

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	(133,134,135)RS-5	MADISON	18	1
		ILLINOIS	CONTRACT NO. 76T65	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROPOSED HIGHWAY PLANS

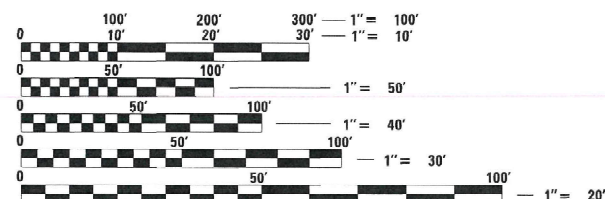
FAP ROUTE 785 (IL 140)
SECTION (133,134,135)RS-5
PROJECT NHPP-350M(711)
SMART RESURFACING
MADISON COUNTY

C-98-099-24

ADT
2021 ADT = 7450 (ACTUAL)
2024 ADT = 7450 (ESTIMATED)
SU = 3.7%
MU = 2.4%

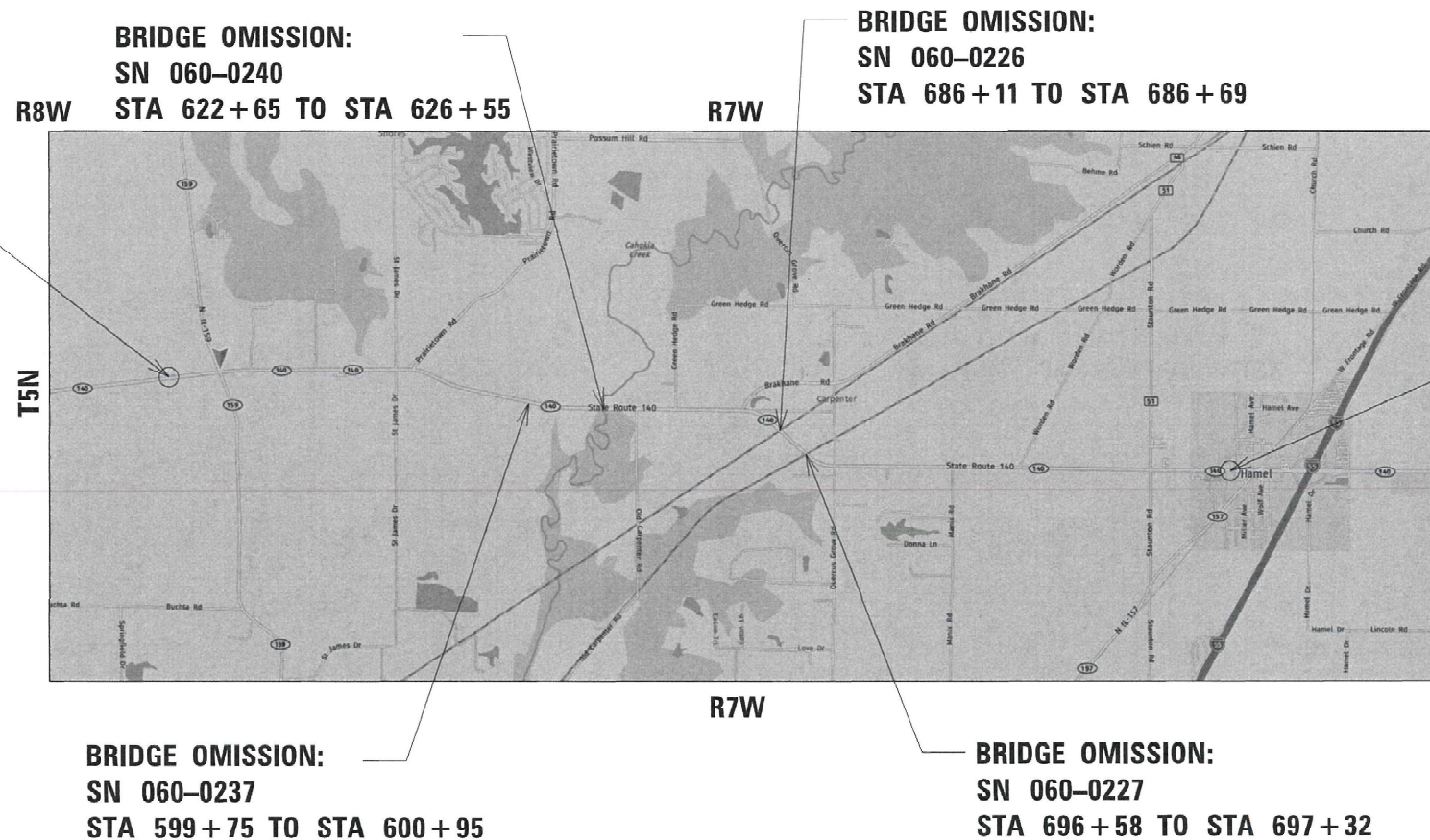


BEGIN PROJECT STA 482+84
LAT/LONG: 38.89770, -89.97068



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: BILLIE OWEN
PROJECT MANAGER: MIKE BERG

NET LENGTH = 34,254 FT. = 6.49 MILE
GROSS LENGTH = 34,895 FT. = 6.61 MILE

CONTRACT NO. 76T65

END PROJECT STA 831+79
LAT/LONG: 38.88909, -89.85127

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED January 26, 2024
Kurt Brown
REGIONAL ENGINEER

