

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	4TS-2	WHITE	24	1
		ILLINOIS	CONTRACT NO. 78B76	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

IL ROUTE 1 / IL ROUTE 14 TRAFFIC DATA

ADT (2025): 6,450-6,750 VPD
POSTED SPEED LIMIT: 30 MPH
CLASSIFICATION: OTHER PRINCIPAL ARTERIAL

THIS PROJECT IS LOCATED WITHIN:
THE CITY OF CARMI

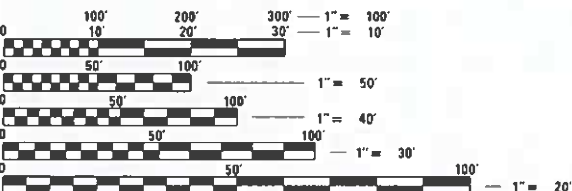


6-25-2026

P. BRIEN FUNK II
EXPIRES: 11-30-2027

iteris
ITERIS, INC.
319 W STATE STREET, SUITE 200
GENEVA, IL 60134

IL DESIGN FIRM NO: 184007145-0002



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.

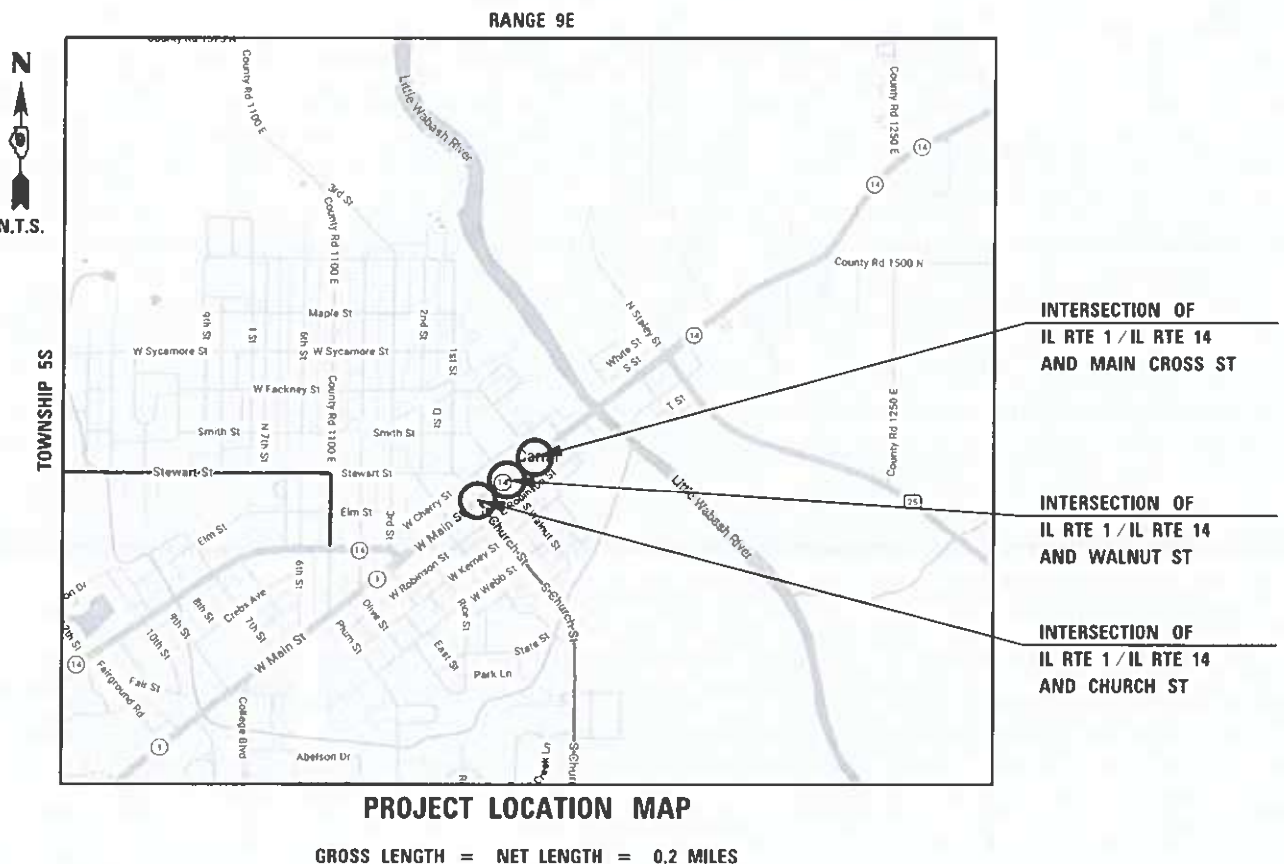
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS
1-800-892-0123
OR 811

PROJECT ENGINEER: SUSAN POE
PROJECT MANAGER: SUSAN POE

CONTRACT NO. 78B76

FAP ROUTE 332: IL ROUTE 1 / IL ROUTE 14 (MAIN STREET)
INTERSECTIONS OF MAIN CROSS STREET, WALNUT STREET,
AND CHURCH STREET
SECTION 4TS-2
ADA AND TRAFFIC SIGNAL IMPROVEMENTS
WHITE COUNTY

C-99-120-25



GROSS LENGTH = NET LENGTH = 0.2 MILES

D-99-087-25



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED July 7 2026
Carrie Nelson REGIONAL ENGINEER

August 14 2026
See E. A. Etk ENGINEER OF DESIGN AND ENVIRONMENT

August 14 2026
Quarry DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

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PLOT SCALE = 100.0000 " / in.	CHECKED -	REVISED -
PLOT DATE = 6/30/2026	DATE - 6/30/26	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNATURE SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	4TS-2	WHITE	24	2
CONTRACT NO. 78876				
ILLINOIS FED. AID PROJECT				

Prepared By: Susan Re
DISTRICT STUDIES & PLANS ENGINEER

Examined By: Nancy Lee
DISTRICT LAND ACQUISITION ENGINEER

Examined By: Carrie Nelson
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: R. Co
DISTRICT OPERATIONS ENGINEER

Examined By: Ben Smith
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: Ben Smith
DISTRICT CONSTRUCTION ENGINEER

Examined By: _____
DISTRICT MATERIALS ENGINEER

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INDEX OF SHEETS

SHT. NO.	DESCRIPTION
1	COVER SHEET
2	SIGNATURE SHEET
3	GENERAL NOTES, INDEX OF SHEETS, STATE HIGHWAY STANDARDS, AND DISTRICT DETAILS
4-5	SUMMARY OF QUANTITIES
6	SIDEWALK SCHEDULE
7	ALIGNMENT AND TIES
8-9	ADA DESIGN DETAILS AND PLAN
10-12	PAVEMENT MARKING PLANS
13-15	TRAFFIC SIGNAL MODIFICATION PLANS - IL ROUTE 1 / IL ROUTE 14 AND MAIN CROSS STREET
16-18	TRAFFIC SIGNAL MODIFICATION PLANS - IL ROUTE 1 / IL ROUTE 14 AND WALNUT STREET
19-21	TRAFFIC SIGNAL MODIFICATION PLANS - IL ROUTE 1 / IL ROUTE 14 AND CHURCH STREET
22-24	DISTRICT NINE DETAILS

STATE HIGHWAY STANDARDS

000001-09	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
424001-12	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
606001-09	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-11	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
780001-05	TYPICAL PAVEMENT MARKINGS
862001-01	UNINTERRUPTABLE POWER SUPPLY (UPS)
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
876001-04	PEDESTRIAN PUSH BUTTON POST
878001-11	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS

DISTRICT NINE DETAILS

STD 9-32	HANDHOLE AND MAST ARM GROUNDING
STD 9-35	MASTARM EXTENSION POLE
STD 9-36	PEDESTRIAN PUSH BUTTON INSTALLATION
STD 9-112	R10-3e PEDESTRIAN SIGNAL INFORMATION (COUNTDOWN)

GENERAL NOTES

1. TYPE AND SIZE OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT SHALL MATCH EXISTING AND WILL BE DETERMINED BY THE ENGINEER.
2. VIDEO DETECTION CAMERAS TO BE MOUNTED OFF TRAFFIC SIGNAL POSTS SHALL BE INSTALLED TO THE SATISFACTORY OF THE IDOT ENGINEER. VERTICAL AND/OR HORIZONTAL EXTENSION PIPES MAY BE REQUIRED TO IMPROVE VISIBILITY OF THE DETECTION ZONES. THESE ITEMS SHALL BE INCLUDED IN THE COST OF THE 'VIDEO AND RADAR HYBRID DETECTION SYSTEM'.

COMMITMENTS

NONE



USER NAME = bfunk	DESIGNED - AM	REVISED -
	DRAWN - AM	REVISED -
PLOT SCALE = 2,000 ' / in.	CHECKED - BF	REVISED -
PLOT DATE = 6/30/2026	DATE - 6/30/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES, INDEX OF SHEETS, LIST OF STATE
HIGHWAY STANDARDS, AND LIST OF DISTRICT DETAILS

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	4TS-2	WHITE	24	3
CONTRACT NO. 78B76				
		ILLINOIS	FED. AID PROJECT	

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			COUNTY :	WHITE
			ROUTE :	FAP 332 (IL 1/14)
			FUNDING :	100% STATE
			LOCATION :	URBAN
CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	
42001300	PROTECTIVE COAT	SQ YD	124	124
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	901	901
42400800	DETECTABLE WARNINGS	SQ FT	40	40
44000600	SIDEWALK REMOVAL	SQ FT	901	901
67100100	MOBILIZATION	L SUM	1	1
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	5	5
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	1	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	28
* 72000100	SIGN PANEL - TYPE 1	SQ FT	22.5	22.5
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1182	1182

* SPECIALTY ITEM

			COUNTY :	WHITE
			ROUTE :	FAP 332 (IL 1/14)
			FUNDING :	100% STATE
			LOCATION :	URBAN
CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	810	810
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	252	252
78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	1874	1874
80300100	LOCATING UNDERGROUND CABLE	FOOT	48	48
81028750	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.	FOOT	177	177
81028770	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 3" DIA.	FOOT	13	13
81028790	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 4" DIA.	FOOT	559	559
85700300	FULL-ACTUATED CONTROLLER AND TYPE V CABINET	EACH	3	3
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	2506	2506
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2576	2576
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	47	47
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1137	1137
87501400	TRAFFIC SIGNAL POST, 18 FT.	EACH	1	1
87600100	PEDESTRIAN PUSH-BUTTON POST, TYPE I	EACH	19	19
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	4	4

REV - MS



USER NAME = bfunk	DESIGNED - AM	REVISED -
	DRAWN - AM	REVISED -
PLOT SCALE = 40,000 ' / in.	CHECKED - BF	REVISED -
PLOT DATE = 7/6/2026	DATE - 7/6/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	4TS-2	WHITE	24	4
CONTRACT NO. 78B76				
		ILLINOIS	FED. AID PROJECT	

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		DRAWN	- AM	REVISED	-
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PLOT DATE	= 6/25/2026	DATE	- 6/25/2026	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK SCHEDULE

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	4TS-2	WHITE	24	6
		CONTRACT NO. 78B76		
		ILLINOIS	FED. AID PROJECT	

SIDEWALK SCHEDULE					
LOCATION STATION TO STATION				PCC SIDEWALK 4 "	DETECTABLE WARNING
				SQ FT	SQ FT
IL 1 / IL 14 (MAIN STREET) AT CHURCH STREET					
390+85	TO	391+07	LT	361	20
390+85	TO	391+20	RT	540	20
TOTALS				901	40

SIDEWALK
REMOVAL

C&G REMOVAL
AND
REPLACEMENT

PROTECTIVE
COAT

FOOT

SQ YD

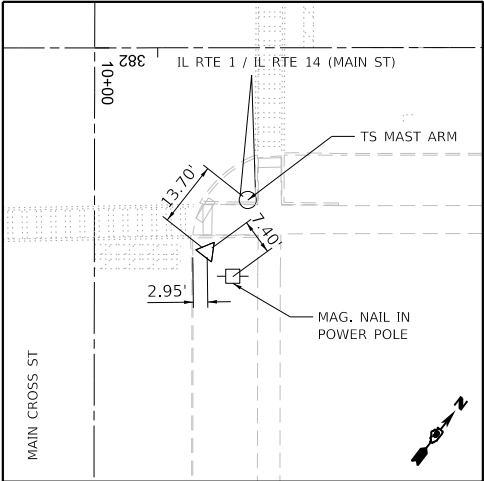
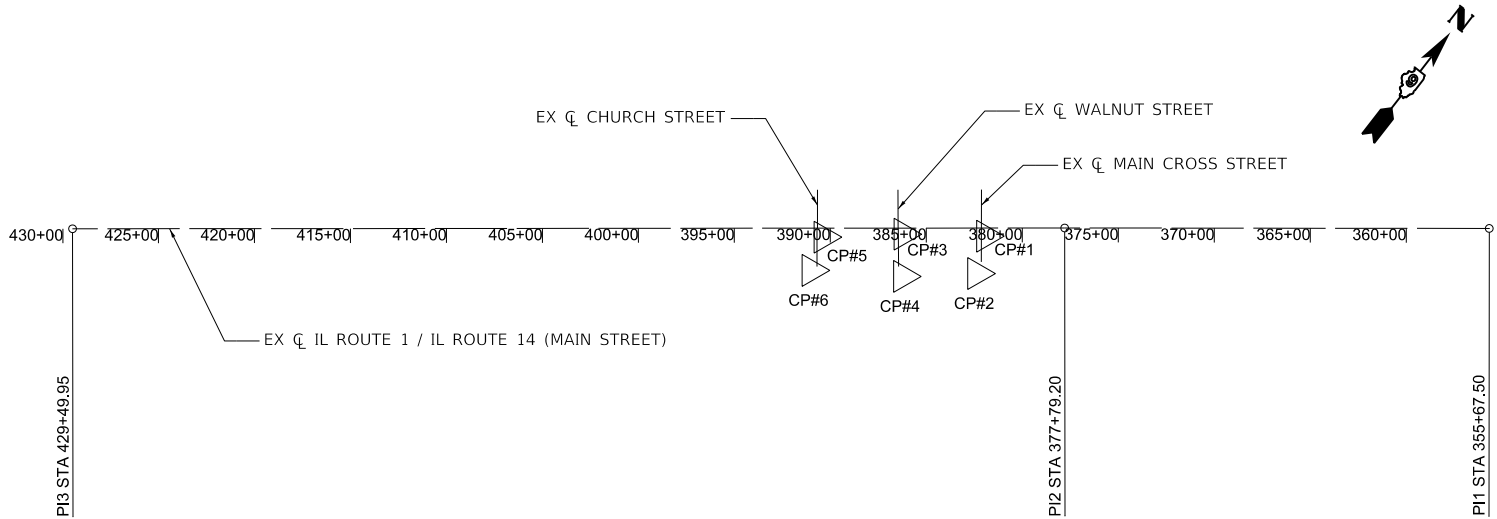
BEARINGS AND COORDINATES ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD 83.
ELEVATIONS ARE REFERENCED TO NAVD88.

	STATION	NORTHING	EASTING
PI1	355+67.50	520,213.15	1,036,572.00
PI2	377+79.20	518,860.63	1,034,822.06
PI3	429+49.95	515,692.55	1,030,739.02

CONTROL POINTS					
	STATION		NORTHING	EASTING	ELEVATION
#1	381+89.74	42.41 LT	518,575.46	1,034,523.70	392.622
#2	382+36.37	237.19 LT	518,392.98	1,034,606.26	392.066
#3	386+19.75	31.75 LT	518,320.27	1,034,177.43	390.940
#4	386+22.82	251.75 LT	518,144.58	1,034,309.87	391.519
#5	390+36.22	46.68 LT	518,053.17	1,033,857.55	389.711
#6	390+98.87	219.89 LT	517,877.92	1,033,914.23	389.519

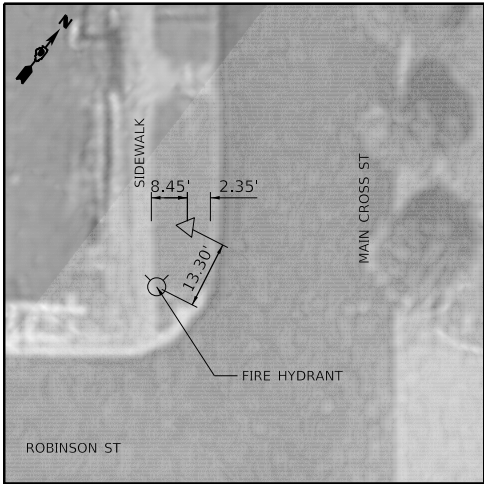
BENCHMARK

BOX CUT IN SOUTH END OF WEST PARAPET WALL OF BRIDGE (SN 097-0008) OVER LITTLE WABASH RIVER — ELEVATION: 384.678



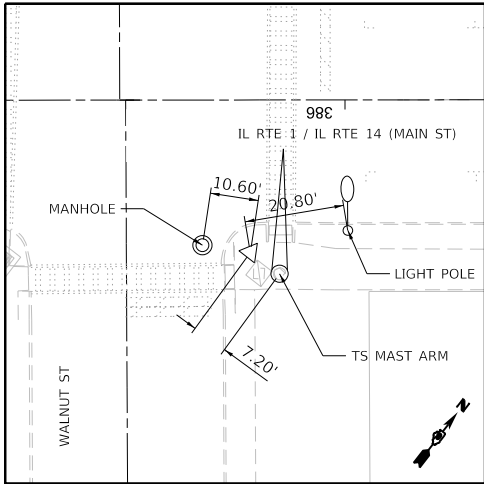
CONTROL POINT #1

IP CAP (SET) ALONG EAST SIDE OF IL 1 / IL 14
NORTH OF MAIN CROSS STREET
STA 381+89.74 42.41 LT
N.518,575.46 E.1,034,523.70



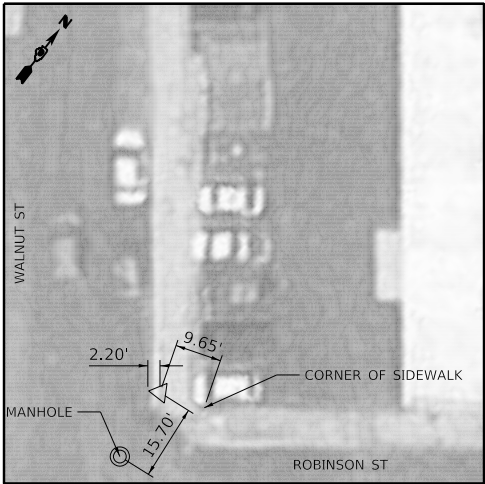
CONTROL POINT #2

IP CAP (SET) ALONG WEST SIDE OF MAIN CROSS STREET
NORTH OF ROBINSON STREET
STA 382+36.37 237.19 LT
N.518,392.98 E.1,034,606.26



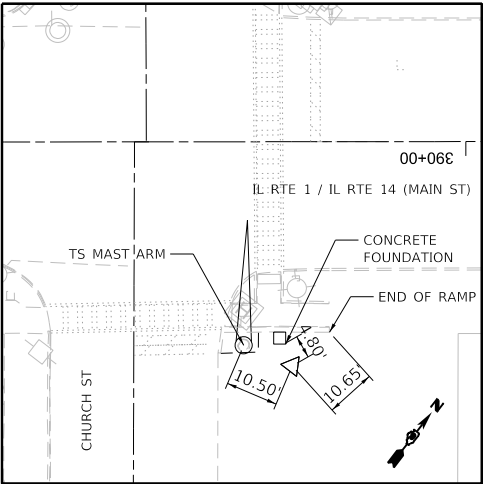
CONTROL POINT #3

MAG. NAIL (SET) ALONG EAST SIDE OF IL 1 / IL 14
NORTH OF WALNUT STREET
STA 386+19.75 31.75 LT
N.518,320.27 E.1,034,177.43



