

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

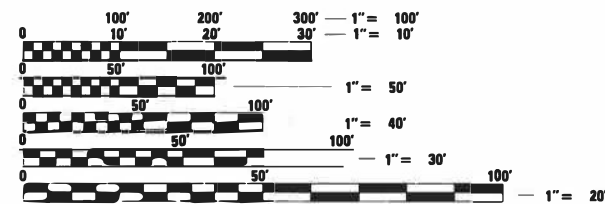
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793	33-1RS-3	MADISON	32	1
		ILLINOIS	CONTRACT NO. 76P24	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROPOSED HIGHWAY PLANS

FAP ROUTE 793 (IL 143 /IL 160 /US 40)
SECTION 33-1RS-3
PROJECT NHPP-V5E7(059)
RESURFACING – SMART OVERLAY AND ADA
MADISON COUNTY

C-98-060-21

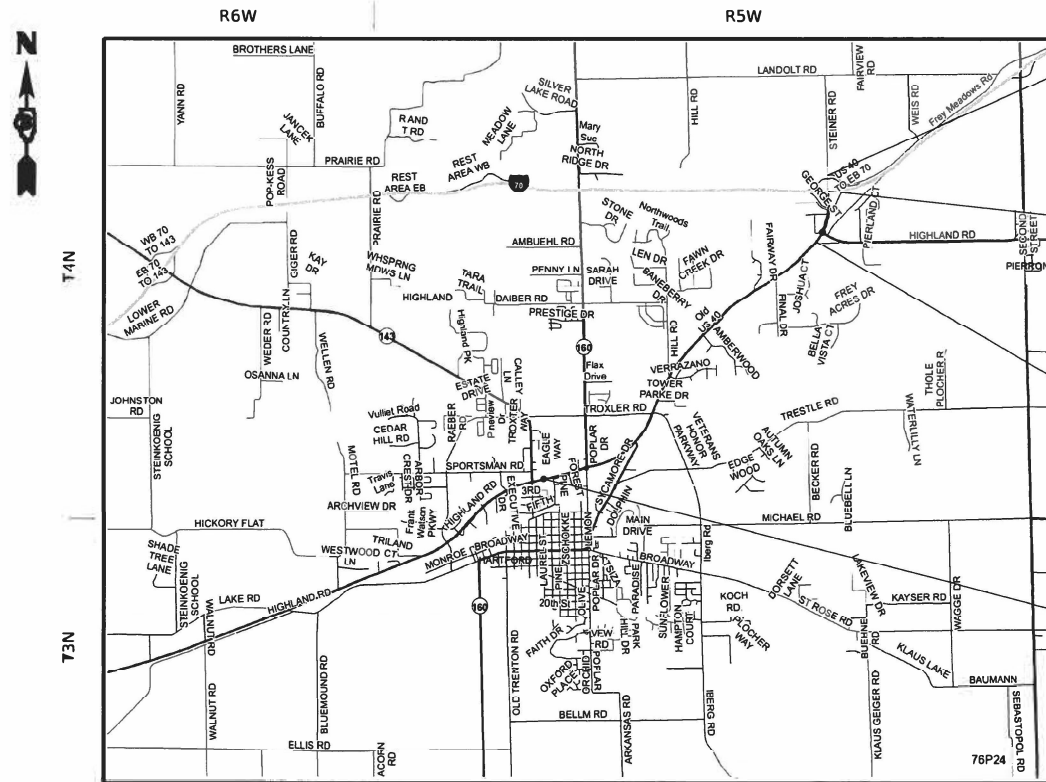


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: CHERYL KEPLAR
PROJECT MANAGER: KAREN CHALLANDES

CONTRACT NO. 76P24



NOT TO SCALE

END PROJECT
STA. 8 + 22
LAT: 38.78806
LONG: -89.63113

STRUCTURE OMISSION
SN 060-0079
STA. 14 + 28 TO STA. 16 + 52

STATION EQUATION
STA. 1028 + 55.99 BK =
STA. 44 + 49.84 AH

BEGIN PROJECT
STA. 854 + 66
LAT: 38.74879
LONG: -89.67889

GROSS LENGTH = 20,697.6 FT. = 3.92 MILES
NET LENGTH = 20,473.6 FT. = 3.88 MILES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Feb 1 20 22
Stephen Travis REGIONAL ENGINEER
March 25 2022
[Signature] ENGINEER OF DESIGN AND ENVIRONMENT
March 23 2022
Stephen M. Smith DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

INDEX OF SHEETS

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GENERAL NOTES

- NO SURVEY WAS PERFORMED FOR THIS PROJECT AND THE PLANS WERE CREATED USING MICROFILM AND FIELD MEASUREMENTS.
- UTILITIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA:

ALHAMBRA-GRANTFORK TELEPHONE CO.	COMMUNICATIONS
AMEREN ILLINOIS	GAS AND ELECTRIC
CHARTER COMMUNICATIONS, INC.	CABLE TV
CLEARWAVE COMMUNICATIONS	COMMUNICATIONS
DEPARTMENT OF CENTRAL MANAGEMENT SERVICES	COMMUNICATIONS
ENABLE MIDSTREAM PARTNERS	PIPELINE
FRONTIER COMMUNICATIONS	COMMUNICATIONS
CITY OF HIGHLAND	COMMUNICATIONS
CITY OF HIGHLAND	WATER AND SANITARY SEWER
CITY OF HIGHLAND	ELECTRIC
VILLAGE OF PIERRON	WATER AND SANITARY SEWER
- THE DEPARTMENT STRONGLY ENCOURAGES THE PRIME CONTRACTOR AND THEIR APPROVED SUB-CONTRACTORS TO HIRE MINORITY, WOMEN AND DISADVANTAGED INDIVIDUALS FROM ITS FEDERALLY FUNDED HIGHWAY CONSTRUCTION CAREERS TRAINING PROGRAM (HCCTP) TO HELP MEET WORKFORCE AND TRAINEE GOALS. THIS PROGRAM IS TRAINING MINORITIES, WOMEN AND DISADVANTAGED INDIVIDUALS IN HIGHWAY CONSTRUCTION-RELATED SKILLS, E.G., MATH FOR THE TRADES, JOB READINESS, TECHNICAL SKILLS COURSEWORK (CARPENTRY, CONCRETE FLATWORK, BLUEPRINT READING, SITE PLANS, SITE WORK, TOOLS USE, ETC.) AND OSHA 10 HOUR CERTIFICATION, TO PREPARE THEM FOR A CAREER IN THE HIGHWAY CONSTRUCTION TRADES. GRADUATES ARE WELL-TRAINED AND READY TO BECOME PRODUCTIVE ENTRY-LEVEL CONSTRUCTION WORKERS. CONTACT THE DISTRICT 8 EEO OFFICE AT 618-346-3360 AND/OR THE HCCTP COORDINATOR AT 618-874-6528 TO LEARN MORE ABOUT THE PROGRAM AND FOR ASSISTANCE IN MEETING WORKFORCE AND TRAINEE GOALS.
- 6 CHANGEABLE MESSAGE SIGN SHALL BE REQUIRED FOR THIS PROJECT AND SHALL BE PLACED 2 WEEKS PRIOR TO ANY LANE CLOSURE. THE CHANGEABLE MESSAGE SIGNS SHALL BE PLACED ACCORDING TO THE LAYOUT SHEET PROVIDED OR AT THE DIRECTION OF THE ENGINEER.
- ALL DISTURBED EMBANKMENT AREAS SHALL BE SEEDED WITH CLASS 2A SEED, FERTILIZED AND MULCHED AS PER SECTION 250.04 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THE COST FOR PERFORMING THIS WORK SHALL BE CONSIDERED INCLUDED IN THE UNIT PRICE BID FOR THE ITEM OF WORK INITIATING THE DISTURBANCE.
- MTD CAN OPERATE IN AN UNLOADED CONDITION ON SN 060-2007, 060-2515, 060-2516, SN 060-0079.

MIX CHART

MIXTURE USE AC/PG	SURFACE PG 64-22	INCIDENTAL PG 64-22
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70
MIX COMPOSITION (Gradation)	IL 9.5	IL 9.5
FRICITION AGG	MIXTURE "D"	MIXTURE "D"
QUALITY MGMT PROGRAM	QCP	QC/QA
MatTranDev Required?	yes	no

MIXTURE USE AC/PG	SHOULDERS (surface) PG 64-22	PATCHING PG 64-22
DESIGN AIR VOIDS	4.0% @ Ndes=30	4.0% @ Ndes=70
MIX COMPOSITION (Gradation)	IL 9.5L	IL 19.0
FRICITION AGG		MIXTURE "B"
QUALITY MGMT PROGRAM	QC/QA	QC/QA
MatTranDev Required?	no	no

Plan quantities for Bituminous Concrete Surface Course items are calculated using a unit weight of 112 lb/sq yd/in (59.8 kg/sq m/25 mm thickness). Any QCP Pay Item that has a quantity of 1600 tons or less will have two sublots each of which will be half of the Plan Quantity or half of the Adjusted Quantity by the Resident Engineer/Technician.

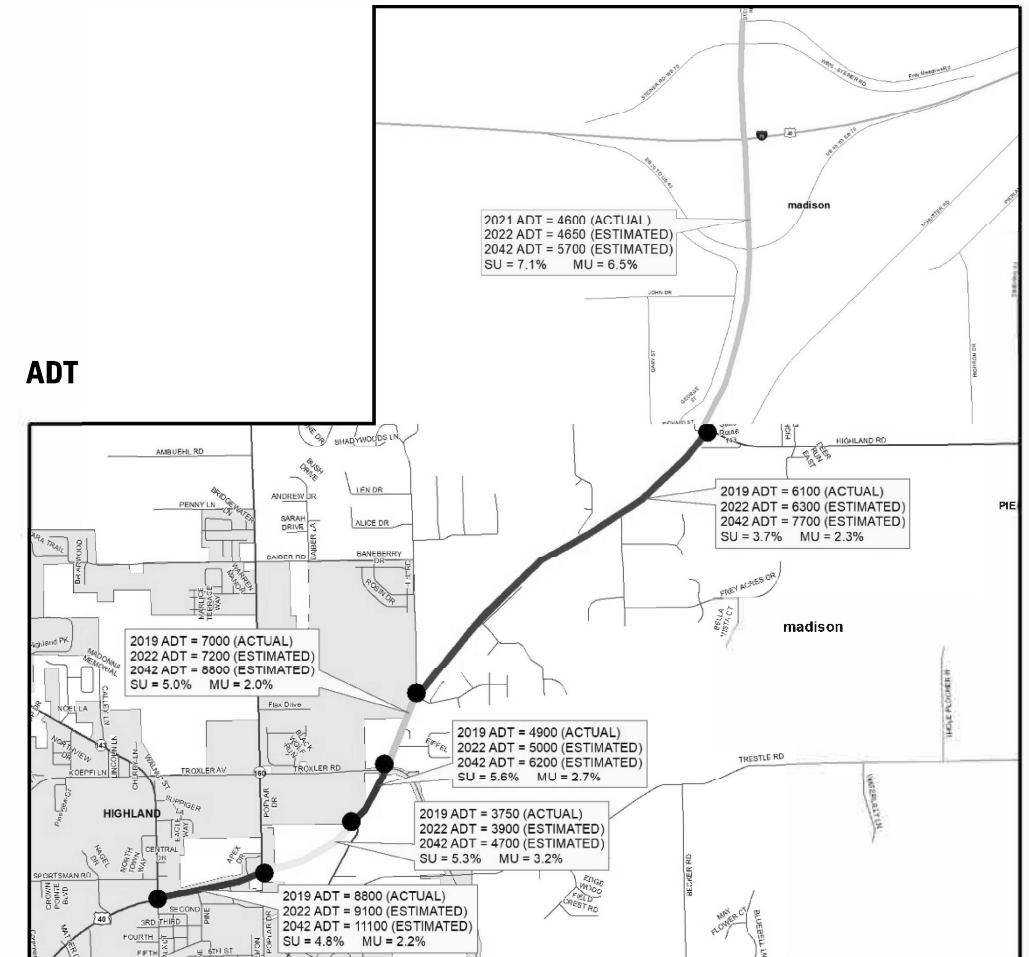
HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
406201-01	MAILBOX TURNOUTS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-05	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-04	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424016-05	MID BLOCK CURB RAMPS FOR SIDEWALKS
424021-06	DEPRESSED CORNER FOR SIDEWALKS
424031-02	MEDIAN PEDESTRIAN CROSSINGS
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606006-04	OUTLETS FOR CONCRETE CURB AND GUTTER TYPE B-6.24 (B-15.60)
606201-04	TYPE B GUTTER (INLET, OUTLET & ENTRANCE)
606301-04	PC CONCRETE ISLANDS AND MEDIANS
630001-12	STEEL PLATE BEAM GUARDRAIL
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS, DAY ONLY FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE, 2L, 2W MOVING OPERATIONS - DAY ONLY
701336-07	LANE CLOSURE, 2L, 2W, WORK AREAS IN A SERIES, FOR SPEEDS ≥ 45 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-09	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
725001-01	OBJECT AND TERMINAL MARKERS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS AND MARKERS)
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVMENT MARKERS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS
420001-10	PAVEMENT JOINTS
442201-03	CLASS C AND D PATCHES

COMMITMENTS

NONE

ADT



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES,
COMMITMENTS, MIX CHART, AND ADT

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793	33-1RS-3	MADISON	32	2
CONTRACT NO. 76P24				
ILLINOIS FED. AID PROJECT				

80% FED 20% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				ROADWAY	SAFETY
				0005 URBAN	0021 URBAN
28100701	STONE DUMPED RIPRAP, CLASS A1	SQ YD	133	133	
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	275		275
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	12	12	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	37091	37091	
40600370	LONGITUDINAL JOINT SEALANT	FOOT	24510	24510	
40600990	TEMPORARY RAMP	SQ YD	1012	1012	
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	5770	5770	
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	569	569	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	94	94	
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	2515		2515
42400800	DETECTABLE WARNINGS	SQ FT	354		354
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	83315	83315	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	271		271
44000600	SIDEWALK REMOVAL	SQ FT	2869		2869

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 793	SECTION 33-1R5-3	COUNTY MADISON	TOTAL SHEETS 32	SHEET NO. 3
CONTRACT NO. 76P24			ILLINOIS FED. AID PROJECT	

80% FED 20% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				ROADWAY	SAFETY
				0005 URBAN	0021 URBAN
44200144	PAVEMENT PATCHING, TYPE II, 12 INCH	SQ YD	43	43	
44200148	PAVEMENT PATCHING, TYPE III, 12 INCH	SQ YD	70	70	
44213200	SAW CUTS	FOOT	523		523
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	668	668	
48203100	HOT-MIX ASPHALT SHOULDERS	TON	1027	1027	
60605100	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (ABUTTING EXISTING PAVEMENT)	FOOT	271		271
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	300	300	
* 63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	662.5	662.5	
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4	4	
63200310	GUARDRAIL REMOVAL	FOOT	389	389	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4	4	
67100100	MOBILIZATION	L SUM	1	0.75	0.25
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1	
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1	

* SPECIALTY ITEM

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793	33-1RS-3	MADISON	32	4
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76P24	

80% FED 20% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				ROADWAY	SAFETY
				0005 URBAN	0021 URBAN
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1	
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1	
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
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	84	84	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	3968	3968	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	661	661	
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	282	282	
70300221	TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT	FOOT	72876	72876	
70300261	TEMPORARY PAVEMENT MARKING - LINE 12" - PAINT	FOOT	982	982	
70300281	TEMPORARY PAVEMENT MARKING - LINE 24" - PAINT	FOOT	406	406	
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	4	4	
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	131	131	

* SPECIALTY ITEM

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			SCALE:	SHEET OF	SHEETS	STA. TO STA.	793	33-1R5-3	MADISON	32	5
								CONTRACT NO. 76P24			
										ILLINOIS FED. AID PROJECT	

80% FED 20% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				ROADWAY 0005 URBAN	SAFETY 0021 URBAN
* 73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	13	13	
* 73700100	REMOVE GROUND MOUNTED SIGN SUPPORT	EACH	13	13	
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	282	282	
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	72876	72876	
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	982	982	
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	406	406	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	272	272	
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	8	8	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	272	272	
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	25759	25759	
* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	875	875	
X0327008	REMOVE AND RELOCATE SIGN (SPECIAL)	EACH	18	18	
Z0070100	SURVEY MONUMENT COVER ASSEMBLY	EACH	1	1	
X6320100	GUARDRAIL REMOVAL SPECIAL	FOOT	752	752	
Ø Z0076600	TRAINEES	HOUR	500	500	
Z0034105	MATERIAL TRANSFER DEVICE	TON	5770	5770	
Ø Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	500	

* SPECIALTY ITEM

Ø 0042

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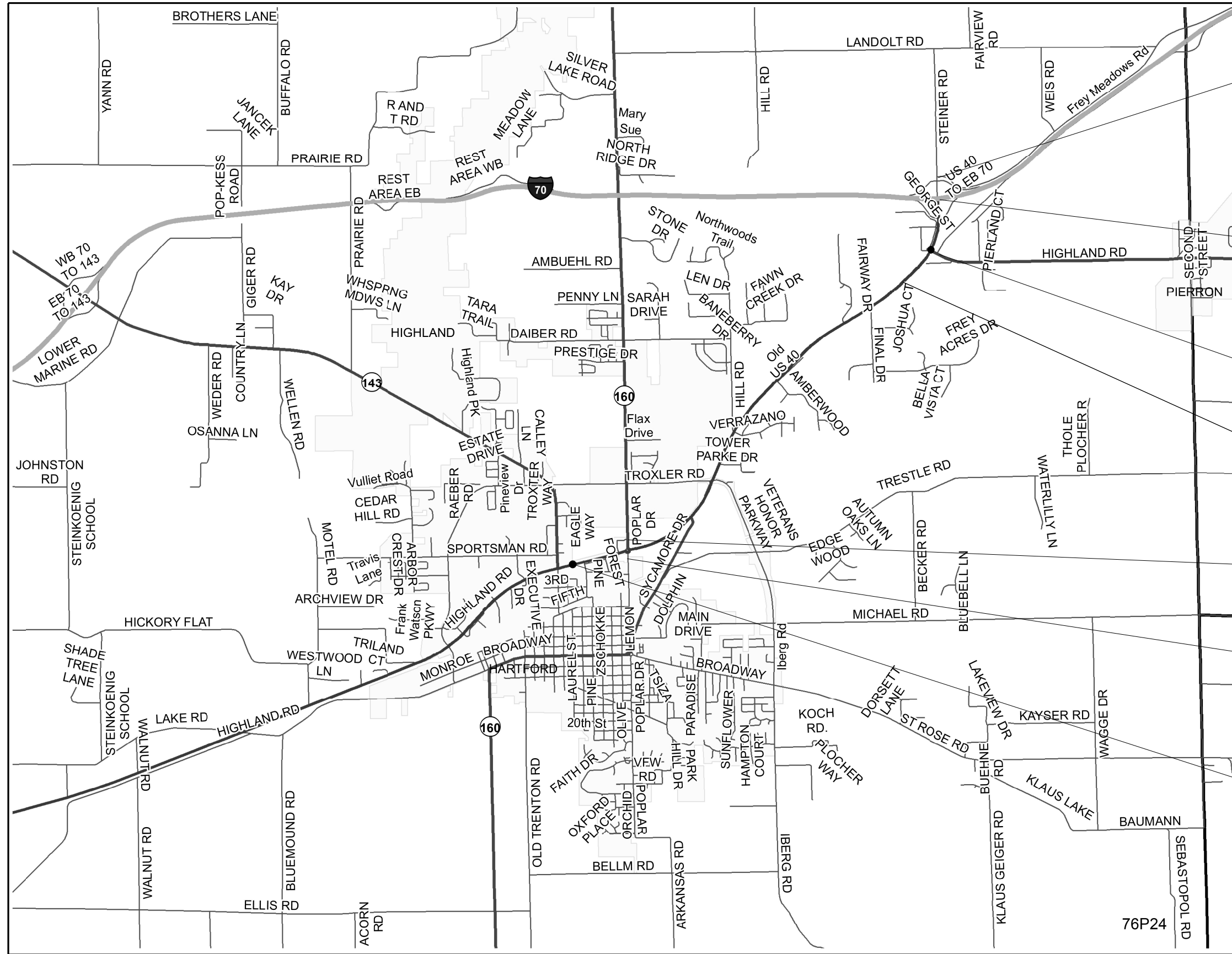
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793	33-1RS-3	MADISON	32	6
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76P24	



