


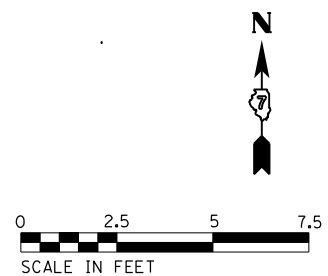
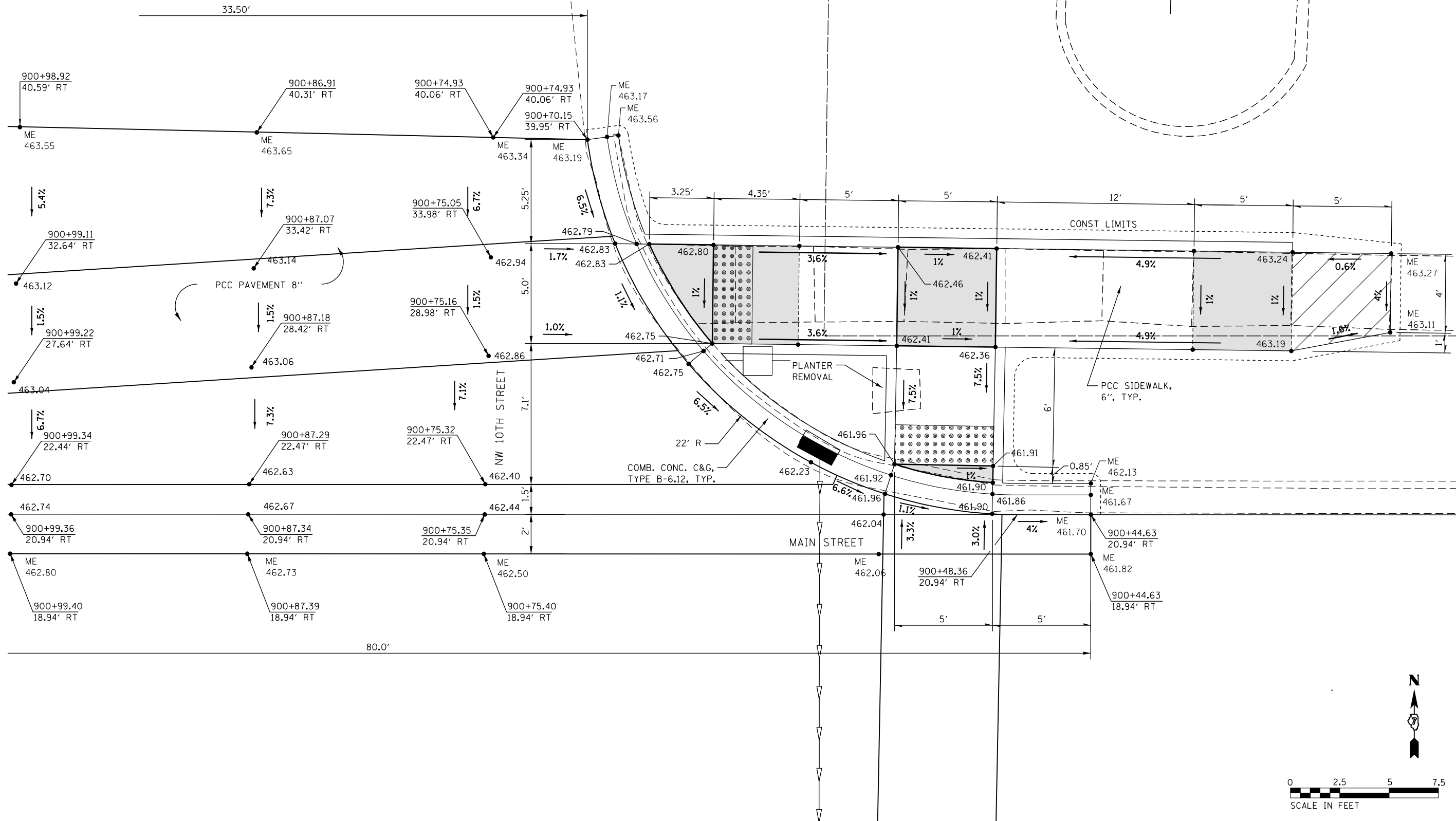


LEGEND

-  LANDING / TURNING SPACE
-  TRANSITION PANEL
-  DETECTABLE WARNING
- ME MATCH EXISTING AT ELEVATION SHOWN
- XXX.XX PROPOSED ELEVATION



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CURB RAMP DETAILS - NE QUADRANT INTERSECTION OF MAIN AND NW 10TH STREETS			
SCALE: 1"=20'	SHEET	OF	SHEETS
STA. --			TO STA. --

F.A.P. RTE. 328/823	SECTION 20RS-4, 24Z RS-1	COUNTY WAYNE	TOTAL SHEETS 148	SHEET NO. 101
CONTRACT NO. 74574				
ILLINOIS FED. AID PROJECT				



STA. 84+68, 26.2' LT
 MANHOLE TO BE ADJUSTED
 W/ NEW TYPE 11 F&G
 PR EOP EL: 442.83
 EX EOP EL: 442.79

STA. 84+65, 26.6' RT
 MANHOLE TO BE ADJUSTED
 W/ NEW TYPE 11 F&G
 PR EOP EL: 442.86
 EX EOP EL: 442.90

SW 7TH ST.

DELAWARE ST. (EB FAP 3)

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PLOT DATE = 9/6/2022	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE
 INTERSECTION OF DELAWARE AND SW 7TH STREETS**

F.A.P. RTE. 328.823	SECTION 20RS-4, 24Z RS-1	COUNTY WAYNE	TOTAL SHEETS 148	SHEET NO. 102
CONTRACT NO. 74574				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.



96

STA. 95+73, 21.2' RT
PROP. INLET, TYPE A
W/ TYPE 11 F&G
PR EOP EL: 434.02
INV EL: 431.50

19 LF STORM SEWERS,
CLASS A, TYPE 1 12"

STA. 95+95, 21.8' RT
PROP. MANHOLES, TYPE A,
4' DIA, TYPE 1 FRAME (CL)
PR TOP EL: 434.30
INV EL N: 429.3± (EXIST)
INV EL S: 429.3± (EXIST)
INV EL W: 431.30

SW 4TH ST.

INV: 429.54

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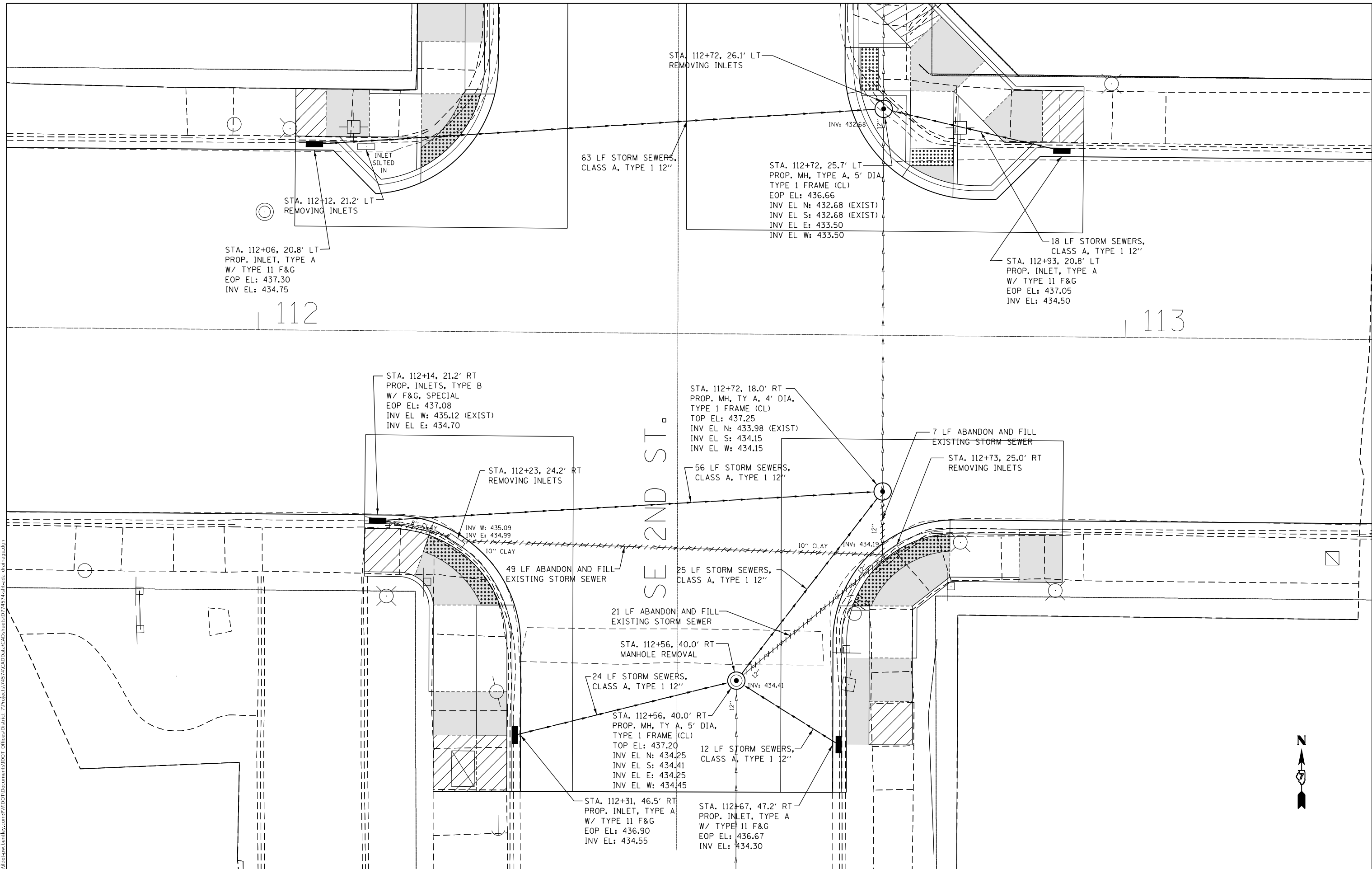
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PLOT DATE = 9/6/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE
INTERSECTION OF DELAWARE AND SW 4TH STREETS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328.823	20RS-4, 24Z RS-1	WAYNE	148	103
CONTRACT NO. 74574				
ILLINOIS FED. AID PROJECT				



STA. 112+06, 20.8' LT
PROP. INLET, TYPE A
W/ TYPE 11 F&G
EOP EL: 437.30
INV EL: 434.75

112

63 LF STORM SEWERS,
CLASS A, TYPE 1 12"

STA. 112+72, 26.1' LT
REMOVING INLETS

STA. 112+72, 25.7' LT
PROP. MH, TYPE A, 5' DIA,
TYPE 1 FRAME (CL)
EOP EL: 436.66
INV EL N: 432.68 (EXIST)
INV EL S: 432.68 (EXIST)
INV EL E: 433.50
INV EL W: 433.50

18 LF STORM SEWERS,
CLASS A, TYPE 1 12"

STA. 112+93, 20.8' LT
PROP. INLET, TYPE A
W/ TYPE 11 F&G
EOP EL: 437.05
INV EL: 434.50

113

STA. 112+14, 21.2' RT
PROP. INLETS, TYPE B
W/ F&G, SPECIAL
EOP EL: 437.08
INV EL W: 435.12 (EXIST)
INV EL E: 434.70

STA. 112+72, 18.0' RT
PROP. MH, TY A, 4' DIA,
TYPE 1 FRAME (CL)
TOP EL: 437.25
INV EL N: 433.98 (EXIST)
INV EL S: 434.15
INV EL W: 434.15

STA. 112+23, 24.2' RT
REMOVING INLETS

56 LF STORM SEWERS,
CLASS A, TYPE 1 12"

7 LF ABANDON AND FILL
EXISTING STORM SEWER

STA. 112+73, 25.0' RT
REMOVING INLETS

INV W: 435.09
INV E: 434.99
10" CLAY

49 LF ABANDON AND FILL
EXISTING STORM SEWER

25 LF STORM SEWERS,
CLASS A, TYPE 1 12"

21 LF ABANDON AND FILL
EXISTING STORM SEWER

STA. 112+56, 40.0' RT
MANHOLE REMOVAL

24 LF STORM SEWERS,
CLASS A, TYPE 1 12"

STA. 112+56, 40.0' RT
PROP. MH, TY A, 5' DIA,
TYPE 1 FRAME (CL)
TOP EL: 437.20
INV EL N: 434.25
INV EL S: 434.41
INV EL E: 434.25
INV EL W: 434.45

12 LF STORM SEWERS,
CLASS A, TYPE 1 12"

STA. 112+31, 46.5' RT
PROP. INLET, TYPE A
W/ TYPE 11 F&G
EOP EL: 436.90
INV EL: 434.55

STA. 112+67, 47.2' RT
PROP. INLET, TYPE A
W/ TYPE 11 F&G
EOP EL: 436.67
INV EL: 434.30

SE 2ND ST



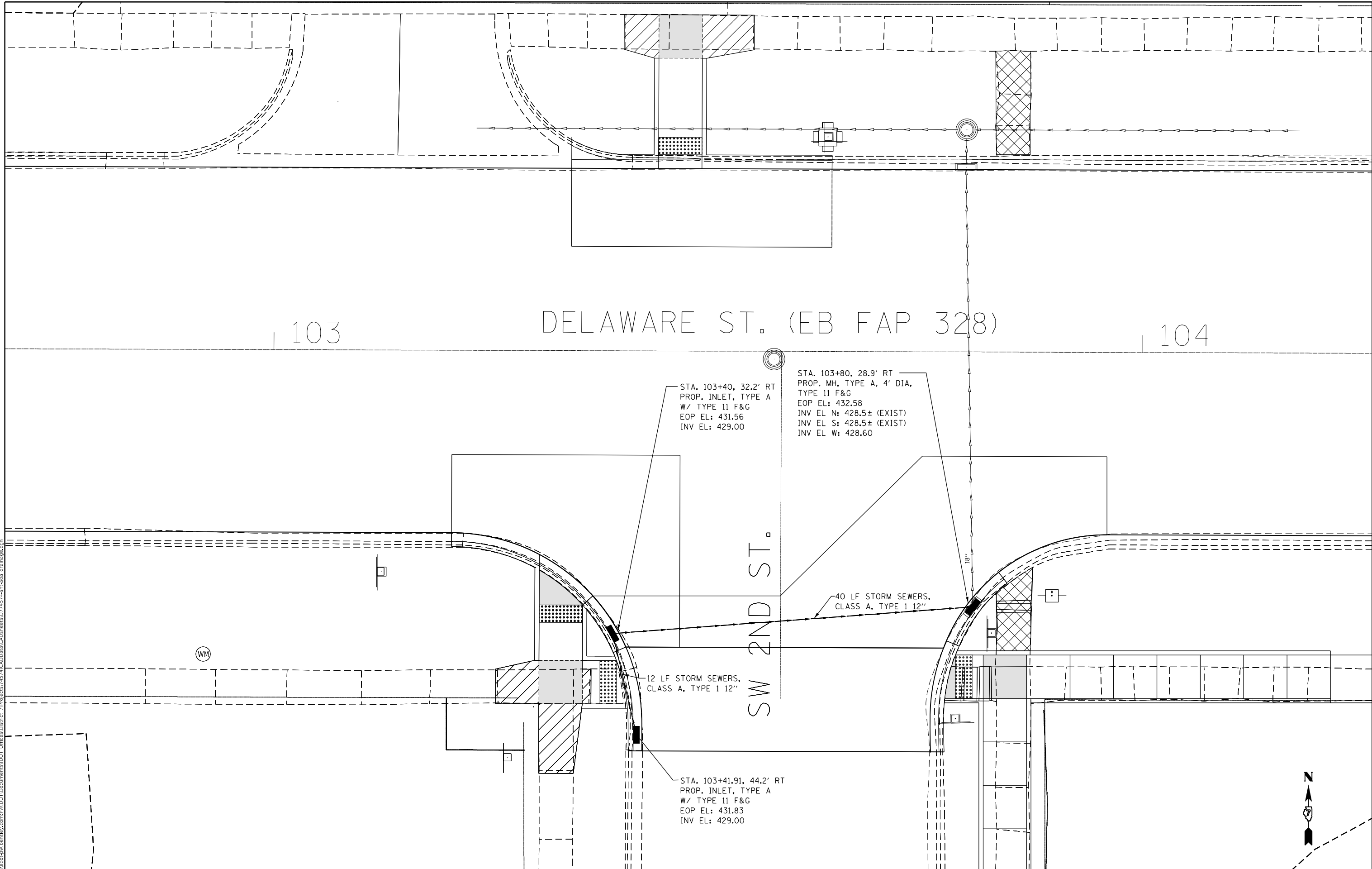
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE	
INTERSECTION OF DELAWARE AND SE 2ND STREETS	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
828.823	20RS-4, 24Z RS-1	WAYNE	148	104
CONTRACT NO. 74574				
ILLINOIS FED. AID PROJECT				



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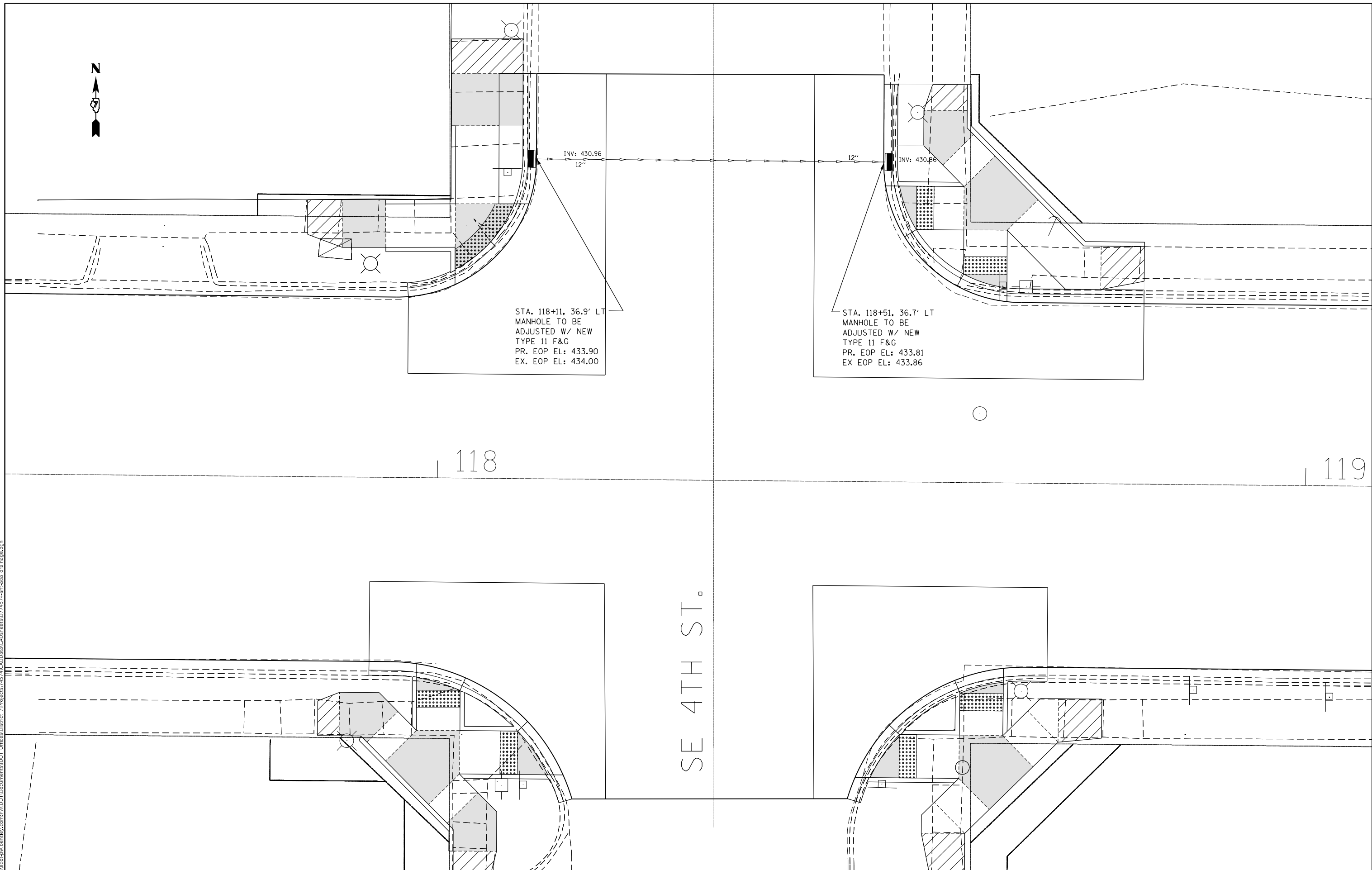
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PLOT DATE = 9/6/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE	
INTERSECTION OF DELAWARE AND SW 2ND STREETS	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 328.823	SECTION 20RS-4, 24Z RS-1	COUNTY WAYNE	TOTAL SHEETS 148	SHEET NO. 105
CONTRACT NO. 74574				
ILLINOIS FED. AID PROJECT				





STA. 118+11. 36.9' LT
 MANHOLE TO BE
 ADJUSTED W/ NEW
 TYPE 11 F&G
 PR. EOP EL: 433.90
 EX. EOP EL: 434.00

STA. 118+51. 36.7' LT
 MANHOLE TO BE
 ADJUSTED W/ NEW
 TYPE 11 F&G
 PR. EOP EL: 433.81
 EX. EOP EL: 433.86

118

119

SE 4TH ST.

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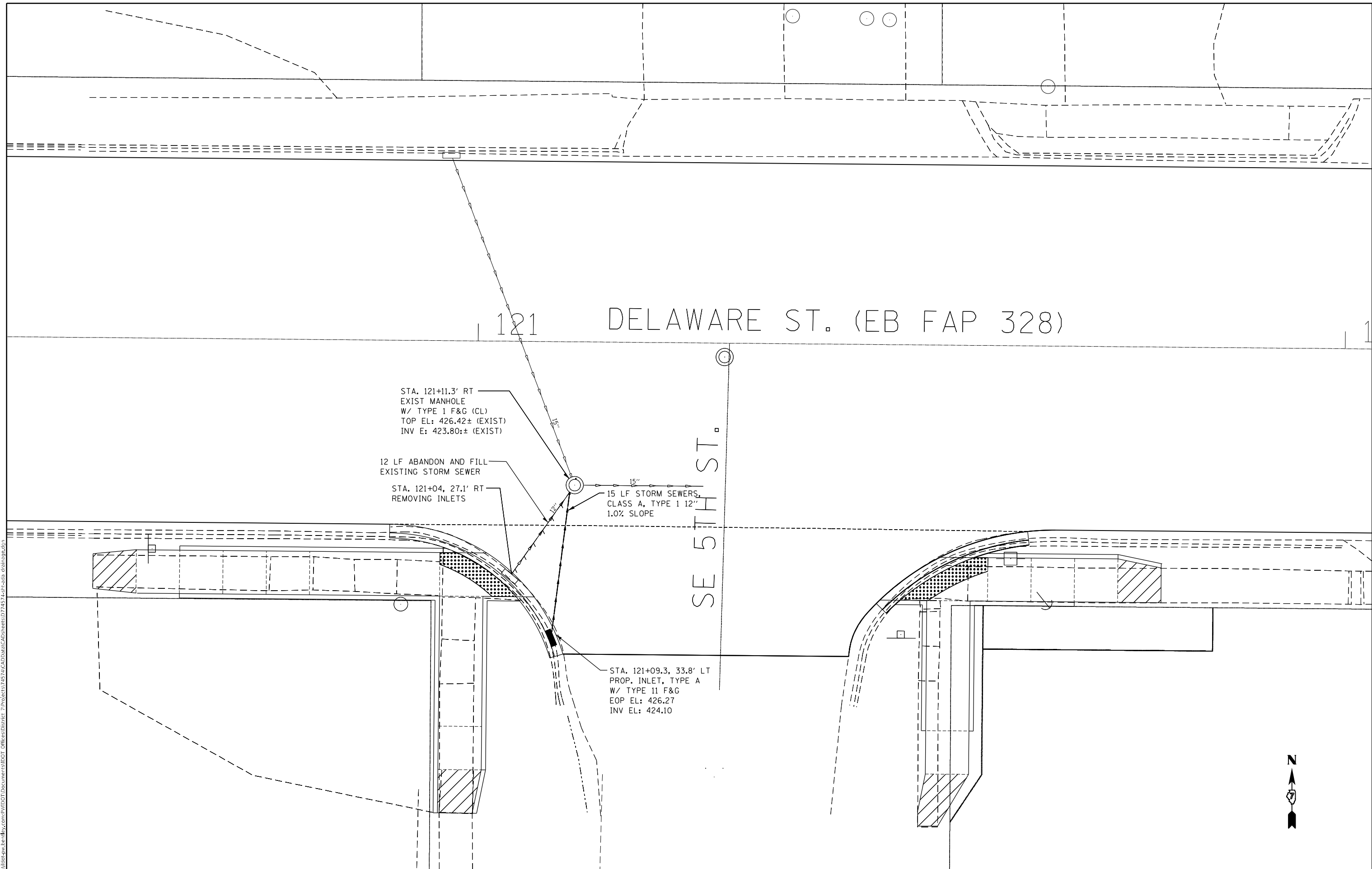
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PLOT DATE = 9/6/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRAINAGE			
INTERSECTION OF DELAWARE AND SE 4TH STREETS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
828.823	20RS-4, 24Z RS-1	WAYNE	148	106
CONTRACT NO. 74574				
ILLINOIS FED. AID PROJECT				