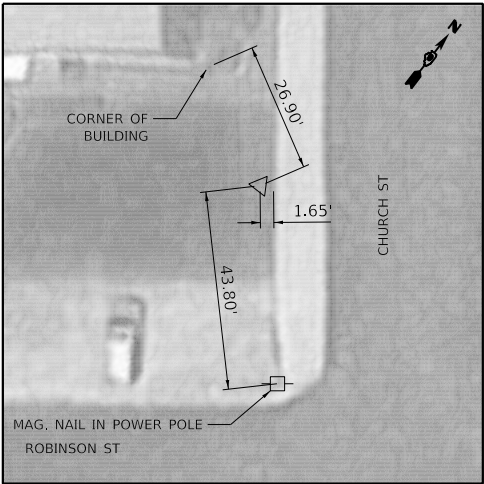
CONTROL POINT #4

MAG. NAIL (SET) ALONG EAST SIDE OF WALNUT STREET
NORTH OF ROBINSON STREET
STA 386+22.82 251.75 LT
N.518,144.58 E.1,034,309.87



CONTROL POINT #5

MAG. NAIL (SET) ALONG EAST SIDE OF IL 1 / IL 14
NORTH OF CHURCH STREET
STA 390+36.22 46.68 LT
N.518,053.17 E.1,033,857.55



CONTROL POINT #6

IP CAP (SET) ALONG WEST SIDE OF CHURCH STREET
NORTH OF ROBINSON STREET
STA 390+98.87 219.89 LT
N.517,877.92 E.1,033,914.23



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PLOT DATE = 5/14/2026	DATE - 5/14/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

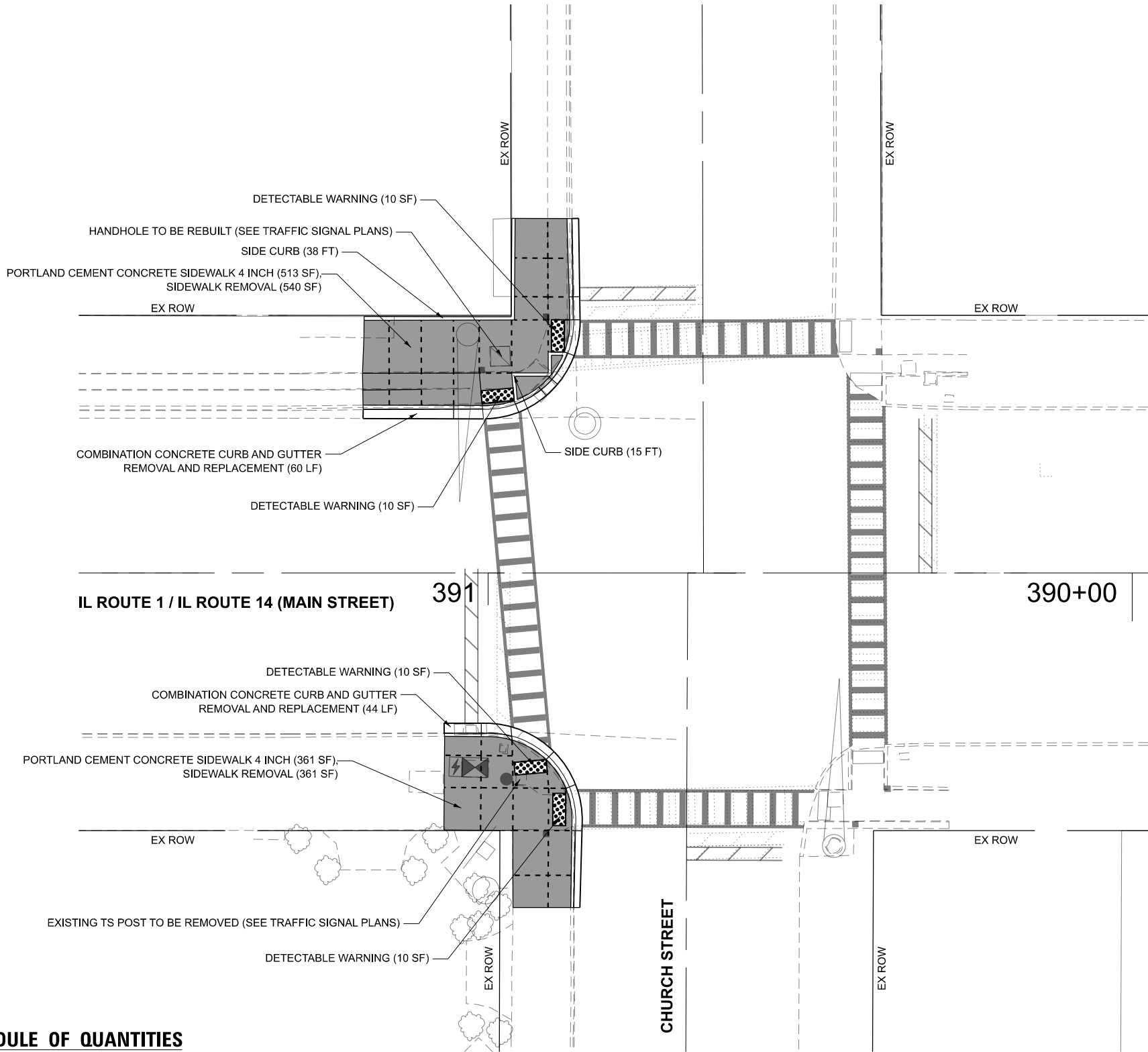
ALIGNMENT AND TIES
IL ROUTE 1 / IL ROUTE 14 (MAIN STREET)

SCALE: 1" = 500' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	4TS-2	WHITE	24	7
CONTRACT NO. 78B76				
		ILLINOIS	FED. AID PROJECT	

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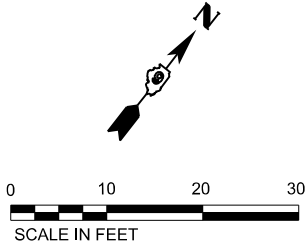
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LEGEND

PROPOSED SIDEWALK
4 INCH PCC W/ PROTECTIVE COAT

DETECTABLE WARNING



SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
PROTECTIVE COAT	SQ YD	124
PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	901
DETECTABLE WARNINGS	SQ FT	40
SIDEWALK REMOVAL	SQ FT	901
COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT GREATER THAN 10 FEET	FOOT	104

NOTES:

- PROPOSED CURB OR CURB AND GUTTER AROUND AN INTERSECTION IS TO BE INSTALLED ACCORDING TO THE EXISTING CURB RADIUS UNLESS OTHERWISE NOTED.
- SIDE CURBS ADJACENT TO CURB RAMPS SHALL BE INSTALLED AS NEEDED PER APPLICABLE IDOT HIGHWAY STANDARDS. SIDE CURBS WILL BE MEASURED AND PAID FOR AS "PCC SIDEWALK" AS DEFINED IN SECTION 424 OF THE STANDARD SPECIFICATIONS.
- PROTECTIVE COATING SHALL BE APPLIED TO ALL PROPOSED SIDEWALK AND CURB AND GUTTER.



USER NAME = amaravilas	DESIGNED - AM	REVISED -
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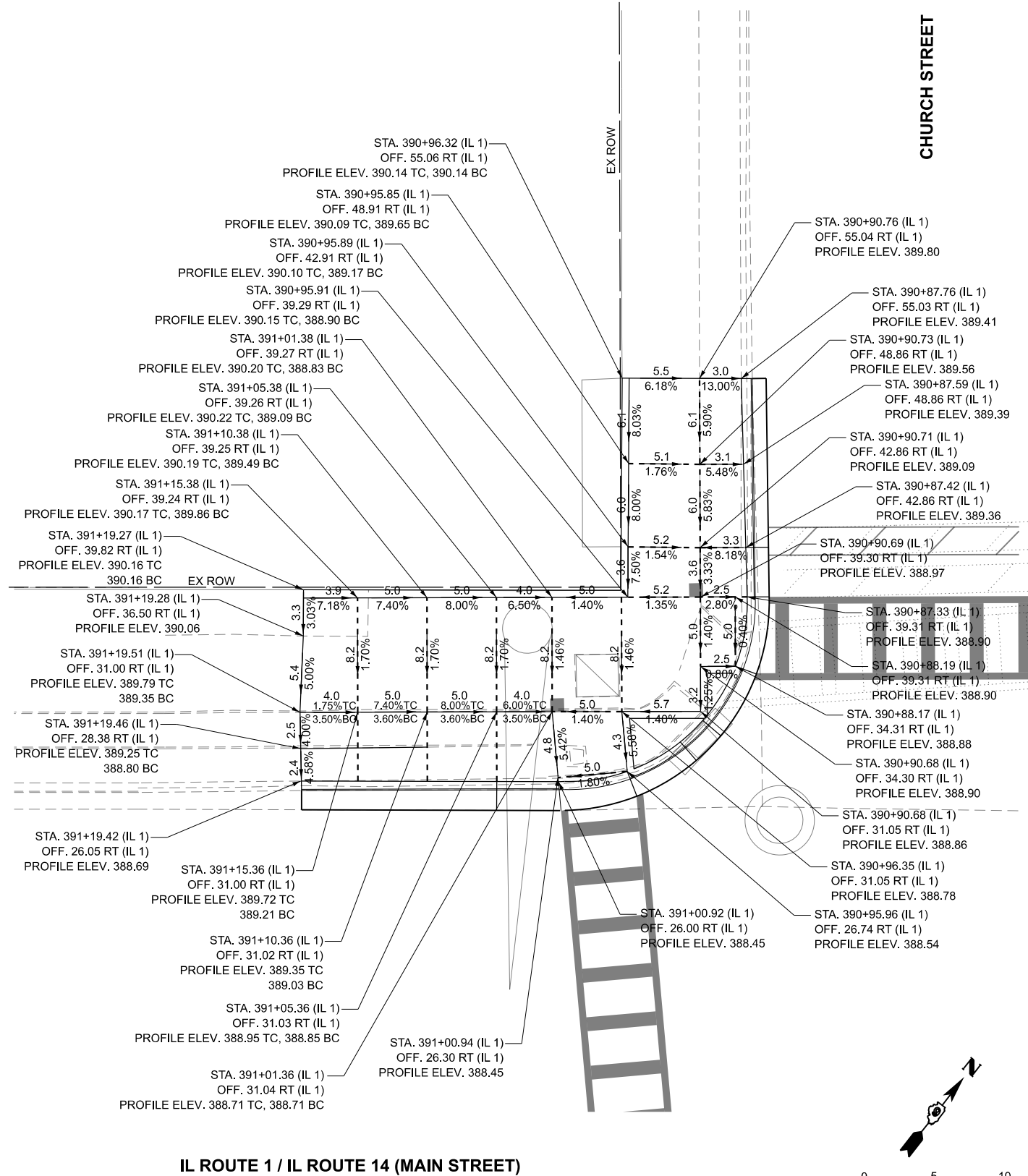
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP GENERAL PLAN
IL ROUTE 1 / IL ROUTE 14 (MAIN STREET) AND CHURCH STREET

SCALE: 1" = 10' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	4TS-2	WHITE	24	8
CONTRACT NO. 78B76				
ILLINOIS FED. AID PROJECT				

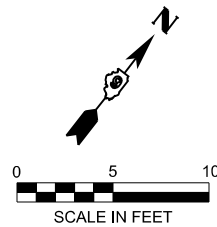
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IL ROUTE 1 / IL ROUTE 14 (MAIN STREET)

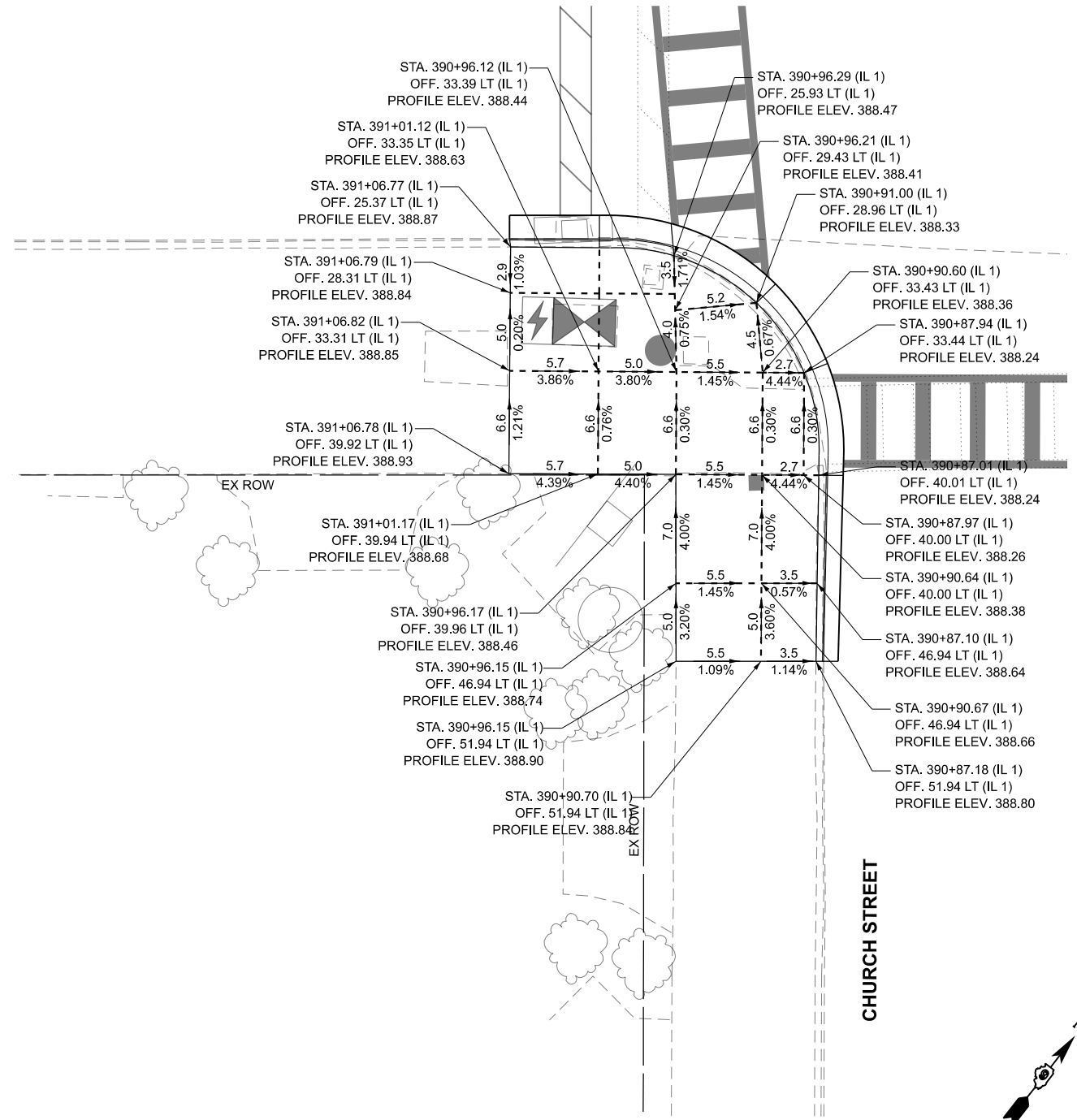
NOTES:

- SAWCUT LOCATIONS SHOWN ARE RECOMMENDED FOR PROPOSED SIDEWALK CONTROL JOINTS. THE CONTRACTOR SHALL DETERMINE AND ADJUST LOCATIONS AS NECESSARY.

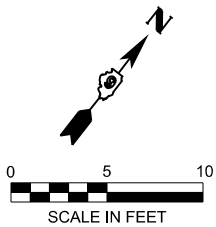


TC = TOP OF CURB
BC = BOTTOM OF CURB

IL ROUTE 1 / IL ROUTE 14 (MAIN STREET)



CHURCH STREET



iteris

USER NAME	= amaravilas
PLOT SCALE	= \$SCALE\$
PLOT DATE	= 6/25/2026

DESIGNED	- AM
DRAWN	- AM
CHECKED	- BF
DATE	- 6/25/2026

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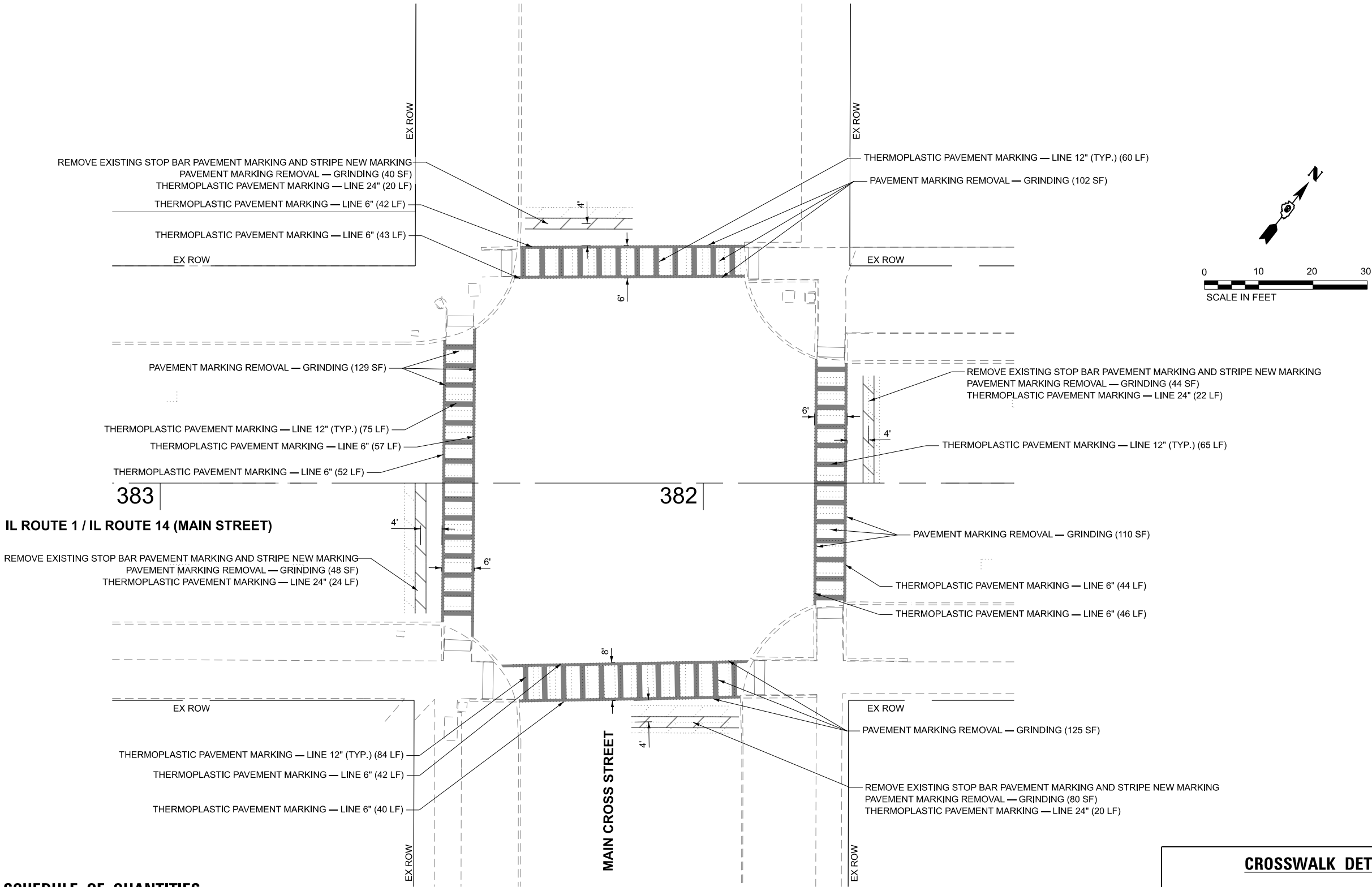
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
IL ROUTE 1 / IL ROUTE 14 (MAIN STREET) AND CHURCH STREET

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	4TS-2	WHITE	24	9
CONTRACT NO. 78B76				
ILLINOIS FED. AID PROJECT				

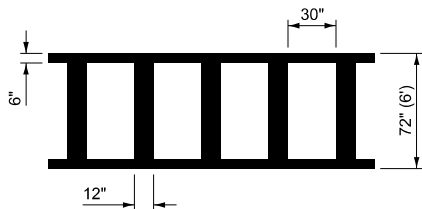
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SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
THERMOPLASTIC PAVEMENT MARKING — LINE 6"	FOOT	453
THERMOPLASTIC PAVEMENT MARKING — LINE 12"	FOOT	284
THERMOPLASTIC PAVEMENT MARKING — LINE 24"	FOOT	86
PAVEMENT MARKING REMOVAL — GRINDING	SQ FT	678

