

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	[(126)RS-8;(Y)RS-7]CG,MED	PEORIA	27	1
		ILLINOIS	CONTRACT NO. 68J07	

D-94-031-24

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HIGHWAY STANDARDS

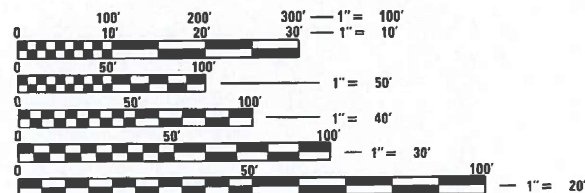
- 000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001001-02 AREAS OF REINFORCEMENT BARS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 420001-10 PAVEMENT JOINTS
- 604061-03 FRAME & GRATE TYPE 12
- 606001-08 CONCRETE CURB TYPE B & COMBINATION CONCRETE CURB & GUTTER
- 606301-04 PC CONCRETE ISLANDS & MEDIANS
- 701426-09 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS 45 MPH OR MORE
- 701602-10 URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
- 701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701901-09 TRAFFIC CONTROL DEVICES
- 720001-01 SIGN PANEL MOUNTING DETAILS
- 720006-04 SIGN PANEL ERECTION DETAILS
- 728001-01 TELESCOPING STEEL SIGN SUPPORT
- 780001-05 TYPICAL PAVEMENT MARKINGS
- 781001-04 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
- 782001-01 CURB REFLECTORS
- 886001-01 DETECTOR LOOP INSTALLATIONS
- 886006-01 TYPICAL LAYOUTS FOR DETECTION LOOPS

TRAFFIC DATA

IL 40 (KNOXVILLE AVE.)
ADT = 21,200 (2021)
PV = 20,485
SU = 525
MU = 190

FUNCTIONAL CLASSIFICATION

IL 40 (KNOXVILLE AVE.)
OTHER PRINCIPLE ARTERIAL



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

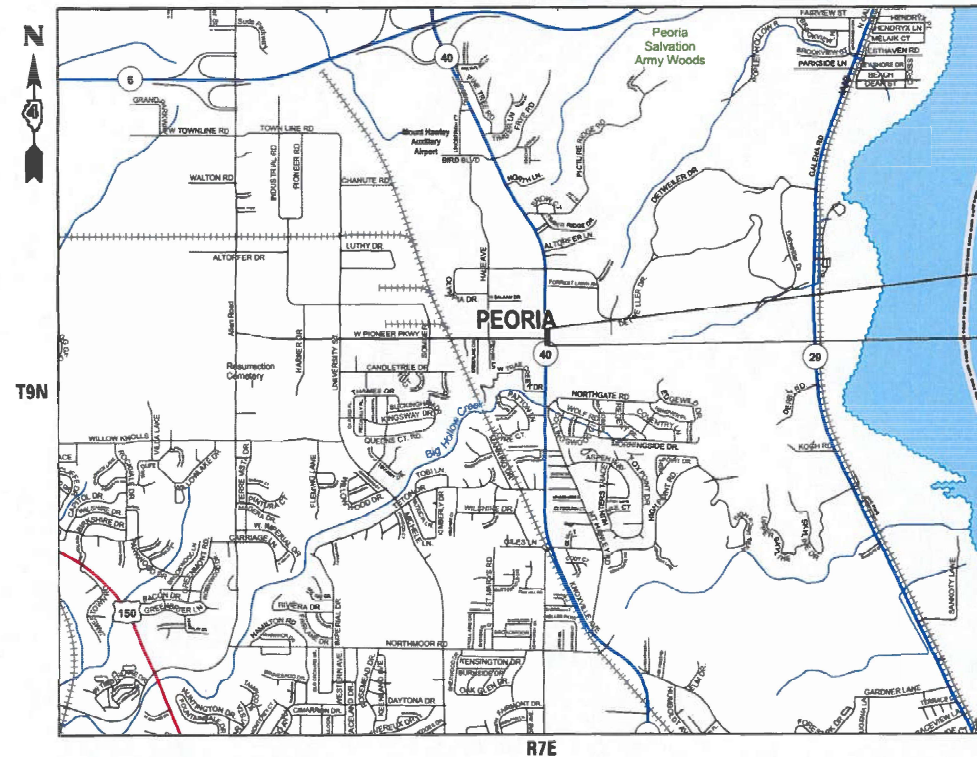
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS
1-800-892-0123
OR 811

PROJECT ENGINEER: BEN TELLEFSON
PROJECT MANAGER: ERIC PRICHARD
CONTRACT NO. 68J07
CATALOG NO. 036489-00D

PROPOSED
HIGHWAY PLANS

FAP ROUTE 646 (IL 40)
SECTION [(126)RS-8;(Y)RS-7]CG,MED
RESURFACING AND
INTERSECTION IMPROVEMENTS
PEORIA COUNTY

C-94-041-24



BEGIN PROJECT
STA. 37+00.00

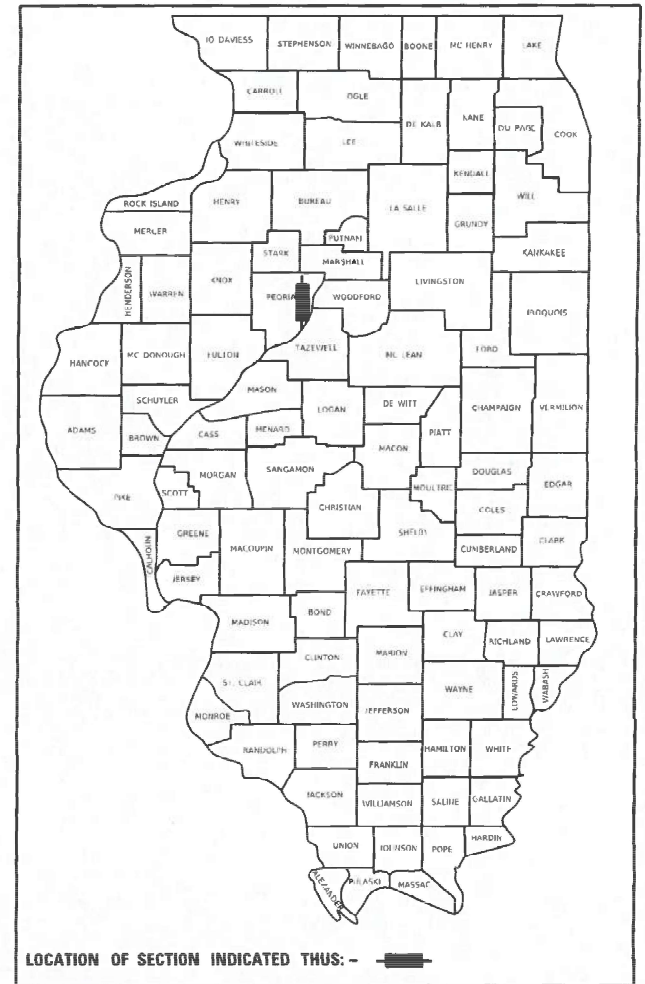
END PROJECT
STA. 49+90.00

LOCATION MAP
NTS

GROSS LENGTH = 1290 FT. = 0.244 MILE
NET LENGTH = 1290 FT. = 0.244 MILE



TIMOTHY B. PADGETT, P.E. EXPIRATION DATE
LICENSE NO. 062-049162 11-30-2025



LOCATION OF SECTION INDICATED THUS: -

PLANS PREPARED BY:



4940 Old Collinsville Road
Swansea, Illinois 62226
Tel: 618.624.4488
www.twm-inc.com
Illinois Professional Design Firm
No. 184-001220
License Expires: 4/30/2025
ILLINOIS - MISSOURI - TENNESSEE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 21 20 24
Kevin S. Darnett
REGIONAL ENGINEER

May 10, 2024 [Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

May 10, 2024 [Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

COMMITMENTS

COMMITMENTS ARE NOT TO BE ALTERED WITHOUT THE WRITTEN APPROVAL OF ALL PARTIES TO WHICH THE COMMITMENT WAS MADE.

NO COMMITMENTS HAVE BEEN MADE FOR THIS PROJECT.

GENERAL NOTES

AVAILABILITY OF ELECTRONIC FILES

MICROSTATION AND GEOPAK FILES OF THIS PROJECT WILL BE MADE AVAILABLE TO THE CONTRACTOR AFTER CONTRACT AWARD. IF THERE IS A CONFLICT BETWEEN THE ELECTRONIC FILES AND THE PRINTED CONTRACT PLANS AND DOCUMENTS, THE PRINTED CONTRACT PLANS AND DOCUMENTS SHALL TAKE PRECEDENCE OVER THE ELECTRONIC FILES. THE CONTRACTOR SHALL ACCEPT ALL RISK ASSOCIATED WITH USING THE ELECTRONIC FILES AND SHALL HOLD THE DEPARTMENT HARMLESS FOR ANY ERRORS OR OMISSIONS IN THE ELECTRONIC FILES AND THE DATA CONTAINED THEREIN. ERRORS OR DELAYS RESULTING FROM THE USE OF THE ELECTRONIC FILES BY THE CONTRACTOR SHALL NOT RESULT IN AN EXTENSION OF TIME FOR ANY INTERIM OR FINAL COMPLETION DATE OR SHALL NOT BE CONSIDERED CAUSE FOR ADDITIONAL COMPENSATION. THE CONTRACTOR SHALL NOT USE, SHARE, OR DISTRIBUTE THESE ELECTRONIC FILES EXCEPT FOR THE PURPOSE OF CONSTRUCTING THIS CONTRACT. ANY CLAIMS BY THIRD PARTIES DUE TO USE OR ERRORS SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL INCLUDE THIS DISCLAIMER WITH THE TRANSFER OF THESE ELECTRONIC FILES TO ANY OTHER PARTIES AND SHALL INCLUDE APPROPRIATE LANGUAGE BINDING THEM TO SIMILAR RESPONSIBILITIES.

WINTER SHUTDOWN RESTRICTIONS ON COLD MILLED PROJECTS

PRIOR TO WINTER SHUTDOWN MANHOLES, WHERE APPLICABLE, SHALL BE ADJUSTED TO THE ELEVATION OF THE BINDER COURSE/LEVELING BINDER TO EASE IN PLOWING SNOW, AND RE-ADJUSTED TO FINISHED GRADE IN THE SPRING. THE INITIAL MANHOLE ADJUSTMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE AND ANY READJUSTMENT, AS DIRECTED BY THE ENGINEER, WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04

ENVIRONMENTAL REVIEWS

PRIOR TO THE USE OF ANY PROPOSED BORROW AREAS, USE AREAS (TEMPORARY ACCESS ROADS, DETOURS, RUN-AROUNDS, ETC.) AND/OR WASTE AREAS, THE CONTRACTOR SHALL FILE THE REQUIRED ENVIRONMENTAL RESOURCE REQUEST SURVEYS ACCORDING TO SECTION 107.22 OF THE STANDARD SPECIFICATIONS. THESE SURVEYS ARE REQUIRED IN ORDER FOR THE DEPARTMENT TO CONDUCT CULTURAL AND BIOLOGICAL RESOURCE SURVEYS FOR THE PROPOSED SITE.

THE REQUIRED ENVIRONMENTAL RESOURCE DOCUMENTATION SHALL INCLUDE THE FOLLOWING:

- BDE FORM 2289 (BORROW SITE REVIEW)
- BDE FORM 2290 (WASTE/USE AREA REVIEW)
- A LOCATION MAP SHOWING THE SIZE LIMITS AND LOCATION OF THE USE AREA
- COLOR PHOTOGRAPHS DEPICTING THE USE AREA
- BORROW AREA ENTRY AGREEMENT FORM - D4 PI0101

PRIOR TO ANY WASTE MATERIALS BEING REMOVED FROM THE CONSTRUCTION SITE THE REQUIRED ENVIRONMENTAL RESOURCE SURVEYS SHALL BE OBTAINED AND FILED BY THE CONTRACTOR. EXCESS WASTE PRODUCTS REMOVED FROM THE CONSTRUCTION SITE SHALL BE DISPOSED OF AS REQUIRED IN SECTION 202.03 OF THE STANDARD SPECIFICATIONS.

ANY PROTRUDING METAL BARS SHALL BE REMOVED PRIOR TO THE DISPOSAL OF BROKEN CONCRETE AT APPROVED DISPOSAL SITES.

PLEASE NOTE THAT A MINIMUM OF FOUR WEEKS SHALL BE ALLOWED FOR THE DISTRICT TO OBTAIN THE REQUIRED WASTE SITE ENVIRONMENTAL CLEARANCES AND SIX WEEKS FOR THE REQUIRED BORROW SITE ENVIRONMENTAL CLEARANCES.

POLYMERIZED BITUMINOUS MATERIALS (TACK COAT) RATES

SURFACE TYPE	RESIDUAL RATE
MILLED (HMA OR PCC)	0.08 LB/SF
EXISTING PAVEMENT	0.08 LB/SF
FOG COAT (BETWEEN LIFTS)	0.08 LB/SF

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

LOCATIONS(S):	MAINLINE
MIXTURE USE(S):	POLYMER SURFACE 2"
AC/PG:	SBS OR SBR 76-22
DESIGN AIR VOIDS:	4.0% @ N=70
MIXTURE COMPOSITION (GRADATION MIXTURE):	IL 9.5
FRICTION AGGREGATE:	MIX D
QUALITY MANAGEMENT:	QCP
MATERIAL TRANSFER DEVICE:	YES

NOTES:

1) INDIVIDUAL LIFT THICKNESSES OF EACH MIX WILL BE NO LESS THAN THREE (3) TIMES NOMINAL MAXIMUM AGGREGATE SIZE AND NO MORE THAN FIVE (5) TIMES NOMINAL AGGREGATE MAXIMUM SIZE, UNLESS OTHERWISE APPROVED BY THE ENGINEER.

2) FOR DESIGN PURPOSES, MIXTURE WEIGHT FOR ALL MIXES IS DETERMINED TO BE 112.0 LB./SQ. YARD/IN., UNLESS OTHERWISE NOTED.

3) SUBLOT SIZES FOR PFP AND QCP MIXES WILL BE 1,000 TONS, UNLESS OTHERWISE AGREED TO BY THE ENGINEER AND THE PAVING CONTRACTOR.

