

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

09-19-2025 LETTING ITEM 088

F.A.P. VAR	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
D4 TRAFFIC SIGNALS 2025	VARIOUS	ILLINOIS	16	1
CONTRACT NO. 68K26				

INDEX OF SHEETS:

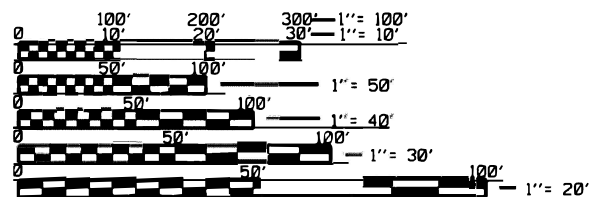
SEE SHEET 2 FOR INDEX OF SHEETS

HIGHWAY STANDARDS:

SEE SHEET 2 FOR A LIST OF  
APPLICABLE HIGHWAY STANDARDS

PROJECT DESCRIPTION:

REMOVAL AND REPLACEMENT OF  
VIDEO DETECTION SYSTEMS, AND  
INSTALLATION OF CCTV CAMERAS  
ALONG VARIOUS ROUTES IN  
VARIOUS COUNTIES

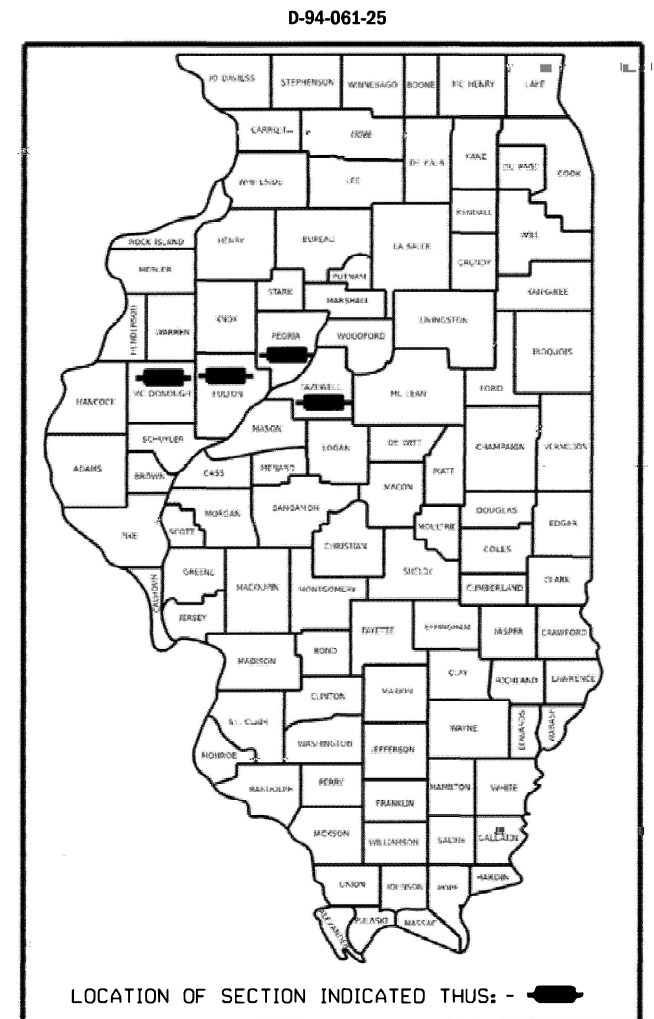
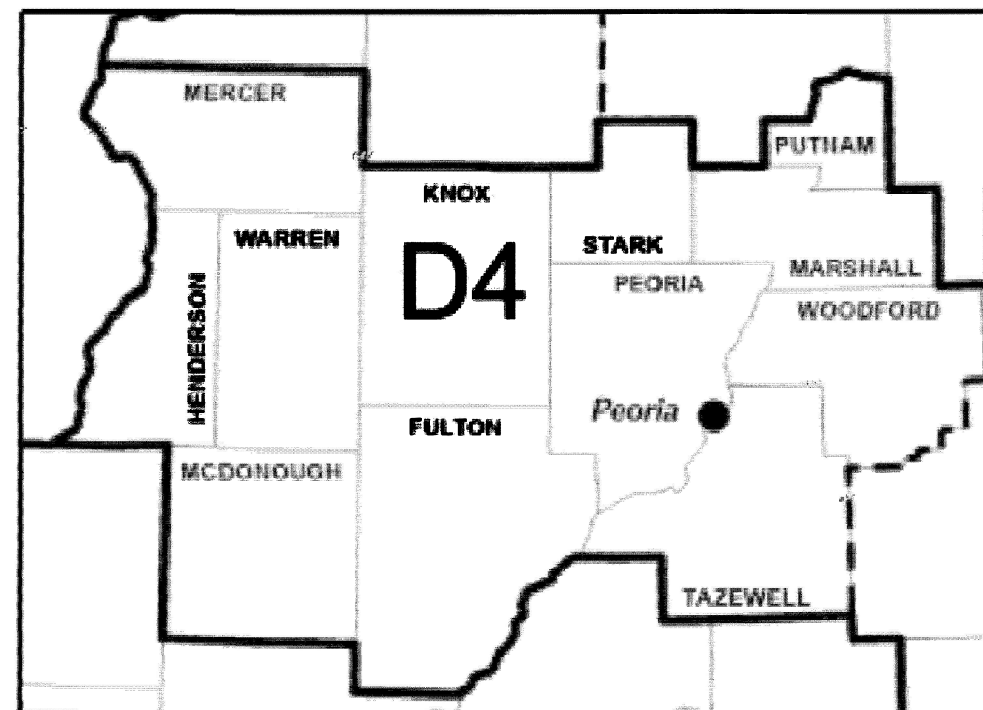


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD  
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT  
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS  
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: ERIC HOWALD (309) 671-4481  
PROJECT MANAGER: BEN TELLEFSON (309) 671-4477  
CATALOG NO. 036664-000  
CONTRACT NO. 68K26

VARIOUS ROUTES  
SECTION: D4 TRAFFIC SIGNALS 2025  
VARIOUS COUNTIES  
PROJECT: CAR-6014(407)  
C-94-075-25



LOCATION OF SECTION INDICATED THUS: -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED May 16 2025  
Ben Tellefson REGIONAL ENGINEER  
June 27 20 25  
Eric Howald ENGINEER OF DESIGN AND ENVIRONMENT  
June 27 20 25  
Ben Tellefson DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

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INDEX OF SHEETS	
SHEET	DESCRIPTION
1	COVER SHEET
2	COMMITMENTS, INDEX OF SHEETS, HIGHWAY STANDARDS
3	CONSTRUCTION NOTES
4	SUMMARY OF QUANTITIES
5	SCHEDULE OF QUANTITIES
6	PROPOSED VIDEO DETECTION - SPALDING & GREENLEAF/I-74 RAMP (PEORIA), US 67 (LAFAYETTE ST.) & US 136 (CALHOUN ST.) (MACOMB)
7	PROPOSED VIDEO DETECTION - STERLING AVE. & I-74 EB RAMPS (PEORIA), STERLING AVE. & I-74 WB RAMPS (PEORIA)
8	PROPOSED VIDEO DETECTION - UNIVERSITY ST. & I-74 EB RAMPS (PEORIA), UNIVERSITY ST. & I-74 EB RAMPS (PEORIA)
9	PROPOSED VIDEO DETECTION - GALE AVE. & I-74 EB RAMPS (PEORIA), GALE AVE. & I-74 WB RAMPS (PEORIA)
10	PROPOSED VIDEO DETECTION -US 150 (WAR MEMORIAL DR.) & IL 6 NB RAMPS (PEORIA), US 150 (WAR MEMORIAL DR.) & IL 6 SB RAMPS (PEORIA)
11	PROPOSED VIDEO DETECTION - US 24 (ADAMS ST.) & I-474 SB RAMP (BARTONVILLE)
12	PROPOSED CCTV CAMERAS - US 136 (CALHOUN ST.) & CAMPBELL ST. (MACOMB), US 150 (WAR MEMORIAL DR.) & ORANGE PRAIRIE RD. (PEORIA)
13	PROPOSED CCTV CAMERAS -IL 78 (MAIN ST.) & VINE ST. (CANTON), IL 78 (MAIN ST.) & SYCAMORE TERRACE (CANTON)
14	BATTERY BACKUP SYSTEM CABINET DETAIL
15	BATTERY BACKUP SYSTEM CABINET WIRING DIAGRAM
16	BATTERY BACKUP SYSTEM BLOCK AND BYPASS SWITCH DIAGRAMS

HIGHWAY STANDARDS	
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH & 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
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER, OR CROSSWALK
701901-10	CLOSURE TRAFFIC CONTROL DEVICES
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS >/= 45 MPH
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701602-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE

NO COMMITMENTS HAVE BEEN MADE IN CONJUNCTION WITH THIS PROJECT.

	USER NAME =	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMMITMENTS, INDEX OF SHEETS, AND HIGHWAY STANDARDS	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			VAR	D4 TRAFFIC SIGNALS 2025	VARIOUS	16	2
		CHECKED -	REVISED -			CONTRACT NO. 68K26				
	PLOT DATE = 1/7/2025	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
	SCALE: SHEET OF SHEETS STA. TO STA.									

