

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
89	(109Z,109-1)RS-2	WHITE	17	1
		ILLINOIS	CONTRACT NO. 78A30	

D-99-009-24



LOCATION OF SECTION INDICATED THUS: -

FOR INDEX OF SHEETS, SEE SHEET NO. 3
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 4-6

TRAFFIC DATA
2019 ADT

1650 WITH 3.6% TRUCKS (US 45 TO EAST STREET)
1350 WITH 9.6 % TRUCKS (EAST STREET TO IL 1)

TOWNSHIPS
INDIAN CREEK

PROPOSED IMPROVEMENT BEGINS
STATION 1+00 FAP 89
(NORRIS CITY ROAD)
AT INTERSECTION OF US 45
AND NORRIS CITY ROAD

PROPOSED
HIGHWAY PLANS

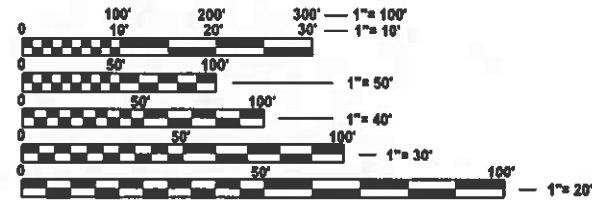
FAP ROUTE 89 (NORRIS CITY ROAD)
SECTION (109Z,109-1)RS-2
PROJECT STP-L5PF(421)
RESURFACING AND ADA IMPROVEMENTS
WHITE COUNTY

C-99-033-24

DESIGN DESIGNATION : N/A

COORDINATE SYSTEM : EPSG: 102671
NAD 1983 StatePlane Illinois East
FIPS 1201 Feet

POSTED SPEED : 35 MPH

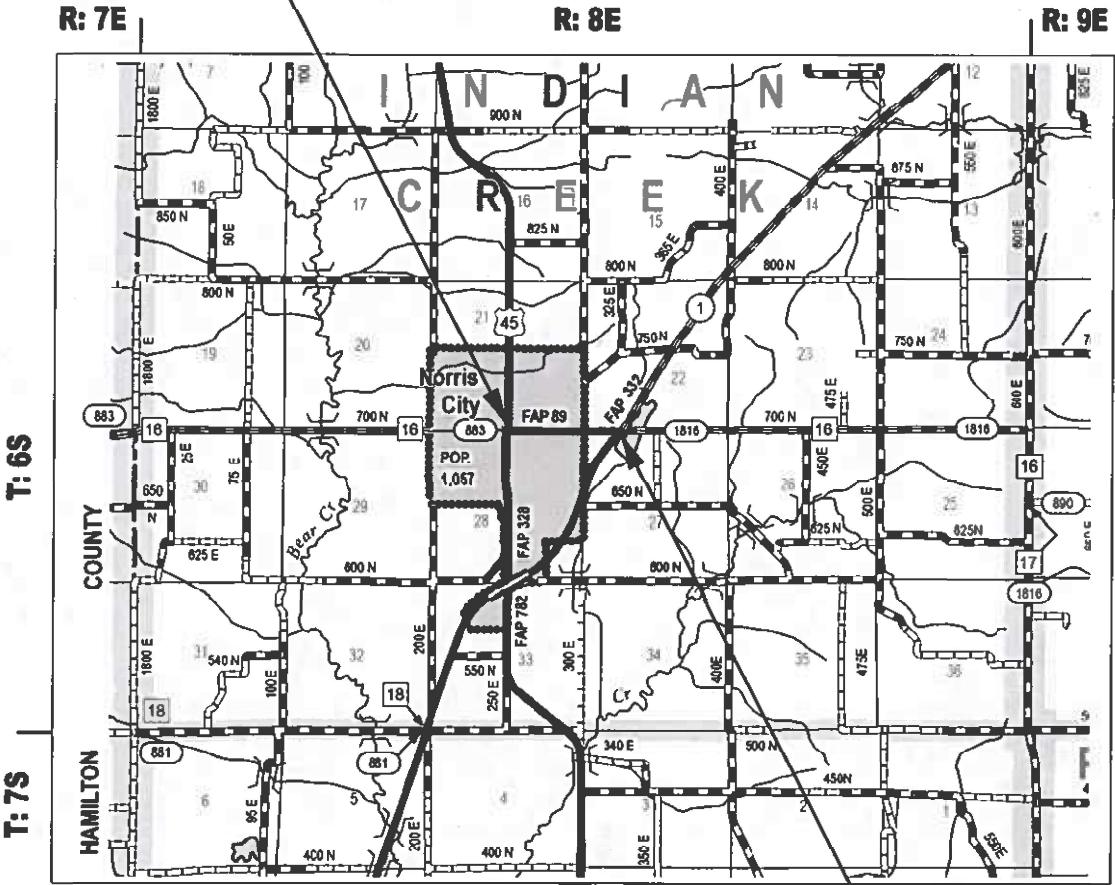


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: SEAN GREENLEE
PROJECT MANAGER: JARED HARP

CONTRACT NO. 78A30



GROSS LENGTH = 3940 FEET = 0.75 MILE
NET LENGTH = 3940 FEET = 0.75 MILE

PROPOSED IMPROVEMENT ENDS
STATION 40+40 FAP 89
(NORRIS CITY ROAD)
AT INTERSECTION OF IL 1
AND NORRIS CITY ROAD



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 15 20 24
Kirk H. Brown REGIONAL ENGINEER

May 10, 2024 Seán A. Etk
ENGINEER OF DESIGN AND ENVIRONMENT

May 10, 2024 Stephen M. Smith
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

MODEL: 02-Signature (Sheet)
FILE NAME: c:\pwworking\mhzg\p0905847\0978A30-Sha-Cover_Sig.dgn

USER NAME	• Jared Harp	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
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PLOT DATE	• 2/21/2024	DATE	-	REVISED	-

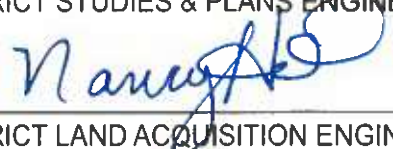
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNATURE SHEET

SCALE: SHEET OF 2 SHEETS STA. TO STA.

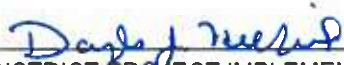
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
69	(109Z,109-1)RS-2	WHITE	17	2
CONTRACT NO. 78A30				
ILLINOIS FED AID PROJECT				

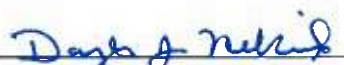
Prepared By: 
DISTRICT STUDIES & PLANS ENGINEER

Examined By: 
DISTRICT LAND ACQUISITION ENGINEER

Examined By: 
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: 
DISTRICT OPERATIONS ENGINEER

Examined By: 
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: 
DISTRICT CONSTRUCTION ENGINEER

Examined By: 
DISTRICT MATERIALS ENGINEER

INDEX OF SHEETS

SHEET NO	DESCRIPTION
1	COVER SHEET
2	SIGNATURE SHEET
3	INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES, MIXTURE REQUIREMENTS
4-6	SUMMARY OF QUANTITIES
7	TYPICAL SECTIONS
8-10	SCHEDULES
11	TIE POINTS
12	GEOPAK ELEMENTS IDENTIFICATION SHEET
13	SIDEWALK RAMP LAYOUT
14-16	SIDEWALK RAMP DETAILS
17	DETAILS: TEMPORARY HOT-MIX ASPHALT TRANSITIONS, TEMPORARY RAMP AT SIDEROADS, SHORT TERM PAVEMENT MARKING, UNEVEN LANES SIGN, ROUGH GROOVED SURFACE SIGN

GENERAL NOTES

FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

ALL HOT-MIX ASPHALT 2.016 TONS/CU. YD.

HOT-MIX APHALT SURFACE IN THE EXISTING GUTTER FLAGS SHALL BE REMOVED AND INCLUDED IN THE COST OF HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4".

THE QUANTITY OF SHORT TERM PAVEMENT MARKING SHOWN IN THE PLANS IS BASED ON ONE APPLICATION EACH FOR THE HMA SURFACE REMOVAL, BINDER COURSE, AND SURFACE COURSE

THE CONTRACTOR SHALL STAMP STATIONING IN THE PROPOSED HOT-MIX ASPHALT SURFACE AT 300 FT INTERVALS ON ALTERNATING SIDES OF THE PAVEMENT AND AS DIRECTED BY THE ENGINEER. THE STATION SYMBOL STAMPS USED SHALL BE FURNISHED BY THE CONTRACTOR. THEY SHALL BE 5 1/2 IN. TALL, OF A DESIGN APPROVED BY THE ENGINEER, AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

HOT-MIX ASPHALT RESURFACING SHALL BE PLACED IN A SEQUENCE THAT WILL MINIMIZE THE TIME THE CENTERLINE EDGE IS EXPOSED TO TRAFFIC. WHEN AT THE END OF A DAY'S OPERATION THE EXPOSED CENTERLINE EDGE IS GREATER THAN 2,000 FT, THE CONTRACTOR SHALL BE REQUIRED TO PAVE IN THE ADJACENT LANE ON THE FOLLOWING WORK DAY. PRIOR TO WINTER SHUTDOWN, RESURFACING ON ADJACENT LANES IS TO BE BROUGHT UP TO THE SAME ELEVATION.