CROSSWALK DETAIL



iteris

USER NAME = amaravilas	DESIGNED - AM	REVISED -
	DRAWN - AM	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - BF	REVISED -
PLOT DATE = 6/25/2026	DATE - 6/25/2026	REVISED -

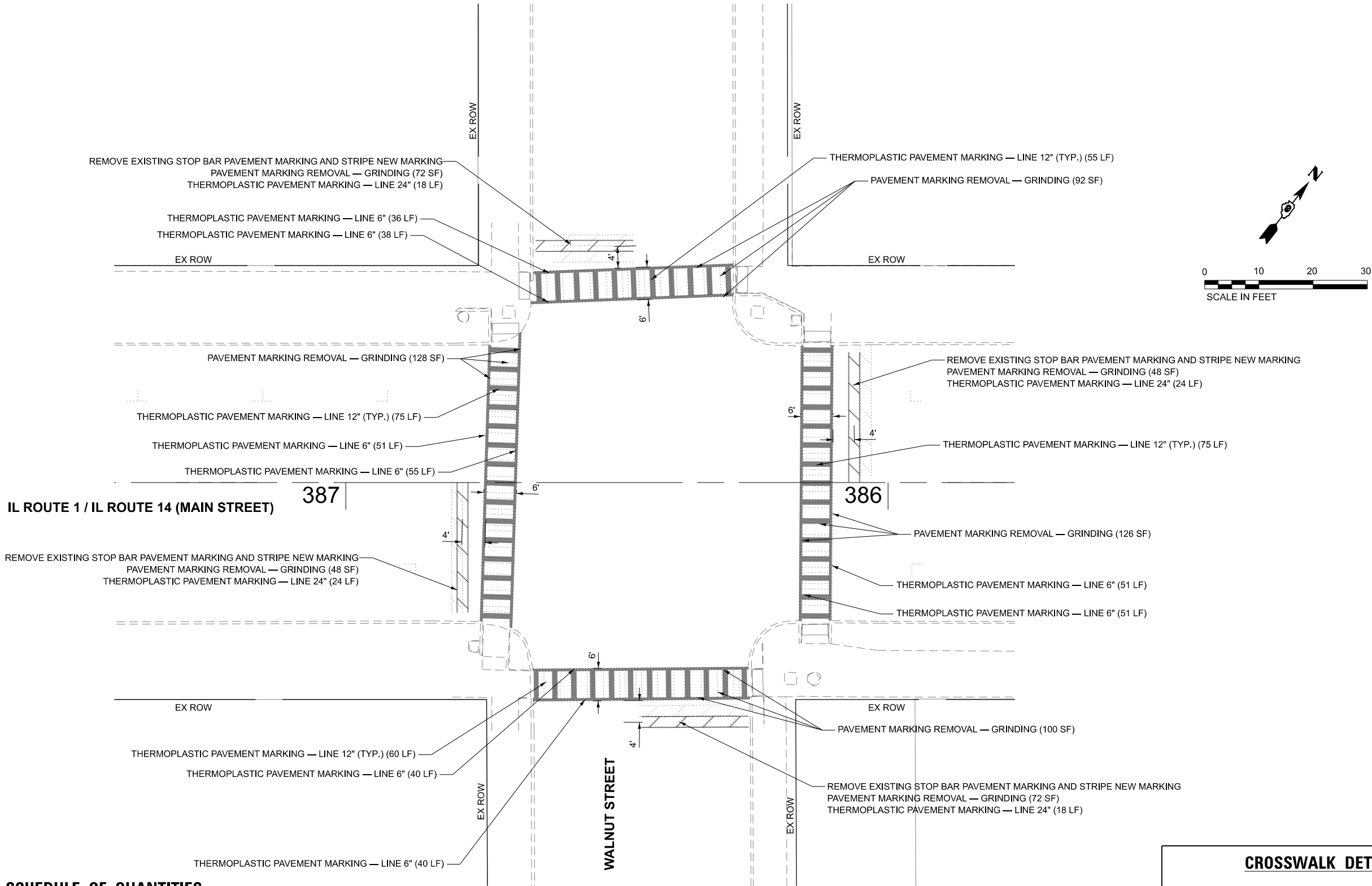
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN
IL ROUTE 1 / IL ROUTE 14 (MAIN STREET) AND MAIN CROSS STREET

SCALE: 1" = 10' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	4TS-2	WHITE	24	10
CONTRACT NO. 78B76				
ILLINOIS FED. AID PROJECT				

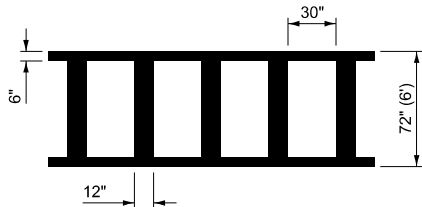
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SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
THERMOPLASTIC PAVEMENT MARKING — LINE 6"	FOOT	362
THERMOPLASTIC PAVEMENT MARKING — LINE 12"	FOOT	265
THERMOPLASTIC PAVEMENT MARKING — LINE 24"	FOOT	84
PAVEMENT MARKING REMOVAL — GRINDING	SQ FT	686

CROSSWALK DETAIL



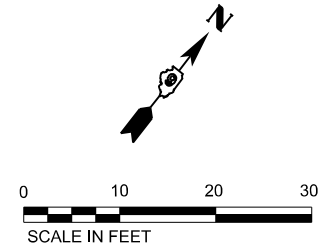
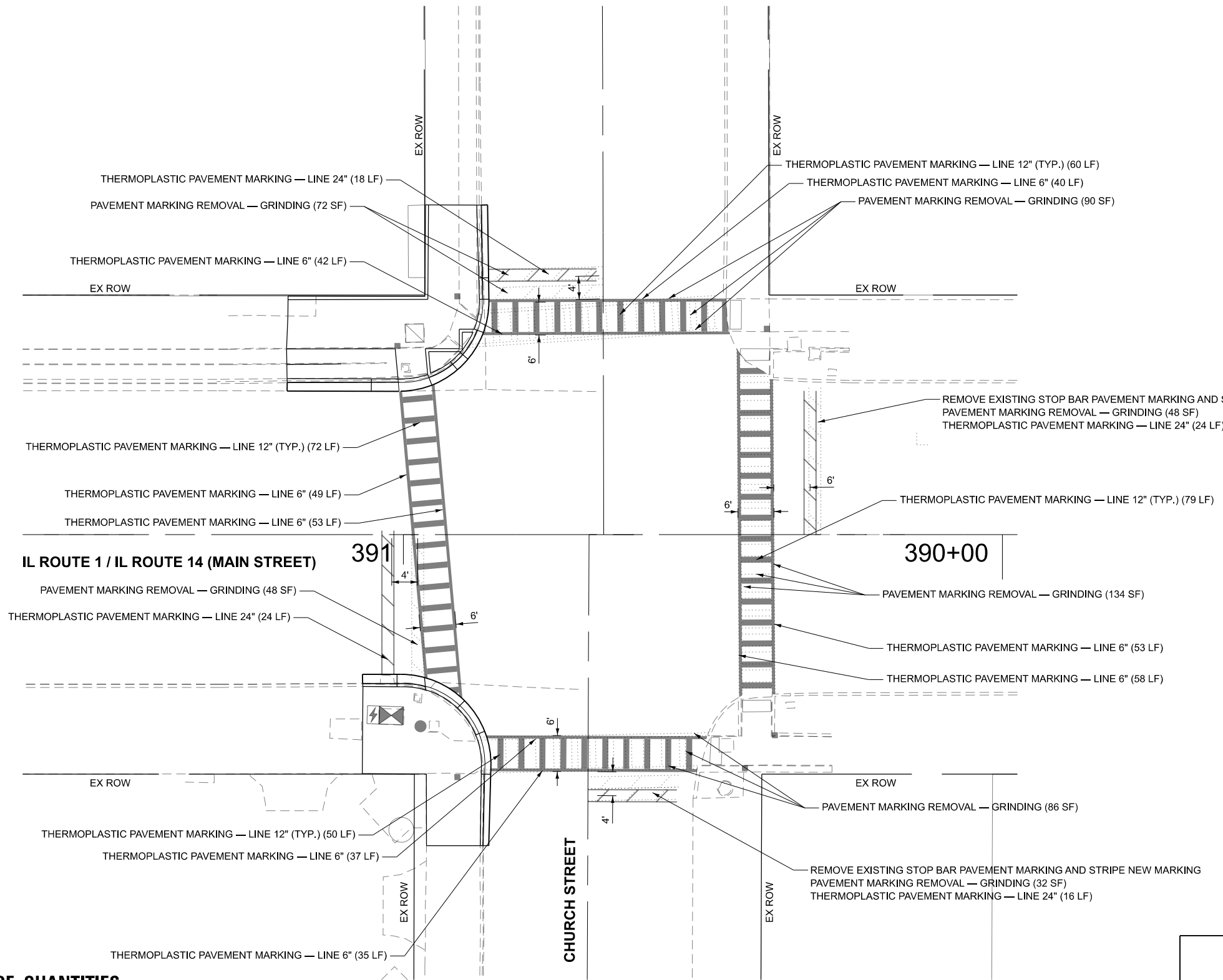
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
IL ROUTE 1 / IL ROUTE 14 (MAIN STREET) AND WALNUT STREET**

SCALE: 1" = 10' SHEET 1 OF 1 SHEETS STA. TO STA.

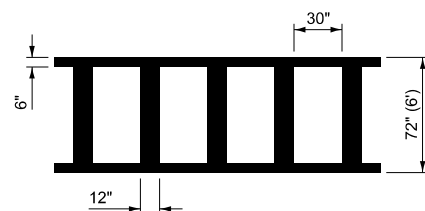
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	4TS-2	WHITE	24	11
CONTRACT NO. 78B76				
ILLINOIS FED. AID PROJECT				



SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
THERMOPLASTIC PAVEMENT MARKING — LINE 6"	FOOT	367
THERMOPLASTIC PAVEMENT MARKING — LINE 12"	FOOT	261
THERMOPLASTIC PAVEMENT MARKING — LINE 24"	FOOT	82
PAVEMENT MARKING REMOVAL — GRINDING	SQ FT	510

CROSSWALK DETAIL



USER NAME = amaravilas	DESIGNED - AM	REVISED -
	DRAWN - AM	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - BF	REVISED -
PLOT DATE = 6/25/2026	DATE - 6/25/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN
IL ROUTE 1 / IL ROUTE 14 (MAIN STREET) AND CHURCH STREET

SCALE: 1" = 10' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	4TS-2	WHITE	24	12
CONTRACT NO. 78B76				
ILLINOIS FED. AID PROJECT				

MODEL: CHURCH.PK
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REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT:

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF IDOT. THE CONTRACTOR SHALL SAFELY DELIVER THE EQUIPMENT TO THE IDOT CARBONDALE FACILITY AT THEIR EXPENSE. CONTACT IDOT ELECTRICAL MAINTENANCE FOR LOCATION AND TIME.

8	EACH	PEDESTRIAN SIGNAL HEAD
1	EACH	ETHERNET SWITCH
1	EACH	TRAFFIC SIGNAL CABINET
1	EACH	TRAFFIC SIGNAL CONTROLLER

RELOCATION OF EXISTING TRAFFIC SIGNAL EQUIPMENT:

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR, SAFELY STORED, AND RELOCATED TO THE PROPOSED TRAFFIC SIGNAL CONTROLLER CABINET. IF ANY EQUIPMENT IS DAMAGED DURING RELOCATION, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPLACE THE EQUIPMENT AT NO ADDITIONAL COST TO THE CONTRACT.

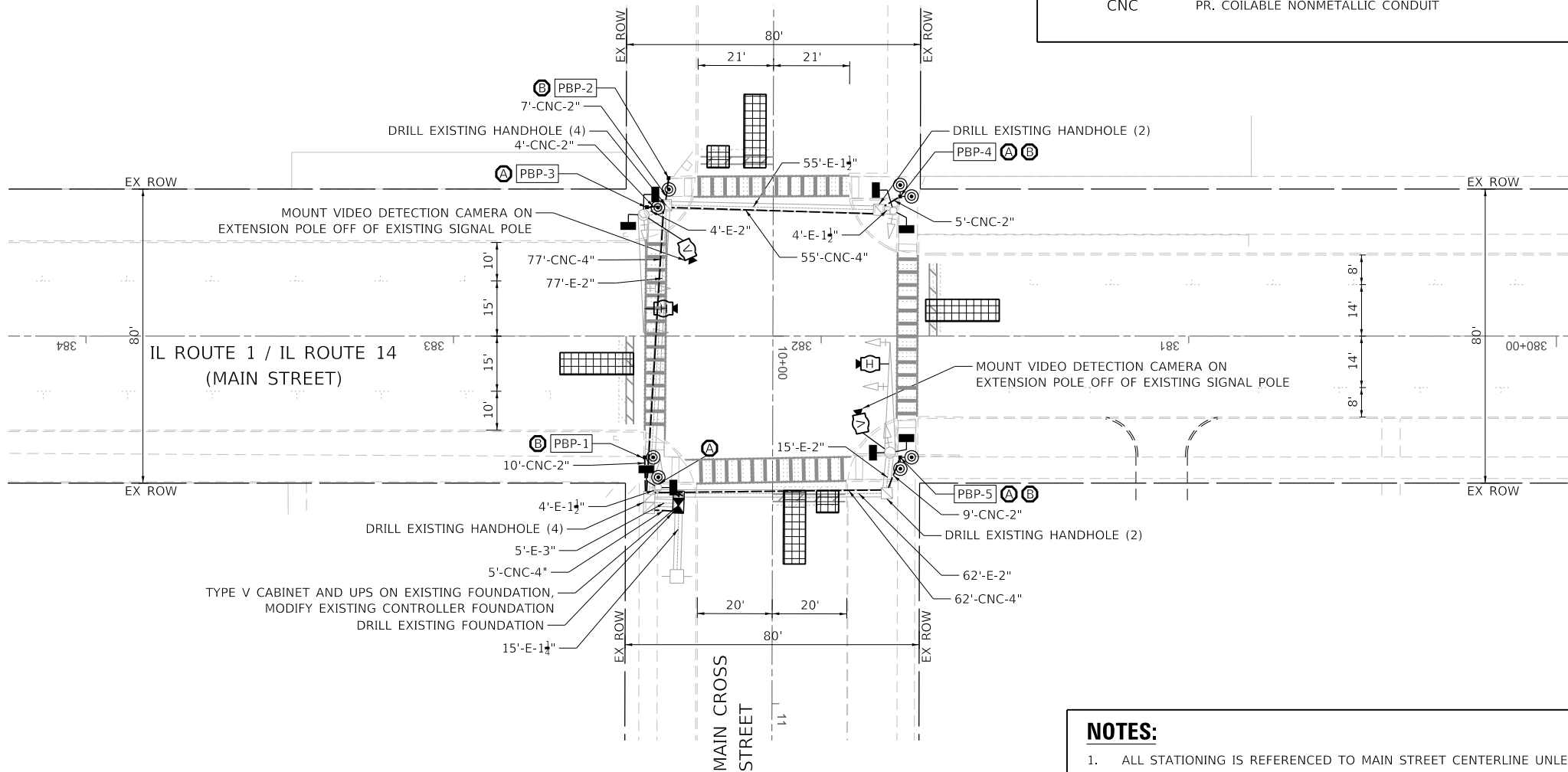
1	EACH	WIRELESS ETHERNET RADIO
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SIGNING LEGEND

	
R10-3e (L) 9" X 15"	R10-3e (R) 9" X 15"
4 REQUIRED	4 REQUIRED

TRAFFIC SIGNAL LEGEND

	EX. CONTROLLER CABINET		PR. CONTROLLER CABINET (TYPE V)
	EX. POWER POLE		PR. UNINTERRUPTED POWER SUPPLY
	EX. CONDUIT		PR. CONDUIT, SIZE SPECIFIED
	EX. HANDHOLE		PR. PEDESTRIAN PUSH-BUTTON POST
	EX. DOUBLE HANDHOLE		PR. ACCESSIBLE PEDESTRIAN SIGNAL
	EX. TRAFFIC SIGNAL MAST ARM		PR. PEDESTRIAN SIGNAL HEAD
	EX. TRAFFIC SIGNAL POST		PR. VIDEO DETECTION UNIT
	EX. SIGNAL HEAD W/ BACKPLATE		PR. HYBRID VIDEO/RADAR DETECTION UNIT
E	EX. GALVANIZED STEEL CONDUIT		PR. VIDEO/RADAR DETECTION ZONE
CNC	PR. COILABLE NONMETALLIC CONDUIT		



PROPOSED TRAFFIC SIGNAL EQUIPMENT LOCATION

STRUCTURE	STATION	OFFSET	TYPE
PBP-1	382+48.0	33' LT	PEDESTRIAN PUSH-BUTTON POST, TYPE I
PBP-2	382+41.5	43' RT	PEDESTRIAN PUSH-BUTTON POST, TYPE I
PBP-3	382+47.5	35' RT	PEDESTRIAN PUSH-BUTTON POST, TYPE I
PBP-4	381+78.5	38' RT	PEDESTRIAN PUSH-BUTTON POST, TYPE I
PBP-5	381+78.5	33' LT	PEDESTRIAN PUSH-BUTTON POST, TYPE I

NOTES:

- ALL STATIONING IS REFERENCED TO MAIN STREET CENTERLINE UNLESS OTHERWISE NOTED.
- ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.
- THE CONTRACTOR SHALL VERIFY PROPER CAMERA PLACEMENT WITH VIDEO DETECTION VENDOR PRIOR TO INSTALLATION.
- ALL PEDESTRIAN PUSH-BUTTONS SHALL BE APS.
- APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.
- EACH APS SHALL BE ACCOMPANIED BY ONE (1) R10-3e SIGN BOLTED ABOVE ON THE CORRESPONDING POST.
- THE CONCRETE FOUNDATIONS FOR THE PROPOSED PEDESTRIAN PUSH-BUTTON POSTS SHALL BE INCLUDED IN THE COST OF THE POSTS.
- ALL EXISTING PEDESTRIAN SIGNAL HEADS TO BE REPLACED.
- WHERE TWO APS BUTTONS ARE INSTALLED ON THE SAME POST, APS EXTENSION BRACKETS SHALL BE USED TO ALLOW FOR PROPER MOUNTING.

