

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

1	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	360	2020-007-RS&SW	KANE	83	1
			ILLINOIS	CONTRACT NO. 62K78	
* 83 + 1 = 84 TOTAL SHEETS					
* 84 + 1 = 85 TOTAL SHEETS					

D-91-390-20

FOR INDEX OF SHEETS, SEE SHEET NO. 2

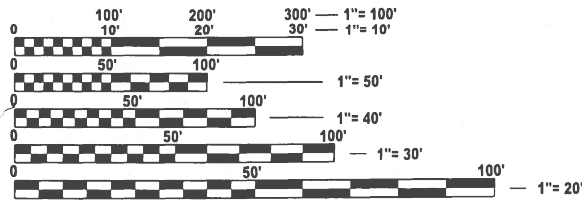
THIS PROJECT IS LOCATED IN THE CITY OF ELGIN, VILLAGE OF BARTLETT AND UNINCORPORATED ELGIN TOWNSHIP.

TRAFFIC DATA:

FUNCTIONAL CLASS: OTHER PRINCIPAL ARTERIAL

IL-25 (SAINT CHARLES ST)
PROJECT BEGINS TO KENYON RD
ADT (2023) = 15,900 VPD
SPEED LIMIT = 50 MPH

IL-25 (SAINT CHARLES ST)
KENYON RD TO BLUFF CITY BLVD
ADT (2023) = 15,900 VPD
SPEED LIMIT = 30-35 MPH



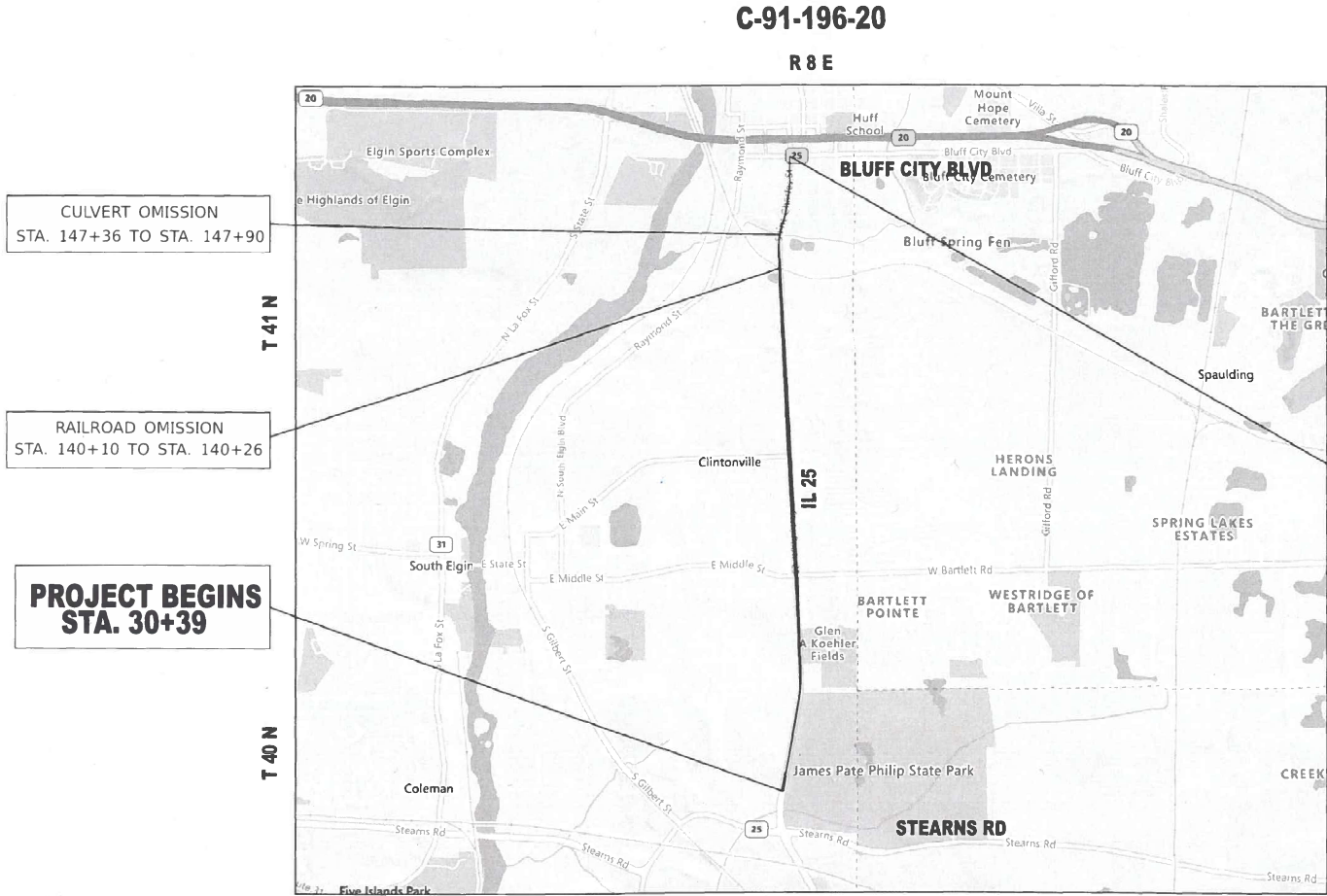
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: VESELIN VELICHKOV (847) 705-4432
PROJECT MANAGER: FAWAD AQUEEL