PAVING SURFACE COURSE

CONTINUOUS PAVING OPERATIONS ON THE MAIN ROADWAY SHALL BE MAINTAINED AT ALL TIMES DURING THE CONSTRUCTION OF THE HOT-MIX ASPHALT SURFACE. NO INTERRUPTIONS FOR SIDE ROADS, ENTRANCES, TURN LANES, ETC. WILL BE ALLOWED.

MEDIAN AND ISLAND NOSES

WHEN CONSTRUCTING MEDIAN AND ISLAND NOSES THE FOLLOWING CRITERIA SHOULD BE FOLLOWED:

- BARRIER CURB SHALL BE USED TO CONSTRUCT NOSES WHEN THE MEDIAN OR ISLAND SURROUNDS A MAST ARM OR OTHER NON-BREAKAWAY FOUNDATION.
- RAMPED NOSES SHALL BE USED ON MEDIANS OR ISLANDS WITH BREAKAWAY POSTS.

SIGN POST HOLES

VERTICAL HOLES SHALL BE CONSTRUCTED IN THE ISLAND PAVEMENT AND/OR CONCRETE MEDIAN OF THE TYPE SPECIFIED OR CONCRETE MEDIAN SURFACE 4 INCHES (100 MM). THE HOLES SHALL BE 24 INCHES (600 MM) IN DIAMETER OR 24 INCHES (600 MM) SQUARE AND THEY SHALL BE FREE OF ANY OBSTRUCTION, EXCEPT EARTH, FOR A DEPTH OF 5 FEET (1.5 M) AT THE LOCATIONS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. ANY HOLES NOT USED FOR THE PLACEMENT OF SIGNS SHALL BE FILLED AND COMPACTED FLUSH WITH THE TOP OF THE ISLAND PAVEMENT, CONCRETE MEDIAN OF THE TYPES SPECIFIED, OR CONCRETE MEDIAN SURFACE 4 INCHES (100 MM), THE TOP 3 INCHES (75 MM) OF SAID COMPACTED FILL SHALL CONSIST OF A HOT-MIX ASPHALT MIXTURE. ALL HOLES IN WHICH THE SIGN POSTS ARE INSTALLED AT THE TIME OF THIS CONTRACT SHALL BE SIMILARLY FILLED.

THIS WORK, INCLUDING ANY REQUIRED PAVEMENT REMOVAL NECESSARY TO CONSTRUCT THE SIGN POST HOLES, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER SQUARE FOOT (SQUARE METER) FOR ISLAND PAVEMENT AND/OR CONCRETE MEDIAN OF THE TYPE SPECIFIED, OR CONCRETE MEDIAN SURFACE, 4 INCHES (100 MM).

ADDITIONAL SUPPLEMENTAL TRAFFIC CONTROL

THE DEPARTMENT RESERVES THE RIGHT AT ANY TIME TO ADD ADDITIONAL TRAFFIC CONTROL SYSTEMS OR DEVICES WITHIN THE ACTIVE CONTRACT LIMITS, BY MEANS OF AN ADDITIONAL CONTRACT. ALL TERMS OF ARTICLE 105.08 OF THE STANDARD SPECIFICATIONS SHALL BE FOLLOWED BY EACH CONTRACTOR.

SIGNING

SIGN LOCATIONS MAY VARY FROM THE STATIONS SHOWN ON THE PLANS IN ACCORDANCE WITH DIRECTIONS FROM THE ENGINEER AT THE TIME OF CONSTRUCTION. SIGN LOCATIONS MAY BE ADJUSTED IN THE FIELD TO AVOID ANY FOUND UTILITIES.

ALL WOOD POST LOCATIONS SHALL BE VERIFIED WITH THE BUREAU OF OPERATIONS, TRAFFIC SECTION, BEFORE INSTALLATION.

PROJECT SPECIFIC GENERAL NOTES

LOCATING IDOT FACILITIES

THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING EXISTING IDOT ELECTRICAL FACILITIES AT HIS/HER OWN EXPENSE IF REQUIRED PRIOR TO PERFORMING ANY WORK. THE CONTRACTOR SHALL ALSO BE LIABLE FOR ANY DAMAGE TO IDOT FACILITIES RESULTING FROM INACCURATE LOCATING.

MIXTURE FOR CRACKS, JOINTS AND FLANGWAYS

MIXTURES FOR JOINTS, CRACKS, AND FLANGWAYS SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

SURVEYS

NO SURVEY WAS PERFORMED ON THIS PROJECT. ALL THE INFORMATION WAS OBTAINED FROM OLD PLANS, THE INTERNET, AND ON-SITE SCANNING.

EARTH EXCAVATION - INCIDENTAL TO CURB, GUTTER, MEDIAN & ISLANDS

EARTH EXCAVATION AND BACKFILL FOR PROPOSED CURB AND GUTTERS, MEDIANS AND ISLANDS SHALL BE INCLUDED IN THE UNIT COST OF THE VARIOUS ITEMS.

HIGH-EARLY STRENGTH CONCRETE

HIGH EARLY STRENGTH CONCRETE MIX CAN BE USED FOR THE CONSTRUCTION OF THE VARIOUS ELEMENTS RELATED TO THE PROPOSED ISLANDS AND MEDIANS.

LANE CLOSURES

NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED EXCEPT FOR THE REMOVAL AND REPLACEMENT OF THE IL 40 CHANNELIZING ISLAND, THE TWO CORNER ISLANDS AT THE INTERSECTION OF IL 40 AND PIONEER PARKWAY, AND CENTER MEDIAN ON PIONEER PARKWAY.

MILLED SURFACES

THE CONTRACTOR SHALL ORGANIZE THE WORK ON THIS PROJECT SO THAT TRAFFIC CAN NOT DRIVE ON THE PROPOSED MILLED ROADWAY SURFACES. EACH LANE SHALL BE MILLED, CLEANED, TACKED AND RESURFACED PRIOR TO OPENING TO TRAFFIC.

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				0005	
				RESURFACING	
				URBAN	
				100% STATE	
				PEORIA COUNTY	
40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	4852	4852	
40600370	LONGITUDINAL JOINT SEALANT	FOOT	2748	2748	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	202	202	
40600990	TEMPORARY RAMP	SQ YD	238	238	
40604162	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	1208	1208	
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	10580	10580	
44003100	MEDIAN REMOVAL	SQ FT	1928	1928	
60261400	INLETS TO BE ADJUSTED WITH NEW TYPE 12 FRAME AND GRATE	EACH	1	1	
60603500	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06	FOOT	156	156	
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	129	129	
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	41	41	
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	923	923	
60619200	CONCRETE MEDIAN, TYPE SB-6.06	SQ FT	43	43	
60619600	CONCRETE MEDIAN, TYPE SB-6.12	SQ FT	82	82	

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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.
646	[(126)RS-8;(Y)RS-7]CG,MED	PEORIA	27	3
CONTRACT NO. 68J07			ILLINOIS FED. AID PROJECT	

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				0005	
				RESURFACING	
				URBAN	
				100% STATE	
				PEORIA COUNTY	
60622800	CONCRETE MEDIAN, TYPE SM-6.12	SQ FT	38	38	
60620000	CONCRETE MEDIAN, TYPE SB-6.24	SQ FT	331	331	
67100100	MOBILIZATION	L SUM	1	1	
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1	
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	20	20	
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	171	171	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	965	965	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	255	255	
* 72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	9	9	
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	12	12	
73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	1	1	
* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	109	109	
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	7718	7718	

*= SPECIALTY ITEM

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**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.
646	[(126)RS-8;(Y)RS-7]CG,MED	PEORIA	27	4
CONTRACT NO. 68J07			ILLINOIS FED. AID PROJECT	

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				0005	RESURFACING
				URBAN	
				100% STATE	
				PEORIA COUNTY	
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	665	665	
* 78009008	MODIFIED URETHANE MARKING - LINE 8"	FOOT	1117	1117	
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	373	373	
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	84	84	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	112	112	
* 78200020	CURB REFLECTORS	EACH	38	38	
X2600002	RECOVERABLE DELINEATORS	EACH	50	50	
X7010230	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602 (SPECIAL)	L SUM	1	1	
X7010234	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701 (SPECIAL)	L SUM	1	1	
Z0012500	CONCRETE CURB REPAIR	FOOT	14	14	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	

* = SPECIALTY ITEM

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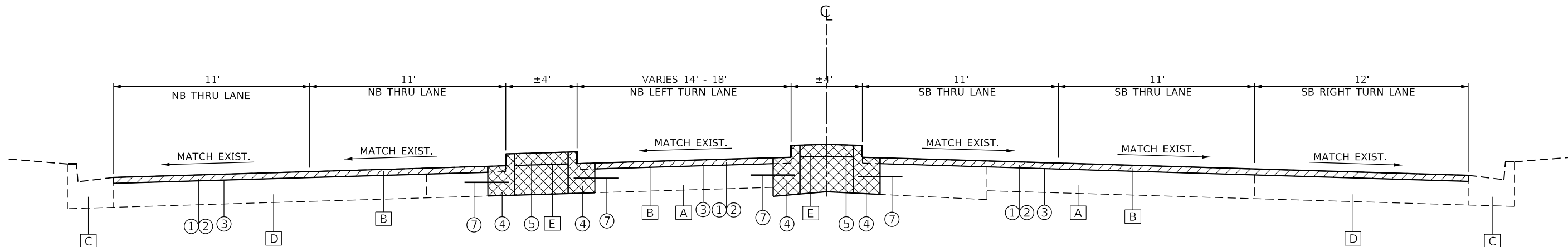
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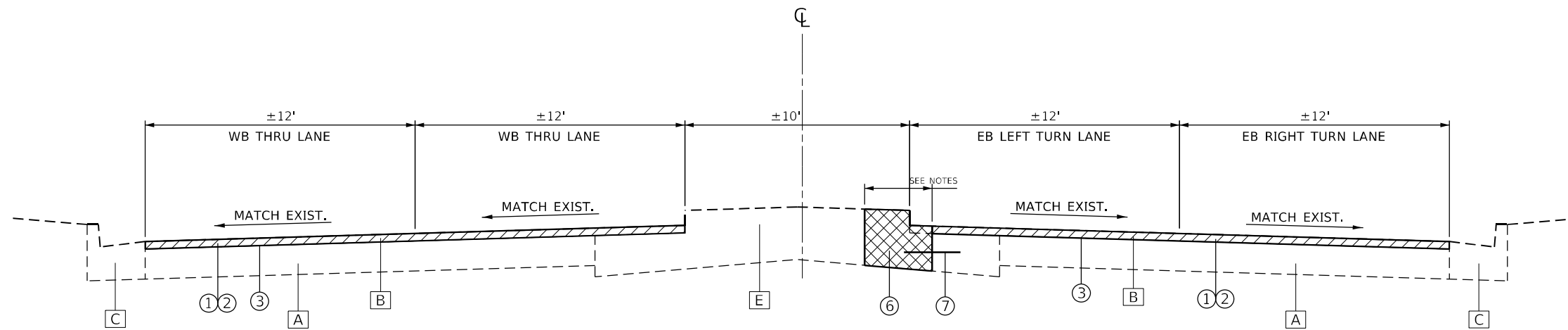
SUMMARY OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	[(126)RS-8;(Y)RS-7]CG,MED	PEORIA	27	5
CONTRACT NO. 68J07				
ILLINOIS		FED. AID PROJECT		



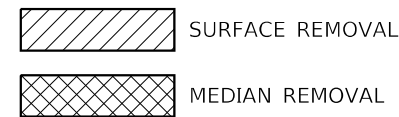
IL 40 (KNOXVILLE AVENUE)
TYPICAL SECTION
 STA. 37+00 TO STA. 49+90



FAU 6643 (PIONEER PARKWAY)
TYPICAL SECTION
 STA. 287+15 TO STA. 288+00

LEGEND

- | | |
|--------------------------------|---|
| [A] EX PCC PAVEMENT | ① PR HMA SURFACE REMOVAL, 2" |
| [B] EX HMA OVERLAY (2") | ② PR POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 |
| [C] EX COMB CONC CURB & GUTTER | ③ PR POLYMERIZED BITUMINOUS MATERIALS (TACK COAT) |
| [D] EX WIDENING | ④ PR COMB. CONC. C&G, VAR. TYPES (SEE DETAILS) |
| [E] EX CONC MEDIAN | ⑤ PR CONCRETE MEDIAN SURFACE, 4 INCH |
| | ⑥ PR CONCRETE CURB REPAIR |
| | ⑦ PR TIE BARS (SEE APPLICABLE HWY STDS) |



NOTES

HMA SURFACE REMOVAL SHALL EXTEND TO THE PCC BASE COURSE. NO EXISTING HMA PAVEMENT MATERIAL SHALL REMAIN PRIOR TO HMA SURFACE COURSE APPLICATION.

SEE MEDIAN PLAN FOR LIMITS OF PARTIAL MEDIAN REMOVAL/REPLACEMENT ON PIONEER PARKWAY.

SEE STRIPING PLAN FOR LANE MARKING DETAILS.