LONGITUDINAL JOINT SEALANT SHALL BE PLACED UNDER THE HOT-MIX ASPHALT SURFACE COURSE.

COMMITMENTS: NONE

HIGHWAY STANDARDS

000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS

001006 DECIMAL OF AN INCH AND OF A FOOT

420001-10 PAVEMENT JOINTS

424001-11 PERPENDICULAR CURB RAMPS FOR SIDEWALKS

442201-03 CLASS C & D PATCHES

606001-08 CONCRETE CURB TYPE B & COMBINATION CONCRETE CURB & GUTTER

701001-02 OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15 FT AWAY

701006-05 OFF-ROADOPERATIONS, 2L, 2W, 15 FT TO 24 IN FROM PAVEMENT EDGE

701011-04 OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY

701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS

701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY

701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED

701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE

701901-09 TRAFFIC CONTROL DEVICES

780001-05 TYPICAL PAVEMENT MARKINGS

MIXTURE REQUIREMENTS

LOCATION(S):	HOT-MIX ASPHALT SURFACE COURSE
MIXTURE USE(S):	HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70
PG:	PG64-22
DESIGN AIR VOIDS:	4.0 %, 70 GYRATION DESIGN
MIXTURE COMPOSITION:	IL-9.5 MM
FRICTION AGGREGATE:	MIX D
MIXTURE WEIGHT:	112 LBS/SQ YD/IN
QUALITY MANAGEMENT PROGRAM:	QC/QA
SUBLOT SIZE:	3,000 TONS
MATERIAL TRANSFER DEVICE REQUIRED:	YES

LOCATION(S):	HOT-MIX ASPHALT BINDER COURSE
MIXTURE USE(S):	HOT-MIX ASPHALT BINDER COURSE, IL 9.5FG, N70
PG:	PG64-22
DESIGN AIR VOIDS:	4.0 %, 70 GYRATION DESIGN
MIXTURE COMPOSITION:	IL-9.5 MM FINE GRADED
FRICTION AGGREGATE:	NONE
MIXTURE WEIGHT:	112 LBS/SQ YD/IN
QUALITY MANAGEMENT PROGRAM:	QC/QA
SUBLOT SIZE:	3,000 TONS
MATERIAL TRANSFER DEVICE REQUIRED:	YES

MODEL: Index_General_Standards_Mix_1 [Sheet]
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	USER NAME = Jared,Harp	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, GENERAL NOTES, HIGHWAY STANDARDS, MIXTURE REQUIREMENTS	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			89	(109Z,109-1)RS-2	WHITE	17	3
		CHECKED -	REVISED -			CONTRACT NO. 78A30				
	PLOT DATE = 3/13/2024	DATE -	REVISED -							
						ILLINOIS	FED. AID PROJECT			
				SCALE:	SHEET	OF 1	SHEETS	STA.	TO STA.	

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			COUNTY:	WHITE	WHITE
			ROUTE:	FAP 89 (NORRIS CITY ROAD)	FAP 89 (NORRIS CITY ROAD)
			FUNDING:	80% FEDERAL / 20% STATE	80% FEDERAL / 20% LOCAL
			LOCATION:	RURAL	RURAL
CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY	PARKING LANES
				0005	0005
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	9,296	8,194	1,102
40600370	LONGITUDINAL JOINT SEALANT	FOOT	3,940	3,940	
40600990	TEMPORARY RAMP	SQ YD	115	115	
40602970	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70	TON	972	835	137
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	1,147	1,010	137
42001300	PROTECTIVE COAT	SQ YD	6	6	
42400800	DETECTABLE WARNINGS	SQ FT	120	120	
44000160	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	SQ YD	11,908	11,908	
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	1,632		1,632
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	31	31	

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SUMMARY OF QUANTITIES - CONT

SUMMARY OF QUANTITIES - CONT			COUNTY:	WHITE	WHITE
			ROUTE:	FAP 89 (NORRIS CITY ROAD)	FAP 89 (NORRIS CITY ROAD)
			FUNDING:	80% FEDERAL / 20% STATE	80% FEDERAL / 20% LOCAL
			LOCATION:	RURAL	RURAL
CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY	PARKING LANES
				0005	0005
44000600	SIDEWALK REMOVAL	SQ FT	1,213	1,213	
44201377	CLASS C PATCHES, TYPE II, 12 INCH	SQ YD	326	326	
44201381	CLASS C PATCHES, TYPE III, 12 INCH	SQ YD	64	64	
44201383	CLASS C PATCHES, TYPE IV, 12 INCH	SQ YD	480	480	
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	31	31	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	3	3	
67100100	MOBILIZATION	L SUM	1	1	
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1	
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1	
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	28	

