

06-11-2021 LETTING ITEM 180

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
789	1RS-2	MADISON	89*	1
		ILLINOIS	CONTRACT NO. 76G57	

* 89 + 2 = 91 TOTAL SHEETS

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROPOSED HIGHWAY PLANS

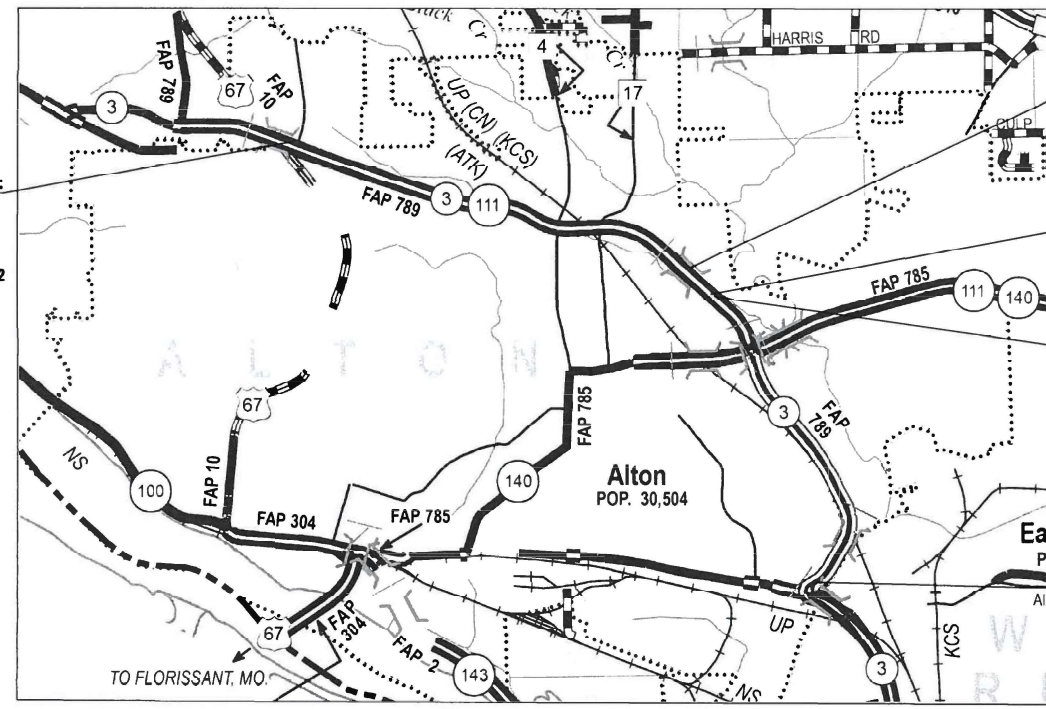
FAP ROUTE 789 (IL 111/3)
SECTION: 1RS-2
PROJECT NHPP-SJCA(927)
MADISON COUNTY
RESURFACING

C-98-198-18

D-98-056-13



BEGIN PROJECT:
(ALBY STREET)
STA. 133 + 90
LAT: 38.922212
LONG: -90.178982

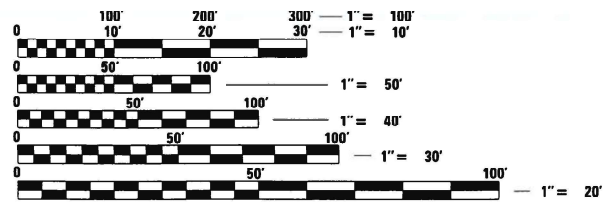


BRIDGE STRUCTURE OMISSION:
(SN 060-0120) OVER BLOOMER DR.
STA. 264 + 60 THRU
STA. 287 + 73 (313')

END RESURFACING:
BLOOMER DR.
STA. 277 + 50
LAT: 38.905049
LONG: -90.129784

BEGIN PAVEMENT PATCHING:
BLOOMER DR.
STA. 277 + 50
LAT: 38.905049
LONG: -90.129784

END PROJECT:
END PAVEMENT PATCHING:
EAST BROADWAY
STA. 389 + 17
LAT: 38.530490
LONG: -90.072636



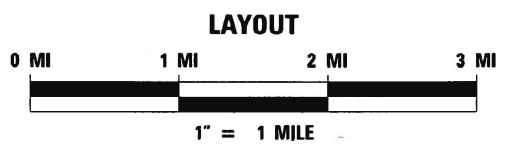
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: HERVE GELIN (618) 346-3179
PROJECT MANAGER: MIKE BERG (618) 346-3411

CONTRACT NO. 76G57

ADT
20600 (2015)
21100 (2017)
24700 (2037)
SU = 5.0%
MU = 2.2%



GROSS LENGTH: 25527 FT (4.83 MILES)
NET LENGTH: 25214 FT (4.78 MILES)

FUNCTIONAL ROADWAY CLASSIFICATION:
OTHER ARTERIAL

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Feb 10 20 21
K. Roberts REGIONAL ENGINEER

March 19 2021
S. E. A. ETC ENGINEER OF DESIGN AND ENVIRONMENT

March 19 2021
James J. Gu DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

INDEX OF SHEETS

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- 85-89A. DETAIL SHEETS

HIGHWAY STANDARDS

- 000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001001-02 AREAS OF REINFORCEMENT BARS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 420701-03 PAVEMENT WELDED WIRE FABRIC REINFORCEMENT
- 424001-11 PERPENDICULAR CURB RAMPS FOR SIDEWALKS
- 424006-05 DIAGONAL CURB RAMPS FOR SIDEWALKS
- 424011-04 CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
- 424031-02 MEDIAN PEDESTRIAN CROSSING
- 442101-09 CLASS B PATCHES
- 606001-07 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 606301-04 PC CONCRETE ISLANDS AND MEDIANS
- 630001-12 STEEL PLATE BEAM GUARDRAIL
- 631006-08 TRAFFIC BARRIER TERMINAL, TYPE 1B
- 701201-05 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS 45 MPH
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701101-05 OFF ROAD OPERATION MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
- 701421-08 LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS ≥ 45 MPH TO 55 MPH
- 701422-10 LANE CLOSURE, MULTILANE FOR SPEEDS ≥ 45 MPH ≤ 55 MPH
- 701426-09 LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATION, FOR SPEEDS 45 MPH
- 701601-09 URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
- 701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701901-08 TRAFFIC CONTROL DEVICES
- 780001-05 TYPICAL PAVEMENT MARKINGS
- 781001-04 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
- 782001-01 CURB REFLECTORS
- 876001-04 PEDESTRIAN PUSH BUTTON POST
- 886001-01 DETECTOR LOOP INSTALLATION
- 886006-01 TYPICAL LAYOUTS FOR DETECTION LOOPS

GENERAL NOTES

1. THE DEPARTMENT STRONGLY ENCOURAGES THE PRIME CONTRACTOR AND THEIR APPROVED SUB-CONTRACTORS TO HIRE MINORITY, WOMEN AND DISADVANTAGED INDIVIDUALS FROM ITS FEDERALLY FUNDED HIGHWAY CONSTRUCTION CAREERS TRAINING PROGRAM (HCCTP) TO HELP MEET WORKFORCE AND TRAINEE GOALS. THIS PROGRAM IS TRAINING MINORITIES, WOMEN AND DISADVANTAGED INDIVIDUALS IN HIGHWAY CONSTRUCTION-RELATED SKILLS, E.G., MATH FOR THE TRADES, JOB READINESS, TECHNICAL SKILLS COURSEWORK (CARPENTRY, CONCRETE FLATWORK, BLUEPRINT READING, SITE PLANS, SITE WORK, TOOLS USE, ETC) AND OSHA 10 HOUR CERTIFICATION, TO PREPARE THEM FOR A CAREER IN THE HIGHWAY CONSTRUCTION TRADES. GRADUATES ARE WELL-TRAINED AND READY TO BECOME PRODUCTIVE ENTRY-LEVEL CONSTRUCTION WORKERS. CONTACT THE DISTRICT 8 EEO OFFICE AT 618-346-3360 AND/OR THE HCCTP COORDINATOR AT 618-874-6528 TO LEARN MORE ABOUT THE PROGRAM AND FOR ASSISTANCE IN MEETING WORKFORCE AND TRAINEE GOALS.

2. UTILITIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA AS FOLLOWS:

- *CITY OF ALTON-SANITARY SEWER
- *CITY OF ALTON-LIGHTING
- *AMEREN ILLINOIS-GAS & ELECTRIC
- *AT&T ILLINOIS-COMMUNICATION
- *CHARTER COMMUNICATIONS, INC-CABLE TV
- *VILLAGE OF GODFREY-SANITARY SEWER
- *ILLINOIS AMERICAN WATER COMPANY-WATER
- *JANE'S TELECOM SERVICES, INC.-COMMUNICATIONS
- *LEVEL 3 COMMUNICATIONS, LLC-COMMUNICATIONS
- *LINDE NORTH AMERICA, INC.-GAS
- *SPRINT/NEXTEL-COMMUNICATIONS
- *ZAYO GROUP LLC-COMMUNICATIONS

MEMBERS OF J.U.L.I.E. CALL TOLL FREE (800) 892-0123 OR 811 AND ARE INDICATED BY *. NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED.

3. NO SURVEY WAS PERFORMED FOR THIS PROJECT AND THE PLANS WERE CREATED USING MICROFILM AND FIELD MEASUREMENTS.

4. THE PAVEMENT MARKING SHOWN IN THE SCHEDULES IS APPROXIMATE. THE LOCATION OF THE PROPOSED MARKINGS SHALL MATCH EXISTING LOCATIONS AS DIRECTED BY THE ENGINEER
5. ALL TEMPORARY PAVEMENT MARKINGS WILL BE PLACED IN SUCH A MANNER SO AS NOT TO INTERFERE WITH THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE	POLY SURFACE	BINDER
AC/PG	SBS PG 76-22	PG 64-22
RAP % (MAX)	SEE SPECIAL PROV	SEE SPECIAL PROV
DESIGN AIR VOIDS	4.0% @ Ndes=90	4.0% @ Ndes=90
MIX COMPOSITION (GRADATION MIXTURE)	IL 9.5	IL 9.5 F.G.
FRICITION AGG	MIXTURE "E"	MIXTURE "C"
QUALITY MANAGEMENT PROG	QCP	QCP
MIXTURE USE	SHOULDERS ≥ 2.25"	SHOULDER < 2.25"
AC/PG	PG 64-22	PG 64-22
RAP % (MAX)	SEE SPECIAL PROV	SEE SPECIAL PROV
DESIGN AIR VOIDS	4.0% @ Ndes=30	4.0% @ Ndes=30
MIX COMPOSITION (GRADATION MIXTURE)	IL 19.0L	IL 9.5L
FRICITION AGG		
QUALITY MANAGEMENT PROG	QC/QA	QC/QA

6. APPROXIMATELY 441 SQ YDS OF PCC PATCHES WITHIN THE PROJECT LIMITS WILL BE SUBJECT TO THE HMA SURFACE REMOVAL OPERATIONS OF THE DEPTH SPECIFIED IN THE PLANS. THE COST OF MILLING THESE PATCHES SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE OF THE HMA REMOVAL ITEMS IN THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

7. IF THE PROPOSED SURFACE ON THIS PROJECT PRODUCES A MILLED EDGE ANYWHERE GREATER THAN 1.5 INCHES OR IF THE PROPOSED RESURFACING RESULTS IN A ELEVATION DIFFERENCE GREATER THAN 2 INCHES NEAR THE CENTERLINE BETWEEN ADJACENT OPEN LANES OF TRAFFIC, ONE OF THE FOLLOWING SHALL APPLY:

- *THE CONTRACTOR SHALL ORGANIZE THE WORK TO AVOID THE ELEVATION DIFFERENCES MENTIONED ABOVE.
- *THE CONTRACTOR SHALL CONSTRUCT A TEMPORARY HOT-MIX ASPHALT WEDGE TO AVOID THE ELEVATION DIFFERENCES MENTIONED ABOVE.
- *THE CONTRACTOR SHALL CONSTRUCT A MILLED SLOPE EDGE (MINIMUM 1:3) TO AVOID THE ELEVATION DIFFERENCES MENTIONED ABOVE.

THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST PER SQUARE YARD FOR HOT-MIX ASPHALT SURFACE REMOVAL OF THE DEPTH SPECIFIED OR IN THE COST PER TON FOR THE HOT-MIX ASPHALT RESURFACING MIXES SPECIFIED IN THE PLANS.

8. ALL MILLED CONCRETE SURFACES SHALL BE OVERLAID WITH BINDER COURSE BEFORE BEING ALLOWED TO OPEN ROADWAY TO TRAFFIC.

PAVEMENT CORING			
DESCRIPTION			EXISTING HMA THICKNESS
LOCATION	STA.	LANE	INCHES
0.5 mi EASTBOUND OF IL 111/3	160+30	DRIVING	4.25
1.0 mi EASTBOUND OF IL 111/3	186+70	DRIVING	2.5
1.5 mi EASTBOUND OF IL 111/3	213+10	DRIVING	4.25
2.0 mi EASTBOUND OF IL 111/3	239+50	DRIVING	2.75
2.5 mi EASTBOUND OF IL 111/3	265+90	DRIVING	2
2.5 mi WESTBOUND OF IL 111/3	265+90	DRIVING	2.5
2.0 mi WESTBOUND OF IL 111/3	239+50	DRIVING	2.5
1.5 mi WESTBOUND OF IL 111/3	213+10	DRIVING	5
1.0 mi WESTBOUND OF IL 111/3	186+70	DRIVING	2.5
0.5 mi WESTBOUND OF IL 111/3	160+30	TURNING	4.5
0.5 mi WESTBOUND OF IL 111/3	160+30	DRIVING	4
0.5 mi EASTBOUND OF IL 111/3	160+30	PASSING	3.75
1.0 mi EASTBOUND OF IL 111/3	186+70	TURNING	2
1.5 mi WESTBOUND OF IL 111/3	213+10	PASSING	4.25
1.0 mi EASTBOUND OF IL 111/3	186+70	PASSING	3
1.0 mi WESTBOUND OF IL 111/3	186+70	PASSING	2
1.5 mi EASTBOUND OF IL 111/3	213+10	PASSING	6
2.0 mi EASTBOUND OF IL 111/3	239+50	PASSING	2.25
2.5 mi EASTBOUND OF IL 111/3	265+90	PASSING	2
2.5 mi WESTBOUND OF IL 111/3	265+91	PASSING	2.5
2.0 mi WESTBOUND OF IL 111/3	239+50	PASSING	2.25
1.5 mi WESTBOUND OF IL 111/3	213+10	PASSING	4.75

REV. - MS

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						ILLINOIS FED. AID PROJECT					

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	80% FED 20% STATE
				ROADWAY 0005 URBAN
20200100	EARTH EXCAVATION	CU YD	5	5
25000210	SEEDING, CLASS 2A	ACRE	23	23
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	23	23
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	23	23
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	0.25	0.25
25100105	MULCH, METHOD 1	ACRE	0.25	0.25
28000400	PERIMETER EROSION BARRIER	FOOT	41	41
35100300	AGGREGATE BASE COURSE, TYPE A 4"	SQ YD	243	243
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	69896	69896
40600990	TEMPORARY RAMP	SQ YD	2188	2188
40602975	HOT-MIX ASPHALT BINDER COURSE, 1L-9.5FG, N90	TON	7249	7249
40604124	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, 1L-9.5FG, MIX "E", N90	TON	8698	8698
42001300	PROTECTIVE COAT	SQ YD	272	272
42400100	PORLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	309	309

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				80% FED 20% STATE ROADWAY 0005 URBAN
42400800	DETECTABLE WARNINGS	SQ FT	61	61
44000100	PAVEMENT REMOVAL	SQ YD	690	690
44000160	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	SQ YD	103550	103550
44000300	CURB REMOVAL	FOOT	221	221
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	13	13
44003100	MEDIAN REMOVAL	SQ FT	14225	14225
44200050	WELDED WIRE REINFORCEMENT	SQ YD	690	690
44201007	CLASS B PATCHES, TYPE II, 13 INCH	SQ YD	113	113
44201011	CLASS B PATCHES, TYPE III, 13 INCH	SQ YD	458	458
44201013	CLASS B PATCHES, TYPE IV, 13 INCH	SQ YD	232	232
44201299	DOWEL BARS 1 1/2"	EACH	872	872
44213000	PATCHING REINFORCEMENT	SQ YD	11079	11079
44213200	SAW CUTS	FOOT	23759	23759
44213204	TIE BARS 3/4"	EACH	3990	3990

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: _____ SHEET 1 OF 3 SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
789	1RS-2	MADISON	89	3
CONTRACT NO. 76G57				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				80% FED 20% STATE	
				ROADWAY	
				0005	URBAN
60600605	CONCRETE CURB, TYPE B	FOOT	34	34	
60603500	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06	FOOT	83	83	
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	13	13	
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	109	109	
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	2183	2183	
60619200	CONCRETE MEDIAN, TYPE SB-6.06	SQ FT	13367	13367	
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	1700	1700	
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4	4	
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	6	6	
63200310	GUARDRAIL REMOVAL	FOOT	2063	2063	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	15	15	
67100100	MOBILIZATION	L SUM	1	1	
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	1	1	
70100320	TRAFFIC CONTROL AND PROTECTION, STANDARD 701422	L SUM	1	1	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				80% FED 20% STATE	
				ROADWAY	
				0005	URBAN
70100350	TRAFFIC CONTROL AND PROTECTION, STANDARD 701101	EACH	1	1	
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1	
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1	
70102637	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	EACH	2	2	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	180	180	
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	24	24	
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	11286	11286	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	4751	4751	
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	72132	72132	
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	3515	3515	
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	1829	1829	
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	753	753	
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	6	6	

* SPECIALTY ITEM

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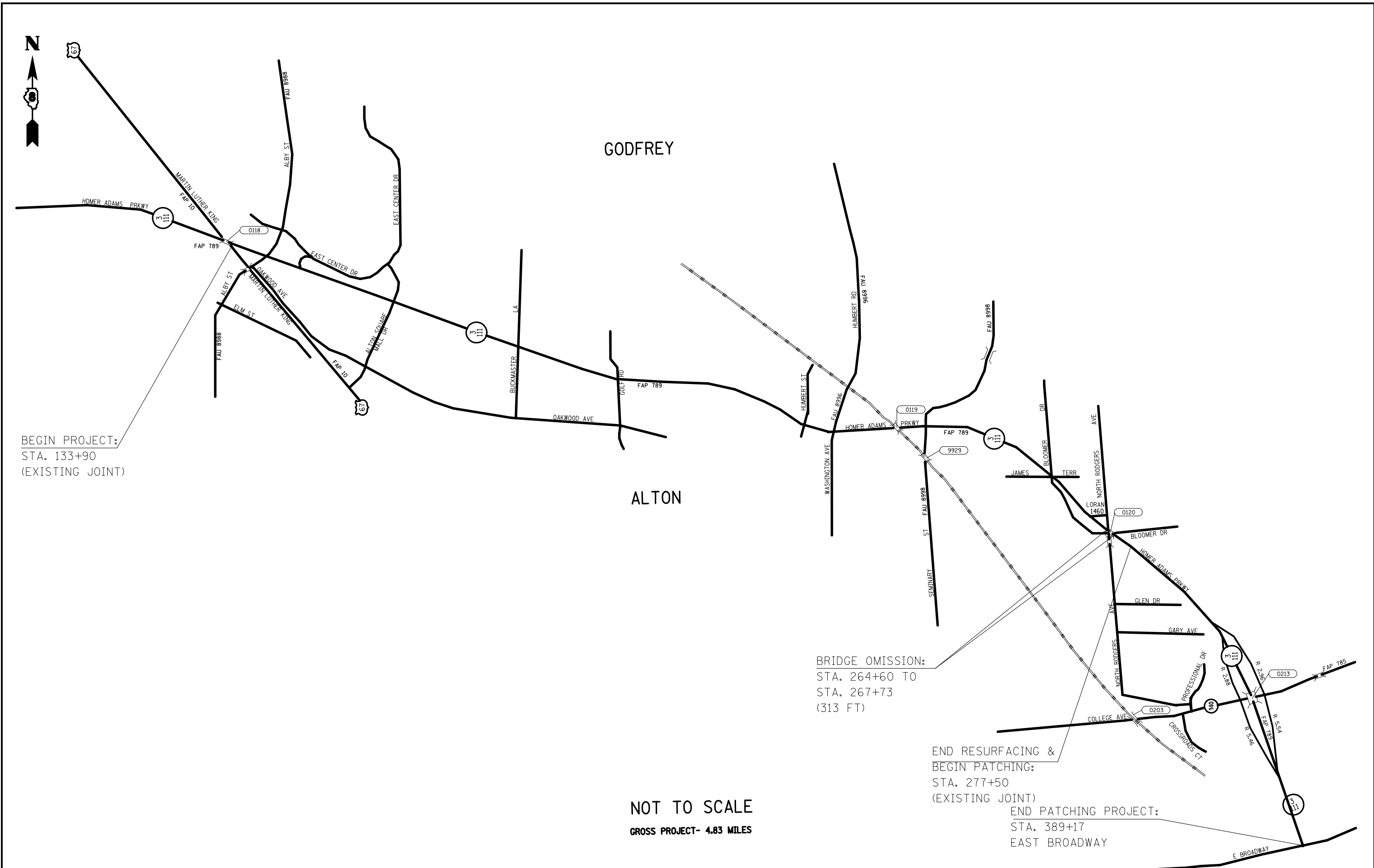
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	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: _____ SHEET 2 OF 3 SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
789	1RS-2	MADISON	89	3
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76G57	



BEGIN PROJECT:
STA. 133+90
(EXISTING JOINT)

BRIDGE OMISSION:
STA. 264+60 TO
STA. 267+73
(313 FT)

END RESURFACING &
BEGIN PATCHING:
STA. 277+50
(EXISTING JOINT)
END PATCHING PROJECT:
STA. 389+17
E BROADWAY

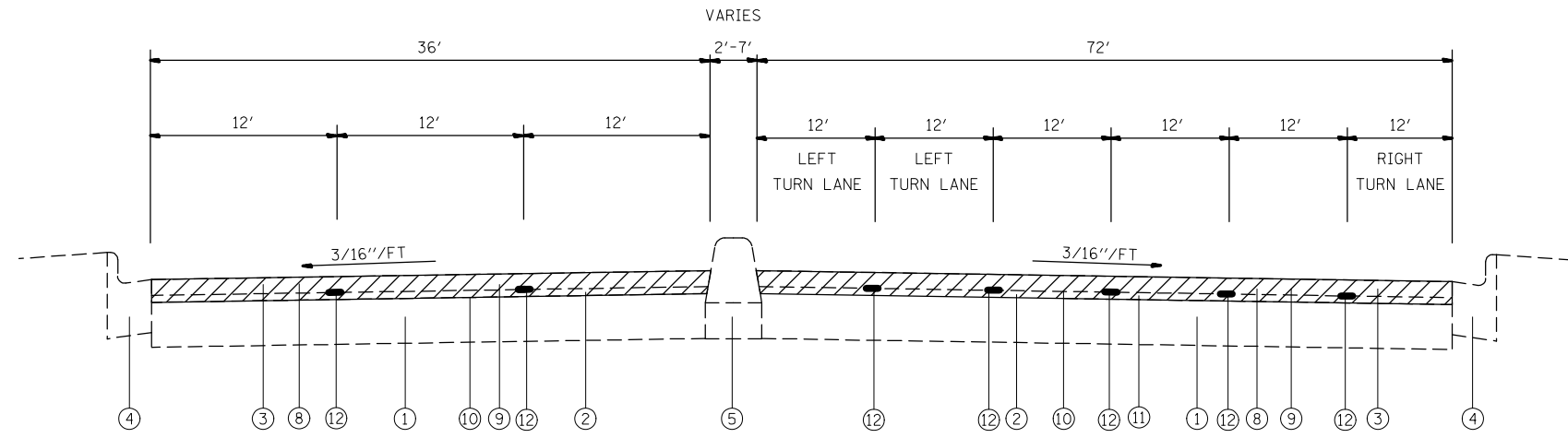
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LOCATION MAP			
SCALE: NTS	SHEET	OF SHEETS	STA. TO STA.

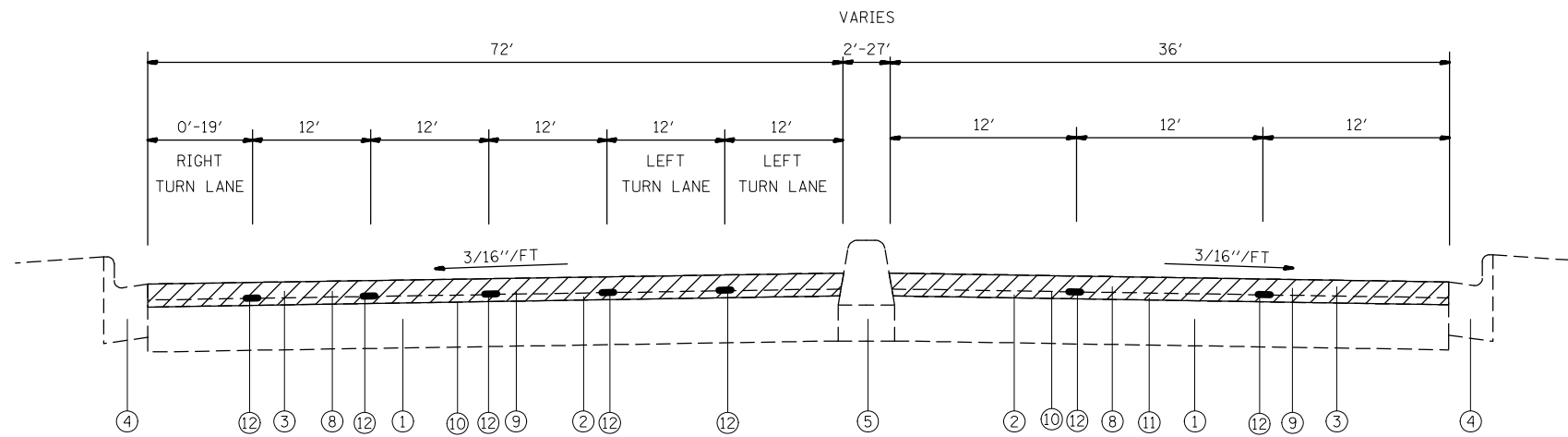
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
789	1RS-2	MADISON	89	6
CONTRACT NO. 76G57				
ILLINOIS FED. AID PROJECT				



TYPICAL SECTION (LOOKING EAST)

STA. 133+90 TO STA. 136+14

- ① EXISTING P.C.C PAVEMENT 13"
- ② EXISTING LEVELING BINDER (MM) MIX C, TYPE 1, 3/4"
- ③ EXISTING BITUMINOUS CONC. SURFACE CRSE, MIX E, CLASS I, TYPE 1, 1 1/2"
- ④ EXISTING COMBINATION CURB AND GUTTER
- ⑤ EXISTING CONCRETE MEDIAN
- ⑥ EXISTING BITUMINOUS SHOULDER 6"
- ⑦ EXISTING AGGREGATE SHOULDER, TYPE B, 6"
- ⑧ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL 2 3/4"
- ⑨ PROPOSED POLYMER HMA SURFACE COURSE, MIX E, N90 1 1/2"
- ⑩ PROPOSED BITUMINOUS MATERIAL (TACK COAT) (2 LIFTS)
- ⑪ PROPOSED POLYMERIZED BINDER, IL-9.5FG, N90 1-1/4"
- ⑫ PROPOSED LONGITUDINAL JOINT SEALANT



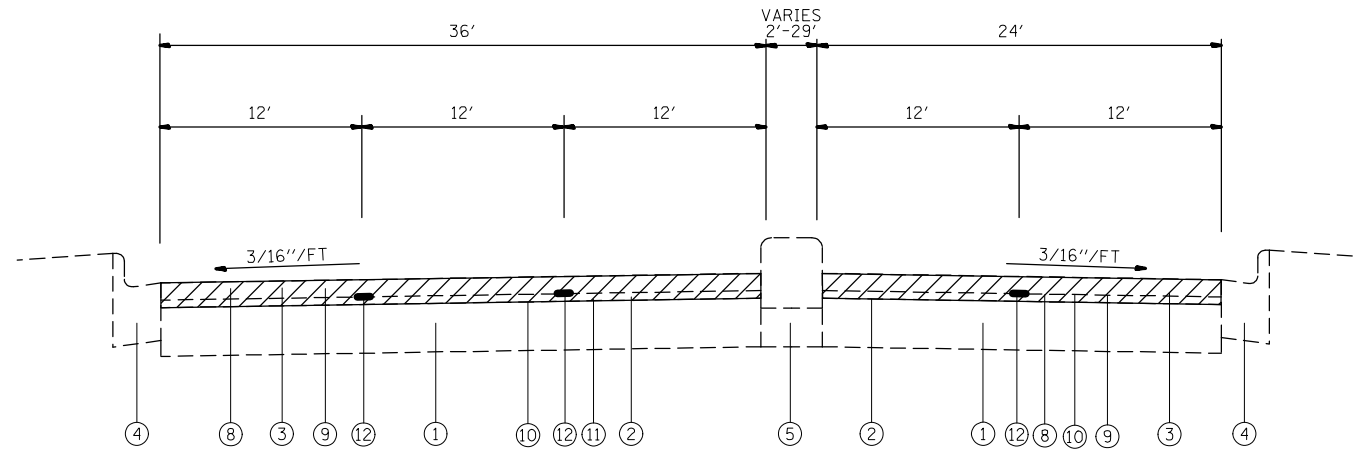
TYPICAL SECTION (LOOKING EAST)

STA. 136+14 TO STA. 143+25

LEGEND

PROPOSED MILLING DEPTH

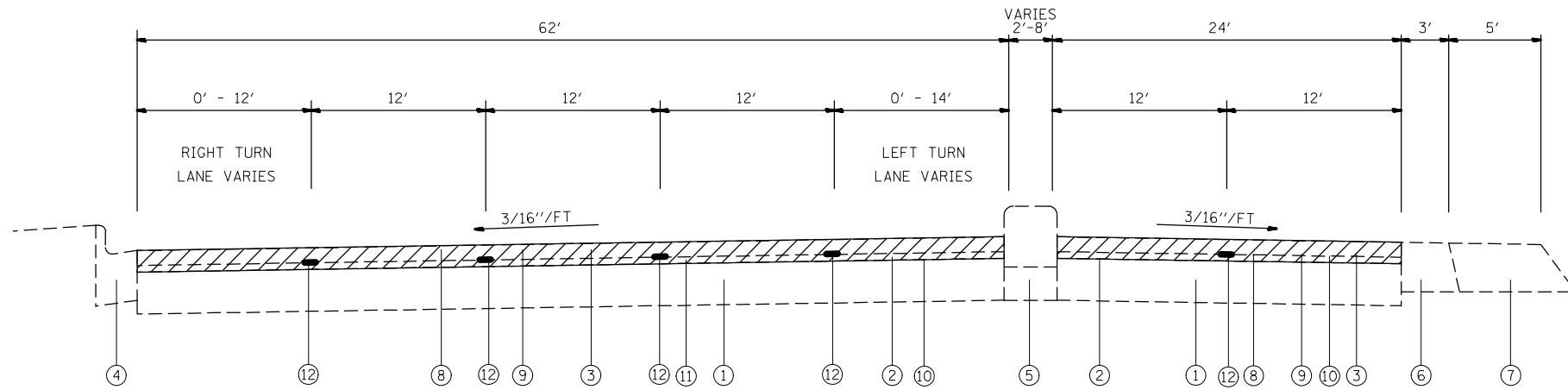
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PLLOT DATE = 3/9/2021	DATE -	REVISED -	REVISED -		CONTRACT NO. 76G57			FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
					SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.			



TYPICAL SECTION (LOOKING EAST)

STA. 143+00 TO STA. 155+83

- ① EXISTING P.C.C PAVEMENT 13"
- ② EXISTING LEVELING BINDER (MM) MIX C, TYPE 1, 3/4"
- ③ EXISTING BITUMINOUS CONC. SURFACE CRSE, MIX E, CLASS I, TYPE 1, 1 1/2"
- ④ EXISTING COMBINATION CURB AND GUTTER
- ⑤ EXISTING CONCRETE MEDIAN
- ⑥ EXISTING BITUMINOUS SHOULDER 6"
- ⑦ EXISTING AGGREGATE SHOULDER, TYPE B, 6"
- ⑧ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL 2 3/4"
- ⑨ PROPOSED POLYMER HMA SURFACE COURSE, MIX E, N90 1 1/2"
- ⑩ PROPOSED BITUMINOUS MATERIAL (TACK COAT) (2 LIFTS)
- ⑪ PROPOSED POLYMERIZED BINDER, IL-9.5FG, N90 1-1/4"
- ⑫ PROPOSED LONGITUDINAL JOINT SEALANT



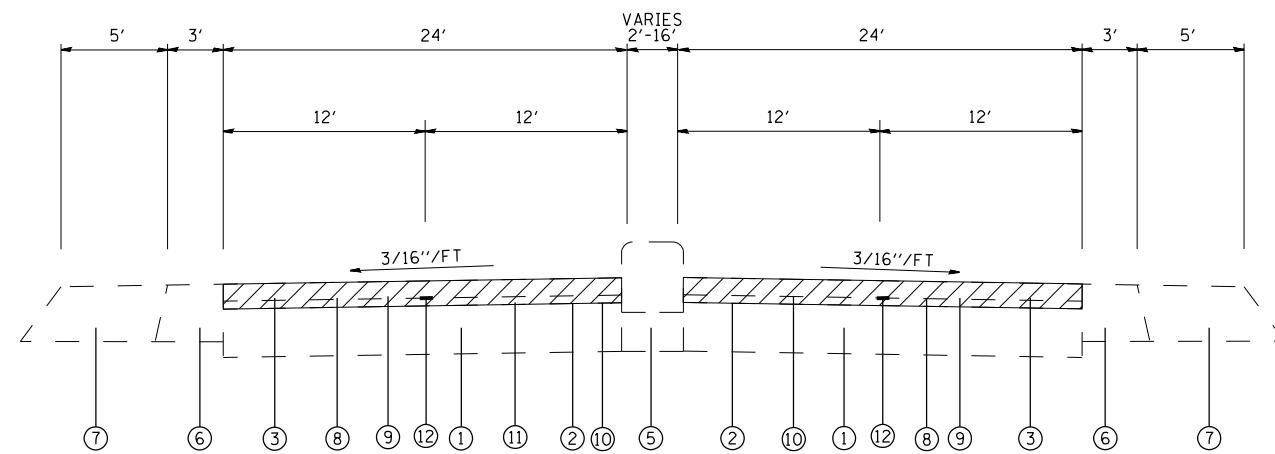
TYPICAL SECTION (LOOKING EAST)

STA. 155+83 TO STA. 161+62

LEGEND

PROPOSED MILLING DEPTH

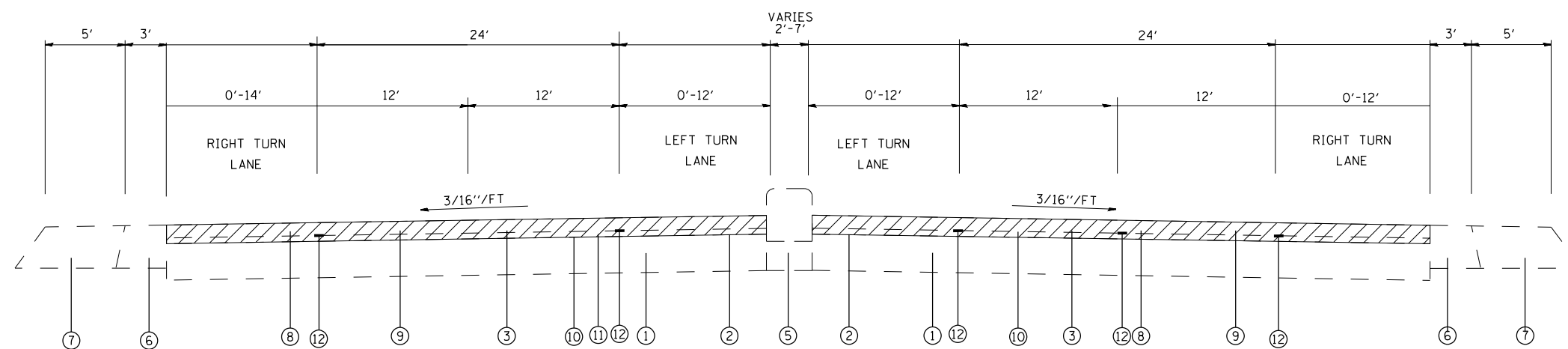
FILE NAME =	USER NAME = alfordb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\plenroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 8\Projects\D876657\Drawings\CAsheets\d876657-shr-typical.dwg					REVISIONS	789	IRS-2	MADISON	89	8	CONTRACT NO. 76G57		
PLOT SCALE = 40.0000' / in.					CHECKED -	REVISED -	SCALE:		SHEET NO.	OF	SHEETS	STA.	TO STA.
PLOT DATE = 3/9/2021					DATE -	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT						



TYPICAL SECTION (LOOKING EAST)

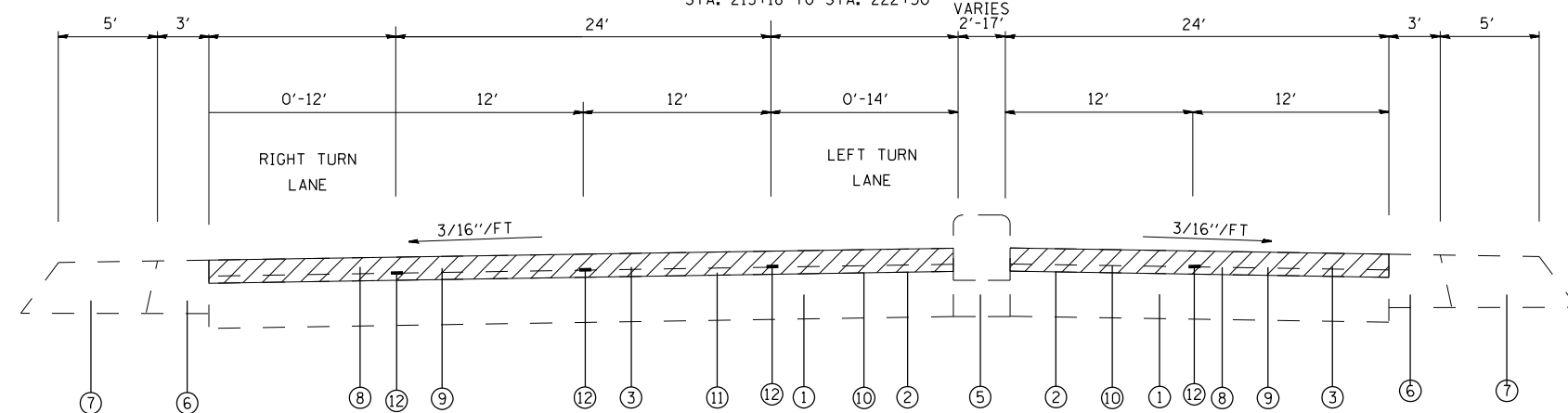
STA. 161+62 TO STA. 213+18

- ① EXISTING P.C.C PAVEMENT 13"
- ② EXISTING LEVELING BINDER (MM) MIX C, TYPE 1, 3/4"
- ③ EXISTING BITUMINOUS CONC. SURFACE CRSE, MIX E, CLASS I, TYPE 1, 1 1/2"
- ④ EXISTING COMBINATION CURB AND GUTTER
- ⑤ EXISTING CONCRETE MEDIAN
- ⑥ EXISTING BITUMINOUS SHOULDER 6"
- ⑦ EXISTING AGGREGATE SHOULDER, TYPE B, 6"
- ⑧ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL 2 3/4"
- ⑨ PROPOSED POLYMER HMA SURFACE COURSE, MIX E, N90 1 1/2"
- ⑩ PROPOSED BITUMINOUS MATERIAL (TACK COAT) (2 LIFTS)
- ⑪ PROPOSED POLYMERIZED BINDER, IL-9.5FG, N90 1-1/4"
- ⑫ PROPOSED LONGITUDINAL JOINT SEALANT



TYPICAL SECTION (LOOKING EAST)

STA. 213+18 TO STA. 222+30



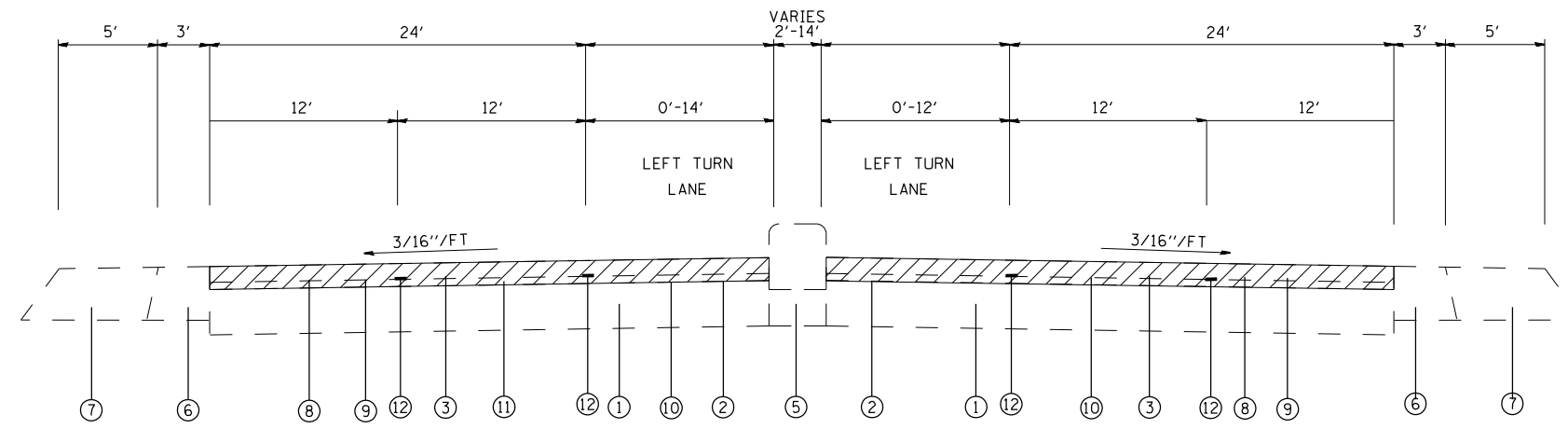
TYPICAL SECTION (LOOKING EAST)

STA. 222+30 TO STA. 230+11

LEGEND

PROPOSED MILLING DEPTH

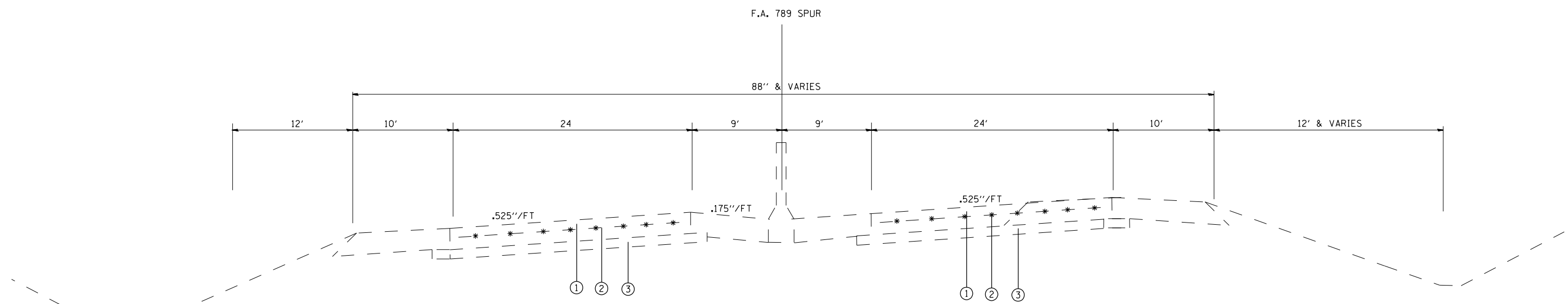
FILE NAME =	USER NAME = washington	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\planning\dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 8\Projects\087665\DRAWING\CABsheets\d876g57-shr-typical	PLLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -					789	IRS-2	MADISON	89	9
PLLOT DATE = 5/4/2021	DATE -	REVISED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 76057				
					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							



- ① EXISTING P.C.C PAVEMENT 13"
- ② EXISTING LEVELING BINDER (MM) MIX C, TYPE 1, 3/4"
- ③ EXISTING BITUMINOUS CONC. SURFACE CRSE, MIX E, CLASS I, TYPE 1, 1 1/2"
- ④ EXISTING COMBINATION CURB AND GUTTER
- ⑤ EXISTING CONCRETE MEDIAN
- ⑥ EXISTING BITUMINOUS SHOULDER 6"
- ⑦ EXISTING AGGREGATE SHOULDER, TYPE B, 6"
- ⑧ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL 2 3/4"
- ⑨ PROPOSED POLYMER HMA SURFACE COURSE, MIX E, N90 1 1/2"
- ⑩ PROPOSED BITUMINOUS MATERIAL (TACK COAT) (2 LIFTS)
- ⑪ PROPOSED POLYMERIZED BINDER, IL-9.5FG, N90 1-1/4"
- ⑫ PROPOSED LONGITUDINAL JOINT SEALANT

TYPICAL SECTION (LOOKING EAST)
 STA. 230+11 TO STA. 277+50
 (Bridge Omission STA. 264+60 TO 267+73)

LEGEND
 PROPOSED MILLING DEPTH



TYPICAL SECTION (LOOKING NORTHEAST)
 STA. 18+50 TO STA. 128+00

- ① EXISTING CONTINUALLY REINFORCED P.C.C. PAVEMENT -8"
- ② EXISTING PAVEMENT REINFORCEMENT 8"
- ③ EXISTING STABILIZED SUB-BASE 4"

FILE NAME =	USER NAME = washington	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\planning\dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 8\Projects\087665\Drawings\CABsheets\d876g57-sht-typical		DRAWN -	REVISED -		789	IRS-2	-	89	10				
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.				CONTRACT NO. 76C57				
PLOT DATE = 5/5/2021		DATE -	REVISED -						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