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PLOT DATE = 3/22/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS			
SCALE: NTS	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	[(126)RS-8;(Y)RS-7]CG,MED	PEORIA	27	6
CONTRACT NO. 68J07				
ILLINOIS FED. AID PROJECT				

RESURFACING SCHEDULE								
LOCATION			TEMPORARY RAMP	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	LONGITUDINAL JOINT SEALANT	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 (2 INCH)
STATION	TO	STATION	SQ YD	SQ YD	SQ YD	POUND	FOOT	TON
IL ROUTE 40								
37+00.00	TO	49+90.00	163.0	145.5	9996.7	4564.0	2580.0	1135.9
PIONEER PARKWAY								
287+15.00	TO	287+99.06	75.0	56.8	583.3	288.1	168.1	71.7
TOTAL:			238	202	10580	4852	2748	1208

MISCELLANEOUS SCHEDULE				
LOCATION	RELOCATE SIGN PANEL - TYPE 1	TELESCOPING STEEL SIGN SUPPORT	BASE FOR TELESCOPING STEEL SIGN SUPPORT	INLETS TO BE ADJUSTED WITH NEW TYPE 12 FRAME AND GRATE
STATION	SQ FT	FOOT	EACH	FOOT
IL ROUTE 40 NB MEDIAN				
44+05.00	9.0	12.0	1.0	
44+43.25				1.0
TOTAL:		9	12	1

CURB & GUTTER AND MEDIAN SCHEDULE												
LOCATION			MEDIAN REMOVAL	COMBINATION CONCRETE CURB AND GUTTER,			CONCRETE MEDIAN,				CONCRETE MEDIAN SURFACE, 4 INCH	CONCRETE CURB REPAIR
STATION	TO	STATION		B-6.06	B-6.12	B-6.24	SB-6.06	SB-6.12	SM-6.24	SB-6.24		
STATION	TO	STATION	SQ FT	FOOT	FOOT	FOOT	SQ FT	SQ FT	SQ FT	SQ FT	SQ FT	FOOT
IL ROUTE 40 NB MEDIAN												
44+06.00	TO	45+27.55	850.0	121.5							428.2	
43+97.50	TO	44+06.00						38.3				
44+06.00	TO	44+42.68			38.5							
44+42.68	TO	44+58.15		17.5								
44+58.15	TO	44+70.69					42.7					
44+70.69	TO	44+86.61		17.3								
44+86.61	TO	45+27.55			40.9							
45+27.55	TO	45+36.05						38.3				
IL ROUTE 40 SB RT ISLAND												
44+10.22	TO	44+40.10	426.0		15.9						176.8	
					8.8							
						10.5						
							44.1					
									48.7			
PIONEER PARKWAY EB RT ISLAND												
44+84.78	TO	45+21.80	652.0			13.0					318.1	
						17.9						
					25.1							
								79.7				
								60.3				
PIONEER PARKWAY												
287+60.50	TO	287+74.50										14.0
TOTAL:			1928	156	129	41	43	82	38	331	923	14

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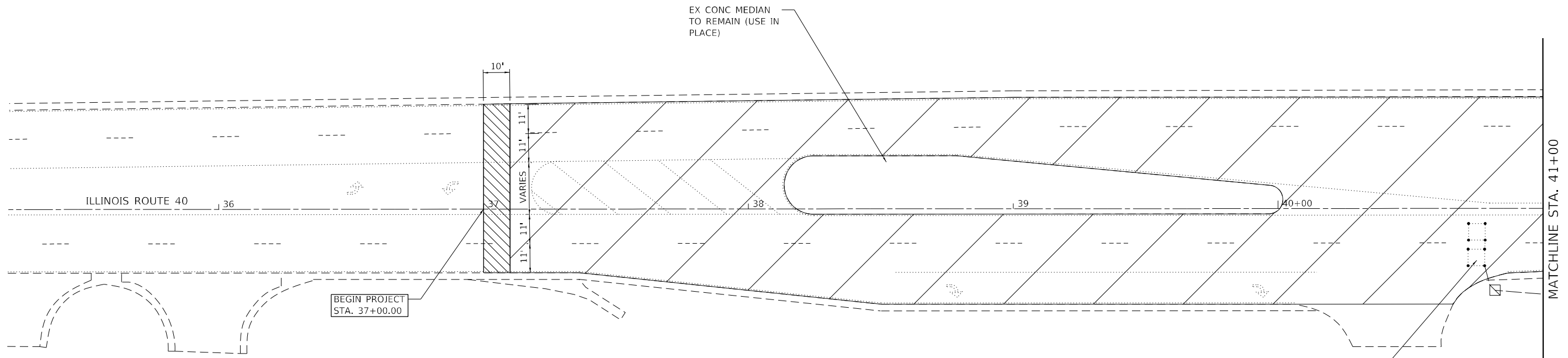


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PLOT SCALE = 2,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/22/2024	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	[(126)RS-8;(Y)RS-7]CG,MED	PEORIA	27	7
CONTRACT NO. 68J07				
ILLINOIS FED. AID PROJECT				




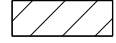

EX CONC MEDIAN
TO REMAIN (USE IN
PLACE)

BEGIN PROJECT
STA. 37+00.00

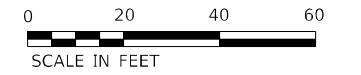
EX. DETECTOR
LOOPS TO BE
REMOVED
(SEE NOTE 1)

GREEN
CHEVROLET

LEGEND

-  HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
-  HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
-  MEDIAN REMOVAL

NOTES:
1. COST INCLUDED IN THE CONTRACT UNIT PRICE PER SQUARE YARD FOR HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH



MODEL: D:\p4\h... FILE NAME: P:\2023\2098\A - IL_40_31_Planeer Resurfacing\1_CADD - DWG\1_1_Tran\CADD_Sheets\06B002-sub-ent01.dgn

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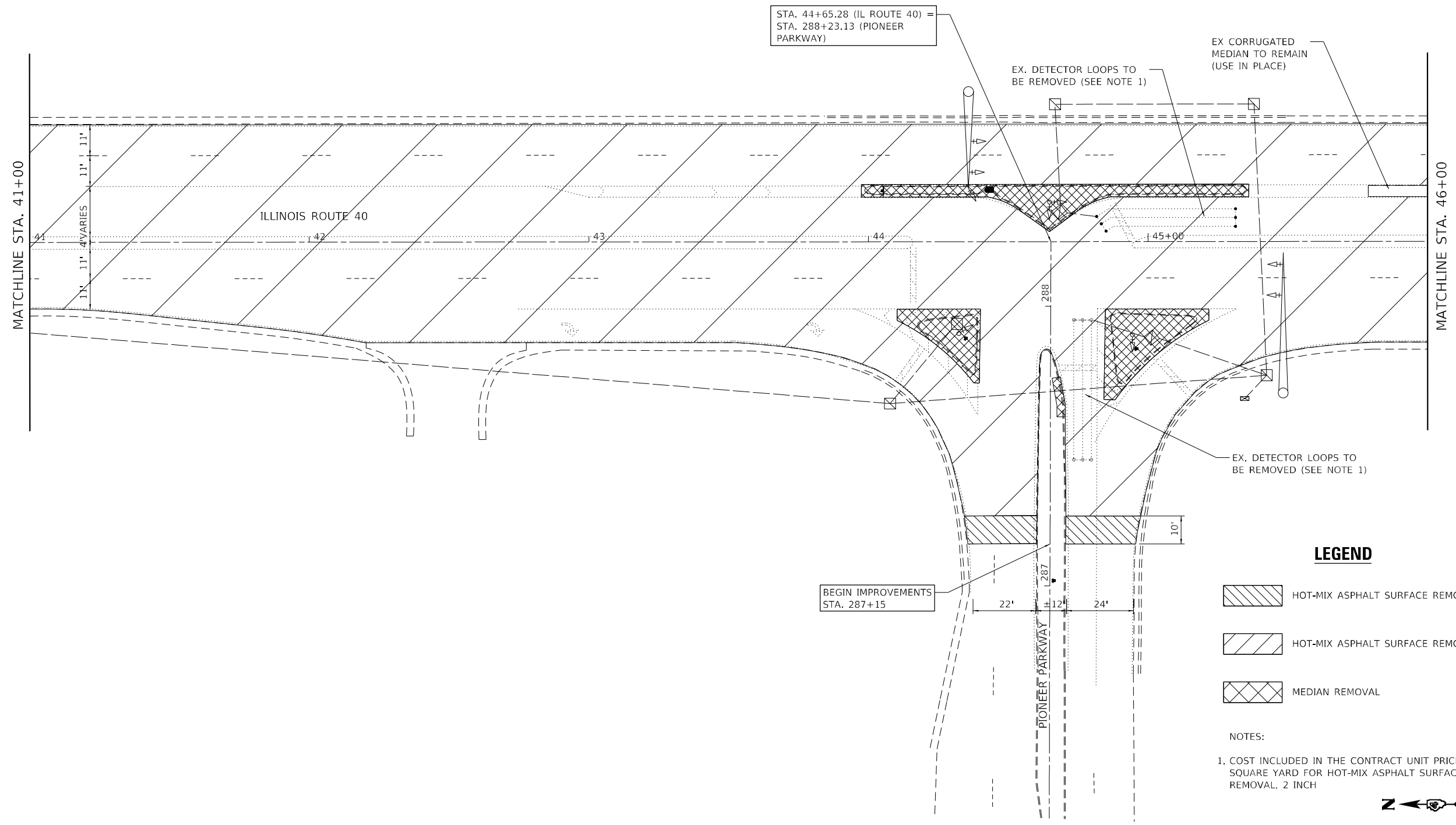
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	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 3/22/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 40
REMOVAL PLAN**

SCALE: 1"=20' SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	[(126)RS-8;(Y)RS-7]CG,MED	PEORIA	27	9
CONTRACT NO. 68J07				
ILLINOIS FED. AID PROJECT				



LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
- MEDIAN REMOVAL

NOTES:
 1. COST INCLUDED IN THE CONTRACT UNIT PRICE PER SQUARE YARD FOR HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH



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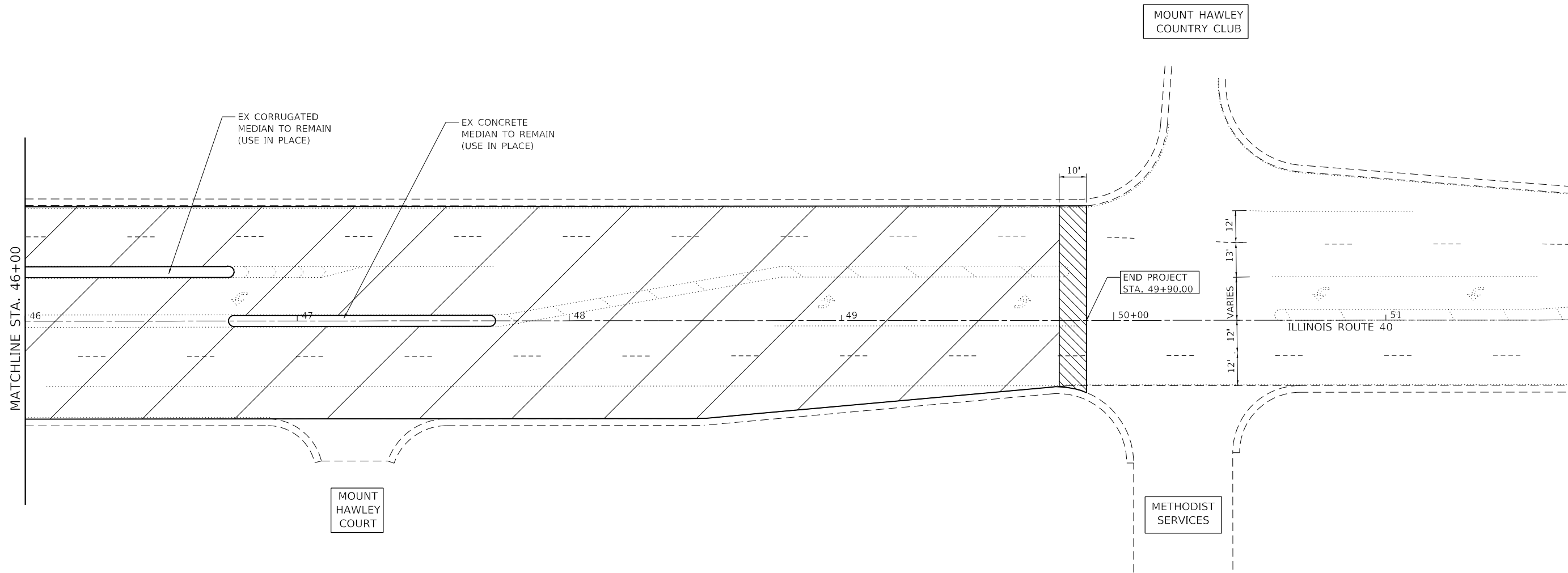
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PLOT DATE = 3/22/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**




**IL ROUTE 40
 REMOVAL PLAN**

SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	[(126)RS-8;(Y)RS-7]CG,MED	PEORIA	27	10
CONTRACT NO. 68J07				
ILLINOIS FED. AID PROJECT				

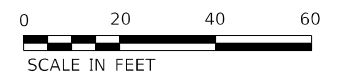


LEGEND

-  HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
-  HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
-  MEDIAN REMOVAL

NOTES:

1. COST INCLUDED IN THE CONTRACT UNIT PRICE PER SQUARE YARD FOR HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH



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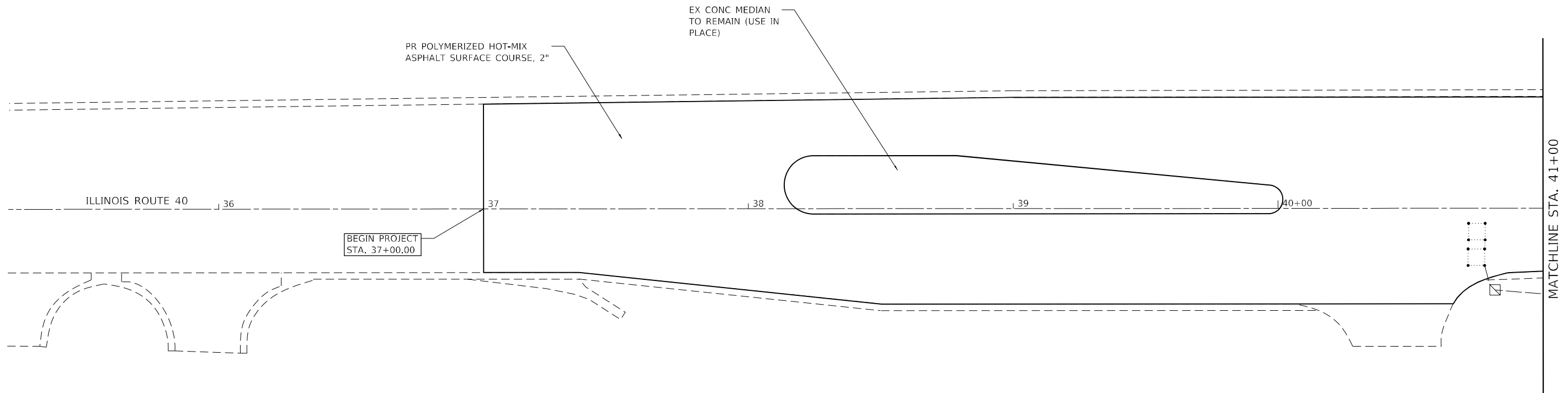
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PLOT DATE = 3/22/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 40
REMOVAL PLAN**

SCALE: 1"=20' SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	[(126)RS-8;(Y)RS-7]CG,MED	PEORIA	27	11
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68J07	