END PROJECT
STA. 8+23.00

OMISSION AT SN 060-0079
STA. 14+28 TO STA. 16+52

IL 143 STA. 0+40.00

STATION EQUATION:
1028+55.99 BK = 44+49.84 AH

IL 160 STA. 61+86.82

POPLAR STREET STA. 56+55

BEGIN PROJECT
STA. 851+66.00

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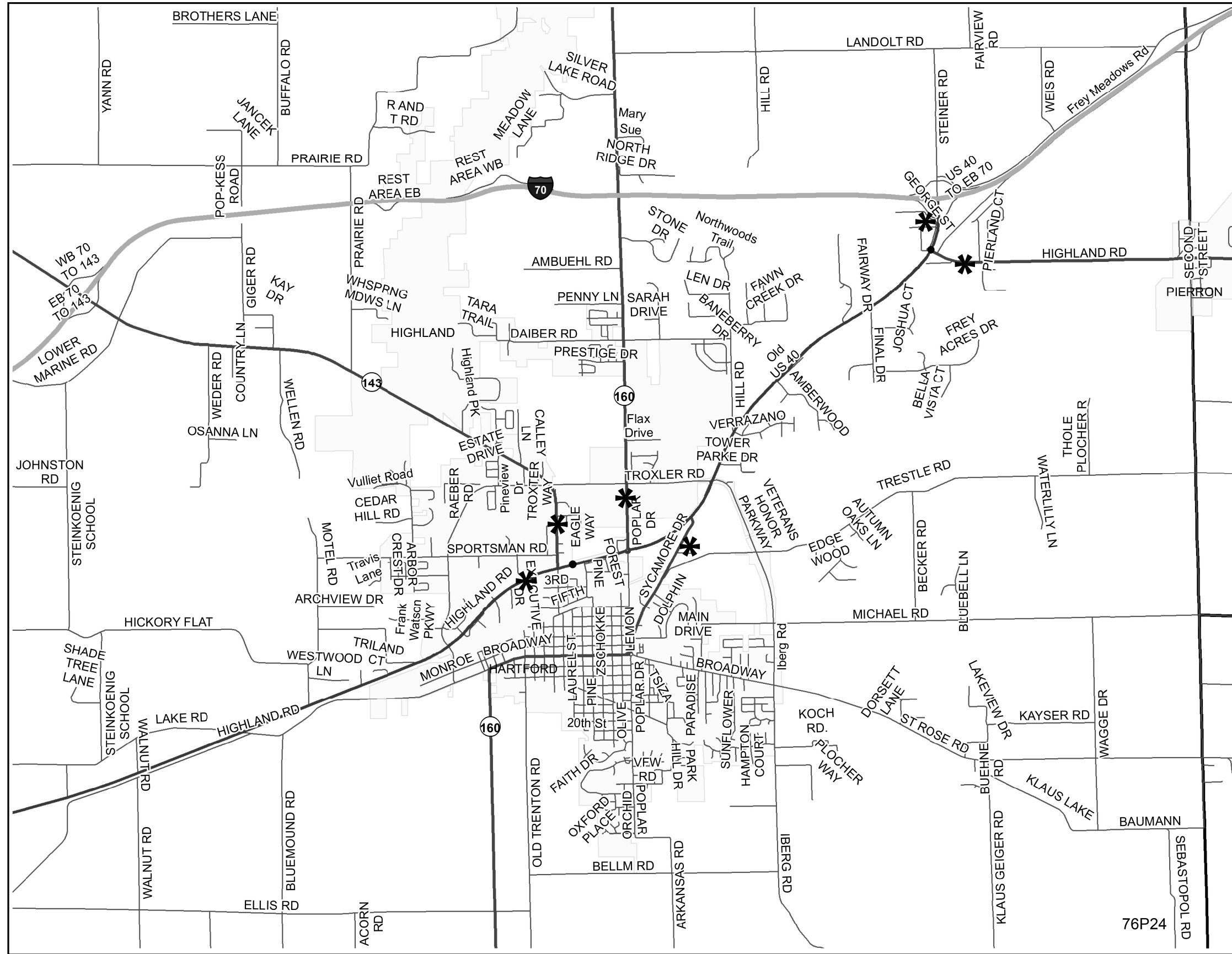
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION MAP

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793	33-1R5-3	MADISON	32	7
CONTRACT NO. 76P24				
ILLINOIS FED. AID PROJECT				

76P24



***** CHANGEABLE MESSAGE SIGN LOCATION

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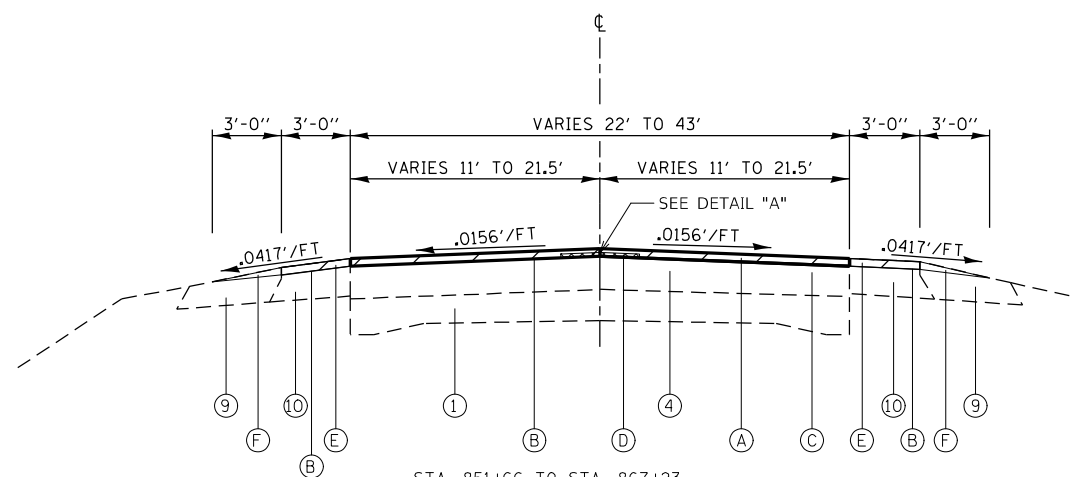
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CHANGEABLE MESSAGE SIGN LOCATIONS

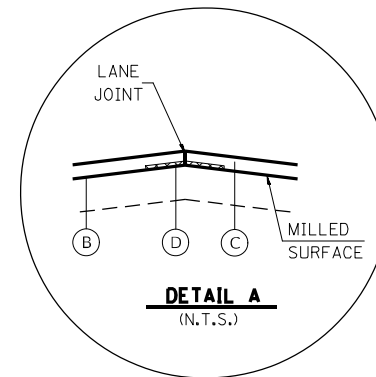
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793	33-1R5-3	MADISON	32	8
CONTRACT NO. 76P24				
ILLINOIS FED. AID PROJECT				

76P24



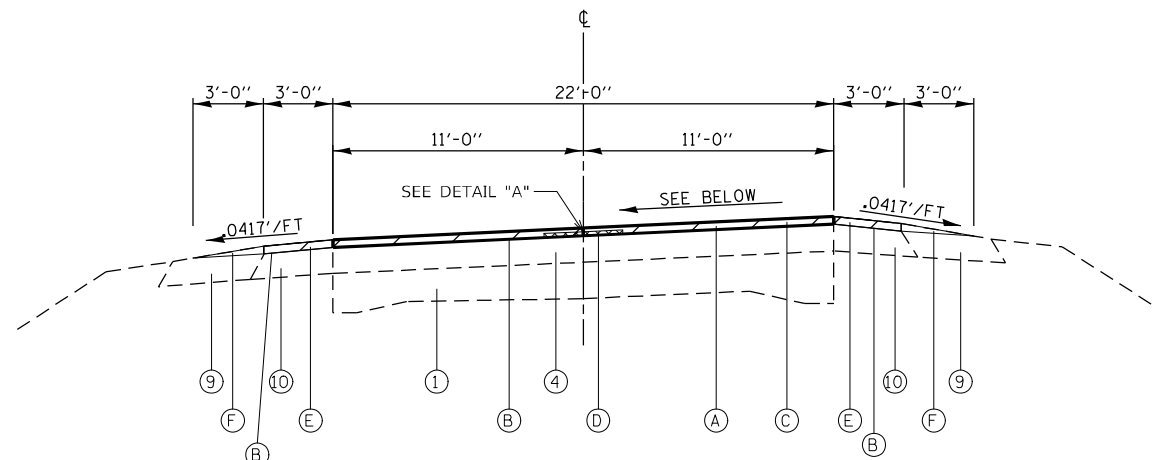
STA. 851+66 TO STA. 867+23
 STA. 915+90 TO STA. 925+14
 STA. 952+51 TO STA. 970+88
 STA. 1025+59 TO STA. 1028+55.99
 STA. EQUATION:
 STA. 1028+55.99 BK = STA. 44+49.84 AH



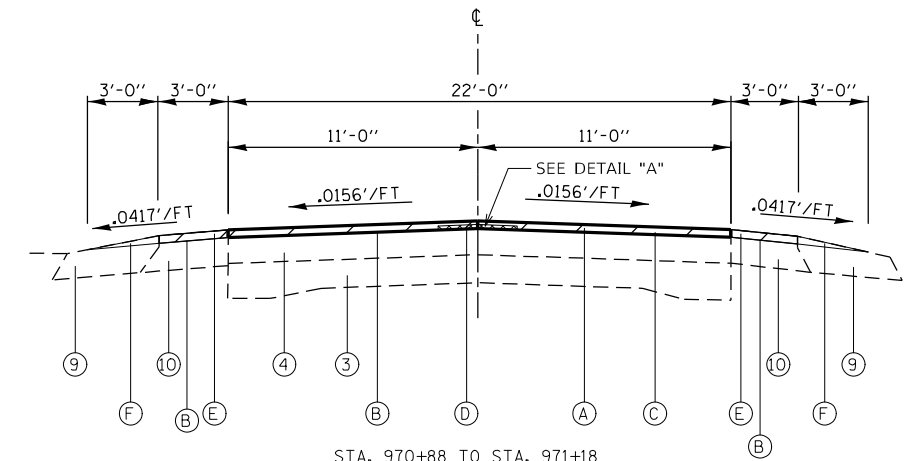
**DETAIL "A" SHALL BE APPLIED ALONG THE LANE JOINTS OF PAVEMENT

LEGEND

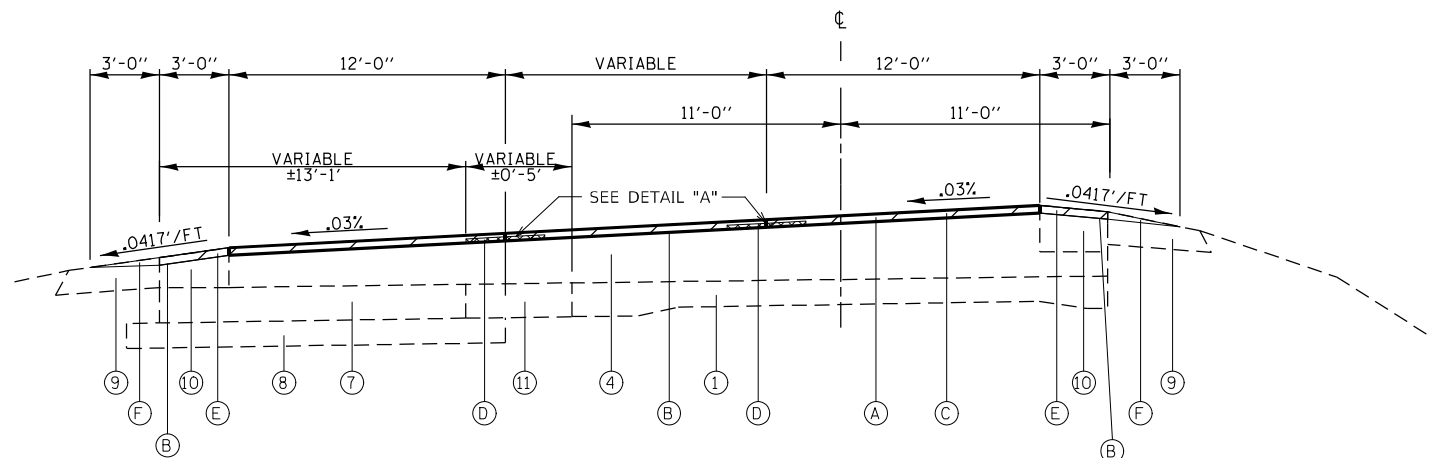
- 1 EXISTING P.C.C. PAVEMENT 10-8-10
- 2 EXISTING PAVEMENT - THICKNESS VARIES
- 3 EXISTING P.C.C. PAVEMENT 9-7-9
- 4 EXISTING HOT-MIX ASPHALT RESURFACING - THICKNESS VARIES
- 5 EXISTING SUB-BASE GRANULAR MATERIAL - 6"
- 6 EXISTING SUB-BASE GRANULAR MATERIAL - 12"
- 7 EXISTING P.C.C. PAVEMENT - 10"
- 8 EXISTING GRANULAR SUB-BASE - 4"
- 9 EXISTING AGGREGATE SHOULDERS
- 10 EXISTING HOT-MIX ASPHALT SHOULDER, 6"
- 11 EXISTING BASE COURSE - 10"
- 12 EXISTING CONCRETE CURB AND GUTTER, TYPE B - 6.24
- 13 EXISTING CONCRETE CURB AND GUTTER, TYPE B - 9.12
- 14 EXISTING CONCRETE SIDEWALK - 4"
- A PROPOSED HOT-MIX ASPHALT REMOVAL - 1 1/2"
- B PROPOSED BITUMINOUS MATERIALS (TACK COAT)
- C PROPOSED HOT-MIX ASPHALT SURFACE COURSE, IL 9.5, MIX "D", N70 - 1 1/2"
- D PROPOSED LONGITUDINAL JOINT SEALANT
- E PROPOSED HOT MIX ASPHALT SHOULDER OVERLAY - 1 1/2"
- F PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B



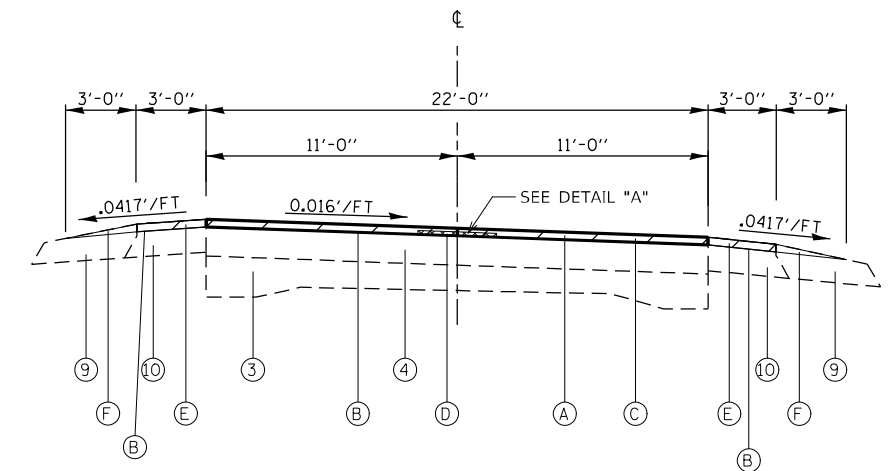
STA. 880+50 TO STA. 896+00 .03% SUPER.
 STA. 909+95 TO STA. 915+90 .03% SUPER.
 STA. 925+14 TO STA. 952+51 .018% SUPER.
 STA. 996+04 TO STA. 1025+59 .0156% SUPER.



STA. 970+88 TO STA. 971+18



STA. 896+00 TO STA. 900+87



STA. 971+18 TO STA. 982+67

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 DATE: 2/7/2022

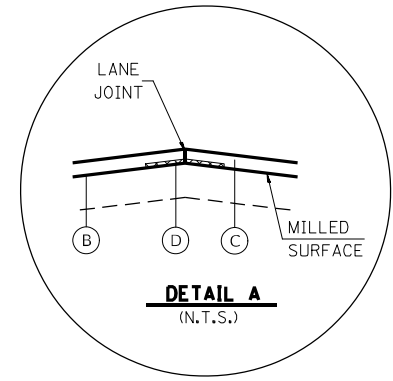
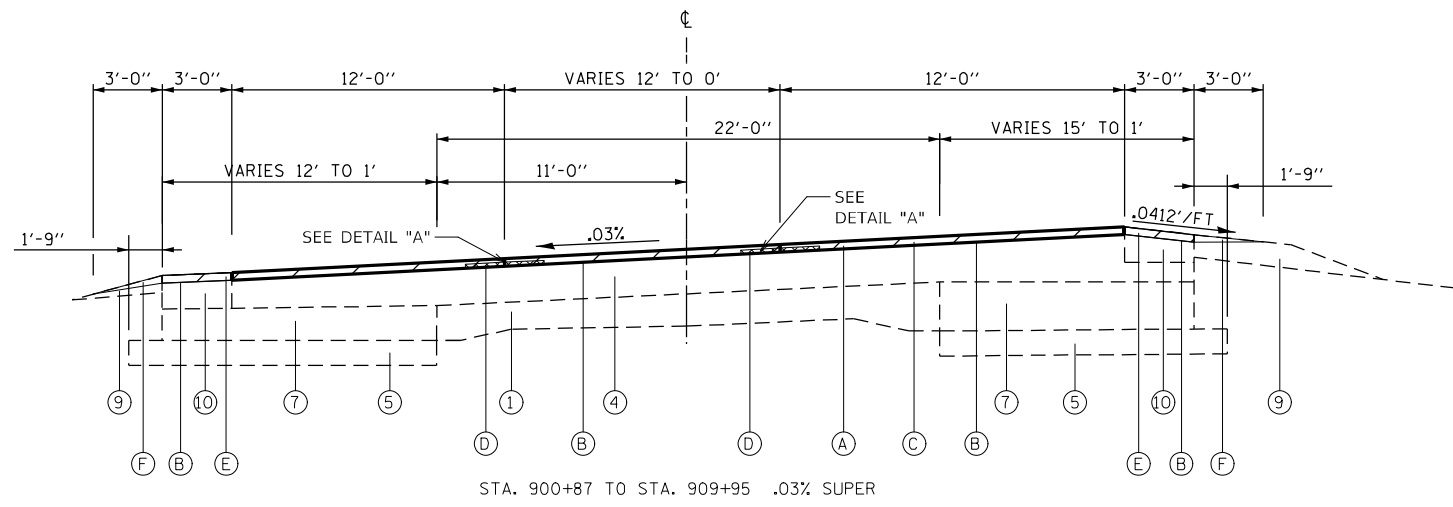
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS
 IL 143 / US 40**

SCALE: SHEET OF SHEETS STA. TO STA.