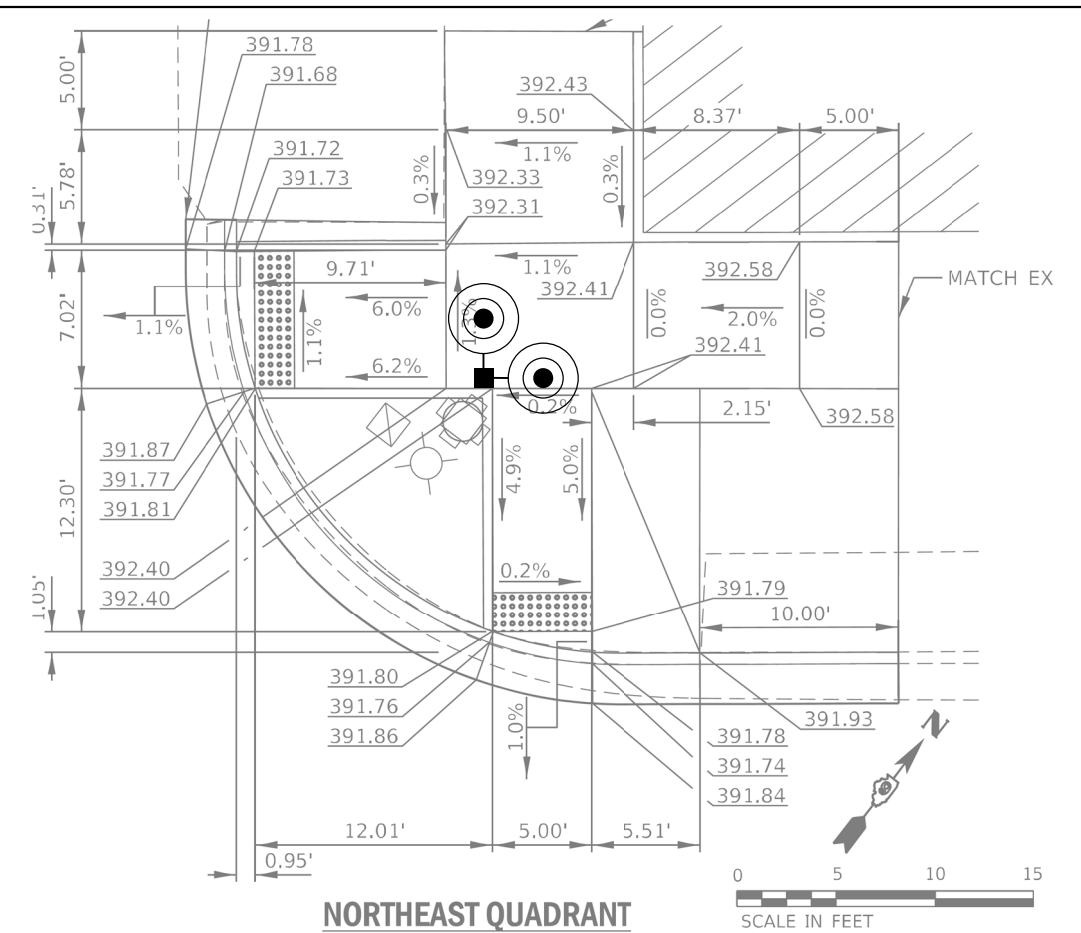
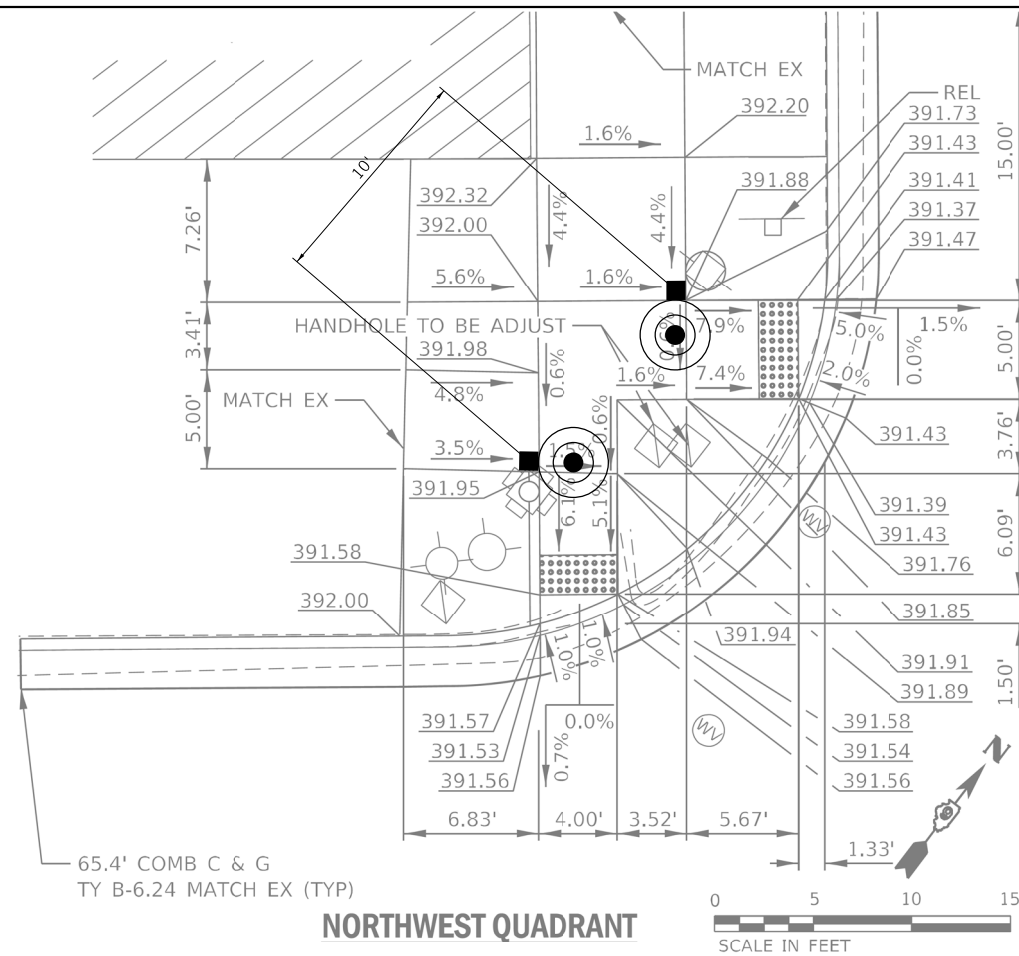


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	DRAWN - AM	REVISED -
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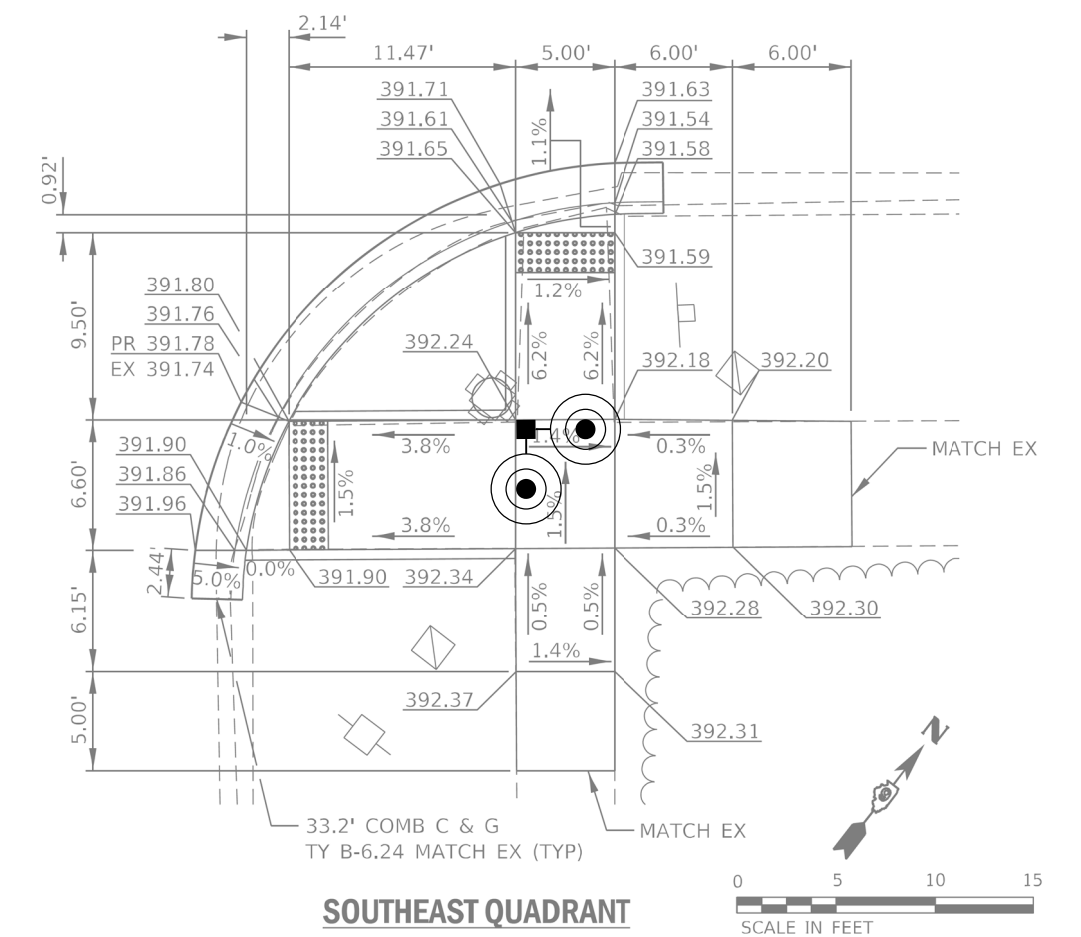
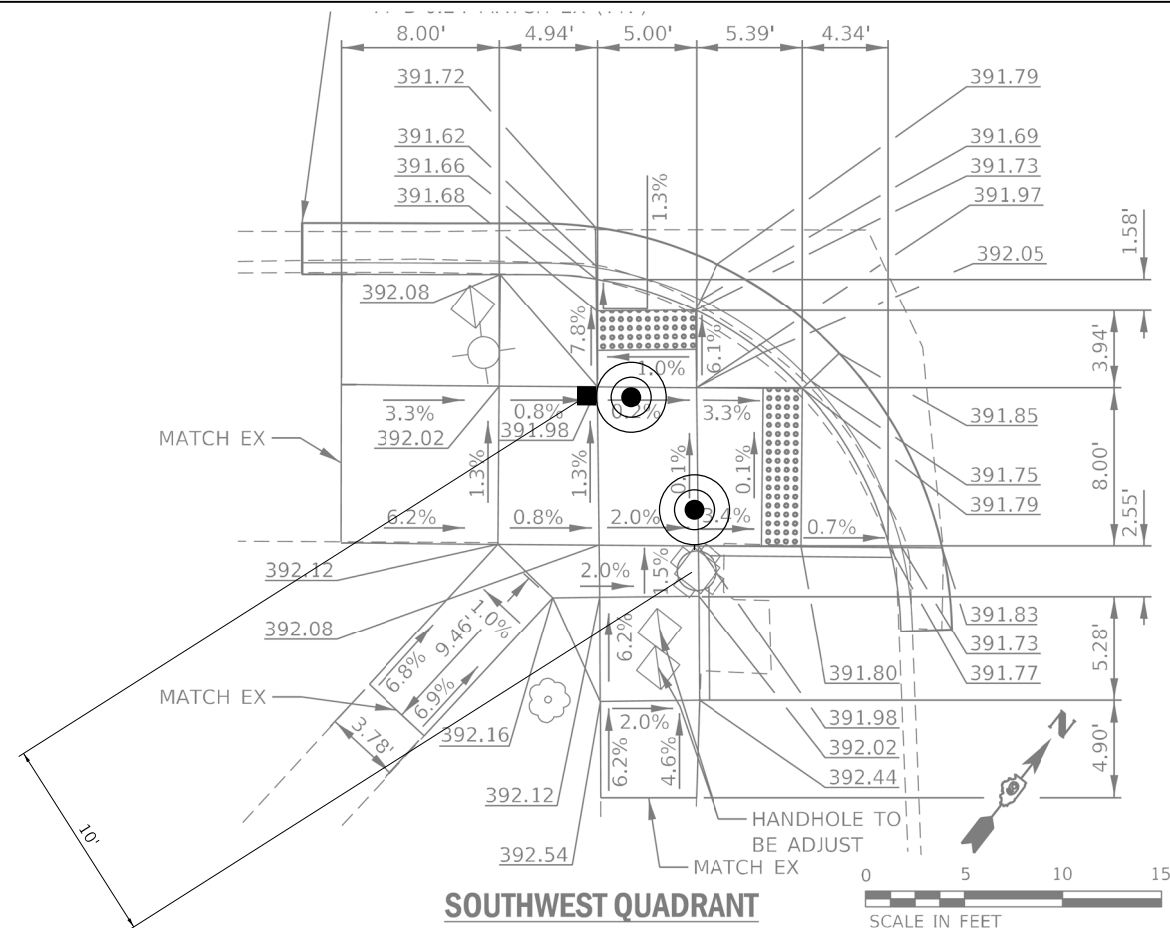
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODIFICATION PLAN			
IL ROUTE 1 / IL ROUTE 14 (MAIN STREET) AND MAIN CROSS STREET			
SCALE: 1" = 20'	SHEET 1	OF 2 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	4TS-2	WHITE	24	13
CONTRACT NO. 78B76				
ILLINOIS FED. AID PROJECT				



FOR REFERENCE ONLY



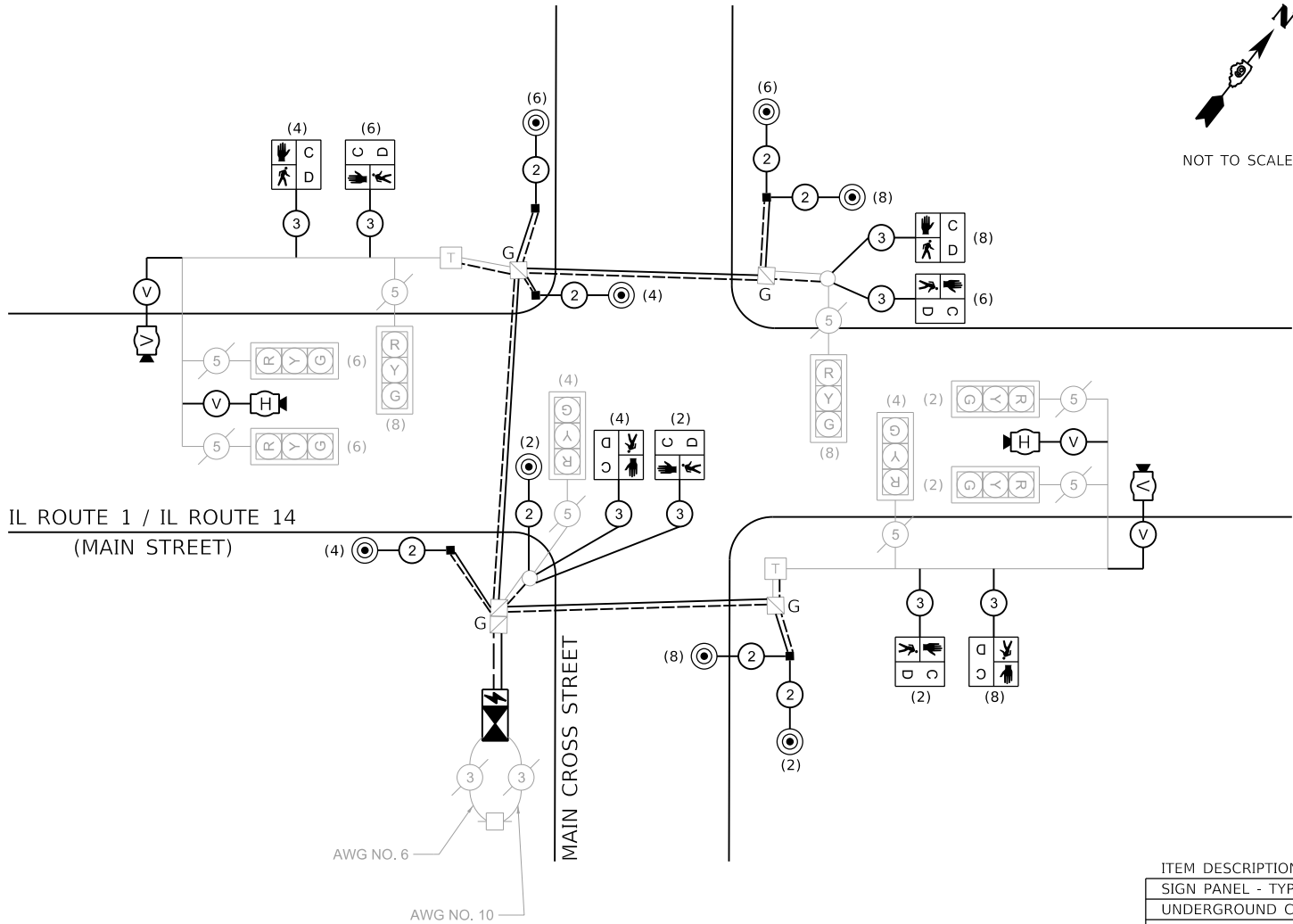
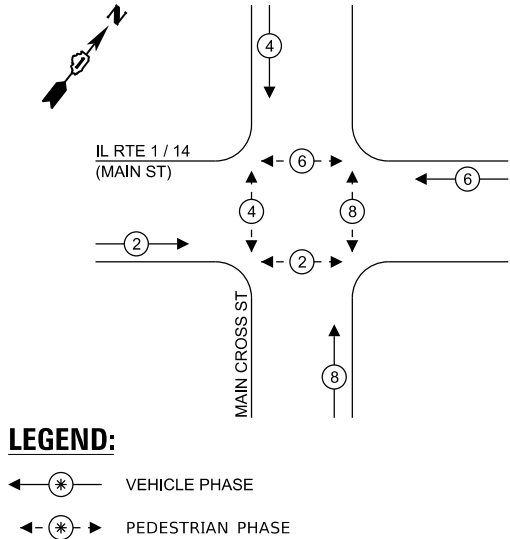
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PLOT DATE = 5/14/2026	DATE - 5/14/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC SIGNAL MODIFICATION PLAN
IL ROUTE 1 /IL ROUTE 14 (MAIN STREET) AND MAIN CROSS STREET

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	4TS-2	WHITE	24	14
		CONTRACT NO. 78B76		
ILLINOIS		FED. AID PROJECT		

EXISTING AND PROPOSED
CONTROLLER SEQUENCE



LEGEND	
	EX. HANDHOLE
	EX. DOUBLE HANDHOLE
	EX. POWER POLE
	EX. CABLE, AWG NO. 14 (UNLESS OTHERWISE NOTED)
	PR. GROUND ROD, 8" COPPER CLAD (IN HANDHOLE)
	PR. CONTROLLER CABINET (TYPE V)
	PR. UNINTERRUPTED POWER SUPPLY
	PR. CABLE, AWG NO. 14 (UNLESS OTHERWISE NOTED)
	PR. EQUIPMENT GROUNDING CONDUCTOR, AWG NO. 6 1C
	INDICATES NUMBER OF CONDUCTORS IN THAT CABLE
	VENDOR CABLE
	INDICATES PHASE ASSIGNMENT
	INDICATES TERMINAL BLOCK IN MAST ARM POLE BASE
	PR. VIDEO DETECTION UNIT
	PR. HYBRID VIDEO/RADAR DETECTION UNIT
	PR. ACCESSIBLE PEDESTRIAN PUSH BUTTON
	PR. PEDESTRIAN SIGNAL HEAD W/ COUNTDOWN TIMER
	EX. SIGNAL HEAD W/ RETROREFLECTIVE BACKPLATE

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
SIGN PANEL - TYPE 1	SQ FT	7.5
UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.	FOOT	50
UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 4" DIA.	FOOT	202
FULL-ACTUATED CONTROLLER AND TYPE V CABINET	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	891
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	924
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	381
PEDESTRIAN PUSH-BUTTON POST, TYPE 1	EACH	5
DRILL EXISTING FOUNDATION	EACH	1
DRILL EXISTING HANDHOLE	EACH	12
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
MODIFY EXISTING CONTROLLER FOUNDATION	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	318
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
ETHERNET SWITCH	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
VIDEO AND RADAR HYBRID DETECTION SYSTEM	EACH	1
GROUND ROD, 8", COPPER CLAD	EACH	4
TRAFFIC SIGNAL BATTERY BACKUP SYSTEM	EACH	1

NOTES:

- THE PROPOSED AWG NO. 6 EQUIPMENT GROUNDING CONDUCTOR SHALL BE BONDED TO EACH HANDHOLE, MAST ARM, AND TRAFFIC SIGNAL POST.



USER NAME	= amaravillas	DESIGNED	- AM	REVISED	-
		DRAWN	- AM	REVISED	-
PLOT SCALE	= 40.000 ' / in.	CHECKED	- BF	REVISED	-
PLOT DATE	= 6/25/2026	DATE	- 6/25/2026	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL CABLE PLAN AND SCHEDULE OF QUANTITIES
IL ROUTE 1 / IL ROUTE 14 (MAIN STREET) AND MAIN CROSS STREET

SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	4TS-2	WHITE	24	15
CONTRACT NO. 78B76				
ILLINOIS FED. AID PROJECT				

REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT:

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF IDOT. THE CONTRACTOR SHALL SAFELY DELIVER THE EQUIPMENT TO THE IDOT CARBONDALE FACILITY AT THEIR EXPENSE. CONTACT IDOT ELECTRICAL MAINTENANCE FOR LOCATION AND TIME.

8	EACH	PEDESTRIAN SIGNAL HEAD
1	EACH	ETHERNET SWITCH
1	EACH	TRAFFIC SIGNAL CABINET
1	EACH	TRAFFIC SIGNAL CONTROLLER

RELOCATION OF EXISTING TRAFFIC SIGNAL EQUIPMENT:

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR, SAFELY STORED, AND RELOCATED TO THE PROPOSED TRAFFIC SIGNAL CONTROLLER CABINET. IF ANY EQUIPMENT IS DAMAGED DURING RELOCATION, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPLACE THE EQUIPMENT AT NO ADDITIONAL COST TO THE CONTRACT.