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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. THE CONTRACTOR SHALL NOTIFY TONY BRIDSON, IDOT DISTRICT 4 TRAFFIC SIGNAL TECHNICIAN AT (309) 370-7522 A MINIMUM OF 48 HOURS PRIOR TO CAMERA AIMING. THE CONTRACTOR SHALL ADJUST AND AIM THE PROPOSED CAMERAS WHILE THE IDOT REPRESENTATIVE IS ON-SITE OR MONITORING REMOTELY. THE CONTRACTOR SHALL HAVE ALL OF THE CAMERAS INSTALLED AND FUNCTIONAL AT A SITE BEFORE NOTIFYING IDOT TO ARRANGE FINAL AIMING. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF THE PROPOSED VIDEO DETECTION SYSTEMS.												
11. THE DEPARTMENT WILL PROGRAM ALL CAMERAS AND VIDEO DETECTION SYSTEMS AFTER INSTALLATION.												
12. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW CAT 5 ETHERNET CABLE TO THE PROPOSED CCTV CAMERAS. THE COST OF THIS WORK SHALL BE PAID FOR SEPARATELY AS "CAT 5 ETHERNET CABLE".												
13. THE CONTRACTOR SHALL INSTALL THE PROPOSED CCTV CAMERA BRACKETS ON THE MAST ARTM STRAIN POLES AT THE LOCATIONS SHOWN ON THE PLAN SHEETS. THE CAMERA BRACKET SHALL BE SECURED TO THE STAIN POLE 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 CCTV CAMERA.												
14. VIDEO DETECTION CAMERAS SHALL BE INSTALLED ON 5 FT. EXTENSION BRACKETS OR ON EXISTING LUMINAIRE ARMS AS SHOWN ON THE PLANS. VIDEO DETECTION CAMERAS INSTALLED ON 5 FT. BRACKETS SHALL BE INSTALL AT THE CENTER OF EACH APPROACH TO MINIMIZE LEFT TURN OCCLUSION.												
15. THE CONTRACTOR SHALL REMOVE ALL EXISTING VIDEO DETECTION EQUIPMENT AS SHOWN ON THE PLAN SHEETS. <del>ALL EQUIPMENT SHALL BE DELIVERED TO THE IDOT TRAFFIC BUILDING LOCATED AT 1025 W. DETWEILLER DR., PEORIA. THE CONTRACTOR SHALL NOTIFY TONY BRIDSON, IDOT DISTRICT 4 TRAFFIC SIGNAL TECHNICIAN AT (309) 370-7522 A MINIMUM OF FORTY-EIGHT HOURS PRIOR TO EQUIPMENT DELIVERY.</del> THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF THE PROPOSED VIDEO DETECTION SYSTEMS.												
16. THE CONTRACTOR SHALL REMOVE ALL EXISTING BATTERY BACKUP EQUIPMENT AS SHOWN ON THE PLAN SHEETS. <del>ALL EQUIPMENT SHALL BE DELIVERED TO THE IDOT TRAFFIC BUILDING LOCATED AT 1025 W. DETWEILLER DR., PEORIA. THE CONTRACTOR SHALL NOTIFY TONY BRIDSON, IDOT DISTRICT 4 TRAFFIC SIGNAL TECHNICIAN AT (309) 370-7522 A MINIMUM OF FORTY-EIGHT HOURS PRIOR TO EQUIPMENT DELIVERY.</del> THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF THE PROPOSED BATTERY BACKUP SYSTEMS.												
17. THE CONTRACTOR SHALL DELIVER ALL EXISTING GRIDSMART VIDEO DETECTION CAMERAS AND PROCESSORS AND ALL EXISTING ALPHA BBS UPS INVERTORS AND ALPHA REMOTE BATTERY MANAGEMENT UNITS TO THE IDOT TRAFFIC BUILDING LOCATED AT 1025 W. DETWEILLER DR., PEORIA. THE CONTRACTOR SHALL NOTIFY TONY BRIDSON, IDOT DISTRICT 4 TRAFFIC SIGNAL TECHNICIAN AT (309) 370-7522 A MINIMUM OF FORTY-EIGHT HOURS PRIOR TO EQUIPMENT DELIVERY. THECONTRACTOR SHALL RECYCLE THE EXISTING UPS BATTERIES AND DISPOSE OF ALL REMAINING ITEMS OFF OF THE RIGHT OF WAY. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF THE PROPOSED BATTERY BACKUP SYSTEMS AND VIDEO DETECTION SYSTEMS.												
USER NAME =		DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		CONSTRUCTION NOTES		F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					VAR	D4 TRAFFIC SIGNALS 2025	VARIOUS	16	3
		CHECKED -	REVISED -					CONTRACT NO. 68K26				
PLOT DATE = 1/7/2025		DATE -	REVISED -					ILLINOIS   FED. AID PROJECT				
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SUMMARY OF QUANTITIES															
PAY ITEM CODE	ITEM DESCRIPTION	UNIT	TOTAL QTY.	FULTON COUNTY	MCDONOUGH COUNTY	PEORIA COUNTY					TAZEWELL COUNTY				
				CONST. TYPE CODE 0021	CONST. TYPE CODE 0021	CONST. TYPE CODE 0021	CONST. TYPE CODE 0021	CONST. TYPE CODE 0021	CONST. TYPE CODE 0021	CONST. TYPE CODE 0021	CONST. TYPE CODE 0021	CONST. TYPE CODE 0021	CONST. TYPE CODE 0021	CONST. TYPE CODE 0021	CONST. TYPE CODE 0021
				VARIOUS ROUTES 80% FEDERAL 20% STATE URBAN	VARIOUS ROUTES 80% FEDERAL 20% STATE URBAN	VARIOUS ROUTES 80% FEDERAL 20% STATE URBAN	VARIOUS ROUTES 80% FEDERAL 13.3% STATE 6.7% CHILLICOTHE URBAN	VARIOUS ROUTES 80% FEDERAL 10% STATE 10% CHILLICOTHE URBAN	VARIOUS ROUTES 80% FEDERAL 13.3% STATE 6.7% PEORIA URBAN	VARIOUS ROUTES 80% FEDERAL 10% STATE 10% PEORIA URBAN	VARIOUS ROUTES 80% FEDERAL 20% STATE URBAN	VARIOUS ROUTES 80% FEDERAL 10% STATE 10% CREVE COEUR URBAN	VARIOUS ROUTES 80% FEDERAL 10% STATE 10% EAST PEORIA URBAN	VARIOUS ROUTES 80% FEDERAL 0% STATE 20% EAST PEORIA URBAN	VARIOUS ROUTES 80% FEDERAL 10% STATE 10% MORTON URBAN
				CAR FLEX	CAR FLEX	CAR >200,000	CAR >200,000	CAR >200,000	CAR >200,000	CAR >200,000	CAR >200,000	CAR >200,000	CAR >200,000	CAR >200,000	CAR >200,000
67100100	MOBILIZATION	L SUM	1.0	0.04	0.04	0.45	<del>0.02</del>	<del>0.03</del>	0.02	0.26	0.09	0.03	0.03	0.02	0.02
X0320023	CLOSED CIRCUIT TELEVISION DOME CAMERA, HD	EACH	4.0	2.0	1.0	1.0									
X0326812	CAT 5 ETHERNET CABLE	FOOT	724.0	379.0	198.5	146.5									
X0327206	DATA SERVER	L SUM	1.0			1.0									
X7010216	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1.0	0.04	0.04	0.45	<del>0.02</del>	<del>0.03</del>	0.02	0.26	0.09	0.03	0.03	0.02	0.02
X8891009	VIDEO VEHICLE DETECTION SYSTEM, SINGLE APPROACH	EACH	2.0		1.0	1.0									
X8891011	VIDEO VEHICLE DETECTION SYSTEM, 3 CAMERA	EACH	9.0			9.0									
Z0033068	TRAFFIC SIGNAL BATTERY BACKUP SYSTEM	EACH	34.0	1.0		10.0	<del>1.0</del>	<del>2.0</del>	1.0	12.0	4.0	2.0	2.0	1.0	1.0



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Z0033068 TRAFFIC SIGNAL BATTERY BACKUP SYSTEM				
COUNTY	CITY	LOCATION	MAINT % STATE/CITY	QTY.
<del>PEORIA</del>	<del>CHILLICOTHE</del>	<del>IL 29 (FOURTH ST.) &amp; CLOVERDALE RD.</del>	<del>90/10</del>	<del>1.0</del>
<del>PEORIA</del>	<del>CHILLICOTHE</del>	<del>IL 29 (FOURTH ST.) &amp; WALNUT ST.</del>	<del>90/10</del>	<del>1.0</del>
<del>PEORIA</del>	<del>CHILLICOTHE</del>	<del>IL 29 (FOURTH ST.) &amp; TRUITT RD.</del>	<del>93.3/6.7</del>	<del>1.0</del>
PEORIA	PEORIA	US 150 (WAR MEMORIAL DR.) & ALLEN RD./CHARTER OAK RD.	100/0	1.0
PEORIA	PEORIA	US 150 (WAR MEMORIAL DR.) & BIG HOLLOW RD./WILLOW KNOLLS RD.	90/10	1.0
PEORIA	PEORIA	US 150 (WAR MEMORIAL DR.) & IL 6 NB RAMPS	100/0	1.0
<del>PEORIA</del>	<del>PEORIA</del>	<del>US 150 (WAR MEMORIAL DR.) &amp; IL 91/COMMERCE ADE CIRCLE</del>	<del>100/0</del>	<del>1.0</del>
PEORIA	PEORIA	US 150 (WAR MEMORIAL DR.) & KOERNER RD./TRIGGER RD.	100/0	1.0
PEORIA	PEORIA	US 150 (WAR MEMORIAL DR.) & PROSPECT RD.	90/10	1.0
PEORIA	PEORIA	US 150 (WAR MEMORIAL DR.) & SHERIDAN RD.	90/10	1.0
PEORIA	PEORIA	US 150 (WAR MEMORIAL DR.) & UNIVERSITY ST.	100/0	1.0
PEORIA	PEORIA	IL 40 (KNOXVILLE AVE.) & ALTA RD./FRONTAGE RD.	90/10	1.0
PEORIA	PEORIA	IL 40 (KNOXVILLE AVE.) & CEDAR HILLS RD.	100/0	1.0
PEORIA	PEORIA	IL 40 (KNOXVILLE AVE.) & DETWEILLER DR.	90/10	1.0
PEORIA	PEORIA	IL 40 (KNOXVILLE AVE.) & DONOVAN RD./JUNCTION CITY	90/10	1.0
PEORIA	PEORIA	IL 40 (KNOXVILLE AVE.) & FORREST HILL RD.	90/10	1.0
PEORIA	PEORIA	IL 40 (KNOXVILLE AVE.) & GLEN AVE.	90/10	1.0
PEORIA	PEORIA	IL 40 (KNOXVILLE AVE.) & IL 6 NB RAMPS	100/0	1.0
PEORIA	PEORIA	IL 40 (KNOXVILLE AVE.) & LAKE ST.	90/10	1.0
PEORIA	PEORIA	IL 40 (KNOXVILLE AVE.) & MOSSVILLE RD./WILHELM RD.	90/10	1.0
PEORIA	PEORIA	IL 40 (KNOXVILLE AVE.) & PIONEER PKWY.	93.3/6.7	1.0
PEORIA	PEORIA	IL 40 (KNOXVILLE AVE.) & PROSPECT RD.	90/10	1.0
PEORIA	PEORIA	IL 40 (KNOXVILLE AVE.) & SHERIDAN RD./GILES LN.	90/10	1.0
PEORIA	PEORIA	IL 40 (KNOXVILLE AVE.) & SPALDING AVE./GLEN OAK AVE.	100/0	1.0
TAZEWELL	CREVE COEUR	IL 29 (MAIN ST.) & FISCHER RD./LOCKVIEW RD.	90/10	1.0
TAZEWELL	CREVE COEUR	IL 29 (MAIN ST.) & HIGHLAND ST./RUSCHE ST.	90/10	1.0
TAZEWELL	EAST PEORIA	IL 116 (MAIN ST.) & BLACKJACK BLVD.	80/20	1.0
TAZEWELL	EAST PEORIA	IL 116 (MAIN ST.) & HIGHVIEW RD./ACCESS RD. 4	90/10	1.0
TAZEWELL	EAST PEORIA	IL 116 (MAIN ST.) & MARINERS WAY/ACCESS RD. 6	90/10	1.0
TAZEWELL	MORTON	N. MORTON AVE. & I-74 EB RAMPS	100/0	1.0
TAZEWELL	MORTON	US 150 (JACKSON ST.) & N. MORTON AVE.	100/0	1.0
TAZEWELL	MORTON	US 150 (JACKSON ST.) & DETROIT AVE./COMMERICAL ENTRANCE	90/10	1.0
TAZEWELL	NORTH PEKIN	IL 29 (MAIN ST.) & IL 98 (EDGEWATER DR.)	100/0	1.0
TAZEWELL	NORTH PEKIN	IL 98 (EDGEWATER DR.) & PARKWAY DR.	100/0	1.0
TOTAL				30.0