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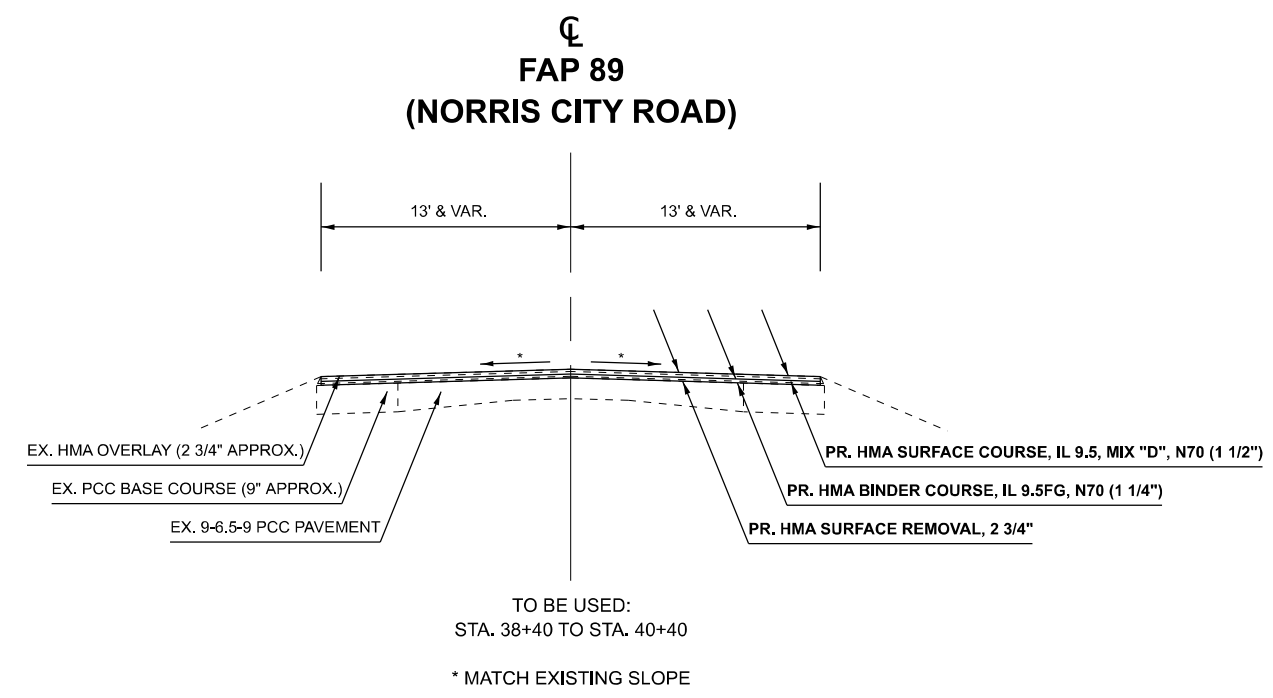
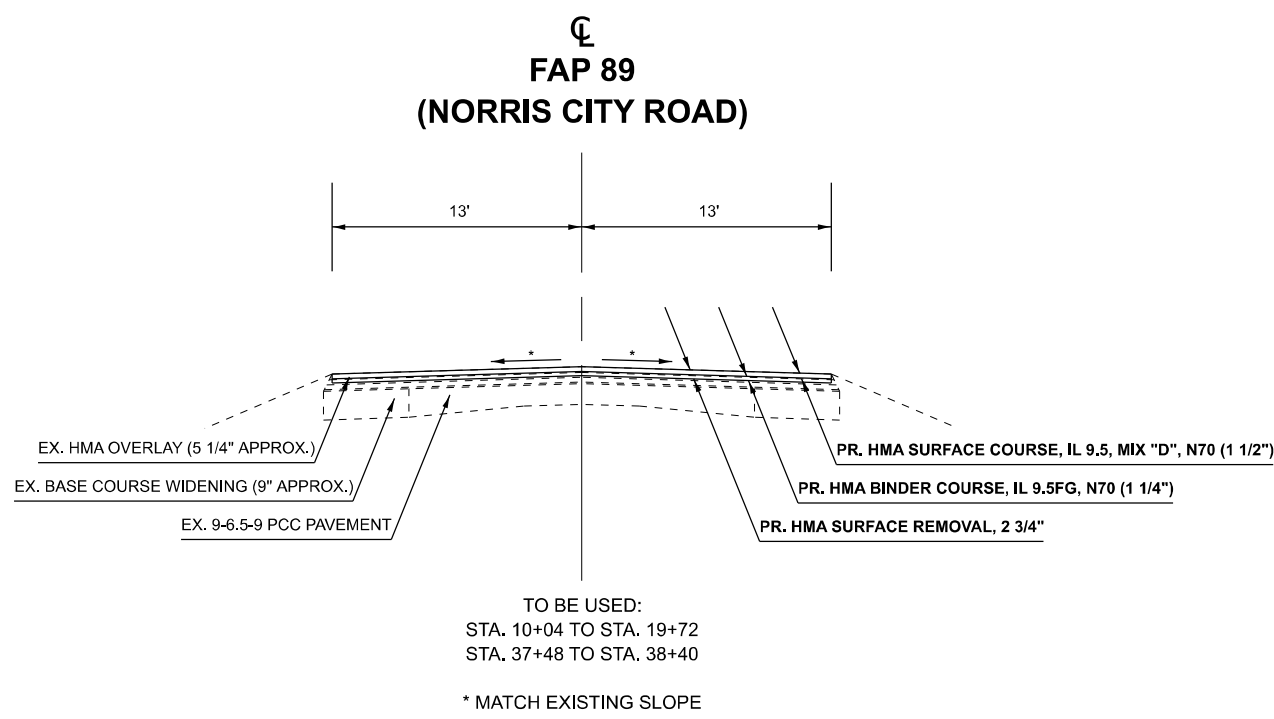
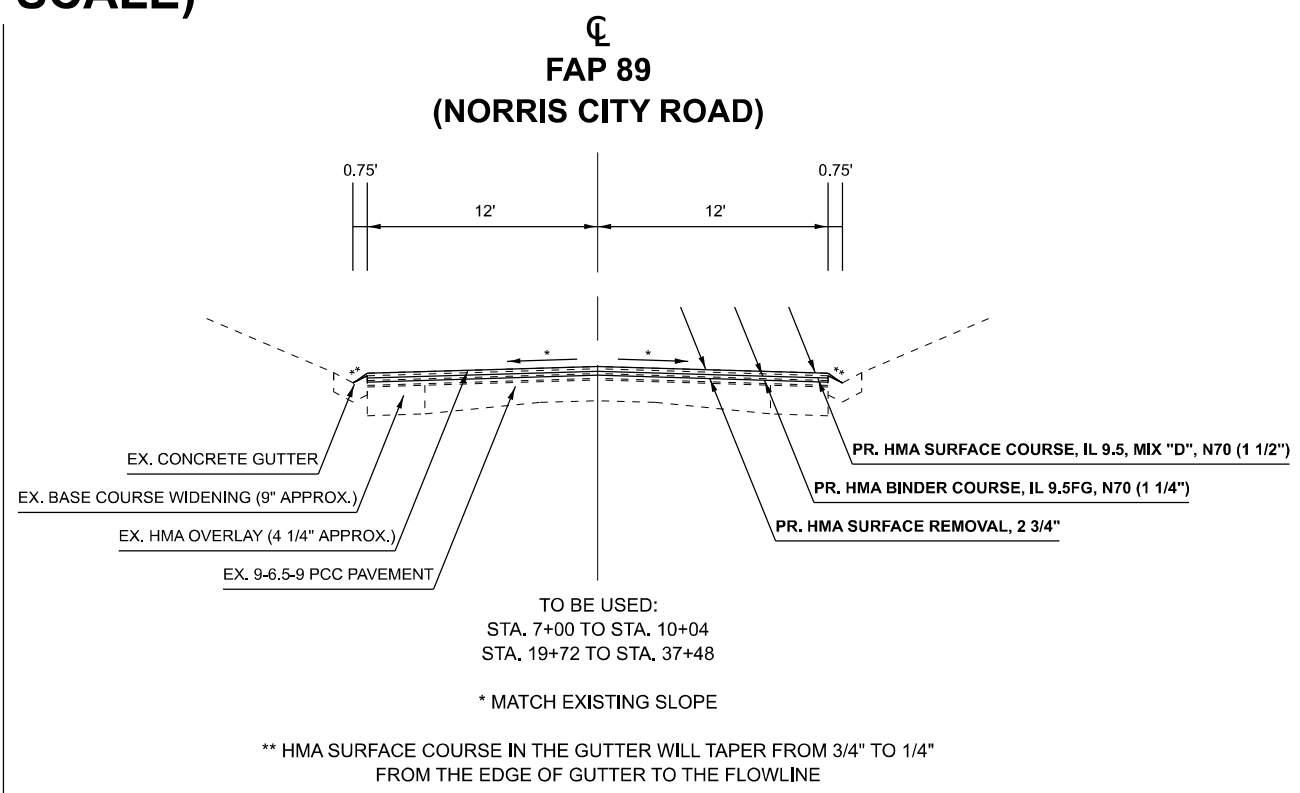
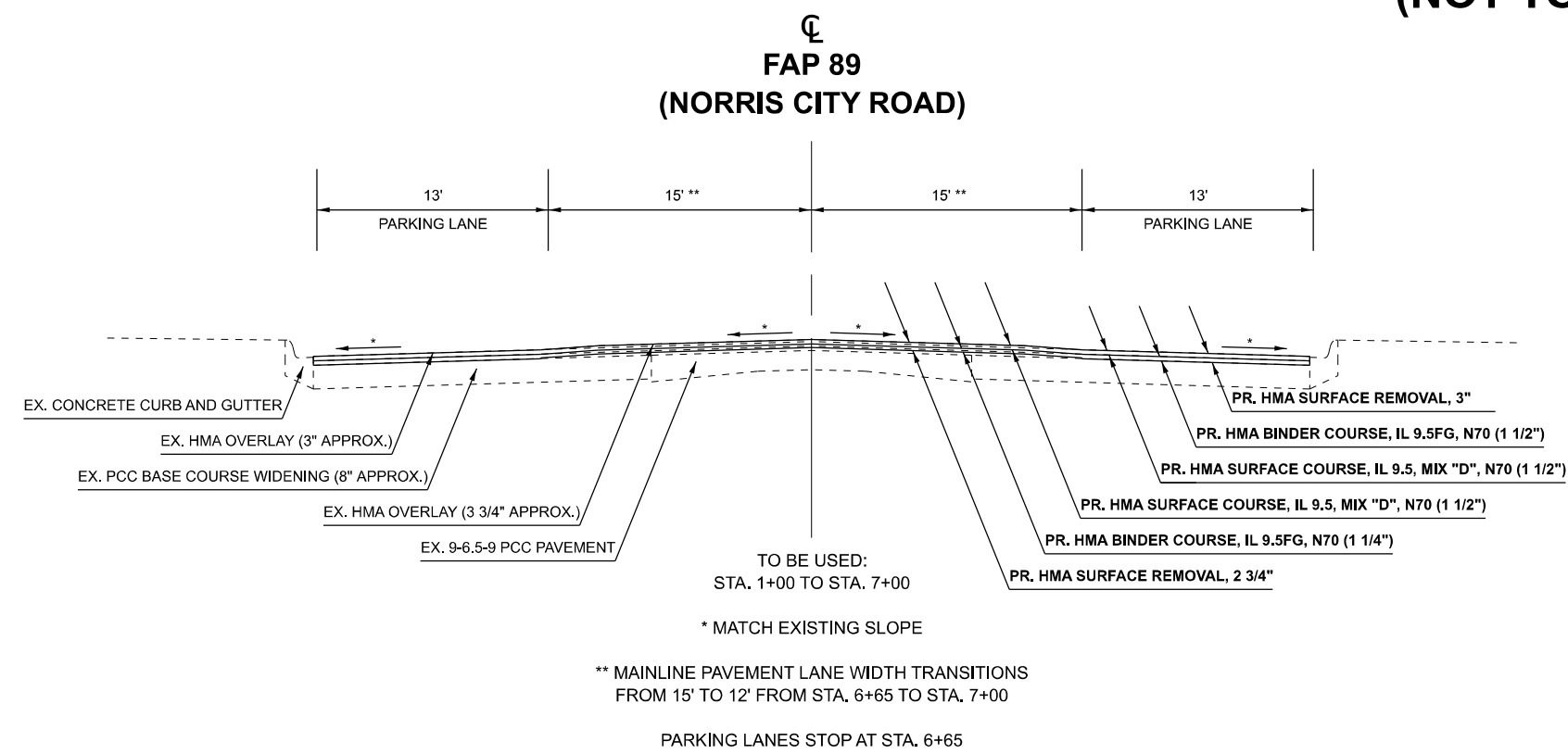
SUMMARY OF QUANTITIES - CONT