RESURFACING SCHEDULE											
LOCATION	STA.	TO	STA.	LANES (S.Y.)			LENGTH FOOT	BITUMINOUS MATERIAL (TACK COAT) POUND	HMA BINDER COURSE IL-9.5FG, N90 TON	POLY HMA SURFACE COURSE, MIX E, N90 TON	HMA SURFACE REMOVAL 2.75" SQYD
				MAINLINE L&R	LEFT TURN	RIGHT TURN					
IL RTE 111/3 EB	133+90	TO	151+00	6172	814	145	1710	4813	499	599	7131
IL RTE 111/3 EB	151+00	TO	175+00	6763	1083		2400	5296	549	659	7846
IL RTE 111/3 EB	175+00	TO	217+50	11985	1464	568	4250	9461	981	1177	14017
IL RTE 111/3 EB	217+50	TO	235+00	4667	1124	421	1750	4193	435	522	6212
IL RTE 111/3 EB	235+00	TO	264+61	7896	913	67	2961	5991	621	746	8876
BRIDGE	264+61	TO	267+73				OMISSION				
IL RTE 111/3 EB	267+73	TO	277+50	2605			977	1758	182	219	2605
IL RTE 111/3 WB	277+50	TO	267+73	2605			977	1758	182	219	2605
BRIDGE	267+73	TO	264+61				OMISSION				
IL RTE 111/3 WB	264+61	TO	230+00	9230	1152		3461	7008	727	872	10382
IL RTE 111/3 WB	230+00	TO	190+00	10667	1361	3968	4000	10797	1120	1344	15996
IL RTE 111/3 WB	190+00	TO	156+00	9840	1329	1333	3400	8439	875	1050	12502
IL RTE 111/3 WB	156+00	TO	133+90	8840	1451	2044	2210	8326	863	1036	12335
HUMBERT RD. N	310+15	TO	311+00	1182			85	798	83	99	1182
WASHINGTON AVE S	311+70	TO	312+75	1861			105	1256	130	156	1861
TOTAL :								69896	7249	8698	103550

FILE NAME =	USER NAME = washingtonaq	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\planroom\dot\illinois.gov\PIWIDOT\Documents\DOT Offices\District 8\Projects\D876G57\CADDData\CADSe\DRAWN57-shr-plan.dgn		CHECKED -	REVISED -						789	1RS-2	MADISON	89	11
PLOT SCALE = 100,0000' / in.		DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 76G57				
Default	PLOT DATE = 5/4/2021								ILLINOIS FED. AID PROJECT				

GUARDRAIL SCHEDULE

STA.	TO	STA.	LENGTH	SIDE	STEEL PLATE BEAM GUARDRAIL TYPE A, 6 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 1, (SPECIAL) TANGENT	TRAFFIC BARRIER TERMINAL, TYPE 6	GUARDRAIL REFLECTORS, TYPE A	TERMINAL MARKERS DIRECT APPLIED	GUARDRAIL REMOVAL
			(FOOT)	L/R	(FOOT)	(EACH)	(EACH)	(EACH)	(EACH)	(FOOT)
222+54.	TO	226+55.	500.00	R	400	2		5	2	362.5
254+65.	TO	264+90.	1025.00	R	925	1	1	12	1	1025
262+33.	TO	264+33.	200.00	L	100	1	1	1	1	200
267+47.	TO	270+47.	300.00	L	200	1	1	3	1	300
268+00.	TO	269+75.	175.00	R	75	1	1	1	1	175
TOTAL :					1700	6	4	21	6	2063

CURB REFLECTORS

LOCATION	STATION	TO	STATION	EACH
IL RTE 111/3	133+90	TO	136+20	16
IL RTE 111/3	137+65	TO	155+30	83
IL RTE 111/3	156+50	TO	173+50	122
IL RTE 111/3	174+95	TO	189+20	91
IL RTE 111/3	190+40	TO	217+40	141
IL RTE 111/3	218+15	TO	221+55	23
IL RTE 111/3	222+35	TO	234+80	68
IL RTE 111/3	235+75	TO	252+40	167
IL RTE 111/3	253+30	TO	260+15	53
IL RTE 111/3	261+10	TO	264+63	24
IL RTE 111/3	267+73	TO	277+50	49
ALBY ST ISLANDS	136+20	TO	137+65	
ALBY ST MEDIANS	82+00	TO	85+50	
ALTON SQ. RAMP	143+80	TO	144+90	
ALTON SQ. MALL	155+30	TO	156+50	
HUMBERT RD.	221+55	TO	222+35	36
WASHINGTON AVE.	221+00	TO	222+50	36
TOTAL				909

CONCRETE MEDIAN SURFACE, 4"

LOCATION	STATION	TO	STATION	LENGTH (FOOT)	WIDTH (FOOT)	MEDIAN REMOVAL (SQ. FOOT)	CONCRETE MEDIAN SURFACE 4 INCH (SQ. FOOT)	AGGREGATE BASE COURSE, TY A 4" (SQ. YARD)
IL RTE 111/3	152+27	TO	152+87	60	7.5	450	450	50
	161+35	TO	161+65	30	6	180	180	20
	163+46	TO	163+76	30	6	180	180	20
	163+86	TO	164+46	60	6	360	360	40
	216+00	TO	216+10	10	4	40	40	4.4
	218+53	TO	218+83	30	7	210	210	23.3
	221+24	TO	221+47	23	4	92	92	10.2
SUBTOTAL						1512	1512	168
10% SUB-TOTAL						151.2	151.2	16.8
GRAND TOTAL						1663	1663	185

CLASS A PATCHING SPECIAL											
STATION			LANE			CLASS A PATCHING SPECIAL 8"			SAW CUTS	TIE BARS 3/4"	PATCHING REINFORCEMENT
						TY-II	TY-III	TY-IV			
			LTH.	WTH.	SQ YDS	SQ YDS	SQ YDS	FT	EACH	SQ YDS	
NORTHBOUND IL-3 STA STARTS AT JOINT NORTH OF BROADWAY MERGE											
NB	DRIVING	6+00	0.0	20	12			26	88		26
NB	PASSING	6+00	0.0	20	12			26	88		26
NB	PASSING	11+28	0.1	150	12			200	348	75	200
NB	DRIVING	21+84	0.3	30	12			40	108	15	40
NB	PASSING	27+12	0.4	880	12			1173	1808	440	1173
NB	DRIVING	32+40	0.5	40	12			53	128	20	53
NB	PASSING	42+96	0.7	200	12			267	448	100	267
NB	PASSING	48+24	0.8	24	12			32	96	12	32
NB	PASSING	53+52	0.9	12	12		16		72		16
NB	PASSING	58+80	1.0	60	12			80	168	30	80
NB	PASSING	58+80	1.0	36	12			48	120	18	48
NB	PASSING	64+08	1.1	140	12			187	328	70	187
NB	PASSING	69+36	1.2	20	12			27	88		27
NB	PASSING	74+64	1.3	12	12		16		72		16
NB	PASSING	74+64	1.3	36	12			48	120	18	48
NB	DRIVING	79+92	1.4	30	12			40	108	15	40
NB	PASSING	85+20	1.5	12	12		16		72		16
NB	PASSING	95+76	1.7	6	12	8			60		8
NB	DRIVING	95+76	1.7	6	12	8			60		8
NB	PASSING	95+76	1.7	6	12	8			60		8
NB	DRIVING	101+04	1.8	6	12	8			60		8
NB	DRIVING	101+04	1.8	30	12			40	108	15	40
NB	DRIVING	101+04	1.8	15	12		20		78		20
NB	PASSING	101+04	1.8	15	12		20		78		20
NB	PASSING	101+04	1.8	12	12		16		72		16
NB	DRIVING	101+04	1.8	15	12		20		78		20
NB	PASSING	101+04	1.8	12	12		16		72		16
NB	DRIVING	101+04	1.8	6	12	8			60		8
NB	DRIVING	101+04	1.8	12	12		16		72		16
NB	DRIVING	101+04	1.8	24	12			32	96	12	32
NB	PASSING	101+04	1.8	24	12			32	96	12	32
NB	PASSING	106+32	1.9	12	12		16		72		16
NB	PASSING	111+60	2.0	12	12		16		72		16
NB	PASSING	111+60	2.0	12	12		16		72		16
NB	DRIVING	122+16	2.2	12	12		16		72		16
NB	PASSING	122+16	2.2	12	12		16		72		16
NB	PASSING	127+24	2.3	12	12		16		72		16
NB	PASSING	127+24	2.3	15	12		20		78		20
SUB TOTAL						40	272	2351	5748	852	2663
15% ANTICIPATED						6	35	349	840	128	394
TOTAL NORTHBOUND (THIS SHEET)						46	307	2700	6588	980	3057

CLASS A PATCHING SCHEDULE SPECIAL CONTINUED											
STATION			LANE		CLASS A PATCHING SPECIAL 8"			SAW CUTS	TIE BARS 3/4"	PATCHING REINFORCEMENT	
					TY - II	TY - III	TY - IV				
			LTH.	WTH.	SQ YDS	SQ YDS	SQ YDS	FT	EACH	SQ YDS	
SOUTHBOUND IL-3 STA STARTS AT US-67 OVERPASS EAST JOINT CONTINUED											
SB	DRIVING	127+93	2.6	12	12		16		72		16
SB	PASSING	127+93	2.6	12	12		16		72		16
SB	DRIVING	127+93	2.6	12	12		16		72		16
SB	PASSING	127+93	2.6	12	12		16		72		16
SB	DRIVING	122+65	2.7	12	12		16		72		16
SB	PASSING	117+37	2.8	6	12	8			60		8
SB	PASSING	117+37	2.8	50	12			67	148	25	67
SB	PASSING	117+37	2.8	520	12			693	1088	260	693
SB	PASSING	106+81	3.0	15	12		20		78		20
SB	DRIVING	96+25	3.2	180	12			240	408	90	240
SB	DRIVING	96+25	3.2	360	12			480	768	180	480
SB	PASSING	96+25	3.2	80	12			107	208	40	107
SB	PASSING	80+11	3.5	50	12			67	148	25	67
SB	DRIVING	80+11	3.5	120	12			160	288	60	160
SB	PASSING	74+83	3.6	150	12			200	348	75	200
SB	PASSING	69+55	3.7	840	12			1120	1728	420	1120
SB	DRIVING	58+99	3.9	500	12			667	1048	250	667
SB	PASSING	58+99	3.9	500	12			667	1048	250	667
SB	PASSING	53+71	4.0	1160	12			1547	2368	580	1547
SB	PASSING	37+87	4.3	120	12			160	288	60	160
SB	PASSING	37+87	4.3	520	12			693	1088	260	693
SUB TOTAL						8	100	6868	11470	2575	6976
15% ANTICIPATED						1	15	1030	1721	386	1046
TOTAL SOUTHBOUND						9	115	7898	13191	2961	8022
TOTAL NORTHBOUND						46	307	2700	6588	980	3057
GRAND TOTAL						<u>55</u>	<u>422</u>	<u>10598</u>	<u>19778</u>	<u>3941</u>	<u>11079</u>

CLASS B PATCHING SCHEDULE												
STATION			LANE			CLASS B PATCHING 13"			SAW CUTS	DOWEL BARS	TIE BARS 3/4"	WELDED WIRE REINFORCEMENT
						TY-II	TY-III	TY-IV				
			LTH.	WTH.	SQ YDS	SQ YDS	SQ YDS	FT	EACH	SQ YDS		
NORTHBOUND IL-3 STA STARTS AT JOINT NORTH OF BROADWAY MERGE												
NB	PASSING	255+53	2.6	15	12		20		78	20	20	
NB	DRIVING	239+69	2.9	6	12	8			60	20		
NB	DRIVING	229+13	3.1	12	12		16		72	20	16	
NB	PASSING	229+13	3.1	12	12		16		72	20	16	
NB	DRIVING	223+85	3.2	14	12		19		76	20	19	
NB	DRIVING	223+85	3.2	12	12		16		72	20	16	
NB	DRIVING	218+57	3.3	45	12			60	138	20	22.5	
NB	PASSING	218+57	3.3	12	12		16		72	20	16	
NB	PASSING	208+01	3.5	40	12			53	128	20	20	
NB	DRIVING	192+17	3.8	12	12		16		72	20	16	
NB	DRIVING	192+17	3.8	12	12		16		72	20	16	
SOUTHBOUND IL-3 STA STARTS AT US-67 OVERPASS EAST JOINT												
SB	DRIVING	160+30	0.5	15	12		20		78	20	20	
SB	DRIVING	165+58	0.6	12	12		16		72	20	16	
SB	PASSING	165+58	0.6	12	12		16		72	20	16	
SB	DRIVING	165+58	0.6	12	12		16		72	20	16	
SB	DRIVING	165+58	0.6	12	12		16		72	20	16	
SB	TURN LANE	165+58	0.6	12	12		16		72	20	16	
SB	DRIVING	197+26	1.2	15	12		20		78	20	20	
SB	DRIVING	250+06	2.2	12	12		16		72	20	16	
SB	PASSING	250+06	2.2	12	12		16		72	20	16	
SOUTHBOUND IL-3 OFF RAMP TO IL-140/111 STA STARTS AT BEGINNING OF RAMP												
SB	DRIVING	47+71	0.6	6	16	11			76	20		
SB	DRIVING	52+99	0.7	12	12		16		72	20	16	
SB	PASSING	0+01	12.0	12	12		16		72	20	16	
SOUTHBOUND IL-3 ON RAMP FROM IL-140/111 STA STARTS AT JOINT												
SB	DRIVING	1+96	0.0	4	36		16		152	20	16	
SB	DRIVING	1+96	0.0	12	16		21		88	20	21	
SB	DRIVING	7+24	0.1	6	16	11			76	20		
SB	DRIVING	7+24	0.1	6	16	11			76	20		
SB	DRIVING	7+24	0.1	12	16		21		88	20	21	
SB	DRIVING	12+52	0.2	6	16	11			76	20		
SB	DRIVING	12+52	0.2	6	16	11			76	20		
SB	DRIVING	12+52	0.2	16	16			28	96	20	28	
SB	DRIVING	17+80	0.3	16	16			28	96	20	28	
SB	DRIVING	17+80	0.3	3	100			33	406	20	33	
SOUTHBOUND IL-3 OFF RAMP TO IL-140/111 STA STARTS AT BEGINNING OF RAMP												
SB	DRIVING	21+31	0.1	6	16	11			76	20		
SB	DRIVING	31+87	0.3	6	12	8			60	20		
SB	DRIVING	31+87	0.3	6	12	8			60	20		
SB	DRIVING	31+87	0.3	6	12	8			60	20		
SB	DRIVING	31+87	0.3	16	12		21		80	20	21	
SUB TOTAL						98	398	202	3358	760	43	600
15% SUBTOTAL *						15	60	30	504	114	6	90
TOTAL						113	458	232	3862	874	49	690

STATION	TO	STATION	LENGTH	DIRECTION	THERMOPLASTIC PAVEMENT MARKING							RAISED REFLECTIVE PAVEMENT MARKERS			SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	TEMPORARY PAVEMENT MARKING LINE 4"	TEMPORARY PAVEMENT MARKING LINE 8"	TEMPORARY PAVEMENT MARKING LINE 12"	TEMPORARY PAVEMENT MARKING LINE 24"
					LINE 4"				LINE 8" LANE LINE	LINE 12"	LINE 24" STOP BAR	AMBER 2-WAY	CRYSTAL 1-WAY	REMOVAL						
					WHITE		YELLOW													
					SKIP DASH	AUX-LANE	LANE LINE	LANE LINE												
		FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT		
IL 111/3																				
133+90	TO	277+50	14360	EB/WB	7180		28720						359	359	2616	863	35900			
133+90	TO	143+00	910	EB/WB	920								23	23	168	55	920			
137+69	TO	140+87	318	EB/WB	8								8	8	64	21	8			
143+00	TO	161+62	1862	EB/WB	940								23	23	344	114	940			
215+00	TO	221+00	600	EB/WB	300								15	15	112	37	300			
133+90	TO	136+16	226	EB/WB			508								96	32	508			
137+66	TO	155+28	1762	EB/WB			3524								648	214	3524			
156+50	TO	173+52	1702	EB/WB			3404								624	206	3404			
174+97	TO	179+62	465	EB/WB			465								88	29	465			
179+62	TO	185+75	613	EB/WB			1836								336	111	1836			
185+75	TO	189+20	345	EB/WB			690								128	42	690			
190+42	TO	217+40	2698	EB/WB			5396								984	325	5396			
218+47	TO	221+55	308	EB/WB			616								112	37	616			
222+34	TO	234+80	1246	EB/WB			2492								456	150	2492			
235+75	TO	252+43	1668	EB/WB			3336								608	201	3336			
253+33	TO	260+20	687	EB/WB			1374								256	84	1374			
261+10	TO	264+60	350	EB/WB			700								128	42	700			
267+73	TO	277+50	977	EB/WB			1954								360	119	1954			
134+26	TO	136+14	188	EB/WB			188						5	5	40	13	188			
134+69	TO	135+76	107	EB/WB			107						4	4	24	8	107			
137+68	TO	140+87	319	EB/WB			319						8	8	64	21	319			
137+68	TO	141+40	372	EB/WB			372						9	9	72	24	372			
153+37	TO	155+52	215	EB/WB			215						6	6	40	13	215			
156+21	TO	158+60	239	EB/WB			239						6	6	48	16	239			
156+62	TO	161+62	500	EB/WB			500						13	13	96	32	500			
171+54	TO	173+90	236	EB/WB			236						6	6	48	16	236			
174+58	TO	176+95	237	EB/WB			237						6	6	48	16	237			
181+90	TO	189+20	730	EB/WB			730						18	18	136	45	730			
190+25	TO	192+49	224	EB/WB			224						6	6	48	16	224			
190+25	TO	194+14	389	EB/WB			389						11	11	72	24	389			
215+32	TO	217+60	229	EB/WB			229						7	7	48	16	229			
216+36	TO	217+60	124	EB/WB			124						4	4	24	8	124			
218+48	TO	219+23	75	EB/WB			75						2	2	16	5	75			
220+00	TO	221+42	142	EB/WB			142						4	4	32	11	142			
220+00	TO	221+42	142	EB/WB			142						4	4	32	11	142			
222+37	TO	225+13	276	EB/WB			276						7	7	56	18	276			
233+66	TO	234+89	123	EB/WB			123						3	3	24	8	123			
235+58	TO	238+48	290	EB/WB			290						7	7	56	18	290			
251+36	TO	252+40	104	EB/WB			104						4	4	24	8	104			
253+36	TO	255+65	229	EB/WB			229						7	7	48	16	229			
258+61	TO	260+17	156	EB/WB			156						4	4	32	11	156			
																	0			
136+00	TO	137+70	170	EB/WB			132								66	22	132			
140+87	TO	143+25	238	EB/WB			60								30	10	60			
141+40	TO	143+25	185	EB/WB			48								24		48			
151+06	TO	153+37	232	EB/WB			58								29	10	58			
147+77	TO	151+44	367	EB/WB			92								46		92			

PAVEMENT MARKING SCHEDULE CONTINUED ON NEXT SHEET

FILE NAME =	USER NAME = alfordb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\planroom\dot\illinois.gov\PWIDOT\Documents\DOT Offices\District 8\Projects\187657\CADData\CAD\DRAWN\57-shr-plan.dgn		CHECKED -	REVISED -						789	1RS-2	MADISON	89	16
PLOT SCALE = 100,0000' / in.		DATE -	REVISED -		CONTRACT NO. 76G57								
Default	PLOT DATE = 3/9/2021				SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS	FED. AID PROJECT

STATION	TO	STATION	LENGTH	DIRECTION	THERMOPLASTIC PAVEMENT MARKING							RAISED REFLECTIVE PAVEMENT MARKERS			SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	TEMPORARY PAVEMENT MARKING LINE 4"	TEMPORARY PAVEMENT MARKING LINE 8"	TEMPORARY PAVEMENT MARKING LINE 12"	TEMPORARY PAVEMENT MARKING LINE 24"
					LINE 4"				LINE 8" LANE LINE	LINE 12"	LINE 24" STOP BAR	AMBER 2-WAY	CRYSTAL 1-WAY	REMOVAL						
					WHITE		YELLOW													
					SKIP DASH	AUX-LANE	LANE LINE	LANE LINE	FOOT	FOOT	FOOT	FOOT	FOOT	EACH						
155+80	TO	156+54	130	EB/WB		34							17		34					
158+60	TO	160+89	229	EB/WB		58							29	10	58					
161+62	TO	166+25	463	EB/WB		116							58		116					
168+40	TO	171+55	315	EB/WB		80							40	13	80					
176+95	TO	179+35	240	EB/WB		60							30	10	60					
179+62	TO	181+90	228	EB/WB		58							29		58					
192+49	TO	194+53	204	EB/WB		52							26	9	52					
194+14	TO	198+34	420	EB/WB		106							53		106					
213+47	TO	215+32	185	EB/WB		48							24	8	48					
214+85	TO	216+36	151	EB/WB		38							19	6	38					
218+51	TO	220+00	149	EB/WB		38							19	6	38					
218+84	TO	220+00	116	EB/WB		30							15	5	30					
219+23	TO	219+94	71	EB/WB		18							9	3	18					
225+13	TO	226+63	150	EB/WB		38							19	6	38					
228+58	TO	230+11	153	EB/WB		40							20		40					
231+55	TO	233+65	210	EB/WB		54							27	9	54					
238+48	TO	239+91	143	EB/WB		36							18	6	36					
250+36	TO	251+36	100	EB/WB		26							13	4	26					
255+65	TO	258+61	296	EB/WB		74							37	12	74					
255+41	TO	258+61	320	EB/WB		80							40	13	80					
136+13				EB									62	20				62		
137+68				WB									62	20				62		
155+14				EB									14	5				14		
155+52				EB									24	8				24		
156+21				WB									36	12				36		
156+54				WB									14	5				14		
173+47				EB									12	4				12		
173+90				EB									24	8				24		
174+58				WB									24	8				24		
175+00				WB									12	4				12		
189+15				FR									13	4				13		
189+20				EB									24	8				24		
190+25				WB									24	8				24		
190+45				WB									12	4				12		
217+37				EB									16	5				16		
217+60				EB									38	13				38		
218+49				WB									48	16				48		
221+41				EB									36	12				36		
222+37				WB									36	12				36		
234+77				EB									12	4				12		
234+89				EB									24	8				24		
235+58				WB									24	8				24		
235+78				WB									12	4				12		
252+40				EB									40	13				40		
253+36				WB									36	12				36		
ALBY ST.																				
82+00	TO	82+78	78	NB/SB																
84+48	TO	85+60	112	NB/SB																
82+00	TO	84+88	288	NB/SB																
84+19	TO	85+60	141	NB/SB																
82+00	TO	82+80	80	NB/SB																

PAVEMENT MARKING SCHEDULE CONTINUED ON NEXT SHEET

FILE NAME =	USER NAME = allfordb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\planroom\dot.illinois.gov\PWIDOT\Documents\DOT Offices\District 8\Projects\0876G57\CADData\CAD\DRAWN\57-shk-plan.dgn		CHECKED -	REVISED -						789	1RS-2	MADISON	89	17
PLOT SCALE = 100,0000' / in.		DATE -	REVISED -		CONTRACT NO. 76G57								
Default	PLOT DATE = 3/9/2021				SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS	FED. AID PROJECT

STATION	TO	STATION	LENGTH	DIRECTION	THERMOPLASTIC PAVEMENT MARKING							RAISED REFLECTIVE PAVEMENT MARKERS			SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	TEMPORARY PAVEMENT MARKING LINE 4"	TEMPORARY PAVEMENT MARKING LINE 8"	TEMPORARY PAVEMENT MARKING LINE 12"	TEMPORARY PAVEMENT MARKING LINE 24"	
					LINE 4"				LINE 8" LANE LINE	LINE 12"	LINE 24" STOP BAR	AMBER 2-WAY	CRYSTAL 1-WAY	REMOVAL							
					WHITE		YELLOW														
					SKIP DASH	AUX-LANE	LANE LINE	LANE LINE													
		FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH	FOOT	SQFT	FOOT	FOOT	FOOT	FOOT				
82+79				SB																	
82+88				NB																	
83+00				SB																	
84+32				SB																	
84+46				NB																	
84+65				NB																	
ALTON SQUARE MALL DR.																					
201+03	TO	201+60	57	NB/SB																	
201+12	TO	201+60	48	NB/SB																	
200+56	TO	201+60	104	NB/SB																	
200+75	TO	201+60	85	NB/SB																	
200+71	TO	201+86	115	NB/SB																	
200+71				SB																	
200+75				SB																	
MORNING STAR RD.																					
600+52	TO	601+11	59	NB/SB			118						16	5		118					
600+68	TO	601+10	42	NB/SB				84				4		4	8	3	84				
499+43															26	9		26			
600+90															16	5		16			
HUMBERT ST.																					
498+90	TO	499+57	67	NB/SB			134	108				2		2	16	5	242				
HUMBERT RD.																					
310+15	TO	311+00	85	NB/SB	60		300	150					10	10	16	5	510				
310+59				SB											18	6		18			
310+58				SB											18	6		18			
310+89				SB											36	12		36			
WASHINGTON AVE.																					
311+70	TO	312+75	105	NB/SB	60		380	210					10	10	24	8	650				
311+81				NR											36			36			
312+00				NB											20			20			
312+08				SB											18			18			
RAMP TO MALL																					
141+55	TO	151+44	989	EB/WB			1978								184	61	1978				
135+76	TO	136+40	64	EB/WB				185	34						16	5	185	34			
136+20	TO	136+54	34	EB/WB				114	79						8	3	114	79			
137+14	TO	137+71	57	EB/WB				265	97						16	5	265	97			
137+34	TO	137+69	35	EB/WB				116	35						8	3	116	35			
144+85	TO	147+77	292	EB/WB				583	94						56	18	583	94			
145+50	TO	148+00	250	WB					173						48	16		173			
155+31	TO	155+66	35	EB/WB				142	48						8	3	142	48			
156+00	TO	156+63	63	EB/WB				212	86						16	5	212	86			
220+89	TO	221+69	80	EB/WB				220	66						16	5	220	66			
221+01	TO	221+57	56	FB/WB				211	96						16	5	211	96			
222+28	TO	222+60	32	EB/WB				179	74						8	3	179	74			
222+65	TO	228+58	593	FB/WB				1288	685						112	37	1288	685			
CROSSWALKS																					
189+25	TO	189+31	77	EB/WB					154						154	51		154			
221+45	TO	221+51	131	FB/WB					262						262	86		262			
SUB TOTAL :					9468	1474	37275.5	26847				6	597				75064	3515	1983	867	
TOTAL :					75064				3515	1983	867	603			603	11794	4919	75064	3515	1983	867

THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS

LOCATION	STATION	ARROWS	LEFT OR RIGHT	LETTERS & SYMBOLS	LOCATION	STATION	ARROWS	LEFT OR RIGHT	LETTERS & SYMBOLS	
				SQFT					SQFT	
IL 111/3	134+75	2	L	31.2	IL 111/3	222+87	=	2	L/R	31.2
	135+64	2	L	31.2		224+60	=	2	L/R	31.2
	135+75	1	R	15.6		233+94	=	1	L	15.6
	138+18	1	R	15.6		234+59	=	1	L	15.6
	138+19	2	L	31.2		235+90	=	1	L	15.6
	139+26	3	2L/R	46.8		237+04	=	1	L	15.6
	140+36	3	2L/R	46.8		238+18	=	1	L	15.6
	153+68	1	L	15.6		251+61	=	1	L	15.6
	154+86	1	L	15.6		252+13	=	1	L	15.6
	156+82	1	L	15.6		253+87	=	1	L	15.6
	156+86	1	R	15.6		255+16	=	1	L	15.6
	158+29	1	L	15.6		258+86	=	1	L	15.6
	158+60	1	R	15.6		259+91	=	1	L	15.6
	160+75	1	R	15.6						
	172+05	1	L	15.6	ALBY ST.	82+50	=			
	172+98	1	L	15.6		85+22	=			
	175+50	1	L	15.6		85+50	=			
	176+45	1	L	15.6		84+71	=			
	186+21	1	L	15.6						
	187+80	1	L	15.6	ALTON SQUARE MALL DR.					
	188+85	1	L	15.6	(2 ARROW COMBO, 26 SQFT)	200+90	=			
	190+87	1	L	15.6		201+13	=			
	191+94	1	L	15.6		201+19	=			
	215+84	1	R	15.6		201+54	=			
					(2 ARROW COMBO, 26 SQFT)	201+45	=			
	216+61	1	L	15.6		201+56	=			
	217+12	2	L/R	31.2						
	218+73	1	L	15.6	N. HUMBERT RS.	310+38	=	1	L	15.6
	218+98	1	L	15.6		310+39	=	1	r	15.6
	220+24	2	L/R	31.2						
	221+17	1	L	15.6	WASHINGTON AVE	312+06	=	1	L	15.6
	221+14	1	R	15.6		312+41	=	2	L/R	31.2
TOTAL :										936

CONCRETE CURB, TYPE B

LOCATION	STATION	TO	STATION	EB / WB	CURB REMOVAL (FOOT)	CONCRETE CURB, TYPE B
IL RTE 111/3	138+52	TO	138+55	EB	3	3
	142+60	TO	142+63	EB	3	3
	157+25	TO	157+31	WB	6	6
	161+23	TO	161+26	WB	3	3
	230+41	TO	230+44	EB	3	3
	230+64	TO	230+67	EB	3	3
	221+45	TO	221+47	EB / WB	8	8
	SUBTOTAL					29
15% SUBTOTAL					4.4	4.4
GRAND TOTAL					34	34

CONCRETE BARRIER MEDIAN

LOCATION	STATION	TO	STATION	LENGTH (FOOT)	WIDTH (FOOT)	MEDIAN REMOVAL (SQ FT)	CONCRETE MEDIAN TYPE SB-6.06 (SQ FT)
IL RTE 111/3	136+10	TO	136+16	6	4	24	24
	137+66	TO	137+72	6	4	24	24
	165+00	TO	165+41	41	4	164	164
	167+34	TO	167+40	6	3	18	18
	167+41	TO	169+27	186	4	744	744
	171+55	TO	172+79	124	4	496	496
	172+81	TO	173+51	70	4	280	280
	177+52	TO	178+43	91	9.5	864.5	864.5
	179+00	TO	179+44	44	16	704	704
	212+00	TO	212+42	42	4	168	168
	212+63	TO	212+96	33	4	132	132
	217+32	TO	217+38	6	4	24	24
	218+47	TO	218+53	6	6	36	36
	221+47	TO	221+53	6	4	24	SEE ADA DETAIL
	222+35	TO	222+41	6	4	24	24
	234+73	TO	234+79	6	4	24	24
	235+76	TO	236+61	85	4	340	340
	247+12	TO	252+42	530	9	4770	4770
	253+34	TO	260+18	684	4	2736	2736
	261+10	TO	261+16	6	8.5	51	51
SUBTOTAL						11647.5	11623.5
15% SUBTOTAL						1747.1	1743.5
GRAND TOTAL						13395	13367

LONGITUDINAL JOINT SEALANT

LOCATION	STA.	TO	STA.	LENGTH	LOCATION	STA.	TO	STA.	LENGTH
				FOOT					FOOT
IL RTE 111/3 EB (THRU LANE)	134+28	TO	264+60	13032	IL RTE 111/3 WB (LEFT TURN LANE)	239+90	TO	235+50	440
BRIDGE	264+60	TO	267+73	OMISSION	IL RTE 111/3 WB (RIGHT TURN LANE)	230+00	TO	222+36	764
IL RTE 111/3 EB (THRU LANE)	267+73	TO	277+50	977	IL RTE 111/3 WB (LEFT TURN LANE)	226+61	TO	222+36	425
IL RTE 111/3 EB (LEFT TURN LANE)	133+90	TO	137+72	382	IL RTE 111/3 WB (LEFT TURN LANE)	220+00	TO	218+00	200
IL RTE 111/3 EB (LEFT TURN LANE)	134+10	TO	137+70	360	IL RTE 111/3 WB (THRU LANE)	221+00	TO	215+00	600
IL RTE 111/3 EB (RIGHT TURN LANE)	134+70	TO	138+30	360	IL RTE 111/3 WB (RIGHT TURN LANE)	198+35	TO	190+25	810
IL RTE 111/3 EB (THRU LANE)	134+50	TO	148+05	1355	IL RTE 111/3 WB (LEFT TURN LANE)	194+60	TO	190+25	435
IL RTE 111/3 EB (RIGHT EDGE LANE)	144+50	TO	148+05	355	IL RTE 111/3 WB (LEFT TURN LANE)	179+25	TO	174+55	470
IL RTE 111/3 EB (LEFT TURN LANE)	151+12	TO	156+52	540	IL RTE 111/3 WB (RIGHT TURN LANE)	166+25	TO	156+00	1025
IL RTE 111/3 EB (LEFT TURN LANE)	168+40	TO	173+90	550	IL RTE 111/3 WB (LEFT TURN LANE)	160+90	TO	156+20	470
IL RTE 111/3 EB (LEFT TURN LANE)	179+60	TO	189+20	960	IL RTE 111/3 WB (THRU LANE)	161+75	TO	133+40	2835
IL RTE 111/3 EB (RIGHT TURN LANE)	213+45	TO	217+60	415	IL RTE 111/3 WB (RIGHT TURN LANE)	151+40	TO	137+25	1415
IL RTE 111/3 EB (LEFT TURN LANE)	215+00	TO	217+60	260	IL RTE 111/3 WB (LEFT TURN LANE) (2)	143+10	TO	137+60	1100
IL RTE 111/3 EB (LEFT TURN LANE)	218+50	TO	221+40	290	ALBY ST SOUTH (THRU LANES) (2)	84+00	TO	85+60	
IL RTE 111/3 EB (RIGHT TURN LANE)	218+50	TO	221+40	290	ALBY ST SOUTH (L/R TURN LANES) (2)	84+00	TO	85+60	
IL RTE 111/3 EB (LEFT TURN LANE)	231+55	TO	234+90	335	ALBY ST NORTH (THRU LANES) (2)	82+00	TO	83+00	
IL RTE 111/3 EB (LEFT TURN LANE)	250+48	TO	252+40	192	ALBY ST NORTH (L/R TURN LANES) (3)	82+00	TO	83+00	
IL RTE 111/3 EB (LEFT TURN LANE)	255+55	TO	260+20	465	ALTON MALL (L/R TURN LANES) (4)	201+60	TO	200+55	
IL RTE 111/3 WB (THRU LANE)	277+50	TO	267+73	977	HUMBERT ST. SOUTH (CENTER LINE)	498+90	TO	499+50	60
BRIDGE	267+73	TO	264+60	OMISSION	MORNING STAR NORTH (CENTER LINE)	600+60	TO	601+10	50
IL RTE 111/3 WB (THRU LANE)	264+60	TO	133+40	13120	WASHINGTON AVE SOUTH (ALL) (4)	311+70	TO	312+76	424
IL RTE 111/3 WB (LEFT TURN LANE)	258+60	TO	253+36	524	HUMBERT RD NORTH (ALL LANES) (4)	311+00	TO	311+85	340
TOTAL=									47602

FILE NAME =	USER NAME = allfordb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw2\planroom\dot\illinois.gov\PWIDOT\Documents\DOT Offices\District 8\Projects\187657\CADData\CADs\187657-sh1-plan.dgn		CHECKED -	REVISED -		789	1RS-2	MADISON	89	21				
PLOT SCALE = 100,0000' / in.		DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 76G57				
Default	PLOT DATE = 3/9/2021				ILLINOIS FED. AID PROJECT								

TEMPORARY RAMPS

LOCATION	STATION	TEMPORARY RAMPS
IL 111/3	STA. 133+90	170
	ALBY ST. NORTHEND	72
	ALBY ST. SOUTHEND	56
	RAMP TO ALTON SQUARE MALL	13
	ALTON SQUARE MALL DRIVE NORTHEND	45
	ALTON SQUARE MALL DRIVE SOUTHEND	204
	BUCKMASTER ROAD NORTHEND	195
	BUCKMASTER ROAD SOUTHEND	195
	GOLF ROAD NORTHEND	208
	GOLF ROAD SOUTHEND	142
	MORNINGSTAR ROAD NORTHEND	18
	HUMBERT STREET SOUTHEND	22
	HUMBERT ROAD NORTHEND	67
	WASHINGTON AVENUE SOUTHEND	62
	SEMINARY STREET NORTHEND	167
	SEMINARY STREET SOUTHEND	154
	BLOOMER DRIVE NORTHEND	83
	BLOOMER DRIVE SOUTHEND	113
	LORAN LANE SOUTHEND	67
	STA. 264+60	67
	STA. 267+33	71
	TOTAL=	2183

FILE NAME =	USER NAME = washingtonq	DESIGNED -	REVISED -
pww\planroom\dot\illinois.gov\PWIDOT\Documents\DOT Offices\District 8\Projects\1876657\CADDData\CADSe		DRAWN -	REVISED -
Default	PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/6/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

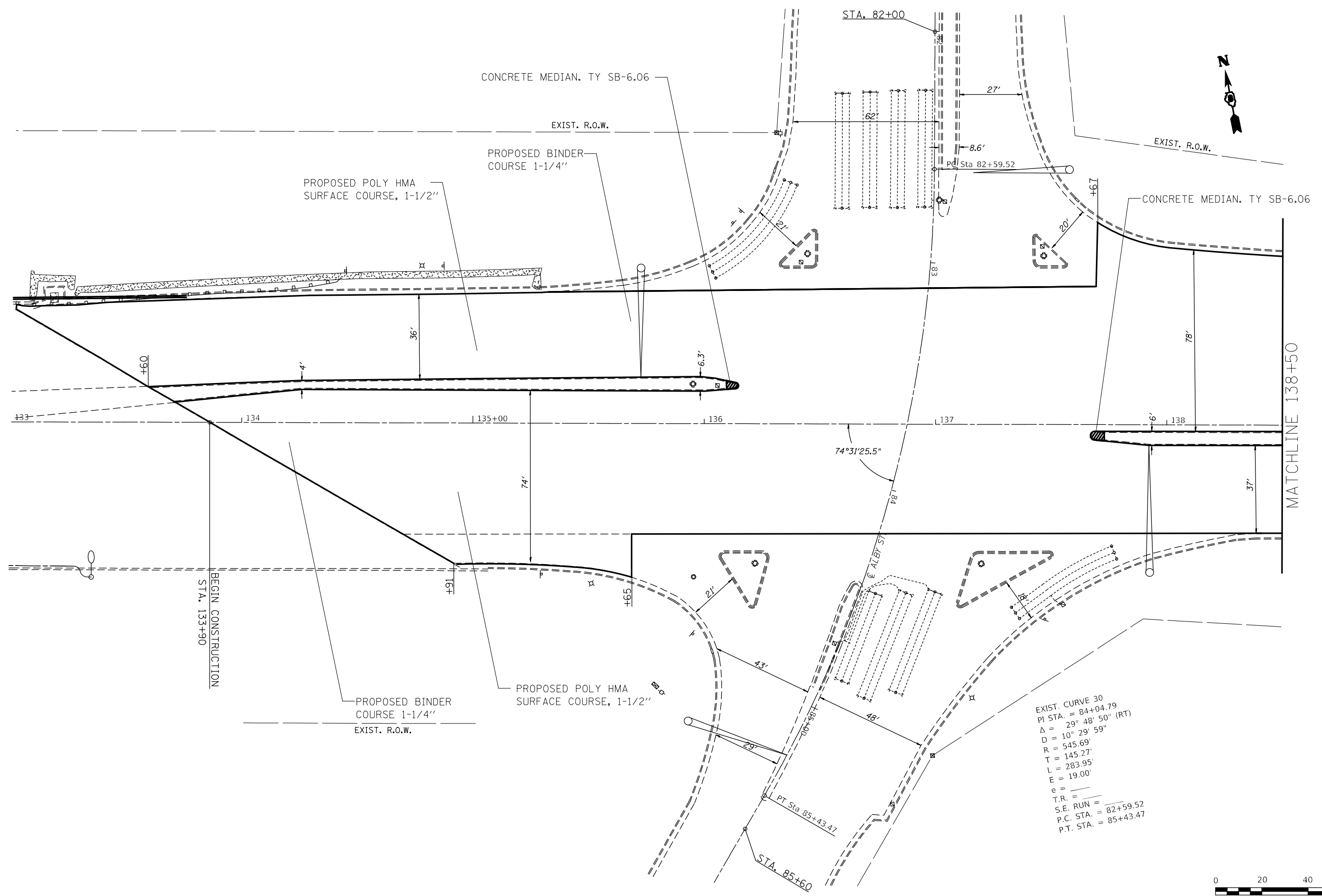
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
789	1RS-2	MADISON	89	22
CONTRACT NO. 76G57				
ILLINOIS FED. AID PROJECT				

PAINT PAVEMENT MARKING RAISED MEDIAN

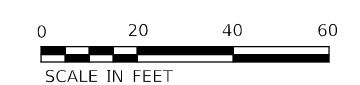
LOCATION	STATION	TO	STATION	AREA (SQ. FT)
IL RTE 111/3	136+10	TO	136+16	24
IL RTE 111/3	137+66	TO	137+72	24
IL RTE 111/3	143+79	TO	143+85	24
IL RTE 111/3	155+21	TO	155+27	24
IL RTE 111/3	156+50	TO	156+56	24
IL RTE 111/3	173+45	TO	173+51	24
IL RTE 111/3	174+98	TO	175+04	24
IL RTE 111/3	189+12	TO	189+18	24
IL RTE 111/3	190+43	TO	190+49	24
IL RTE 111/3	217+32	TO	217+38	24
IL RTE 111/3	218+47	TO	218+53	24
IL RTE 111/3	221+47	TO	221+53	24
IL RTE 111/3	222+35	TO	222+41	24
IL RTE 111/3	234+73	TO	234+79	24
IL RTE 111/3	235+76	TO	235+82	24
IL RTE 111/3	252+36	TO	252+42	24
IL RTE 111/3	253+34	TO	253+40	24
IL RTE 111/3	260+12	TO	260+18	24
IL RTE 111/3	261+10	TO	261+16	51
ALBY ST. NORTH	82+80	TO	82+86	24
ALBY ST. SOUTH	84+43	TO	84+49	24
HUMBERT RD.	310+84	TO	310+90	24
WASHINGTON AVE.	311+77	TO	311+83	24
ALBY ST ISLANDS (4)	82+79	TO	84+78	282
ALTON SQ ISLANDS (2)	201+00	TO	201+80	185
HUMBERT RD. ISLANDS (2)	310+70	TO	310+90	155
WASHINGTON AVE ISLANDS (2)	310+70	TO	310+90	187
TOTAL				1388

FILE NAME =	USER NAME = alfordb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw2\planroom\dot\illinois.gov\PIWIDOT\Documents\DOT Offices\District 8\Projects\D876G57\CADD\DATA\CADS\DRAWN\57-shr-plan.dgn		CHECKED -	REVISED -			789	IRS-2	MADISON	89	23	
Default	PLOT SCALE = 100,0000' / in.	DATE -	REVISED -			CONTRACT NO. 76G57					
	PLOT DATE = 3/9/2021					SCALE:	SHEET	OF	SHEETS	STA.	TO

ILLINOIS FED. AID PROJECT



EXIST. CURVE 30
 PI STA. = 84+04.79
 $\Delta = 29^\circ 48' 50''$ (RT)
 $D = 10^\circ 29' 59''$
 $R = 545.69'$
 $T = 145.27'$
 $L = 283.95'$
 $E = 19.00'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 82+59.52$
 $P.T. STA. = 85+43.47$



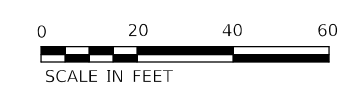
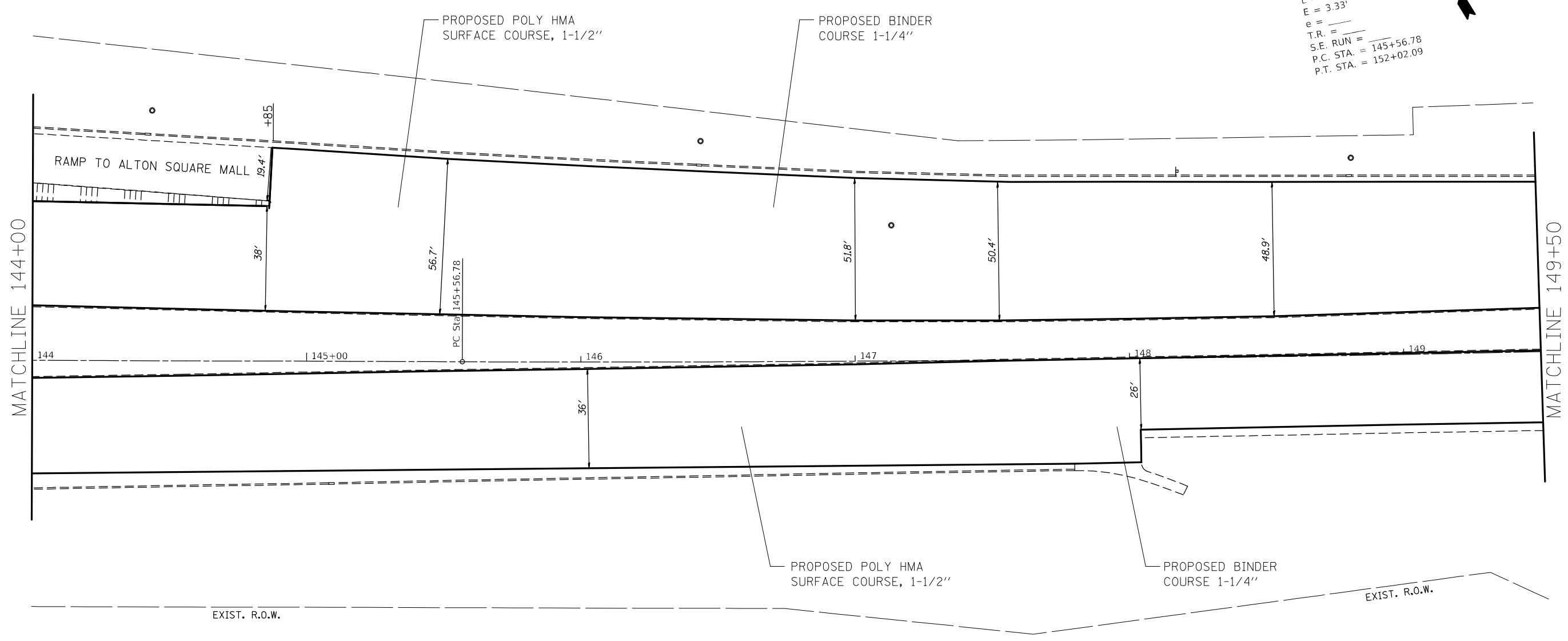
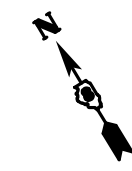
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Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/9/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