CONTRACT NO. 62K78

PROPOSED
HIGHWAY PLANS
FAP ROUTE 360: IL 25 (SAINT CHARLES STREET)
BLUFF CITY BLVD TO 0.4 MI N. OF STEARNS ROAD
SECTION: 2020-007-RS&SW
PROJECT: NHPP-34U2(653)
DESIGNED OVERLAY, NEW SHOULDERS, ADA IMPROVEMENTS
KANE COUNTY



CULVERT OMISSION
STA. 147+36 TO STA. 147+90

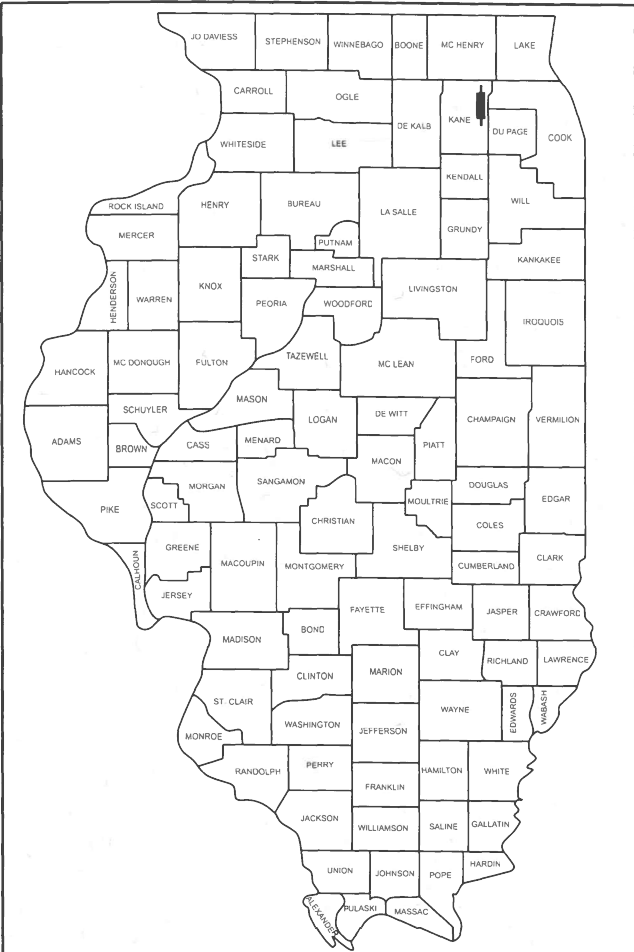
RAILROAD OMISSION
STA. 140+10 TO STA. 140+26

PROJECT BEGINS
STA. 30+39

PROJECT ENDS
STA. 165+22

ELGIN TOWNSHIP, SAINT CHARLES TOWNSHIP

GROSS & NET LENGTH = 13,483 FT. = 2.55 MILES
NET LENGTH = 13,413 FT. = 2.54 MILES



LOCATION OF SECTION INDICATED THUS: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED June 25th 2025
Indira IR

REGIONAL ENGINEER

August 15, 2025
See E. A. Etk
ENGINEER OF DESIGN AND ENVIRONMENT

August 15, 2025
Chad R. 5
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

MODEL: GenNotesSh02 [Sheet]
FILE NAME: c:\pw_work\pw\idot\qarut\id1022914\ID139020-sh1-gennote.dgn