March 22, 2024
Scott A. Etk
ENGINEER OF DESIGN AND ENVIRONMENT

March 22, 2024
Steph McNeill
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

INDEX OF SHEETS

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GENERAL NOTES

- ① NO SURVEY WAS PERFORMED FOR THIS PROJECT AND THE PLANS WERE CREATED USING MICROFILM AND FIELD MEASUREMENTS.
- ② THE RESIDENT ENGINEER SHALL VERIFY THE EXISTENCE OF HIGHWAY LIGHTING, INTELLIGENT TRANSPORTATION SYSTEMS (I.T.S.) UTILITIES, AND/OR ELECTRICAL CABLES ASSOCIATED WITH TRAFFIC SIGNALS WITHIN THE PROJECT LIMITS. IF ANY OF THESE EXIST WITHIN THE PROJECT LIMITS, AND IF THESE ITEMS REQUIRE LOCATING, THE CONTRACTOR SHALL BE DIRECTED TO DO SO ACCORDING TO SECTION 803 OF THE STANDARD SPECIFICATIONS. THIS WORK SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
- ③ UTILITIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA:

UTILITY	ABOVE GROUND	BELOW GROUND
AMEREN ILLINOIS (ELECTRIC)	X	X
AT&T ILLINOIS	X	X
CONSOLIDATED COMMUNICATIONS	X	X
CITY OF HAMEL		X
MADISON TELEPHONE COMPANY	X	X
SOUTHWESTERN ELECTRIC COOPERATIVE, INC.	X	
MARATHON PIPE LINE LLC		X
NORTHEAST CENTRAL COUNTY PUBLIC WATER DIST		X

- ④ THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE	SURFACE	PATCHING
AC/PG	PG64-22	PG64-22
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70
MIX COMPOSITION (GRADATION)	IL 9.5	IL 19.0
FRICITION AGG	MIXTURE "D"	MIXTURE "B"
QUALITY MGMT PROGRAM	QCP	QC/QA
MATTRANDEV REQUIRED?	YES	NO

MIXTURE USE	SHOULDER (SURFACE)
AC/PG	PG64-22
DESIGN AIR VOIDS	4.0% @ Ndes=30
MIX COMPOSITION (GRADATION)	IL 9.5L
FRICITION AGG	
QUALITY MGMT PROGRAM	QC/QA
MATTRANDEV REQUIRED?	NO

PLAN QUANTITIES FOR HOT-MIX ASPHALT ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 112 LB/SQ YD/IN (59.8 KG/SQ M/25 MM THICKNESS).

- ⑤ THE PROPOSED PAVEMENT MARKING SHALL MATCH THE LOCATIONS OF THE EXISTING PAVEMENT MARKING, AS DIRECTED BY THE ENGINEER.
- ⑥ SHORT-TERM PAVEMENT MARKING SHALL BE APPLIED TO THE MILLED AND BITUMINOUS SURFACE. A QUANTITY FOR TEMPORARY PAVEMENT MARKING EQUAL TO THE AMOUNT OF PERMANENT PAVEMENT MARKING HAS BEEN ADDED TO THE PLANS. ONLY REMOVAL OF SHORT TERM PAVEMENT MARKING FROM THE FINAL SURFACE TO BE PAID AS 'SHORT TERM PAVEMENT MARKING REMOVAL'.
- ⑦ 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.

- ⑧ ALL TURF AREAS DISTURBED BY THE CONTRACTOR SHALL BE SEEDED WITH THE APPROPRIATE EROSION CONTROL, AS DIRECTED BY THE ENGINEER, AT THE CONTRACTOR'S EXPENSE.
- ⑨ THE CONTRACTOR SHALL BE AWARE THAT THERE ARE MANHOLES & VALVES LOCATED WITHIN THE RESURFACING LIMITS. CARE SHALL BE TAKEN IN THESE LOCATIONS DURING MILLING OPERATIONS.
- ⑩ THE CONTRACTOR WILL CONTACT JEFF ABEL (618-346-3283) UPON COMPLETION OF WORK TO BEGIN PLACEMENT OF REFLECTIVE STRIPS.
- ⑪ THE FOLLOWING STRUCTURES CAN BE CROSSED WITH AN EMPTY MTD WITH THE FOLLOWING MAXIMUM GROSS WEIGHT RESTRICTIONS:
 - 060-2488 (40 TONS)
 - 060-0237 (40 TONS)
 - 060-2049 (40 TONS)
 - 060-0240 (40 TONS)
 - 060-2489 (40 TONS)
 - 060-0226 (40 TONS)
 - 060-0227 (40 TONS)
 - 060-2490 (40 TONS)
 - 060-2491 (40 TONS)
 - 060-2492 (40 TONS)
 IF THE SAME MTD IS USED THROUGHOUT THE ENTIRE CONTRACT, THEN IT MUST BE LIMITED TO AN EMPTY GROSS WEIGHT ≤ 40 TONS.
- ⑫ A QUANTITY IS INCLUDED IN THE CONTRACT FOR AGGREGATE WEDGE SHOULDER, TYPE B. THIS QUANTITY WILL BE USED ON THE EXISTING AGGREGATE SHOULDERS, AS DIRECTED BY THE ENGINEER. PLAN QUANTITIES FOR AGGREGATE WEDGE SHOULDER, TYPE B WERE CALCULATED USING 2 TONS/CY.