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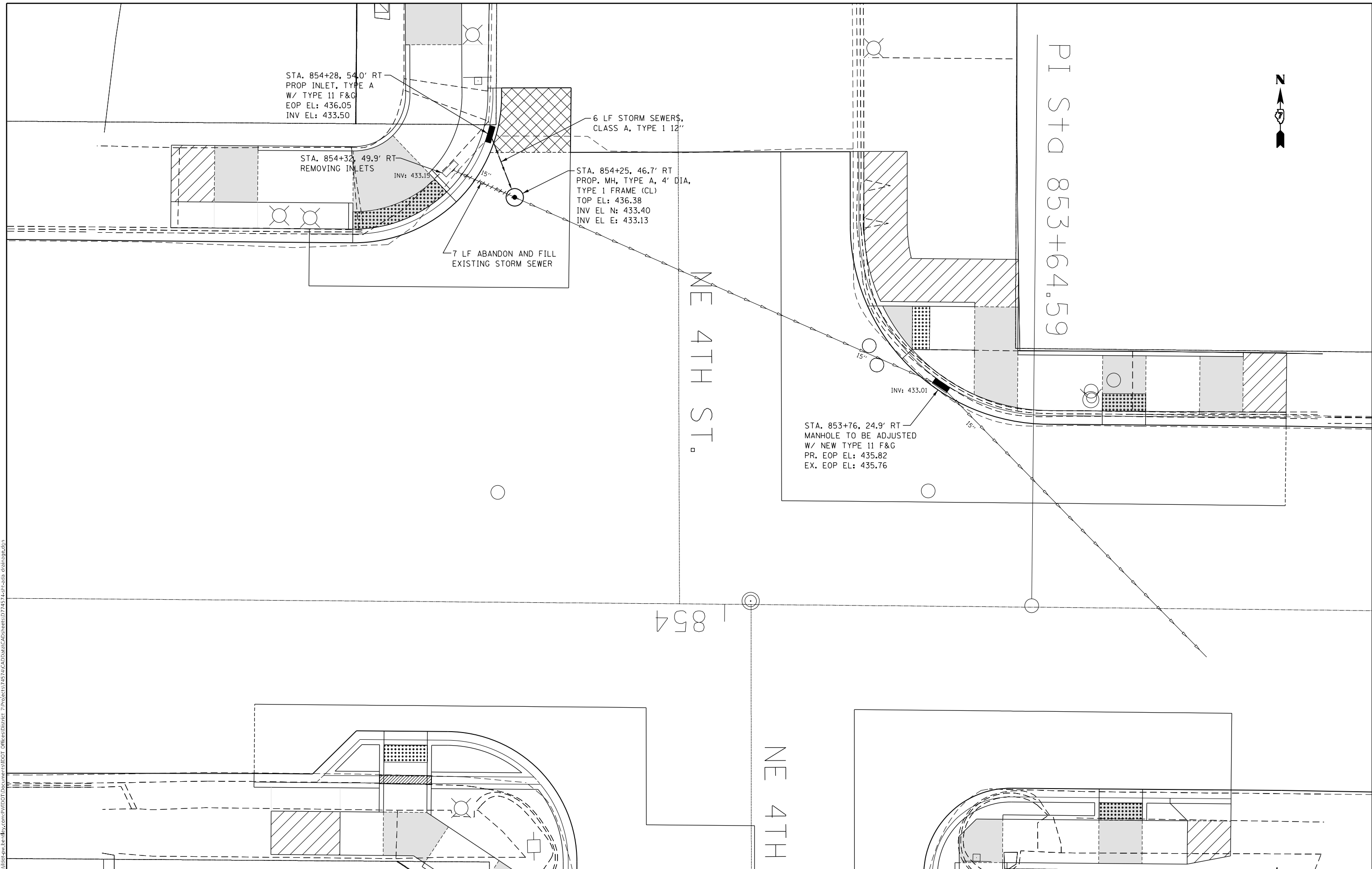
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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE
INTERSECTION OF DELAWARE AND SE 5TH STREETS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 328.823	SECTION 20RS-4, 24Z RS-1	COUNTY WAYNE	TOTAL SHEETS 148	SHEET NO. 107
CONTRACT NO. 74574				
ILLINOIS FED. AID PROJECT				



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE	
INTERSECTION OF MAIN AND NE 4TH STREETS	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328.823	20RS-4, 24Z RS-1	WAYNE	148	108
CONTRACT NO. 74574				
ILLINOIS FED. AID PROJECT				

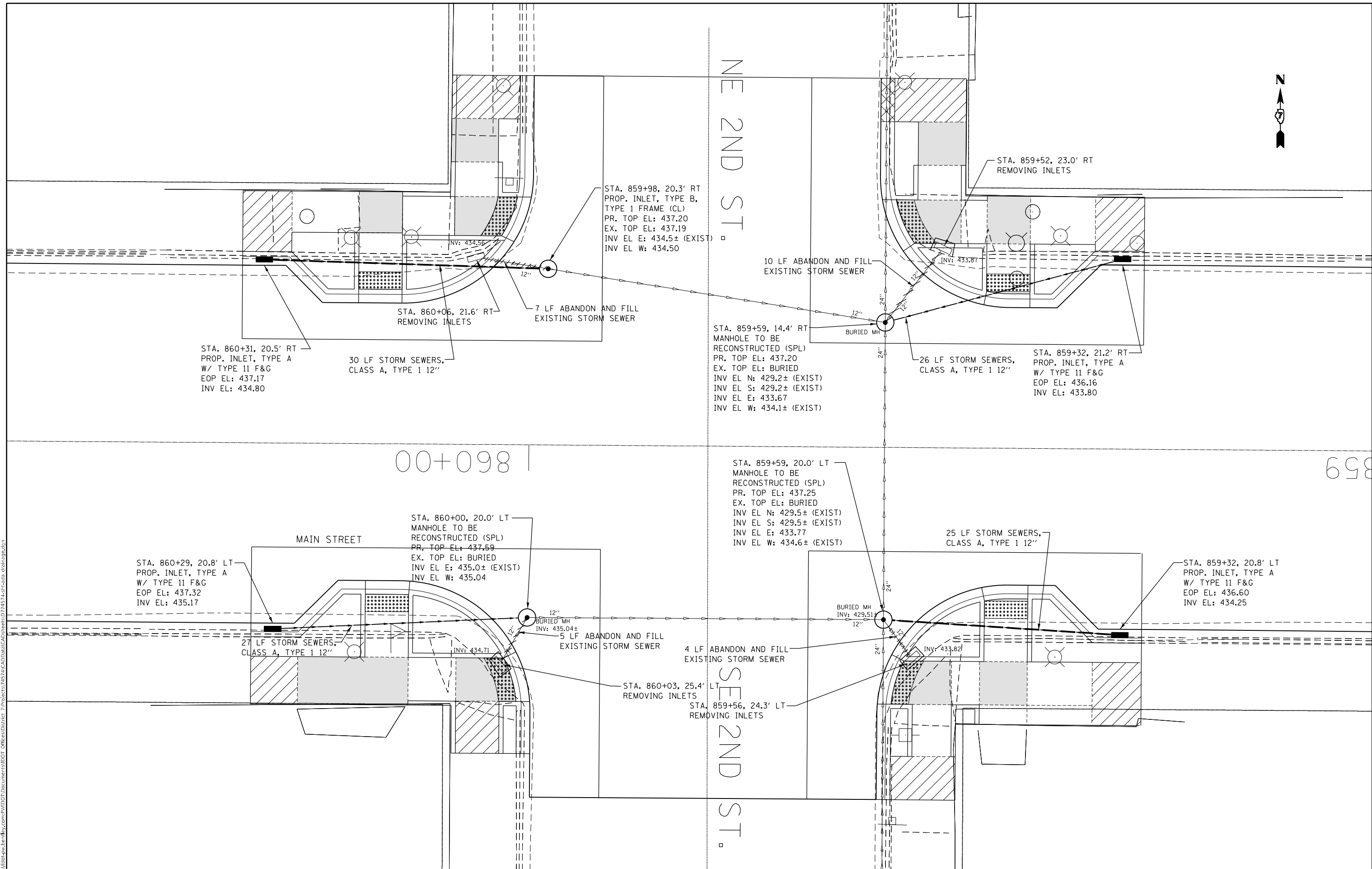


NE 2ND ST

SE 2ND ST

00+098

659



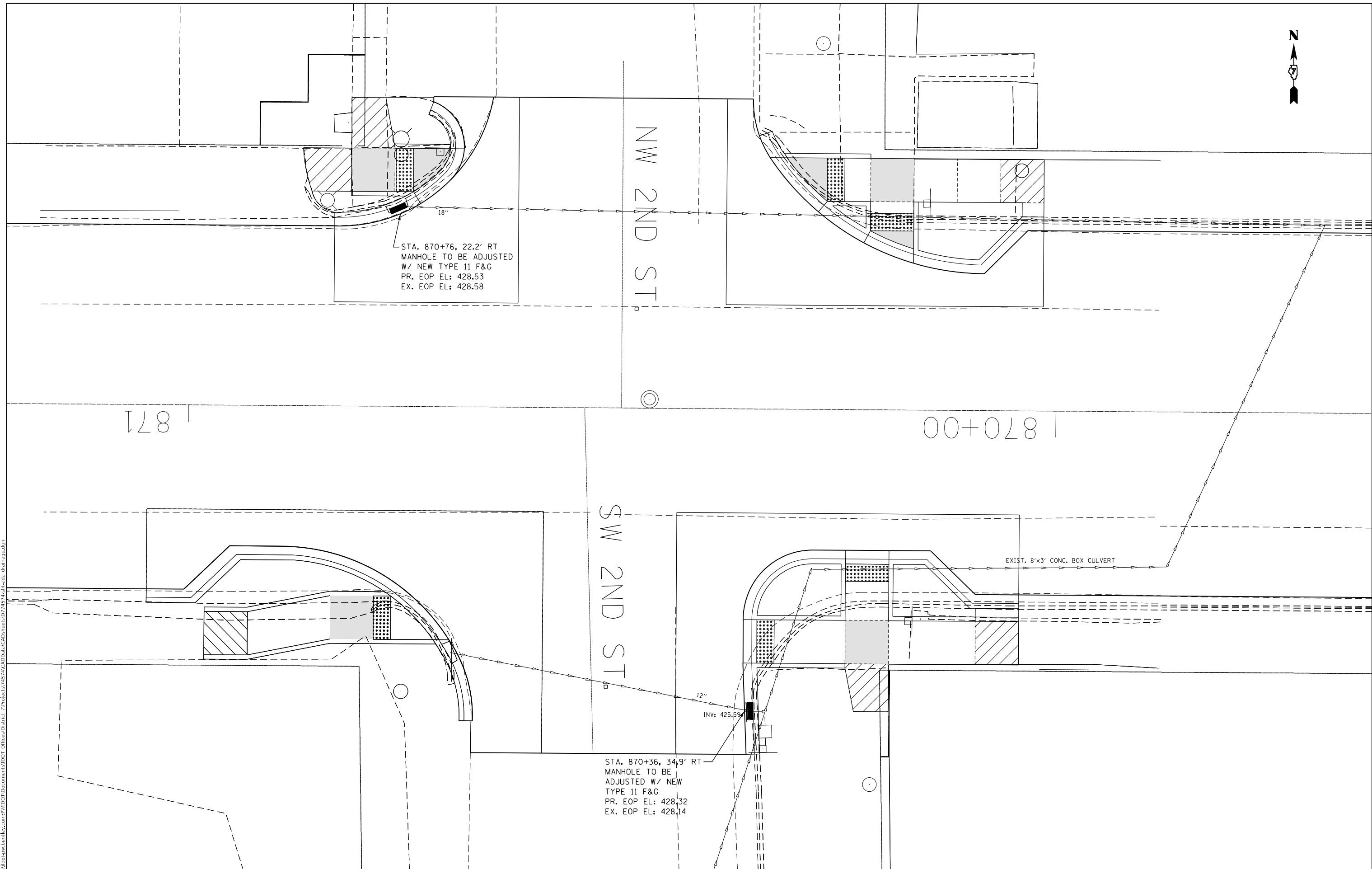
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE
SECTION OF MAIN AND SE 2ND STREETS

F.A.P. RTE. 328.823	SECTION 20RS-4, 24Z RS-1	COUNTY WAYNE	TOTAL SHEETS 148	SHEET NO. 109
CONTRACT NO. 74574				
ILLINOIS FED. AID PROJECT				

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STA. 870+76, 22.2' RT
 MANHOLE TO BE ADJUSTED
 W/ NEW TYPE 11 F&G
 PR. EOP EL: 428.53
 EX. EOP EL: 428.58

STA. 870+36, 34.9' RT
 MANHOLE TO BE
 ADJUSTED W/ NEW
 TYPE 11 F&G
 PR. EOP EL: 428.32
 EX. EOP EL: 428.14

EXIST. 8'x3' CONC. BOX CULVERT

12"
 INV: 425.69

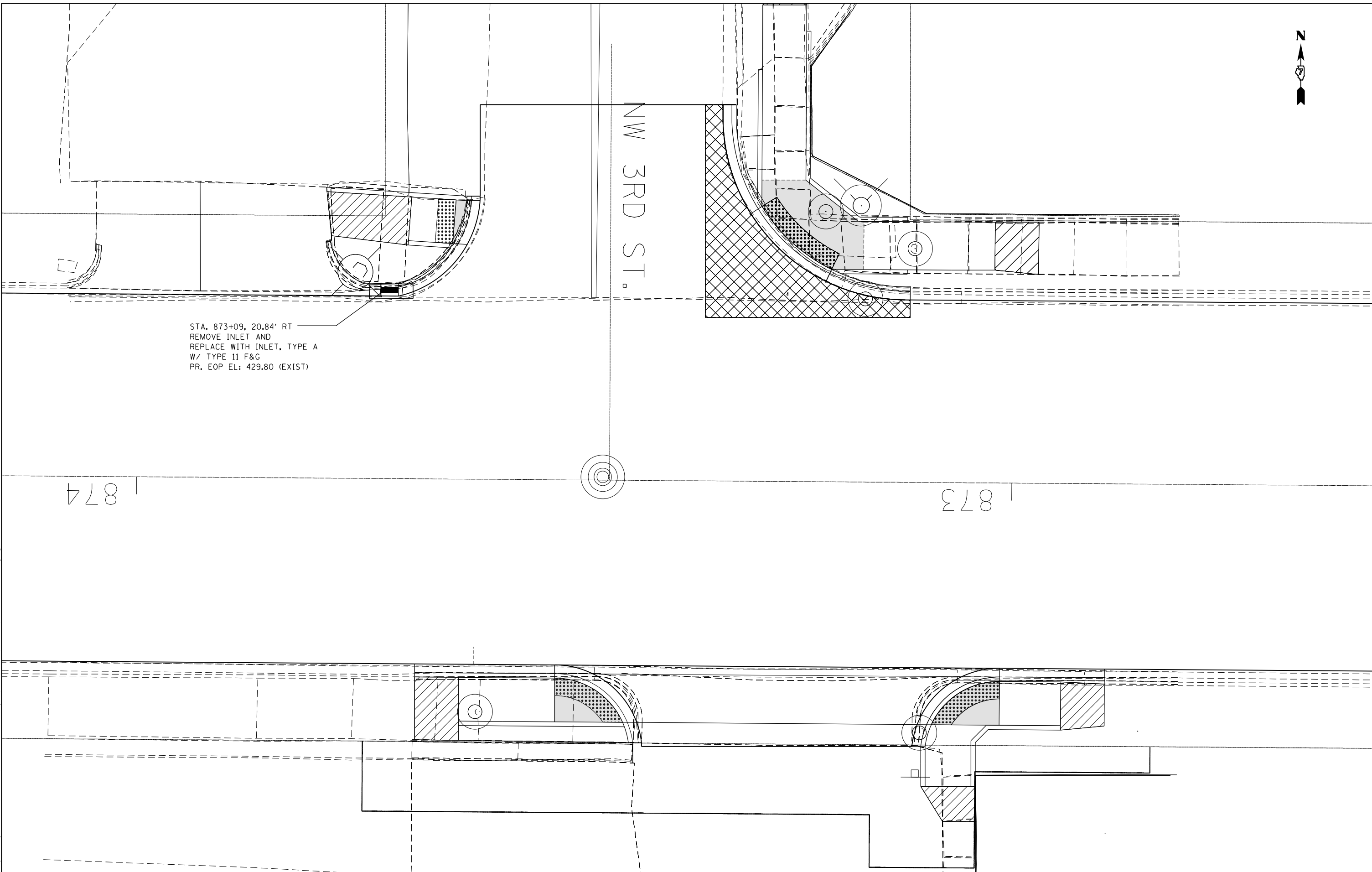
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	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRAINAGE			
INTERSECTION OF MAIN AND NW 2ND STREETS			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328.823	20RS-4, 24Z RS-1	WAYNE	148	110
CONTRACT NO. 74574				
ILLINOIS FED. AID PROJECT				



STA. 873+09, 20.84' RT
 REMOVE INLET AND
 REPLACE WITH INLET, TYPE A
 W/ TYPE 11 F&G
 PR. EOP EL: 429.80 (EXIST)

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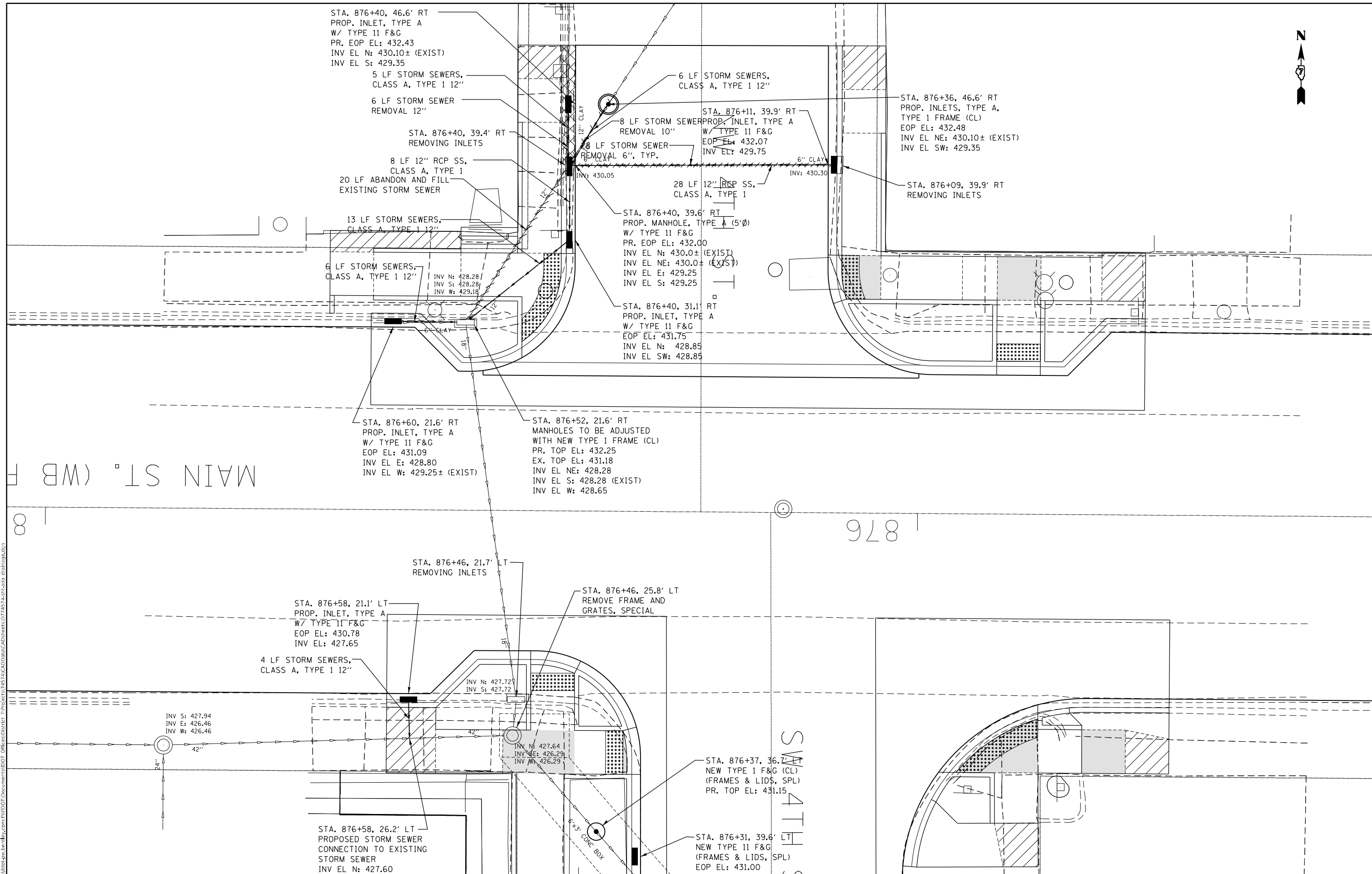
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	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRAINAGE
INTERSECTION OF MAIN AND NW 3RD STREETS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 328.823	SECTION 20RS-4, 24Z RS-1	COUNTY WAYNE	TOTAL SHEETS 148	SHEET NO. 111
CONTRACT NO. 74574			ILLINOIS FED. AID PROJECT	



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PLOT DATE = 9/6/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE	
INTERSECTION OF MAIN AND NW 4TH STREETS	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
828.823	20RS-4, 24Z RS-1	WAYNE	148	112
CONTRACT NO. 74574				
ILLINOIS FED. AID PROJECT				



NW
7TH ST.

SW
7TH ST.

887

888

STA. 877+62, 21.2' LT
MANHOLE TO BE
ADJUSTED W/ NEW
TYPE 11 F&G
PR. EL: 442.34
EX. EL: 442.30

INV: 438.94

18"

MODEL: Default
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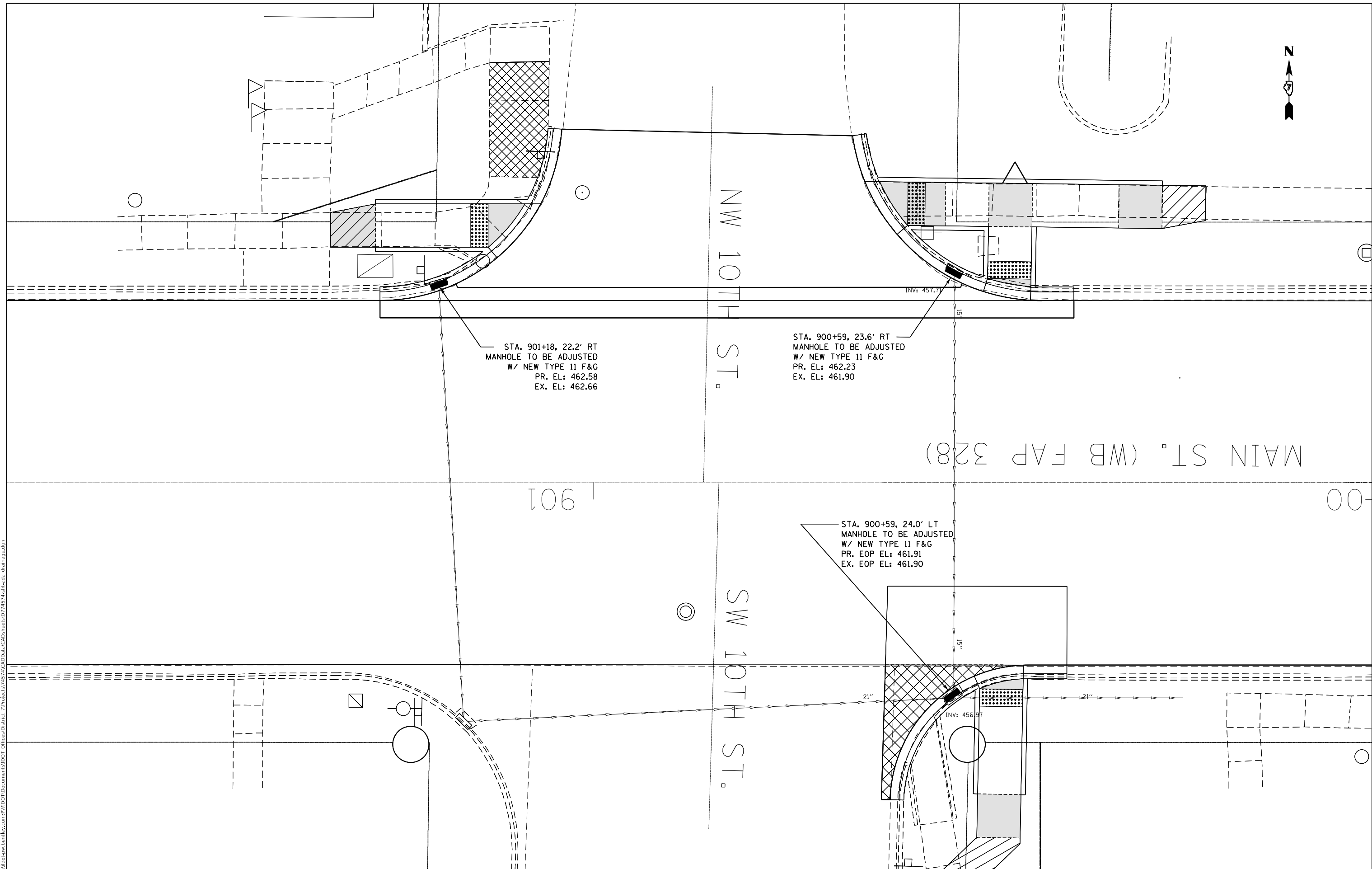
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE
INTERSECTION OF MAIN AND SW 7TH STREETS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 328.823	SECTION 20RS-4, 24Z RS-1	COUNTY WAYNE	TOTAL SHEETS 148	SHEET NO. 113
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74574	



USER NAME = Mona.Steffen	DESIGNED -	REVISED -
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PLOT DATE = 9/6/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE			
INTERSECTION OF MAIN AND SW 10TH STREETS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE. 328.823	SECTION 20RS-4, 24Z RS-1	COUNTY WAYNE	TOTAL SHEETS 148	SHEET NO. 114
CONTRACT NO. 74574				
ILLINOIS FED. AID PROJECT				

TRAFFIC SIGNAL GENERAL NOTES

THIS TRAFFIC SIGNAL PORTION OF THIS PROJECT CONSISTS OF TRAFFIC SIGNAL MODIFICATIONS AT 4 SEPARATE INTERSECTIONS LOCATED ON NW 7TH AND NW 1ST STREETS ALONG MAIN AND DELAWARE (II 15) ALL IN THE CITY OF FAIRFIELD, WAYNE COUNTY. THE WORK INCLUDED IN THIS SECTION CONSISTS OF INSTALLING TRAFFIC SIGNALS AND ALL OTHER WORK NECESSARY TO COMPLETE THIS PORTION OF THIS PROJECT.