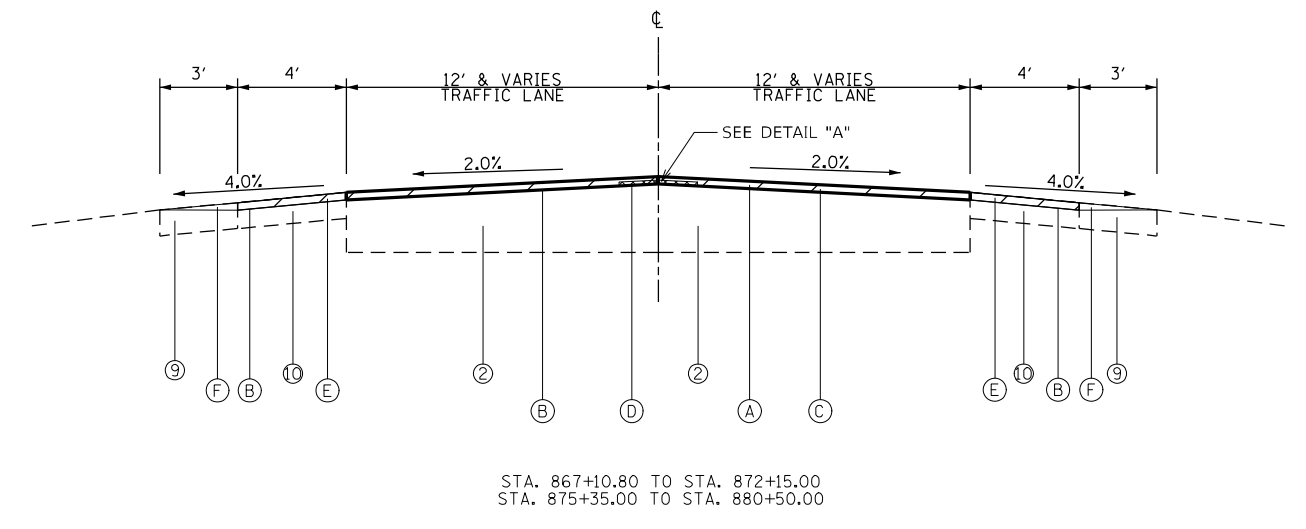
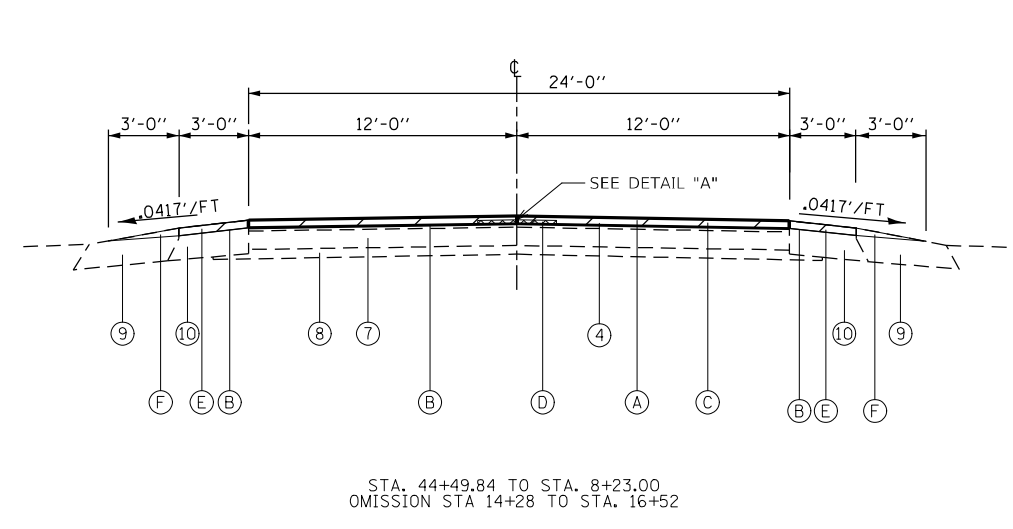
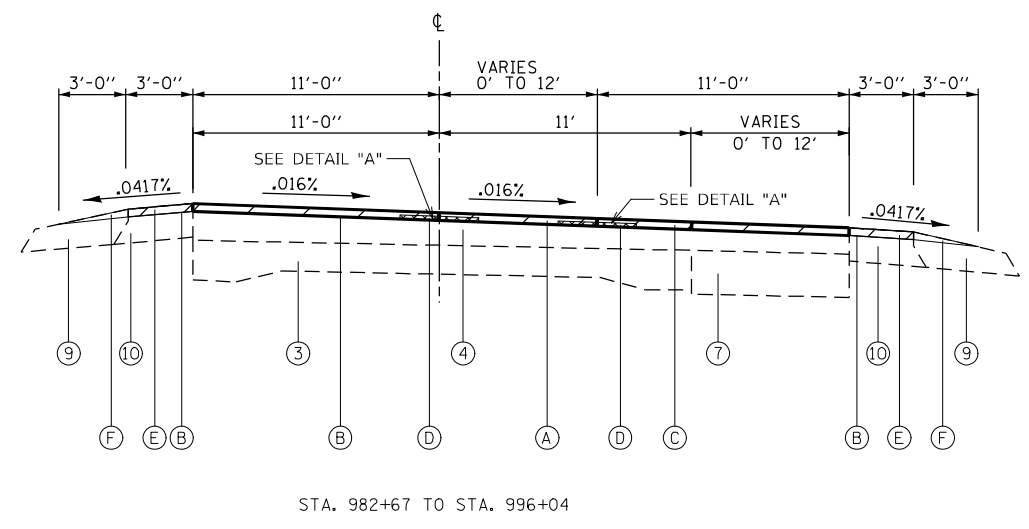
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793	33-1RS-3	MADISON	32	9
CONTRACT NO. 76P24				
ILLINOIS FED. AID PROJECT				



**DETAIL "A" SHALL BE APPLIED ALONG THE LANE JOINTS OF PAVEMENT

LEGEND

- 1 EXISTING P.C.C. PAVEMENT 10-8-10
- 2 EXISTING PAVEMENT - THICKNESS VARIES
- 3 EXISTING P.C.C. PAVEMENT 9-7-9
- 4 EXISTING HOT-MIX ASPHALT RESURFACING - THICKNESS VARIES
- 5 EXISTING SUB-BASE GRANULAR MATERIAL - 6"
- 6 EXISTING SUB-BASE GRANULAR MATERIAL - 12"
- 7 EXISTING P.C.C. PAVEMENT - 10"
- 8 EXISTING GRANULAR SUB-BASE - 4"
- 9 EXISTING AGGREGATE SHOULDERS
- 10 EXISTING HOT-MIX ASPHALT SHOULDER, 6"
- 11 EXISTING BASE COURSE - 10"
- 12 EXISTING CONCRETE CURB AND GUTTER, TYPE B - 6.24
- 13 EXISTING CONCRETE CURB AND GUTTER, TYPE B - 9.12
- 14 EXISTING CONCRETE SIDEWALK - 4"
- A PROPOSED HOT-MIX ASPHALT REMOVAL - 1½"
- B PROPOSED BITUMINOUS MATERIALS (TACK COAT)
- C PROPOSED HOT-MIX ASPHALT SURFACE COURSE, IL 9.5, MIX "D", N70 - 1½"
- D PROPOSED LONGITUDINAL JOINT SEALANT
- E PROPOSED HOT MIX ASPHALT SHOULDER OVERLAY - 1½"
- F PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B



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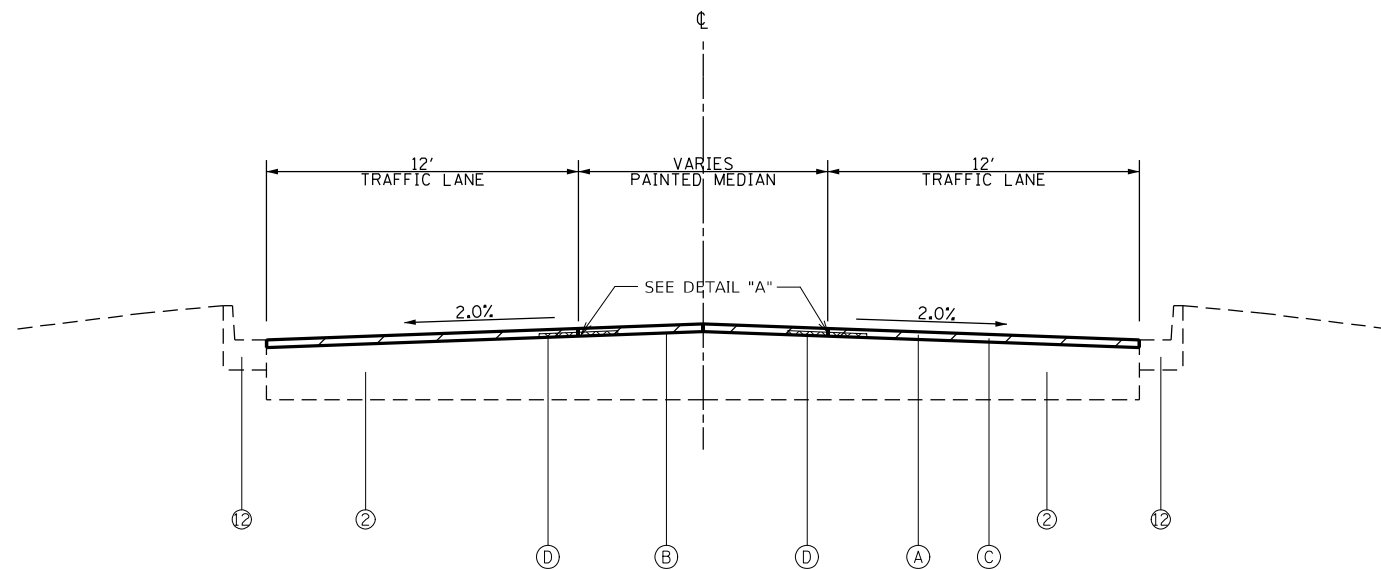
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	DRAWN -	REVISED -
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PLOT DATE = 2/7/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

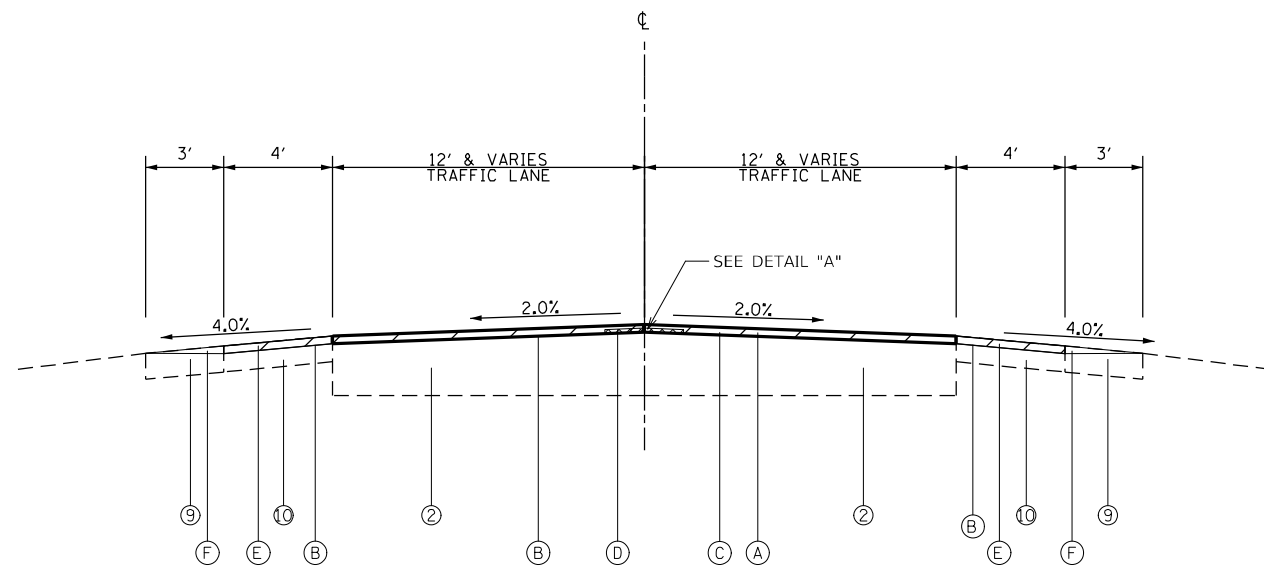
**TYPICAL SECTIONS
IL 143 / US 40**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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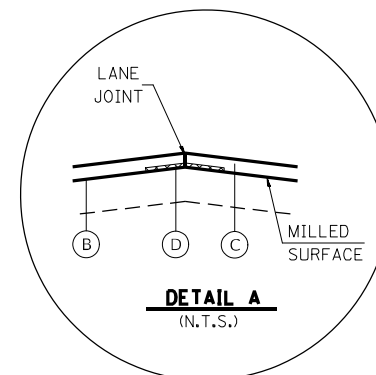
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793	33-1R5-3	MADISON	32	10
			CONTRACT NO. 76P24	
ILLINOIS FED. AID PROJECT				



IL 160
STA. 58+70 TO 59+00



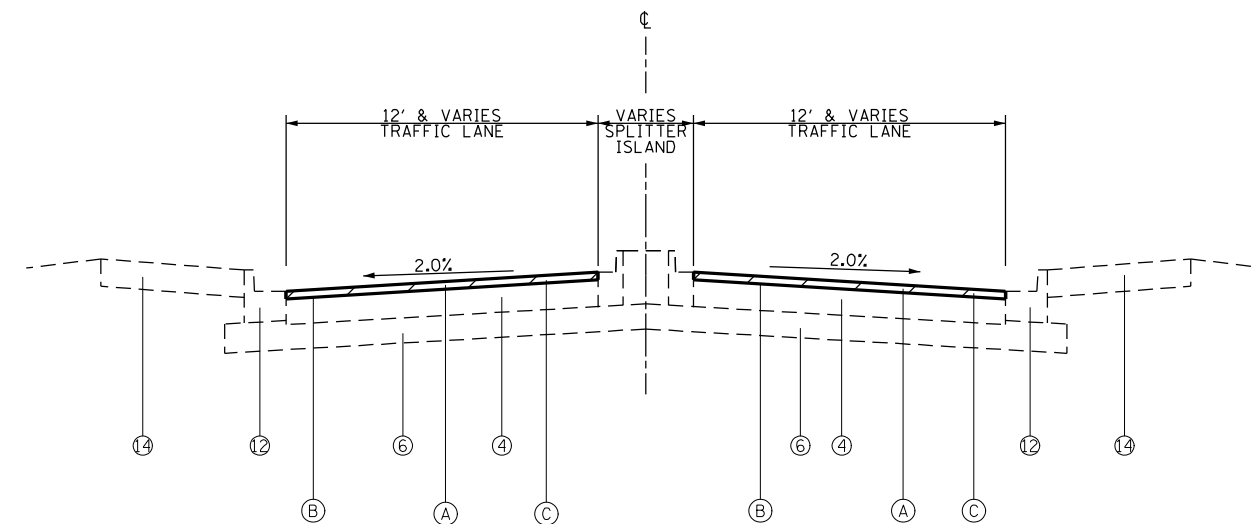
IL 160
STA. 60+70 TO STA. 61+86.82



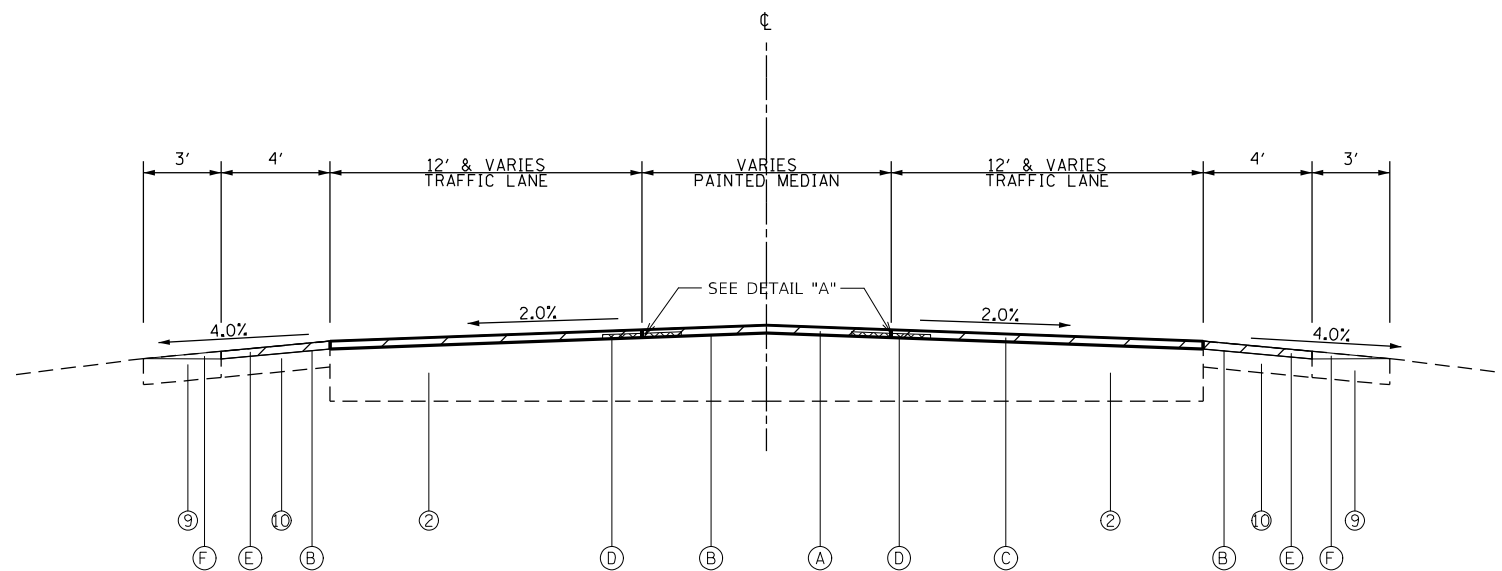
**DETAIL "A" SHALL BE APPLIED ALONG THE LANE JOINTS OF PAVEMENT

LEGEND

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- 14 EXISTING CONCRETE SIDEWALK - 4"
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- B PROPOSED BITUMINOUS MATERIALS (TACK COAT)
- C PROPOSED HOT-MIX ASPHALT SURFACE COURSE, IL 9.5, MIX "D", N70 - 1 1/2"
- D PROPOSED LONGITUDINAL JOINT SEALANT
- E PROPOSED HOT MIX ASPHALT SHOULDER OVERLAY - 1 1/2"
- F PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B



IL 160
STA. 58+15 TO STA. 58+70



IL 160
STA. 59+00 TO 60+70

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PLOT DATE: 2/7/2022

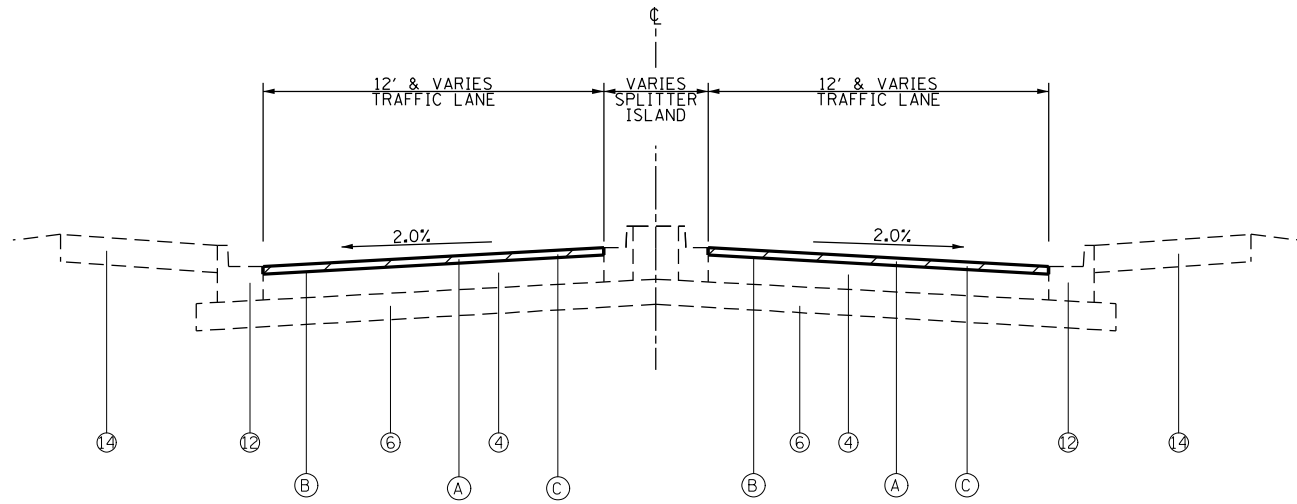
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PLOT DATE = 2/7/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

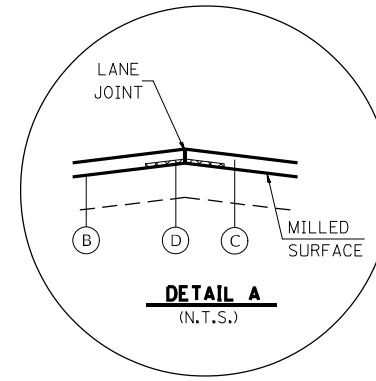
TYPICAL SECTIONS
IL 160

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 793	SECTION 33-1R5-3	COUNTY MADISON	TOTAL SHEETS 32	SHEET NO. 11
CONTRACT NO. 76P24				
ILLINOIS FED. AID PROJECT				