HIGHWAY STANDARDS

000001-08	442201-03
001006	642006-01
642001-03	720001-01
701011-04	
701201-05	
701301-04	
701306-04	
701311-03	
701336-07	
701901-09	
780001-05	
781001-04	
886001-01	
886006-01	

COMMITMENTS

NONE

REV. - MS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, HIGHWAY STANDARDS,
GENERAL NOTES & COMMITMENTS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	(133,134,135)RS-5	MADISON	18	2
CONTRACT NO. 76T65			ILLINOIS FED. AID PROJECT	

SHOULDER SCHEDULE					
LOCATION			BITUMINOUS MATERIALS (TACK COAT) 1 LIFT	HMA SHOULDERS 1-1/2"	HMA SURFACE REMOVAL, 1-1/2"
STA	TO	STA	(POUNDS)	(TON)	(SQYD)
IL-140 - RIGHT					
482+84	TO	492+48	0.3	27	321
494+95	TO	498+53	0.1	10	119
499+85	TO	502+54	0.1	8	90
502+54	TO	546+05	0.7	61	725
546+05	TO	552+48	0.3	24	286
553+28	TO	557+06	0.2	14	168
557+06	TO	584+00	0.5	38	449
589+00	TO	599+76	0.2	15	179
600+95	TO	622+65	0.4	30	362
626+55	TO	635+70	0.1	13	153
636+20	TO	672+30	0.6	51	602
672+30	TO	682+25	0.4	37	442
682+25	TO	686+11	0.2	14	172
686+69	TO	696+58	0.4	37	440
697+32	TO	701+62	0.2	16	191
701+62	TO	707+25	0.2	21	250
707+95	TO	710+25	0.0	3	38
715+00	TO	746+60	0.5	44	527
747+40	TO	814+05	1.0	93	1111
814+80	TO	831+79	0.3	24	283
IL-140 - LEFT					
482+84	TO	491+80	0.3	25	299
494+26	TO	502+54	0.3	23	276
502+54	TO	503+55	0.0	1	17
504+05	TO	525+75	0.3	30	362
526+25	TO	546+05	0.3	28	330
546+05	TO	551+25	0.2	19	231
553+85	TO	557+06	0.1	12	143
557+06	TO	558+05	0.0	1	17
558+95	TO	584+00	0.4	35	418
593+50	TO	599+76	0.1	9	104
600+95	TO	622+65	0.3	30	362
626+55	TO	644+20	0.3	25	294
646+70	TO	648+95	0.0	3	38
649+45	TO	671+00	0.3	30	359
672+30	TO	673+85	0.1	6	69
674+45	TO	682+25	0.3	29	347
682+25	TO	686+11	0.2	14	172
686+69	TO	696+58	0.5	37	440
697+32	TO	701+62	0.2	16	191
701+62	TO	707+25	0.2	21	250
707+95	TO	711+20	0.1	5	54
714+00	TO	770+05	0.9	78	934
770+95	TO	814+05	0.7	60	718
814+80	TO	831+79	0.3	24	283
SUBTOTAL:			13	1143	13613
TOTAL:			13	1143	13613

RESURFACING SCHEDULE					
LOCATION			BITUMINOUS MATERIALS (TACK COAT) 1 LIFT	HMA SURFACE COURSE, IL-9.5, MIX "D", N70 1-1/2"	HMA SURFACE REMOVAL, 1-1/2"
STA	TO	STA	(POUNDS)	(TON)	(SQYD)
IL-140					
482+84	TO	502+54	15.1	607	7223
502+54	TO	546+05	22.2	893	10636
546+05	TO	557+06	8.4	339	4037
557+06	TO	584+00	13.8	553	6585
584+00	TO	589+00	2.6	103	1222
589+00	TO	599+76	5.5	221	2630
600+95	TO	622+65	11.1	446	5304
626+55	TO	644+20	9.0	362	4314
644+20	TO	646+70	1.3	51	611
646+70	TO	682+25	18.1	730	8690
682+25	TO	686+11	2.1	86	1029
686+69	TO	696+58	5.5	222	2637
697+32	TO	701+62	2.4	96	1147
701+62	TO	711+20	4.9	197	2342
711+20	TO	714+00	1.4	57	684
714+00	TO	831+79	60.1	2419	28793
SUBTOTAL:			184	7382	87887
TOTAL:			184	7382	87887

SHOULDER RUMBLE STRIPS			
LOCATION			SHOULDER RUMBLE STRIPS, 8 INCH (FOOT)
STA	TO	STA	
IL-140 - RIGHT			
484+00	TO	492+05	805
495+35	TO	498+35	300
500+00	TO	502+50	250
546+05	TO	552+25	620
553+50	TO	557+06	356
672+30	TO	686+01	1371
686+79	TO	696+48	969
697+42	TO	707+25	983
IL-140 - LEFT			
484+00	TO	491+40	740
494+65	TO	499+30	465
499+80	TO	500+85	105
501+35	TO	502+50	115
546+05	TO	551+15	510
553+85	TO	557+06	321
672+30	TO	673+85	155
672+30	TO	686+01	1371
686+79	TO	696+48	969
697+42	TO	707+25	983
TOTAL:			11388

LONGITUDINAL JOINT SEALANT			
STA	TO	STA	(FOOT)
IL-140			
482+84	TO	599+75	11691
600+95	TO	622+65	2170
626+55	TO	686+11	5956
686+69	TO	696+58	989
697+32	TO	831+79	13447
484+00	TO	502+54	1854
491+80	TO	494+47	267
492+60	TO	494+96	236
498+41	TO	500+00	159
499+31	TO	499+82	51
500+87	TO	501+51	64
546+46	TO	554+64	818
546+46	TO	557+06	1060
551+00	TO	553+84	284
552+30	TO	553+67	137
MISCELLANEOUS			3000
TOTAL:			42183