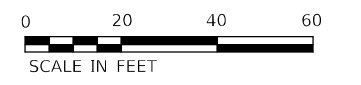
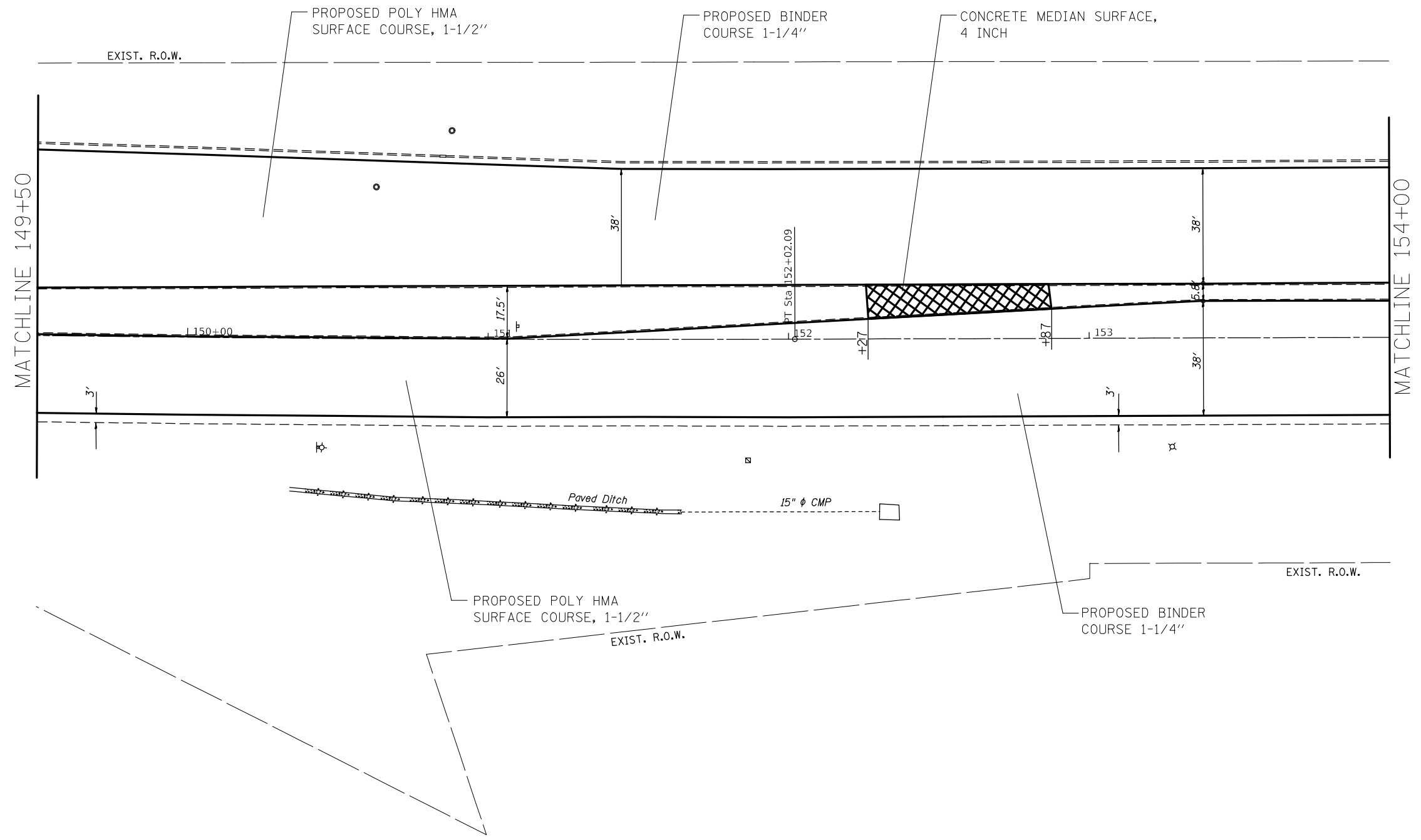
PLAN SHEETS			
SCALE: 20	SHEET 1	OF 27 SHEETS	STA. 133+90 TO STA. 138+50

F.A.P. RTE. 789	SECTION IRS-2	COUNTY MADISON	TOTAL SHEETS 89	SHEET NO. 24
CONTRACT NO. 76657				
ILLINOIS FED. AID PROJECT				

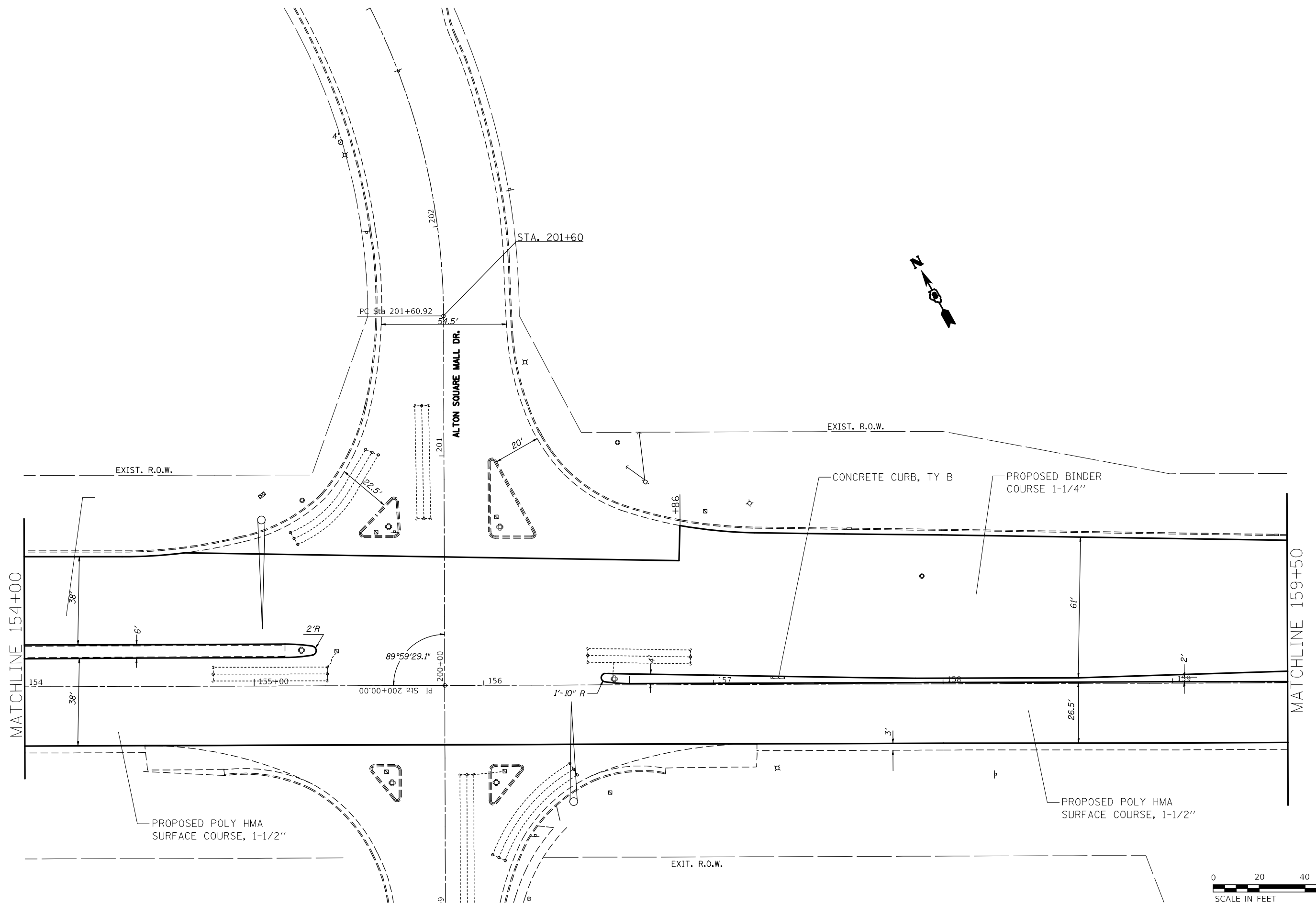
EXIST. CURVE 2
 PI STA. = 148+79.48
 $\Delta = 2^\circ 21' 58''$ (LT)
 $D = 0^\circ 22' 00''$
 $R = 15,625.96'$
 $T = 322.70'$
 $L = 645.30'$
 $E = 3.33'$
 $e = \text{---}$
 $T.R. = \text{---}$
 $S.E. \text{ RUN} = \text{---}$
 $P.C. \text{ STA.} = 145+56.78$
 $P.T. \text{ STA.} = 152+02.09$



FILE NAME =	USER NAME = alfordb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEETS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 8\Projects\D876657\Drawings\CADsheets\d876657-sht-plan.dgn		CHECKED -	REVISED -		789	IRS-2	MADISON	89	26			
Default	PLOT SCALE = 40.0000' / in.	DATE -	REVISED -		SCALE: 20 SHEET 3 OF 27 SHEETS STA. 144+00 TO STA. 149+50			CONTRACT NO. 76657				
	PLOT DATE = 3/9/2021				ILLINOIS FED. AID PROJECT							



FILE NAME =	USER NAME = alfordb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEETS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 8\Projects\D876657\Drawings\CADsheets\d876657-sht-plan.dgn		CHECKED -	REVISED -		789	IRS-2	MADISON	89	27			
Default	PLOT SCALE = 40.0000' / in.	DATE -	REVISED -		SCALE: 20 SHEET 4 OF 27 SHEETS STA. 149+50 TO STA. 154+00			CONTRACT NO. 76657				
	PLOT DATE = 3/9/2021				ILLINOIS FED. AID PROJECT							

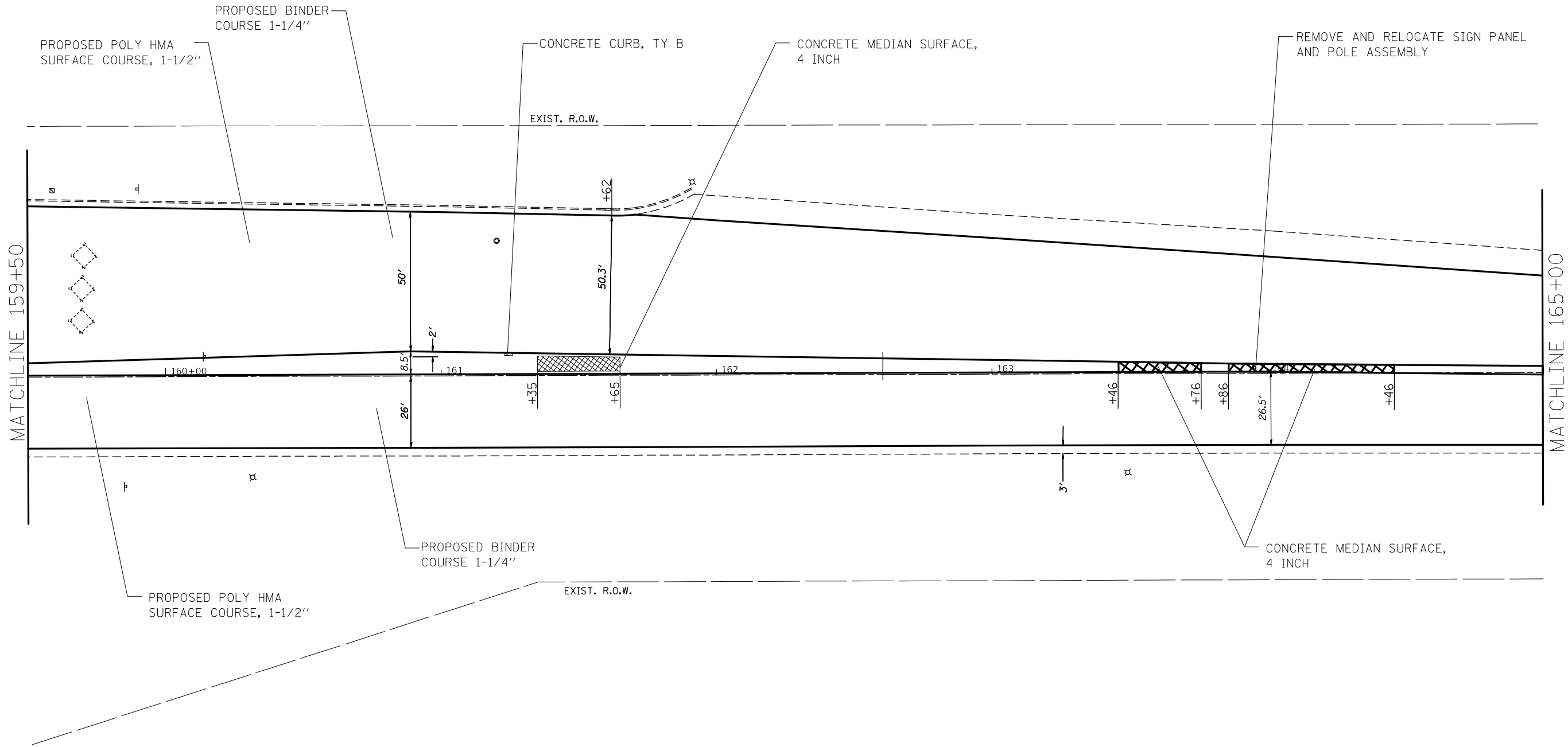


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Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/9/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS			
SCALE: 20	SHEET 5	OF 27 SHEETS	STA. 154+00 TO STA. 159+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
789	IRS-2	MADISON	89	28
CONTRACT NO. 76G57				
ILLINOIS FED. AID PROJECT				



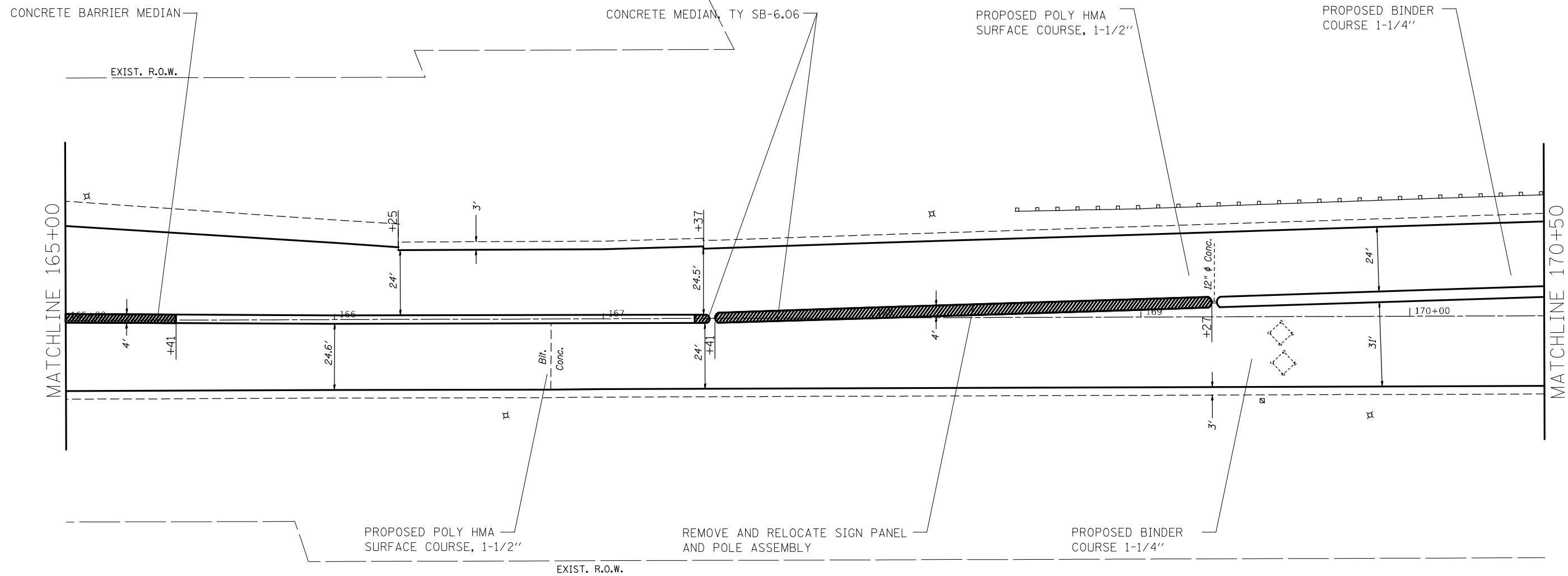
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Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/9/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS

SCALE: 20 SHEET 6 OF 27 SHEETS STA. 159+50 TO STA. 165+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
789	IRS-2	MADISON	89	29
CONTRACT NO. 76G57				
ILLINOIS FED. AID PROJECT				



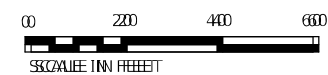
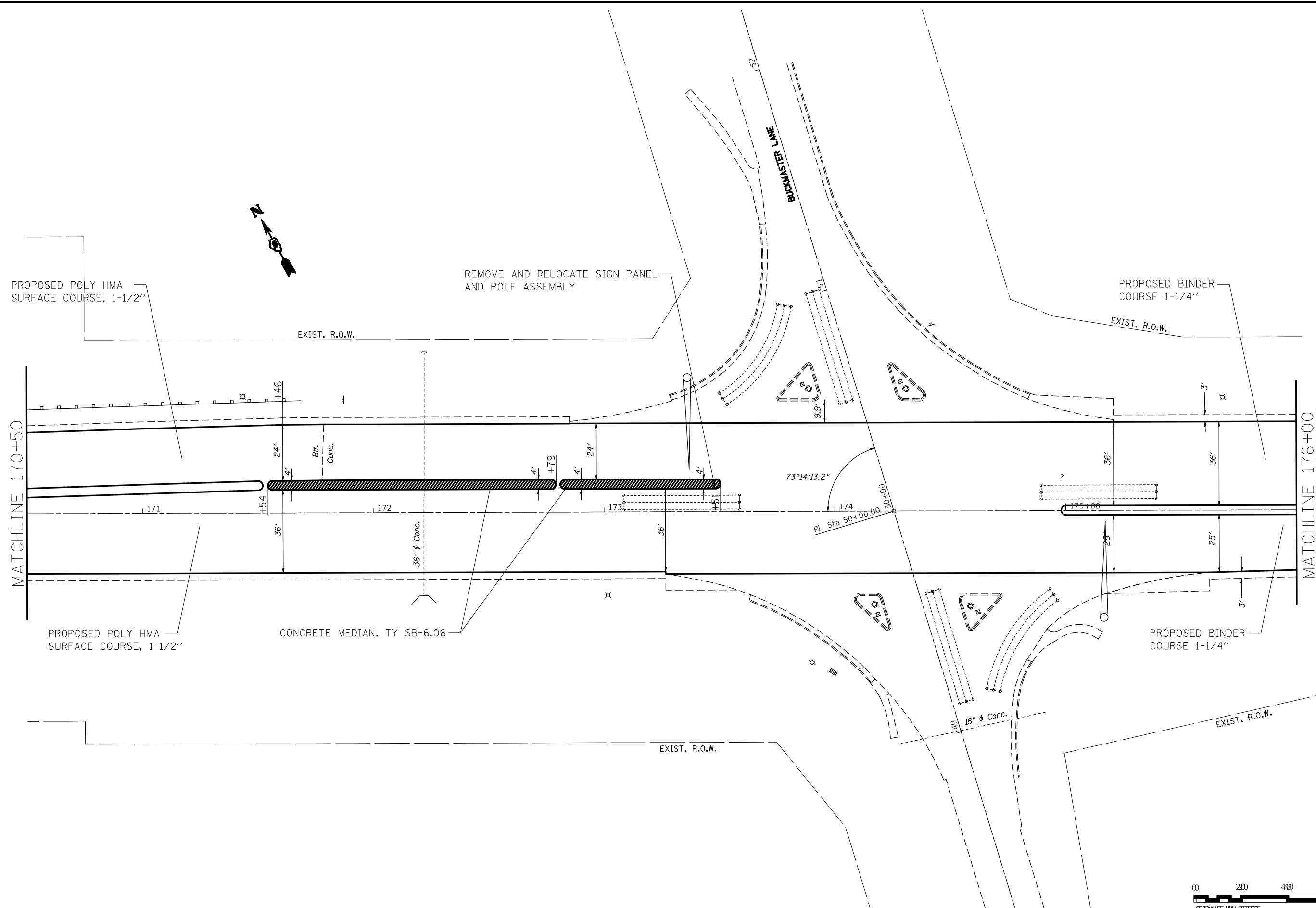
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Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/9/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS

SCALE: 20 SHEET 7 OF 27 SHEETS STA. 165+00 TO STA. 170+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
789	IRS-2	MADISON	89	30
CONTRACT NO. 76G57				
ILLINOIS FED. AID PROJECT				

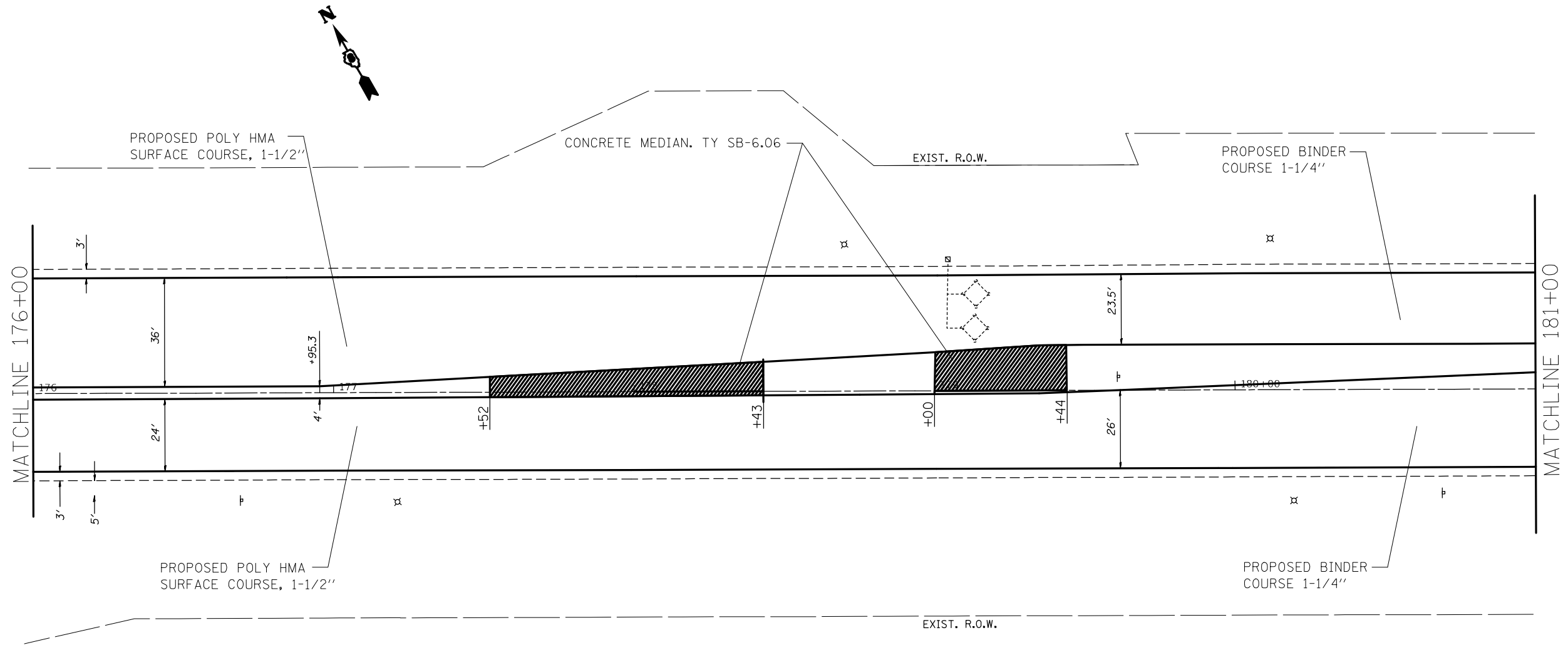


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Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/9/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS			
SCALE: 20	SHEET 8	OF 27 SHEETS	STA. 170+50 TO STA. 176+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
789	IRS-2	MADISON	89	31
CONTRACT NO. 76657				
ILLINOIS FED. AID PROJECT				



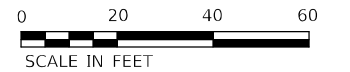
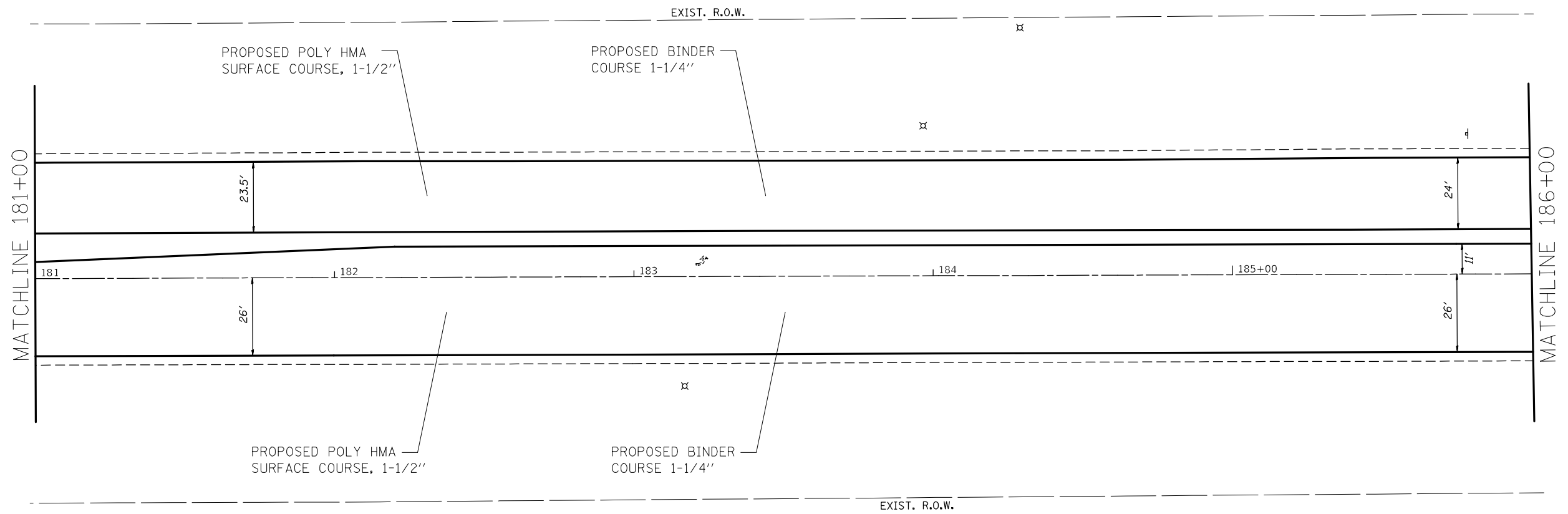
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Default	PLOT SCALE = 40.0000' / in.	DATE -	REVISED -
	PLOT DATE = 3/9/2021		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS

SCALE: 20 SHEET 9 OF 27 SHEETS STA. 176+00 TO STA. 181+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
789	IRS-2	MADISON	89	32
CONTRACT NO. 76G57				
ILLINOIS FED. AID PROJECT				



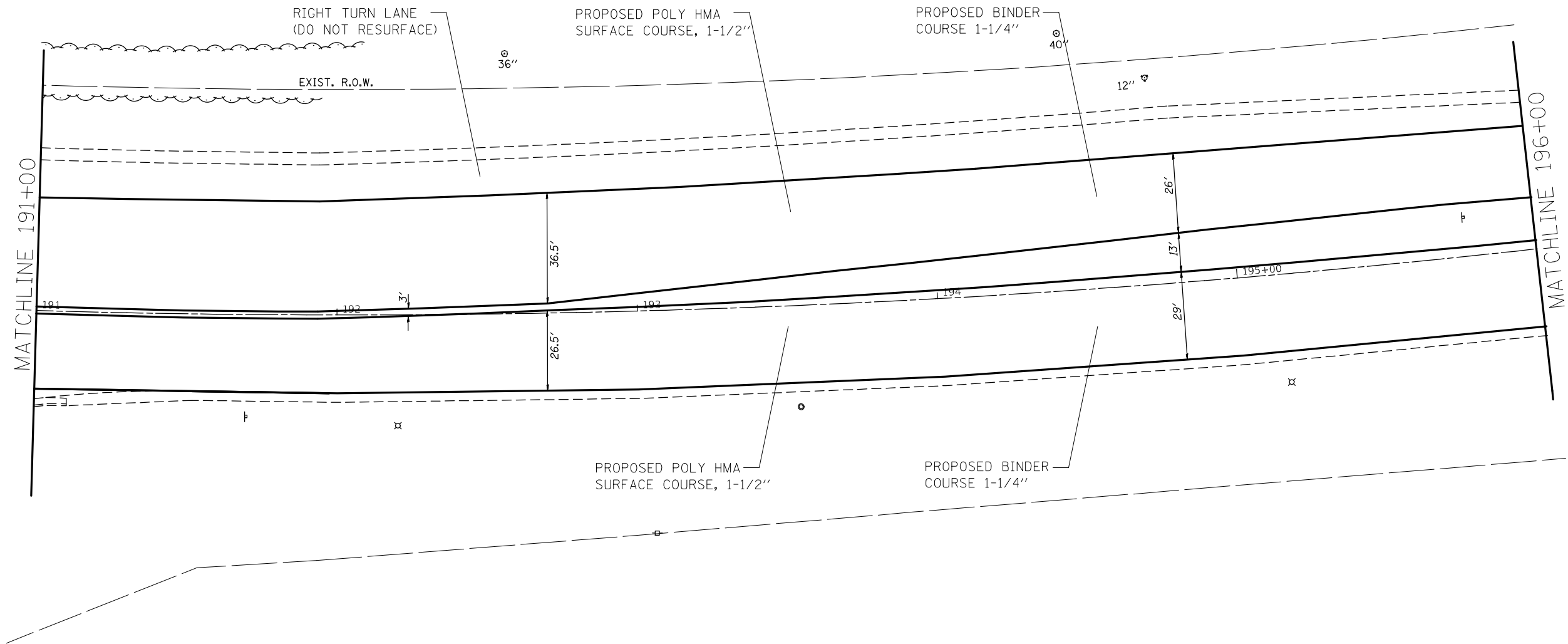
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Default	PLOT SCALE = 40.0000' / in.	DATE -	REVISED -
	PLOT DATE = 3/9/2021		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

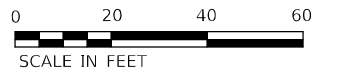
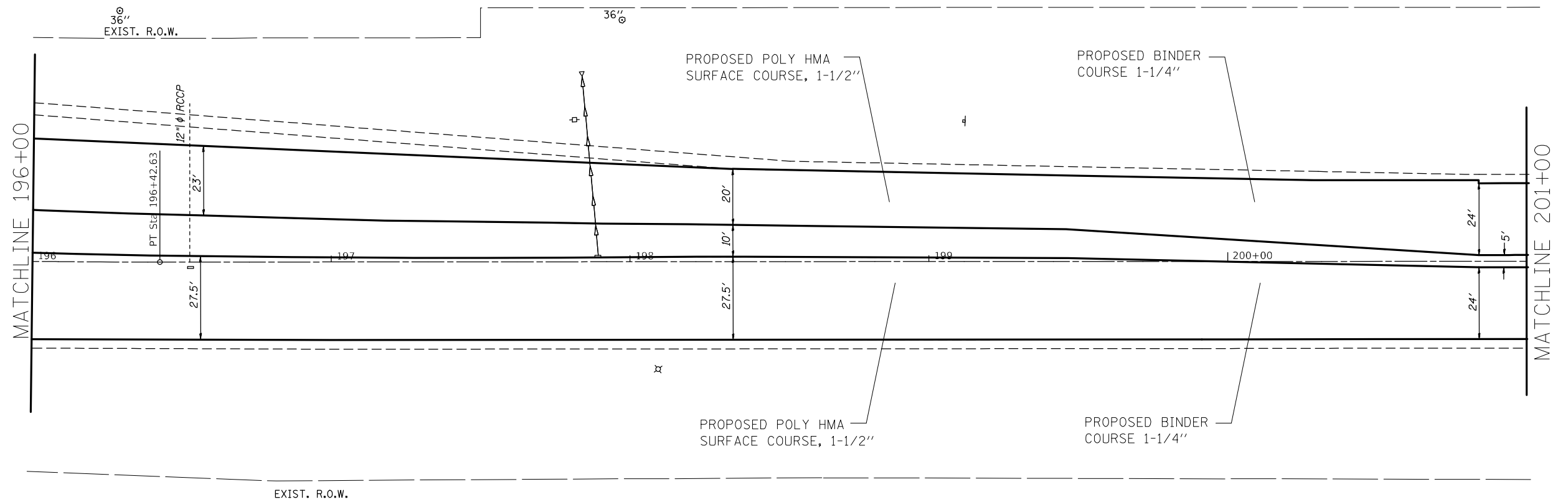
PLAN SHEETS			
SCALE: 20	SHEET 10	OF 27 SHEETS	STA. 181+00 TO STA. 186+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
789	IRS-2	MADISON	89	33
CONTRACT NO. 76G57				
ILLINOIS FED. AID PROJECT				

EXIST. CURVE 3
 PI STA. = 191+50.35
 $\Delta = 15^\circ 51' 18''$ (LT)
 $D = 1^\circ 36' 00''$
 $R = 3,581.00'$
 $T = 498.66'$
 $L = 990.94'$
 $E = 34.55'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 186+51.69$
 $P.T. STA. = 196+42.63$



FILE NAME =	USER NAME = alfordb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEETS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
pw\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 8\Projects\D876657\DRAWINGS\CADsheets\d876g57-sht-plan.dgn		REVISIONS	REVISIONS		789	IRS-2	MADISON	89	35					
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		SCALE: 20			SHEET 12 OF 27 SHEETS			STA. 191+00 TO STA. 196+00		CONTRACT NO. 76G57	
	PLOT DATE = 3/9/2021	DATE -	REVISED -		ILLINOIS FED. AID PROJECT									



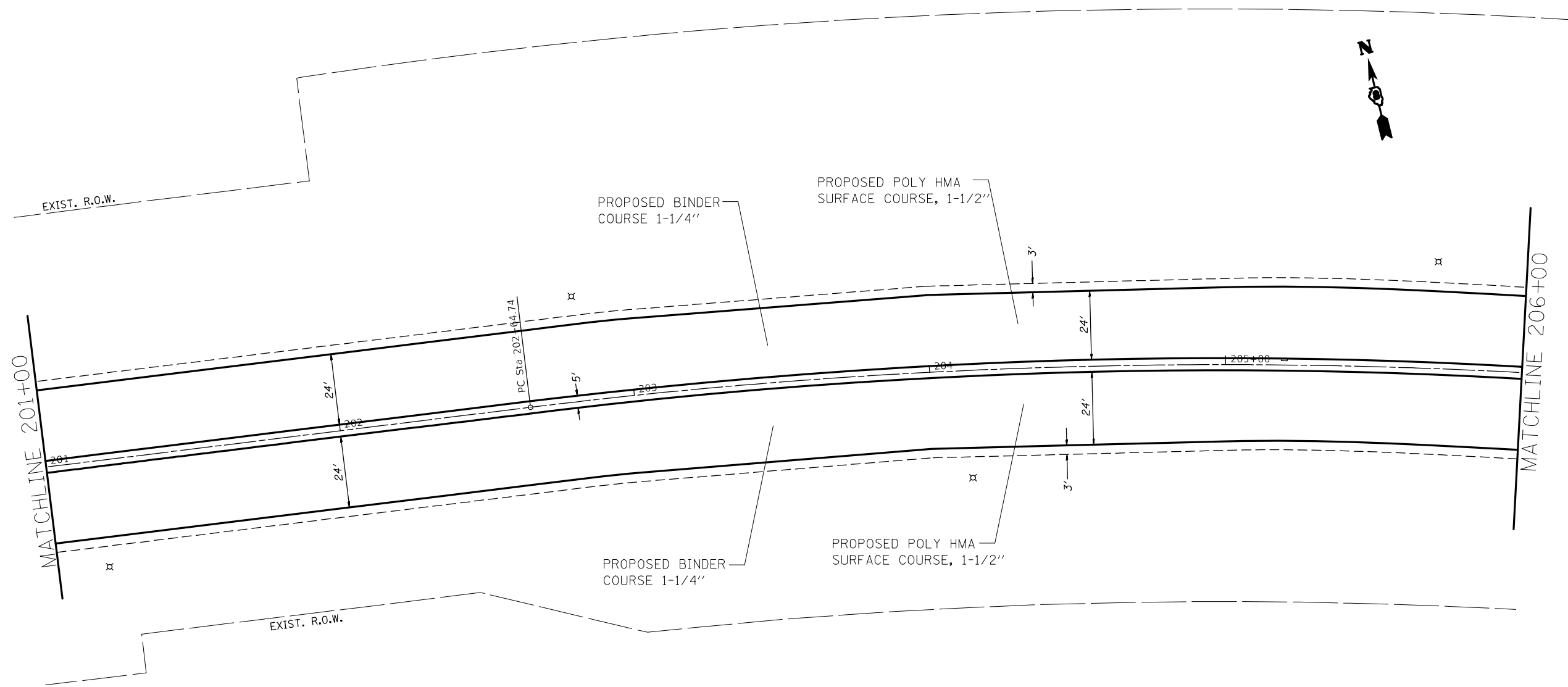
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Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/9/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS

SCALE: 20 SHEET 13 OF 27 SHEETS STA. 196+00 TO STA. 201+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
789	IRS-2	MADISON	89	36
CONTRACT NO. 76G57				
ILLINOIS FED. AID PROJECT				



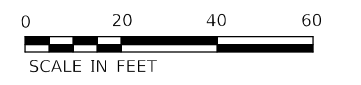
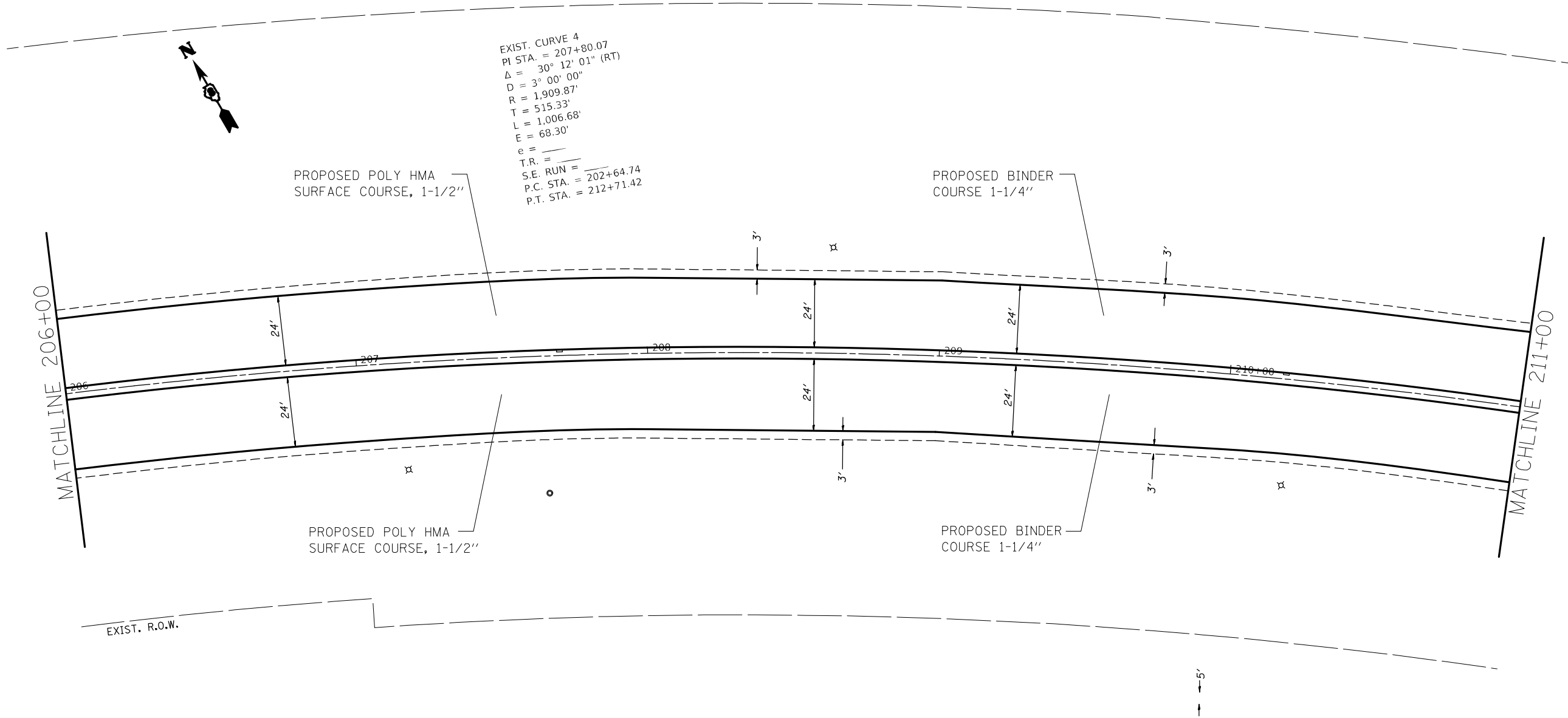
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	PLOT DATE = 3/9/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

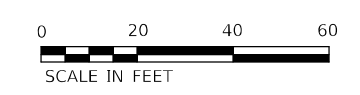
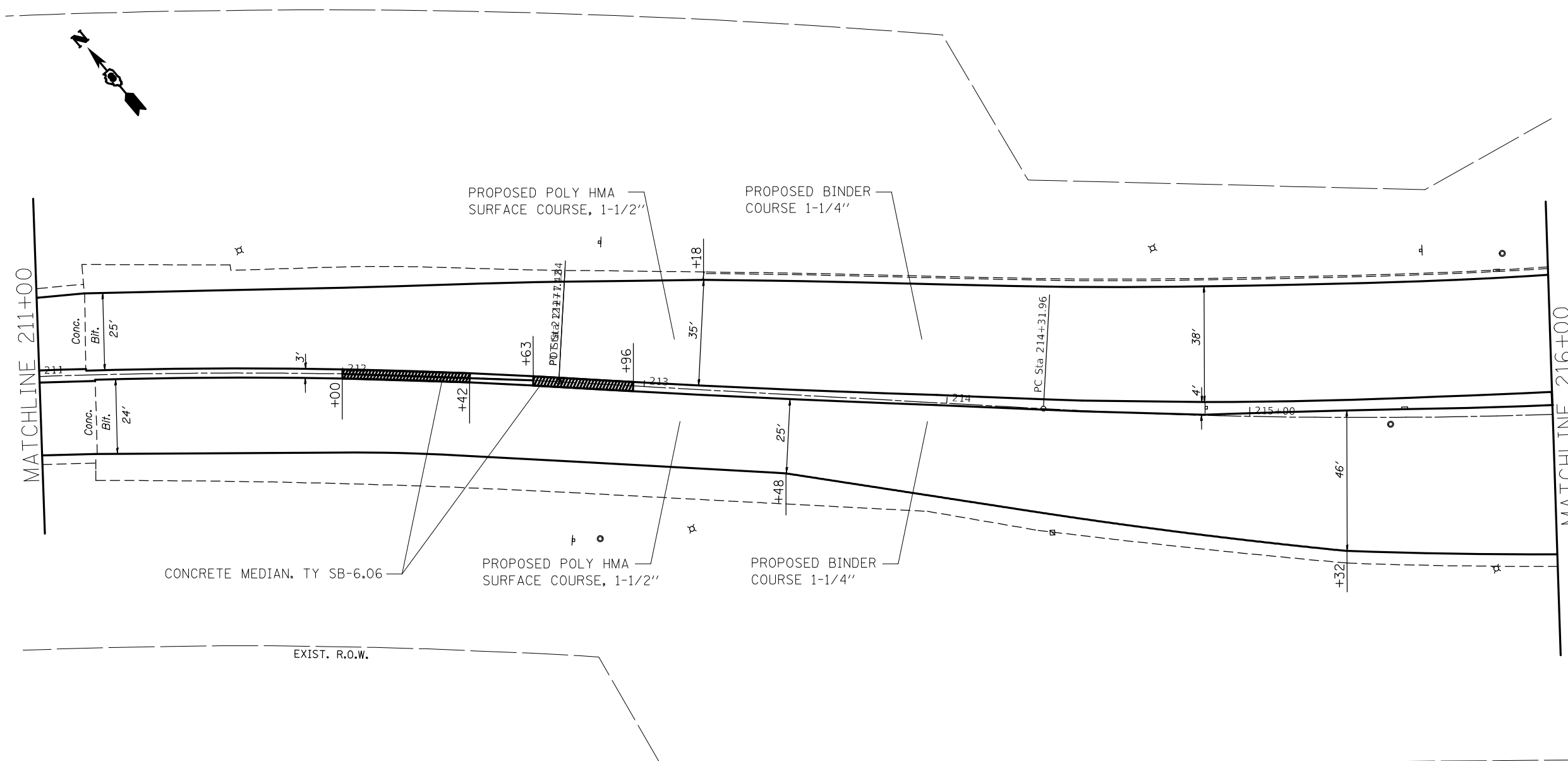
PLAN SHEETS

SCALE: 20 SHEET 14 OF 27 SHEETS STA. 201+00 TO STA. 206+00

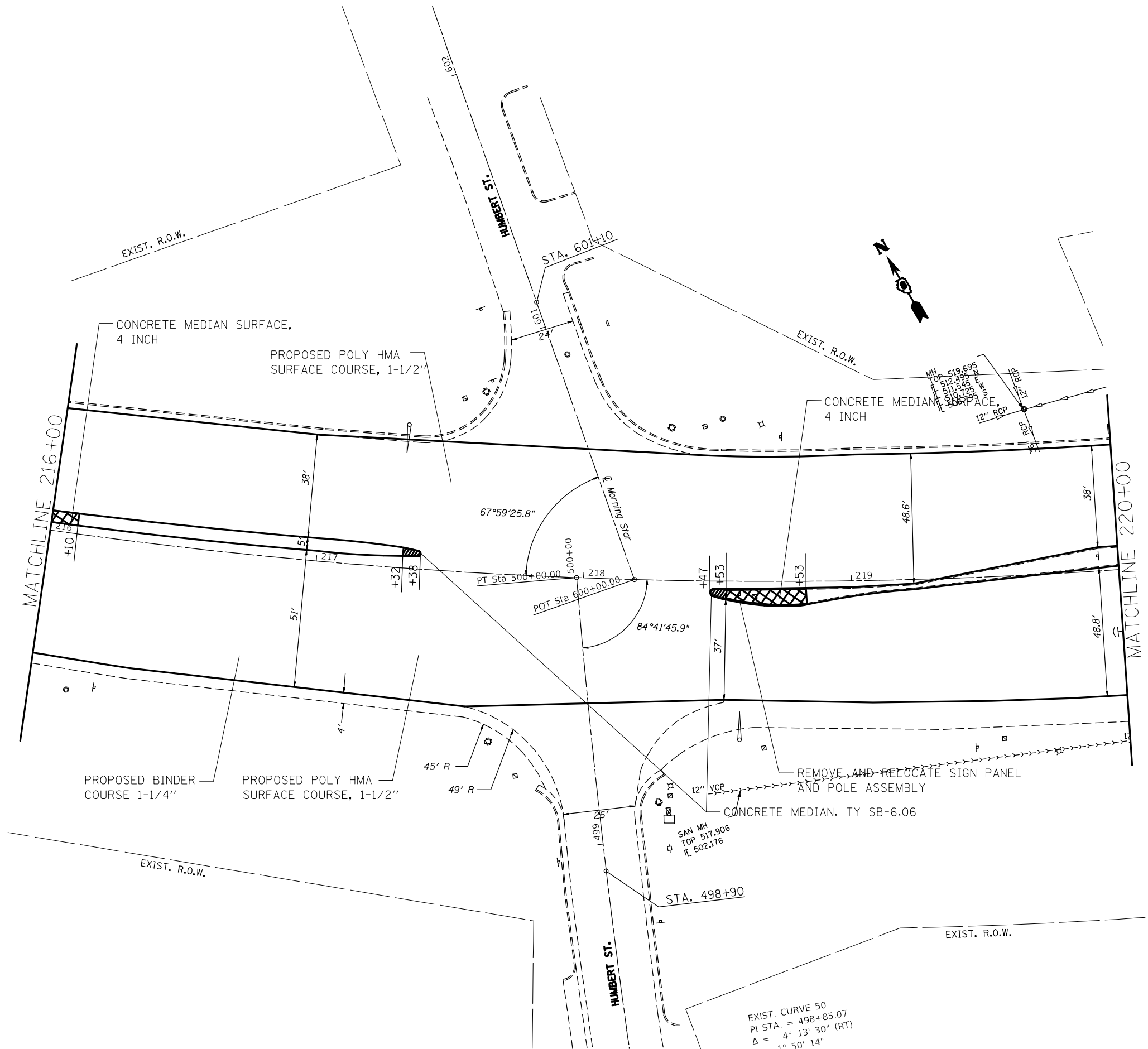
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
789	IRS-2	MADISON	89	37
				CONTRACT NO. 76657
ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = alfordb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEETS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default	PLLOT DATE = 3/9/2021	DATE -	REVISED -		SCALE: 20 SHEET 15 OF 27 SHEETS STA. 206+00 TO STA. 211+00			CONTRACT NO. 76G57				
					ILLINOIS FED. AID PROJECT							