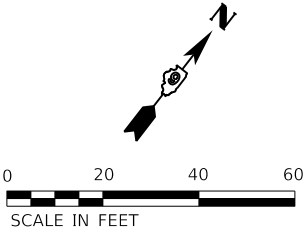
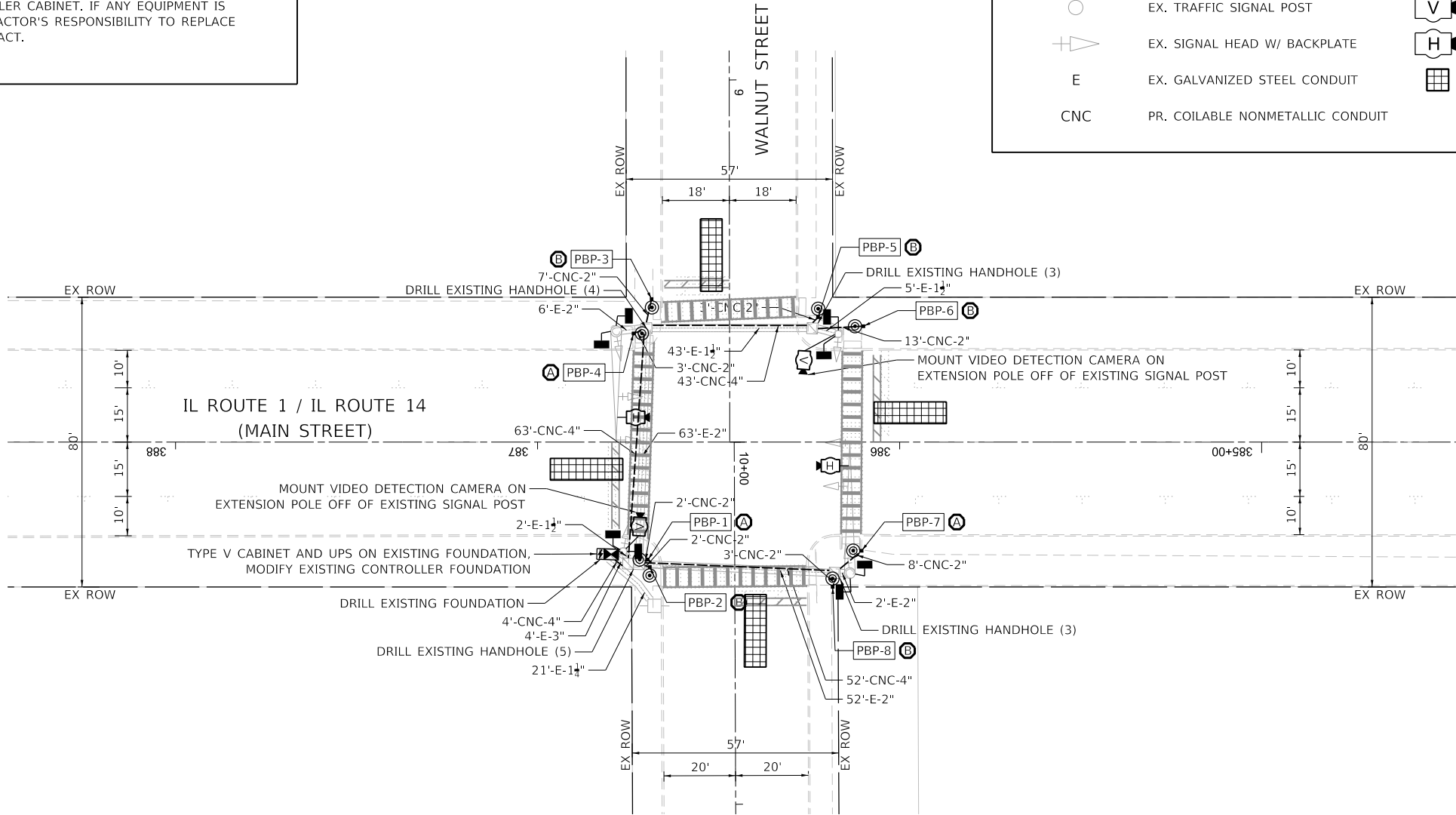
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SIGNING LEGEND

	
R10-3e (L) 9" X 15" 3 REQUIRED	R10-3e (R) 9" X 15" 5 REQUIRED

TRAFFIC SIGNAL LEGEND

	EX. CONTROLLER CABINET		PR. CONTROLLER CABINET (TYPE V)
	EX. POWER POLE		PR. UNINTERRUPTED POWER SUPPLY
	EX. CONDUIT		PR. CONDUIT, SIZE SPECIFIED
	EX. HANDHOLE		PR. PEDESTRIAN PUSH-BUTTON POST
	EX. DOUBLE HANDHOLE		PR. ACCESSIBLE PEDESTRIAN SIGNAL
	EX. TRAFFIC SIGNAL MAST ARM		PR. PEDESTRIAN SIGNAL HEAD
	EX. TRAFFIC SIGNAL POST		PR. VIDEO DETECTION UNIT
	EX. SIGNAL HEAD W/ BACKPLATE		PR. HYBRID VIDEO/RADAR DETECTION UNIT
E	EX. GALVANIZED STEEL CONDUIT		PR. VIDEO/RADAR DETECTION ZONE
CNC	PR. COILABLE NONMETALLIC CONDUIT		



PROPOSED TRAFFIC SIGNAL EQUIPMENT LOCATION

STRUCTURE	STATION	OFFSET	TYPE
PBP-1	386+69.5	32.5' LT	PEDESTRIAN PUSH-BUTTON POST, TYPE I
PBP-2	386+69.0	34.5' LT	PEDESTRIAN PUSH-BUTTON POST, TYPE I
PBP-3	386+68.5	39.5' RT	PEDESTRIAN PUSH-BUTTON POST, TYPE I
PBP-4	386+73.5	30.0' RT	PEDESTRIAN PUSH-BUTTON POST, TYPE I
PBP-5	386+22.5	34.5' RT	PEDESTRIAN PUSH-BUTTON POST, TYPE I
PBP-6	386+10.0	32.0' RT	PEDESTRIAN PUSH-BUTTON POST, TYPE I
PBP-7	386+10.5	30.0' LT	PEDESTRIAN PUSH-BUTTON POST, TYPE I
PBP-8	386+18.5	40.0' LT	PEDESTRIAN PUSH-BUTTON POST, TYPE I

NOTES:

- ALL STATIONING IS REFERENCED TO MAIN STREET CENTERLINE UNLESS OTHERWISE NOTED.
- ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.
- THE CONTRACTOR SHALL VERIFY PROPER CAMERA PLACEMENT WITH VIDEO DETECTION VENDOR PRIOR TO INSTALLATION.
- ALL PEDESTRIAN PUSH-BUTTONS SHALL BE APS.
- APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.
- EACH APS SHALL BE ACCOMPANIED BY ONE (1) R10-3e SIGN BOLTED ABOVE ON THE CORRESPONDING POST.
- THE CONCRETE FOUNDATIONS FOR THE PROPOSED PEDESTRIAN PUSH-BUTTON POSTS SHALL BE INCLUDED IN THE COST OF THE POSTS.
- ALL EXISTING PEDESTRIAN SIGNAL HEADS TO BE REPLACED.



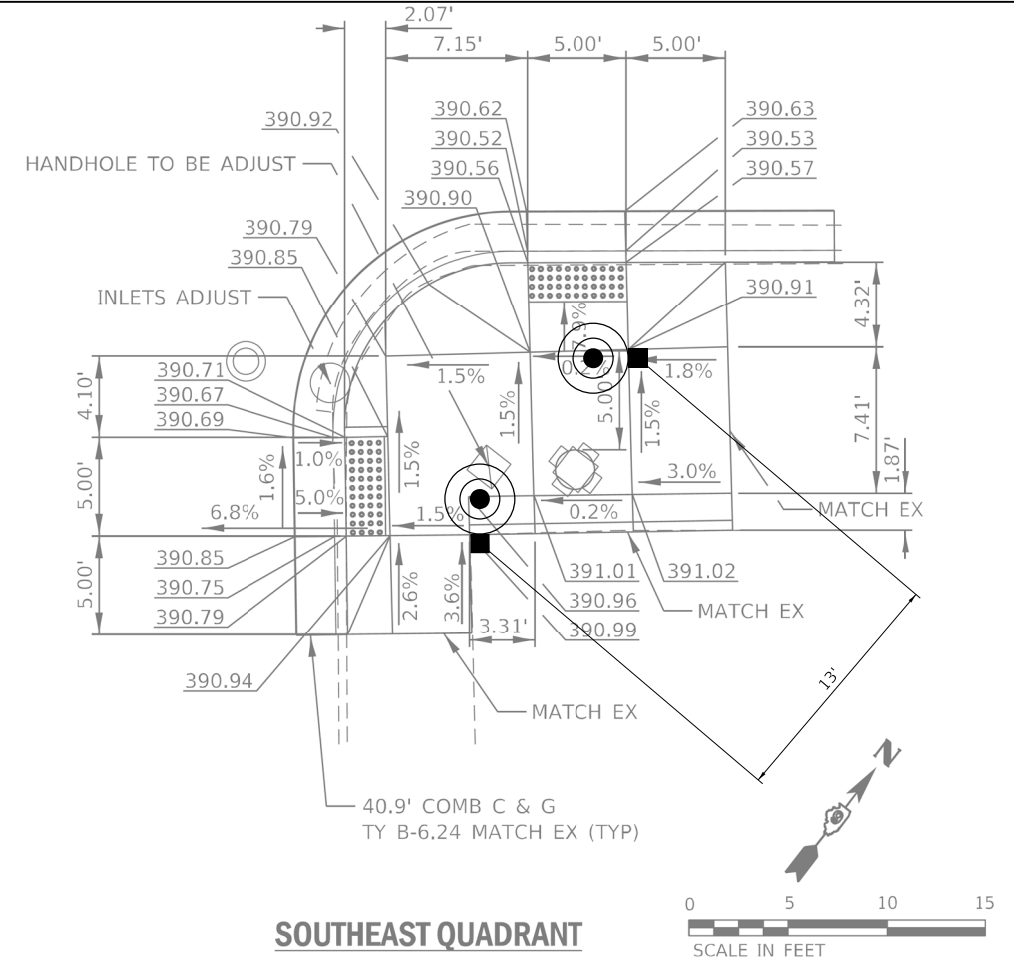
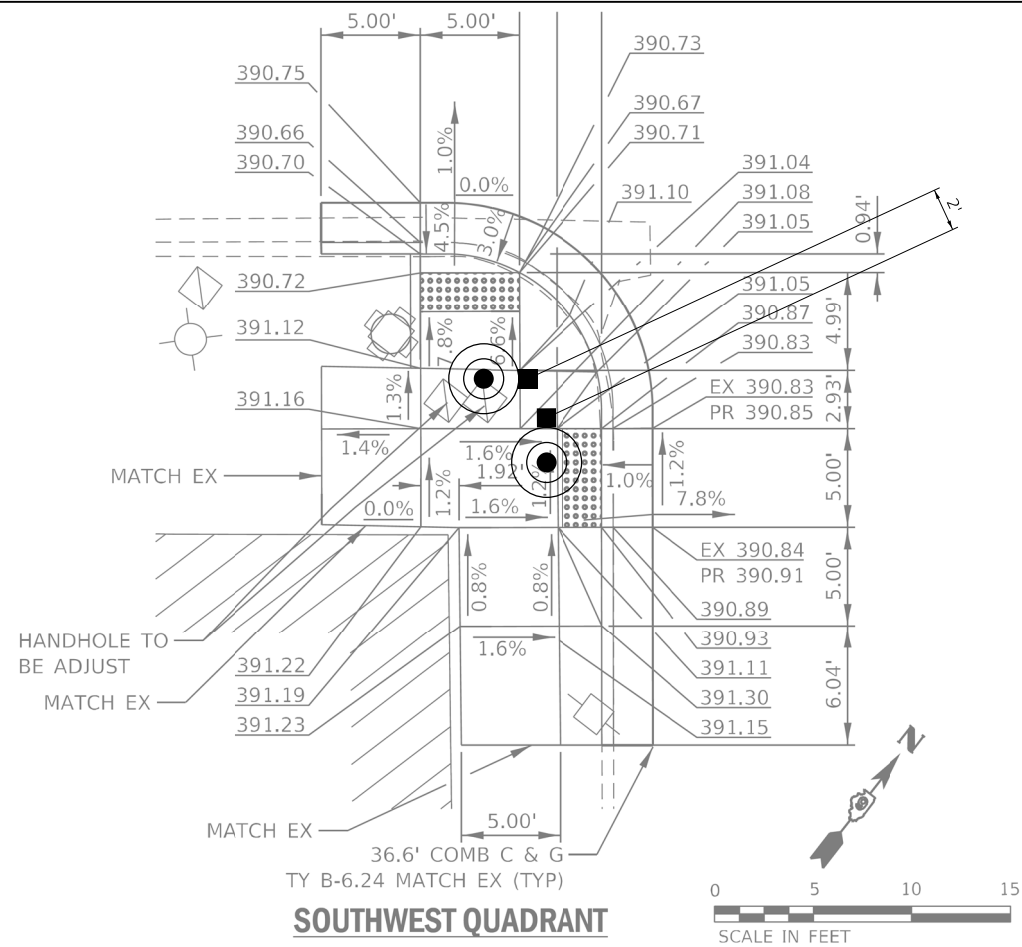
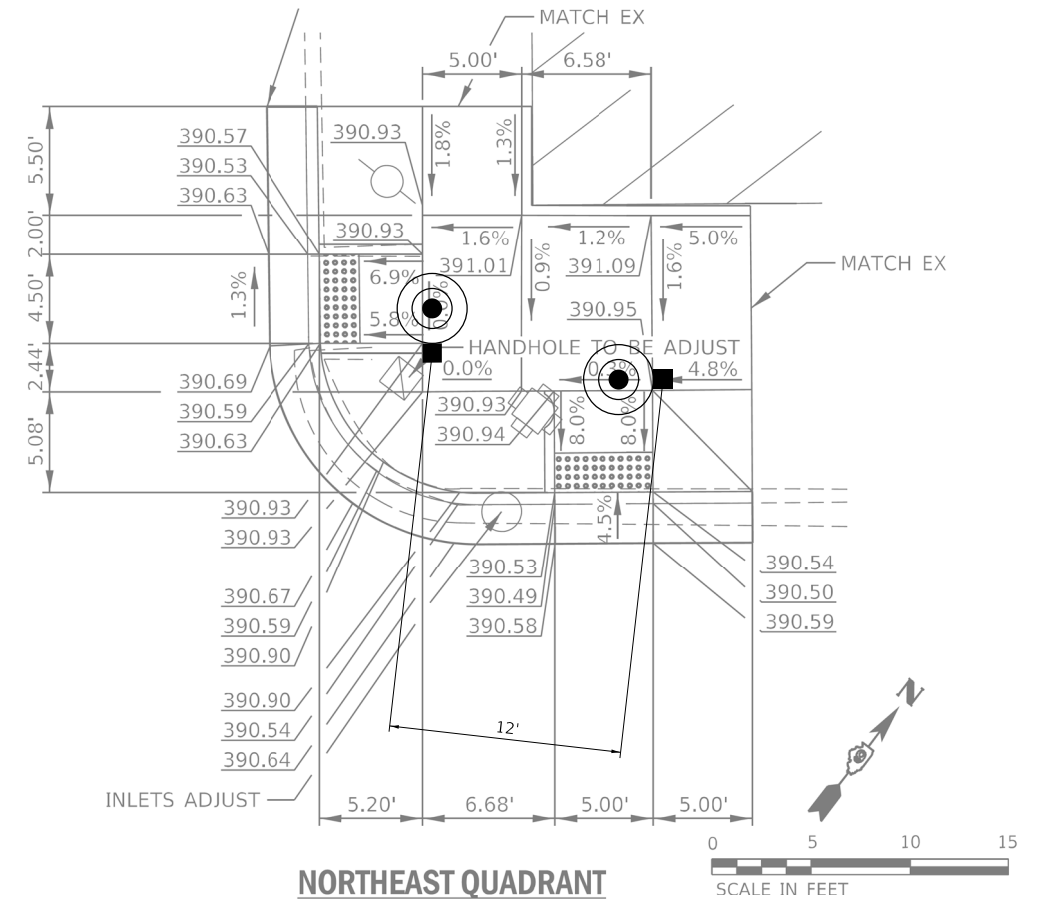
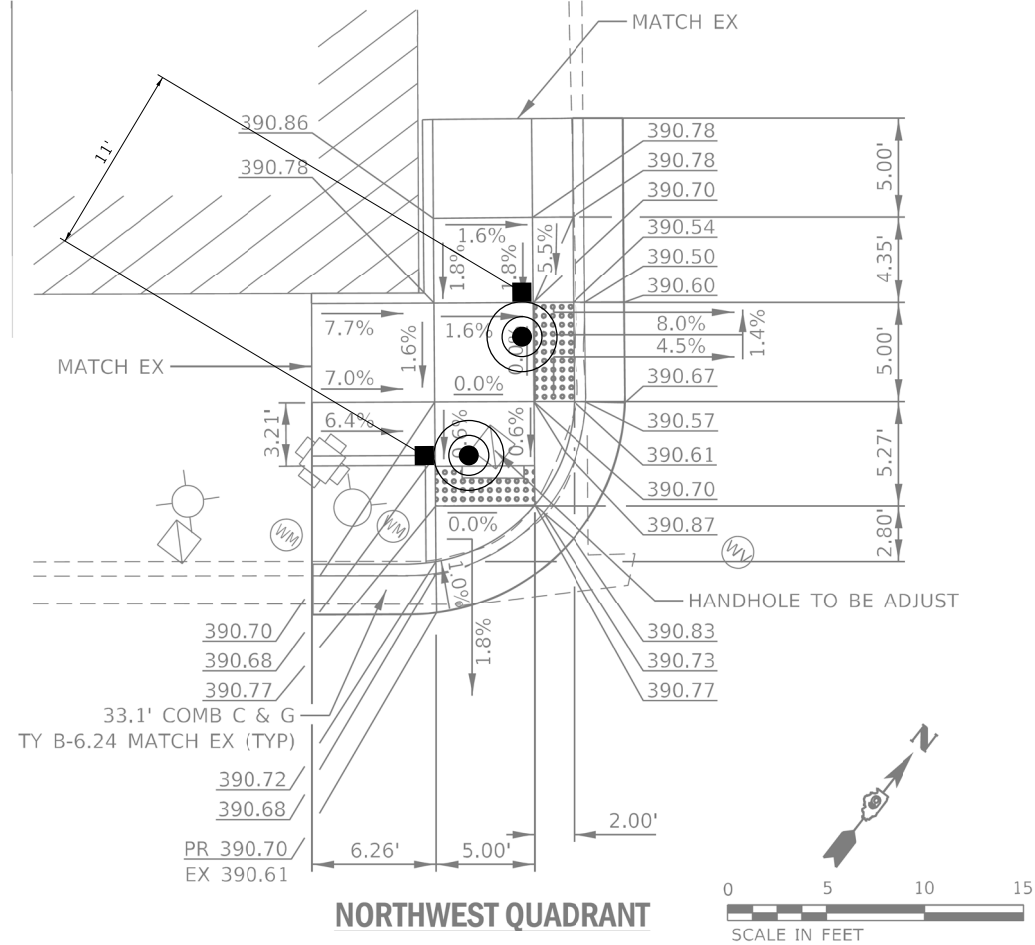
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	DRAWN - AM	REVISED -
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PLOT DATE = 6/25/2026	DATE - 6/25/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODIFICATION PLAN
IL ROUTE 1 / IL ROUTE 14 (MAIN STREET) AND WALNUT STREET

SCALE: 1" = 20' SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	4TS-2	WHITE	24	16
CONTRACT NO. 78B76				
ILLINOIS FED. AID PROJECT				



FOR REFERENCE ONLY

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PLOT DATE = 5/14/2026	DATE - 5/14/2026	REVISED -