SUMMARY OF QUANTITIES - CONT			COUNTY:	WHITE	WHITE
			ROUTE:	FAP 89 (NORRIS CITY ROAD)	FAP 89 (NORRIS CITY ROAD)
			FUNDING:	80% FEDERAL / 20% STATE	80% FEDERAL / 20% LOCAL
			LOCATION:	RURAL	RURAL
CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY	PARKING LANES
				0005	0005
70300100	SHORT TERM PAVEMENT MARKING	FOOT	1,845	1,845	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	615	615	
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	8,387	8,115	272
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	73	73	
78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	8,387	8,115	272
78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	73	73	
78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	2,942	2,851	91
X4240430	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (SPECIAL)	SQ FT	1,625	1,625	
Z0034105	MATERIAL TRANSFER DEVICE	TON	2,119	1,845	274

* SPECIALTY ITEM

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TYPICAL SECTIONS
(NOT TO SCALE)



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USER NAME = Jared.Harp	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 2/28/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: SHEET OF 1 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
89	(109Z,109-1)RS-2	WHITE	17	7
CONTRACT NO. 78A30				
ILLINOIS FED. AID PROJECT				

RESURFACING SCHEDULE

LOCATION STATION TO STATION			PAVEMENT WIDTH	PAVEMENT LENGTH	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	HOT-MIX ASPHALT BINDER COURSE, IL 9.5 FG, N70	HOT-MIX ASPHALT SURFACE COURSE, IL 9.5, MIX "D", N70	BITUMINOUS MATERIALS (TACK COAT)	LONGITUDINAL JOINT SEALANT	TEMPORARY RAMP	COMMENTS
			FOR INFORMATION ONLY									
NORRIS CITY ROAD			FOOT	FOOT	SQ YD		TON	TON	POUND	FOOT	SQ YD	
START	TO	END										
1+00			30								47	TEMPORARY RAMP AT START OF JOB
1+00	TO	6+65	30	565	1883		132	158	1271	565		MAINLINE PAVEMENT
1+00	TO	6+65	26	565		1632	137	137	1102			PARKING LANES
6+65	TO	7+00	VARIES (30' - 24')	35	105		7	9	71	35		TRANSITION OF MAINLINE PAVEMENT WIDTH
7+00	TO	10+04	24	304	811		57	70	570	304		INCLUDES WEDGE IN CURB AND GUTTER
10+04	TO	19+72	26	968	2796		196	235	1888	968		MAINLINE PAVEMENT
19+72	TO	37+48	24	1776	4736		332	406	3330	1776		INCLUDES WEDGE IN CURB AND GUTTER
37+48	TO	38+40	26	92	266		19	22	179	92		MAINLINE PAVEMENT
38+40	TO	40+40	VARIES	200	1311		92	110	885	200		INTERSECTION PAVEMENT AND AROUND RADIUSES
40+40			26								41	TEMPORARY RAMP AT END OF JOB
TOTALS					11908	1632	972	1147	9296	3940	88	

SIDEWALK SCHEDULE

LOCATION	SIDEWALK REMOVAL	COMBINATION CURB AND GUTTER REMOVAL	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6. 12	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (SPECIAL)	DETECTABLE WARNINGS	PROTECTIVE COAT	COMMENTS
	SQ FT	FOOT	FOOT	SQ FT	SQ FT	SQ YD	
NORRIS CITY ROAD AND CONGER STREET							
NORTH-EAST QUADRANT	259	16	16	293	20	3	RAMPS 5 AND 10
SOUTH-EAST QUADRANT	284	15	15	332	20	3	RAMPS 15 AND 20
NORRIS CITY ROAD AND POWELL STREET							
NORTH-EAST QUADRANT	193			266	20		RAMPS 25 AND 30
SOUTH-EAST QUADRANT	196			271	20		RAMPS 35 AND 40
NORRIS CITY ROAD AND EAST STREET							
NORTH-EAST QUADRANT	169			246	20		RAMPS 45 AND 50
SOUTH-EAST QUADRANT	112			217	20		RAMPS 55 AND 60
TOTALS	1213	31	31	1625	120	6	

MODEL: Schedules_1 [Sheet]
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PAVEMENT MARKING SCHEDULE

LOCATION STATION TO STATION			LENGTH	PAINT PAVEMENT MARKING					COMMENTS
				LINE 4"				LINE 24"	
				EDGE	CENTERLINE	CENTERLINE	EDGE		
				LEFT SOLID	SKIP DASH	SOLID	RIGHT SOLID		
				WHITE	YELLOW	YELLOW	WHITE		
NORRIS CITY ROAD			FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	
START	TO	END							
1+00	TO	6+65	565	136			136		LEFT AND RIGHT PARKING LANE STRIPES (17 STRIPES PER PARKING LANE AT 8' EACH)
1+00	TO	7+00	600		150				NO EDGE LINE DUE TO PARKING LANES
1+20								15	STOP BAR ON NORRIS CITY ROAD AT US 45 INTERSECTION
7+00	TO	10+00	300	300	80		300		
10+00	TO	10+50	50		10				NO EDGE LINE THROUGH POWELL ST (LEFT AND RIGHT)
10+50	TO	13+50	300	300	80		300		
13+50	TO	14+00	50		10				NO EDGE LINE THROUGH EAST ST (LEFT AND RIGHT)
14+00	TO	17+00	300	300	80		300		
17+00	TO	17+30	30	30	10				NO EDGE LINE THOUGH BARNES ST (RIGHT)
17+30	TO	24+40	710	710	180		710		
24+40	TO	24+70	30	30	10				NO EDGE LINE THROUGH SPENCE ST (RIGHT)
24+70	TO	27+00	230	230	60		230		
27+00	TO	27+30	30		10		30		NO EDGE LINE THROUGH WILLIS ST (LEFT)
27+30	TO	33+15	585	585	150		585		
33+15	TO	38+40	525	525	130	525	525		
38+40	TO	39+85	145		40	145			CENTERLINE SKIP DASH AND SOLID
38+40	TO	40+40		255			200		LEFT AND RIGHT EDGE LINE AROUND RADIUSSES
39+85								58	STOP BARS ON NORRIS CITY ROAD AT IL 1 INTERSECTION
SUB-TOTALS				3401	1000	670	3316		
TOTALS				8387				73	

SIDEROAD TEMPORARY RAMP SCHEDULE

LOCATION			EDGE OF PAVEMENT WIDTH	TEMPORARY RAMP
NORRIS CITY ROAD			INFO. ONLY	
STATION	O/S	ROAD NAME	FOOT	SQ YD
12+70	LT & RT	CONGER ST	50	6
20+50	LT & RT	POWELL ST	50	6
27+50	LT & RT	EAST ST	50	6
34+30	RT	BARNES ST	30	3
49+10	RT	SPENCE ST	30	3
54+30	LT	WILLIS ST	30	3
TOTALS				27

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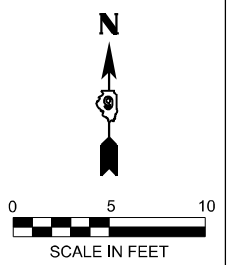
	USER NAME = Jared.Harp	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING SCHEDULE, SIDEROAD TEMPORARY RAMP SCHEDULE			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					89	(109Z,109-1)RS-2	WHITE	17	9
		CHECKED -	REVISED -					CONTRACT NO. 78A30				
	PLOT DATE = 3/6/2024	DATE -	REVISED -		SCALE:	SHEET	OF 3 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

PATCHING SCHEDULE

LOCATION STATION (APPROXIMATE)	EASTBOUND LANES			WESTBOUND LANES			CLASS C PATCHES, TYPE II, 12 INCH	CLASS C PATCHES, TYPE III, 12 INCH	CLASS C PATCHES, TYPE IV, 12 INCH	COMMENTS
	LENGTH	WIDTH	SQ YD	LENGTH	WIDTH	SQ YD				
	FOR INFORMATION ONLY									
US 51	FOOT	FOOT	SQ YD	FOOT	FOOT	SQ YD	SQ YD	SQ YD	SQ YD	
1+00										START OF JOB
1+01	6	15	10.0	6	15	10.0	20.0			
2+28	6	15	10.0	6	15	10.0	20.0			
2+70	6	15	10.0				10.0			
4+65	6	15	10.0				10.0			
4+75	6	15	10.0	6	15	10.0	20.0			
5+40	6	15	10.0	6	15	10.0	20.0			
6+85	6	15	10.0	6	15	10.0	20.0			
8+15	6	12	8.0	6	12	8.0	16.0			
8+30	12	12	16.0	12	12	16.0		32.0		
12+55	6	12	8.0	6	12	8.0	16.0			
17+60				6	12	8.0	8.0			
18+50	6	12	8.0	6	12	8.0	16.0			
21+95				40	6	26.7			26.7	
22+00	6	12	8.0	6	12	8.0	16.0			
25+20	8	12	10.7	8	12	10.7	21.4			
29+80	6	12	8.0	6	12	8.0	16.0			
30+00	6	12	8.0	6	12	8.0	16.0			
30+50	40	12	53.3	40	12	53.3			106.6	
31+20	6	12	8.0	6	12	8.0	16.0			
31+80	6	12	8.0				8.0			
32+20				60	12	80.0			80.0	
32+30	6	12	8.0				8.0			
32+40	60	12	80.0						80.0	
33+50	12	12	16.0	12	12	16.0		32.0		
34+60	60	12	80.0	60	12	80.0			160.0	
36+60	6	12	8.0	6	12	8.0	16.0			
37+00	6	12	8.0	6	12	8.0	16.0			
37+90	6	12	8.0	6	12	8.0	16.0			
38+80				20	12	26.7			26.7	
40+40										END OF JOB
TOTALS							326	64	480	