FILE NAME =	USER NAME = alfordb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEETS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 8\Projects\D87657\Drawings\CADsheets\d876g57-sht-plan.dgn		REVISIONS	REVISED -		SCALE: 20	SHEET 16	OF 27 SHEETS	STA. 211+00	TO STA. 216+00	789	IRS-2	89	39
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 76G57								
	PLOT DATE = 3/9/2021	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

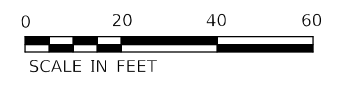


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Default	PLOT DATE = 3/9/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS			
SCALE: 20	SHEET 17	OF 27 SHEETS	STA. 216+00 TO STA. 220+00

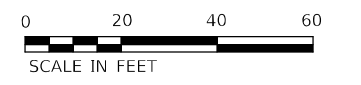
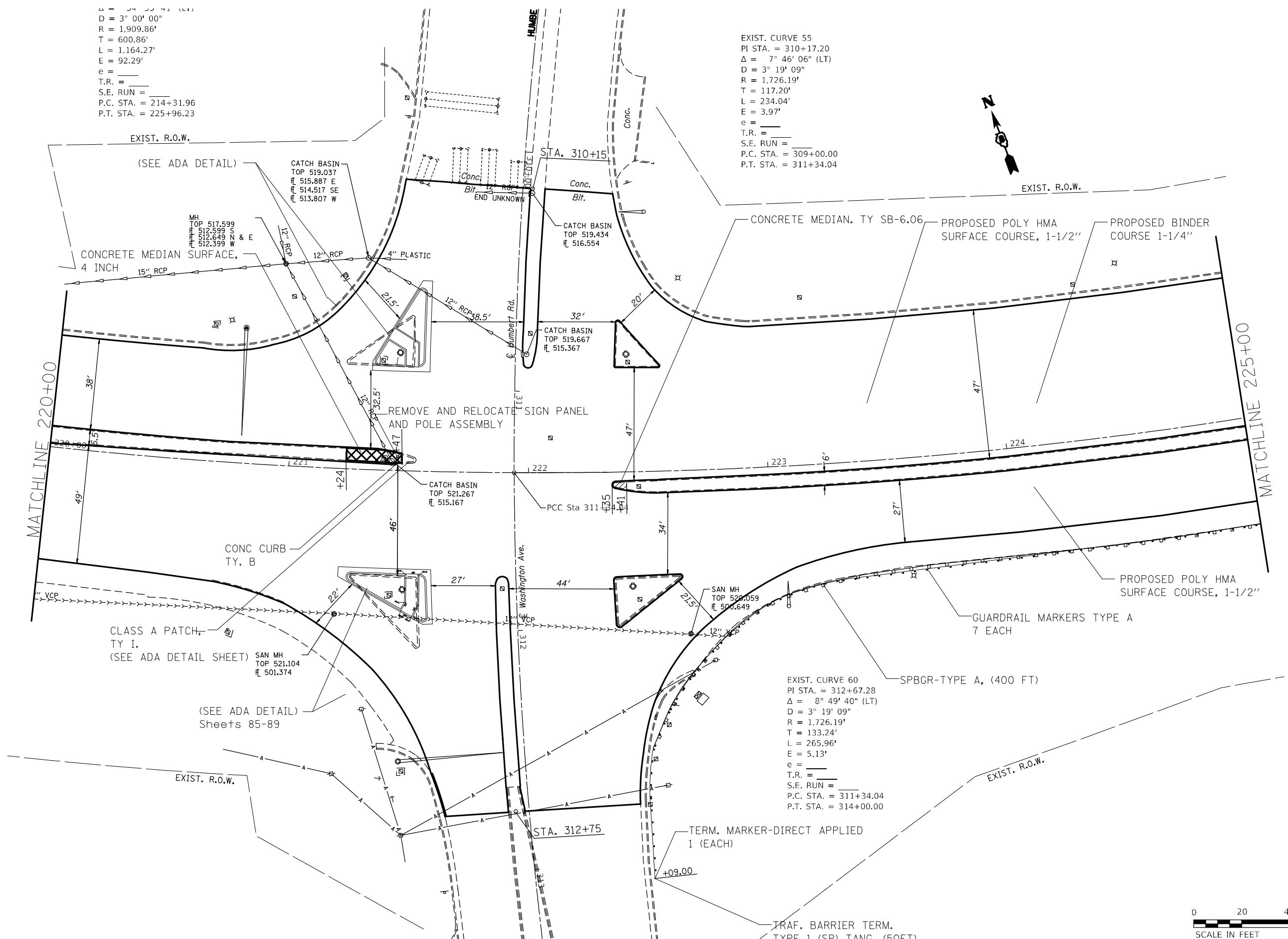
F.A.P. RTE. 789	SECTION IRS-2	COUNTY MADISON	TOTAL SHEETS 89	SHEET NO. 40
CONTRACT NO. 76G57				
ILLINOIS FED. AID PROJECT				



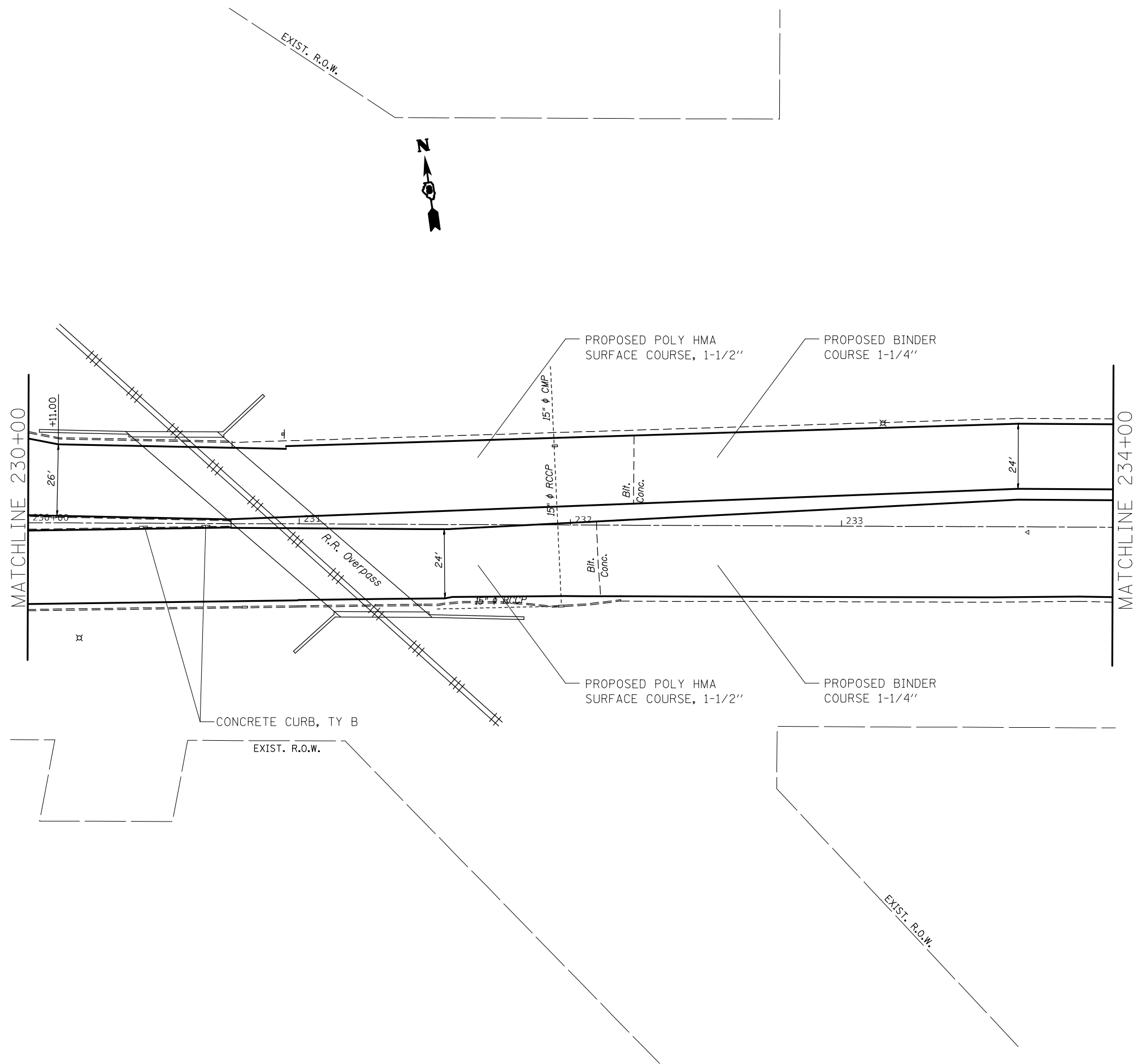
$\Delta = 3^\circ 00' 00''$
 $D = 3^\circ 00' 00''$
 $R = 1,909.86'$
 $T = 600.86'$
 $L = 1,164.27'$
 $E = 92.29'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 214+31.96$
 $P.T. STA. = 225+96.23$

EXIST. CURVE 55
 $PI STA. = 310+17.20$
 $\Delta = 7^\circ 46' 06'' (LT)$
 $D = 3^\circ 19' 09''$
 $R = 1,726.19'$
 $T = 117.20'$
 $L = 234.04'$
 $E = 3.97'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 309+00.00$
 $P.T. STA. = 311+34.04$

EXIST. CURVE 60
 $PI STA. = 312+67.28$
 $\Delta = 8^\circ 49' 40'' (LT)$
 $D = 3^\circ 19' 09''$
 $R = 1,726.19'$
 $T = 133.24'$
 $L = 265.96'$
 $E = 5.13'$
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 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 311+34.04$
 $P.T. STA. = 314+00.00$

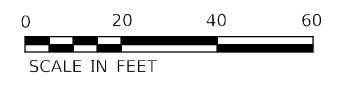
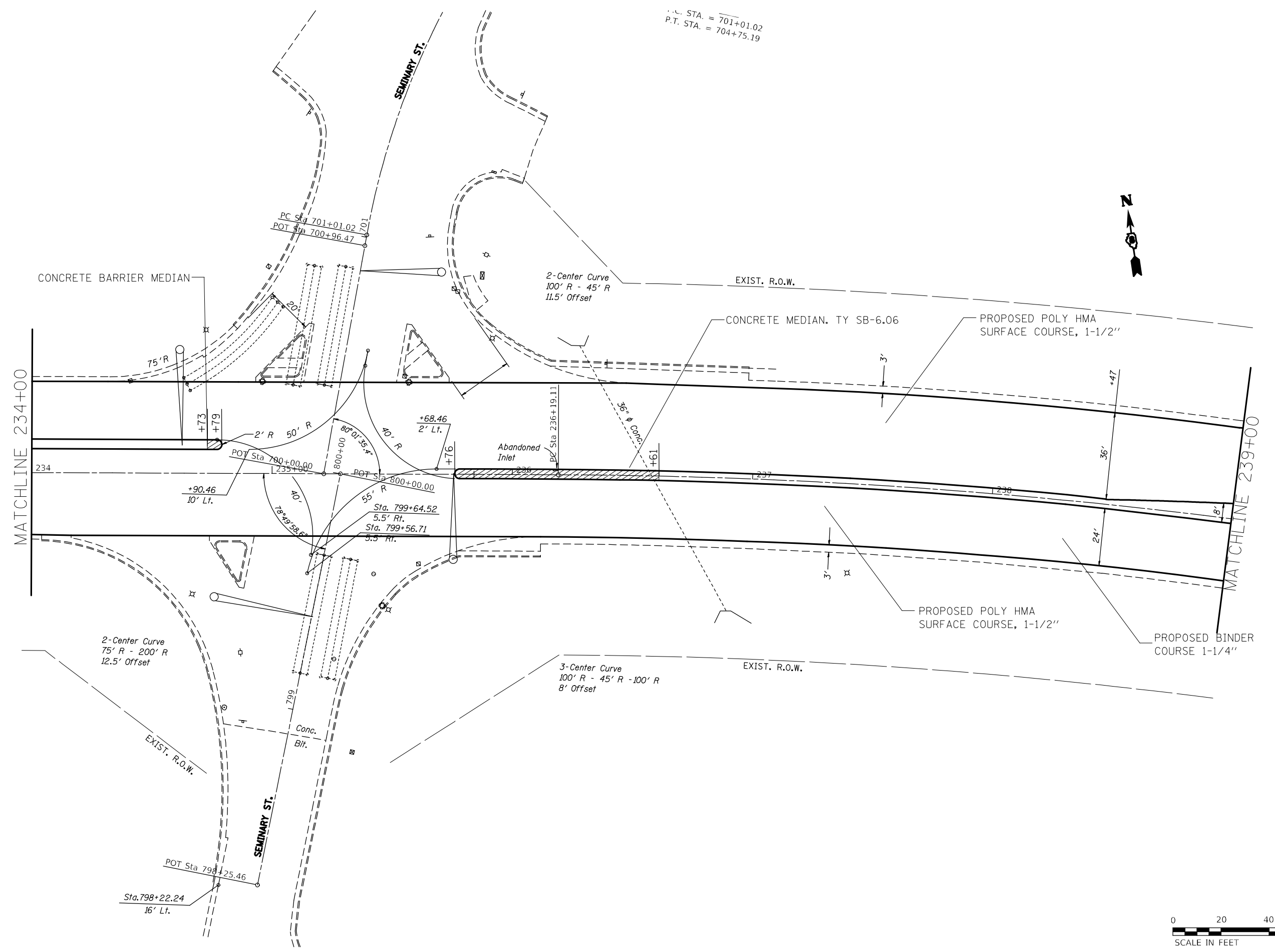


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Default		DATE -	REVISED -		STA. 220+00	TO STA. 225+00		CONTRACT NO. 76G57				
					ILLINOIS FED. AID PROJECT							



FILE NAME =	USER NAME = alfordb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEETS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 8\Projects\D876657\Drawings\CADsheets\d876g57-sht-plan.dgn		CHECKED -	REVISED -		789	IRS-2	MADISON	89	43				
Default	PLOT SCALE = 40.0000' / in.	DATE -	REVISED -		SCALE: 20 SHEET 20 OF 27 SHEETS STA. 230+00 TO STA. 234+00				CONTRACT NO. 76G57				
	PLOT DATE = 3/9/2021								ILLINOIS FED. AID PROJECT				

I.C. STA. = 701+01.02
P.T. STA. = 704+75.19

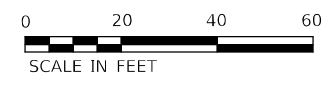
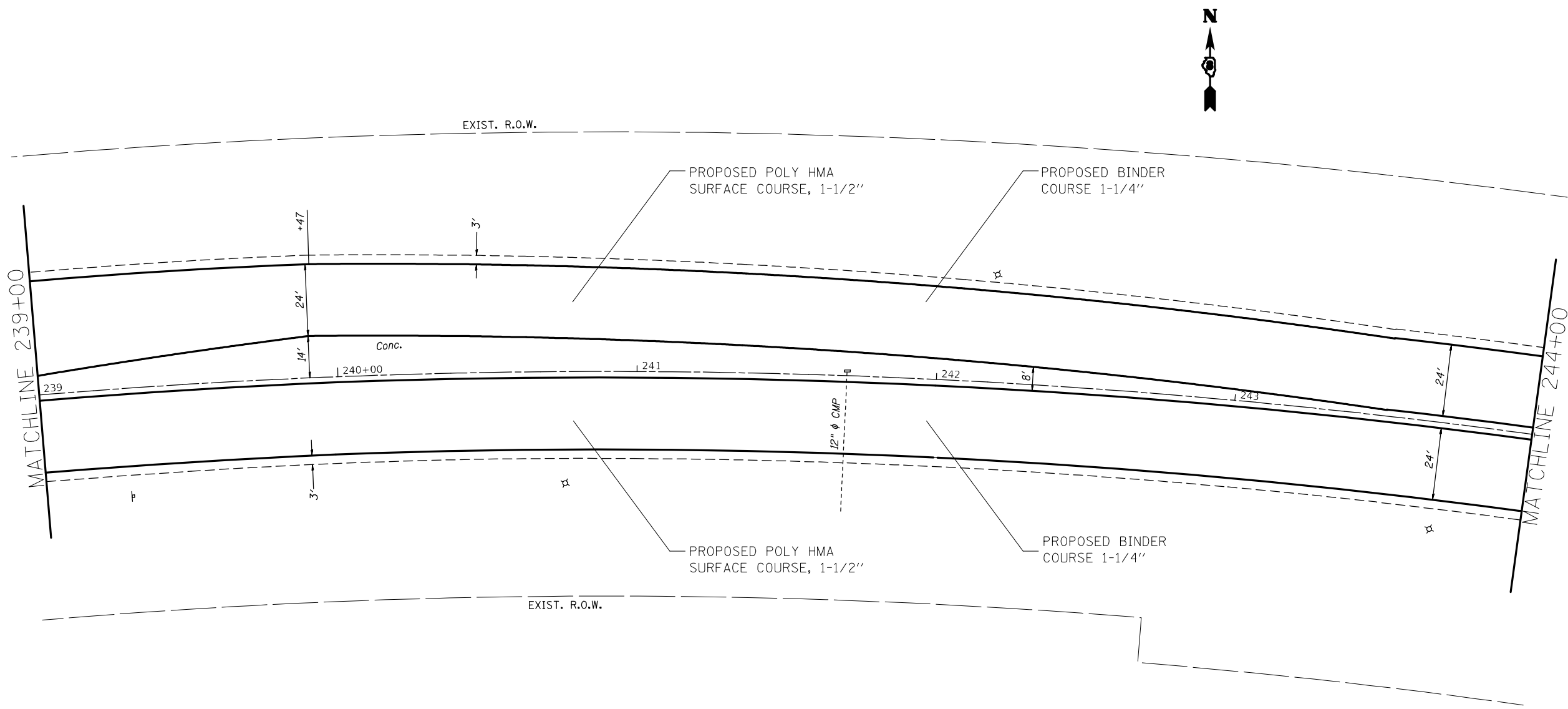


FILE NAME =	USER NAME = alfordb	DESIGNED -	REVISED -
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Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/9/2021	DATE -	REVISED -

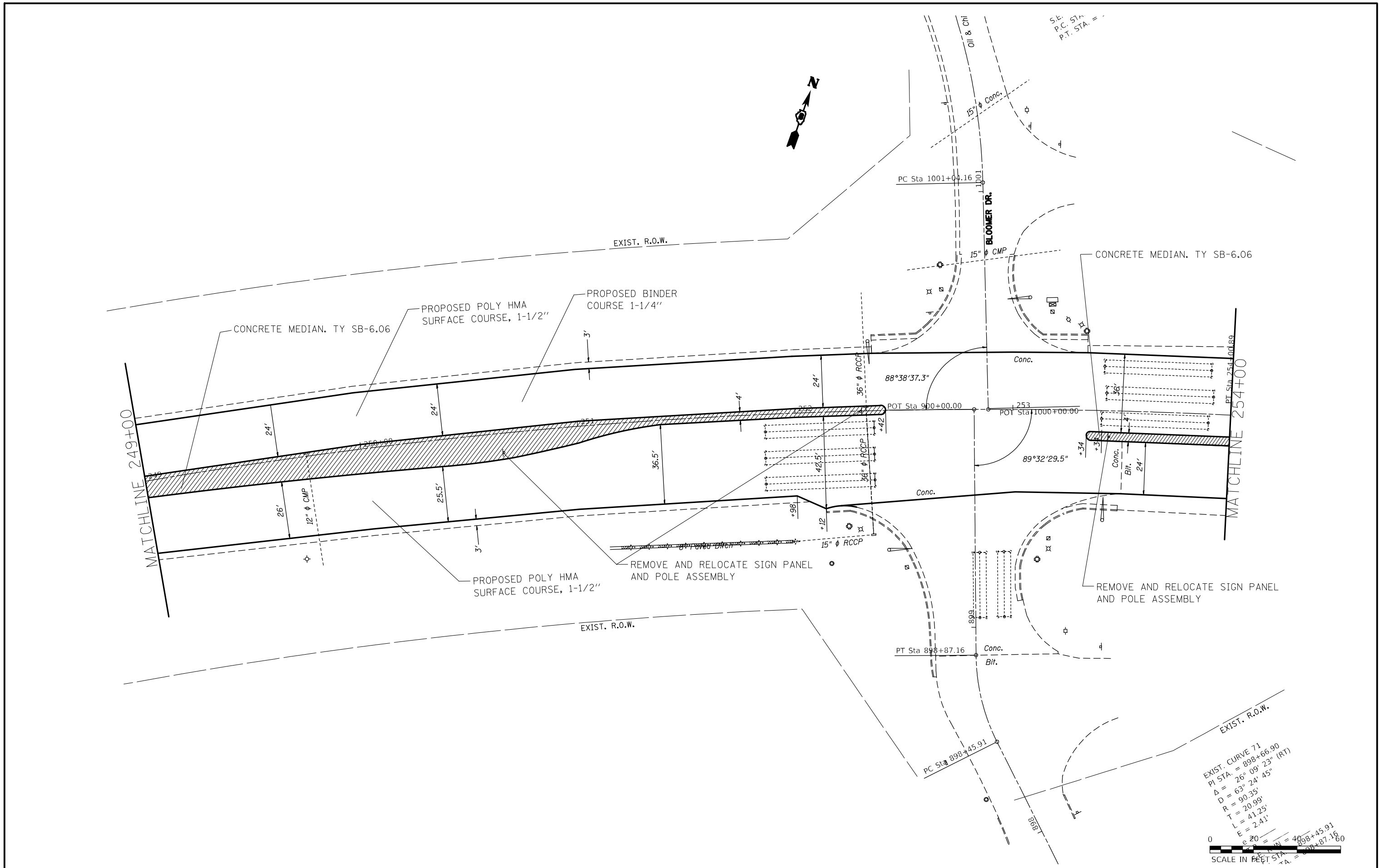
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS			
SCALE: 20	SHEET 21	OF 27 SHEETS	STA. 234+00 TO STA. 239+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
789	IRS-2	MADISON	89	44
CONTRACT NO. 76G57				
ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = alfordb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEETS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 8\Projects\D876657\Drawings\CADsheets\d876657-sht-plan.dgn		CHECKED -	REVISED -		789	IRS-2	MADISON	89	45			
Default	PLOT SCALE = 40.0000' / in.	DATE -	REVISED -		SCALE: 20 SHEET 22 OF 27 SHEETS STA. 239+00 TO STA. 244+00			CONTRACT NO. 76657				
	PLOT DATE = 3/9/2021				ILLINOIS FED. AID PROJECT							



FILE NAME =	USER NAME = alfordb	DESIGNED -	REVISED -
p:\plnroom.dot\illinois.gov\PIDOT\Documents\DOT Offices\District 8\Projects\D876657\CAD\CADsheets\d876657-sh1-pln.dwg		DRAWN -	REVISED -
Default	PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/9/2021	DATE -	REVISED -

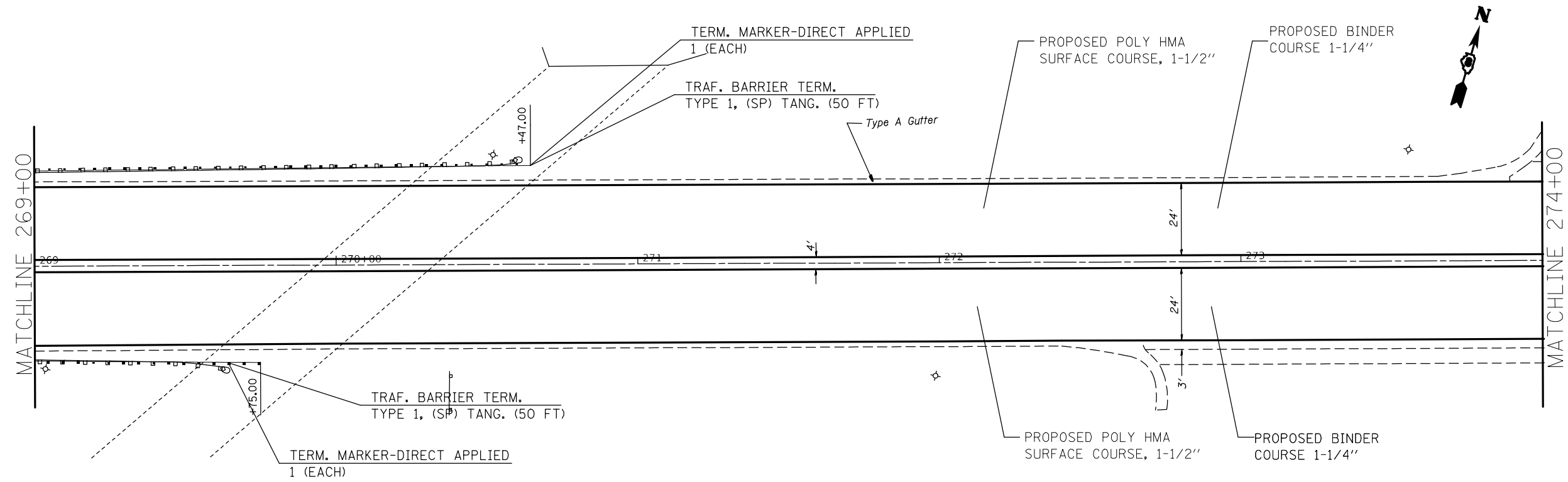
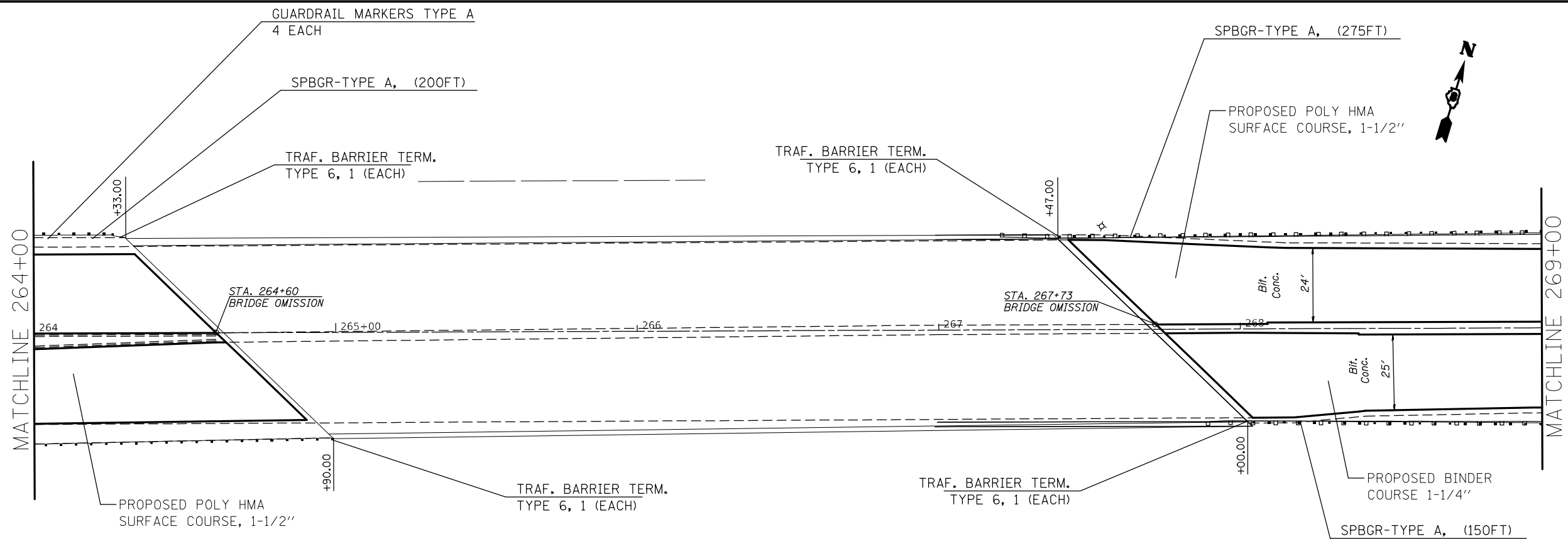
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS

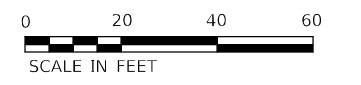
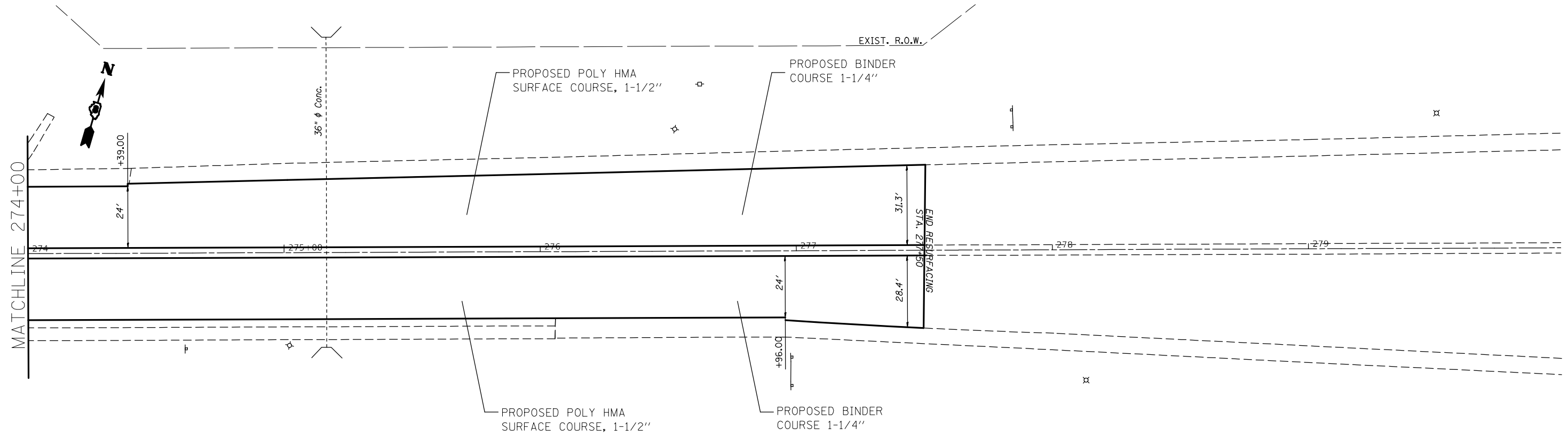
SCALE: 20' SHEET 24 OF 27 SHEETS STA. 249+00 TO STA. 254+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
789	1RS-2	MADISON	89	47
CONTRACT NO. 76657				
<small>ILLINOIS FED. AID PROJECT</small>				

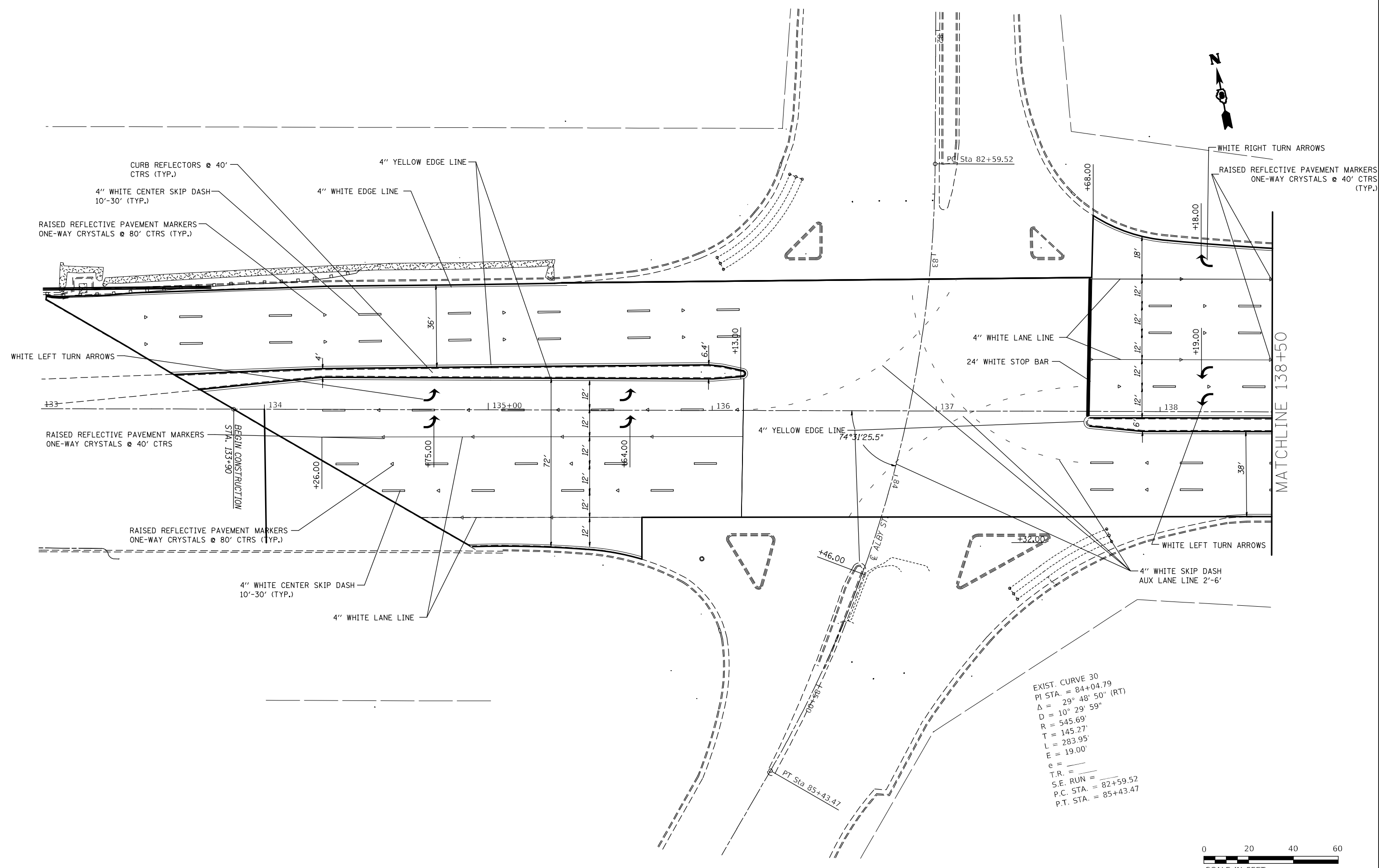
EXIST. CURVE 71
PI STA. = 898+66.90
A = 26° 09' 23" (RT)
D = 63° 24' 45"
R = 90.35'
T = 20.99'
L = 41.25'
E = 2.41'
e 20' = 4098+45.91
= 898+87.16



FILE NAME =	USER NAME = alfordb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEETS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 8\Projects\D87657\DRAWINGS\CADsheets\d876g57-sht-plan.dgn		REVISOR -	REVISOR -		SCALE: 20	SHEET 26	OF 27 SHEETS	789	IRS-2	MADISON	89	49
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISOR -		STA. 264+00	TO STA. 274+00		CONTRACT NO. 76G57				
	PLOT DATE = 3/9/2021	DATE -	REVISOR -		ILLINOIS FED. AID PROJECT							



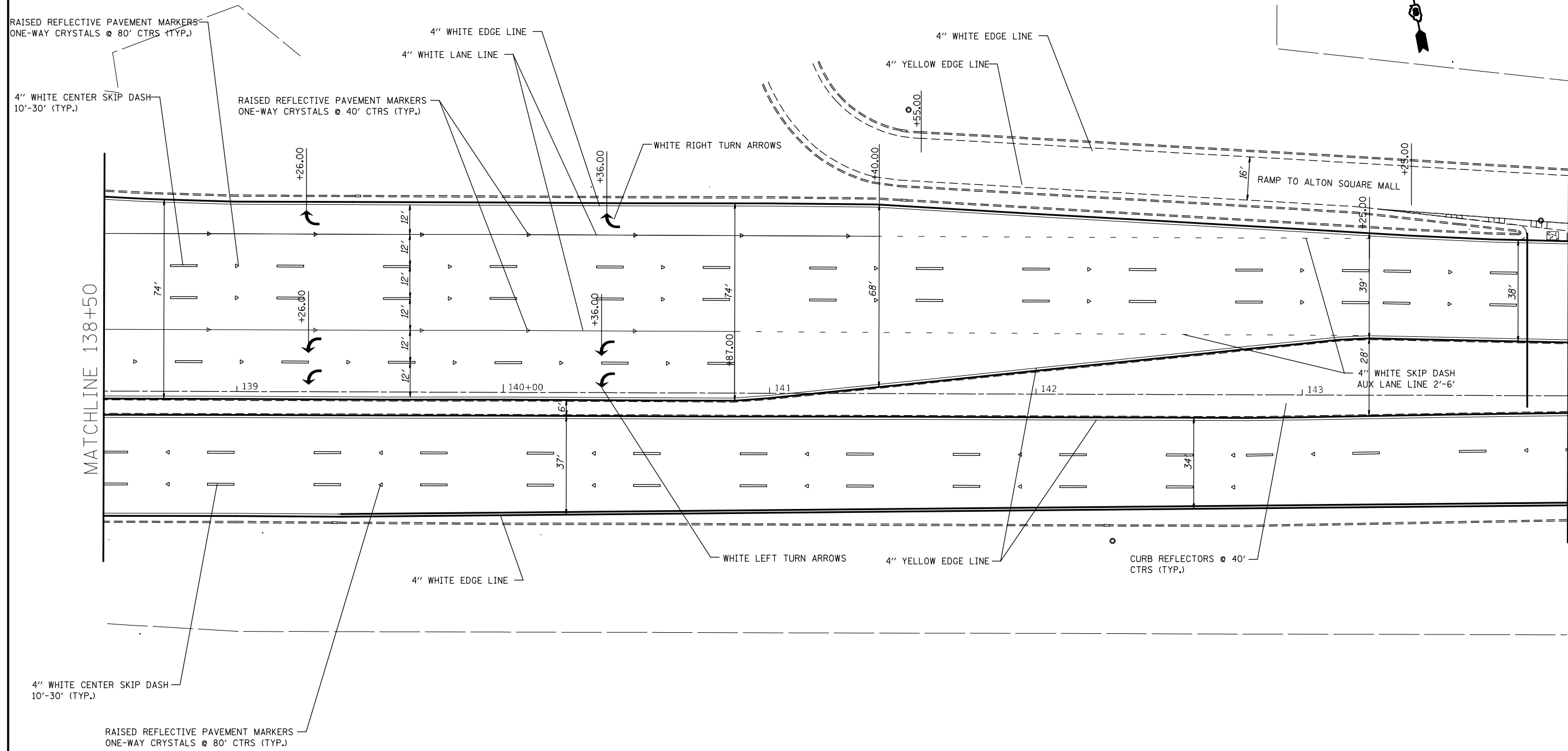
FILE NAME =	USER NAME = alfordb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEETS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 8\Projects\D876657\Drawings\CADsheets\d876g57-sht-plan.dgn		DRAMA	REVISED -		789	IRS-2	MADISON	89	50	CONTRACT NO. 76G57		
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		SCALE: 20	SHEET 27	OF 27 SHEETS	STA. 274+00	TO STA. 278+89	ILLINOIS FED. AID PROJECT		
	PLOT DATE = 3/9/2021	DATE -	REVISED -									



EXIST. CURVE 30
 PI STA. = 84+04.79
 $\Delta = 29^\circ 48' 50''$ (RT)
 $D = 10^\circ 29' 59''$
 $R = 545.69'$
 $T = 145.27'$
 $L = 283.95'$
 $E = 19.00'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 82+59.52$
 $P.T. STA. = 85+43.47$

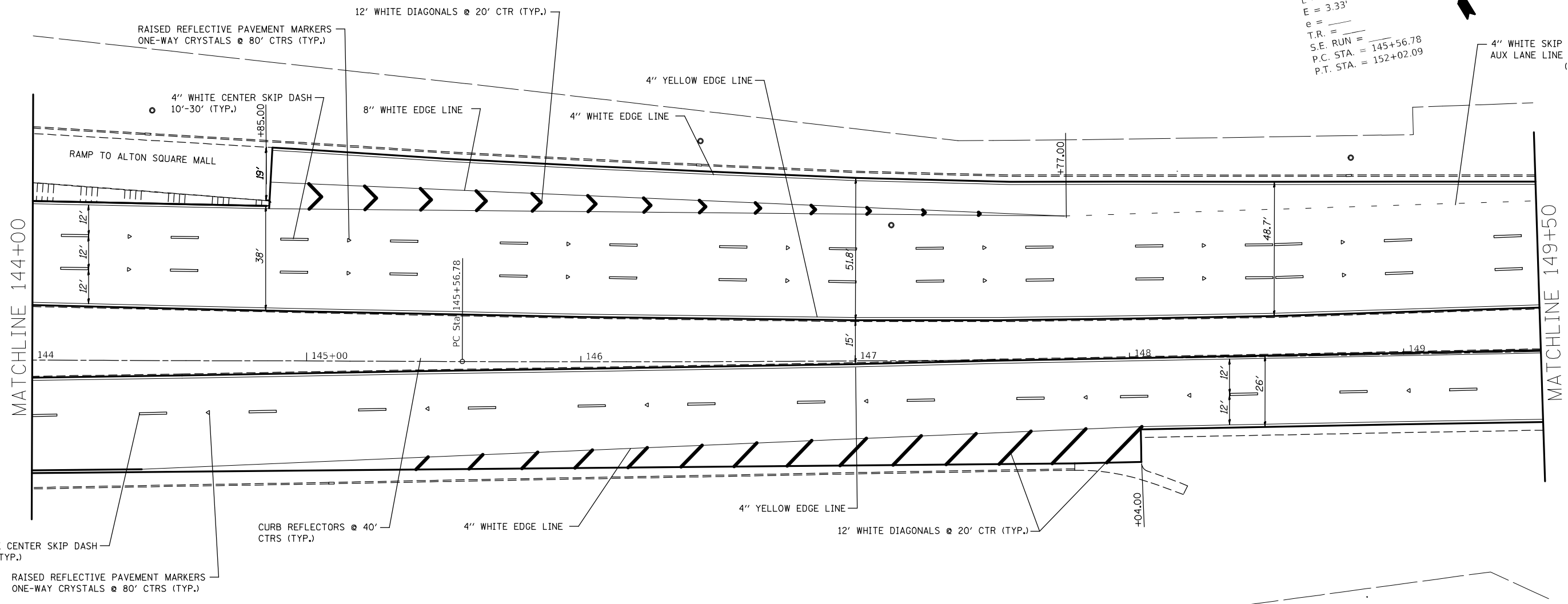
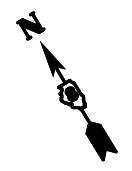


FILE NAME =	USER NAME = alfordb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING SHEETS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 8\Projects\D876657\DRAWINGS\CAD\Sheets\d876g57-sht-pm.dgn	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -					789	IRS-2	MADISON	89	51
Default	PLOT DATE = 3/9/2021	DATE -	REVISED -		SCALE: 20 SHEET 1 OF 27 SHEETS STA. 133+90 TO STA. 138+50			CONTRACT NO. 76G57				
					ILLINOIS FED. AID PROJECT							

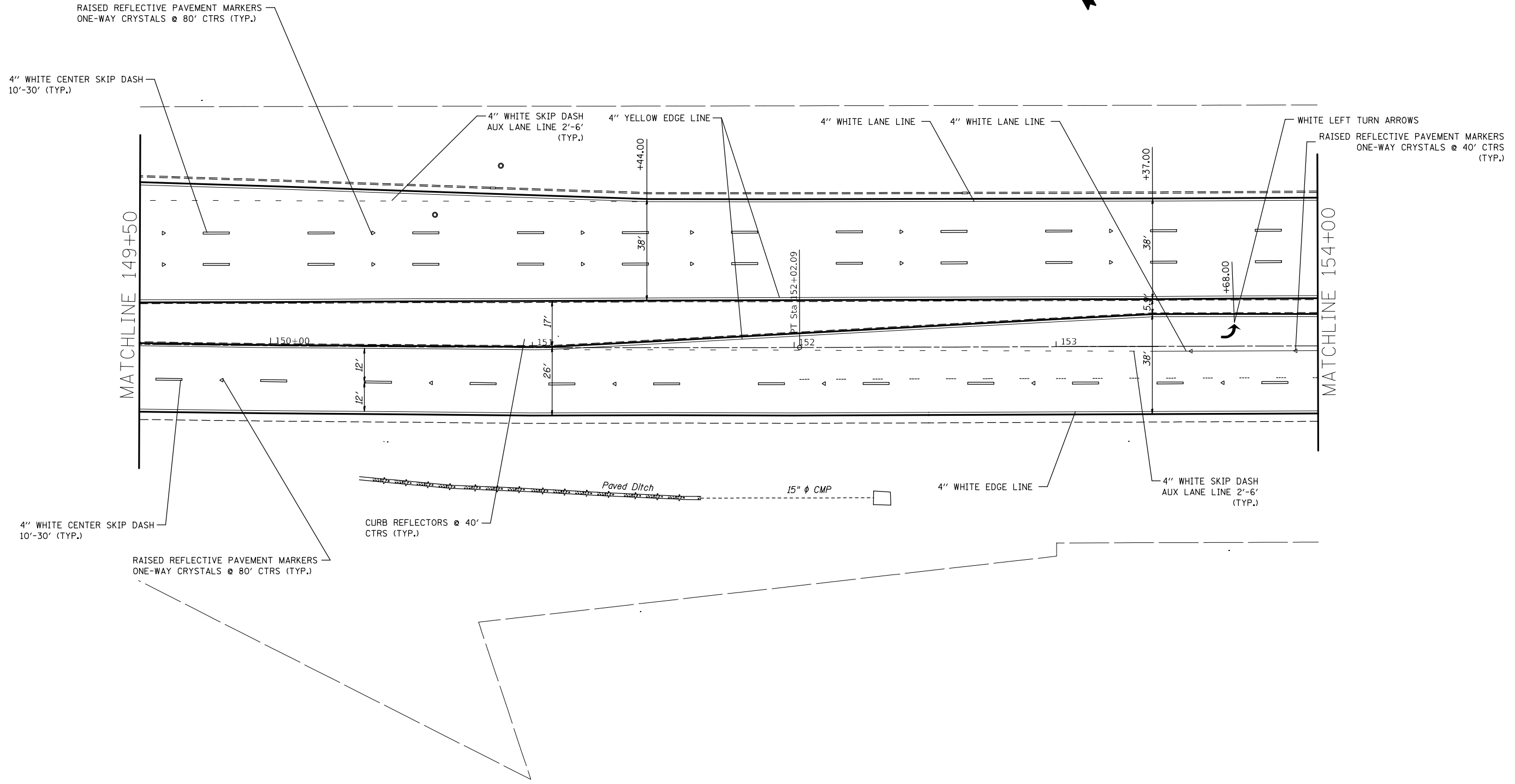


FILE NAME =	USER NAME = alfordb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING SHEETS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 76G57			ILLINOIS FED. AID PROJECT				
	PLOT DATE = 3/9/2021	DATE -	REVISED -		SCALE: 20	SHEET 2 OF 27 SHEETS	STA. 138+50 TO STA. 144+00					

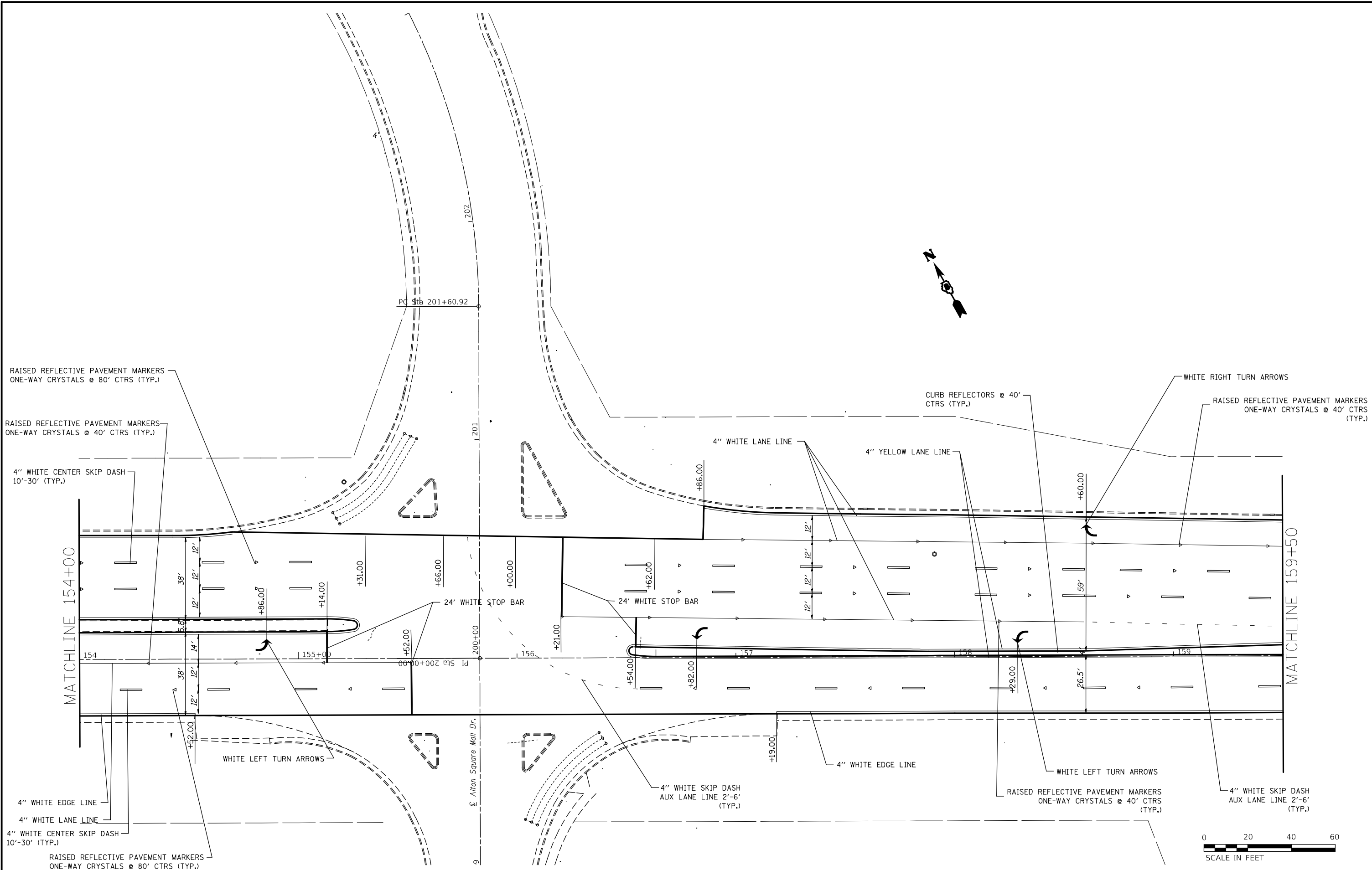
EXIST. CURVE 2
 PI STA. = 148+79.48
 $\Delta = 2^\circ 21' 58''$ (LT)
 $D = 0^\circ 22' 00''$
 $R = 15,625.96'$
 $T = 322.70'$
 $L = 645.30'$
 $E = 3.33'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 145+56.78$
 $P.T. STA. = 152+02.09$



FILE NAME =	USER NAME = alfordb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING SHEETS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default	PLotted DATE = 3/9/2021	DATE -	REVISED -		SCALE: 20 SHEET 3 OF 27 SHEETS STA. 144+00 TO STA. 149+50			CONTRACT NO. 76G57				
ILLINOIS FED. AID PROJECT												



FILE NAME =	USER NAME = alfordb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING SHEETS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 8\Projects\D876657\Drawings\CADsheets\d876g57-sht-pm.dgn	DRAMA	REVISIONS	REVISIONS					789	IRS-2	MADISON	89	54
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		SCALE: 20			SHEET 4 OF 27 SHEETS			STA. 149+50 TO STA. 154+00	
	PLOT DATE = 3/9/2021	DATE -	REVISED -		ILLINOIS FED. AID PROJECT CONTRACT NO. 76G57							



RAISED REFLECTIVE PAVEMENT MARKERS
ONE-WAY CRYSTALS @ 80' CTRS (TYP.)