MAINTENANCE OF TRAFFIC NOTES



1. WHEN WORKING ADJACENT TO THE ROAD AND UTILIZING DAILY LANE CLOSURES, DROP OFFS ADJACENT TO THE TRAVEL LANE SHALL BE KEPT AT A MINIMUM. PROTECTION OF THE DROP-OFF SHALL BE ACCORDING TO THE IDOT BUREAU OF SAFETY PROGRAMS AND ENGINEERING, SAFETY ENGINEERING POLICY MEMORANDUM 4-21. DROP-OFFS GREATER THAN THE SPECIFIED MAXIMUM DROP-OFF DEPTH SHOWN IN TABLE 2, CONDITION II OF THE SAFETY 4-21 POLICY WILL NOT BE ALLOWED AT LOCATIONS WHERE THE THE DROP-OFF IS LOCATED WITHIN 8 FT OF THE EDGE OF THE NEAREST OPEN TRAFFIC LANE. THE CONTRACTOR WILL BE REQUIRED TO PERFORM THE EXCAVATION REQUIRED FOR THE CONSTRUCTION DURING THE TIME THAT THE ADJACENT LANE IS CLOSED. AS NOTED ABOVE, PRIOR TO REOPENING THE LANE TO TRAFFIC, THE CONTRACTOR SHALL PLACE SUFFICIENT MATERIAL TO REDUCE THE DROP-OFF TO LESS THAN THE SPECIFIED MAXIMUM DROP-OFF DEPTH SHOWN IN TABLE 2, CONDITION II OF THE SAFETY 4-21 POLICY AND ENSURE THAT THE DROP-OFF AREAS MEET THE OFFSET, HEIGHT, AND DURATION REQUIREMENTS TO USE BARRICADES / DRUMS AT THE END OF EACH WORKDAY. THE CONTRACTOR SHALL BE RESPONSIBLE TO DETERMINE THE AMOUNT OF WORK THAT CAN BE COMPLETED WITHIN THE TIME OF THE DAILY LANE CLOSURE. IF THE ABOVE REQUIREMENTS CAN'T BE MET, AND IT IS DETERMINED THAT OVERNIGHT LANE CLOSURES AND / OR TEMPORARY CONCRETE BARRIER WALL INSTALLATION WILL BE NECESSARY, THEN IDOT WRITTEN APPROVAL WILL BE REQUIRED PRIOR TO THE INSTALLATION OF THESE ITEMS. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED TO COMPLY WITH THIS REQUIREMENT. WHERE POSITIVE PROTECTION (TEMPORARY CONCRETE BARRIER PER STD. 704001) IS PROVIDED, THIS REQUIREMENT IS NULLIFIED.

REVIS
1
REVISED SHEET 9/9/2025

	USER NAME = Nedai.Qarut	DESIGNED -	REVISED - 1 9/2/2025 NQ	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 25 (SAINT CHARLES ST) 0.4 MI N. OF STEARNS RD TO BLUFF CITY BLVD INDEX OF SHEETS, STATE STANDARDS & GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			360	2020-007-RS&SW	KANE	83	2A
	PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISED -			CONTRACT NO. 62K78				
	PLOT DATE = 8/8/2025	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
						SCALE:	SHEET 2 OF 2 SHEETS	STA.	TO STA.	

