

INDEX OF SHEETS

09-20-2024 LETTING ITEM 032

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HIGHWAY STANDARDS

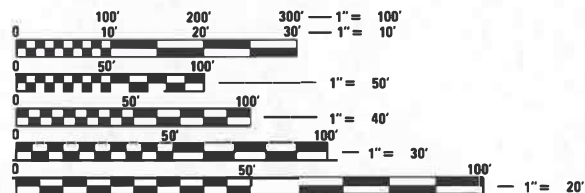
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- 001006 DECIMAL OF AN INCH AND OF A FOOT
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- 424006-05 DIAGONAL CURB RAMPS FOR SIDEWALKS
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- 873001-02 TRAFFIC SIGNAL GROUNDING & BONDING
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TRAFFIC DATA

BUS US RT 24
ADT = 15,800 (2021)
PV = 15,285
SU = 300
MU = 215

FUNCTIONAL CLASSIFICATION

BUS US RT 24
MINOR 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

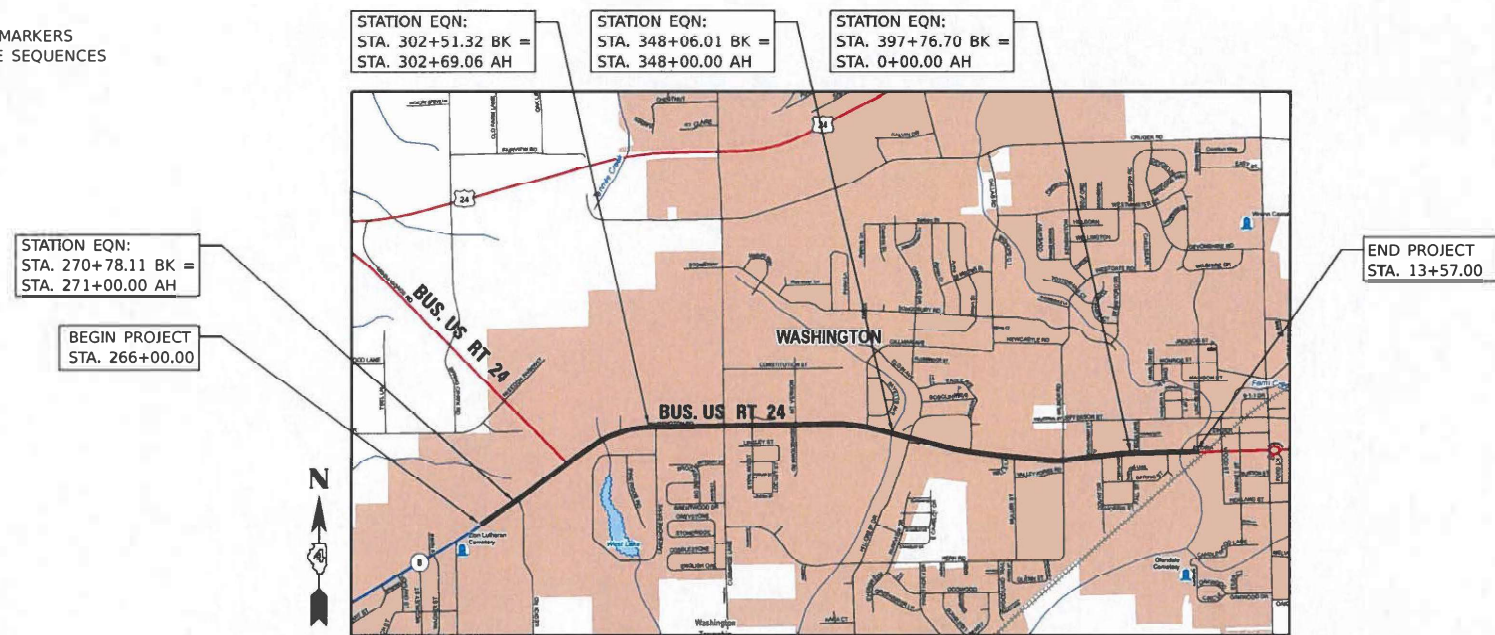
CONTRACT NO. 68J41
CATALOG NO. 036544-00D

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED
HIGHWAY PLANS

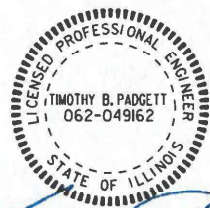
FAP 399/FAU 6776 (IL 8 /BUS US 24)
SECTION [35RS-10;(35NRM)RS-1]SW
RESURFACING, PATCHING AND ADA
IMPROVEMENTS
TAZEWELL COUNTY

C-94-093-24



LOCATION MAP

NTS
 GROSS LENGTH = 14500 FT. = 2.746 MILE
 NET LENGTH = 14500 FT. = 2.746 MILE



TIMOTHY B. PADGETT, P.E. EXPIRATION DATE
 LICENSE NO. 062-049162 11-30-2025
 SHEETS 1-11, 15-32, 47-61, 70-77



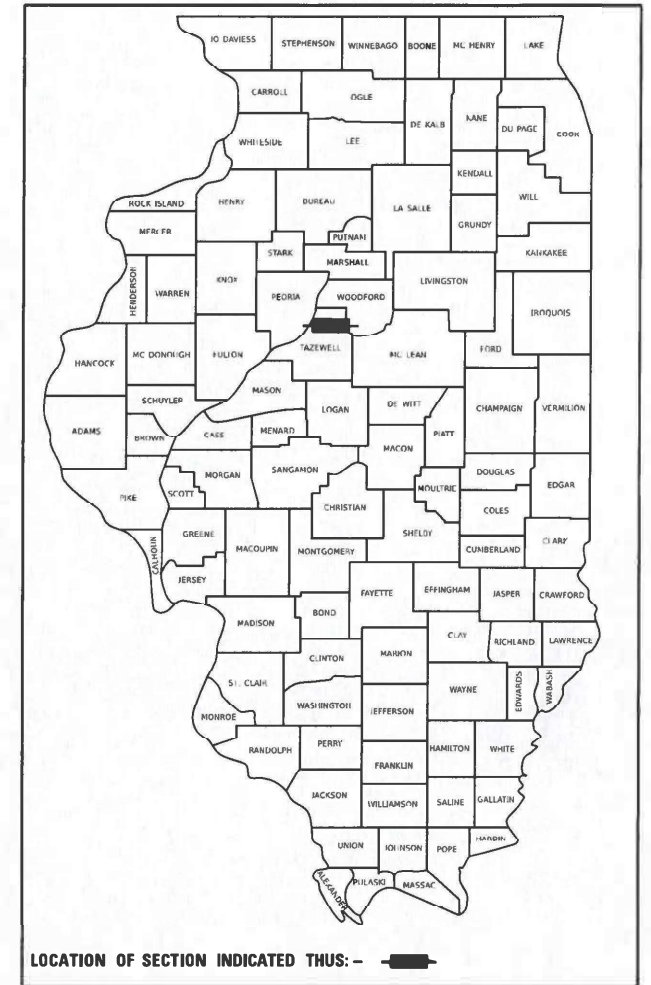
JAMEEL AHMED, P.E. EXPIRATION DATE
 LICENSE NO. 062-061172 11-30-2025
 SHEETS 13, 37, 62



ERIC THERKILDSEN, P.E. EXPIRATION DATE
 LICENSE NO. 062-044857 11-30-2025
 SHEETS 12, 33, 69

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	1
		ILLINOIS	CONTRACT NO. 68J41	

D-94-065-24



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 July 10 2024
Kenneth L. Barnett REGIONAL ENGINEER
 August 16, 2024
Eric Therkildsen
 ENGINEER OF DESIGN AND ENVIRONMENT
 August 16, 2024
Jameel Ahmed
 DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION 13

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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

ELECTRONIC 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.

PLAN ELEVATIONS - U.S.G.S. MEAN SEA LEVEL DATUM

ALL ELEVATIONS SHOWN ON THE PLANS ARE ESTABLISHED FROM U.S.G.S. MEAN SEA LEVEL DATUM.

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	SHOULDERS	MAINLINE
MIXTURE USE(S):	POLYMER SURFACE 1.75"	HMA SHLDRS (TOP BINDER 1.75")	INCIDENTAL SURFACE
AC/PG:	SBS OR SBR 70-22	PG 58-28	PG 58-28
DESIGN AIR VOIDS:	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50
MIXTURE COMPOSITION (GRADATION MIXTURE):	IL 9.5	IL 9.5	IL 9.5
FRICTION AGGREGATE:	MIX D	MIX C	MIX C
QUALITY MANAGEMENT:	QCP	QCP	QCOA
MATERIAL TRANSFER DEVICE:	YES	YES	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.

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.

BUTT JOINT CUTTING TIME RESTRICTION

BUTT JOINTS SHALL NOT BE MILLED MORE THAN THREE (3) DAYS PRIOR TO PLACEMENT OF HMA SURFACE COURSE.

CONSECUTIVE SIDE STREET (ROAD) CLOSURE - PROHIBITED

1. NO TWO CONSECUTIVE SIDE STREETS (ROADS) MAY BE CLOSED AT THE SAME TIME DURING CONSTRUCTION. THE CONTRACTOR MUST ALTERNATE SIDE STREETS (ROADS).
2. ADJACENT SIDE ROADS WILL NOT BE CLOSED SIMULTANEOUSLY. BLR STANDARD 21 SHALL BE USED FOR ALL LOCAL ROAD CLOSURES WITHOUT ANY ENTRANCES WITHIN THE CLOSED AREA, BLR STANDARD 22 CAN BE USED WHERE IT IS NECESSARY TO ALL LOCAL TRAFFIC ACCESS.

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 FLANGEWAYS

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

EARTH EXCAVATION - INCIDENTAL TO CURB + GUTTER AND PCC SIDEWALKS

EARTH EXCAVATION AND BACKFILL REQUIRED FOR THE PROPOSED ADA RAMPS, SUBBASE AND RELATED ITEMS 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 ADA RAMPS.

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.

CROSSING EXISTING STRUCTURES WITH EQUIPMENT

EXISTING SN 090-2011 CANNOT BE CROSSED WITH EMPTY MATERIAL TRANSFER DEVICE (MTD). THE STRUCTURE MUST BE CROSSED WITH THE MTD ON A TRANSPORT VEHICLE AND THE AXLE LOADS AND SPACING MUST BE REVIEWED BY THE BUREAU OF BRIDGES AND STRUCTURES (BBS).

UTILITIES WITHIN RESURFACING LIMITS

GAS VALVES, WATER VALVES, AND MANHOLES EXISTING WITHIN THE EXISTING ROADWAY SURFACE BUT ARE NOT SHOWN ON THE PLANS. CONTRACTOR IS RESPONSIBLE FOR LOCATING THESE FACILITIES AND MILLING/RESURFACING AROUND THEM CONSISTENT WITH APPLICABLE SECTIONS OF THE STANDARD SPECIFICATIONS.

MTCO FIBER VAULTS

CONTACT MTCO TO COORDINATE A METHOD FOR ADJUSTING THE FIBER OPTIC VAULTS IN THE SIDEWALK AT THE FOLLOWING LOCATIONS SHOWN IN THE PLANS.

- SW QUADRANT US BUS 24 & COURT STREET
- SE QUADRANT US BUS 24 & COURT STREET
- SE QUADRANT US BUS 24 & FRANKLIN STREET
- NW QUADRANT US BUS 24 & SPRING STREET

LUKE MILLER

MTCO COMMUNICATIONS
DIRECTOR OF OUTSIDE PLANT OPERATIONS
309-367-4197

METRO COMMUNICATIONS FIBER VAULTS

CONTACT METRO TO COORDINATE A METHOD FOR ADJUSTING THE FIBER OPTIC VAULTS IN THE SIDEWALK AT THE FOLLOWING LOCATIONS SHOWN IN THE PLANS.

- NW QUADRANT BUS US 24 & BONDURANT STREET

TAYLOR RICH

GIS MANAGER
METRO COMMUNICATIONS CO
217-728-3608

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES AND COMMITMENTS

SCALE: N/A SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	2
CONTRACT NO. 68J41			ILLINOIS FED. AID PROJECT	



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

USER NAME = dlee	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 6.000' / in.	CHECKED -	REVISED -
PLOT DATE = 7/8/2024	DATE -	REVISED -

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				0005	0021
				RESURFACING	SAFETY
				URBAN 100% STATE TAZEWELL COUNTY	URBAN 90% STATE / 10% CITY TAZEWELL COUNTY
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	461	461	
40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	77743	77743	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1490	1490	
40600990	TEMPORARY RAMP	SQ YD	1444	1444	
40604160	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	9709	9709	
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	4128	4128	
* 42400800	DETECTABLE WARNINGS	SQ FT	329	329	
44000156	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"	SQ YD	107977	107977	
44000300	CURB REMOVAL	FOOT	98	98	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	603	603	
44000600	SIDEWALK REMOVAL	SQ FT	3552	3552	
44200140	PAVEMENT PATCHING, TYPE I, 12 INCH	SQ YD	32	32	
44200144	PAVEMENT PATCHING, TYPE II, 12 INCH	SQ YD	73	73	
44200148	PAVEMENT PATCHING, TYPE III, 12 INCH	SQ YD	103	103	
44200150	PAVEMENT PATCHING, TYPE IV, 12 INCH	SQ YD	82	82	
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	134	134	
48203004	HOT-MIX ASPHALT SHOULDERS, 1 3/4"	SQ YD	8904	8904	
60260100	INLETS TO BE ADJUSTED	EACH	4	4	
60600605	CONCRETE CURB, TYPE B	FOOT	395	395	

*= SPECIALTY ITEM

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				0005	0021
				RESURFACING	SAFETY
				URBAN 100% STATE TAZEWELL COUNTY	URBAN 90% STATE / 10% CITY TAZEWELL COUNTY
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	248	248	
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	34	34	
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	303	303	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	8	8	
67100100	MOBILIZATION	L SUM	1	1	
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	47	47	
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	3	3	
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1	
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1	
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	10	10	
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1	1	
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1	
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	8	8	
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	14	14	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	9536	9536	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	3178	3178	
* 72000100	SIGN PANEL - TYPE 1	SQ FT	28	22	6

*= SPECIALTY ITEM

MODEL: Default
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IL DESIGN FIRM
LICENSE NO:
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USER NAME = dlee
PLOT SCALE = 10.000' / in.
PLOT DATE = 7/8/2024

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	3
			CONTRACT NO. 68J41	
ILLINOIS FED. AID PROJECT				

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				0005	0021
				RESURFACING	SAFETY
				URBAN 100% STATE TAZEWELL COUNTY	URBAN 90% STATE / 10% CITY TAZEWELL COUNTY
* 72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	6		6
* 72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	26	26	
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	36	36	
* 78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1654	1654	
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	41477	41477	
* 78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	6860	6860	
* 78001140	PAINT PAVEMENT MARKING - LINE 8"	FOOT	9939	9939	
* 78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	1041	1041	
* 78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	810	810	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	550	550	
* 78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	550	550	
* 81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	69		69
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1289		1289
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	664		664
* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1953		1953
* 87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	4		4
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	12		12
* 87900200	DRILL EXISTING HANDHOLE	EACH	8		8
* 89500100	RELOCATE EXISTING SIGNAL HEAD	EACH	4		4

*= SPECIALTY ITEM

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				0005	0021
				RESURFACING	SAFETY
				URBAN 100% STATE TAZEWELL COUNTY	URBAN 90% STATE / 10% CITY TAZEWELL COUNTY
* 89500400	RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	EACH	8		8
* Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	
* Z0034105	MATERIAL TRANSFER DEVICE	TON	9709	9709	
* X1400326	RECTANGULAR RAPID FLASHING BEACON ASSEMBLY (COMPLETE)	EACH	2	2	
* X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8		8
* X8760201	PEDESTRIAN PUSH-BUTTON POST	EACH	4		4
* X8891011	VIDEO VEHICLE DETECTION SYSTEM, 3 CAMERA	EACH	1	1	
* X8891013	VIDEO VEHICLE DETECTION SYSTEM, 4 CAMERA	EACH	1		1
* X8950205	REBUILD EXISTING HANDHOLE (SPECIAL)	EACH	3	1	2

*= SPECIALTY ITEM

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LICENSE NO:
184-001220

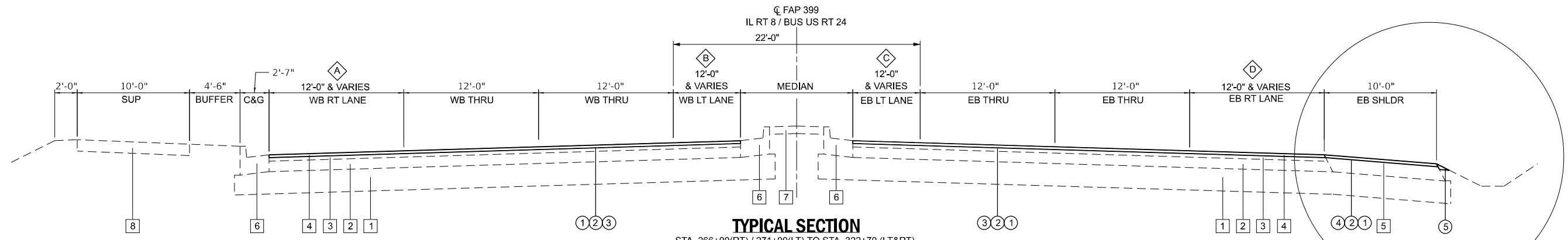
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DATE -

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REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

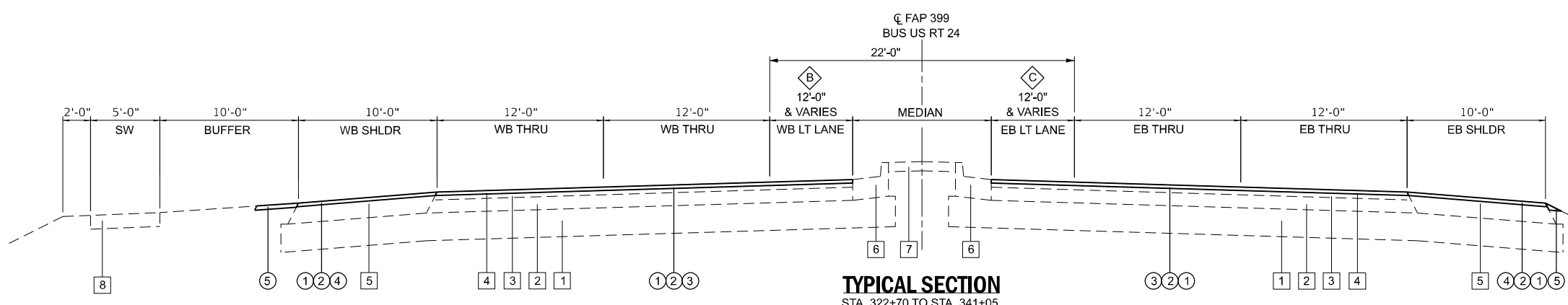
SUMMARY OF QUANTITIES
SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	4
CONTRACT NO. 68J41			ILLINOIS FED. AID PROJECT	

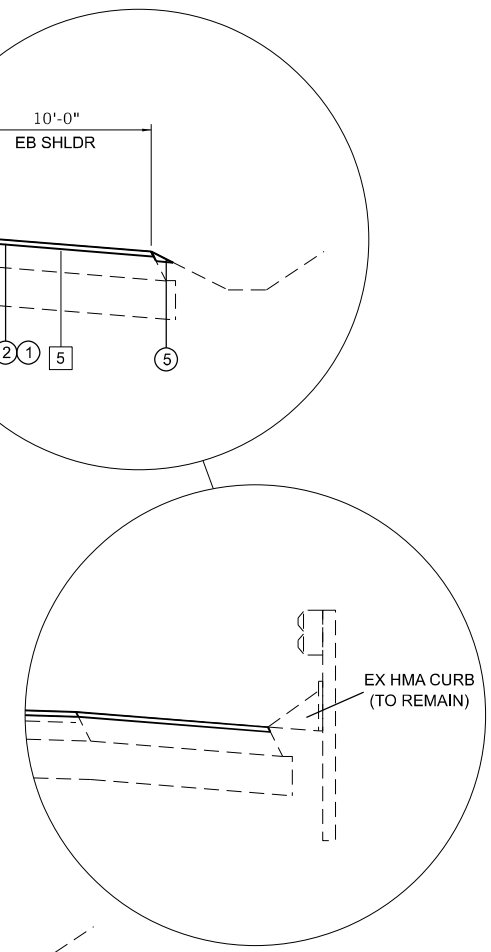


TYPICAL SECTION
STA. 266+00(RT) / 271+00(LT) TO STA. 322+70 (LT&RT)

EQUATIONS:
STA. 270+78.11 BK = STA. 271+00.00 AH
STA. 302+51.32 BK = STA. 302+96.06 AH



TYPICAL SECTION
STA. 322+70 TO STA. 341+05



EX. GUARDRAIL RT
STA. 280+70 TO 285+25
STA. 290+70 TO 294+25

LEGEND

- | | | | | | |
|----------------------------------|---|----------------------------|----------------------------|----------------------------|----------------------------|
| 1 EX SUBBASE GRANULAR MATERIAL | 1 PR HMA SURFACE REMOVAL, 1 3/4 INCH | A WB RT TURN LANE | B WB LT TURN LANE | C EB LT TURN LANE | D EB RT TURN LANE |
| 2 EX PCC PAVEMENT | 2 PR POLYMERIZED BITUMINOUS MATERIALS (TACK COAT) | STA. 285+66 TO STA. 290+00 | STA. 272+67 TO STA. 276+70 | STA. 280+12 TO STA. 284+32 | STA. 267+85 TO STA. 271+95 |
| 3 EX HMA BINDER COURSE | 3 PR POLYMERIZED HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 1 3/4 INCH | STA. 297+00 TO STA. 300+10 | STA. 303+97 TO STA. 307+94 | STA. 292+33 TO STA. 295+84 | STA. 299+30 TO STA. 303+28 |
| 4 EX HMA SURFACE COURSE | 4 PR HMA SHOULDERS, 1 3/4 INCH | STA. 317+53 TO STA. 321+35 | STA. 317+53 TO STA. 320+75 | STA. 312+13 TO STA. 316+70 | STA. 312+63 TO STA. 316+70 |
| 5 EX HMA SHOULDER | 5 PR AGGREGATE WEDGE SHOULDER, TYPE B | STA. 341+34 TO STA. 344+14 | STA. 323+08 TO STA. 326+70 | STA. 319+54 TO STA. 322+38 | |
| 6 EX CONC. CURB & GUTTER | | | STA. 331+52 TO STA. 334+42 | STA. 327+78 TO STA. 330+83 | |
| 7 EX MEDIAN (CONCRETE OR EARTH) | | | STA. 354+26 TO STA. 356+93 | STA. 332+92 TO STA. 336+34 | |
| 8 EX SIDEWALK OR SHARED-USE PATH | | | STA. 360+68 TO STA. 363+38 | STA. 337+71 TO STA. 340+43 | |
| 9 EX STEEL PLATE BEAM GUARDRAIL | | | STA. 366+67 TO STA. 369+52 | STA. 341+76 TO STA. 344+97 | |
| | | | STA. 375+07 TO STA. 378+26 | STA. 350+55 TO STA. 353+35 | |
| | | | STA. 385+00 TO STA. 387+42 | STA. 356+93 TO STA. 360+14 | |
| | | | | STA. 362+93 TO STA. 365+75 | |
| | | | | STA. 381+31 TO STA. 384+04 | |
| | | | | STA. 386+90 TO STA. 389+75 | |

MODEL: Default
FILE NAME: P:\2023\230929\C - US 24 Resurfacing in Washington CAD - DWG\L7 Tran\Sheets\186811-shl-yakub.sldprt



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DESIGNED -
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CHECKED -
DATE -
PLOT SCALE = 10,000' / in.
PLOT DATE = 7/8/2024

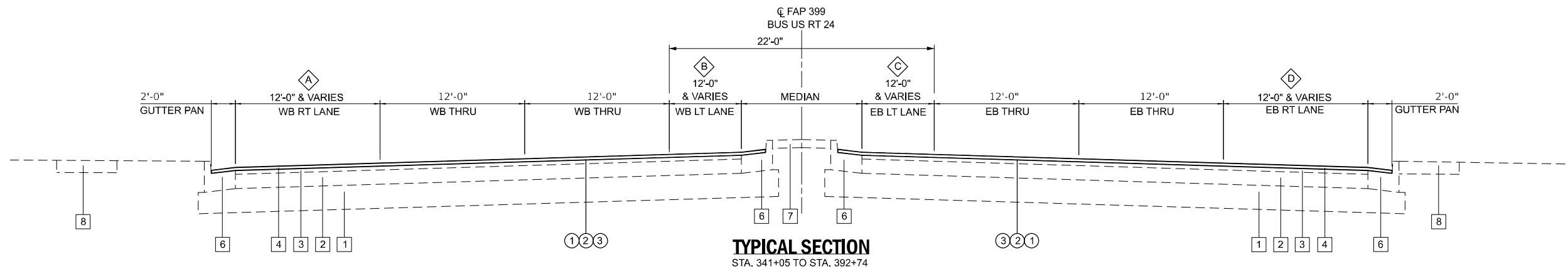
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
IL 8 / BUSINESS 24

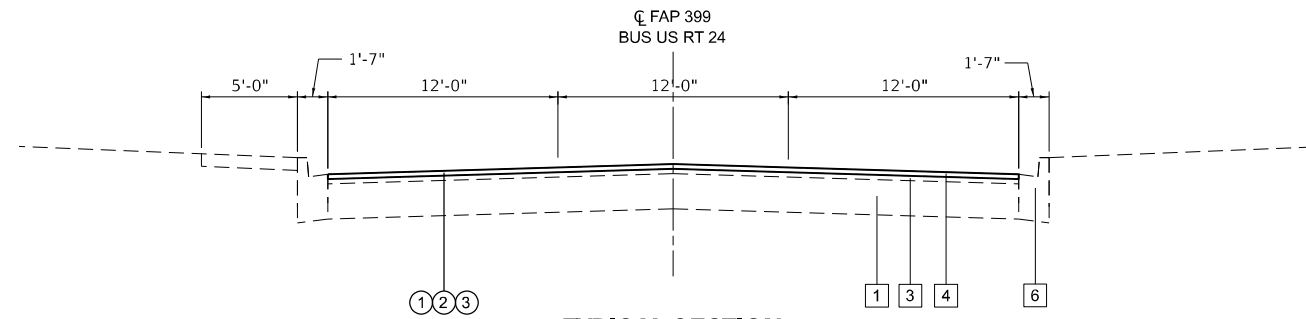
SCALE: N.T.S. SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	5
CONTRACT NO. 68J41				
ILLINOIS		FED. AID PROJECT		



TYPICAL SECTION
STA. 341+05 TO STA. 392+74

EQUATIONS:
STA. 348+06.01 BK = STA. 348+00.00 AH



TYPICAL SECTION
STA. 392+74 TO STA. 13+57

EQUATIONS:
STA. 397+76.70 BK = STA. 0+00.00 AH

LEGEND

- 1 EX SUBBASE GRANULAR MATERIAL
- 2 EX PCC PAVEMENT
- 3 EX HMA BINDER COURSE
- 4 EX HMA SURFACE COURSE
- 5 EX HMA SHOULDER
- 6 EX CONC. CURB & GUTTER
- 7 EX MEDIAN (CONCRETE OR EARTH)
- 8 EX SIDEWALK OR SHARED-USE PATH
- 9 EX STEEL PLATE BEAM GUARDRAIL

- 1 PR HMA SURFACE REMOVAL, 1 3/4 INCH
- 2 PR POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)
- 3 PR POLYMERIZED HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 1 3/4 INCH
- 4 PR HMA SHOULDERS, 1 3/4 INCH
- 5 PR AGGREGATE WEDGE SHOULDER, TYPE B

- A WB RT TURN LANE
STA. 285+66 TO STA. 290+00
STA. 297+00 TO STA. 300+10
STA. 317+53 TO STA. 321+35
STA. 341+34 TO STA. 344+14

- B WB LT TURN LANE
STA. 272+67 TO STA. 276+70
STA. 303+97 TO STA. 307+94
STA. 317+53 TO STA. 320+75
STA. 323+08 TO STA. 326+70
STA. 331+52 TO STA. 334+42
STA. 354+26 TO STA. 356+93
STA. 360+68 TO STA. 363+38
STA. 366+67 TO STA. 369+52
STA. 375+07 TO STA. 378+26
STA. 385+00 TO STA. 387+42

- C EB LT TURN LANE
STA. 280+12 TO STA. 284+32
STA. 292+33 TO STA. 295+84
STA. 312+13 TO STA. 316+70
STA. 319+54 TO STA. 322+38
STA. 327+78 TO STA. 330+83
STA. 332+92 TO STA. 336+34
STA. 337+71 TO STA. 340+43
STA. 341+76 TO STA. 344+97
STA. 350+55 TO STA. 353+35
STA. 356+93 TO STA. 360+14
STA. 362+93 TO STA. 365+75
STA. 381+31 TO STA. 384+04
STA. 386+90 TO STA. 389+75

- D EB RT TURN LANE
STA. 267+85 TO STA. 271+95
STA. 299+30 TO STA. 303+28
STA. 312+63 TO STA. 316+70

MODEL: Default
FILE NAME: P:\2023\3999A\C - US 24 Resurfacing in Washington - CAD - DWG\17 TranSheets\186811-sh-yakubajnr



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IL DESIGN FIRM
LICENSE NO:
184-001220

USER NAME = dllee	DESIGNED -	REVISED -
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PLOT DATE = 7/8/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS
IL 8 / BUSINESS 24**

SCALE: N.T.S. SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	6
CONTRACT NO. 68J41				
ILLINOIS		FED. AID PROJECT		

MODEL: Default
 FILE NAME: W:\000\090\Projects\2023\239881C - US 24 Resurfacing in Washington and CADP - DWG\047 TransSheets\068811-1-sh-schedule.dgn

RESURFACING SCHEDULE								
LOCATION				HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	TEMPORARY RAMP
STATION	TO	STATION	AREA	SQ YD	TON	LB	SQ YD	SQ YD
BUS 24 WESTBOUND								
271+00.00	TO	295+86.55	THRU LANES	6630.8	649.8	4774.2	26.7	16.0
			LTL (STA 272+67 TO STA 276+70)	363.2	35.6	261.5		
			RTL (STA 285+66 TO STA 290+00)	613.4	60.1	441.6		13.3
			MCCLUGGAGE ROAD TURNING SPACES	2145.4	210.3	1544.7	87.8	
295+86.55	TO	315+60.27	THRU LANES	5263.3	515.8	3789.6		
			HIGHWOODS ROAD	184.7	18.1	133.0	71.5	35.1
			RTL (STA 29700 TO STA 300+10)	306.0	30.0	220.3		
			TURNING SPACES	115.9	11.4	83.5		
			LTL (STA 303+97 TO STA 307+94)	361.7	35.5	260.4		
			CHERRY TREE ENTRANCE	167.6	16.4	120.6	115.6	37.3
315+60.27	TO	323+08.00	THRU LANES	1994.0	195.4	1435.7		
			N CUMMINGS LANE	705.9	69.2	508.3	84.4	46.5
			LTL (STA 317+53 TO STA 320+75)	410.3	40.2	295.4		
			RTL (STA 317+53 TO STA 321+35)	490.5	48.1	353.2		
			N STERLING STREET	263.9	25.9	190.0	52.8	28.9
			TURNING SPACES	235.9	23.1	169.9		
323+08.00	TO	341+33.71	THRU LANES	5289.1	518.3	3808.1		
			LTL (STA 323+08 TO STA 326+70)	461.6	45.2	332.4		
			MT VERNON DRIVE	335.7	32.9	241.7	38.1	21.7
			LTL (STA 331+52 TO STA 334+42)	275.8	27.0	198.6		
			CONNECT CHURCH ENTRANCE	208.6	20.4	150.2	164.7	88.2
			TURNING SPACES	154.5	15.1	111.2		
341+33.71	TO	359+96.28	THRU LANES	5380.7	527.3	3874.1		
			RTL (STA 341+34 TO STA 344+14)	276.0	27.1	198.7		
			GILLMAN AVENUE	108.6	10.6	78.2	45.3	24.2
			JEFFERSON STREET	118.7	11.6	85.4	56.2	29.5
			LTL (STA 354+26 TO STA 356+93)	342.4	33.6	246.6		
			TURNING SPACES	170.7	16.7	122.9		
359+96.28	TO	371+04.66	THRU LANES	3202.0	313.8	2305.5		
			LTL (STA 360+68 TO STA 363+38)	272.7	26.7	196.3		
			EAGLE AVENUE	101.6	10.0	73.2	40.1	21.1
			LTL (STA 366+67 TO STA 369+52)	286.6	28.1	206.4		
371+04.66	TO	390+90.67	THRU LANES	5737.3	562.3	4130.9		
			LTL (STA 375+07 TO STA 378+26)	271.6	26.6	195.6		
			N WILMOR ROAD	298.0	29.2	214.5	38.7	22.4
			LTL (STA 385+00 TO STA 387+42)	208.6	20.4	150.2		
			BONDURANT STREET	166.1	16.3	119.6	43.8	25.5
			TURNING SPACES	282.9	27.7	203.7		
390+90.67	TO	392+74.35	THRU LANES	433.8	42.5	312.3		
			TURNING SPACES	248.7	24.4	179.0		
392+74.35	TO	13+56.64	THRU LANES	2685.2	263.2	1933.3	19.4	11.6
			BIDIRECTIONAL TURN LANE	582.7	57.1	419.5		
			BIDIRECTIONAL TURN LANE	1658.6	162.5	1194.2		
			TIEZZI LANE	43.9	4.3	31.6	31.6	18.5
WB TOTAL :				50477	4947	36343	917	440



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 USER NAME = dlcc
 PLOT SCALE = 10,000' / in.
 PLOT DATE = 7/8/2024

DESIGNED -
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 CHECKED -
 DATE -
 REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	7
CONTRACT NO. 68J41			ILLINOIS FED. AID PROJECT	

RESURFACING SCHEDULE								
LOCATION				HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, 1L-9.5, MIX "D", N50	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	TEMPORARY RAMP
STATION	TO	STATION	AREA	SQ YD	TON	LB	SQ YD	SQ YD
BUS 24 EASTBOUND								
266+00.00	TO	284+32.00	THRU LANES	4894.4	479.7	3524.0	26.7	16.0
			LTL (STA 280+12 TO STA 284+32)	459.8	45.1	331.1		
			RTL (STA 267+85 TO STA 271+95)	369.3	36.2	265.9		
			TURNING SPACES	217.6	21.3	156.6		
284+32.00	TO	295+84.00	LEGIION ROAD	437.3	42.9	314.9	37.8	22.7
			THRU LANES	3081.3	302.0	2218.6		
			LTL (STA 292+33 TO STA 295+84)	305.8	30.0	220.2		
			TURNING SPACES	160.2	15.7	115.3		
295+84.00	TO	303+28.00	THRU LANES	1989.9	195.0	1432.7		
			RTL (STA 299+30 TO STA 303+28)	138.1	13.5	99.4		
			TURNING SPACES	428.0	41.9	308.1		
			THRU LANES	3589.6	351.8	2584.5		
303+28.00	TO	316+70.00	LTL (STA 312+13 TO STA 316+70)	641.7	62.9	462.0		
			RTL (STA 312+63 TO STA 316+70)	468.6	45.9	337.4		
			TURNING SPACES	85.2	8.4	61.3		
			LAKESHORE DRIVE	604.8	59.3	435.5	45.5	25.4
316+70.00	TO	323+14.07	THRU LANES	1722.7	168.8	1240.3		
			LTL (STA 319+54 TO STA 322+38)	306.8	30.1	220.9		
			TURNING SPACES	248.0	24.3	178.5		
			S CUMMINGS LN	646.9	63.4	465.8	75.7	41.7
323+14.07	TO	341+51.60	S STERLING ST	214.3	21.0	154.3	33.1	17.0
			THRU LANES	5221.1	511.7	3759.2		
			LTL (STA 327+78 TO STA 330+83)	313.7	30.7	225.8		
			GEORGETOWN RD	259.0	25.4	186.5	51.4	25.6
341+51.60	TO	354+29.36	LTL (STA 332+92 TO STA 336+34)	333.9	32.7	240.4		
			LTL (STA 337+71 TO STA 340+43)	291.7	28.6	210.0		
			TURNING SPACES	253.7	24.9	182.6		
			THRU LANES	3691.3	361.8	2657.8		
354+29.36	TO	371+05.21	LTL (STA 341+76 TO STA 344+97)	339.5	33.3	244.4		
			LTL (STA 350+55 TO STA 353+35)	362.8	35.6	261.2		
			HILLCREST DRIVE	148.5	14.6	106.9	62.2	
			TURNING SPACES	189.4	18.6	136.4		
371+05.21	TO	390+90.67	THRU LANES	4841.3	474.5	3485.8		
			LTL (STA 356+93 TO STA 360+14)	390.2	38.2	280.9		
			LTL (STA 362+93 TO STA 365+75)	255.6	25.1	184.0		
			TURNING SPACES	253.9	24.9	182.8		
390+90.67	TO	392+74.35	THRU LANES	5735.8	562.1	4129.8		
			MULLER ROAD	224.8	22.0	161.9	76.5	39.1
			LTL (STA 381+31 TO STA 384+04)	232.9	22.8	167.7		
			S WILMOR ROAD	263.1	25.8	189.4	39.3	22.8
392+74.35	TO	13+56.64	LTL (STA 386+90 TO STA 389+75)	336.0	32.9	241.9		
			TURNING SPACES	320.4	31.4	230.7		
			THRU LANES	398.0	39.0	286.5		
			COURT DRIVE	129.3	12.7	93.1	34.9	19.9
392+74.35	TO	13+56.64	THRU LANES	2685.2	263.2	1933.3	19.4	11.6
			FRANKLIN STREET	70.3	6.9	50.6	36.5	21.2
			SPRING STREET	44.3	4.3	31.9	33.9	19.1
			EB TOTAL:	48596	4762	34989	573	282
TOTAL FROM WB RESURFACING SCHEDULE:				50477	4947	36343	917	440
TOTAL FROM HMA SHOULDERS SCHEDULE:				8904		6411		X 2
PAY ITEM TOTAL:				107977	9709	77743	1490	1444

MODEL: Defaulr
FILE NAME: \\10.0.0.90\projects\2023\230984d - US 24 Resurfacing in Washington4 CAD - DWG\4-7 Trans\Sheets\046813 sch-schedule.dgn



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STATE OF ILLINOIS	
DEPARTMENT OF TRANSPORTATION	

SCHEDULE OF QUANTITIES	
SCALE:	SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	8
CONTRACT NO. 68J41				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKINGS SCHEDULE															
LOCATION					PAINT PAVEMENT MARKING -						SHORT-TERM PAVEMENT MARKING	SHORT-TERM PAVEMENT MARKING REMOVAL	RAISED REFLECTIVE PAVEMENT MARKERS		
					LET & SYM	LINE 4"	LINE 6"	LINE 8"	LINE 12"	LINE 24"			1-WAY CRYSTAL	2-WAY CRYSTAL	
STATION	TO	STATION	LOCATION	TYPE	COLOR	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	EACH	EACH
BUS 24 WESTBOUND															
271+00.00	TO	284+35.21	CENTERLINE	SKIP-DASH	WHITE			333.5					133.4	44.5	17.0
			LANE LINE	SINGLE	WHITE		1128.3						225.7	75.2	
271+00.00	TO	285+36.25	LEFT TURN LANE	SINGLE	WHITE					165.0			33.0	11.0	4.0
			STOP BARS	SINGLE	WHITE						24.0				
			TURN ARROWS	LARGE	WHITE	46.8									
285+36.25	TO	316+72.08	CENTERLINE	SKIP-DASH	WHITE			783.0					313.2	104.4	39.0
			LANE LINE	SINGLE	WHITE		2882.0						576.4	192.1	
285+36.25	TO	317+80.04	LEFT TURN LANE	SINGLE	WHITE					178.4			35.7	11.9	
			RIGHT TURN LANE	SINGLE	WHITE					377.0			75.4	25.1	14.0
			STOP BARS	SINGLE	WHITE						24.0				
			TURN ARROWS	LARGE	WHITE	140.4									
317+80.04	TO	384+10.26	CENTERLINE	SKIP-DASH	WHITE			1658.8					663.5	221.2	83.0
			LANE LINE	SINGLE	WHITE		2239.0						626.9	209.0	
317+80.04	TO	385+09.85	LEFT TURN LANE	SINGLE	WHITE					1511.5			302.3	100.8	
			RIGHT TURN LANE	SINGLE	WHITE					318.0			63.6	21.2	44.0
			CHEVRONS	SINGLE	WHITE						104.0				
			STOP BARS	SINGLE	WHITE							93.0			
			TURN ARROWS	LARGE	WHITE	327.6									
385+09.85	TO	390+96.55	CENTERLINE	SKIP-DASH	WHITE			146.9					58.8	19.6	7.0
385+09.85	TO	392+73.81	LEFT TURN LANE	SINGLE	WHITE					88.7			17.7	5.9	2.0
			TURN ARROWS	LARGE	WHITE	62.4									
392+73.81	TO	13+56.62	BIDIRECTIONAL	SINGLE	YELLOW		1803.0						721.2	240.4	
			BIDIRECTIONAL	SKIP-DASH	YELLOW		451.0								47.0
			BIDIRECTIONAL	DOUBLE	YELLOW		112.8								
WB TOTAL:						577	8616	2922	2639	104	141	3847	1282	210	47

PAVEMENT MARKINGS SCHEDULE															
LOCATION					PAINT PAVEMENT MARKING -						SHORT-TERM PAVEMENT MARKING	SHORT-TERM PAVEMENT MARKING REMOVAL	RAISED REFLECTIVE PAVEMENT MARKERS		
					LET & SYM	LINE 4"	LINE 6"	LINE 8"	LINE 12"	LINE 24"			1-WAY CRYSTAL	2-WAY CRYSTAL	
STATION	TO	STATION	LOCATION	TYPE	COLOR	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	EACH	EACH
BUS 24 EASTBOUND															
266+00.00	TO	284+32.27	CENTERLINE	SKIP-DASH	WHITE			452.5					362.0	120.7	23.0
			LANE LINE	SINGLE	WHITE		1300.7						364.2	121.4	
266+00.00	TO	285+55.19	LEFT TURN LANE	DOTTED	WHITE			94.5					18.9	6.3	
			LEFT TURN LANES	SINGLE	WHITE					362.0			72.4	24.1	12.0
			RIGHT TURN LANES	SINGLE	WHITE					204.0			40.8	13.6	
			STOP BAR	SINGLE	WHITE						37.0				
			TURN ARROWS	LARGE	WHITE	93.6									
285+55.19	TO	316+68.59	CENTERLINE	SKIP-DASH	WHITE			764.3					611.4	203.8	39.0
			LANE LINE	SINGLE	WHITE		2973.1						832.5	277.5	
285+55.19	TO	317+64.02	LEFT TURN LANE	SINGLE	WHITE					648.0			129.6	43.2	
			CROSSWALK	SINGLE	WHITE					345.0			69.0	23.0	
			LEFT TURN LANE	SINGLE	WHITE					402.0			80.4	26.8	35.0
			RIGHT TURN LANES	SINGLE	WHITE					191.6			38.3	12.8	
			CHEVRONS	SINGLE	WHITE						78.0				
			STOP BAR	SINGLE	WHITE							37.0			
			TURN ARROWS	LARGE	WHITE	187.2									
317+64.02	TO	384+02.71	CENTERLINE	SKIP-DASH	WHITE			1661.5					1329.2	443.0	82.0
			LANE LINE	SINGLE	WHITE		2140.0						599.2	199.7	
317+64.02	TO	385+07.87	LEFT TURN LANE	SINGLE	WHITE					265.0			53.0	17.7	
			LEFT TURN LANES	SINGLE	WHITE					1171.8			234.4	78.1	36.0
			CROSSWALK	SINGLE	WHITE					354.0					
			CHEVRONS	SINGLE	WHITE						42.0				
			STOP BAR	SINGLE	WHITE							80.0			
			TURN ARROWS	LARGE	WHITE	327.6									
385+07.87	TO	390+70.47	CENTERLINE	SKIP-DASH	WHITE			140.5					112.4	37.5	7.0
385+07.87	TO	392+73.81	LEFT TURN LANE	SINGLE	WHITE					98.7			19.7	6.6	
			CROSSWALK ZEBRA	SINGLE	WHITE						108.0				3.0
			CHEVRONS	SINGLE	WHITE						22.3				
392+73.81	TO	13+56.62	BIDIRECTIONAL	SINGLE	YELLOW		1803.0						721.2	240.4	
			BIDIRECTIONAL	SKIP-DASH	YELLOW		451.0								47.0
			CROSSWALK ZEBRA	SINGLE	WHITE						63.0				
			BIDIRECTIONAL	DOUBLE	YELLOW		112.8								
			TURN ARROWS	LARGE	WHITE	218.4									
EB TOTAL:						827	8781	3113	4042	313	154	5689	1896	237	47
TOTAL FROM WB PAVEMENT MARKINGS SCHEDULE:						577	8616	2922	2639	104	141	3847	1282	210	47
TOTAL FROM PAVEMENT MARKINGS - SIDEROADS SCHEDULE:						250	1663	825	3258	624	515				
TOTAL FROM PAVEMENT MARKINGS - MEDIAN SCHEDULE:							22417								
CONTINGENCY:														9	
EB TOTAL:						1654	41477	6860	9939	1041	810	9536	3178	456	94
														550	

MODEL: Default; FILE NAME: W:\000\090\Projects\2023\239856\C - US 24 Resurfacing in Washington of CAD - DWG\047 PlanSheets\068811-1-in-rect-dim.dgn

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ILLINOIS DESIGN FIRM
LICENSE NO: 184-001220

USER NAME = dllee	DESIGNED -	REVISED -
PLOT SCALE = 10,000' / in.	DRAWN -	REVISED -
PLOT DATE = 7/8/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES			
SCALE:	SHEET 3	OF 5 SHEETS	STA. TO STA.

F.A.P. RTE. 399	SECTION [35RS-10;(35NRM)RS-1]SW	COUNTY TAZEWELL	TOTAL SHEETS 77	SHEET NO. 9
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68J41	

PAVEMENT MARKINGS SCHEDULE - SIDEROADS

LOCATION						PAINT PAVEMENT MARKING					
STATION	TO	STATION	LOCATION	TYPE	COLOR	LINE 4" FOOT	LINE 6" FOOT	LINE 8" FOOT	LINE 12" FOOT	LINE 24" FOOT	LET & SYM SQ FT
BUS 24											
LEGION ROAD			CENTERLINE	DOUBLE	YELLOW	100.0					
			CROSSWALK	SINGLE	WHITE		125.0				
			STOP BAR	SINGLE	WHITE					18.7	
MCCLUGGAGE ROAD			LANE LINES	SKIP-DASH	WHITE		30.5				
			EDGE LINES	SOLID	WHITE			1218.0			
			CROSSWALKS	SINGLE	WHITE	545.0		228.0			
			MEDIAN	SOLID	YELLOW	441.0					
			CHEVRONS	SOLID	WHITE				212.0		
			LEFT ARROW	LARGE	WHITE						31.2
			RIGHT ARROW	LARGE	WHITE						15.6
			STOP BARS	SINGLE	WHITE					46.0	
			CENTERLINE	DOUBLE	YELLOW	128.0					
LAKESHORE DRIVE			STOP BAR	SINGLE	WHITE					25.0	
			CORNER EDGE	SINGLE	WHITE			185.7			
			CHEVRONS	SINGLE	WHITE				103.6		
			LEFT ARROW	LARGE	WHITE						15.6
			RIGHT ARROW	LARGE	WHITE						15.6
CHERRY TREE SHOPPING CENTER ENTRANCE			EDGE LINES	SINGLE	WHITE			73.6			
			CHEVRONS	SINGLE	WHITE				30.0		
N CUMMINGS LANE			CENTERLINE	DOUBLE	YELLOW	140.0					
			STOP BARS	SINGLE	WHITE					54.0	
			CROSSWALKS	SINGLE	WHITE			246.0			
			CHEVRONS	SINGLE	WHITE				152.0		
			EDGE LINES	SINGLE	WHITE			373.2			
			LEFT ARROW	LARGE	WHITE						15.6
			THRU/LEFT ARROW	LARGE	WHITE						26.0
			RIGHT ARROW	LARGE	WHITE						15.6
S CUMMINGS LANE			CENTERLINE	DOUBLE	WHITE	74.0				57.0	
			STOP BARS	SINGLE	WHITE						
			CROSSWALKS	SINGLE	WHITE			263.4			
			CHEVRONS	SINGLE	WHITE				126.0		
			EDGE LINES	SINGLE	WHITE			345.5			
			LEFT ARROW	LARGE	WHITE						15.6
		RIGHT ARROW	LARGE	WHITE						15.6	
N STERLING STREET			CENTERLINE	DOUBLE	YELLOW	12.0					
			CROSSWALK	SINGLE	WHITE		119.0				
			STOP BAR	SINGLE	WHITE					24.0	
S STERLING STREET			CENTERLINE	DOUBLE	YELLOW	36.0					
			STOP BAR	SINGLE	WHITE					22.0	
MT VERNON DRIVE			CENTERLINE	DOUBLE	YELLOW	44.0					
			CROSSWALK	SINGLE	WHITE		110.0				
			STOP BAR	SINGLE	WHITE					23.0	
GEORGETOWN ROAD			STOP BAR	SINGLE	WHITE					23.0	
GILLMAN AVENUE			CROSSWALK	SINGLE	WHITE		105.0				
			STOP BAR	SINGLE	WHITE					19.0	
HILLCREST DRIVE			STOP BAR	SINGLE	WHITE					29.0	
			CENTERLINE	DOUBLE	YELLOW	32.6					
MULLER ROAD			LANE LINE	SINGLE	WHITE			16.0			
			STOP BAR	SINGLE	WHITE					44.0	
			CENTERLINE	DOUBLE	YELLOW	55.4					
N WILMOR ROAD			STOP BAR	SINGLE	WHITE					29.1	
			LANE LINE	SINGLE	WHITE			28.3			
			CROSSWALK	SINGLE	WHITE			128.0			
			THRU/RIGHT ARROW	LARGE	WHITE						26.0
			LEFT ARROW	LARGE	WHITE						15.6
S WILMOR ROAD			CENTERLINE	DOUBLE	YELLOW	54.8					
			STOP BAR	SINGLE	WHITE					32.2	
			LANE LINE	SINGLE	WHITE			26.9			
			CROSSWALK	SINGLE	WHITE			125.0			
			THRU/RIGHT ARROW	LARGE	WHITE						26.0
		LEFT ARROW	LARGE	WHITE						15.6	
BONDURANT STREET			CROSSWALK	SINGLE	WHITE		111.3				
COURT STREET			STOP BAR	SINGLE	WHITE					20.2	
			CROSSWALK	SINGLE	WHITE		87.1				
FRANKLIN STREET			CROSSWALK	SINGLE	WHITE		73.0				
			STOP BAR	SINGLE	WHITE					19.0	
TIEZZI LANE			CROSSWALK	SINGLE	WHITE		64.0				
			STOP BAR	SINGLE	WHITE					13.4	
SPRING STREET			STOP BAR	SINGLE	WHITE					16.0	
			STOP BAR	SINGLE	WHITE						
TOTAL :						1663	825	3258	624	515	250

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 7/18/2024



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

USER NAME = dlee
 PLOT SCALE = 10,000' / 1" = 10000
 PLOT DATE = 7/18/2024

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	10
CONTRACT NO. 68J41				
ILLINOIS FED.AID PROJECT				

PAVEMENT MARKINGS SCHEDULE - MEDIAN						
LOCATION						PAINT PAVEMENT MARKING
						LINE 4"
STATION	TO	STATION	LOCATION	TYPE	COLOR	FOOT
BUS 24						
266+00.00	TO	271+00.00	MEDIAN	SINGLE	YELLOW	690.9
272+66.86	TO	278+50.77	MEDIAN	SINGLE	YELLOW	1192.5
279+29.93	TO	284+45.41	MEDIAN	SINGLE	YELLOW	1050.9
285+28.49	TO	295+87.11	MEDIAN	SINGLE	YELLOW	2140.0
296+83.28	TO	303+34.45	MEDIAN	SINGLE	YELLOW	1288.5
303+96.68	TO	316+52.86	MEDIAN	SINGLE	YELLOW	2526.0
317+85.86	TO	322+38.13	MEDIAN	SINGLE	YELLOW	917.0
323+07.36	TO	330+83.44	MEDIAN	SINGLE	YELLOW	1568.0
331+51.49	TO	336+34.14	MEDIAN	SINGLE	YELLOW	975.0
336+82.13	TO	340+44.20	MEDIAN	SINGLE	YELLOW	736.0
340+95.82	TO	344+96.98	MEDIAN	SINGLE	YELLOW	815.4
345+43.43	TO	353+33.93	MEDIAN	SINGLE	YELLOW	1602.0
354+25.48	TO	360+14.27	MEDIAN	SINGLE	YELLOW	1187.0
360+67.40	TO	365+83.10	MEDIAN	SINGLE	YELLOW	1042.0
366+67.06	TO	370+16.88	MEDIAN	SINGLE	YELLOW	711.0
370+63.01	TO	374+08.75	MEDIAN	SINGLE	YELLOW	708.0
375+06.62	TO	384+15.68	MEDIAN	SINGLE	YELLOW	1826.0
384+99.76	TO	389+76.30	MEDIAN	SINGLE	YELLOW	962.0
390+48.60	TO	391+33.45	MEDIAN	SINGLE	YELLOW	179.0
391+32.75	TO	391+93.40	PAINTED MEDIAN	DOUBLE	YELLOW	300.0
TOTAL :						22417

HMA SHOULDERS SCHEDULE							
LOCATION				HOT-MIX ASPHALT SHOULDERS, 1 3/4"	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	AGGREGATE WEDGE SHOULDER, TYPE B
STATION	TO	STATION		SQ YD	SQ YD	LB	TON
BUS 24 EASTBOUND							
272+45.38	TO	303+07.44	RT	3368.5	3368.5	2425.3	50.5
304+14.08	TO	316+29.10	RT	1331.8	1331.8	958.9	20.0
317+80.23	TO	322+22.58	RT	501.4	501.4	361.0	7.5
322+92.29	TO	330+73.23	RT	867.8	867.8	624.8	13.0
331+63.39	TO	341+05.27	RT	1042.2	1042.2	750.4	15.6
BUS 24 WESTBOUND							
323+06.66	TO	330+75.23	LT	854.0	854.0	614.9	12.8
331+55.30	TO	339+94.06	LT	937.9	937.9	675.3	14.1
TOTAL				8904	8904	6411	134

SIGNAGE SCHEDULE								
LOCATION			DESCRIPTION				SIGN PANEL - TYPE 1	TELESCOPING STEEL SIGN SUPPORT
STATION	OFFSET	LT/RT	SIGN	SHAPE	SIZE	SQ FT	FOOT	
BUS 24								
4+21.00	21.5	RT	W11-2	REC	36 X 36	9.00	17.9	
			W16-9P	REC	24 X 12	2.00		
10+28.50	27.5	LT	W11-2	REC	36 X 36	9.00	17.9	
			W16-9P	REC	24 X 12	2.00		
TOTAL:						22	36	

SIDEWALK SCHEDULE (TWM)						
LOCATION				PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	DETECTABLE WARNINGS	
STATION	TO	STATION	LT/RT	SQ FT	SQ FT	
IL 8 / LEGION ROAD SE QUAD						
272+60.43	TO	272+74.59	RT	49.6	20.2	
TOTAL :				50	20	

RRFB SCHEDULE			
LOCATION			RECTANGULAR RAPID FLASHING BEACON ASSEMBLY (COMPLETE)
STATION	OFFSET	LT/RT	EACH
IL 8 / LEGION ROAD SE QUAD			
7+28.50	26.50	LT	1.0
7+21.00	21.50	RT	1.0
TOTAL :			2

MODEL: Default
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TWM, INC.
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 IL DESIGN FIRM
 LICENSE NO: 184-001220
 USER NAME = dlcc
 PLOT SCALE = 10,000' / in.
 PLOT DATE = 7/8/2024

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -
 REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
 SCALE: SHEET 5 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	11
CONTRACT NO. 68J41				
ILLINOIS			FED. AID PROJECT	

PROPOSED ADA IMPROVEMENT SCHEDULE													
	SUB GRAN MAT B 4	PC CONC SIDEWALK 5	DETECTABLE WARNINGS	COMB CURB GUTTER REM	SIDEWALK REM	PAVT PATCH T1 12	PAVT PATCH T2 12	INLETS ADJUST	COMB CC&G TB6.12	COMB CC&G TY B-6.24	SIGN PANEL T1	REMOV SIGN PANEL T1	RELOC EX PED PUSH-BUT
Location	SQ YD	SQ FT	SQ FT	FOOT	SQ FT	SQ YD	SQ YD	EACH	FOOT	FOOT	SQ FT	SQ FT	EACH
BUS 24 & Cummings Ln.													
N.W. Quadrant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	1.5	1.5	2
N.E. Quadrant	32.7	294.3	10.5	43.7	270.1	0.0	9.9	1	0.0	42.7	1.5	1.5	2
S.W. Quadrant	22.4	201.8	18.2	34.6	205.7	0.0	7.7	0	0.0	34.6	1.5	1.5	2
S.E. Quadrant	12.3	110.3	10.3	18.6	126.2	4.3	0.0	0	0.0	19.2	1.5	1.5	2
<i>Subtotal</i>	<i>67.4</i>	<i>606.4</i>	<i>39.0</i>	<i>96.9</i>	<i>602.0</i>	<i>4.3</i>	<i>17.6</i>	<i>1</i>	<i>0.0</i>	<i>96.5</i>	<i>6.0</i>	<i>6.0</i>	<i>8</i>
BUS 24 & Gillman Ave.													
N.W. Quadrant	10.0	89.7	10.0	19.9	87.5	4.9	0.0	0	0.0	19.9	0.0	0.0	0
N.E. Quadrant	9.8	87.9	15.1	14.2	0.0	3.5	0.0	0	0.0	14.0	0.0	0.0	0
<i>Subtotal</i>	<i>19.8</i>	<i>177.6</i>	<i>25.1</i>	<i>34.1</i>	<i>87.5</i>	<i>8.4</i>	<i>0.0</i>	<i>0</i>	<i>0.0</i>	<i>33.9</i>	<i>0.0</i>	<i>0.0</i>	<i>0</i>
BUS 24 & Tiezzi Ln.													
N.W. Quadrant	11.4	102.6	10.0	28.9	78.9	0.0	7.1	0	29.1	0.0	0.0	0.0	0
N.E. Quadrant	10.1	91.0	10.0	29.0	75.1	0.0	7.1	0	29.0	0.0	0.0	0.0	0
<i>Subtotal</i>	<i>21.5</i>	<i>193.6</i>	<i>20.0</i>	<i>57.9</i>	<i>154.0</i>	<i>0.0</i>	<i>14.2</i>	<i>0</i>	<i>58.1</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0</i>
TOTAL	109.0	978.0	84.0	189.0	843.0	13.0	32.0	1	58.0	130.5	6.0	6.0	8