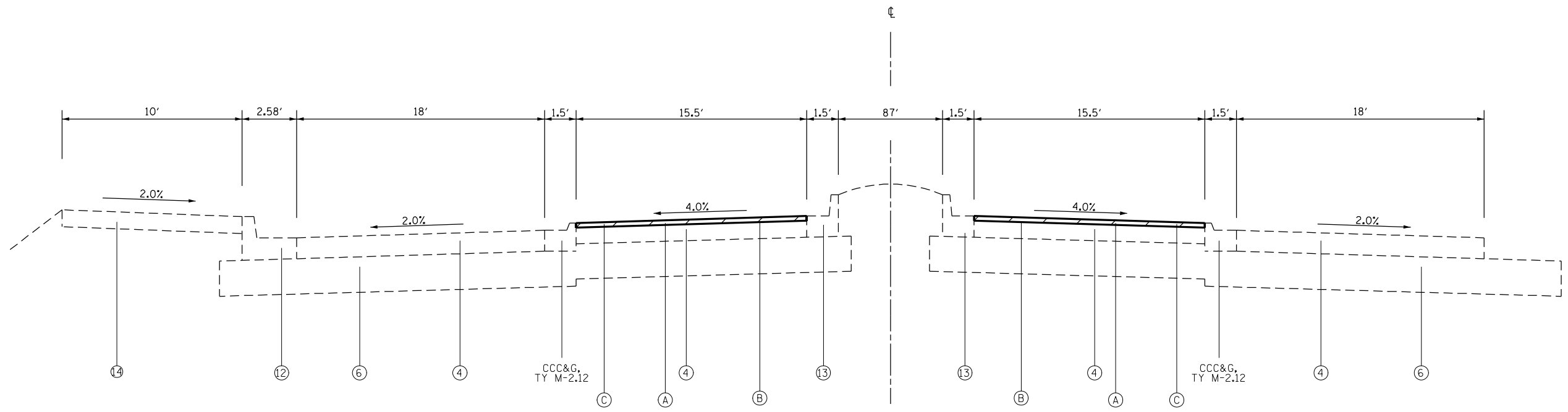
POPLAR STREET
STA. 56+00 TO STA. 56+55



**DETAIL "A" SHALL BE APPLIED
ALONG THE LANE JOINTS OF PAVEMENT

LEGEND

- 1 EXISTING P.C.C. PAVEMENT 10-8-10
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- E PROPOSED HOT MIX ASPHALT SHOULDER OVERLAY - 1½"
- F PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B



ROUNDBOUT CROSS SECTION

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USER NAME = challandeske	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/7/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
POPLAR STREET / ROUNDBOUT

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793	33-1R5-3	MADISON	32	12
			CONTRACT NO. 76P24	
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING SCHEDULE

STA.	TO	STA.	COMMENTS	TEMPORARY PAVEMENT MARKING					PAVEMENT	THERMOPLASTIC PAVEMENT MARKING				
				LETTERS & SYMBOLS-PAINT	WHITE LINE 4" - PAINT	YELLOW LINE 4" - PAINT	LINE 12" - PAINT	LINE 24" - PAINT	MARKING REMOVAL WATER BLASTING	LETTERS & SYMBOLS	LINE 4" WHITE	LINE 4" YELLOW	LINE 12"	LINE 24"
				SQ FT	FOOT	FOOT	FOOT	FOOT	SQ FT	SQ FT	FOOT	FOOT	FOOT	FOOT
851+56.00	TO	856+69.30	PAINTED GORE	0	1006.6	2013.2	72	0	1079		1006.6	2013.2	72	
856+59.30	TO	858+38.87	NP BOTH	0	339.14	339.14	0	0	226		339.1	339.1		
858+38.87	TO	863+82.13	NP WB	0	1086.52	679.075	0	0	589		1086.5	679.1		
863+82.13	TO	867+39.91	PASSING BOTH	0	715.56	89.445	0	0	268		715.6	89.4		
867+39.91	TO	870+71.36	NP BOTH	0	662.9	662.9	0	0	442		662.9	662.9		
870+71.36	TO	872+69.87	PAINTED GORE	12	397.02	794.04	91	80	540	12	397.0	794.0	91	80
872+69.87	TO	875+36.49	ROUNDAABOUT	0	533.24	266.62	0	0	267		533.2	266.6		
875+36.49	TO	877+46.39	PAINTED GORE	12	419.8	839.6	91	80	563	12	419.8	839.6	91	80
877+46.39	TO	880+67.91	NP BOTH	0	643.04	643.04	0	0	429		643.0	643.0		
880+67.91	TO	892+22.78	PASSING BOTH	0	2309.7	288.7	0	0	866		2309.7	288.7		
892+22.78	TO	896+72.94	NP EB	0	900.32	562.7	0	0	488		900.3	562.7		
896+72.94	TO	900+54.26	PAINTED GORE	0	762.64	1525.28	75	0	838		762.6	1525.3	75	
900+54.26	TO	901+41.49	NO CL MARKING- INTERSECTION	0	87.23	0	0	0	29		87.2			
901+41.49	TO	904+02.40	LEFT TURN LANE AT IL 160	31.2	782.73	521.82	0	0	466	31.2	782.7	521.8		
904+02.40	TO	908+39.07	PAINTED GORE	0	873.34	1746.68	114	0	987		873.3	1746.7	114	
908+39.07	TO	909+93.80	LEFT TURN LANE	31.2	464.19	309.46	0	0	289	31.2	464.2	309.5		
909+93.80	TO	910+42.42	NO CL MARKING- INTERSECTION	0	97.24	0	0	0	32		97.2			
910+42.42	TO	913+35.39	PAINTED GORE	0	585.94	1171.88	89	0	675		585.9	1171.9	89	
913+35.39	TO	916+15.68	LEFT TURN LANE	46.8	840.87	560.58	0	24	526	46.8	840.9	560.6		24
916+15.68	TO	917+33.40	NO CL MARKING- INTERSECTION AT TROXLER	0	0	0	0	0	0					
917+33.40	TO	919+74.75	LEFT AND RIGHT TURN LANES	93.6	965.4	482.7	0	24	588	93.6	965.4	482.7		24
919+74.75	TO	925+94.55	PAINTED GORE	0	1239.6	2479.2	145	0	1385		1239.6	2479.2	145	
925+94.55	TO	926+72.65	NP BOTH	0	156.2	156.2	0	0	104		156.2	156.2		
926+72.65	TO	932+32.99	NP EB	0	1120.68	700.425	0	0	607		1120.7	700.4		
932+32.99	TO	935+75.41	PASSING BOTH	0	684.84	85.605	0	0	257		684.8	85.6		
935+75.41	TO	943+06.13	NP WB	0	1461.44	913.4	0	0	792		1461.4	913.4		
943+06.13	TO	959+30.41	PASSING BOTH	0	3248.56	406.07	0	0	1218		3248.6	406.1		
959+30.41	TO	970+20.59	NP EB	0	2180.36	1362.725	0	0	1181		2180.4	1362.7		
970+20.59	TO	986+83.07	NP BOTH	0	3324.96	3324.96	0	0	2217		3325.0	3325.0		
986+83.07	TO	990+69.12	PAINTED GORE	0	772.1	1544.2	0	0	772		772.1	1544.2		
990+69.12	TO	991+80.37	LEFT TURN LANE AT COUNTRY CLUB LN	31.2	333.75	222.5	106	0	323	31.2	333.8	222.5	106	
991+80.37	TO	992+21.64	NO CL MARKING- INTERSECTION	0	41.27	0	0	0	14		41.3			
992+21.64	TO	996+63.85	PAINTED GORE	0	884.42	1768.84	92	0	976		884.4	1768.8	92	
996+63.85	TO	1001+50.30	NP WB	0	972.9	608.0625	0	0	527		972.9	608.1		
1001+50.30	TO	1028+44.83	PASSING BOTH	0	5389.06	673.6325	0	0	2021		5389.1	673.6		
44+49.84	TO	27+30.44	PASSING BOTH AND RIGHT TURN LANE	0	1934.4	429.85	31.2	0	819		1934.4	429.9	31.2	
27+30.44	TO	16+55.24	NP EB	0	2150.4	1344	0	0	1165		2150.4	1344.0		
16+55.24	TO	13+93.67	NP BOTH	0	523.14	523.14	0	0	349		523.1	523.1		
13+93.67	TO	8+23.00	NP WB	0	1141.34	713.3375	0	0	618		1141.3	713.3		
58+15.00	TO	61+86.82	IL 160	12	0	0	38	80	90	12			38	80
56+00.00	TO	56+55.00	POPLAR STREET	12	0	0	38	80	90	12			38	80
00+00.00	TO	00+20.00	RICHIARD DRIVE	0	0	0	0	0	0					
00+00.00	TO	00+40.00	IL 143	0	80	10	0	38	49		80	10		38
SUB-TOTAL				282	42113	30763	982	406	25759	282	42113	30763	982	406
TOTALS				282	72876		982	406	25759	282	72876		982	406

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	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/7/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793	33-1R5-3	MADISON	32	13
CONTRACT NO. 76P24				
		ILLINOIS	FED. AID PROJECT	

PAVEMENT MARKING SCHEDULE

STATION	TO	STATION	COMMENTS	SHORT TERM	SHORT TERM	RAISED	RAISED REFLECTIVE
				PAVEMENT MARKING	PAVEMENT MARKING REMOVAL	REFLECTIVE PAVEMENT MARKER	PAVEMENT MARKER REMOVAL
				FOOT	SQ FT	EACH	EACH
851+66.00	TO	856+69.30	PAINTED GORE	88	15	6	6
856+69.30	TO	858+38.87	NP BOTH	32	5	2	2
858+38.87	TO	863+82.13	NP WB	96	16	7	7
863+82.13	TO	867+39.91	PASSING BOTH	64	11	4	4
867+39.91	TO	870+71.36	NP BOTH	64	11	4	4
870+71.36	TO	872+69.87	PAINTED GORE	40	7	2	2
872+69.87	TO	875+36.49	ROUNDABOUT	48	8	3	3
875+36.49	TO	877+46.39	PAINTED GORE	40	7	3	3
877+46.39	TO	880+67.91	NP BOTH	56	9	4	4
880+67.91	TO	892+22.78	PASSING BOTH	208	35	14	14
892+22.78	TO	896+72.94	NP EB	80	13	6	6
896+72.94	TO	900+54.26	PAINTED GORE	72	12	5	5
900+54.26	TO	901+41.49	NO CL MARKING-INTERSECTION	16	3	1	1
901+41.49	TO	904+02.40	LEFT TURN LANE AT IL 160	48	8	3	3
904+02.40	TO	908+39.07	PAINTED GORE	80	13	5	5
908+39.07	TO	909+93.80	LEFT TURN LANE	32	5	2	2
909+93.80	TO	910+42.42	NO CL MARKING-INTERSECTION	8	1	1	1
910+42.42	TO	913+35.39	PAINTED GORE	56	9	4	4
913+35.39	TO	916+15.68	LEFT TURN LANE	48	8	4	4
916+15.68	TO	917+33.40	NO CL MARKING-INTERSECTION AT TROXLER	24	4	1	1
917+33.40	TO	919+74.75	LEFT AND RIGHT TURN LANES	40	7	3	3
919+74.75	TO	925+94.55	PAINTED GORE	112	19	8	8
925+94.55	TO	926+72.65	NP BOTH	16	3	1	1
926+72.65	TO	932+32.99	NP EB	104	17	7	7
932+32.99	TO	935+75.41	PASSING BOTH	64	11	4	4
935+75.41	TO	943+06.13	NP WB	136	23	9	9
943+06.13	TO	959+30.41	PASSING BOTH	296	49	20	20
959+30.41	TO	970+20.59	NP EB	200	33	14	14
970+20.59	TO	986+83.07	NP BOTH	304	51	21	21
986+83.07	TO	990+69.12	PAINTED GORE	72	12	5	5
990+69.12	TO	991+80.37	LEFT TURN LANE AT COUNTRY CLUB LN	24	4	1	1
991+80.37	TO	992+21.64	NO CL MARKING-INTERSECTION	8	1	1	1
992+21.64	TO	996+63.85	PAINTED GORE	80	13	6	6
996+63.85	TO	1001+50.30	NP WB	88	15	6	6
1001+50.30	TO	1028+44.83	PASSING BOTH	488	81	34	34
44+49.84	TO	27+30.44	PASSING BOTH AND RIGHT TURN LANE	312	52	21	21
27+30.44	TO	16+55.24	NP EB	192	32	13	13
16+55.24	TO	13+93.67	NP BOTH	48	8	3	3
13+93.67	TO	8+23.00	NP WB	104	17	7	7
58+15.00		61+86.82	IL 160	64	11	5	5
56+00.00		56+55.00	POPLAR STREET	8	1	1	1
00+00.00		00+20.00	RICHARD DRIVE	0	0	0	0
00+00.00		00+40.00	IL 143	8	1	1	1
TOTALS				3968	661	272	272

PATCHING SCHEDULE

LOCATION	EB/WB	LENGTH	WIDTH	PAVEMENT PATCHING	
				TYPE II	TYPE III
				12"	
0.06	EB	4	12	5.3	
0.08	EB	12	12		16.0
0.08	WB	12	12		16.0
0.19	WB	6	12	8.0	
0.56	WB	50	4		22.2
0.58	WB	10	12	13.3	
3.44	WB	12	12		16.0
3.59	WB	4	12	5.3	
3.59	EB	4	12	5.3	
3.61	EB	4	12	5.3	
TOTAL				43	70

MP 0.0 IS 0.08 MI EAST OF WALNUT ST TO OIL AND CHIP AT 4.31 MI

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USER NAME = challandeske	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 2/7/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793	33-1RS-3	MADISON	32	14
CONTRACT NO. 76P24				
ILLINOIS FED. AID PROJECT				

ENTRANCES AND SIDE ROADS

STATION	L/R	LENGTH	WIDTH	TYPE	SURFACE TYPE	MAILBOX LEFT/RIGHT/	EXIST SHLDR	AGGREGATE SURFACE COURSE, TYPE B	TEMPORARY RAMP	INCIDENTAL HMA SURFACE	INCIDENTAL TACK COAT	
						ACROSS STREET	TYPE	TON	SQ YD	TON	POUND	
851+66.00		40		START OF PROJECT	HMA				22.2			
852+56.10	L	63.88	3	CE	CONCRETE	NONE	HMA		35.5	1.5	10	
853+55.72	R	67	3	CE	CONCRETE	NONE	HMA		37.2	1.5	10	
857+19.19	R	80	10	WOODCREST DR	CONCRETE	NONE	HMA		44.4	5.1	40	
857+83.80	L	20		FE	AGGREGATE	NONE	HMA					
865+24.85	R	70	10	FOREST DR	CONCRETE	NONE	HMA		38.9	5.1	35	
865+41.19	L	20		FE	AGGREGATE	NONE	HMA					
870+51.91	L	75	10	APEX DR	CONCRETE	NONE	CONCRETE		41.7			
882+25.56	R	40		FE	AGGREGATE	NONE	HMA					
901+29.00	R	132	10	SYCAMORE ST	HMA	NONE	HMA		73.3	9.3	66	
909+03.77	L	32		PE	AGGREGATE	R	HMA	0.9				
910+16.55	L	40	3	PE	HMA	NONE	HMA		22.2	1.1	6	
916+85.69	L/R	128		VETERANS MEMORIAL PKWY	CONCRETE	NONE	CONCRETE		71.1			
919+12.14	L	20		PE	AGGREGATE	NONE	HMA					
920+28.50	L	20		PE	AGGREGATE	NONE	HMA					
920+96.34	R	30		PE	AGGREGATE	L	HMA	0.9				
921+62.96	R	26		PE	AGGREGATE	L	HMA	0.9				
923+46.43	R	55	10	TOWER PARKE DRIVE	CONCRETE	NONE	HMA		30.6	4.2	28	
928+14.88	R	40	10	SUNSHINE LANE	OIL AND CHIP	NONE	HMA		22.2	4.2	20	
932+56.56	R	40	3	CE	HMA	L	HMA	0.9	22.2	1.1	6	
932+72.95	R	30	3	PE	HMA	L	HMA	0.9	16.7	0.8	5	
936+72.72	L	115	10	HILL ROAD	OIL AND CHIP	NONE	HMA		63.9	10.3	58	
936+72.72	R	62	10	VERRAZANNO	CONCRETE	NONE	HMA		34.4	6.1	31	
951+10.47	L	30		PE	AGGREGATE	R	HMA	0.9				
955+64.63	R	25		FE	EARTH	NONE	HMA					
958+41.99	R	36		PE	AGGREGATE	ACROSS STREET	HMA	0.9				
958+61.40	L	32		PE	AGGREGATE	NONE	HMA					
961+53.15	R	42	10	AMBERWOOD DRIVE	CONCRETE	NONE	HMA		23.3	3.3	21	
962+06.70	R	35		PE	AGGREGATE	NONE	HMA					
965+31.23	L	48	3	CE	CONCRETE	R	HMA	0.9	26.7	1.3	7	
971+11.03	L	50		PE	AGGREGATE	L	HMA	0.9				
982+33.83	L	25		FE	EARTH	R	HMA	0.9				
982+96.50	R	32	10	LAKESIDE DR	CONCRETE	R	HMA	0.9	17.8	3.3	16	
988+35.83	R	25	10	LAKERIDGE DR	CONCRETE	ACROSS STREET	HMA	0.9	13.9	3.3	13	
992+04.39	L	65	10	COUNTRY CLUB LN	HMA	NONE	HMA		36.1	6.1	33	
992+98.91	R	30		PE	AGGREGATE	L	HMA	0.9				
994+79.41	L	60	10	FAIRWAY DR	CONCRETE	NONE	HMA		33.3	5.1	30	
997+61.91	R	45	3	CE	CONCRETE	NONE	HMA		25.0	1.3	7	
998+87.48	L	33	3	FE	HMA	NONE	HMA		18.3	0.9	5	
1001+19.67	R	45	3	CE	CONCRETE	NONE	HMA		25.0	1.3	7	
1006+23.24	R	70	10	FINAL DR	OIL AND CHIP	NONE	HMA		38.9	5.2	35	
1009+29.78	L	40		FE	EARTH	NONE	HMA					
1009+33.48	R	22		FE	EARTH	NONE	HMA					
1011+20.84	R	22		FE	EARTH	NONE	HMA					
1015+31.76	L	38		FE	AGGREGATE	NONE	HMA					
41+59.38	L	25		PE	AGGREGATE	R	HMA	0.9				
35+90.00	L	142	10	RICHARDS ST	OIL AND CHIP	NONE	HMA		78.9	10.7	71	
35+90.00	R	24		IL 143 EB	HMA	NONE			13.3			
31+10.90	L	80	3	CE	HMA	NONE	HMA		44.4	2.2	12	
14+28.00		24		START OF OMISSION	HMA	NONE	HMA		13.3			
16+52.00		24		END OF OMISSION	HMA	NONE	HMA		13.3			
8+23.00		24		END OF PROJECT	HMA	NONE	HMA		13.3			
TOTAL :									12	1012	94	569

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	DRAWN -	REVISED -
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PLOT DATE = 2/7/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793	33-1R5-3	MADISON	32	15
CONTRACT NO. 76P24				
ILLINOIS FED. AID PROJECT				