MODEL: Schedules_3 [Sheet]
FILE NAME: c:\p\work\jwtd\harp\ja\0905847\0978A30-SHE-Schedules.dgn

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INTENTIONALLY
LEFT BLANK



POWELL STREET

10+00

NORRIS CITY ROAD

PI STA 10+86.00

NE QUAD OF NORRIS CITY RD AND POWELL ST

IP / CAP POINT: POWELL
NORTHING: 478,546.795
EASTING: 986,591.551
ELEVATION: 439.776
STATION: 10+51.47, 27.599 LT

(ORANGE CAP)
IP / CAP
POWELL

INLET

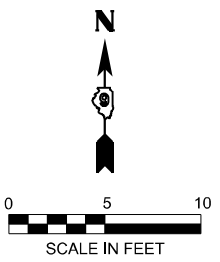
INLET

CORNER OF
SIDEWALK

SIDEWALK

SIDEWALK

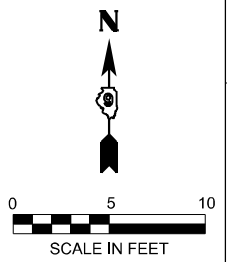
SIDEWALK



NORRIS CITY ROAD

SE QUAD OF NORRIS CITY RD AND CONGER ST

IP / CAP POINT: CONGER
NORTHING: 478,490.728
EASTING: 986,207.396
ELEVATION: 431.133
STATION: 6+67.34, 28.644 RT



NORRIS CITY ROAD

SE QUAD OF NORRIS CITY RD AND EAST ST

IP / CAP POINT: EAST
NORTHING: 478,490.450
EASTING: 986,953.742
ELEVATION: 442.777
STATION: 14+13.81, 27.206 RT

14

EAST STREET

10+00

INLET

IP / CAP
EAST (ORANGE CAP)

WATER VALVE

FIRE HYDRANT

SIDEWALK

SIDEWALK

SIDEWALK

INLET

IP / CAP
CONGER
(ORANGE
CAP)

WATER VALVE

CORNER
OF CURB

CORNER
OF CURB

SIDEWALK

SIDEWALK

SIDEWALK

MODEL: Tie_Points_1 [Sheet]
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USER NAME = Jared.Harp	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 2/20/2024	DATE -	REVISED -

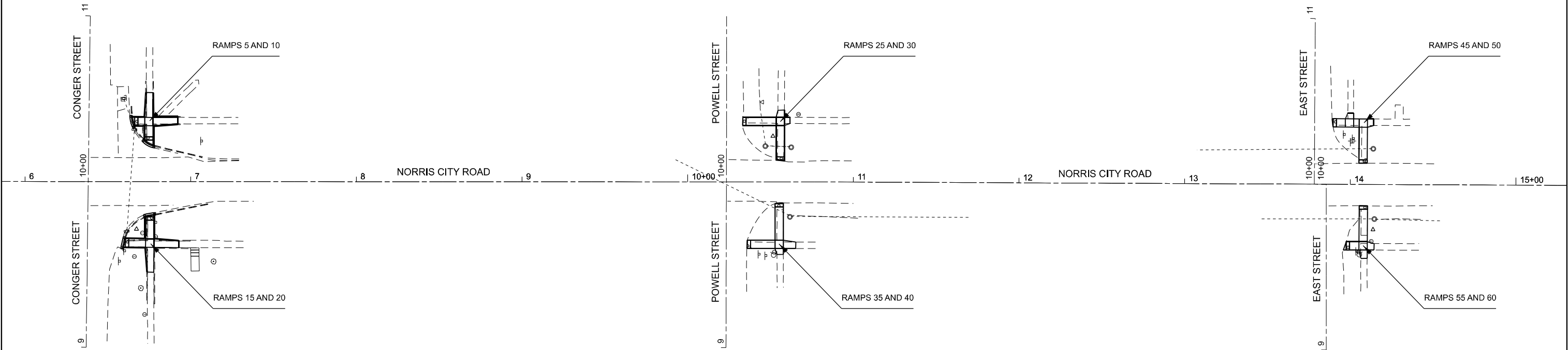
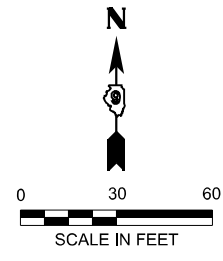
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TIE POINTS

SCALE: SHEET OF 1 SHEETS STA. TO STA.

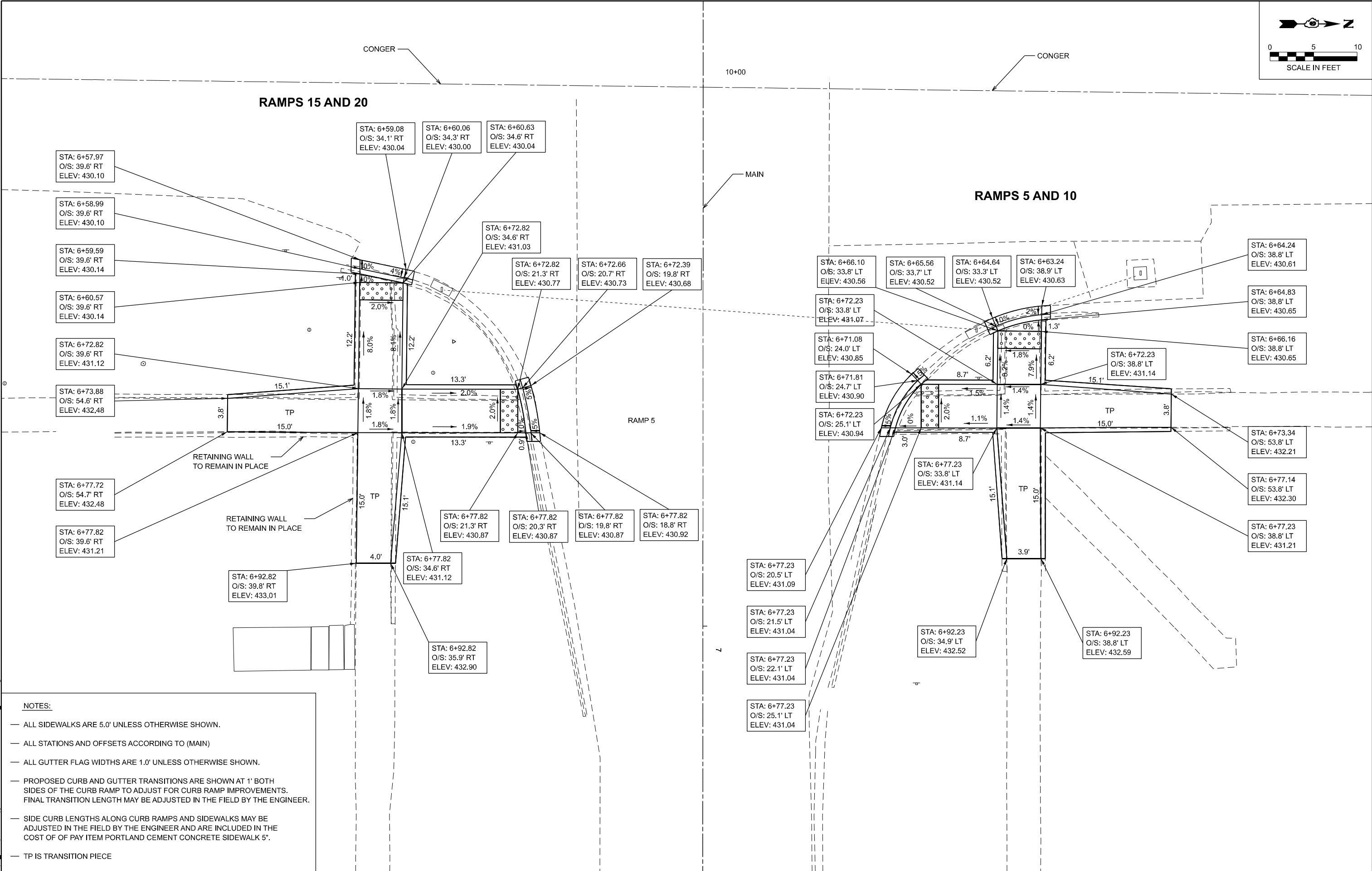
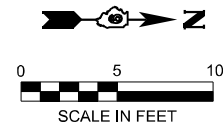
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
89	(109Z,109-1)RS-2	WHITE	17	11
CONTRACT NO. 78A30				
ILLINOIS FED. AID PROJECT				

NORRIS CITY
SIDEWALK RAMPS



MODEL: Sidewalk Layout_1 [Sheet]
FILE NAME: c:\p\work\jwh\harj\al\0905847\D978A30-SHH-Sidewalk_Layout.dgn