CENTER LINE RUMBLE STRIPS			
LOCATION			CENTER LINE - RUMBLE STRIP - 16"
STA	TO	STA	(FOOT)
503+80	TO	546+05	4225
546+05	TO	557+06	1101
557+06	TO	599+76	4270
600+95	TO	622+65	2170
626+55	TO	682+25	5570
682+25	TO	686+11	386
686+69	TO	696+58	989
697+32	TO	701+62	430
701+62	TO	707+25	563
707+25	TO	747+00	3975
TOTAL:			23679

PAVEMENT PATCHING				
IL-140				
STA	WB PATCH	EB PATCH	SQUARE YARD	PATCH TYPE
505+02	50'x4'		22	CLASS D PATCHES, TYPE III, 17 INCH
509+77	8'x13'	8'x13'	23	CLASS D PATCHES, TYPE III, 17 INCH
517+16	100'x4'		45	CLASS D PATCHES, TYPE IV, 17 INCH
549+37	10'x6'		7	CLASS D PATCHES, TYPE II, 17 INCH
566+79	50'x6'		33	CLASS D PATCHES, TYPE IV, 17 INCH
598+47		80'x13'	116	CLASS D PATCHES, TYPE IV, 17 INCH
600+06	10'x4'		5	CLASS D PATCHES, TYPE I, 17 INCH
694+57	50'x13'		72	CLASS D PATCHES, TYPE IV, 17 INCH
703+54	6'x13'		9	CLASS D PATCHES, TYPE II, 17 INCH
708+82	10'x13'		15	CLASS D PATCHES, TYPE II, 17 INCH
715+69	30'x13'		44	CLASS D PATCHES, TYPE IV, 17 INCH
TOTAL			391	

RAISED PAVEMENT MARKERS						
LOCATION			RAISED REFLECTOR PAVEMENT MARKER ONE- WAY AMBER	RAISED REFLECTOR PAVEMENT MARKER ONE- WAY CRYSTAL	RAISED REFLECTOR PAVEMENT MARKER TWO-WAY AMBER	RAISED REFLECTOR PAVEMENT MARKER REMOVAL
STA	TO	STA	(EACH)	(EACH)	(EACH)	(EACH)
IL-140 - RIGHT						
483+50	TO	493+05	38	5	12	55
493+69	TO	503+34	38	4	14	56
503+34	TO	545+25	53			53
545+25	TO	552+50	26	4	14	44
553+15	TO	557+86	26		6	32
557+86	TO	599+76			52	52
600+95	TO	622+65			27	27
626+55	TO	686+11			74	74
686+69	TO	696+58			12	12
697+32	TO	831+79			170	170
SUBTOTAL:			181	13	381	575
TOTAL:				575		575

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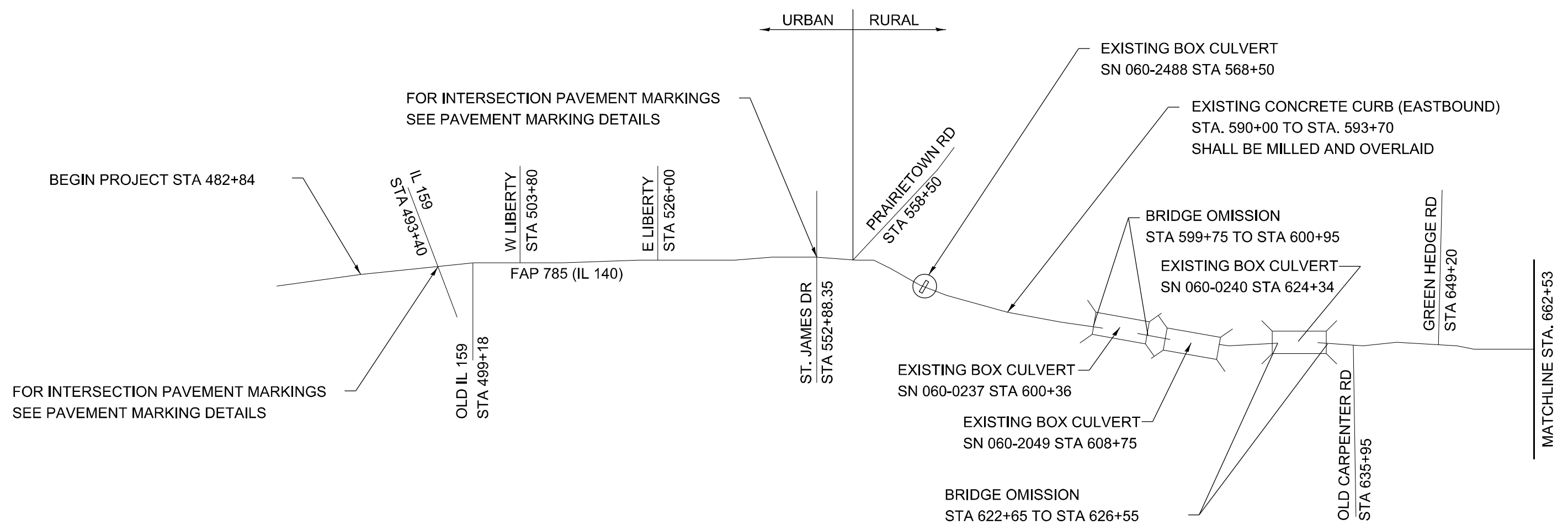
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	DATE - 1/22/23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITY

