (SPALDING AVE.) & I-74 WB RAMPS/ GREENLEAF ST. - PEORIA

EXISTING CONTROLLER  
ECONOLITE COBALT

USE EX. CONTROLLER  
IN PROPOSED CABINET  
FURNISH AND INSTALL  
NEW MMU



THE CONTRACTOR SHALL FURNISH AND INSTALL A MALFUNCTION MANAGEMENT UNIT (RENO 1600MM2) WITH EACH CONTROLLER CABINET. THE COST OF THE MALFUNCTION MANAGEMENT UNIT SHALL BE INCLUDED IN THE COST OF THE PROPOSED TRAFFIC SIGNAL CABINET.

**LEGEND**  
 - - - - - EX. VEHICULAR MOVEMENT  
 - - - - - EX. PEDESTRIAN MOVEMENT  
 ( ) NUMBER REFERS TO ASSOCIATED PHASE

**TRAFFIC SIGNAL CONTROLLER/ CABINET 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 CONTROLLERS, CABINETS, 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 SIGNAL 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 CONTRACT BID PRICE FOR THE SIGNAL CONTROLLER OR SIGNAL CONTROLLER AND CABINET. THERE WILL BE NO ADDITIONAL COMPENSATION FOR ITEMS REQUIRED TO IMPLEMENT STAGING, INCLUDING BUT NOT LIMITED TO TEMPORARY TRAFFIC POSTS, AND PREMIUM TIME HOURS.
5. THE CONTRACTOR SHALL VERIFY THE EXISTING CONTROLLER CABINET PHASING, OVERLAPS, AND PREEMPTION (IF APPLICABLE) PRIOR TO RELEASING THE CONTROLLER CABINET.

NOT TO SCALE

MODEL: Default  
FILE NAME: C:\common\GENT\transfer - bureau\18621 - Final Plans\18621 - Final 02-09-21.dgn

USER NAME = howalder	DESIGNED -	REVISED -
PLOT SCALE = 1/65,0762" / in.	DRAWN -	REVISED -
PLOT DATE = 2/5/2024	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED TRAFFIC SIGNAL CONTROLLER PHASE DIAGRAMS  
AND INSTALLATION NOTES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ITS SYSTEM 2021-1	PEORIA & TAZEWELL	7	7
CONTRACT NO. 68G21			ILLINOIS FED. AID PROJECT	