	USER NAME = Jared.Harp	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIDEWALK RAMP LAYOUT SHEET			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					89	(109Z,109-1)RS-2	WHITE	17	13
		CHECKED -	REVISED -					CONTRACT NO. 78A30				
	PLOT DATE = 3/6/2024	DATE -	REVISED -		SCALE:	SHEET	OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		



NOTES:

- ALL SIDEWALKS ARE 5.0' UNLESS OTHERWISE SHOWN.
- ALL STATIONS AND OFFSETS ACCORDING TO (MAIN)
- ALL GUTTER FLAG WIDTHS ARE 1.0' UNLESS OTHERWISE SHOWN.
- PROPOSED CURB AND GUTTER TRANSITIONS ARE SHOWN AT 1' BOTH SIDES OF THE CURB RAMP TO ADJUST FOR CURB RAMP IMPROVEMENTS. FINAL TRANSITION LENGTH MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER.
- SIDE CURB LENGTHS ALONG CURB RAMPS AND SIDEWALKS MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER AND ARE INCLUDED IN THE COST OF OF PAY ITEM PORTLAND CEMENT CONCRETE SIDEWALK 5".
- TP IS TRANSITION PIECE

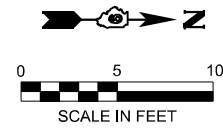
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			DRAWN	-		REVISED	-	
			CHECKED	-		REVISED	-	
	PLOT DATE	= 3/1/2024	DATE	-		REVISED	-	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

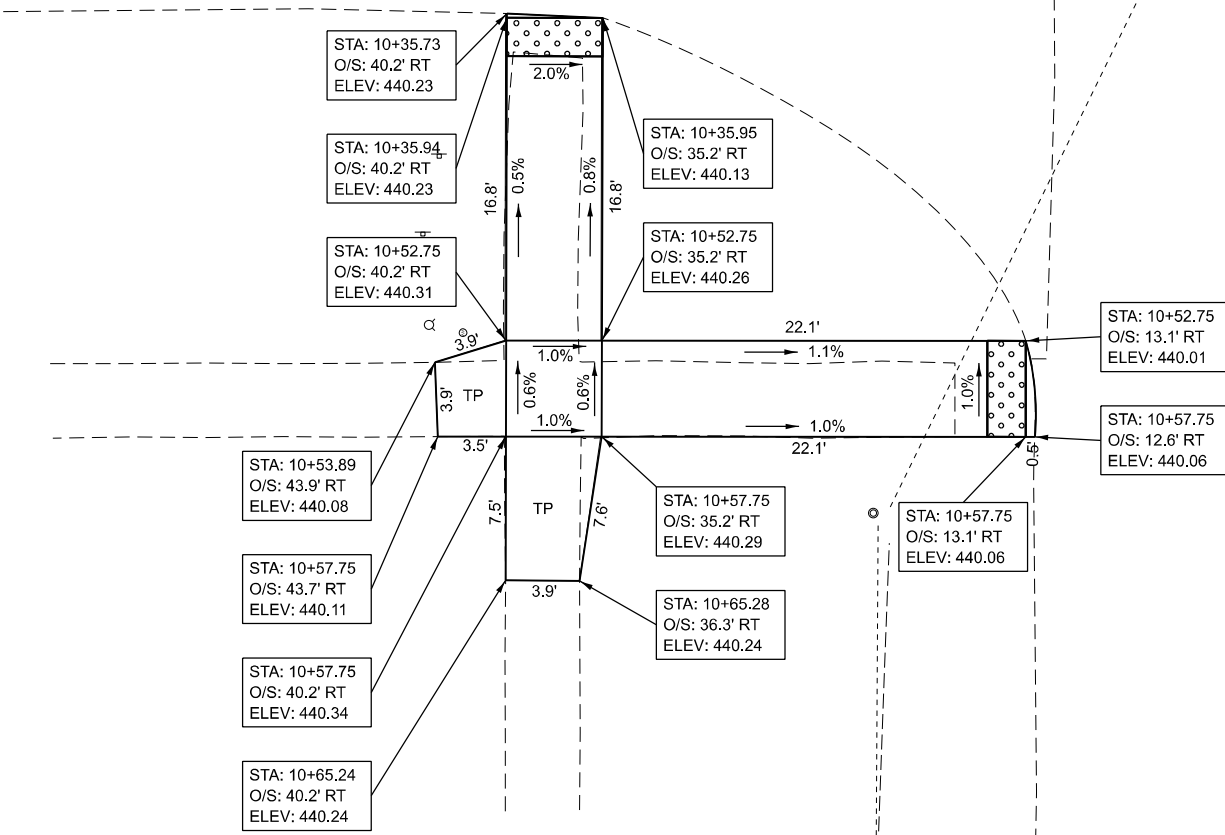
SIDEWALK RAMP DETAILS: CONGER STREET (RAMP 5, RAMP 10, RAMP 15, RAMP 20)			
SCALE:	SHEET	OF 3 SHEETS	STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
89	(109Z,109-1)RS-2	WHITE	17	14
CONTRACT NO. 78A30				
ILLINOIS FED. AID PROJECT				

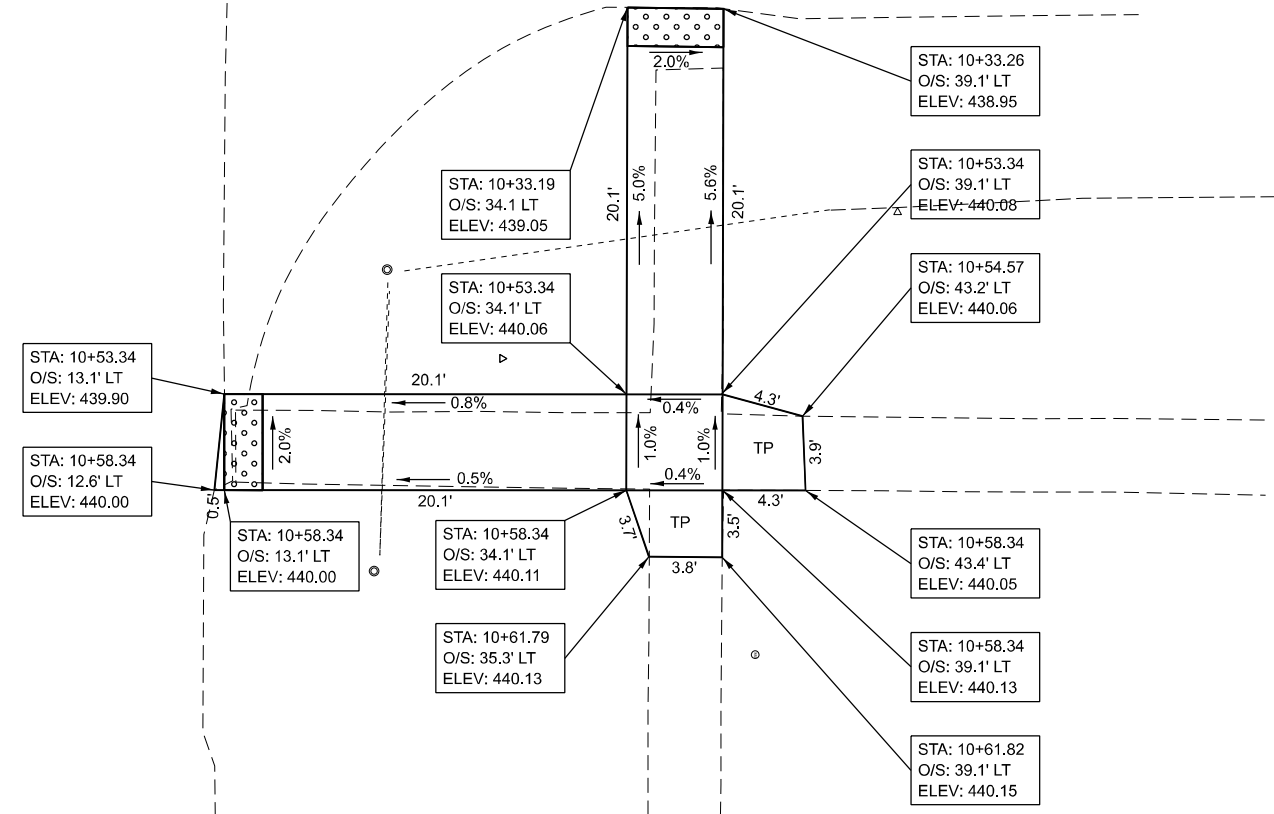
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FILE NAME: c:\p\work\harp\ja\0905847\0978A30-Sht-Sidewalk_Details.dgn



RAMPS 35 AND 40



RAMPS 25 AND 30



- NOTES:
- ALL SIDEWALKS ARE 5.0' UNLESS OTHERWISE SHOWN.
 - ALL STATIONS AND OFFSETS ACCORDING TO (MAIN).
 - TP IS TRANSITION PIECE

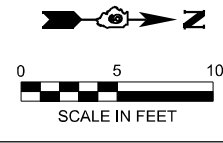
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USER NAME	= Jared.Harp	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 3/1/2024	DATE	-	REVISED	-