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	(133,134,135)RS-5	MADISON	18	7
CONTRACT NO. 76T65				
ILLINOIS FED. AID PROJECT				



FOR INTERSECTION PAVEMENT MARKINGS
SEE PAVEMENT MARKING DETAILS

FOR INTERSECTION PAVEMENT MARKINGS
SEE PAVEMENT MARKING DETAILS

BRIDGE OMISSIONS - STA 599+75 TO STA 600+95
STA 622+65 TO STA 626+55

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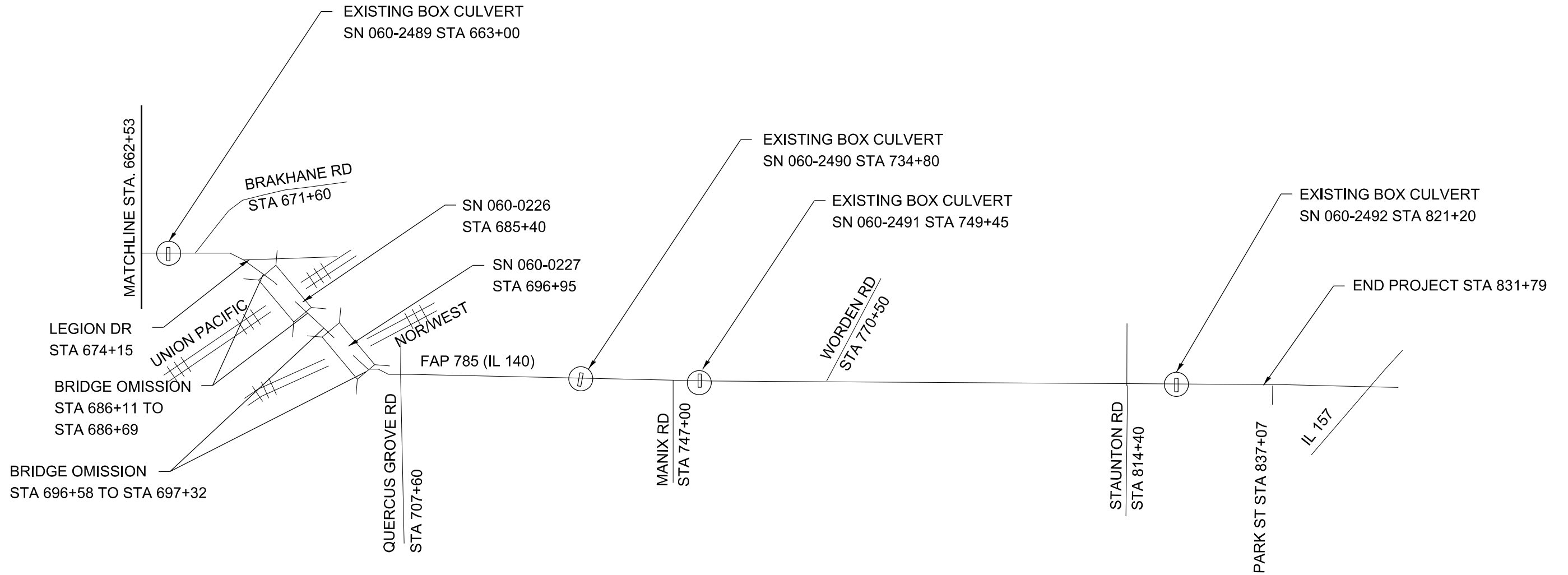
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LOCATION MAP

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	(133,134,135)RS-5	MADISON	18	9
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76T65	



BRIDGE OMISSIONS - STA 686+11 TO STA 686+69
 STA 696+58 TO STA 697+32

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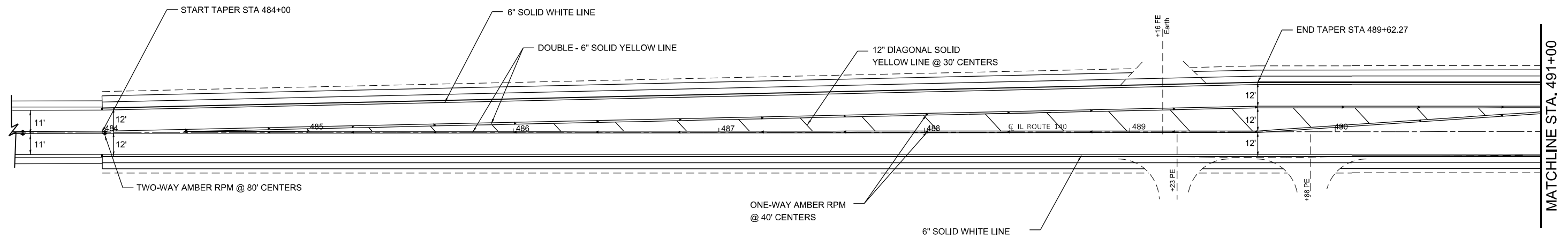
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

LOCATION MAP

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	(133,134,135)RS-5	MADISON	18	10
CONTRACT NO. 76T65			ILLINOIS FED. AID PROJECT	



RAISED REFLECTIVE PAVEMENT MARKERS (SEE HIGHWAY STANDARD)

- ◀ ONE-WAY AMBER MARKER
- ◆ TWO-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER

NOT TO SCALE

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING DETAIL
INTERSECTION IL-140 AND IL-159**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	(133,134,135)RS-5	MADISON	18	11
CONTRACT NO. 76T65				
ILLINOIS FED. AID PROJECT				

MATCHLINE STA. 491+00



REMOVE EXISTING "STOP" SIGN (30X30)
REMOVE SIGN PANEL - TYPE 1 (6.25 SQ FT).