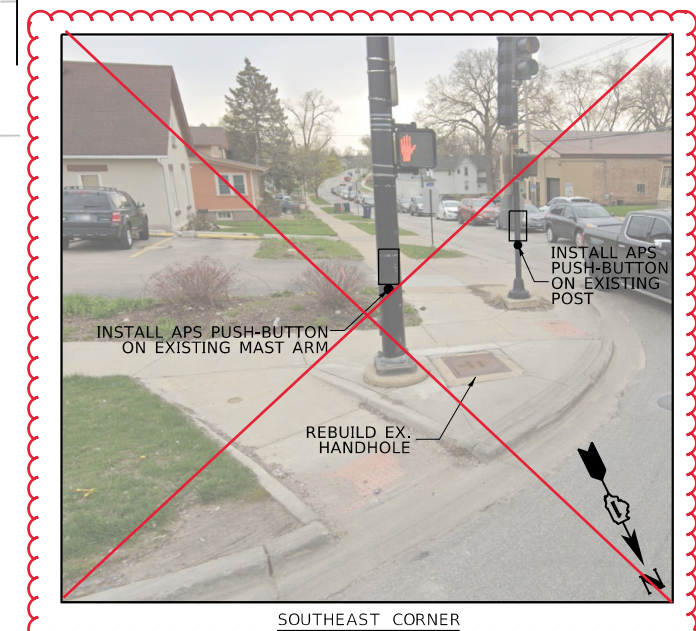
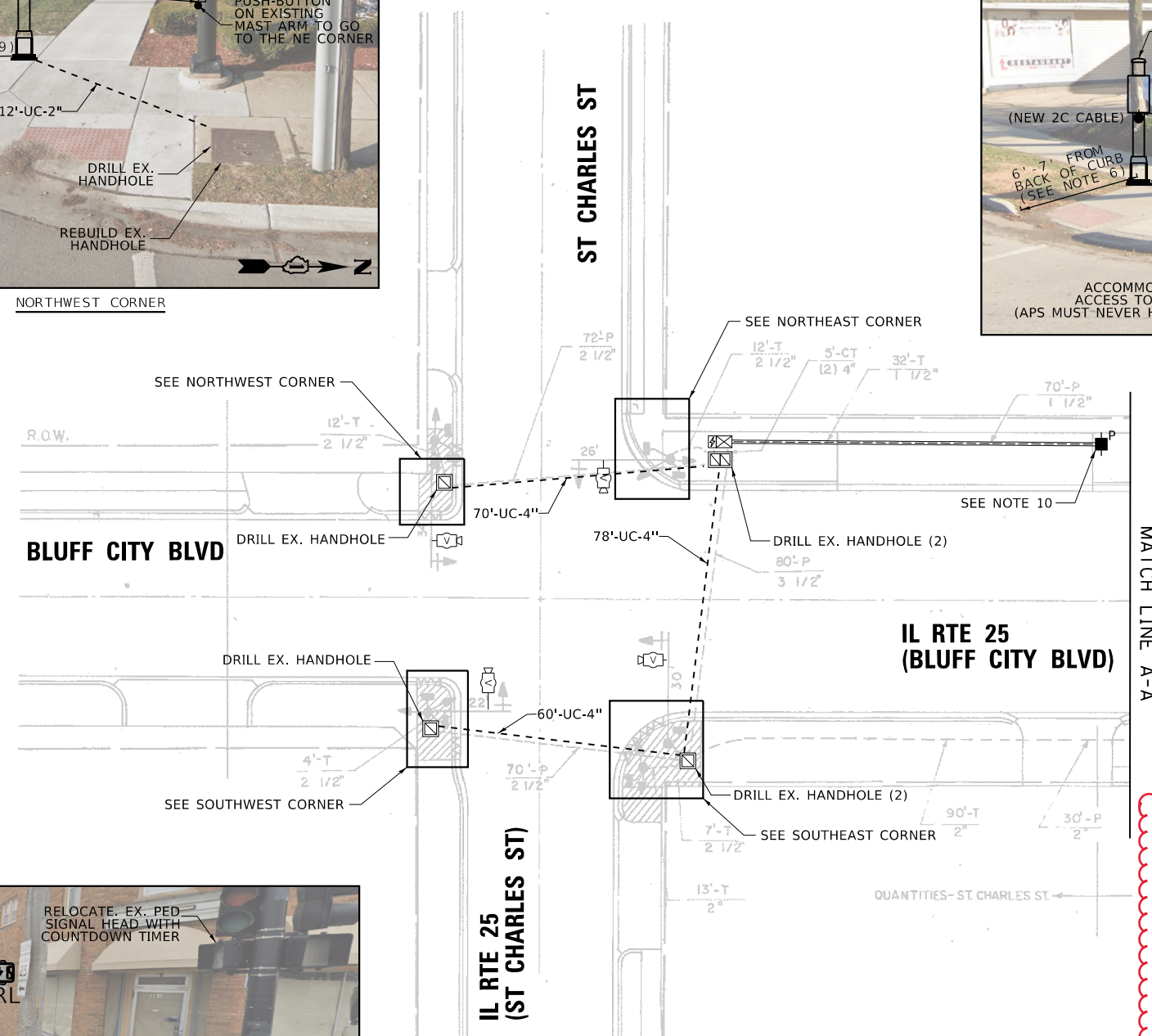
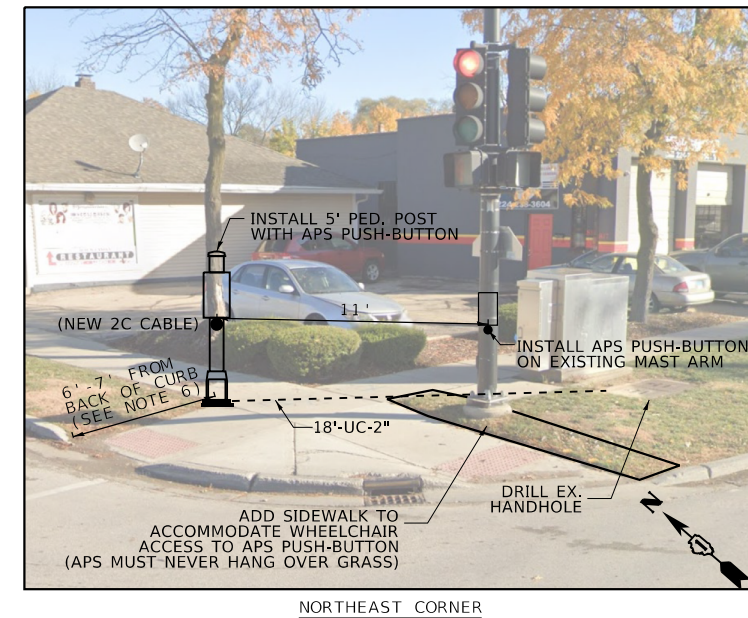
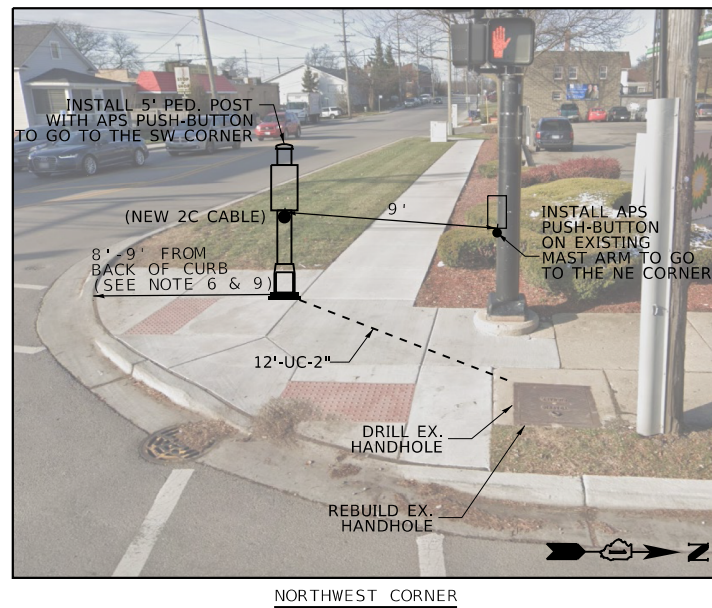
1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.
2. CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE PEDESTRIAN EQUIPMENT BEFORE INSTALLATION WITH THE TRAFFIC SIGNAL ENGINEER.
3. APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.
4. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISIONS, DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING, AND PATCHING OPERATIONS).
5. ALL PUSH BUTTONS SHALL BE APS
6. NO PROPOSED PEDESTRIAN POST SHALL EXCEED 10 FT FROM BACK OF CURB
7. ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED
8. ALL PROPOSED TRAFFIC SIGNAL CABLE SHALL BE ROUTED THROUGH THE PROPOSED CONDUIT
9. THERE SHALL BE A MINIMUM OF 4' SIDEWALK CLEARANCE NEXT TO TRAFFIC SIGNAL FOUNDATIONS TO BE ADA COMPLIANT
10. OLD POLE MOUNT TO BE REPLACED WITH NEW POLE MOUNT SERVICE, ELECTRIC METER ON CABINET IS TOO REMAIN