FULTON	CANTON	IL 9 (LOCUST) & IL 78 (MAIN)	100/0	1.0
PEORIA	BARTONVILLE	US 24 & I-474 EB RAMPS	100/0	1.0
PEORIA	PEORIA	IL 40 (KNOXVILLE) & CEDAR HILLS	100/0	1.0
PEORIA	PEORIA	US 150 (WAR MEMORIAL) & KOERNER/TRIGGER	100/0	1.0
TOTAL				4.0

X8891009 VIDEO VEHICLE DETECTION SYSTEM, SINGLE APPROACH				
COUNTY	CITY	LOCATION	MAINT % STATE/CITY	QTY.
MCDONOUGH	MACOMB	US 67 (LAFAYETTE ST.) & US 136 (CALHOUN ST.)	100/0	1.0
PEORIA	PEORIA	UNMARKED (SPALDING AVE.) & I-74 WB RAMPS/GREENLEAF ST.	100/0	1.0
TOTAL				2.0

X8891011 VIDEO VEHICLE DETECTION SYSTEM, 3 CAMERA				
COUNTY	CITY	LOCATION	MAINT % STATE/CITY	QTY.
PEORIA	BARTONVILLE	US 24 (ADAMS ST.) & I-474 EB RAMPS	100/0	1.0
PEORIA	PEORIA	GALE AVE. & I-74 EB RAMPS	100/0	1.0
PEORIA	PEORIA	GALE AVE. & I-74 WB RAMPS	100/0	1.0
PEORIA	PEORIA	STERLING AVE. & I-74 EB RAMPS	100/0	1.0
PEORIA	PEORIA	STERLING AVE. & I-74 WB RAMPS	100/0	1.0
PEORIA	PEORIA	UNIVERSITY ST. & I-74 EB RAMPS	100/0	1.0
PEORIA	PEORIA	UNIVERSITY ST. & I-74 WB RAMPS	100/0	1.0
PEORIA	PEORIA	IL 40 (KNOXVILLE AVE.) & IL 6 NB RAMPS	100/0	1.0
PEORIA	PEORIA	IL 40 (KNOXVILLE AVE.) & IL 6 SB RAMPS	100/0	1.0
TOTAL				9.0

X0320023 CLOSED CIRCUIT TELEVISION DOME CAMERA, HD				
COUNTY	CITY	LOCATION	MAINT % STATE/CITY	QTY.
FULTON	CANTON	IL 78 (MAIN ST.) & SYCAMORE TERRACE	100/0	1.0
FULTON	CANTON	IL 78 (MAIN ST.) & VINE ST.	100/0	1.0
MCDONOUGH	MACOMB	US 136 (CALHOUN ST.) & CAMPBELL ST.	100/0	1.0
PEORIA	PEORIA	US 150 (WAR MEMORIAL DR.) & ORANGE PRAIRIE RD.	100/0	1.0
TOTAL				4.0

X0326812 CAT 5 ETHERNET CABLE				
COUNTY	CITY	LOCATION	MAINT % STATE/CITY	QTY.
FULTON	CANTON	IL 78 (MAIN ST.) & SYCAMORE TERRACE	100/0	163.5
FULTON	CANTON	IL 78 (MAIN ST.) & VINE ST.	100/0	215.5
MCDONOUGH	MACOMB	US 136 (CALHOUN ST.) & CAMPBELL ST.	100/0	198.5
PEORIA	PEORIA	US 150 (WAR MEMORIAL DR.) & ORANGE PRAIRIE RD.	100/0	146.5
TOTAL				724.0

	USER NAME   =_____	DESIGNED   -_____	REVISED   -_____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN   -_____	REVISED   -_____						VAR	D4 TRAFFIC SIGNALS 2025	VARIOUS	16	5
		CHECKED   -_____	REVISED   -_____		CONTRACT NO. 68K26								
	PLOT DATE   = 1/7/2025	DATE   -_____	REVISED   -_____		ILLINOIS   FED. AID PROJECT								
	SCALE: _____		SHEET _____ OF _____ SHEETS							STA. _____ TO STA. _____			



REMOVE EX. ITERIS CAMERAS (QTY. 3) AND DISPOSE OFFSITE.

REMOVE EX. GRIDSMART CAMERA AND BRACKET AND DELIVER TO  
IDOT TRAFFIC BUILDING



REMOVE EX. ITERIS CAMERA (QTY. 1) AND DISPOSE OFFSITE.

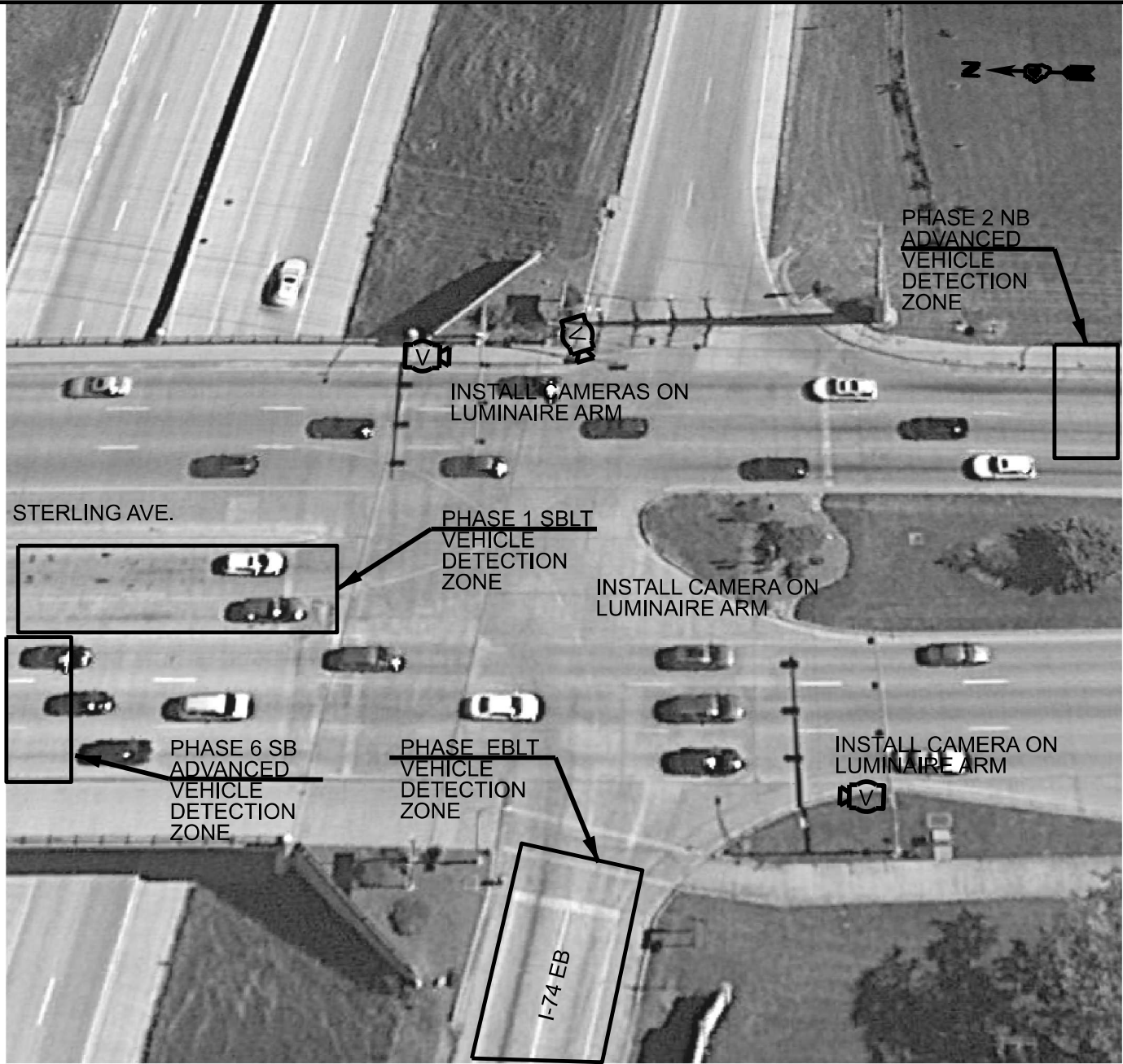
BILL OF MATERIALS		
ITEM DESCRIPTION	UNIT	TOTAL QTY.
VIDEO VEHICLE DETECTION SYSTEM, SINGLE APPROACH	EACH	1.0