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USER NAME = JasonH	DESIGNED - TW	REVISED -
	DRAWN - TW	REVISED -
PLOT SCALE = 40,000' / in.	CHECKED - JRH	REVISED -
PLOT DATE = 2024/07/03	DATE - 2024/07/03	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	12
CONTRACT NO. 68J41				
ILLINOIS		FED. AID PROJECT		

MODEL: 00_Sheet-Titleblock-1.dgn
 FILE NAME: \\Quigg\Projects\2023\23IL068 - PTB 205-23 D4 - TWM - Various Ph II IIIWO 3_US 24 ADA Ramps\CADD\CADD Sheets\0468\41-ADA Plans.dgn

INTERSECTION	QUADRANT	31101200	42400200	42400800	44000300	44000500	44000600
		SUBBASE GRANULAR MATERIAL, TYPE B 4"	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	DETECTABLE WARNINGS	CURB REMOVAL	COMBINATION CURB AND GUTTER REMOVAL	SIDEWALK REMOVAL
		SQ YD	SQ FT	SQ FT	FOOT	FOOT	SQ FT
US 24 AT STERLING	NW	24.00	213.00	10.00		9.00	213.00
	NE	8.00	65.00	10.00			65.00
US 24 AT MT. VERNON	NW	13.00	111.00	10.00			108.00
	NE	14.00	125.00	10.00			125.00
US 24 AT WILMOR	NW	30.00	268.00	18.00		49.00	262.00
	NE	50.00	443.00	19.00		63.00	410.00
	SW	9.00	74.00	15.00		34.00	81.00
US 24 AT BONDURANT	SE	13.00	109.00	18.00		34.00	
	NW	15.00	131.00	20.00		49.00	128.00
US 24 AT COURT	NE	36.00	322.00	19.00		44.00	260.00
	SW	32.00	282.00	13.00	54.00		243.00
US 24 AT FRANKLIN	SE	28.00	246.00	12.00	44.00		222.00
	SW	10.00	89.00	15.00		23.00	
US 24 AT SPRING	SE	16.00	140.00	16.00		38.00	110.00
	NW	41.00	366.00	10.00		61.00	326.00
	SW	13.00	116.00	10.00		10.00	124.00
	SE						32.00
SUBTOTALS		352.00	3,100.00	225.00	98.00	414.00	2,709.00
TOTALS		352	3,100	225	98	414	2,709



USER NAME = mwilson	DESIGNED - MAW	REVISED - _____
	DRAWN - MAW	REVISED - _____
PLOT SCALE = 0.08333333' / in.	CHECKED - AAF	REVISED - _____
PLOT DATE = 7/3/2024	DATE - 6/19/2024	REVISED - _____

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
 SCHEDULE**

SCALE: 1" = 3' SHEET OF SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	13
CONTRACT NO. 68J41				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF ADA QUANTITIES

INTERSECTION	QUADRANT	44200140	44200144	44200148	44200150	60260100	60600605	60603800	60604400	60605000	72400710	X8140115	X8950205
		PAVEMENT PATCHING, TYPE I, 12 INCH	PAVEMENT PATCHING, TYPE II, 12 INCH	PAVEMENT PATCHING, TYPE III, 12 INCH	PAVEMENT PATCHING, TYPE IV, 12 INCH	INLETS TO BE ADJUSTED	CONCRETE CURB, TYPE B	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	RELOCATE SIGN PANEL - TYPE 1	HANDHOLE TO BE ADJUSTED	REBUILD EXISTING HANDHOLE (SPECIAL)
		SQ YD	SQ YD	SQ YD	SQ YD	EACH	FOOT	FOOT	FOOT	FOOT	SQ FT	EACH	EACH
US 24 AT STERLING	NW		6.00				65.00	9.00					
	NE	4.00											
US 24 AT MT. VERNON	NW	4.00											
	NE	4.00											1.00
US 24 AT WILMOR	NW		12.00				22.00			49.00			
	NE				26.00	2.00	69.00			63.00			
	SW	4.00								16.00			
	SE			22.00					34.00				
US 24 AT BONDURANT	NW			24.00			5.00	49.00				1.00	
	NE			22.00	26.00	1.00	64.00			44.00			
US 24 AT COURT	SW			19.00			54.00					1.00	
	SE			16.00			73.00				12.93	1.00	
US 24 AT FRANKLIN	SW		9.00					23.00					
	SE				30.00		25.00	38.00			12.93	1.00	
US 24 AT SPRING	NW		14.00					61.00				1.00	
	SW	3.00					18.00	10.00					
	SE												
SUBTOTALS		19.00	41.00	103.00	82.00	3.00	395.00	190.00	34.00	172.00	25.86	5.00	1.00
TOTALS		19	41	103	82	3	395	190	34	172	26	5	1

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USER NAME = mwillson
PLOT SCALE = 0.08333317' / in.
PLOT DATE = 7/3/2024

DESIGNED - MAW
DRAWN - MAW
CHECKED - AAF
DATE - 6/19/2024

REVISED - _____
REVISED - _____
REVISED - _____
REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
SCHEDULE**

SCALE: 1" = 3' SHEET 2 OF 2 SHEETS STA. N/A TO STA. N/A

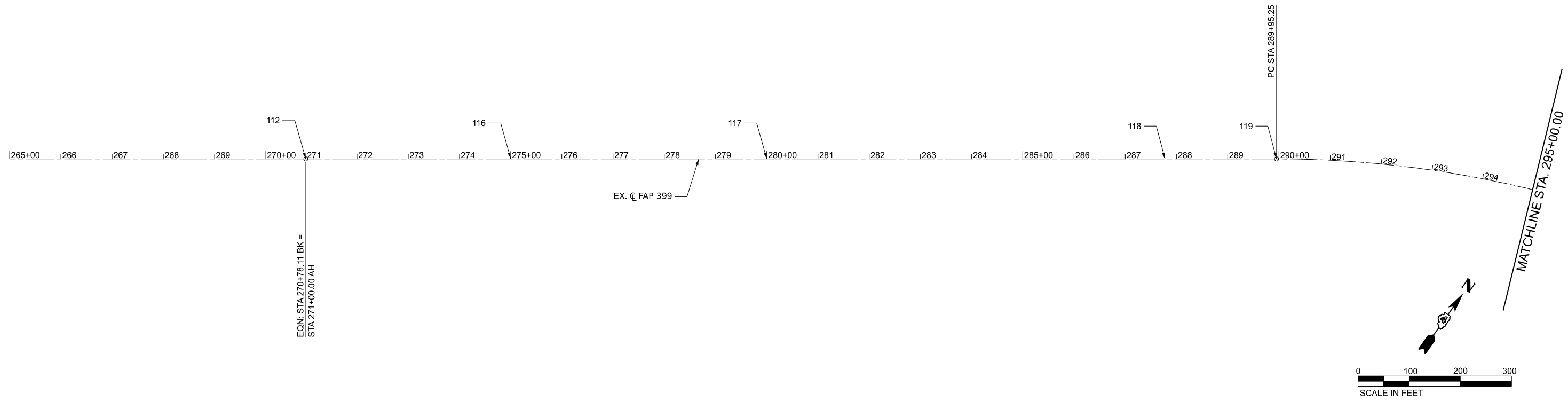
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	14
CONTRACT NO. 68J41				
ILLINOIS FED. AID PROJECT				

ALIGNMENT INFORMATION

POINT	STATION	NORTHING	EASTING
PT	265+00.00	1469659.10	2491851.12
EQN (BK)	270+78.11	1469993.05	2492323.02
EQN (AHD)	271+00.00	1469993.05	2492323.02
PC	289+95.25	1471087.86	2493870.07

CONTROL POINTS + BENCHMARKS

NAME	DESCRIPTION	NORTHING	EASTING	ELEVATION
112	POT DISK	1469992.60	2492322.80	802.28
116	POT DISK	1470223.86	2492649.29	800.18
117	POT DISK	1470512.72	2493057.45	797.52
118	PI DISK	1470788.69	2493447.38	790.56
119	BRASS PC DISK	1471087.99	2493869.98	788.72

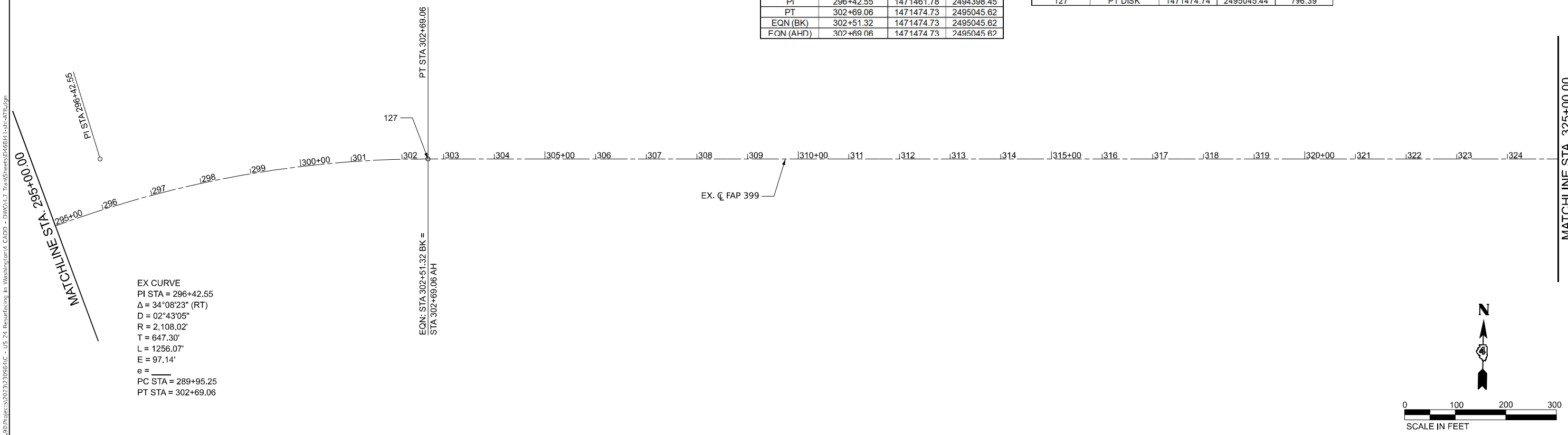


ALIGNMENT INFORMATION

POINT	STATION	NORTHING	EASTING
PI	296+42.55	1471461.78	2494398.45
PT	302+69.06	1471474.73	2495045.62
EQN (BK)	302+51.32	1471474.73	2495045.62
EQN (AHD)	302+69.06	1471474.73	2495045.62

CONTROL POINTS + BENCHMARKS

NAME	DESCRIPTION	NORTHING	EASTING	ELEVATION
127	PT DISK	1471474.74	2495045.44	796.39



EX CURVE
 PI STA = 296+42.55
 $\Delta = 34^{\circ}08'23''$ (RT)
 $D = 02^{\circ}43'05''$
 $R = 2,108.02'$
 $T = 647.30'$
 $L = 1256.07'$
 $E = 97.14'$
 $e =$
 PC STA = 289+95.25
 PT STA = 302+69.06

MODEL: Sheets
 FILE NAME: \\10.00.000\Projects\2023\239881C - US 24 Resurfacing in Washington and CAD - DWG\04.7 Trans\Sheet568811-1-in-11-11.dgn



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PLOT SCALE = 200,000 * / in.	DRAWN -	REVISED -
PLOT DATE = 7/8/2024	CHECKED -	REVISED -
	DATE -	REVISED -

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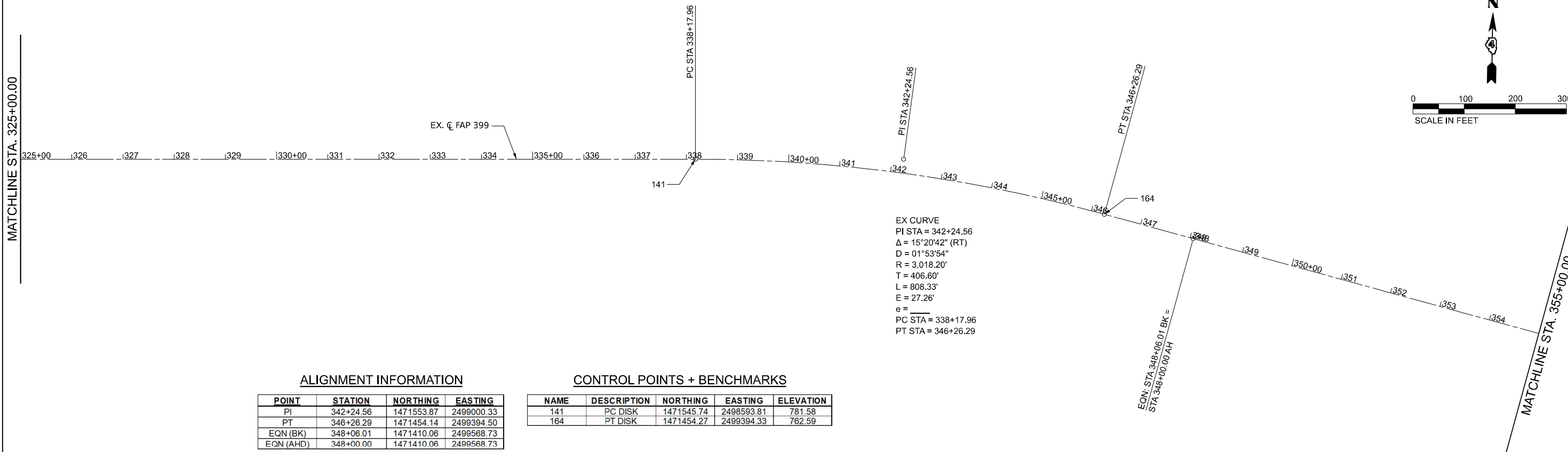
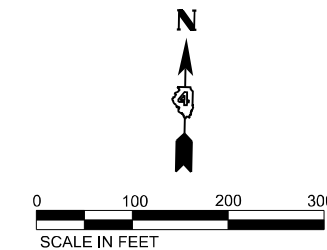
ALIGNMENTS, TIES, AND BENCHMARKS

SCALE: 1"=100' SHEET 1 OF 3 SHEETS STA. 265+00.00 TO STA. 325+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	15
CONTRACT NO. 68J41				
ILLINOIS FED. AID PROJECT				

MATCHLINE STA. 325+00.00

MATCHLINE STA. 355+00.00



EX CURVE
 PI STA = 342+24.56
 $\Delta = 15^{\circ}20'42''$ (RT)
 $D = 01^{\circ}53'54''$
 $R = 3,018.20'$
 $T = 406.60'$
 $L = 808.33'$
 $E = 27.26'$
 $e =$
 PC STA = 338+17.96
 PT STA = 346+26.29

ALIGNMENT INFORMATION

POINT	STATION	NORTHING	EASTING
PI	342+24.56	1471553.87	2499000.33
PT	346+26.29	1471454.14	2499394.50
EQN (BK)	348+06.01	1471410.06	2499568.73
EQN (AHD)	348+00.00	1471410.06	2499568.73

CONTROL POINTS + BENCHMARKS

NAME	DESCRIPTION	NORTHING	EASTING	ELEVATION
141	PC DISK	1471545.74	2498593.81	781.58
164	PT DISK	1471454.27	2499394.33	762.59

ALIGNMENT INFORMATION

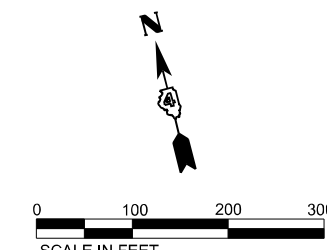
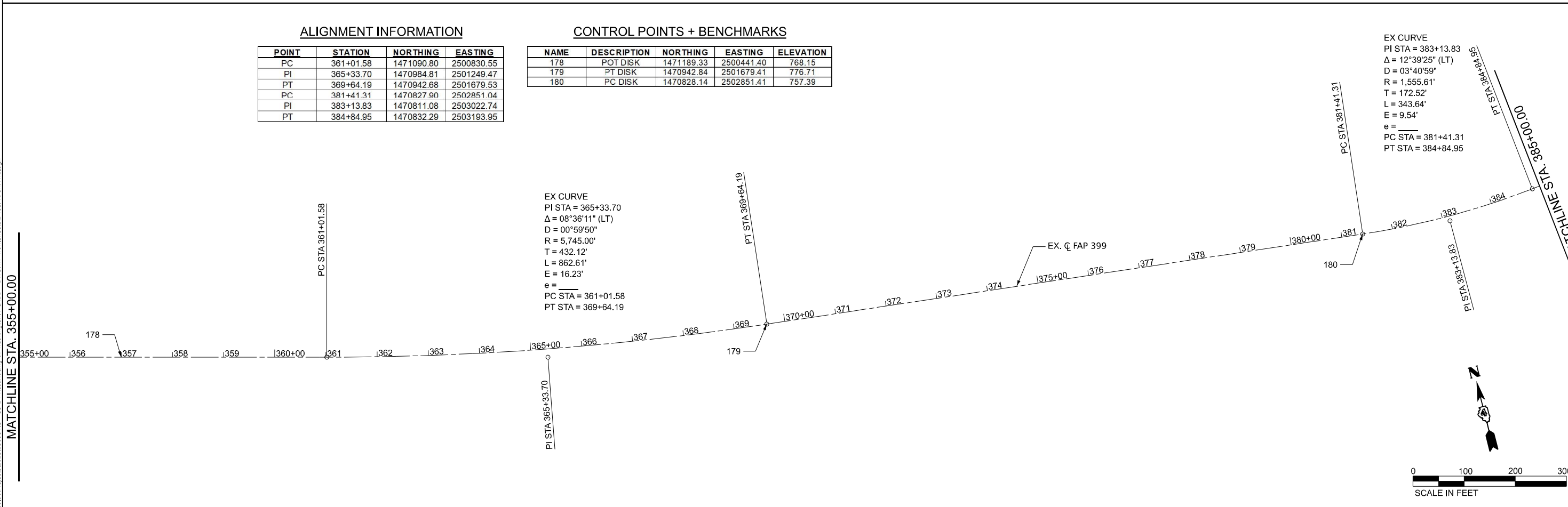
POINT	STATION	NORTHING	EASTING
PC	361+01.58	1471090.80	2500830.55
PI	365+33.70	1470984.81	2501249.47
PT	369+64.19	1470942.68	2501679.53
PC	381+41.31	1470827.90	2502851.04
PI	383+13.83	1470811.08	2503022.74
PT	384+84.95	1470832.29	2503193.95

CONTROL POINTS + BENCHMARKS

NAME	DESCRIPTION	NORTHING	EASTING	ELEVATION
178	POT DISK	1471189.33	2500441.40	768.15
179	PT DISK	1470942.84	2501679.41	776.71
180	PC DISK	1470828.14	2502851.41	757.39

EX CURVE
 PI STA = 383+13.83
 $\Delta = 12^{\circ}39'25''$ (LT)
 $D = 03^{\circ}40'59''$
 $R = 1,555.61'$
 $T = 172.52'$
 $L = 343.64'$
 $E = 9.54'$
 $e =$
 PC STA = 381+41.31
 PT STA = 384+84.95

EX CURVE
 PI STA = 365+33.70
 $\Delta = 08^{\circ}36'11''$ (LT)
 $D = 00^{\circ}59'50''$
 $R = 5,745.00'$
 $T = 432.12'$
 $L = 862.61'$
 $E = 16.23'$
 $e =$
 PC STA = 361+01.58
 PT STA = 369+64.19



MODEL SHEETS
 FILE NAME: W:\000\500\Projects\2023\239851-C - US 24 Resurfacing in Washington CAD - DWG\04.7 TranSheets\355+00.00-385+00.00.dgn



USER NAME = dlce	DESIGNED -	REVISED -
PLOT SCALE = 200,000 * / in.	DRAWN -	REVISED -
PLOT DATE = 7/8/2024	CHECKED -	REVISED -
	DATE -	REVISED -

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ALIGNMENTS, TIES, AND BENCHMARKS

SCALE: 1"=100' SHEET 2 OF 3 SHEETS STA. 325+00.00 TO STA. 385+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	16
CONTRACT NO. 68J41				
ILLINOIS		FED. AID PROJECT		

MATCHLINE STA. 385+00.00

PC STA 388+95.93

PI STA 391+05.20

PT STA 393+14.26

PI STA 0+00.00

PI STA 6+74.50

PI STA 8+82.80

PI STA 13+33.30

EX CURVE
 PI STA = 391+05.20
 $\Delta = 04^{\circ}21'29''$ (RT)
 $D = 01^{\circ}02'30''$
 $R = 5,500.00'$
 $T = 209.27'$
 $L = 418.33'$
 $E = 3.98'$
 $e =$
 PC STA = 388+95.93
 PT STA = 393+14.26

EQN: STA 397+76.70 BK =
 STA 0+00.00/AH

EX. C FAP 399

179°8'0"

181°29'0"

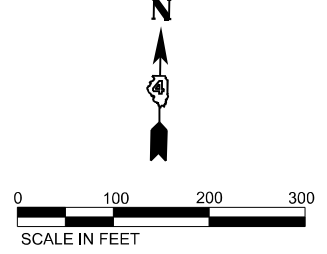
179°14'0"

ALIGNMENT INFORMATION

POINT	STATION	NORTHING	EASTING
PC	388+95.93	1470882.81	2503601.81
PI	391+05.20	1470908.54	2503809.49
PT	393+14.26	1470918.41	2504018.53
EQN (BK)	397+76.70	1470940.22	2504480.45
EQN (AHD)	0+00.00	1470940.22	2504480.45
PI	6+74.50	1470959.05	2505154.69
PI	8+82.80	1470961.72	2505362.97
PI	13+33.30	1470979.14	2505813.13
POT	17+00.00	1470988.42	2506179.72

CONTROL POINTS + BENCHMARKS

NAME	DESCRIPTION	NORTHING	EASTING	ELEVATION
184	BRASS STUB	1470919.20	2504018.86	761.01



MODEL: Sheets
 FILE NAME: \\10.0.0.90\Projects\2023\239851C - US 24 Resurfacing in Washington and CADD - DWG\4.7 TransSheets\Drawings\1-sh-ctrl.dgn



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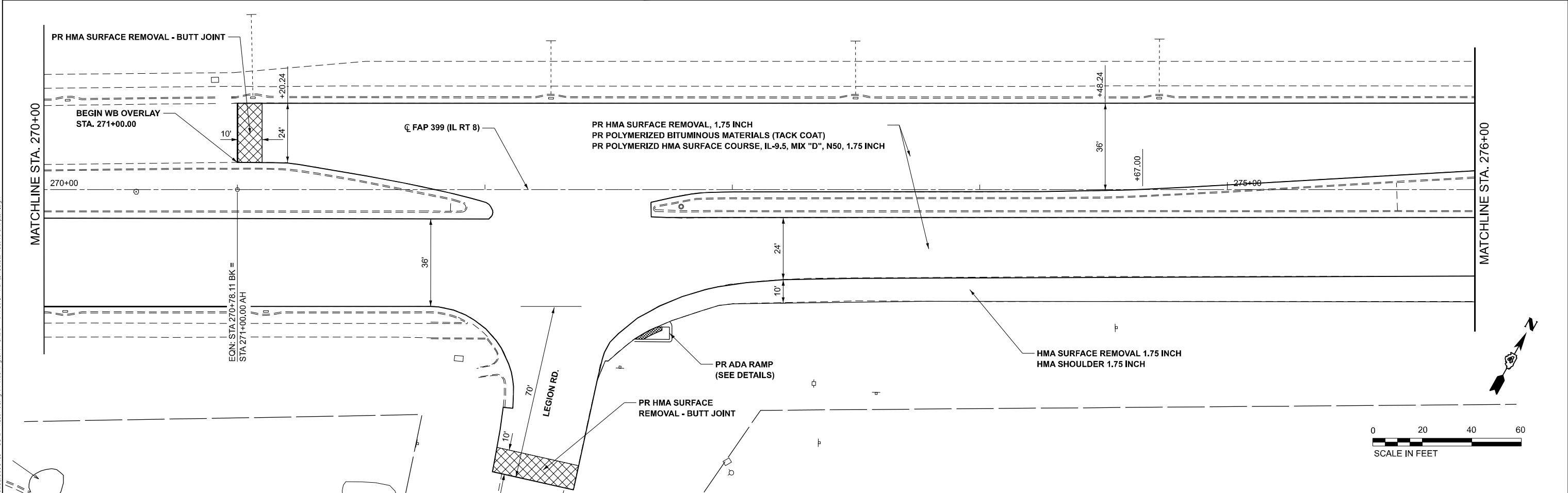
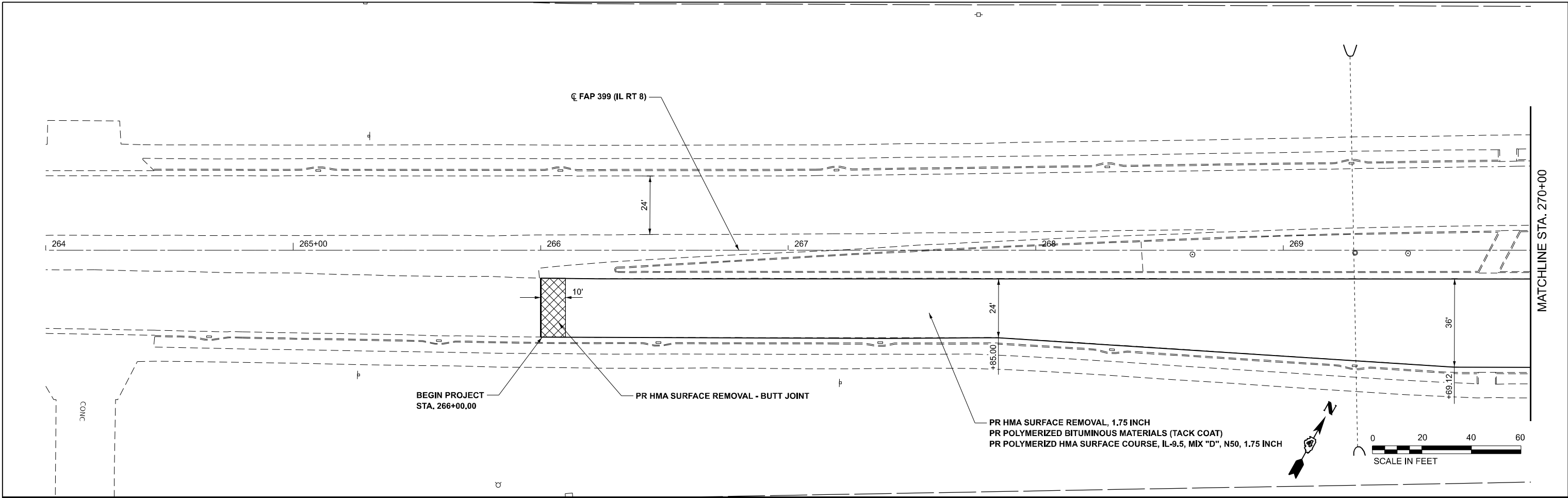
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	DATE -	REVISED -

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ALIGNMENTS, TIES, AND BENCHMARKS

SCALE: 1"=100' SHEET 3 OF 3 SHEETS STA. 385+00.00 TO STA. 13+57.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	17
CONTRACT NO. 68J41				
		ILLINOIS	FED. AID PROJECT	



MODEL: BUS24EXCL - Plan 1 (Sheet)
 FILE NAME: P:\2023\239924\C - US 24 Resurfacing in Washington - CADD - DWG\L7 TranSheets\18611-sh-1plan.dwg
 USER: dlee

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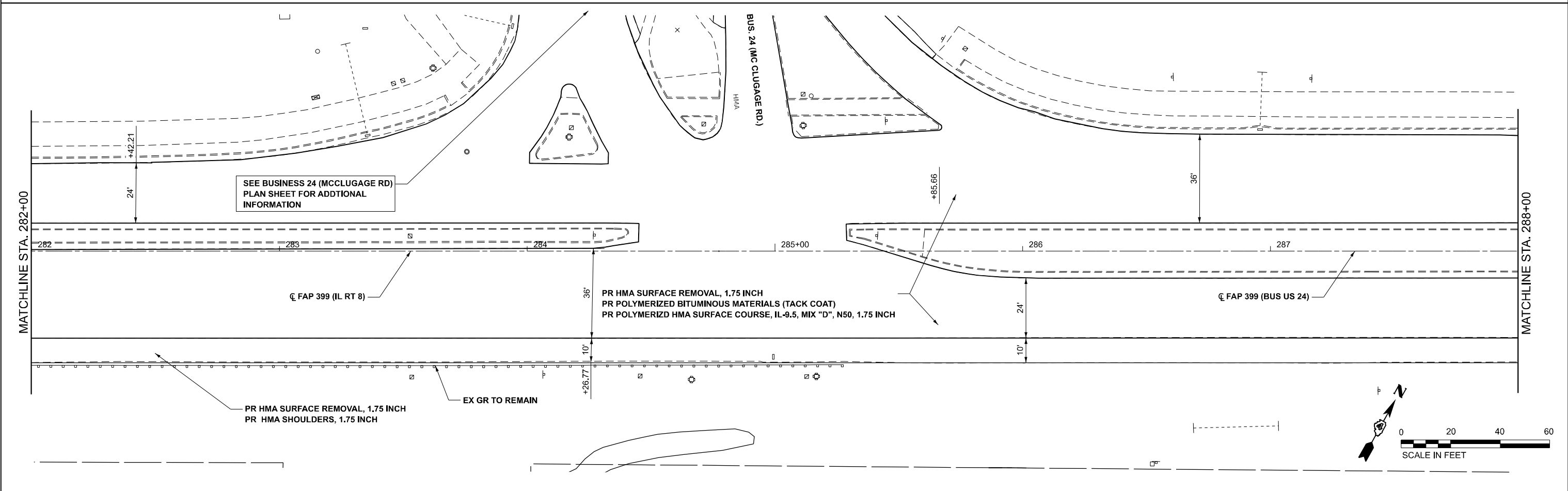
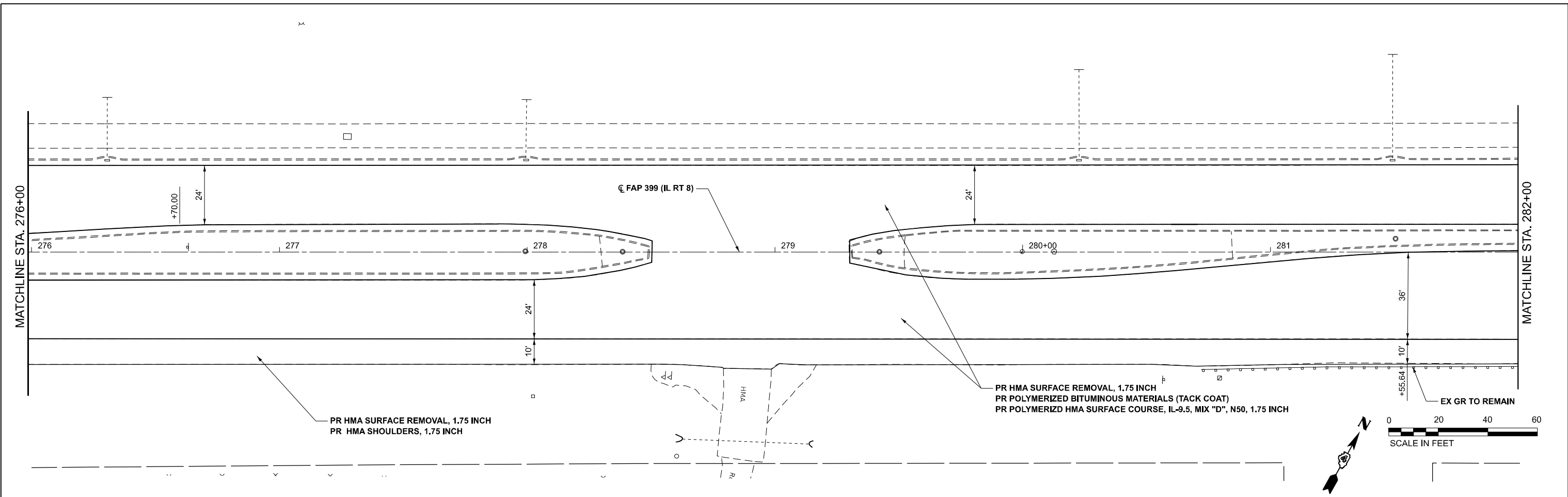
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PLOT DATE = 7/8/2024	CHECKED -	REVISED -
	DATE -	REVISED -

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IL 8 / BUSINESS 24
PLAN SHEETS

SCALE: 1"=20' SHEET 1 OF 14 SHEETS STA. 264+00.00 R1 TO STA. 276+00.00 R2

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	18
CONTRACT NO. 68J41				
		ILLINOIS	FED. AID PROJECT	



MODEL: BUS24EXCL - Plan2 (Sheet) [Sheet]
 FILE NAME: P:\2023\230924\C - US 24 Resurfacing in Washington - CAD\DWG\17 - Tran\Sheets\18811-sh1-plan2.dwg


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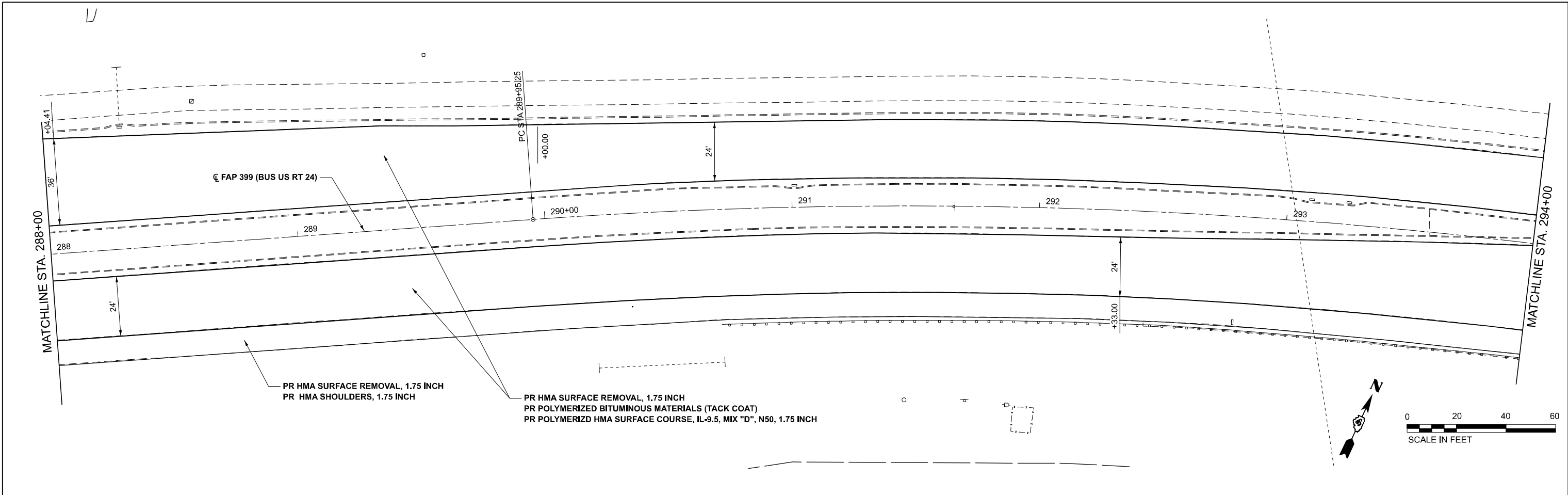
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PLAN SHEETS

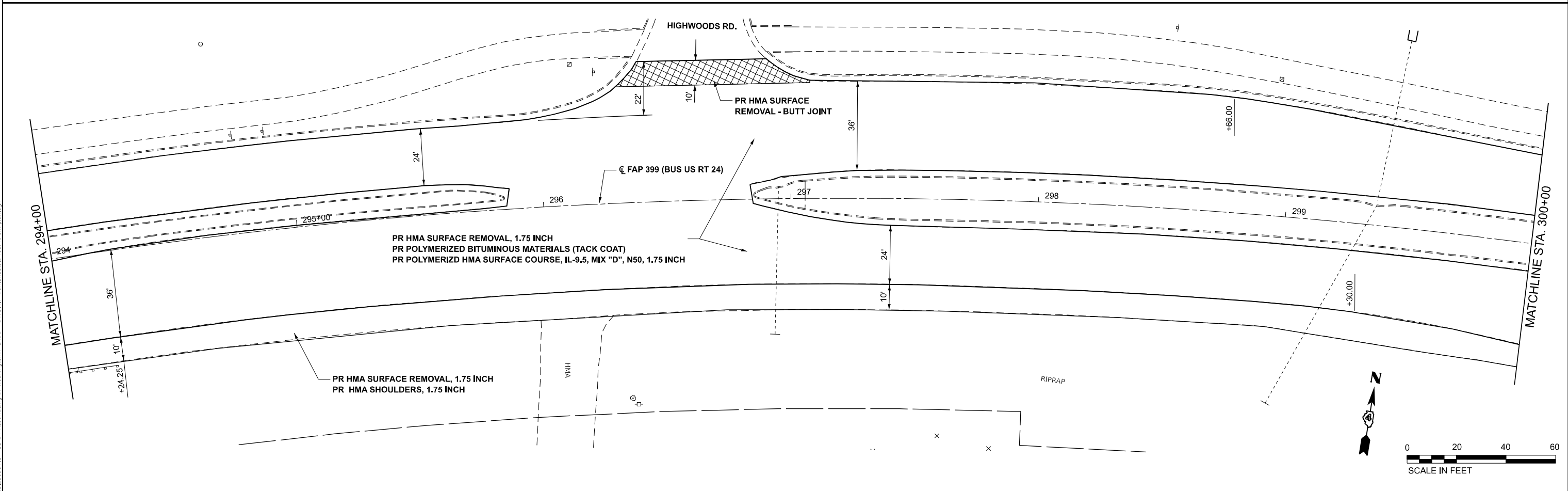
SCALE: 1"=20' SHEET 2 OF 14 SHEETS STA. 276+00.00 R2 TO STA. 288+00.00 R2

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	19
CONTRACT NO. 68J41				
ILLINOIS FED. AID PROJECT				



PR HMA SURFACE REMOVAL, 1.75 INCH
PR HMA SHOULDERS, 1.75 INCH

PR HMA SURFACE REMOVAL, 1.75 INCH
PR POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)
PR POLYMERIZED HMA SURFACE COURSE, IL-9.5, MIX "D", N50, 1.75 INCH



PR HMA SURFACE REMOVAL, 1.75 INCH
PR POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)
PR POLYMERIZED HMA SURFACE COURSE, IL-9.5, MIX "D", N50, 1.75 INCH

PR HMA SURFACE REMOVAL, 1.75 INCH
PR HMA SHOULDERS, 1.75 INCH

MODEL: BUS24EXCL - Plan-3 (Sheet)
FILE NAME: P:\2023\239924\C - US 24 Resurfacing in Washington - CADD - DWG\17 - Plan Sheets\18611-sh-1-plan.dwg

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PLOT DATE = 7/8/2024	CHECKED -	REVISED -
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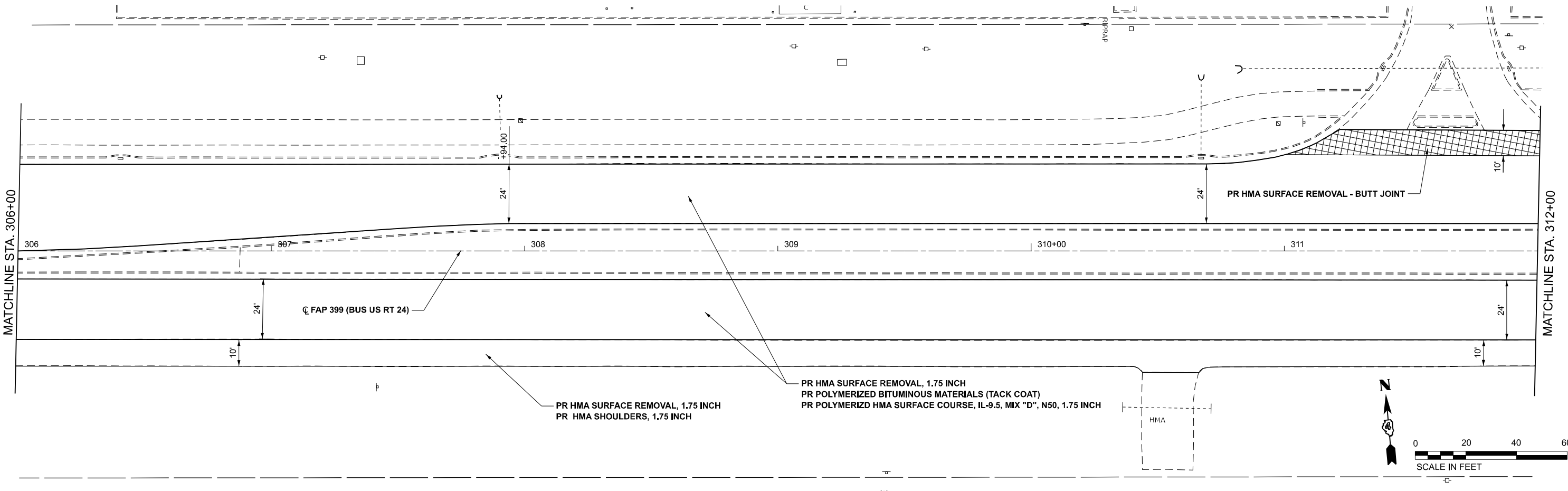
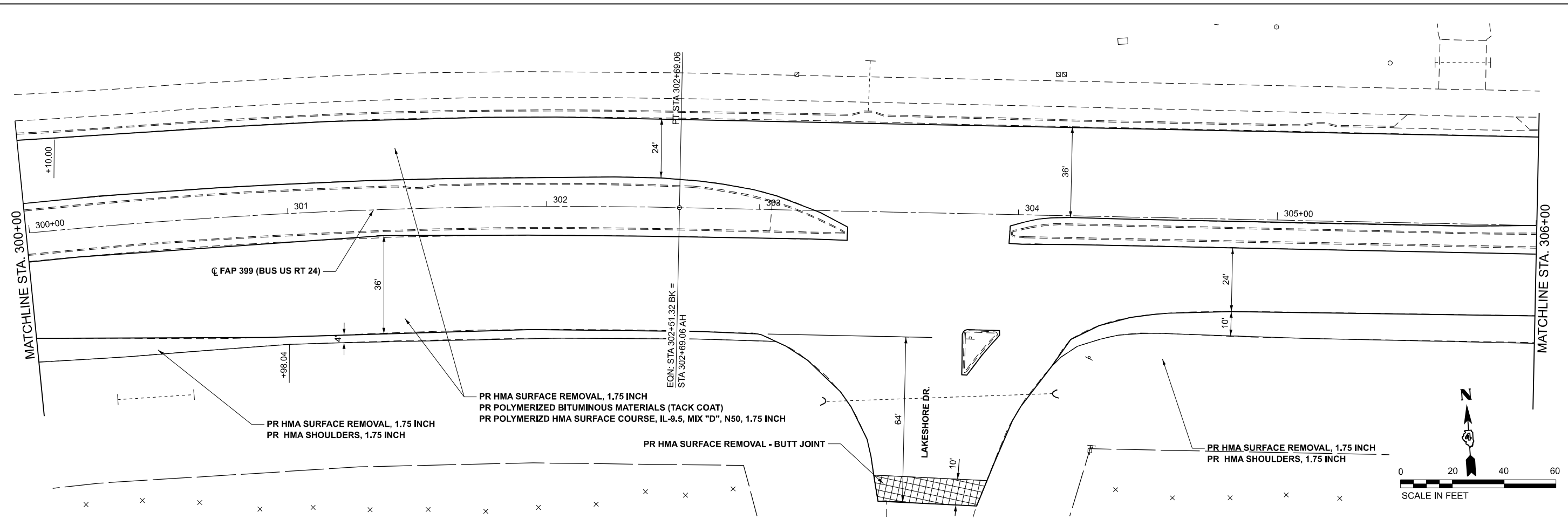
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PLAN SHEETS**

SCALE: 1"=20' SHEET 3 OF 14 SHEETS STA. 288+00.00 R2 TO STA. 300+00.00 R2

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	20
CONTRACT NO. 68J41				
ILLINOIS FED. AID PROJECT				

MODEL: BUS24EXCL - Plan-1 (Sheet)
 FILE NAME: P:\2023\230924\230924\C - US 24 Resurfacing in Washington CADP - DWG\L7 - TranSheets\016811-sh1-plan.dwg



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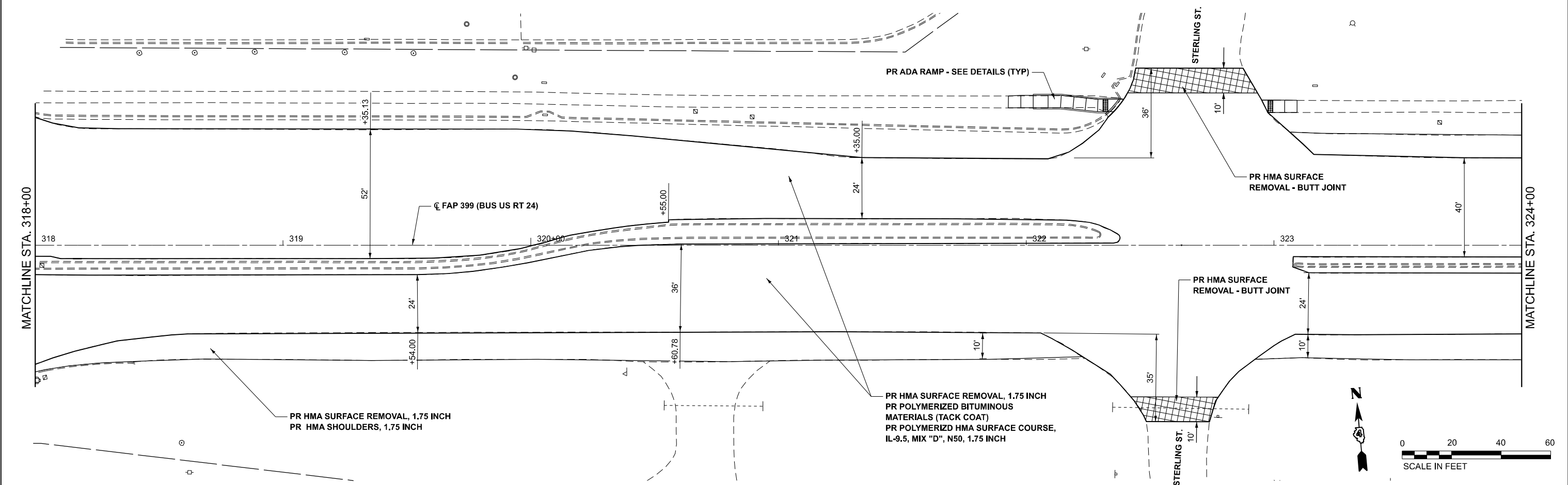
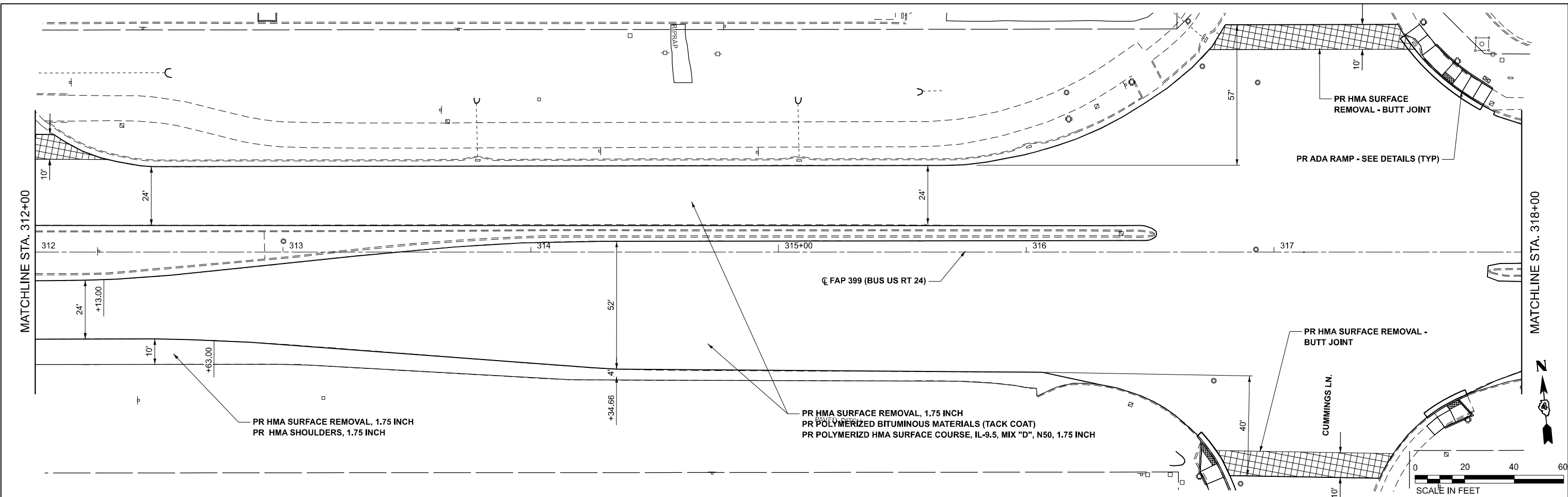
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	DATE -	REVISED -

**STATE OF ILLINOIS
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**IL 8 / BUSINESS 24
 PLAN SHEETS**

SCALE: 1"=20' SHEET 4 OF 14 SHEETS STA. 300+00.00 R2 TO STA. 312+00.00 R3

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	21
CONTRACT NO. 68J41				
ILLINOIS FED.AID PROJECT				



MODEL: BUS24EXCL - Plan-5 [Sheet]
 FILE NAME: P:\2023\239924\C - US 24 Resurfacing in Washington - CAD - DWG\L7 - TranSheets\18611-shr-plan.dwg

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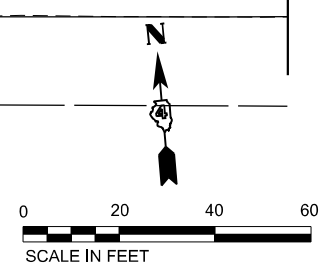
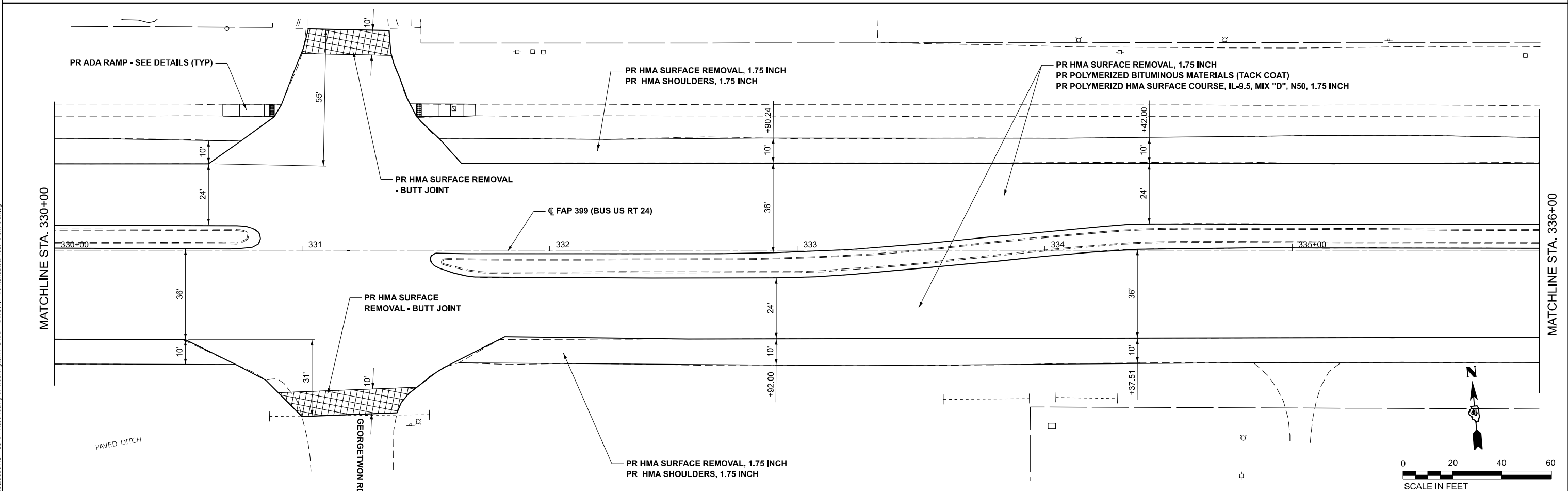
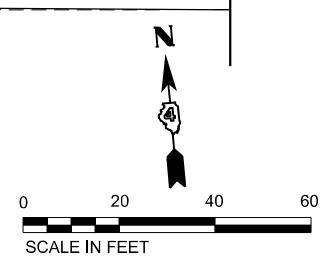
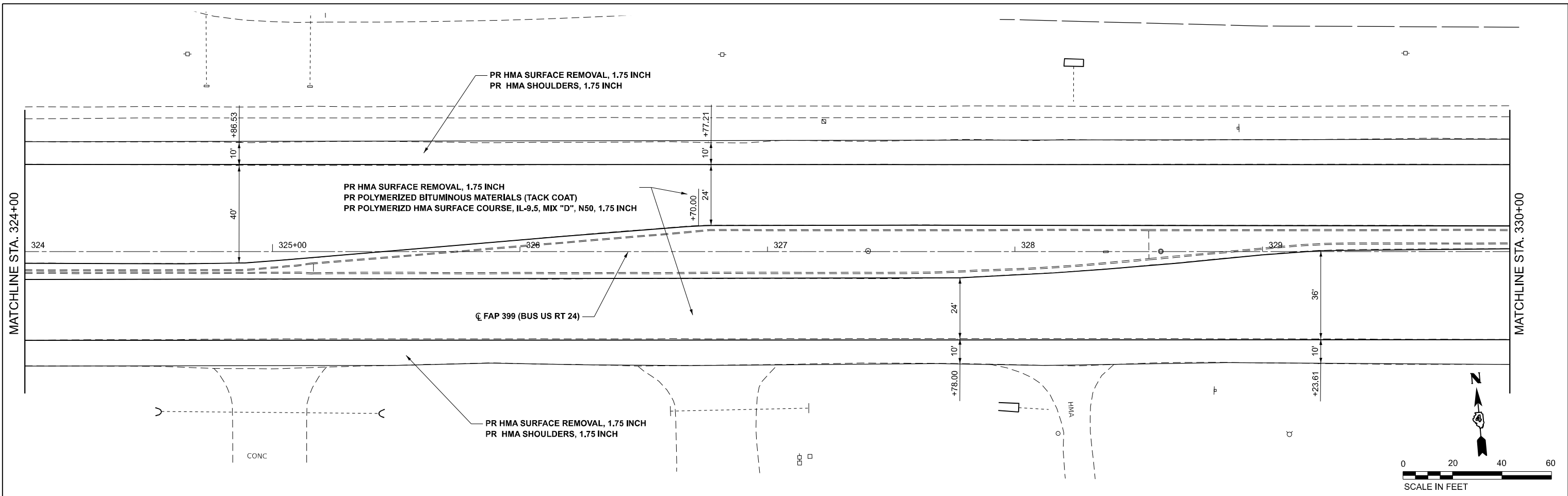
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	DATE -	REVISED -

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IL 8 / BUSINESS 24
PLAN SHEETS

SCALE: 1"=20' SHEET 5 OF 14 SHEETS STA. 312+00.00 R3 TO STA. 324+00.00 R3

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	22
CONTRACT NO. 68J41				
ILLINOIS FED. AID PROJECT				



MODEL: BUS24EXCL - Plan-d [Sheet]
 FILE NAME: P:\2023\239924\C - US 24 Resurfacing in Washington - CADP - DWG\17 - TranSheets\186811-sh1-plan.dwg