THE EXISTING UTILITY LINES ARE SHOWN ON THE PLANS TO INDICATE THEIR PRESENCE AND APPROXIMATE LOCATION. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING CONSTRUCTION. CALL J.U.L.I.E. AT 1-800-892-0123. THE TRAFFIC SIGNAL UTILITY LINES WILL BE LOCATED BY IDOT, CALL 217-342-3951.

THE TRAFFIC SIGNAL ENGINEER AT THE ILLINOIS DEPARTMENT OF TRANSPORTATION SHALL BE NOTIFIED AT 217-342-8291 AT LEAST 72 HOURS PRIOR TO TURNING ON ANY FLASHER OR CONTROLLER UNIT.

THE SIZE OF THE CABLE SUPPLIED SHALL BE EQUAL TO OR GREATER THAN THE SIZE OF THE CABLE REQUIRED TO CARRY THE LOAD BETWEEN THE CONTROLLER AND THE SERVICE INSTALLATION

A 2 FOOT MINIMUM, 6 FOOT DESIRABLE, HORIZONTAL CLEARANCE SHALL BE MAINTAINED FROM THE BACK OF CURB TO THE EDGE OF HANDHOLES, JUNCTION BOXES AND SIGNAL POST FOUNDATIONS. A 5 FOOT MINIMUM HORIZONTAL CLEARANCE SHALL BE MAINTAINED FROM THE BACK OF THE CURB TO ALL MAST ARM FOUNDATIONS. CONTROLLER FOUNDATIONS SHALL BE LOCATED AS FAR FROM THE BACK OF THE CURB AS POSSIBLE TO PROTECT THE CONTROLLER CABINET.

ALL HARDWARE SHALL BE TIGHTENED AND WELL SECURED. CABLES SHALL BE NEATLY WOUND IN HANDHOLES. CABLES SHALL BE NEATLY TRAINED IN THE CONTROLLER CABINET.

ALL THREADS OF BOLTS USED IN ASSEMBLY OF TRAFFIC SIGNAL COMPONENTS SHALL BE COATED WITH A NON-LEAD BASED ANTI-SEIZE COMPOUND, SIMILAR TO LEAD PLATE, PRIOR TO ASSEMBLY.

NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 2 FOOT MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.

THE CONTRACTOR IS RESPONSIBLE FOR UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THE COST OF THIS WORK IS TO BE INCLUDED WITH THE ELECTRICAL WORK PAY ITEM.

THE NUMBER OF CONDUCTORS FOR ELECTRIC CABLES AS SHOWN ON THE PLANS SHALL BE THE MINIMUM NUMBER OF CONDUCTORS FURNISHED FOR EACH LOCATION. THE CONTRACTOR MAY SUBSTITUTE AN ELECTRIC CABLE WITH MORE CONDUCTORS THAN SPECIFIED BUT NO ADDITIONAL COMPENSATION WILL BE MADE FOR THE EXTRA CONDUCTORS.

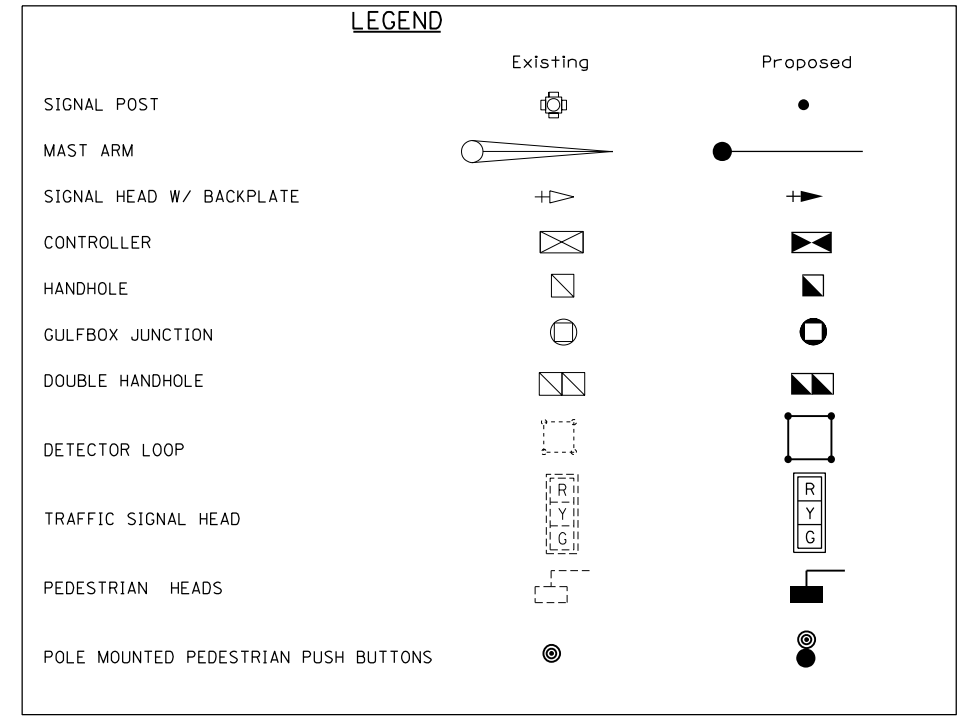
ALL NEW TRAFFIC SIGNAL WIRING SHALL EXTEND FROM CONTROLLER TO SIGNAL. SPLICES IN HANDHOLES WILL BE ALLOWED ONLY FOR DETECTOR LOOPS IN THE FIRST HANDHOLE OR GULFBOX.

ALL MAST ARM MOUNTED SIGNAL HEADS ON AN INDIVIDUAL MAST ARM SHALL BE MOUNTED SO THAT THE RED INDICATIONS ARE LEVEL WITH EACH OTHER.

ALL MAST ARM MOUNTED SIGNAL HEADS SHALL BE MOUNTED AS TO ALIGN WITH THE CENTER OF THE LANE.

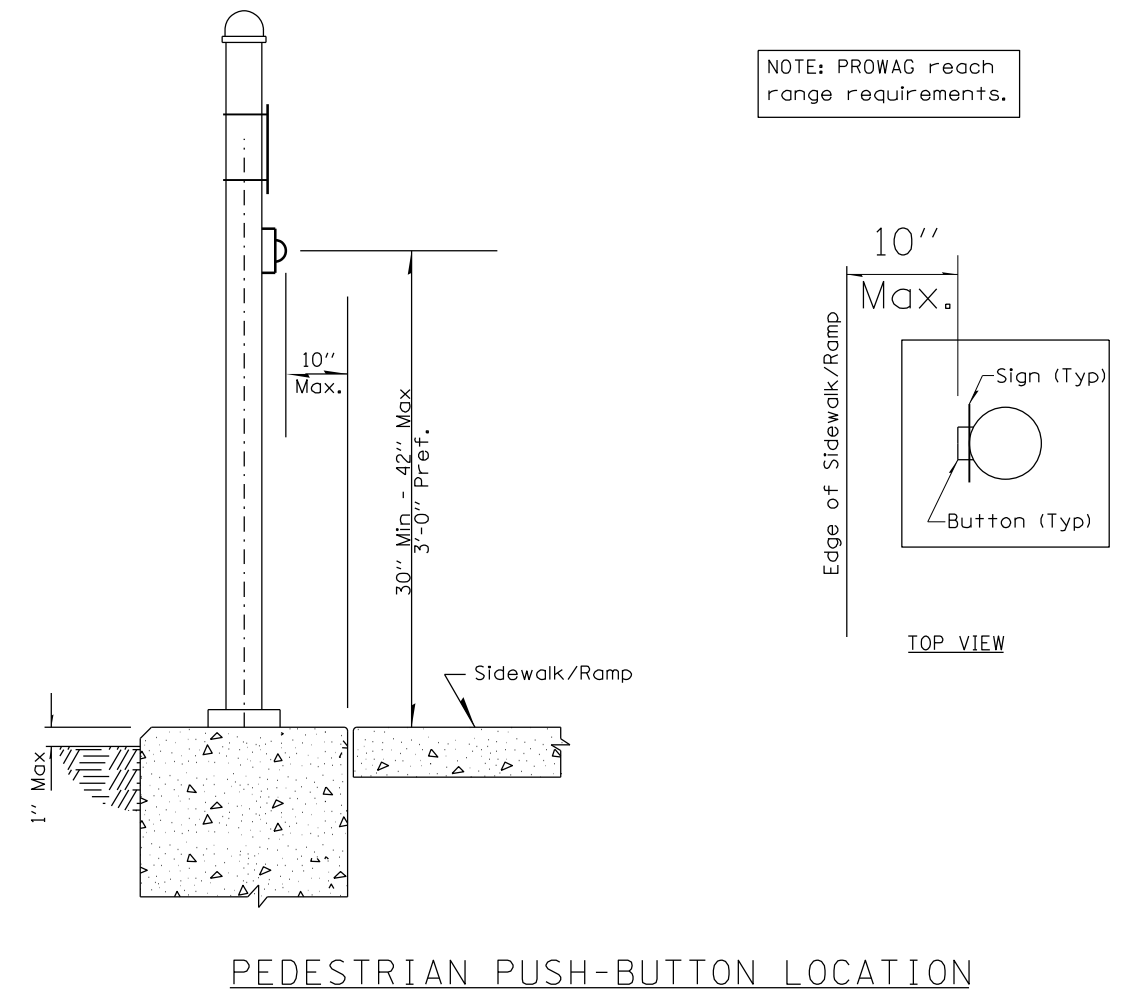
TRAFFIC SIGNAL HEADS SHALL BE PROPERLY COVERED PRIOR TO INTERSECTION TURN-ON OR AS DIRECTED BY THE ENGINEER. THIS COST SHALL BE INCLUDED WITH THE COST OF THE ASSOCIATED SIGNAL HEAD PAY ITEMS.

ALL TRAFFIC SIGNAL MAST ARM ASSEMBLIES (STANDARD, COMBINATION, OR DUAL) MUST BE DESIGNED FOR THE LOADINGS SHOWN ON THE HIGHWAY STANDARDS OR THESE SIGNAL PLANS, WHICHEVER IS GREATER.



NUMBER OF TURNS REQUIRED IN DETECTOR LOOPS

		LOOP SIZE IN (FT)				NUMBER OF TURNS
		6 X 30		6 X 40		
		DISTANCE FROM CONTROLLER (FT)				
		0	491	0	627	2 TURNS
		492	982	628	1255	3 TURNS
0	545	983	1636	1256	2091	4 TURNS
546	818	1637	2455	2092	3136	5 TURNS
819	1145	2456	3436			6 TURNS
1146	1527					7 TURNS
1528	1964					8 TURNS
1965	2455					9 TURNS
2456	3000					10 TURNS



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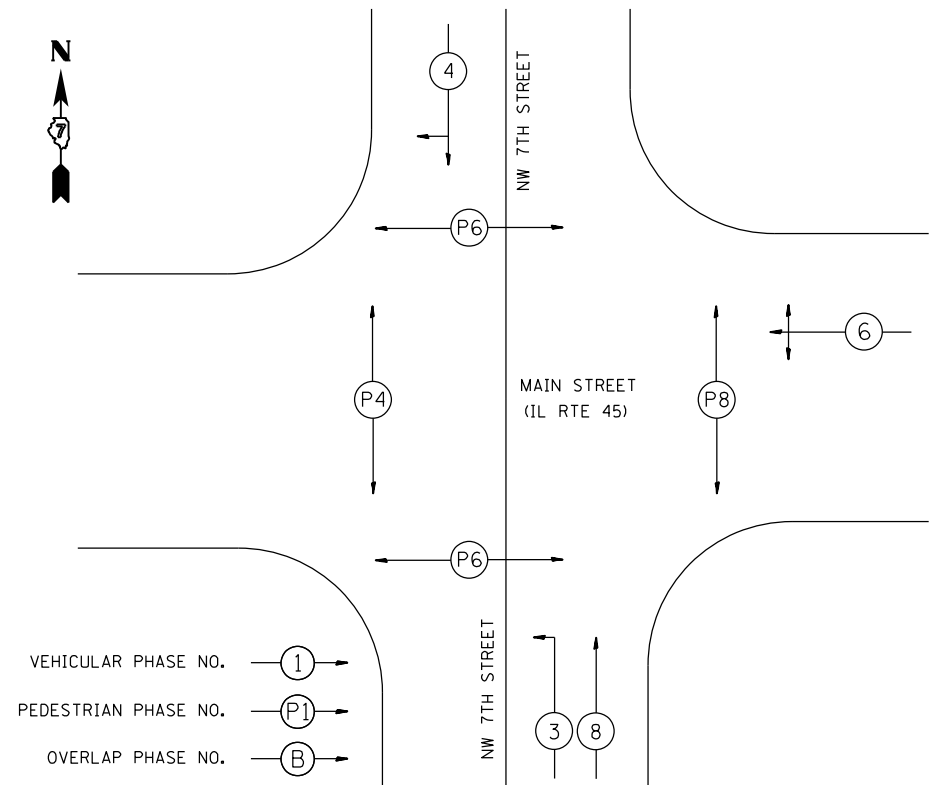
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	DRAWN -	REVISED -
PLOT SCALE = 10,0000 */ in.	CHECKED -	REVISED -
PLOT DATE = 9/6/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

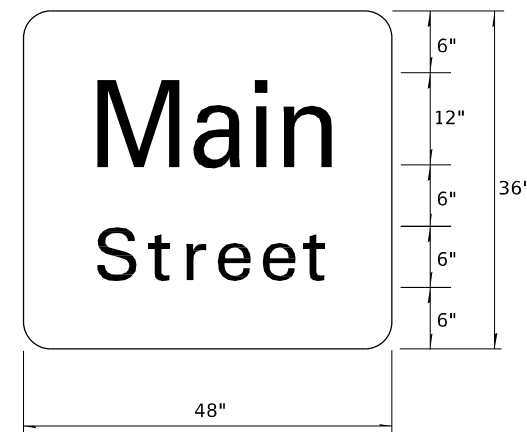
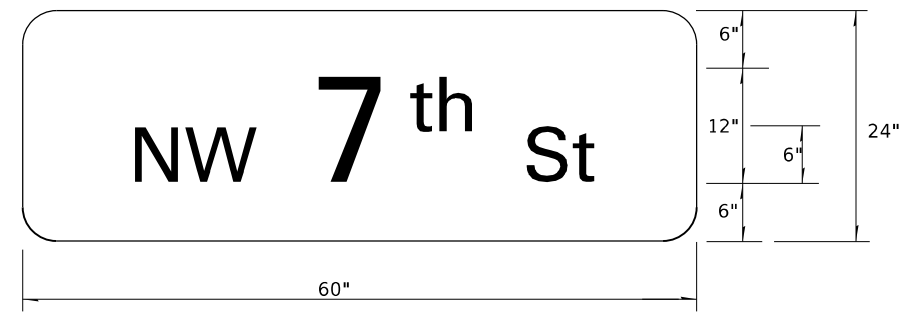
**INTERSECTION OF NW 7th & MAIN ST
DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
028/823	20RS-4, 24Z RS-1	WAYNE	148	115
CONTRACT NO. 74574				
ILLINOIS FED. AID PROJECT				

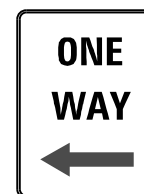


PHASE DESIGNATION DIAGRAM
NW 7TH AND MAIN STREET
NO SCALE

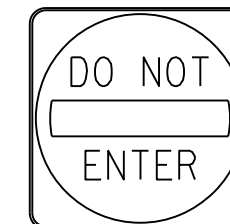


1. SIGN SHALL HAVE A WHITE REFLECTORIZED LEGEND AND BORDER ON A GREEN REFLECTORIZED BACKGROUND.
2. AP SHEETING.
3. UPPER/LOWER CASE LETTERS, HIGHWAY D.

TO BE INSTALLED ON WESTBOUND MAST ARM (STA 887+65 26.4' RT)



24" x 30"
Black on White
MUTCD SIGN DESIGNATION R6-2



36" x 36"
Red on White
MUTCD SIGN DESIGNATION R5-1

TO BE INSTALLED ON SIGNAL POST (STA 887+53.50, 42' RT) 2 EACH
TO BE INSTALLED ON EXISTING SIGNAL POST (STA 887+06, 33' LT) 2 EACH

POST MOUNTED FACING WEST ON EASTSIDE OF INTERSECTION

SIGN PANEL DETAILS

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USER NAME = Mona.Steffen	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 9/6/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION OF NW 7th & MAIN ST DETAILS			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
020/823	20RS-4, 24Z RS-1	WAYNE	148	116
			CONTRACT NO. 74574	
		ILLINOIS	FED. AID PROJECT	

BILL OF MATERIALS-NW 7th & MAIN STREET

CODE	ITEM	UNIT	QUANTITY
72000100	SIGN PANEL TYPE 1	SQFT	29
72000200	SIGN PANEL TYPE 2	SQFT	22
81028310	UNDERGROUND CONDUIT, PVC, 3/4" DIA	FOOT	68
81028320	UNDERGROUND CONDUIT, PVC, 1" DIA	FOOT	63
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA	FOOT	49
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA	FOOT	9
81400100	HANDHOLE	EACH	2
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO 14 3C	FOOT	1172
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO 14 5C	FOOT	805
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO 14 7C	FOOT	820
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO 6 1C	FOOT	345
87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT	EACH	2
87502520	TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT	EACH	2
87601100	PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE1	EACH	7
87700210	STEEL MAST ARM ASSEMBLY AND POLE, 34 FT	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	6
87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	13.5
88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	2
88102845	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	4
88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	7

CODE	ITEM	UNIT	QUANTITY
88600100	DETECTOR LOOP, TYPE I	FOOT	624
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	1949
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
89502380	REMOVE EXISTING HANDHOLE	EACH	2
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	3
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8

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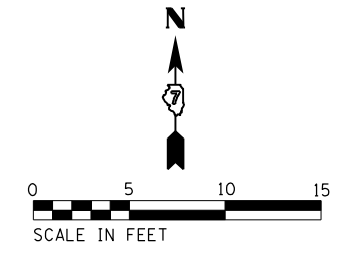
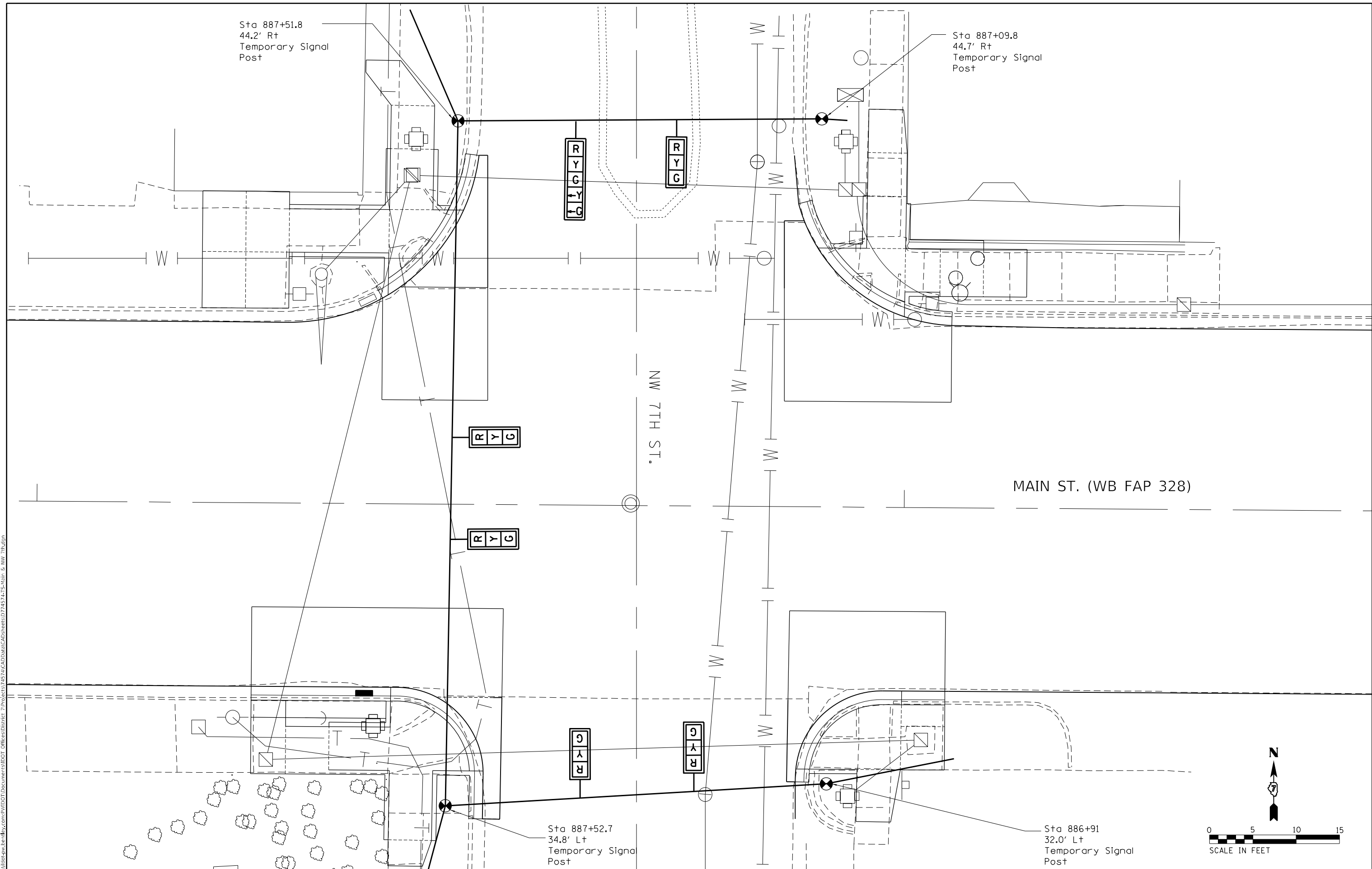
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INTERSECTION OF NW 7th & MAIN ST			
BILL OF MATERIALS			
SCALE:	SHEET	OF	SHEETS
		STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
020/823	20RS-4, 24Z RS-1	WAYNE	148	117
CONTRACT NO. 74574				
		ILLINOIS	FED. AID PROJECT	

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USER NAME = Mona.Steffen	DESIGNED -	REVISED -
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PLOT SCALE = 10,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 9/6/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION OF NW 7th & MAIN ST
TEMPORARY SIGNALS

F.A.P. RTE. 328/823	SECTION 20RS-4, 24Z RS-1	COUNTY WAYNE	TOTAL SHEETS 148	SHEET NO. 118
CONTRACT NO. 74574				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.