BEGIN PROJECT
STA. 37+00.00

PR POLYMERIZED HOT-MIX
ASPHALT SURFACE COURSE, 2"

EX CONC MEDIAN
TO REMAIN (USE IN
PLACE)

GREEN
CHEVROLET

MATCHLINE STA. 41+00



MODEL: D:\d4\h
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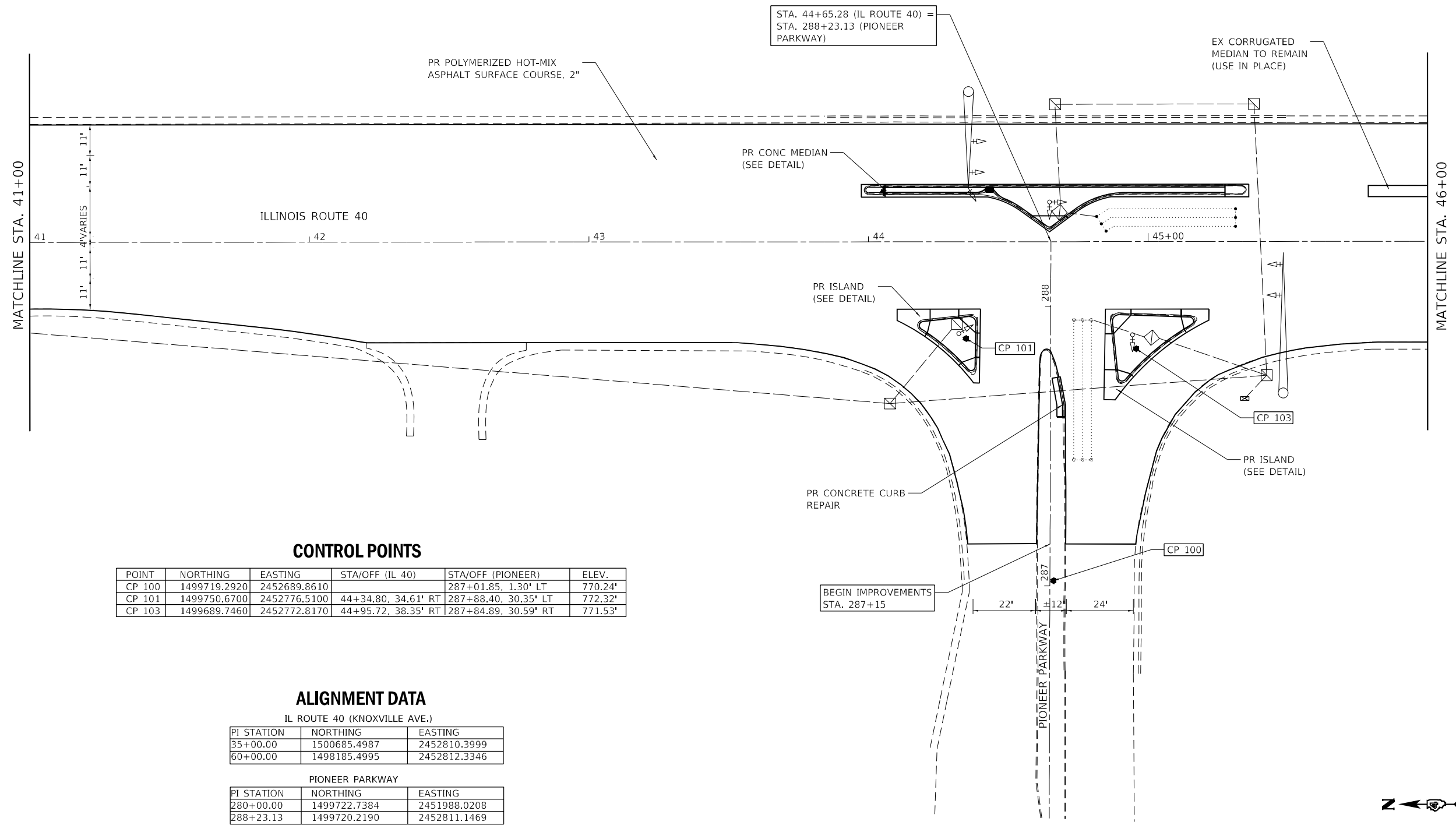


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	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 3/22/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL ROUTE 40 PLAN	
SCALE: 1"=20'	SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	[(126)RS-8;(Y)RS-7]CG,MED	PEORIA	27	12
CONTRACT NO. 68J07				
ILLINOIS FED. AID PROJECT				



CONTROL POINTS

POINT	NORTHING	EASTING	STA/OFF (IL 40)	STA/OFF (PIONEER)	ELEV.
CP 100	1499719.2920	2452689.8610		287+01.85, 1.30' LT	770.24'
CP 101	1499750.6700	2452776.5100	44+34.80, 34.61' RT	287+88.40, 30.35' LT	772.32'
CP 103	1499689.7460	2452772.8170	44+95.72, 38.35' RT	287+84.89, 30.59' RT	771.53'

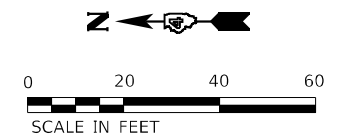
ALIGNMENT DATA

IL ROUTE 40 (KNOXVILLE AVE.)

PI STATION	NORTHING	EASTING
35+00.00	1500685.4987	2452810.3999
60+00.00	1498185.4995	2452812.3346

PIONEER PARKWAY

PI STATION	NORTHING	EASTING
280+00.00	1499722.7384	2451988.0208
288+23.13	1499720.2190	2452811.1469



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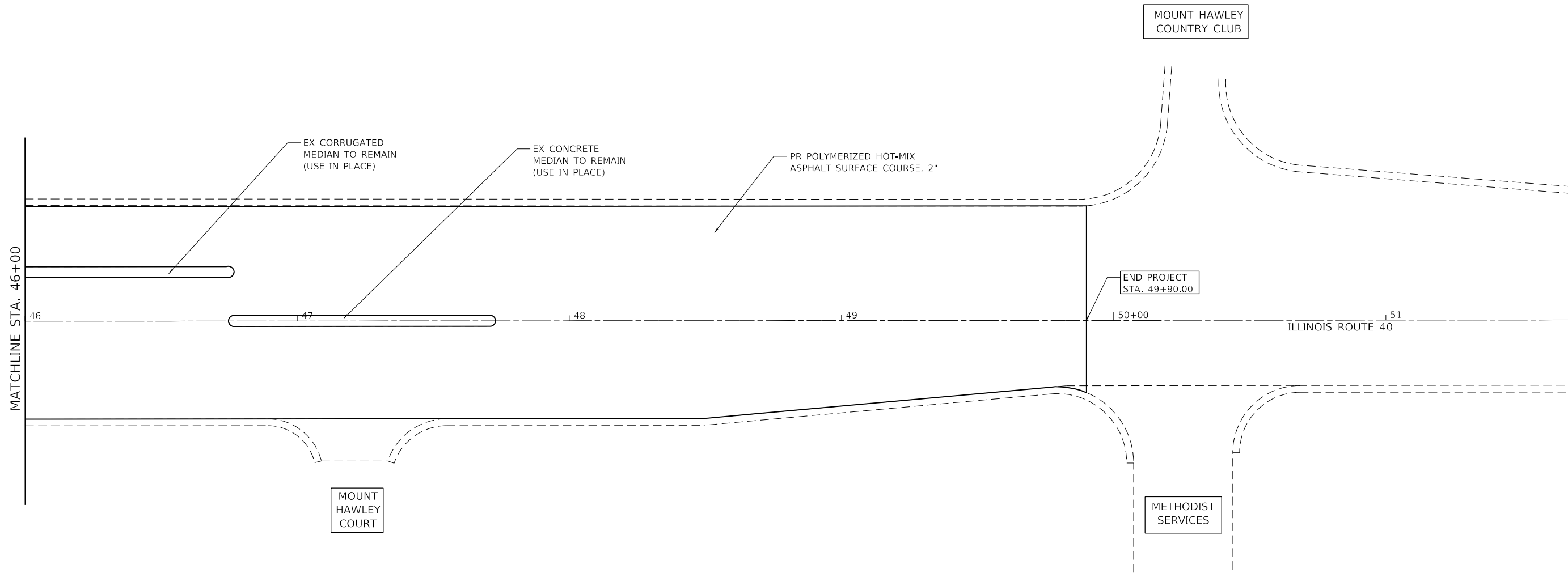
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 DESIGNED -
 DRAWN -
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 PLOT DATE = 3/22/2024

REVISIONS:
 REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 40
PLAN
 SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	[(126)RS-8;(Y)RS-7]CG,MED	PEORIA	27	13
CONTRACT NO. 68J07				
ILLINOIS FED. AID PROJECT				



MATCHLINE STA. 46+00

MOUNT HAWLEY COUNTRY CLUB

END PROJECT STA. 49+90.00

ILLINOIS ROUTE 40

MOUNT HAWLEY COURT

METHODIST SERVICES



MODEL: D:\p4\h... FILE NAME: P:\2023\20230904A - IL_40_31_Planeer Resurfacing\1_CADD - DWG\1_1_Tran\CADD_Sheet1\046807-2h-cab03.dgn

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USER NAME = jstein	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 3/22/2024	DATE -	REVISED -

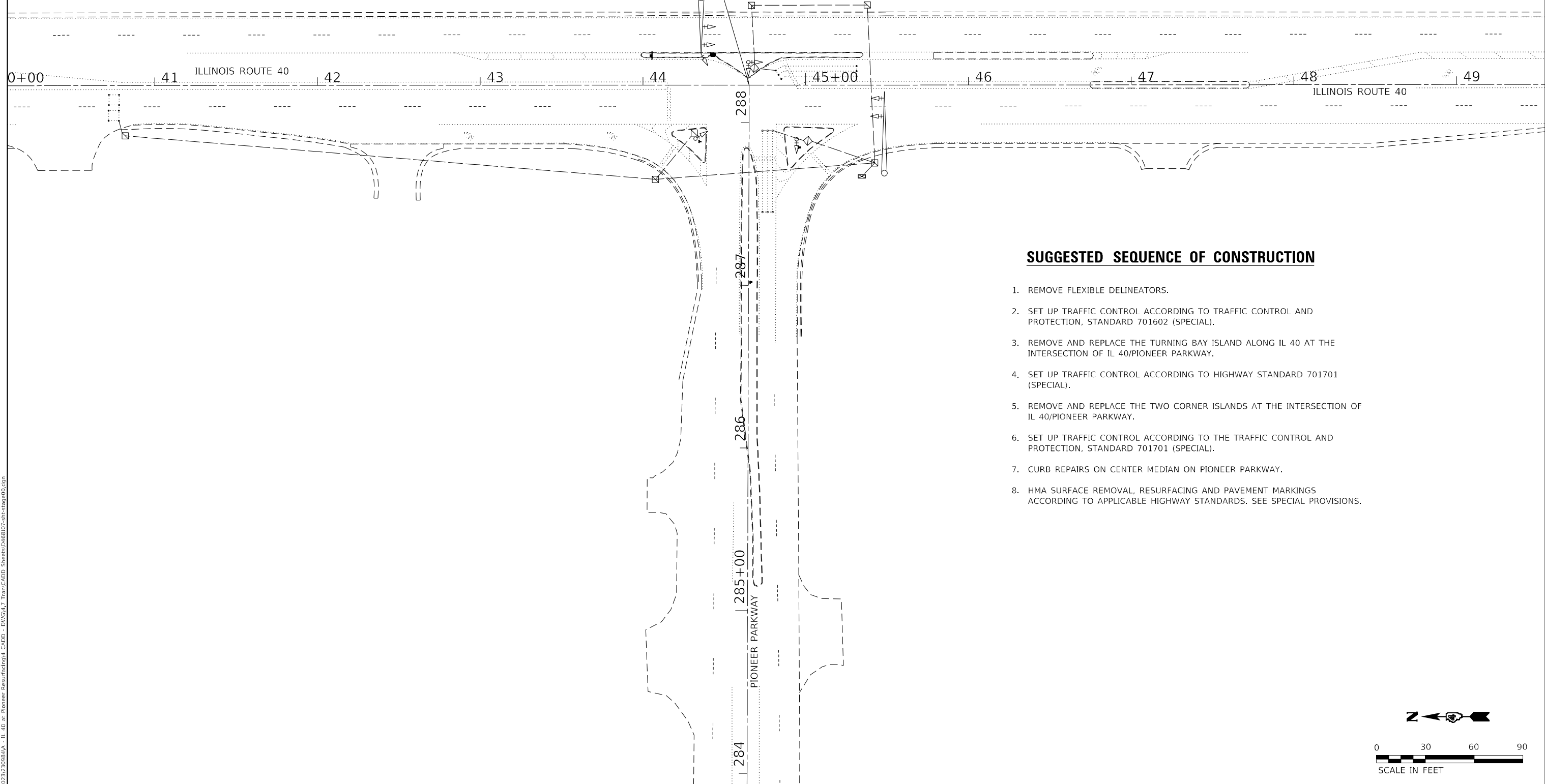
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 40
PLAN**

SCALE: 1"=20' SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	[(126)RS-8;(Y)RS-7]CG,MED	PEORIA	27	14
CONTRACT NO. 68J07				
ILLINOIS FED. AID PROJECT				

STA. 44+65.28 (IL ROUTE 40) =
 STA. 288+23.13 (PIONEER
 PARKWAY)



SUGGESTED SEQUENCE OF CONSTRUCTION

1. REMOVE FLEXIBLE DELINEATORS.
2. SET UP TRAFFIC CONTROL ACCORDING TO TRAFFIC CONTROL AND PROTECTION, STANDARD 701602 (SPECIAL).
3. REMOVE AND REPLACE THE TURNING BAY ISLAND ALONG IL 40 AT THE INTERSECTION OF IL 40/PIONEER PARKWAY.
4. SET UP TRAFFIC CONTROL ACCORDING TO HIGHWAY STANDARD 701701 (SPECIAL).
5. REMOVE AND REPLACE THE TWO CORNER ISLANDS AT THE INTERSECTION OF IL 40/PIONEER PARKWAY.
6. SET UP TRAFFIC CONTROL ACCORDING TO THE TRAFFIC CONTROL AND PROTECTION, STANDARD 701701 (SPECIAL).
7. CURB REPAIRS ON CENTER MEDIAN ON PIONEER PARKWAY.
8. HMA SURFACE REMOVAL, RESURFACING AND PAVEMENT MARKINGS ACCORDING TO APPLICABLE HIGHWAY STANDARDS. SEE SPECIAL PROVISIONS.