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 PLOT DATE = 7/8/2024

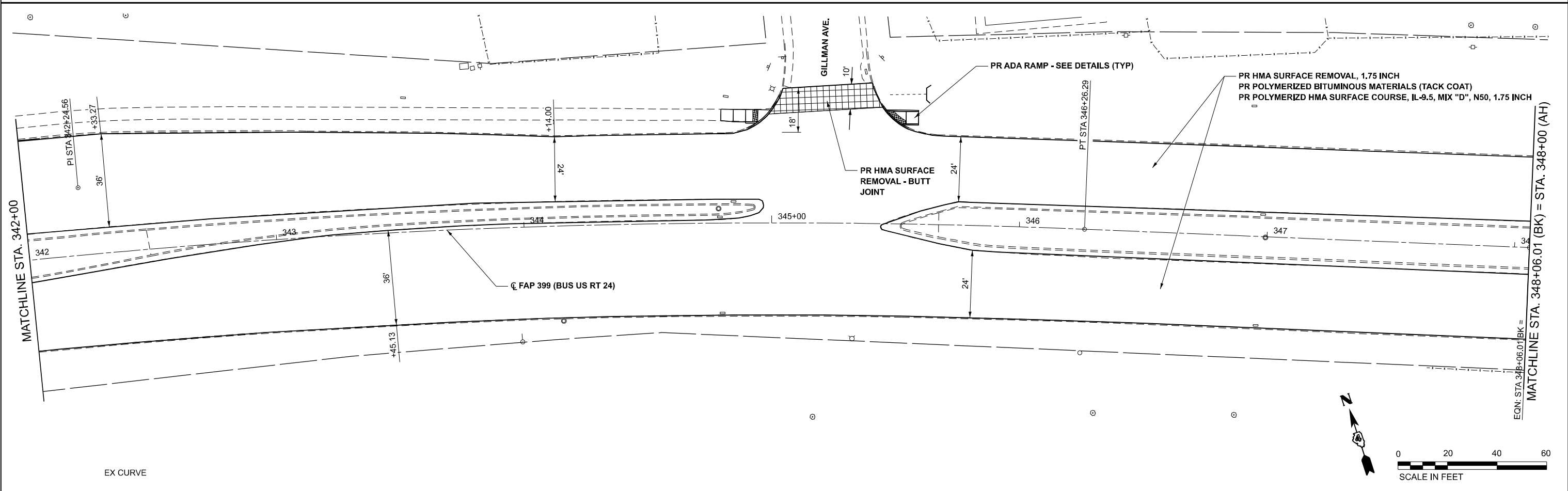
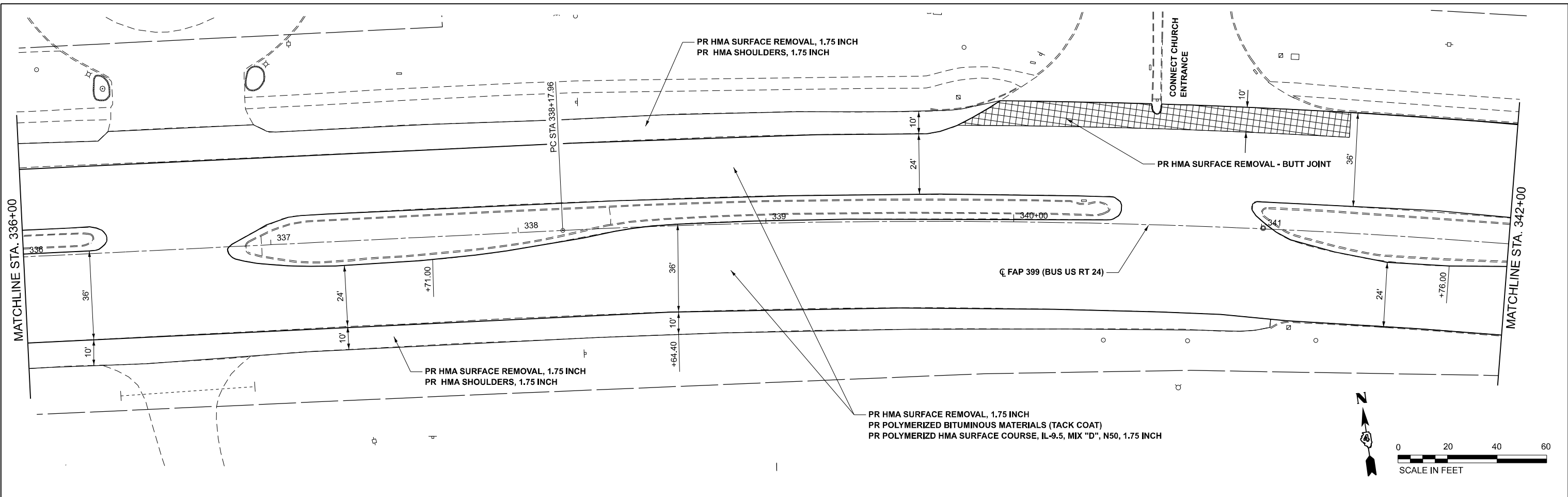
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DATE -	REVISED -

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IL 8 / BUSINESS 24
PLAN SHEETS

SCALE: 1"=20' SHEET 6 OF 14 SHEETS STA. 324+00.00 R3 TO STA. 336+00.00 R3

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	23
CONTRACT NO. 68J41				
ILLINOIS FED. AID PROJECT				



MODEL: BUS24EXCL - Plan7 [Sheet]
 FILE NAME: P:\2023\230924C - US 24 Resurfacing in Washington - CAD - DWG\17 - PlanSheets\18611-shr-iplm.dwg


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PLOT SCALE = 0.1666667' / in.	DRAWN -	REVISED -
PLOT DATE = 7/8/2024	CHECKED -	REVISED -
	DATE -	REVISED -

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IL 8 / BUSINESS 24
PLAN SHEETS

SCALE: 1"=20' SHEET 7 OF 14 SHEETS STA. 336+00.00 R3 TO STA. 348+00.00 R4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	24
CONTRACT NO. 68J41				
ILLINOIS FED.AID PROJECT				

MODEL: BUS24EXCL - Plan-8 [Sheet]
 FILE NAME: P:\2023\239924\C - US 24 Resurfacing in Washington - CAD - DWG\17 - PlanSheets\01-8811-sh1-plan.dwg



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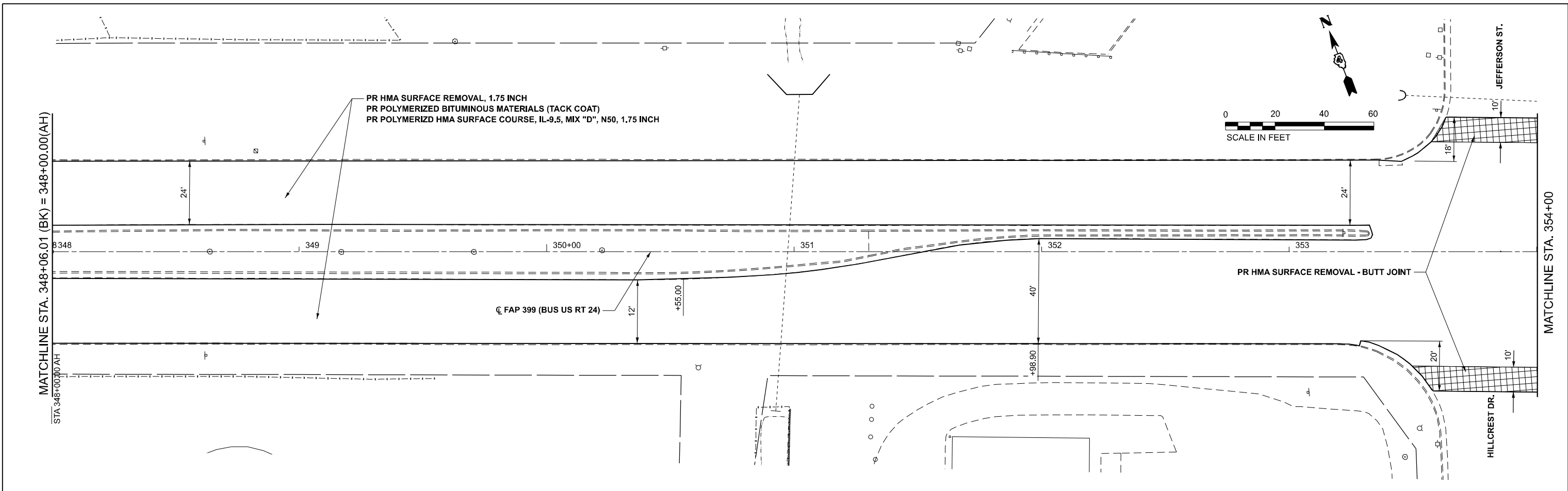
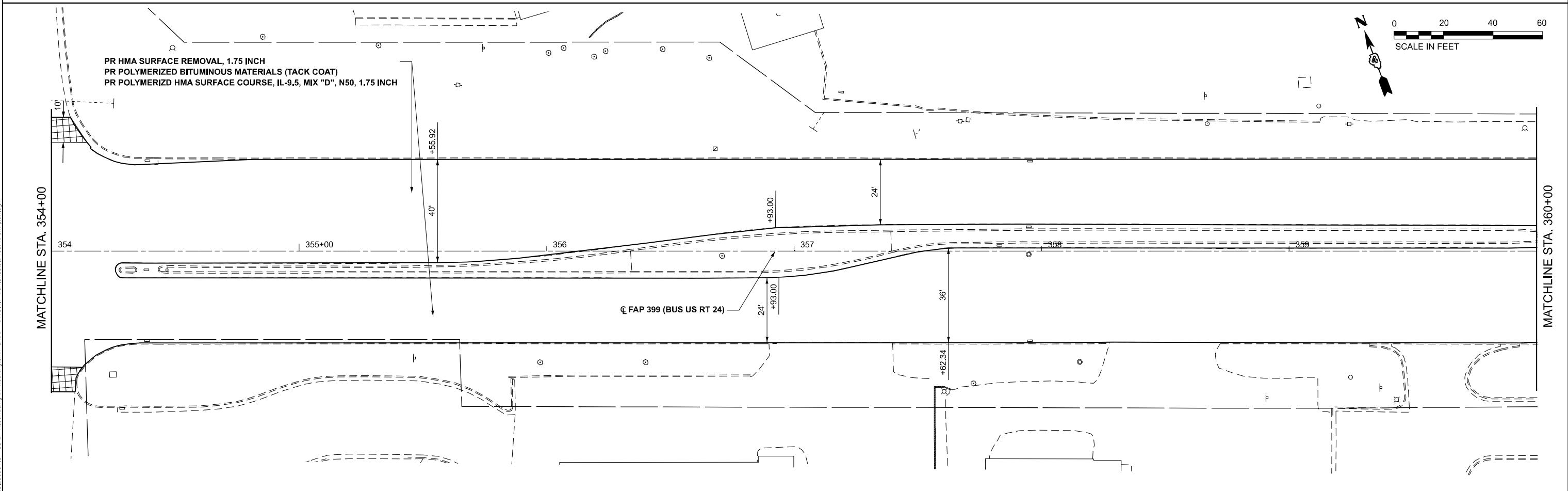
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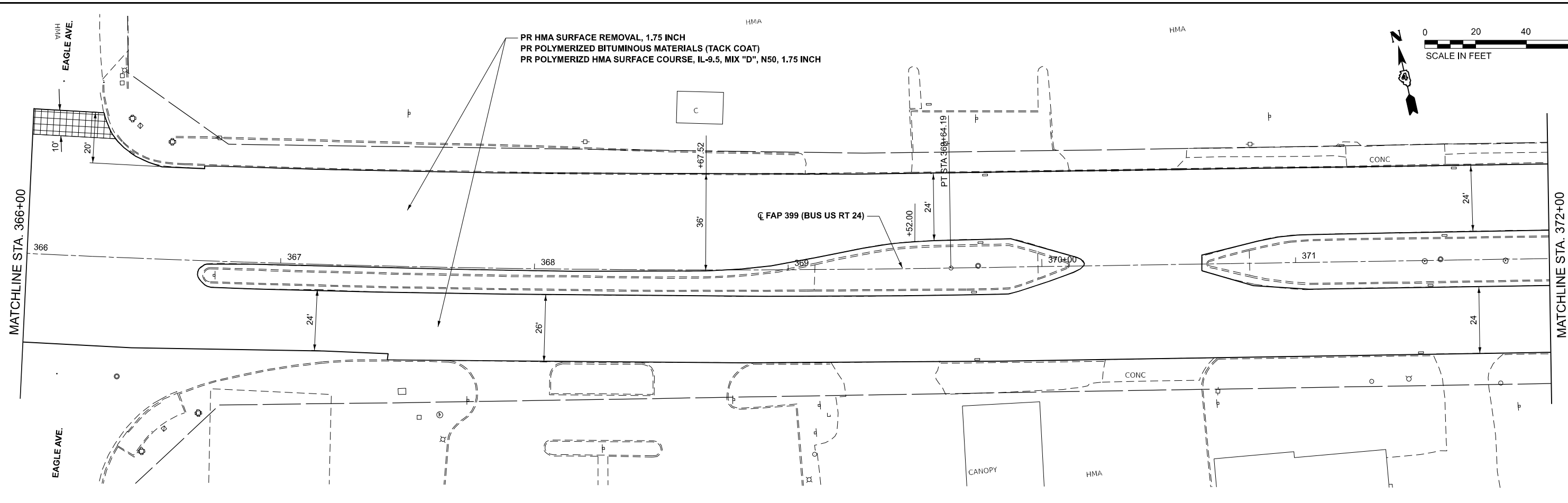
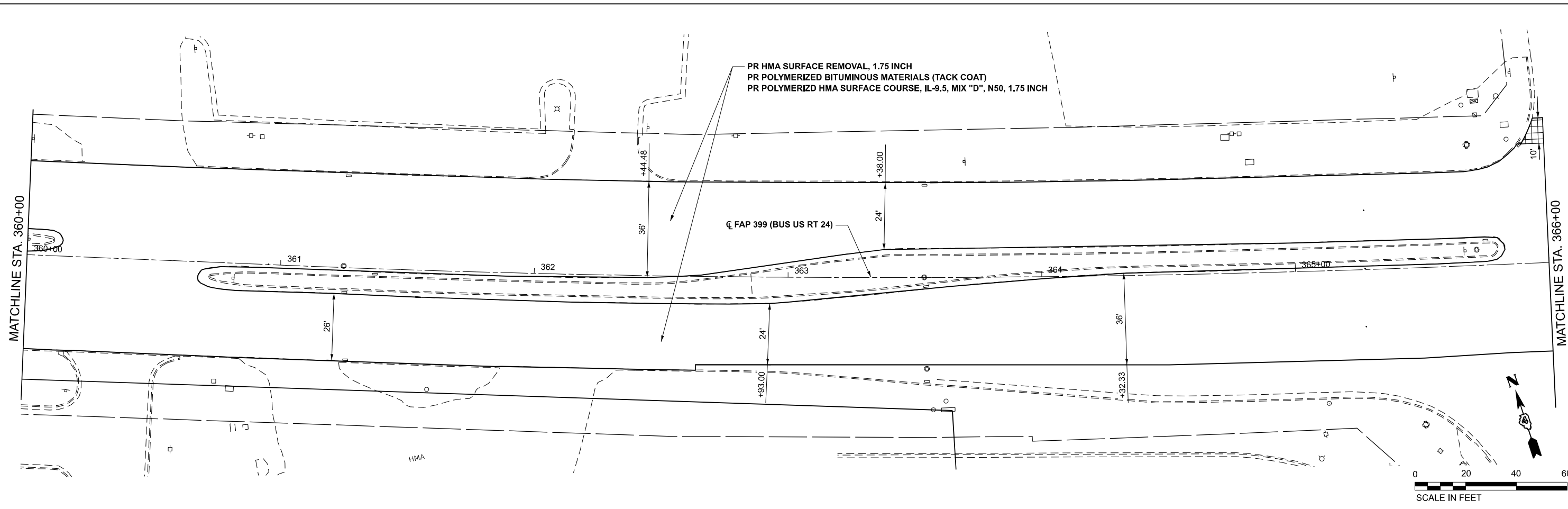
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**IL 8 /BUSINESS 24
 PLAN SHEETS**

SCALE: 1"=20' SHEET 8 OF 14 SHEETS STA. 348+00.00 R4 TO STA. 360+00.00 R4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	25
CONTRACT NO. 68J41				
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MODEL: BUS24EXCL - Plan-9 [Sheet]
 FILE NAME: P:\2023\239924\C - US 24 Resurfacing in Washington - CAD - DWG\L7 - TranSheets\016811-sh-1plan.dwg

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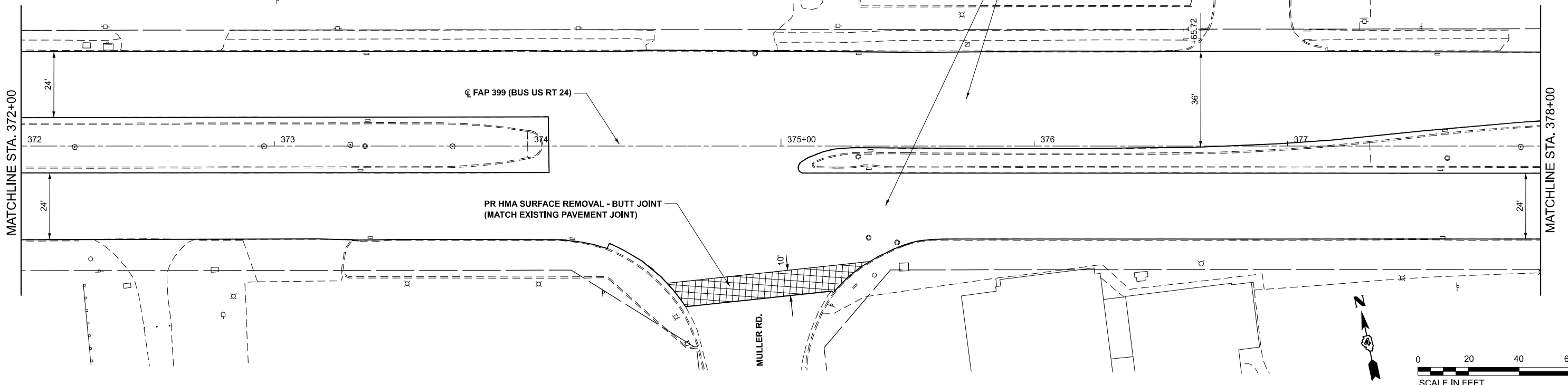
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IL 8 / BUSINESS 24
PLAN SHEETS

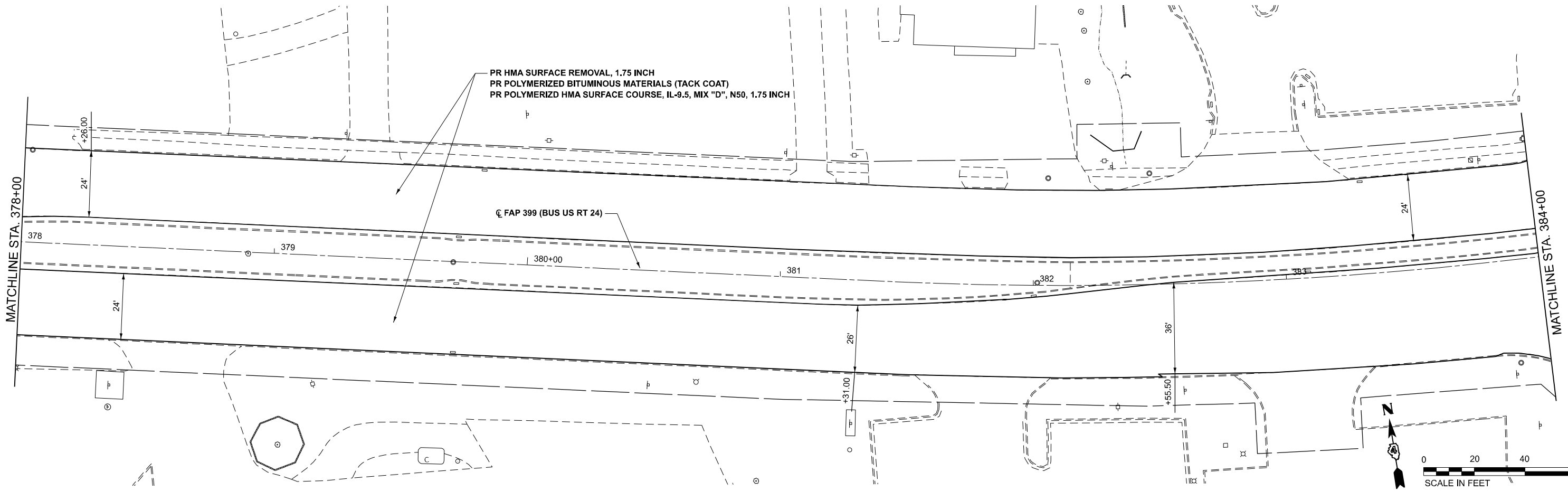
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	26
CONTRACT NO. 68J41				
ILLINOIS FED. AID PROJECT				

PR HMA SURFACE REMOVAL, 1.75 INCH
 PR POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)
 PR POLYMERIZED HMA SURFACE COURSE, IL-9.5, MIX "D", N50, 1.75 INCH



PR HMA SURFACE REMOVAL, 1.75 INCH
 PR POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)
 PR POLYMERIZED HMA SURFACE COURSE, IL-9.5, MIX "D", N50, 1.75 INCH



MODEL: BUS24EXCL - Plan-10 (Sheet)
 FILE NAME: P:\2023\239994\1C - US 24 Resurfacing in Washington - CADD - DWG\17 - TranSheets\186811-shp-plan.dwg

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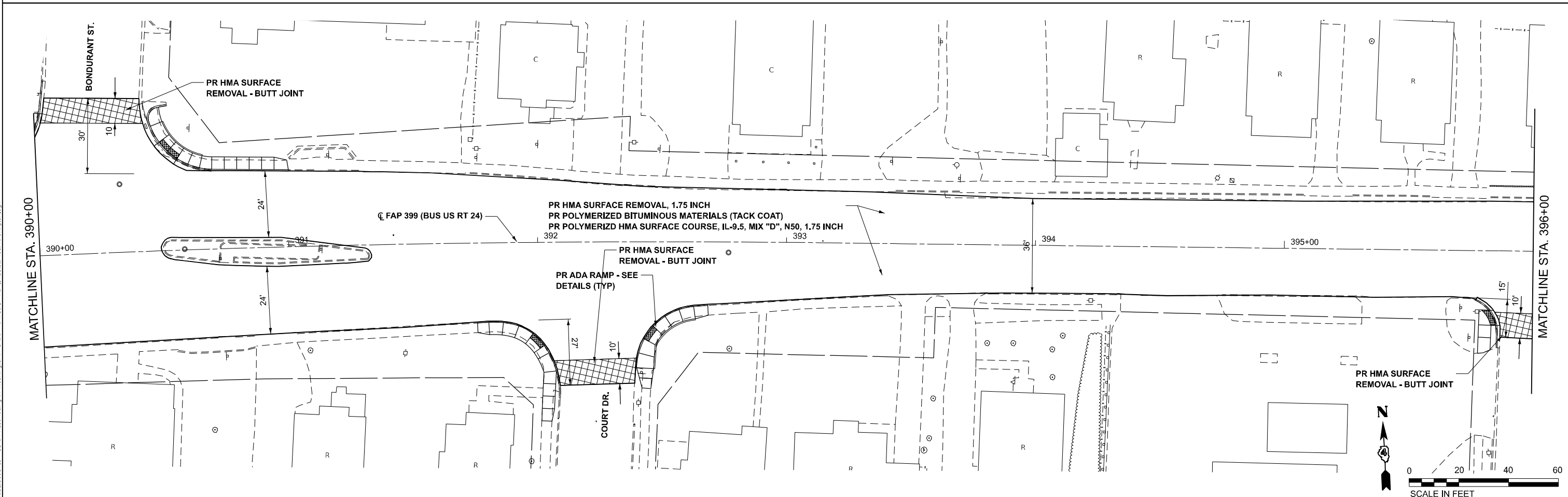
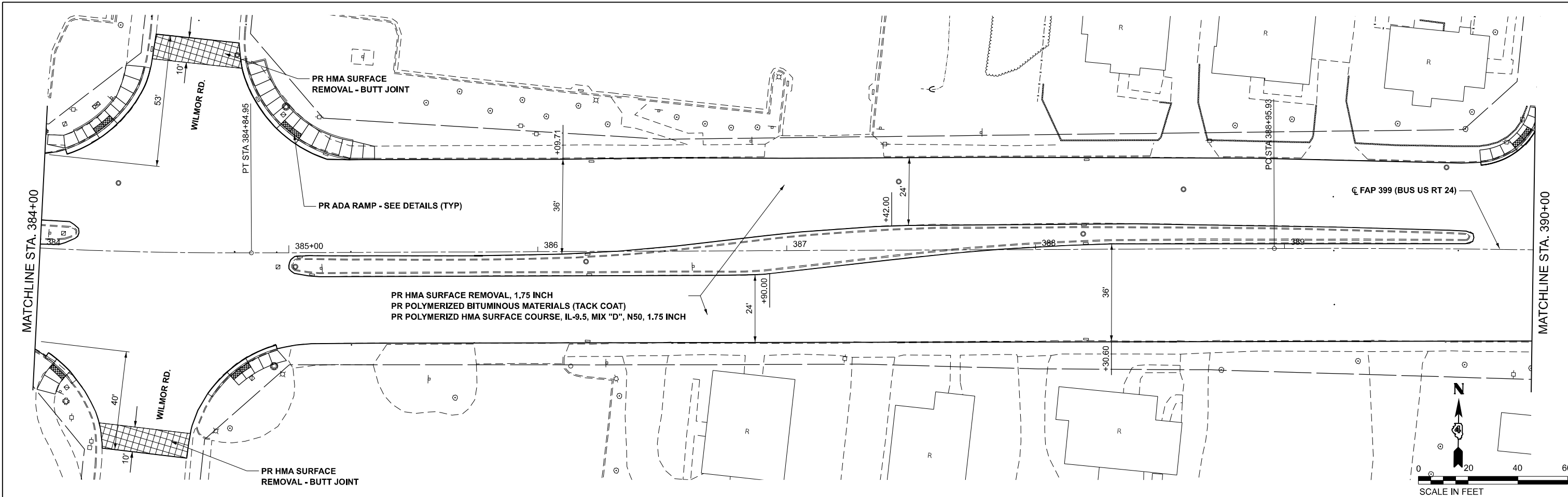
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PLOT DATE = 7/8/2024	CHECKED -	REVISED -
	DATE -	REVISED -

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**IL 8 / BUSINESS 24
 PLAN SHEETS**

SCALE: 1"=20' SHEET 10 OF 14 SHEETS STA. 372+00.00 R4 TO STA. 384+00.00 R4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	27
CONTRACT NO. 68J41				
ILLINOIS FED. AID PROJECT				



MODEL: BUS24EXCL - Plan-11 (Sheet)
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TWM
ENGINEERING
GEOSPATIAL SERVICES

TWM, INC.
www.twm-inc.com

IL DESIGN FIRM
LICENSE NO:
184-001220

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 CHECKED -
 DATE -

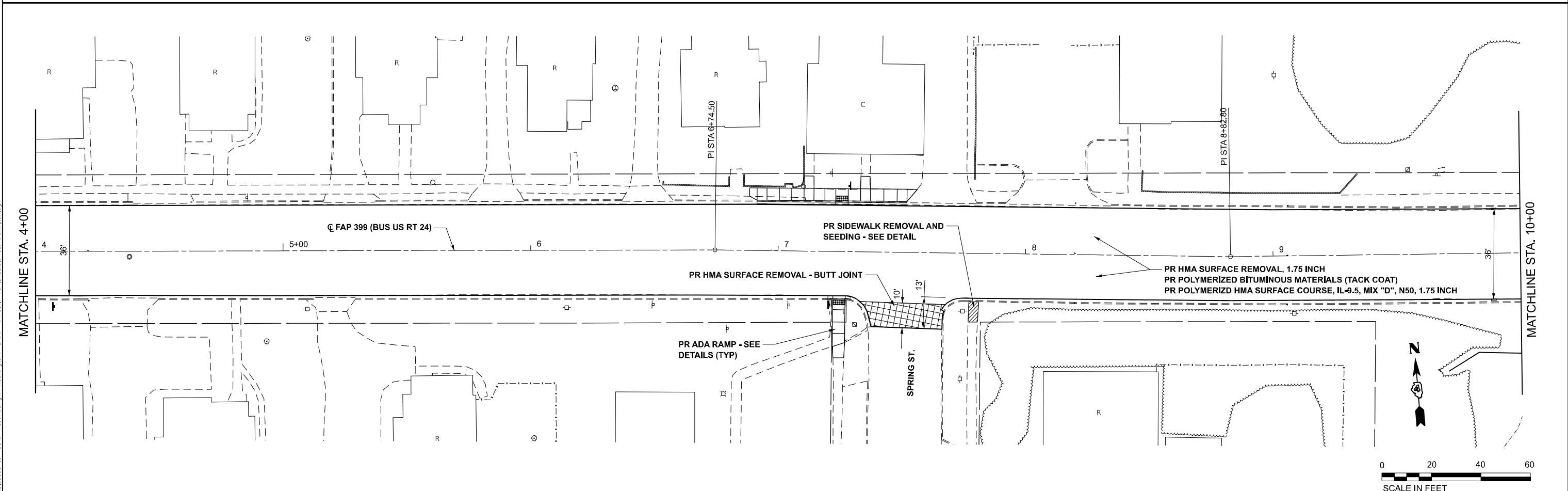
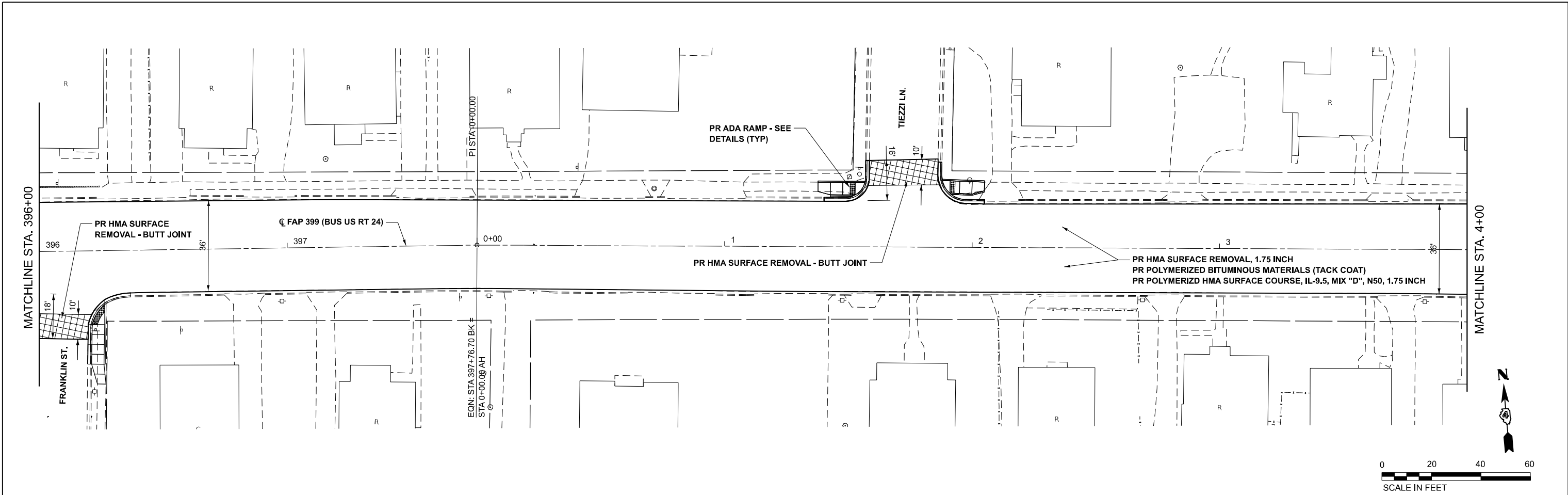
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 8 / BUSINESS 24
 PLAN SHEETS**

SCALE: 1"=20' SHEET 11 OF 14 SHEETS STA. 384+00.00 R4 TO STA. 396+00.00 R4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	28
				CONTRACT NO. 68J41
ILLINOIS FED.AID PROJECT				



MODEL: BUS24EXCL - Plan-12 (Sheet)
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TWM
ENGINEERING
GEOSPATIAL SERVICES

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

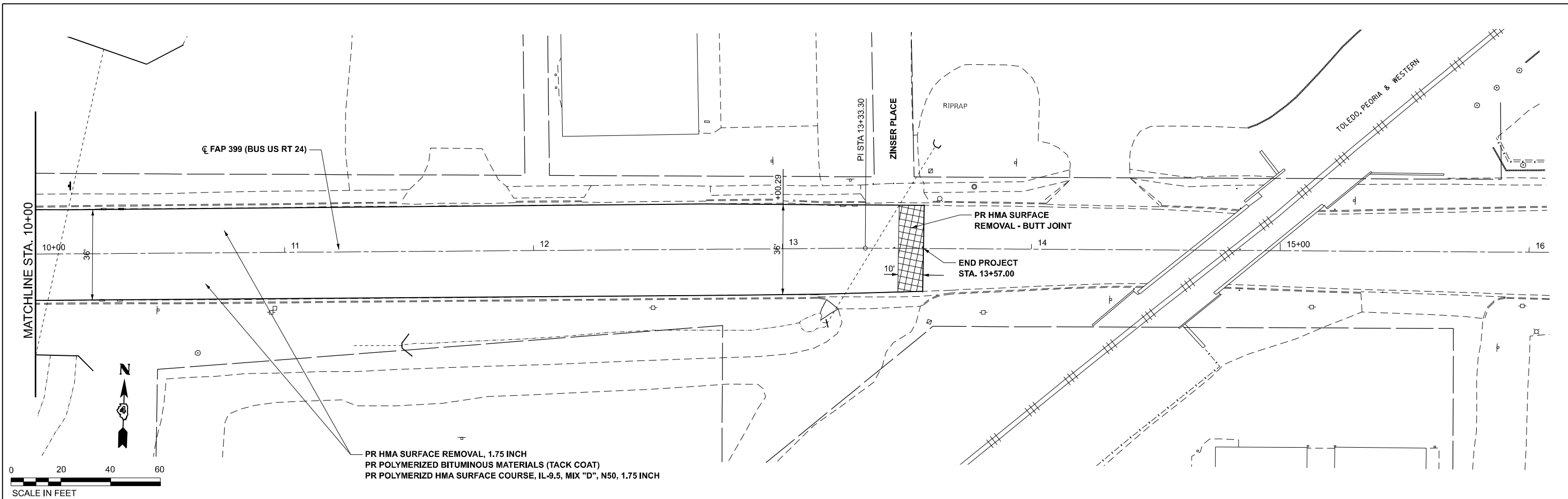
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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 8 / BUSINESS 24
PLAN SHEETS

SCALE: 1"=20' SHEET 12 OF 14 SHEETS STA. 396+00.00 R4 TO STA. 10+00.00 R5

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	29
CONTRACT NO. 68J41				
ILLINOIS FED.AID PROJECT				



MODEL: BUS24EXCL - Plan-13 (Sheet)
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 IL DESIGN FIRM
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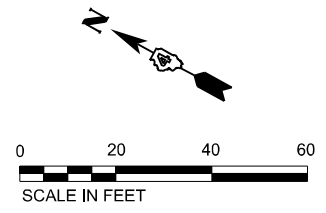
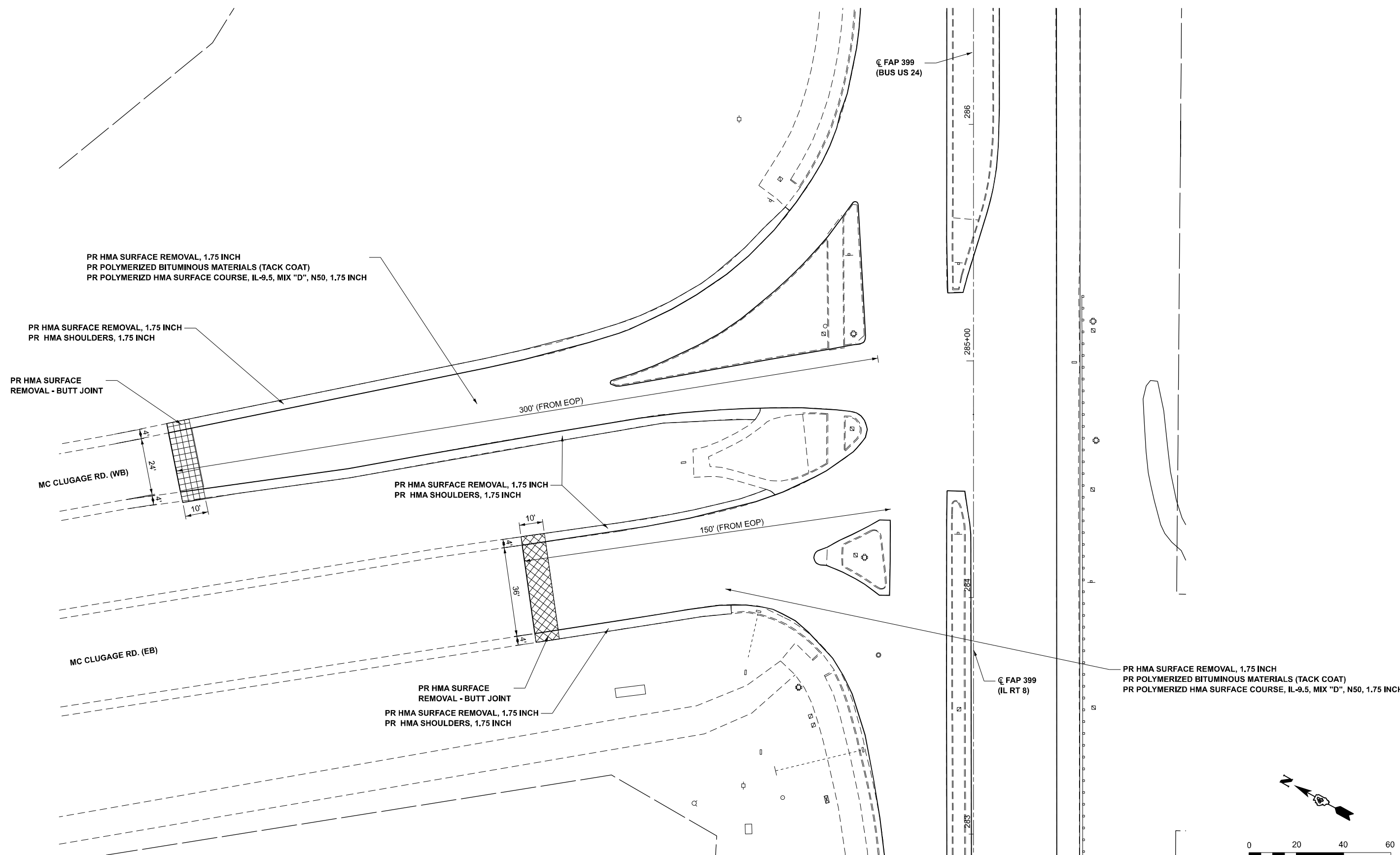
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 8 / BUSINESS 24
PLAN SHEETS

SCALE: 1"=20' SHEET 13 OF 14 SHEETS STA. 10+00.00 R5 TO STA. 13+57.00 R5

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	30
CONTRACT NO. 68J41				
ILLINOIS			FED. AID PROJECT	



MODEL: McClugage
 FILE NAME: \\T0001000\Projects\2023\239881C - US 24 Resurfacing in Washington\CAD - DWG\17_TrafficSheets\239881C-11-11-24.dwg


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 IL DESIGN FIRM
 LICENSE NO: 184-001220

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PLOT DATE = 7/18/2024	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUSINESS 24 (MCCLUGAGE RD)
PLAN SHEET

SCALE: 1"=20' SHEET 14 OF 14 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	31
CONTRACT NO. 68J41				
ILLINOIS FED. AID PROJECT				

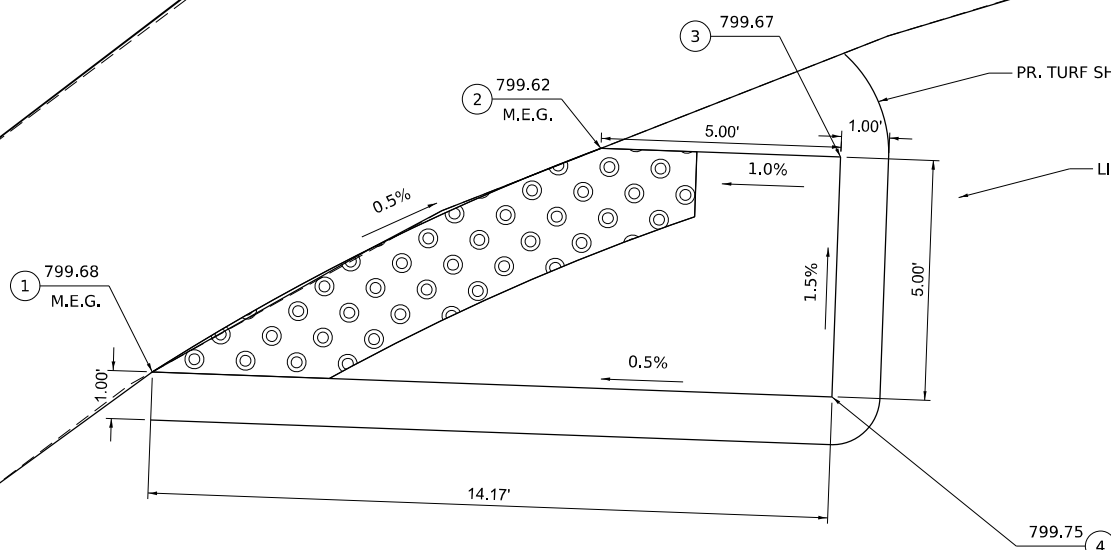
WASHINGTON ROAD

LEGION ROAD

EX. EOS

PR. TURF SHOULDER (<4%)

LIMITS OF CONSTRUCTION



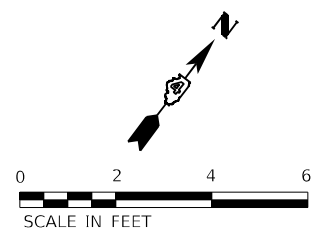
LOCATION #1

**S.E. QUADRANT
WASHINGTON RD. & LEGION RD.**

POINT	STATION	OFFSET
1	272+60.43	60.46' RT
2	272+69.63	55.51' RT
3	272+74.63	55.55' RT
4	272+74.59	60.55' RT

NOTES:

- 1) M.E.G. MATCH EXISTING GRADE
- 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMPS.
- 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.33%), SLOPE < 7% PREFERRED.
- 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE < 1.5% PREFERRED.
- 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'
- 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE < 1.5% PREFERRED.
- 7) COMPACTED HMA ADJACENT TO CURB RAMPS SHALL BE FLUSH WITH THE GUTTER PAN.



MODEL: Default
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LICENSE NO:
184-001220

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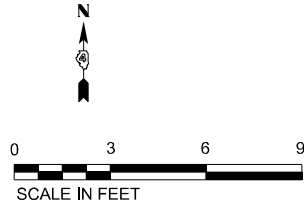
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
LEGION ROAD**

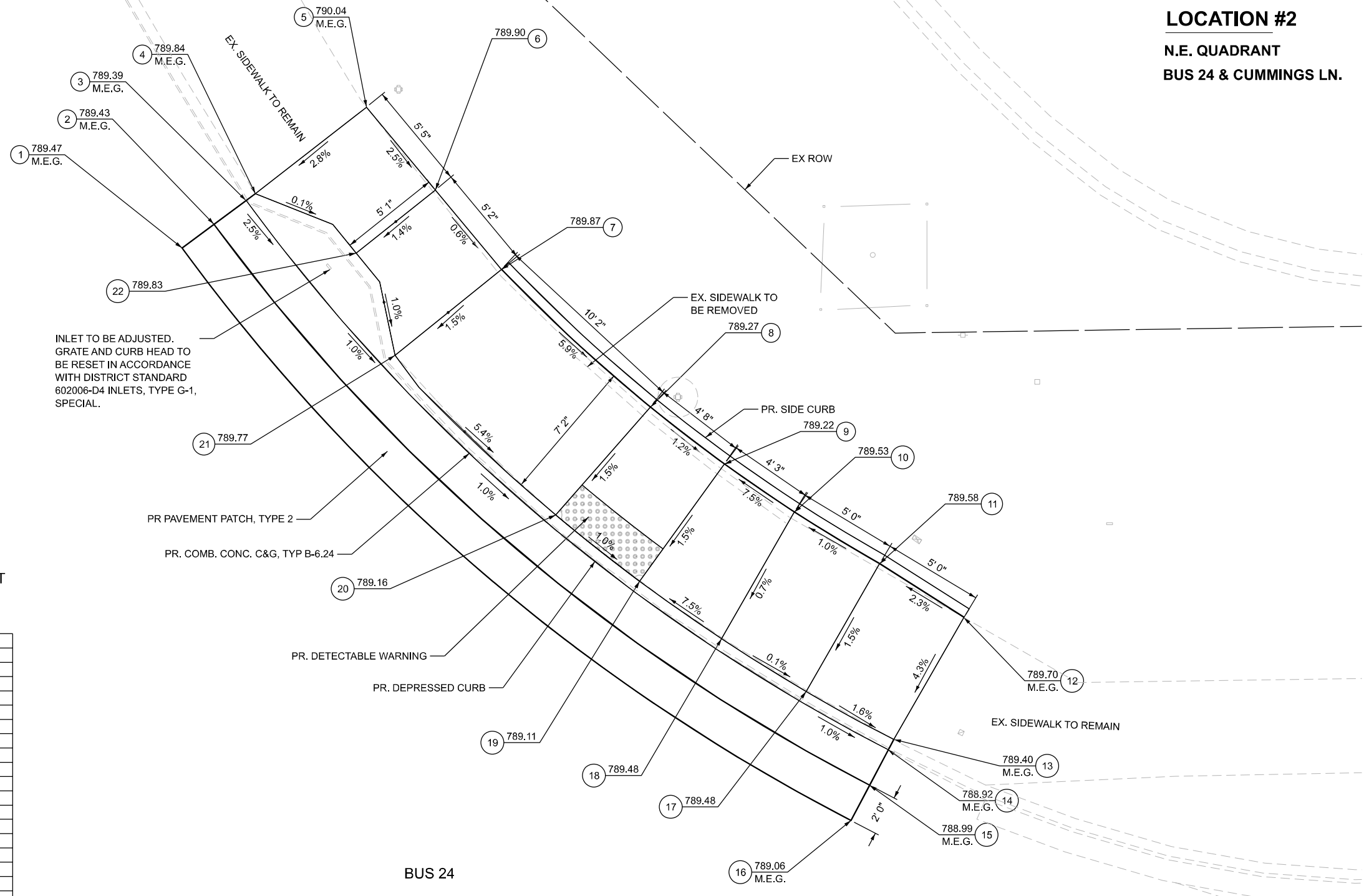
SCALE: 1"=2' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	32
CONTRACT NO. 68J41				
		ILLINOIS	FED. AID PROJECT	



LOCATION #2
N.E. QUADRANT
BUS 24 & CUMMINGS LN.

CUMMINGS LN.



LOCATION #2, N.E. QUADRANT
BUS 24 & CUMMINGS LN.

POINT	STATION	OFFSET
1	317+49.34	84.98' LT
2	317+50.97	86.14' LT
3	317+52.60	87.30' LT
4	317+53.08	87.63' LT
5	317+58.73	91.85' LT
6	317+62.10	87.63' LT
7	317+65.33	83.59' LT
8	317+72.65	76.53' LT
9	317+76.30	73.60' LT
10	317+79.76	71.13' LT
11	317+83.98	68.45' LT
12	317+88.16	65.68' LT
13	317+84.52	59.63' LT
14	317+84.21	59.13' LT
15	317+83.26	57.37' LT
16	317+82.29	55.62' LT
17	317+80.18	62.12' LT
18	317+75.99	64.85' LT
19	317+71.94	67.82' LT
20	317+67.80	71.23' LT
21	317+59.91	79.38' LT
22	317+58.07	84.55' LT

MEF NOTE: EXISTING CROSSWALKS CHANGE DIRECTION WITHIN EXISTING PAINTED ISLANDS. MEF SUBMITTED FOR PROPOSED CROSSWALK ORIENTATION TO MATCH EXISTING.

- NOTES:
- 1) M.E.G. = MATCH EXISTING GRADE
 - 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMPS.
 - 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE < 7% PREFERRED.
 - 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE < 1.5% PREFERRED.
 - 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'
 - 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE < 1.5% PREFERRED.
 - 7) DEPRESSED CURB MAY VARY FROM STANDARD.
 - 8) COMPACTED HMA ADJACENT TO CURB RAMPS SHALL BE FLUSH WITH THE GUTTER PAN.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

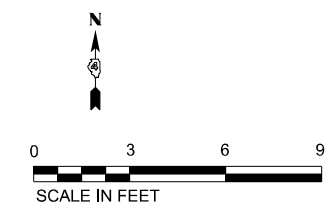
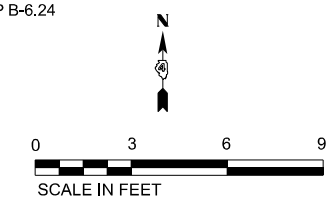
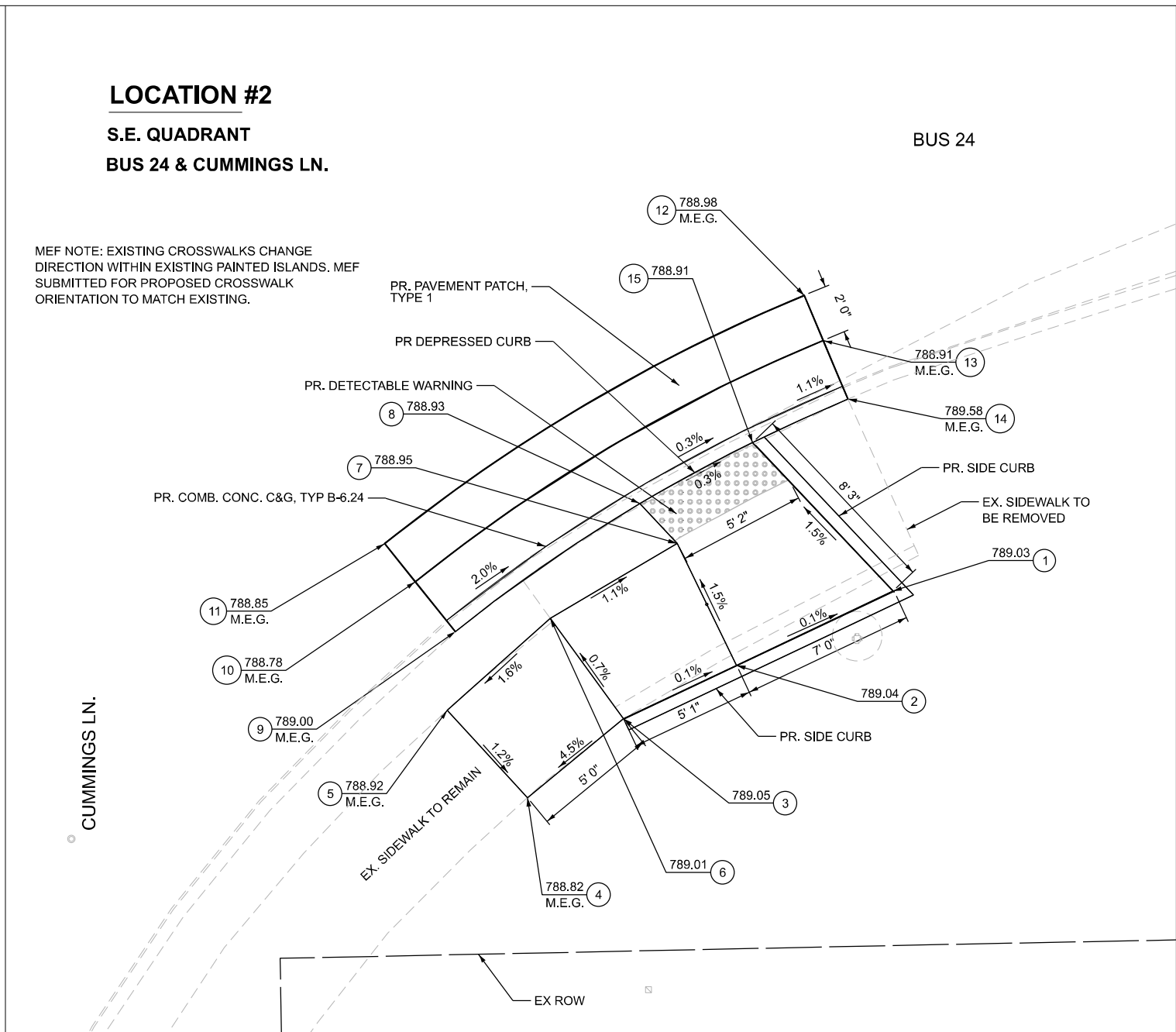
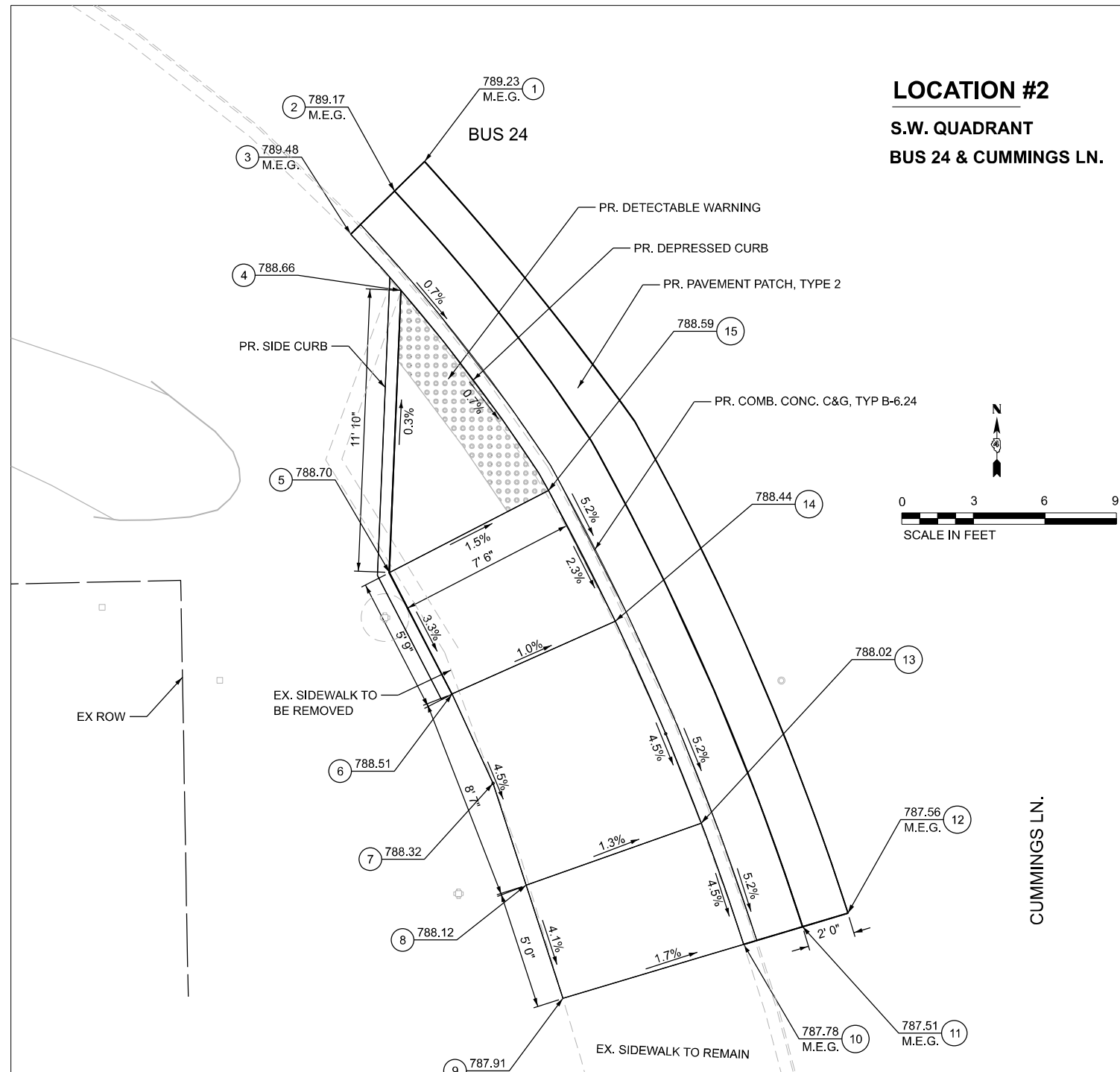
CUMMINGS LN
ADA RAMP DETAILS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	33
CONTRACT NO. 68J41				
ILLINOIS FED. AID PROJECT				

LOCATION #2
S.W. QUADRANT
BUS 24 & CUMMINGS LN.

LOCATION #2
S.E. QUADRANT
BUS 24 & CUMMINGS LN.



LOCATION #2, S.W. QUADRANT
BUS 24 & CUMMINGS LN.

POINT	STATION	OFFSET
1	316+72.02	71.37' RT
2	316+70.73	72.58' RT
3	316+68.86	74.35' RT
4	316+70.93	76.75' RT
5	316+70.20	88.58' RT
6	316+72.73	93.72' RT
7	316+74.37	97.50' RT
8	316+75.67	101.80' RT
9	316+77.12	106.57' RT
10	316+84.74	104.46' RT
11	316+87.23	103.77' RT
12	316+89.15	103.24' RT
13	316+83.06	99.34' RT
14	316+79.63	90.80' RT
15	316+76.94	85.27' RT

LOCATION #2, S.E. QUADRANT
BUS 24 & CUMMINGS LN.

POINT	STATION	OFFSET
1	317+79.76	65.72' RT
2	317+73.40	68.58' RT
3	317+68.79	70.65' RT
4	317+64.86	73.76' RT
5	317+61.69	70.17' RT
6	317+65.93	66.54' RT
7	317+71.10	63.62' RT
8	317+69.63	61.99' RT
9	317+62.08	67.00' RT
10	317+60.51	64.96' RT
11	317+59.30	63.40' RT
12	317+76.43	53.72' RT
13	317+77.16	55.55' RT
14	317+78.10	57.93' RT
15	317+74.23	59.63' RT

NOTES:

- 1) M.E.G. = MATCH EXISTING GRADE
- 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMPS.
- 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE < 7% PREFERRED.
- 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE < 1.5% PREFERRED.
- 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'
- 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE < 1.5% PREFERRED.
- 7) DEPRESSED CURB MAY VARY FROM STANDARD.
- 8) COMPACTED HMA ADJACENT TO CURB RAMPS SHALL BE FLUSH WITH THE GUTTER PAN.