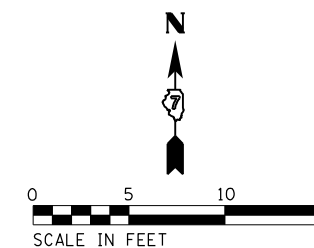
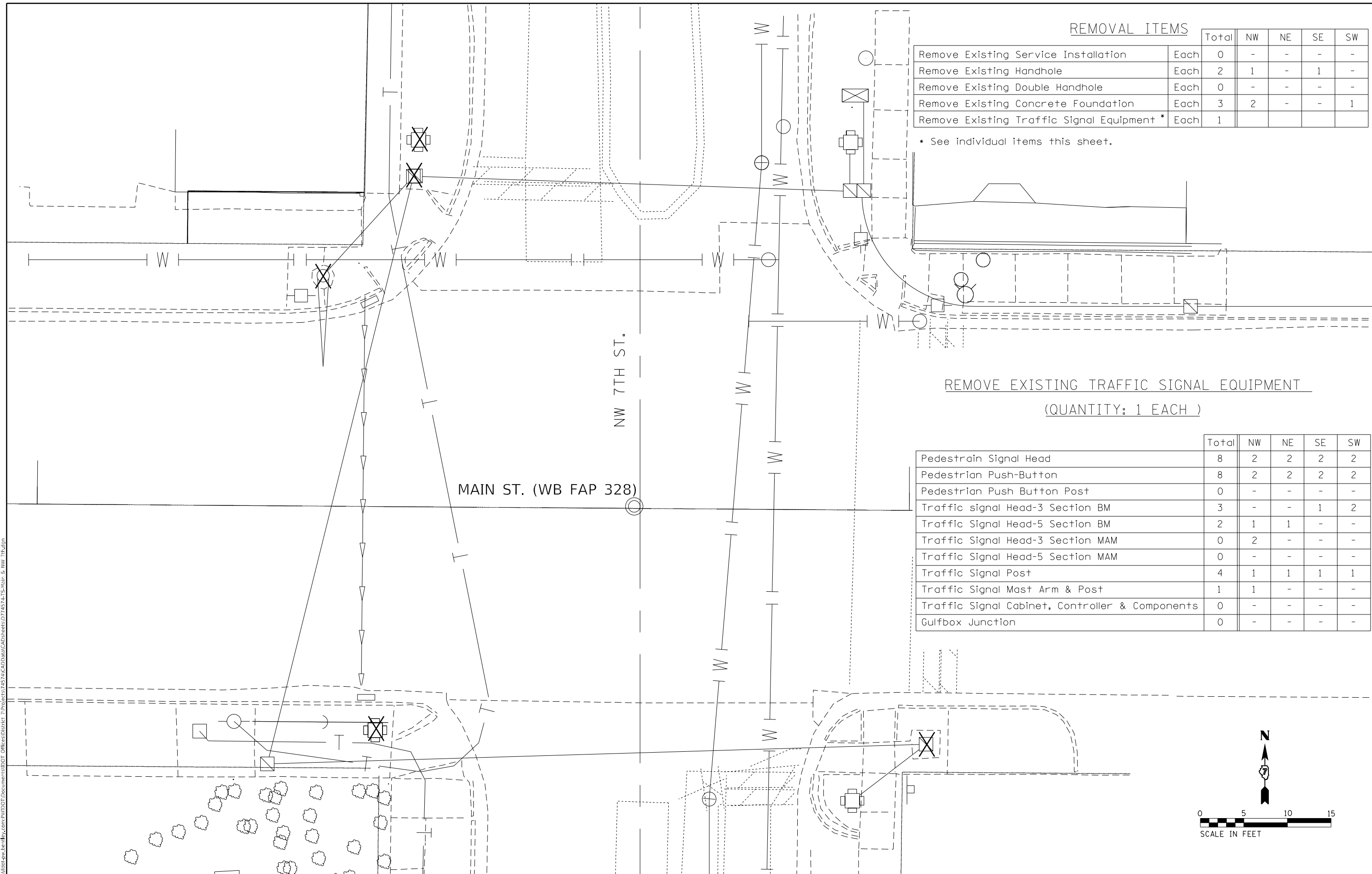
REMOVAL ITEMS

	Total	NW	NE	SE	SW
Remove Existing Service Installation	Each 0	-	-	-	-
Remove Existing Handhole	Each 2	1	-	1	-
Remove Existing Double Handhole	Each 0	-	-	-	-
Remove Existing Concrete Foundation	Each 3	2	-	-	1
Remove Existing Traffic Signal Equipment *	Each 1				

* See individual items this sheet.

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
(QUANTITY: 1 EACH)

	Total	NW	NE	SE	SW
Pedestrian Signal Head	8	2	2	2	2
Pedestrian Push-Button	8	2	2	2	2
Pedestrian Push Button Post	0	-	-	-	-
Traffic signal Head-3 Section BM	3	-	-	1	2
Traffic Signal Head-5 Section BM	2	1	1	-	-
Traffic Signal Head-3 Section MAM	0	2	-	-	-
Traffic Signal Head-5 Section MAM	0	-	-	-	-
Traffic Signal Post	4	1	1	1	1
Traffic Signal Mast Arm & Post	1	1	-	-	-
Traffic Signal Cabinet, Controller & Components	0	-	-	-	-
Gulfbox Junction	0	-	-	-	-



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	DRAWN -	REVISED -
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PLOT DATE = 9/6/2022	DATE -	REVISED -

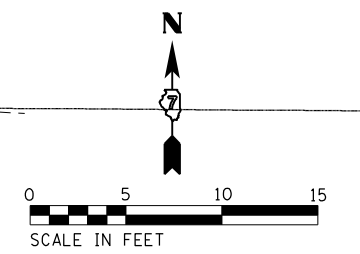
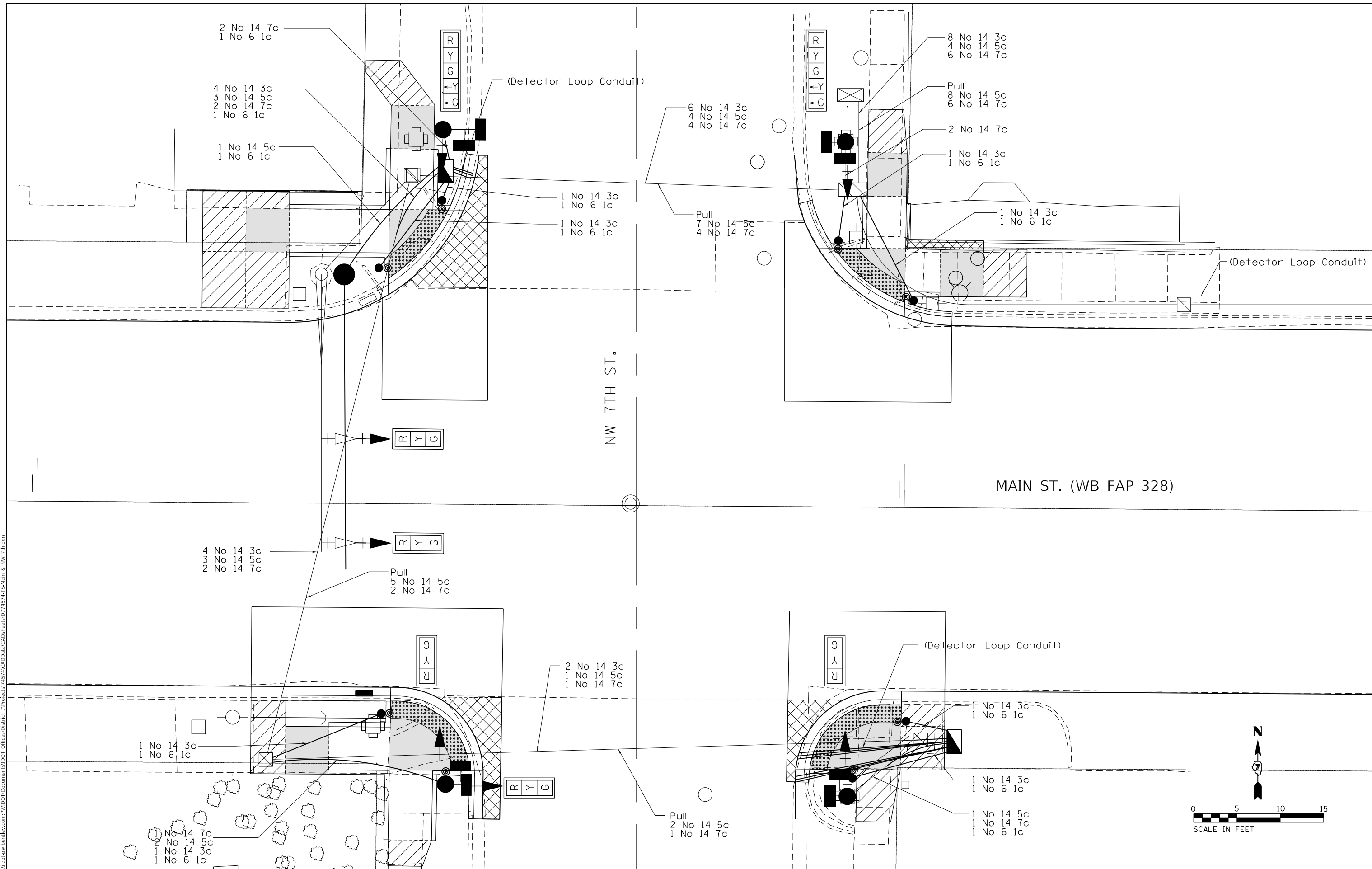
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF NW 7th & MAIN ST
TRAFFIC SIGNAL REMOVAL ITEMS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
828/823	20RS-4.24Z RS-1	WAYNE	148	119
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74574	

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PLOT SCALE = 10,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 9/6/2022	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF NW 7th & MAIN ST
 CABLE LAYOUT**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 328/823	SECTION 20RS-4, 24Z RS-1	COUNTY WAYNE	TOTAL SHEETS 148	SHEET NO. 121
				CONTRACT NO. 74574
ILLINOIS FED. AID PROJECT				



SOIL BORING LOG

ROUTE FAP 328 DESCRIPTION Intersection of 7th Street and Main LOGGED BY E. Sandschafer
 SECTION 20RS-4, 24Z RS-1 LOCATION NE 1/4, SEC. 1, TWP. 2S, RNG. 7E, 3rd PM,
Latitude N 38.379611, Longitude W 88.368736
 COUNTY Wayne DRILLING METHOD Hollow stem auger & split spoon HAMMER Auto 140#

STRUCT. NO.	Station	D E P T H ft	B L O W S (ft)	U C S (/6")	M O I S T S T (tsf)	SOIL	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After
<u>Traffic Signal</u>	<u>887+65 26.4' RT</u>						<u>NA</u>	<u>NA</u>		<u>Dry</u>	<u>Dry</u>	<u>Backfilled</u>
<u>3 (Southwest Corner)</u>	<u>73' West of 7th Street</u>											
	<u>15.0 ft South of Main</u>											
	<u>443.09</u>											
6-1/4" Asphalt over 7-3/4" Concrete												
	<u>441.99</u>											
Brown, CLAY												
			<u>1</u>									
Very stiff, moist, grey mottled brown												
			<u>3</u>	<u>2.9</u>	<u>25</u>							
			<u>4</u>	<u>B</u>								
			<u>-5</u>	<u>3</u>								
Stiff, grey and brown marbled												
			<u>3</u>	<u>1.5</u>	<u>19</u>							
			<u>4</u>	<u>B</u>								
			<u>1</u>									
			<u>2</u>	<u>1.2</u>	<u>21</u>							
			<u>3</u>	<u>B</u>								
			<u>-10</u>	<u>1</u>								
Very stiff												
			<u>3</u>	<u>2.1</u>	<u>23</u>							
			<u>4</u>	<u>B</u>								
	<u>431.09</u>											
Stiff, moist, brown and grey marbled, SILTY CLAY LOAM												
			<u>1</u>									
			<u>3</u>	<u>1.3</u>	<u>13</u>							
			<u>7</u>	<u>BS</u>								
	<u>428.09 -15</u>		<u>4</u>									
Very dense, moist, brown, CLAY SHALE												
	<u>427.09</u>		<u>50</u>	<u>4"</u>	<u>4.5</u>	<u>10</u>						
			<u>50</u>	<u>E</u>								
			<u>7/8"</u>									
Benchmark: BM 808 - Chiseled square on Southwest corner of control box at Northeast quadrant of Westbound IL 15 and Northwest 7th Street, Sta 40+25, 47 ft North (WB). End of Boring												
			<u>-20</u>									

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206), WH-Weight of Hammer.
 BBS, form 137 (Rev. 8-99)

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 SOIL BORING 096-0000 CONTRACT #74574 FAIRFIELD TRAFFIC SIGNALS 2020.GPJ IL_DOT.GDT 2/3/21

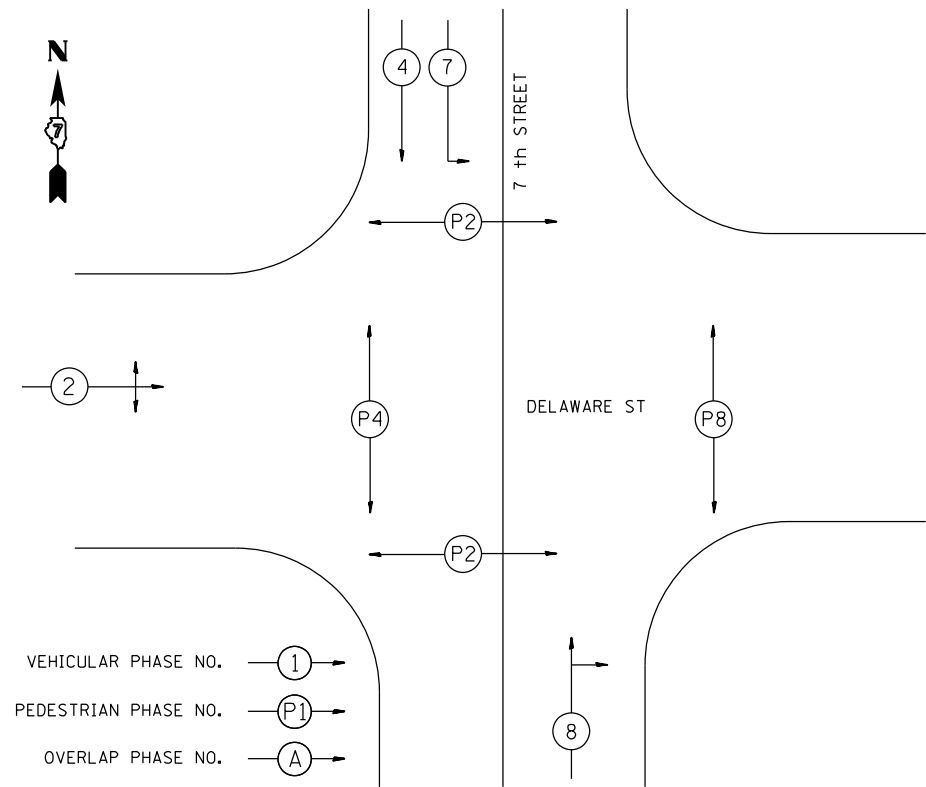
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PLOT DATE = 9/6/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF NW 7th & MAIN ST
SOIL BORINGS**

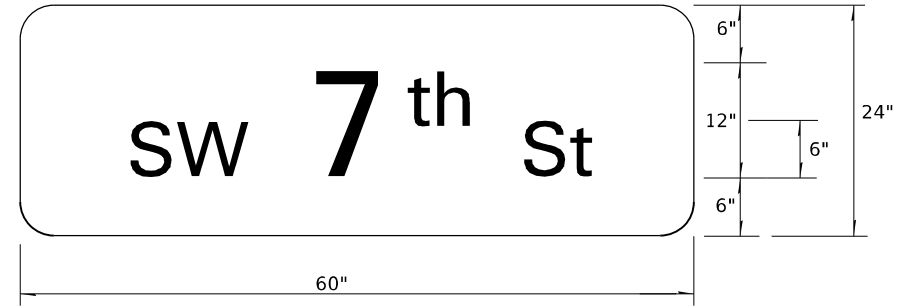
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
020/823	20RS-4, 24Z RS-1	WAYNE	148	123
CONTRACT NO. 74574				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.



PHASE DESIGNATION DIAGRAM
7TH AND DELAWARE STREET
NO SCALE

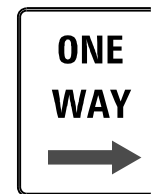
1. SIGN SHALL HAVE A WHITE REFLECTORIZED LEGEND AND BORDER ON A GREEN REFLECTORIZED BACKGROUND.
2. AP SHEETING.
3. UPPER/LOWER CASE LETTERS, HIGHWAY D.



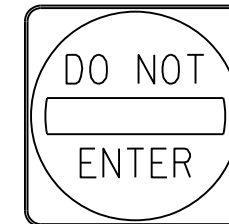
TO BE INSTALLED ON WESTBOUND MAST ARM (STA 85+28.8, 27.8' RT)



TO BE INSTALLED ON WESTBOUND MAST ARM POST TWO SIGNS
ONE ON EACH SIDE OF MAST ARM POST (STA 85+28.8, 27.8' RT)



24"x30"
Black on White
MUTCD SIGN DESIGNATION R6-2



36" X 36"
Red on White
MUTCD SIGN DESIGNATION R5-1

TO BE INSTALLED ON EXISTING SIGNAL POST (STA 84+68, 35.9' LT) 1 EACH
TO BE INSTALLED ON EXISTING SIGNAL POST (STA 85+24, 32' LT) 1 EACH

POST MOUNTED FACING EAST ON WESTSIDE OF INTERSECTION

SIGN PANEL DETAILS

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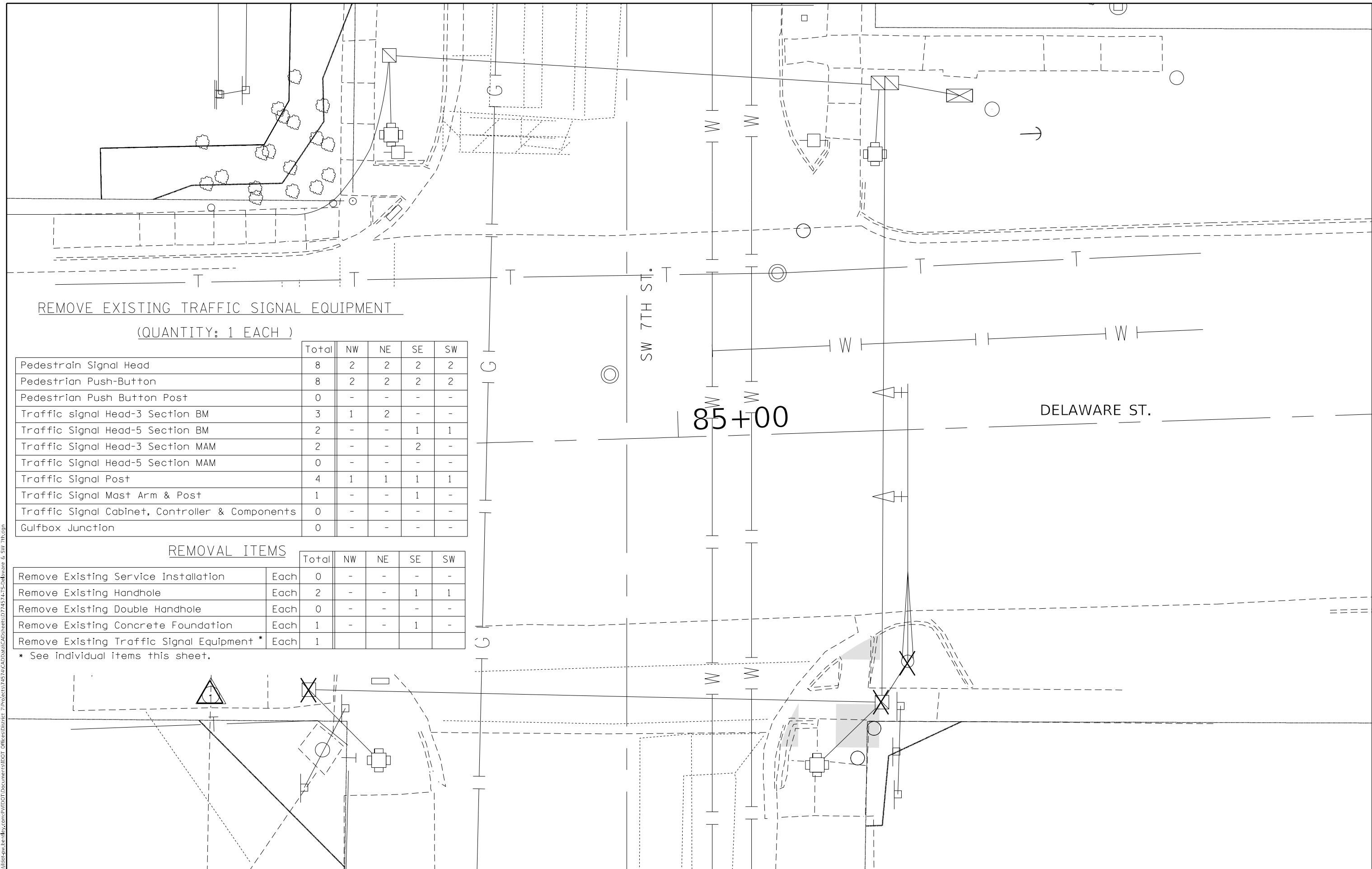
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION OF SW 7th & DELAWARE ST
DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
828/823	20RS-4, 24Z RS-1	WAYNE	148	124
CONTRACT NO. 74574				
ILLINOIS FED. AID PROJECT				

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REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT

(QUANTITY: 1 EACH)

	Total	NW	NE	SE	SW
Pedestrian Signal Head	8	2	2	2	2
Pedestrian Push-Button	8	2	2	2	2
Pedestrian Push Button Post	0	-	-	-	-
Traffic signal Head-3 Section BM	3	1	2	-	-
Traffic Signal Head-5 Section BM	2	-	-	1	1
Traffic Signal Head-3 Section MAM	2	-	-	2	-
Traffic Signal Head-5 Section MAM	0	-	-	-	-
Traffic Signal Post	4	1	1	1	1
Traffic Signal Mast Arm & Post	1	-	-	1	-
Traffic Signal Cabinet, Controller & Components	0	-	-	-	-
Gulfbox Junction	0	-	-	-	-

REMOVAL ITEMS

	Total	NW	NE	SE	SW
Remove Existing Service Installation	Each 0	-	-	-	-
Remove Existing Handhole	Each 2	-	-	1	1
Remove Existing Double Handhole	Each 0	-	-	-	-
Remove Existing Concrete Foundation	Each 1	-	-	1	-
Remove Existing Traffic Signal Equipment *	Each 1				

* See individual items this sheet.

USER NAME = Mona.Steffen	DESIGNED -	REVISED -
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PLOT DATE = 9/6/2022	CHECKED -	REVISED -
	DATE -	REVISED -

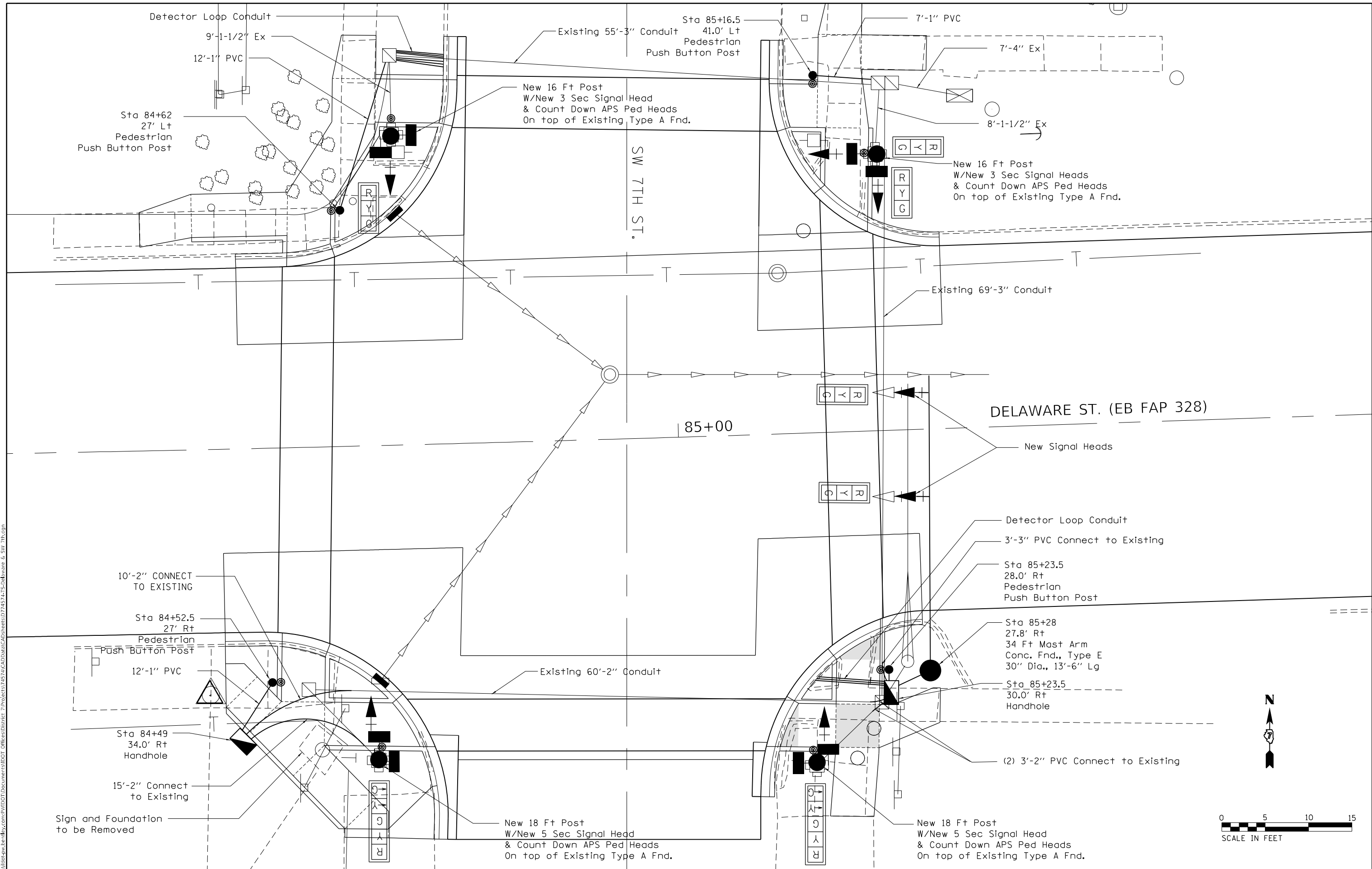
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF SW 7th & DELAWARE ST
TRAFFIC SIGNAL REMOVAL ITEMS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 020/823	SECTION 20RS-4.24Z RS-1	COUNTY WAYNE	TOTAL SHEETS 148	SHEET NO. 126
CONTRACT NO. 74574			ILLINOIS FED. AID PROJECT	