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- | | | |
|---|------|----------------------------------|
| 1 | EACH | SERVICE INSTALLATION, POLE MOUNT |
|---|------|----------------------------------|

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR,
SAFELY STORED AND RELOCATED TO THE PROPOSED 10 FT POST

- 1 EACH PEDESTRIAN SIGNAL HEAD



**TRAFFIC SIGNAL MODERNIZATION PLAN
IL RTE 25 (BLUFF CITY BLVD) AND IL RTE 25 (ST CHARLES ST)**

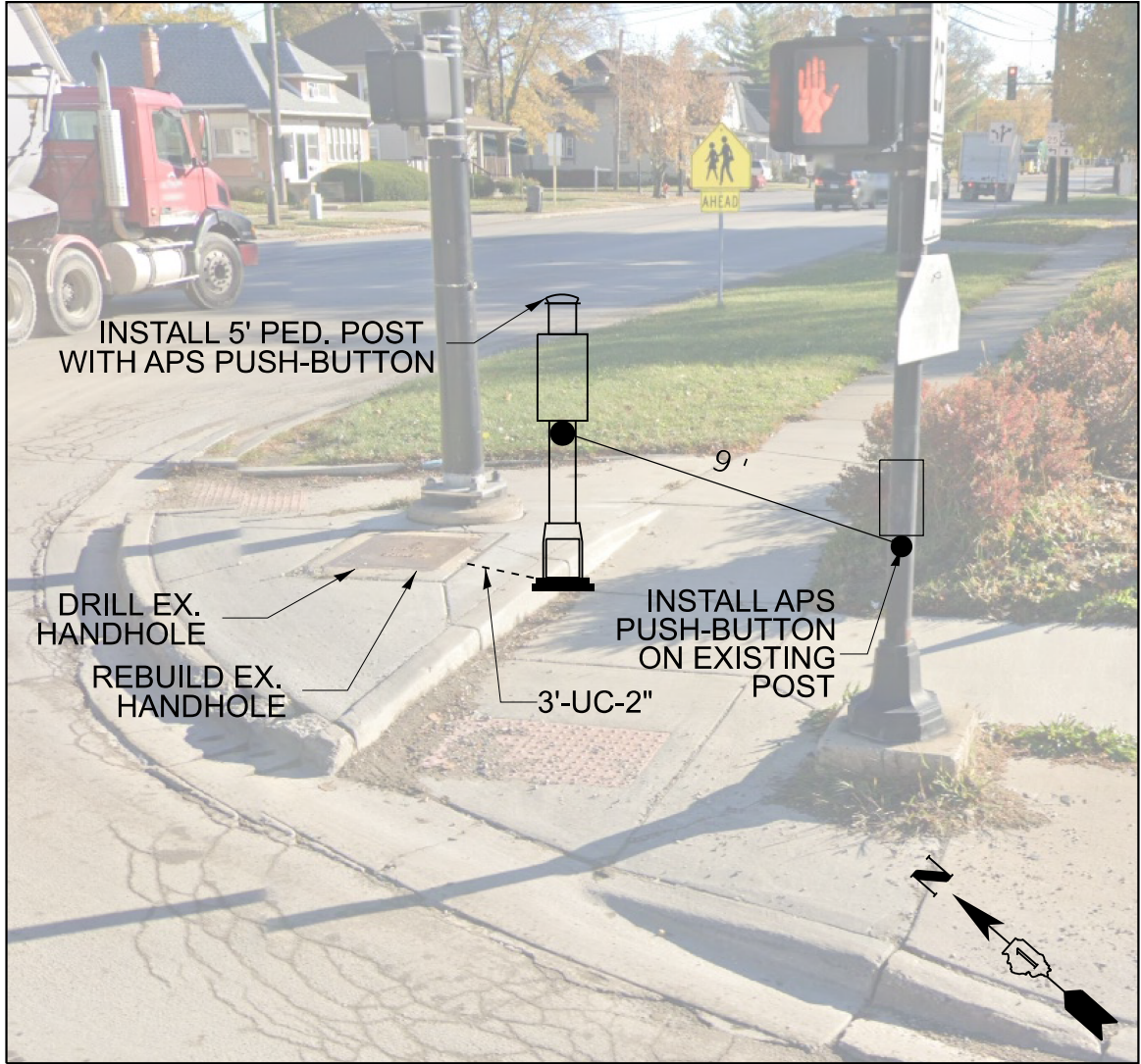
1 REVISED SHEET 9/9/2025

TS 13295
IDOT CENTRACS 209

USER NAME = Jakob,Larson	DESIGNED - J,LARSON	REVISED -
	DRAWN - J,LARSON	REVISED -
PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 11/7/2024	DATE = 10/30/2024	REVISED -

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
360	2020-007-RS&SW	KANE	83	26
		CONTRACT NO. 62K78		
		ILLINOIS	FED. AID PROJECT	

MODEL: Default
FILE NAME: C:\WP\Descom\DI\02 InHouse Descom\62K78\62K78.dgn



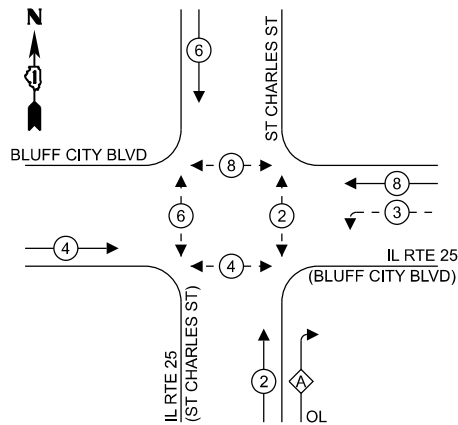
SOUTHEAST CORNER

1 ADDED ENTIRE SHEET 9/9/2025

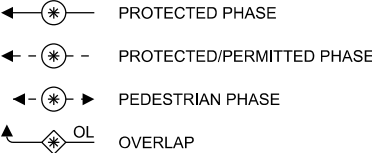
MODEL: Default
FILE NAME: p:\w\lsc-aw-bentley.com\PIV\DOT\Documents\DOT 0 cas\BldgRt 1080 Projects\DOT 0 CADD\BldgRt\Ta 662K78.dgn

USER NAME = SalmanAhmed.Shahnawa	DESIGNED - J.LARSON	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL MODERNIZATION PLAN SE CORNER IL RTE 25 (BLUFF CITY BLVD) AND IL RTE 25 (ST CHARLES ST)	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - J.LARSON	REVISED -			360	2020-007-R5&SW	KANE	83	26A
PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -			CONTRACT NO. 62K78				
PLOT DATE = 8/22/2025	DATE - 10/30/2024	REVISED -			ILLINOIS FED. AID PROJECT				
					SCALE:	SHEET	OF	SHEETS	STA.

EXISTING CONTROLLER SEQUENCE



LEGEND:



RIGHT TURN OVERLAP
PHASE DESIGNATION:

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
A	= 2 + 3	

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY
SERVICE INSTALLATION - POLE MOUNTED	EACH	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	91
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	208
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
GROUNDING EXISTING HANDHOLE FRAME AND COVER	EACH	4
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	961
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	183
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	127
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	704
DRILL EXISTING HANDHOLE	EACH	10
RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	114
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REBUILD EXISTING HANDHOLE	EACH	3
PEDESTRIAN SIGNAL POST, 10 FT	EACH	1
PEDESTRIAN SIGNAL POST, 5 FT	EACH	3
ACCESSIBLE PEDESTRIAN SIGNAL	EACH	8
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	16
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