RAISED REFLECTIVE PAVEMENT MARKERS
ONE-WAY CRYSTALS @ 40' CTRS (TYP.)

4" WHITE CENTER SKIP DASH
10'-30' (TYP.)

CURB REFLECTORS @ 40'
CTRS (TYP.)

WHITE RIGHT TURN ARROWS

RAISED REFLECTIVE PAVEMENT MARKERS
ONE-WAY CRYSTALS @ 40' CTRS (TYP.)

MATCHLINE 154+00

MATCHLINE 159+50

Alton Square Mall Dr.

4" WHITE EDGE LINE

4" WHITE LANE LINE

4" WHITE CENTER SKIP DASH
10'-30' (TYP.)

RAISED REFLECTIVE PAVEMENT MARKERS
ONE-WAY CRYSTALS @ 80' CTRS (TYP.)

WHITE LEFT TURN ARROWS

4" WHITE SKIP DASH
AUX LANE LINE 2'-6'
(TYP.)

4" WHITE EDGE LINE

RAISED REFLECTIVE PAVEMENT MARKERS
ONE-WAY CRYSTALS @ 40' CTRS (TYP.)

4" WHITE SKIP DASH
AUX LANE LINE 2'-6'
(TYP.)



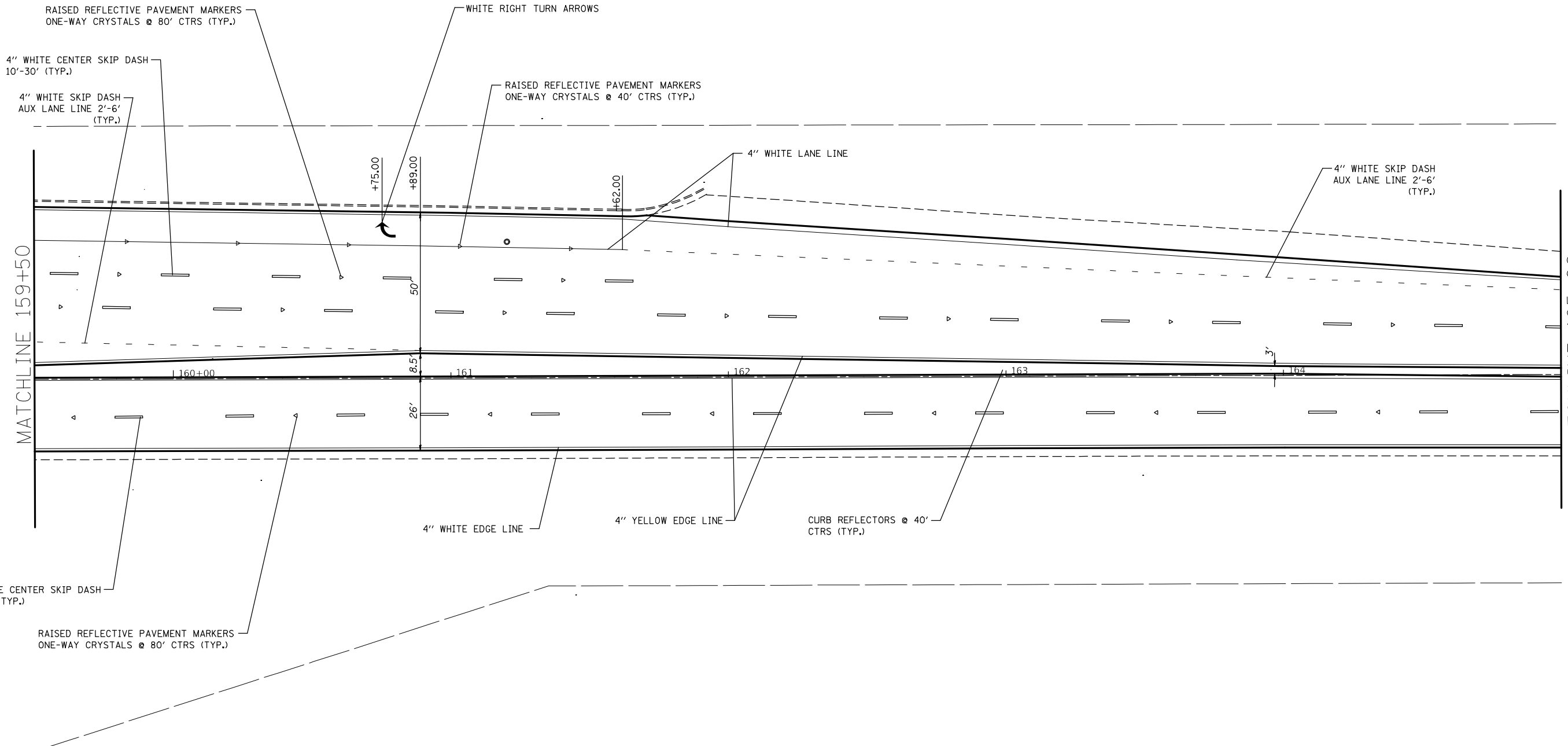
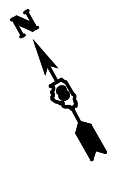
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Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/9/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

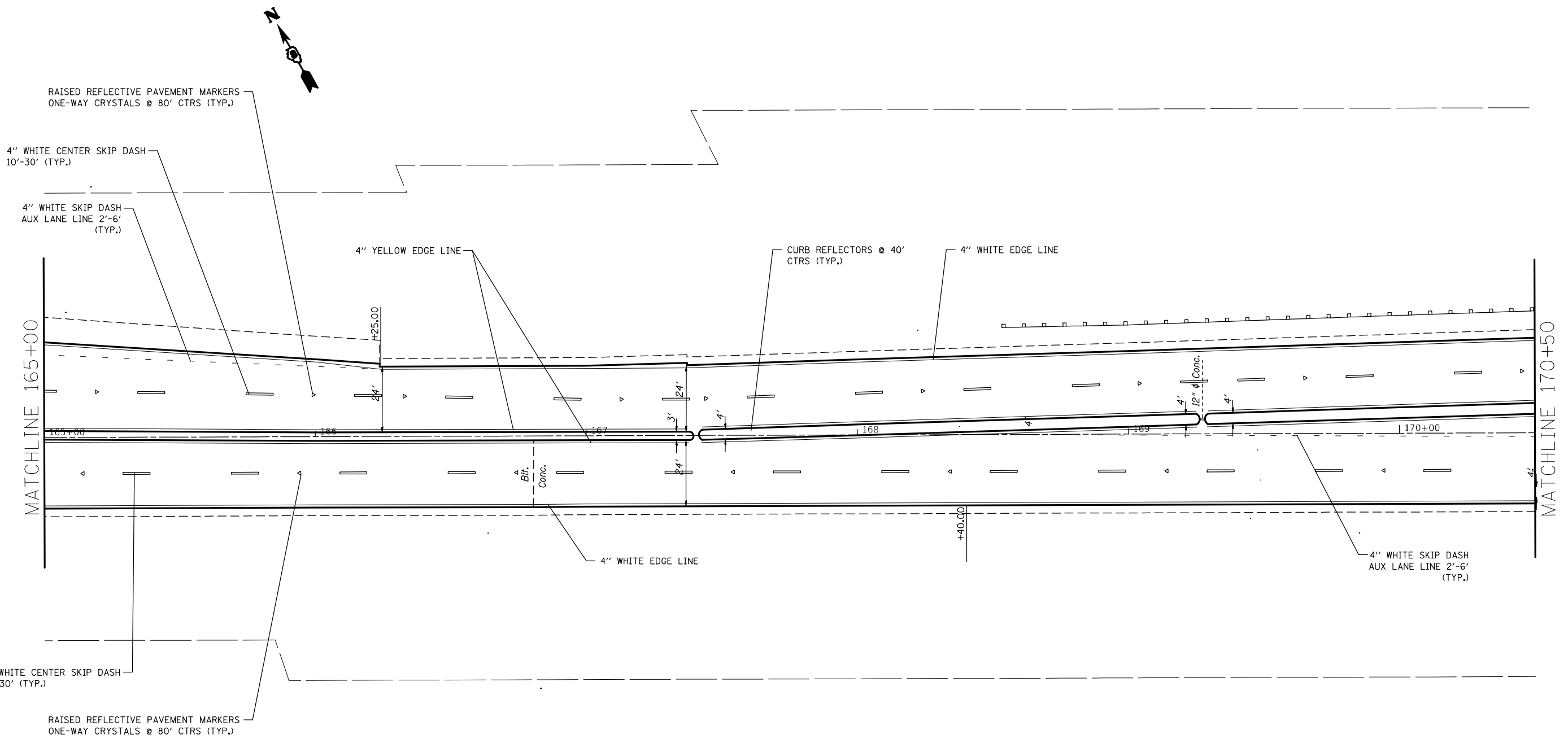
PAVEMENT MARKING SHEETS

SCALE: 20 SHEET 5 OF 27 SHEETS STA. 154+00 TO STA. 159+50

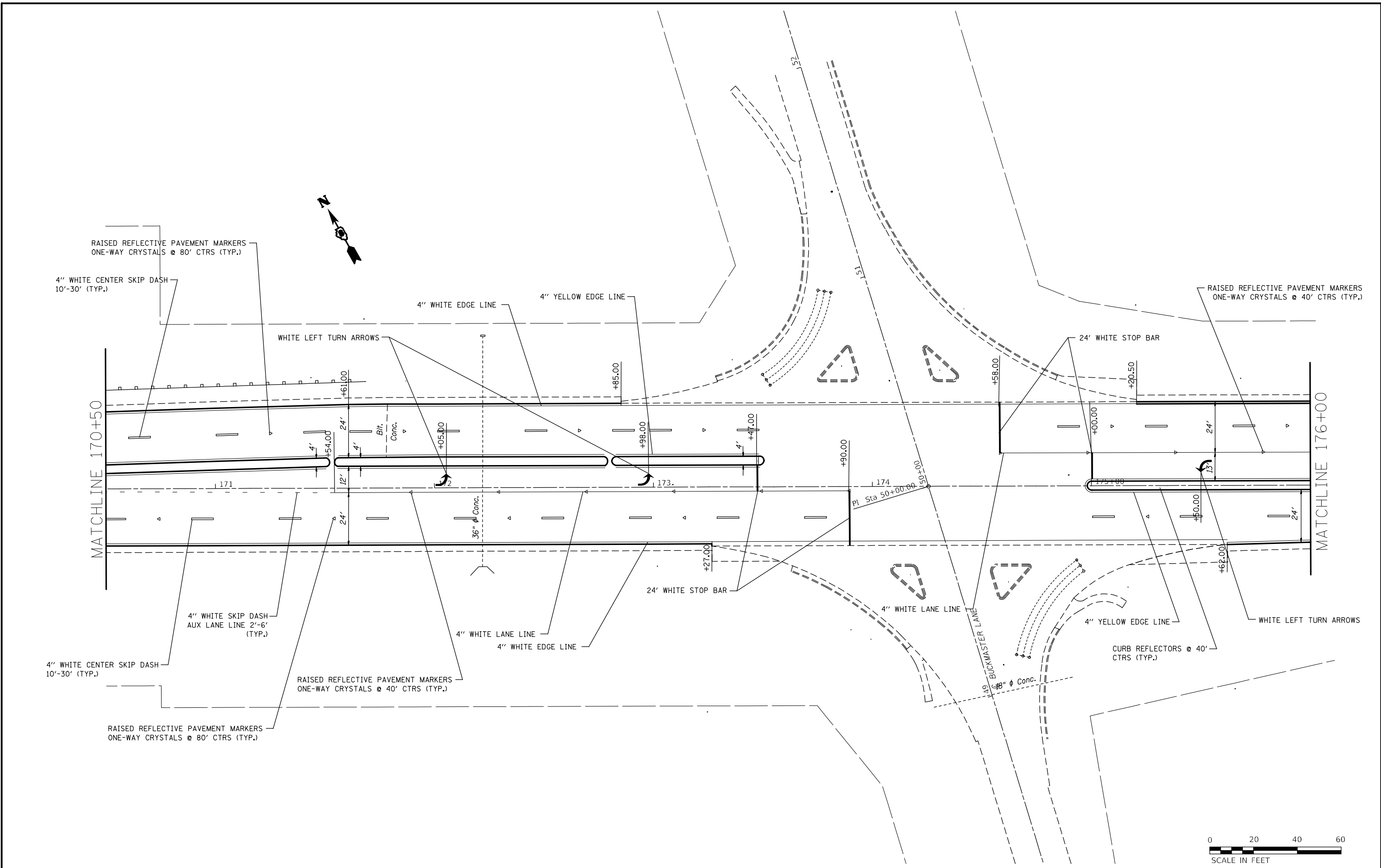
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
789	IRS-2	MADISON	89	55
CONTRACT NO. 76G57				
ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = alfordb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING SHEETS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 8\Projects\D876657\Drawings\CADsheets\d876657-sht-pm.dgn	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -					789	IRS-2	MADISON	89	56
Default	PLOT DATE = 3/9/2021	DATE -	REVISED -		SCALE: 20 SHEET 6 OF 27 SHEETS STA. 159+50 TO STA. 165+00			CONTRACT NO. 76657				
					ILLINOIS FED. AID PROJECT							



FILE NAME =	USER NAME = alfordb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING SHEETS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 8\Projects\D87657\Drawings\CADsheets\d876g57-sht-pm.dgn	DRAMA	REVISIONS	REVISIONS					789	IRS-2	MADISON	89	57
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 76G57			ILLINOIS FED. AID PROJECT				
	PLOT DATE = 3/9/2021	DATE -	REVISED -		SCALE: 20	SHEET 7 OF 27 SHEETS	STA. 165+00 TO STA. 170+50					



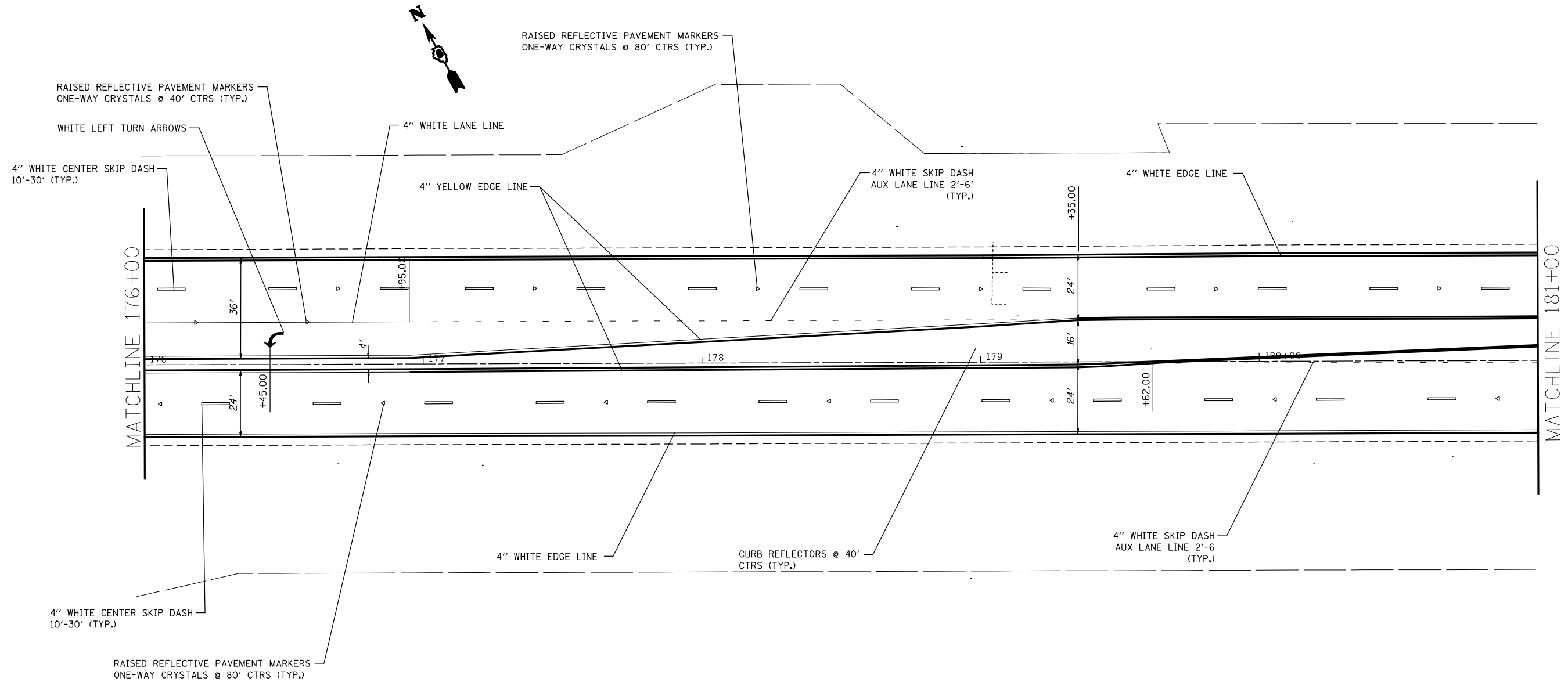
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

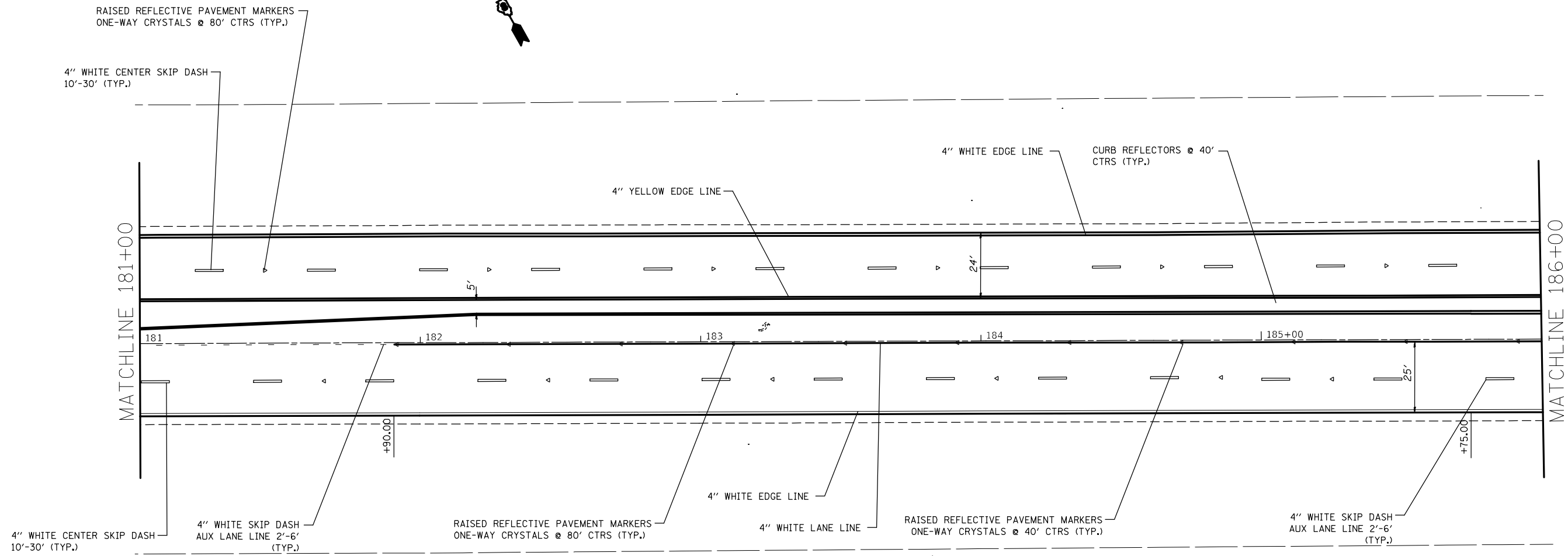
PAVEMENT MARKING SHEETS

SCALE: 20 SHEET 8 OF 27 SHEETS STA. 170+50 TO STA. 176+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
789	IRS-2	MADISON	89	58
CONTRACT NO. 76657				
ILLINOIS FED. AID PROJECT				

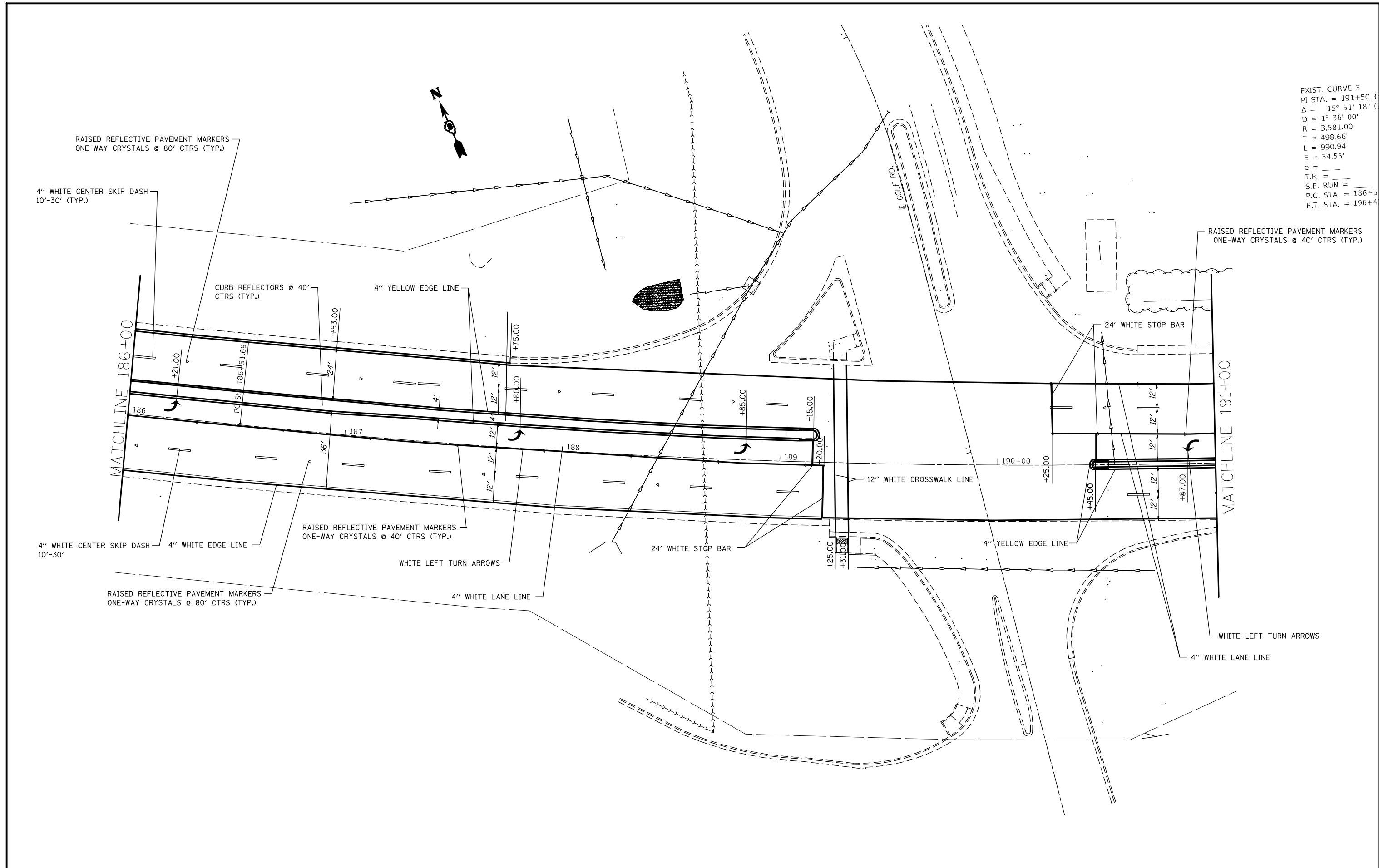


FILE NAME =	USER NAME = alfordb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING SHEETS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 8\Projects\D87657\Drawings\CADsheets\d876g57-sht-pm.dgn	PLT SCALE = 40.0000' / in.	CHECKED -	REVISED -					789	IRS-2	MADISON	89	59
Default	PLT DATE = 3/9/2021	DATE -	REVISED -		SCALE: 20 SHEET 9 OF 27 SHEETS STA. 176+00 TO STA. 181+00			CONTRACT NO. 76G57				
					ILLINOIS FED. AID PROJECT							



FILE NAME =	USER NAME = alfordb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING SHEETS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 8\Projects\D876657\Drawings\CADsheets\d876657-sht-pm.dgn	DRAMA	REVISIONS	REVISIONS					789	IRS-2	MADISON	89	60
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		SCALE: 20 SHEET 10 OF 27 SHEETS STA. 181+00 TO STA. 186+00			CONTRACT NO. 76657				
	PLOT DATE = 3/9/2021	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

EXIST. CURVE 3
 PI STA. = 191+50.3
 $\Delta = 15^\circ 51' 18''$ (RT)
 $D = 1^\circ 36' 00''$
 $R = 3,581.00'$
 $T = 498.66'$
 $L = 990.94'$
 $E = 34.55'$
 $e =$
 T.R. =
 S.E. RUN =
 P.C. STA. = 186+51.69
 P.T. STA. = 196+42.63



FILE NAME =	USER NAME = alfordb	DESIGNED -	REVISED -
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Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/9/2021	DATE -	REVISED -

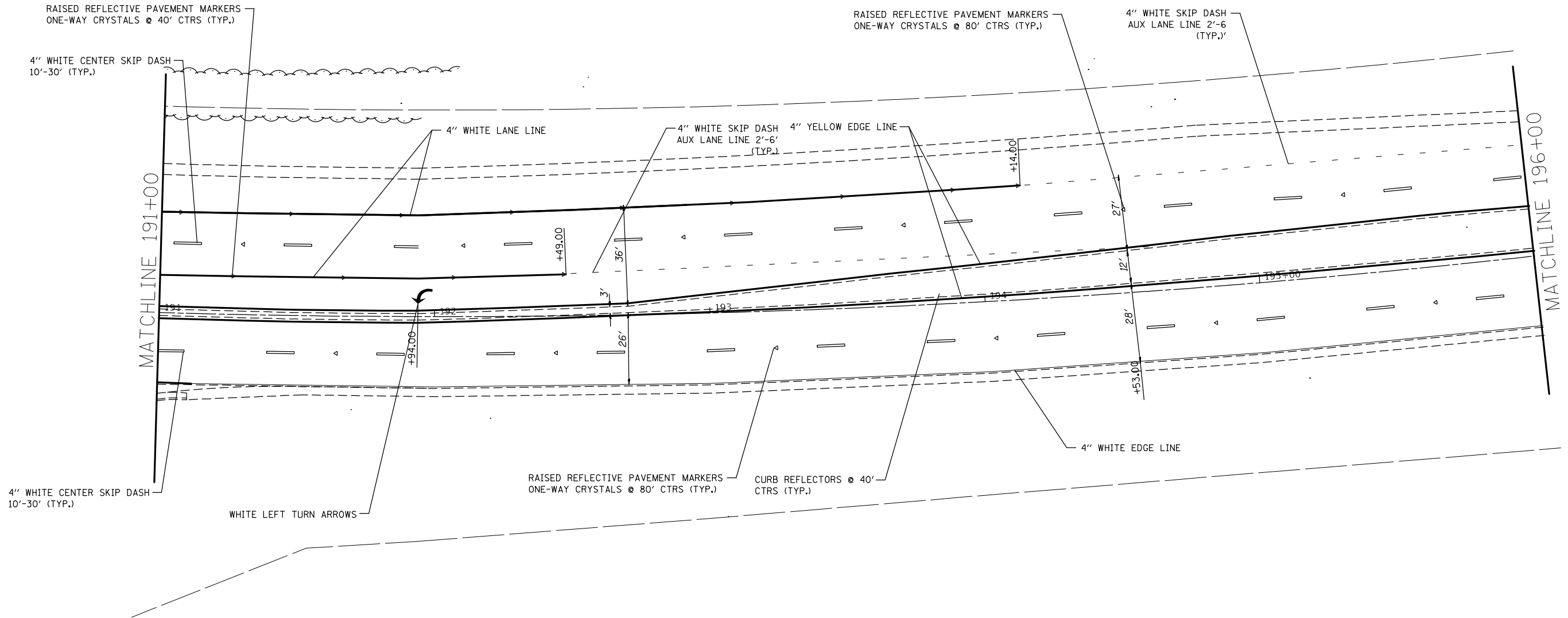
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING SHEETS

SCALE: 20 SHEET 11 OF 27 SHEETS STA. 186+00 TO STA. 191+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
789	IRS-2	MADISON	89	61
CONTRACT NO. 7657				
ILLINOIS FED. AID PROJECT				

EXIST. CURVE 3
 PI STA. = 191+50.35
 $\Delta = 15^\circ 51' 18''$ (LT)
 $D = 1^\circ 36' 00''$
 $R = 3,581.00'$
 $T = 498.66'$
 $L = 990.94'$
 $E = 34.55'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 186+51.69$
 $P.T. STA. = 196+42.63$

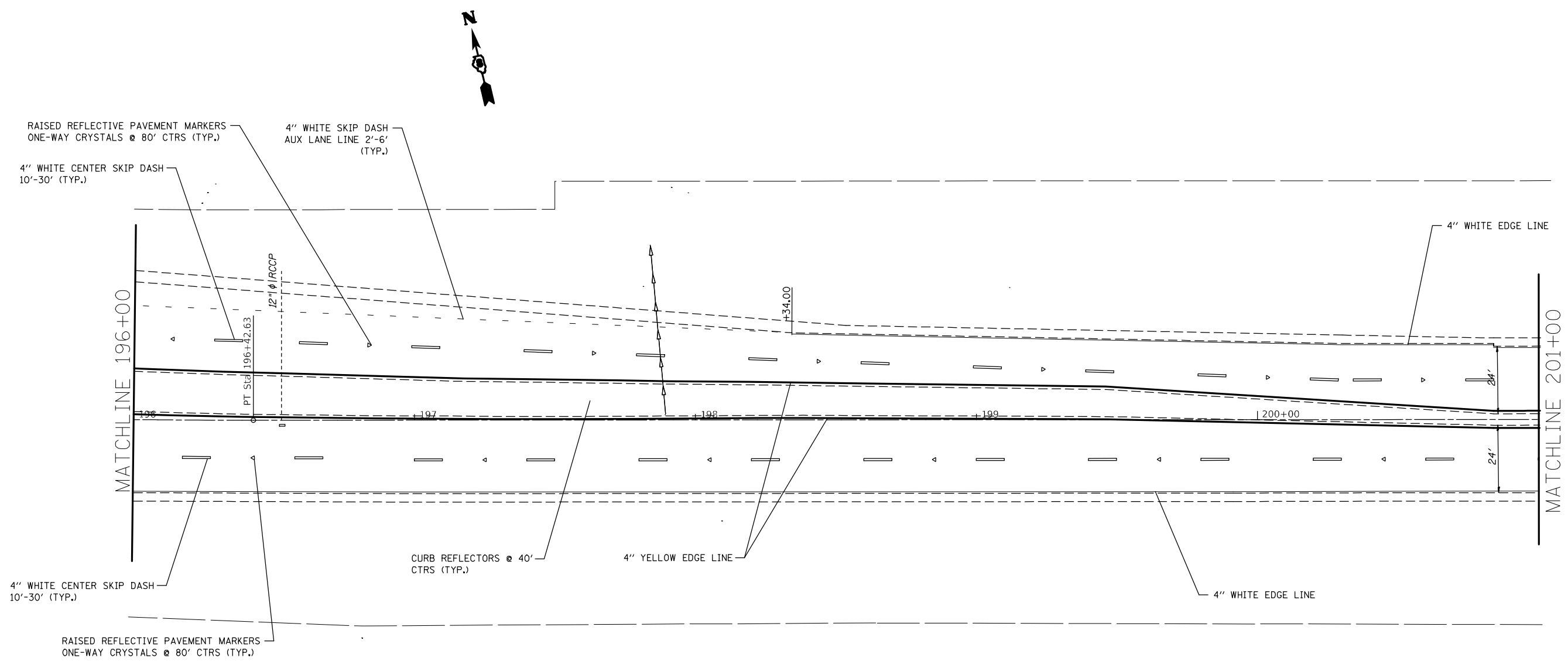


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Default	PLOT SCALE = 40.0000' / in.	DATE -	REVISED -
	PLOT DATE = 3/9/2021		

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: 20		SHEET 12 OF 27 SHEETS		STA. 191+00 TO STA. 196+00		F.A.P. RTE.		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
						789	IR5-2	MADISON	89	62	

CONTRACT NO. 76G57			
ILLINOIS FED. AID PROJECT			



FILE NAME =	USER NAME = alfordb	DESIGNED -	REVISED -
pw\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 8\Projects\D87657\Drawings\CADsheets\d876g57-sht-pm.dgn		REVISIONS	REVISIONS
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/9/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING SHEETS			
SCALE: 20	SHEET 13 OF 27 SHEETS	STA. 196+00	TO STA. 201+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
789	IRS-2	MADISON	89	63
CONTRACT NO. 76G57				
ILLINOIS FED. AID PROJECT				

RAISED REFLECTIVE PAVEMENT MARKERS
ONE-WAY CRYSTALS @ 80' CTRS (TYP.)

4" WHITE CENTER SKIP DASH
10'-30' (TYP.)

4" WHITE EDGE LINE

MATCHLINE 201+00

PC Sta 202+44.74

24'

24'

MATCHLINE 206+00

CURB REFLECTORS @ 40'
CTRS (TYP.)

4" YELLOW EDGE LINE

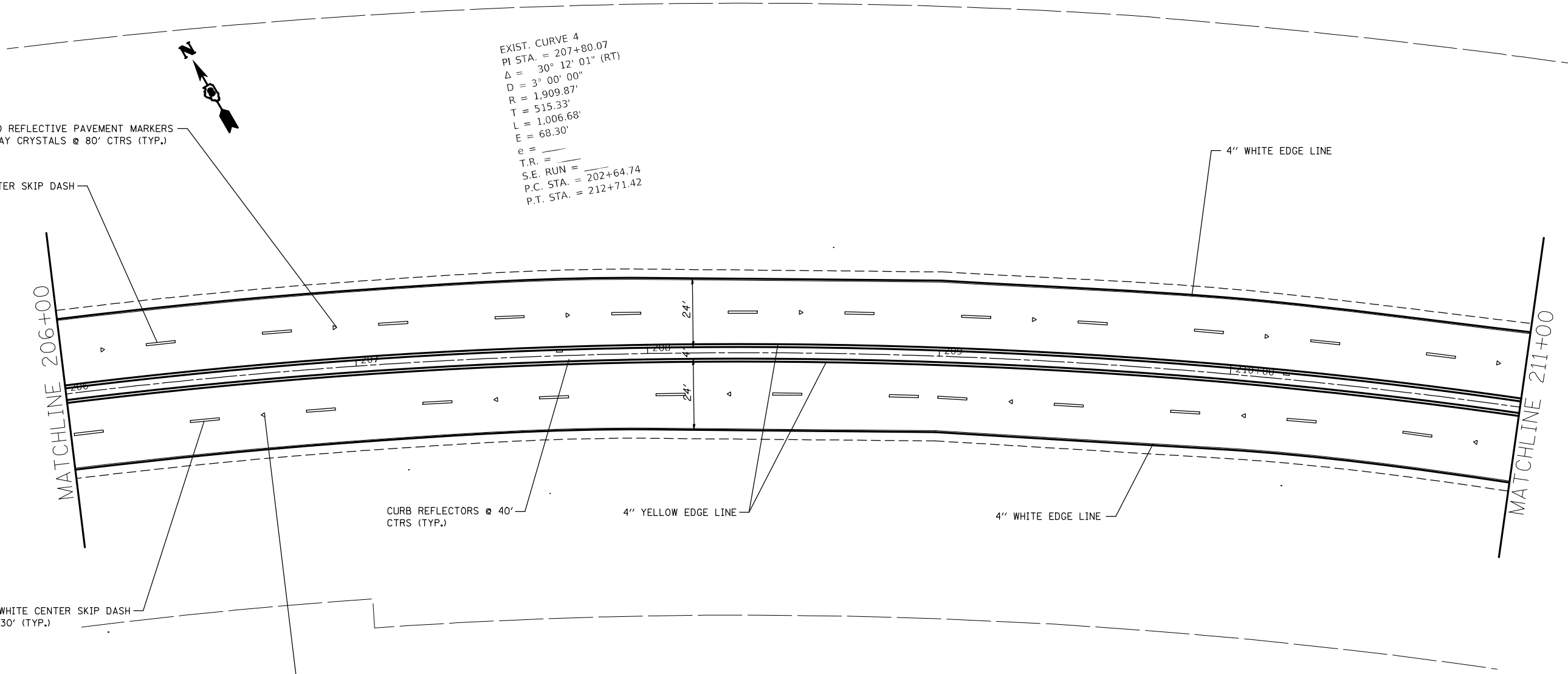
4" WHITE EDGE LINE

4" WHITE CENTER SKIP DASH
10'-30' (TYP.)

RAISED REFLECTIVE PAVEMENT MARKERS
ONE-WAY CRYSTALS @ 80' CTRS (TYP.)