NOT TO SCALE

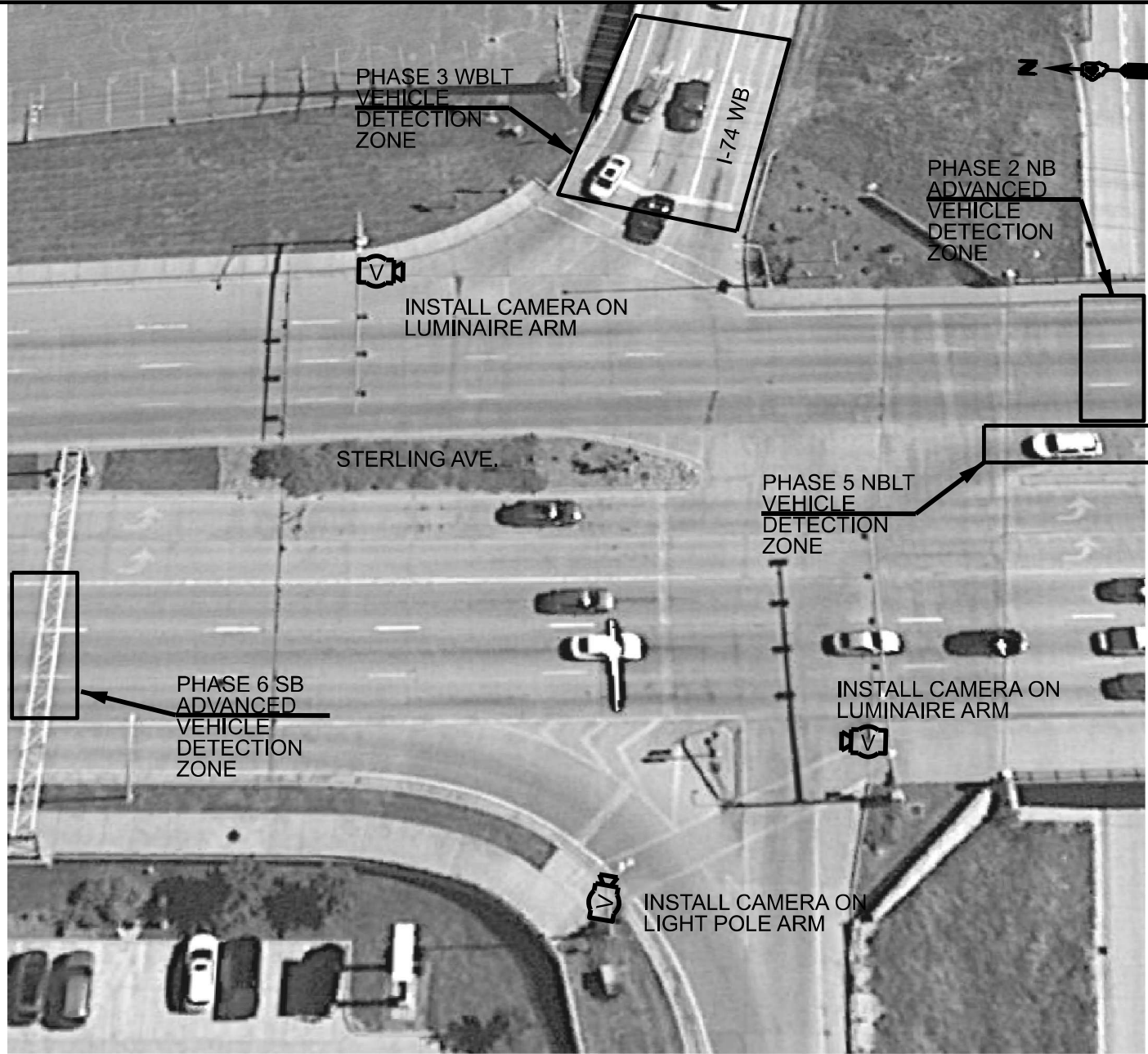
FILE NAME:	USER NAME = _____	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED VIDEO DETECTION SYSTEM INSTALLATION SPALDING AVE. & GREENLEAF ST./I-74 WB RAMP US 67 (LAFAYETTE ST.) & US 136 (CALHOUN ST.)					F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - _____	REVISED - _____							VAR	D4 TRAFFIC SIGNALS 2025	VARIOUS	16	6
		CHECKED - _____	REVISED - _____		CONTRACT NO. 68K26									
	PLOT DATE = 1/7/2025	DATE - _____	REVISED - _____		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.				
	ILLINOIS FEDERAL PROJECT													



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REMOVE EX. AUTOSCOPE CAMERAS (QTY. 3) AND DISPOSE OFFSITE.  
REMOVE EX. GRIDSMART CAMERA AND BRACKET AND DELIVER TO  
IDOT TRAFFIC BUILDING



REMOVE EX. AUTOSCOPE CAMERAS (QTY. 3) AND DISPOSE OFFSITE.  
REMOVE EX. GRIDSMART CAMERA AND BRACKET AND DELIVER TO  
IDOT TRAFFIC BUILDING

BILL OF MATERIALS

ITEM DESCRIPTION	UNIT	TOTAL QTY.
VIDEO VEHICLE DETECTION SYSTEM, 3 CAMERA	EACH	2.0

NOT TO SCALE

USER NAME =	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/7/2025	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

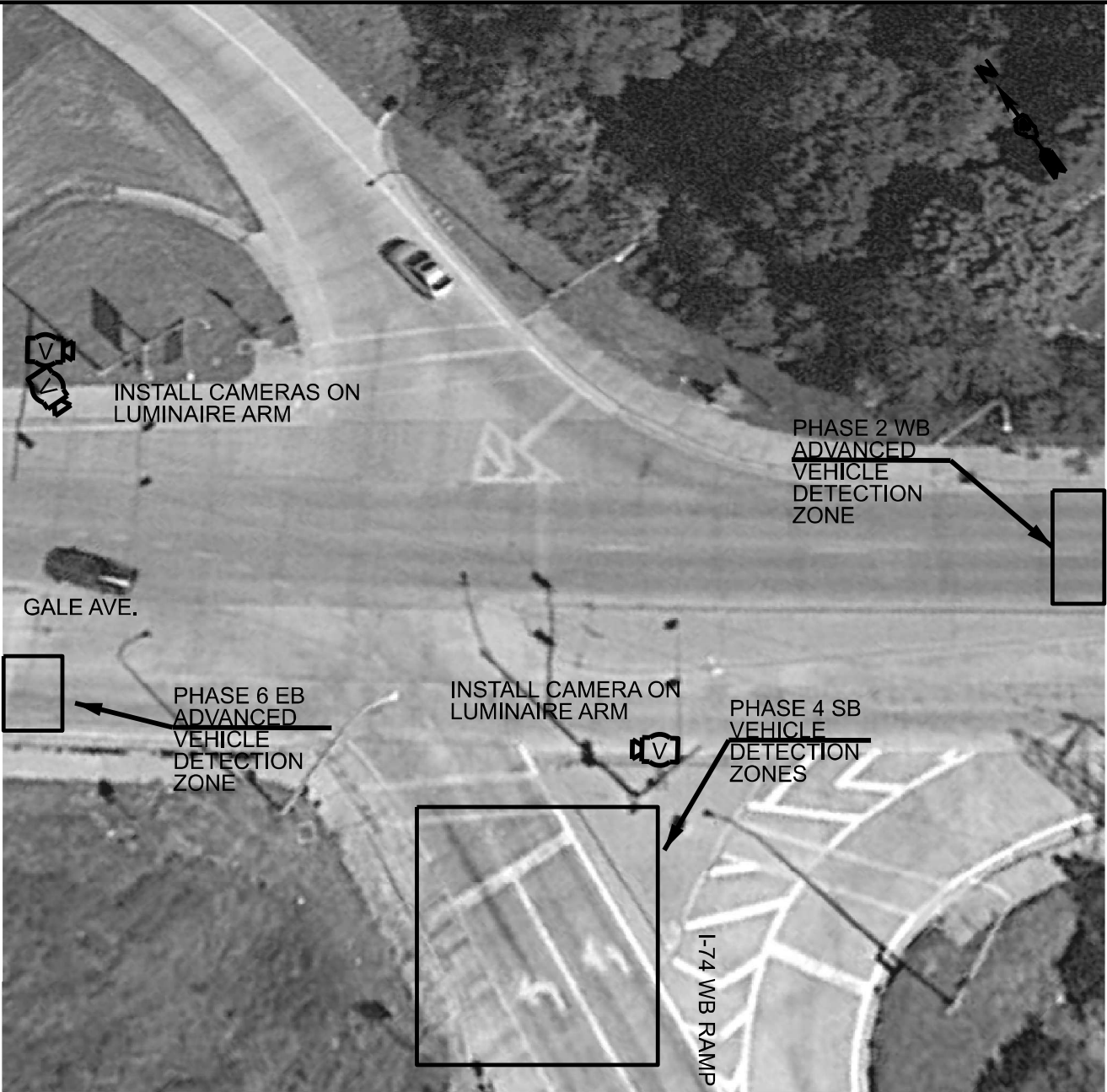
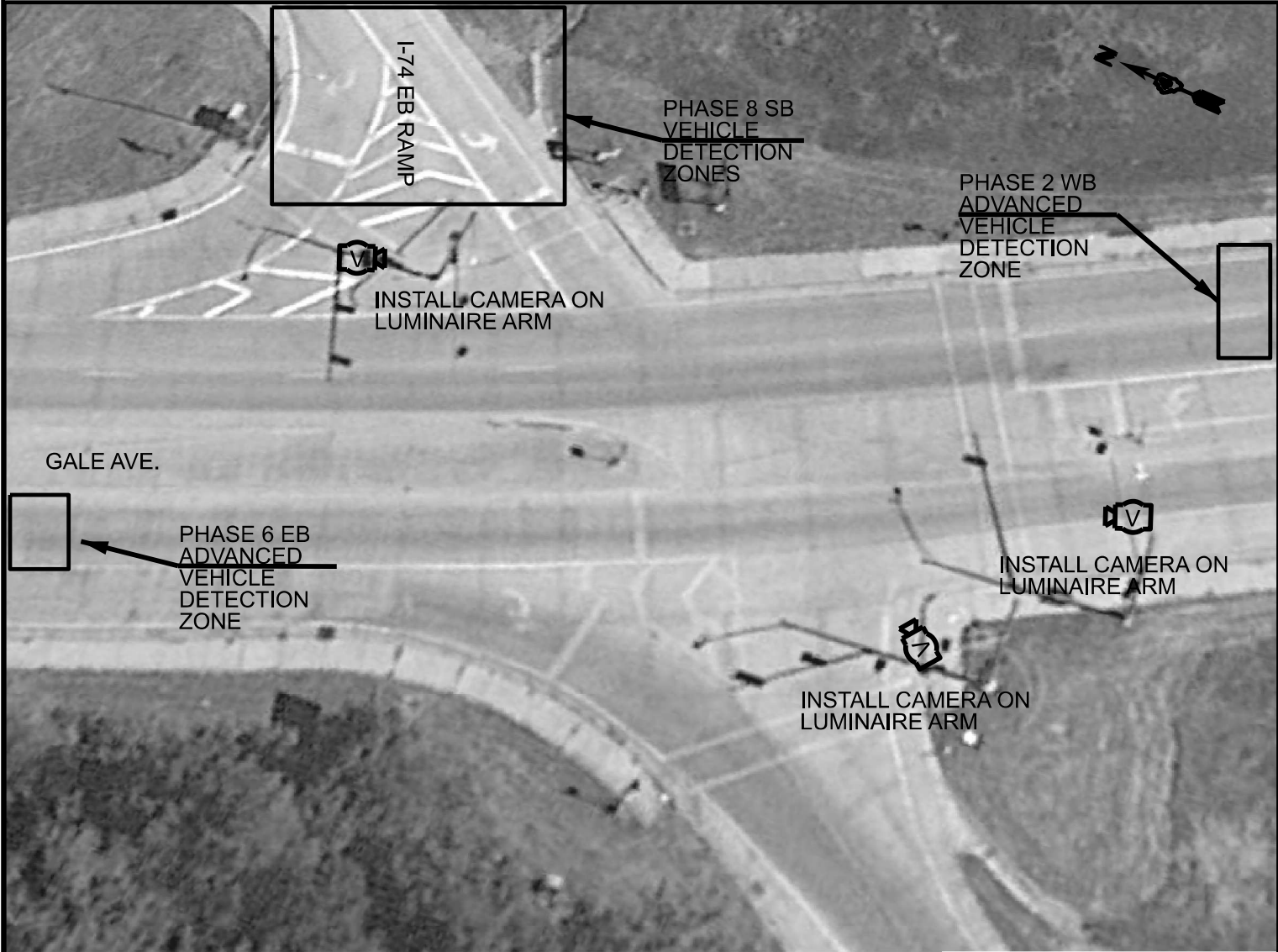
PROPOSED VIDEO DETECTION SYSTEM INSTALLATION  
STERLING AVE. & I-74 EB RAMPS  
STERLING AVE. & I-74 WB RAMPS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 TRAFFIC SIGNALS 2025	VARIOUS	16	7
CONTRACT NO. 68K26				
ILLINOIS FED. AID PROJECT				