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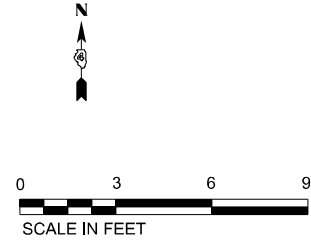
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

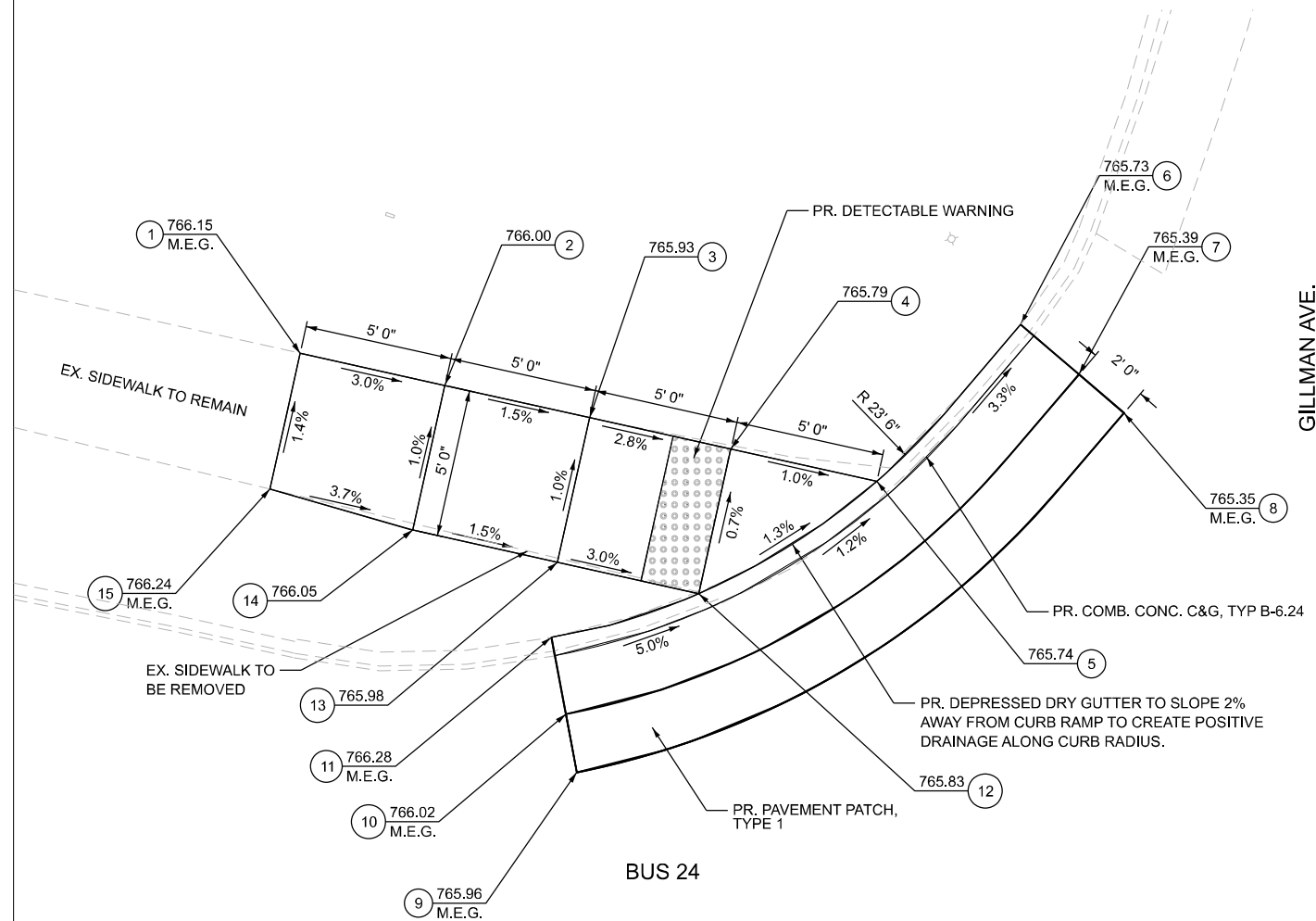
CUMMINGS LN
ADA RAMP DETAILS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	34
CONTRACT NO. 68J41				
ILLINOIS FED. AID PROJECT				



LOCATION #5
N.W. QUADRANT
BUS 24 & GILLMAN AVE.



LOCATION #5, N.W. QUADRANT
BUS 24 & GILLMAN AVE.

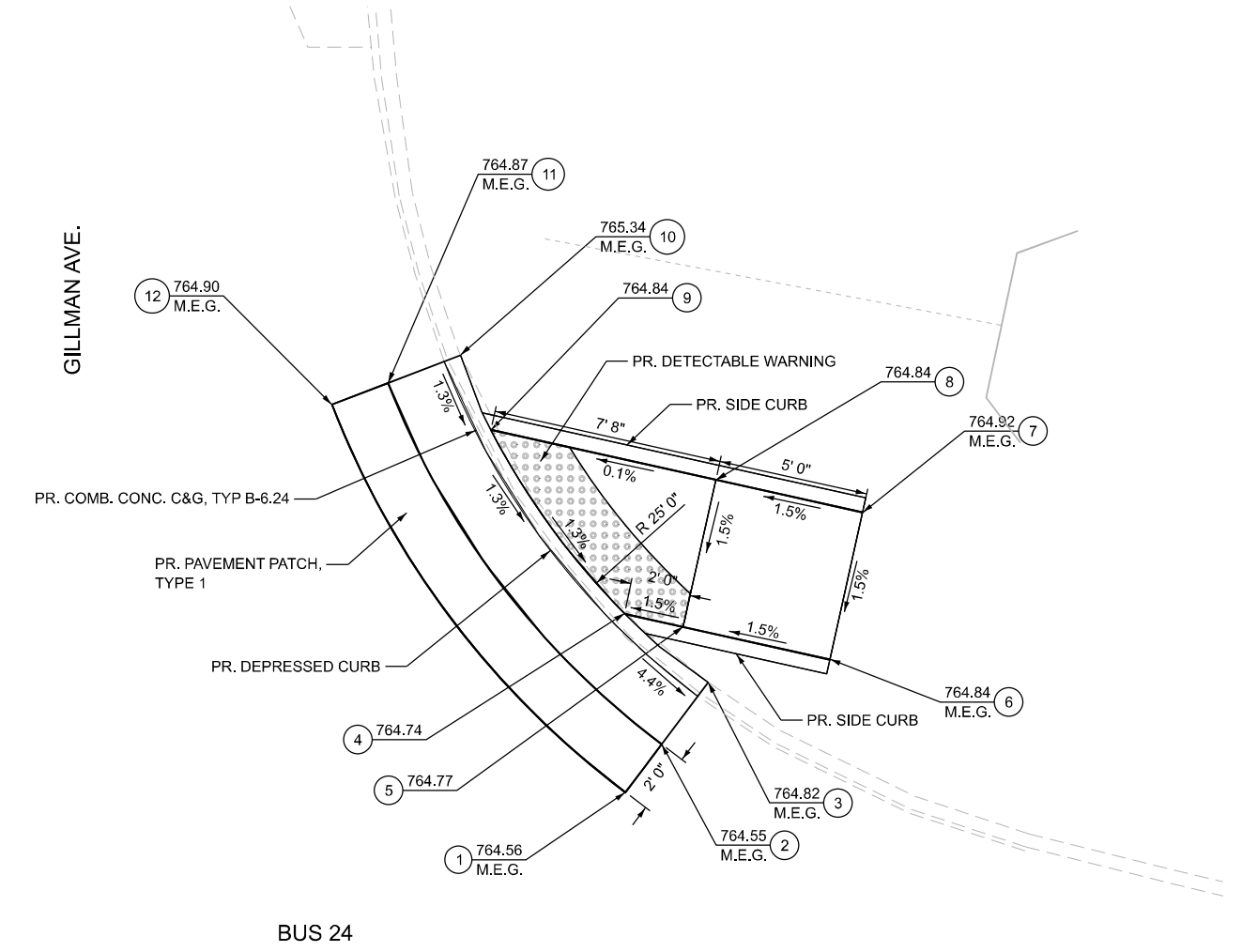
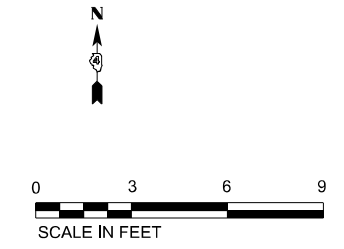
POINT	STATION	OFFSET
1	344+79.82	45.96' LT
2	344+84.75	45.87' LT
3	344+89.67	45.79' LT
4	344+94.49	45.71' LT
5	344+99.46	45.65' LT
6	345+03.07	51.82' LT
7	345+05.30	50.58' LT
8	345+07.03	49.62' LT
9	344+91.64	33.98' LT
10	344+90.89	35.83' LT
11	344+89.90	38.27' LT
12	344+94.42	40.71' LT
13	344+89.59	40.79' LT
14	344+84.66	40.87' LT
15	344+79.74	41.27' LT

NOTES:

- 1) M.E.G. = MATCH EXISTING GRADE
- 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND THE LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMPS.
- 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE < 7% PREFERRED.
- 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE < 1.5% PREFERRED.
- 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'
- 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE < 1.5% PREFERRED.
- 7) DEPRESS DRY CURB MAY VARY FROM STANDARD.
- 8) COMPACTED HMA ADJACENT TO CURB RAMPS SHALL BE FLUSH WITH THE GUTTER PAN.

LOCATION #5
N.E. QUADRANT
BUS 24 & GILLMAN AVE.

MEF NOTE: EXISTING CROSS SLOPE OF GILMAN AVENUE CROSSWALK EXCEEDS 2% DUE TO EXISTING TOPOGRAPHY. MEF SUBMITTED FOR PROPOSED CROSSWALK TO MATCH EXISTING CONDITIONS.



LOCATION #5, N.E. QUADRANT
BUS 24 & GILLMAN AVE.

POINT	STATION	OFFSET
1	345+52.91	34.63' LT
2	345+53.72	36.45' LT
3	345+54.76	38.81' LT
4	345+51.58	40.43' LT
5	345+53.56	40.44' LT
6	345+58.49	40.47' LT
7	345+58.46	45.47' LT
8	345+53.53	45.44' LT
9	345+45.97	45.41' LT
10	345+44.46	47.63' LT
11	345+42.34	46.19' LT
12	345+40.70	45.08' LT

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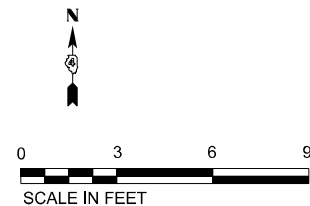
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GILLMAN AVE
ADA RAMP DETAILS

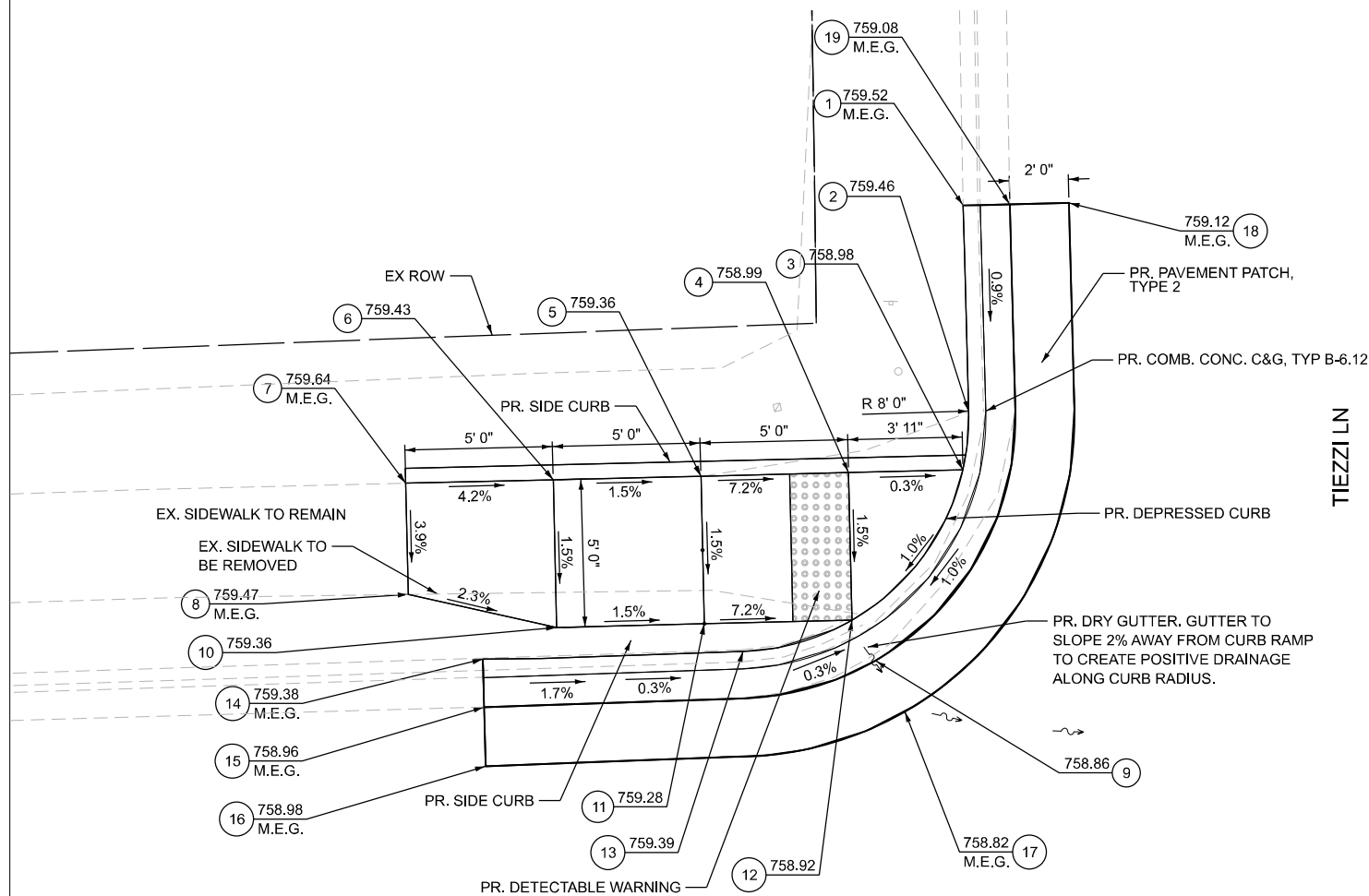
SCALE: 1" = 3' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	{35RS-10;35NRM}RS-1JSW	TAZEWELL	77	35
CONTRACT NO. 68J41				
ILLINOIS FED. AID PROJECT				



LOCATION #10

N.W. QUADRANT
BUS 24 & TIEZZI LN.



LOCATION #10, N.W. QUADRANT
BUS 24 & TIEZZI LN.

BUS 24

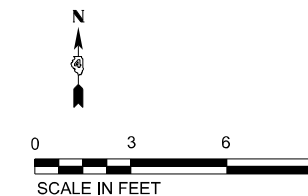
POINT	STATION	OFFSET
1	1+56.80	34.90' LT
2	1+56.79	27.91' LT
3	1+56.54	25.94' LT
4	1+52.67	25.96' LT
5	1+47.67	25.98' LT
6	1+42.67	26.00' LT
7	1+37.67	26.02' LT
8	1+37.65	22.25' LT
9	1+53.40	19.57' LT
10	1+42.65	21.00' LT
11	1+47.65	20.98' LT
12	1+52.65	20.96' LT
13	1+48.93	20.00' LT
14	1+40.12	19.99' LT
15	1+40.11	18.37' LT
16	1+40.11	16.37' LT
17	1+54.35	17.81' LT
18	1+60.38	34.89' LT
19	1+58.38	34.89' LT

NOTES:

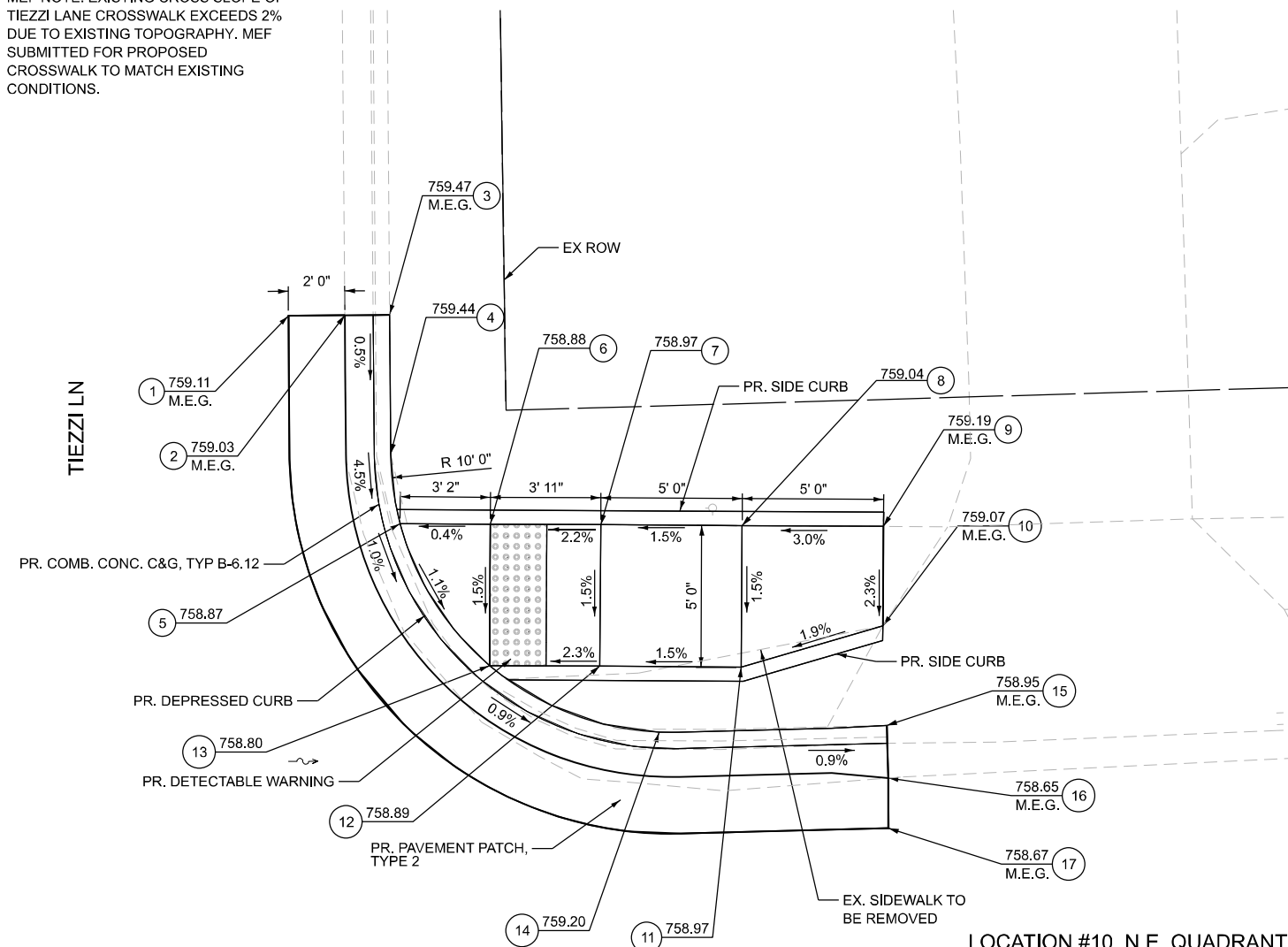
- M.E.G. = MATCH EXISTING GRADE
- EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMPS.
- MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE < 7% PREFERRED.
- MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE < 1.5% PREFERRED.
- MIN. ALLOWABLE WIDTH OF RAMP = 4'
- MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE < 1.5% PREFERRED.
- DEPRESSED CURB MAY VARY FROM STANDARD.
- COMPACTED HMA ADJACENT TO CURB RAMPS SHALL BE FLUSH WITH THE GUTTER PAN.

LOCATION #10

N.E. QUADRANT
BUS 24 & TIEZZI LN.



MEF NOTE: EXISTING CROSS SLOPE OF TIEZZI LANE CROSSWALK EXCEEDS 2% DUE TO EXISTING TOPOGRAPHY. MEF SUBMITTED FOR PROPOSED CROSSWALK TO MATCH EXISTING CONDITIONS.



BUS 24

LOCATION #10, N.E. QUADRANT
BUS 24 & TIEZZI LN.

POINT	STATION	OFFSET
1	1+84.13	34.40' LT
2	1+86.13	34.36' LT
3	1+87.71	34.33' LT
4	1+87.61	29.41' LT
5	1+87.87	26.94' LT
6	1+91.06	26.83' LT
7	1+94.96	26.71' LT
8	1+99.96	26.54' LT
9	2+04.96	26.37' LT
10	2+04.84	22.86' LT
11	1+99.79	21.54' LT
12	1+94.79	21.71' LT
13	1+90.90	21.84' LT
14	1+96.83	19.32' LT
15	2+04.88	19.33' LT
16	2+04.87	17.47' LT
17	2+04.83	15.70' LT

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PLOT SCALE = 6,000' / in.	DRAWN - AE	REVISED -
PLOT DATE = 2024/07/03	CHECKED - JRH	REVISED -
	DATE - 2024/07/03	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

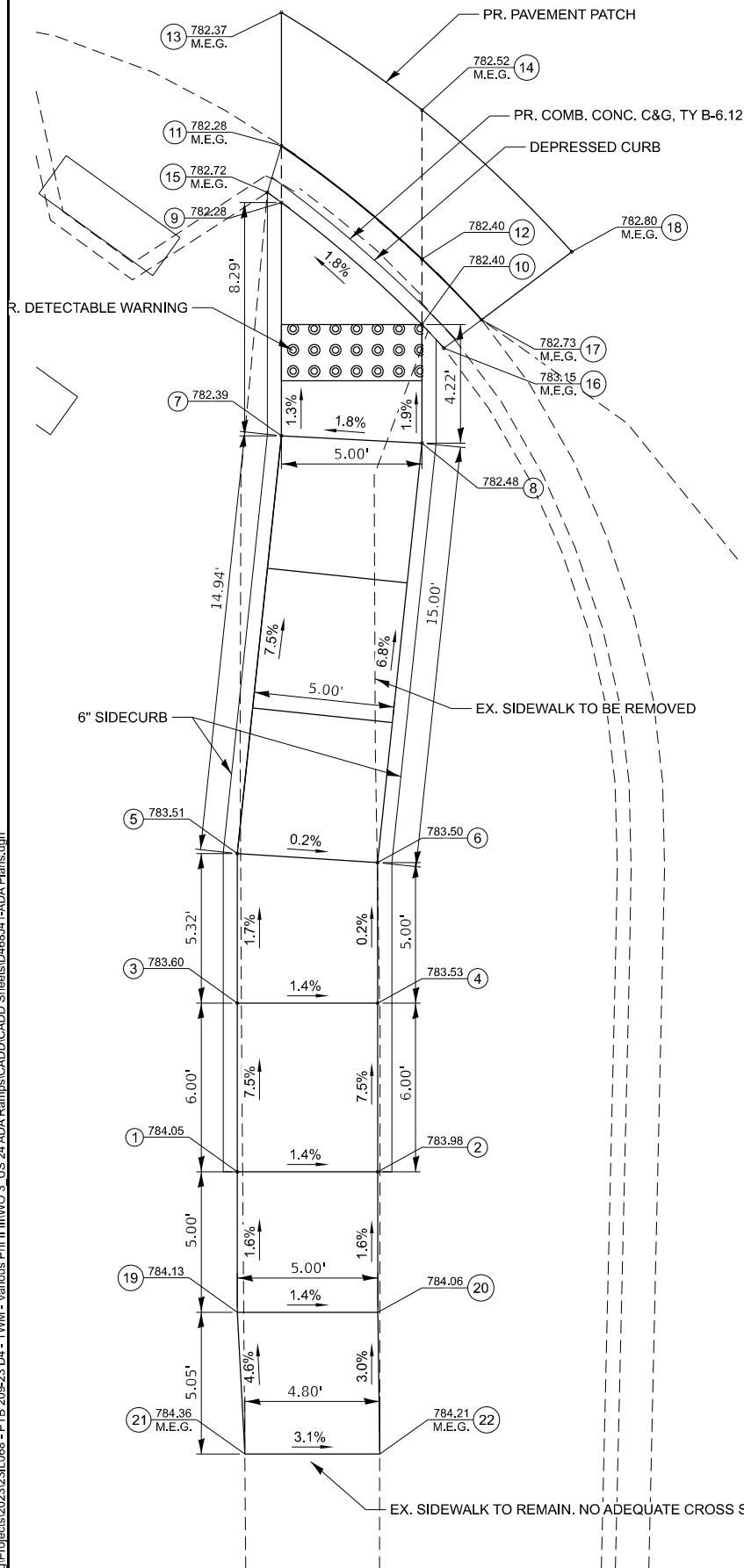
TIEZZI LN
ADA RAMP DETAILS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	{35RS-10;35NRM}RS-1J5W	TAZEWELL	77	36
CONTRACT NO. 68J41				
ILLINOIS FED. AID PROJECT				

STERLING ST.

MEF NOTE: EXISTING CROSSWALK SLOPE ACROSS STERLING EXCEEDS 2% DUE TO EXISTING TOPOGRAPHY. MEF SUBMITTED FOR PROPOSED CROSSWALK TO MATCH EXISTING CONDITIONS.



US 24

LOCATION #3
N.W. QUADRANT
US 24 & STERLING

POINT	STATION	OFFSET
1	322+02.83	60.54' LT
2	322+02.82	55.54' LT
3	322+08.83	60.52' LT
4	322+08.82	55.53' LT
5	322+14.15	60.52' LT
6	322+13.82	55.52' LT
7	322+29.01	58.91' LT
8	322+28.73	53.91' LT
9	322+37.30	58.90' LT
10	322+32.95	53.91' LT
11	322+39.32	58.90' LT
12	322+35.28	53.90' LT
13	322+44.07	58.89' LT
14	322+40.58	53.89' LT
15	322+37.30	58.90' LT
16	322+32.11	53.13' LT
17	322+33.12	51.79' LT
18	322+35.53	48.57' LT
19	321+97.83	60.54' LT
20	321+97.82	55.54' LT
21	321+92.78	60.28' LT
22	321+92.77	55.49' LT



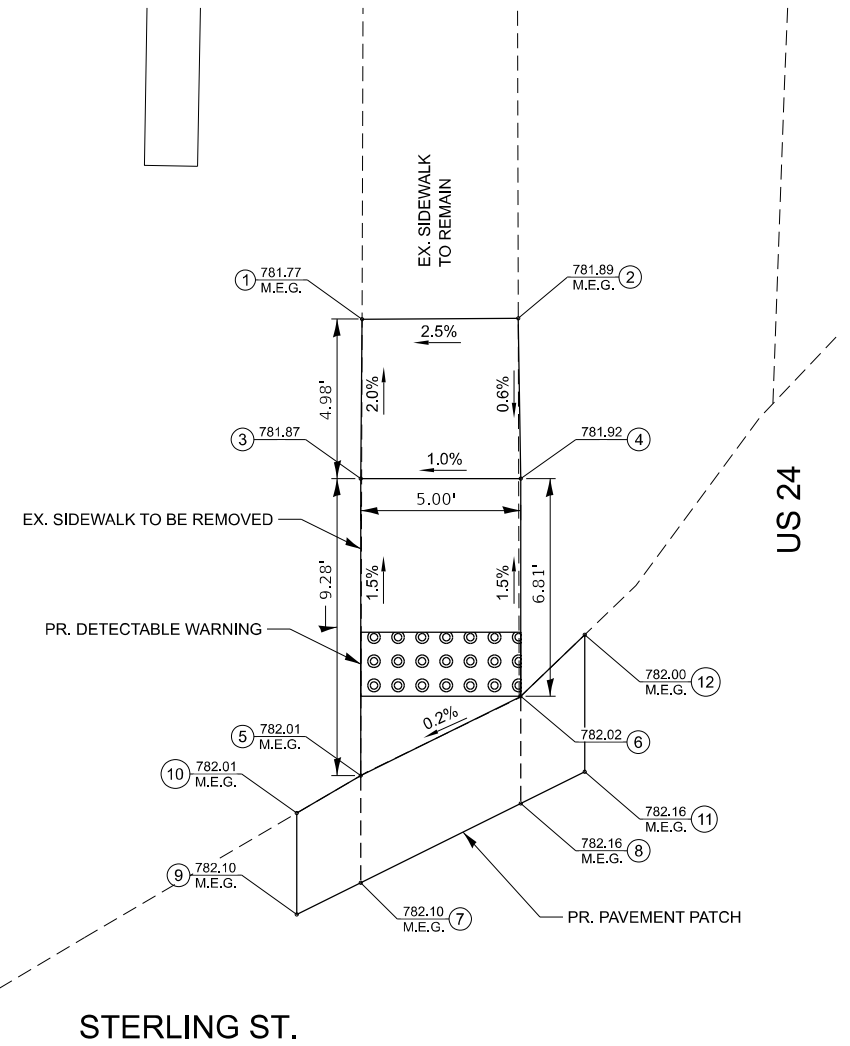
LOCATION #3
N.E. QUADRANT
US 24 & STERLING

POINT	STATION	OFFSET
1	323+09.32	58.50' LT
2	323+09.34	53.62' LT
3	323+04.34	58.56' LT
4	323+04.33	53.56' LT
5	322+95.05	58.57' LT
6	322+97.52	53.58' LT
7	322+91.71	58.58' LT
8	322+94.17	53.58' LT
9	322+90.72	60.58' LT
10	322+93.89	60.58' LT
11	322+95.16	51.57' LT
12	322+99.44	51.57' LT



NOTES:

- 1) M.E.G. = MATCH EXISTING GRADE
- 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMPS
- 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE < 7% PREFERRED.
- 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE < 1.5% PREFERRED
- 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'
- 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE < 1.5% PREFERRED.
- 7) DEPRESSED CURB MAY VARY FROM STANDARD.
- 8) COMPACTED HMA ADJACENT TO CURB RAMPS SHALL BE FLUSH WITH THE GUTTER PAN.



US 24

STERLING ST.

MODEL: 00_Sheet-Tileblock-Legend
FILE NAME: \\Quigg\Projects\2023\1068 - PTB 208-23 D4 - TMM - Various Ph II IIIWO 3 - US 24 ADA Ramps\CADD\CADD_Sheets\1068-141-ADA_Plans.dgn



USER NAME = mwillson	DESIGNED - MAW	REVISED - _____
PLOT SCALE = 0.08333317' / in.	DRAWN - MAW	REVISED - _____
PLOT DATE = 7/3/2024	CHECKED - AAF	REVISED - _____
	DATE - 6/19/2024	REVISED - _____

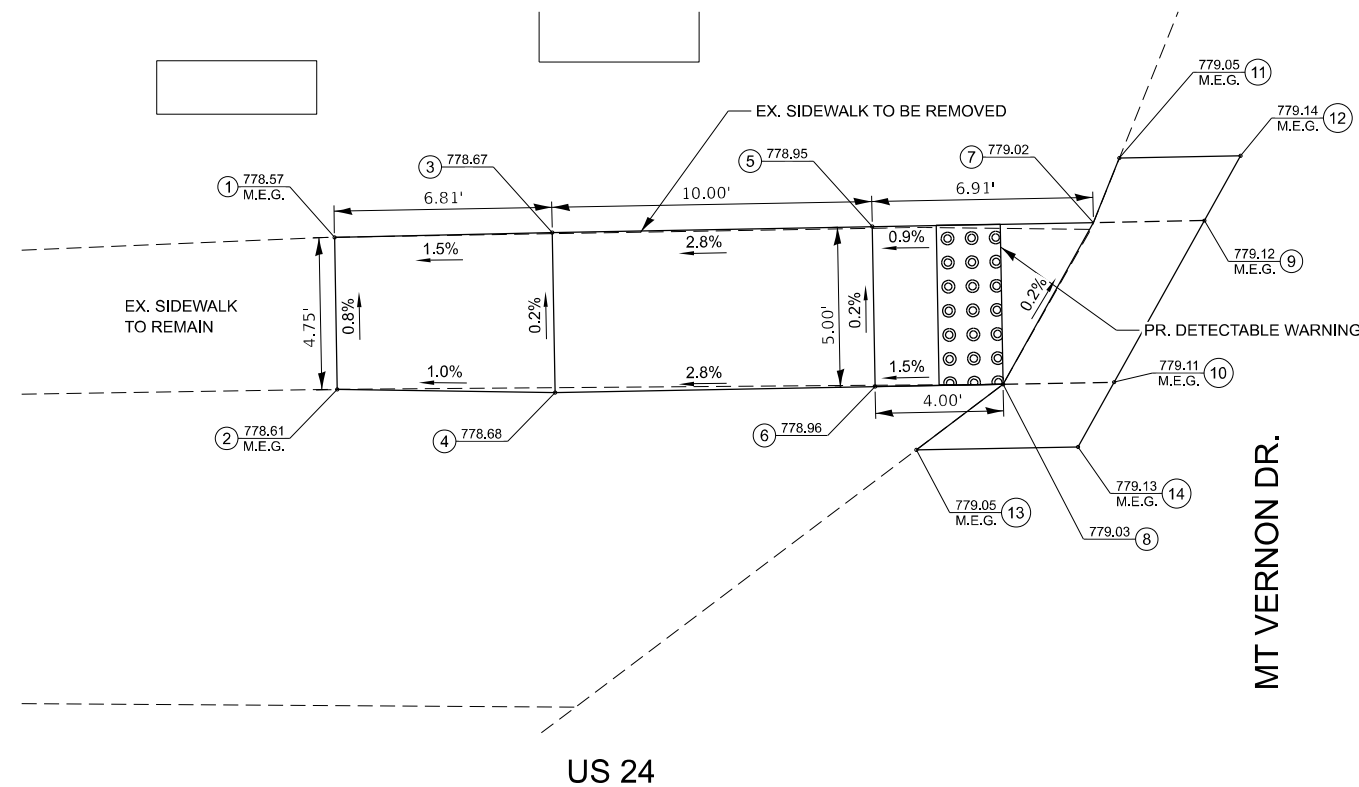
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
STERLING ST

SCALE: 1" = 3' SHEET 1 OF 10 SHEETS STA. N/A TO STA. N/A

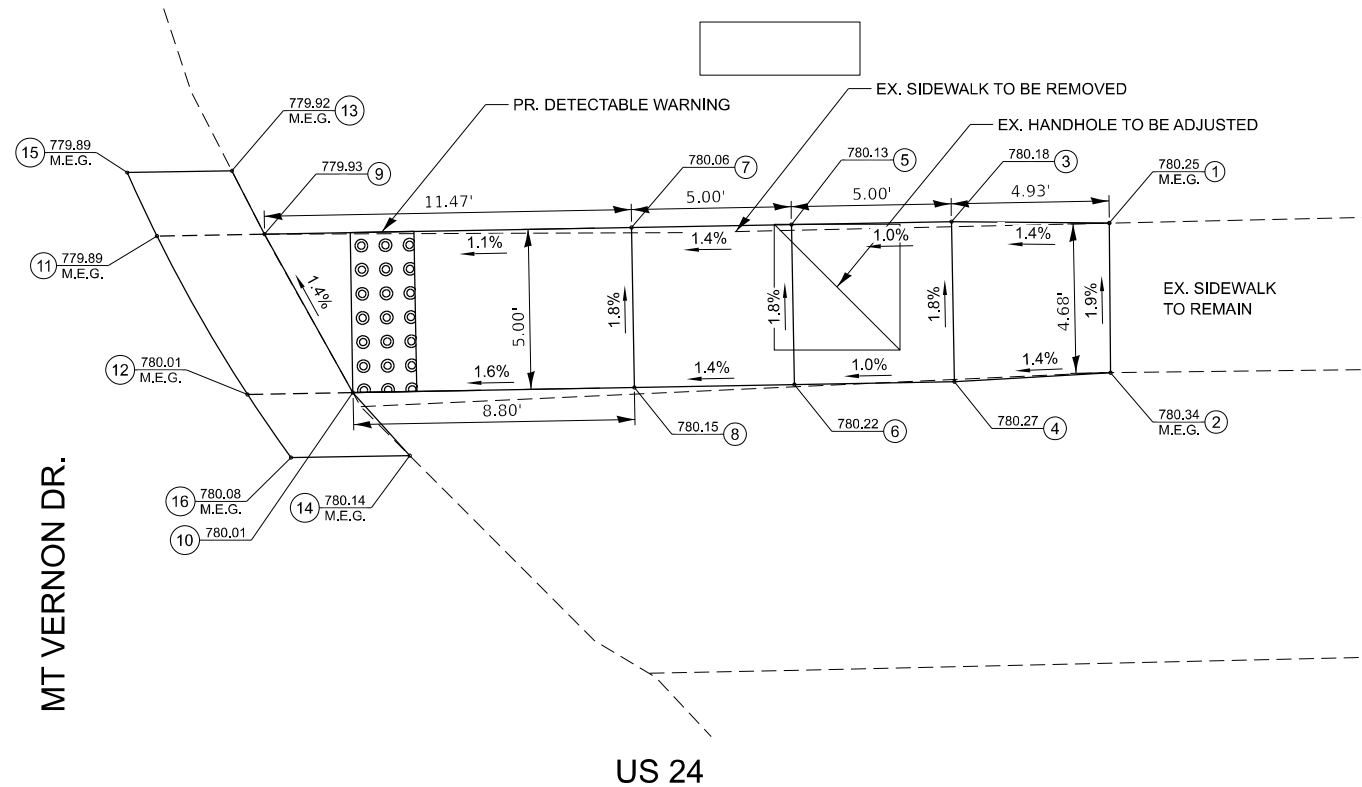
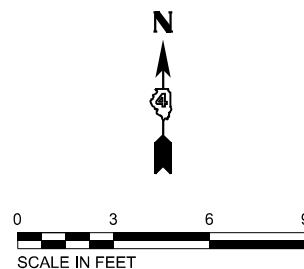
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	37
CONTRACT NO. 68J41				
ILLINOIS FED. AID PROJECT				

MODEL: 00_Sheet-Titleblock-legend
 FILE NAME: \\Quigg\Projects\2023\2311068 - PTB 200-23 D4 - TWM - Various Ph I II III VVO 3_US 24 ADA Ramps\CADD\CADD_Sheets\1D488141-ADA_Plans.dgn



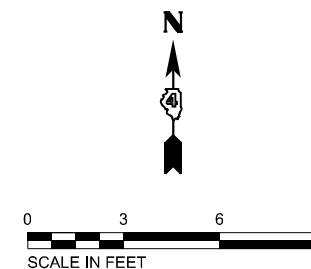
LOCATION #4
N.W. QUADRANT
US 24 & MT VERNON

POINT	STATION	OFFSET
1	330+67.98	59.24' LT
2	330+67.98	54.48' LT
3	330+74.79	59.26' LT
4	330+74.78	54.26' LT
5	330+84.79	59.24' LT
6	330+84.78	54.24' LT
7	330+91.71	59.23' LT
8	330+88.78	54.23' LT
9	330+95.18	59.22' LT
10	330+92.26	54.23' LT
11	330+92.56	61.23' LT
12	330+96.35	61.22' LT
13	330+86.03	52.24' LT
14	330+91.09	52.23' LT



LOCATION #4
N.E. QUADRANT
US 24 & MT VERNON

POINT	STATION	OFFSET
1	331+69.95	59.23' LT
2	331+69.90	54.56' LT
3	331+65.02	59.38' LT
4	331+65.01	54.38' LT
5	331+60.02	59.39' LT
6	331+60.01	54.39' LT
7	331+55.02	59.40' LT
8	331+55.01	54.40' LT
9	331+43.55	59.42' LT
10	331+46.21	54.41' LT
11	331+40.19	59.42' LT
12	331+42.91	54.42' LT
13	331+42.57	61.42' LT
14	331+47.95	52.41' LT
15	331+39.30	61.42' LT
16	331+44.23	52.42' LT



- NOTES:
- M.E.G. = MATCH EXISTING GRADE
 - EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMP
 - MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE < 7% PREFERRED.
 - MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE < 1.5% PREFERRED
 - MIN. ALLOWABLE WIDTH OF RAMP = 4'
 - MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE < 1.5% PREFERRED.
 - DEPRESSED CURB MAY VARY FROM STANDARD.
 - COMPACTED HMA ADJACENT TO CURB RAMP SHALL BE FLUSH WITH THE GUTTER PAN.



USER NAME = mwillson	DESIGNED - MAW	REVISED - _____
PLOT SCALE = 0.08333317' / in.	DRAWN - MAW	REVISED - _____
PLOT DATE = 7/3/2024	CHECKED - AAF	REVISED - _____
	DATE - 6/19/2024	REVISED - _____

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
 MT VERNON DR

SCALE: 1" = 3' SHEET 2 OF 10 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	38
CONTRACT NO. 68J41				
ILLINOIS FED. AID PROJECT				

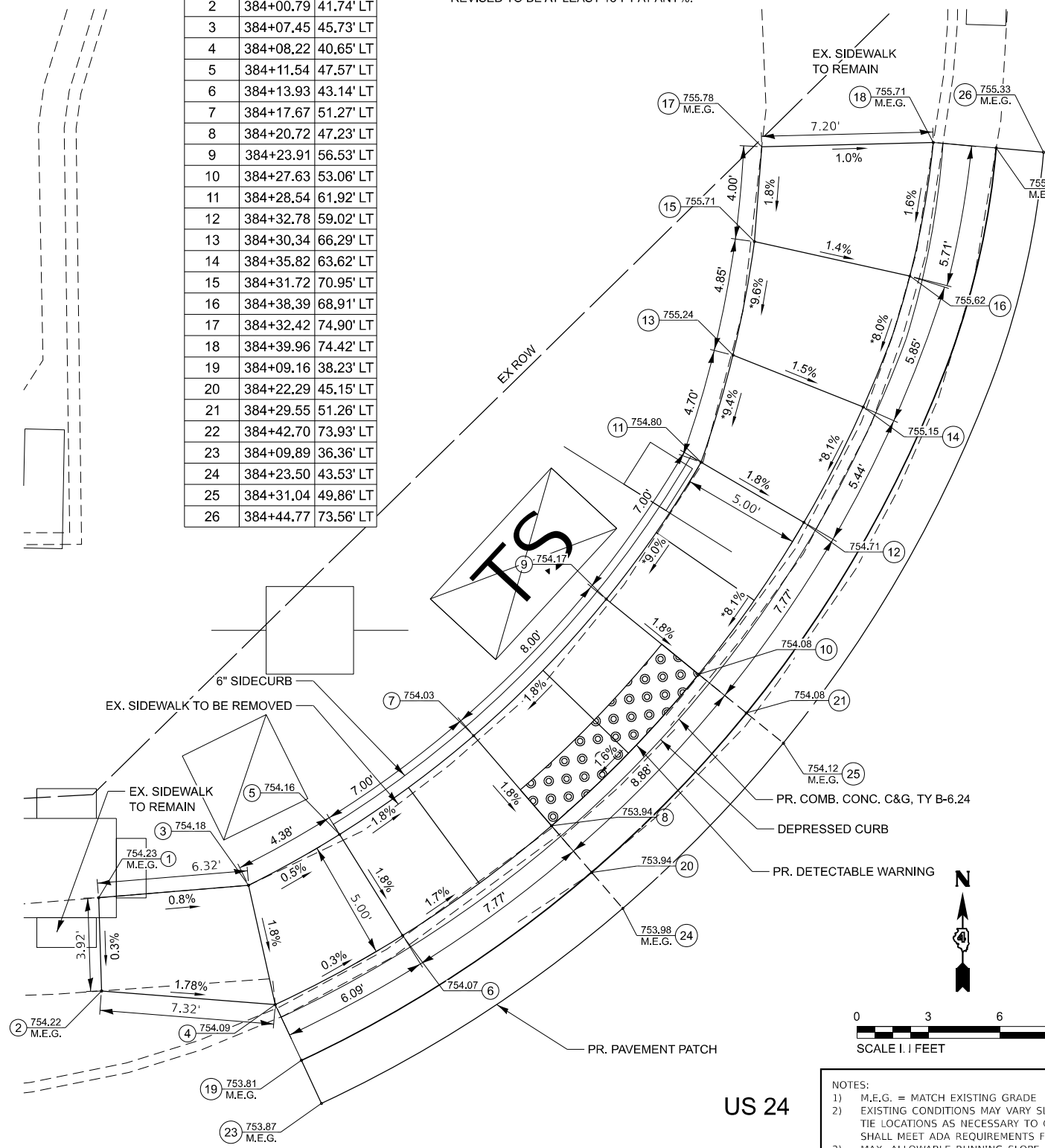
LOCATION #6

N.W. QUADRANT US 24 & WILMOR

POINT	STATION	OFFSET
1	384+00.94	45.66' LT
2	384+00.79	41.74' LT
3	384+07.45	45.73' LT
4	384+08.22	40.65' LT
5	384+11.54	47.57' LT
6	384+13.93	43.14' LT
7	384+17.67	51.27' LT
8	384+20.72	47.23' LT
9	384+23.91	56.53' LT
10	384+27.63	53.06' LT
11	384+28.54	61.92' LT
12	384+32.78	59.02' LT
13	384+30.34	66.29' LT
14	384+35.82	63.62' LT
15	384+31.72	70.95' LT
16	384+38.39	68.91' LT
17	384+32.42	74.90' LT
18	384+39.96	74.42' LT
19	384+09.16	38.23' LT
20	384+22.29	45.15' LT
21	384+29.55	51.26' LT
22	384+42.70	73.93' LT
23	384+09.89	36.36' LT
24	384+23.50	43.53' LT
25	384+31.04	49.86' LT
26	384+44.77	73.56' LT

MEF NOTE: EXISTING SIDEWALK WIDTH IS 5' DUE TO EXISTING TOPOGRAPHY AND TRAFFIC SIGNAL EQUIPMENT LOCATIONS. MEF SUBMITTED FOR PROPOSED SIDEWALK WIDTH TO MATCH EXISTING.

* MENTIONED IN IDOT'S 2023 PD CONFERENCE ADA-FINAL PROWAG CHANGES MEMO, THE UPDATED 15-FT RULE STATES, "WHERE CURB RAMP EXCEED 15-FT TO MEET 8.3%, CAN BE REVISED TO BE AT LEAST 15-FT AT ANY%."



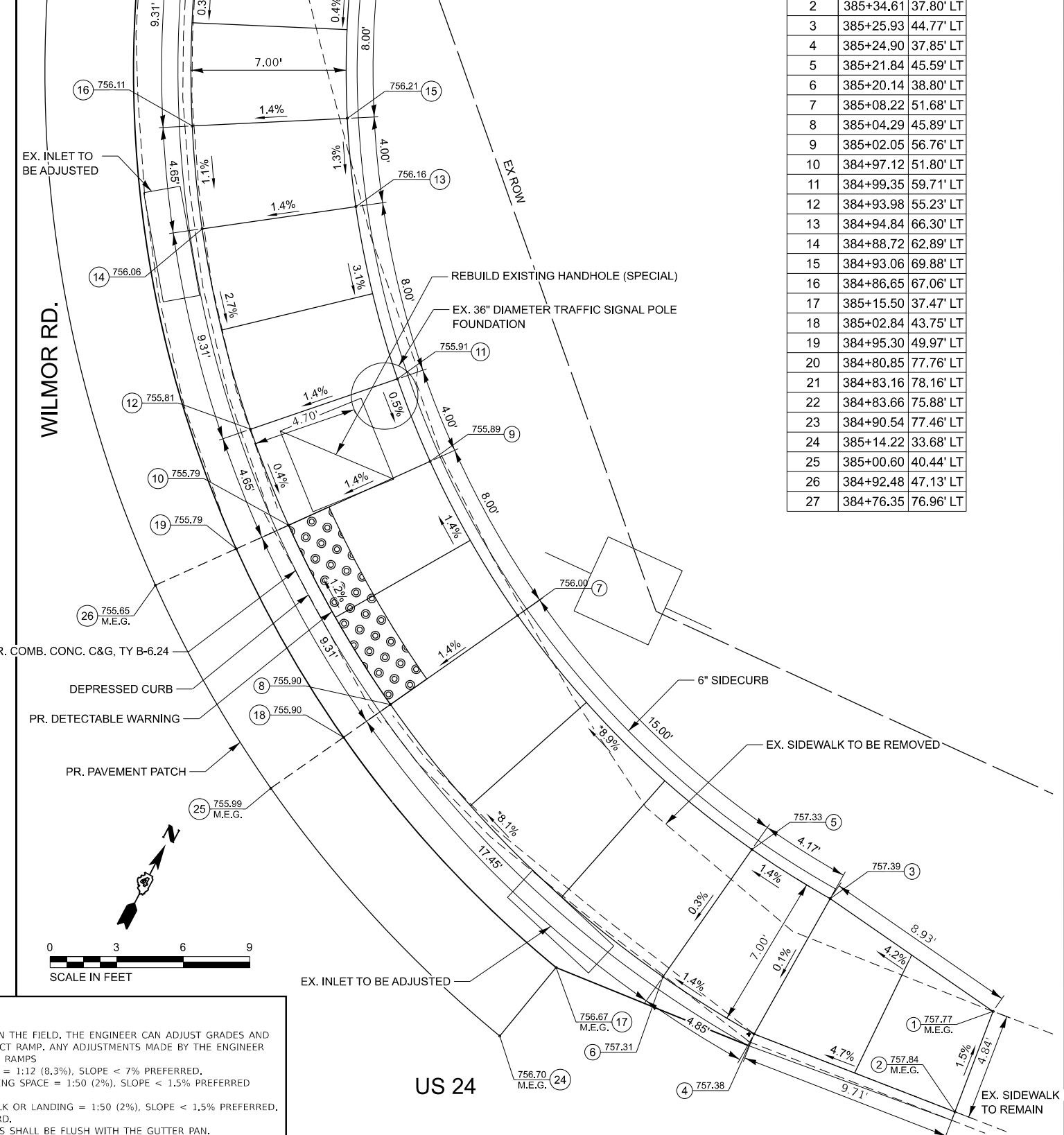
- NOTES:
- 1) M.E.G. = MATCH EXISTING GRADE
 - 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD, THE ENGINEER CAN ADJUST GRADES AND TIE LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMP.
 - 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE < 7% PREFERRED.
 - 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE < 1.5% PREFERRED
 - 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'
 - 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE < 1.5% PREFERRED.
 - 7) DEPRESSED CURB MAY VARY FROM STANDARD.
 - 8) COMPACTED HMA ADJACENT TO CURB RAMP SHALL BE FLUSH WITH THE GUTTER PAN.

LOCATION #6

N.E. QUADRANT US 24 & WILMOR

POINT	STATION	OFFSET
1	385+34.60	42.64' LT
2	385+34.61	37.80' LT
3	385+25.93	44.77' LT
4	385+24.90	37.85' LT
5	385+21.84	45.59' LT
6	385+20.14	38.80' LT
7	385+08.22	51.68' LT
8	385+04.29	45.89' LT
9	385+02.05	56.76' LT
10	384+97.12	51.80' LT
11	384+99.35	59.71' LT
12	384+93.98	55.23' LT
13	384+94.84	66.30' LT
14	384+88.72	62.89' LT
15	384+93.06	69.88' LT
16	384+86.65	67.06' LT
17	385+15.50	37.47' LT
18	385+02.84	43.75' LT
19	384+95.30	49.97' LT
20	384+80.85	77.76' LT
21	384+83.16	78.16' LT
22	384+83.66	75.88' LT
23	384+90.54	77.46' LT
24	385+14.22	33.68' LT
25	385+00.60	40.44' LT
26	384+92.48	47.13' LT
27	384+76.35	76.96' LT

* MENTIONED IN IDOT'S 2023 PD CONFERENCE ADA-FINAL PROWAG CHANGES MEMO, THE UPDATED 15-FT RULE STATES, "WHERE CURB RAMP EXCEED 15-FT TO MEET 8.3%, CAN BE REVISED TO BE AT LEAST 15-FT AT ANY%."



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FILE NAME: \\Quigg\Projects\2023\1068 - PTB 2023-D4-TWM - Various Ph II IIIWO 3_US 24 ADA Ramps\CADD\CADD_Sheets\1068-141-ADA_Plans.dgn



USER NAME = mwillson	DESIGNED - MAW	REVISED -
PLOT SCALE = 0.08333317' / in.	DRAWN - MAW	REVISED -
PLOT DATE = 7/3/2024	CHECKED - AAF	REVISED -
	DATE - 6/19/2024	REVISED -

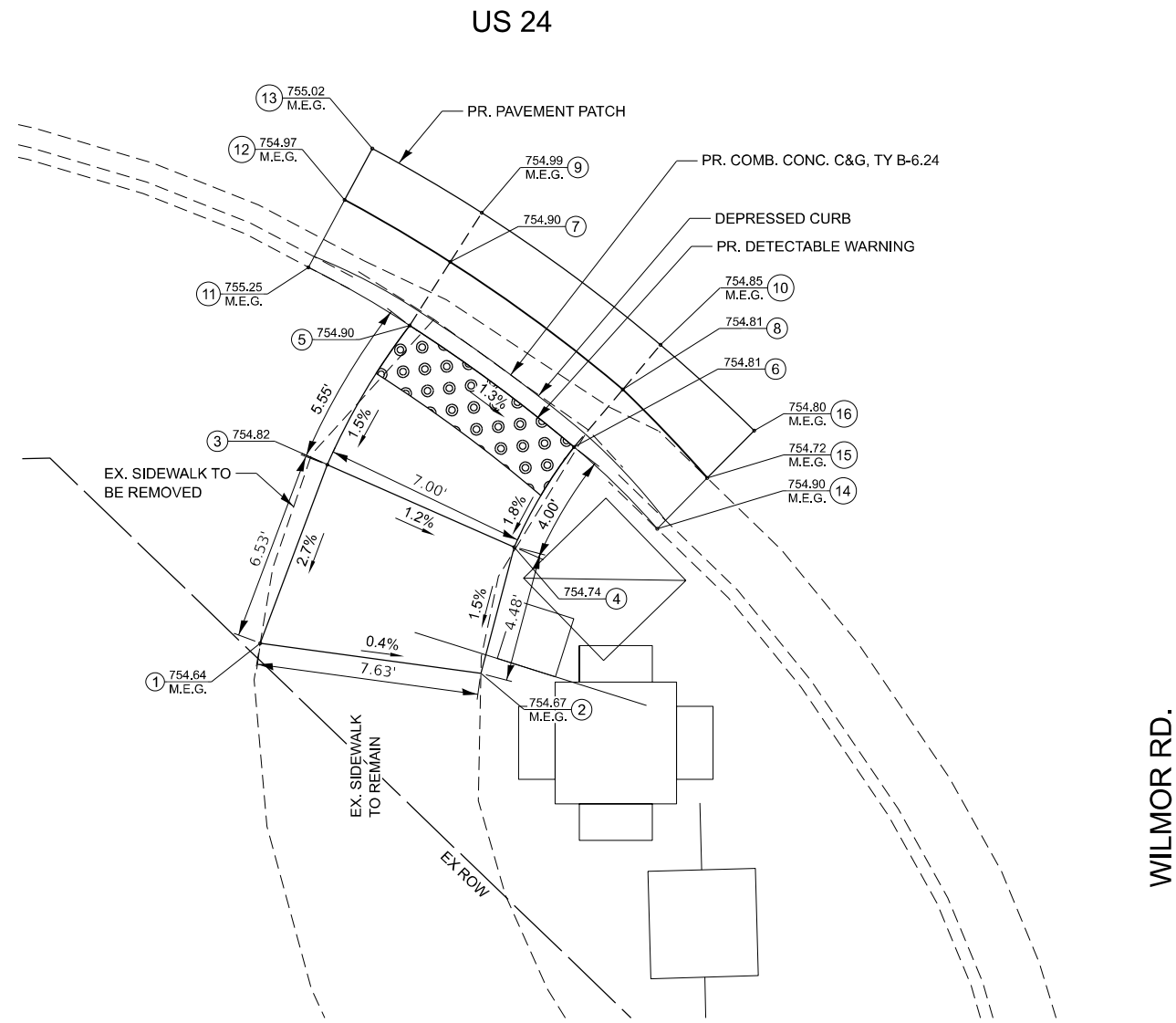
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
WILMOR RD

SCALE: 1" = 3' SHEET 3 OF 10 SHEETS STA. N/A TO STA. N/A

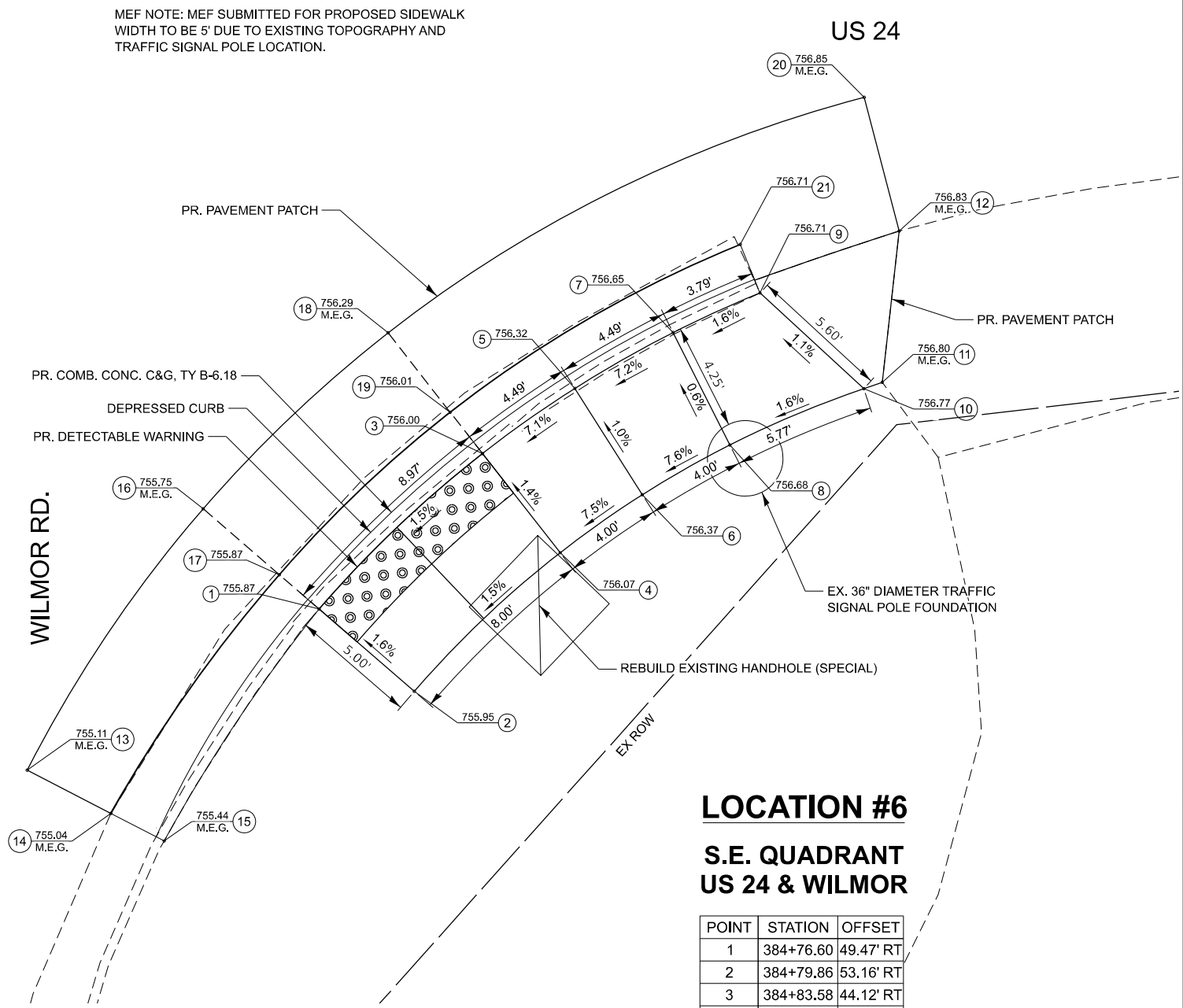
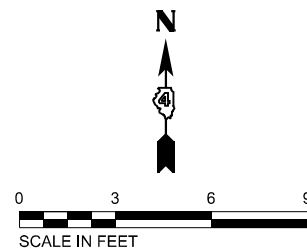
F.A.P. RTE. 399	SECTION [35RS-10(35NRM)RS-1]SW	COUNTY TAZEWELL	TOTAL SHEETS 77	SHEET NO. 39
CONTRACT NO. 68J41				
ILLINOIS FED. AID PROJECT				

MODEL: 00_Sheet-Titleblock-legend
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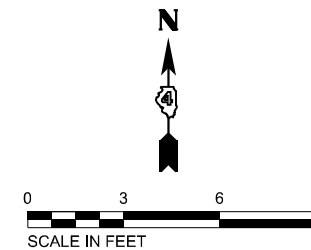
LOCATION #6
S.W. QUADRANT
US 24 & WILMOR

POINT	STATION	OFFSET
1	384+01.53	56.80' RT
2	384+08.73	58.38' RT
3	384+04.16	50.87' RT
4	384+10.14	54.15' RT
5	384+07.23	46.32' RT
6	384+12.37	50.89' RT
7	384+08.73	44.25' RT
8	384+14.13	49.05' RT
9	384+09.90	42.65' RT
10	384+15.49	47.63' RT
11	384+04.01	44.08' RT
12	384+05.37	41.87' RT
13	384+06.42	40.18' RT
14	384+14.91	53.90' RT
15	384+16.69	52.31' RT
16	384+18.37	50.81' RT



LOCATION #6
S.E. QUADRANT
US 24 & WILMOR

POINT	STATION	OFFSET
1	384+76.60	49.47' RT
2	384+79.86	53.16' RT
3	384+83.58	44.12' RT
4	384+86.11	48.40' RT
5	384+87.49	42.00' RT
6	384+89.64	46.52' RT
7	384+91.64	40.28' RT
8	384+93.33	44.98' RT
9	384+95.25	39.14' RT
10	384+98.88	43.42' RT
11	384+99.63	43.26' RT
12	385+01.04	37.38' RT
13	384+64.76	54.51' RT
14	384+67.76	56.58' RT
15	384+69.67	57.91' RT
16	384+72.62	44.98' RT
17	384+75.24	47.93' RT
18	384+80.52	38.90' RT
19	384+82.53	42.33' RT
20	385+00.31	31.94' RT
21	384+94.71	37.13' RT



- NOTES:
- M.E.G. = MATCH EXISTING GRADE
 - EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMP.
 - MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE < 7% PREFERRED.
 - MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE < 1.5% PREFERRED
 - MIN. ALLOWABLE WIDTH OF RAMP = 4'
 - MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE < 1.5% PREFERRED.
 - DEPRESSED CURB MAY VARY FROM STANDARD.
 - COMPACTED HMA ADJACENT TO CURB RAMP SHALL BE FLUSH WITH THE GUTTER PAN.