REMOVE EXISTING "CROSS TRAFFIC DOES NOT STOP" SIGN (30X18).
REMOVE SIGN PANEL - TYPE 1 (3.75 SQ FT).



SIGN PANEL - TYPE 1 (9 SQ FT)
R1-1 36X36



SIGN PANEL - TYPE 1 (4.5 SQ FT)
W4-4P 36X18

TWO-WAY AMBER RPM @ 40' CENTERS
LETTERS AND SYMBOLS
WHITE - (15.6 SQFT EACH)

MATCHLINE STA. 552+00

6" SOLID WHITE LINE

ONE-WAY CRYSTAL RPM
@ 40' CENTERS

ST. JAMES ROAD

STA 552+88.35 (IL 140)
STA 179+71.50 (ST. JAMES ROAD)

ONE-WAY AMBER RPM
@ 40' CENTERS

12" DIAGONAL SOLID
YELLOW LINE @ 30' CENTERS

6" SOLID WHITE LINE

EDGE OF PAVEMENT

END TAPER STA 557+06

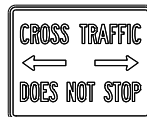
CENTERLINE RUMBLE STRIP

DOUBLE - 6" SOLID YELLOW LINE

TWO-WAY AMBER RPM
@ 80' CENTERS



SIGN PANEL - TYPE 1 (9 SQ FT)
R1-1 36X36



SIGN PANEL - TYPE 1 (4.5 SQ FT)
W4-4P 36X18

REMOVE EXISTING "STOP" SIGN (30X30).
REMOVE SIGN PANEL - TYPE 1 (6.25 SQ FT).

RAISED REFLECTIVE PAVEMENT MARKERS (SEE HIGHWAY STANDARD)

- ◀ ONE-WAY AMBER MARKER
- ◆ TWO-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER

NOT TO SCALE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAIL
INTERSECTION IL-140 AND ST. JAMES ROAD

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	(133,134,135)RS-5	MADISON	18	15
			CONTRACT NO. 76T65	
		ILLINOIS	FED. AID PROJECT	

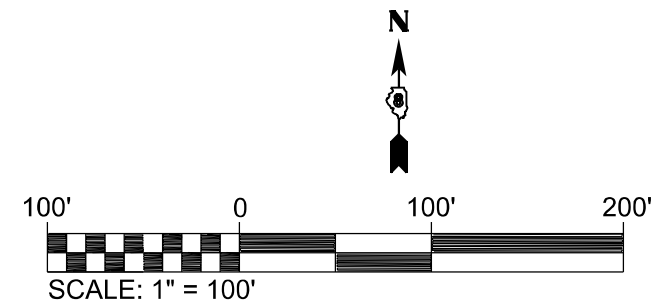
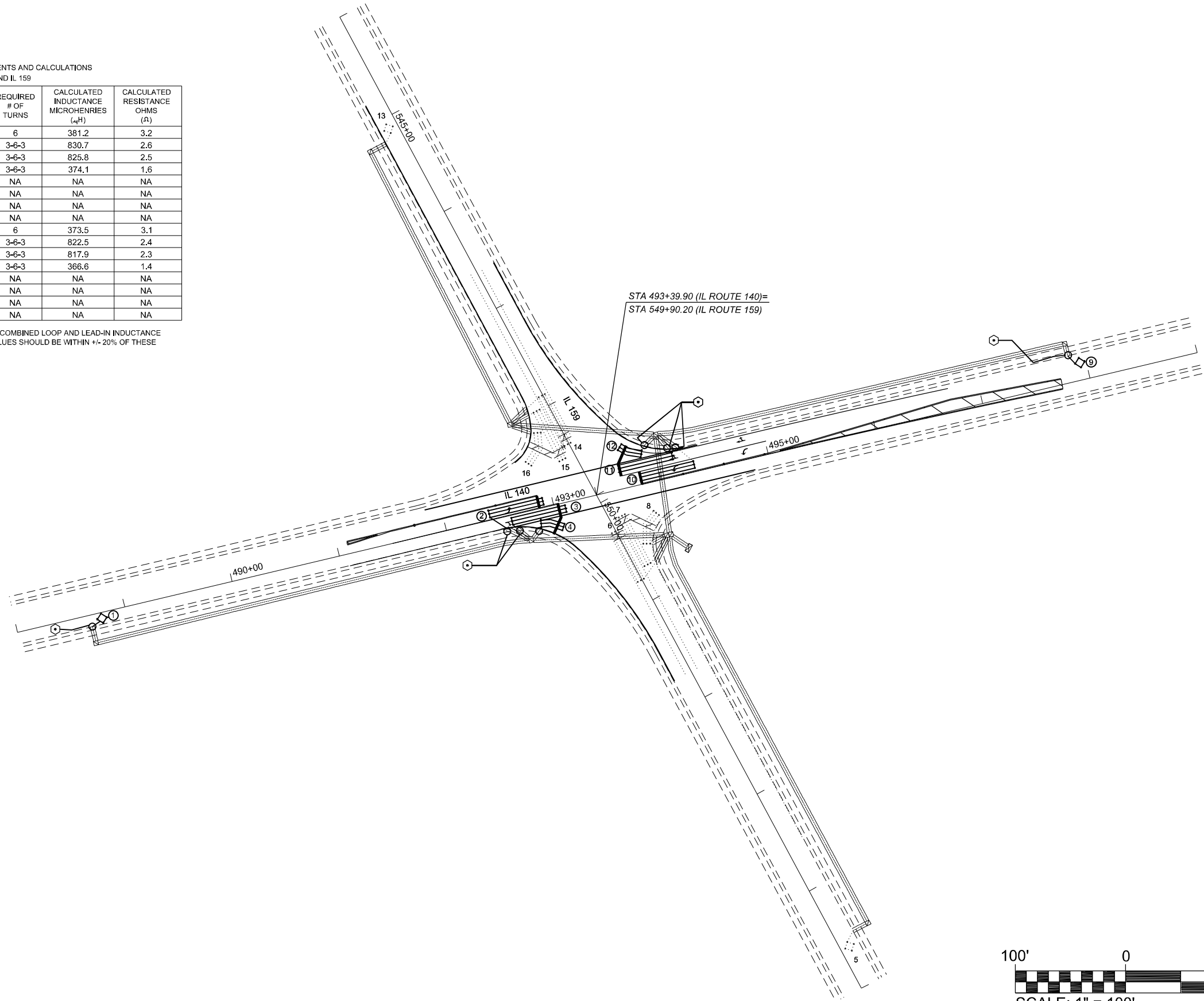
DETECTOR LOOP REQUIREMENTS AND CALCULATIONS
FOR IL 140 AND IL 159