PAVING SCHEDULE

				BITUMINOUS	HOT-MIX ASPHALT	HOT-MIX ASPHALT	HOT-MIX ASPHALT	LONGITUDINAL	AGGREGATE
				MATERIALS	SURFACE COURSE	SURFACE	SHOULDERS	JOINT	WEDGE
				(TACK COAT)	IL 9.5, MIX "D",N70	REMOVAL 1½"		SEALANT	SHOULDER, TYPE B
STATION	TO	STATION	NOTES	POUND	TON	SQ YD	TON	FOOT	TON
851+66.00	TO	867+10.80		3785	620	8411	87	1545	57.7
867+10.80	TO	872+15.00		807	113	1793	38	504	18.8
872+15.00	TO	875+35.00	ROUNDABOUT	576	108	1280	0	0	0
875+35.00	TO	880+50.00		824	115	1831	38	515	19.2
880+50.00	TO	896+00.00		2170	318	4822	87	1550	57.9
896+00.00	TO	898+43.50		463	73	1028	14	487	9.1
898+43.50	TO	900+87.00		463	73	1028	14	487	9.1
900+87.00	TO	909+95.00		1634	254	3632	51	1816	33.9
909+95.00	TO	915+90.00		833	122	1851	33	595	22.2
915+90.00	TO	925+14.00		2264	371	5031	0	924	
925+14.00	TO	952+51.00		3832	562	8515	0	2737	
952+51.00	TO	970+88.00		4501	737	10001	103	1837	68.6
970+88.00	TO	971+18.00		42	6	93	2	30	1.1
971+18.00	TO	982+67.00		1609	236	3575	64	1149	42.9
982+67.00	TO	996+04.00		1872	349	5051	75	2674	49.9
996+04.00	TO	1025+59.00		4137	607	9193	165	2955	110.3
1025+59.00	TO	1028+55.99		728	119	1617	17	297	11.1
44+49.84	TO	14+28.00		4533	677	10073	169	3022	112.8
14+28.00	TO	16+52.00	STRUCTURE OMISSION						
16+52.00	TO	8+23.00		1244	186	2763	46	829	30.9
56+00.00	TO	56+55.00	CURB/GUTTER	66	12	147			
56+55.00	TO	58+15.00	ROUNDABOUT						
58+15.00	TO	58+70.00	CURB/GUTTER	66	12	147			
58+70.00	TO	59+00.00	CURB/GUTTER	36	7	80		60	
59+00.00	TO	60+70.00	IL 160	272	38	604	13	340	6.3
60+70.00	TO	61+86.82	IL 160	187	26	415	9	117	4.4
00+00.00	TO	00+40.00	IL 143	150	28	333	3.0	40	1.5
TOTAL				37091	5770	83315	1027	24510	668

GUARDRAIL SCHEDULE

				STEEL PLATE	STEEL PLATE	TRAFFIC BARRIER	GUARDRAIL			STONE DUMPED	
				BEAM GUARDRAIL	BEAM GUARDRAIL	TERMINAL, TYPE 1	TERMINAL MARKER	REFLECTORS	GUARDRAIL	GUARDRAIL	RIPRAP,
				TYPE A, 9' POST	TYPE A, 6' POST	(SPECIAL) TANGENT	DIRECT APPLIED	TYPE A	REMOVAL	REMOVAL SPECIAL	CLASS A1
STATION	TO	STATION	LEFT/RIGHT	FOOT	FOOT	EACH	EACH	EACH	FOOT	FOOT	SQ YD
865+25.00	TO	869+14.00	RIGHT		300	2	2	4	389		
973+95.00	TO	981+47.00	RIGHT	662.5		2	2	4		752	133.3
TOTAL				662.5	300	4	4	8	389	752	133

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SIGN SCHEDULE

SIGN LOCATION	SIGN 1	SIGN 2	POST MIN	TELESCOPING	BASE FOR	REMOVE	REMOVE AND
	HEIGHT	HEIGHT	HEIGHT	STEEL SIGN	TELESCOPING STEEL	GROUND MOUNTED	RELOCATE SIGN
	FEET	FEET	FEET	SUPPORT	SIGN SUPPORT	SIGN SUPPORT	(SPECIAL)
				FOOT	EACH	EACH	EACH
A	2.5	1	7	11	1	1	2
B	3		7	10	1	1	1
C	2.5		7	10	1	1	1
D	2.5	1	7	11	1	1	2
E	3		7	10	1	1	1
F	2.5		7	10	1	1	1
G	2.5	1	7	11	1	1	2
H	2.5	1	7	11	1	1	2
I	3		7	10	1	1	1
J	2.5		7	10	1	1	1
K	2.5	1	7	11	1	1	2
L	3		7	10	1	1	1
M	2.5		7	10	1	1	1
TOTAL				131	13	13	18

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PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/7/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUNDABOUT SIGN KEY AND SCHEDULE			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793	33-1R5-3	MADISON	32	17
CONTRACT NO. 76P24				
ILLINOIS FED. AID PROJECT				

SIDEWALK, CURB RAMP SCHEDULE					
LOCATION	PC CONCRETE SIDEWALK 4 INCH.	SUBBASE GRANULAR MATERIAL, TYPE B, 4"	DETECTABLE WARNINGS	SAW CUTS	COMB. CONC. CURB & GUTTER, TY B-6.24 (ABUTTING EX PAVEMENT)
	SQ FT	SQ YD	SQ FT	FOOT	FOOT
North Quadrant - East Ramp	247	28	24	48	32
North Quadrant - Cut Through Ramp	71	8	39	49	21
North Quadrant - West Ramp	312	35	24	56	40
East Quadrant - North Ramp	226	26	24	46	30
East Quadrant - Cut Through Ramp	71	8	40	50	21
East Quadrant - South Ramp	189	21	24	43	27
South Quadrant - East Ramp	252	28	24	57	31
South Quadrant - Cut Through Ramp	75	9	40	52	22
South Quadrant - West Ramp	281	32	25	52	26
West Quadrant - South Ramp	315	35	25	10	
West Quadrant - Cut Through Ramp	74	9	40	50	21
West Quadrant - North Ramp	317	36	25	10	
TOTAL	2430	275	354	523	271

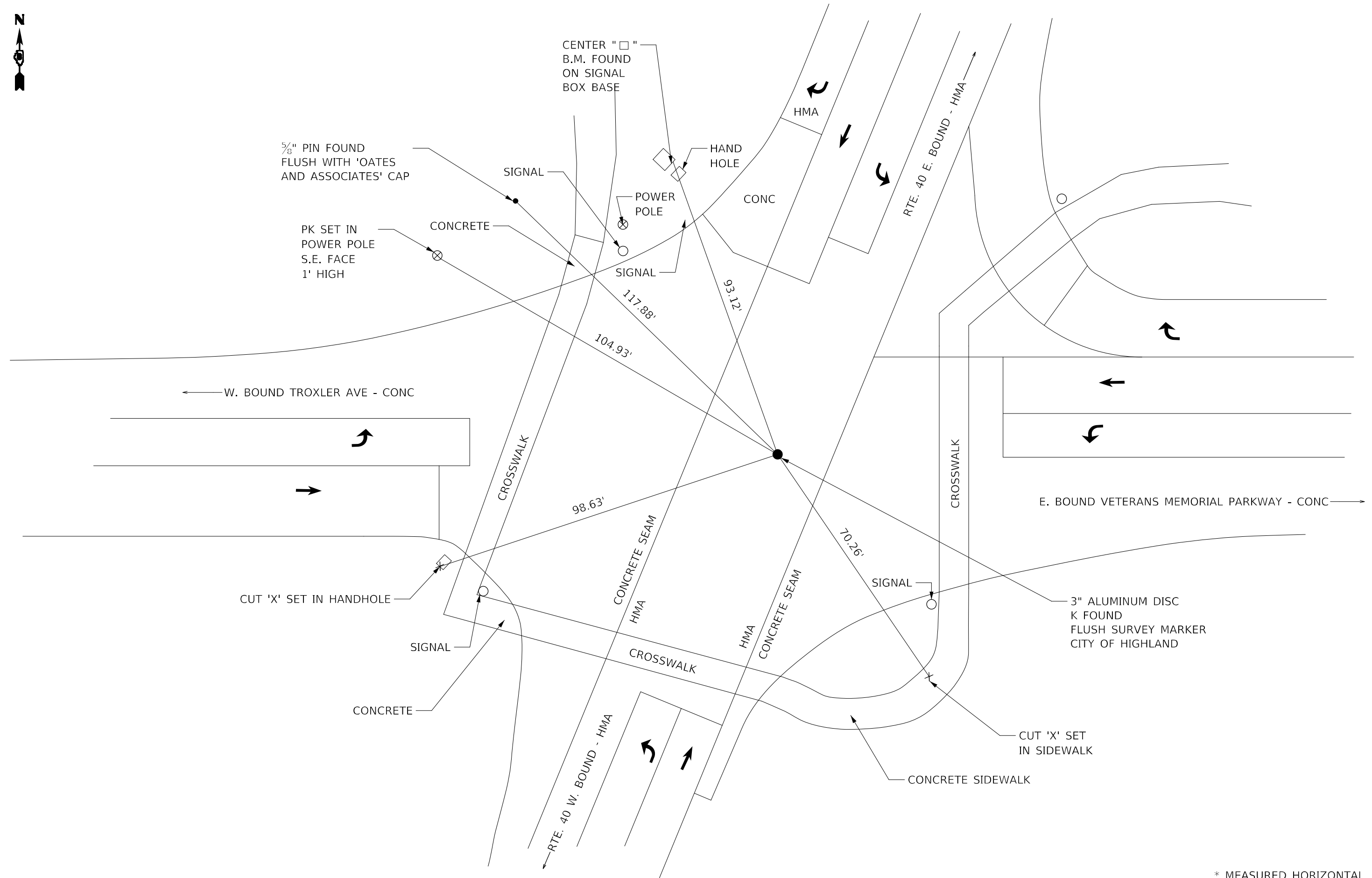
*** SEE SHEET: SOUTH WEST QUADRANT AT TROXLER AVENUE/IL 143
FOR REMAINDER OF PC CONCRETE SIDEWALK, 4" QUANTITY.**

SIDEWALK, CURB RAMP REMOVAL SCHEDULE		
LOCATION	COMBINATION CONCRETE CURB AND GUTTER REMOVAL	SIDEWALK REMOVAL
	FOOT	SQ FT
North Quadrant - East Ramp	32	271
North Quadrant - Cut Through Ramp	21	110
North Quadrant - West Ramp	40	336
East Quadrant - North Ramp	30	250
East Quadrant - Cut Through Ramp	21	111
East Quadrant - South Ramp	27	213
South Quadrant - East Ramp	31	276
South Quadrant - Cut Through Ramp	22	115
South Quadrant - West Ramp	26	306
West Quadrant - South Ramp		340
West Quadrant - Cut Through Ramp	21	114
West Quadrant - North Ramp		342
TOTAL	271	2784

*** SEE SHEET: SOUTH WEST QUADRANT AT TROXLER AVENUE/IL 143
FOR REMAINDER OF SIDEWALK REMOVAL QUANTITY.**

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DRAWING: 11502467.dwg
DATE: 2/7/2022

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	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -			793	33-1RS-3	MADISON	32	18
	PLOT DATE = 2/7/2022	CHECKED -	REVISED -			CONTRACT NO. 76P24				
		DATE -	REVISED -			ILLINOIS	FED. AID PROJECT			
		SCALE:			SHEET OF SHEETS	STA.	TO STA.			



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* MEASURED HORIZONTAL

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PLOT DATE = 2/7/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

3-POINT TIE			
SCALE: NONE	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE. 793	SECTION 33-1R5-3	COUNTY MADISON	TOTAL SHEETS 32	SHEET NO. 19
CONTRACT NO. 76P24				
ILLINOIS FED. AID PROJECT				



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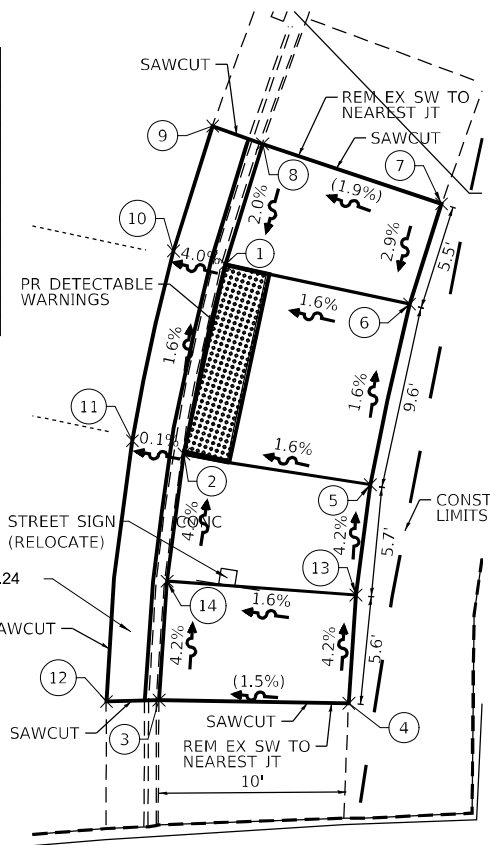
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

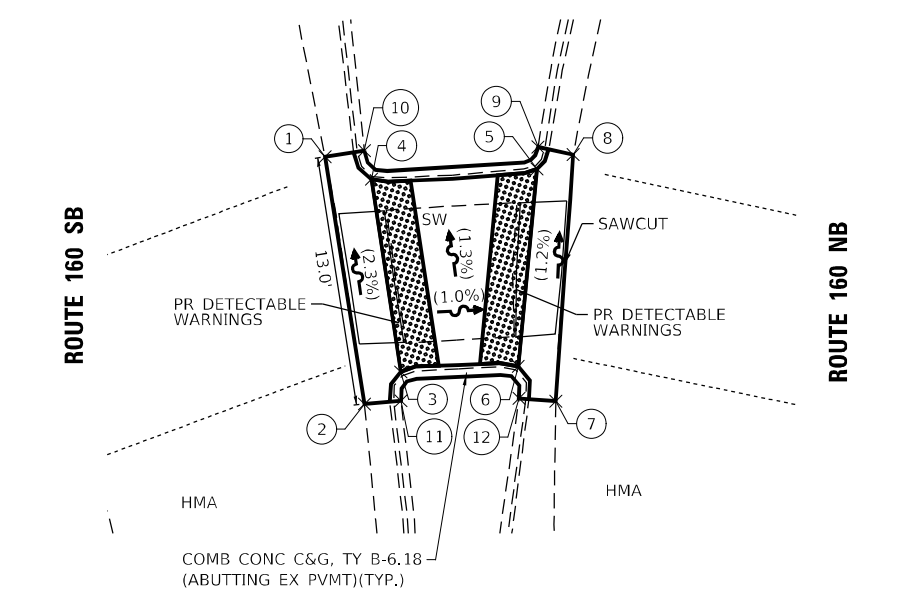
ROUNDABOUT CURB RAMP DETAILS KEY			
SCALE: NTS	SHEET 1	OF 4 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793	33-1R5-3	MADISON	32	20
CONTRACT NO. 76P24				
ILLINOIS FED. AID PROJECT				

POINT	NORTHING	EASTING	ELEV	DESCRIPTION
1	48713.64	177619.35	534.20	EX FL CURB
2	48703.76	177617.19	534.36	EX FL CURB
3	48690.93	177615.89	534.84	EX SIDEWALK
4	48690.77	177625.78	535.00	EX SIDEWALK
5	48702.16	177626.90	534.52	SIDEWALK
6	48711.56	177628.95	534.36	SIDEWALK
7	48716.79	177630.61	534.52	EX SIDEWALK
8	48719.91	177621.29	534.33	EX SIDEWALK
9	48720.84	177618.69	533.99	EOP
10	48714.34	177616.65	534.09	EOP
11	48704.45	177614.51	534.35	EOP
12	48690.87	177613.16	534.53	EOP
13	48696.41	177626.15	534.76	SIDEWALK
14	48697.13	177616.31	534.60	EX FL CURB

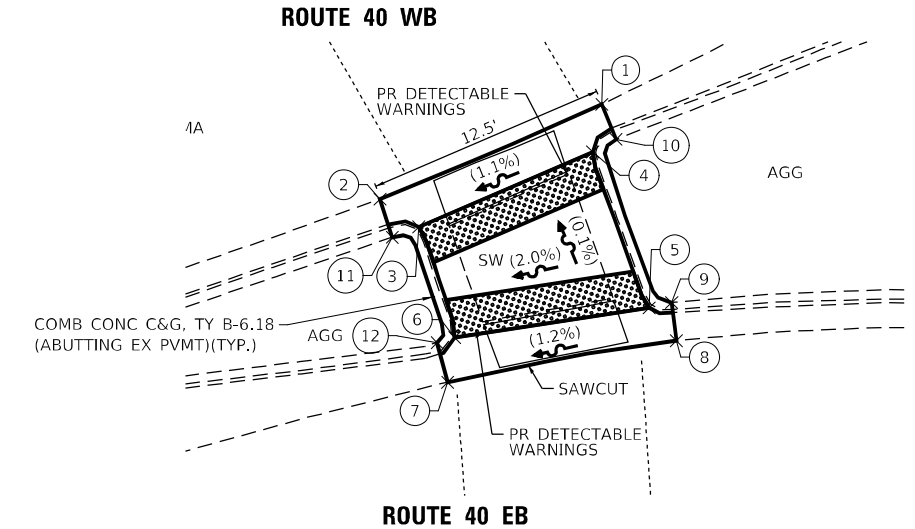


SOUTH QUADRANT EAST RAMP



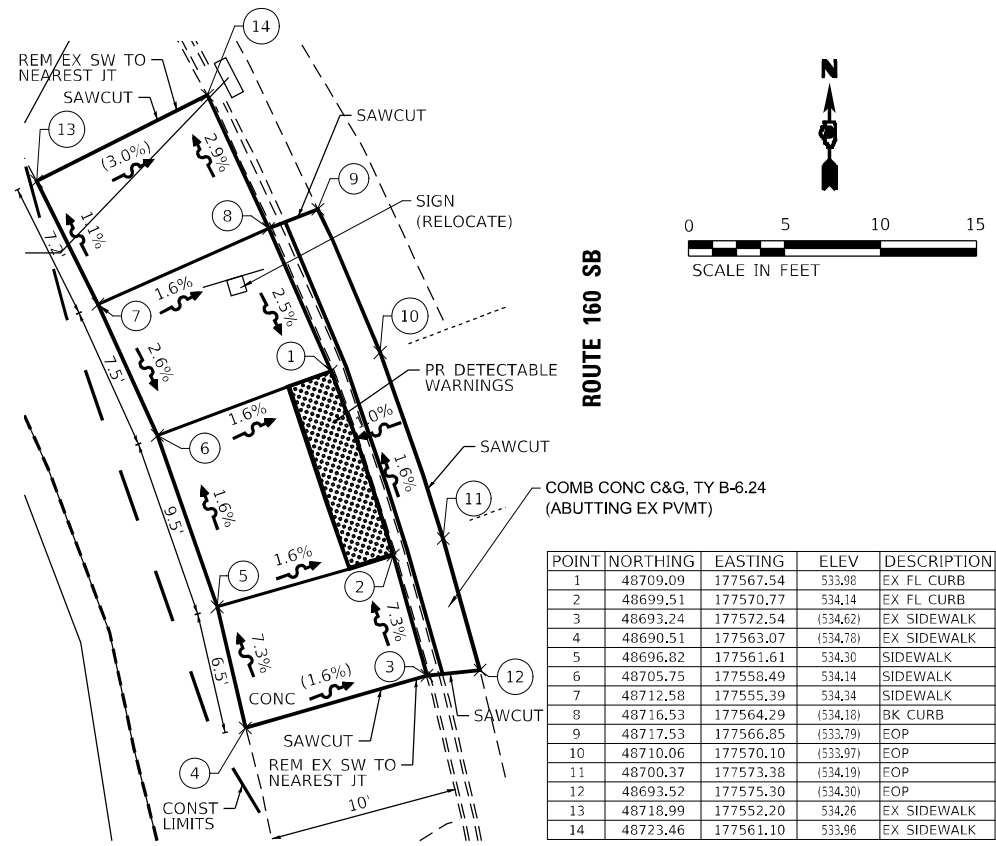
SOUTH QUADRANT CUT-THROUGH

POINT	NORTHING	EASTING	ELEV	DESCRIPTION
1	48717.82	177588.79	534.39	EOP
2	48704.94	177590.84	534.55	EOP
3	48706.62	177592.74	534.62	BK CURB
4	48716.66	177591.21	534.52	BK CURB
5	48717.19	177599.83	534.48	BK CURB
6	48706.90	177598.86	534.61	BK CURB
7	48705.09	177600.81	534.54	EOP
8	48717.94	177601.71	534.94	EOP
9	48718.33	177599.89	534.93	BK CURB
10	48718.14	177590.84	534.94	BK CURB
11	48705.11	177592.75	535.12	BK CURB
12	48705.24	177598.90	535.10	BK CURB