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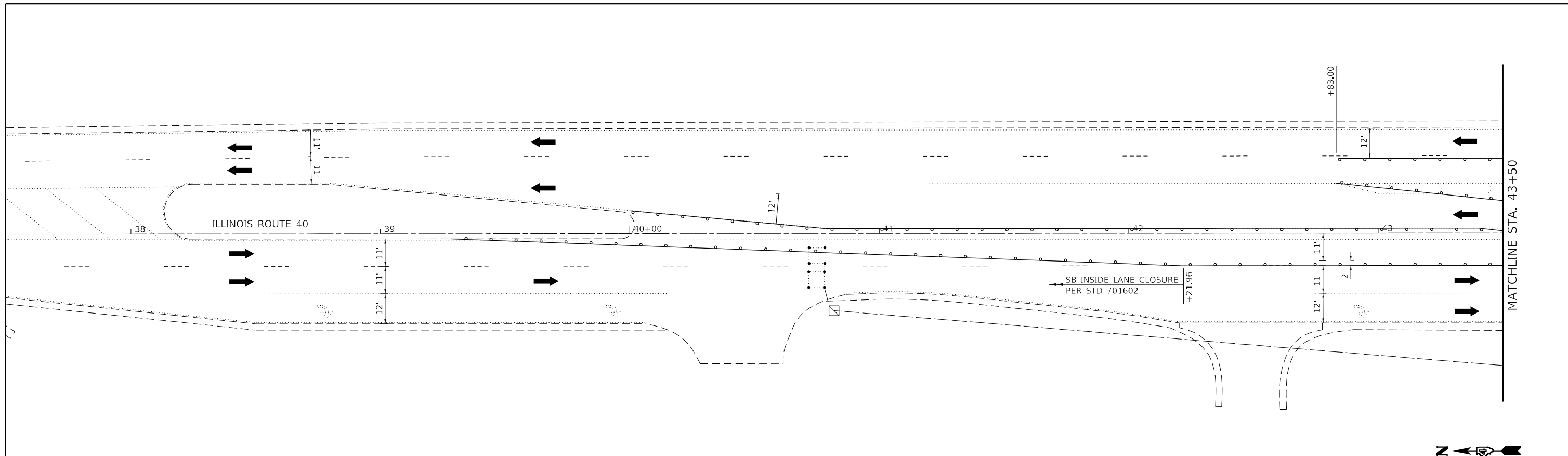

TWM, INC.
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 LICENSE NO:
 184-001220

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	DRAWN -	REVISED -
PLOT SCALE = 60,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 3/22/2024	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUGGESTED SEQUENCE OF CONSTRUCTION			
SCALE: 1"=30'	SHEET 1	OF 1 SHEETS	STA. TO STA.





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CONTRACT NO. 68J07				
ILLINOIS FED. AID PROJECT				

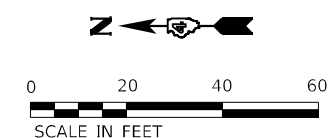
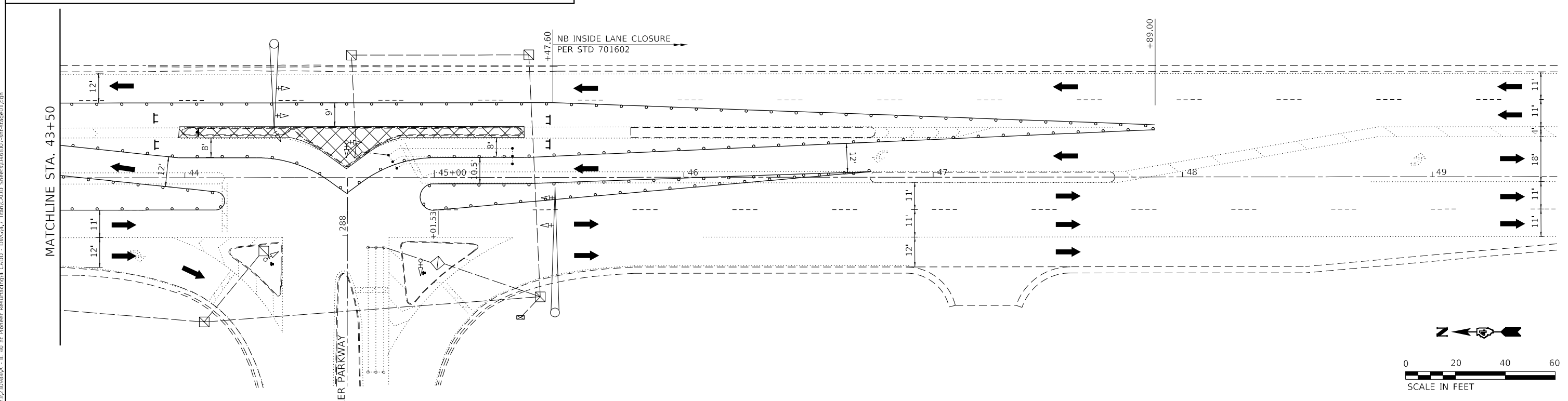
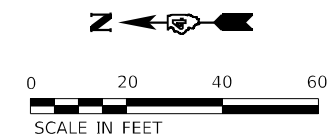


NOTES

1. FOLLOW HIGHWAY STANDARD 701602 EXCEPT AS MODIFIED FOR PLACEMENT OF CONES, DRUMS OR BARRICADES.
2. ALL OPEN HOLES LEFT OVERNIGHT SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES WITH STEADY BURN LIGHTS
3. TC&P, STD 701602 (SPECIAL) MAY BE LEFT IN PLACE WHILE THE CONTRACTOR IS NOT WORKING. SEE SPECIAL PROVISIONS

LEGEND

-  WORK AREA
-  TRAFFIC DIRECTION
-  TYPE III BARRICADE
-  CONES, DRUMS OR BARRICADES (20' CTS)



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 USER: jstein


TWM, INC.
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USER NAME = jstein	DESIGNED -	REVISIONS
PLOT SCALE = 40,0000 * / in.	DRAWN -	REVISIONS
PLOT DATE = 3/22/2024	CHECKED -	REVISIONS
	DATE -	REVISIONS

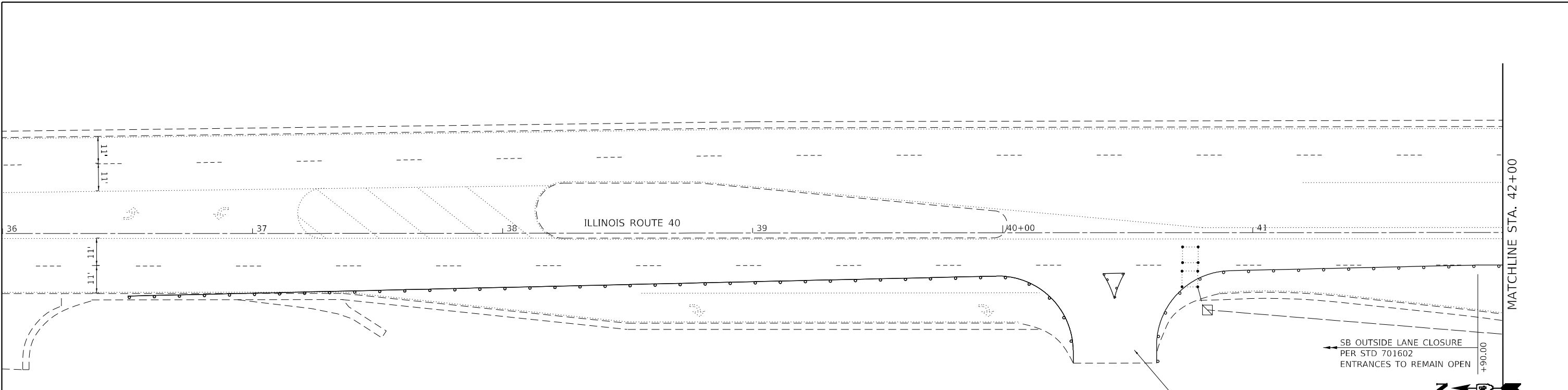
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CHECKED -	REVISIONS
DATE -	REVISIONS

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC CONTROL AND PROTECTION, STANDARD 701602 (SPECIAL)

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





F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 68J07				
ILLINOIS FED. AID PROJECT				

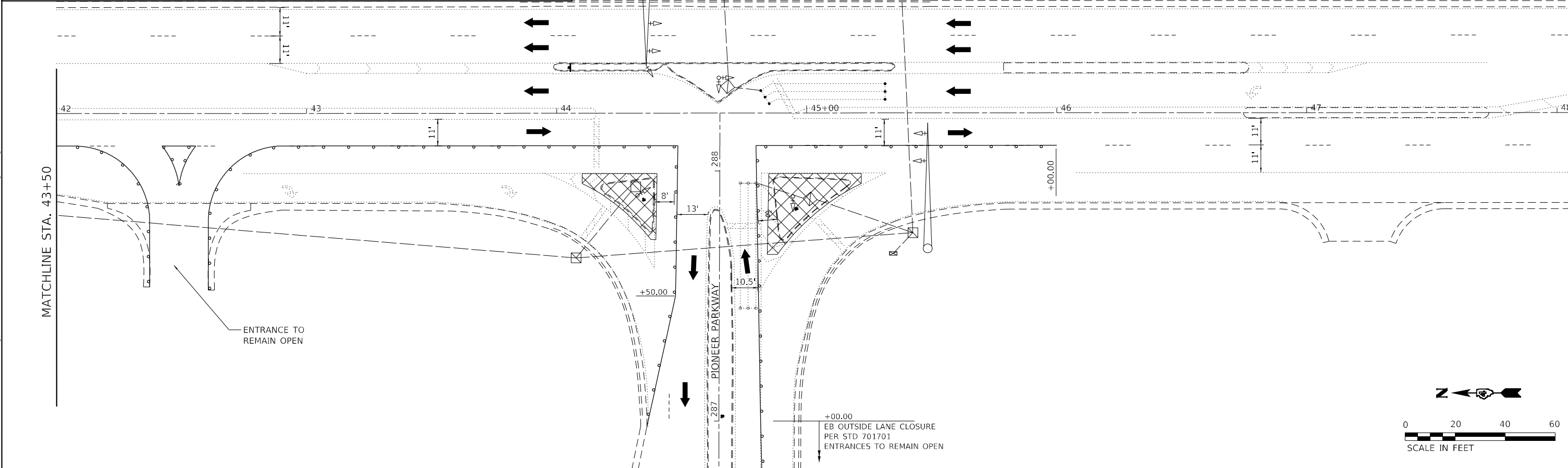


NOTES

1. FOLLOW HIGHWAY STANDARD 701602 EXCEPT AS MODIFIED FOR PLACEMENT OF CONES, DRUMS OR BARRICADES.
2. ALL OPEN HOLES LEFT OVERNIGHT SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES WITH STEADY BURN LIGHTS
3. TC&P, STD 701701(SPECIAL) MAY BE LEFT IN PLACE WHILE THE CONTRACTOR IS NOT WORKING. SEE SPECIAL PROVISIONS
4. ALL ENTRANCES TO REMAIN OPEN

LEGEND

-  WORK AREA
-  TRAFFIC DIRECTION
-  TYPE III BARRICADE
-  CONES, DRUMS OR BARRICADES (20' CTS)



MODEL: Dwg.rvt
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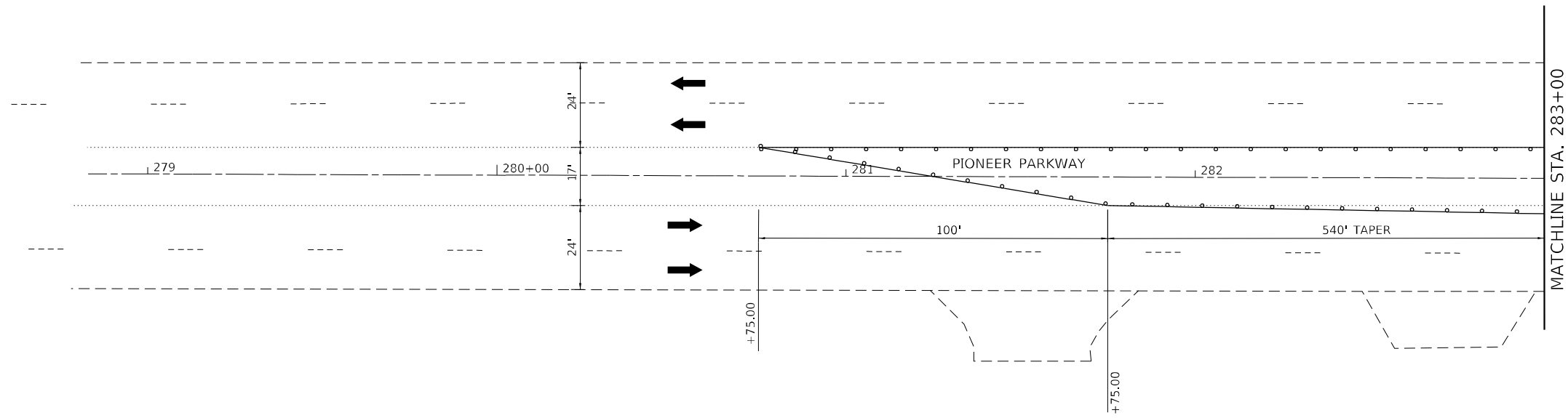
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC CONTROL AND PROTECTION, STANDARD 701701 (SPECIAL)

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





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646	[(126)RS-8;(Y)RS-7]CG, MED	PEORIA	27	17
CONTRACT NO. 68J07				
ILLINOIS FED. AID PROJECT				