LOOP	PHASE (#)	LOOP SIZE (FT. X FT.)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES (μH)	CALCULATED RESISTANCE OHMS (Ω)
1.EB CCO	6	6 X 6	6	381.2	3.2
2.EB LT CD	1	6 X 50-Q	3-6-3	830.7	2.6
3.EB THRU CD	6	6 X 50-Q	3-6-3	825.8	2.5
4.EB RT CD	6	6 X 20-Q	3-6-3	374.1	1.6
5.NB CCO	4	6 X 6	NA	NA	NA
6.NB LT CD	7	6 X 50-Q	NA	NA	NA
7.NB THRU CD	4	6 X 50-Q	NA	NA	NA
8.NB RT CD	4	6 X 30-Q	NA	NA	NA
9.WB CCO	2	6 X 6	6	373.5	3.1
10.WB LT CD	5	6 X 50-Q	3-6-3	822.5	2.4
11.WB THRU CD	2	6 X 50-Q	3-6-3	817.9	2.3
12.WB RT CD	2	6 X 20-Q	3-6-3	366.6	1.4
13.SB CCO	8	6 X 6	NA	NA	NA
14.SB LT CD	3	6 X 50-Q	NA	NA	NA
15.SB THRU CD	8	6 X 50-Q	NA	NA	NA
16.SB RT CD	8	6 X 30-Q	NA	NA	NA

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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 DATE: 1/22/2024



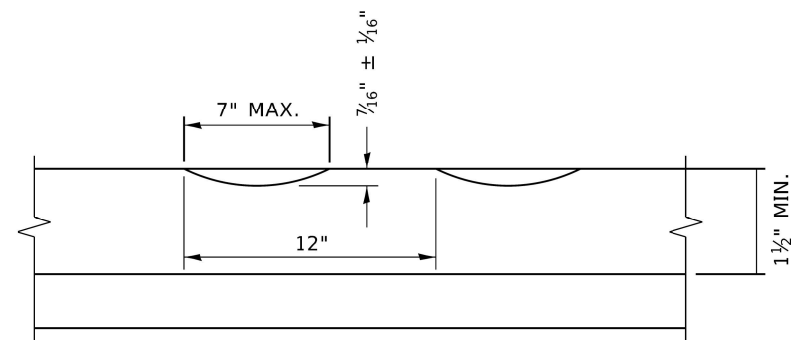
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PLOT DATE = 1/22/2024	DATE - 1/22/23	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

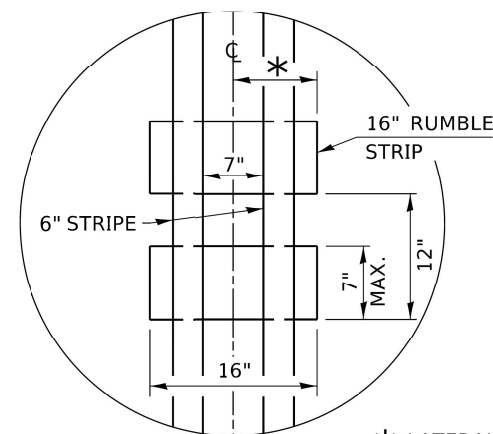
DETECTOR LOOP REPLACEMENT PLAN	
IL-140 AND IL-159	
SCALE:	SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	(133,134,135)RS-5	MADISON	18	17
CONTRACT NO. 76T65				
ILLINOIS FED. AID PROJECT				