REMOVE EX. AUTOSCOPE CAMERAS (QTY. 2) AND DISPOSE OFFSITE.  
REMOVE EX. GRIDSMART CAMERA AND BRACKET AND DELIVER TO  
IDOT TRAFFIC BUILDING

REMOVE EX. AUTOSCOPE CAMERAS (QTY. 3) AND DISPOSE OFFSITE.  
REMOVE EX. GRIDSMART CAMERA AND BRACKET AND DELIVER TO  
IDOT TRAFFIC BUILDING

BILL OF MATERIALS

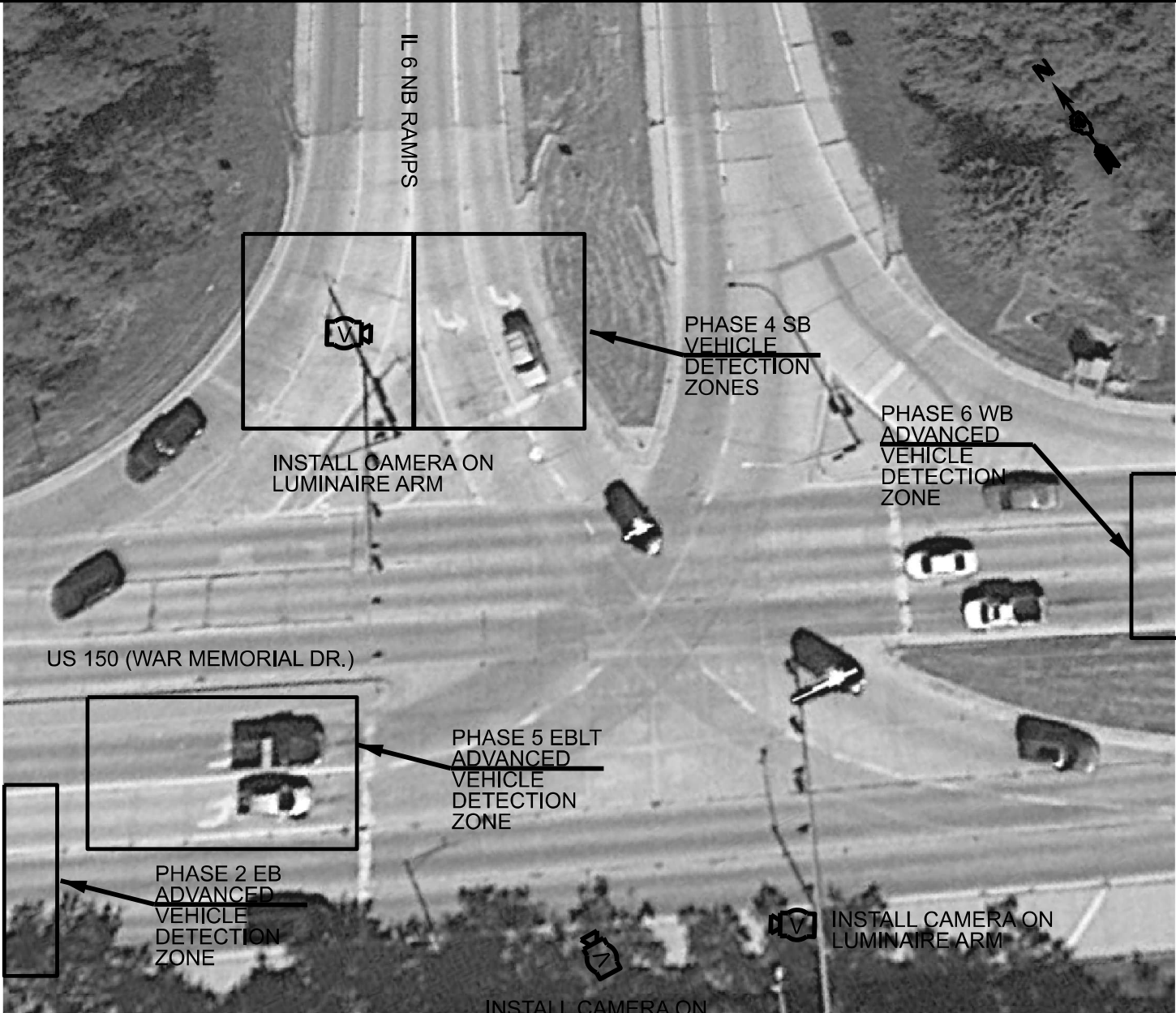
ITEM DESCRIPTION	UNIT	TOTAL QTY.
VIDEO VEHICLE DETECTION SYSTEM, 3 CAMERA	EACH	2.0

NOT TO SCALE

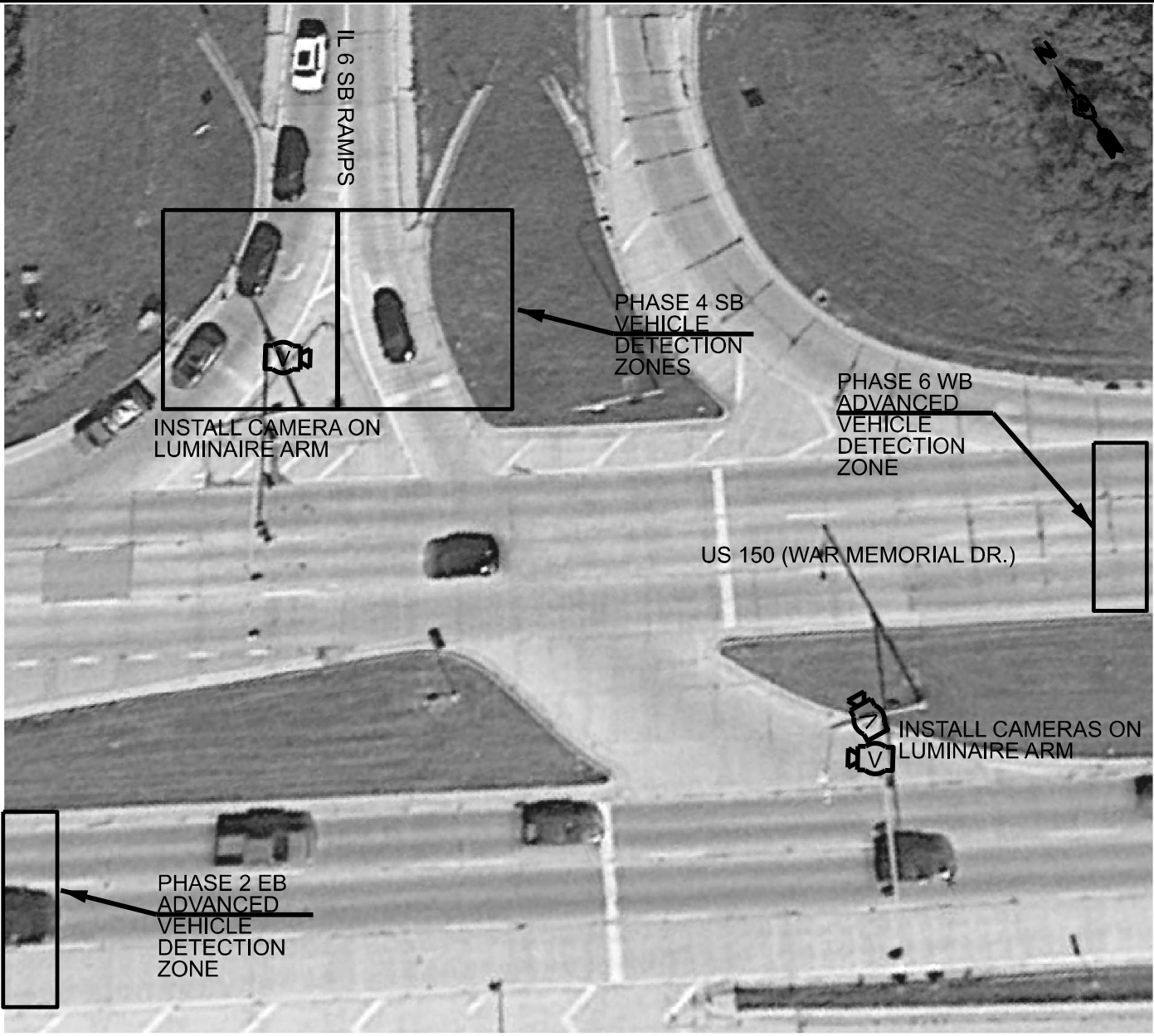
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	USER NAME   =_____	DESIGNED   -   _____	REVISED   -   _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED VIDEO DETECTION SYSTEM INSTALLATION GALE AVE. & I-74 EB RAMPS GALE AVE. & I-74 WB RAMPS			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN   -   _____	REVISED   -   _____					VAR	D4 TRAFFIC SIGNALS 2025	VARIOUS	16	9
		CHECKED   -   _____	REVISED   -   _____					CONTRACT NO. 68K26				
	PLOT DATE   = 1/7/2025	DATE   -   _____	REVISED   -   _____					SCALE: _____ SHEET   __ OF   __ SHEETS STA. _____ TO STA. _____				