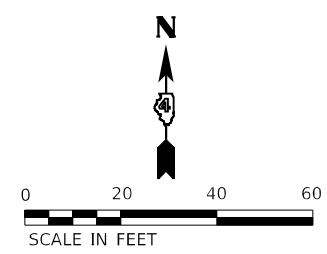
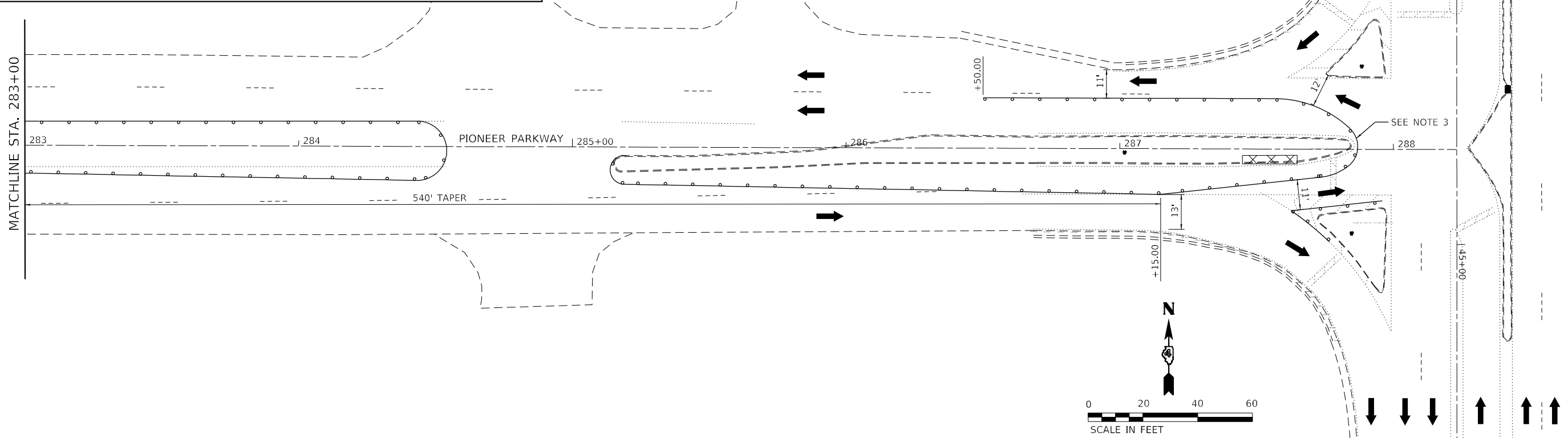
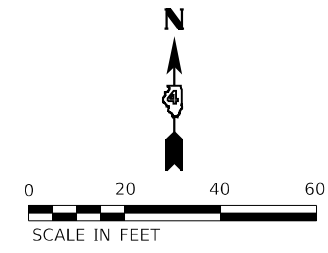


NOTES

1. FOLLOW HIGHWAY STANDARD 701602 EXCEPT AS MODIFIED FOR PLACEMENT OF CONES, DRUMS OR BARRICADES.
2. ALL OPEN HOLES LEFT OVERNIGHT SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES WITH STEADY BURN LIGHTS
3. TC&P, STD 701701 (SPECIAL) MAY BE LEFT IN PLACE WHILE THE CONTRACTOR IS NOT WORKING. SEE SPECIAL PROVISIONS
4. ALL ENTRANCES TO REMAIN OPEN

LEGEND

-  WORK AREA
-  TRAFFIC DIRECTION
-  TYPE III BARRICADE
-  CONES, DRUMS OR BARRICADES (20' CTS)



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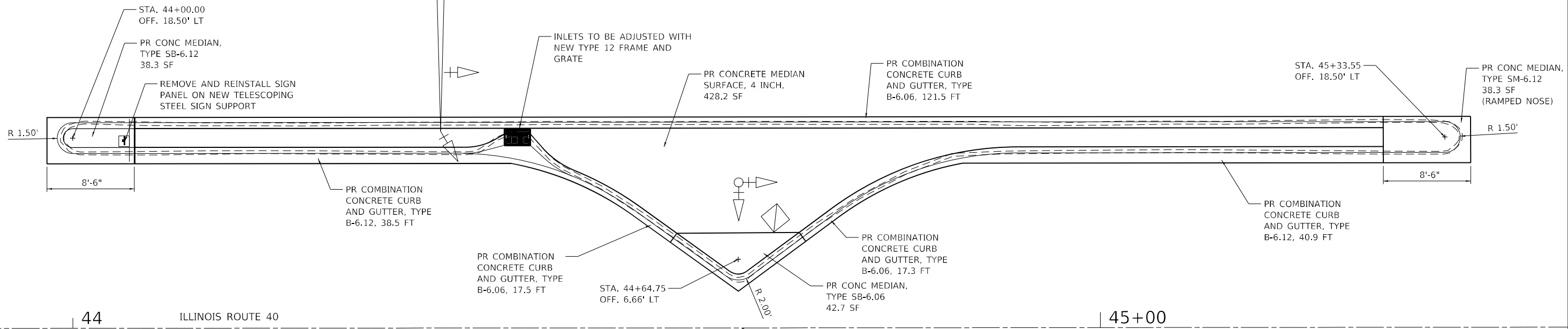
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PLOT SCALE = 40,0000 * / in.	DRAWN -	REVISED -
PLOT DATE = 3/22/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC CONTROL AND PROTECTION, STANDARD 701701 (SPECIAL)

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

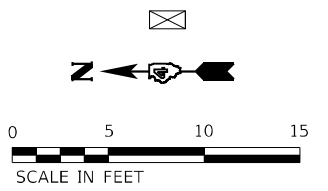
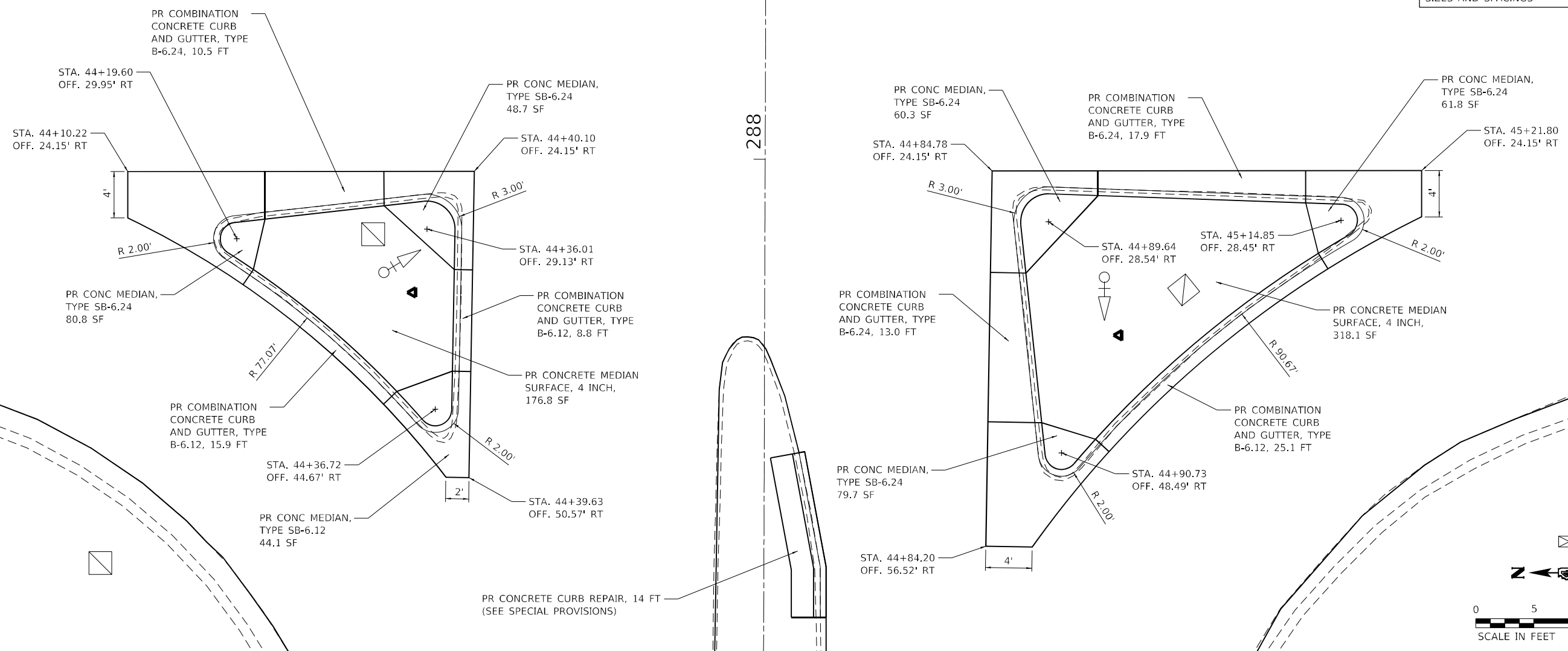
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	[(126)RS-8;(Y)RS-7]CG, MED	PEORIA	27	18
CONTRACT NO. 68J07				
ILLINOIS FED. AID PROJECT				



44 ILLINOIS ROUTE 40 45+00

STA. 44+65.28 (IL ROUTE 40) =
STA. 288+23.13 (PIONEER
PARKWAY)

NOTES:
UNLESS OTHERWISE NOTED, ALL MEDIAN
NOSES SHALL BE BARRIER (NOT RAMPED)
SEE APPLICABLE HWY STDS FOR TIE BAR
SIZES AND SPACINGS



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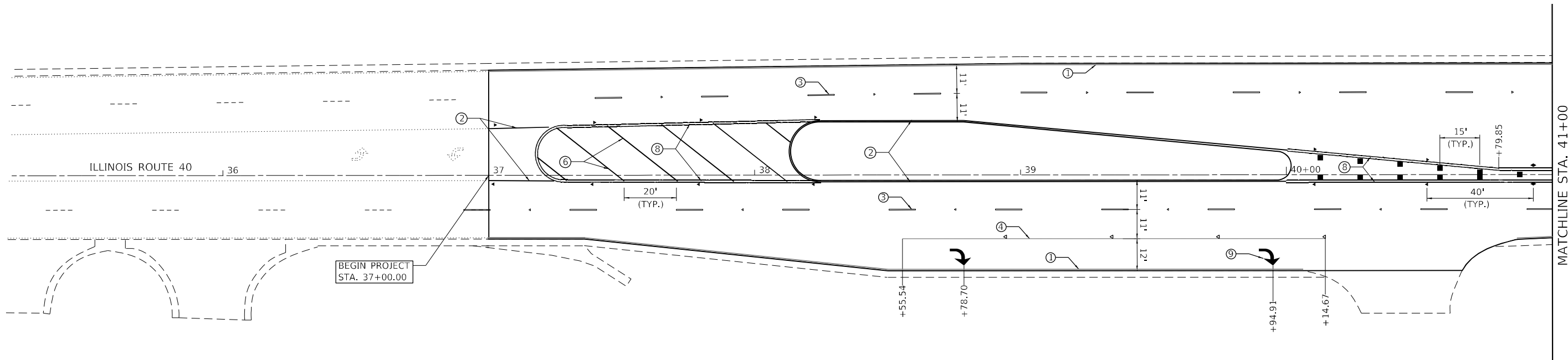


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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 40
MEDIANS/SLAND DETAILS
SCALE: 1"=5' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	[(126)RS-8;(Y)RS-7]CG,MED	PEORIA	27	19
CONTRACT NO. 68J07				
ILLINOIS FED. AID PROJECT				



GREEN
CHEVROLET

LEGEND

- ① 4" SOLID WHITE
- ② 4" SOLID YELLOW
- ③ 6" SKIP-DASH WHITE
- ④ 8" SOLID WHITE
- ⑤ 12" SOLID WHITE
- ⑥ 12" SOLID YELLOW
- ⑦ 24" SOLID WHITE
- ⑧ 4" DBL SOLID YELLOW
- ⑨ WHITE LTR & SYM
- ◀ ONE-WAY AMBER RRP
- ◀ ONE-WAY CRYSTAL RRP
- ◀ TWO-WAY AMBER RRP
- RECOVERABLE DELINEATOR



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TWM, INC.
 WWW.TWM-INC.COM
 IL DESIGN FIRM LICENSE NO: 184-001220

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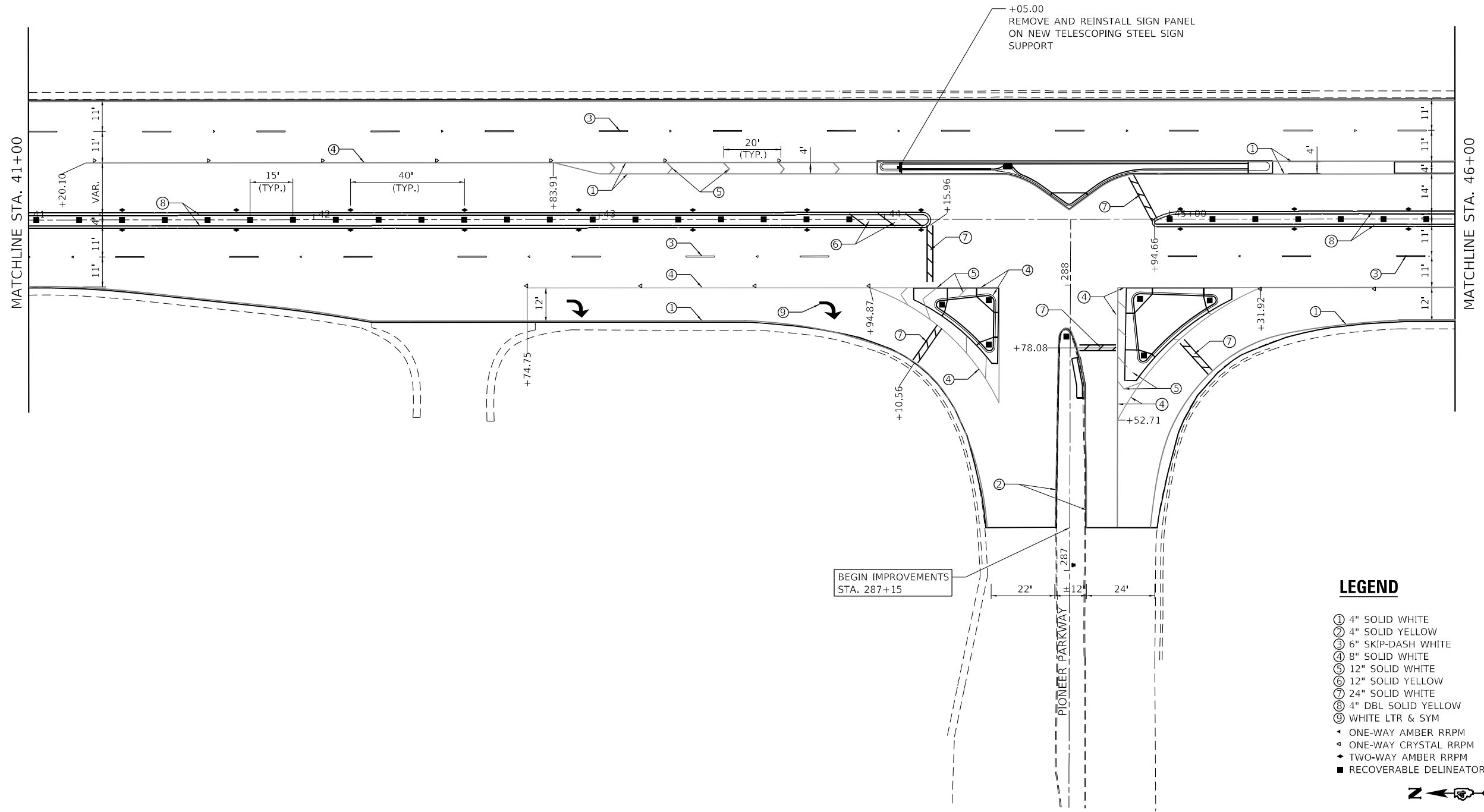
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 40
PAVEMENT MARKING PLAN