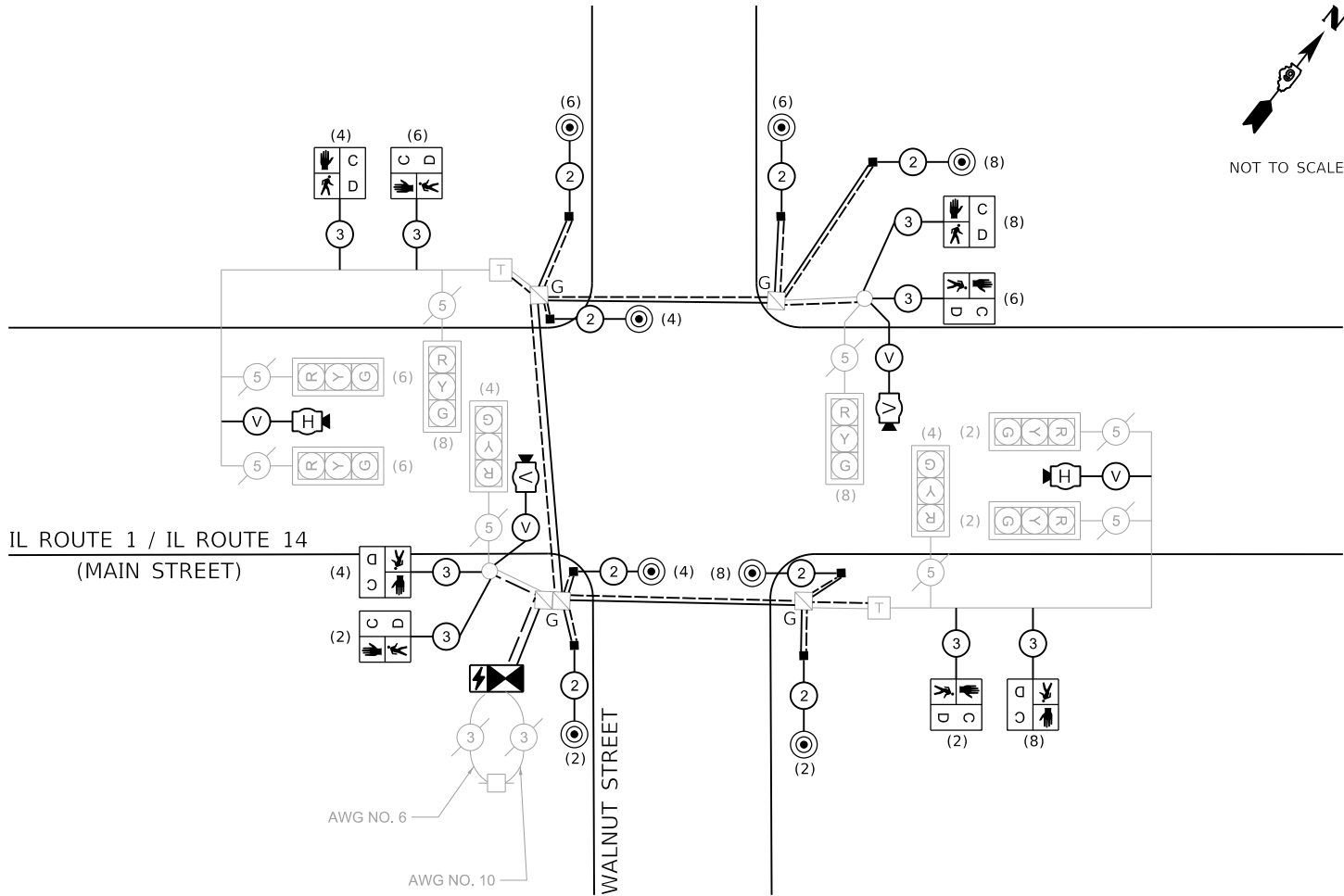
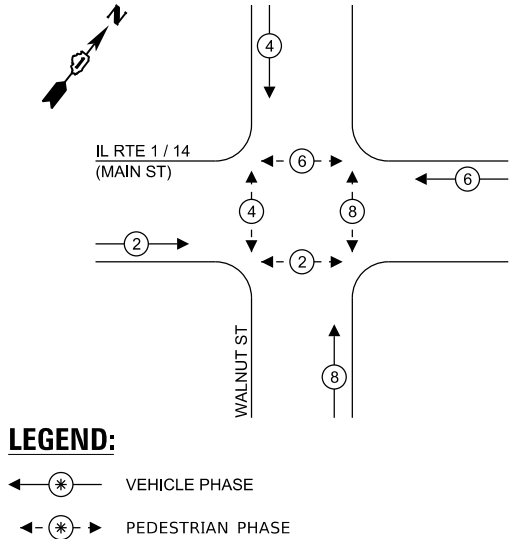
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODIFICATION PLAN
IL ROUTE 1 / IL ROUTE 14 (MAIN STREET) AND WALNUT STREET

SCALE: 1" = 5' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	4TS-2	WHITE	24	17
CONTRACT NO. 78B76				
ILLINOIS FED. AID PROJECT				

EXISTING AND PROPOSED
CONTROLLER SEQUENCE



SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
SIGN PANEL - TYPE 1	SQ FT	7.5
UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.	FOOT	65
UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 4" DIA.	FOOT	165
FULL-ACTUATED CONTROLLER AND TYPE V CABINET	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	771
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	792
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	371
PEDESTRIAN PUSH-BUTTON POST, TYPE I	EACH	8
DRILL EXISTING FOUNDATION	EACH	1
DRILL EXISTING HANDHOLE	EACH	15
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
MODIFY EXISTING CONTROLLER FOUNDATION	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	255
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
ETHERNET SWITCH	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
VIDEO AND RADAR HYBRID DETECTION SYSTEM	EACH	1
GROUND ROD, 8", COPPER CLAD	EACH	4
TRAFFIC SIGNAL BATTERY BACKUP SYSTEM	EACH	1

NOTES:

- THE PROPOSED AWG NO. 6 EQUIPMENT GROUNDING CONDUCTOR SHALL BE BONDED TO EACH HANDHOLE, MAST ARM, AND TRAFFIC SIGNAL POST.



USER NAME	= amaravillas	DESIGNED	- AM	REVISED	-
		DRAWN	- AM	REVISED	-
PLOT SCALE	= 40.000 ' / in.	CHECKED	- BF	REVISED	-
PLOT DATE	= 6/25/2026	DATE	- 6/25/2026	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL CABLE PLAN AND SCHEDULE OF QUANTITIES
IL ROUTE 1 / IL ROUTE 14 (MAIN STREET) AND WALNUT STREET

SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	4TS-2	WHITE	24	18
CONTRACT NO. 78B76				
ILLINOIS FED. AID PROJECT				

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF IDOT. THE CONTRACTOR SHALL SAFELY DELIVER THE EQUIPMENT TO THE IDOT CARBONDALE FACILITY AT THEIR EXPENSE. CONTACT IDOT ELECTRICAL MAINTENANCE FOR LOCATION AND TIME.

1	EACH	SIGNAL HEAD
1	EACH	TRAFFIC SIGNAL BACKPLATE
1	EACH	TRAFFIC SIGNAL POST
8	EACH	PEDESTRIAN SIGNAL HEAD
1	EACH	ETHERNET SWITCH
1	EACH	TRAFFIC SIGNAL CABINET
1	EACH	TRAFFIC SIGNAL CONTROLLER

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR, SAFELY STORED, AND RELOCATED TO THE PROPOSED TRAFFIC SIGNAL CONTROLLER CABINET. IF ANY EQUIPMENT IS DAMAGED DURING RELOCATION, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPLACE THE EQUIPMENT AT NO ADDITIONAL COST TO THE CONTRACT.

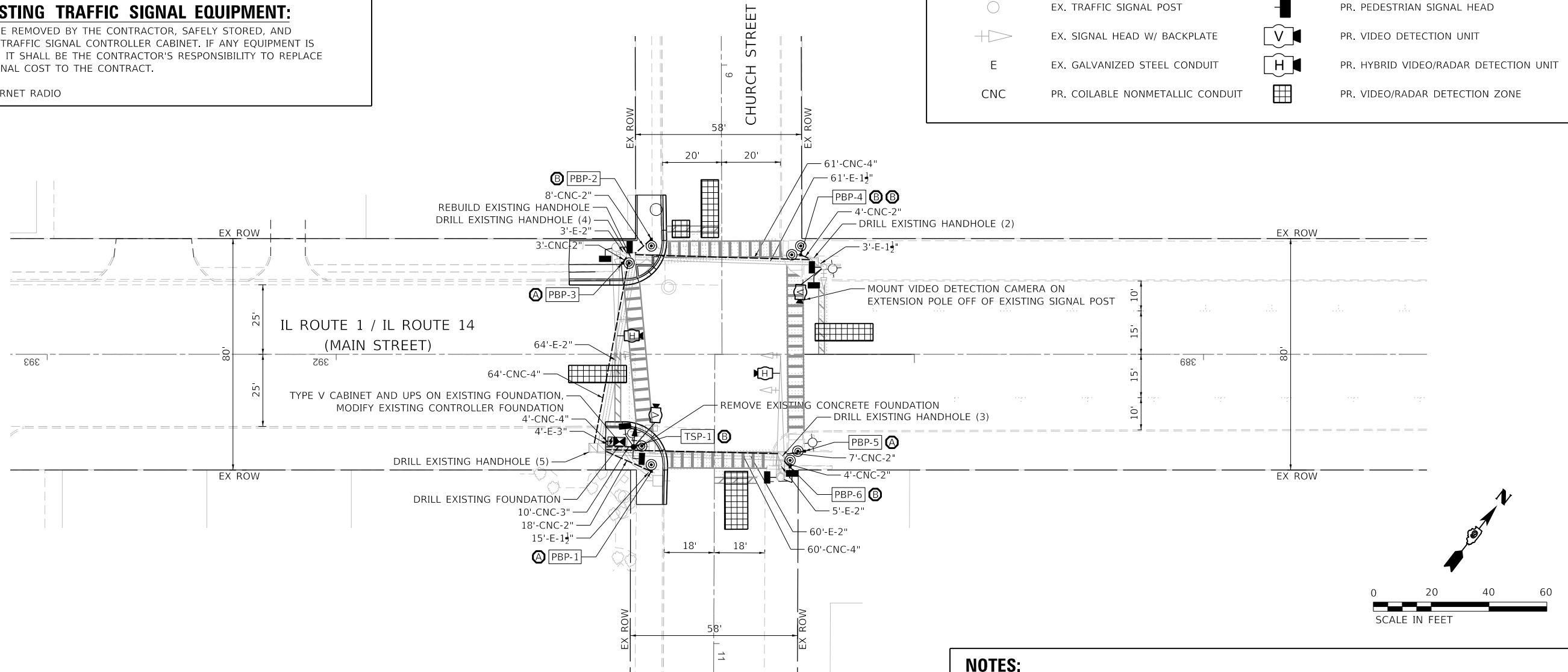
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(A)

R10-3e (L)
9" X 15"
REQUIRED

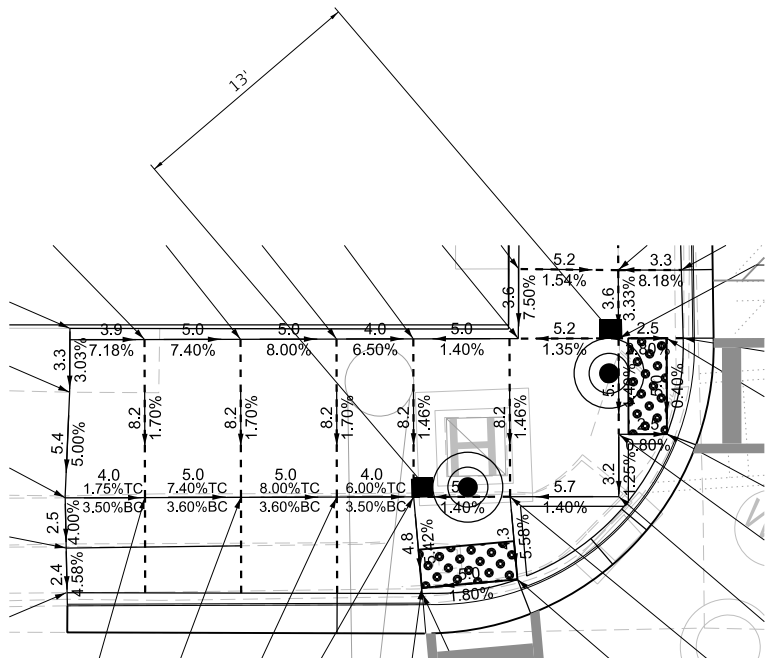
(B)

R10-3e (R)
9" X 15"
REQUIRED

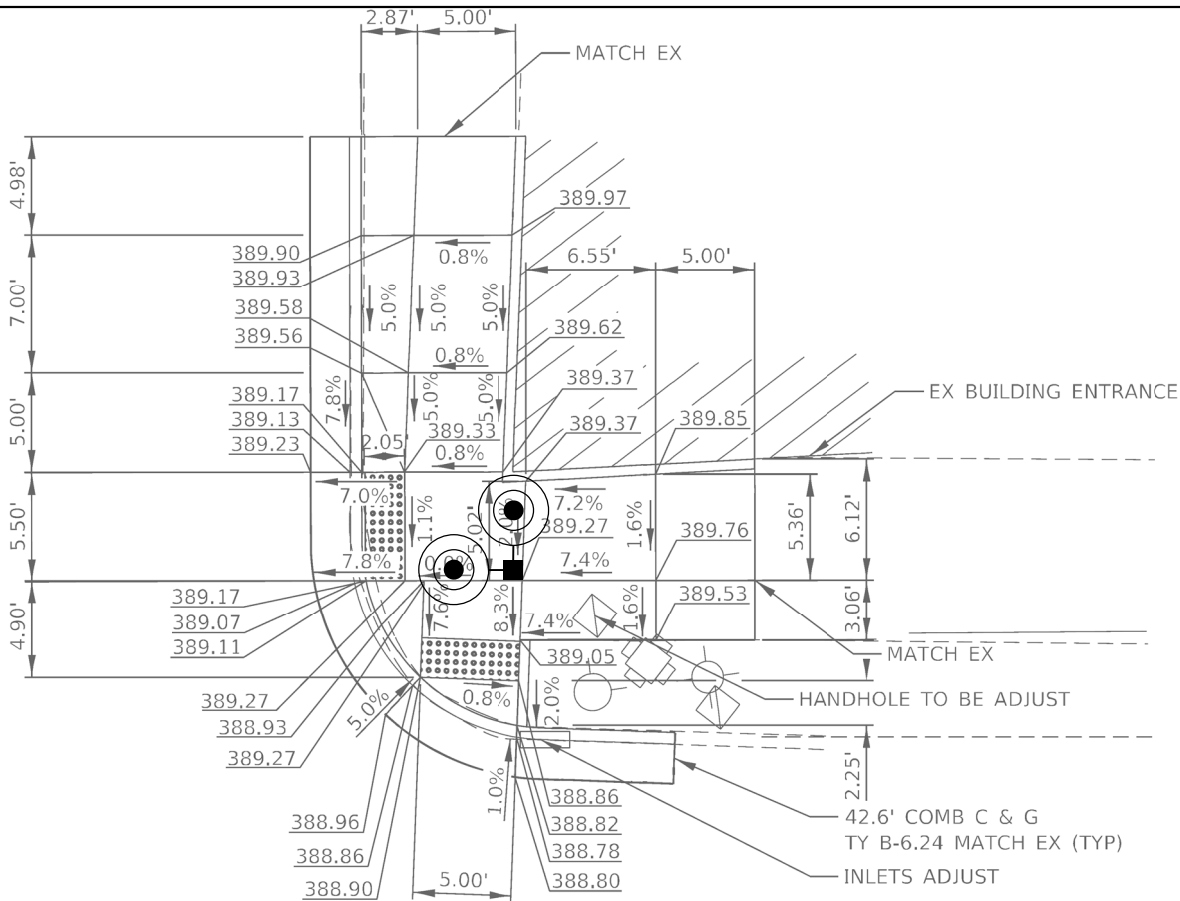
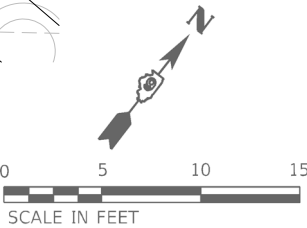


STRUCTURE	STATION	OFFSET	TYPE
PBP-1	390+91.0	40.5' LT	PEDESTRIAN PUSH-BUTTON POST, TYPE I
PBP-2	390+91.0	39.5' RT	PEDESTRIAN PUSH-BUTTON POST, TYPE I
PBP-3	391+01.0	31.5' RT	PEDESTRIAN PUSH-BUTTON POST, TYPE I
PBP-4	390+39.5	34.5' RT	PEDESTRIAN PUSH-BUTTON POST, TYPE I
PBP-5	390+38.0	33.5' LT	PEDESTRIAN PUSH-BUTTON POST, TYPE I
PBP-6	390+43.0	39.0' LT	PEDESTRIAN PUSH-BUTTON POST, TYPE I
TSP-1	390+97.0	32.0' LT	18' TRAFFIC SIGNAL POST & TYPE A FND.

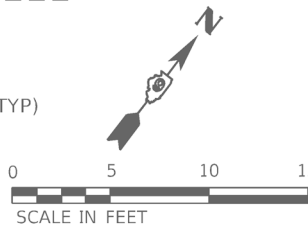
1. ALL STATIONING IS REFERENCED TO MAIN STREET CENTERLINE UNLESS OTHERWISE NOTED.
2. ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.
3. THE CONTRACTOR SHALL VERIFY PROPER CAMERA PLACEMENT WITH VIDEO DETECTION VENDOR PRIOR TO INSTALLATION.
4. ALL PEDESTRIAN PUSH-BUTTONS SHALL BE APS.
5. APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.
6. EACH APS SHALL BE ACCOMPANIED BY ONE (1) R10-3e SIGN BOLTED ABOVE ON THE CORRESPONDING POST.
7. THE CONCRETE FOUNDATIONS FOR THE PROPOSED PEDESTRIAN PUSH-BUTTON POSTS SHALL BE INCLUDED IN THE COST OF THE POSTS.
8. ALL EXISTING PEDESTRIAN SIGNAL HEADS TO BE REPLACED.
9. WHERE TWO APS BUTTONS ARE INSTALLED ON THE SAME POST, APS EXTENSION BRACKETS SHALL BE USED TO ALLOW FOR PROPER MOUNTING.