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REMOVE EX. AUTOSCOPE CAMERAS (QTY. 3) AND DISPOSE OFFSITE.  
REMOVE EX. GRIDSMART CAMERA AND BRACKET AND DELIVER TO  
IDOT TRAFFIC BUILDING

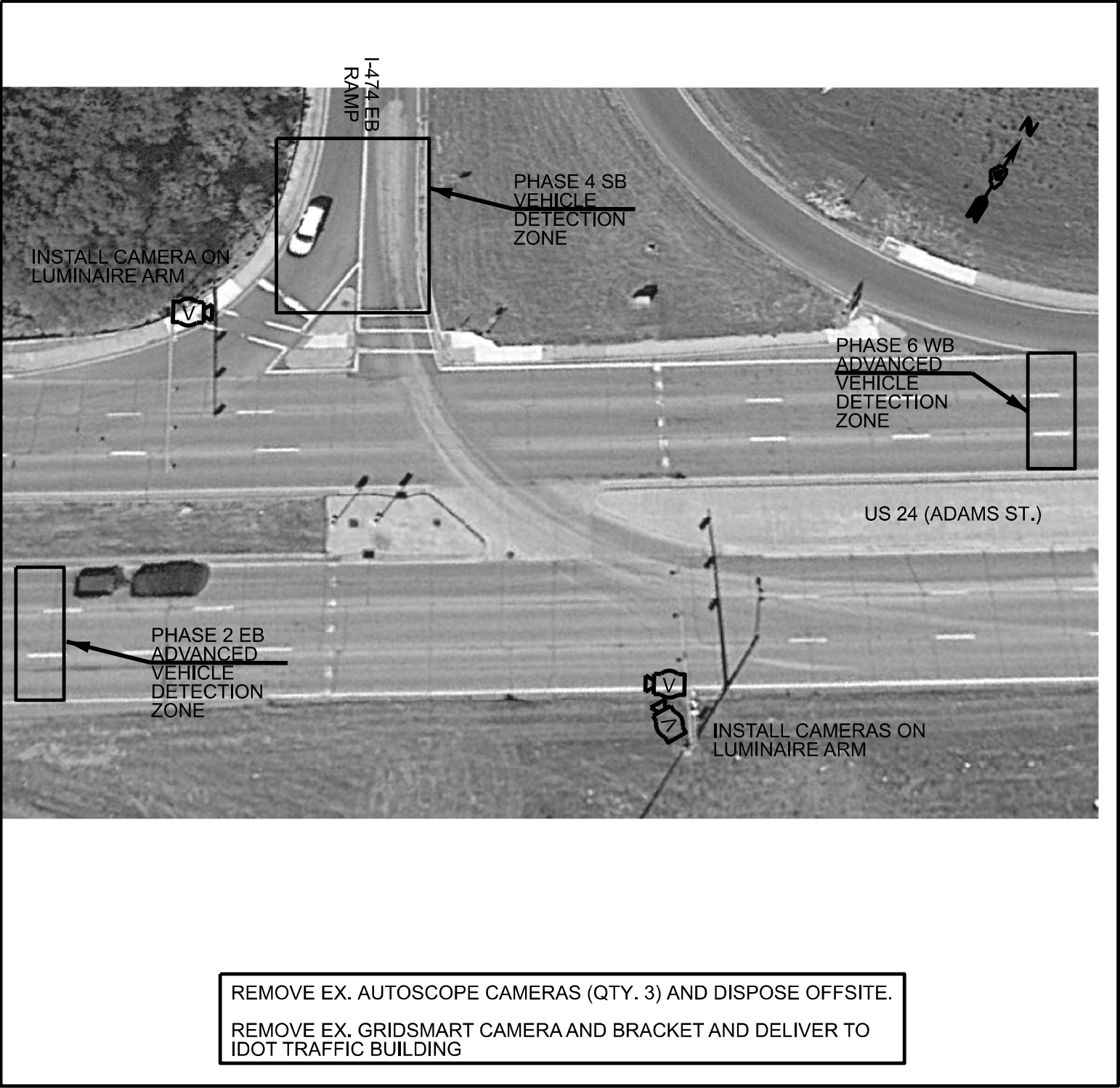


REMOVE EX. AUTOSCOPE CAMERAS (QTY. 3) AND DISPOSE OFFSITE.  
REMOVE EX. GRIDSMART CAMERA AND BRACKET AND DELIVER TO  
IDOT TRAFFIC BUILDING

BILL OF MATERIALS		
ITEM DESCRIPTION	UNIT	TOTAL QTY.
VIDEO VEHICLE DETECTION SYSTEM, 3 CAMERA	EACH	2.0

NOT TO SCALE

	USER NAME =	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED VIDEO DETECTION SYSTEM INSTALLATION US 150 (WAR MEMORIAL DR.) & IL 6 NB RAMPs US 150 (WAR MEMORIAL DR.) & IL 6 SB RAMPs	SCALE: _____	SHEET _____	OF _____	SHEETS	STA. _____	TO STA. _____	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -									VAR	D4 TRAFFIC SIGNALS 2025	VARIOUS	16	10
		CHECKED -	REVISED -									CONTRACT NO. 68K26				
	PLOT DATE = 1/7/2025	DATE -	REVISED -									ILLINOIS FED. AID PROJECT				



REMOVE EX. AUTOSCOPE CAMERAS (QTY. 3) AND DISPOSE OFFSITE.  
REMOVE EX. GRIDSMART CAMERA AND BRACKET AND DELIVER TO  
IDOT TRAFFIC BUILDING

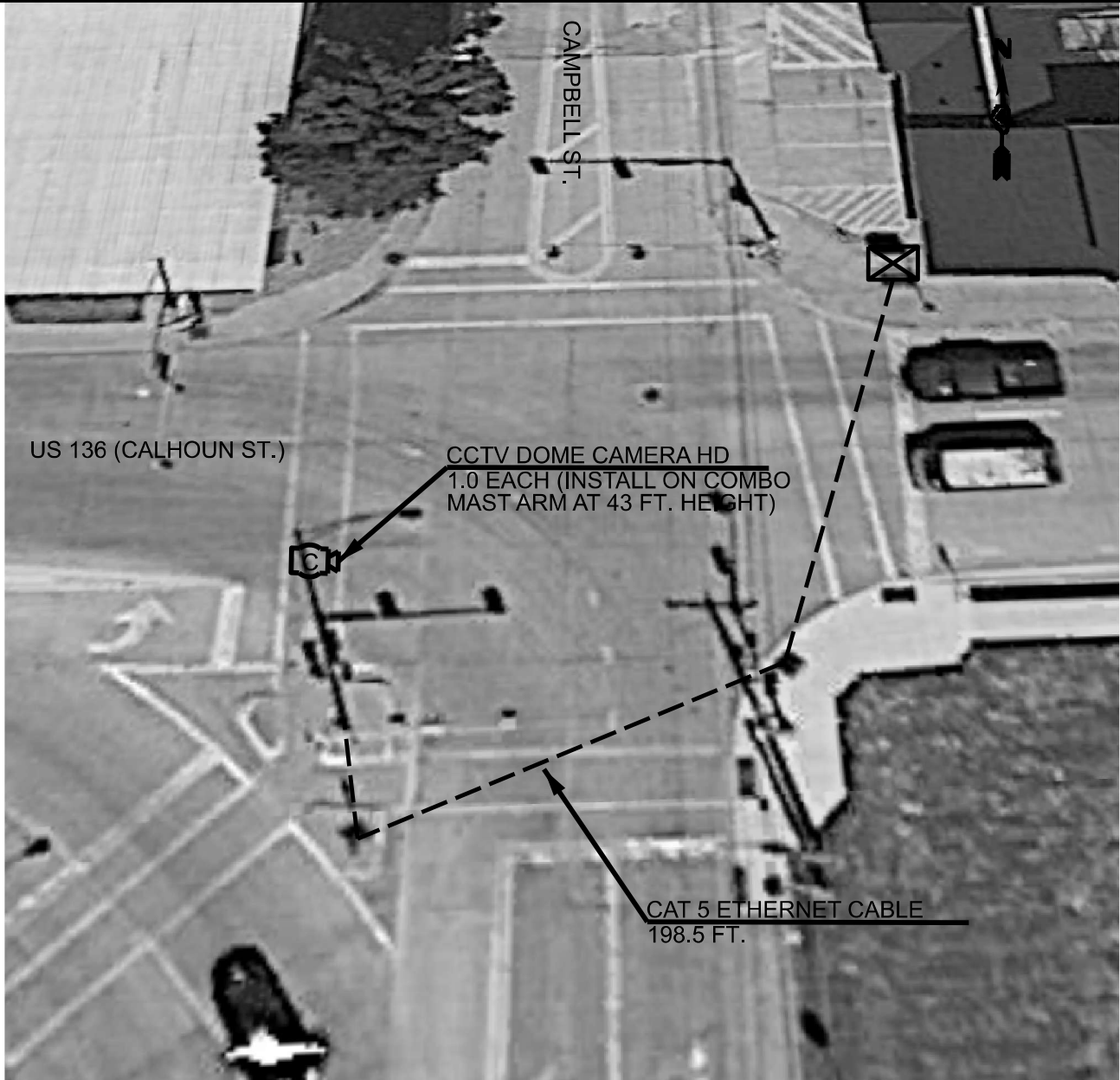
BILL OF MATERIALS		
ITEM DESCRIPTION	UNIT	TOTAL QTY.
VIDEO VEHICLE DETECTION SYSTEM, 3 CAMERA	EACH	1.0