USER NAME = mwillson	DESIGNED - MAW	REVISED -
PLOT SCALE = 0.08333317' / in.	DRAWN - MAW	REVISED -
PLOT DATE = 7/3/2024	CHECKED - AAF	REVISED -
	DATE - 6/19/2024	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
 WILMOR RD

SCALE: 1" = 3' SHEET 4 OF 10 SHEETS STA. N/A TO STA. N/A

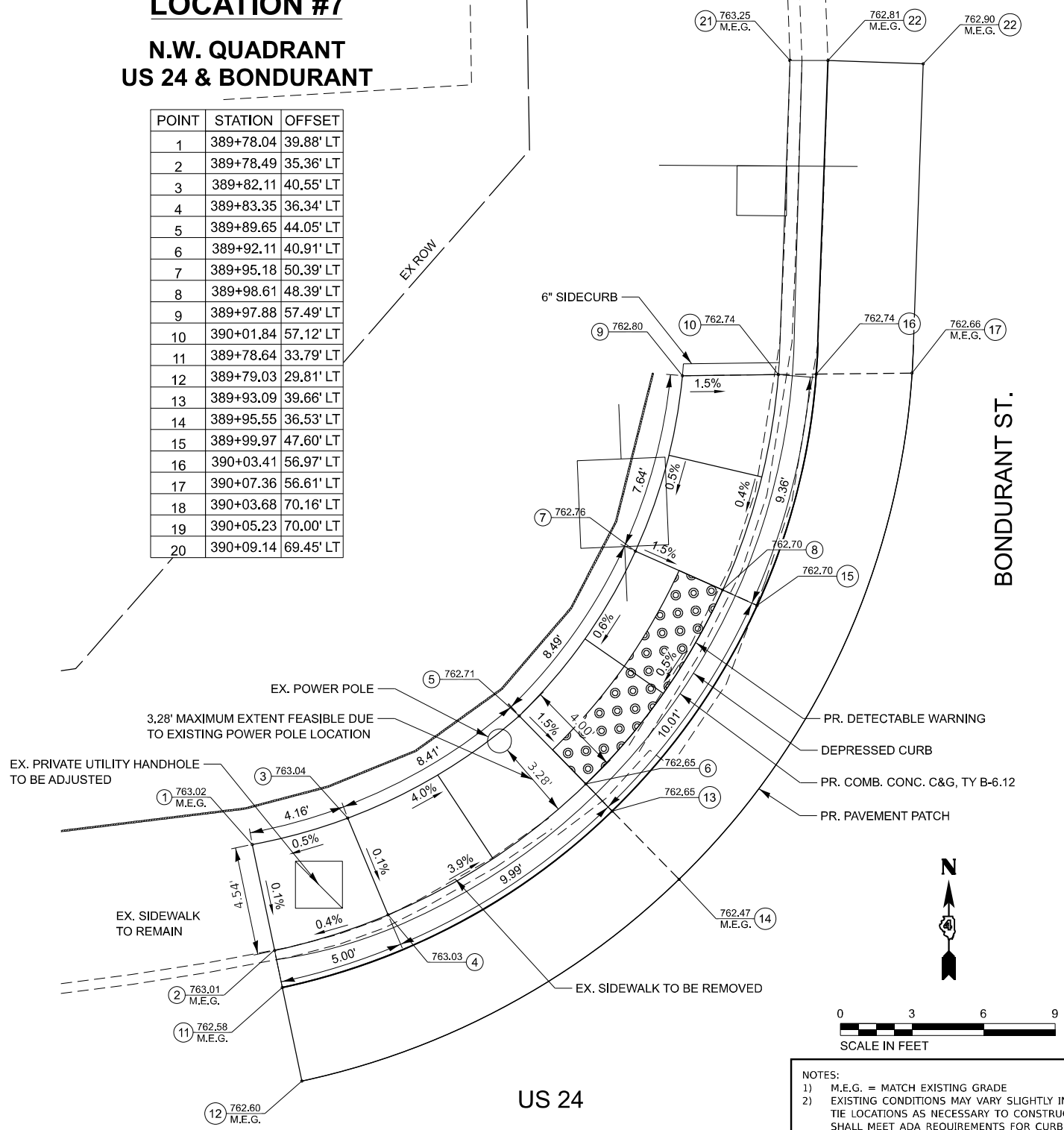
F.A.P. RTE. 399	SECTION [35RS-10(35NRM)RS-1]SW	COUNTY TAZEWELL	TOTAL SHEETS 77	SHEET NO. 40
CONTRACT NO. 68J41				
ILLINOIS FED. AID PROJECT				

MEF NOTE: EXISTING SIDEWALK WIDTH VARIES FROM 4' TO 4.5' DUE TO EXISTING TOPOGRAPHY. MINIMUM WIDTH OF 3.3 IS MEASURED AT THE LOCATION OF THE EXISTING POWER POLE. MEF SUBMITTED FOR PROPOSED SIDEWALK WIDTH TO MATCH EXISTING AND FOR EXISTING POWER POLE TO REMAIN IN PLACE.

MEF NOTE: EXISTING CROSSWALK SLOPE ACROSS BONDURANT EXCEEDS 2% DUE TO EXISTING TOPOGRAPHY. MEF SUBMITTED FOR PROPOSED CROSSWALK TO MATCH EXISTING CONDITIONS.

LOCATION #7
N.W. QUADRANT
US 24 & BONDURANT

POINT	STATION	OFFSET
1	389+78.04	39.88' LT
2	389+78.49	35.36' LT
3	389+82.11	40.55' LT
4	389+83.35	36.34' LT
5	389+89.65	44.05' LT
6	389+92.11	40.91' LT
7	389+95.18	50.39' LT
8	389+98.61	48.39' LT
9	389+97.88	57.49' LT
10	390+01.84	57.12' LT
11	389+78.64	33.79' LT
12	389+79.03	29.81' LT
13	389+93.09	39.66' LT
14	389+95.55	36.53' LT
15	389+99.97	47.60' LT
16	390+03.41	56.97' LT
17	390+07.36	56.61' LT
18	390+03.68	70.16' LT
19	390+05.23	70.00' LT
20	390+09.14	69.45' LT



- NOTES:
- 1) M.E.G. = MATCH EXISTING GRADE
 - 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMPS
 - 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE < 7% PREFERRED.
 - 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE < 1.5% PREFERRED
 - 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'
 - 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE < 1.5% PREFERRED.
 - 7) DEPRESSED CURB MAY VARY FROM STANDARD.
 - 8) COMPACTED HMA ADJACENT TO CURB RAMPS SHALL BE FLUSH WITH THE GUTTER PAN.

MODEL: 00_Sheet-Titleblock-1.dwg
FILE NAME: \\Quigg\Projects\2023\231068 - PTB 209-23 D4 - TWM - Various Ph II IIWVO 3_US 24 ADA Ramps\CADD\CADD_Sheets\10468141-ADA_Plans.dgn



USER NAME = mwillson	DESIGNED - MAW	REVISED - _____
PLOT SCALE = 0.08333317' / in.	DRAWN - MAW	REVISED - _____
PLOT DATE = 7/3/2024	CHECKED - AAF	REVISED - _____
	DATE - 6/19/2024	REVISED - _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
BONDURANT ST

SCALE: 1" = 3' SHEET 5 OF 10 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	41
CONTRACT NO. 68J41				
ILLINOIS FED. AID PROJECT				

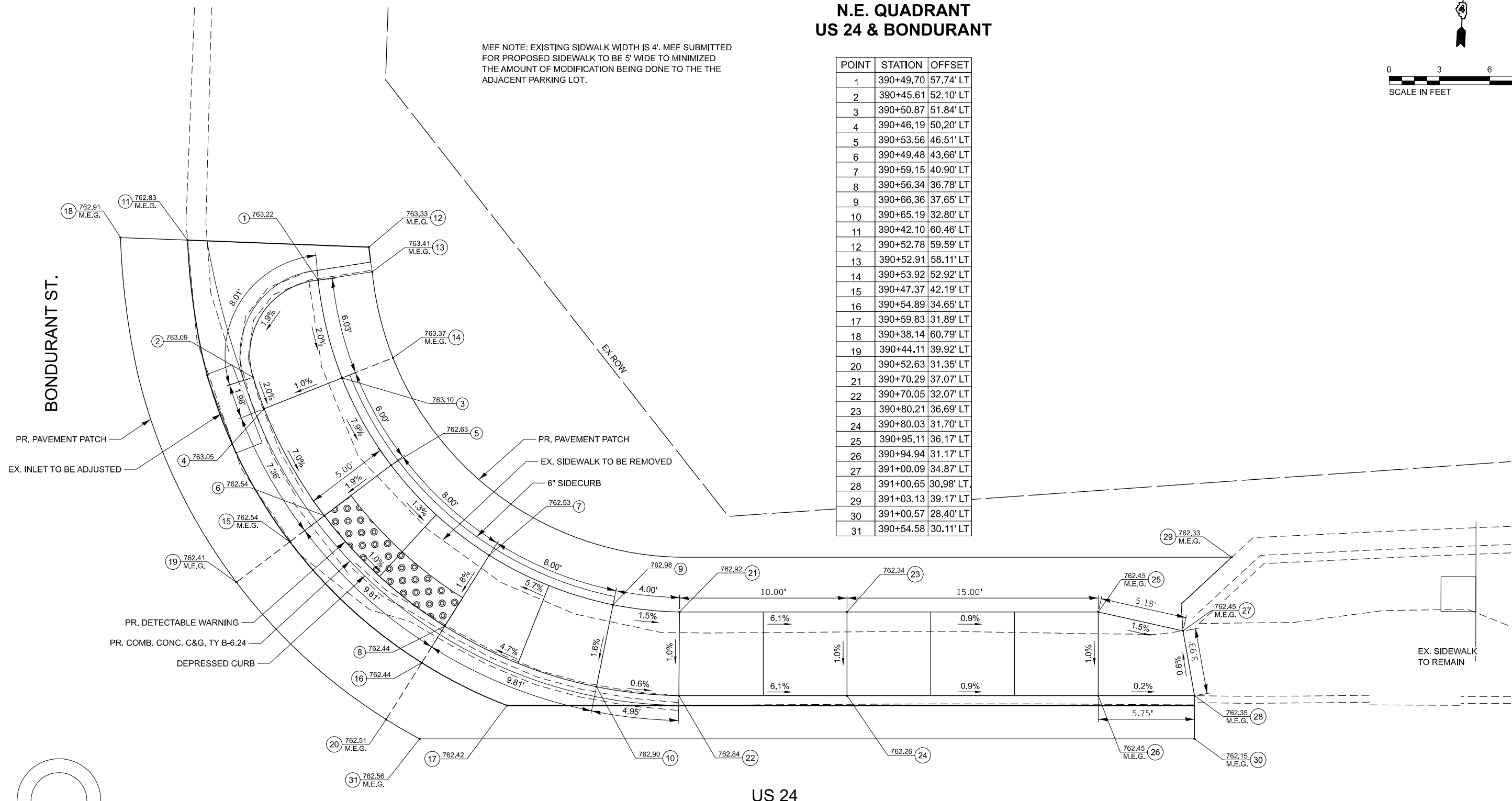
LOCATION #7

N.E. QUADRANT US 24 & BONDURANT



MEF NOTE: EXISTING SIDEWALK WIDTH IS 4'. MEF SUBMITTED FOR PROPOSED SIDEWALK TO BE 5' WIDE TO MINIMIZE THE AMOUNT OF MODIFICATION BEING DONE TO THE ADJACENT PARKING LOT.

POINT	STATION	OFFSET
1	390+49.70	57.74' LT
2	390+45.61	52.10' LT
3	390+50.87	51.84' LT
4	390+46.19	50.20' LT
5	390+53.56	46.51' LT
6	390+49.48	43.66' LT
7	390+59.15	40.90' LT
8	390+56.34	36.78' LT
9	390+66.36	37.65' LT
10	390+65.19	32.80' LT
11	390+42.10	60.46' LT
12	390+52.78	59.59' LT
13	390+52.91	58.11' LT
14	390+53.92	52.92' LT
15	390+47.37	42.19' LT
16	390+54.89	34.65' LT
17	390+59.83	31.89' LT
18	390+38.14	60.79' LT
19	390+44.11	39.92' LT
20	390+52.63	31.35' LT
21	390+70.29	37.07' LT
22	390+70.05	32.07' LT
23	390+80.21	36.69' LT
24	390+80.03	31.70' LT
25	390+95.11	36.17' LT
26	390+94.94	31.17' LT
27	391+00.09	34.87' LT
28	391+00.65	30.98' LT
29	391+03.13	39.17' LT
30	391+00.57	28.40' LT
31	390+54.58	30.11' LT



- NOTES:
- 1) M.E.G. = MATCH EXISTING GRADE
 - 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMPS
 - 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE < 7% PREFERRED.
 - 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE < 1.5% PREFERRED
 - 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'
 - 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE < 1.5% PREFERRED.
 - 7) DEPRESSED CURB MAY VARY FROM STANDARD.
 - 8) COMPACTED HMA ADJACENT TO CURB RAMPS SHALL BE FLUSH WITH THE GUTTER PAN.

MODEL: 00_Sheet-Tileblock-I Legend
FILE NAME: \\Quigg\Projects\2023\231068 - PTB 200-23 D4 - TWM - Various Ph II III\VO 3_US 24 ADA Ramps\CADD\CADD Sheets\0488141-ADA Plans.dgn



USER NAME = mwillson	DESIGNED - MAW	REVISED - _____
PLOT SCALE = 0.08333317' / in.	DRAWN - MAW	REVISED - _____
PLOT DATE = 7/3/2024	CHECKED - AAF	REVISED - _____
	DATE - 6/19/2024	REVISED - _____

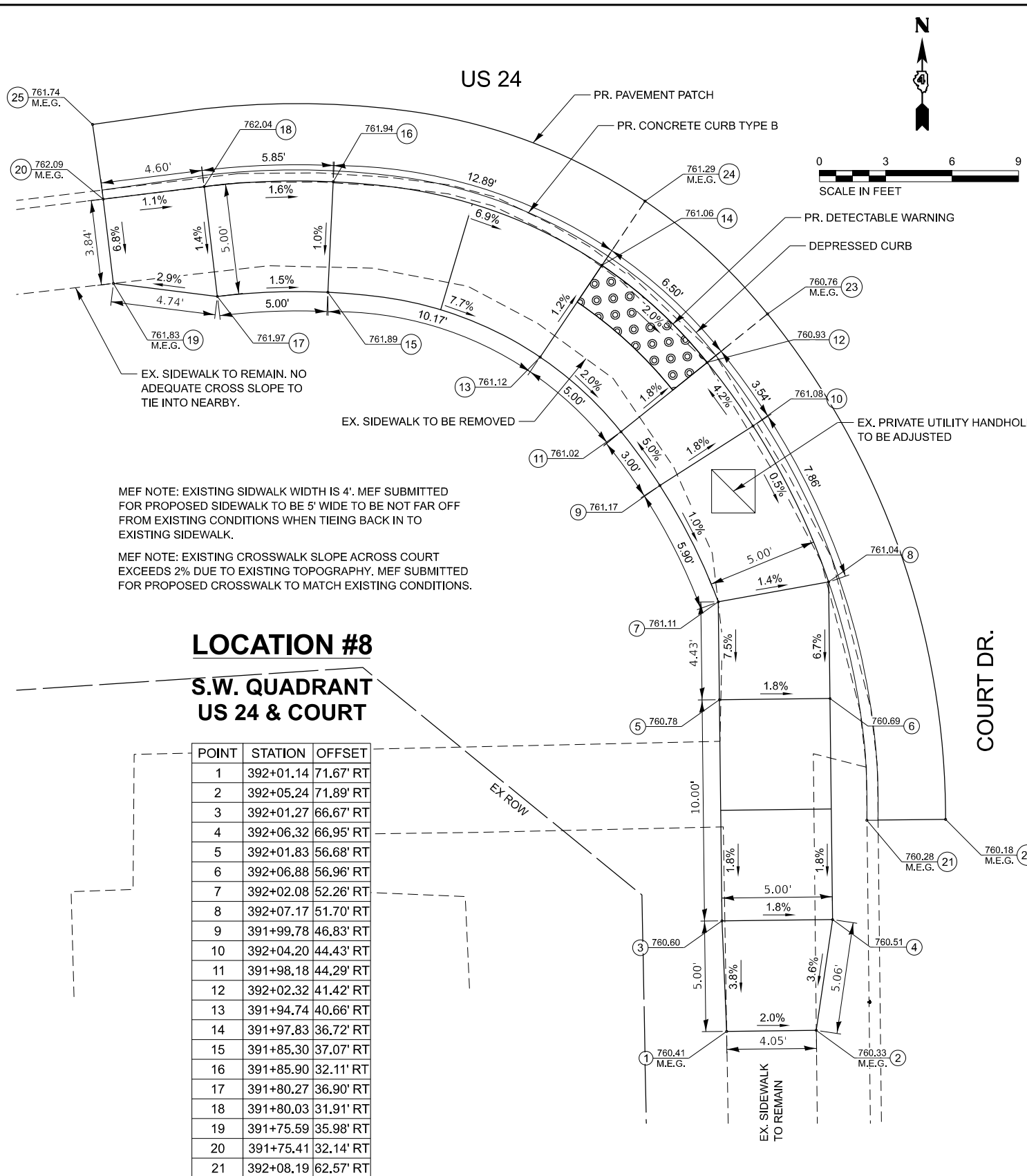
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
BONDURANT ST**

SCALE: 1" = 3' SHEET 6 OF 10 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	42
CONTRACT NO. 68J41				
ILLINOIS FED. AID PROJECT				

MODEL: 00_Sheet-Tileblock-legend
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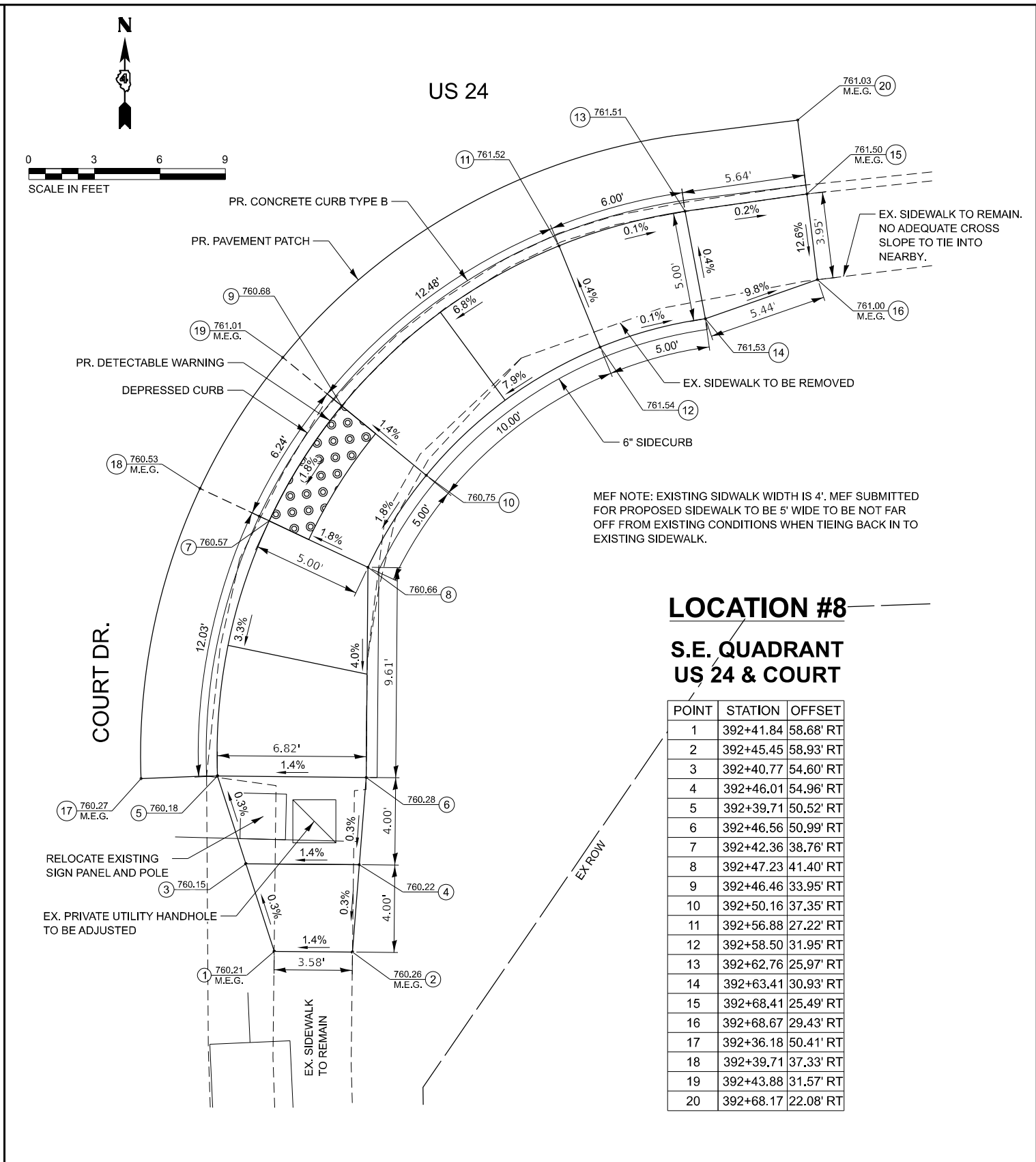
MEF NOTE: EXISTING SIDEWALK WIDTH IS 4'. MEF SUBMITTED FOR PROPOSED SIDEWALK TO BE 5' WIDE TO BE NOT FAR OFF FROM EXISTING CONDITIONS WHEN TIEING BACK IN TO EXISTING SIDEWALK.

MEF NOTE: EXISTING CROSSWALK SLOPE ACROSS COURT EXCEEDS 2% DUE TO EXISTING TOPOGRAPHY. MEF SUBMITTED FOR PROPOSED CROSSWALK TO MATCH EXISTING CONDITIONS.

LOCATION #8
S.W. QUADRANT
US 24 & COURT

POINT	STATION	OFFSET
1	392+01.14	71.67' RT
2	392+05.24	71.89' RT
3	392+01.27	66.67' RT
4	392+06.32	66.95' RT
5	392+01.83	56.68' RT
6	392+06.88	56.96' RT
7	392+02.08	52.26' RT
8	392+07.17	51.70' RT
9	391+99.78	46.83' RT
10	392+04.20	44.43' RT
11	391+98.18	44.29' RT
12	392+02.32	41.42' RT
13	391+94.74	40.66' RT
14	391+97.83	36.72' RT
15	391+85.30	37.07' RT
16	391+85.90	32.11' RT
17	391+80.27	36.90' RT
18	391+80.03	31.91' RT
19	391+75.59	35.98' RT
20	391+75.41	32.14' RT
21	392+08.19	62.57' RT
22	392+11.78	62.76' RT
23	392+05.21	39.42' RT
24	391+99.99	33.95' RT
25	391+75.18	28.74' RT

- NOTES:
- 1) M.E.G. = MATCH EXISTING GRADE
 - 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMPS
 - 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE < 7% PREFERRED.
 - 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE < 1.5% PREFERRED
 - 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'
 - 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE < 1.5% PREFERRED.
 - 7) DEPRESSED CURB MAY VARY FROM STANDARD.
 - 8) COMPACTED HMA ADJACENT TO CURB RAMPS SHALL BE FLUSH WITH THE GUTTER PAN.



MEF NOTE: EXISTING SIDEWALK WIDTH IS 4'. MEF SUBMITTED FOR PROPOSED SIDEWALK TO BE 5' WIDE TO BE NOT FAR OFF FROM EXISTING CONDITIONS WHEN TIEING BACK IN TO EXISTING SIDEWALK.

LOCATION #8
S.E. QUADRANT
US 24 & COURT

POINT	STATION	OFFSET
1	392+41.84	58.68' RT
2	392+45.45	58.93' RT
3	392+40.77	54.60' RT
4	392+46.01	54.96' RT
5	392+39.71	50.52' RT
6	392+46.56	50.99' RT
7	392+42.36	38.76' RT
8	392+47.23	41.40' RT
9	392+46.46	33.95' RT
10	392+50.16	37.35' RT
11	392+56.88	27.22' RT
12	392+58.50	31.95' RT
13	392+62.76	25.97' RT
14	392+63.41	30.93' RT
15	392+68.41	25.49' RT
16	392+68.67	29.43' RT
17	392+36.18	50.41' RT
18	392+39.71	37.33' RT
19	392+43.88	31.57' RT
20	392+68.17	22.08' RT



USER NAME = mwillson	DESIGNED - MAW	REVISED -
PLOT SCALE = 0.08333317' / in.	CHECKED - AAF	REVISED -
PLOT DATE = 7/3/2024	DATE - 6/19/2024	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
 COURT DR

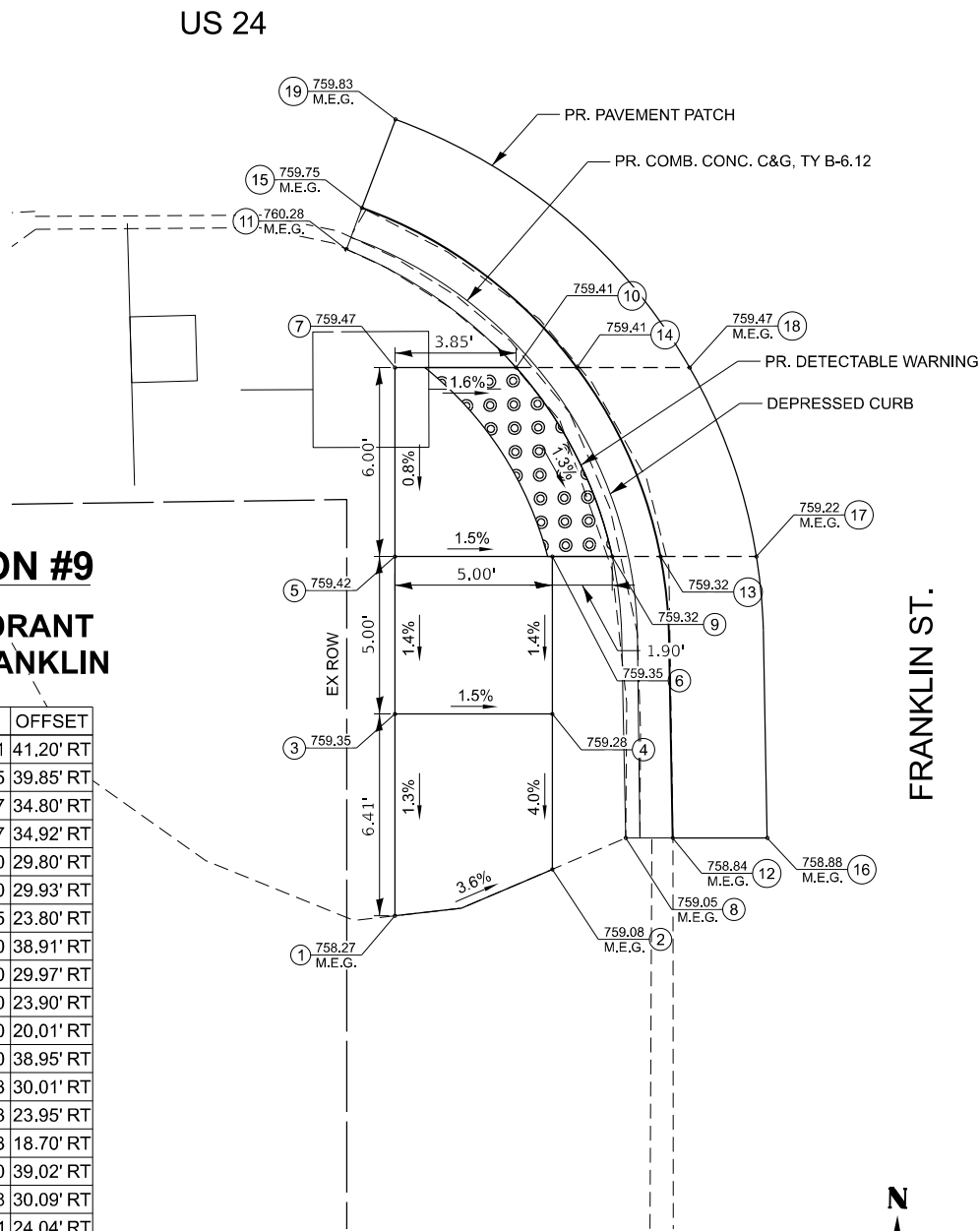
SCALE: 1" = 3' SHEET 7 OF 10 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE. 399	SECTION [35RS-10(35NRM)RS-1]SW	COUNTY TAZEWELL	TOTAL SHEETS 77	SHEET NO. 43
CONTRACT NO. 68J41				
ILLINOIS FED. AID PROJECT				

MODEL: 00_Sheet-Titleblock-1 Legend
 FILE NAME: \\Quigg\Projects\2023\231068 - PTB 209-23 D4 - TWM - Various Ph II IIWVO 3_US 24 ADA Ramps\CADD\CADD_Sheets\141-ADA_Plans.dgn

LOCATION #9
S.W. QUADRANT
US 24 & FRANKLIN

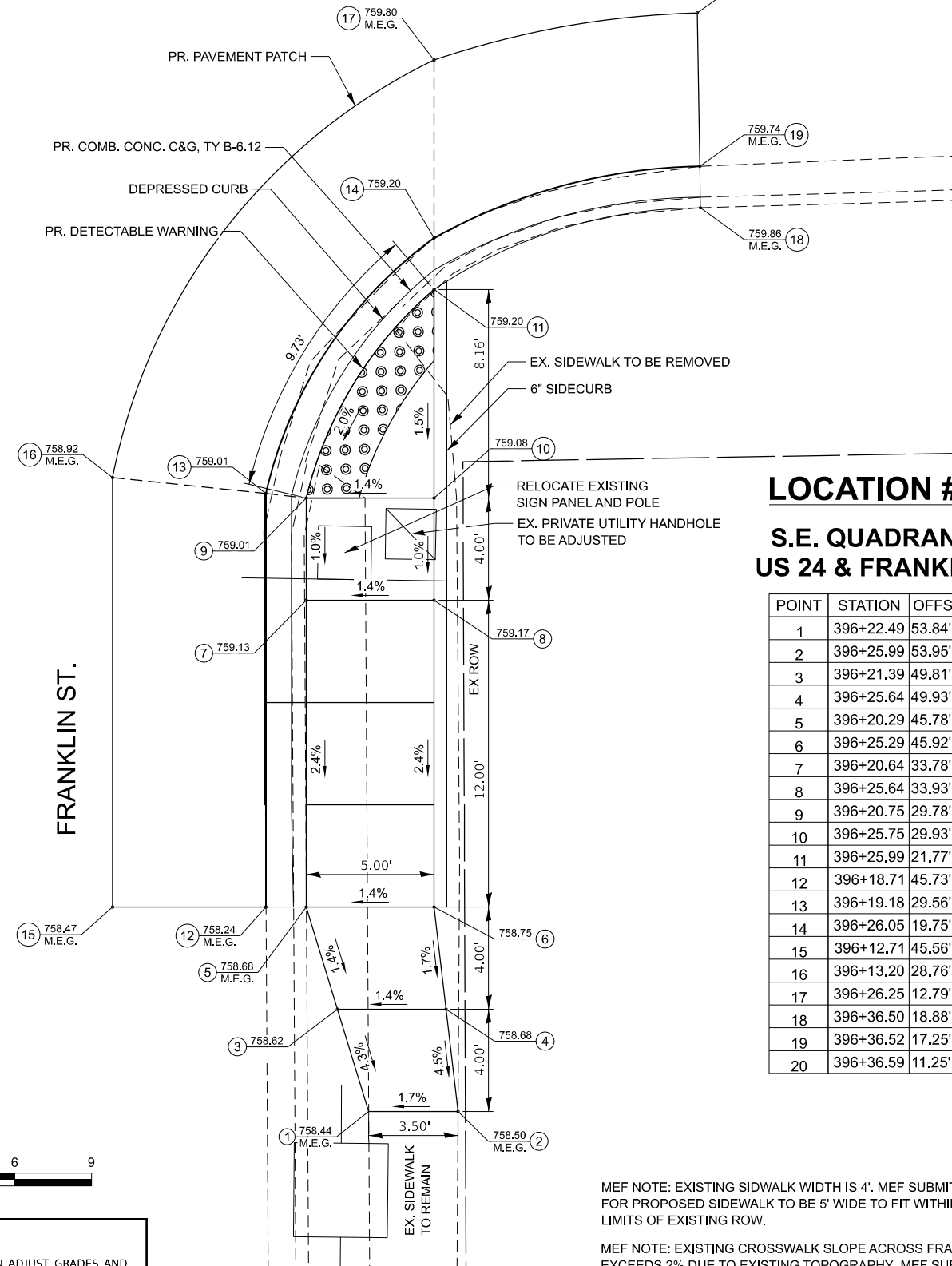
POINT	STATION	OFFSET
1	395+78.11	41.20' RT
2	395+83.15	39.85' RT
3	395+78.27	34.80' RT
4	395+83.27	34.92' RT
5	395+78.40	29.80' RT
6	395+83.40	29.93' RT
7	395+78.55	23.80' RT
8	395+85.50	38.91' RT
9	395+85.30	29.97' RT
10	395+82.40	23.90' RT
11	395+77.10	20.01' RT
12	395+87.00	38.95' RT
13	395+86.83	30.01' RT
14	395+84.33	23.95' RT
15	395+77.63	18.70' RT
16	395+90.00	39.02' RT
17	395+89.88	30.09' RT
18	395+87.91	24.04' RT
19	395+78.76	15.92' RT



NOTES:

- 1) M.E.G. = MATCH EXISTING GRADE
- 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMPS
- 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE < 7% PREFERRED.
- 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE < 1.5% PREFERRED
- 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'
- 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE < 1.5% PREFERRED.
- 7) DEPRESSED CURB MAY VARY FROM STANDARD.
- 8) COMPACTED HMA ADJACENT TO CURB RAMPS SHALL BE FLUSH WITH THE GUTTER PAN.

US 24



LOCATION #9
S.E. QUADRANT
US 24 & FRANKLIN

POINT	STATION	OFFSET
1	396+22.49	53.84' RT
2	396+25.99	53.95' RT
3	396+21.39	49.81' RT
4	396+25.64	49.93' RT
5	396+20.29	45.78' RT
6	396+25.29	45.92' RT
7	396+20.64	33.78' RT
8	396+25.64	33.93' RT
9	396+20.75	29.78' RT
10	396+25.75	29.93' RT
11	396+25.99	21.77' RT
12	396+18.71	45.73' RT
13	396+19.18	29.56' RT
14	396+26.05	19.75' RT
15	396+12.71	45.56' RT
16	396+13.20	28.76' RT
17	396+26.25	12.79' RT
18	396+36.50	18.88' RT
19	396+36.52	17.25' RT
20	396+36.59	11.25' RT

MEF NOTE: EXISTING SIDEWALK WIDTH IS 4'. MEF SUBMITTED FOR PROPOSED SIDEWALK TO BE 5' WIDE TO FIT WITHIN THE LIMITS OF EXISTING ROW.

MEF NOTE: EXISTING CROSSWALK SLOPE ACROSS FRANKLIN EXCEEDS 2% DUE TO EXISTING TOPOGRAPHY. MEF SUBMITTED FOR PROPOSED CROSSWALK TO MATCH EXISTING CONDITIONS.



USER NAME = mwillson	DESIGNED - MAW	REVISED -
PLOT SCALE = 0.08333317' / in.	DRAWN - MAW	REVISED -
PLOT DATE = 7/3/2024	CHECKED - AAF	REVISED -
	DATE - 6/19/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
FRANKLIN ST

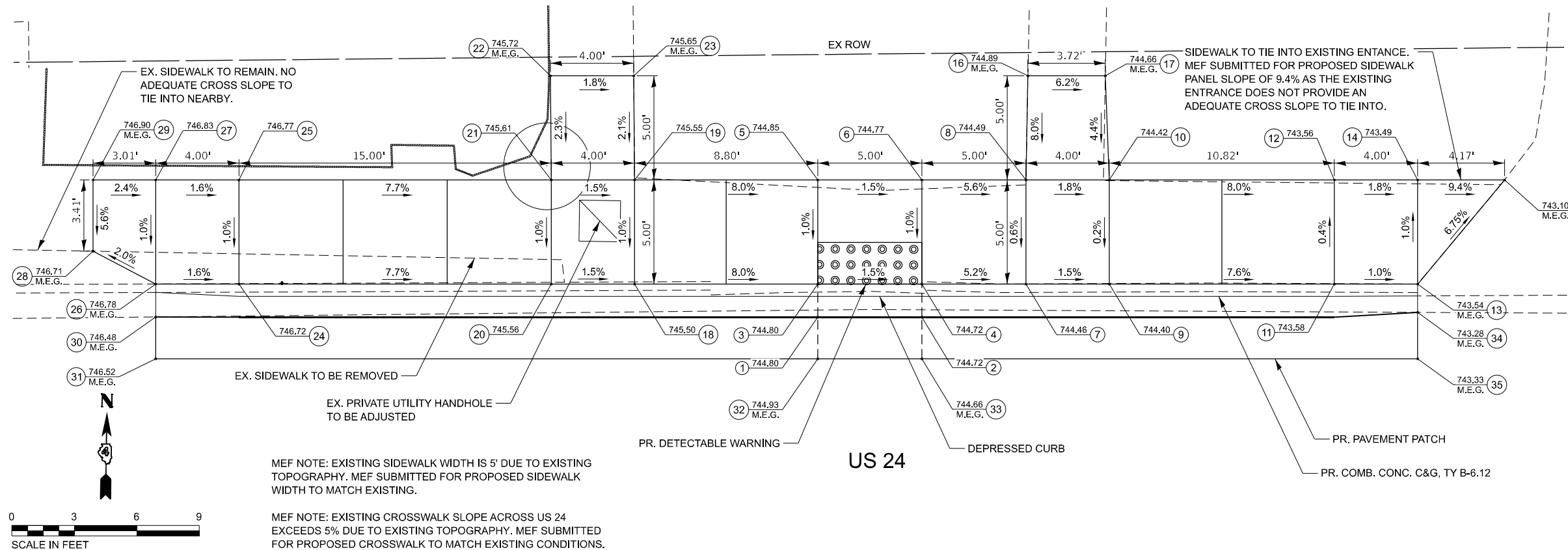
SCALE: 1" = 3' SHEET 8 OF 10 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	44
CONTRACT NO. 68J41				
ILLINOIS FED. AID PROJECT				

LOCATION #11

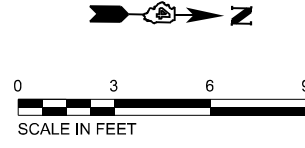
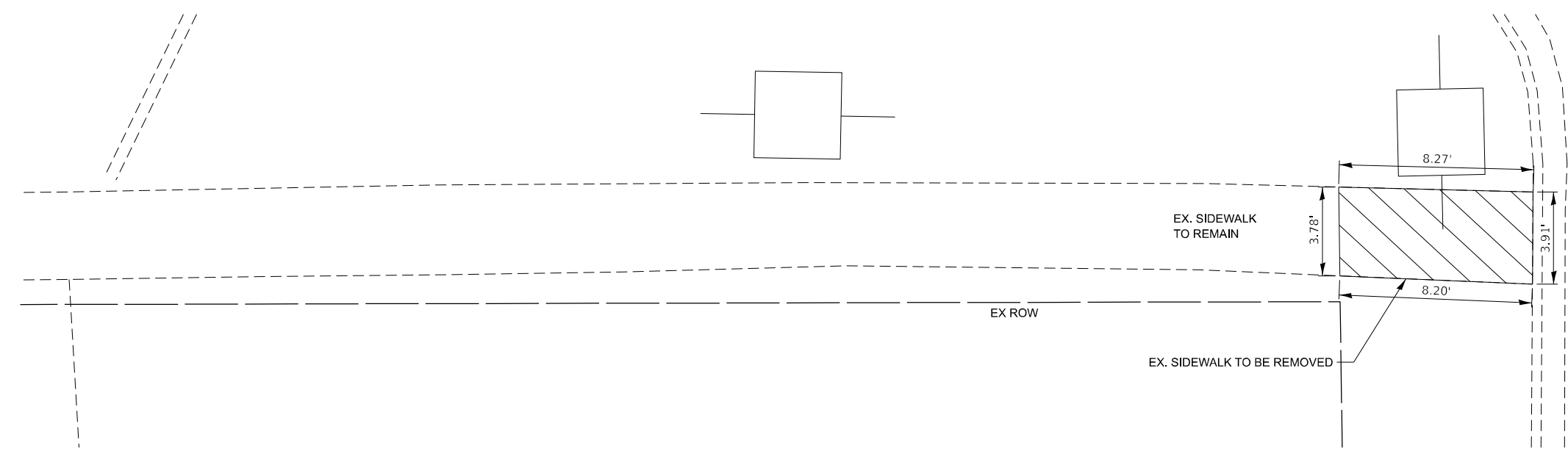
N.W. QUADRANT US 24 & SPRING

POINT	STATION	OFFSET
1	7+23.06	18.83' LT
2	7+28.06	18.85' LT
3	7+23.05	20.41' LT
4	7+28.05	20.44' LT
5	7+23.03	25.41' LT
6	7+28.03	25.44' LT
7	7+33.05	20.46' LT
8	7+33.03	25.46' LT
9	7+37.05	20.48' LT
10	7+37.03	25.48' LT
11	7+47.87	20.53' LT
12	7+47.84	25.53' LT
13	7+51.87	20.55' LT
14	7+51.84	25.55' LT
15	7+56.01	25.57' LT
16	7+33.10	30.46' LT
17	7+36.81	30.48' LT
18	7+14.25	20.37' LT
19	7+14.23	25.37' LT
20	7+10.25	20.35' LT
21	7+10.23	25.35' LT
22	7+10.16	30.35' LT
23	7+14.16	30.37' LT
24	6+95.25	20.28' LT
25	6+95.23	25.28' LT
26	6+91.25	20.26' LT
27	6+91.23	25.26' LT
28	6+88.23	21.83' LT
29	6+88.22	25.24' LT
30	6+91.26	18.68' LT
31	6+91.27	16.67' LT
32	7+23.07	16.83' LT
33	7+28.07	16.85' LT
34	7+51.87	19.20' LT
35	7+51.88	16.97' LT



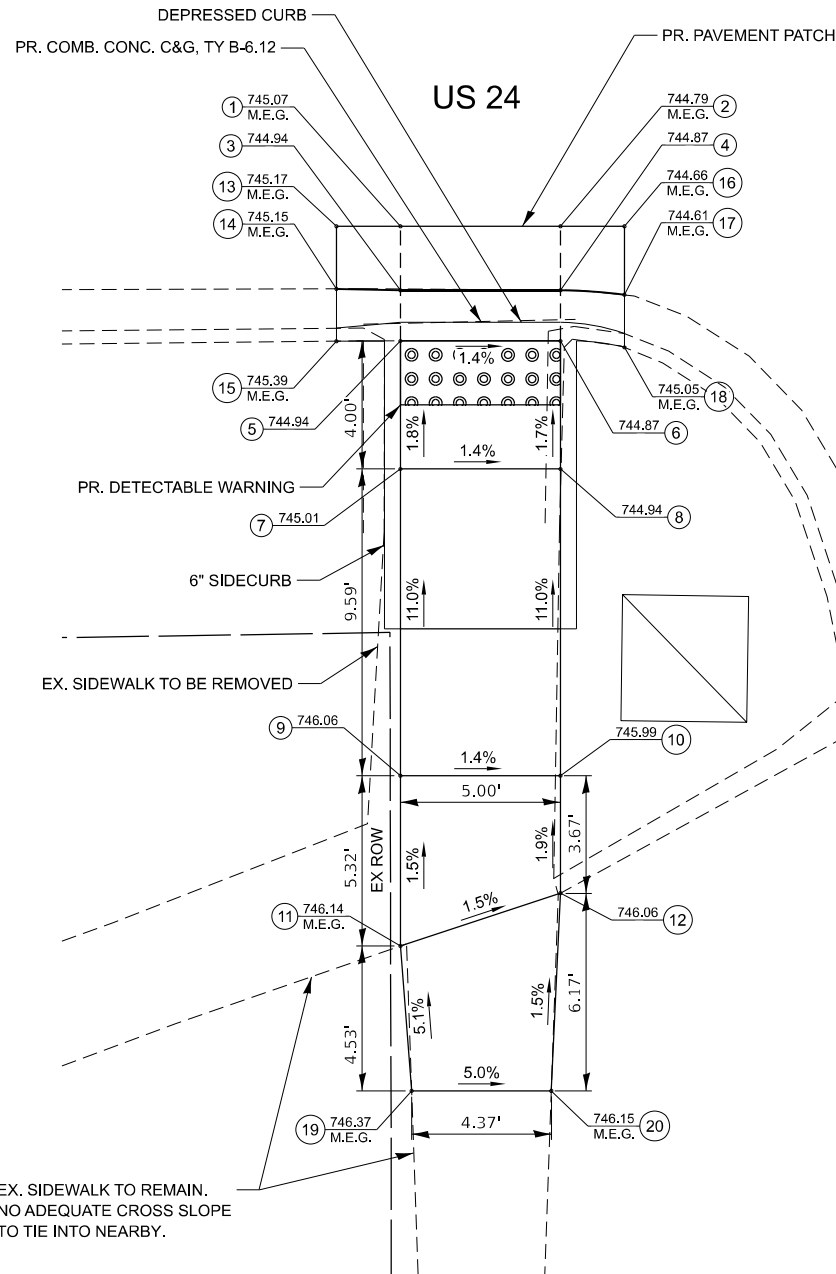
LOCATION #11

S.E. QUADRANT US 24 & SPRING



- NOTES:
- 1) M.E.G. = MATCH EXISTING GRADE
 - 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMPS
 - 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE < 7% PREFERRED.
 - 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE < 1.5% PREFERRED
 - 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'
 - 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE < 1.5% PREFERRED.
 - 7) DEPRESSED CURB MAY VARY FROM STANDARD.
 - 8) COMPACTED HMA ADJACENT TO CURB RAMPS SHALL BE FLUSH WITH THE GUTTER PAN.

MODEL: 00_Sheet-Tileblock-Legend
FILE NAME: \\Quigg\Projects\2023\1068 - PTB 200-23 D4 - TWM - Various Ph II IIWVO 3_US 24 ADA Ramps\CADD\CADD_Sheets\141-ADA_Plans.dgn



MEF NOTE: MEF SUBMITTED FOR PROPOSED SIDEWALK RUNNING SLOPE TO EXCEED 8.3% DUE TO EXISTING ENTRANCE LIMITING THE LENGTH OF THE RAMP.

LOCATION #11 S.W. QUADRANT US 24 & SPRING

POINT	STATION	OFFSET
1	7+76.38	15.97' RT
2	7+81.38	15.97' RT
3	7+76.39	17.97' RT
4	7+81.39	17.97' RT
5	7+76.39	19.55' RT
6	7+81.39	19.55' RT
7	7+76.39	24.55' RT
8	7+81.39	24.55' RT
9	7+76.41	44.55' RT
10	7+81.41	44.55' RT
11	7+76.41	49.55' RT
12	7+81.41	49.55' RT
13	7+76.43	69.55' RT
14	7+81.43	69.55' RT
15	7+76.43	74.55' RT
16	7+81.43	74.55' RT
17	7+77.40	79.80' RT
18	7+81.13	79.79' RT
19	7+74.38	15.97' RT
20	7+74.39	18.18' RT
21	7+74.39	19.64' RT
22	7+83.38	15.96' RT
23	7+83.39	18.15' RT
24	7+83.39	19.54' RT

SPRING ST.



- NOTES:
- 1) M.E.G. = MATCH EXISTING GRADE
 - 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMPS
 - 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE < 7% PREFERRED.
 - 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE < 1.5% PREFERRED
 - 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'
 - 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE < 1.5% PREFERRED.
 - 7) DEPRESSED CURB MAY VARY FROM STANDARD.
 - 8) COMPACTED HMA ADJACENT TO CURB RAMPS SHALL BE FLUSH WITH THE GUTTER PAN.