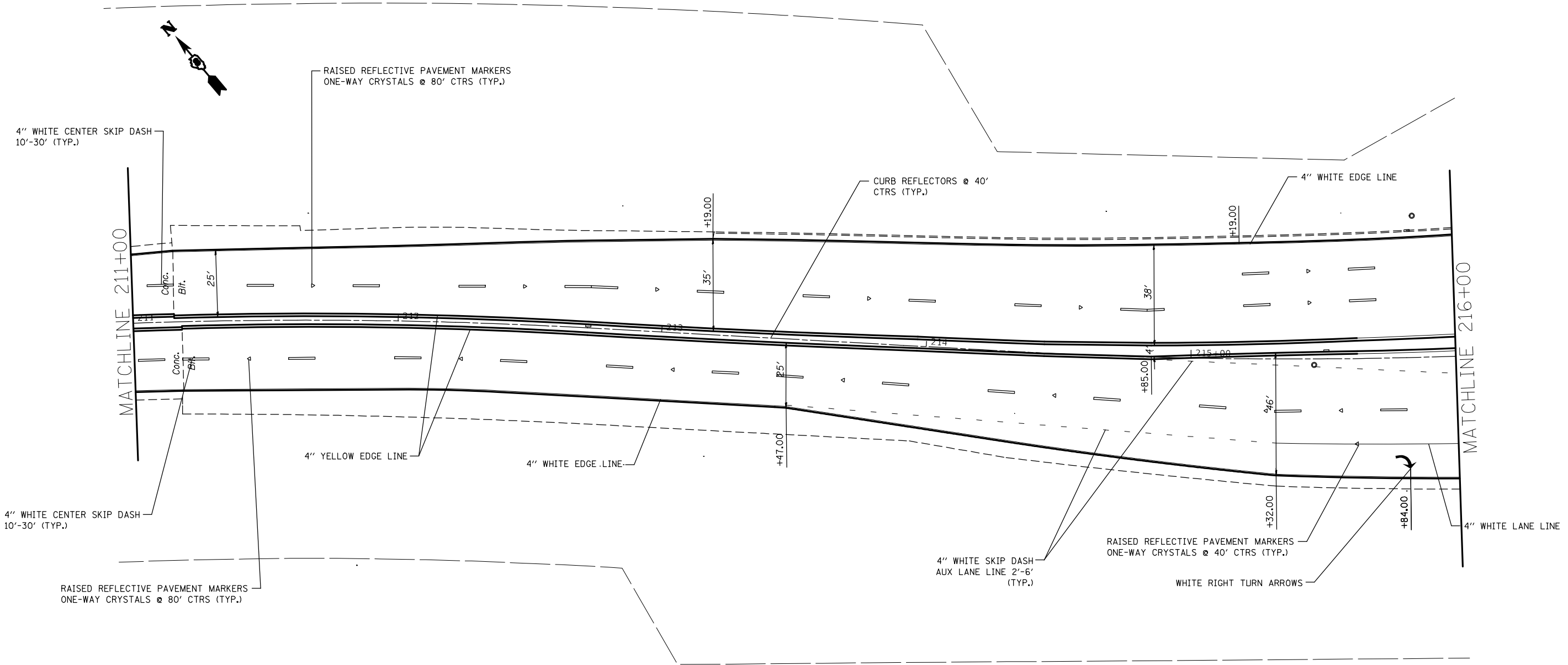
FILE NAME =	USER NAME = alfordb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING SHEETS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 8\Projects\D876657\Drawings\CADsheets\d876g57-sht-pm.dgn	PLLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -					789	IRS-2	MADISON	89	64
Default	PLLOT DATE = 3/9/2021	DATE -	REVISED -		SCALE: 20 SHEET 14 OF 27 SHEETS STA. 201+00 TO STA. 206+00			CONTRACT NO. 76G57				
											ILLINOIS FED. AID PROJECT	



EXIST. CURVE 4
 PI STA. = 207+80.07
 $\Delta = 30^\circ 12' 01''$ (RT)
 D = 3° 00' 00"
 R = 1,909.87'
 T = 515.33'
 L = 1,006.68'
 E = 68.30'
 e = —
 T.R. = —
 S.E. RUN = —
 P.C. STA. = 202+64.74
 P.T. STA. = 212+71.42

FILE NAME =	USER NAME = alfordb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING SHEETS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 8\Projects\D876657\Drawings\CADsheets\d876g57-sht-pm.dgn	DRAMA	REVISIONS	REVISIONS					789	IRS-2	MADISON	89	65
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		SCALE: 20			SHEET 15 OF 27 SHEETS			STA. 206+00 TO STA. 211+00	
	PLOT DATE = 3/9/2021	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

CONTRACT NO. 76G57



MATCHLINE 211+00

MATCHLINE 216+00

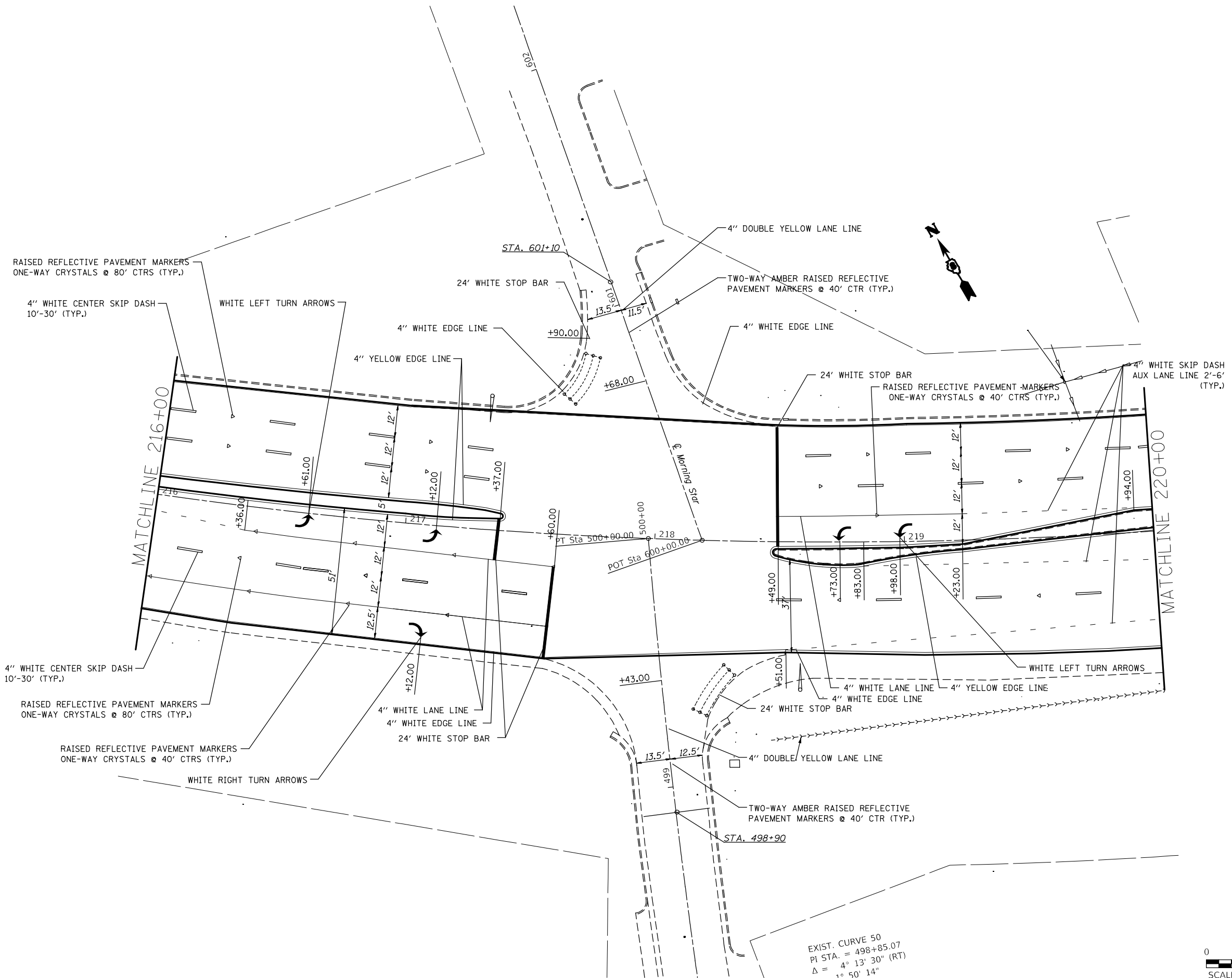


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Default	PLOT DATE = 3/9/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING SHEETS			
SCALE: 20	SHEET 16	OF 27 SHEETS	STA. 211+00 TO STA. 216+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
789	IRS-2	MADISON	89	66
CONTRACT NO. 76657				
ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = alfordb	DESIGNED -	REVISED -
pw\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 8\Projects\D876657\Drawings\CADsheets\d876657-sht-pm.dgn		REVISIONS	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/9/2021	DATE -	REVISED -

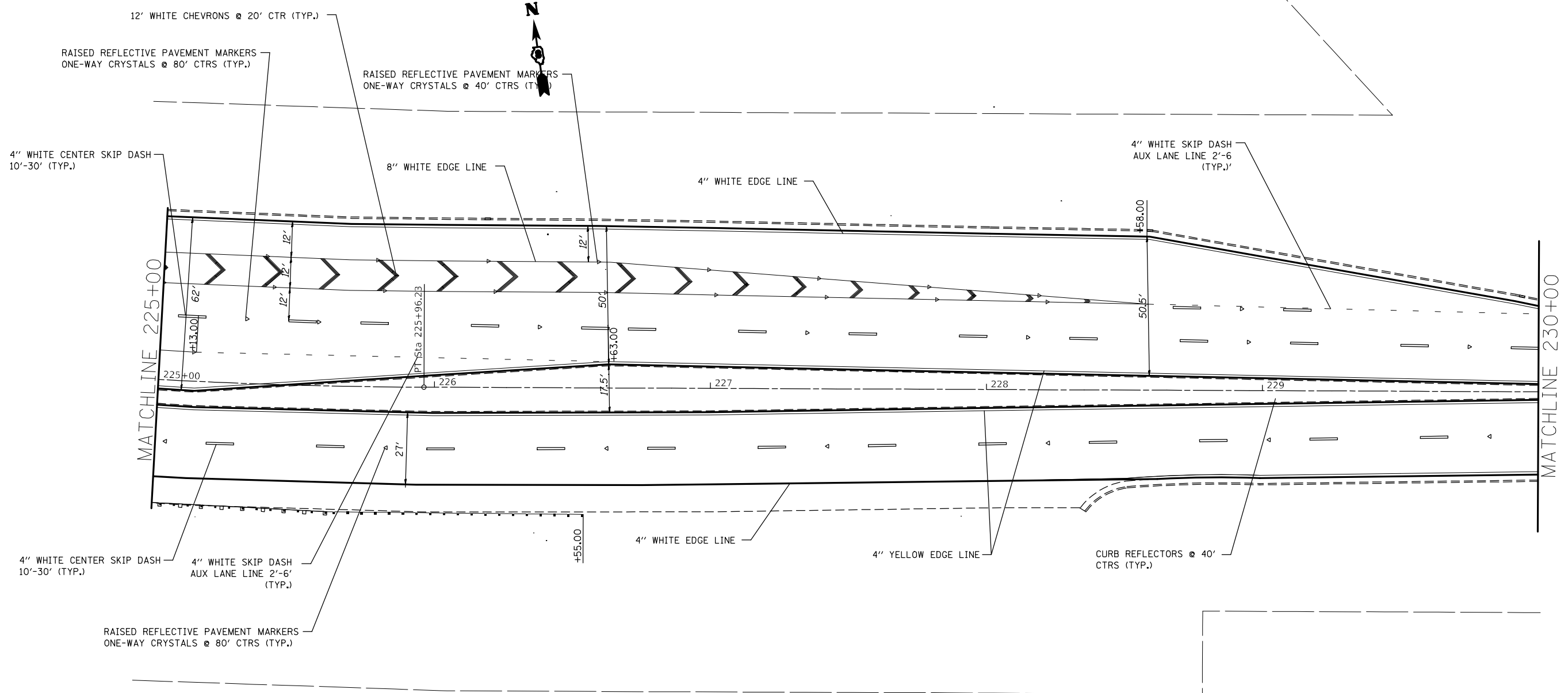
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING SHEETS

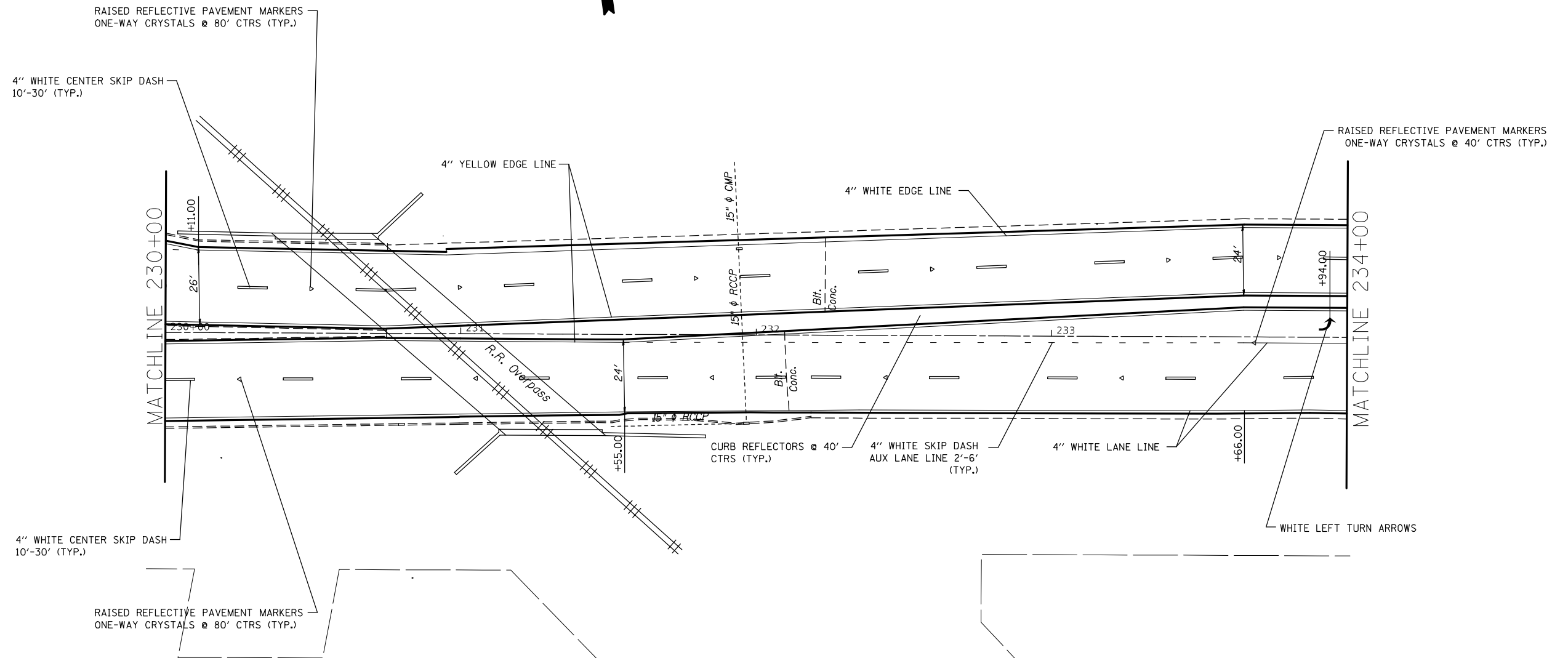
SCALE: 20 SHEET 17 OF 27 SHEETS STA. 216+00 TO STA. 220+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
789	IRS-2	MADISON	89	67
CONTRACT NO. 76657				
ILLINOIS FED. AID PROJECT				



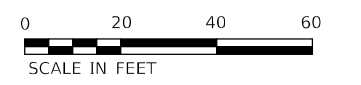
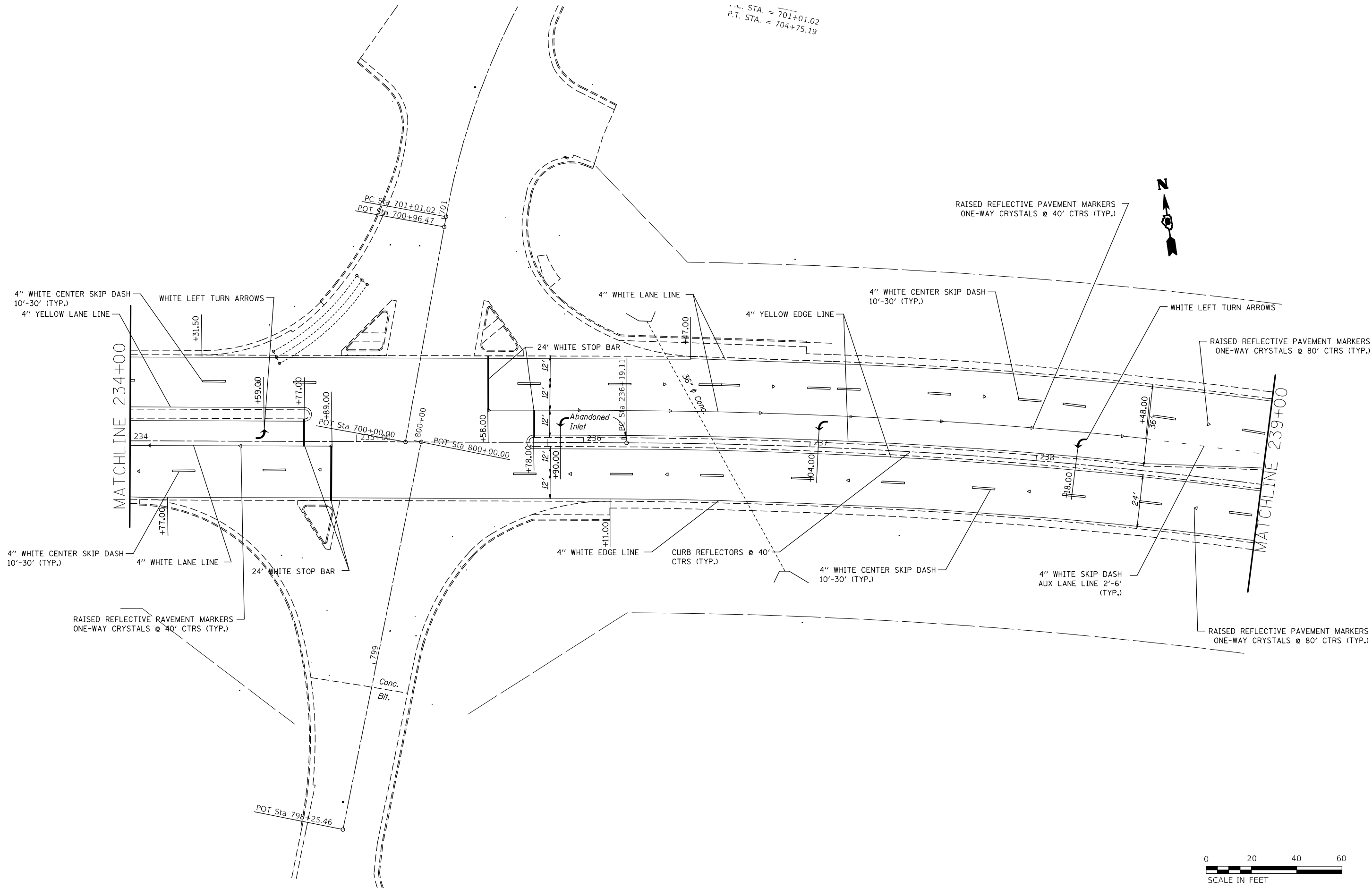


FILE NAME =	USER NAME = alfordb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING SHEETS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 8\Projects\D876657\Drawings\CADsheets\d876g57-sht-pm.dgn	DRAMA	REVISIONS	REVISIONS					789	IRS-2	MADISON	89	69
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 76657			ILLINOIS FED. AID PROJECT				
	PLOT DATE = 3/9/2021	DATE -	REVISED -		SCALE: 20	SHEET 19 OF 27 SHEETS	STA. 225 TO STA. 230					

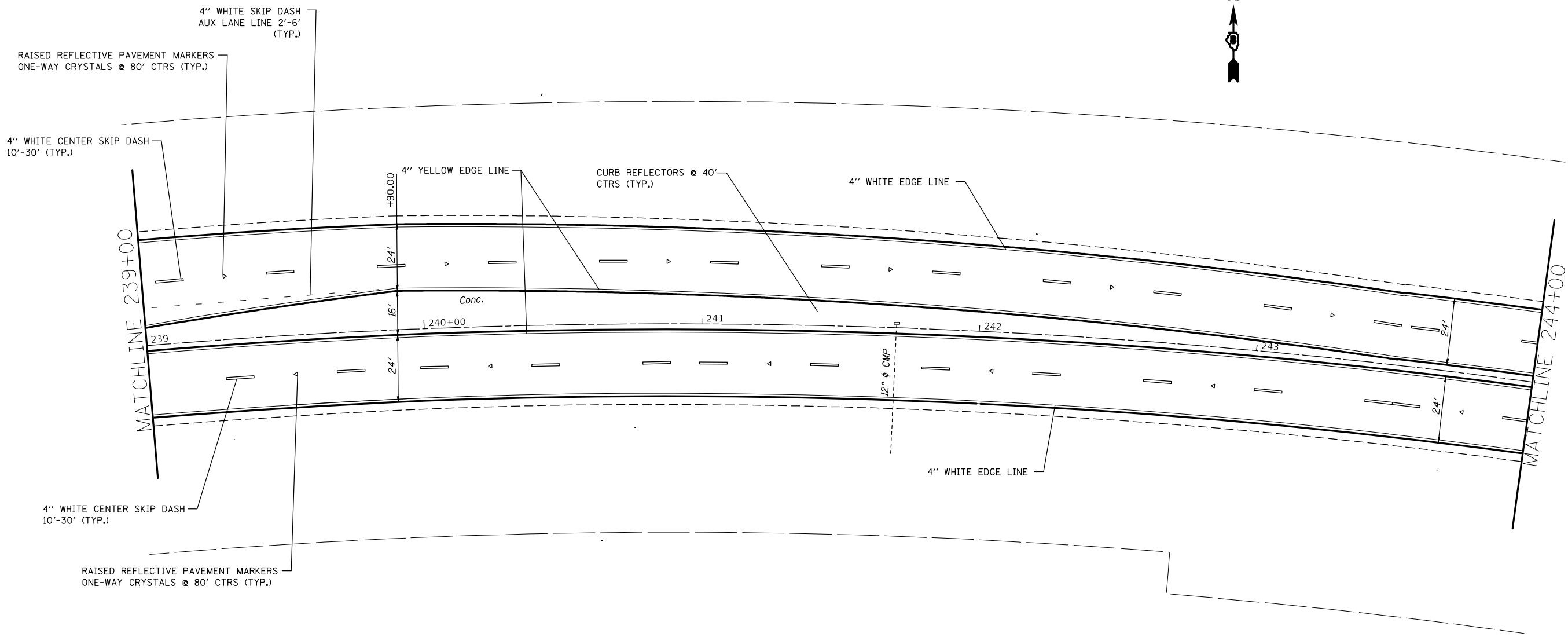


FILE NAME =	USER NAME = alfordb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING SHEETS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 8\Projects\DR7657\Drawings\CADsheets\d876g57-sht-pm.dgn	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -					789	IRS-2	MADISON	89	70
Default	PLOT DATE = 3/9/2021	DATE -	REVISED -		SCALE: 20 SHEET 20 OF 27 SHEETS STA. 230+00 TO STA. 234+00			CONTRACT NO. 76G57				
					ILLINOIS FED. AID PROJECT							

P.C. STA. = 701+01.02
 P.T. STA. = 704+75.19



FILE NAME =	USER NAME = alfordb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING SHEETS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 8\Projects\D876657\Drawings\CADsheets\d876657-sht-pm.dgn	PLotted Scale = 48.0000' / in.	CHECKED -	REVISED -					789	IRS-2	MADISON	89	71
Default	PLOT DATE = 3/9/2021	DATE -	REVISED -		SCALE: 20 SHEET 21 OF 27 SHEETS STA. 234+00 TO STA. 239+00			CONTRACT NO. 76657				
							ILLINOIS FED. AID PROJECT					



FILE NAME =	USER NAME = elfordb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING SHEETS			F.A.P. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\plnroom.dot.illinois.gov\PIDOT\Documents\DOT Offices\District 8\Projects\D876657\Drawings\CAD\Sheets\d876657-sht-pm.dgn	PLOT SCALE = 48.0000 ' / in.	CHECKED -	REVISED -					789	1RS-2	MADISON	89	72
Default	PLOT DATE = 3/9/2021	DATE -	REVISED -		SCALE: 20 SHEET 22 OF 27 SHEETS STA. 239+00 TO STA. 244+00			CONTRACT NO. 76657				
					ILLINOIS FED. AID PROJECT							

EXIST. CURVE 21
 PI STA. = 245+57.76
 $\Delta = 44^\circ 32' 42''$ (RT)
 $D = 2^\circ 30' 00''$
 $R = 2,291.81'$
 $T = 938.65'$
 $L = 1,781.78'$
 $E = 184.77'$
 $e = \text{---}$
 $T.R. = \text{---}$
 $S.E. \text{ RUN} = 236+19.11$
 $P.C. \text{ STA.} = 254+00.89$
 $P.T. \text{ STA.} = 254+00.89$



4" WHITE CENTER SKIP DASH
 10'-30' (TYP.)

RAISED REFLECTIVE PAVEMENT MARKERS
 ONE-WAY CRYSTALS @ 80' CTRS (TYP.)

4" YELLOW EDGE LINE

4" WHITE EDGE LINE

MATCHLINE 244+00

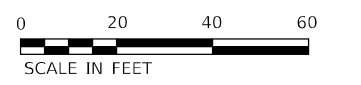
MATCHLINE 249+00

4" WHITE CENTER SKIP DASH
 10'-30' (TYP.)

4" WHITE EDGE LINE

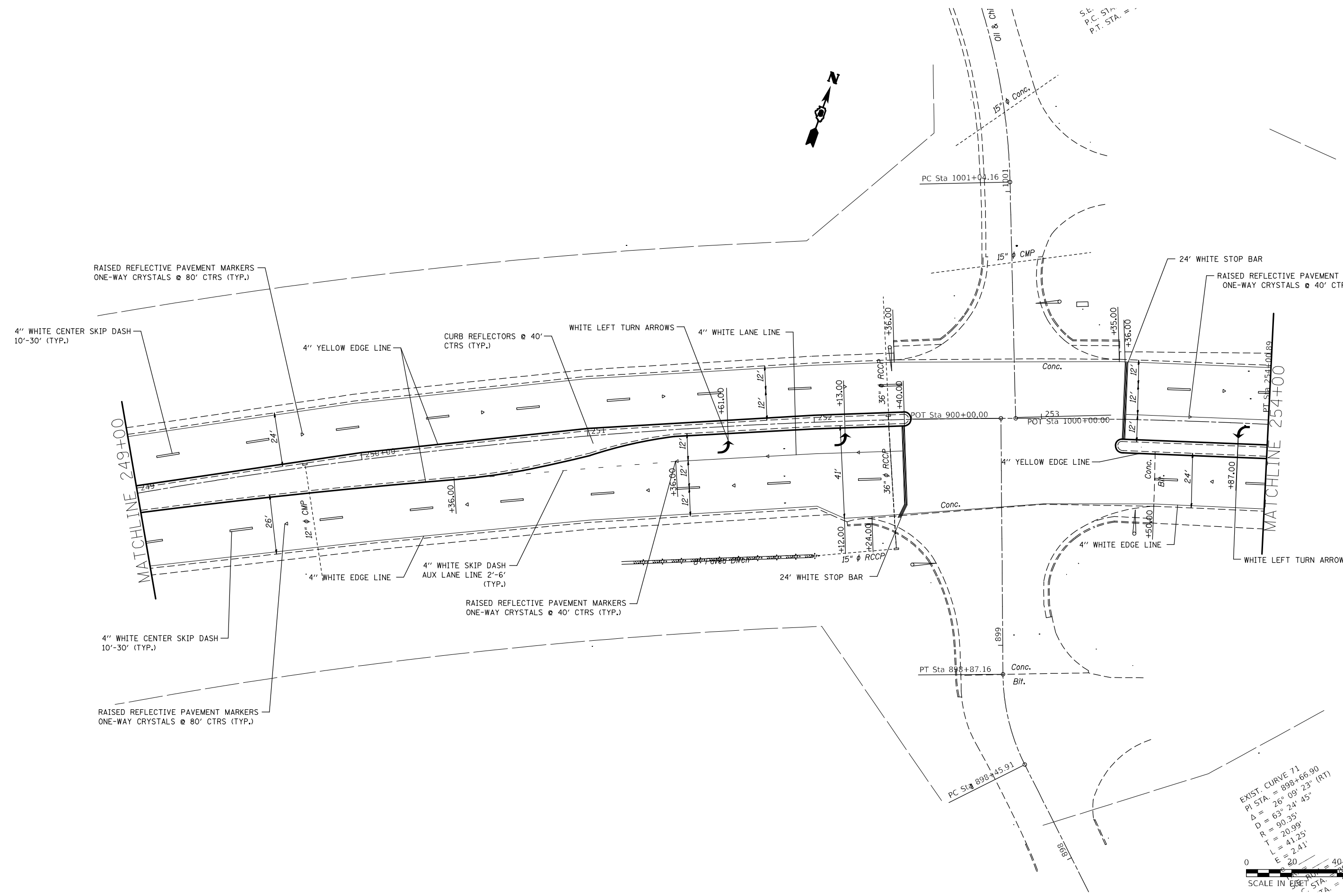
CURB REFLECTORS @ 40'
 CTRS (TYP.)

RAISED REFLECTIVE PAVEMENT MARKERS
 ONE-WAY CRYSTALS @ 80' CTRS (TYP.)



FILE NAME =	USER NAME = elfordb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING SHEETS				F.A.P. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\plnroom.dot.illinois.gov\PIDOT\Documents\DOT Offices\District 8\Projects\D876657\DATA\CAD\Sheets\d876657-sht-pm.dgn		CHECKED -	REVISED -		789	1RS-2	MADISON	89	73				
Default	PLOT SCALE = 48.0000 "/ in.	DATE -	REVISED -		CONTRACT NO. 76657								
	PLOT DATE = 3/9/2021				SCALE: 20	SHEET 23 OF 27 SHEETS	STA. 244+00	TO STA. 249+00	ILLINOIS FED. AID PROJECT				

S.E.
P.C. STA. =
P.T. STA. =



EXIST. CURVE 71
 PI STA. = 898+66.90
 $\Delta = 26^{\circ} 09' 23''$ (RT)
 $D = 63^{\circ} 24' 45''$
 $R = 90.35'$
 $T = 20.99'$
 $L = 41.25'$
 $E = 2.41'$
 SCALE IN FEET
 0 20 40
 898+45.91
 898+87.16

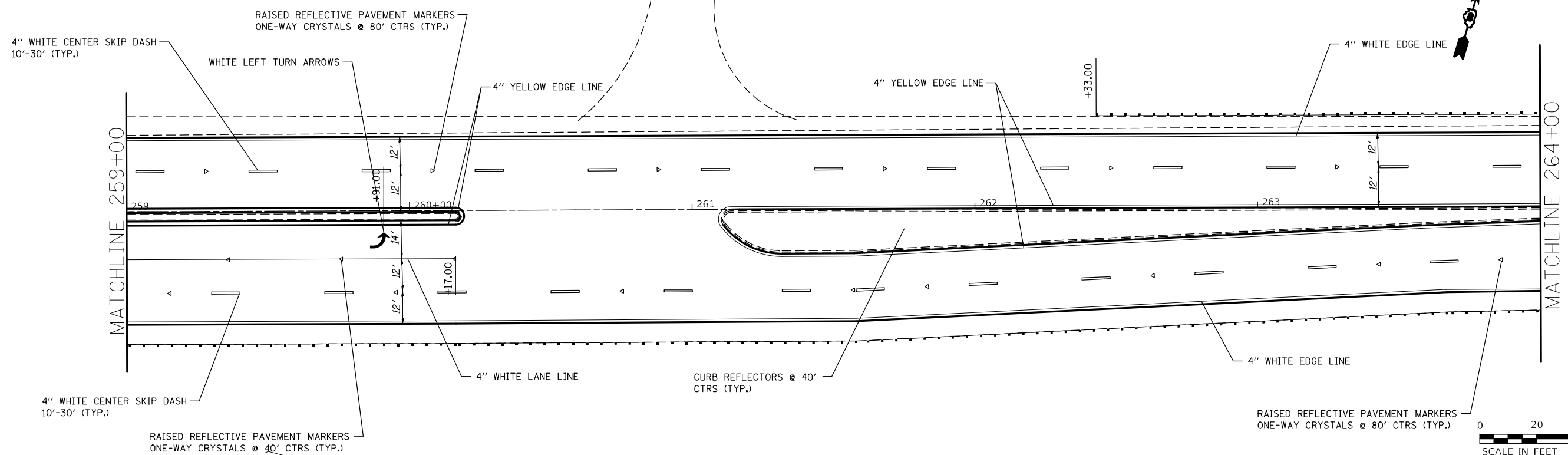
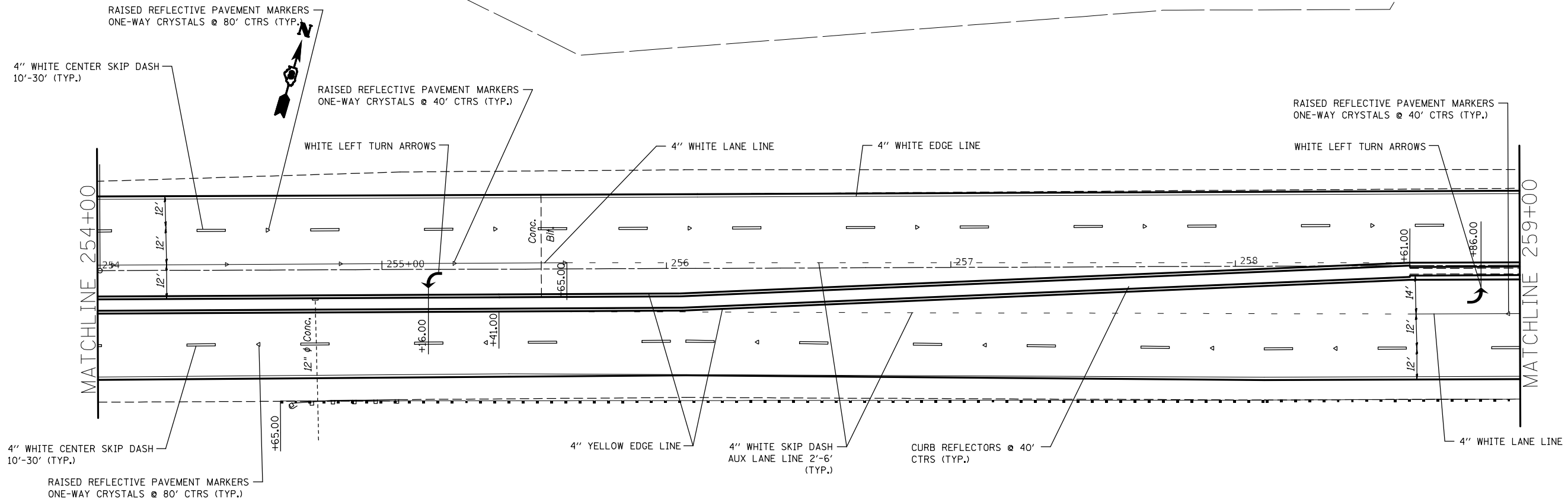
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Default	PLOT DATE = 3/9/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

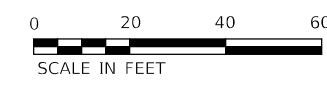
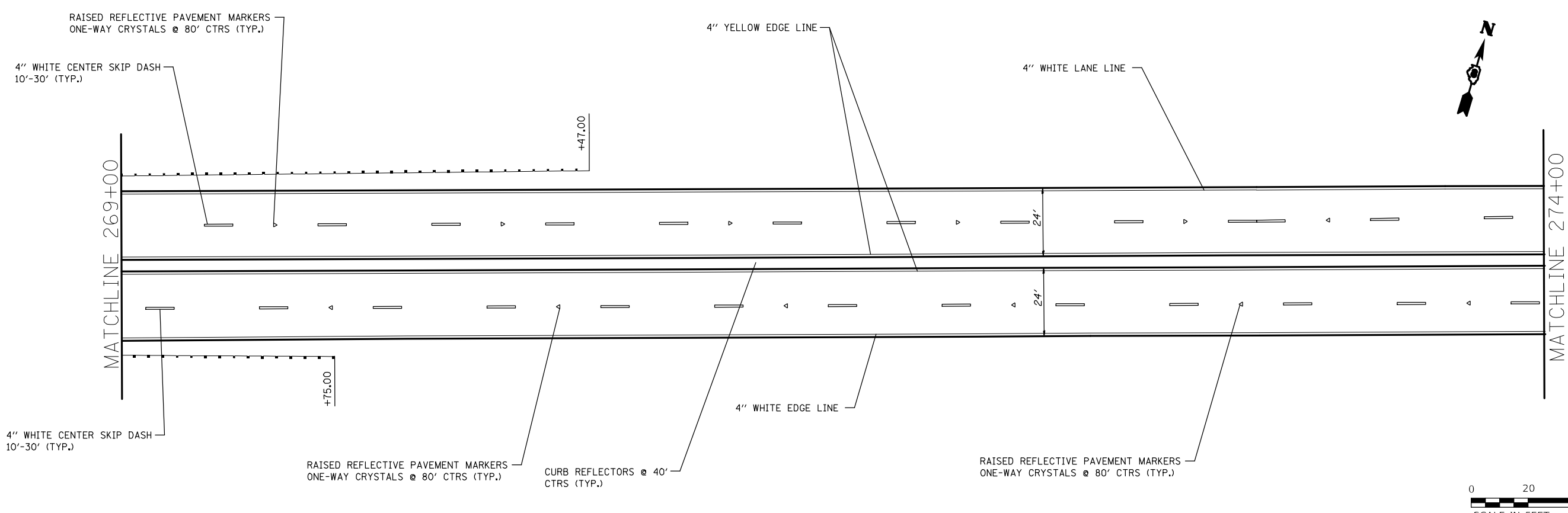
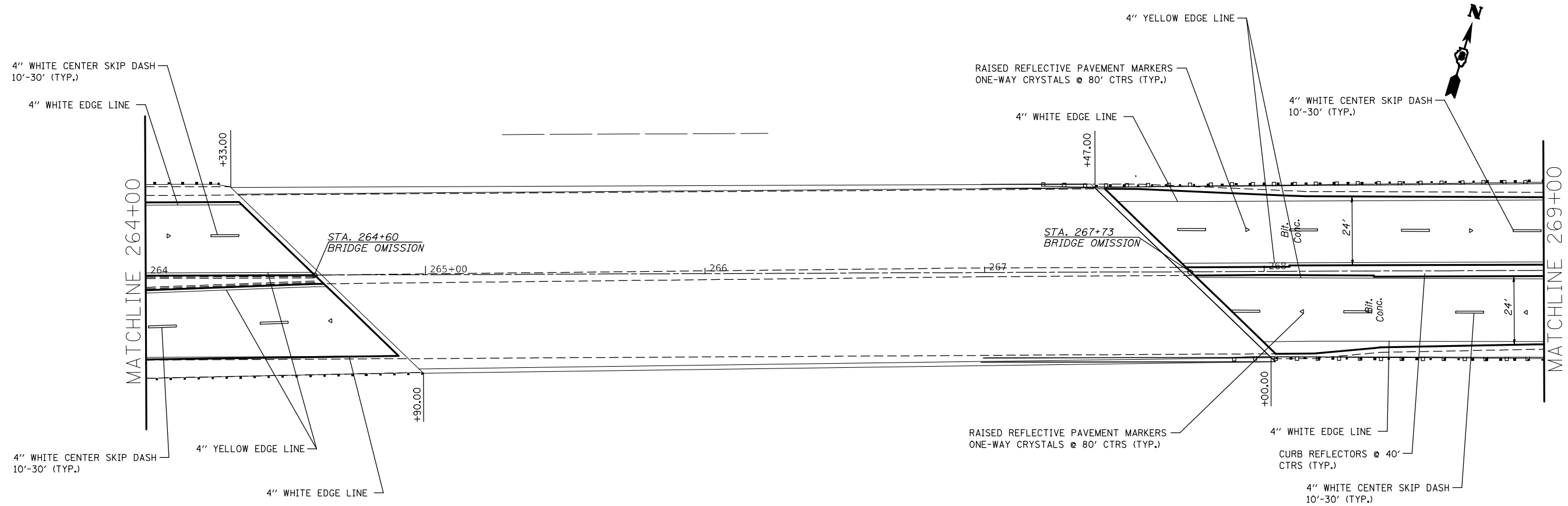
PAVEMENT MARKING SHEETS

SCALE: 20 SHEET 24 OF 27 SHEETS STA. 249+00 TO STA. 254+00

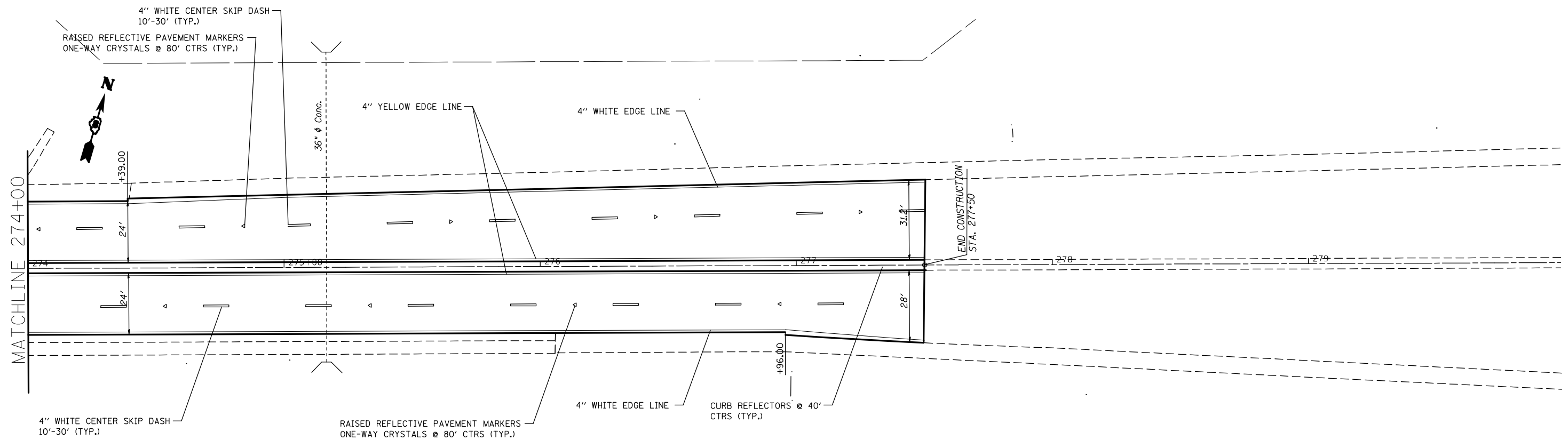
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
789	IRS-2	MADISON	89	74
CONTRACT NO. 76G57				
ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = alfordb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING SHEETS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 8\Projects\DRAD\87657\DRAD\87657-CAD\sheets\d876g57-sht-pm.dgn	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -					789	IRS-2	MADISON	89	75
Default	PLOT DATE = 3/9/2021	DATE -	REVISED -		SCALE: 20 SHEET 25 OF 27 SHEETS STA. 254+00 TO STA. 264+00			CONTRACT NO. 76G57				
											ILLINOIS FED. AID PROJECT	



FILE NAME =	USER NAME = alfordb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING SHEETS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 8\Projects\D87657\Drawings\CADsheets\d876g57-sht-pm.dgn		REVISIONS	REVISIONS		789	IRS-2	MADISON	89	76			
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 76G57							
	PLOT DATE = 3/9/2021	DATE -	REVISED -		SCALE: 20	SHEET 26	OF 27 SHEETS	STA. 264+00	TO STA. 274+00	ILLINOIS FED. AID PROJECT		



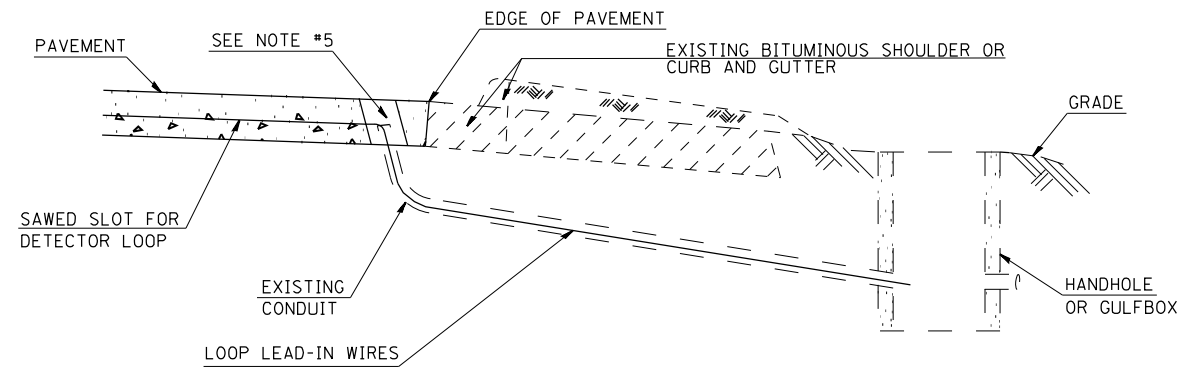
FILE NAME =	USER NAME = alfordb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING SHEETS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 8\Projects\D876657\Drawings\CADsheets\d876g57-sht-pm.dgn	PLANTING	REVISIONS	REVISIONS					789	IRS-2	MADISON	89	77
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		SCALE: 20 SHEET 27 OF 27 SHEETS STA. 274+00 TO STA. 277+50			CONTRACT NO. 76G57				
	PLOT DATE = 3/9/2021	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

NOTES:

SEE TABLE "DETECTOR LOOP REQUIREMENTS AND CALCULATIONS"
FOR LOOP SIZE AND CALCULATED NUMBER OF TURNS.

SEE "DETAIL A" FOR INSTALLING DETECTOR LOOP WIRES
IN EXISTING CONDUITS.

SCHEDULE OF QUANTITIES			TOTAL QUANTITIES	IL 003 & ALBY ST.	IL 003 & ALTON SQ. MALL DR.	IL 003 & BUCKMASTER LN.	IL 003 & GOLF RD.	IL 003 & MORINNGSTAR	IL 003 HUMERT ST. & WASHINGTON AVE.	IL 003 & SEMINARY ST.	IL 003 & BLOOMER DR.
CODE NO	ITEM	UNIT									
80900100	LOCATING UNDERGROUND CABLE	FOOT	380	70	50	40	30	50	80	20	40
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	80						80		
87304215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	106						106		
87602000	PEDESTRIAN PUSH-BUTTON POST	EACH	2						2		
88600600	DETECTOR LOOP REPLACEMENT	FOOT	11752	2143	1632	1206	1250	870	2264	1120	1266
87900200	DRILL EXISTING HANDHOLE	EACH	2						2		
88800100	PEDESTRIAN PUSH-BUTTON	EACH	4						4		
X1400031	REMOVE PEDESTRIAN PUSH-BUTTON	EACH	2						2		



DETAIL A
(NO SCALE)

INSTALLING DETECTOR LOOP WIRES IN EXISTING CONDUIT

1. DRILL OUT PAVEMENT SEALANT AND CLEAN EXISTING CONDUIT.
2. REMOVE EXISTING DETECTOR LOOP WIRES TO HANDHOLE OR GULFBOX.
3. INSTALL NEW LOOP LEAD-IN WIRES IN EXISTING CONDUIT.
4. SPLICE NEW DETECTOR LOOP WIRES TO EXISTING LOOP LEAD-IN CABLE IN HANDHOLE OR GULFBOX.
5. FILL HOLE WITH APPROVED SEALER. PREVENT SEALER FROM ENTERING INTO CONDUIT.
6. LOCATING UNDERGROUND CABLE WILL BE PAID FOR SEPARATELY.

NOT A PAY ITEM. THE COST OF THIS WORK SHALL BE
INCLUDED IN THE PAY ITEM "DETECTOR LOOP REPLACEMENT"

DETECTOR LOOP REPLACEMENT LEGEND

- ☒ EX. HANDHOLE
- EX. DETECTOR LOOP
- ☒ EX. TRAFFIC SIGNAL CONTROLLER
- EXISTING CONDUIT
- ▭ PROPOSED DETECTOR LOOP

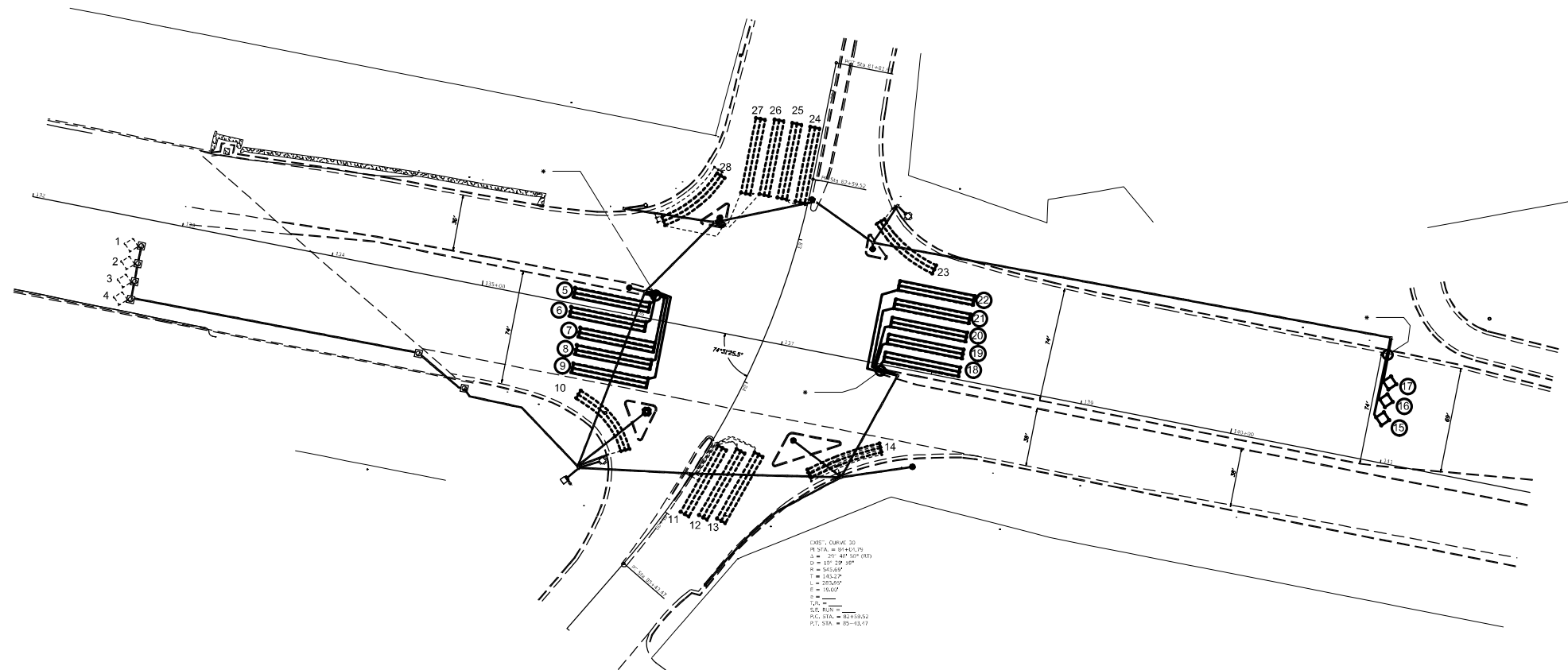
DETECTOR LOOP REQUIREMENTS AND CALCULATIONS
FOR IL 003 & ALBY ST.