NOT TO SCALE

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	USER NAME =	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED VIDEO DETECTION SYSTEM INSTALLATION US 24 (ADAMS ST.) & I-474 EB RAMPs		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -				VAR	D4 TRAFFIC SIGNALS 2025	VARIOUS	16	11
		CHECKED -	REVISED -		SCALE: _____		CONTRACT NO. 68K26				
	PLOT DATE = 1/7/2025	DATE -	REVISED -		SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	





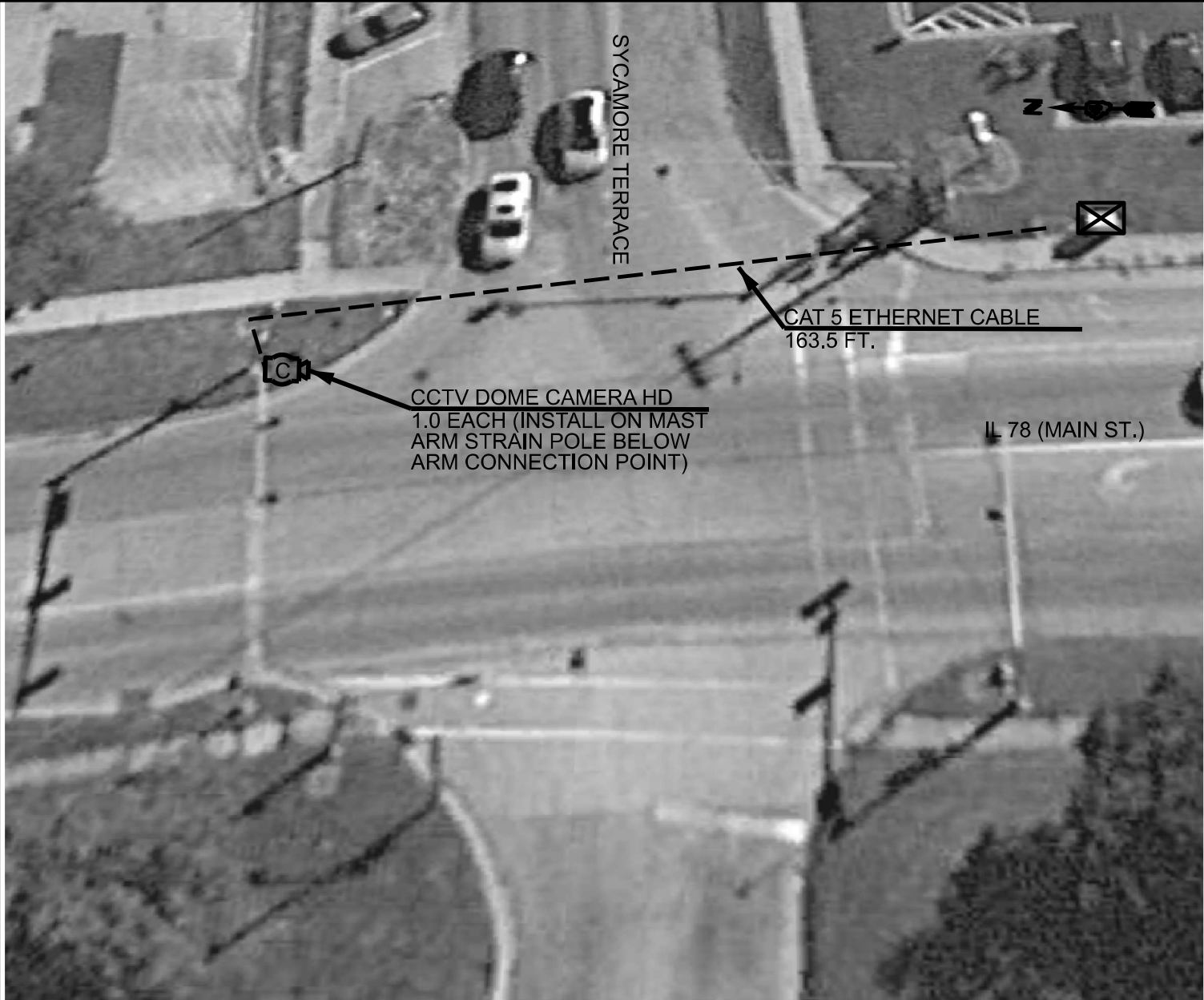
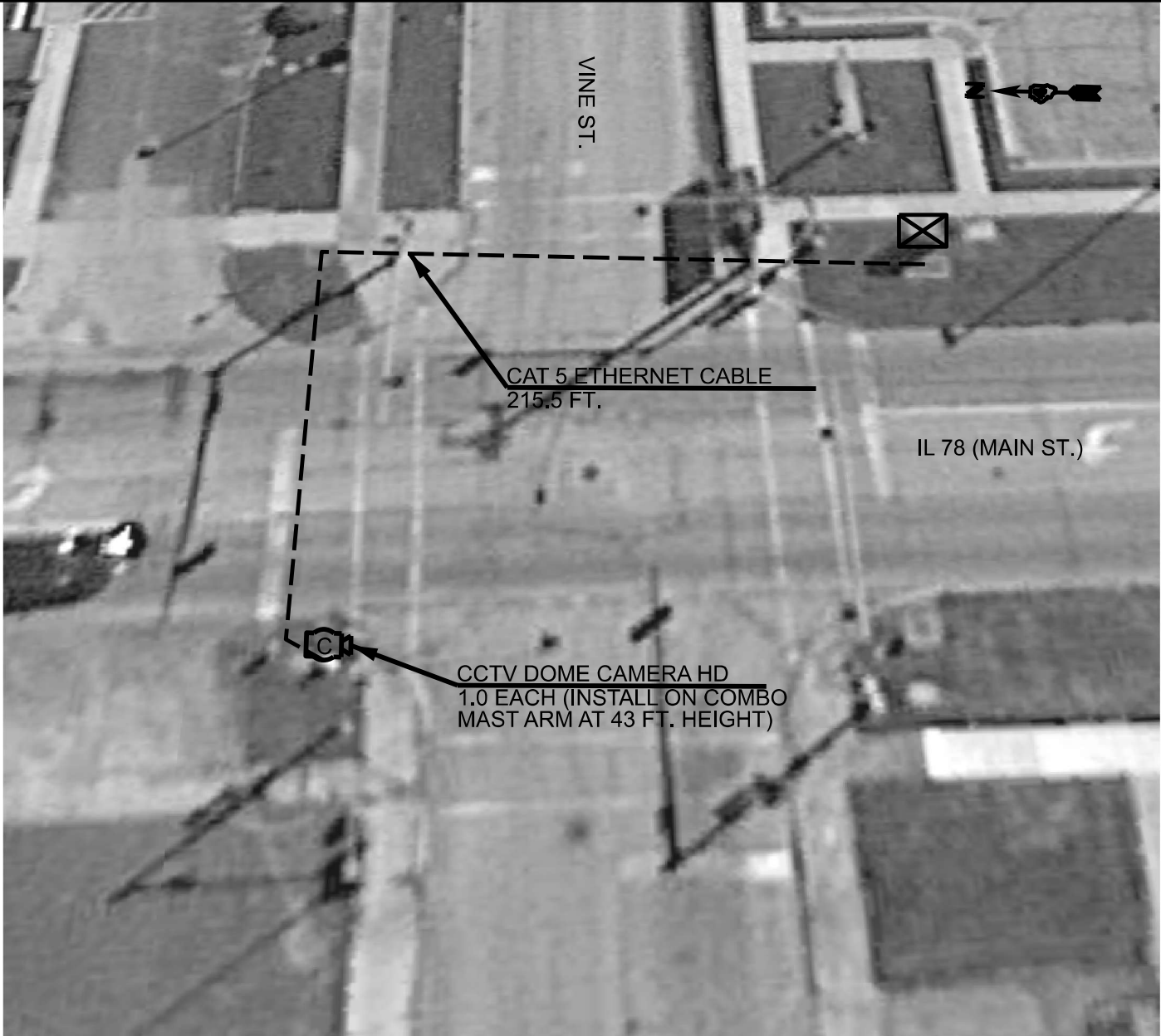
BILL OF MATERIALS		
ITEM DESCRIPTION	UNIT	TOTAL QTY.
CLOSED CIRCUIT TELEVISION DOME CAMERA, HD	EACH	2.0
CAT 5 ETHERNET CABLE	FOOT	345.0

NOT TO SCALE

MODEL: Default  
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	USER NAME =	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED CCTV INSTALLTION US 67 (LAFAYETTE AVE.) & US 136 (CALHOUN ST.) US 150 (WAR MEMORIAL DR.) & ORANGE PRAIRIE RD.			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					VAR	D4 TRAFFIC SIGNALS 2025	VARIOUS	16	12
	PLOT DATE = 1/7/2025	DATE -	REVISED -					CONTRACT NO. 68K26				
								ILLINOIS FED. AID PROJECT				
SCALE: _____					SHEET _____ OF _____ SHEETS			STA. _____ TO STA. _____				