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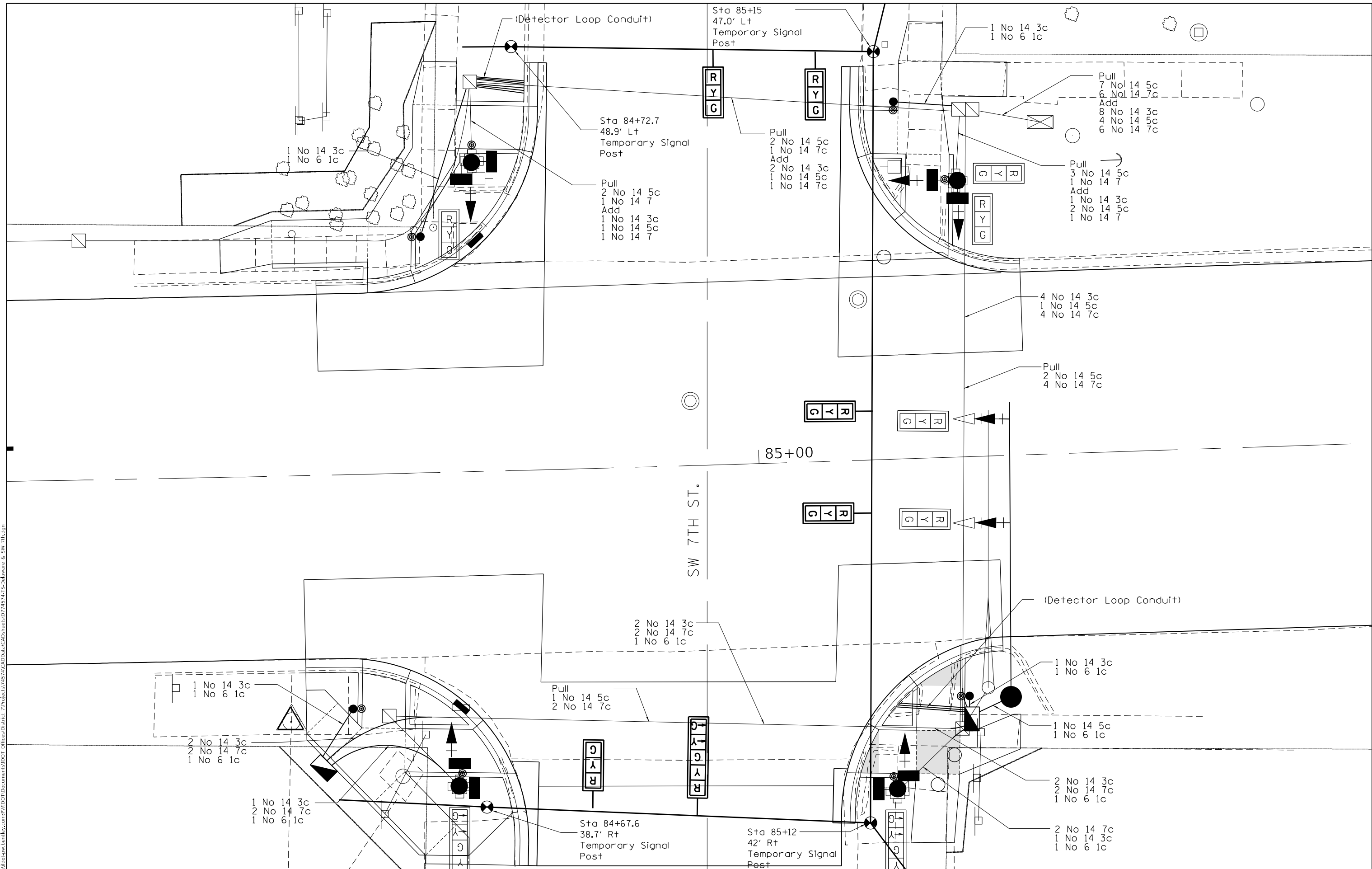
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION OF SW 7th & DELAWARE ST
SIGNAL LAYOUT

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 328/823	SECTION 20RS-4, 24Z RS-1	COUNTY WAYNE	TOTAL SHEETS 148	SHEET NO. 127
CONTRACT NO. 74574				
ILLINOIS FED. AID PROJECT				

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PLOT DATE = 9/6/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

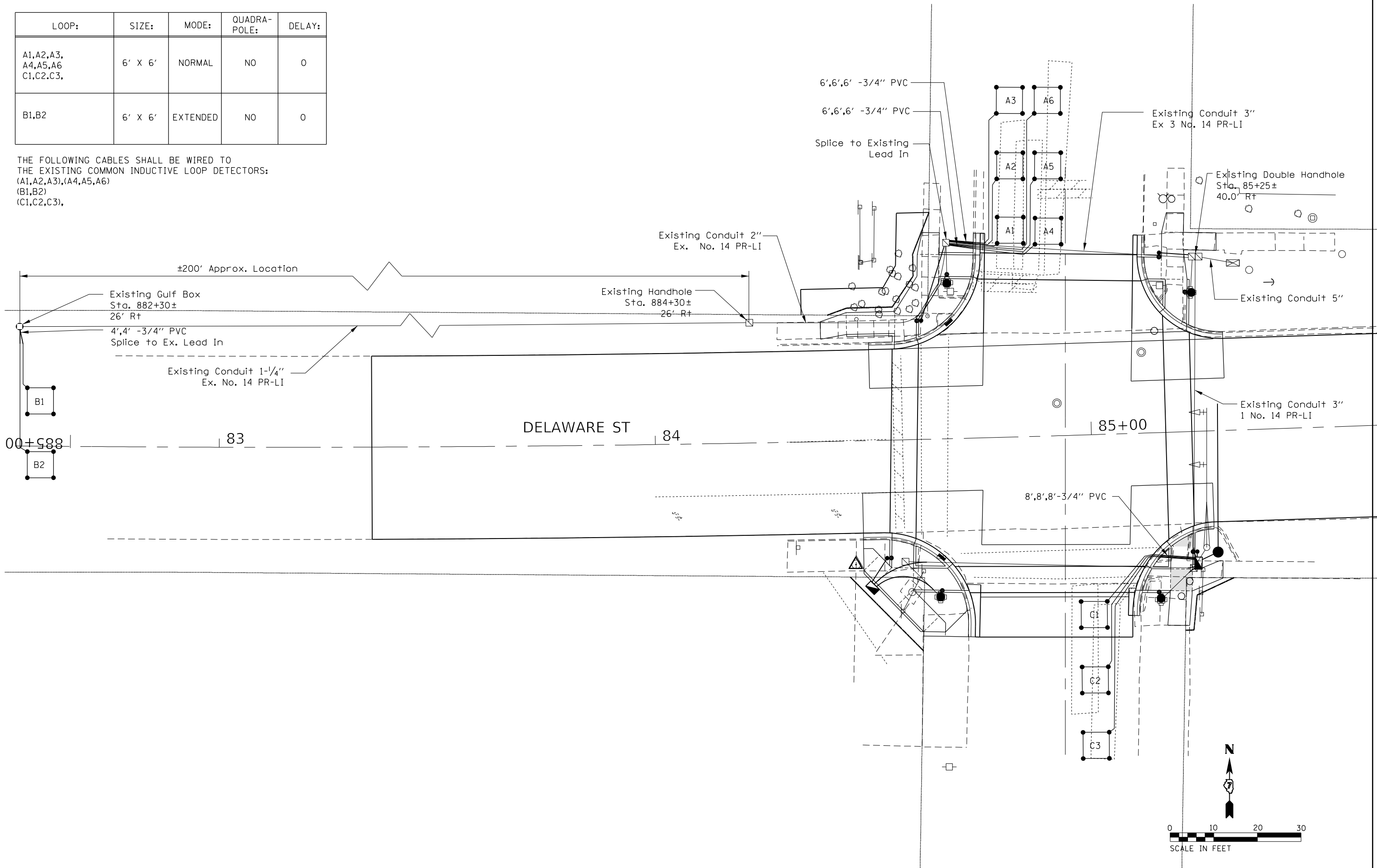
INTERSECTION OF SW 7th & DELAWARE ST
CABLE LAYOUT/TEMPORARY SIGNALS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
828/823	20RS-4, 24Z RS-1	WAYNE	148	128
CONTRACT NO. 74574				
ILLINOIS FED. AID PROJECT				

LOOP:	SIZE:	MODE:	QUADRA-POLE:	DELAY:
A1,A2,A3, A4,A5,A6 C1,C2,C3,	6' X 6'	NORMAL	NO	0
B1,B2	6' X 6'	EXTENDED	NO	0

THE FOLLOWING CABLES SHALL BE WIRED TO THE EXISTING COMMON INDUCTIVE LOOP DETECTORS:
(A1,A2,A3),(A4,A5,A6)
(B1,B2)
(C1,C2,C3),



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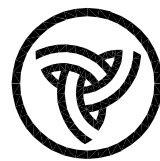
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF SW 7th & DELAWARE ST
DETECTOR LOOPS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
828/823	20R5-4, 24Z R5-1	WAYNE	148	129
CONTRACT NO. 74574				
ILLINOIS FED. AID PROJECT				



SOIL BORING LOG

ROUTE FAP 328 DESCRIPTION Intersection of 7th Street and Delaware LOGGED BY E. Sandschafer
 SECTION 2ORS-4, 24Z RS-1 LOCATION SE 1/4, SEC. 6, TWP. 2S, RNG. 8E, 3rd PM,
 Latitude N 38.378674, Longitude W 88.368333
 COUNTY Wayne DRILLING METHOD Hollow stem auger & split spoon HAMMER Auto 140#

STRUCT. NO.	Station	D E P T H	B L O W S	U C S	M O I S T	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After
		(ft)	(/6")	(tsf)	(%)	NA	NA		Dry	Dry	Backfilled
	Traffic Signal 85+28 27.8' RT										
	1 (Southeast Corner) 43' East of 7th Street 28.0 ft South of Delaware										
	Ground Surface Elev. <u>442.74</u>										
1" Asphalt over 8-1/2" Concrete <u>441.94</u>											
Brown, CLAY											
Very stiff, moist, brown and grey marbled											
			1								
			2	3.1	25						
			5	B							
Stiff											
		-5	3								
			3	1.8	21						
			3	B							
			1								
			3	1.5	21						
			4	B							
			1								
		-10	3	1.8	19						
			4	B							
			17								
	430.24		50	4.5	17						
	429.24		3-1/4	E							
			50								
			3-1/4								
		-15	50								
			1/8"								
		-20									

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206), WH-Weight of Hammer.
 BBS, form 137 (Rev. 8-99)

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 SOIL BORING 096-0000 CONTRACT #74574 FAIRFIELD TRAFFIC SIGNALS 2020.GPJ IL_DOT.GDT 2/3/21

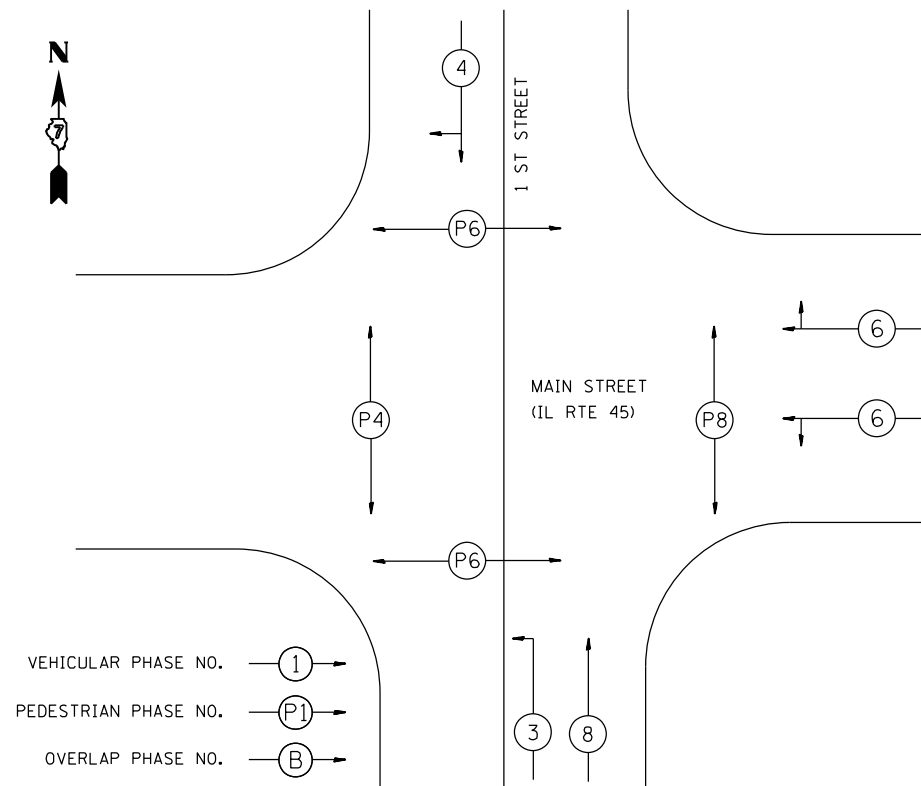
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF NW 7th & DELAWARE ST
SOIL BORINGS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
020/82	2ORS-4, 24Z RS-1	WAYNE	148	130
CONTRACT NO. 74574				
ILLINOIS FED. AID PROJECT				



PHASE DESIGNATION DIAGRAM
1 ST AND MAIN STREET
NO SCALE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION OF 1st & MAIN ST
DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328/823	20RS-4, 24Z RS-1	WAYNE	148	131
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74574	

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT

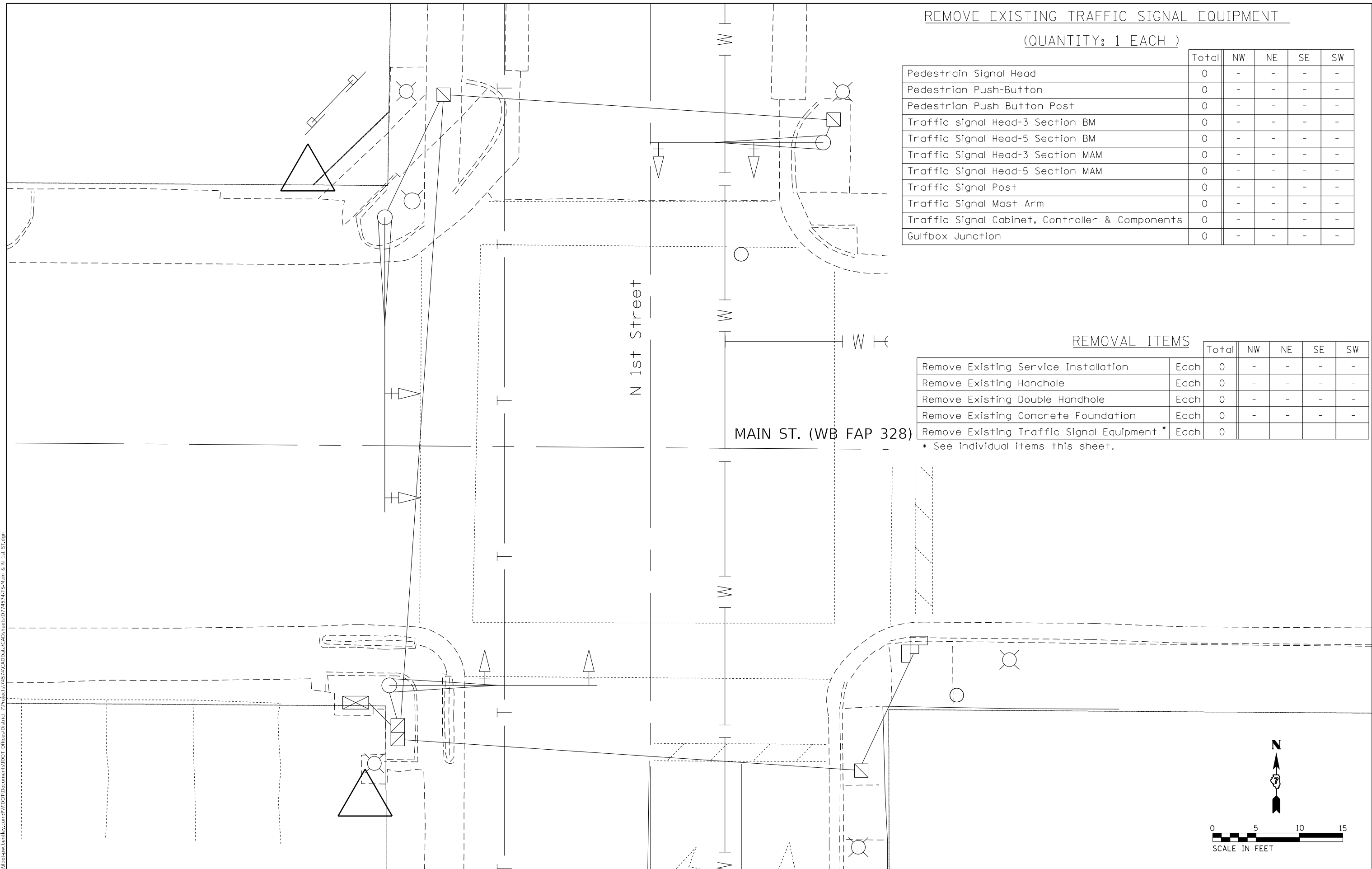
(QUANTITY: 1 EACH)

	Total	NW	NE	SE	SW
Pedestrian Signal Head	0	-	-	-	-
Pedestrian Push-Button	0	-	-	-	-
Pedestrian Push Button Post	0	-	-	-	-
Traffic signal Head-3 Section BM	0	-	-	-	-
Traffic Signal Head-5 Section BM	0	-	-	-	-
Traffic Signal Head-3 Section MAM	0	-	-	-	-
Traffic Signal Head-5 Section MAM	0	-	-	-	-
Traffic Signal Post	0	-	-	-	-
Traffic Signal Mast Arm	0	-	-	-	-
Traffic Signal Cabinet, Controller & Components	0	-	-	-	-
Gulfbbox Junction	0	-	-	-	-

REMOVAL ITEMS

	Total	NW	NE	SE	SW
Remove Existing Service Installation	Each 0	-	-	-	-
Remove Existing Handhole	Each 0	-	-	-	-
Remove Existing Double Handhole	Each 0	-	-	-	-
Remove Existing Concrete Foundation	Each 0	-	-	-	-
Remove Existing Traffic Signal Equipment *	Each 0				

* See individual items this sheet.



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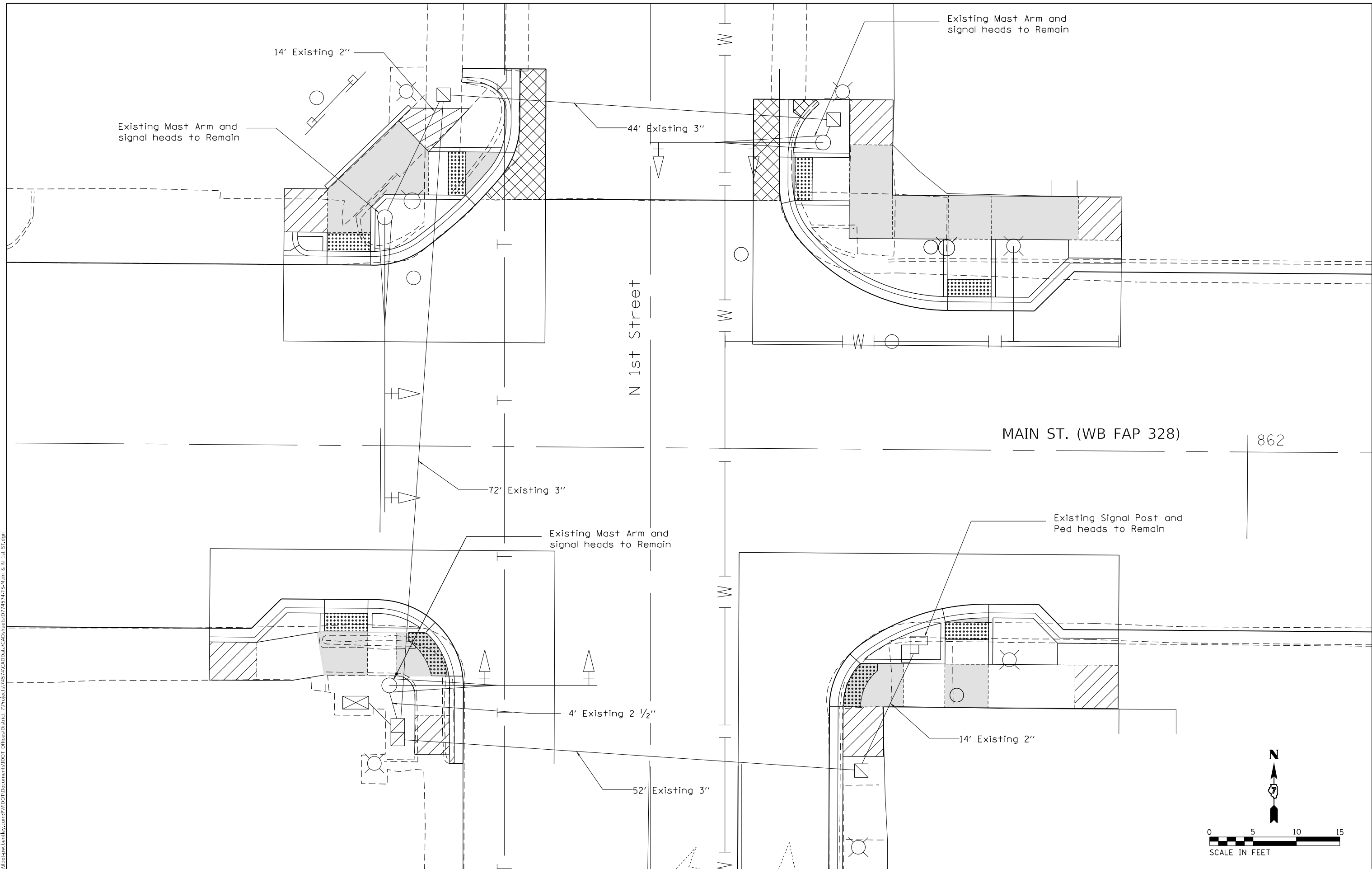
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF 1st & MAIN ST
TRAFFIC SIGNAL REMOVAL ITEMS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 328/823	SECTION 20RS-4,24Z RS-1	COUNTY WAYNE	TOTAL SHEETS 148	SHEET NO. 132
CONTRACT NO. 74574				
ILLINOIS FED. AID PROJECT				

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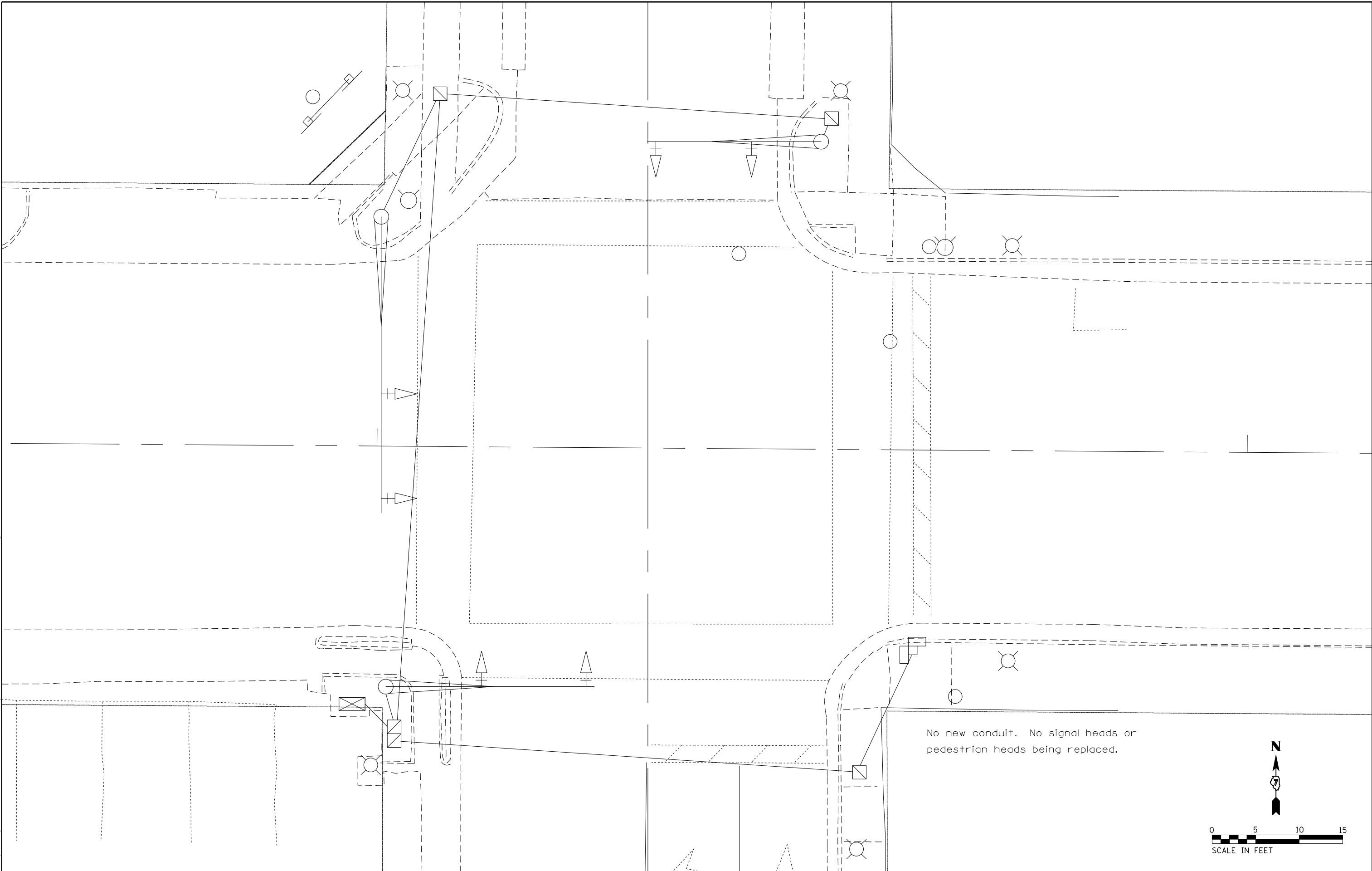
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION OF 1st & MAIN ST
SIGNAL LAYOUT

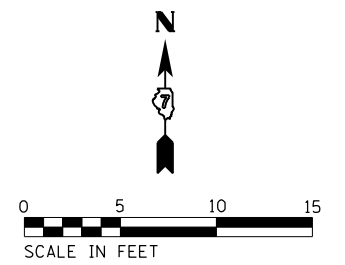
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328/823	20RS-4, 24Z RS-1	WAYNE	148	133
CONTRACT NO. 74574				
ILLINOIS FED. AID PROJECT				



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No new conduit. No signal heads or pedestrian heads being replaced.