LOOP#	PHASE #	LOOP SIZE (FT. X FT.)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES	CALCULATED RESISTANCE OHMS
1. EB CCO A	6	6 X 6	6	337.2	2.2
2. EB CCO B	6	6 X 6	6	335.4	2.2
3. EB CCO C	6	6 X 6	6	333.4	2.1
4. EB CCO D	6	6 X 6	6	331.4	2.1
5. EB LT CD A	1	6 X 50-Q	3-6-3	822.5	2.4
6. EB LT CD B	1	6 X 50-Q	3-6-3	825.8	2.5
7. EB THRU CD A	6	6 X 50-Q	3-6-3	829.3	2.6
8. EB THRU CD B	6	6 X 50-Q	3-6-3	832.9	2.7
9. EB THRU CD C	6	6 X 50-Q	3-6-3	836.4	2.7
10. EB RT CD	6	6 X 50-Q	3-6-3	798.5	1.9
11. NB LT CD	3	6 X 50-Q	3-6-3	810.9	2.2
12. NB THRU CD A	3	6 X 50-Q	3-6-3	819.0	2.3
13. NB THRU CD B	3	6 X 50-Q	3-6-3	821.6	2.4
14. NB RT CD	3	6 X 50-Q	3-6-3	833.5	2.7
15. WB CCO A	2	6 X 6	7	531.7	4.2
16. WB CCO B	2	6 X 6	7	528.8	4.1
17. WB CCO C	2	6 X 6	7	526.2	4.1
18. WB LT CD A	5	6 X 50-Q	3-6-3	851.8	3.1
19. WB LT CD B	5	6 X 50-Q	3-6-3	857.3	3.2
20. WB THRU CD A	2	6 X 50-Q	3-6-3	855.5	3.2
21. WB THRU CD B	2	6 X 50-Q	3-6-3	861.9	3.3
22. WB THRU CD C	2	6 X 50-Q	3-6-3	866.1	3.4
23. WB RT CD	2	6 X 50-Q	3-6-3	872.5	3.6
24. SB LT CD A	4	6 X 50-Q	3-6-3	852.9	3.1
25. SB LT CD B	4	6 X 50-Q	3-6-3	855.7	3.2
26. SB THRU CD A	4	6 X 50-Q	3-6-3	843.9	2.9
27. SB THRU CD B	4	6 X 50-Q	3-6-3	841.9	2.9
28. SB RT CD	4	6 X 50-Q	3-6-3	845.6	2.9

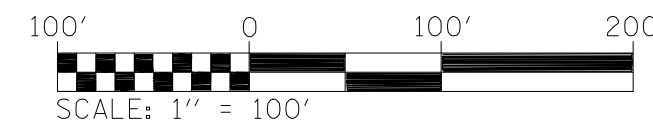
THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.

Q=QUADRAPOLE

* -SEE DETAIL A



IL 003 & ALBY ST.



FILE NAME =	USER NAME = alfordb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN 1 OF 6	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 8\Projects\0876657\DR\Drawings\CAB\sheets\d876657-sht-TS.dgn	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -			789	IRS-2	MADISON	89	79	
PLOT DATE = 3/9/2021	DATE -	REVISED -	SCALE:			SHEET NO. 2 OF 7 SHEETS	STA.	TO STA.	CONTRACT NO. 76G57		
									ILLINOIS FED. AID PROJECT		

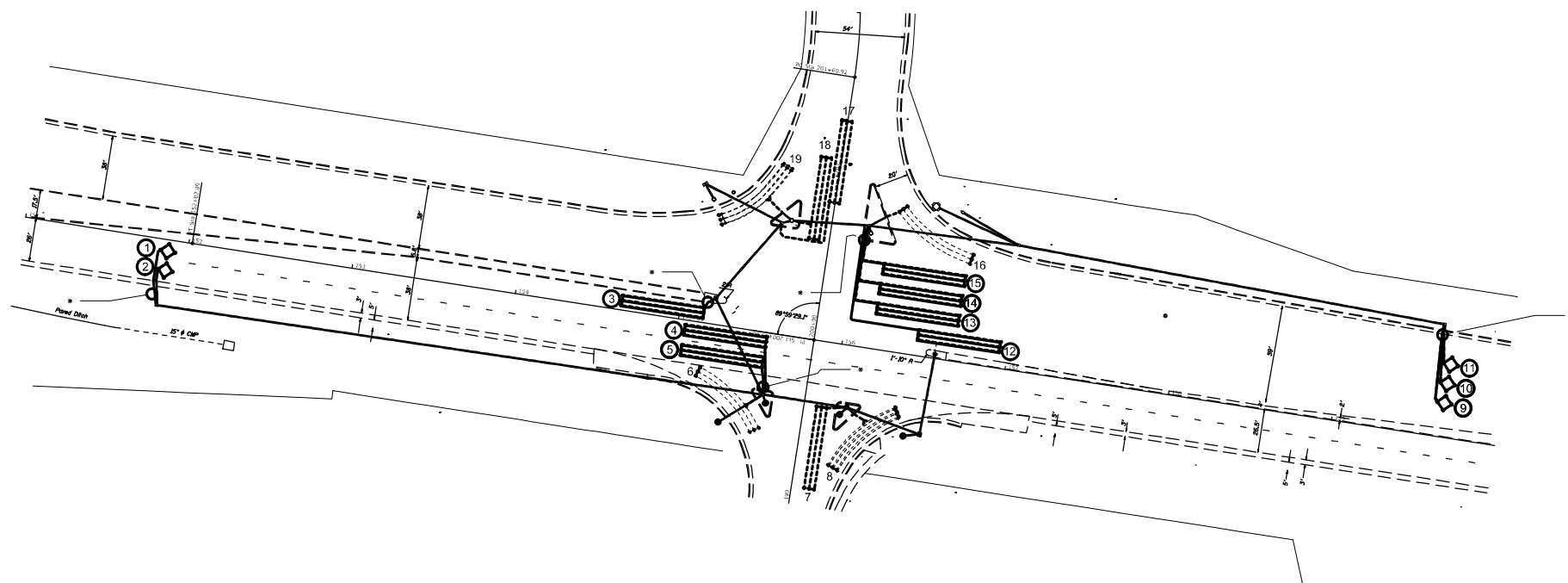
DETECTOR LOOP REQUIREMENTS AND CALCULATIONS
FOR IL 003 & ALTON SQUARE MALL DR.

LOOP#	PHASE #	LOOP SIZE (FT. X FT.)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES	CALCULATED RESISTANCE OHMS
1. EB CCO A	6	6 X 6	7	501.1	3.5
2. EB CCO B	6	6 X 6	7	498.5	3.4
3. EB LT CD	6	6 X 50-Q	3-6-3	832.6	2.7
4. EB THRU CD	6	6 X 50-Q	3-6-3	837.0	2.8
5. EB THRU CD B	1	6 X 50-Q	3-6-3	834.4	2.7
6. EB RT CD	1	6 X 50-Q	3-6-3	833.4	2.7
7. NB THRU-LT CD	6	6 X 50-Q	3-6-3	857.3	3.2
8. NB RT CD	6	6 X 50-Q	3-6-3	857.9	3.2
9. WB CCO A	6	6 X 6	6	301.5	1.4
10. WB CCO B	6	6 X 6	6	369.1	3.0
11. WB CCO C	3	6 X 6	6	366.4	2.9
12. WB LT CD A	3	6 X 50-Q	3-6-3	834.4	2.7
13. WB THRU CD B	3	6 X 50-Q	3-6-3	825.6	2.5
14. WB THRU CD C	3	6 X 50-Q	3-6-3	822.7	2.4
15. WB THRU CD C	2	6 X 50-Q	3-6-3	820.1	2.4
16. WB RT CD	2	6 X 50-Q	3-6-3	817.0	2.3
17. SB LT CD	2	6 X 50-Q	3-6-3	926.4	4.8
18. SB THRU CD	5	6 X 50-Q	3-6-3	916.2	4.6
19. SB RT CD	5	6 X 50-Q	3-6-3	918.0	4.6

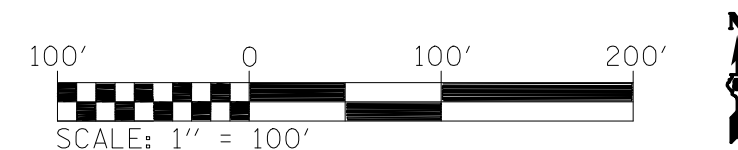
THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.

Q=QUADRAPOLE

* =SEE DETAIL A



IL 003. & ALTON SQUARE MALL DR.



FILE NAME =	USER NAME = alfordb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN 2 OF 6			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 8\Projects\0876657\DRAND\cabsheets\d876g57-sht-TS.dgn		CHECKED -	REVISED -		789	IRS-2	MADISON	89	80			
PLOT SCALE = 100.0000' / in.		DATE -	REVISED -		SCALE: SHEET NO. 3 OF 7 SHEETS STA. TO STA.			CONTRACT NO. 76G57				
PLOT DATE = 3/9/2021								ILLINOIS FED. AID PROJECT				

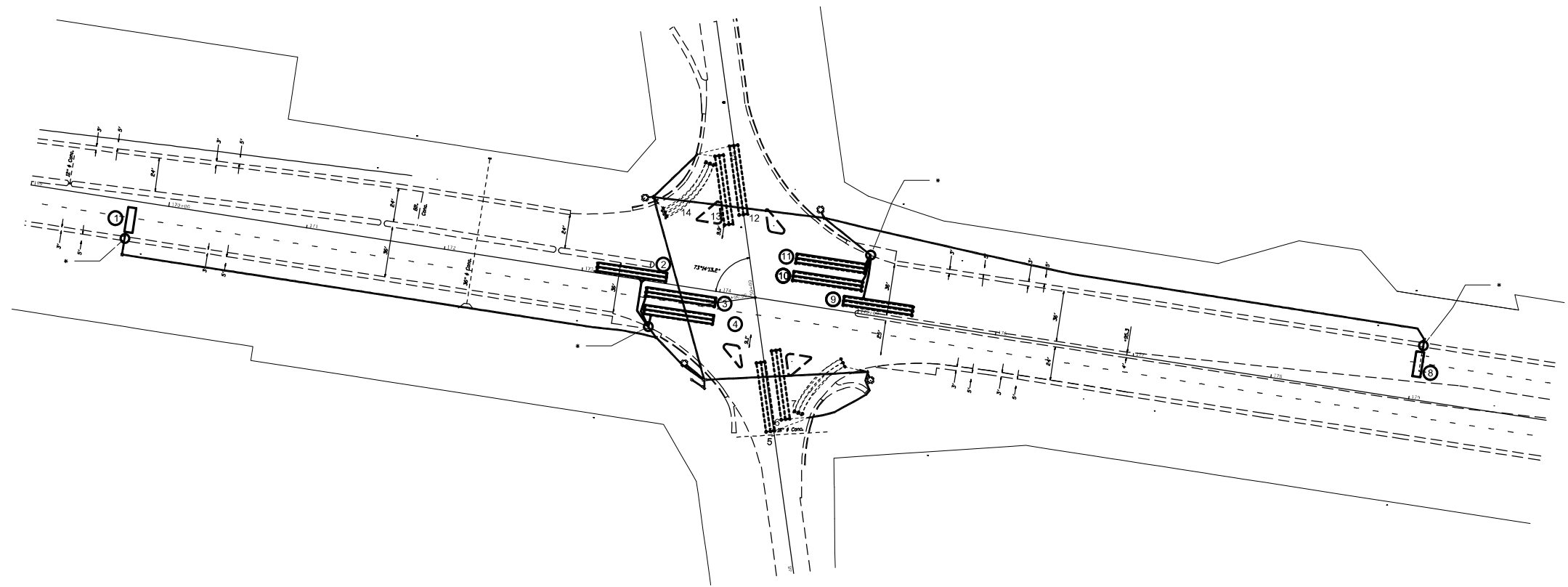
DETECTOR LOOP REQUIREMENTS AND CALCULATIONS
FOR IL 003 & BUCKMASTER LN.

LOOP#	PHASE #	LOOP SIZE (FT. X FT.)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES	CALCULATED RESISTANCE OHMS
1. EB CCO	6	6 X 18	6	620.0	3.2
2. EB LT CD	1	6 X 50-Q	3-6-3	814.2	2.2
3. EB THRU CD A	6	6 X 50-Q	3-6-3	810.4	2.1
4. EB THRU CD B	6	6 X 50-Q	3-6-3	807.1	2.1
5. NB LT CD	7	6 X 50-Q	3-6-3	836.6	2.7
6. NB THRU CD	4	6 X 50-Q	3-6-3	833.7	2.7
7. NB RT CD	4	6 X 50-Q	3-6-3	823.0	2.4
8. WB CCO	2	6 X 18	6	677.2	4.5
9. WB LT CD	5	6 X 50-Q	3-6-3	868.3	3.5
10. WB THRU CD A	2	6 X 50-Q	3-6-3	865.4	3.4
11. WB THRU CD B	2	6 X 50-Q	3-6-3	862.6	3.3
12. SB LT CD	3	6 X 50-Q	3-6-3	838.1	2.8
13. SB THRU CD	8	6 X 50-Q	3-6-3	835.7	2.7
14. SB RT CD	8	6 X 50-Q	3-6-3	823.8	2.5

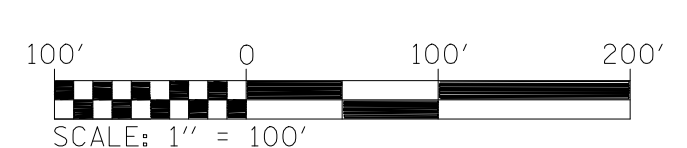
THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.

Q=QUADRAPOLE

• =SEE DETAIL A



IL 003. & BUCKMASTER LN.



FILE NAME	USER NAME = alfordb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN 3 OF 6			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 8\Projects\D87657\Drawings\CABsheets\d876g57-sht-TS.dgn					REVISED -	789	IRS-2	MADISON	89	81		
PLOT SCALE = 100.0000' / in.					CHECKED -	SCALE:			SHEET NO. 4 OF 7 SHEETS		STA. TO STA.	
PLOT DATE = 3/9/2021					DATE -	ILLINOIS FED. AID PROJECT			CONTRACT NO. 76G57			

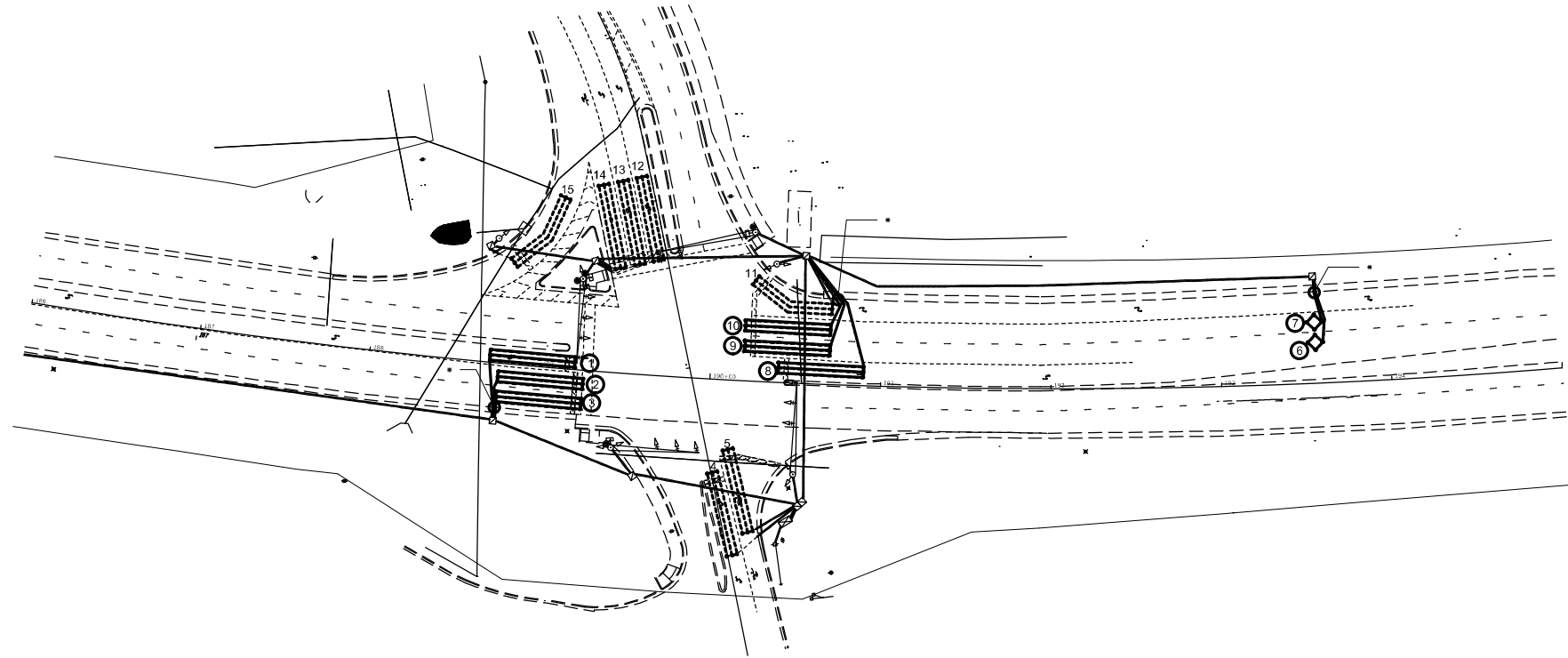
DETECTOR LOOP REQUIREMENTS AND CALCULATIONS
FOR IL 003 & GOLF RD.

LOOP#	PHASE #	LOOP SIZE (FT. X FT.)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES	CALCULATED RESISTANCE OHMS
1. EB LT CD	5	6 X 50-Q	3-6-3	841.9	2.9
2. EB THRU CD A	2	6 X 50-Q	3-6-3	383.6	2.8
3. EB THRU CD B	2	6 X 50-Q	3-6-3	895.3	2.7
4. NB LT CD	3	6 X 50-Q	3-6-3	801.0	1.9
5. NB THRU CD	8	6 X 50-Q	3-6-3	797.7	1.9
6. WB CCO A	6	6 X 6	6	367.5	2.9
7. WB CCO B	6	6 X 6	6	364.9	2.9
8. WB LT CD	11	6 X 50-Q	3-6-3	840.1	2.8
9. WB THRU CD A	6	6 X 50-Q	3-6-3	836.8	2.7
10. WB THRU CD B	6	6 X 50-Q	3-6-3	833.7	2.7
11. WB RT CD	6	6 X 50-Q	3-6-3	830.4	2.6
12. SB LT CD	7	6 X 50-Q	3-6-3	859.5	3.3
13. SB THRU CD A	4	6 X 50-Q	3-6-3	856.8	3.2
14. SB THRU CD B	4	6 X 50-Q	3-6-3	854.2	3.1
15. SB RT CD	4	6 X 50-Q	3-6-3	868.5	3.5

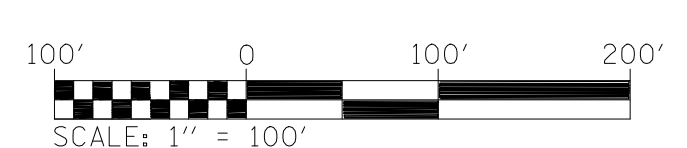
THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.

Q=QUADRAPOLE

• =SEE DETAIL A



IL 003 & GOLF RD.



FILE NAME	USER NAME = alfordb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN 4 OF 6			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\planning\dot.illinois.gov\IDOT\Documents\IDOT Offices\District 8\Projects\0876657\Drawings\CABsheets\d876657-sht-TS.dgn					REVISED -	789	IRS-2	MADISON	89	82		
PLOT SCALE = 100.0000' / in.					CHECKED -	CONTRACT NO. 76G57			ILLINOIS FED. AID PROJECT			
PLOT DATE = 3/9/2021					DATE -	SCALE:	SHEET NO. 5 OF 7 SHEETS	STA.	TO STA.			

DETECTOR LOOP REQUIREMENTS AND CALCULATIONS
FOR IL 003 & MORNING STAR

LOOP#	PHASE#	LOOP SIZE (FT. X FT.)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES	CALCULATED RESISTANCE OHMS
1. EB CCO A	6	6 X 6	6	361.4	2.8
2. EB CCO B	6	6 X 6	6	358.1	2.7
3. EB CCO C	6	6 X 6	6	356.1	2.7
4. EB LT CD	1	6 X 50-Q	3-6-3	863.0	3.3
5. NB THRU CD	8	6 X 50-Q	3-6-3	795.7	1.8
6. NB RT CD	8	6 X 20-Q	3-6-3	794.8	1.5
7. WB CCO A	2	6 X 6	6	325.3	2.0
8. WB CCO B	2	6 X 6	6	322.2	1.9
9. WB CCO C	2	6 X 6	6	319.6	1.8
10. WB LT CD	5	6 X 50-Q	3-6-3	847.8	3.0
11. SB THRU CD	4	6 X 50-Q	3-6-3	852.4	3.1
12. SB RT CD	4	6 X 20-Q	3-6-3	848.9	3.0

THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.

Q=QUADRAPOLE

-SEE DETAIL A

TRAFFIC SIGNALS LEGEND

- EXISTING SIGNAL POST
- EXISTING TRAFFIC SIGNAL MAST ARM
- EXISTING HANDHOLE
- EXISTING DOUBLE HANDHOLE
- EXISTING DETECTOR LOOP
- EXISTING CONTROLLER
- EXISTING SERVICE INSTALLATION
- EXISTING SIGNAL HEAD, PEDESTRIAN
- EXISTING PEDESTRIAN PUSHBUTTON DETECTOR
- EXISTING CONDUIT
- PROPOSED DETECTOR LOOP
- PROPOSED PEDESTRIAN PUSHBUTTON DETECTOR
- PROPOSED CONDUIT

DETECTOR LOOP REQUIREMENTS AND CALCULATIONS
FOR IL 003 & WASHINGTON AVE.

LOOP#	PHASE#	LOOP SIZE (FT. X FT.)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES	CALCULATED RESISTANCE OHMS
1. EB CCO A	5	6 X 6	6	372.1	3.0
2. EB CCO B	5	6 X 6	6	369.3	3.0
3. EB CCO C	5	6 X 6	6	366.2	2.9
4. EB LT CD	1	6 X 50-Q	3-6-3	848.5	3.0
5. NB LT CD	3	6 X 50-Q	3-6-3	848.7	3.0
6. NB THRU CD A	8	6 X 50-Q	3-6-3	826.6	2.3
7. NB THRU CD B	8	6 X 50-Q	3-6-3	815.3	2.3
8. NB RT CD	8	6 X 50-Q	3-6-3	800.1	1.9
9. WB CCO A	2	6 X 6	7	512.3	3.7
10. WB CCO B	2	6 X 6	7	509.9	3.7
11. WB CCO C	2	6 X 6	7	506.0	3.6
12. WB LT CD	5	6 X 50-Q	3-6-3	821.6	2.4
13. SB LT CD	7	6 X 50-Q	3-6-3	833.7	2.7
14. SB THRU CD A	4	6 X 50-Q	3-6-3	880.4	3.7
15. SB THRU CD B	4	6 X 50-Q	3-6-3	877.5	3.7
16. SB RT CD	4	6 X 50-Q	3-6-3	869.4	3.5

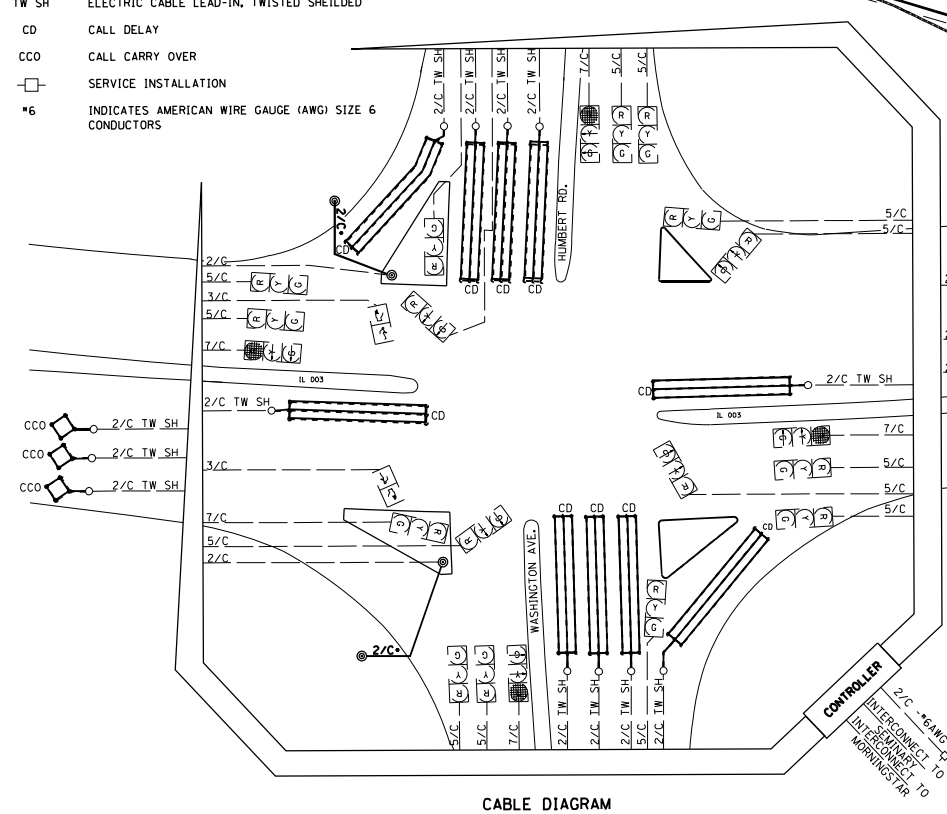
THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.

Q=QUADRAPOLE

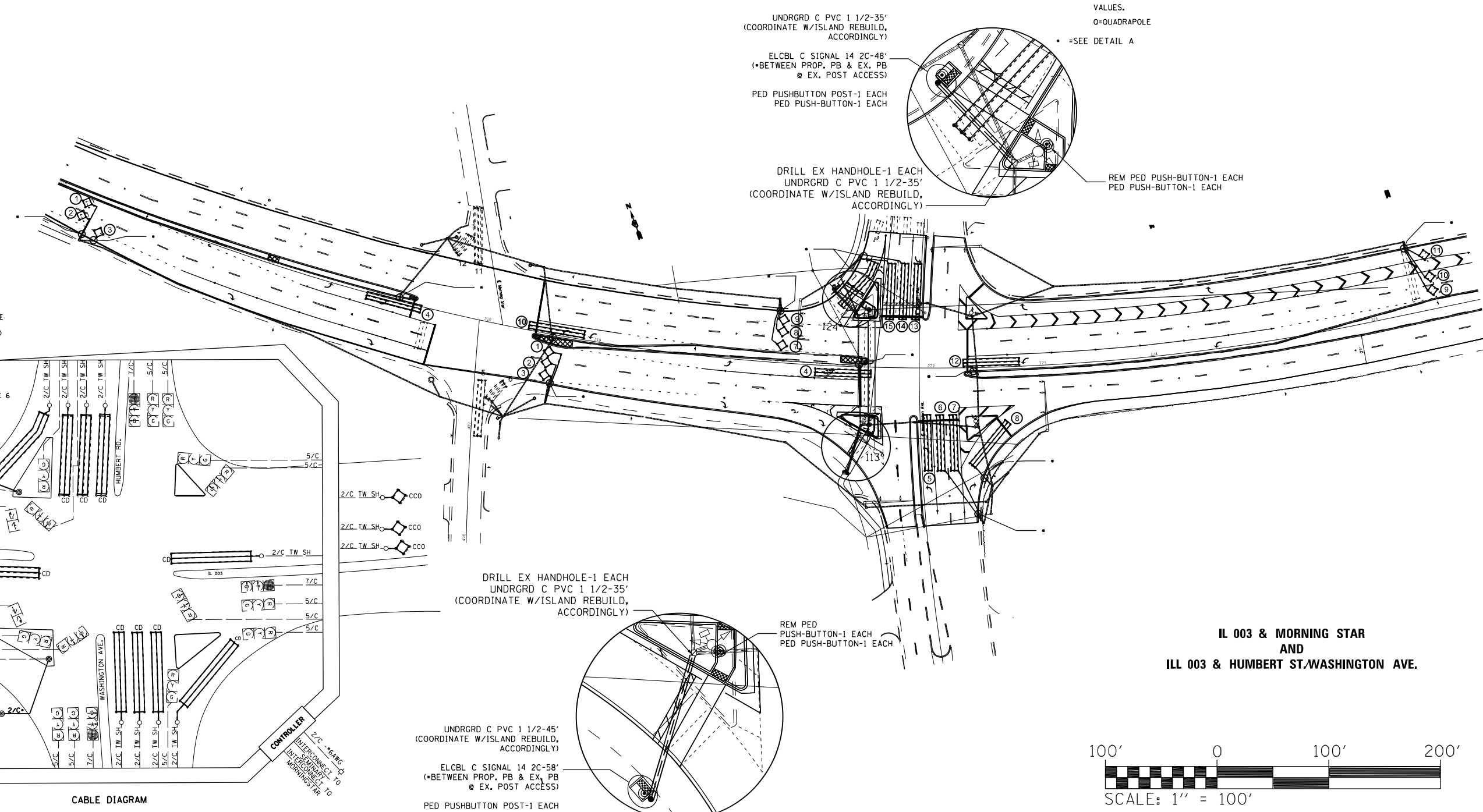
-SEE DETAIL A

CABLE DIAGRAM LEGEND

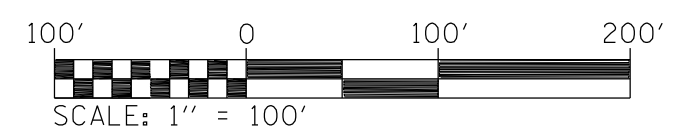
- ELECTRIC CABLE IN CONDUIT
- EXISTING ELECTRIC CABLE IN CONDUIT
- CABLE SPLICE (SEE GENERAL NOTES)
- 2/C INDICATES NUMBER OF CONDUCTORS IN CABLE
- TW SH ELECTRIC CABLE LEAD-IN, TWISTED SHIELDED
- CD CALL DELAY
- CCO CALL CARRY OVER
- SERVICE INSTALLATION
- *6 INDICATES AMERICAN WIRE GAUGE (AWG) SIZE 6 CONDUCTORS



CABLE DIAGRAM



IL 003 & MORNING STAR
AND
ILL 003 & HUMBERT ST./WASHINGTON AVE.



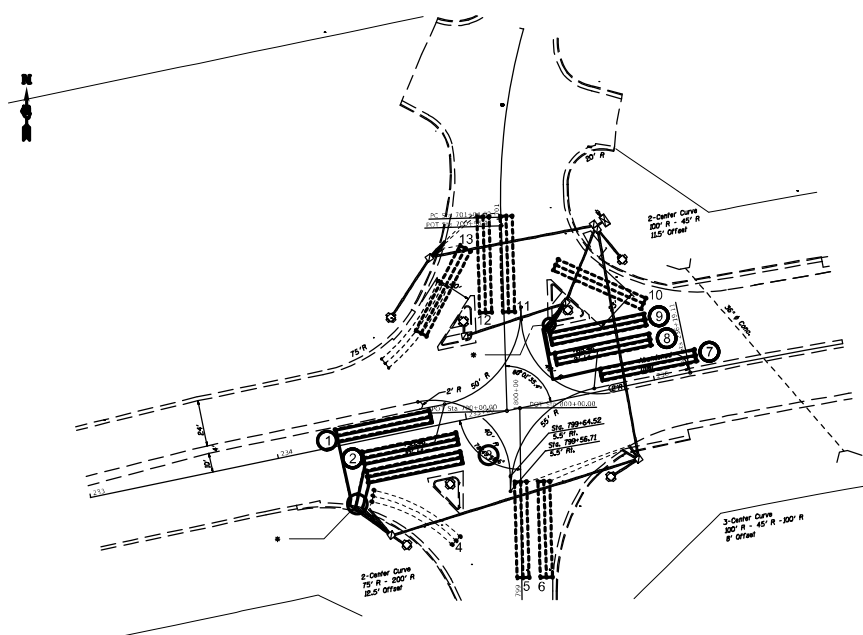
DETECTOR LOOP REQUIREMENTS AND CALCULATIONS
FOR IL 003 & SEMINARY ST.

LOOP#	PHASE #	LOOP SIZE (FT. X FT.)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES	CALCULATED RESISTANCE OHMS
1. EB LT CD	1	6 X 50-Q	3-6-3	861.7	3.3
2. EB THRU CD A	6	6 X 50-Q	3-6-3	858.6	3.2
3. EB THRU CD B	6	6 X 50-Q	3-6-3	856.0	3.2
4. EB RT CD	6	6 X 50-Q	3-6-3	853.1	3.1
5. NB LT CD	3	6 X 50-Q	3-6-3	832.2	2.6
6. NB THRU CD	3	6 X 50-Q	3-6-3	829.1	2.6
7. WB LT CD	5	6 X 50-Q	3-6-3	815.9	2.3
8. WB THRU CD A	2	6 X 50-Q	3-6-3	807.8	2.1
9. WB THRU CD B	2	6 X 50-Q	3-6-3	804.5	2.0
10. WB RT CD	2	6 X 50-Q	3-6-3	803.4	2.0
11. SB LT CD	4	6 X 50-Q	3-6-3	820.1	2.4
12. SB THRU CD	4	6 X 50-Q	3-6-3	817.7	2.3
13. SB RT CD	4	6 X 50-Q	3-6-3	814.4	2.2

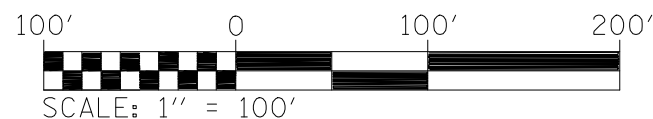
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Q=QUADRAPOLE

• -SEE DETAIL A

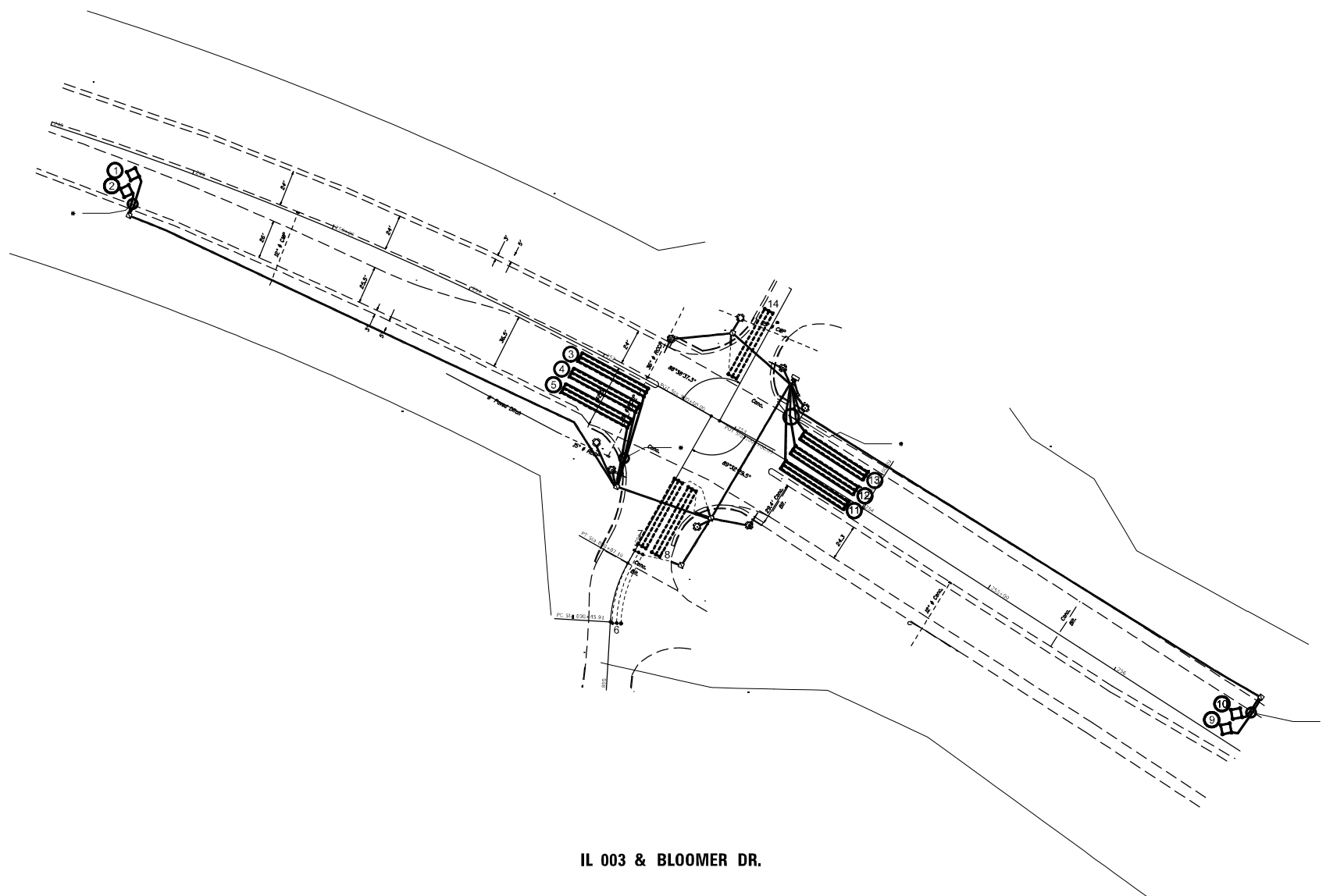


IL 003 & SEMINARY ST.

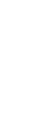
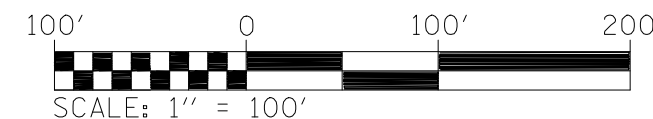


DETECTOR LOOP REQUIREMENTS AND CALCULATIONS
FOR IL 003 & BLOOMER DR.

LOOP#	PHASE #	LOOP SIZE (FT. X FT.)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES	CALCULATED RESISTANCE OHMS
1. EB CCO A	6	6 X 6	7	500.0	3.5
2. EB CCO B	6	6 X 6	7	496.7	3.4
3. EB LT CD	1	6 X 50-Q	3-6-3	843.2	2.9
4. EB THRU CD A	6	6 X 50-Q	3-6-3	840.6	2.8
5. EB THRU CD B	6	6 X 50-Q	3-6-3	838.1	2.8
6. NB LT CD A	3	6 X 50-Q	3-6-3	819.9	2.4
7. NB LT CD B	3	6 X 50-Q	3-6-3	836.8	2.7
8. NB THRU CD	3	6 X 50-Q	3-6-3	834.8	2.7
9. WB CCO A	2	6 X 6	6	351.0	2.5
10. WB CCO B	2	6 X 6	6	347.9	2.5
11. WB LT CD	5	6 X 50-Q	3-6-3	801.6	1.9
12. WB THRU CD A	2	6 X 50-Q	3-6-3	799.4	1.9
13. WB THRU CD B	2	6 X 50-Q	3-6-3	797.7	1.9
14. SB RT CD	4	6 X 50-Q	3-6-3	808.4	2.1



IL 003 & BLOOMER DR.