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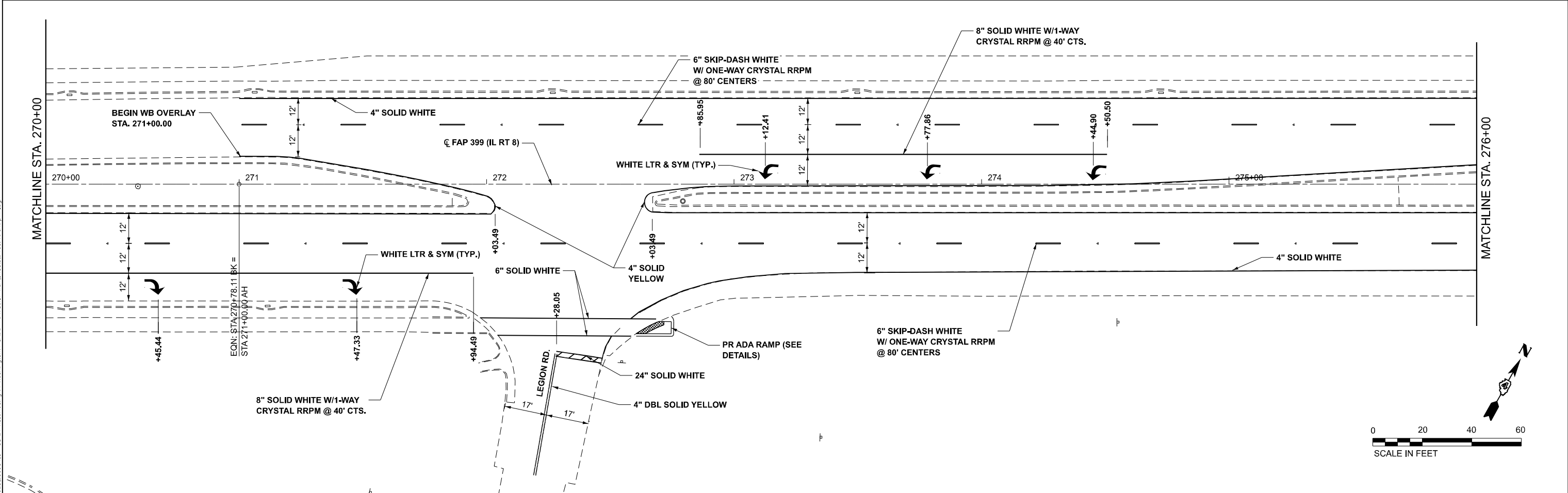
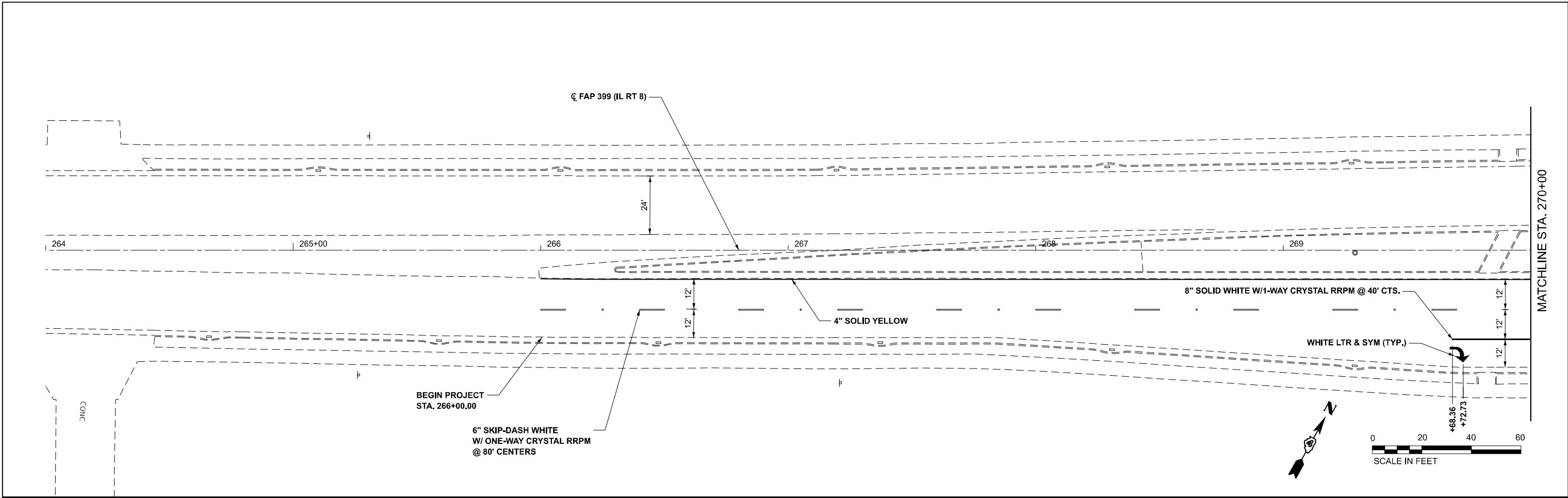
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PLOT SCALE = 0.08333317' / in.	DRAWN - MAW	REVISED - _____
PLOT DATE = 7/3/2024	CHECKED - AAF	REVISED - _____
	DATE - 6/19/2024	REVISED - _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
SPRING ST

SCALE: 1" = 3' SHEET 10 OF 10 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	46
CONTRACT NO. 68J41				
ILLINOIS FED. AID PROJECT				



MODEL: BUS24EXCL - Plan 1 (Sheet)
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TWM, INC.
 www.twm-inc.com
 IL DESIGN FIRM
 LICENSE NO: 184-001220
 USER NAME = dllee
 PLOT SCALE = 0.16666667" / in.
 PLOT DATE = 7/8/2024

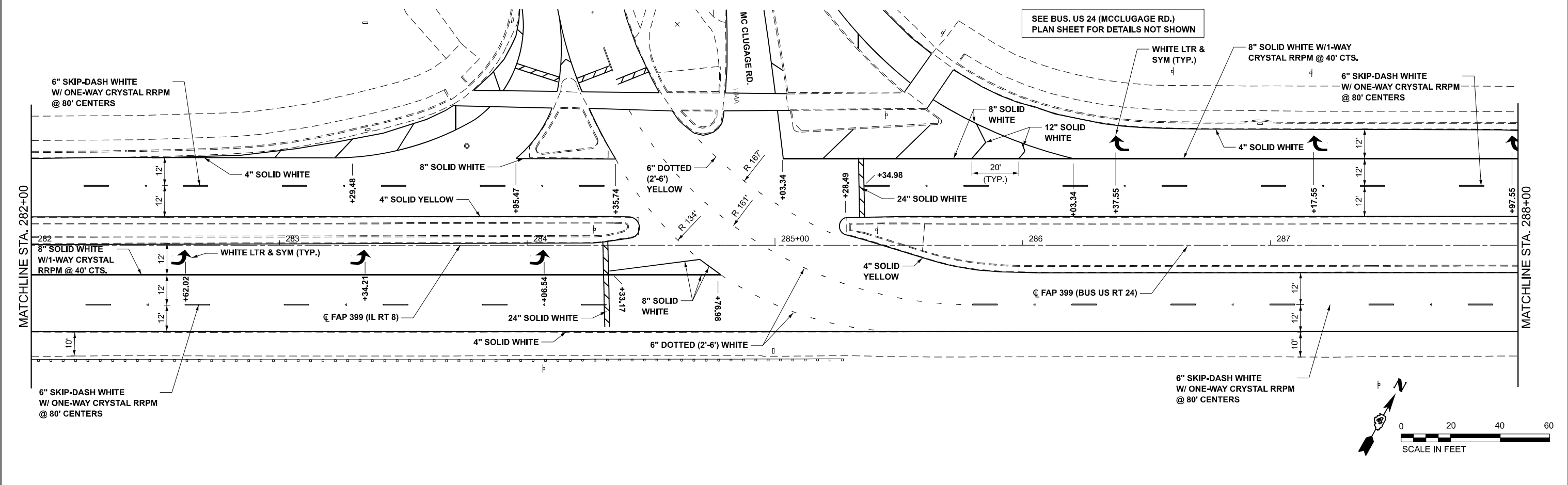
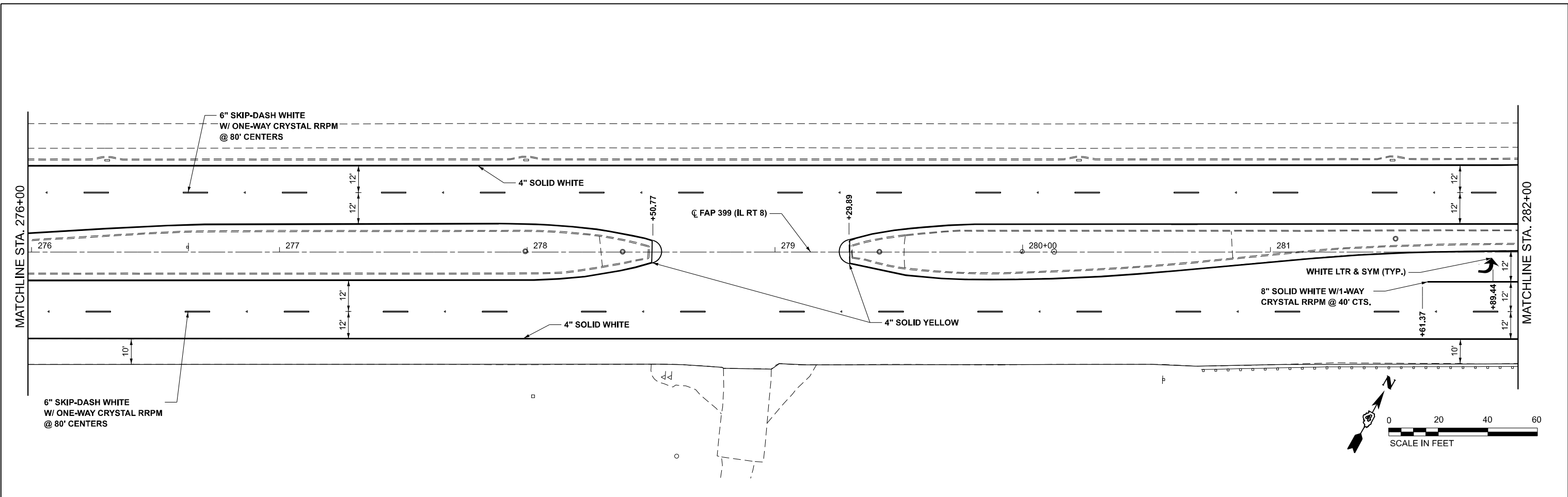
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DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 8 / BUSINESS 24
PAVEMENT MARKING PLAN

SCALE: 1"=20' SHEET 1 OF 14 SHEETS STA. 264+00.00 TO STA. 276+00.00 R2

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	47
CONTRACT NO. 68J41				
ILLINOIS FED. AID PROJECT				



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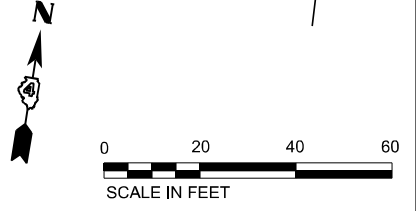
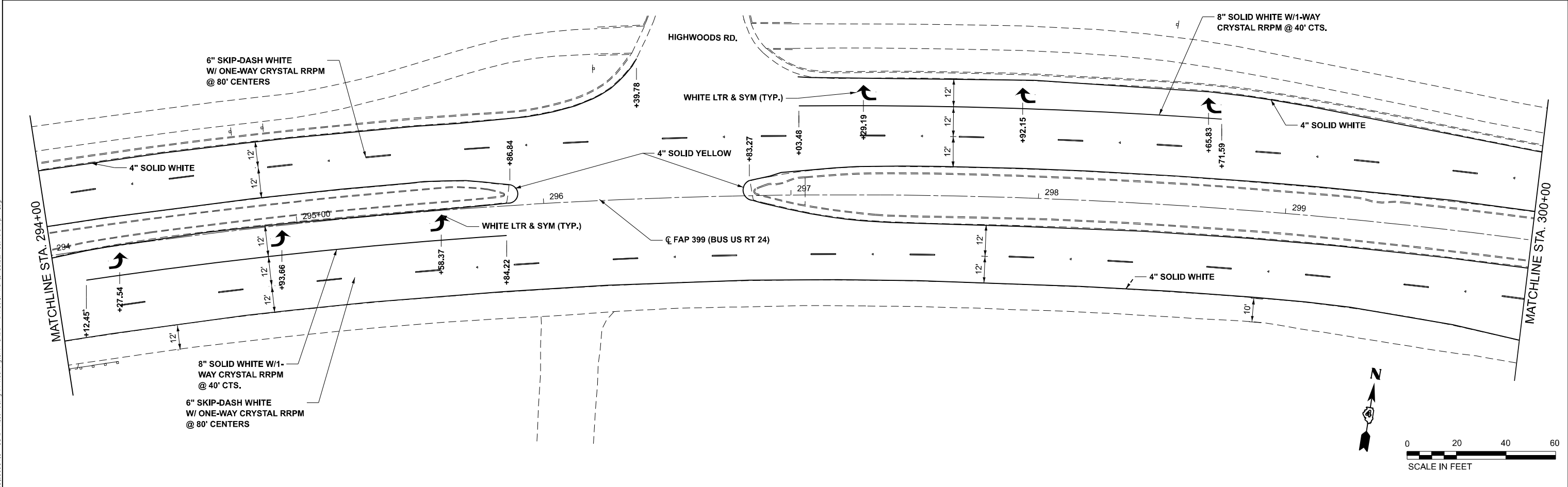
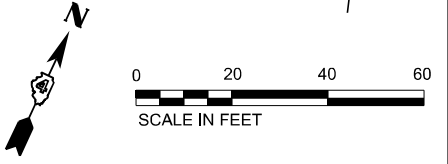
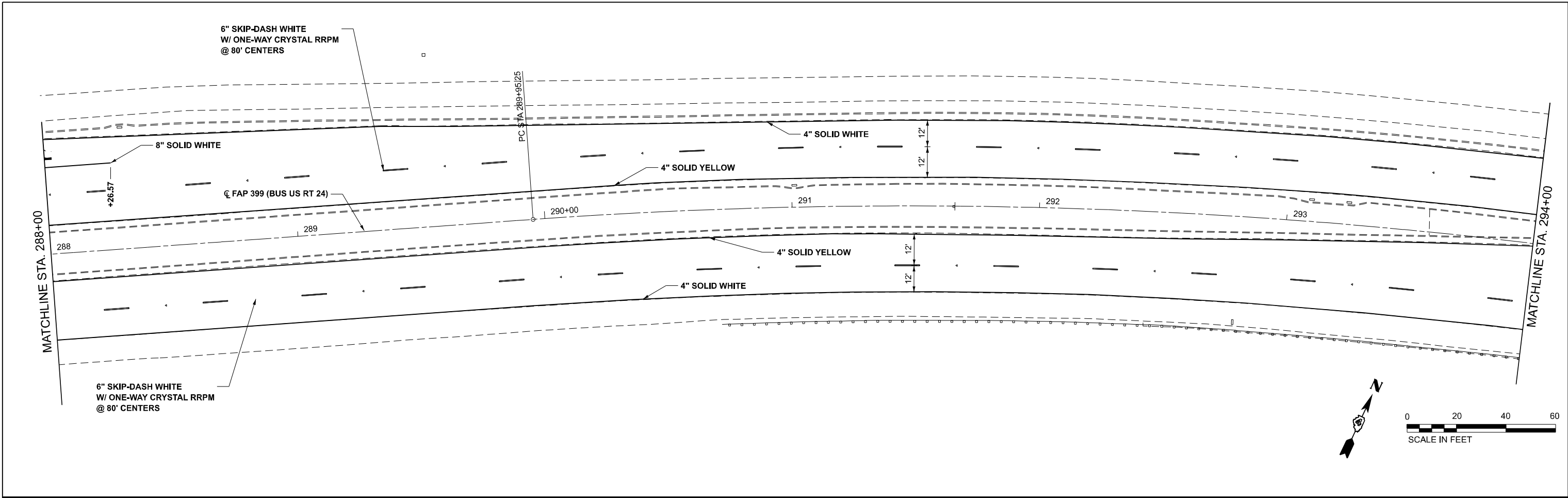
TWM
 ENGINEERING
 GEOSPATIAL SERVICES
TWM, INC.
 www.twm-inc.com
 IL DESIGN FIRM
 LICENSE NO: 184-001220

USER NAME = dlce	DESIGNED -	REVISED -
PLOT SCALE = 0.16666667' / in.	DRAWN -	REVISED -
PLOT DATE = 7/8/2024	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 8 / BUSINESS 24
PAVEMENT MARKING PLAN
 SCALE: 1"=20'
 SHEET 2 OF 14 SHEETS
 STA. 276+00.00 R2 TO STA. 288+00.00 R2

F.A.P. RTE. 399	SECTION [35RS-10;(35NRM)RS-1]SW	COUNTY TAZEWELL	TOTAL SHEETS 77	SHEET NO. 48
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68J41	



MODEL: BUS24EXCL - Plan-3 (Sheet)
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TWM, INC.
 www.twm-inc.com
 IL DESIGN FIRM
 LICENSE NO: 184-001220

USER NAME = dlcc
 PLOT SCALE = 0.16666667 * / in.
 PLOT DATE = 7/8/2024

DESIGNED -
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 CHECKED -
 DATE -

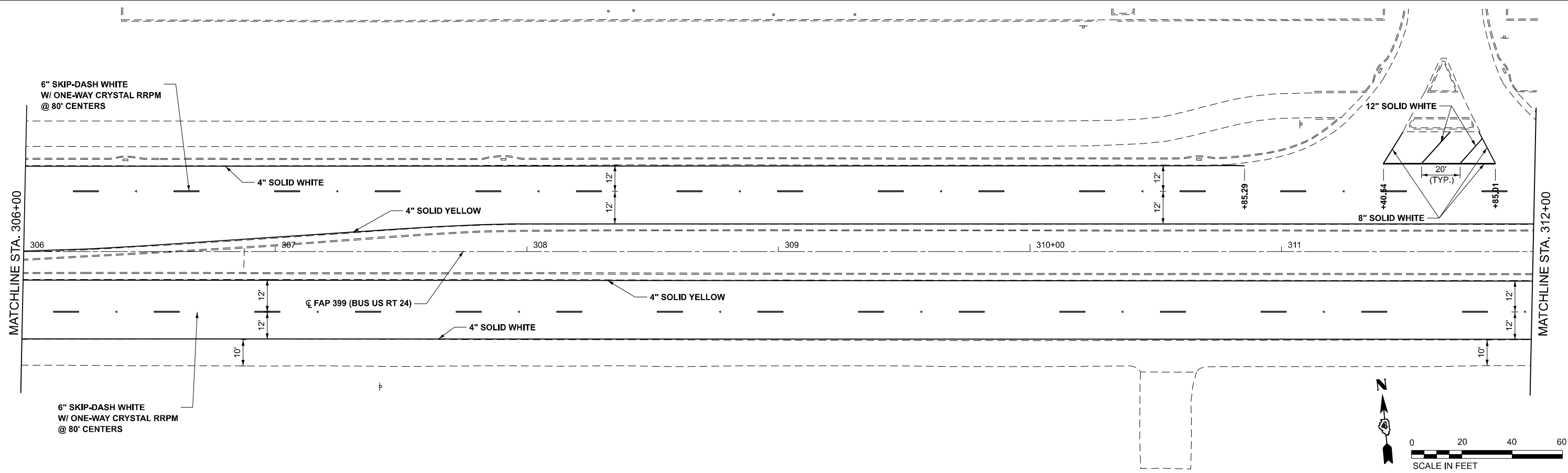
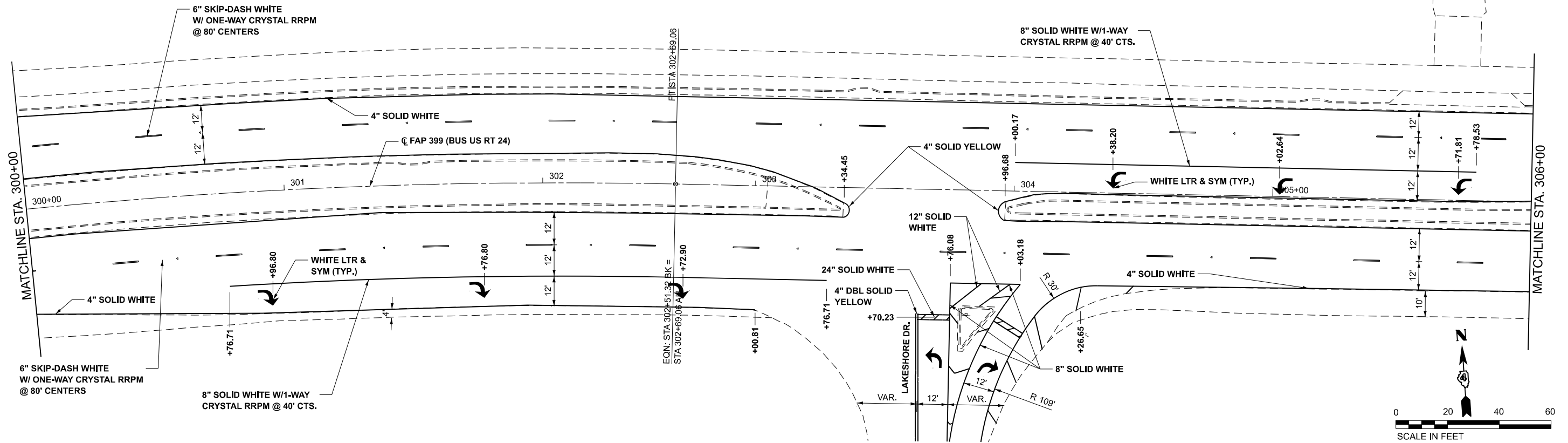
REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 8 / BUSINESS 24
PAVEMENT MARKING PLAN

SCALE: 1"=20' SHEET 3 OF 14 SHEETS STA. 288+00.00 R2 TO STA. 300+00.00 R2

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	49
CONTRACT NO. 68J41				
		ILLINOIS	FED.AID PROJECT	



MODEL: BUS24EXCL - Plan-1 (Sheet)
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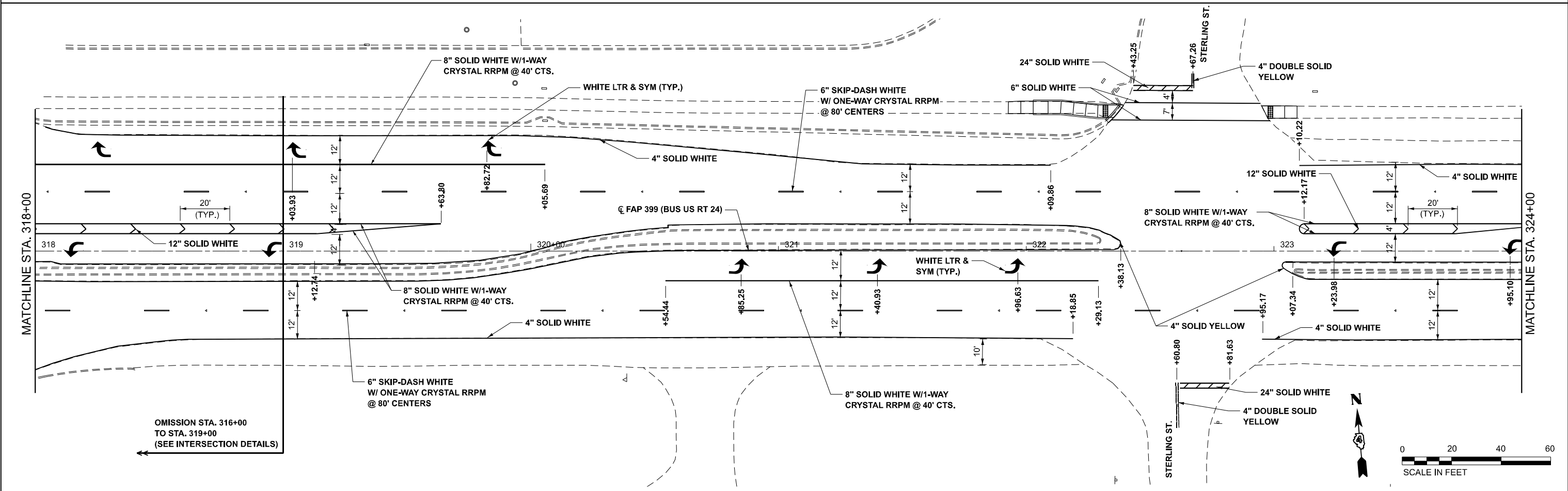
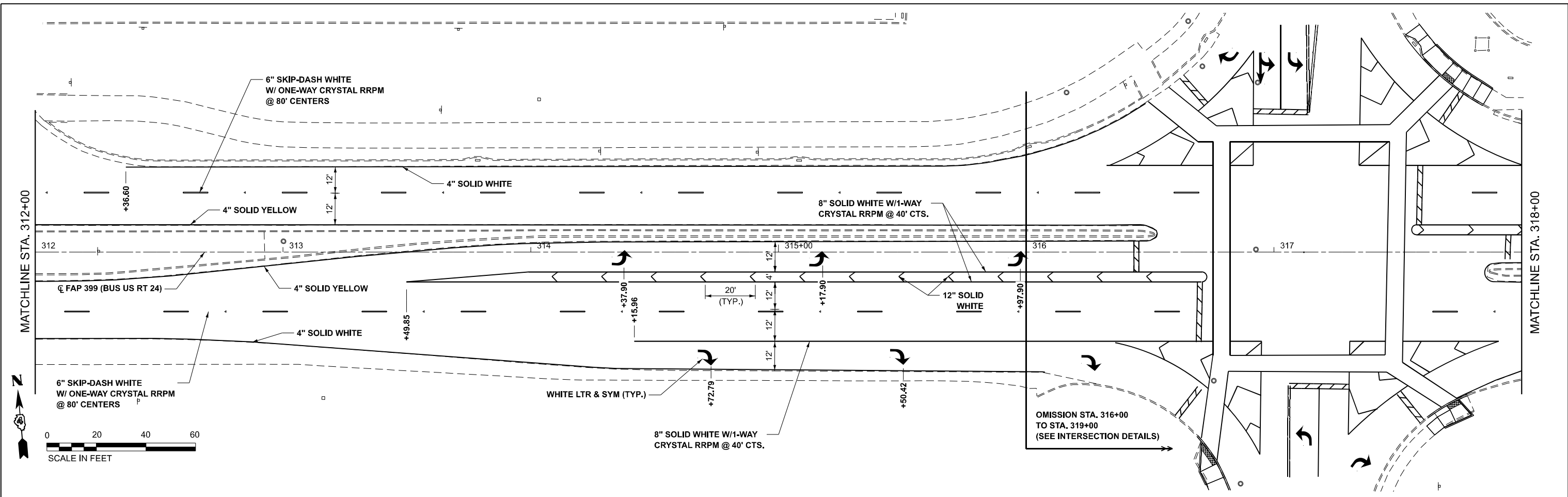

TWM, INC.
 www.twm-inc.com
 ILLINOIS DESIGN FIRM
 LICENSE NO: 184-001220

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	DATE -	REVISED -

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DEPARTMENT OF TRANSPORTATION

IL 8 / BUSINESS 24 PAVEMENT MARKING PLAN			
SCALE: 1"=20'	SHEET 4	OF 14 SHEETS	STA. 300+00.00 R2 TO STA. 312+00.00 R3

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	50
CONTRACT NO. 68J41				
ILLINOIS FED. AID PROJECT				



MODEL: BUS24EXCL - Plan-5 [Sheet]
 FILE NAME: P:\2023\399\24\CAD - DWG\L7 - PlanSheets\186811-shp-ppm.dwg

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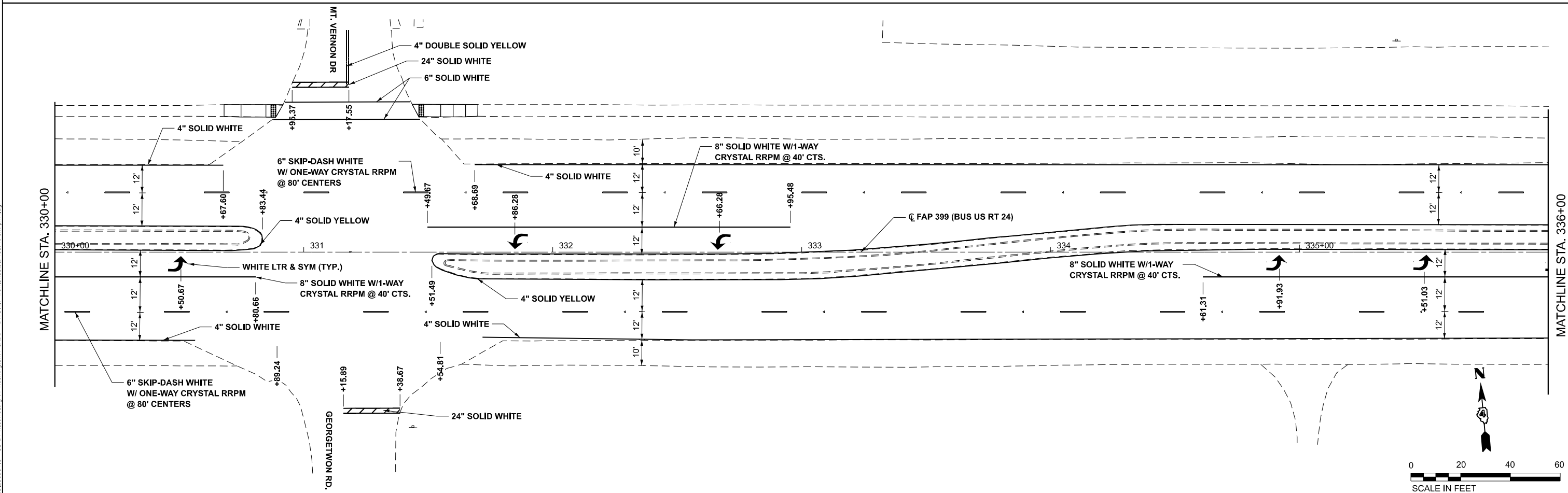
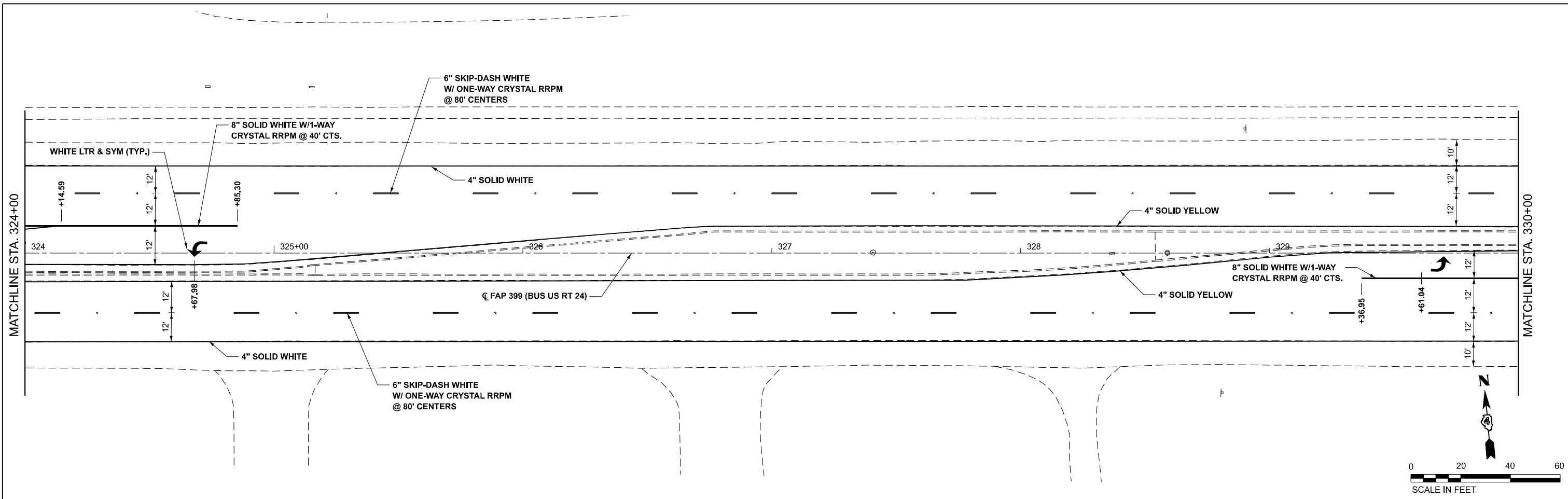
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	DATE -	REVISED -

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DEPARTMENT OF TRANSPORTATION

IL 8 / BUSINESS 24
PAVEMENT MARKING PLAN

SCALE: 1"=20' SHEET 5 OF 14 SHEETS STA. 312+00.00 R3 TO STA. 324+00.00 R3

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	51
CONTRACT NO. 68J41				
ILLINOIS FED.AID PROJECT				



MODEL: BUS24EXCL - Plan-d [Sheet]
 FILE NAME: P:\2023\230924\C - US 24 Resurfacing in Washington - CAD - DWG\L7 - TranSheets\184\11-sh1-pm-cad.dgn



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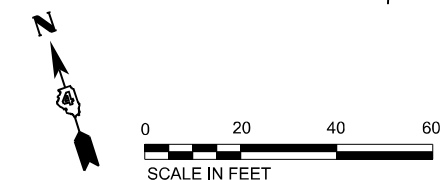
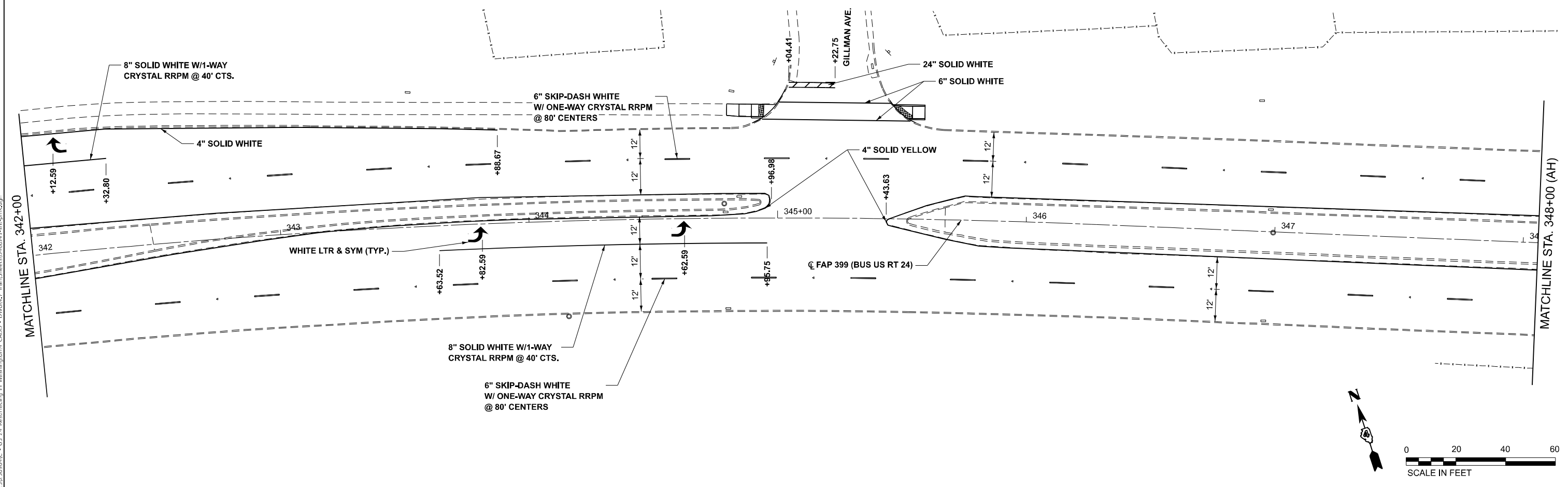
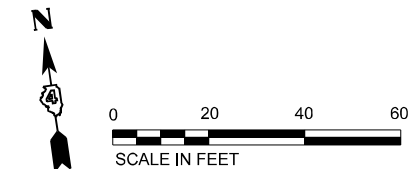
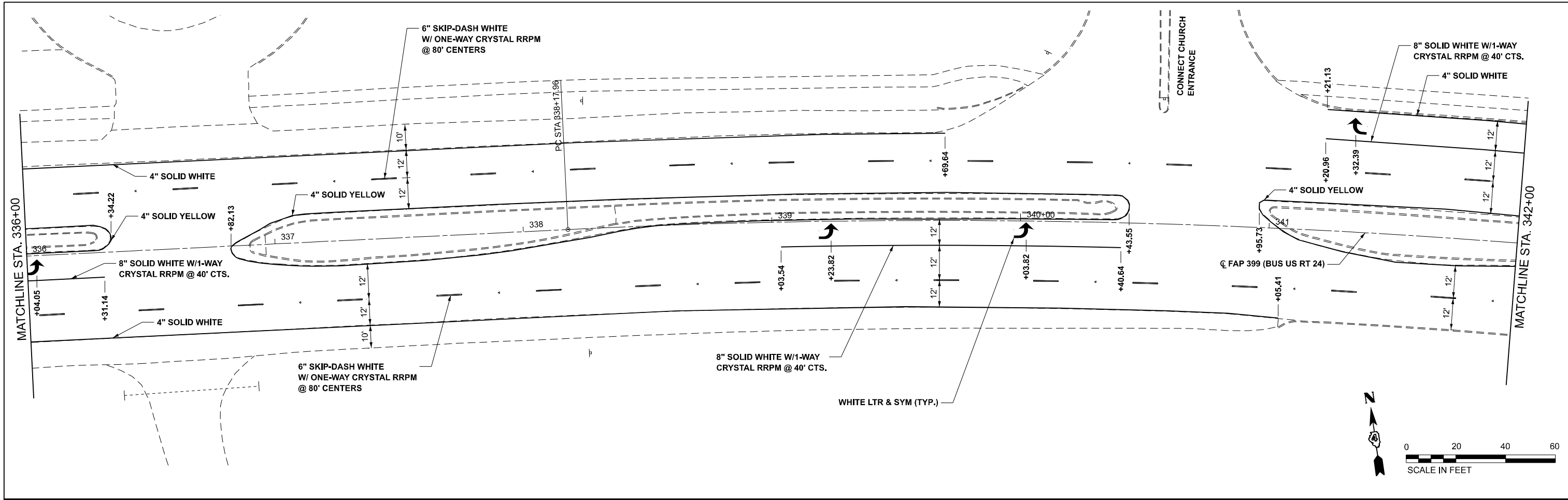
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CHECKED -	REVISD -
DATE -	REVISD -

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IL 8 / BUSINESS 24
PAVEMENT MARKING PLAN

SCALE: 1"=20' SHEET 6 OF 14 SHEETS STA. 324+00.00 R3 TO STA. 336+00.00 R3

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	52
CONTRACT NO. 68J41			ILLINOIS FED.AID PROJECT	



MODEL: BUS24EXCL - Plan7 [Sheet] FILE NAME: P:\2023\230924C - US 24 Resurfacing in Washington - CADD - DWG\L7 TranSheets\18611-shp-imp.dgn

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PLOT DATE = 7/8/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 8 / BUSINESS 24
 PAVEMENT MARKING PLAN**

SCALE: 1"=20' SHEET 7 OF 14 SHEETS STA. 336+00.00 R3 TO STA. 348+00.00 R4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	53
CONTRACT NO. 68J41				
ILLINOIS FED. AID PROJECT				

MODEL: BUS24EXCL - Plan-8 (Sheet)
 FILE NAME: P:\2023\239924\C - US 24 Resurfacing in Washington - CADD - DWG\17 - TranSheets\18611-shi-pm-cd.dgn



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 LICENSE NO: 184-001220

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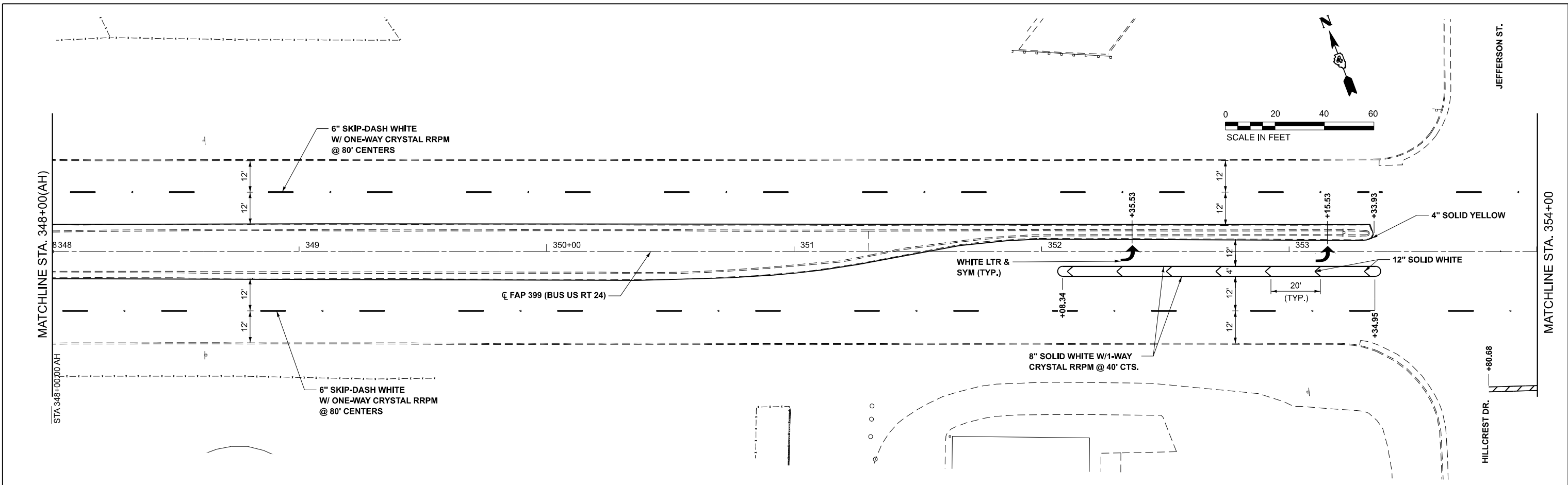
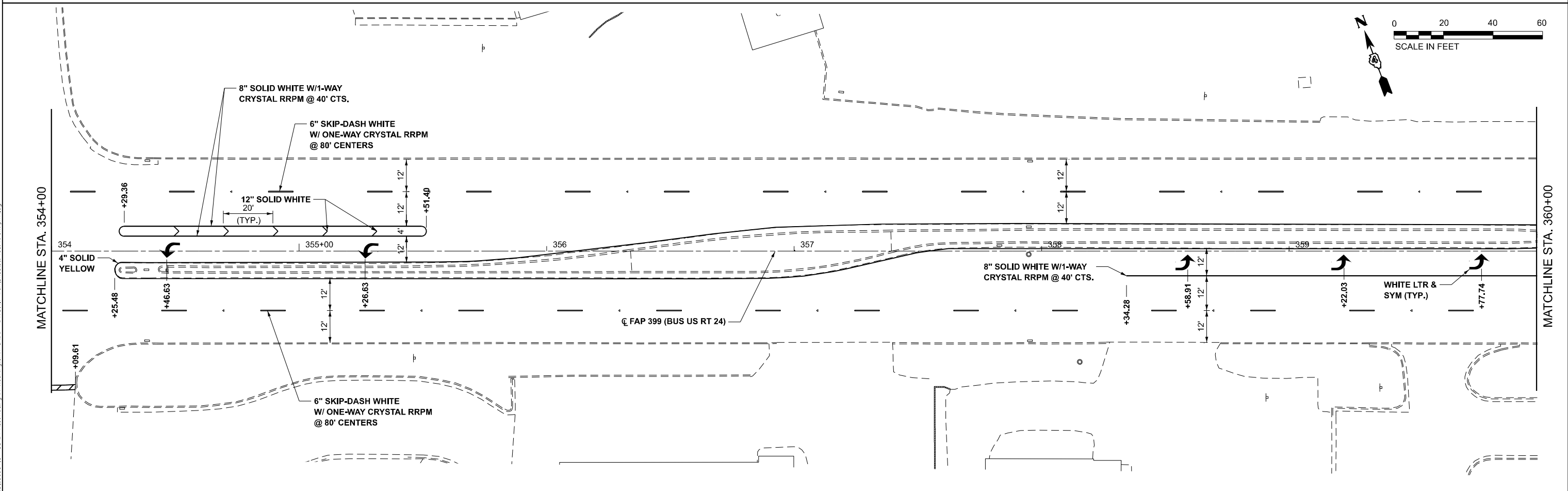
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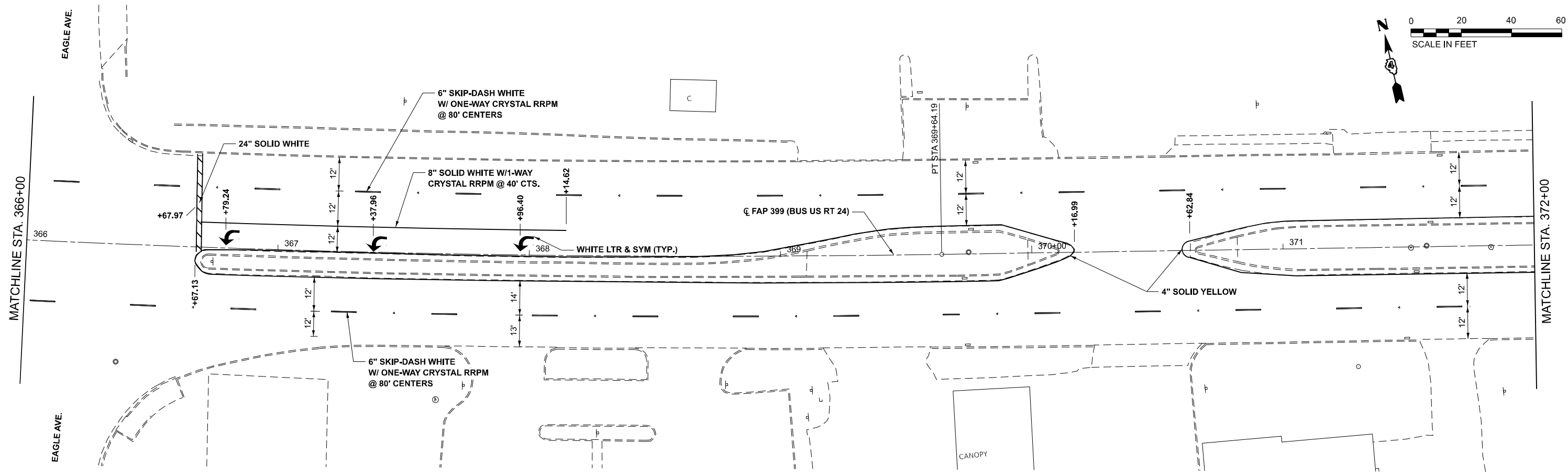
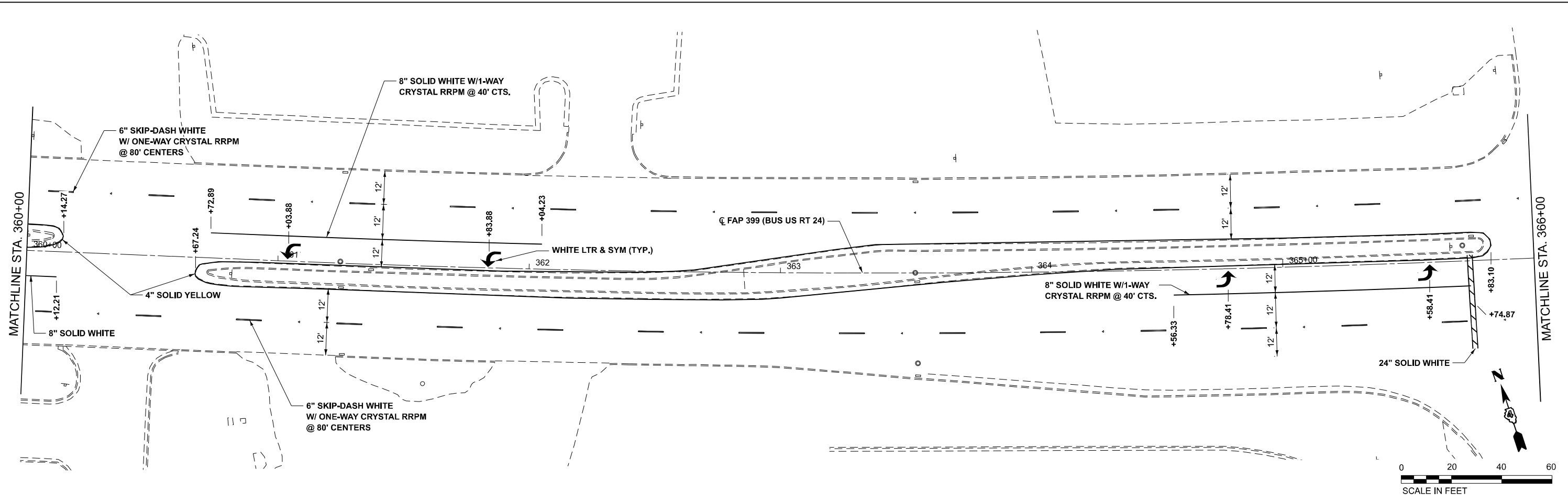
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 8 / BUSINESS 24
 PAVEMENT MARKING PLAN**

SCALE: 1"=20' SHEET 8 OF 14 SHEETS STA. 348+00.00 R4 TO STA. 360+00.00 R4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	54
CONTRACT NO. 68J41				
ILLINOIS FED. AID PROJECT				





MODEL: BUS24EXCL - Plan-9 [Sheet]
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USER NAME = dllee
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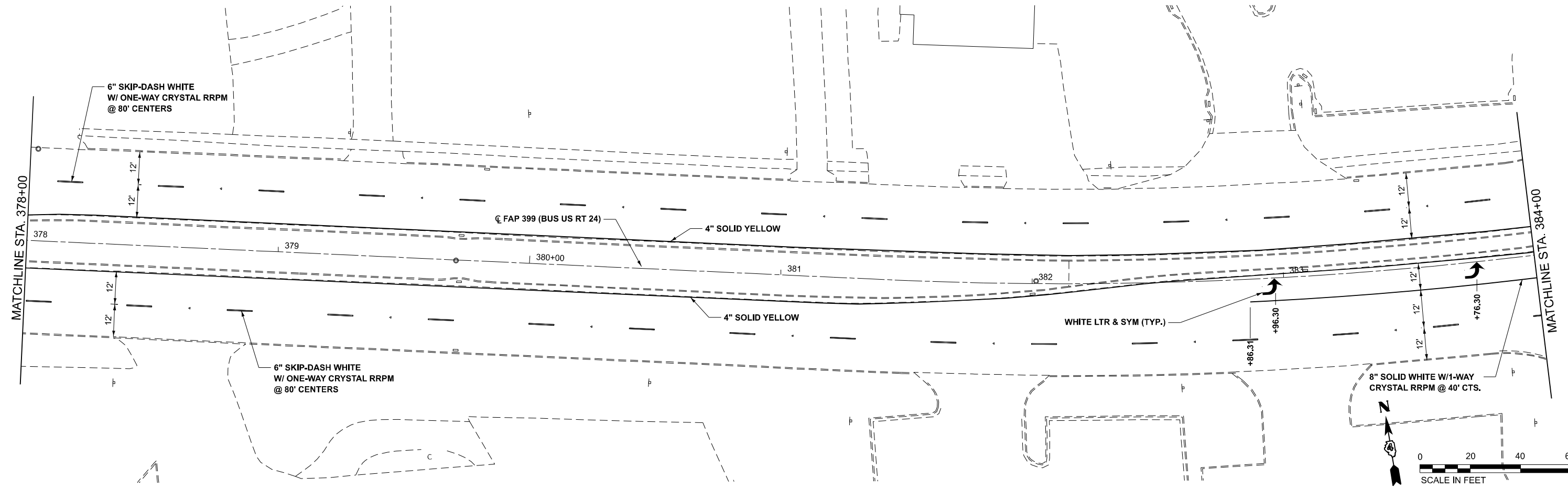
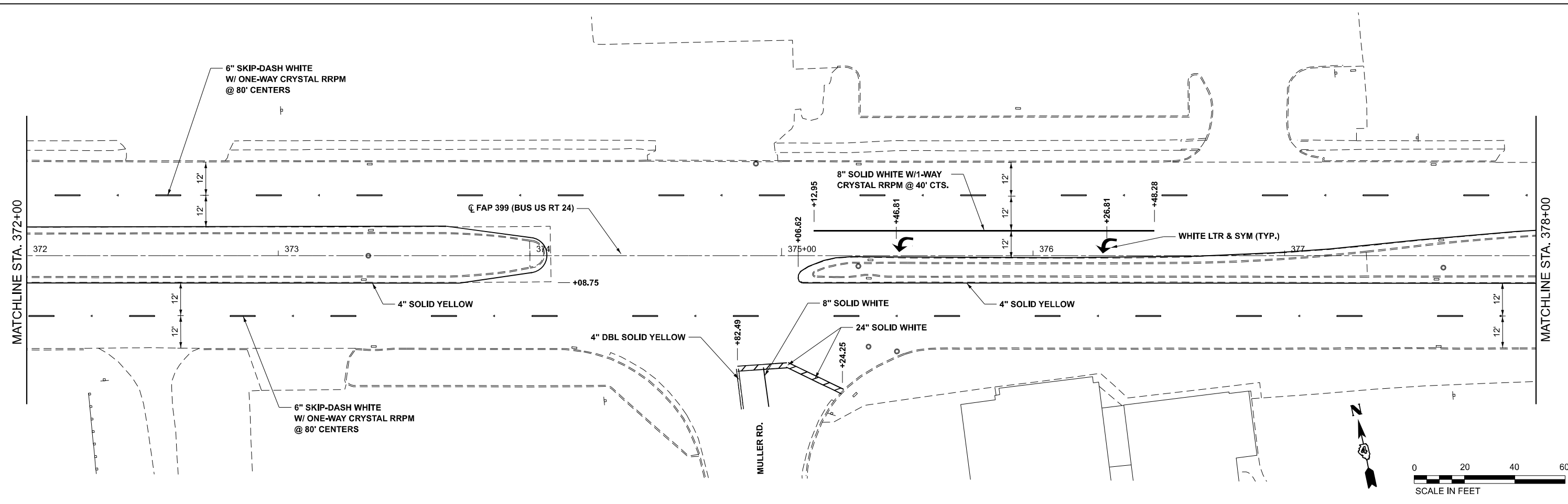
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DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

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DEPARTMENT OF TRANSPORTATION

IL 8 / BUSINESS 24
PAVEMENT MARKING PLAN

SCALE: 1"=20' SHEET 9 OF 14 SHEETS STA. 360+00.00 R4 TO STA. 372+00.00 R4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	55
CONTRACT NO. 68J41				
ILLINOIS FED.AID PROJECT				



MODEL: BUS24EXCL - Plan-10 (Sheet)
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 LICENSE NO: 184-001220

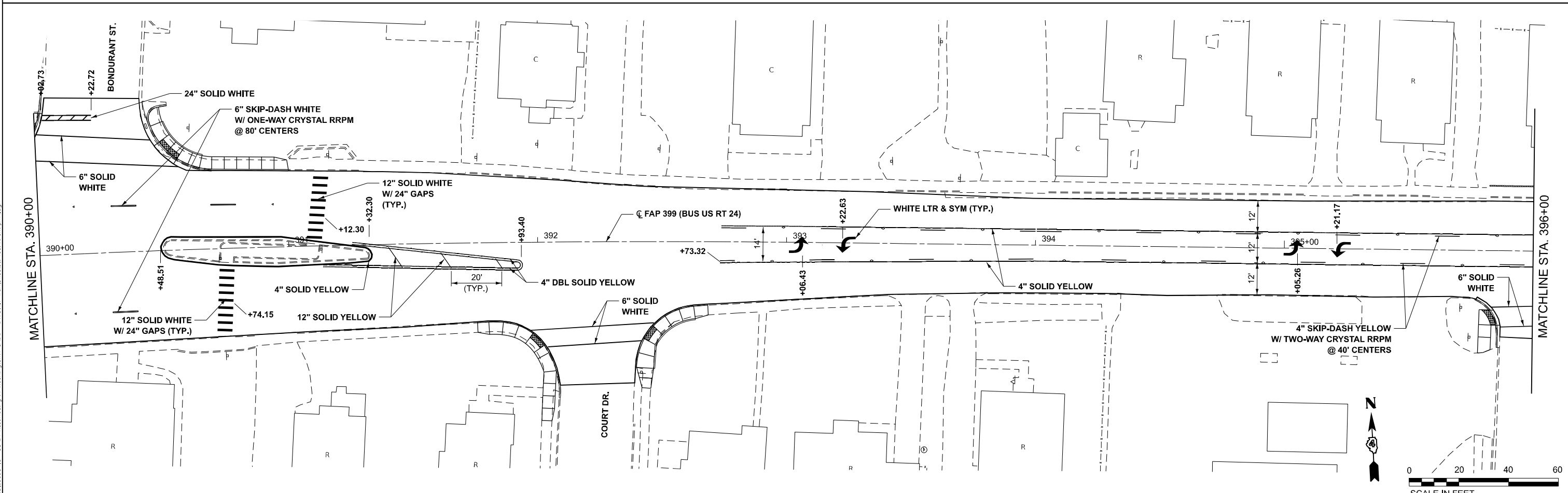
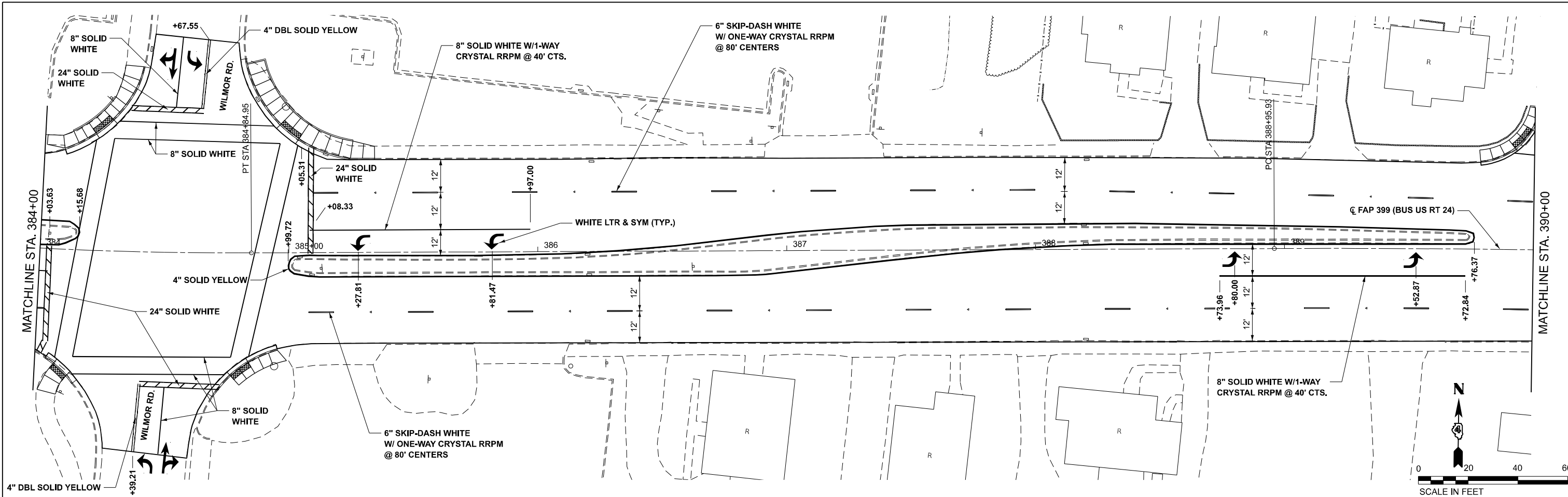
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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 8 / BUSINESS 24
PAVEMENT MARKING PLAN

SCALE: 1"=20' SHEET 10 OF 14 SHEETS STA. 372+00.00 R4 TO STA. 384+00.00 R4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	56
CONTRACT NO. 68J41				
ILLINOIS FED.AID PROJECT				



MODEL: BUS24EXCL - Plan-11 (Sheet)
 FILE NAME: P:\2023\39924\1C - US 24 Resurfacing in Washington - CAD - DWG\17 - PlanSheets\184\11-shp-imp-nc.dgn