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SECTION A-A

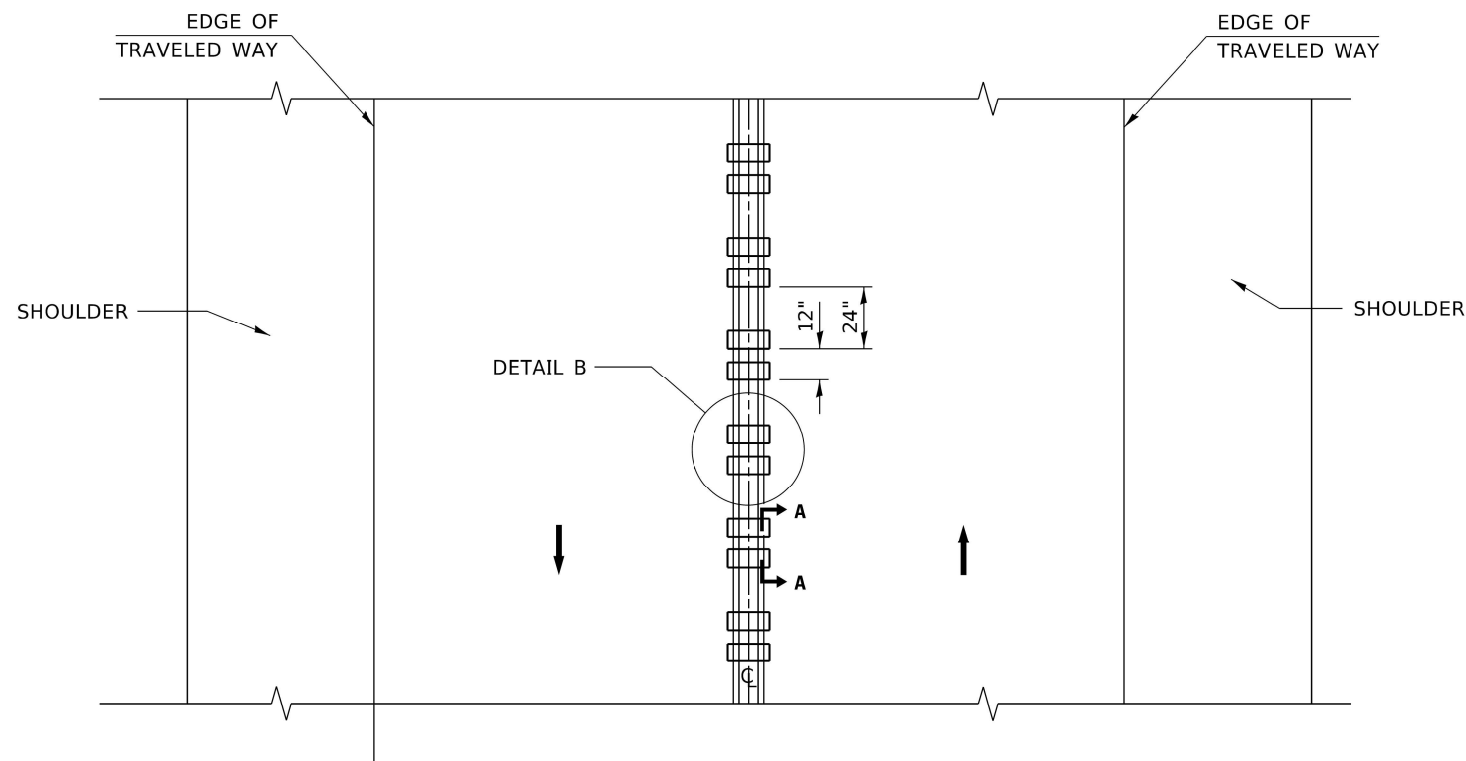


* LATERAL DEVIATION SHALL NOT EXCEED ONE INCH IN 100 FEET.

DETAIL B

GENERAL NOTES

1. CENTERLINE RUMBLE STRIPS SHALL BE CONSTRUCTED ACCORDING TO SECTION 642 ALONG THE CENTERLINE OF PAVEMENT.
2. SEE STANDARD 780001 FOR OTHER STRIPING LAYOUTS.
3. RUMBLE STRIPS SHALL NOT BE PLACED ON BRIDGES.
4. ALL RUMBLE STRIPS SHALL BE MILLED.
5. CENTERLINE RUMBLE STRIPS SHALL BE CONTINUOUS THROUGH CONNECTIONS OF SIDEROADS WITH NO LEFT TURN LANES.
6. DISCONTINUE CENTERLINE RUMBLE STRIPS THROUGH THE LIMITS OF ALL LEFT TURN LANES, INCLUDING ANY LANE TAPER SECTIONS.
7. AFTER RUMBLE STRIPS ARE INSTALLED, THE PAVEMENT SURFACE SHALL BE SWEEPED CLEAN PRIOR TO THE PLACEMENT OF THE NEW PAVEMENT MARKINGS.
8. WHERE USED, ADJUST SPACING OF RAISED REFLECTIVE PAVEMENT MARKERS TO FALL IN WIDER GAP BETWEEN RUMBLE STRIPS.



TWO-WAY ROAD



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	DRAWN - AK	REVISED -
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PLOT DATE = 1/22/2024	DATE - 1/22/23	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

RUMBLE STRIPS FOR CENTERLINE, NON-FREEWAY

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	(133,134,135)RS-5	MADISON	18	18
			CONTRACT NO. 76T65	
		ILLINOIS	FED. AID PROJECT	