FILE NAME	USER NAME = alfordb	DESIGNED -	REVISED -
p:\planning\dot.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 8\Projects\0876657\Drawings\CABsheets\0876657-sht-TS.dgn		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP REPLACEMENT PLAN
6 OF 6

SCALE: SHEET NO. 7 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
789	IRS-2	MADISON	89	84
CONTRACT NO. 76G57				
ILLINOIS FED. AID PROJECT				

EARTHWORK	
LOCATION	EARTH EXCAVATION
	CU YD
NW CORNER	1
SW CORNER	1
TOTAL	2
PAY	5

EROSION CONTROL/LANDSCAPING						
LOCATION	SEEDING CLASS 2A	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MULCH METHOD 1	PERIMETER EROSION BARRIER
	ACRE	POUND	POUND	POUND	ACRE	FOOT
NW CORNER	0.0009	0.08	0.08	0.08	0.0009	21
SW CORNER	0.001	0.09	0.09	0.09	0.0010	20
TOTAL	0.0019	0.17	0.17	0.17	0.0019	41
PAY	0.25	0.25	0.25	0.25	0.25	

23 23 23

SIDEWALK													
LOCATION	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5FG, MIX "E",	PROTECTIVE COAT	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	DETECTABLE WARNINGS	COMBINATION CURB AND GUTTER REMOVAL	CLASS B PATCHES, TYPE IV, 13 INCH	SAW CUTS	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	CONCRETE MEDIAN SURFACE, 4 INCH	ISLAND PAVEMENT REMOVAL
	POUND	TON	SQ YD	SQ FT	SQ FT	FOOT	SQ YD	FOOT	FOOT	FOOT	FOOT	SQ FT	SQ YD
NW CORNER			17	55	10	13				13.0			
NW MEDIAN	9	1	127	106	20		10	66	34.0		54.5	258	38
SW MEDIAN	15	2	113	96	20		17	53	34.5		54.0	257	51
SW CORNER			12	52	11				7.0				
CENTER MEDIAN	2	0.2	3				2		7.5			5	2
TOTAL	26	3.2	272	309	61	13	29	119	83.0	13.0	108.5	520	91
PAY		3											

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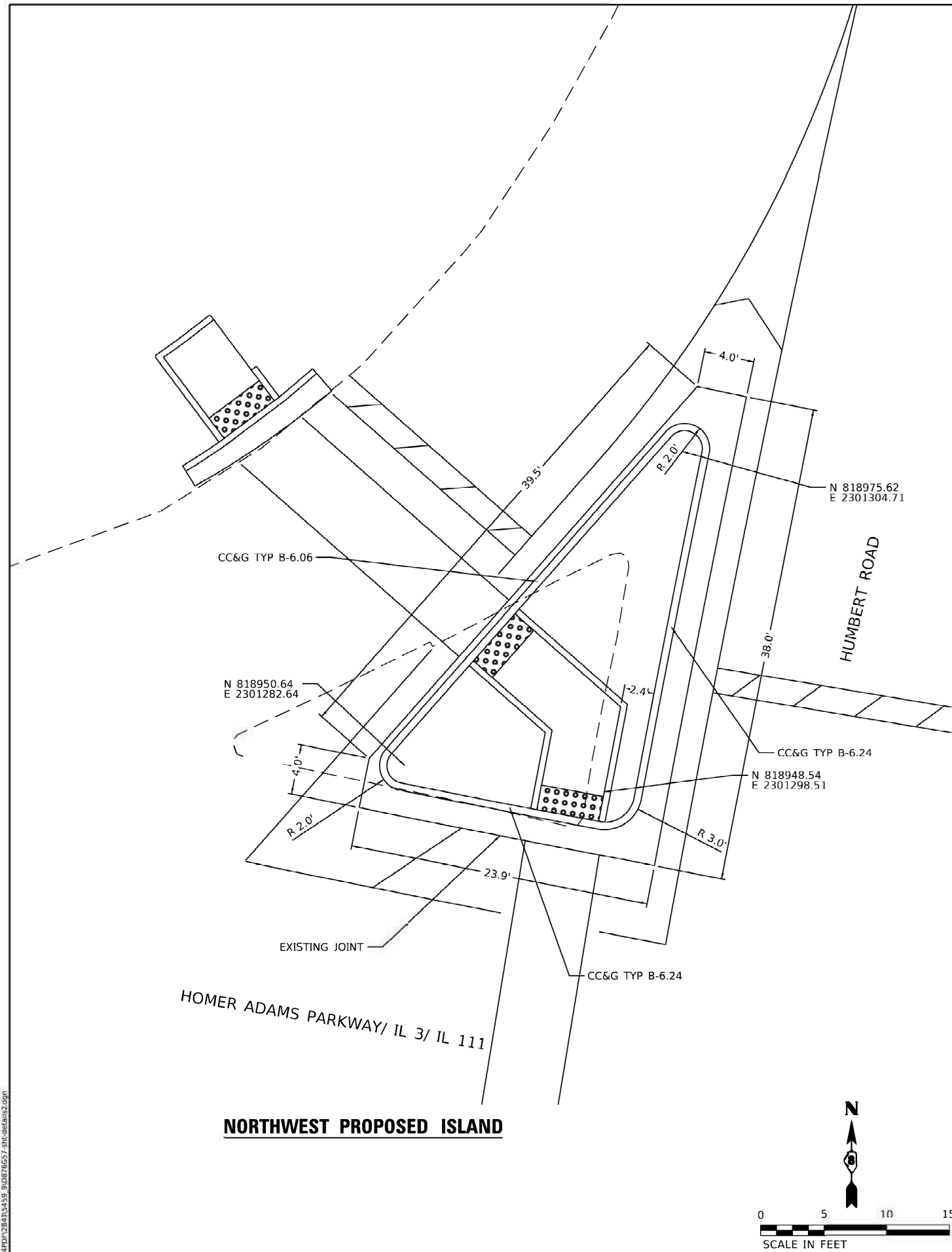
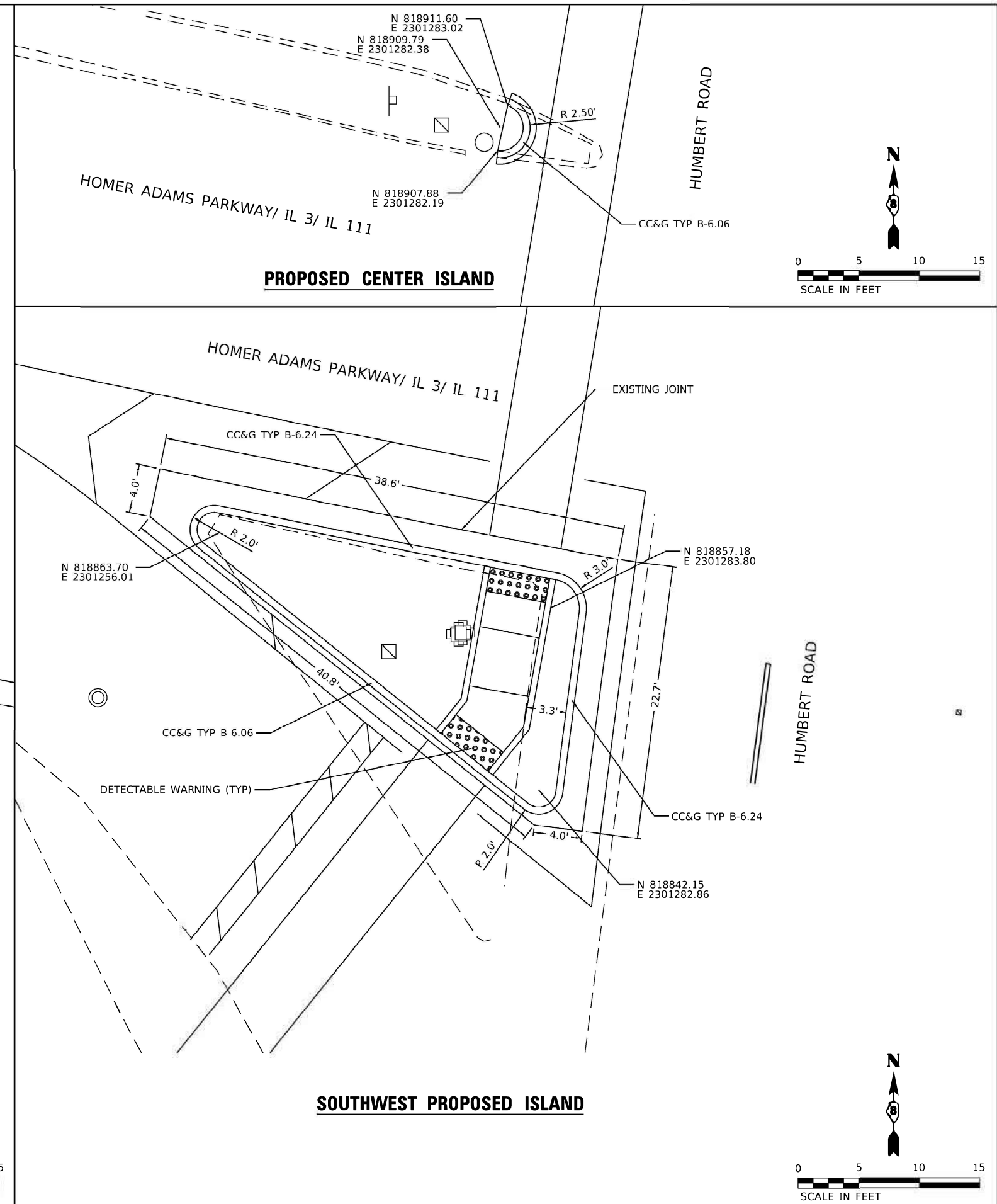
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	DRAWN - MLC	REVISED -
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PLOT DATE = 2/8/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES
HOMER ADANS PARKWAY/IL3/IL 111 AND HUMBERT RD**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	1RS-2	MADISON	89	85
			CONTRACT NO. D876G57	
ILLINOIS FED. AID PROJECT				



USER NAME = P W I S S	DESIGNED = TMG	RE VISED =
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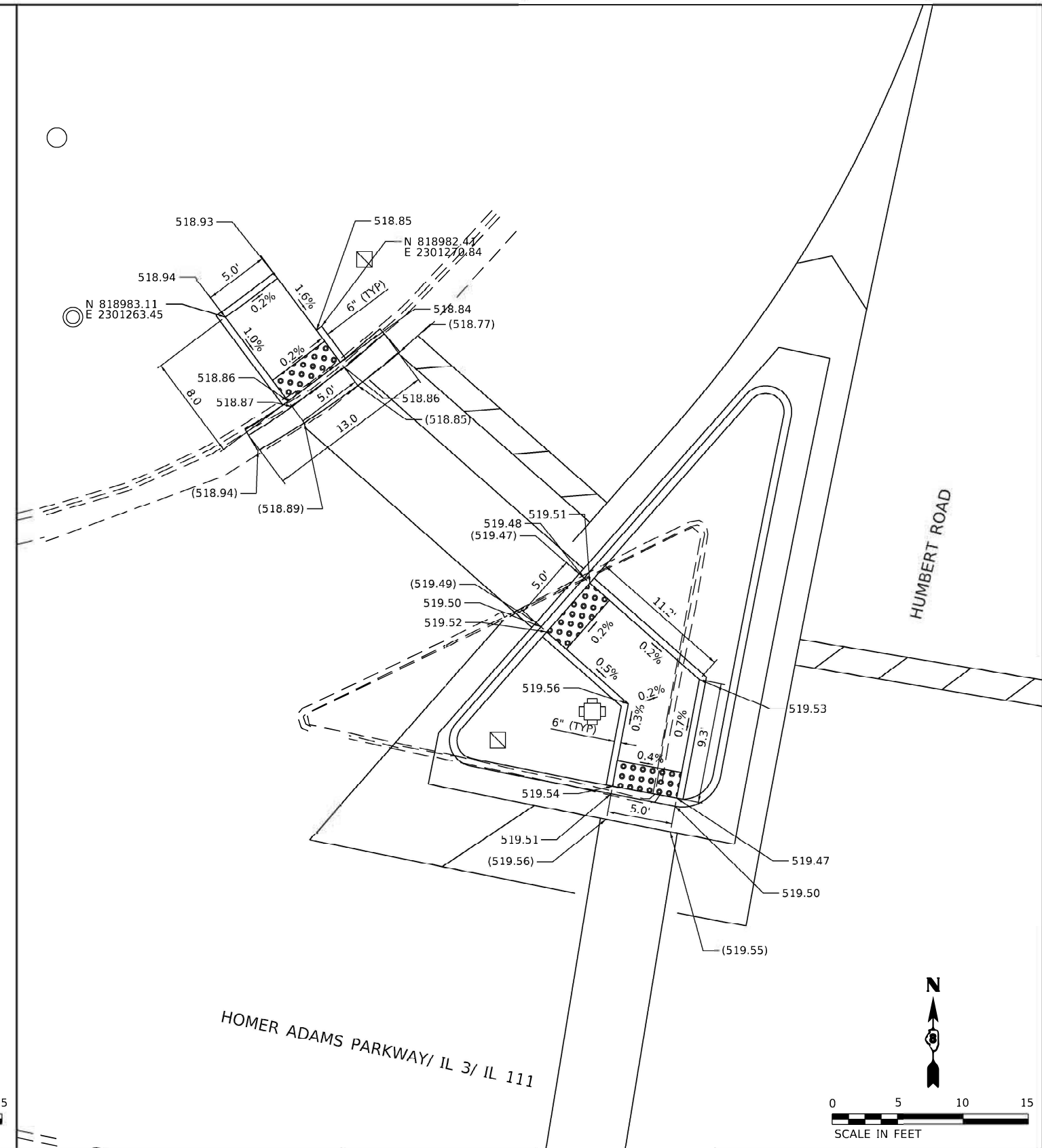
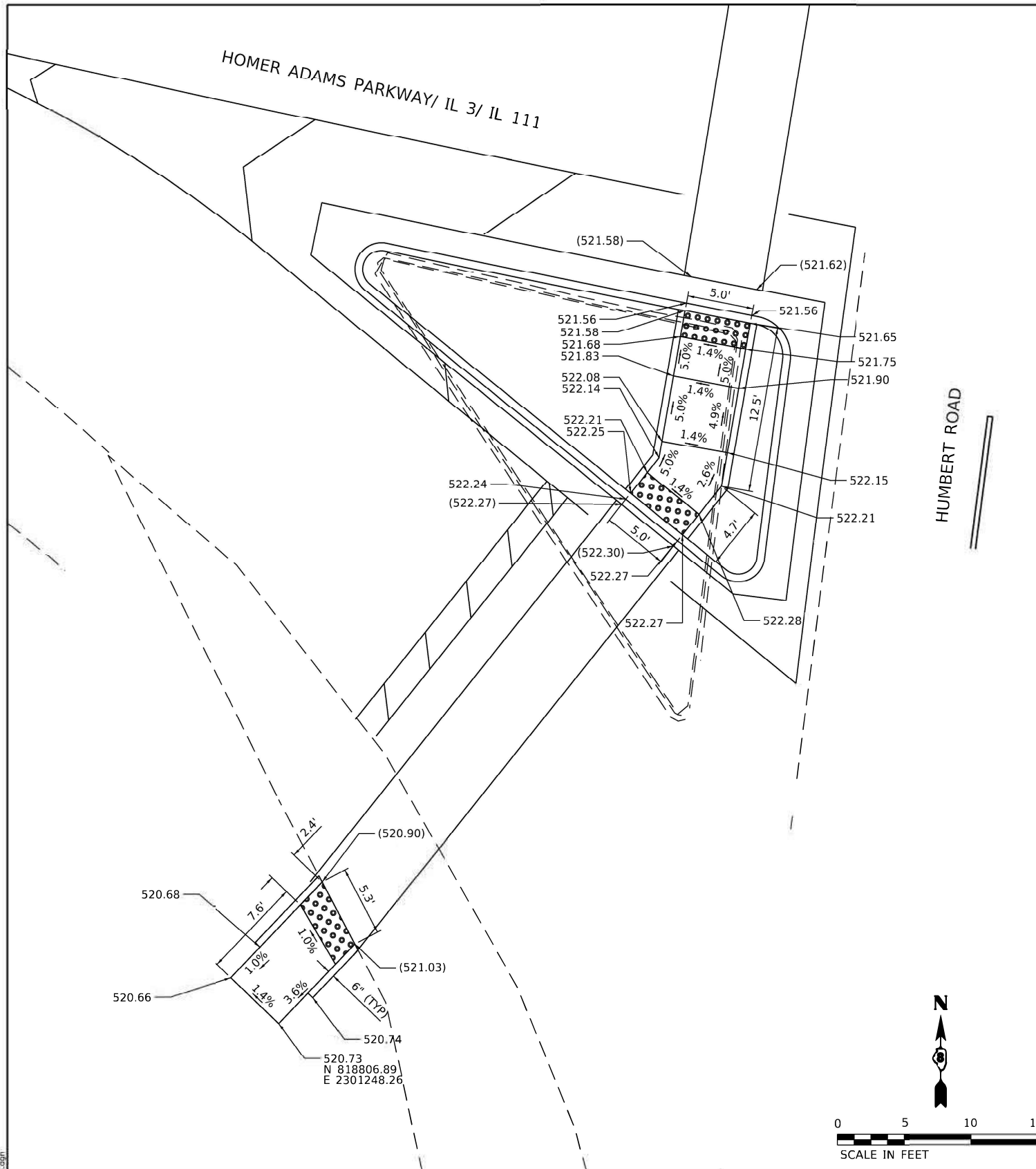
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ISLAND DETAILS
HOMER ADAMS PARKWAY/IL 3/IL 111**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
789	1RS-2	MADISON	89	86
CONTRACT NO. D876G57				
ILLINOIS FED. AID PROJECT				





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BENCHMARK
CHISELED SQUARE ON NORTH SIDE OF CONCRETE FOUNDATION
OF MAST ARM IN SOUTHEAST CORNER OF IL 3/IL111/HUMBERT ROAD

ELEV.: 518.85
N: 818823.6326
E: 2301434.6360

LEGEND

-  PROPOSED SIDE CURB
-  PROPOSED SIDEWALK
-  EXISTING ELEVATION/SLOPE
-  DETECTABLE WARNINGS

BENCHMARK
CHISELED SQUARE ON NORTH SIDE OF CONCRETE FOUNDATION
OF MAST ARM IN SOUTHEAST CORNER OF IL 3/IL111/HUMBERT ROAD

ELEV.: 518.85
N: 818823.6326
E: 2301434.6360

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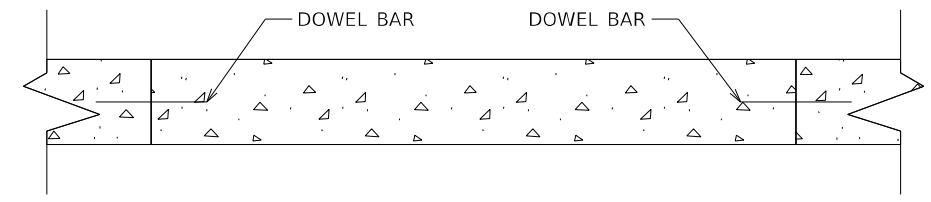
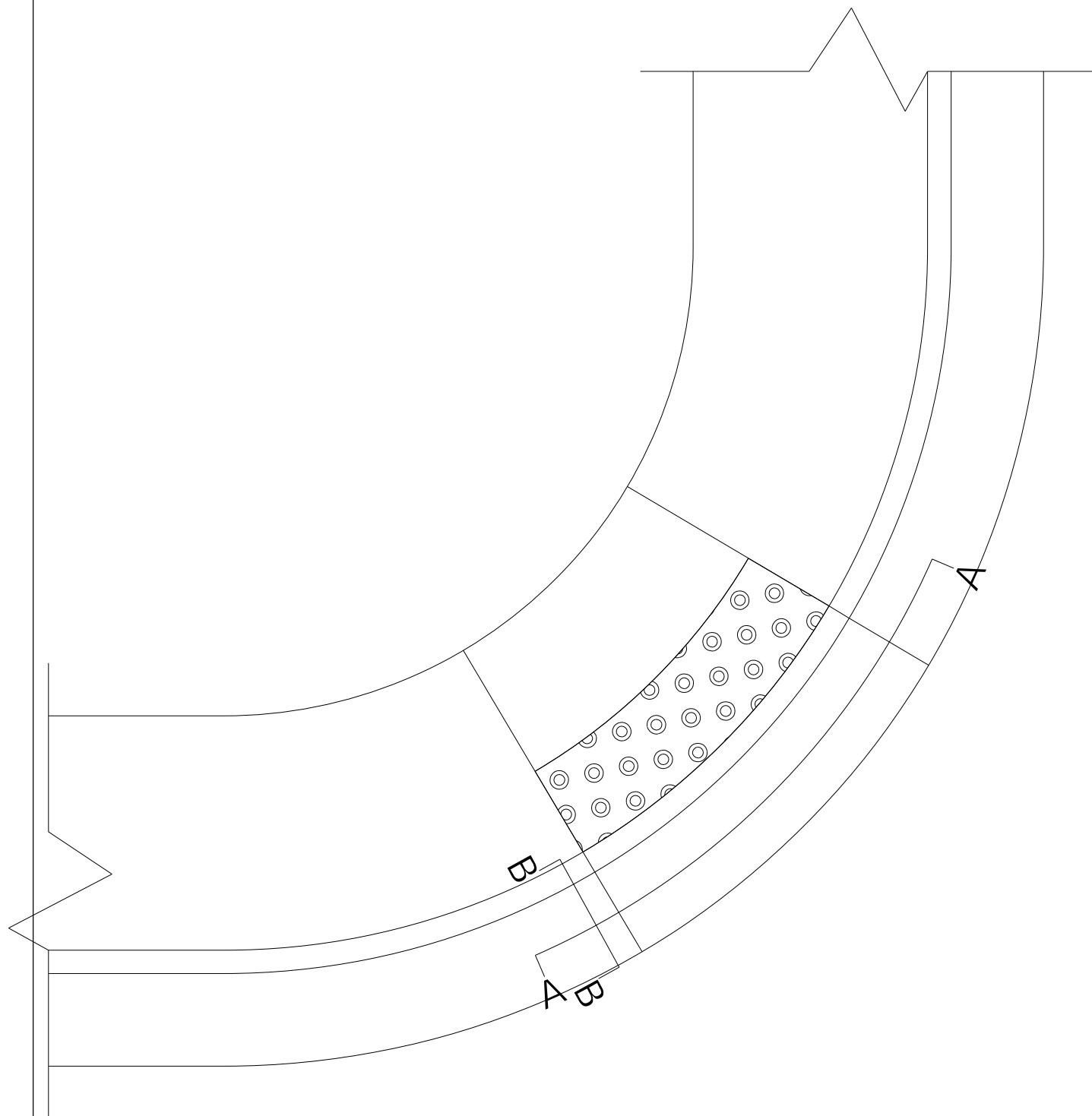
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PLOT SCALE = 10.0000' / 1"	DRAWN = MLC	REVISED =
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	DATE =	REVISED =

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

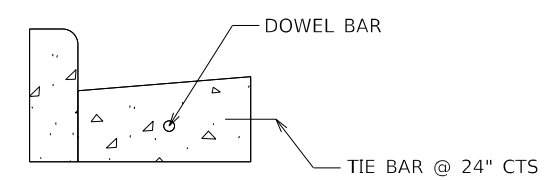
**SIDEWALK RAMP DETAILS
HOMER ADAMS PARKWAY/IL 3/IL 111 AND HUMBERT RD**

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

F.A.P. RTE. 789	SECTION 1RS-2	COUNTY MADISON	TOTAL SHEETS 09	SHEET NO. 07
CONTRACT NO. 876G57				
ILLINOIS FED. AID PROJECT				



SECTION A-A



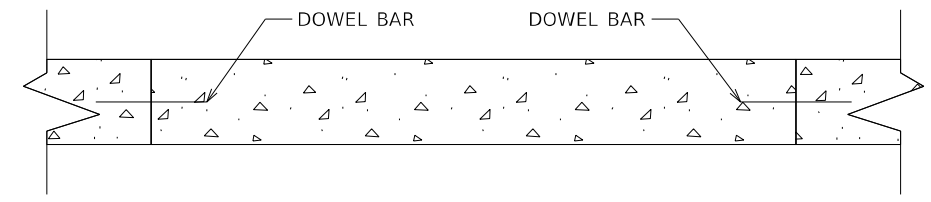
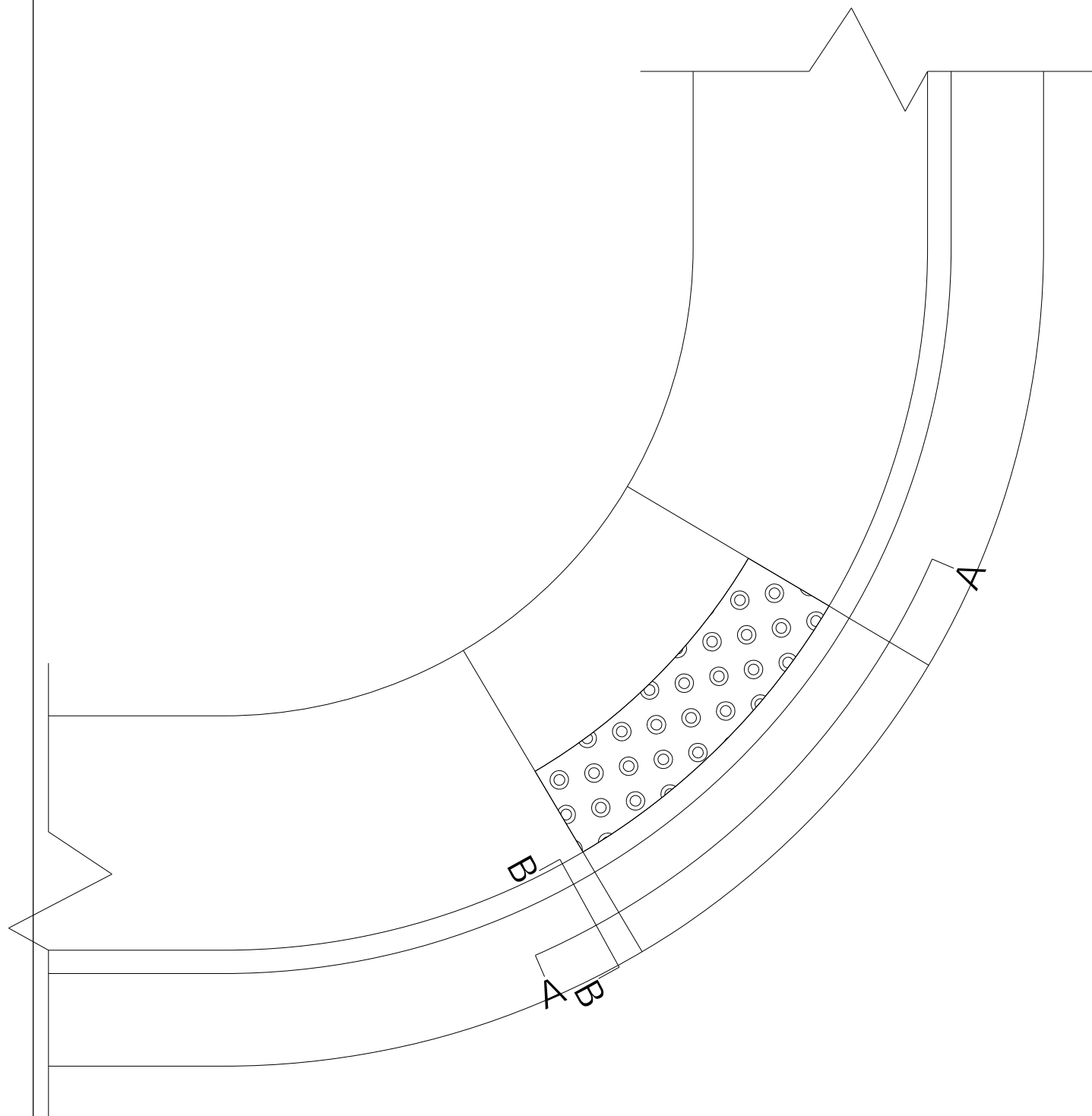
SECTION B-B

LOCATIONS

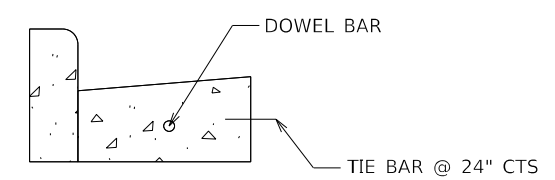
- 1. HUMBERT ROAD NW QUADRANT
- 2. WASHINGTON ST SW QUADRANT

NOT TO SCALE

FILE NAME =	USER NAME = washington	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CURB & GUTTER DOWEL BAR DETAIL			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 8\Projects\087605\Drawings\CADsheets\d876g57-sht-pm.dgn	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -					789	IRS-2	MADISON	89	89
Default	PLOT DATE = 2/4/2021	DATE -	REVISED -		SCALE: 20 SHEET OF SHEETS STA. 220+00 TO STA. 225+00			CONTRACT NO. 76G57				
								ILLINOIS FED. AID PROJECT				



SECTION A-A



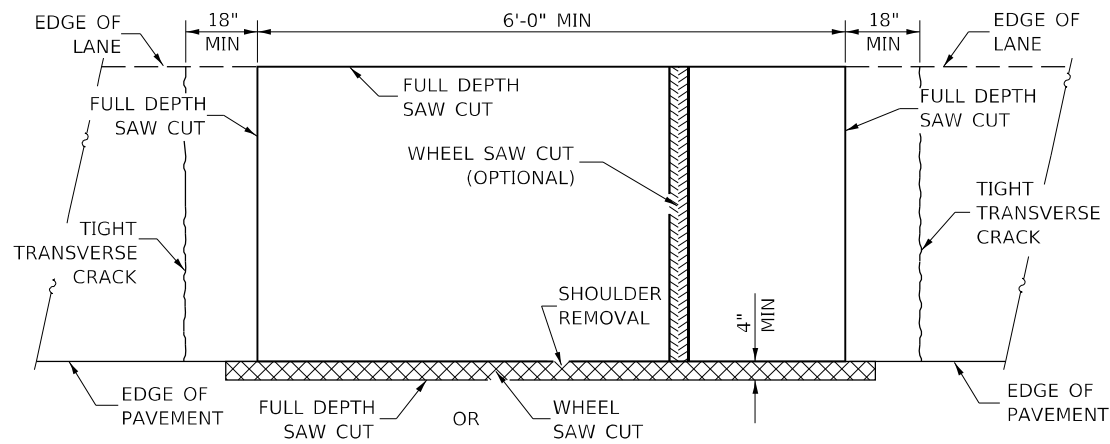
SECTION B-B

LOCATIONS

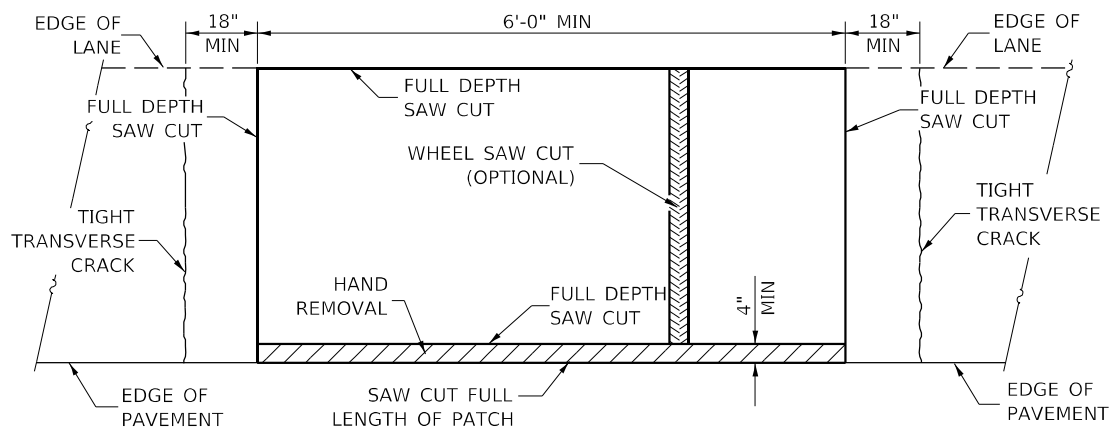
- 1. HUMBERT ROAD NW QUADRANT
- 2. WASHINGTON ST SW QUADRANT

NOT TO SCALE

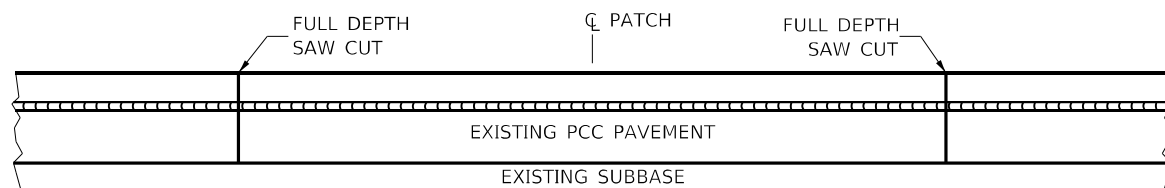
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pw:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 8\Projects\087605\Drawings\CADsheets\d876g57-sht-pm.dgn		CHECKED -	REVISED -		789	IRS-2	MADISON	89	89			
Default	PLOT SCALE = 40.0000' / in.	DATE -	REVISED -		SCALE: 20 SHEET OF SHEETS STA. 220+00 TO STA. 225+00			CONTRACT NO. 76G57				
	PLOT DATE = 2/4/2021				ILLINOIS FED. AID PROJECT							



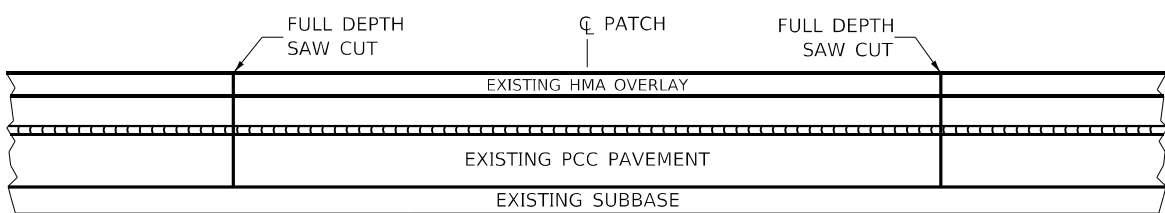
**PAVEMENT SAWING DETAIL
(HMA SHOULDER)**



**PAVEMENT SAWING DETAIL
(PCC SHOULDER)**

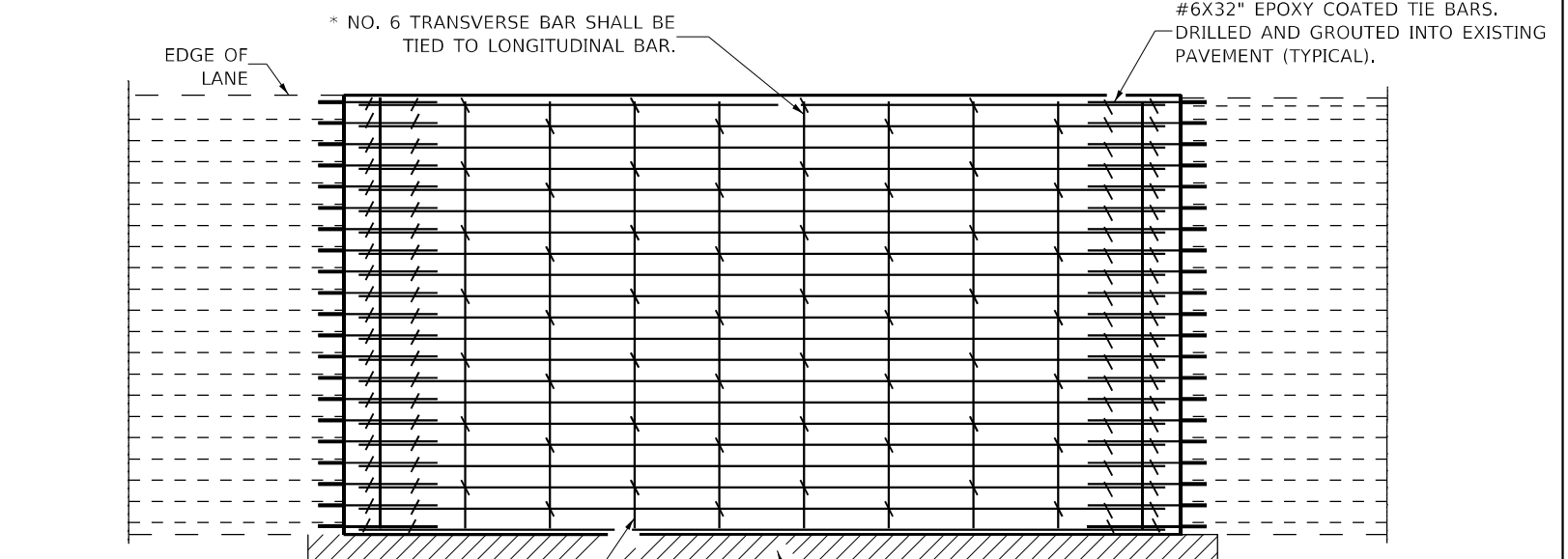


EXISTING PAVEMENT WITHOUT HMA SURFACE

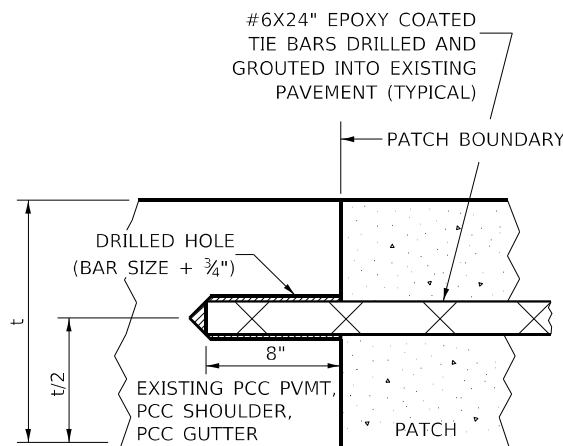


EXISTING PAVEMENT WITH HMA SURFACE

**PAVEMENT SAWING DETAIL FOR CLASS A PATCHING
(CRC PAVEMENT)**



PAVEMENT REINFORCEMENT DETAIL



LONGITUDINAL CONSTRUCTION JOINT

PATCHES MORE THAN 20' IN LENGTH SHALL BE TIED TO ADJACENT PAVEMENT, PCC SHOULDERS OR PCC CURB AND GUTTER WITH #6x24" EPOXY COATED TIE BARS AT 24" CENTERS.

NOTES:

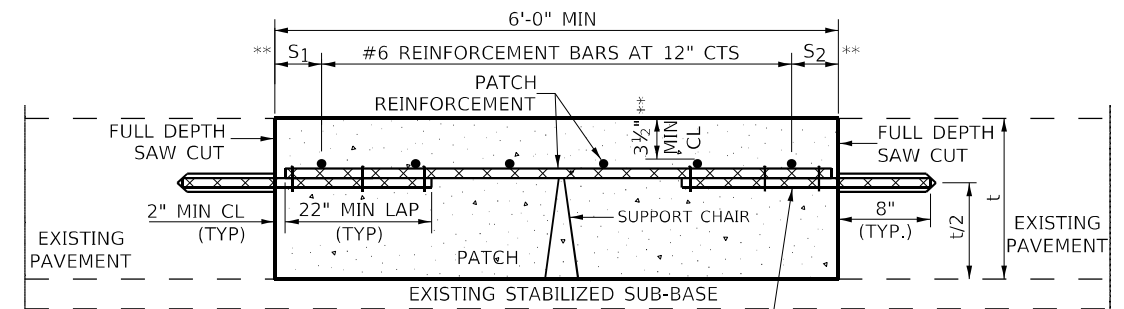
EXISTING LONGITUDINAL REINFORCEMENT SPACING; $\pm 6\frac{1}{2}$ ".

SPACING OF NEW LONGITUDINAL REINFORCEMENT AND NEW LONGITUDINAL TIE BARS SHALL MATCH SPACING OF EXISTING REINFORCEMENT AND SHALL BE TIED TOGETHER WITH A MINIMUM OF TWO TIES PER BAR.

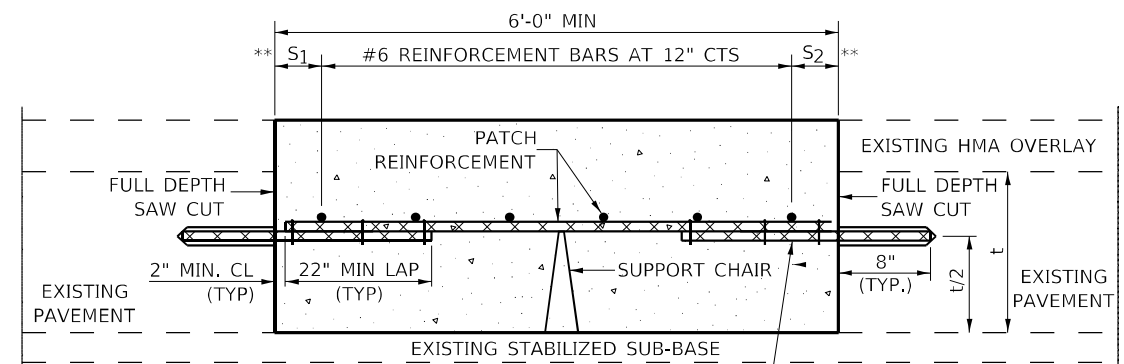
SUPPORT CHAIRS SHALL BE REQUIRED WHENEVER PATCH LENGTH EXCEEDS 6'-0"

* EVERY THIRD INTERSECTION MUST BE TIED. WHEN THE MINIMUM CLEARANCE CANNOT BE OBTAINED WITH THE TRANSVERSE REBAR ON TOP, THEN THE TRANSVERSE REBAR SHALL BE TIED TO THE BOTTOM OF THE LONGITUDINAL REBAR.

** VARIABLES WHERE S_1 AND S_2 ARE $2\frac{1}{2}$ " MIN. AND 12" MAX.



WITHOUT HMA OVERLAY



WITH HMA OVERLAY

**PATCHING DETAIL FOR CLASS A PATCHING
(CRC PAVEMENT)**

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PROJECT: 08766571-CADD\013A-CADD\sheet\08766571-shp.dwg

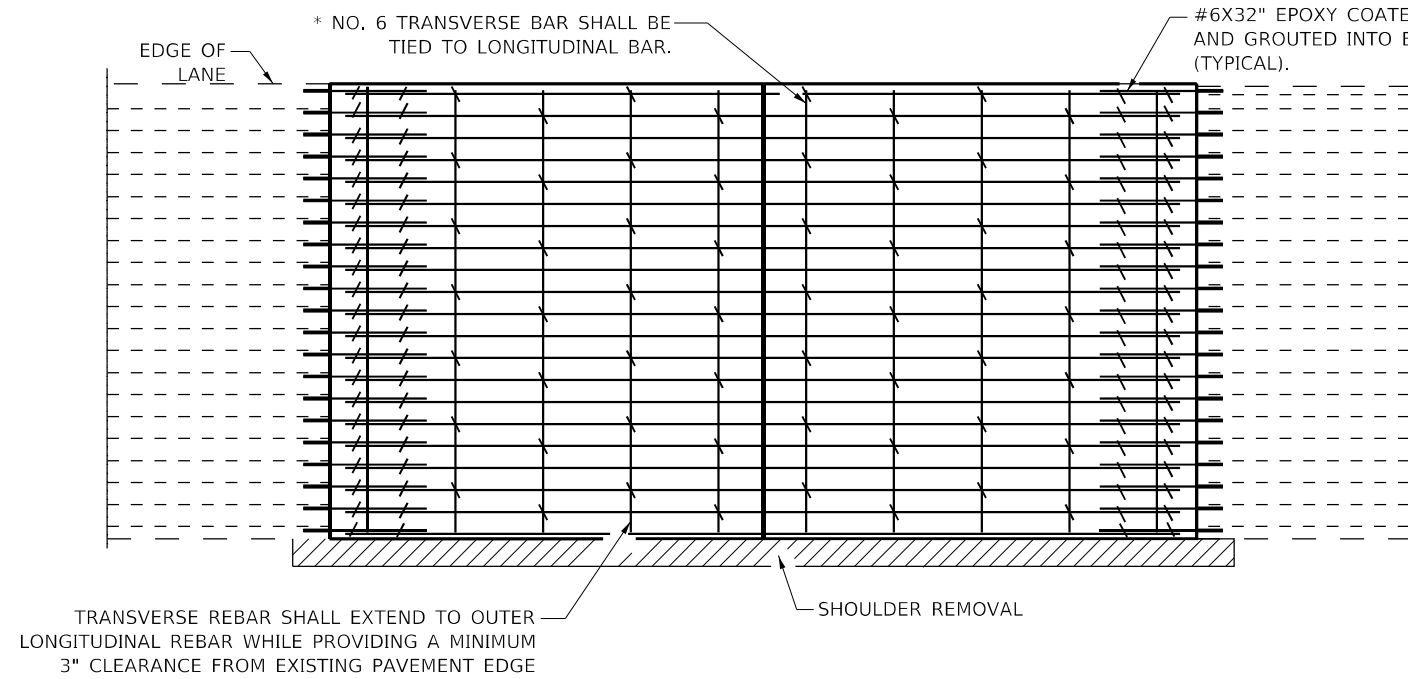
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DRAWN -	REVISED -	REVISED -
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PLOT DATE = 5/5/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

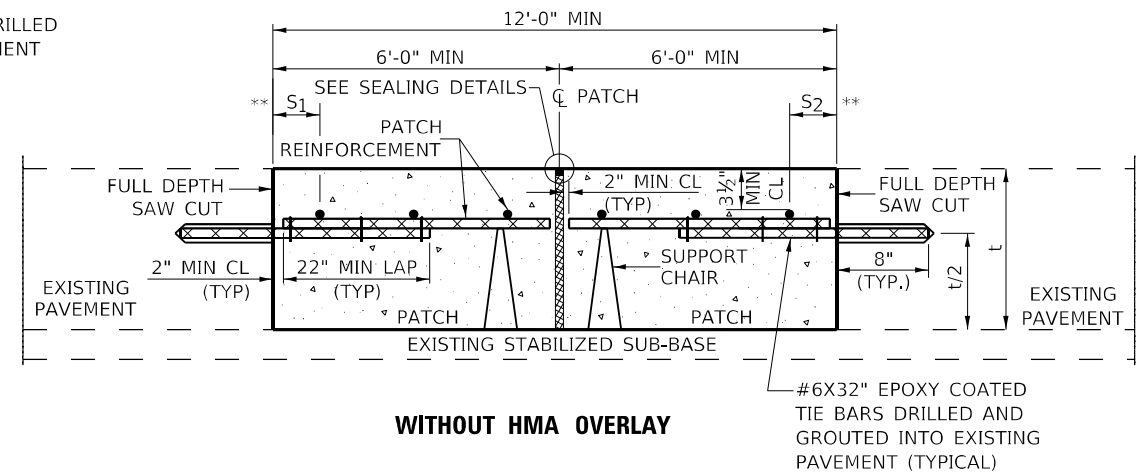
CLASS A PATCHING (SPECIAL)

SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.

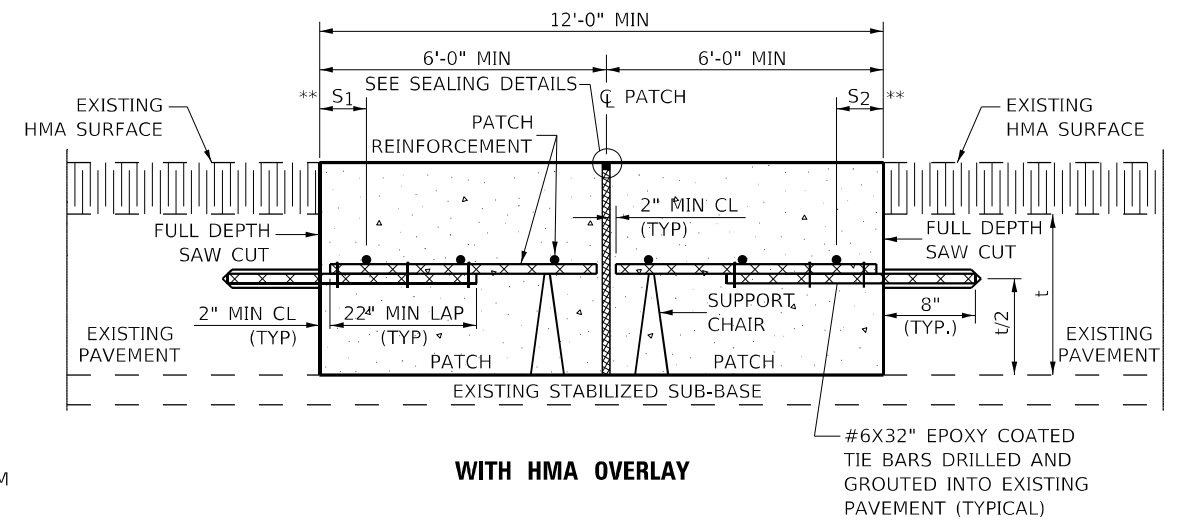
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
789	1R5-2	MADISON	89	89A
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



PAVEMENT REINFORCEMENT DETAIL

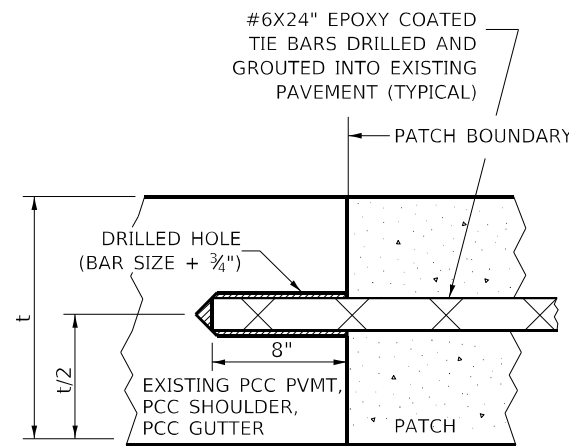


WITHOUT HMA OVERLAY



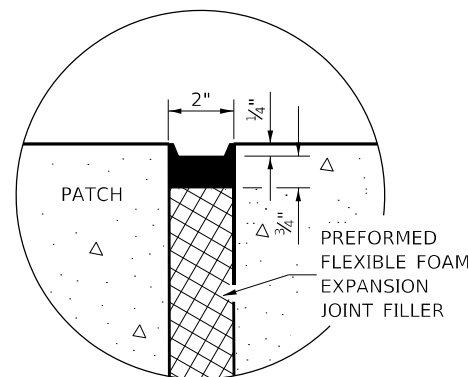
WITH HMA OVERLAY

CLASS A PATCH WITH EXPANSION JOINT

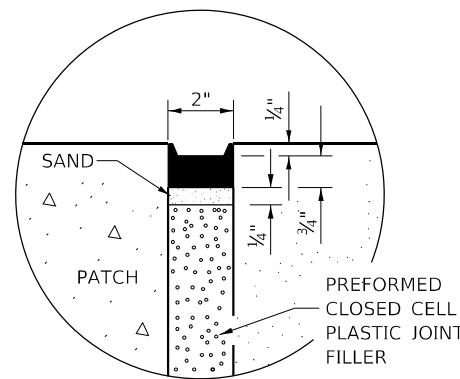


LONGITUDINAL CONSTRUCTION JOINT

PATCHES MORE THAN 20' IN LENGTH SHALL BE TIED TO ADJACENT PAVEMENT, PCC SHOULDERS OR PCC CURB AND GUTTER WITH #6x24" EPOXY COATED TIE BARS AT 36" CENTERS.



SEALING DETAIL



SEALING DETAIL

NOTES:

EXISTING LONGITUDINAL REINFORCEMENT SPACING; $\pm 6\frac{1}{2}$ ".

SPACING OF NEW LONGITUDINAL REINFORCEMENT AND NEW LONGITUDINAL TIE BARS SHALL MATCH SPACING OF EXISTING REINFORCEMENT AND SHALL BE TIED TOGETHER WITH A MINIMUM OF TWO TIES PER BAR.

SUPPORT CHAIRS SHALL BE REQUIRED WHENEVER PATCH LENGTH EXCEEDS 6'-0"

* EVERY THIRD INTERSECTION MUST BE TIED, WHEN THE MINIMUM CLEARANCE CANNOT BE OBTAINED WITH THE TRANSVERSE REBAR ON TOP, THEN THE TRANSVERSE REBAR SHALL BE TIED TO THE BOTTOM OF THE LONGITUDINAL REBAR.

** VARIABLES WHERE S₁ AND S₂ ARE 2½" MIN. AND 12" MAX.

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USER NAME = washingtonaq	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 5/5/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CLASS A PATCHING (SPECIAL)

SCALE: NONE SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
789	1RS-2	MADISON	89	89B
CONTRACT NO. 76G57				
ILLINOIS FED. AID PROJECT				