SCALE: 1"=20' SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	[(126)RS-8;(Y)RS-7]CG,MED	PEORIA	27	20
CONTRACT NO. 68J07				
ILLINOIS FED. AID PROJECT				

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- LEGEND**
- ① 4" SOLID WHITE
 - ② 4" SOLID YELLOW
 - ③ 6" SKIP-DASH WHITE
 - ④ 8" SOLID WHITE
 - ⑤ 12" SOLID WHITE
 - ⑥ 12" SOLID YELLOW
 - ⑦ 24" SOLID WHITE
 - ⑧ 4" DBL SOLID YELLOW
 - ⑨ WHITE LTR & SYM
 - ◀ ONE-WAY AMBER RRP
 - ◀ ONE-WAY CRYSTAL RRP
 - ◀ TWO-WAY AMBER RRP
 - RECOVERABLE DELINEATOR



TWM
 ENGINEERING
 GEOSPATIAL SERVICES

TWM, INC.
 WWW.TWM-INC.COM
 IL DESIGN FIRM
 LICENSE NO:
 184-001220

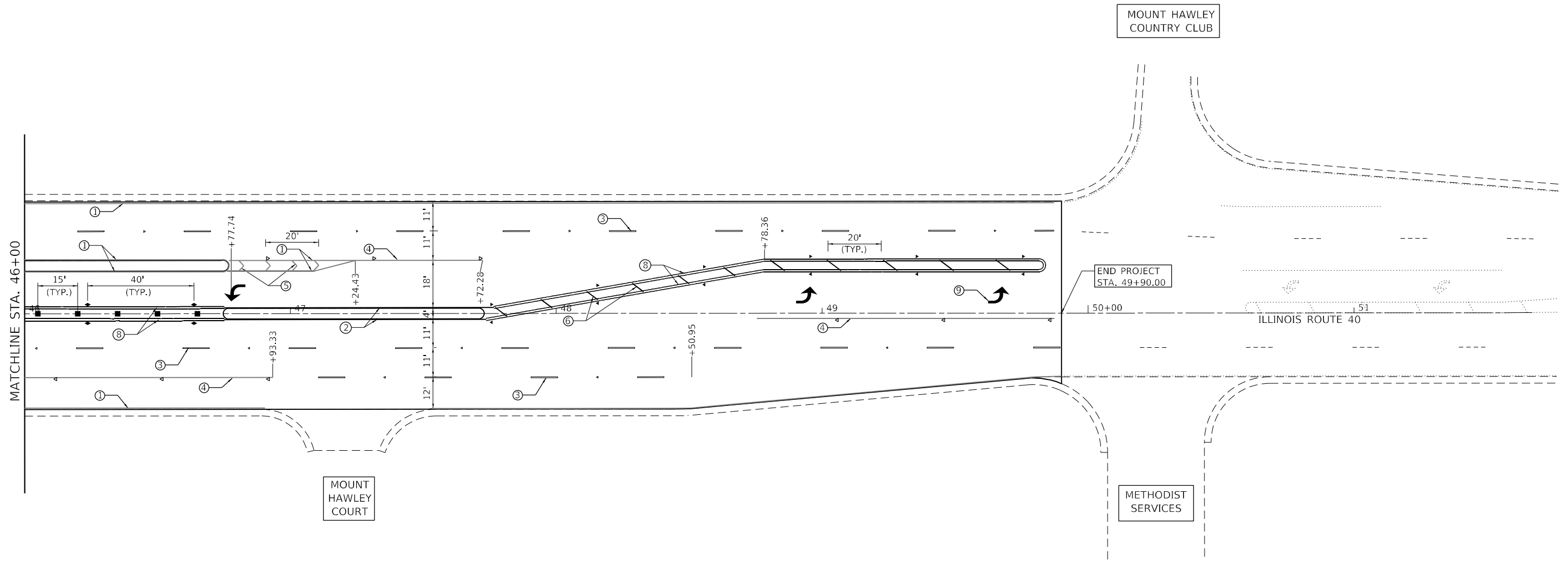
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 40
 PAVEMENT MARKING PLAN**

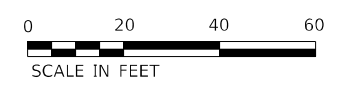
SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	[(126)RS-8;(Y)RS-7]CG,MED	PEORIA	27	21
CONTRACT NO. 68J07				
ILLINOIS FED. AID PROJECT				



LEGEND

- ① 4" SOLID WHITE
- ② 4" SOLID YELLOW
- ③ 6" SKIP-DASH WHITE
- ④ 8" SOLID WHITE
- ⑤ 12" SOLID WHITE
- ⑥ 12" SOLID YELLOW
- ⑦ 24" SOLID WHITE
- ⑧ 4" DBL SOLID YELLOW
- ⑨ WHITE LTR & SYM
- ◀ ONE-WAY AMBER RRP
- ◀ ONE-WAY CRYSTAL RRP
- ◀ TWO-WAY AMBER RRP
- RECOVERABLE DELINEATOR



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TWM, INC.
 www.twm-inc.com
 IL DESIGN FIRM LICENSE NO: 184-001220

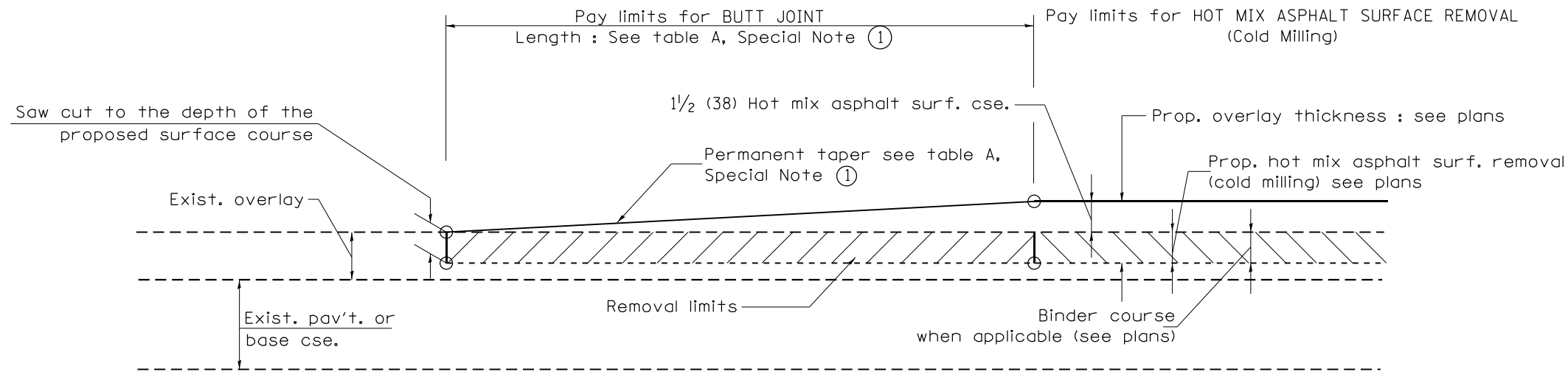
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	DRAWN -	REVISED -
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PLOT DATE = 3/22/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 40
PAVEMENT MARKING PLAN

SCALE: 1"=20' SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	[(126)RS-8;(Y)RS-7]CG,MED	PEORIA	27	22
CONTRACT NO. 68J07				
ILLINOIS FED. AID PROJECT				



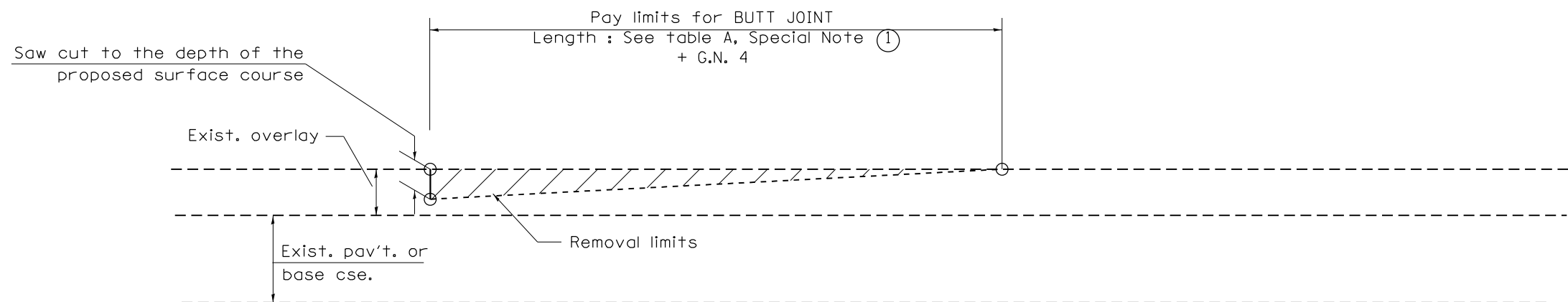
CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

**TABLE A
TAPER RATES**

SPECIAL NOTE NUMBER	ELEMENT	MAINLINE INTERSTATES & 4-LANE EXPRESSWAYS	ALL OTHERS
①	BUTT JOINT TAPER RATE	1:480	1:240
②	TEMPORARY RAMP TAPER RATE	1:80	1:40

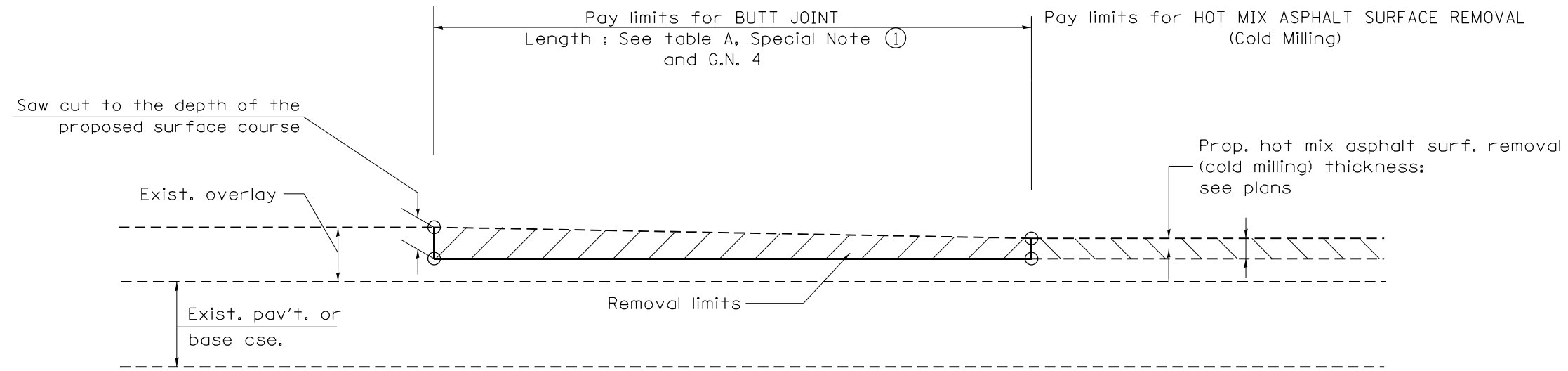
GENERAL NOTES

1. The work shall be done in accordance with Article 406.08 and the Special Provision for Butt Joints.
2. The pavement surface to be removed may be either bituminous or P.C. concrete. The work shall be performed in accordance with Article 440.04 and the Special Provisions for Butt Joints.
3. The saw cut joints shall be primed just prior to the placing of bituminous material. The work will be in accordance with the applicable portions of Article 406.05.
4. The length of butt joint is based on the taper rate times change in cold milling depth within the butt joint pay limits, unless otherwise indicated.
5. Temporary ramps are paid for separately and not included in the cost of the butt joints.

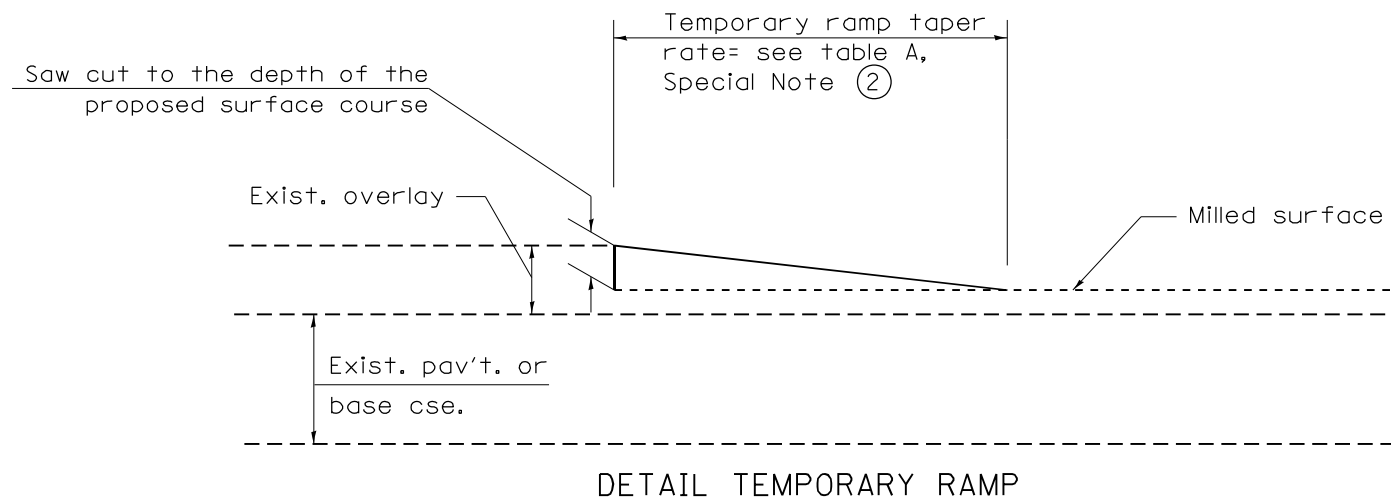


CASE 2 : NO HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

All dimensions are in inches (millimeters) unless otherwise noted.