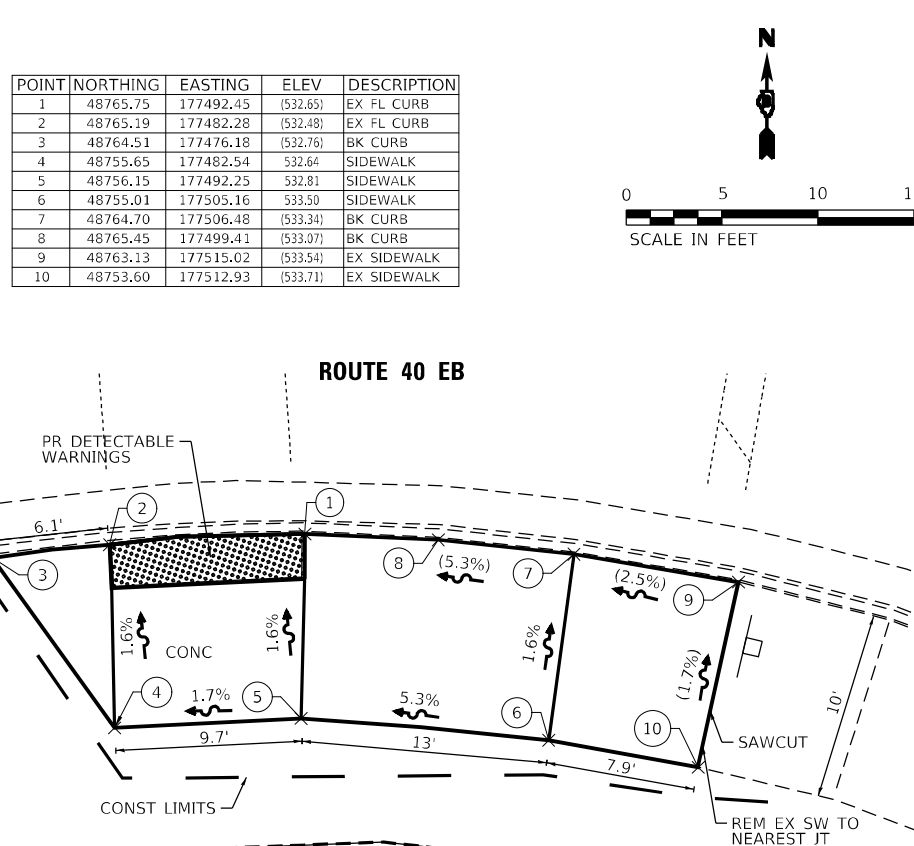
WEST QUADRANT CUT-THROUGH

POINT	NORTHING	EASTING	ELEV	DESCRIPTION
1	48796.07	177488.77	533.02	EOP
2	48791.14	177477.22	532.85	EOP
3	48789.70	177479.24	532.98	BK CURB
4	48793.60	177488.30	533.08	BK CURB
5	48785.48	177491.25	533.07	BK CURB
6	48783.83	177481.11	532.94	EOP
7	48781.59	177480.74	532.82	EOP
8	48783.77	177492.66	532.99	BK CURB
9	48785.75	177492.41	533.54	BK CURB
10	48794.25	177489.52	533.56	BK CURB
11	48789.15	177477.86	533.33	BK CURB
12	48783.66	177480.19	533.32	BK CURB

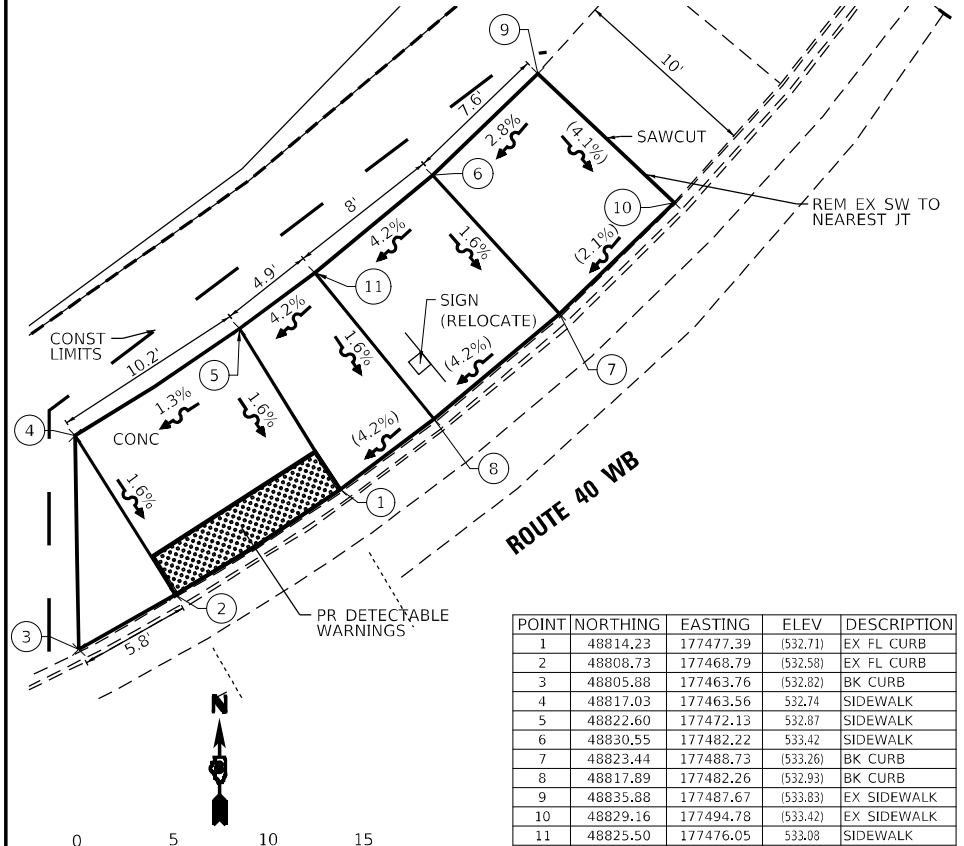


SOUTH QUADRANT WEST RAMP

POINT	NORTHING	EASTING	ELEV	DESCRIPTION
1	48709.09	177567.54	533.98	EX FL CURB
2	48699.51	177570.77	534.14	EX FL CURB
3	48693.24	177572.54	534.62	EX SIDEWALK
4	48690.51	177563.07	534.78	EX SIDEWALK
5	48696.82	177561.61	534.30	SIDEWALK
6	48705.75	177558.49	534.14	SIDEWALK
7	48712.58	177555.39	534.34	SIDEWALK
8	48716.53	177564.29	534.18	BK CURB
9	48717.53	177566.85	533.79	EOP
10	48710.06	177570.10	533.97	EOP
11	48700.37	177573.38	534.19	EOP
12	48693.52	177575.30	534.30	EOP
13	48718.99	177552.20	534.76	EX SIDEWALK
14	48723.46	177561.10	533.96	EX SIDEWALK

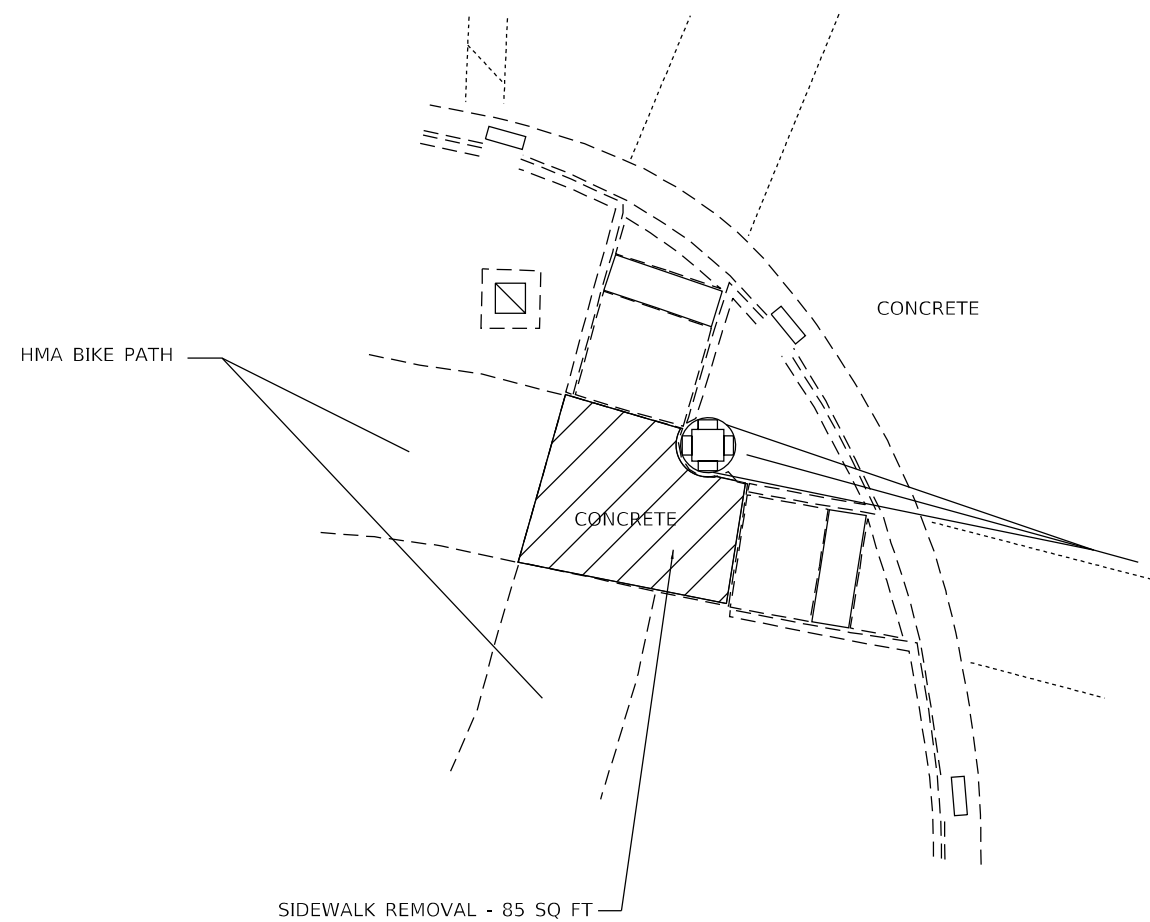


WEST QUADRANT SOUTH RAMP

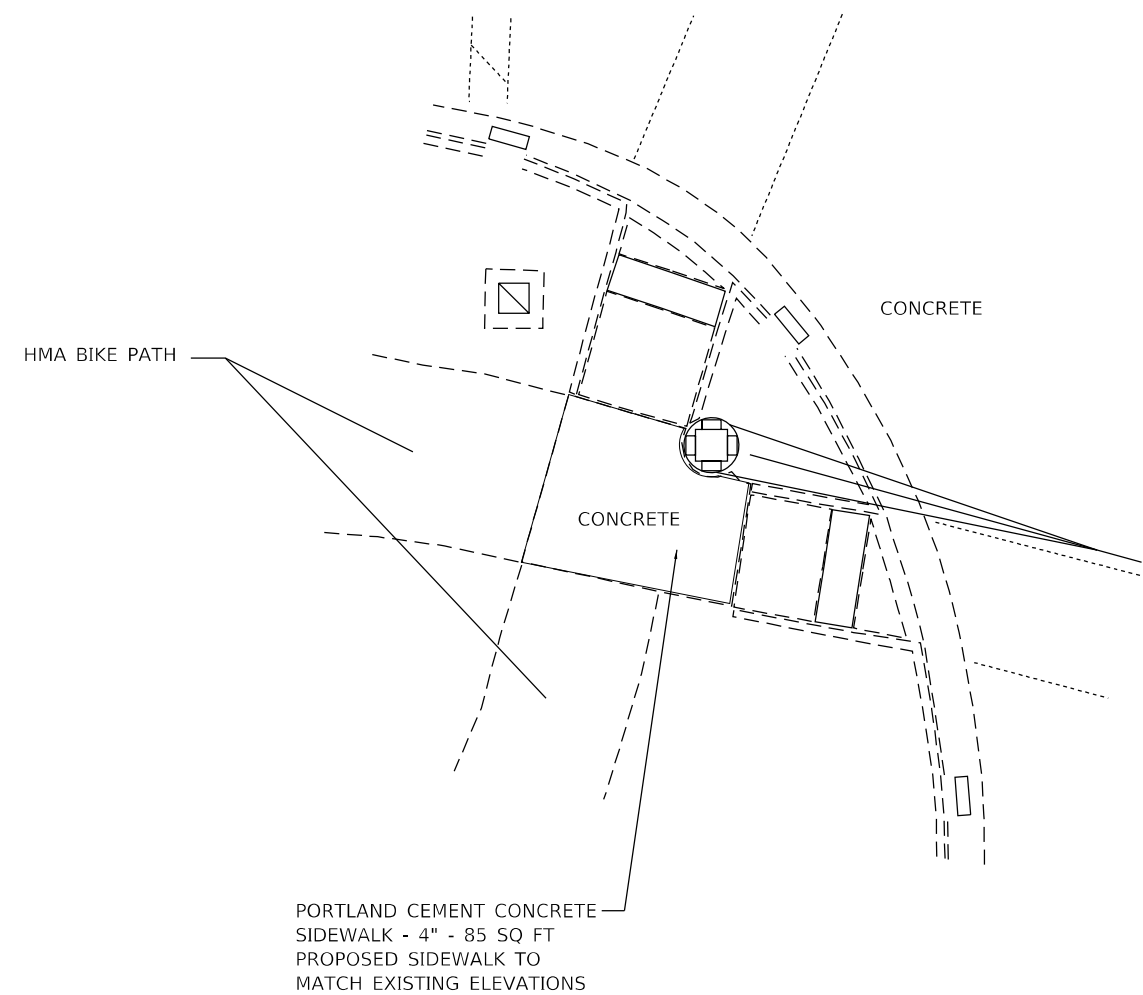


WEST QUADRANT NORTH RAMP

POINT	NORTHING	EASTING	ELEV	DESCRIPTION
1	48814.23	177477.39	532.71	EX FL CURB
2	48808.73	177468.79	532.58	EX FL CURB
3	48805.88	177463.76	532.82	BK CURB
4	48817.03	177463.56	532.74	SIDEWALK
5	48822.60	177472.13	532.87	SIDEWALK
6	48830.55	177482.22	533.42	SIDEWALK
7	48823.44	177488.73	533.26	BK CURB
8	48817.89	177482.26	532.93	BK CURB
9	48835.88	177487.67	533.83	EX SIDEWALK
10	48829.16	177494.78	533.42	EX SIDEWALK
11	48825.50	177476.05	533.08	SIDEWALK



EXISTING



PROPOSED

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	DRAWN -	REVISED -
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PLOT DATE = 2/7/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SOUTH WEST QUADRANT AT TROXLER AVENUE/143
CONCRETE REMOVAL AND REPLACEMENT**

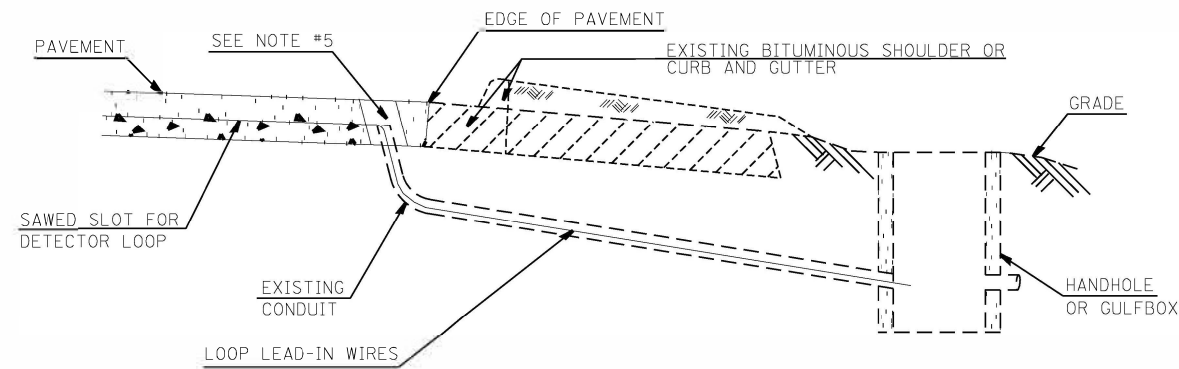
SCALE: NTS SHEET 4 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793	33-1R5-3	MADISON	32	23
CONTRACT NO. 76P24				
ILLINOIS FED. AID PROJECT				

NOTES:

SEE TABLE "DETECTOR LOOP REQUIREMENTS AND CALCULATIONS"
FOR LOOP SIZE AND CALCULATED NUMBER OF TURNS.
SEE "DETAIL A" FOR INSTALLING DETECTOR LOOP WIRES
IN EXISTING CONDUITS.

SCHEDULE OF QUANTITIES			TOTAL QUANTITIES	U.S. 40 AND VETERANS MEMORIAL PKWY.
CODE NO.	ITEM	UNIT		
88600500	DETECTOR LOOP REPLACEMENT	FOOT	875	875



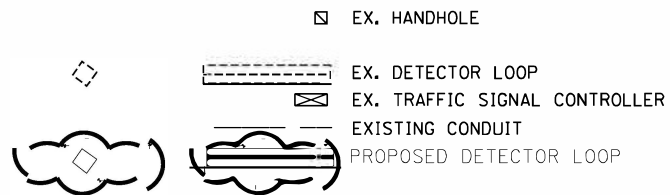
DETAIL A
(NO SCALE)

INSTALLING DETECTOR LOOP WIRES IN EXISTING CONDUIT

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

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

DETECTOR LOOP REPLACEMENT LEGEND



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

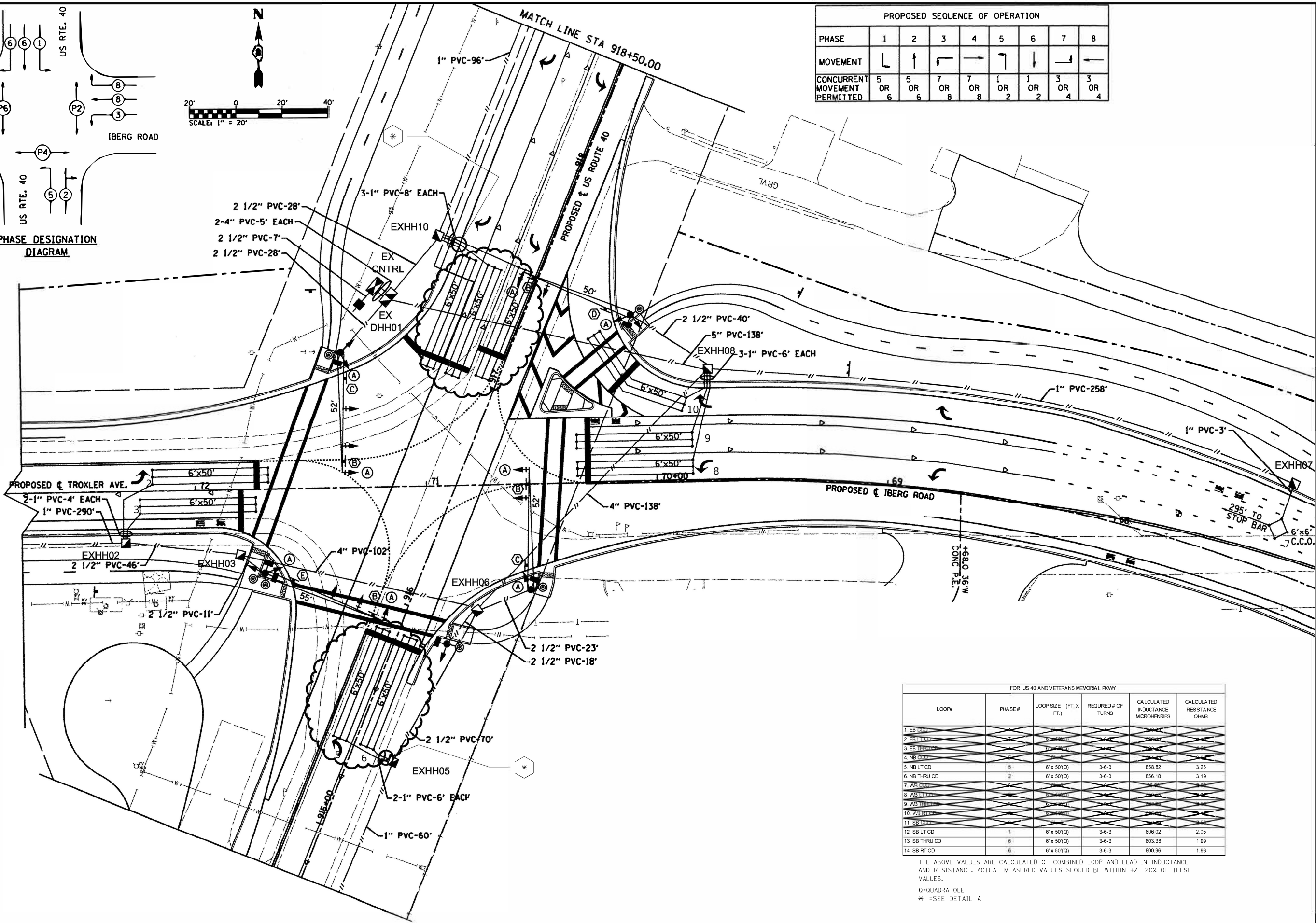
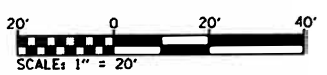
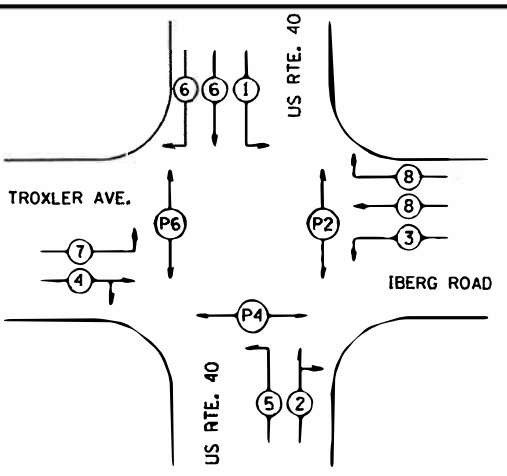
**DETECTOR LOOP REPLACEMENT
GENERAL NOTES, SCHEDULE OF QUANTITIES,
DETAIL AND LEGEND**