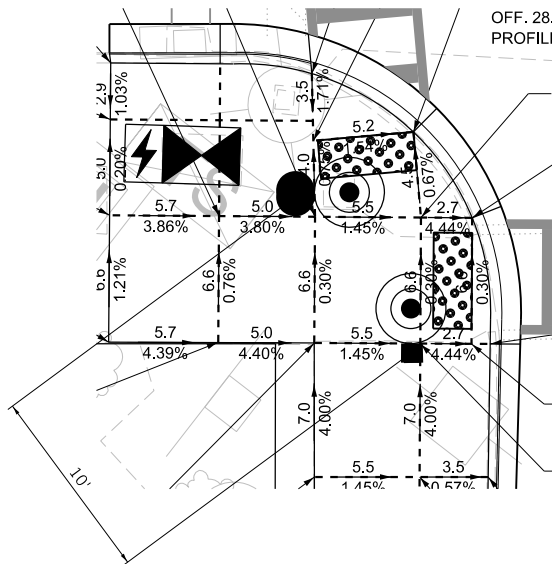
NORTHWEST QUADRANT



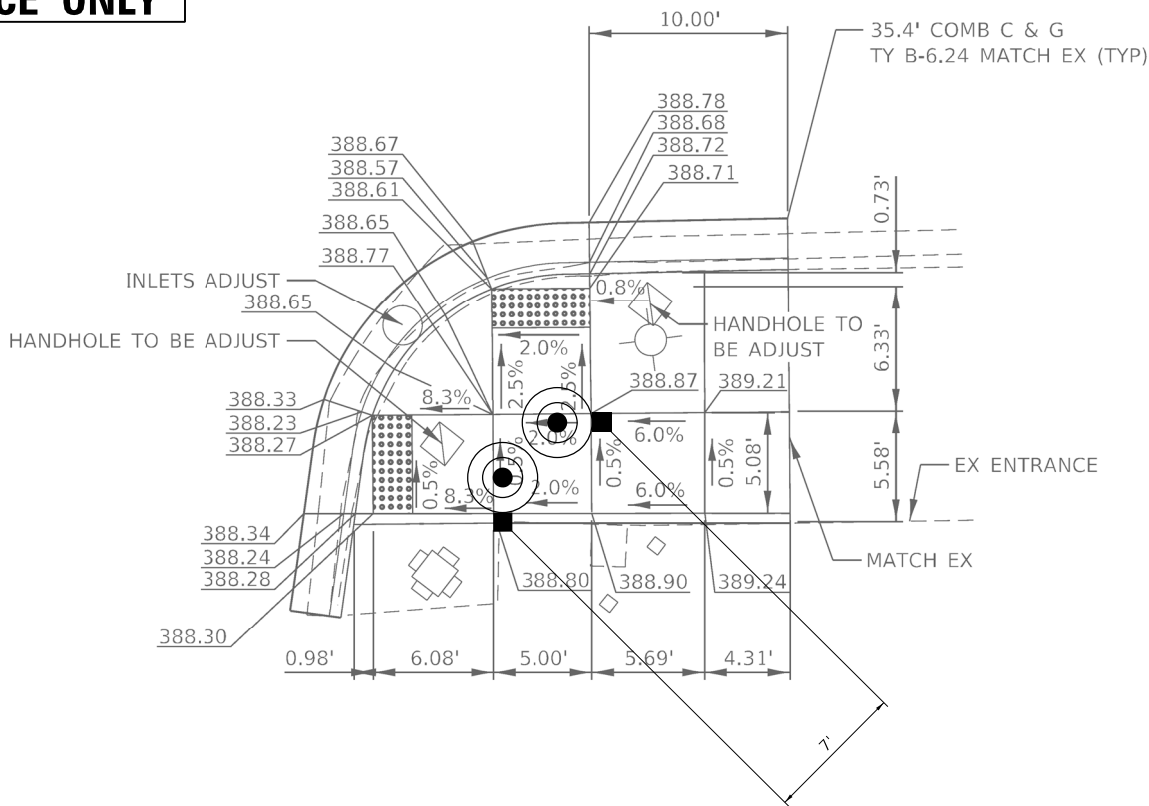
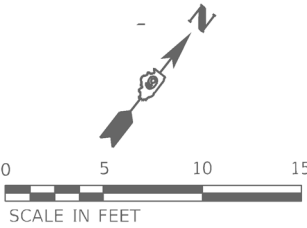
NORTHEAST QUADRANT



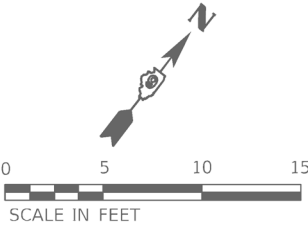
FOR REFERENCE ONLY



SOUTHWEST QUADRANT



SOUTHEAST QUADRANT



USER NAME = amaravillas	DESIGNED - AM	REVISED -
	DRAWN - AM	REVISED -
PLOT SCALE = 40.000 ' / in.	CHECKED - BF	REVISED -
PLOT DATE = 6/25/2026	DATE - 6/25/2026	REVISED -

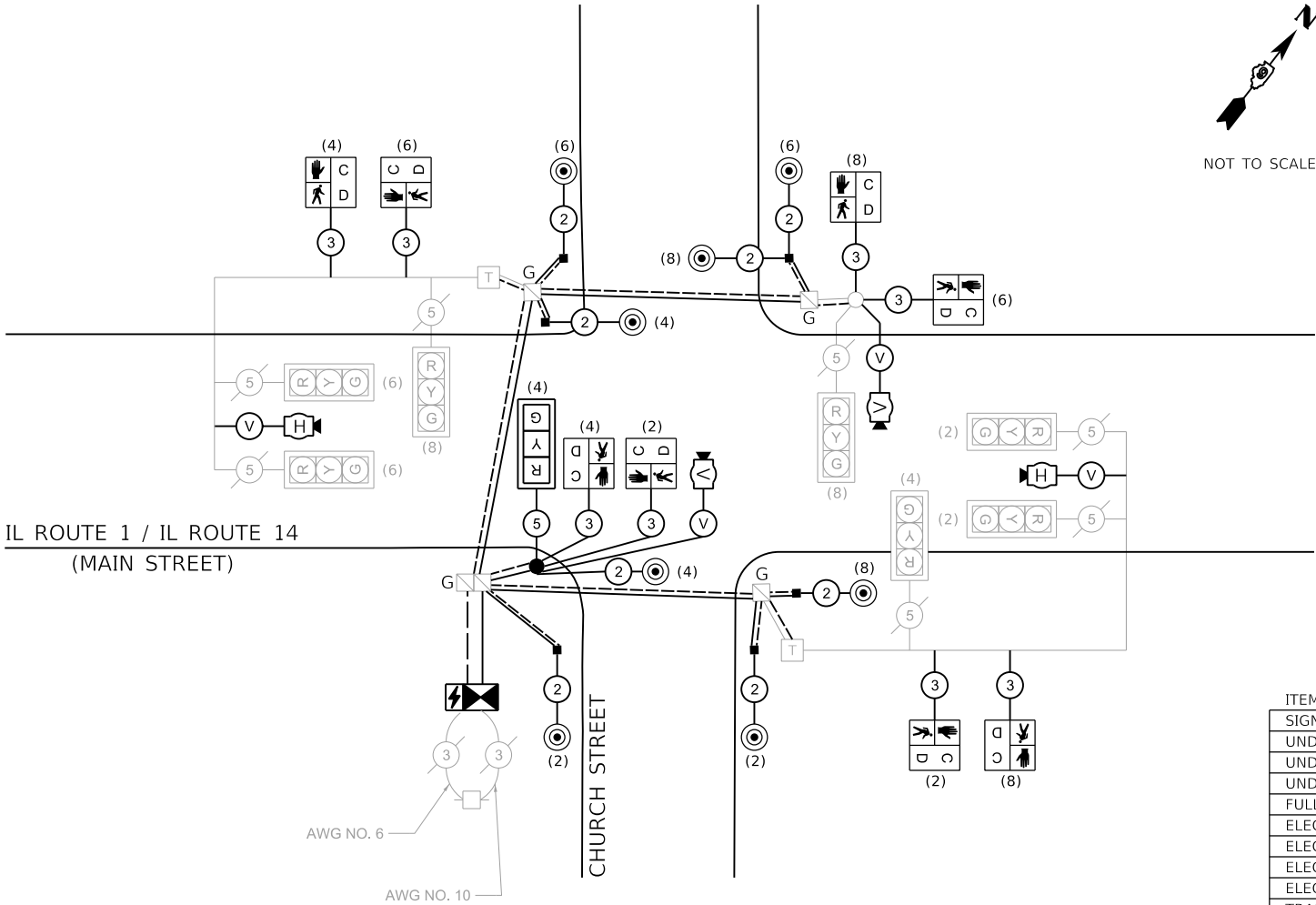
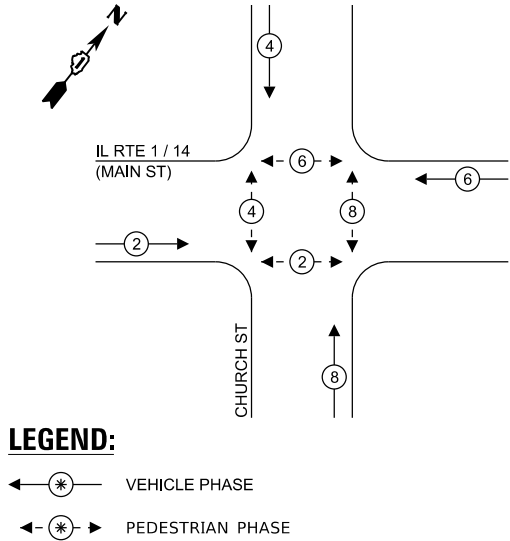
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODIFICATION PLAN
IL ROUTE 1 / IL ROUTE 14 (MAIN STREET) AND CHURCH STREET

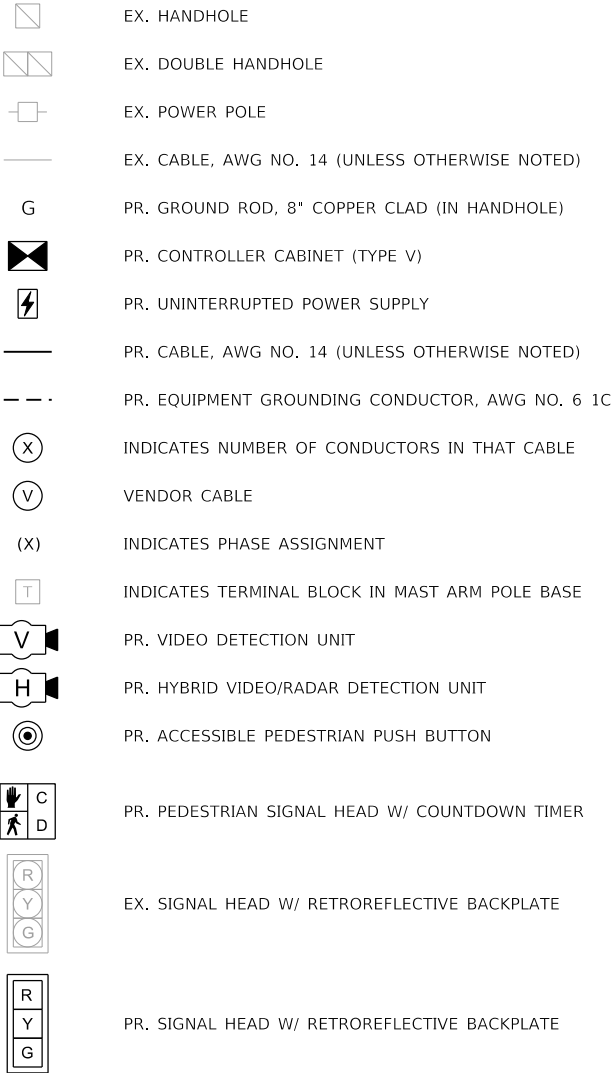
SCALE: 1" = 5' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	4TS-2	WHITE	24	20
CONTRACT NO. 78B76				
ILLINOIS FED. AID PROJECT				

EXISTING AND PROPOSED
CONTROLLER SEQUENCE



LEGEND



SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
SIGN PANEL - TYPE 1	SQ FT	7.5
UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.	FOOT	62
UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 3" DIA.	FOOT	13
UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 4" DIA.	FOOT	192
FULL-ACTUATED CONTROLLER AND TYPE V CABINET	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	844
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	860
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	47
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	385
TRAFFIC SIGNAL POST, 18 FT.	EACH	1
PEDESTRIAN PUSH-BUTTON POST, TYPE I	EACH	6
CONCRETE FOUNDATION, TYPE A	FOOT	4
DRILL EXISTING FOUNDATION	EACH	1
DRILL EXISTING HANDHOLE	EACH	14
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
TRAFFIC SIGNAL BACKPLATE	EACH	1
RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
MODIFY EXISTING CONTROLLER FOUNDATION	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	304
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REBUILD EXISTING HANDHOLE	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	1
ETHERNET SWITCH	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
VIDEO AND RADAR HYBRID DETECTION SYSTEM	EACH	1
GROUND ROD, 8", COPPER CLAD	EACH	4
TRAFFIC SIGNAL BATTERY BACKUP SYSTEM	EACH	1

NOTES:

- THE PROPOSED AWG NO. 6 EQUIPMENT GROUNDING CONDUCTOR SHALL BE BONDED TO EACH HANDHOLE, MAST ARM, AND TRAFFIC SIGNAL POST.
- ALL BACKPLATES SHALL BE RETROREFLECTIVE.

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DRAWN	- AM	REVISIONS	-	DATE	-
PLOT SCALE	= 40.000 ' / in.	CHECKED	- BF	REVISED	-
PLOT DATE	= 6/25/2026	DATE	- 6/25/2026	REVISED	-

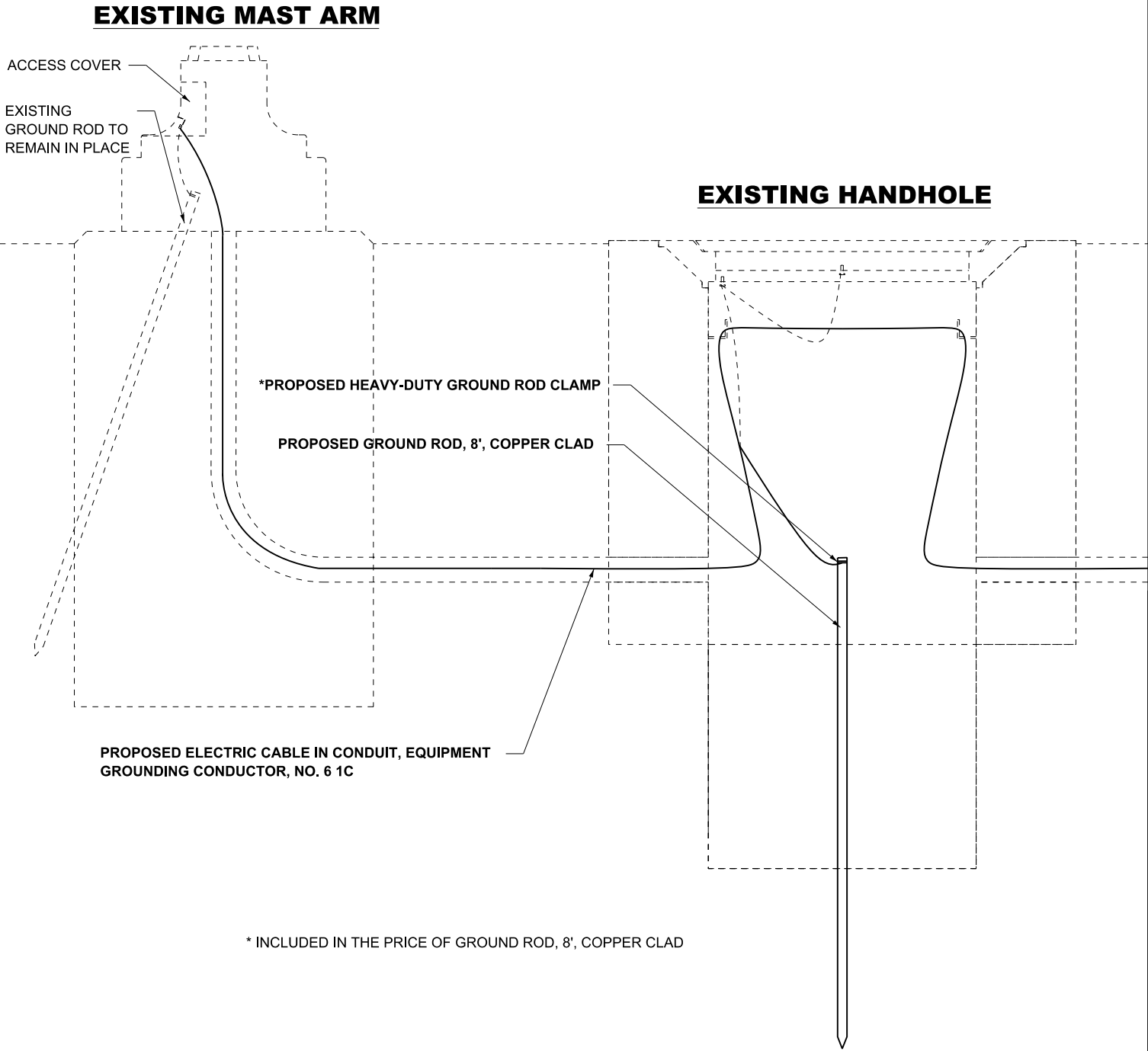
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL CABLE PLAN AND SCHEDULE OF QUANTITIES
IL ROUTE 1 /IL ROUTE 14 (MAIN STREET) AND CHURCH STREET

SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	4TS-2	WHITE	24	21
CONTRACT NO. 78B76				
ILLINOIS FED. AID PROJECT				

HANDHOLE AND MAST ARM GROUNDING

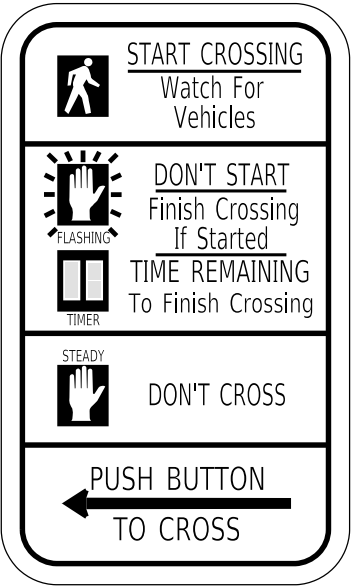


* INCLUDED IN THE PRICE OF GROUND ROD, 8', COPPER CLAD

DRAWN	02-08-24
REVISED	06-24-24
REVISED	
REVISED	

STD. 9-32

R10-3e
PEDESTRIAN SIGNAL INFORMATION (COUNTDOWN)



-ACCESSIBLE PEDESTRIAN PUSH-BUTTON SIGNS SHALL BE MOUNTED ABOVE THE ACCESSIBLE PEDESTRIAN PUSH-BUTTON, THE SIGN SHALL BE BOLTED TO THE POSTS.

REVISIONS	
DRAWN	03-03-22
REVISED	
REVISED	
REVISED	

STD. 9-112

MODEL: Default
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USER NAME	= amaravillas	DESIGNED	-	AM	REVISED	-
		DRAWN	-	AM	REVISED	-
PLOT SCALE	= 2.000 " / in.	CHECKED	-	BF	REVISED	-
PLOT DATE	= 5/14/2026	DATE	-	5/14/2026	REVISED	-