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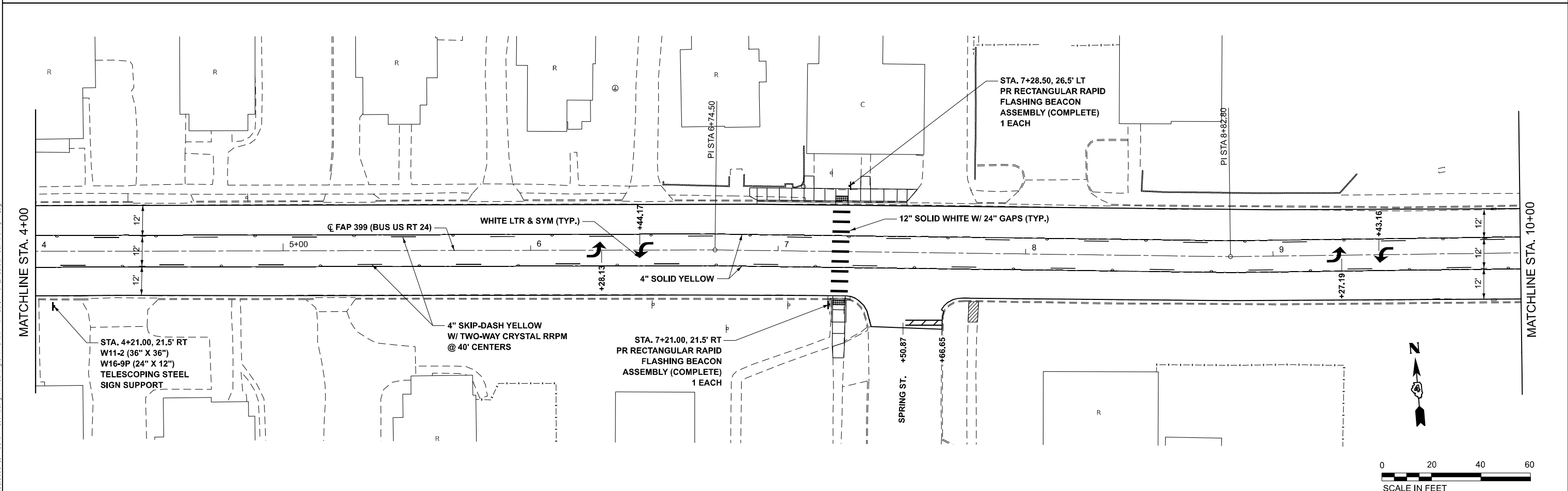
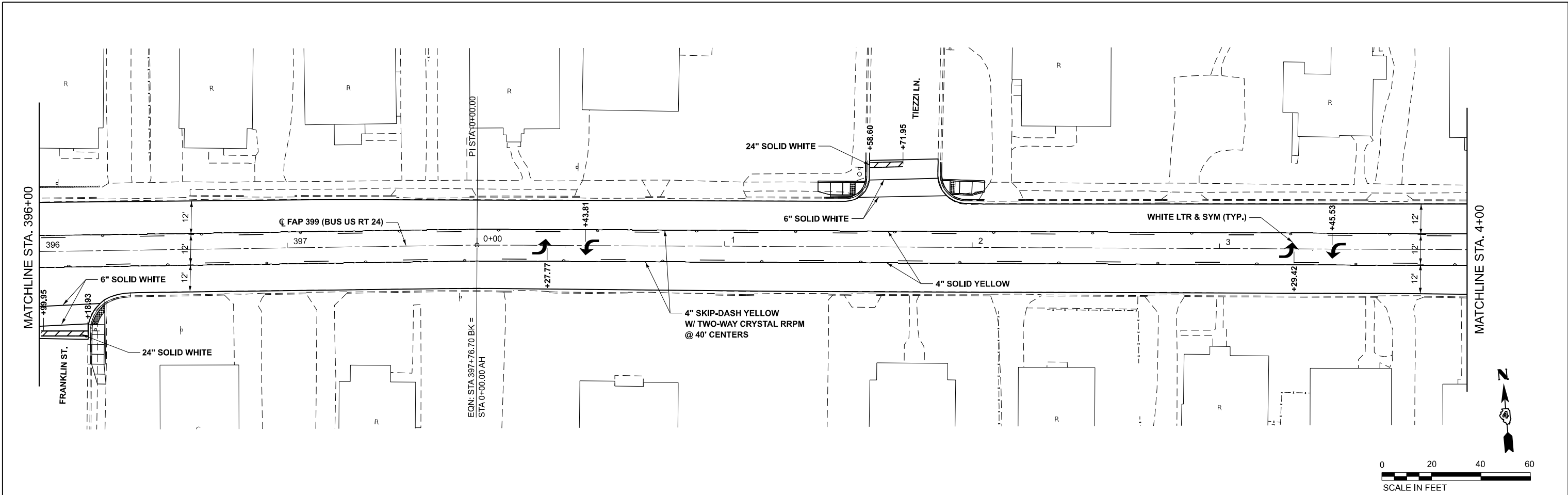
STATE OF ILLINOIS
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IL 8 / BUSINESS 24
PAVEMENT MARKING PLAN

SCALE: 1"=20' SHEET 11 OF 14 SHEETS STA. 384+00.00 R4 TO STA. 396+00.00 R4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	57
CONTRACT NO. 68J41				
ILLINOIS FED.AID PROJECT				

MODEL: BUS24EXCL - Plan-12 (Sheet)
 FILE NAME: P:\2023\239924\CL - US 24 Resurfacing in Washington CAD - DWG\17_TranSheets\18611-shp-mpc.dgn



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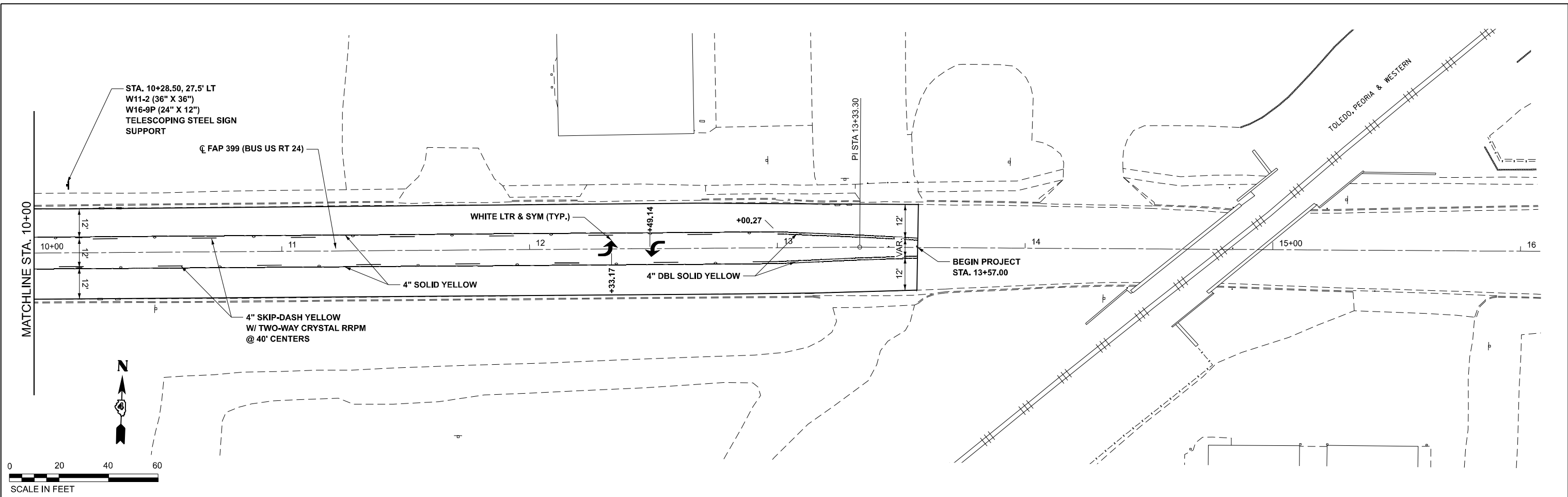
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 LICENSE NO: 184-001220

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 8 / BUSINESS 24	
PAVEMENT MARKING PLAN	
SCALE: 1"=20'	SHEET 12 OF 14 SHEETS
STA. 396+00.00 R4	TO STA. 10+00.00 R5

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	58
CONTRACT NO. 68J41				
ILLINOIS FED. AID PROJECT				



MODEL: BUS24EXCL - Plan-13 (Sheet)
 FILE NAME: P:\2023\239924\C - US 24 Resurfacing in Washington - CADD - DWG\17 TrainSheets\186811-shl-pmk.dgn


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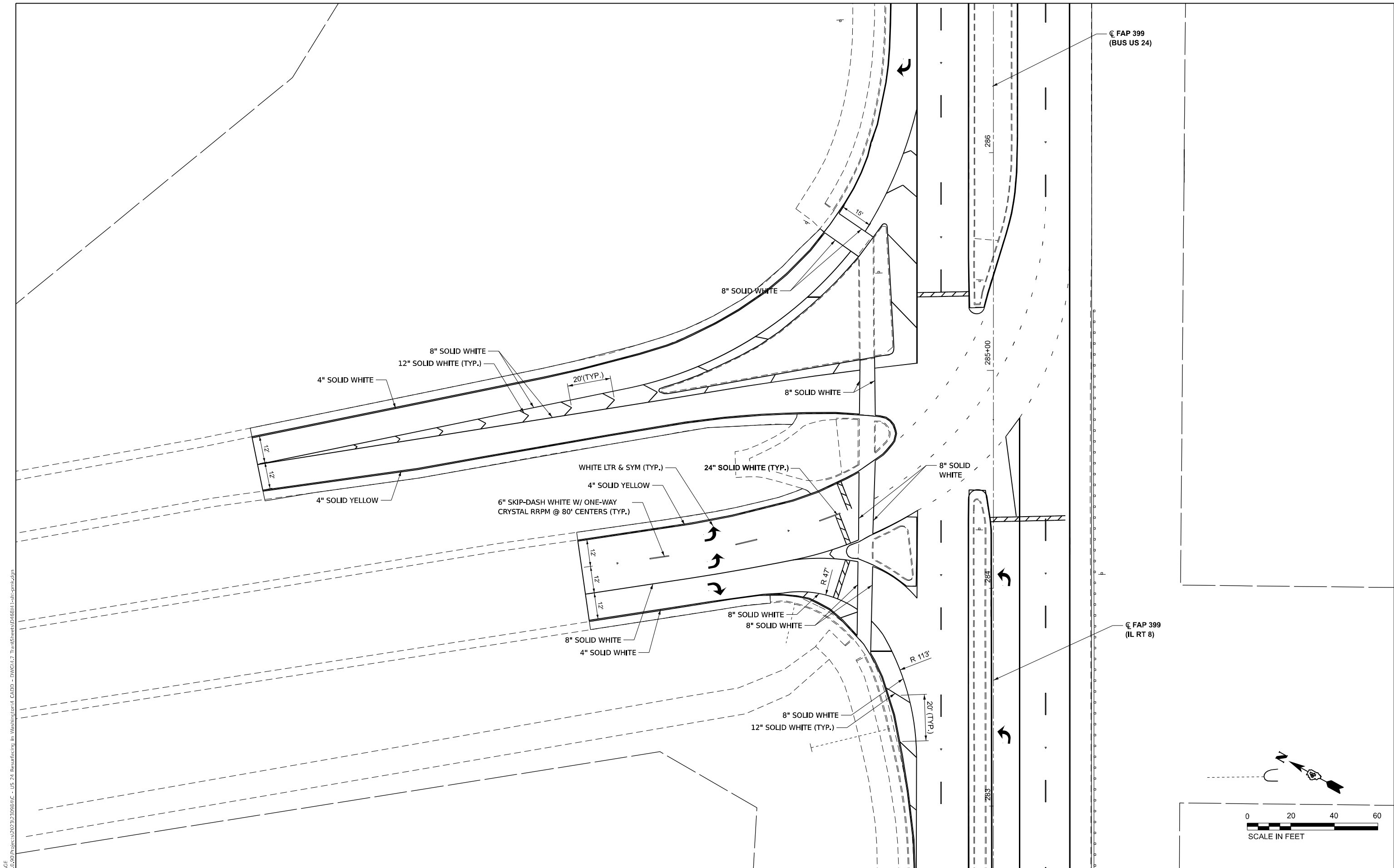
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 8 / BUSINESS 24
PAVEMENT MARKING PLAN

SCALE: 1"=20' SHEET 13 OF 14 SHEETS STA. 10+00.00 R5 TO STA. 16+00.00 R5

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	59
CONTRACT NO. 68J41				
		ILLINOIS	FED. AID PROJECT	



MODEL: MCCLUGAGE
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 LICENSE NO:
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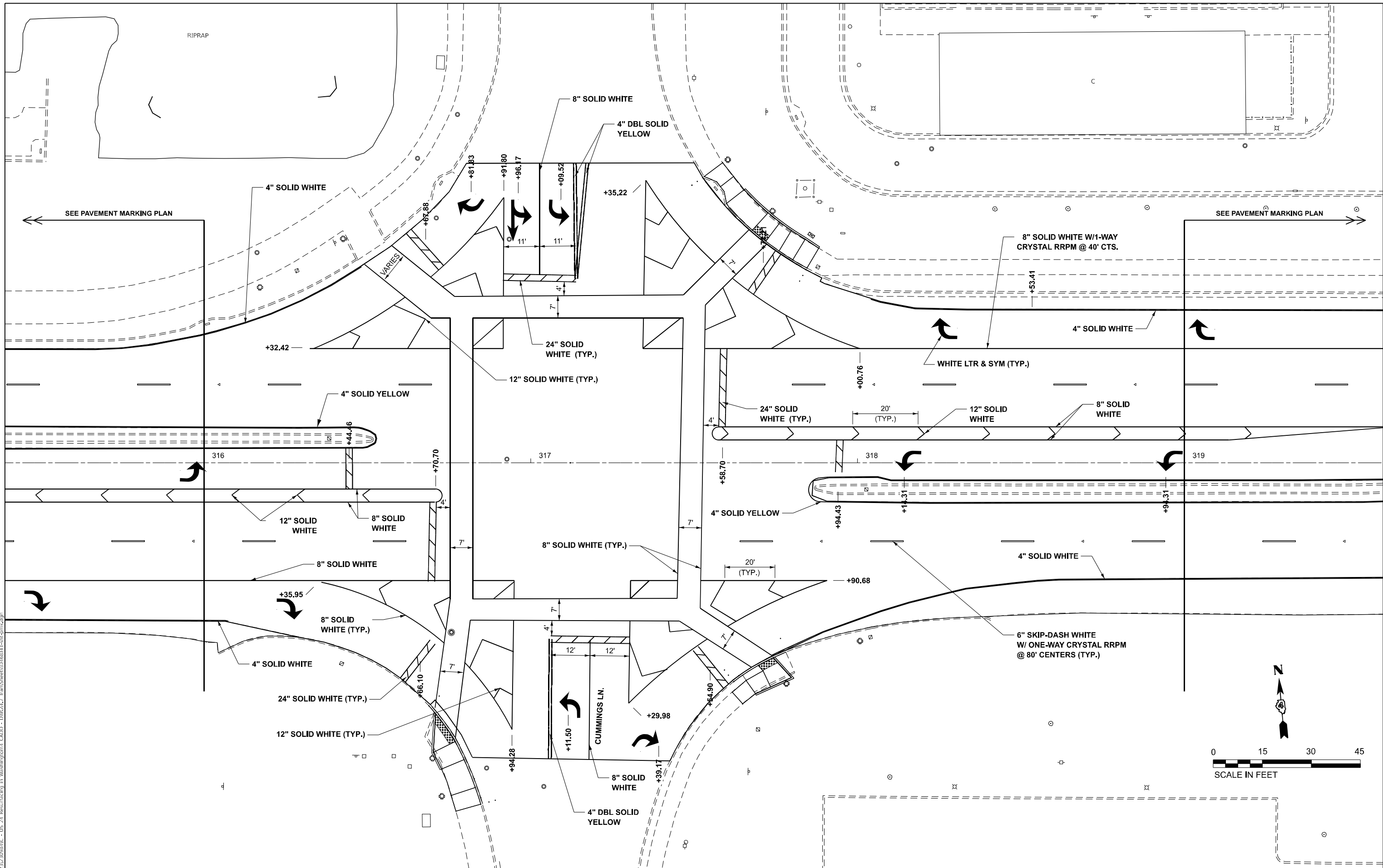
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PLOT DATE = 7/8/2024	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUSINESS 24 (MCCLUGAGE RD.)
PAVEMENT MARKING PLAN

SCALE: 1"=20' SHEET 14 OF 14 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	60
CONTRACT NO. 68J41				
ILLINOIS FED. AID PROJECT				



MODEL: BUS24EXCL - Plan25-Intersection_details
 FILE NAME: P:\2023\29924\C - US 24 Resurfacing in Washingtonland - CADD - DWG\L7 - Tran\Sheets\ID\68J1-1-sh-pmk.dgn

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CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 8 / BUSINESS 24
 INTERSECTION DETAILS**

SCALE: 1"=15'
 SHEET 1 OF 1 SHEETS
 STA. 316+00.00 TO STA. 319+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	61
CONTRACT NO. 68J41				
ILLINOIS FED.AID PROJECT				

GENERAL NOTES

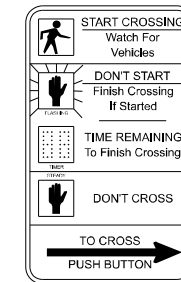
1. ALL HANDHOLES SHALL BE CONSTRUCTED SO THAT THE TOP OF THE FRAME WILL BE FLUSH WITH THE SURFACE OF THE MEDIAN, SIDEWALK, OR GROUND LINE.
2. THE LOCATION OF ALL UTILITES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY TRAFFIC SIGNAL COMPONENTS.
3. THE LOCATION FOR TRAFFIC SIGNAL POST FOUNDATIONS ARE PROVIDED FOR REFERENCE ONLY. THE FIELD LOCATION SHALL BE COORDINATED WITH IDOT'S TRAFFIC OPERATIONS MANAGER PRIOR TO INSTALLATION.
4. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 2 FOOT MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES OR EXISTING PAVEMENT.
5. ALL POSTS, HANDHOLE LIDS AND RINGS, HANDHOLE FRAMES, AND CONTROLLER CABINETS SHALL BE GROUNDED IN ACCORDANCE WITH NEC REQUIREMENTS.
6. ALL SURPLUS MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.
7. POST MOUNTED SIGNAL HEADS WILL BE INSTALLED SUCH THAT NO PART OF THE SIGNAL HEAD IS WITHIN TWO (2) FEET OF THE FACE OF CURB.
8. ALL CABLES SHALL RUN TO THE CONTROLLER. NO SPLICING SHALL BE ALLOWED, EXCEPT AS SHOWN.
9. THE COST FOR REMOVING EXISTING TRAFFIC SIGNAL ITEMS SHALL BE INCLUDED IN THE COST OF THE PROPOSED ITEMS.
10. PEDESTRIAN PUSH BUTTONS SIGNS SHALL BE CONSTRUCTED FROM TYPE ZZ SHEETING.
11. THE APS SHALL INCLUDE A CENTRAL CONTROL UNIT THAT IS USED TO CONNECT TO THE INDIVIDUAL FIELD BUTTONS. THE CENTRAL CONTROL UNIT SHALL BE INSTALLED INSIDE THE TRAFFIC SIGNAL CABINET AND INCLUDE ETHERNET CONNECTIVITY AND REMOTE MANAGEMENT CAPABILITIES. INDIVIDUAL APS BUTTONS SHALL COMMUNICATE WITH THE CENTRAL CONTROL UNIT VIA BLUETOOTH, WIRELESS MESH NETWORK CONNECTIVITY, OR COMMUNICATIONS OVER COPPER. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF THE PAY ITEM ACCESSIBLE PEDESTRIAN SIGNALS.

SCHEDULE OF QUANTITIES

PAY ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	US-24 MCCLUGAGE	US-24 WILMOR RD
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	69	-	69
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1289	-	1289
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	664	-	664
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1953	-	1953
TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	4	-	4
CONCRETE FOUNDATION, TYPE A	FOOT	12	-	12
DRILL EXISTING HANDHOLE	EACH	8	-	8
RELOCATE EXISTING SIGNAL HEAD	EACH	4	-	4
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8	-	8
PEDESTRIAN PUSH-BUTTON POST	EACH	4	-	4
VIDEO VEHICLE DETECTION SYSTEM, 3 CAMERA	EACH	1	1	-
VIDEO VEHICLE DETECTION SYSTEM, 4 CAMERA	EACH	1	-	1
REBUILD EXISTING HANDHOLE (SPECIAL)	EACH	2	-	2

HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
878001-11	CONCRETE FOUNDATION DETAILS



R10-03E

SIGN DETAILS

MODEL: General Notes (Sheet)
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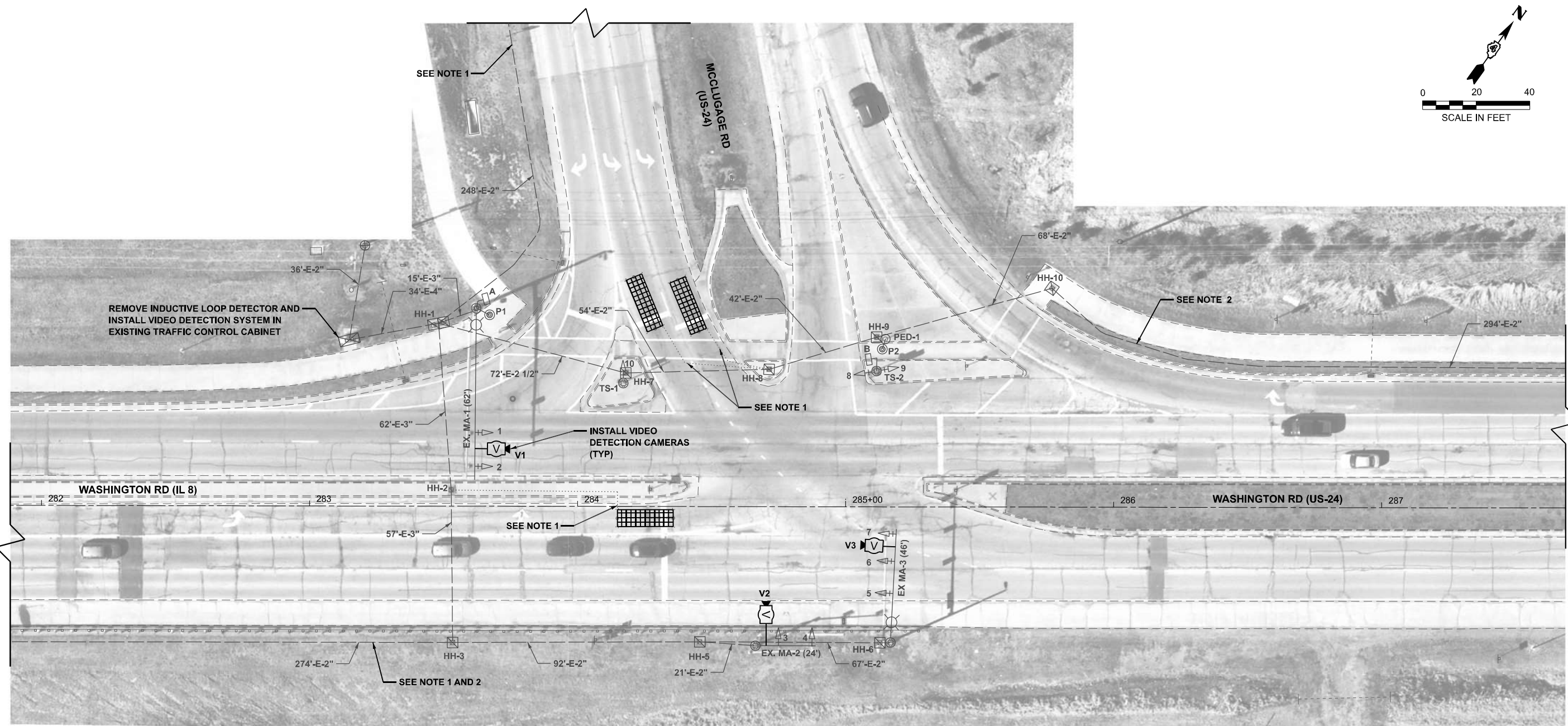
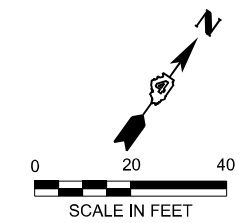
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL
GENERAL NOTES, SCHEDULE, AND DETAILS**

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	62
CONTRACT NO. 68J41				
ILLINOIS FED. AID PROJECT				





REMOVE INDUCTIVE LOOP DETECTOR AND INSTALL VIDEO DETECTION SYSTEM IN EXISTING TRAFFIC CONTROL CABINET

INSTALL VIDEO DETECTION CAMERAS (TYP)

BILL OF MATERIALS

PAY ITEM DESCRIPTION	UNIT	QUANTITY
VIDEO VEHICLE DETECTION SYSTEM, 3 CAMERA	EACH	1

LEGEND

-  VIDEO DETECTION CAMERA
-  VIDEO DETECTION ZONE

NOTES:

1. EXISTING DETECTOR LOOPS AND LEAD-IN CABLES TO BE ABANDONED IN PLACE.
2. EXISTING CONDUIT AND HANDHOLES TO REMAIN IN PLACE.
3. PROPOSED VIDEO DETECTION CAMERAS TO BE INSTALLED WITH 5 FOOT BRACKETS AND CENTERED OVER EACH APPROACH.

MODEL: TS - McClugage TS (Sheet) FILE NAME: S:\2023\231068 - PTB 203-23 D4 - TMM - Various PH II IIIWVO 3 US 24 ADA Rampas\CADD\CADD Sheets\468141-Sht-1-TS-McClugage.dgn



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	DATE -	REVISED -

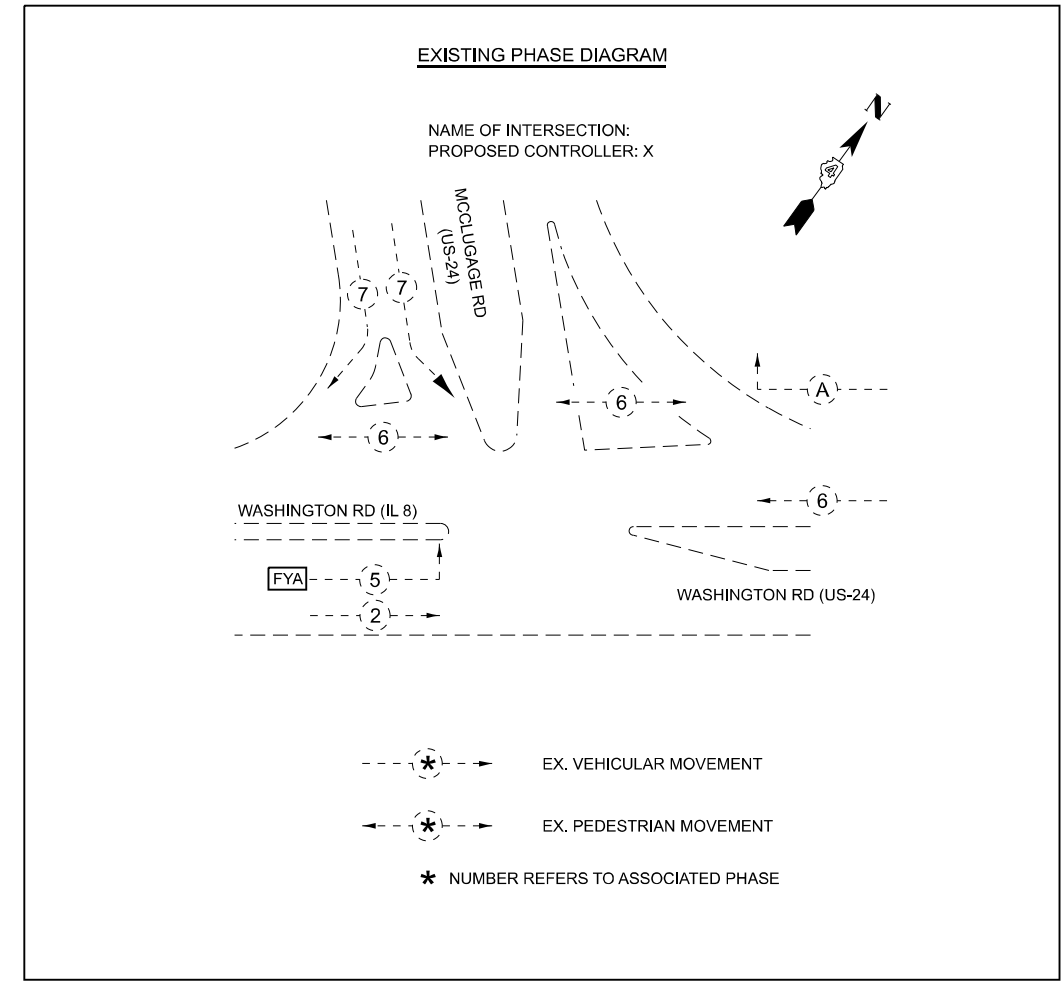
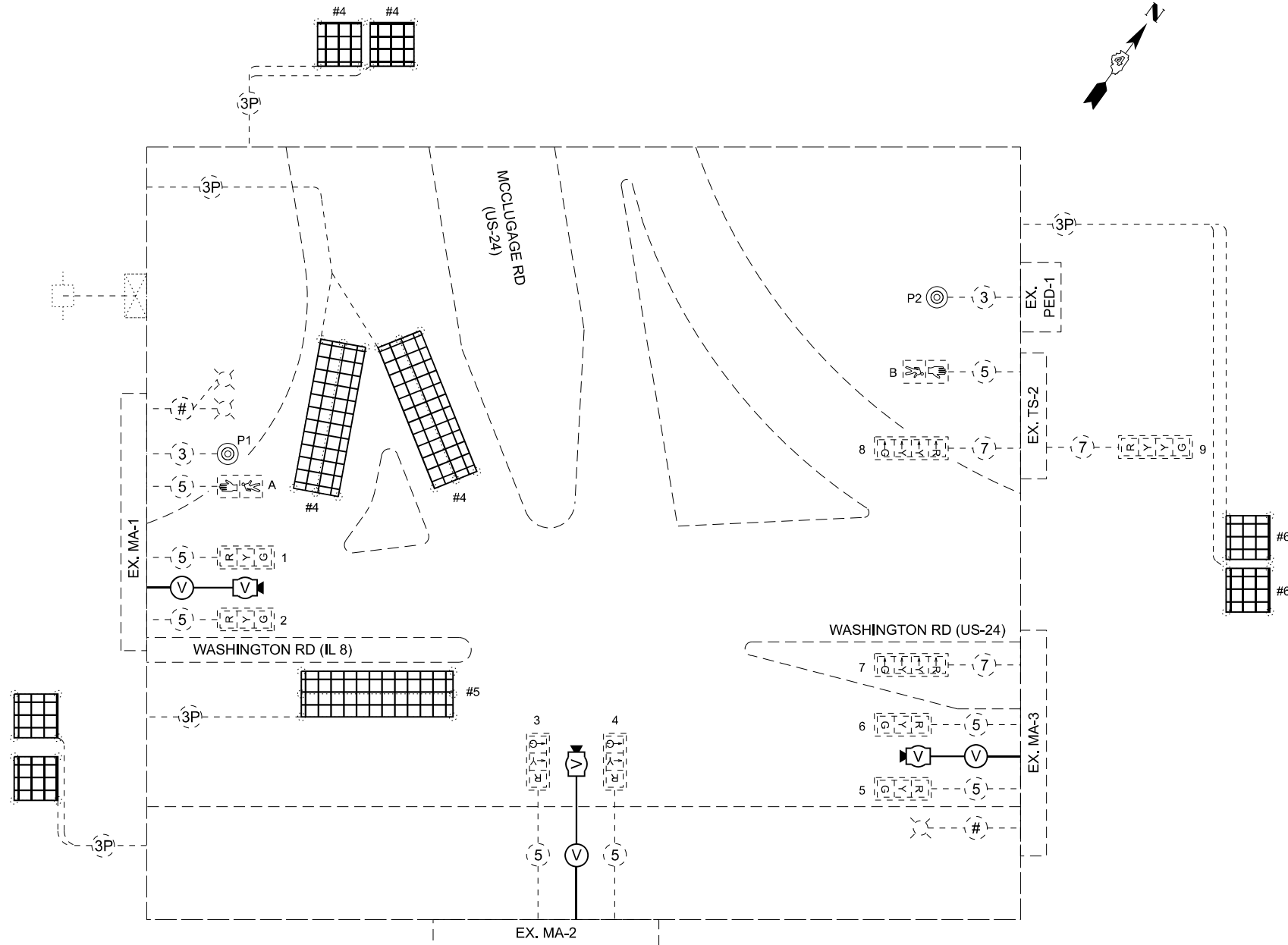
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL PLAN
WASHINGTON RD AT MCCLUGAGE RD**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	63
CONTRACT NO. 68J41				
ILLINOIS FED. AID PROJECT				

MODEL: US24 McCluggage - US24 McCluggage - US24 ADA Ramps/CADD Sheets/D468141-Sht-1-TS-CablePlan-McCluggage.dgn
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TRAFFIC SIGNALS LEGEND

	EX. TRAFFIC SIGNAL CONTROLLER CABINET		EX. PEDESTRIAN SIGNAL HEAD
	EX. SERVICE POLE		EX. PUSHBUTTON
	EX. DETECTOR LOOP		EX. 3/C NO. 14 SIGNAL CABLE
	EX. QUADRAPOLE DETECTOR LOOP		EX. 5/C NO. 14 SIGNAL CABLE
	EX. ROADWAY LUMINAIRE		EX. 7/C NO. 14 SIGNAL CABLE
	EX. 3 SEC. SIGNAL HEAD W/ BACKPLATE		EX. NO. 18 3-PR DETECTOR LOOP CABLE
	EX. 4 SEC. SIGNAL HEAD W/ BACKPLATE		EX. 2/C + BARE COPPER
	PR. VIDEO DETECTION ZONE W/ PHASE NUMBER		PR. VIDEO DETECTION SYSTEM CABLE
	PR. VIDEO DETECTION CAMERA		



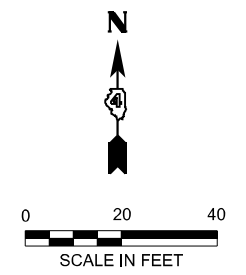
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CABLE PLAN
WASHINGTON RD AT MCCLUGGAGE RD**

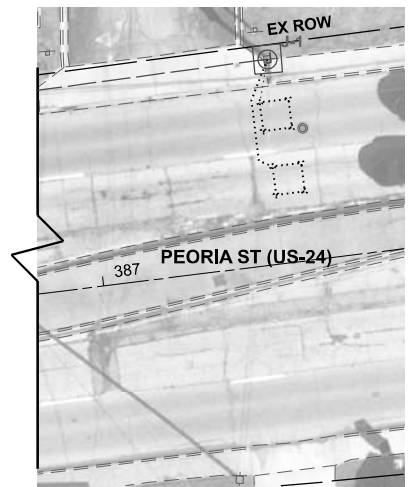
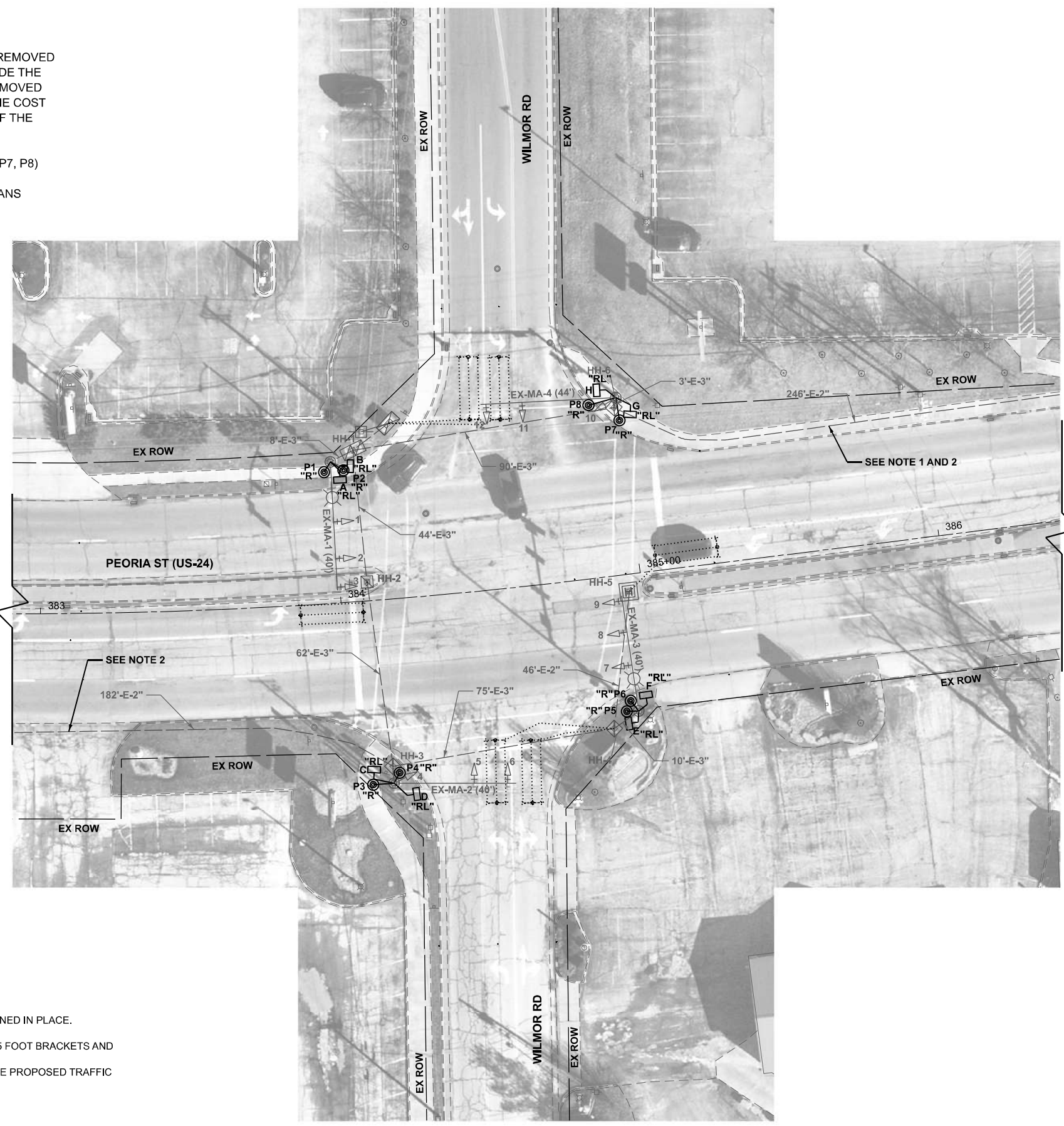
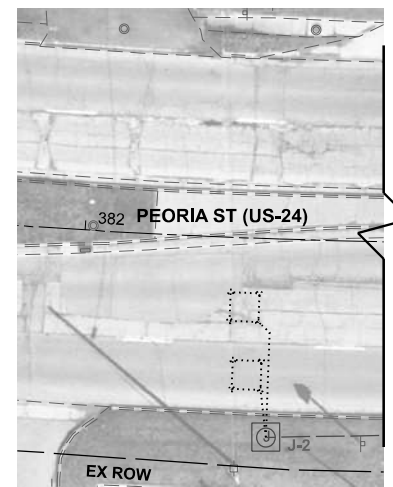
SCALE: NTS SHEET OF 2 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	64
CONTRACT NO. 68J41				
ILLINOIS FED. AID PROJECT				



THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE. THE COST OF REMOVING EXISTING ITEMS SHALL BE INCLUDED IN THE COST OF THE PROPOSED ITEMS.

- 8 EACH PEDESTRIAN PUSHBUTTON (P1, P2, P3, P4, P5, P6, P7, P8)
- 1 EACH INDUCTIVE LOOP DETECTOR
- ALL ELECTRIC CABLE NOT USED IN PROPOSED PLANS



NOTES:

1. EXISTING DETECTOR LOOPS AND LEAD-IN CABLES TO BE ABANDONED IN PLACE.
2. EXISTING CONDUIT AND HANDHOLES TO REMAIN IN PLACE.
3. PROPOSED VIDEO DETECTION CAMERAS TO BE INSTALLED WITH 5 FOOT BRACKETS AND CENTERED OVER EACH APPROACH.
4. EXISTING PEDESTRIAN SIGNAL HEADS WILL BE RELOCATED TO THE PROPOSED TRAFFIC SIGNAL POSTS.

LEGEND

- EX. TS CONTROLLER CABINET
- EX. DOUBLE HANDHOLE
- EX. HANDHOLE
- EX. HEAVY DUTY HANDHOLE
- EX. MAST ARM ASSEMBLY AND POLE
- EX. TRAFFIC SIGNAL POST
- EX. LIGHT POLE
- EX. QUADRAPOLE DETECTOR LOOP
- EX. DETECTOR LOOP
- EX. CONDUIT
- "R" REMOVAL ITEM
- "RL" RELOCATED ITEM

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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

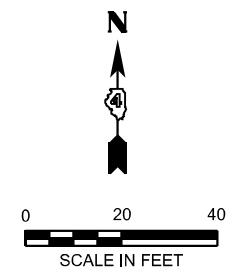
**EXISTING TRAFFIC SIGNAL AND REMOVAL PLAN
PEORIA ST (US-24) AT WILMOR RD**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
[35RS-10;(35NRM)RS-1]SW		TAZEWELL	77	65
CONTRACT NO. 68J41				
ILLINOIS FED. AID PROJECT				

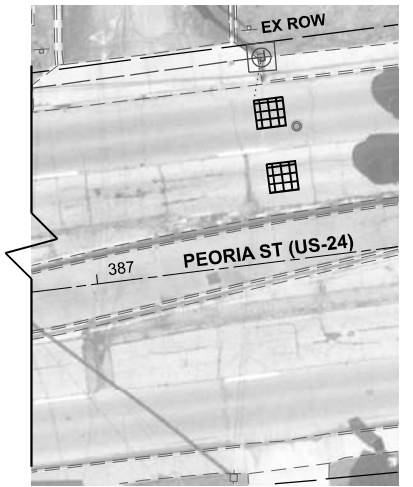
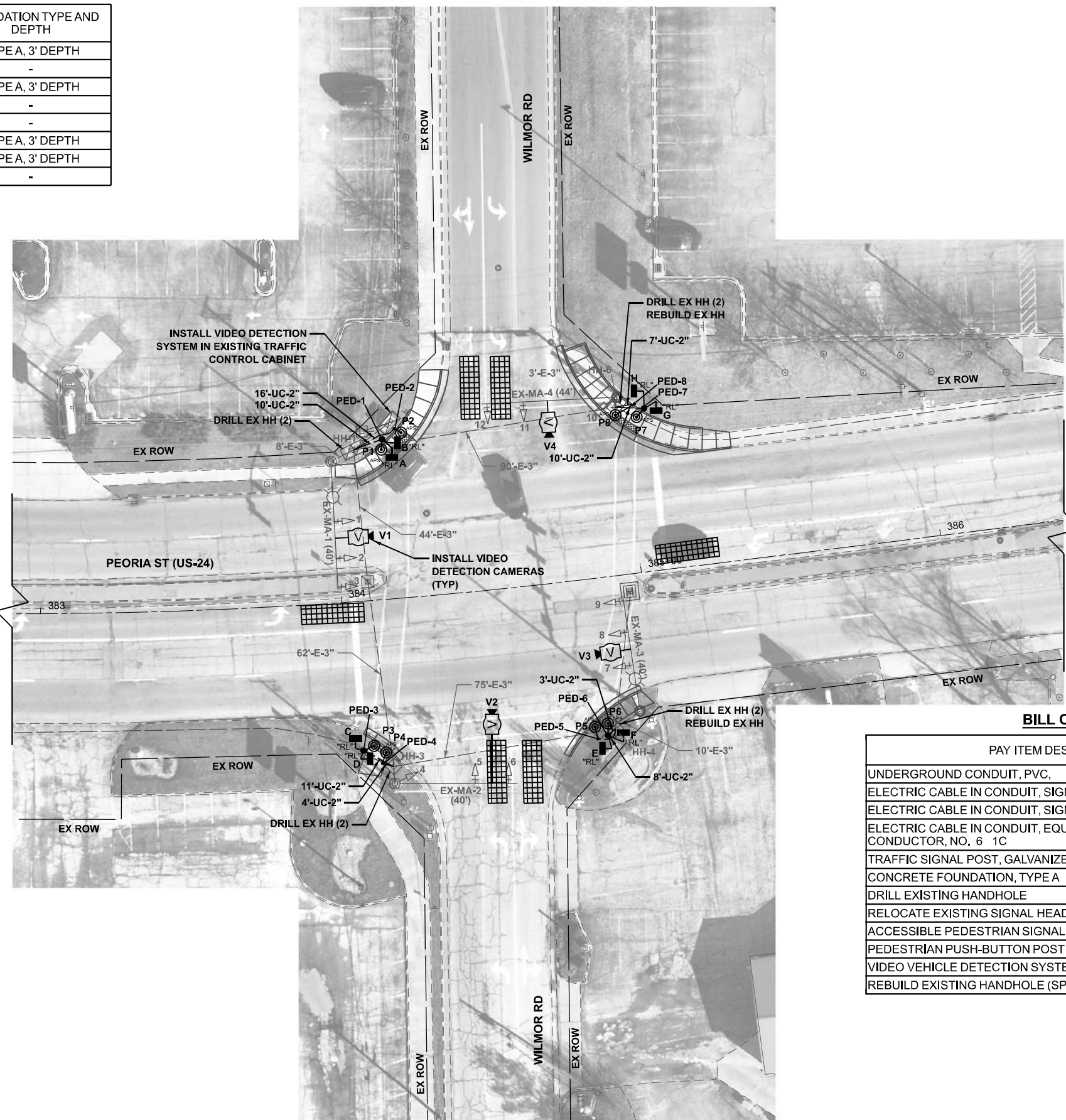
ACCESSIBLE PEDESTRIAN SIGNAL (APS) SCHEDULE

NO.	STA.	O/S	DESCRIPTION	FOUNDATION TYPE AND DEPTH
PED-1	384+17.63	53.16' LT	TS POST GALVS 10'	TYPE A, 3' DEPTH
PED-2	384+22.13	56.28' LT	PED PUSHBUTTON POST	-
PED-3	384+03.74	49.50' RT	TS POST GALVS 10'	TYPE A, 3' DEPTH
PED-4	384+09.47	54.15' RT	PED PUSHBUTTON POST	-
PED-5	384+79.07	53.02' RT	PED PUSHBUTTON POST	-
PED-6	384+82.44	52.29' RT	TS POST GALVS 10'	TYPE A, 3' DEPTH
PED-7	385+07.56	53.96' LT	TS POST GALVS 10'	TYPE A, 3' DEPTH
PED-8	385+04.54	55.84' LT	PED PUSHBUTTON POST	-



ACCESSIBLE PEDESTRIAN SIGNAL (APS) SCHEDULE

NO.	QTY	LOCATION
P1	1	PED-1 (NW QUAD)
P2	1	PED-2 (NW QUAD)
P3	1	PED-3 (SW QUAD)
P4	1	PED-4 (SW QUAD)
P5	1	PED-5 (SE QUAD)
P6	1	PED-6 (SE QUAD)
P7	1	PED-7 (NE QUAD)
P8	1	PED-8 (NE QUAD)



LEGEND

- VIDEO DETECTION CAMERA
- VIDEO DETECTION ZONE
- TRAFFIC SIGNAL POST/PED. PUSH BUTTON POST
- PEDESTRIAN PUSH BUTTON (APS)
- EXISTING PEDESTRIAN SIGNAL HEAD (RELOCATED)
- PROPOSED CABLE IN CONDUIT

BILL OF MATERIALS

PAY ITEM DESCRIPTION	UNIT	QUANTITY
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	69
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1289
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	664
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1953
TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	4
CONCRETE FOUNDATION, TYPE A	FOOT	12
DRILL EXISTING HANDHOLE	EACH	8
RELOCATE EXISTING SIGNAL HEAD	EACH	4
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
PEDESTRIAN PUSH-BUTTON POST	EACH	4
VIDEO VEHICLE DETECTION SYSTEM, 4 CAMERA	EACH	1
REBUILD EXISTING HANDHOLE (SPECIAL)	EACH	2

MODEL: Wilmore.TS
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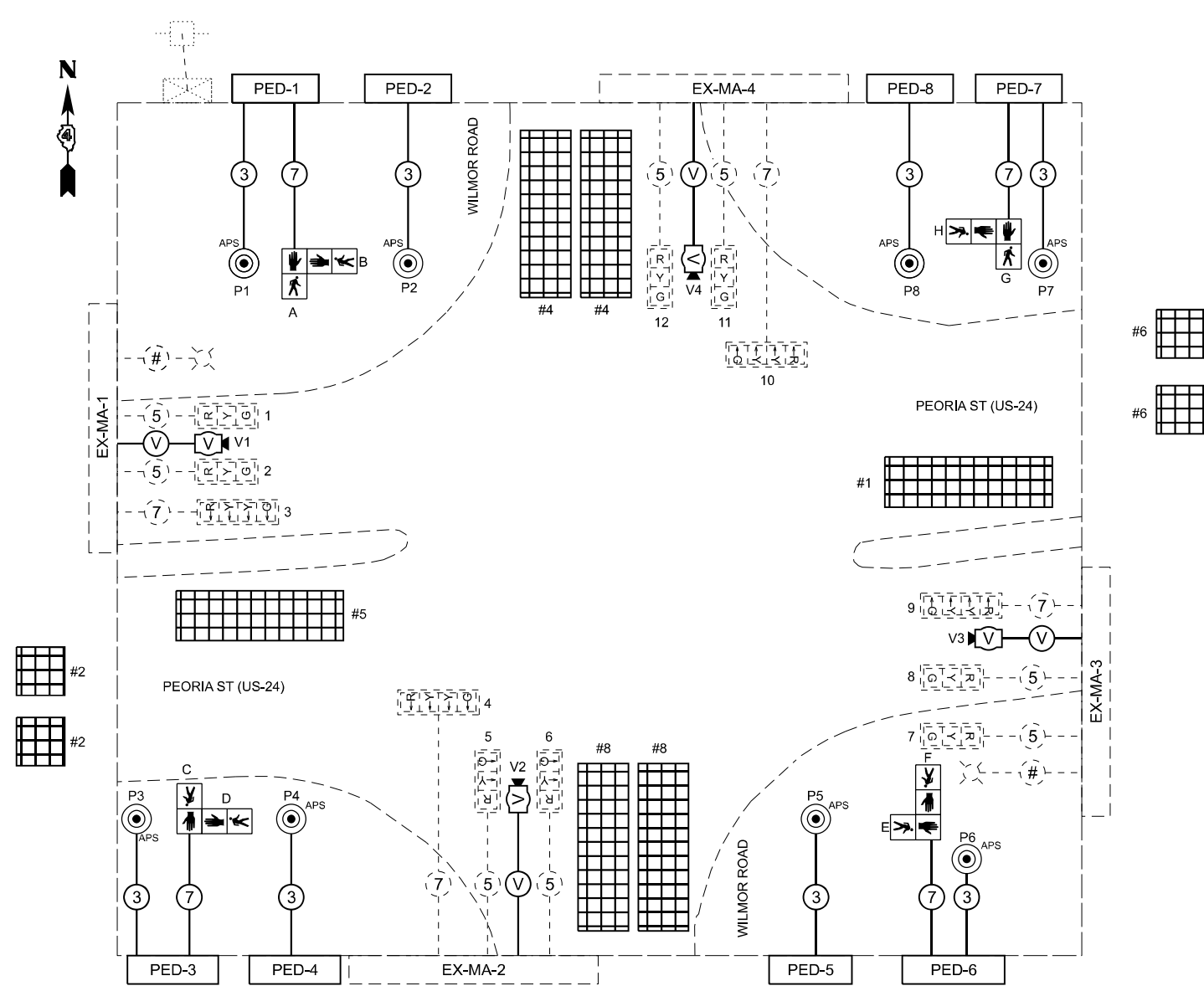
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL PLAN
PEORIA ST (US-24) AT WILMOR RD**

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

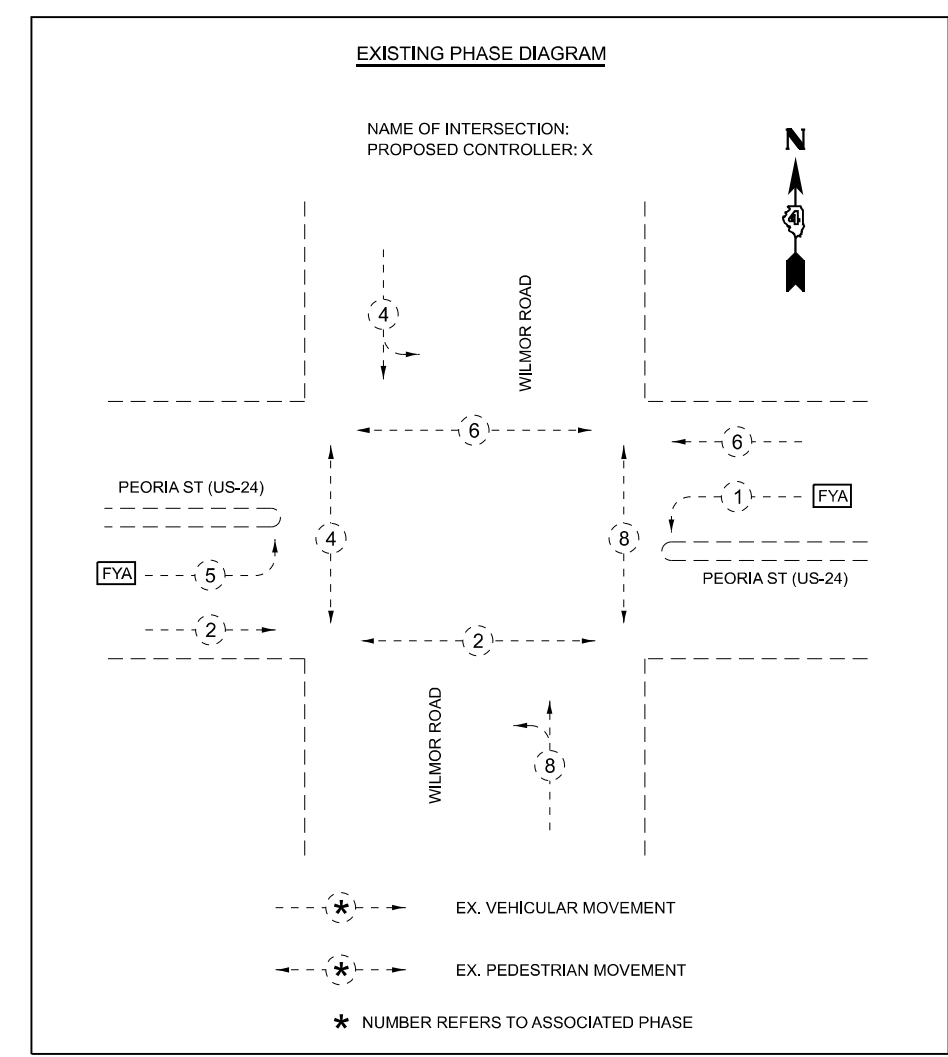
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	66
CONTRACT NO. 68J41				
ILLINOIS		FED. AID PROJECT		

MODEL: Wilmor Cable Plan [Sheet]
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TRAFFIC SIGNALS LEGEND

	EX. TRAFFIC SIGNAL CONTROLLER CABINET		EX. PEDESTRIAN SIGNAL HEAD		PR. PEDESTRIAN SIGNAL HEAD
	EX. SERVICE POLE		EX. PUSHBUTTON		PR. PUSHBUTTON (APS)
	EX. DETECTOR LOOP		EX. 3/C NO. 14 SIGNAL CABLE		
	EX. QUADRAPOLE DETECTOR LOOP		EX. 5/C NO. 14 SIGNAL CABLE		
	EX. ROADWAY LUMINAIRE		EX. 7/C NO. 14 SIGNAL CABLE		
	EX. 3 SEC. SIGNAL HEAD W/ BACKPLATE		EX. NO. 18 3-PR DETECTOR LOOP CABLE		
	EX. 4 SEC. SIGNAL HEAD W/ BACKPLATE		EX. 2/C + BARE COPPER		
	PR. VIDEO DETECTION ZONE W/ PHASE NUMBER		PR. VIDEO DETECTION SYSTEM CABLE		
	PR. VIDEO DETECTION CAMERA		PR. X/C NO. 14 SIGNAL CABLE		
			PR. X/C NO. 14 SIGNAL CABLE		



USER NAME = afarooqi
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 PLOT DATE = 7/3/2024

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 CHECKED - JA
 DATE -

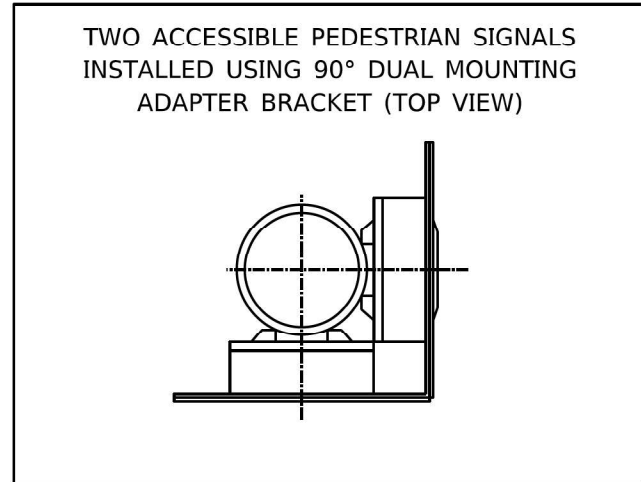
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

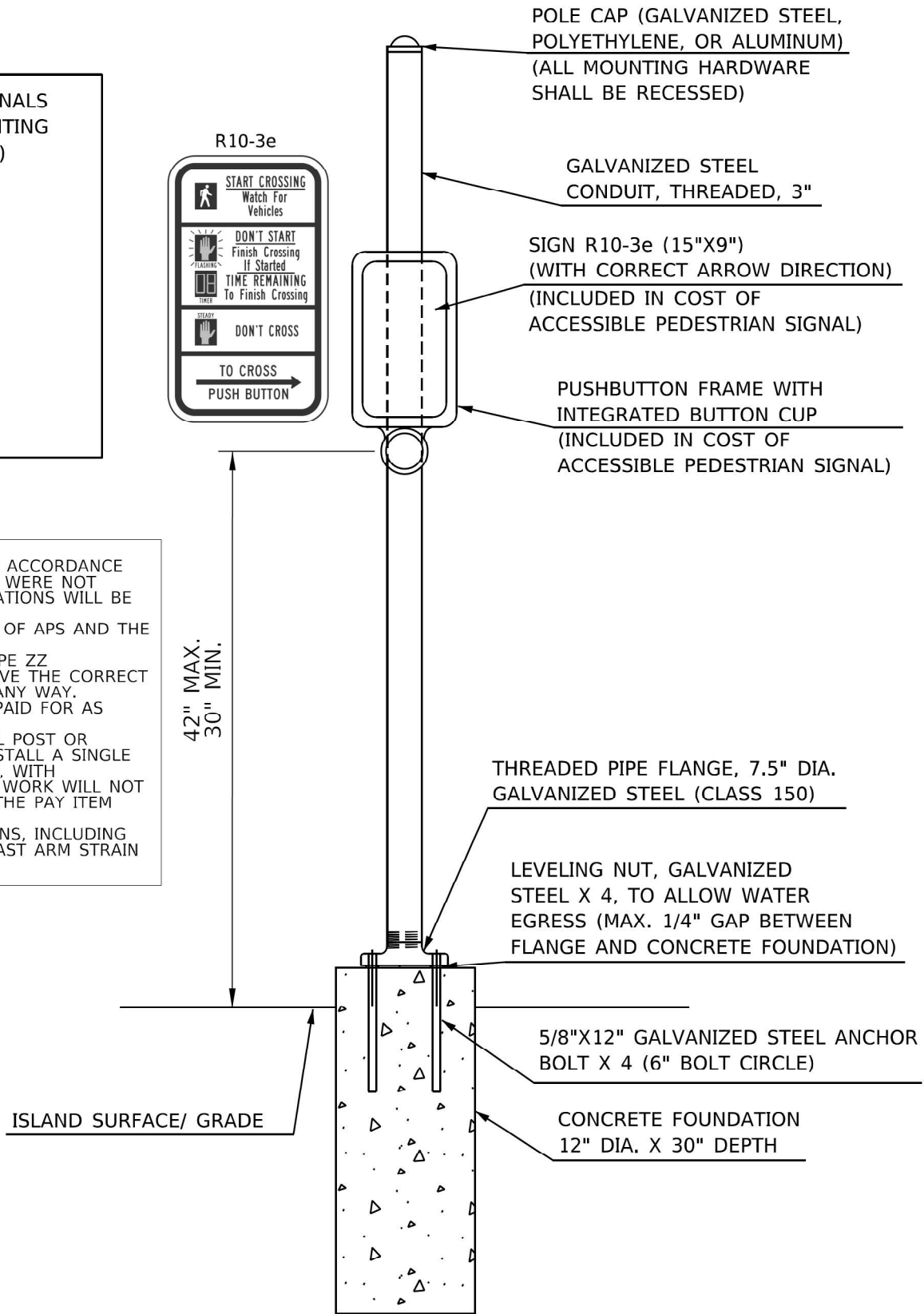
CABLE PLAN
 PEORIA ST (US-24) AT WILMOR RD

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 68J41				
ILLINOIS FED. AID PROJECT				

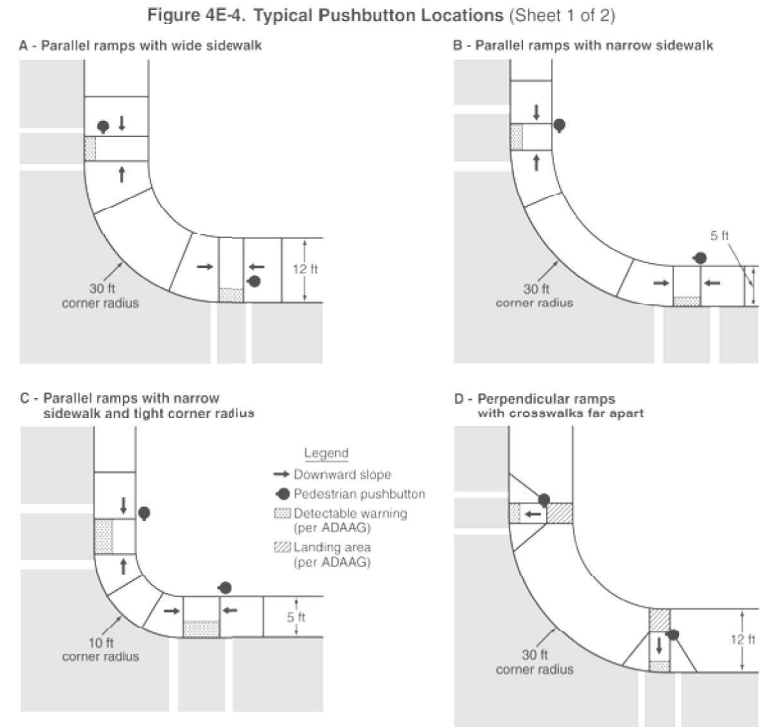


- NOTES:
1. ACCESSIBLE PEDESTRIAN SIGNAL (APS) PUSHBUTTONS SHALL BE LOCATED IN ACCORDANCE WITH THE 2009 MUTCD. THE COST TO MODIFY OR RELOCATE ANY APS THAT WERE NOT INSTALLED ACCORDING TO MUTCD REQUIREMENTS AND CONTRACT SPECIFICATIONS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
 2. FOR ALL INSTALLATIONS, THE REACH RANGE (DISTANCE BETWEEN THE FACE OF APS AND THE CLEAR SPACE) SHALL NOT EXCEED 10 INCHES.
 3. PEDESTRIAN PUSHBUTTON SIGN (R10-3E) SHALL BE CONSTRUCTED USING TYPE ZZ RETROREFLECTIVE SHEETING IN ACCORDANCE WITH ART. 1091.03, SHALL HAVE THE CORRECT ARROW ORIENTATION AT EACH LOCATION AND SHALL NOT BE MODIFIED IN ANY WAY.
 4. THE PEDESTRIAN PUSH-BUTTON POSTS DETAILED ON THIS SHEET SHALL BE PAID FOR AS "PEDESTRIAN PUSH-BUTTON POST."
 5. FOR LOCATIONS WITH TWO APS PUSHBUTTONS ON A SINGLE TRAFFIC SIGNAL POST OR PEDESTRIAN PUSH-BUTTON POST, THE CONTRACTOR SHALL FURNISH AND INSTALL A SINGLE MOUNTING BRACKET THAT HOUSES BOTH PEDESTRIAN PUSHBUTTON FRAMES, WITH INTEGRATED CUPS, AT A 90° ANGLE FROM EACH OTHER. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE BID PRICE FOR THE PAY ITEM ACCESSIBLE PEDESTRIAN SIGNALS.
 6. THESE REQUIREMENTS APPLY TO ALL PEDESTRIAN PUSHBUTTON INSTALLATIONS, INCLUDING PEDESTRIAN PUSH-BUTTON POST, TRAFFIC SIGNAL POST, LIGHT POLE AND MAST ARM STRAIN POLE INSTALLATIONS.