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

F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793	33-1RS-3	MADISON	32	24
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76P24	

PROPOSED SEQUENCE OF OPERATION								
PHASE	1	2	3	4	5	6	7	8
MOVEMENT	↙	↕	↘	→	↗	↘	↕	↙
CONCURRENT MOVEMENT PERMITTED	5 OR 6	5 OR 6	7 OR 8	7 OR 8	1 OR 2	1 OR 2	3 OR 4	3 OR 4

PHASE DESIGNATION DIAGRAM



FOR US 40 AND VETERANS MEMORIAL PKWY					
LOOP#	PHASE#	LOOP SIZE (FT X FT)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES	CALCULATED RESISTANCE OHMS
1	EB LT CD				
2	EB LT THRU CD				
3	EB THRU CD				
4	NB CD				
5	NB LT CD	6' x 50'(Q)	3-6-3	858.82	3.25
6	NB THRU CD	6' x 50'(Q)	3-6-3	856.18	3.19
7	WB CD				
8	WB LT CD				
9	WB THRU CD				
10	SB CD				
11	SB CD				
12	SB LT CD	6' x 50'(Q)	3-6-3	806.02	2.05
13	SB THRU CD	6' x 50'(Q)	3-6-3	803.38	1.99
14	SB RT CD	6' x 50'(Q)	3-6-3	800.96	1.93

THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.
 Q=QUADRAPOLE
 * =SEE DETAIL A

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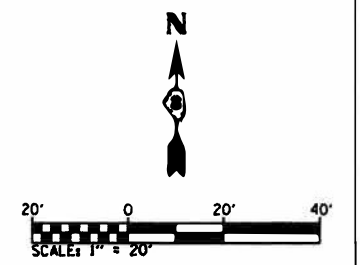
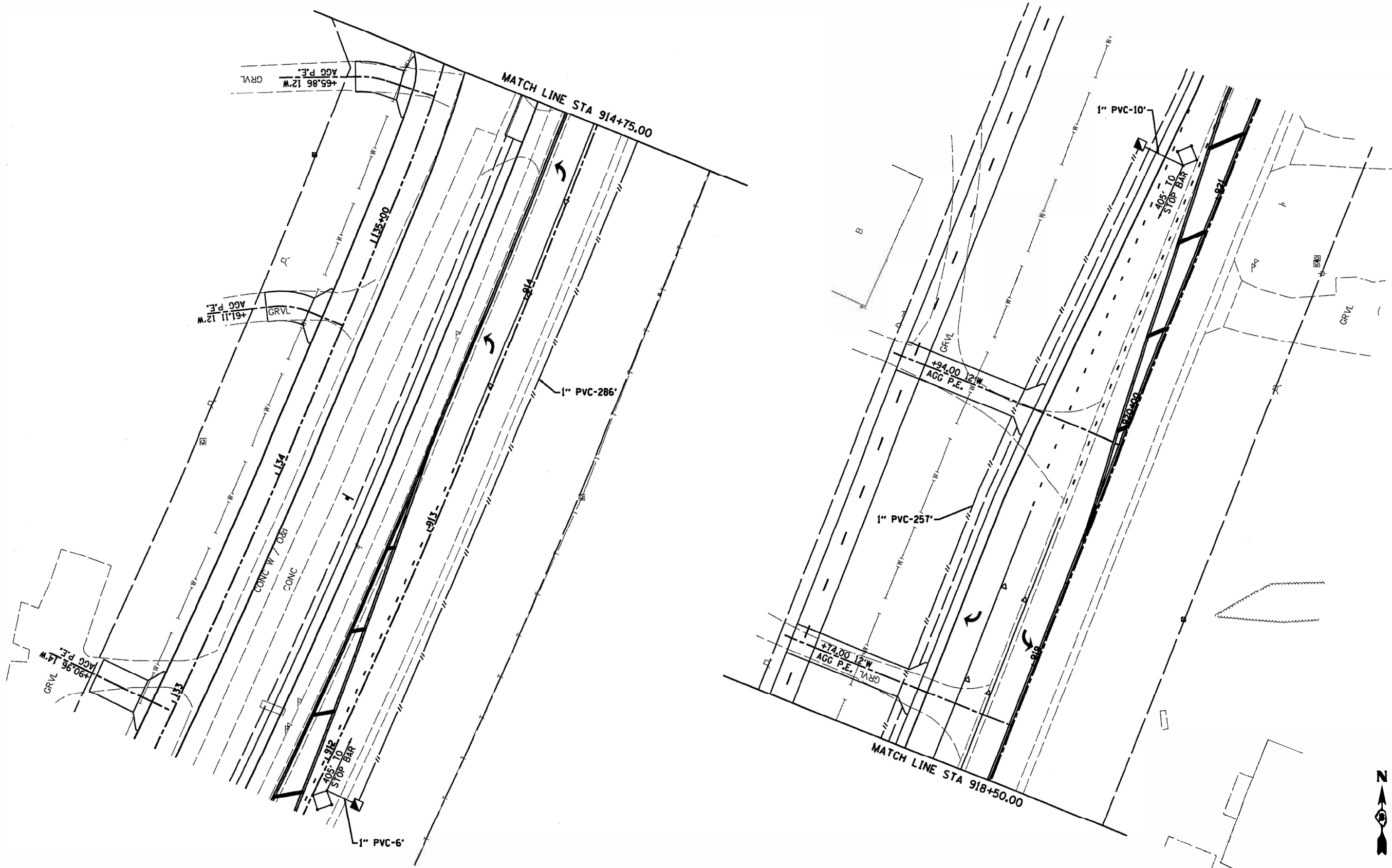
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US 40 AND VETERANS MEMORIAL PKWY.
DETECTOR LOOP REPLACEMENT PLAN (1 OF 2)**

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

F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793	33-1RS-3	MADISON	32	25
CONTRACT NO. 76P24				
ILLINOIS FED. AID PROJECT				



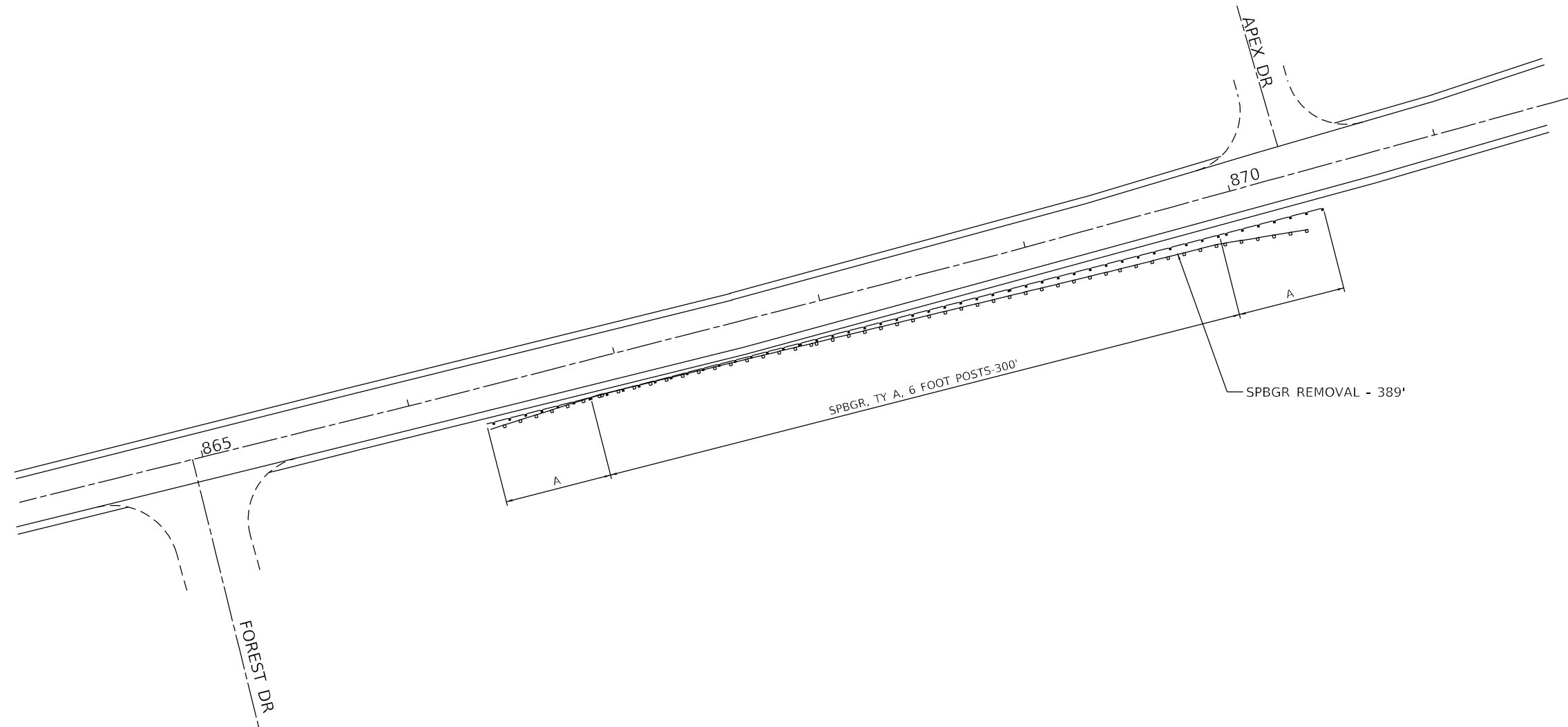
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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: SHEET 3 OF 3 SHEETS STA. TO STA.		US 40 AND VETERANS MEMORIAL PKWY. DETECTOR LOOP REPLACEMENT PLAN (2 OF 2)	
		F.A.P. 793	SECTION 33-1RS-3

COUNTY	TOTAL SHEETS	SHEET NO.
MADISON	32	26
CONTRACT NO. 76P24		
ILLINOIS FED. AID PROJECT		



A - TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT

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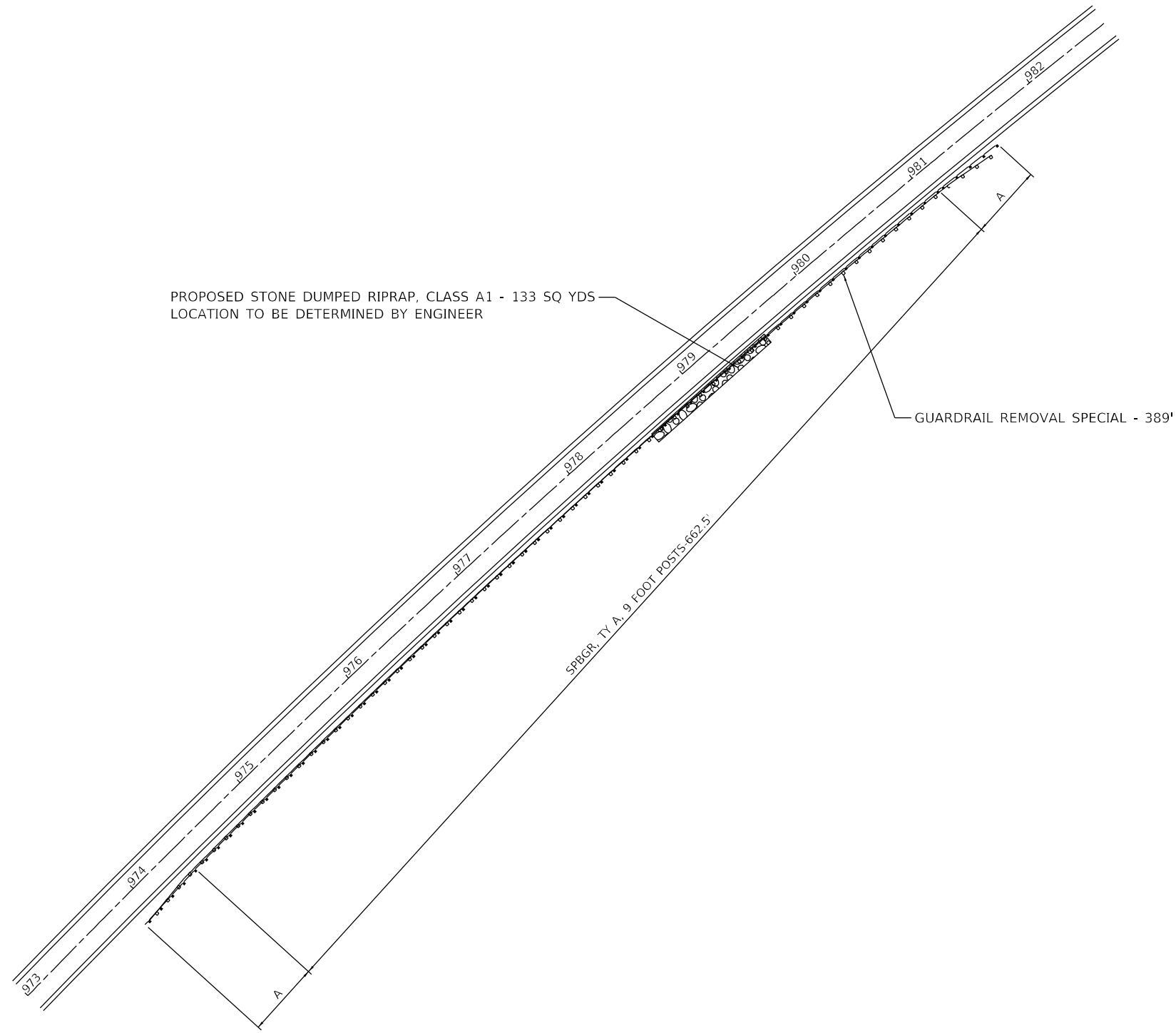
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GUARDRAIL DETAILS

SCALE: NTS SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793	33-1R5-3	MADISON	32	27
CONTRACT NO. 76P24				
ILLINOIS FED. AID PROJECT				



A - TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT

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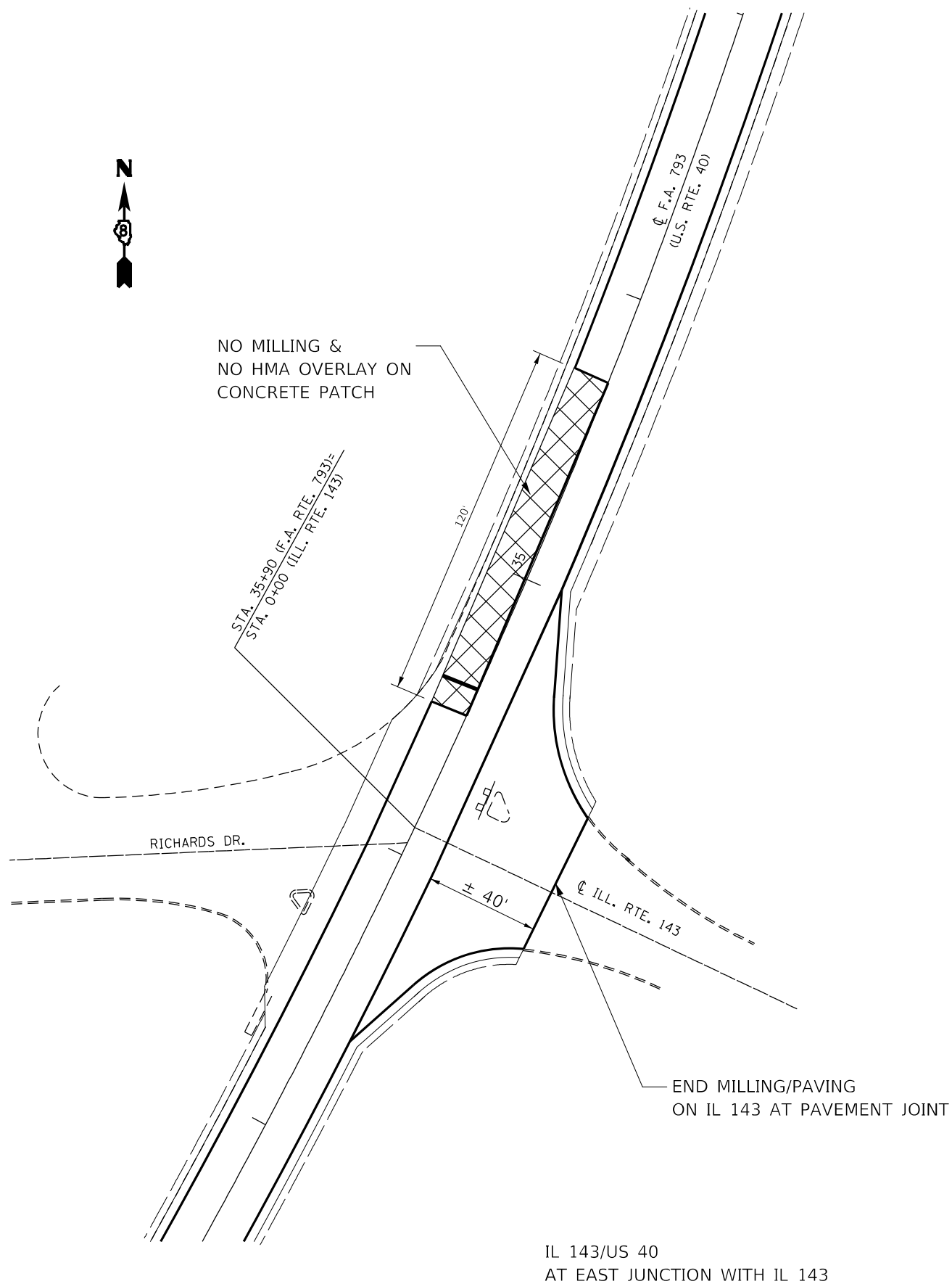
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