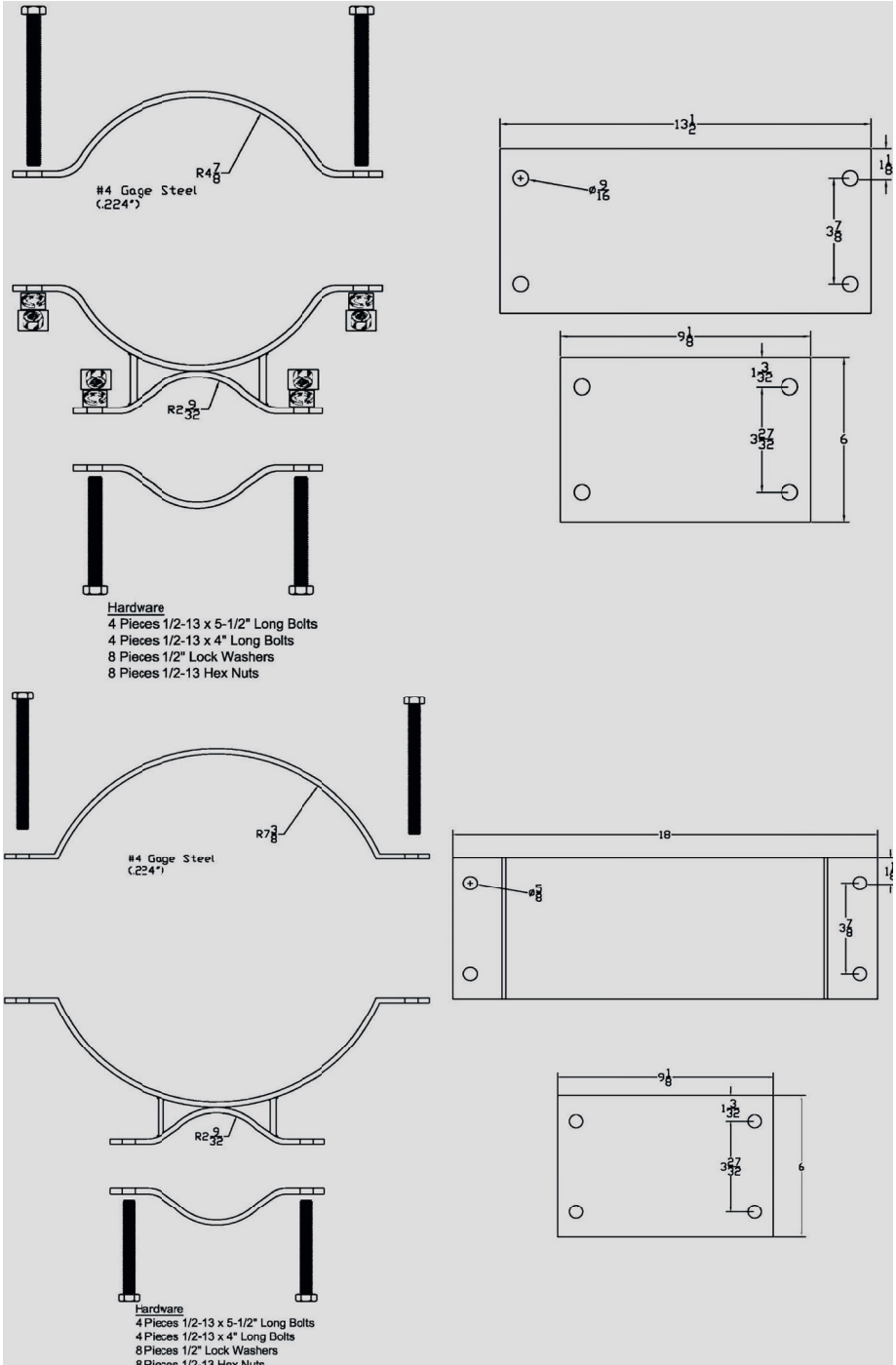
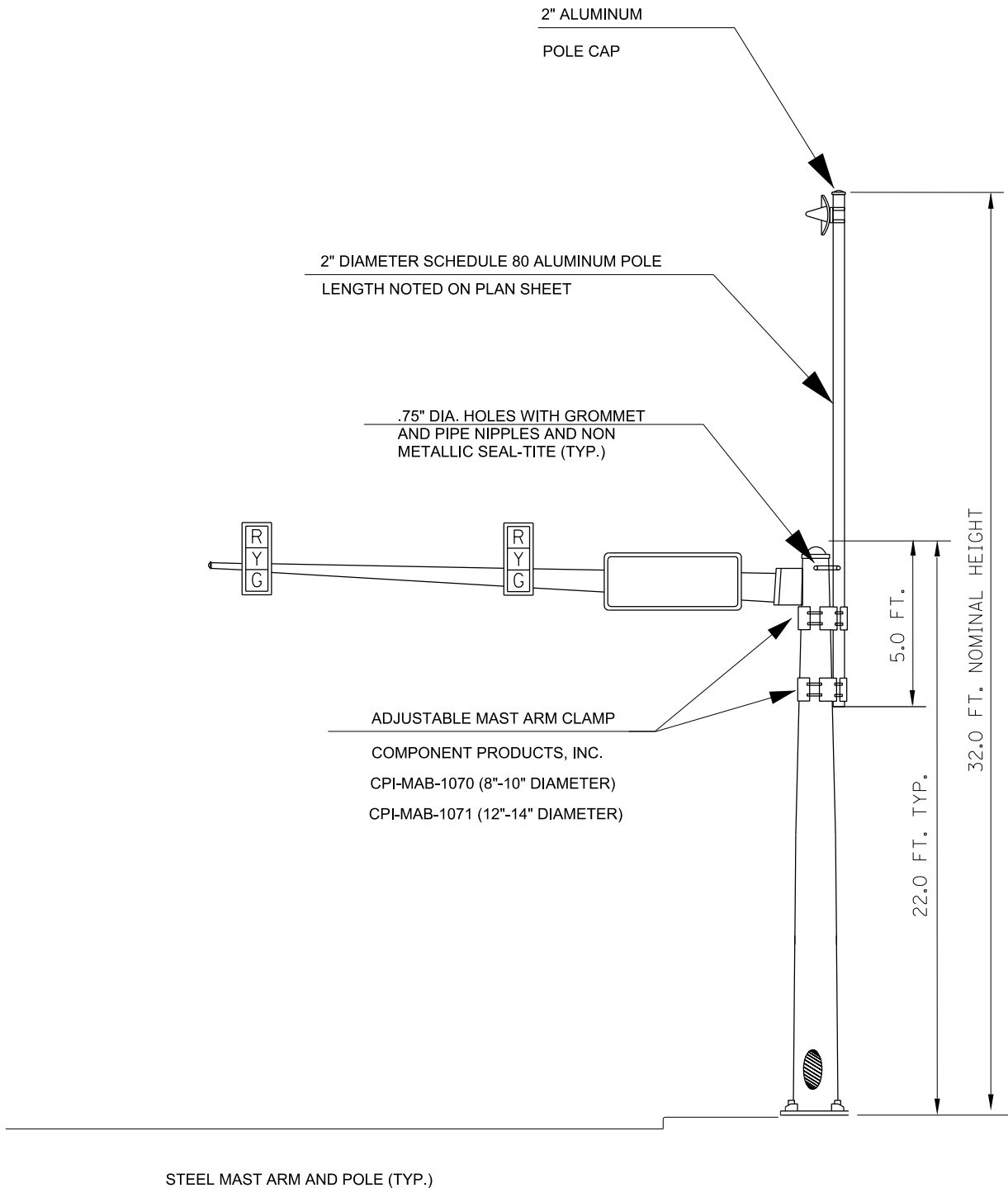
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT NINE DETAILS

SCALE: N.T.S. SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	4TS-2	WHITE	24	22
CONTRACT NO. 78B76				
ILLINOIS FED. AID PROJECT				

MASTARM EXTENSION POLE



NOTE: ALL WORK ASSOCIATED WITH MAST ARM EXTENSION SHALL BE INCLUDED IN THE COST OF WIRELESS THERNET RADIO.

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USER NAME	= amaravillas	DESIGNED -	AM	REVISED -	
DRAWN	- AM	REVIS	ED	-	
PLOT SCALE	= 2.000 " / in.	CHECKED -	BF	REVISED -	
PLOT DATE	= 5/14/2026	DATE -	5/14/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT NINE DETAILS			
SCALE:	N.T.S.	SHEET 2	OF 3 SHEETS
STA.	TO STA.		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	4TS-2	WHITE	24	23
CONTRACT NO. 78B76				
ILLINOIS FED. AID PROJECT				

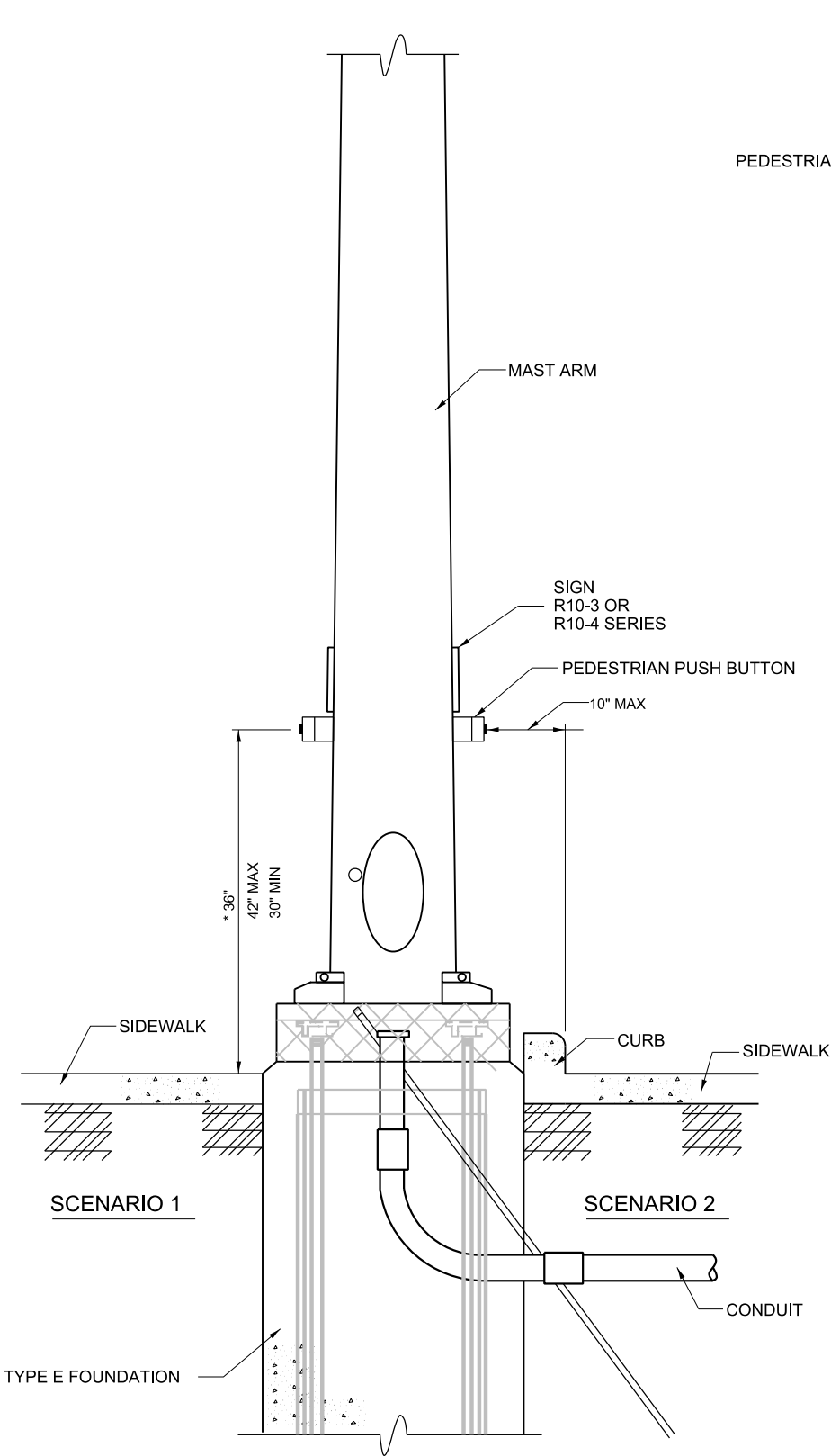
DRAWN	03-20-26
REVISED	
REVISED	
REVISED	

STD. 9-35

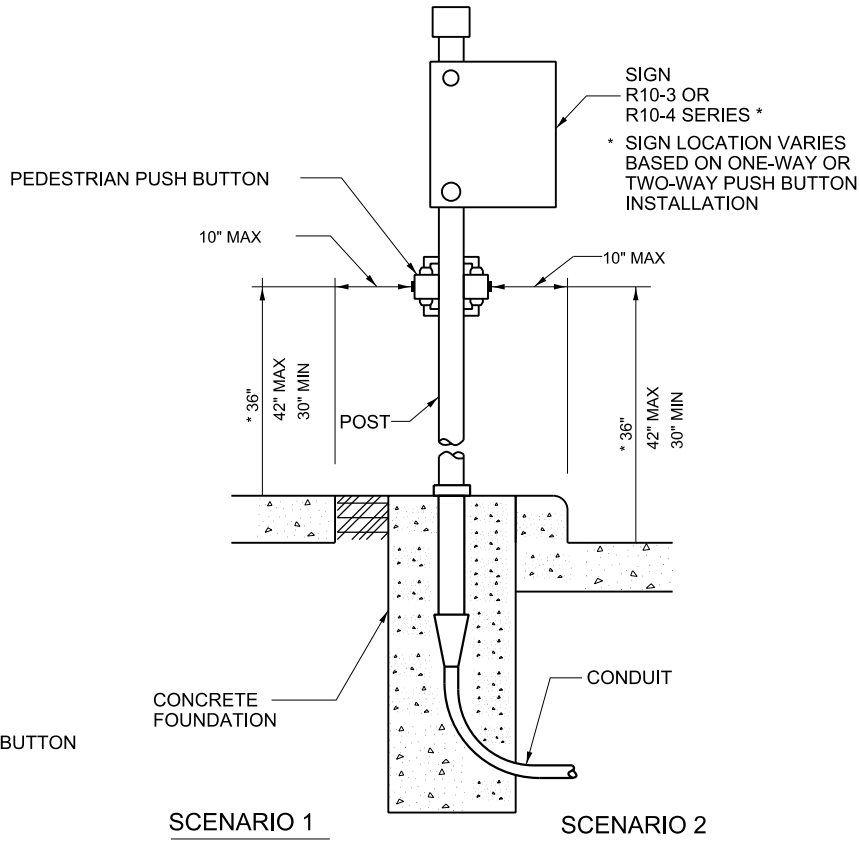
PEDESTRIAN PUSH BUTTON INSTALLATION

GENERAL NOTES

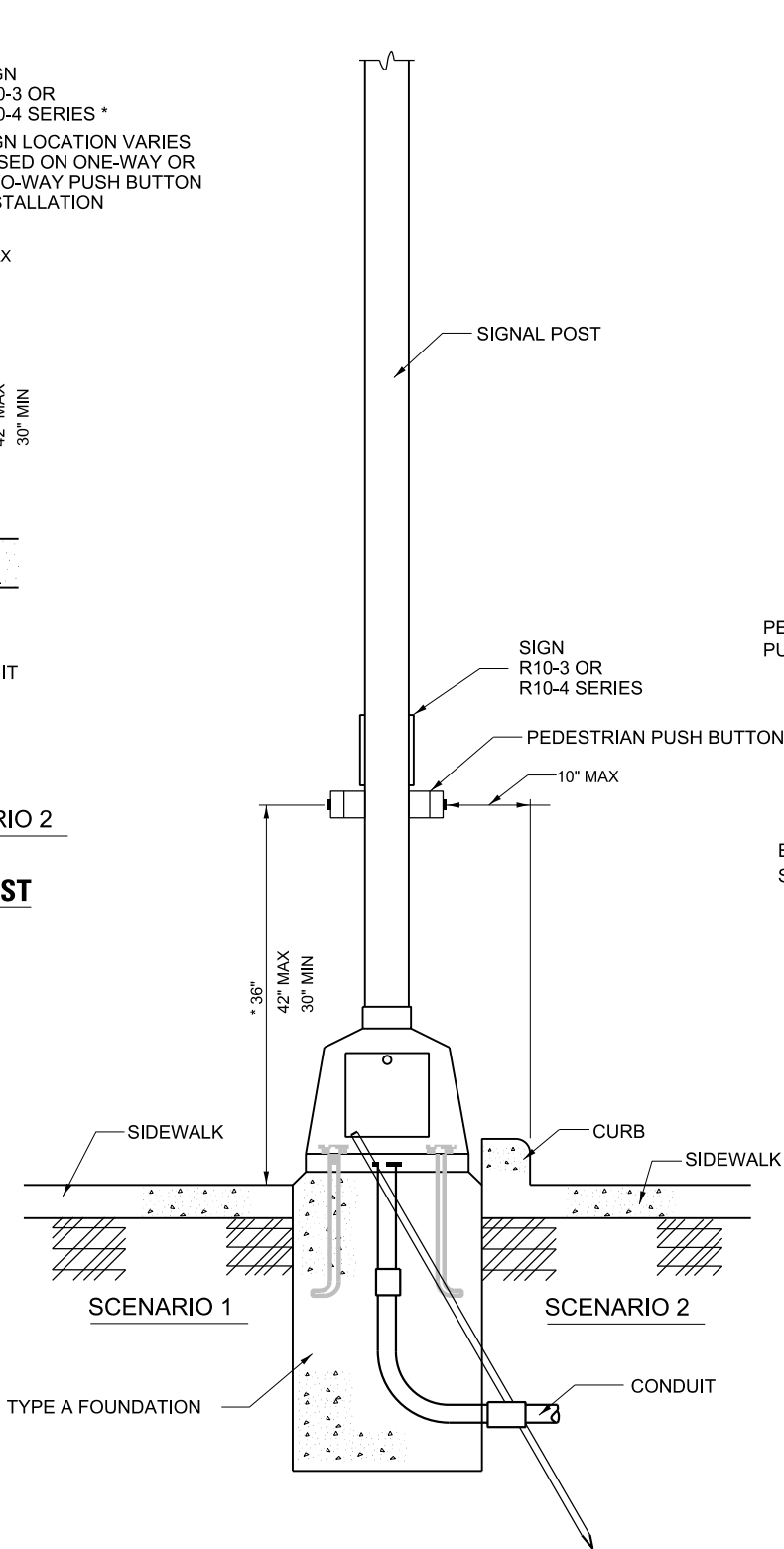
1. PREFERRED MOUNTING HEIGHT OF THE PUSHBUTTON SHALL BE APPROXIMATELY 3 FEET, THE HEIGHT SHALL BE MAXIMUM OF 3.5 FEET AND MINIMUM OF 2.5 FEET ABOVE SIDEWALK.
2. REACH OF THE PUSHBUTTON SHALL BE A MAXIMUM OF 10 INCHES FROM THE EDGE OF SIDEWALK.
3. PUSHBUTTON SHALL BE UNOBSTRUCTED AND ADJACENT TO ALL-WEATHER SURFACE TO PROVIDE ACCESS FROM A WHEELCHAIR.
4. IN ANY CASE THE 10 INCH MAXIMUM DISTANCE IS NOT ACHIEVED, MODULAR EXTENSION BRACKETS SHALL BE INSTALLED. THE COST AND LABOR OF INSTALLING EXTENSION BRACKET SHALL BE INCLUDED IN THE COST OF "PEDESTRIAN PUSHBUTTON". THE LENGTH OF THE MODULAR EXTENSION BRACKET IS NOT TO EXCEED 1'-6".
5. THE PUSHBUTTON FACE SHOULD BE PARALLEL TO THE CROSSWALK IT CONTROLS.



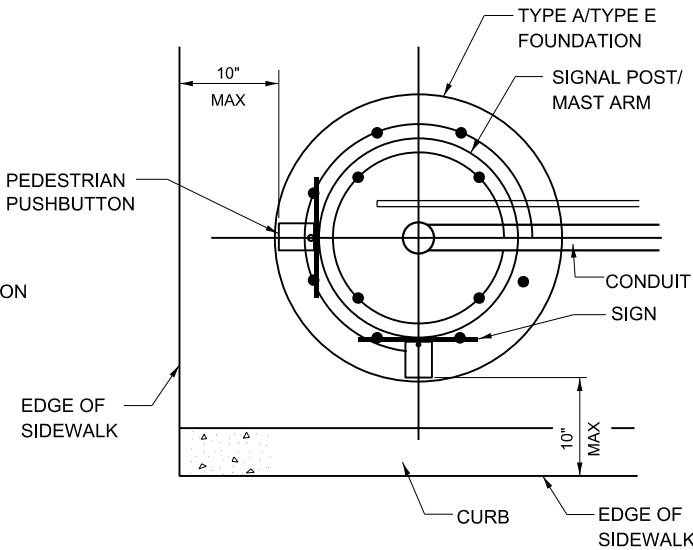
MAST ARM



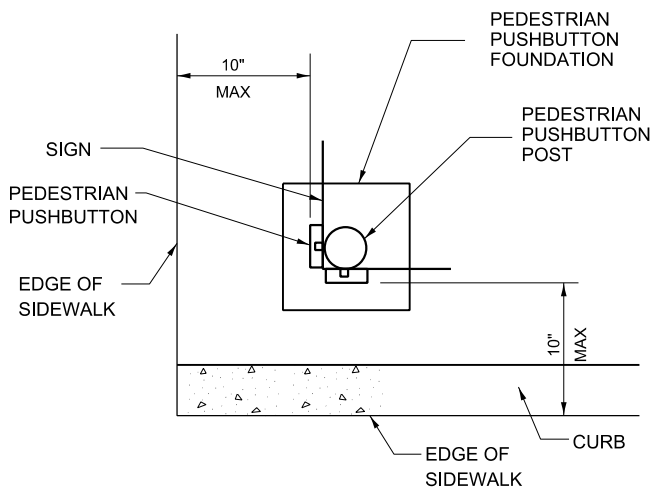
SCENARIO 1
SCENARIO 2
PEDESTRIAN PUSH BUTTON POST



SIGNAL POST



TOP VIEW



PEDESTRIAN PUSH BUTTON POST TOP VIEW

* 36" PREFERRED
NOT TO SCALE

MODEL: Default
FILE NAME: C:\Sharepoint\ITERIS - INC\Systems - Midwest - Chicago Construction\DOT - PTB 217-047 D9 ITS13245 - WO 2 - Cammi APS Upgrades - 78B76\CADD\Sheet Files\DOT78B76_D9 Details.dgn

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USER NAME	= amaravillas	DESIGNED	- AM	REVISED	-
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PLOT SCALE	= 2.000" / in.	DATE	- 5/14/2026	REVISED	-
PLOT DATE	= 5/14/2026				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT NINE DETAILS

SCALE: N.T.S. SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	4TS-2	WHITE	24	24
CONTRACT NO. 78B76				
ILLINOIS FED. AID PROJECT				

STD. 9-36

DRAWN	03-20-26
REVISED	
REVISED	
REVISED	