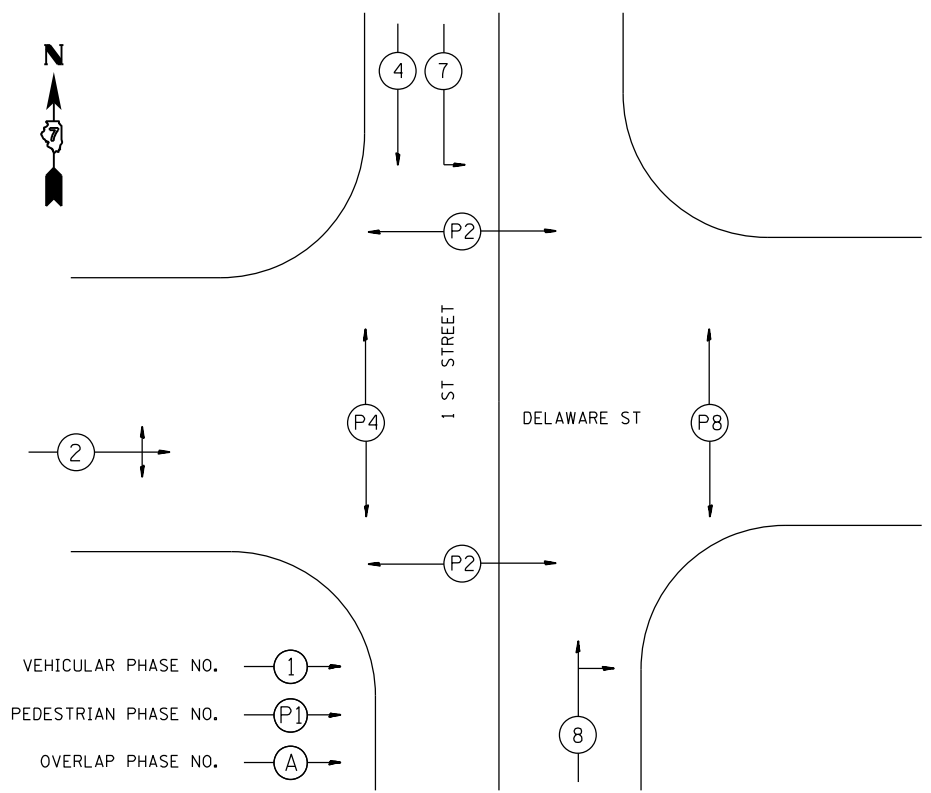
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

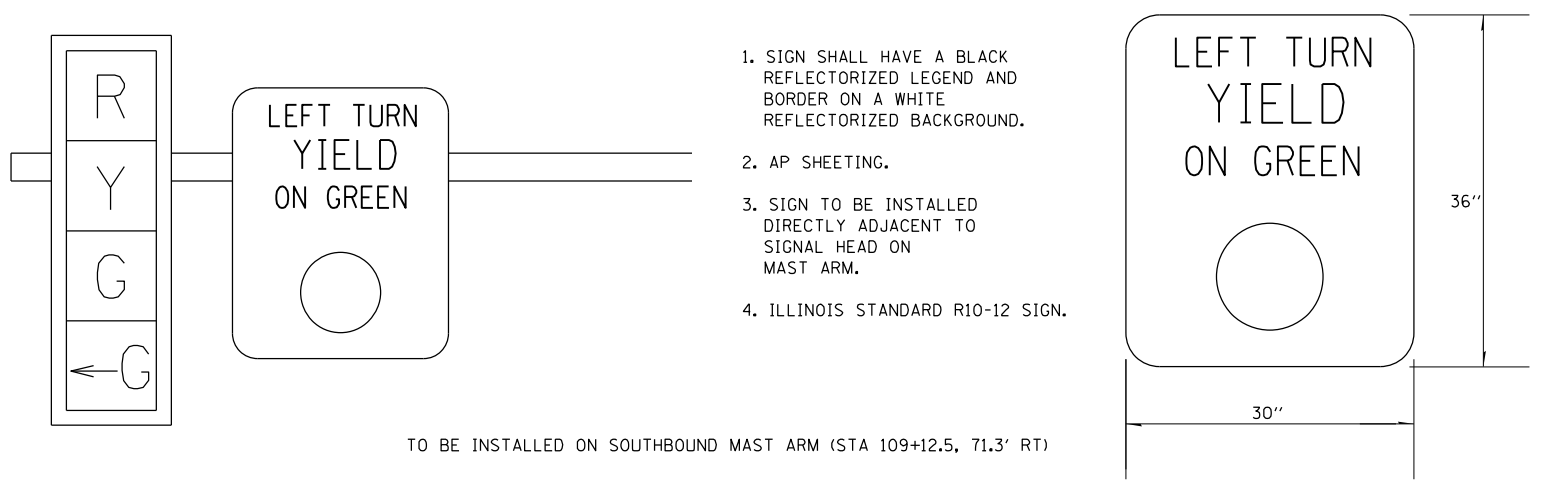
**INTERSECTION OF 1st & MAIN ST
CABLE LAYOUT**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
828/823	20RS-4, 24Z RS-1	WAYNE	148	134
CONTRACT NO. 74574				
ILLINOIS FED. AID PROJECT				

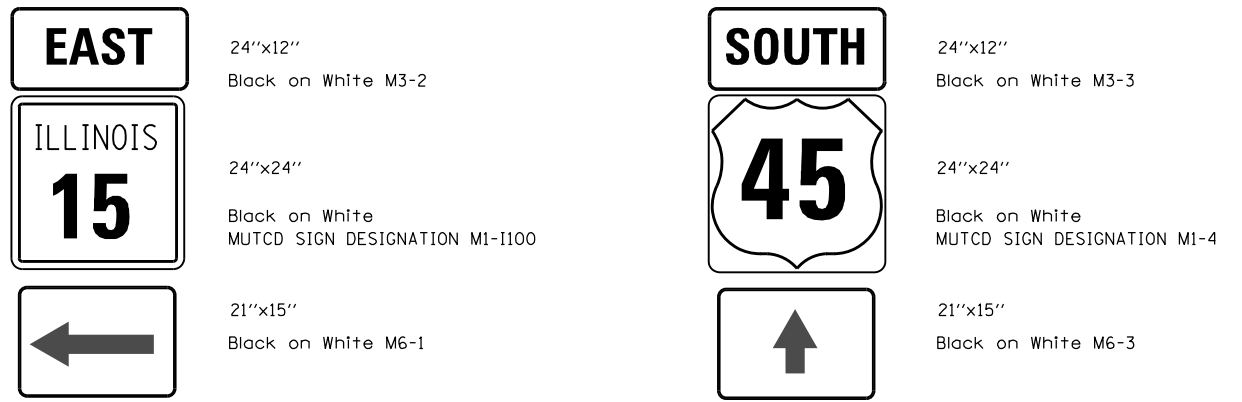


PHASE DESIGNATION DIAGRAM
1 ST AND DELAWARE STREET
NO SCALE



1. SIGN SHALL HAVE A BLACK REFLECTORIZED LEGEND AND BORDER ON A WHITE REFLECTORIZED BACKGROUND.
2. AP SHEETING.
3. SIGN TO BE INSTALLED DIRECTLY ADJACENT TO SIGNAL HEAD ON MAST ARM.
4. ILLINOIS STANDARD R10-12 SIGN.

TO BE INSTALLED ON SOUTHBOUND MAST ARM (STA 109+12.5, 71.3' RT)



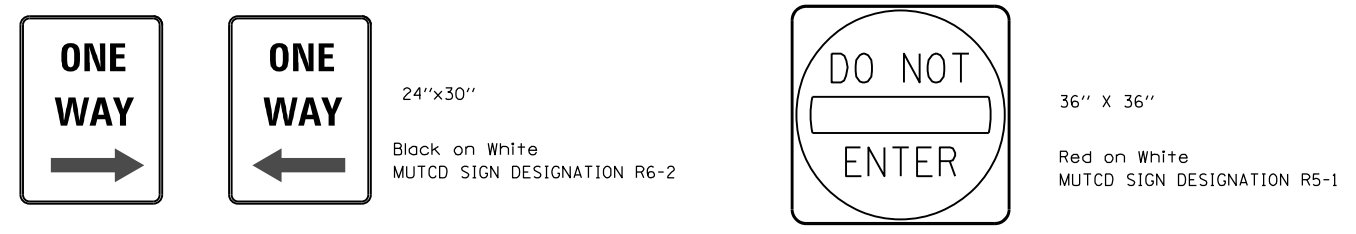
TO BE INSTALLED ON SOUTHBOUND MAST ARM (STA 109+12.5, 71.3' RT)

TO BE INSTALLED ON SOUTHBOUND MAST ARM (STA 109+12.5, 71.3' RT)

1. SIGN SHALL HAVE A WHITE REFLECTORIZED LEGEND AND BORDER ON A GREEN REFLECTORIZED BACKGROUND.
2. AP SHEETING.
3. UPPER/LOWER CASE LETTERS, HIGHWAY D.



TO BE INSTALLED ON WESTBOUND MAST ARM (STA 109+12.5, 71.3' RT)



TO BE INSTALLED ON SOUTHBOUND MAST ARM (STA 109+12.5, 71.3' RT) (ONE ON EACH SIDE)

POST MOUNTED FACING EAST ON WESTSIDE OF INTERSECTION

SIGN PANEL DETAILS

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PLOT DATE = 9/6/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION OF 1st & DELAWARE ST DETAILS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
228/823	20RS-4, 24Z RS-1	WAYNE	148	137
CONTRACT NO. 74574				
ILLINOIS FED. AID PROJECT				

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT

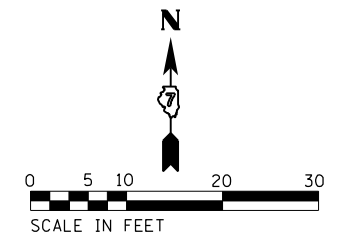
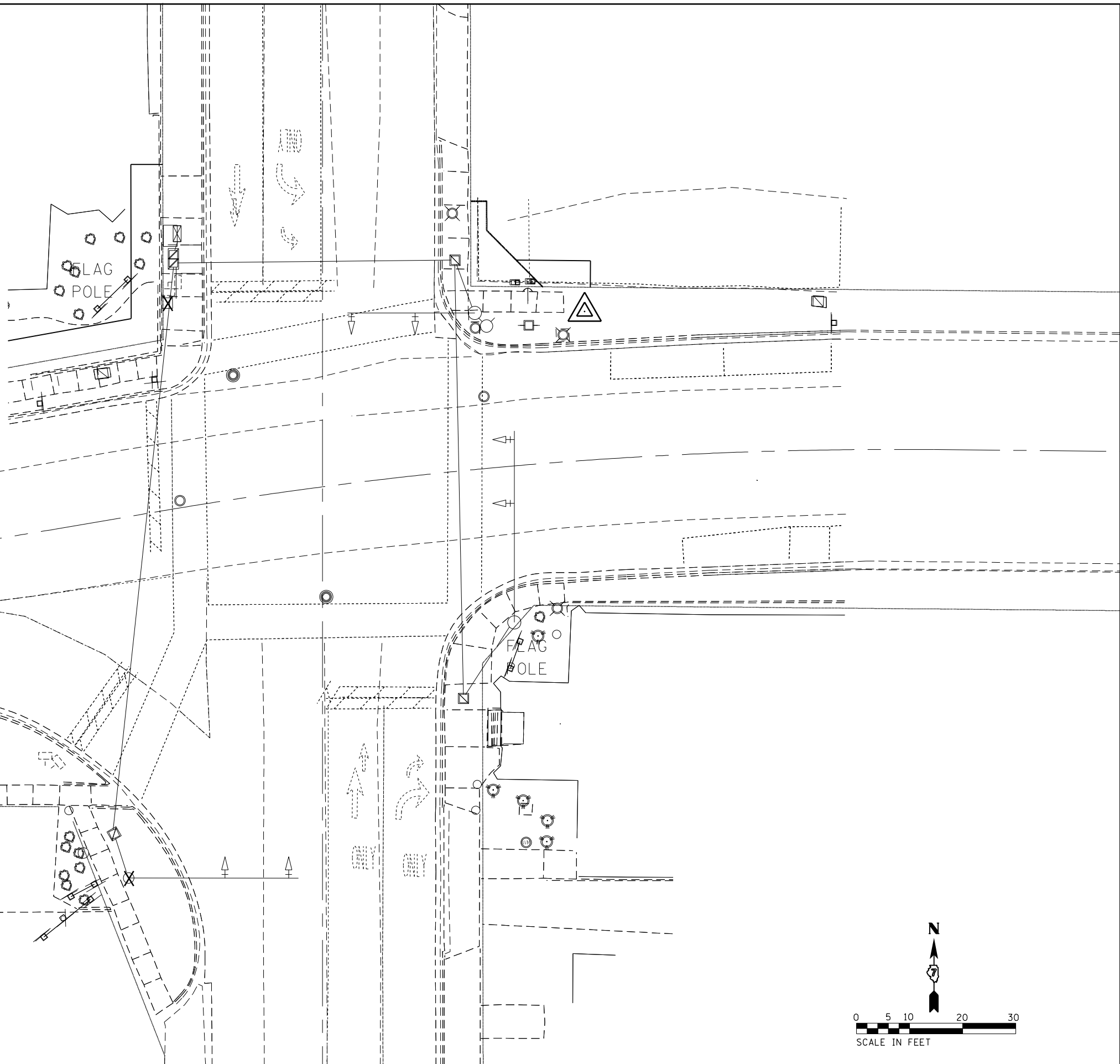
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	Total	NW	NE	SE	SW
Pedestrian Signal Head	0	-	-	-	-
Pedestrian Push-Button	0	-	-	-	-
Pedestrian Push Button Post	0	-	-	-	-
Traffic signal Head-3 Section BM	0	-	-	-	-
Traffic Signal Head-5 Section BM	0	-	-	-	-
Traffic Signal Head-3 Section MAM	1	-	-	-	1
Traffic Signal Head-4 Section MAM	1	-	-	-	1
Traffic Signal Post	1	1	-	-	-
Traffic Signal Mast Arm & Post	1	-	-	-	1
Traffic Signal Cabinet, Controller & Components	0	-	-	-	-
Gulfbbox Junction	0	-	-	-	-

REMOVAL ITEMS

	Total	NW	NE	SE	SW
Remove Existing Service Installation	Each 0	-	-	-	-
Remove Existing Handhole	Each 0	-	-	-	-
Remove Existing Double Handhole	Each 0	-	-	-	-
Remove Existing Concrete Foundation	Each 2	1	-	-	1
Remove Existing Traffic Signal Equipment *	Each 0	-	-	-	-

* See individual items this sheet.



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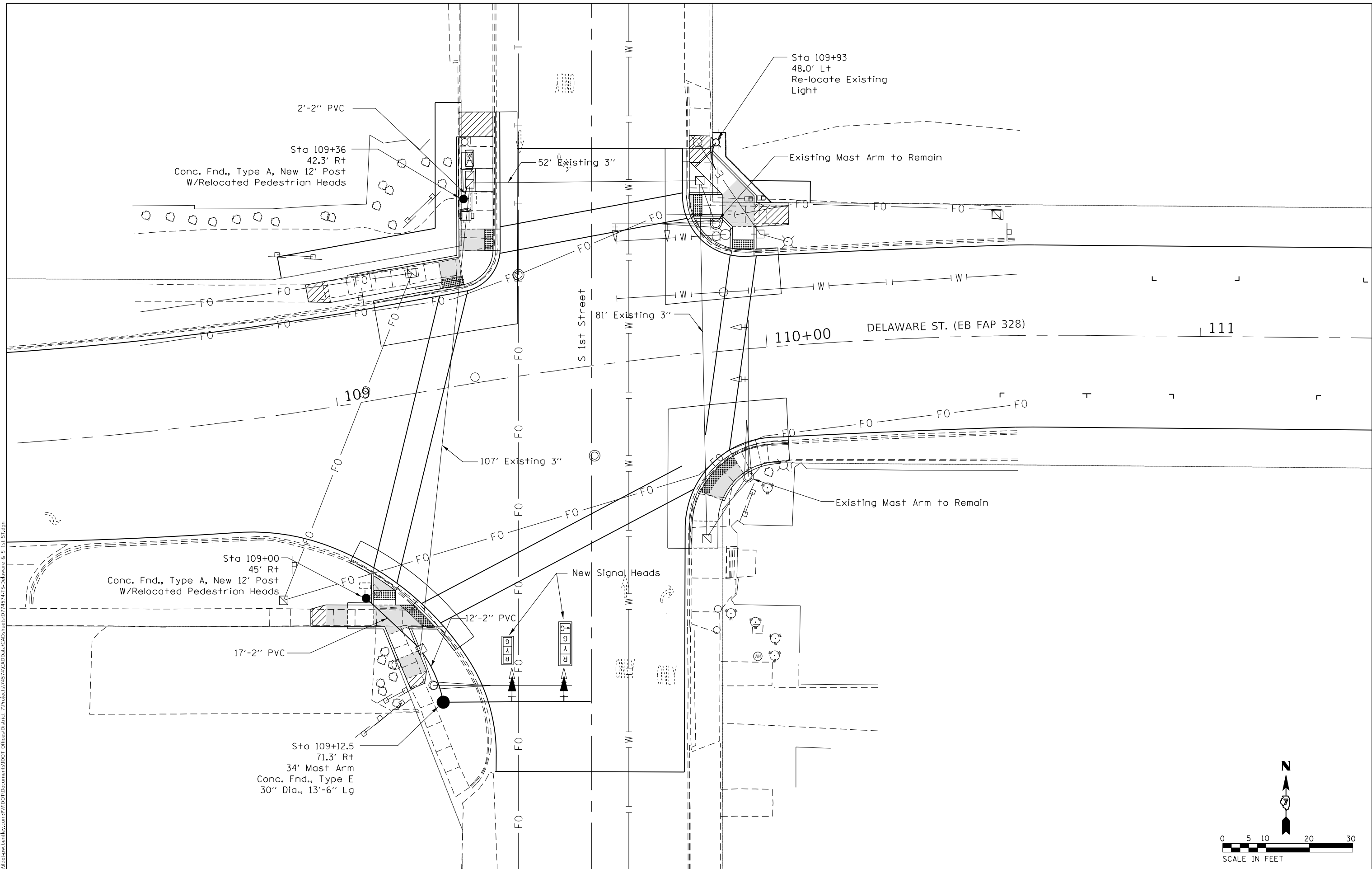
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF NW 1st & DELAWARE ST
TRAFFIC SIGNAL REMOVAL ITEMS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	20RS-4,24Z RS-1	WAYNE	148	138
CONTRACT NO. 74574				
ILLINOIS FED. AID PROJECT				

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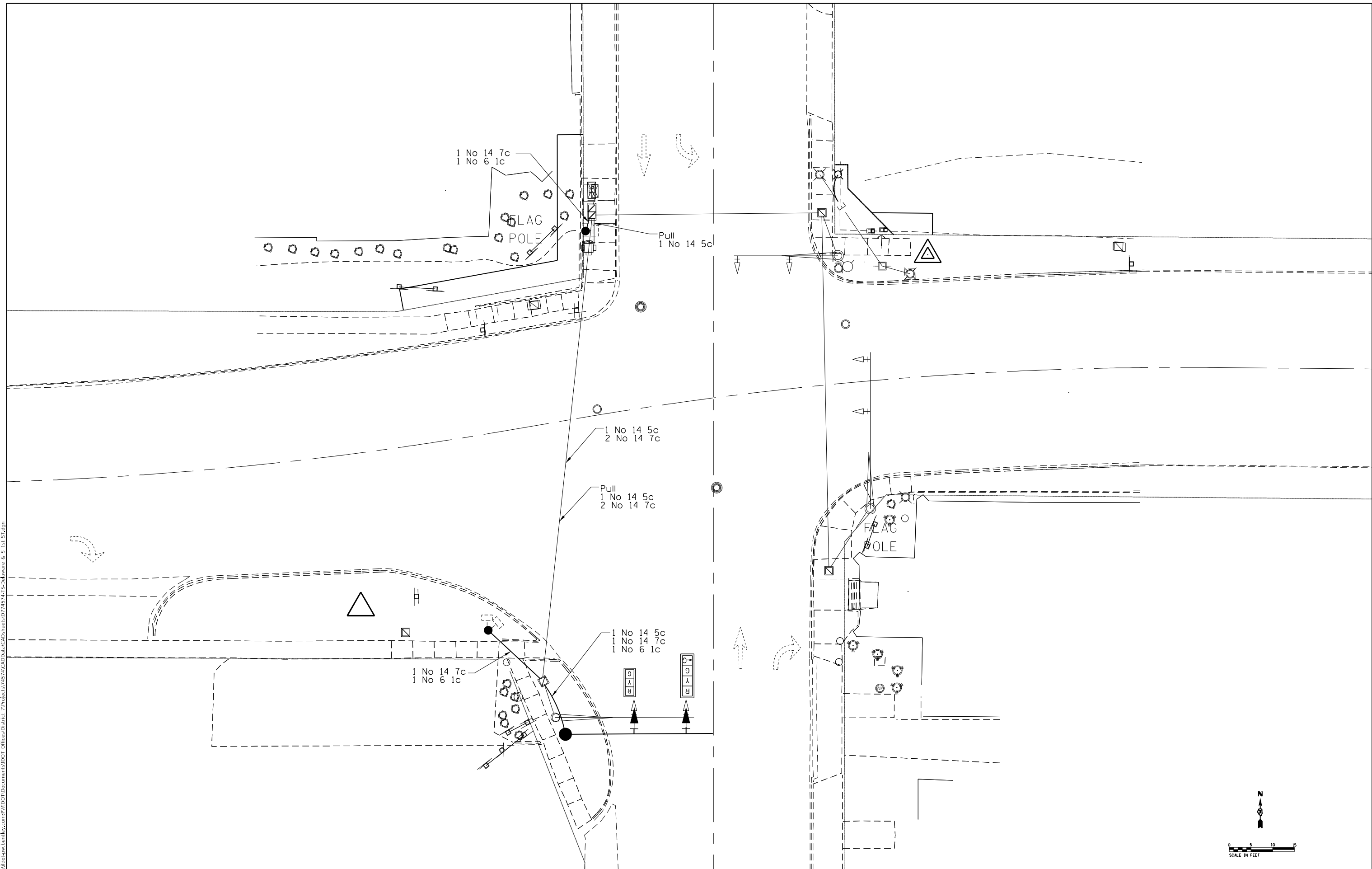
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION OF 1st & DELAWARE ST				
SIGNAL LAYOUT				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328/823	20RS-4, 24Z RS-1	WAYNE	148	139
CONTRACT NO. 74574				
ILLINOIS FED. AID PROJECT				