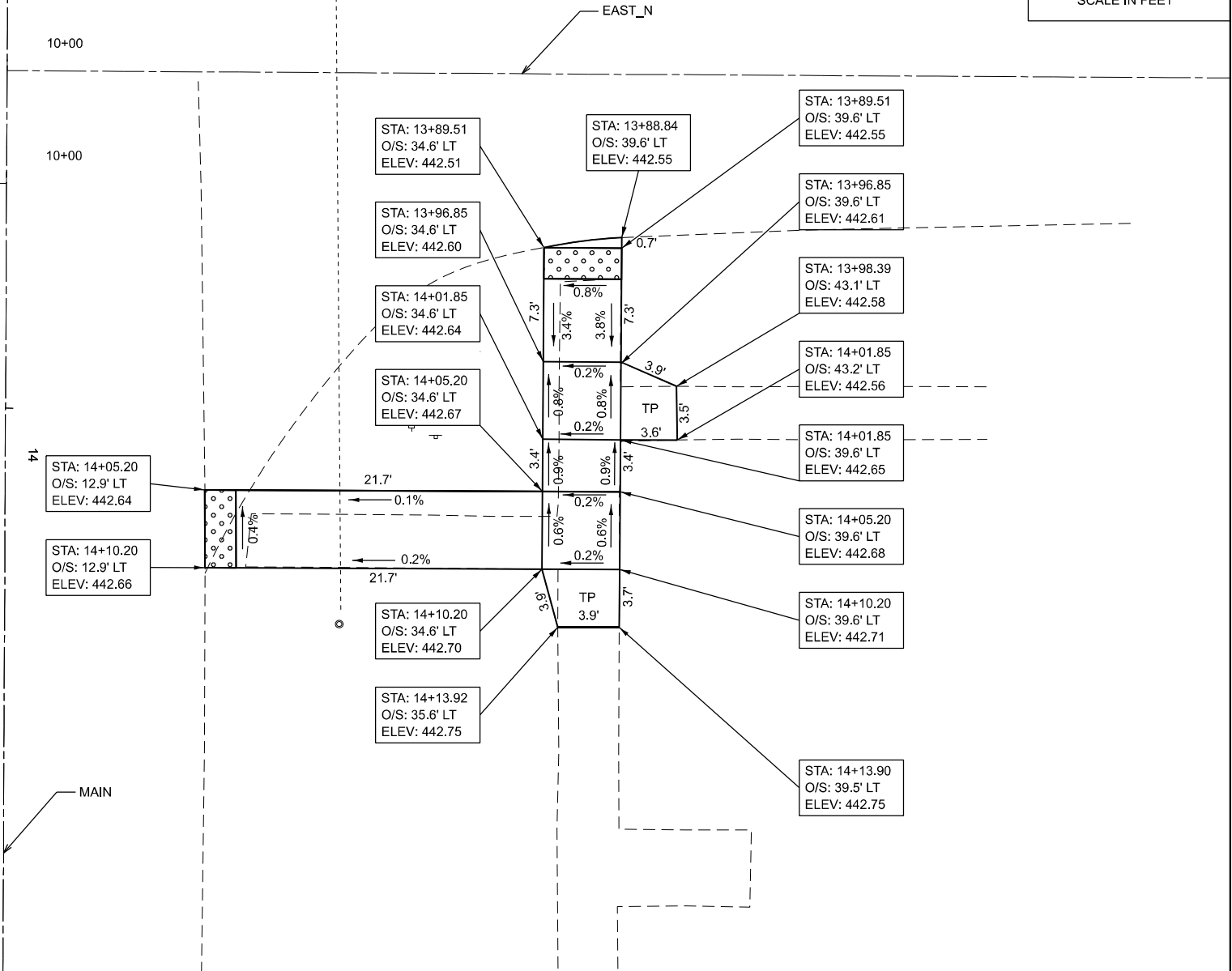
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS: POWELL STREET (RAMP 25, RAMP 30, RAMP 35, RAMP 40)			
SCALE:	SHEET	OF 3 SHEETS	STA. TO STA.

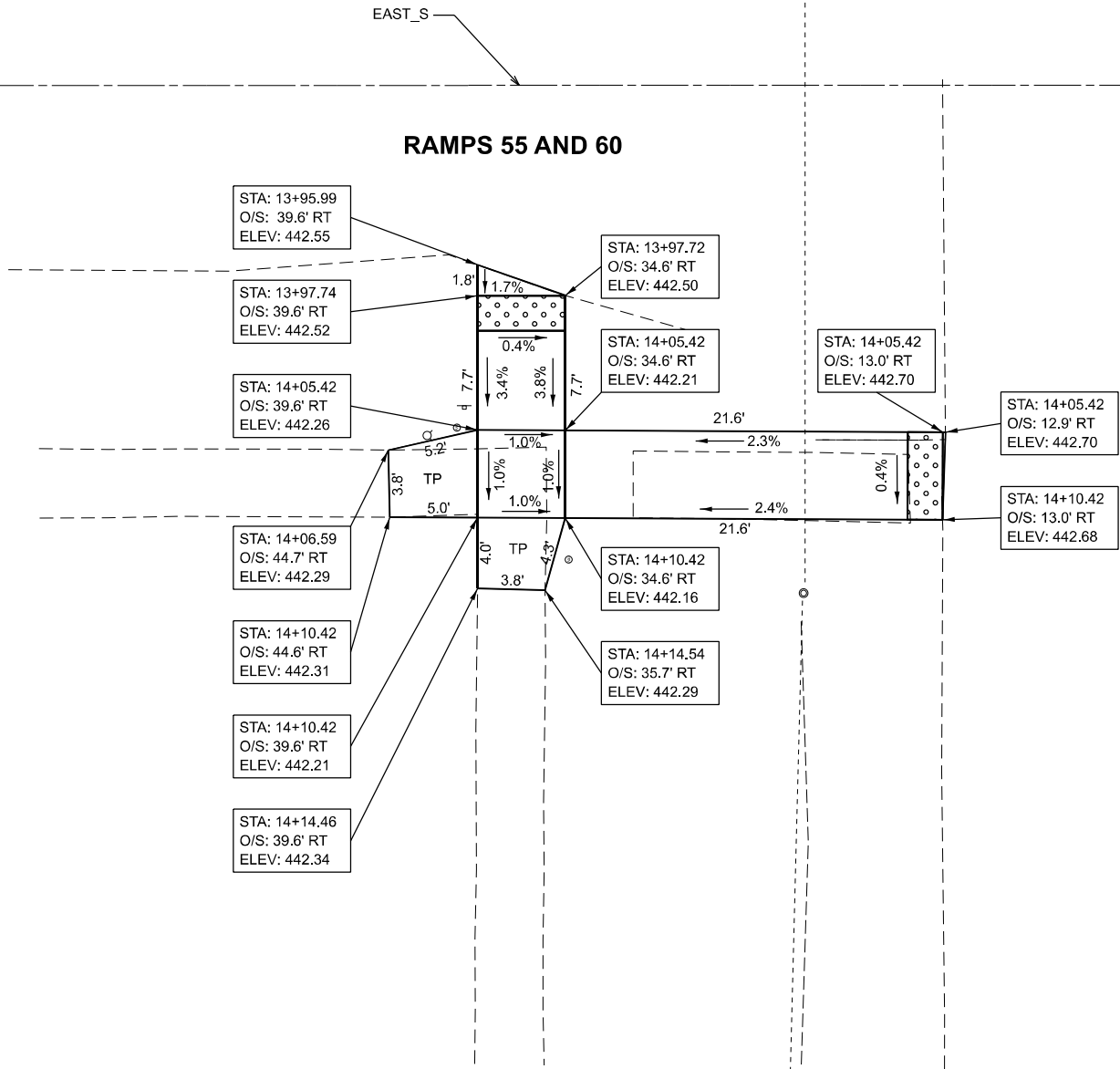
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
89	(109Z,109-1)RS-2	WHITE	17	15
CONTRACT NO. 78A30				
ILLINOIS FED. AID PROJECT				



RAMPS 45 AND 50



RAMPS 55 AND 60



NOTES:

- ALL SIDEWALKS ARE 5.0' UNLESS OTHERWISE SHOWN.
- ALL STATIONS AND OFFSETS ACCORDING TO (MAIN).
- TP IS TRANSITION PIECE

MODEL: Sidewalk Ramps_3 (Sheet)
FILE NAME: c:\p\work\jrharp\ja00905847\0978A30-Sht-Sidewalk_Details.dgn

USER NAME	= Jared.Harp	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 3/1/2024	DATE	-	REVISED	-

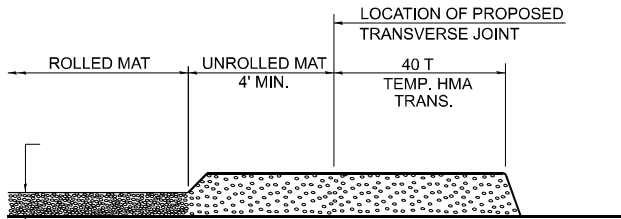
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS: EAST STREET
(RAMP 45, RAMP 50, RAMP 55, RAMP 60)

SCALE: SHEET OF 3 SHEETS STA. TO STA.