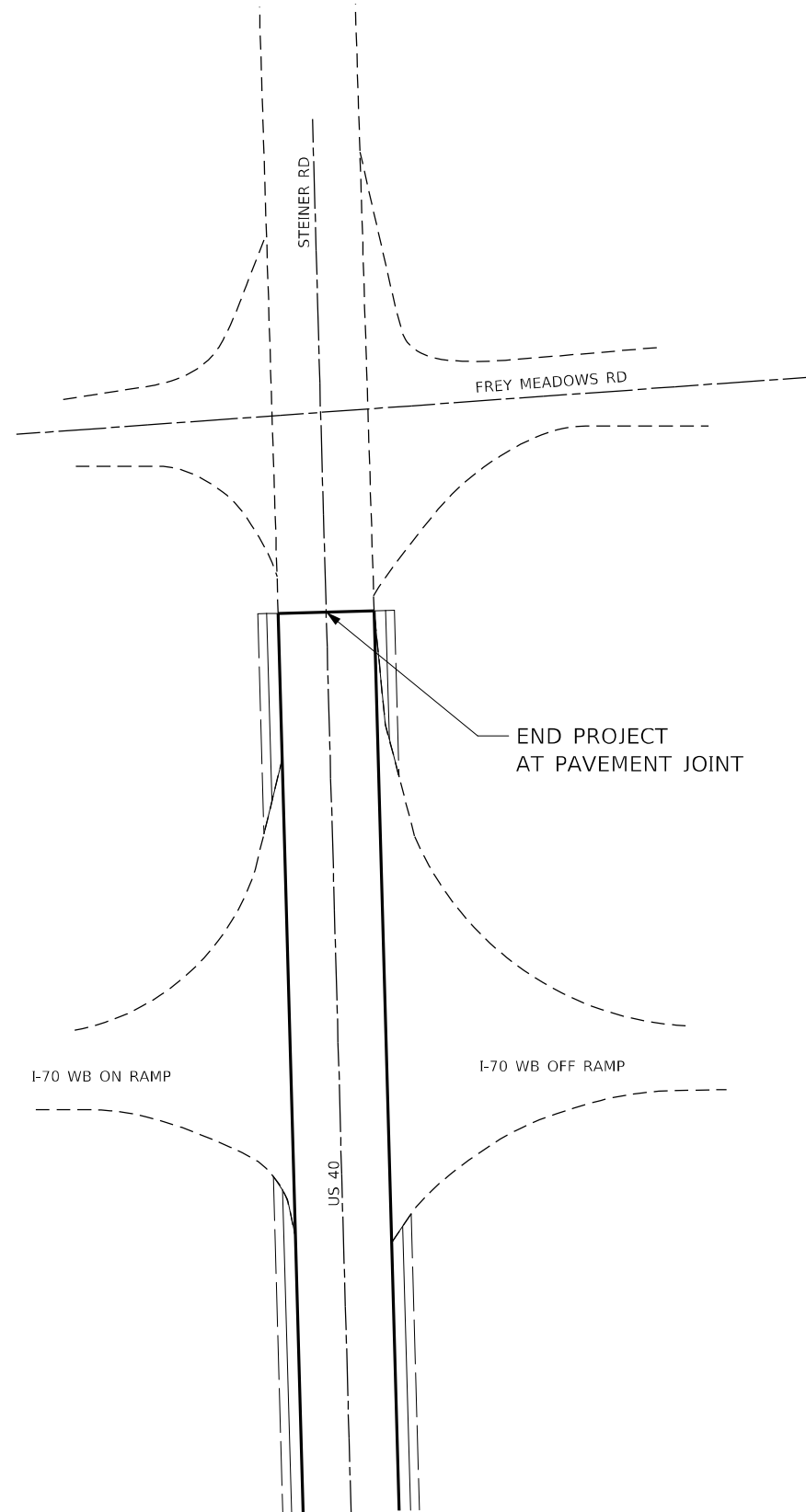
GUARDRAIL DETAILS

SCALE: NTS SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793	33-1R5-3	MADISON	32	28
CONTRACT NO. 76P24				
ILLINOIS FED. AID PROJECT				



IL 143/US 40
AT EAST JUNCTION WITH IL 143



END OF PROJECT
US 40 AT FREY MEADOWS RD

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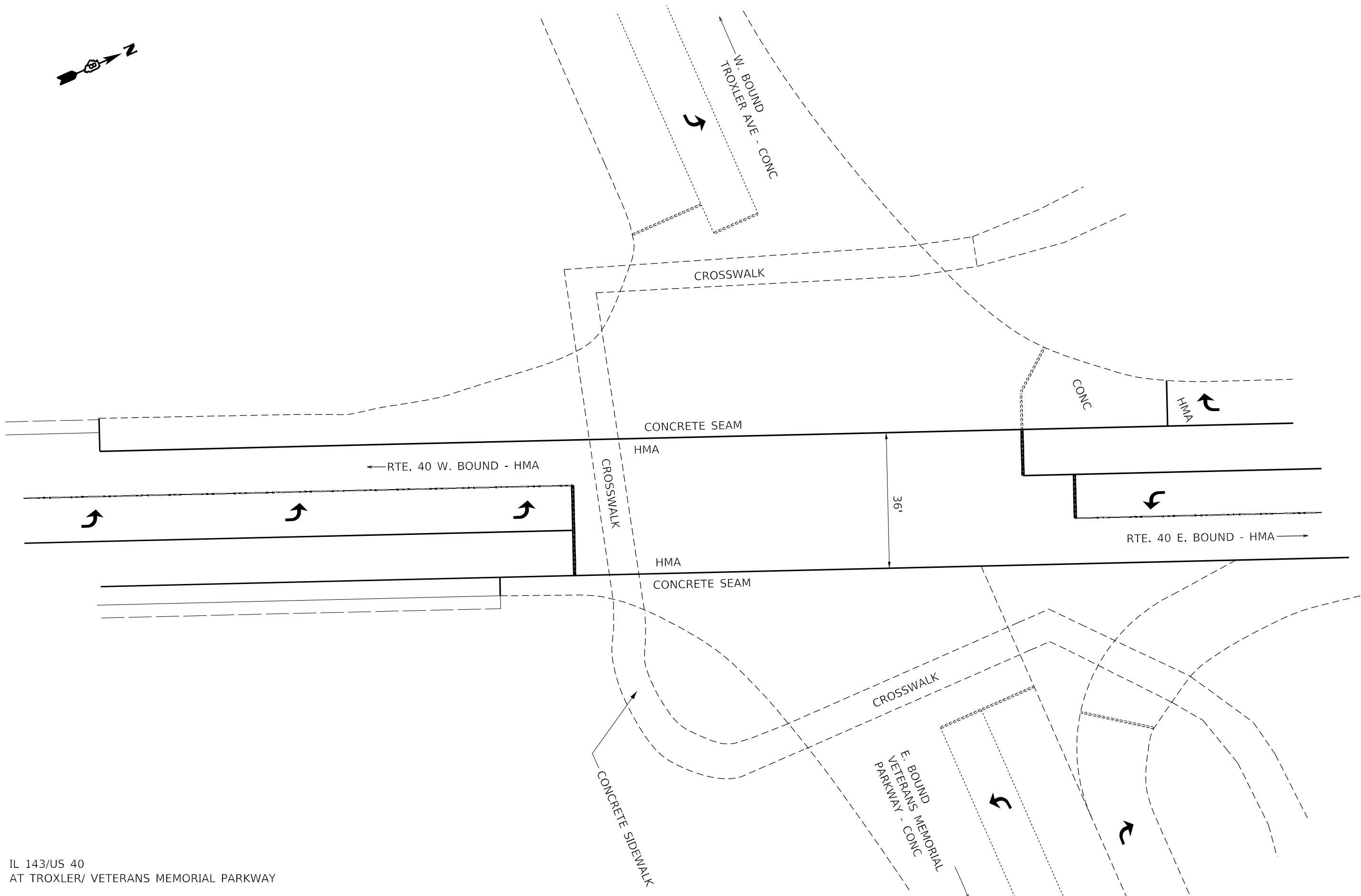
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INTERSECTION DETAILS

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793	33-1R5-3	MADISON	32	29
CONTRACT NO. 76P24				
ILLINOIS FED. AID PROJECT				



IL 143/US 40
AT TROXLER/ VETERANS MEMORIAL PARKWAY

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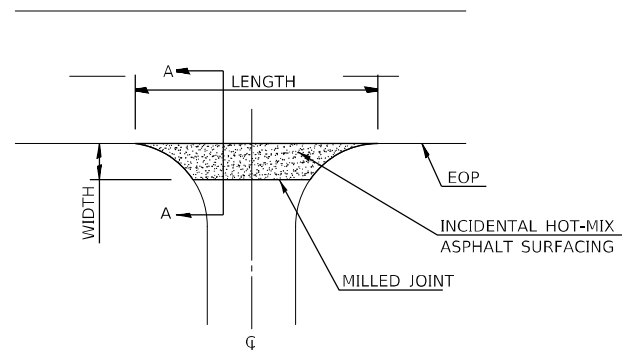
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

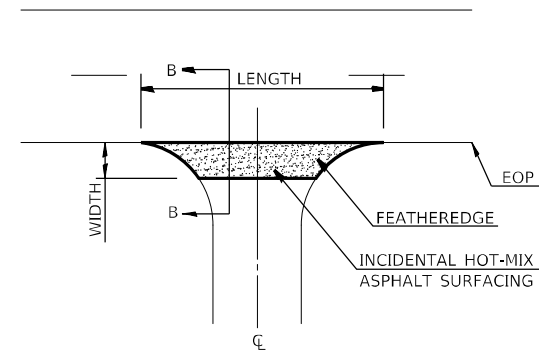
**INTERSECTION DETAILS
IL 143 /US 40 AT TROXLER AVE /VETERANS MEMORIAL PKWY**

SCALE: NONE SHEET OF SHEETS STA. TO STA.

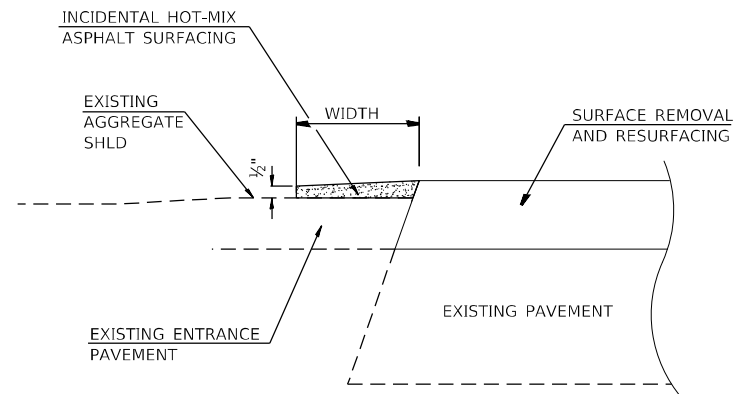
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			CONTRACT NO. 76P24	
ILLINOIS FED. AID PROJECT				



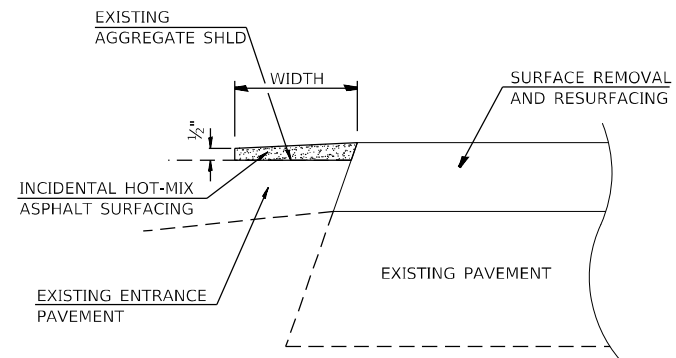
CONCRETE ENTRANCE DETAIL



HMA, AGG, AND FIELD ENTRANCE DETAIL



SECTION A-A



SECTION B-B

SEE ENTRANCE AND SIDE ROAD SCHEDULE FOR LENGTHS AND WIDTHS

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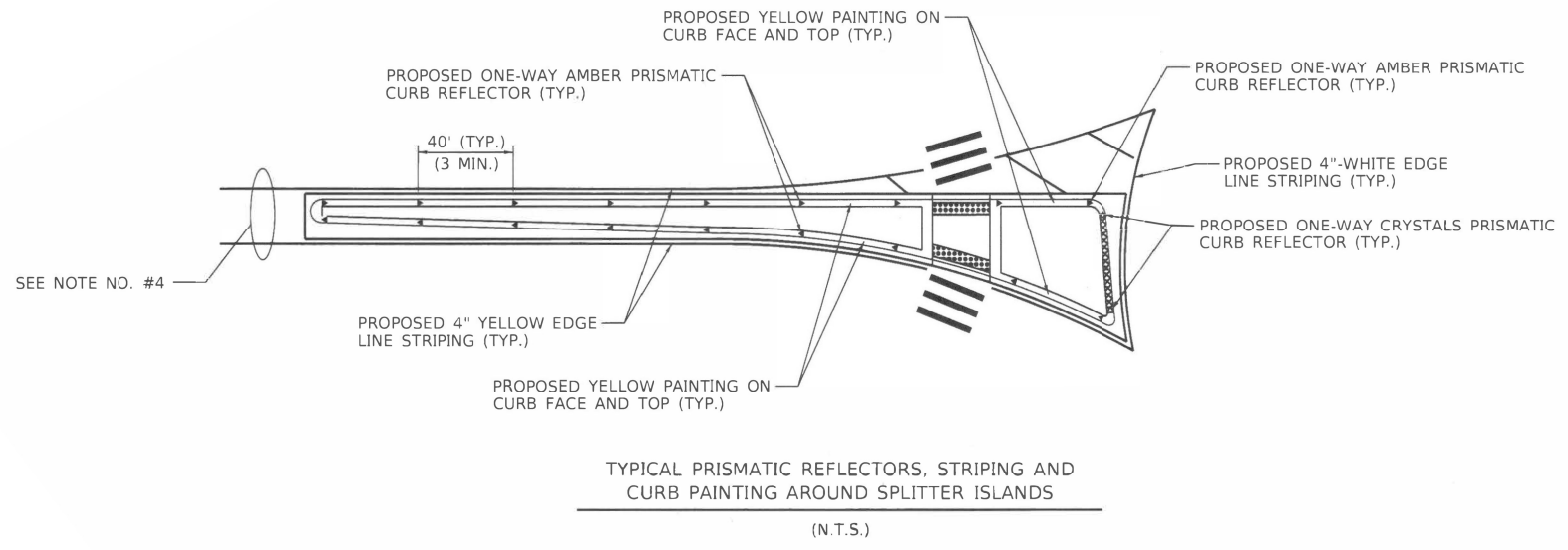
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

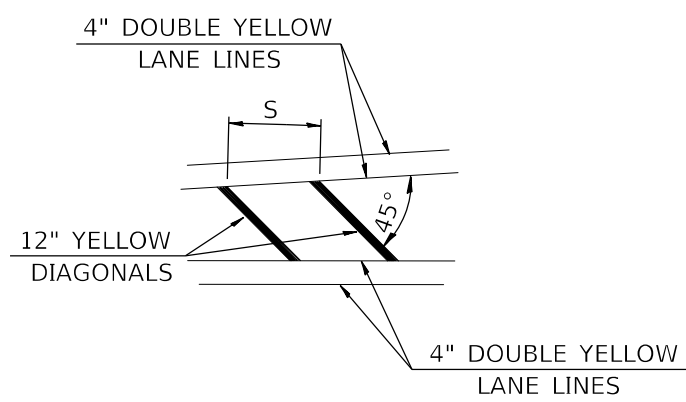
SIDE ROAD AND ENTRANCE DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793	33-1R5-3	MADISON	32	31
CONTRACT NO. 76P24				
ILLINOIS FED. AID PROJECT				

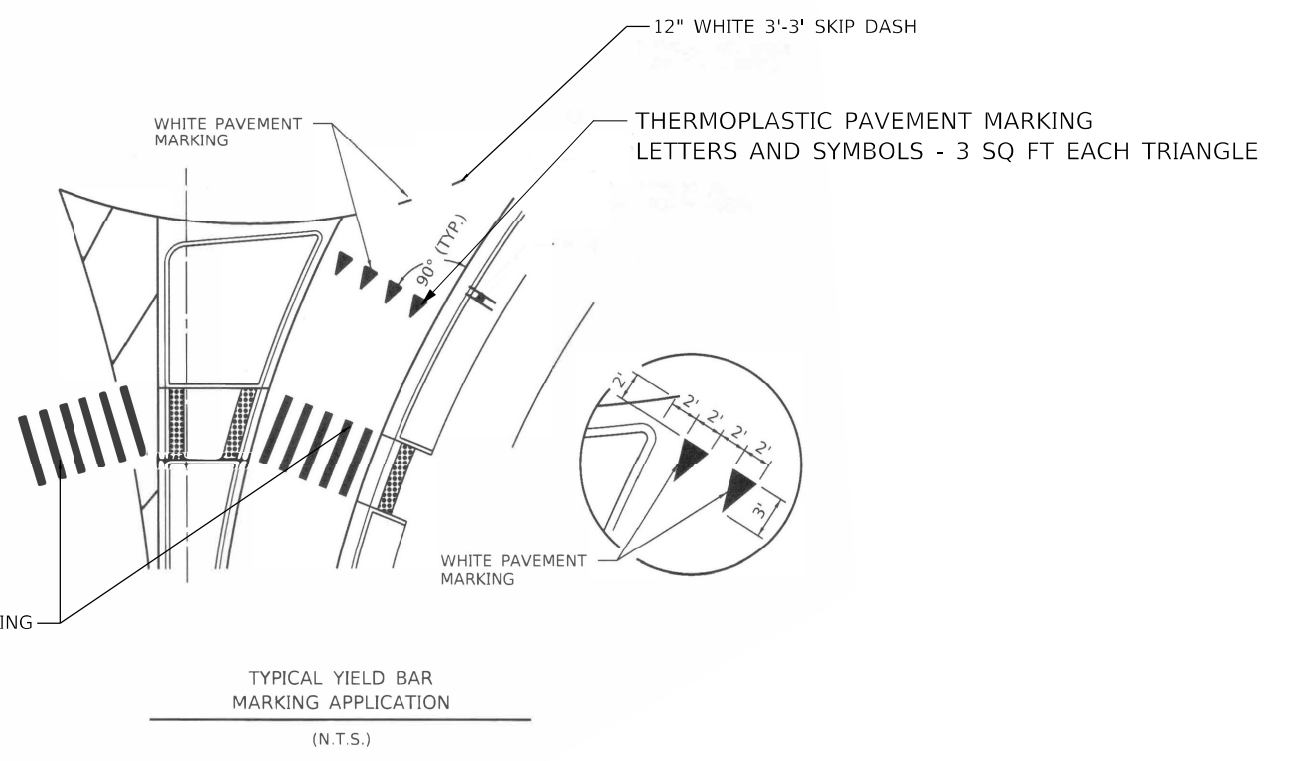


- NOTES:
1. PRISMATIC REFLECTORS SHALL BE MONO-DIRECTIONAL AND POSITIONED SO THAT THE REFLECTIVE FACE IS FACING THE APPROACHING TRAFFIC.
 2. PRISMATIC REFLECTORS SHALL BE CRYSTAL OR AMBER IN COLOR.
 ▶ ONE-WAY CRYSTAL PRISMATIC CURB REFLECTOR
 ▷ ONE-WAY AMBER PRISMATIC CURB REFLECTOR
 3. CURB FACE AND TOP SHALL BE PAINTED AS PER THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION". SPLITTER ISLANDS AND MEDIAN SURFACES SHALL NOT BE SIMILAR COLOR TO THE TRUCK APRONS.
 WHITE PAINTING ON CURB FACE AND TOP
 4. SEE PAVEMENT MARKING PLANS FOR PAVEMENT MARKINGS IN THE VICINITY OF THE SPLITTER ISLANDS.



TYPICAL APPLICATION FOR MEDIAN STRIPING

SPEED	CHANNELIZATION & GORES		OBJECTS
<30 MPH	15'	10'	50'
30-45 MPH	20'	15'	75'
>45 MPH	30'	20'	150'



CONTINENTAL CROSS WALK - 24" WHITE, AT 24" SPACING

TYPICAL YIELD BAR MARKING APPLICATION (N.T.S.)

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING DETAILS

SCALE: NTS SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793	33-1R5-3	MADISON	32	32
CONTRACT NO. 76P24				
ILLINOIS FED. AID PROJECT				