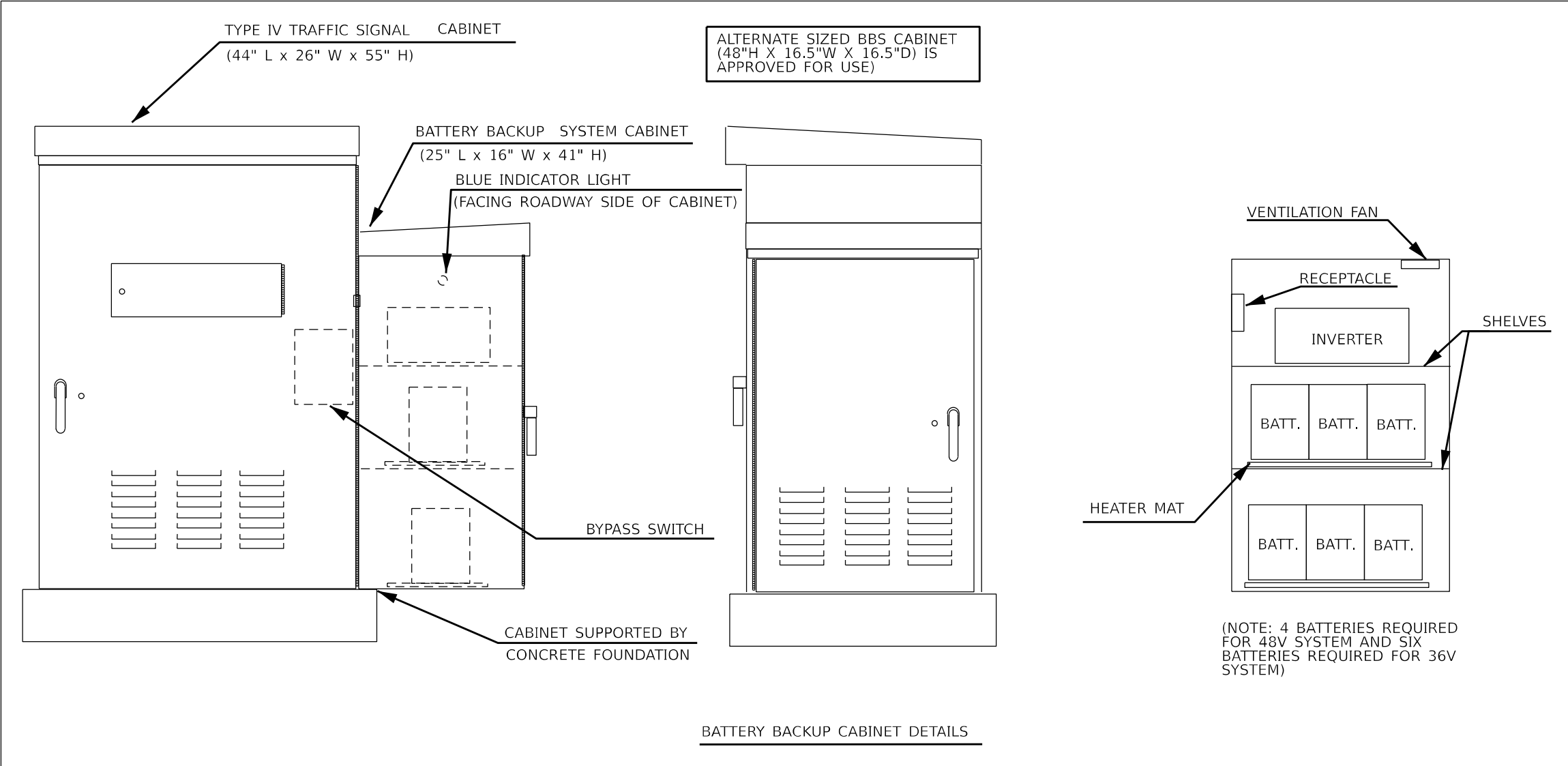


BILL OF MATERIALS		
ITEM DESCRIPTION	UNIT	TOTAL QTY.
CLOSED CIRCUIT TELEVISION DOME CAMERA, HD	EACH	2.0
CAT 5 ETHERNET CABLE	FOOT	379.0

NOT TO SCALE

MODEL: Default  
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	USER NAME =	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED CCTV INSTALLTION IL 78 (MAIN ST.) & VINE ST. IL 78 (MAIN ST.) & SYCAMORE TERRACE	SCALE: _____	SHEET _____ OF _____ SHEETS	STA. _____ TO STA. _____	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						VAR	D4 TRAFFIC SIGNALS 2025	VARIOUS	16	13
		CHECKED -	REVISED -						CONTRACT NO. 68K26				
	PLOT DATE = 1/7/2025	DATE -	REVISED -						ILLINOIS FED. AID PROJECT				



NOTES

- 1. THE BATTERY BACKUP SYSTEM CABINET SHALL BE A NEMA TYPE 3R CABINET WITH MINIMUM OUTSIDE DIMENSIONS OF 41" (H) X 25" (W) X 16" (D). THE CABINET SHALL BE EQUIPPED WITH A THREE POINT LATCHING MECHANISM, TWO SHELVES, THERMOSTATICALLY CONTROLLED VENTILATION FAN, AND A POWER RECEPTACLE. THE CABINET SHALL BE MOUNTED TO THE SIDE OF THE PROPOSED TYPE IV CABINET WITH THE BOTTOM OF THE CABINET SUPPORTED BY THE CONCRETE FOUNDATION.
- 2. ALL CABINET LIGHTS, HEATER STRIPS, VENTILATION FANS, AND SERVICE RECEPTACLES SHALL BE BYPASSED WHEN THE BATTERY BACKUP UNIT IS OPERATING IN BATTERY MODE.
- 3. THE BATTERY BACKUP UNITS CONTACTS SHALL BE WIRED TO PROVIDE LOCAL CONTROLLER ALARMS (AS AVAILABLE IN THE PROPOSED CABINETS).
- 4. THE BYPASS SWITCH SHALL BE AUTOMATIC AND SHALL BE INSTALLED IN THE BBS CABINET.

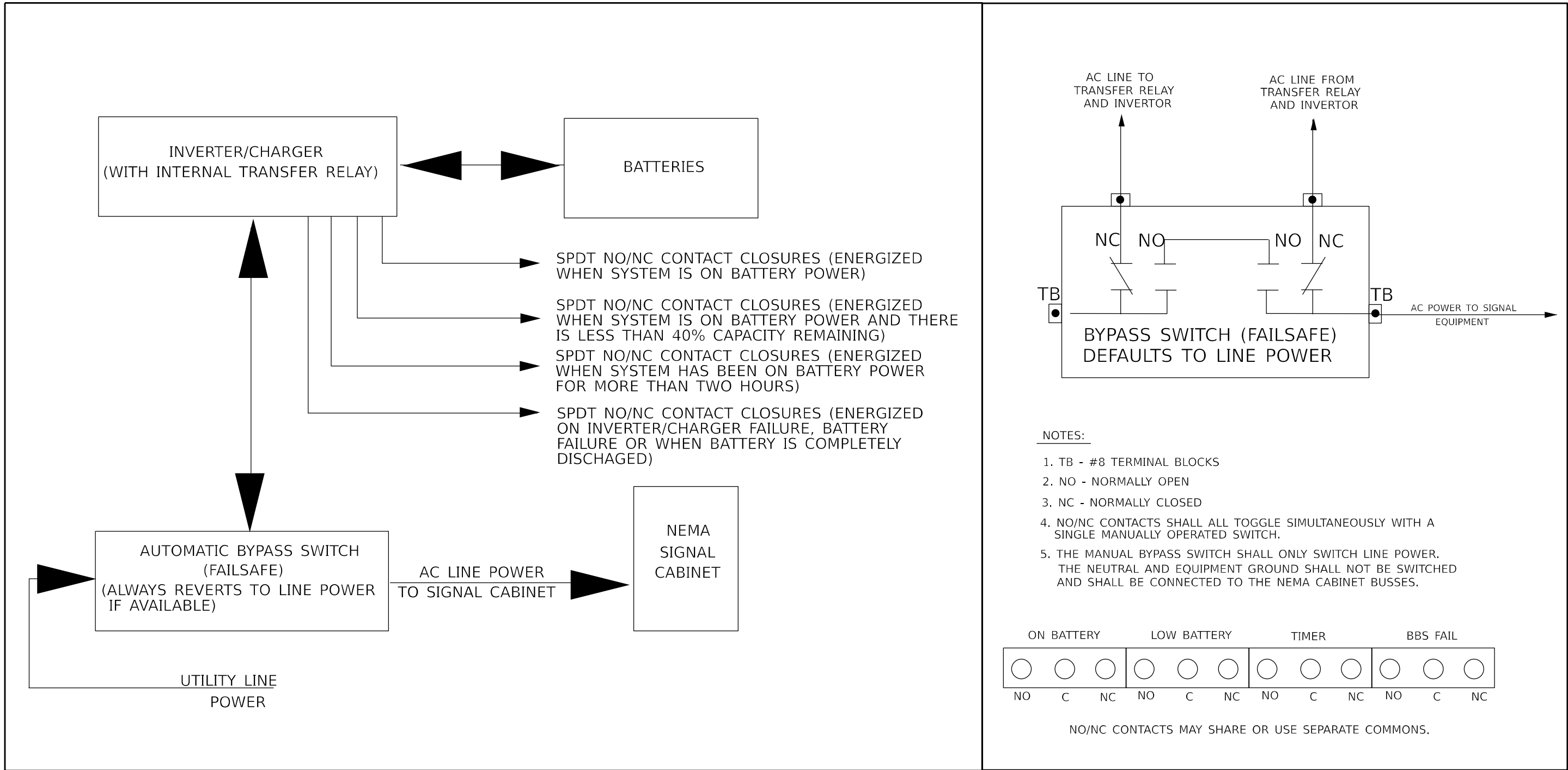
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	USER NAME =	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BATTERY BACKUP SYSTEM CABINET DETAIL			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - _____	REVISED - _____					VAR	D4 TRAFFIC SIGNALS 2025	VARIOUS	16	14
		CHECKED - _____	REVISED - _____					CONTRACT NO. 68K26				
	PLOT DATE = 1/7/2025	DATE - _____	REVISED - _____		SCALE: _____	SHEET _	OF _ SHEETS	STA. _____	TO STA. _____	ILLINOIS   FED. AID PROJECT		



MODEL: Default  
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NOT TO SCALE

	USER NAME   =	DESIGNED   -   _____	REVISED   -   _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BATTERY BACKUP SYSTEM BLOCK AND BYPASS SWITCH DIAGRAMS				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN    -   _____	REVISED   -   _____						VAR	D4 TRAFFIC SIGNALS 2025	VARIOUS	16	16
		CHECKED   -   _____	REVISED   -   _____				CONTRACT NO. 68K26						
	PLOT DATE   = 1/7/2025	DATE       -   _____	REVISED   -   _____		SCALE: _____	SHEET    _   OF   _   SHEETS	STA.       _____	TO STA.    _____					
					ILLINOIS   FED. AID PROJECT								