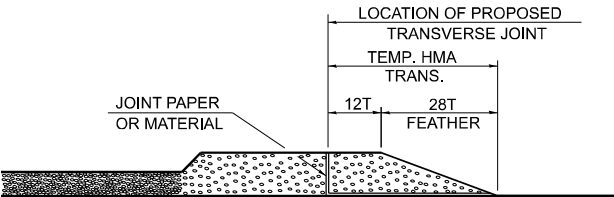
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
89	(109Z,109-1)RS-2	WHITE	17	16
CONTRACT NO. 78A30				
ILLINOIS FED. AID PROJECT				

TEMPORARY HOT-MIX ASPHALT TRANSITIONS



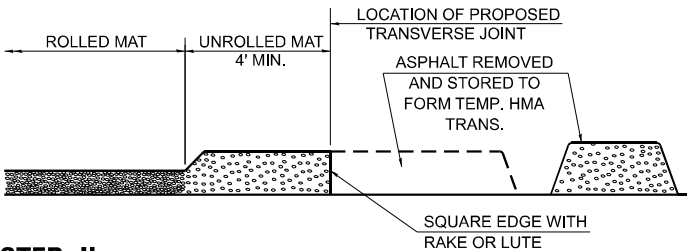
STEP I

- 1. PLACE HOT-MIX ASPHALT MAT, LENGTH 40 TIMES THE THICKNESS OF THE MAT BEING PLACED PAST THE PROPOSED TRANSVERSE JOINT LOCATION USING NORMAL OPERATING PROCEDURES.
- 2. EXTREME CARE SHOULD BE TAKEN TO MAINTAIN ENOUGH MATERIAL IN FRONT OF THE SCREED TO MAINTAIN REQUIRED PAVING DEPTH.



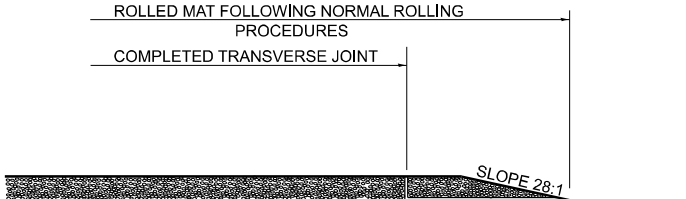
STEP III

- 1. JOINT PAPER OR OTHER PRESELECTED JOINT MATERIAL IS THEN PLACED IN THE CLEARED AREA AND THE EXCESS ASPHALT USED TO HAND FORM A TRANSITION TO THE DIMENSIONS SHOWN ABOVE.
- 2. NOTE THAT IN CONSTRUCTING THE TRANSITION, THE MAT DEPTH IS CONTINUED AS PART OF THE TRANSITION BEFORE FORMING THE FEATHER.



STEP II

- 1. MOVE THE PAVER OUT OF THE WAY AND REMOVE THE ASPHALT FROM THE AREA OF THE PROPOSED TEMPORARY HOT-MIX ASPHALT TRANSITION.
- 2. SQUARE UP THE END OF THE MAT WITH A RAKE OR LUTE.
- 3. NOTE THAT THE MAT WITHIN 4' OF THE END OF JOINT IS NOT TO BE ROLLED AT THIS TIME.



STEP IV

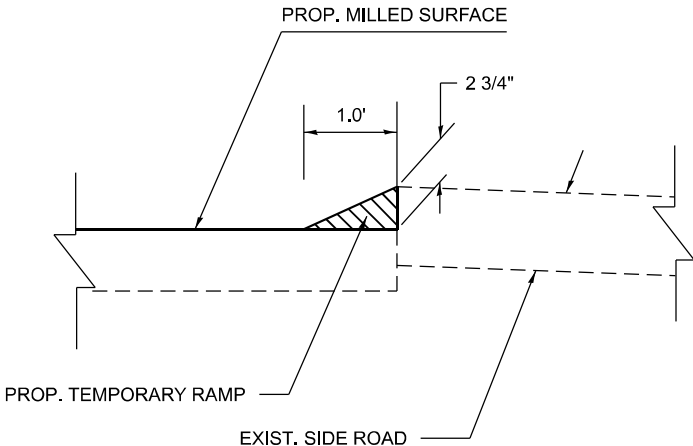
- 1. COMPLETE TEMPORARY TRANSITION BY ROLLING.
- 2. TO RESUME PAVING, AT THE JOINT, REMOVE TEMPORARY TRANSITION AND DISPOSE OF THE MATERIAL ACCORDING TO ART. 202.03 OF THE STD. SPECS. (COST INCLUDED IN THE CONTRACT).
- 3. CONSTRUCTING THE TEMPORARY TRANSITIONS WILL NOT BE PAID FOR SEPARATELY IN ACCORDANCE WITH ARTICLE 406.14 OF THE STANDARD SPECIFICATIONS.

STD. 9-18

DRAWN	02-15-89
REVISED	01-09-07
REVISED	10-21-21
REVISED	05-26-22

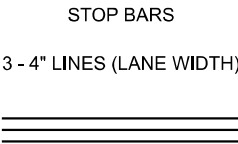
TEMPORARY RAMP AT SIDEROADS

(NOT TO SCALE)

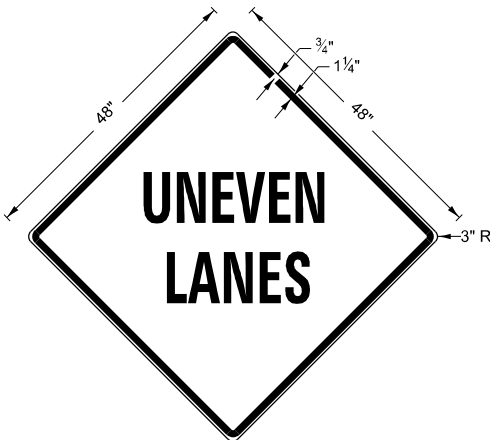


SHORT TERM PAVEMENT MARKING

(NOT TO SCALE)



UNEVEN LANES SIGN
W8-11 (48" X 48")



COLORS:

LEGEND AND BORDER - BLACK NON-REFLECTORIZED
BACKGROUND - ORANGE REFLECTORIZED

NOTE: PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED OR BEFORE RESURFACING OPERATIONS BEGIN, THE CONTRACTOR SHALL HAVE ERECTED "UNEVEN PAVEMENT" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "UNEVEN PAVEMENT" SIGNS UNTIL THE RESURFACING OPERATIONS ARE COMPLETED.

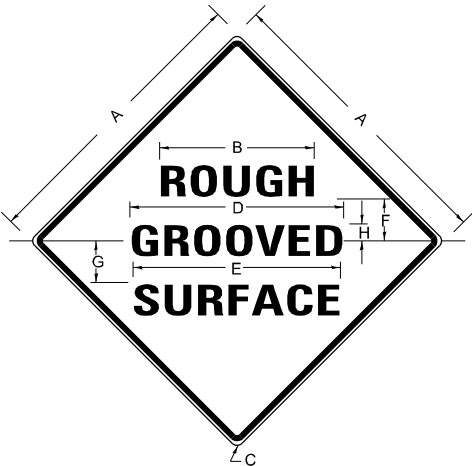
IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

STD. 9-24

DRAWN	02-15-89
REVISED	05-08-08
REVISED	10-21-21
REVISED	05-27-22

ILLINOIS STANDARD
ROUGH GROOVED SURFACE SIGN



NOTES

PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED, THE CONTRACTOR SHALL HAVE ERECTED "ROUGH GROOVED SURFACE" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "ROUGH GROOVED SURFACE" SIGNS UNTIL THE COLDMILLED SURFACE IS COVERED WITH LEVELING BINDER OR SURFACE COURSE.

IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

COLORS

LEGEND AND BORDER- BLACK NON-REFLECTORIZED
BACKGROUND- ORANGE REFLECTORIZED

SIGN SIZE	DIMENSIONS							
	A	B	C	D	E	F	G	H
48X48	48.0	24.1	3.0	34.0	33.0	6.0	13.0	3.5

SIGN SIZE	SERIES LINES			MAR- GIN	BOR- DER	BLANK STD.
	1	2	3			
48X48	7C	7C	7C	0.8	1.2	B4-48D

ALL DIMENSIONS IN INCHES

DRAWN	02-15-89
REVISED	03-27-08
REVISED	10-21-21
REVISED	05-27-22

STD. 9-23

MODEL: Details_1 [Sheet]
FILE NAME: c:\p\work\harp\jared\0905847\0978A30-Shu-Details.dgn

PLOT DATE = 2/22/2024	USER NAME = Jared.Harp	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS: TEMP. HMA TRANSITIONS, TEMP. RAMP AT SIDEROADS,
SHORT TERM PAVT MARKING, UNEVEN LANES, ROUGH GROOVED SURFACE

SCALE: SHEET OF 1 SHEETS STA. TO STA.

F.A.P RTE. 89	SECTION (109Z,109-1)RS-2	COUNTY WHITE	TOTAL SHEETS 17	SHEET NO. 17
CONTRACT NO. 78A30				
ILLINOIS FED. AID PROJECT				