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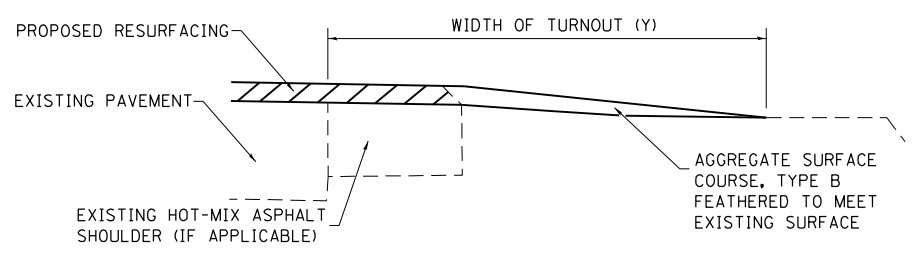
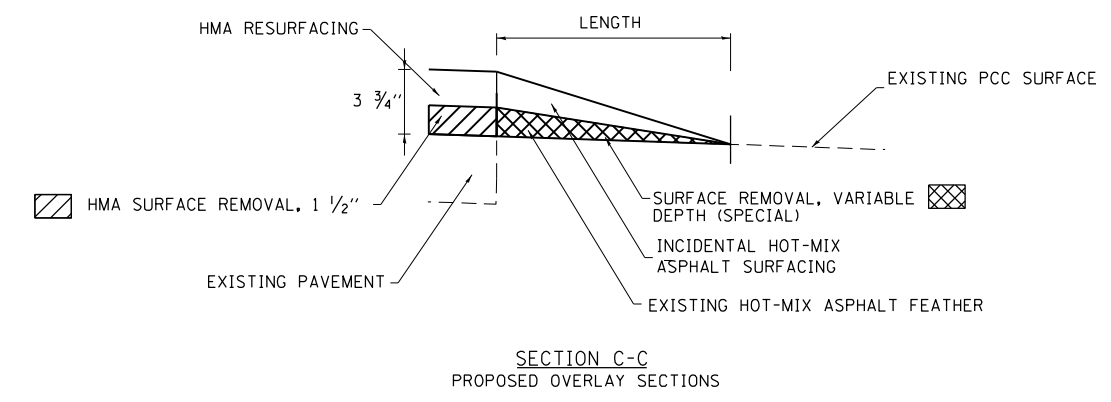
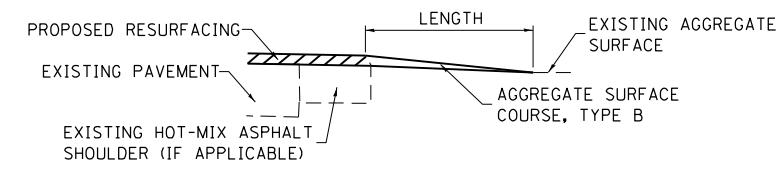
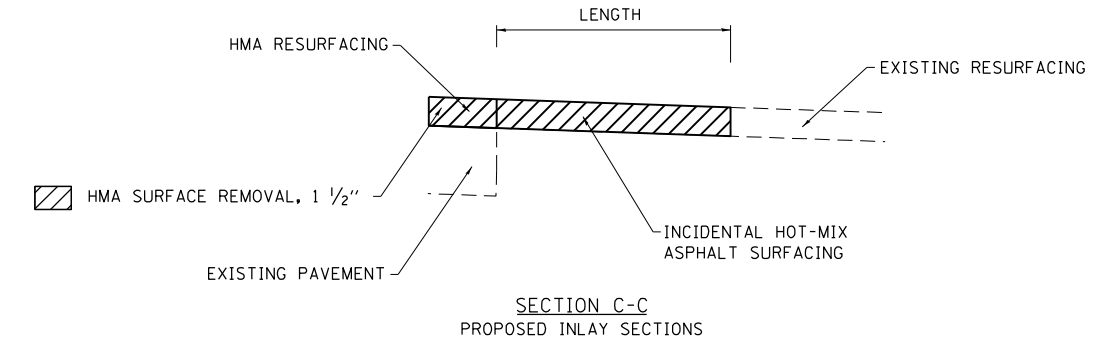
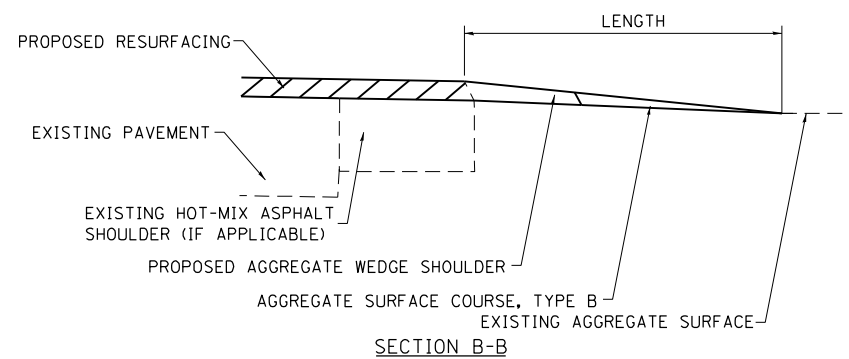
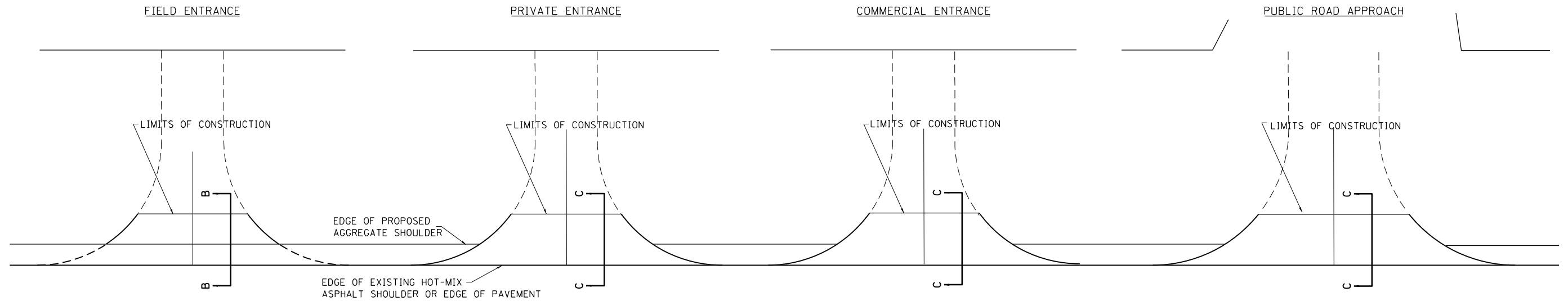
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF 1st & DELAWARE ST
 CABLE LAYOUT**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 020/823	SECTION 20RS-4, 24Z RS-1	COUNTY WAYNE	TOTAL SHEETS 148	SHEET NO. 140
CONTRACT NO. 74574				
ILLINOIS FED. AID PROJECT				



TYPICAL SECTION AT MAILBOX TURNOUT
NOTE: SEE STANDARD 406201 FOR MAILBOX TURNOUT DETAILS

NOTES

LENGTH = 10' UNLESS OTHERWISE NOTED ON PLANS
IF THERE IS NOT EXISTING HOT-MIX ASPHALT SHOULDER THEN THE ENTRANCE TAPER STARTS AT THE EDGE OF EXISTING PAVEMENT.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

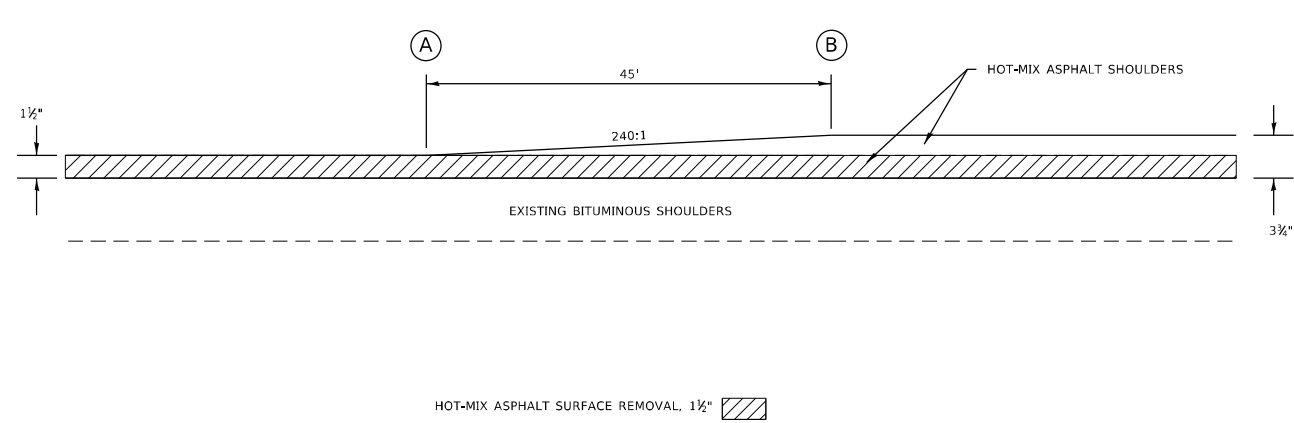
ENTRANCE DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	20RS-4, 24Z RS-1	WAYNE	148	142
CONTRACT NO. 74574				
ILLINOIS FED. AID PROJECT				

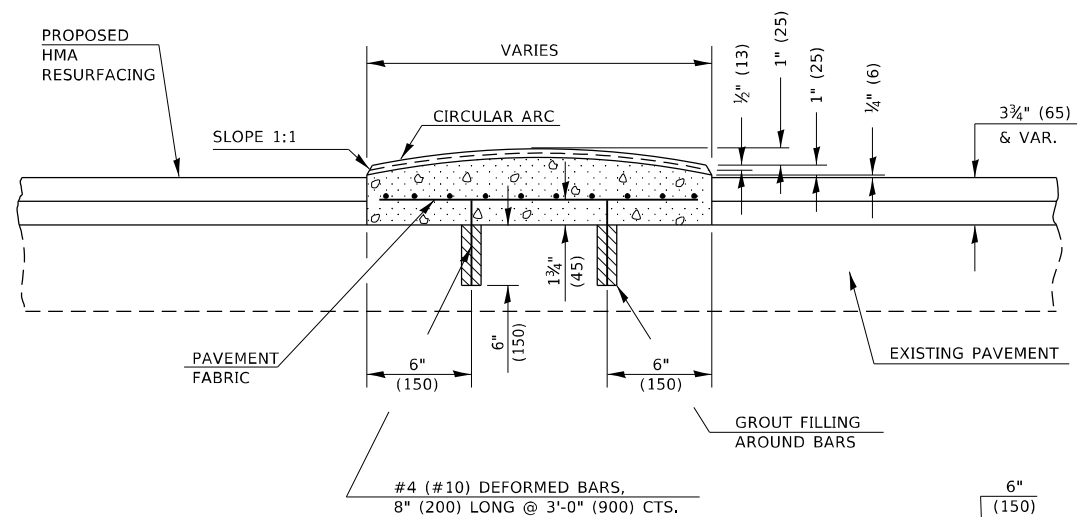
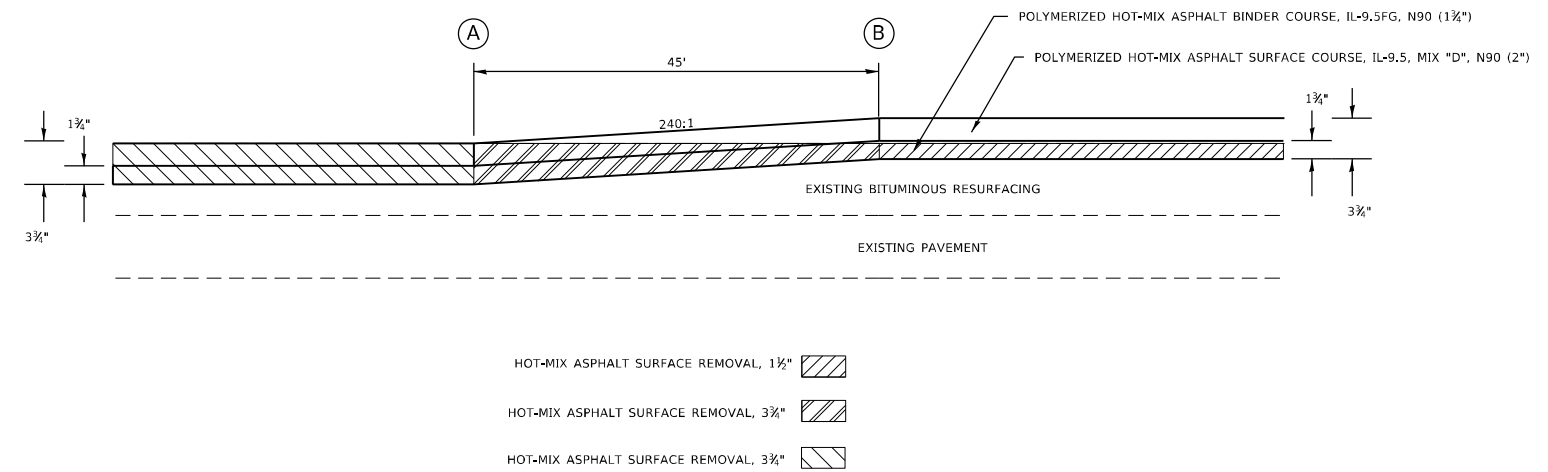
SHOULDER PAVING DETAIL

(A) STATION 46+16 TO (B) STATION 46+61



PAVING DETAILS

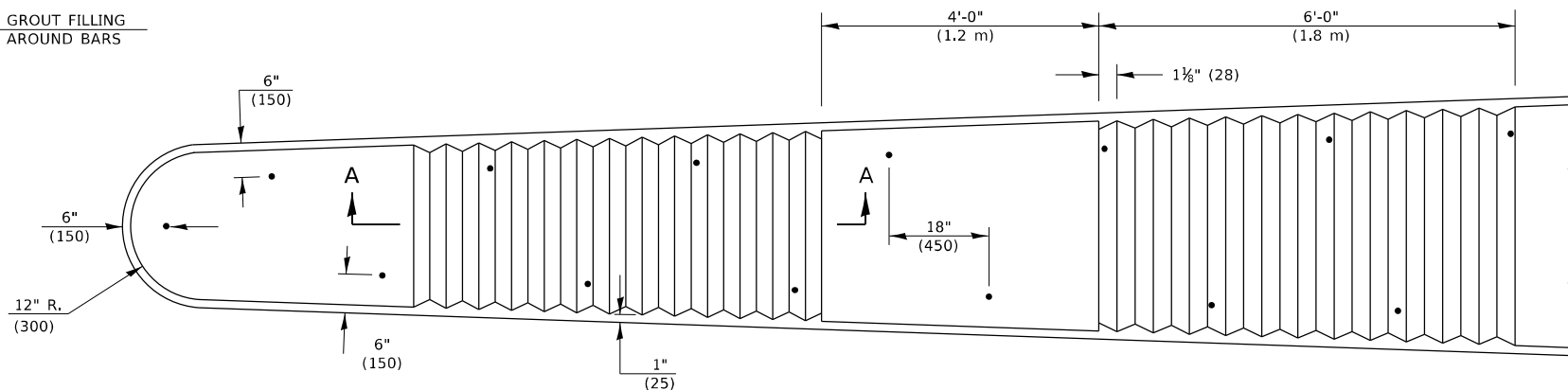
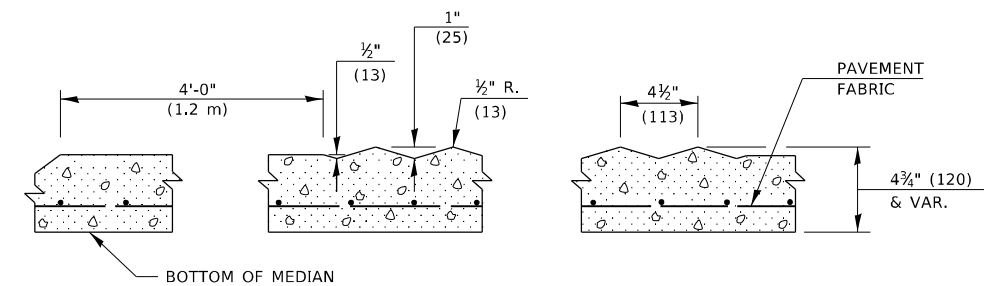
(A) STATION 46+16 TO (B) STATION 46+61



TRANSVERSE SECTION

GENERAL NOTES

1. DOWELS AT 3'-0" (900) INTERVALS OR AS DIRECTED BY THE ENGINEER.
2. SEE STANDARD 420701 FOR PAVEMENT FABRIC DETAILS.
3. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQ FT FOR CORRUGATED MEDIAN (DOWELLED). THE COST OF FURNISHING AND INSTALLING THE DOWEL BARS, GROUT FILLING, AND PAVEMENT FABRIC SHALL BE INCLUDED AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.



Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

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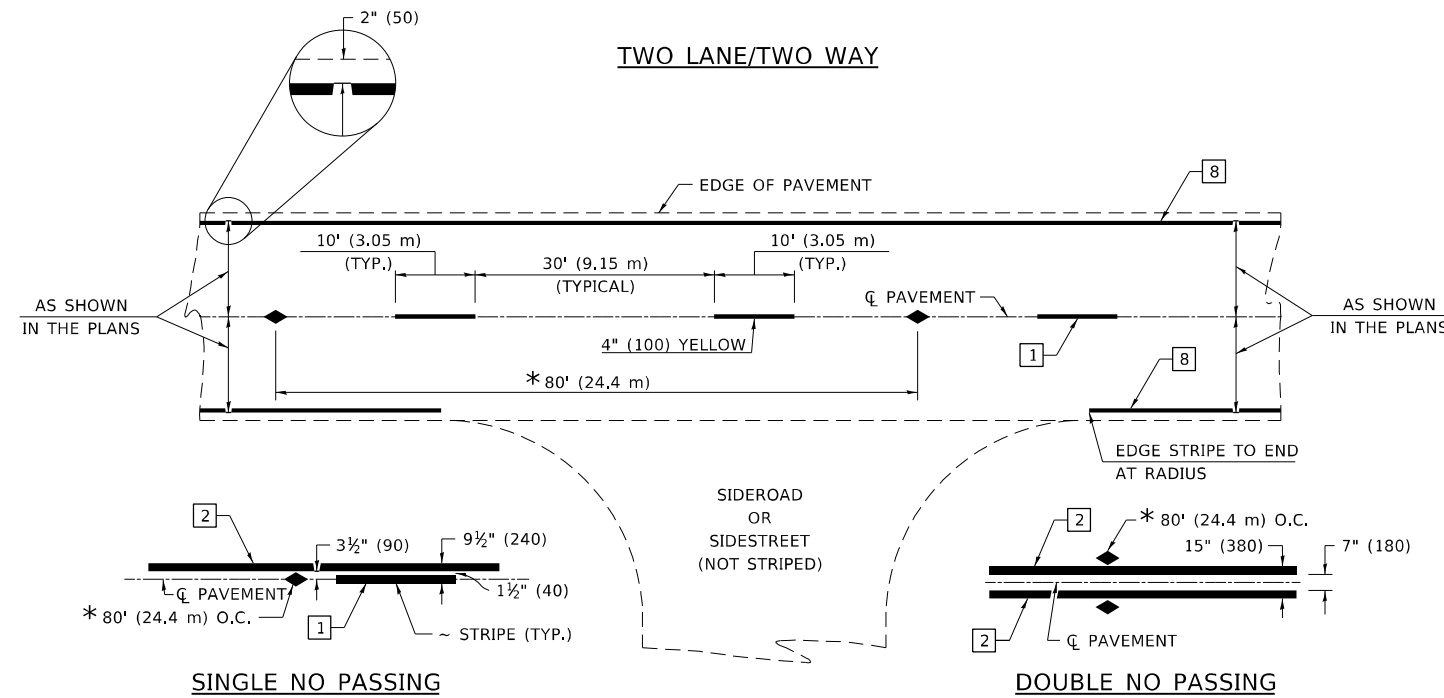
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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

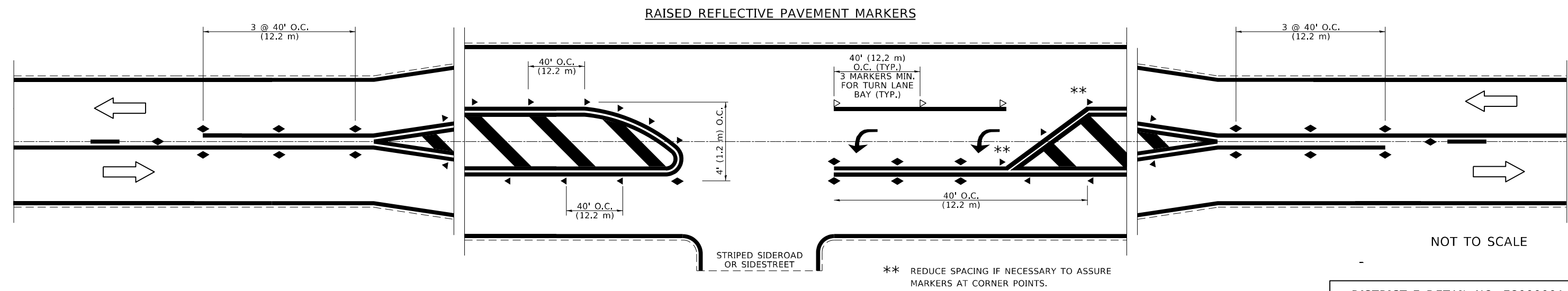
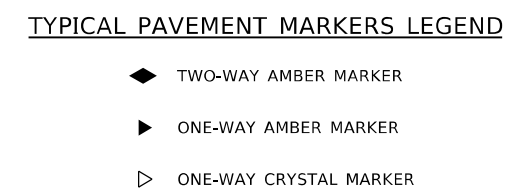
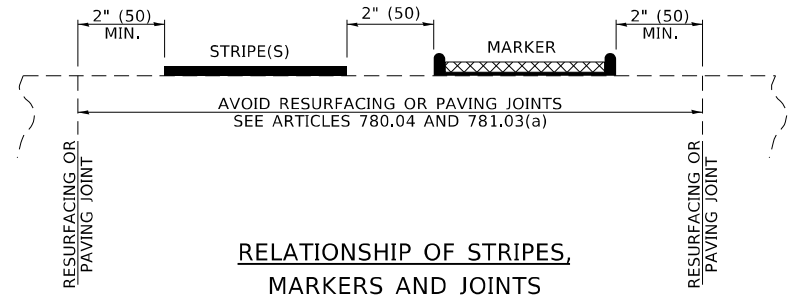
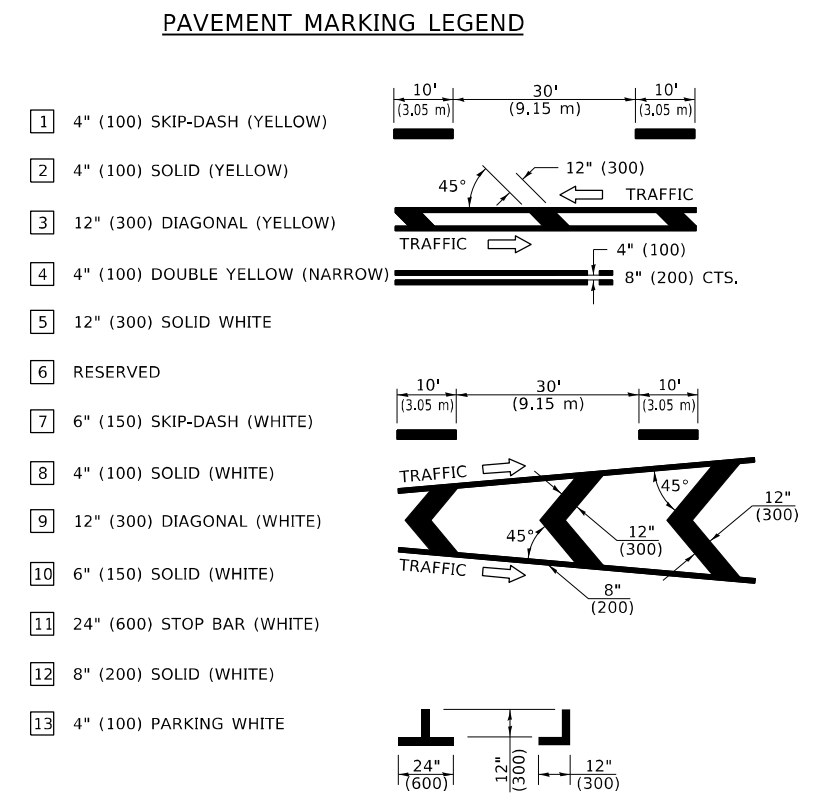
DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328/823	20RS-4, 24Z RS-1	WAYNE	148	143
CONTRACT NO. 74574				
ILLINOIS FED. AID PROJECT				



* REDUCE TO 40' (12.2 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEEDS OF 45 mph (70 km/h) OR LESS.