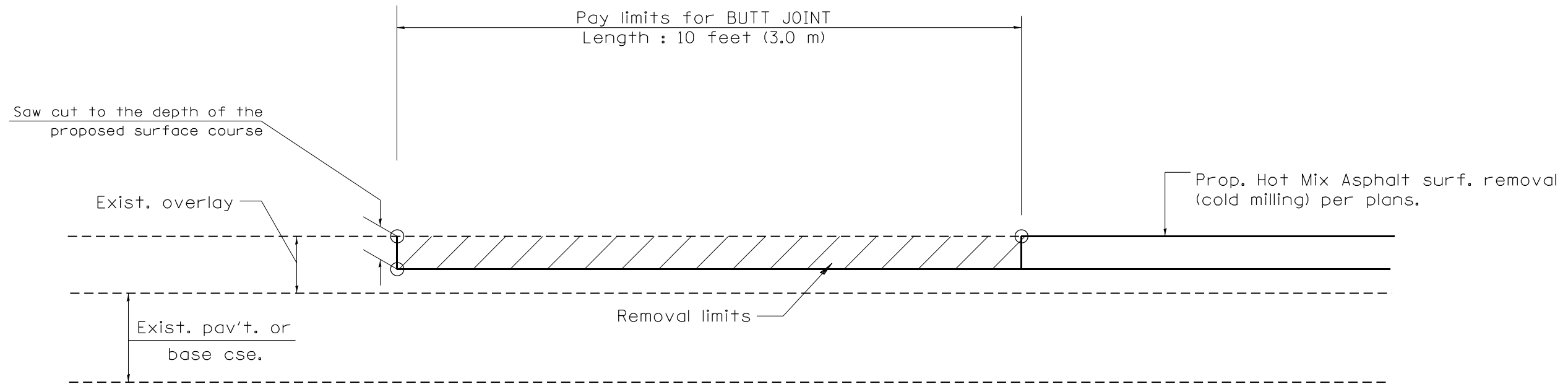


**CASE 3 : HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER**



All dimensions are in inches (millimeters) unless otherwise noted.

				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		BUTT JOINTS		SHT. 2 OF 3 CADD STD. 406101-D4	
				NOT TO SCALE				CONTRACT NO. 68J07	
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.					
646	[(126)RS-8;(Y)RS-7]CG,MED	PEORIA	27	24					
				ILLINOIS		FED. AID PROJECT			

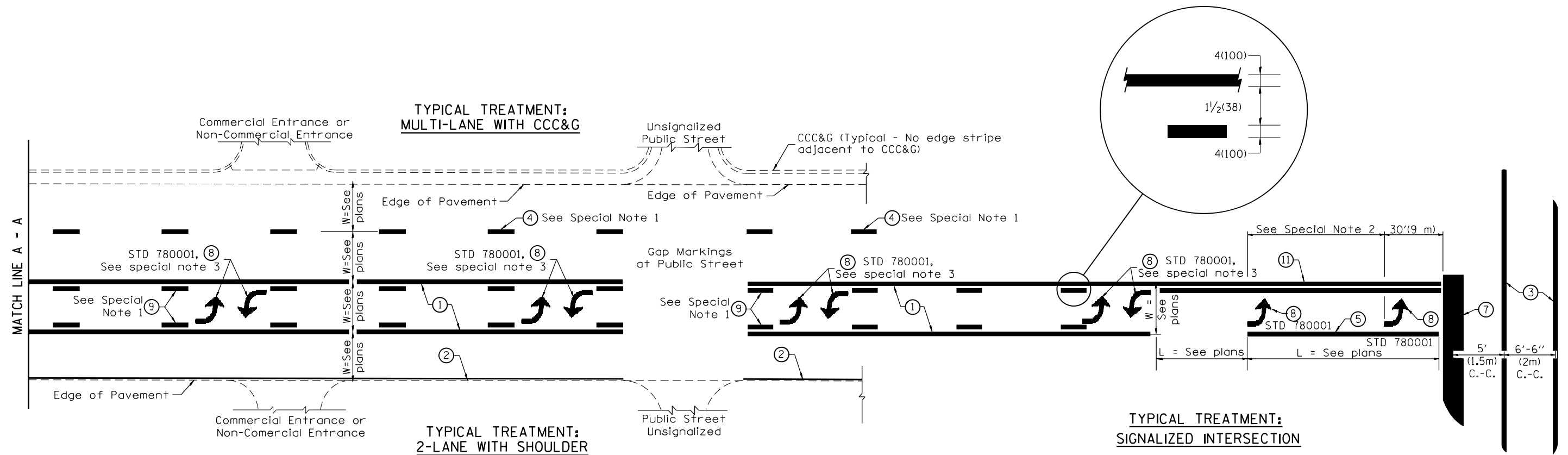


**CASE 4 : SINGLE LIFT OVERLAY WITH EQUIVALENT DEPTH
HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER**

All dimensions are in inches (millimeters) unless otherwise noted.

		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		BUTT JOINTS			
				NOT TO SCALE		SHT. 3 OF 3 CADD STD. 406101-D4	
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
646	[(126)RS-8;(Y)RS-7]CG, MED	PEORIA	27	25			
						CONTRACT NO. 68J07	
						ILLINOIS FED. AID PROJECT	

DESIGNER NOTES:
1. Include State Standard 780001 (Typical Pavement Markings)



**FLUSH PAVED MEDIAN: TWO-WAY LEFT TURN LANE
WITH ONE-WAY LEFT TURN LANE AT SIGNALIZED INTERSECTION**

TYPICAL PAVEMENT MARKING LEGEND

(Note: This is a District Standard Legend. Some elements may not apply to specific project.)

- ① 4(100) Solid (Yellow)
- ② 4(100) Solid (White)
- ③ 2-6(150) Crosswalk @ 6'-6" (2m)min C.-C. (White)
2-8(200) Crosswalk @ 6'-6" (2m)min C.-C. (White) (When traffic signals are present.)
- ④ 6(150) Skip-Dash (White) (See Special Note 1)
- ⑤ 8(200) Solid (White)
- ⑥ 12(300) Diagonal (White) (Item ⑥ is shown on Std. 780001)
- ⑦ 24(600) Stop Bar (White)
- ⑧ Letters & Arrows (See Std. 780001 and Special Notes 2 & 3)
- ⑨ 4(100) Skip-Dash (Yellow) (See Special Note 1)
- ⑩ 12(300) Diagonal (Yellow) (See Table A) (See Table A)
- ⑪ 4(100) Double Solid (Yellow) (See Table A)

SPECIAL NOTES

1. Skip-Dash markings will be centered between both ends of city blocks and shall be placed in alignment transversely across the pavement.
2. The following shall apply to arrows located in one-way left turn lanes:
 - A. A minimum of two (2) arrows is required.
 - B. The maximum spacing between arrows is 80' (24 m).
 - C. Arrows shall be evenly spaced if three (3) or more are required.
3. The following shall apply to arrow pairs located in two-way left turn lanes:
 - A. A minimum of two (2) arrow pairs is required.
 - B. The maximum spacing between arrow pairs is 200' (61 m).
 - C. Arrow pairs shall be evenly spaced if three (3) or more are required.
 - D. The spacing between Bi Directional Left Turn Arrows is 33' (10 m).

GENERAL NOTES

1. Refer to State Standard 780001 for additional Pavement Markings including letters & arrows.
2. See Plans for Pavement Markings adjacent to curbed islands and medians, and through lane reductions.
3. Refer to Article 780.13 for letter, number and symbol areas (sq. ft.)
4. Areas are grooved 1" beyond each edge for the following symbols:
 - Through Arrow= 14.8 sq. ft.
 - Large Left or Right Arrow= 21.9 sq. ft.
 - 2 Arrow Combination Left (or Right) and Through= 34.9 sq. ft.
 - Wrong Way Arrow= 29.5 sq. ft.
 - Railroad Crossing Symbol= 69.8 sq. ft.
 (For further information, refer to BDE Special Provision: Grooving for Recessed Pavement Markings)

01-01-97	RENUM. F-8.03, NEW REVISION BOX	T.P.	10-16-06	REVISED TO 2007 SPEC.	
02-07-97	ADD BI DIRECTIONAL DIMENSION	J.A.	2/29/16	ADDED GROOVING AREAS	R.D.
10-97	CORRECT BI DIRECTIONAL DIMENSION	J.A.	07-16-19	SPELLING CORRECTIONS	R.D.
08-02	ADD CROSSWALK DMNS. WITH T.S.	M.A.			

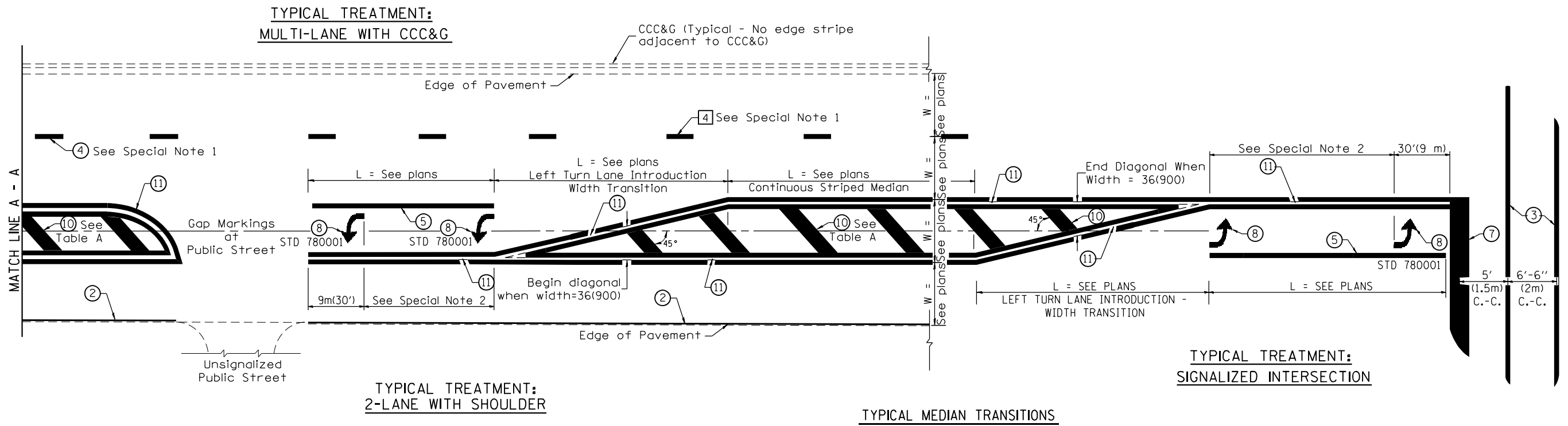
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

NOT TO SCALE

TYPICAL PAVEMENT MARKINGS

SHT. 1 OF 2
CADD STD. 780001-D4

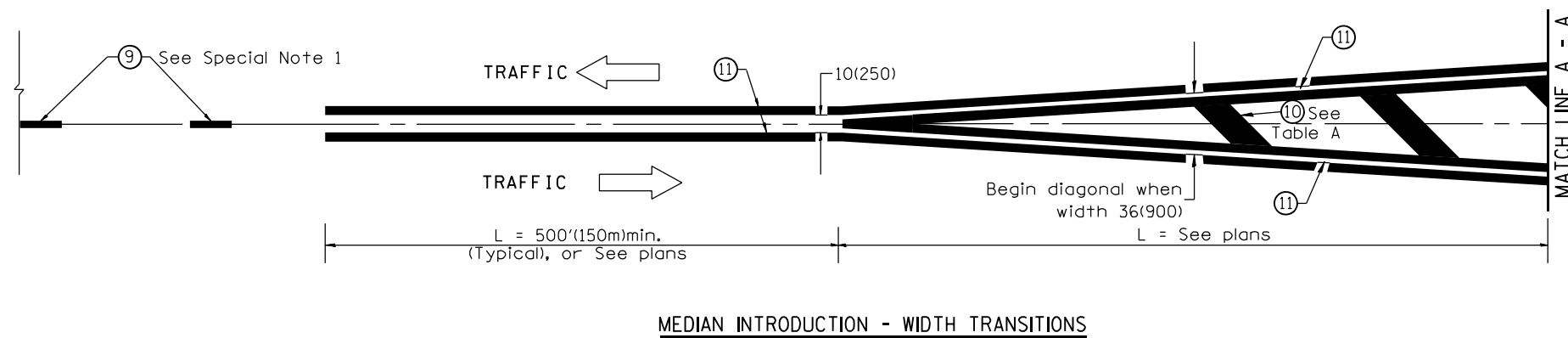
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	[(126)RS-8;(Y)RS-7]CG, MED	PEORIA	27	26
			CONTRACT NO. 68J07	
ILLINOIS FED. AID PROJECT				



FLUSH PAVED MEDIAN: RESTRICTED LEFT TURN LANE

TABLE A
RECOMMENDED SPACING BETWEEN DIAGONAL LINES

SPEED LIMIT RANGE	INTERSECTION CHANNELIZATION (Includes Width Transitions for Median and Left Turn Lane Introductions)	
	CONTINUOUS	
Less Than 30 mph (50 km/h)	50' (15m)	15' (5m)
30 - 45 mph (50 - 70 km/h)	75' (23m)	20' (6m)
Over 45 mph (70 km/h)	150' (46m)	30' (9m)



All dimensions are in inches (millimeters) unless otherwise noted.