TRAFFIC SIGNAL
ELECTRICAL SERVICE REQUIREMENTS

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	8	11	88
4-SECTION	-	14	-
5-SECTION	4	13	52
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL	8	15	120
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION RADAR OR VIDEO	4	20	80
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING			515
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING			1120

NOTES:

1. TIMING CONSULTANT SHALL PROGRAM THE FIXED TIME PEDESTRIAN SIGNALS TO ACTUATED SIGNALS. THIS WORK SHALL BE PAID FOR UNDER RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1

ENERGY COSTS TO:

CITY OF ELGIN
150 DEXTER CT
ELGIN, IL 60120

ENERGY SUPPLY: CONTACT: CASSIE EVANS

PHONE: 773-241-0741

COMPANY: COMED

ACCOUNT NUMBER: 4630542222

METER NUMBER: --

BLUFF CITY BLVD

ST CHARLES ST

IL ROUTE 25
(BLUFF CITY BLVD)

IL ROUTE 25
(ST CHARLES ST)

CABLE PLAN

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM,
AND SCHEDULE OF QUANTITIES
IL RTE 25 (BLUFF CITY BLVD) AND IL RTE 25 (ST CHARLES ST)

1 REVISED SHEET 9/9/2025

TS 13295
IDOT CENTRACS 209

MODEL Default
FILE Name: s:\projects\new\hwy\com\in\idodot\Documents\DOT 0 cas\BldgEl_11080_Projects\0130020\00CADD\BldgEl_11080\BldgEl_11080.dgn

USER NAME	= SalmanAhmed.Shahnawa
PLOT SCALE	= 40,0000 ' / in.
PLOT DATE	= 8/22/2025

DESIGNED	- J.LARSON
DRAWN	- J.LARSON
CHECKED	-
DATE	- 10/30/2024

REVISED	-
REVISED	-
REVISED	-
REVISED	-

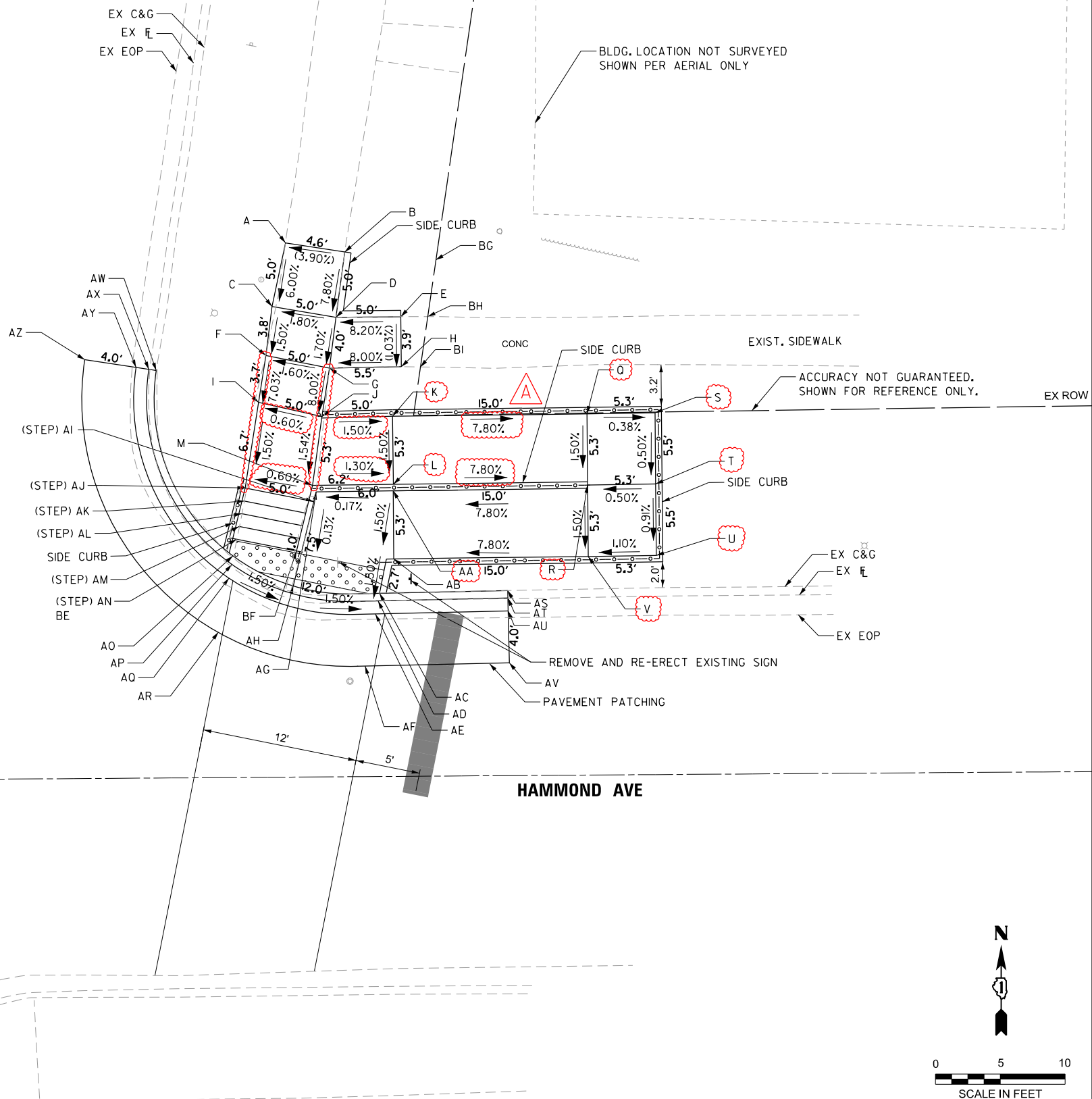
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
360	2020-007-R5&SW	KANE	83	27
CONTRACT NO. 62K78				
ILLINOIS FED. AID PROJECT				