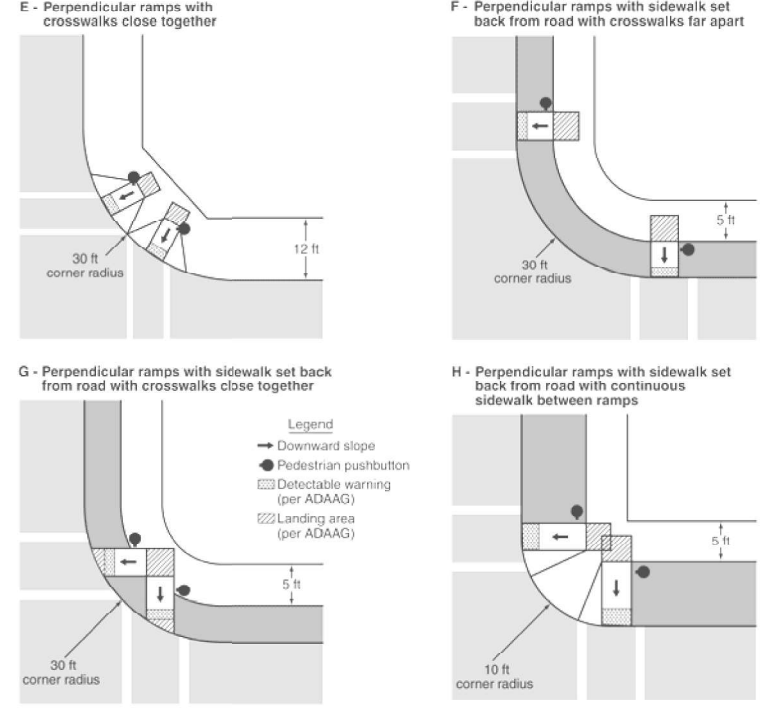
PEDESTRIAN PUSH-BUTTON POST

2009 MUTCD TYPICAL PUSHBUTTON LOCATIONS



- Notes:
1. This figure is not drawn to scale.
 2. These drawings are intended to describe the typical locations for pedestrian pushbutton installations. They are not intended to be a guide for the design of curb cut ramps.
 3. Figure 4E-3 shows the recommended area for pushbutton locations.

Figure 4E-4. Typical Pushbutton Locations (Sheet 2 of 2)



- Notes:
1. This figure is not drawn to scale.
 2. These drawings are intended to describe the typical locations for pedestrian pushbutton installations. They are not intended to be a guide for the design of curb cut ramps.
 3. Figure 4E-3 shows the recommended area for pushbutton locations.

NOT TO SCALE

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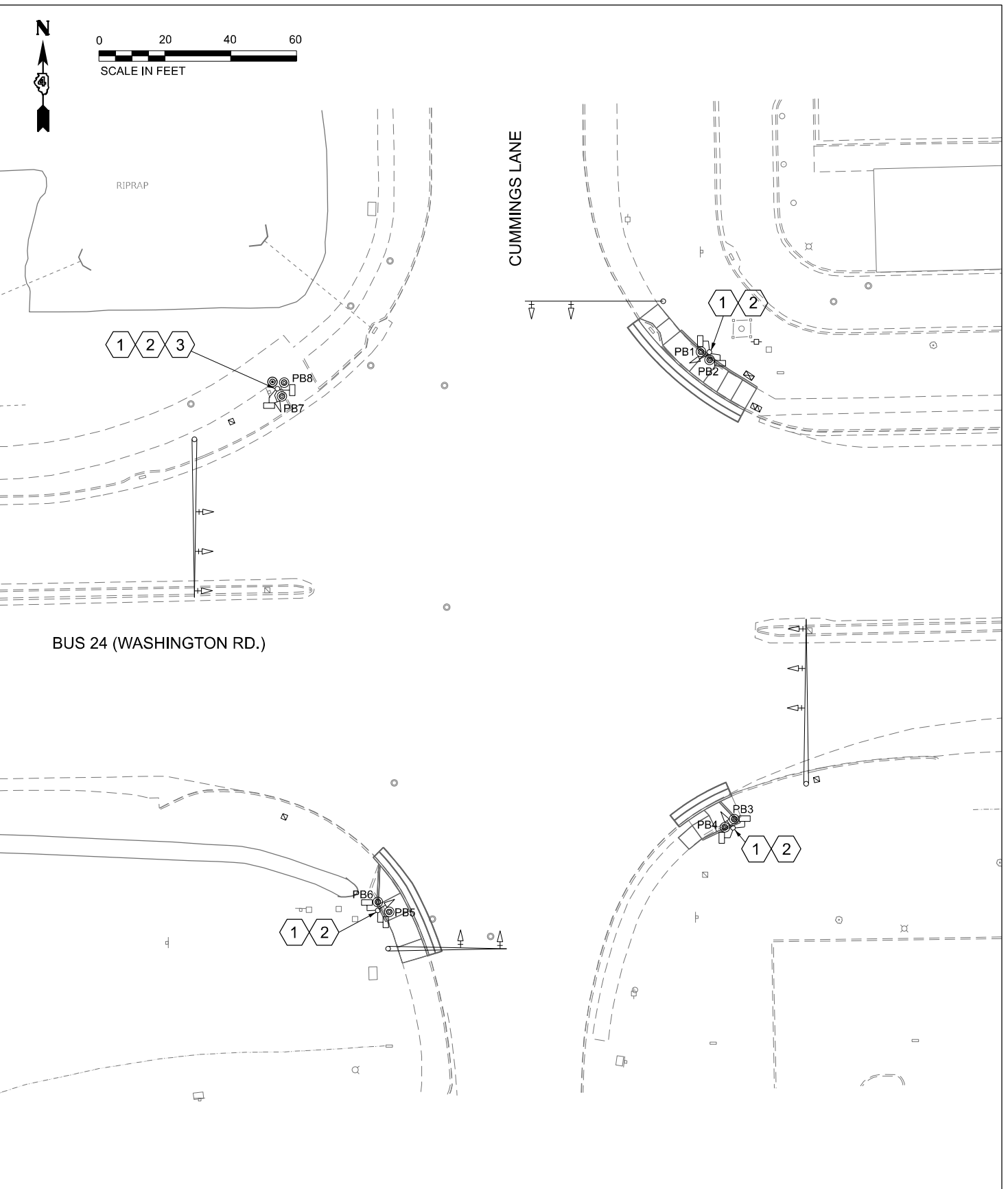
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	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PEDESTRIAN PUSH-BUTTON POST DETAIL

SCALE: SHEET OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	68
CONTRACT NO. 68J41				
ILLINOIS FED. AID PROJECT				



LEGEND

- 1 REMOVE EXISTING PEDESTRIAN CROSSING SIGN PANELS AND INSTALL NEW R10-3 SIGN PANELS ABOVE THE PUSH BUTTONS. TWO (2) PANELS PER QUADRANT, ONE (1) POINTING LEFT AND ONE (1) POINTING RIGHT, CORRESPONDING TO THE ASSOCIATED CROSSWALK.
- 2 RELOCATE EXISTING PEDESTRIAN PUSH-BUTTONS VERTICALLY ON SIGNAL POST TO POSITION THEM AT A MAXIMUM HEIGHT OF 42" ABOVE THE FINISHED TRAVERSABLE SIDEWALK SURFACE. SEE NOTE 1 AND DETAILED PUSH-BUTTON RELOCATION INFORMATION.
- 3 RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON ON SOUTHEAST SIDE OF SIGNAL POST TO NORTHWEST SIDE.
- ⊙ EXISTING PUSH-BUTTON TO BE RELOCATED
- ⊙ PROPOSED LOCATION OF RELOCATED PUSH-BUTTON PB7

BILL OF MATERIALS		
BUS 24 (WASHINGTON RD.) & CUMMINGS LANE		
ITEM DESCRIPTION	UNIT	QTY.
REMOVE SIGN PANEL - TYPE 1	SQ FT	6.0
SIGN PANEL - TYPE 1	SQ FT	6.0
RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	EACH	8

PEDESTRIAN CROSSING SIGN DETAIL (RIGHT ARROW) PEDESTRIAN CROSSING SIGN DETAIL (LEFT ARROW)



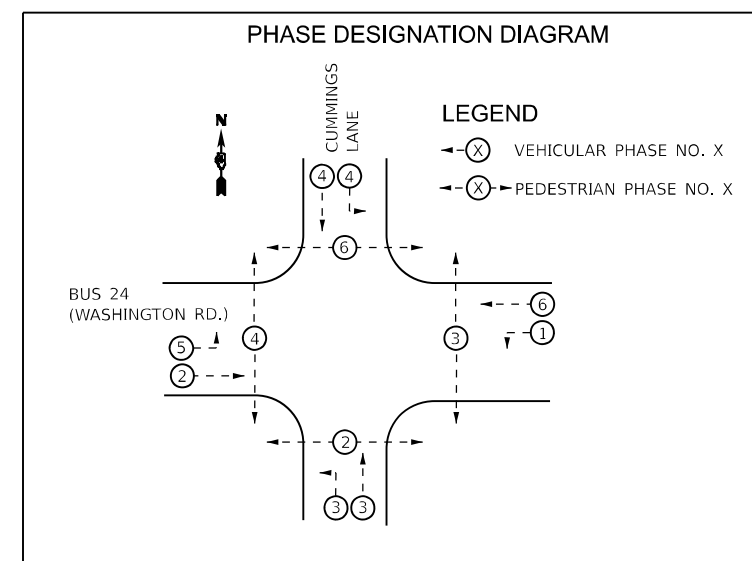
4 REQUIRED
PEDESTRIAN PUSH-BUTTON SIGN
MUTCD R10-3 (RIGHT)
9" X 12" = 0.75 SQ FT



4 REQUIRED
PEDESTRIAN PUSH-BUTTON SIGN
MUTCD R10-3 (LEFT)
9" X 12" = 0.75 SQ FT

DETAILED PUSH-BUTTON RELOCATION INFORMATION

PUSH-BUTTON	LOCATION AND PHASE	PROPOSED RELOCATION
PB1	NORTHEAST QUADRANT, CALLING PHASE 3	MOVE BUTTON DOWN BY APPROXIMATELY 0.70' TO BE 36" FROM PROPOSED FINISHED GRADE OF TRAVERSABLE SIDEWALK.
PB2	NORTHEAST QUADRANT, CALLING PHASE 6	MOVE BUTTON DOWN BY APPROXIMATELY 0.70' TO BE 36" FROM PROPOSED FINISHED GRADE OF TRAVERSABLE SIDEWALK.
PB3	SOUTHEAST QUADRANT, CALLING PHASE 3	MOVE BUTTON DOWN BY APPROXIMATELY 0.68' TO BE 36" FROM PROPOSED FINISHED GRADE OF TRAVERSABLE SIDEWALK.
PB4	SOUTHEAST QUADRANT, CALLING PHASE 3	MOVE BUTTON DOWN BY APPROXIMATELY 0.68' TO BE 36" FROM PROPOSED FINISHED GRADE OF TRAVERSABLE SIDEWALK.
PB5	SOUTHWEST QUADRANT, CALLING PHASE 4	MOVE BUTTON DOWN BY APPROXIMATELY 0.70' TO BE 36" FROM PROPOSED FINISHED GRADE OF TRAVERSABLE SIDEWALK.
PB6	SOUTHWEST QUADRANT, CALLING PHASE 2	MOVE BUTTON DOWN BY APPROXIMATELY 0.70' TO BE 36" FROM PROPOSED FINISHED GRADE OF TRAVERSABLE SIDEWALK.
PB7	NORTHWEST QUADRANT, CALLING PHASE 6	RELOCATE BUTTON TO NORTHWEST SIDE OF SIGNAL POST. POSITION THE FACE OF THE BUTTON TO BE PARALLEL WITH THE NORTH CROSSWALK. MOVE BUTTON DOWN BY APPROXIMATELY 0.6' TO BE 36" FROM PROPOSED FINISHED GRADE OF TRAVERSABLE SIDEWALK. USE EXTENSION HARDWARE PER NOTE 2.
PB8	NORTHWEST QUADRANT, CALLING PHASE 4	MOVE BUTTON DOWN BY APPROXIMATELY 0.6' TO BE 36" FROM PROPOSED FINISHED GRADE OF TRAVERSABLE SIDEWALK.



NOTES

1. PUSH-BUTTON HEIGHT: PUSH BUTTONS SHALL BE LOCATED SUCH THAT THE CENTER OF THE BUTTON IS A MINIMUM OF 30" AND A MAXIMUM OF 42" ABOVE THE TRAVERSABLE SIDEWALK SURFACE.
2. PUSH-BUTTON REACHING DISTANCE: PUSH-BUTTONS SHALL BE LOCATED A MAXIMUM OF 10" HORIZONTALLY FROM THE TRAVERSABLE SIDEWALK SURFACE. IF NECESSARY, INSTALL EXTENSION HARDWARE TO LOCATE THE BUTTON CLOSER TO THE SIDEWALK.
3. RE-USE EXISTING 5C CABLE TO CONNECT TO THE PUSH-BUTTONS IN THEIR PROPOSED LOCATIONS.

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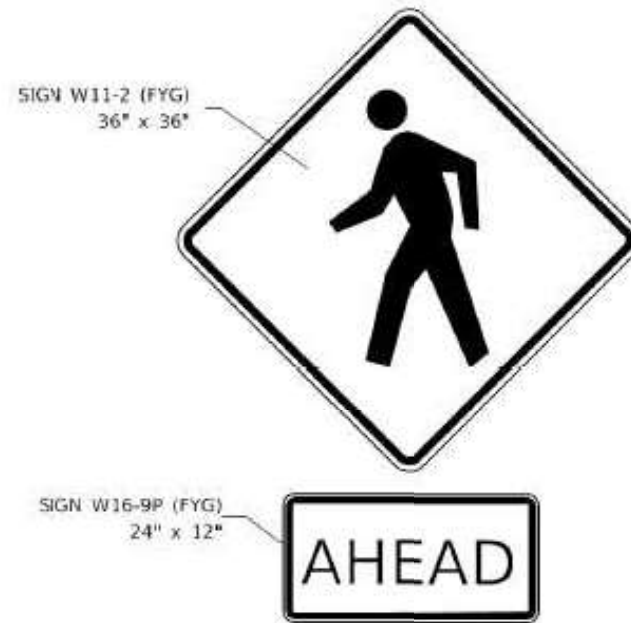
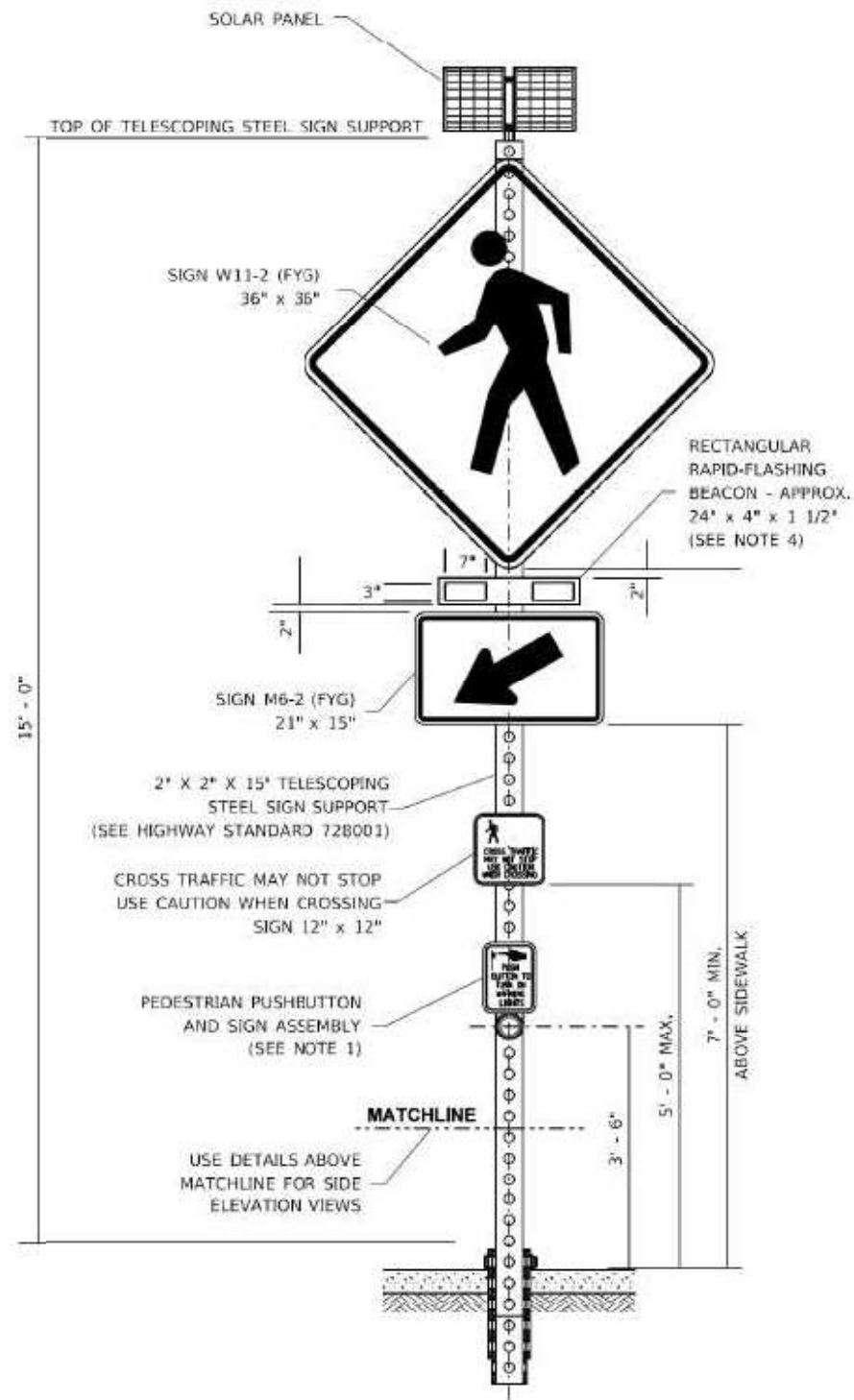
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CUMMINGS LN
ADA SIGNAL PLAN**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	69
CONTRACT NO. 68J41				
ILLINOIS FED. AID PROJECT				



ADVANCED WARNING SIGN ASSEMBLY



**CROSS TRAFFIC MAY NOT STOP
USE CAUTION WHEN CROSSING
SIGN (12" x 12")**

PEDESTRIAN SYMBOL HEIGHT - 4" (IN)

LETTERS - 1" C
LEGEND - BLACK
BACKGROUND - YELLOW

NOTES

- SEE THE SPECIAL PROVISIONS FOR RECTANGULAR RAPID FLASHING BEACON ASSEMBLY (COMPLETE) FOR FURTHER DETAILS.
- PEDESTRIAN CROSSING SIGNS, ARROW PLAQUES, AND RRFB SHALL BE INSTALLED FACING BOTH DIRECTIONS OF VEHICLE TRAFFIC ON EACH SIDE OF THE CROSSWALK.
- ONE ASSEMBLY INCLUDES ALL ITEMS NECESSARY TO PROVIDE SIGNING AND FLASHERS FACING BOTH DIRECTIONS OF VEHICLE TRAFFIC ON ONE SIDE OF THE CROSSWALK

MODEL: Detail FILE NAME: \\j00_900\Projects\2023\230984C - US 24 Reurfacing in Washington\4 CAD - DWG\4.7 TranSheets\0468\41_sht.dwg RRF.a.dgn



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LICENSE NO:
184-001220

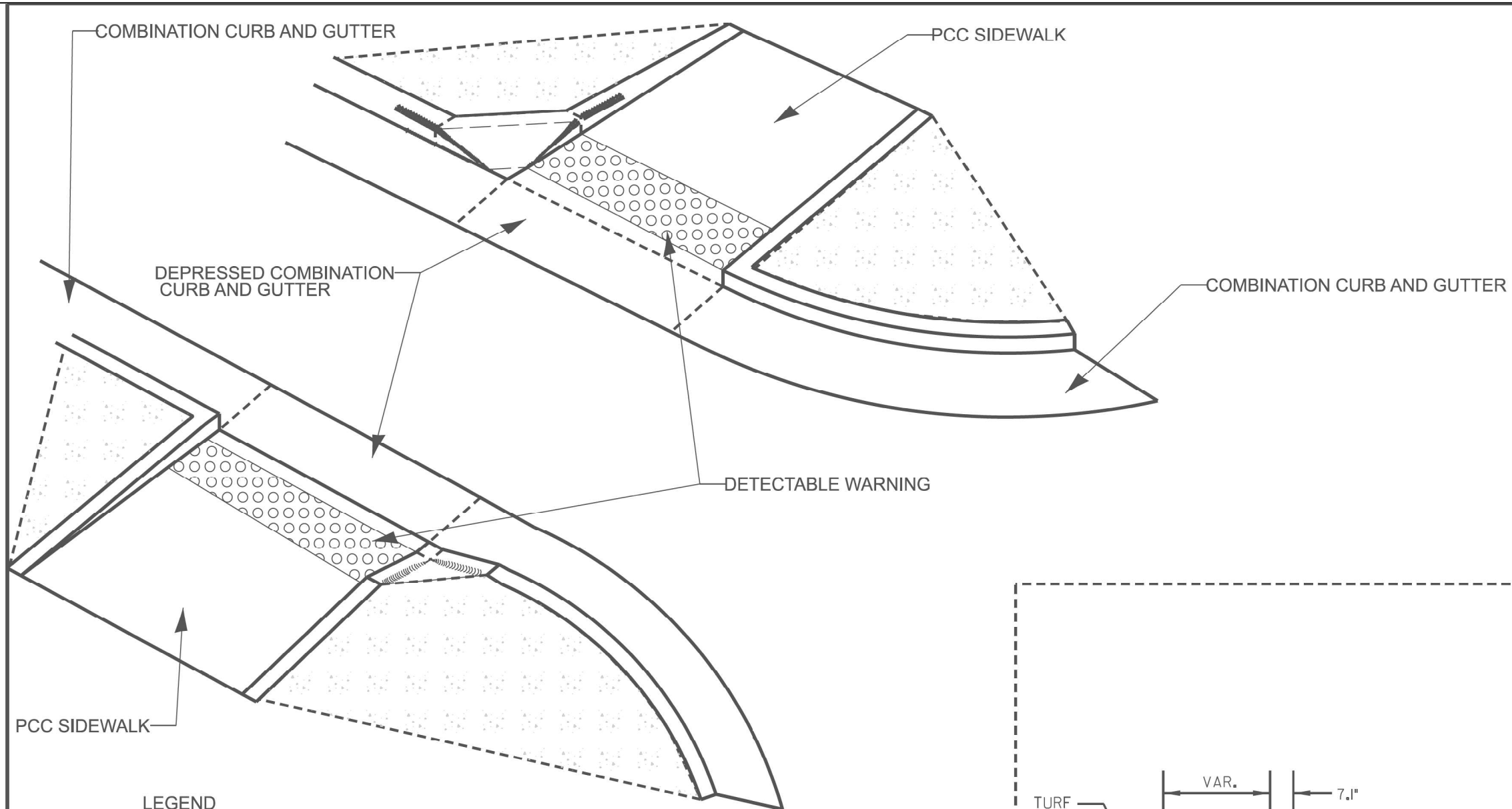
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RECTANGULAR RAPID FLASHING
BEACON CONSTRUCTION DETAILS**

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

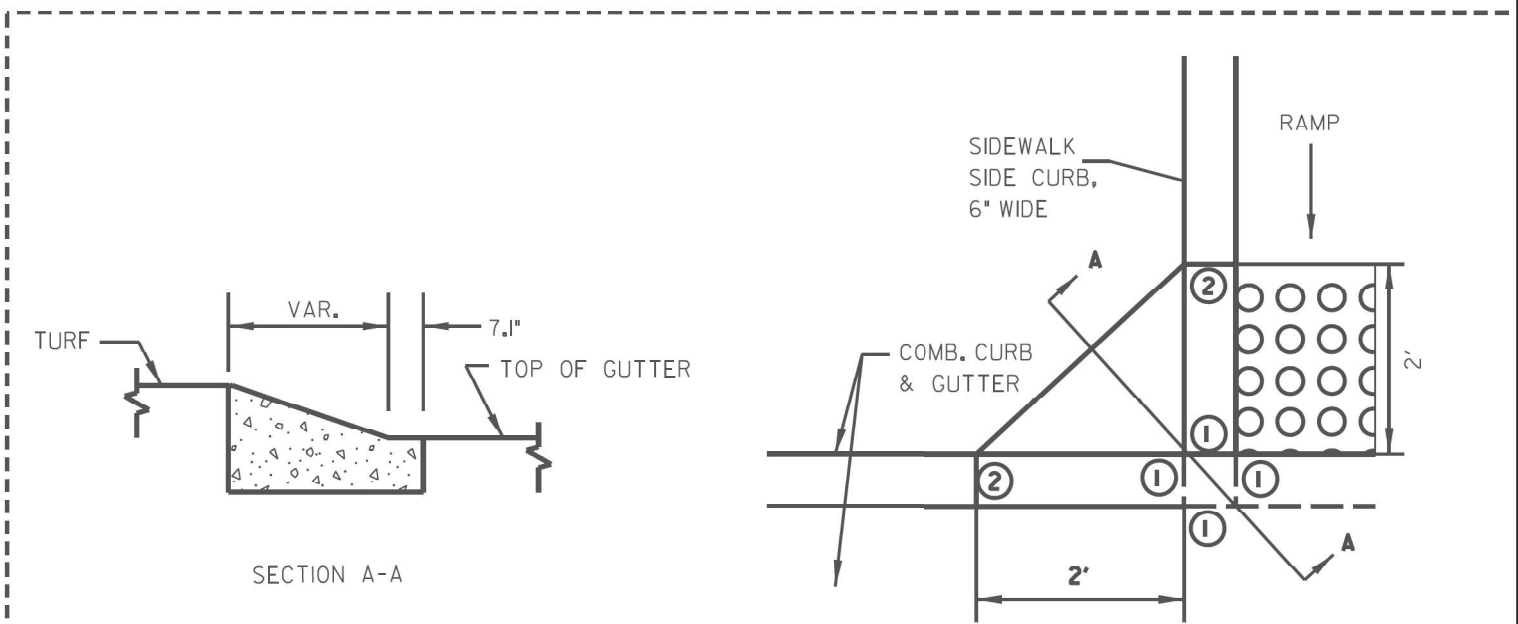
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399	[35RS-10;(35NRM)RS-1]SW	TAZEWELL	77	70
			CONTRACT NO. 68J41	
ILLINOIS FED. AID PROJECT				



LEGEND

	CONCRETE OR TURF
	SIDE CURB

NOTES:
 IF CONTRACTOR OR LOCAL AGENCY REQUESTS A VARIATION OF THE APPROACH NOSE, APPROVAL MUST BE MADE BY BOTH RESIDENT ENGINEER AND DISTRICT ADA COORDINATOR.
 ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED.



APPROACH NOSE DETAIL

- ① 0" CURB HEIGHT.
- ② FULL CURB HEIGHT.

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 PLOT DATE: 7/18/2024



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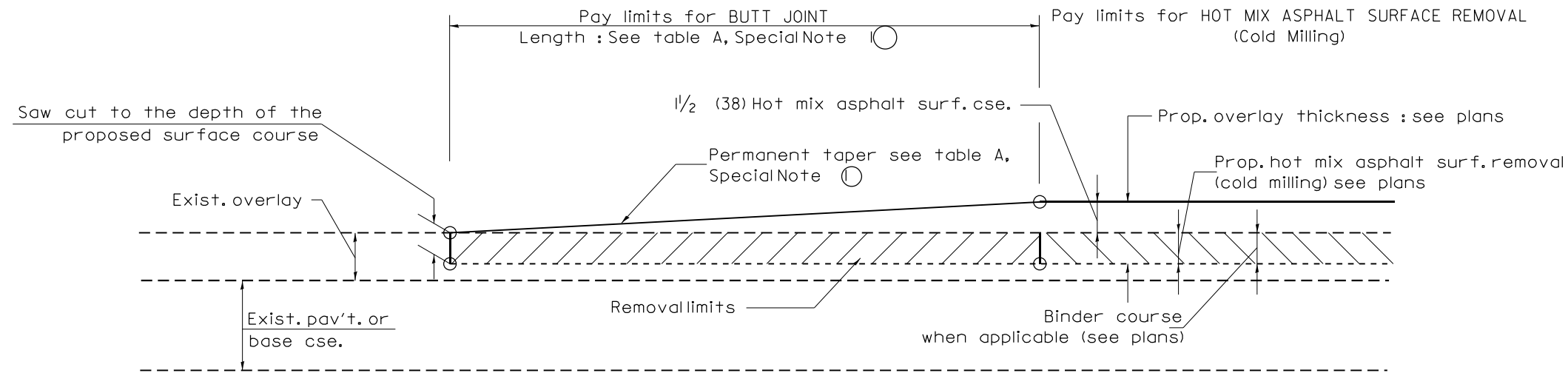
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	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK SIDE CURB
 APPROACH NOSE DETAIL**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 68J41				
ILLINOIS		FED. AID PROJECT		



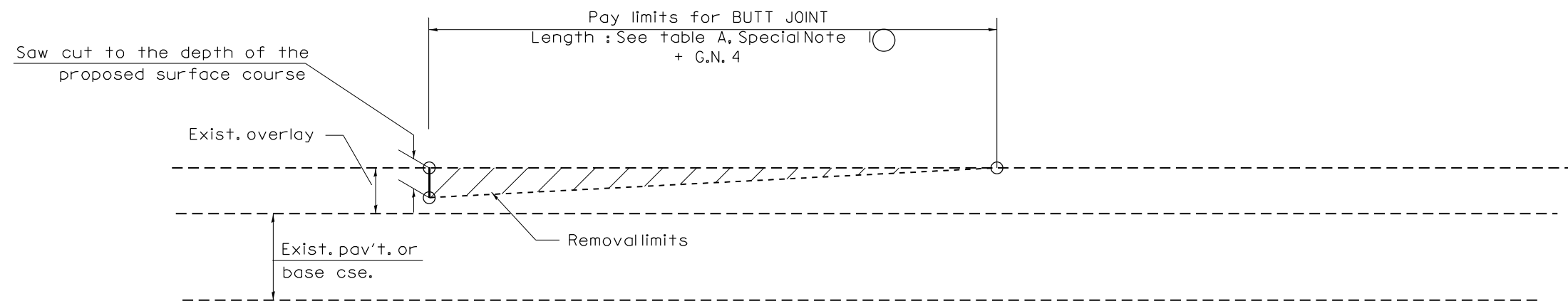
CASE 1: WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

**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

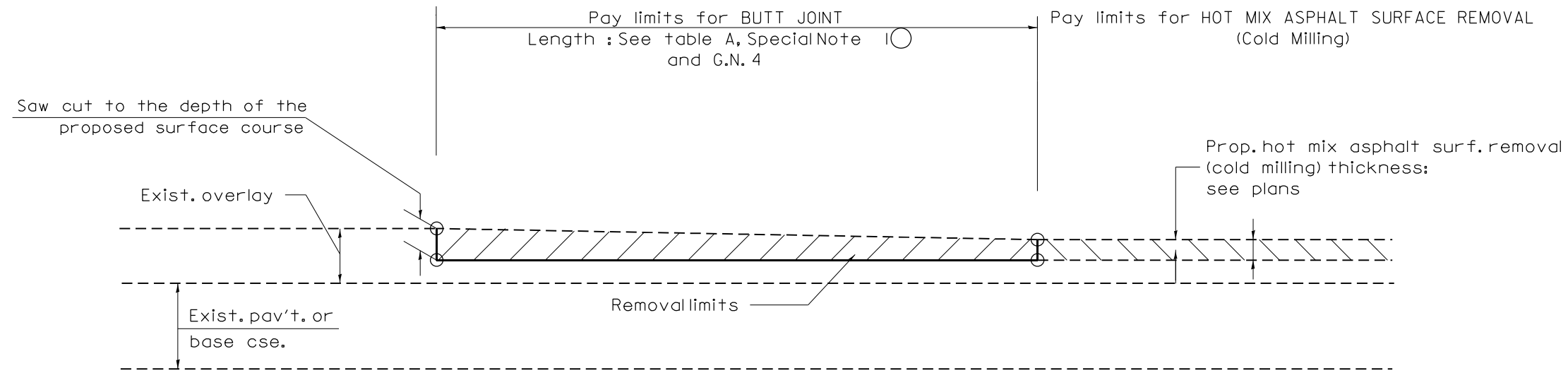
GENERAL NOTES

- The work shall be done in accordance with Article 406.08 and the Special Provision for Butt Joints.
- 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.
- 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.
- 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.
- Temporary ramps are paid for separately and not included in the cost of the butt joints.

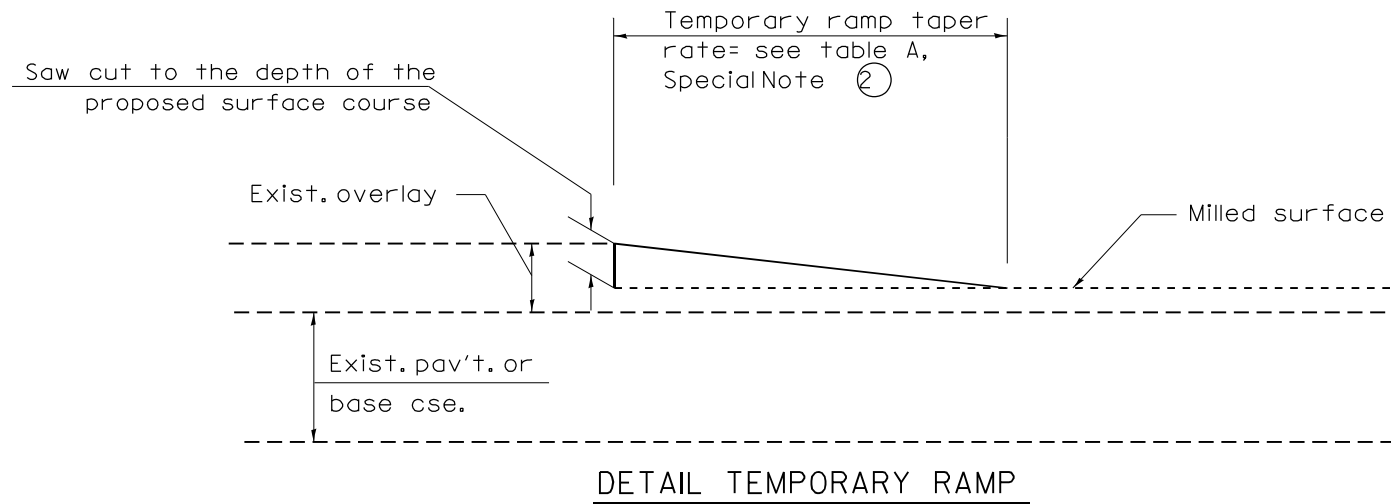


CASE 2 : NO HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

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

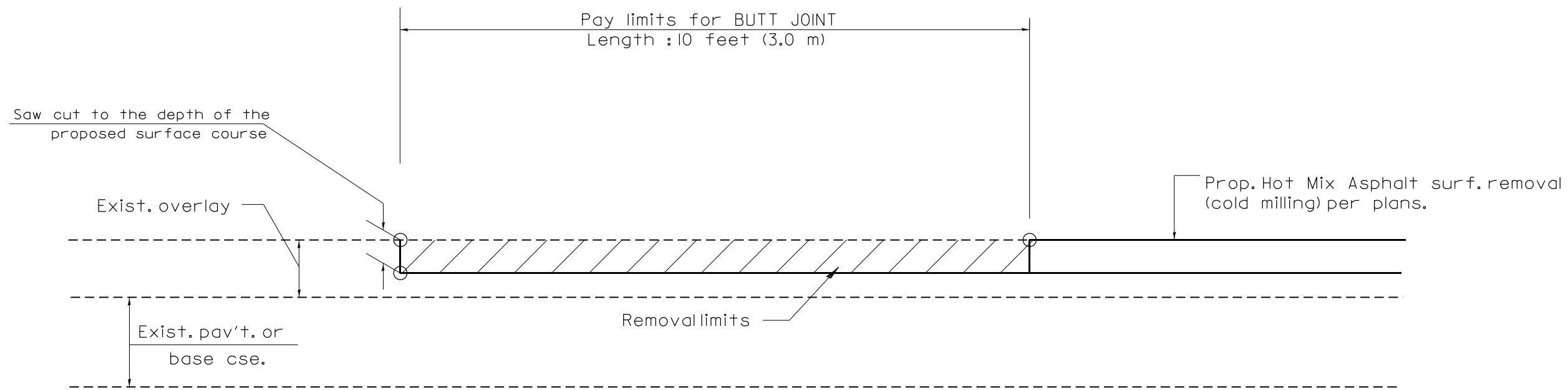


**CASE 3 : HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER**



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

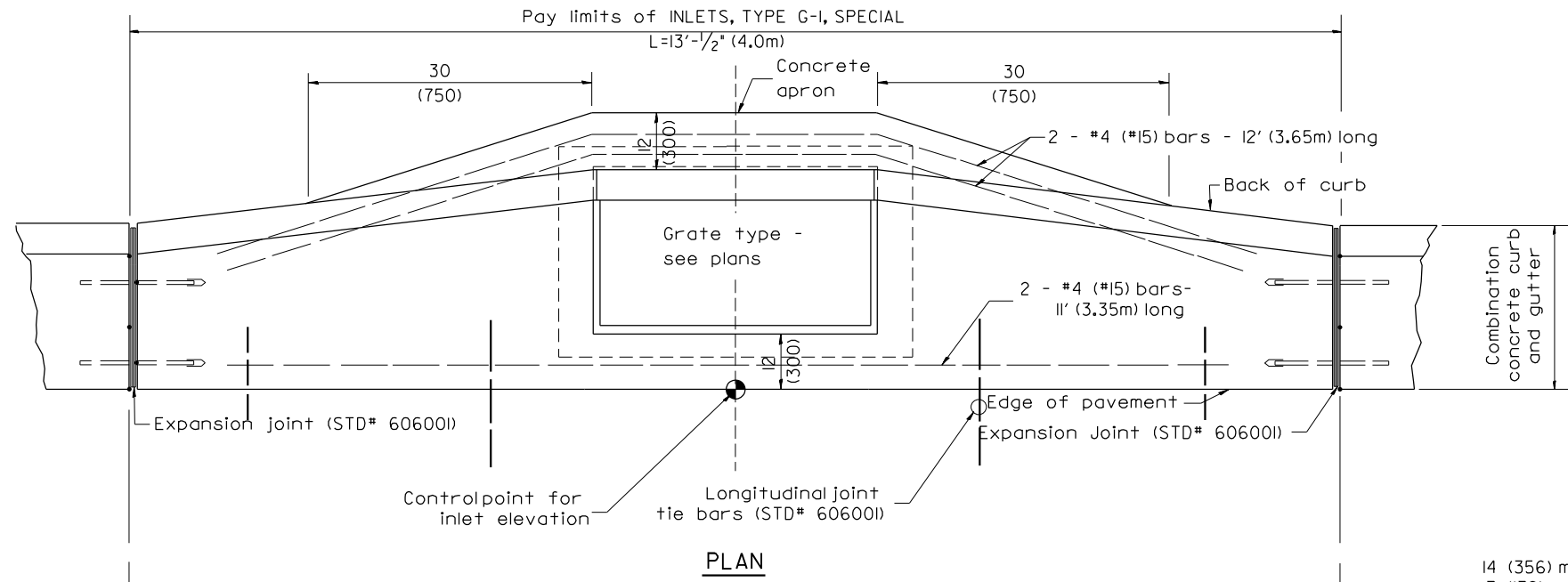
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				BUTT JOINTS		F.A.P. RTE.		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
						399	(35RS-10;36RS-11PP-1,SW	TAZEWELL	77	73	
NOT TO SCALE						SHT. 2 OF 3		CONTRACT NO. 68J41			
						CADD STD. 406101-D4		FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	



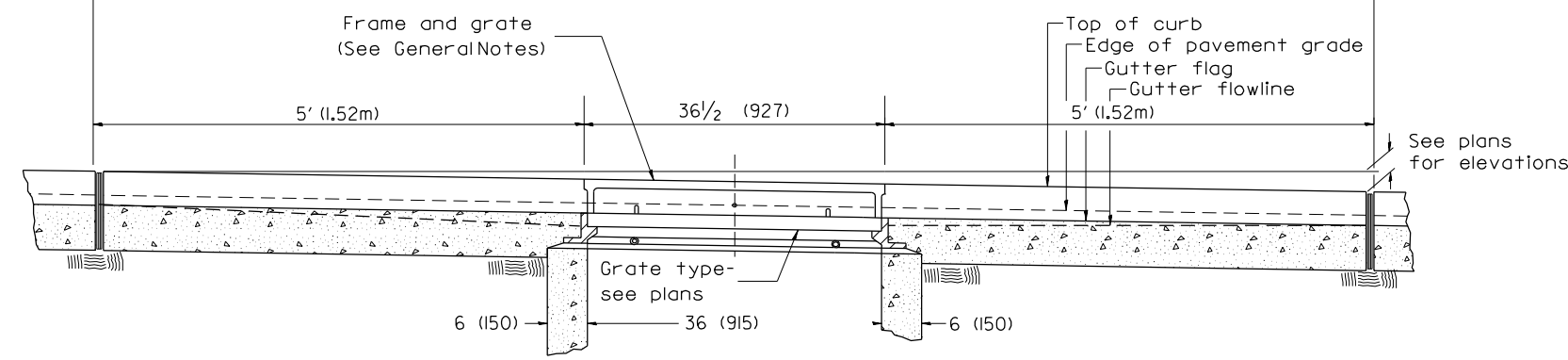
CASE 4 : SINGLE LIFT OVERLAY WITH EQUIVALENT DEPTH
HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER

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

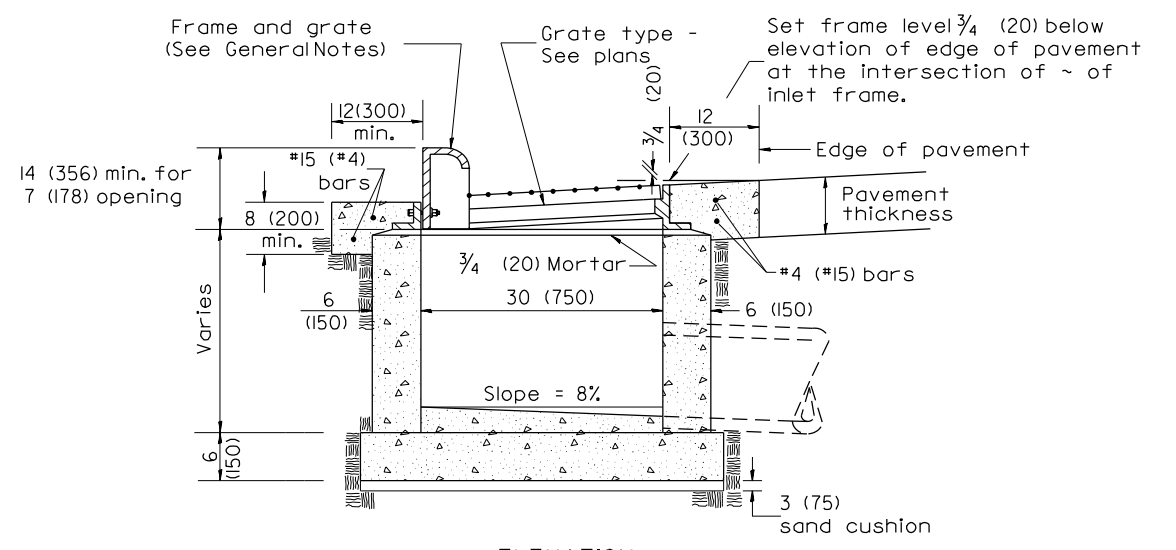
				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		BUTT JOINTS		SHT. 3 OF 3 CADD STD. 406101-D4		<table border="1"> <tr> <th>F.A.P. RTE.</th> <th>SECTION</th> <th>COUNTY</th> <th>TOTAL SHEETS</th> <th>SHEET NO.</th> </tr> <tr> <td>399</td> <td>(35RS-10;36RS-11)PP-1,SW</td> <td>TAZEWELL</td> <td>77</td> <td>74</td> </tr> <tr> <td colspan="3">FED. ROAD DIST. NO.</td> <td colspan="2">CONTRACT NO. 68J41</td> </tr> <tr> <td colspan="2">ILLINOIS</td> <td colspan="3">FED. AID PROJECT</td> </tr> </table>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	399	(35RS-10;36RS-11)PP-1,SW	TAZEWELL	77	74	FED. ROAD DIST. NO.			CONTRACT NO. 68J41		ILLINOIS		FED. AID PROJECT		
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																											
399	(35RS-10;36RS-11)PP-1,SW	TAZEWELL	77	74																											
FED. ROAD DIST. NO.			CONTRACT NO. 68J41																												
ILLINOIS		FED. AID PROJECT																													
				NOT TO SCALE																											



PLAN



ELEVATION (FRONT)



ELEVATION (SIDE)

GENERAL NOTES

1. Inlet construction shall be in accordance with Section 602 of the Standard Specifications.
2. Combination Concrete Curb and Gutter shall be constructed in accordance with Section 606 of the Standard Specifications.
3. See District CADD Standard 604001-D4 for frame and grates.

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

01-01-97	RENUM. B-4.02, NEW REVISION BOX	
12-01-98	CORRECT E.O.P. NOTE	J.A.
10-99	REVISION TO GENERAL NOTES	J.A.
10-16-06	REVISED TO 2007 SPEC.	M.A.

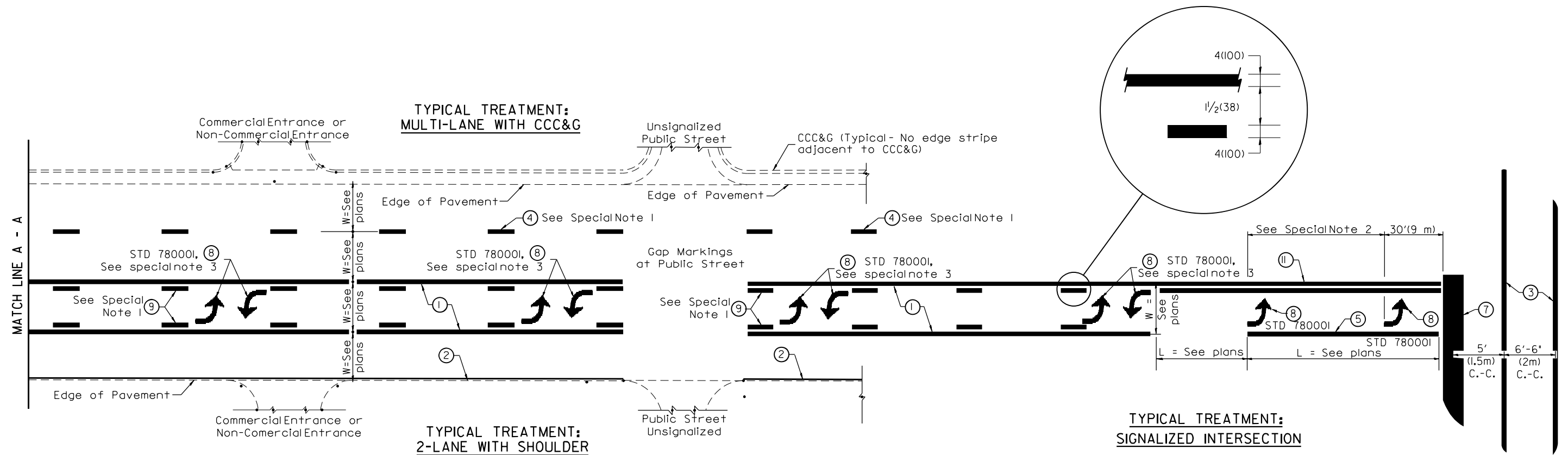
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INLETS, TYPE G-1, SPECIAL

NOT TO SCALE

CADD STD. 602006-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	(35RS-10;36RS-1)PP-1,SW	TAZEWELL	77	75
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68J41	



**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 (13) 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)

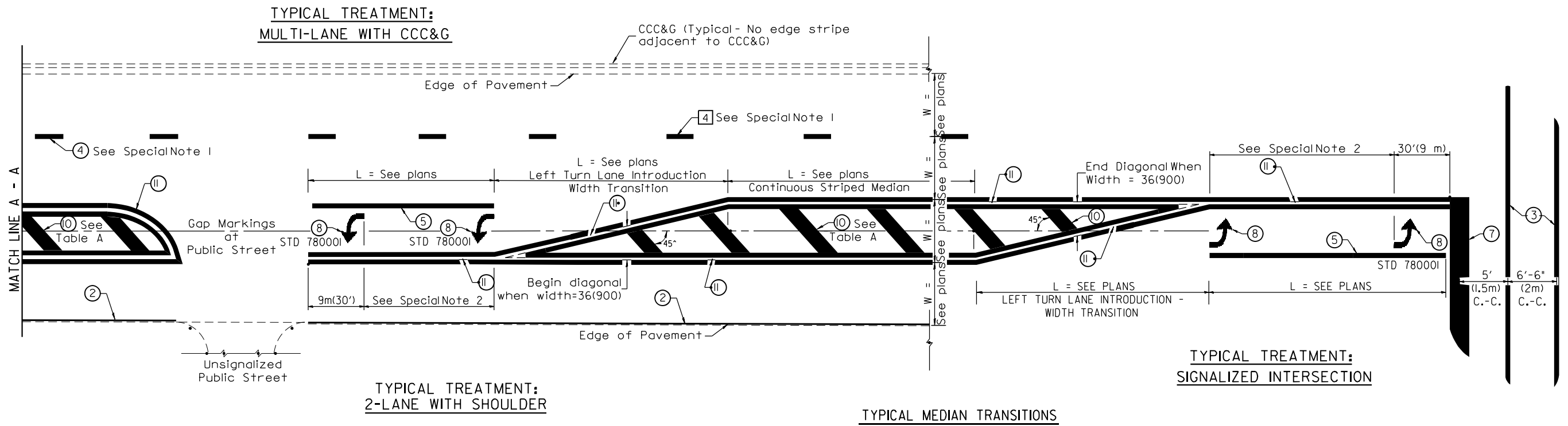
SPECIAL NOTES

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)

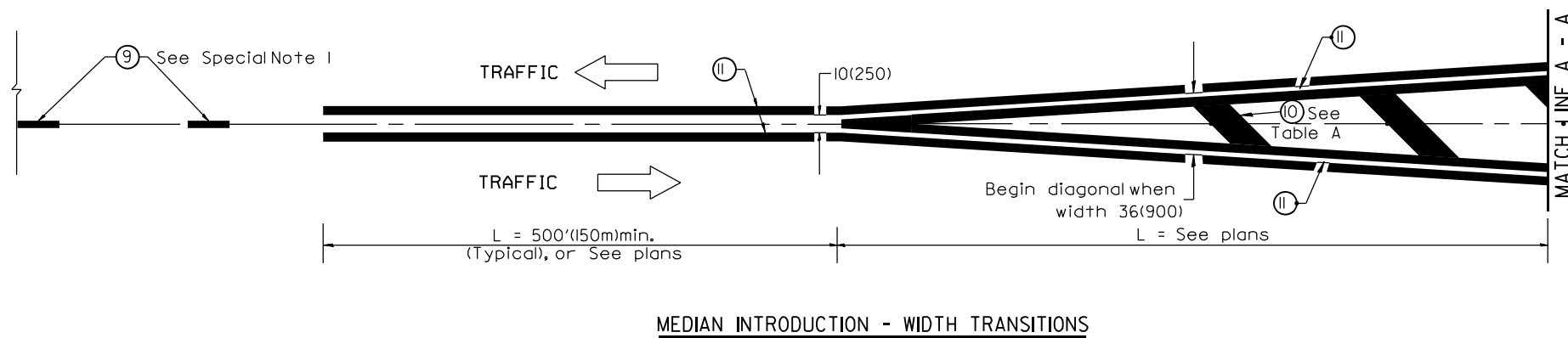
01-01-97	RENUM. F-8.03, NEW REVISION BOX	T.P.	10-16-06	REVISED TO 2007 SPEC.		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL PAVEMENT MARKINGS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
02-07-97	ADD BIDIRECTIONAL DIMENSION	J.A.	2/29/16	ADDED GROOVING AREAS	R.D.			399	(35RS-10;36RS-11PP-1,SW	TAZEWELL	77	76	
10-97	CORRECT BIDIRECTIONAL DIMENSION	J.A.	07-16-19	SPELLING CORRECTIONS	R.D.			SHT. 10F 2 CADD STD. 780001-D4					
08-02	ADD CROSSWALK DMNS. WITH T.S.	M.A.						CONTRACT NO. 68J41					
							NOT TO SCALE	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.