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

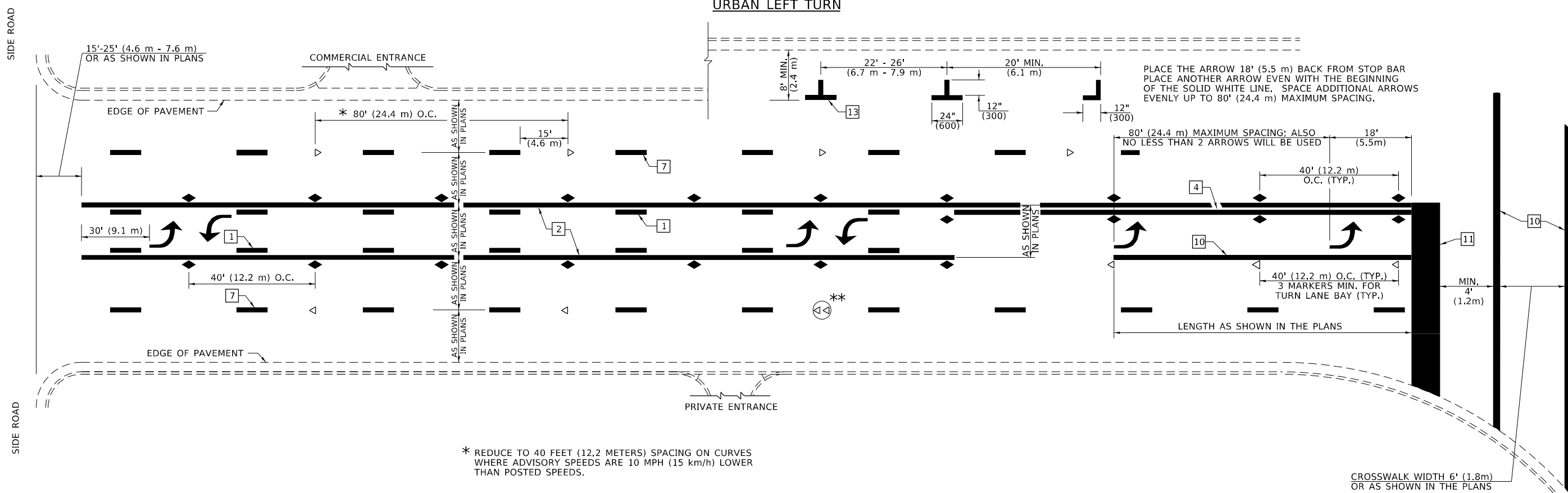
**PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS
(RURAL AND URBAN APPLICATIONS)**

SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

DISTRICT 7 DETAIL NO. 7800001

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
828/823	20R5-4, 24Z RS-1	WAYNE	148	144
CONTRACT NO. 74574				
ILLINOIS FED. AID PROJECT				

URBAN LEFT TURN



* REDUCE TO 40 FEET (12.2 METERS) SPACING ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

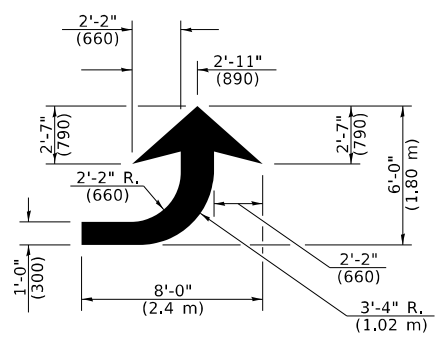
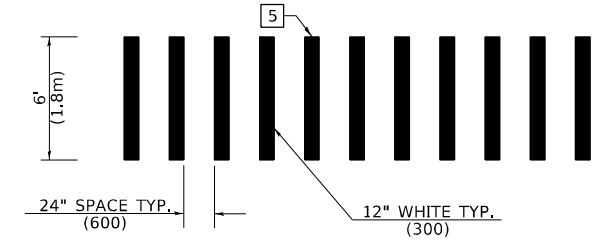
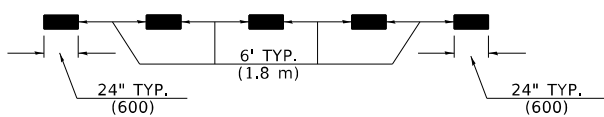
PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) PARKING WHITE

GENERAL NOTES

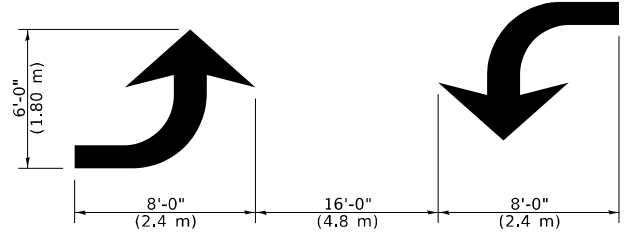


LANE LINE EXTENSIONS



LEFT ARROW

REVERSE FOR RIGHT ARROW
AREA = 15.6 SQ. FT. (1.47 m²)
(WHITE)



TYPICAL DOUBLE TURN ARROWS (WHITE)

NOT TO SCALE

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PLOT DATE = 9/6/2022	CHECKED -	REVISED -
	DATE -	REVISED -

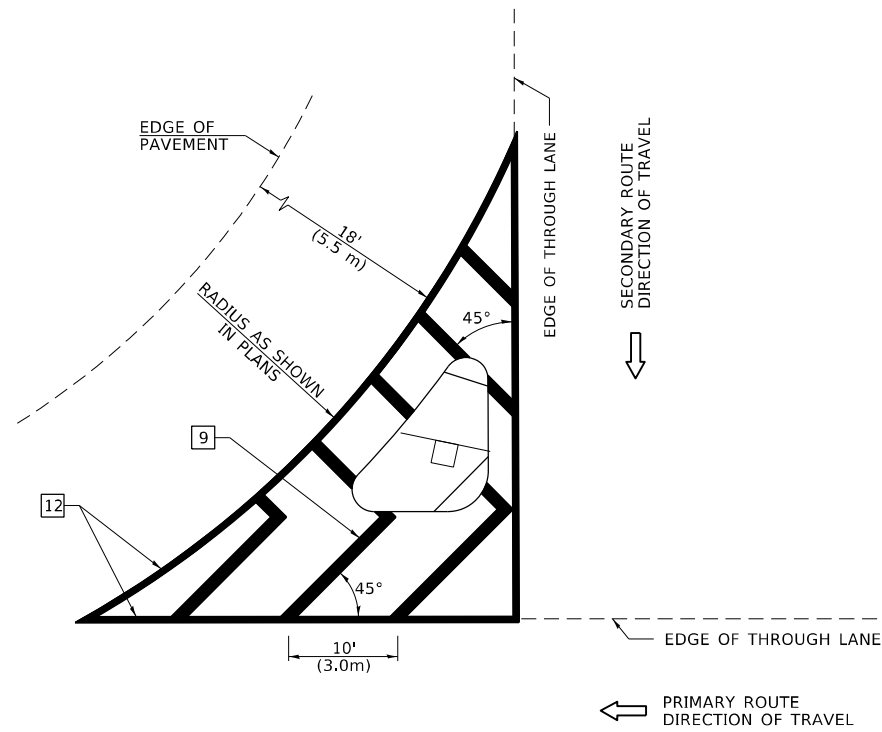
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS
(RURAL AND URBAN APPLICATIONS)

SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

DISTRICT 7 DETAIL NO. 7800001				
F.A.P. RTE. 828/823	SECTION 20RS-4, 24Z RS-1	COUNTY WAYNE	TOTAL SHEETS 148	SHEET NO. 145
CONTRACT NO. 74574				
ILLINOIS FED. AID PROJECT				

ISLAND

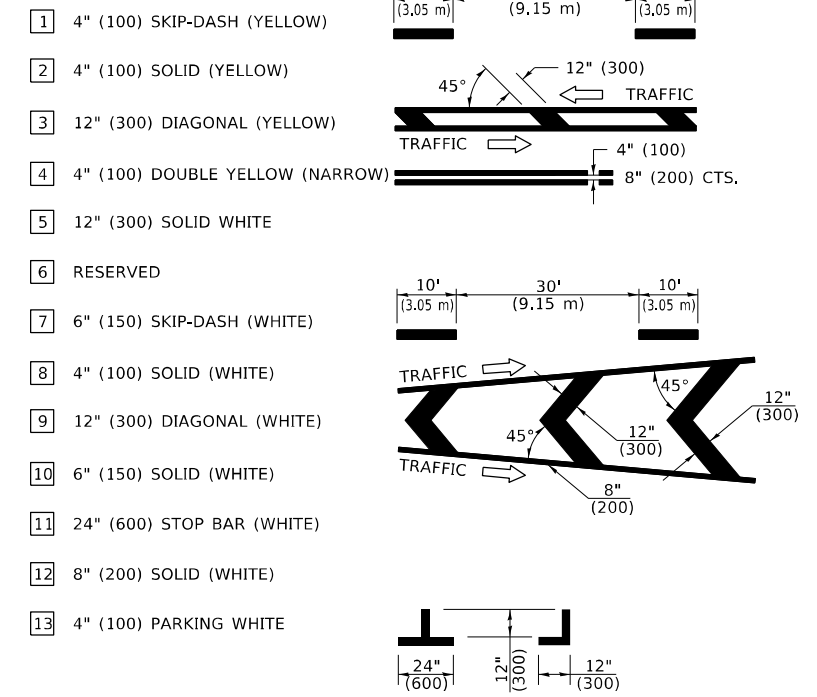


GENERAL NOTES

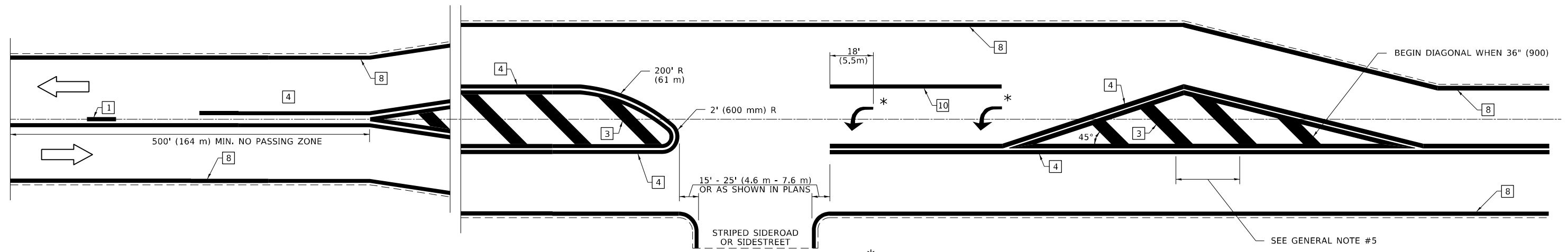
1. RAISED AND CORRUGATED MEDIANS SHALL BE OUTLINED WITH [2] IF PRESENT.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
5. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING:

<30 MPH (<50 km/h)	15' (4.5 m)
30-45 MPH (50-75 km/h)	20' (6.0 m)
>45 MPH (>75 km/h)	30' (9.0 m)

PAVEMENT MARKING LEGEND



RURAL LEFT TURN STRIPING



* PLACE AN ARROW 18' (5.5 m) BACK FROM STOP BAR. PLACE ANOTHER ARROW EVEN WITH THE BEGINNING OF THE SOLID WHITE LINE. SPACE ADDITIONAL ARROWS EVENLY UP TO 80' (24.4 m) MAXIMUM SPACING. USE MINIMUM OF 2 ARROWS.

NOT TO SCALE

DISTRICT 7 DETAIL NO. 7800001

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS
(RURAL AND URBAN APPLICATIONS)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
020/823	20RS-4, 24Z RS-1	WAYNE	148	146
CONTRACT NO. 74574				
ILLINOIS FED. AID PROJECT				

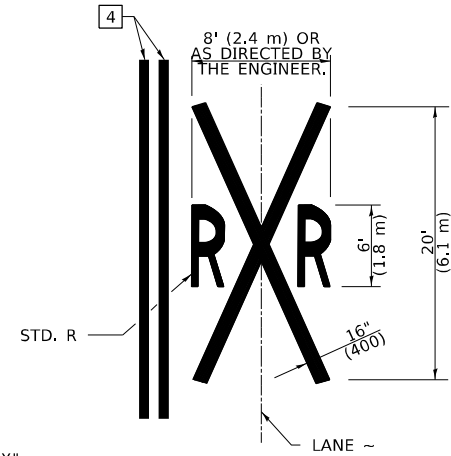
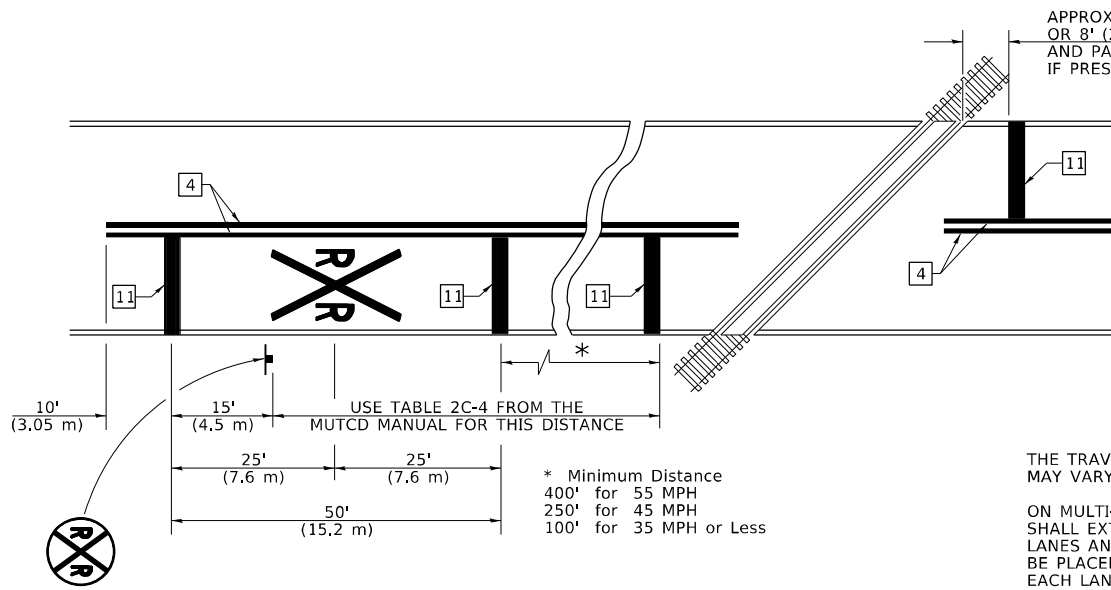
SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

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PLOT SCALE = 3000000,0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 9/6/2022	CHECKED -	REVISED -
	DATE -	REVISED -

PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

PAVEMENT MARKING LEGEND



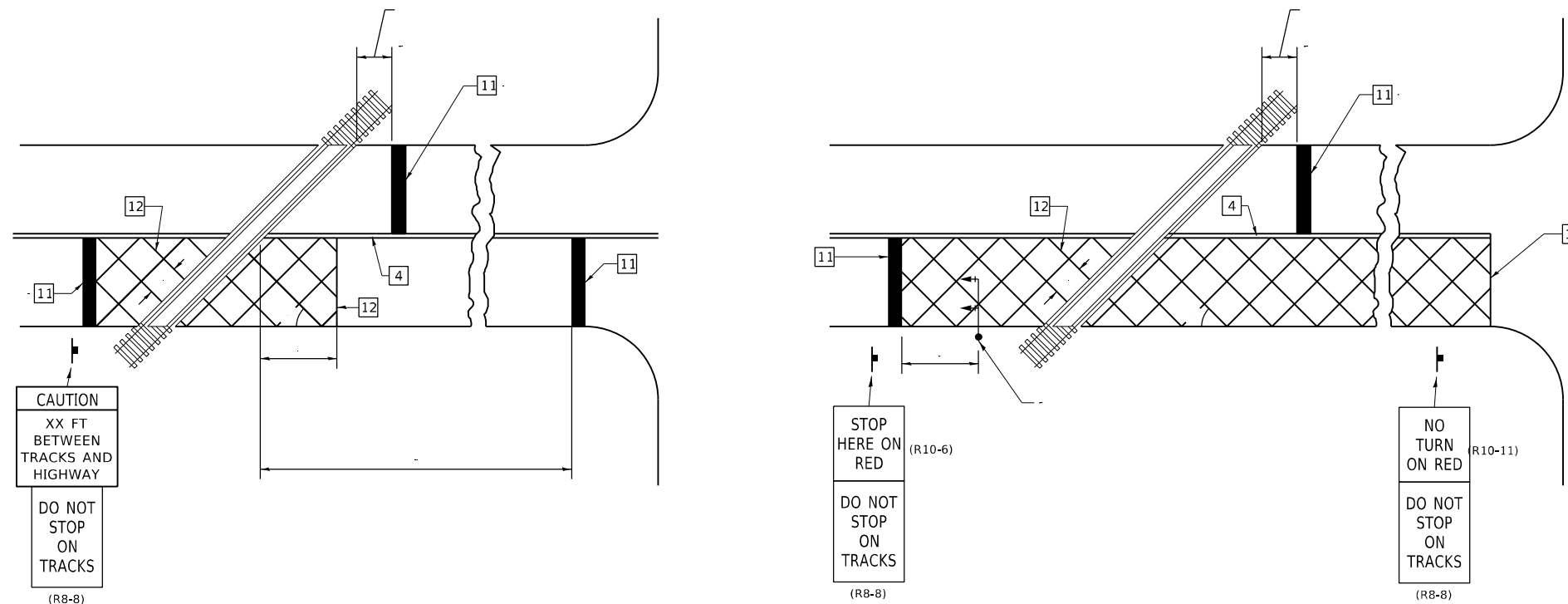
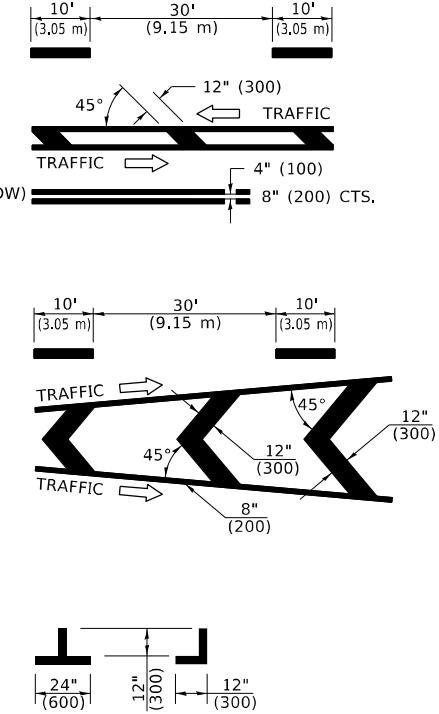
NOTES

THE TRAVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.

ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) PARKING WHITE



SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

GENERAL NOTES

- SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
- EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.

NOT TO SCALE

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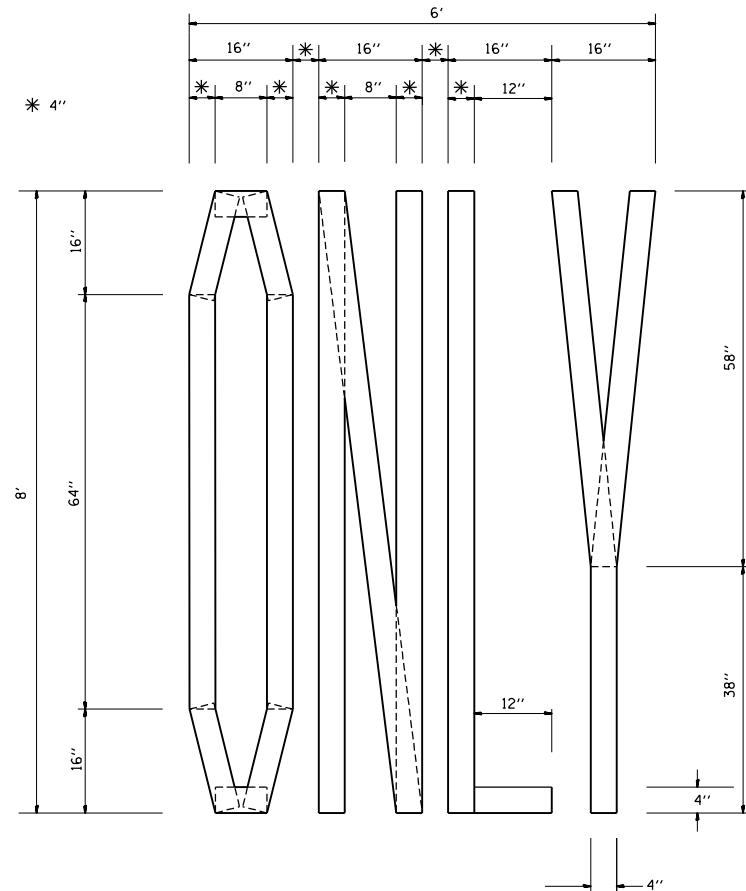
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	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS
 (RURAL AND URBAN APPLICATIONS)

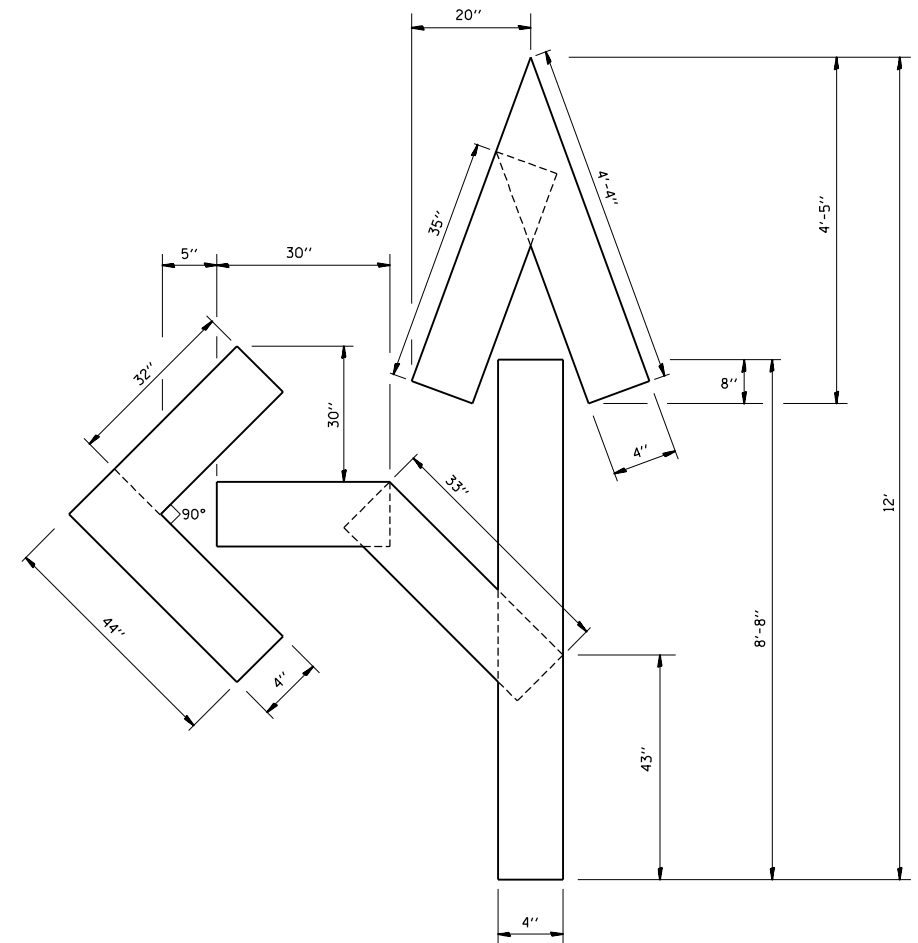
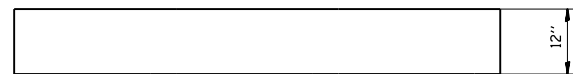
SCALE: SHEET 4 OF 4 SHEETS STA. TO STA.

DISTRICT 7 DETAIL NO. 7800001				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328/823	20RS-4, 24Z RS-1	WAYNE	148	147
CONTRACT NO. 74574				
ILLINOIS FED. AID PROJECT				

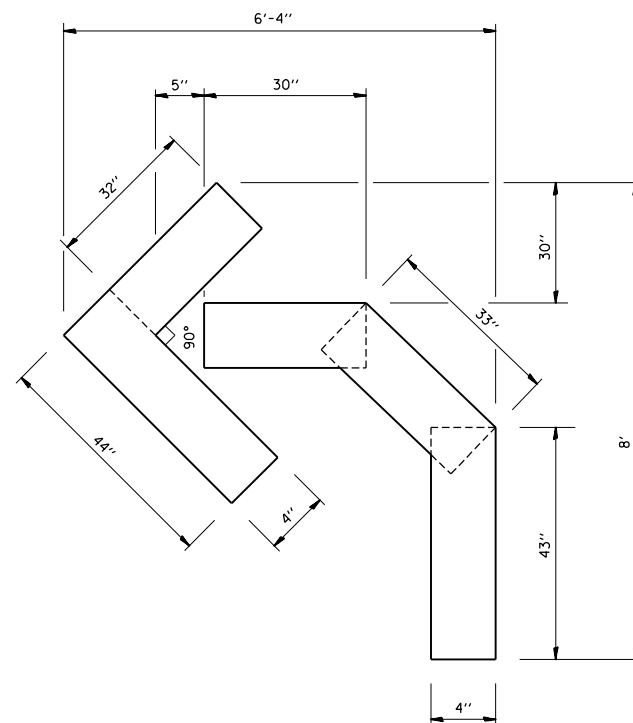


QUANTITY
 4" LINE = 63.2 ft.
 21.0 sq. ft.

SHORT TERM STOP BAR



QUANTITY
 4" LINE = 27.5 ft.
 9.2 sq. ft.



QUANTITY
 4" LINE = 15.2 ft.
 5.0 sq. ft.

FILE NAME =	USER NAME = Mono.Steffen	DESIGNED -	REVISED -T. RAMMACHER 06-05-96
p:\dot-pw.bentley.com\PWIDOT\Documents\IDOT Offices\District 7\Projects\74574\CADD\Drawings\Drawings\74574-shr-short term d		DRAWN	REVISED -T. RAMMACHER 11-04-97
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	PLOT DATE = 9/6/2022	DATE - 09-18-94	REVISED -E. GOMEZ 08-28-00

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DETAIL OF SHORT-TERM
 PAVEMENT MARKING

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528/823	20RS-4, 24Z RS-1	WAYNE	148	148
TC-16			CONTRACT NO. 74574	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				