ADA GRADING TABLE				
LEADER	STATION	OFFSET	ELEVATION	TOP OF CURB
A	I52+07.28	33.40' R	(720.85)	
B	I52+07.66	38.01' R	(721.03)	
C	I52+02.42	33.53' R	720.55	
D	I52+02.75	38.52' R	720.64	(721.08)
E	I52+03.94	43.38' R	(721.05)	
F	I51+98.74	33.97' R	720.49	
G	I51+98.96	38.97' R	720.57	
H	I52+00.33	44.33' R	(721.01)	
I	I51+95.19	33.75' R	720.23	
J	I51+95.33	39.76' R	720.26	720.26
K	I51+96.60	44.58' R	720.18	(721.07)
L	I51+91.72	45.92' R	720.10	720.27
M	I51+96.45	51.14' R	720.18	
Q	I52+00.21	59.10' R	719.01	721.07
R	I51+95.15	60.47' R	718.93	719.10

ADA GRADING TABLE				
LEADER	STATION	OFFSET	ELEVATION	TOP OF CURB
S	I52+01.46	64.19' R	718.99	721.07
T	I51+96.43	65.54' R	718.96	720.69
U	I51+91.39	66.93' R	718.91	720.30
V	I51+90.09	61.86' R	718.85	719.92
AA	I51+91.25	46.03' R	717.76	720.27
AB	I51+88.14	47.41' R	717.68	(718.86)
AC	I51+85.27	47.11' R	717.64	(717.99)
AD	I51+84.68	47.17' R	717.60	
AE	I51+83.66	47.26' R	717.64	
AF	I51+79.59	47.65' R	(717.67)	
AG	I51+89.77	40.28' R	717.75	720.18
AH	I51+83.92	40.57' R	717.74	
AI	I51+89.01	40.28' R	720.16	720.16
AJ	I51+88.71	34.45' R	720.13	720.13

ADA GRADING TABLE				
LEADER	STATION	OFFSET	ELEVATION	TOP OF CURB
AK	I51+88.17	35.10' R	719.67	719.84
AL	I51+88.13	35.18' R	719.21	719.38
AM	I51+87.13	35.27' R	718.75	718.92
AN	I51+86.14	35.37' R	718.29	718.46
AO	I51+84.80	35.49' R	717.82	
AP	I51+84.18	35.55' R	717.78	
AQ	I51+83.10	35.63' R	717.82	
AR	I51+78.85	36.05' R	(717.84)	
AS	I51+88.17	56.53' R	(717.63)	
AT	I51+87.75	56.71' R	(717.19)	
AU	I51+86.80	57.01' R	(717.18)	
AV	I51+82.99	58.24' R	(717.25)	
AW	I51+95.66	26.04' R	(718.89)	
AX	I51+95.61	25.47' R	(718.50)	
AY	I51+95.52	24.47' R	(718.50)	
AZ	I51+95.15	20.49' R	(718.53)	
BE	I51+86.14	35.37' R	717.83	718.46
BF	I51+86.58	40.04' R	717.73	718.46
BG	I52+08.63	44.98' R	(721.24)	
BH	I52+04.41	45.40' R	(721.09)	
BI	I52+00.66	45.76' R	(721.04)	



REVISD SHEET 9/9/2025

MODEL: Default
FILE NAME: c:\p\work\wbk\wbk-projects\1\ms2471162\78 - ADA Design (Serpentine).dgn



USER NAME = RyanSikes	DESIGNED - SIC	REVISED - 09/02/2025
	DRAWN - SIC	REVISED -
	CHECKED - RMS	REVISED -
PLOT DATE = 9/2/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 25 AT HAMMOND AVENUE
ADA IMPROVEMENT NE QUADRANT

SCALE: 1"=5' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
360	2020-007-RS&SW	KANE	83	34
CONTRACT NO. 62K78				
ILLINOIS FED. AID PROJECT				