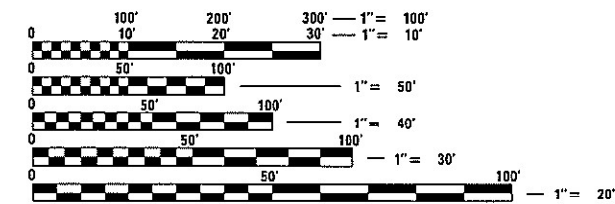


HIGHWAY STANDARDS

280001-07	630301-09	701901-08
420701-03	631031-17	780001-05
442001-04	635001-02	781001-04
442101-09	642001-03	782001-01
442201-03	665001-02	782006-01
542301-03	701001-02	BLR21-9
542306-03	701006-05	
542311-07	701101-05	
542531-04	701106-02	
542546-01	701400-11	
601001-05	701401-13	
601101-02	701406-13	
604101-01	701411-09	
606001-08	701426-09	
606301-04	701428-01	
630001-12	701451-05	

ROADWAY CLASSIFICATION

WOODFORD COUNTY	MARSHALL COUNTY
I-39 RURAL (2019)	I-39 INTERSTATE (2019)
ADT = 15,500	ADT = 15,700
MU = 39.11%	MU = 35.67%
SU = 3.63%	SU = 3.98%



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

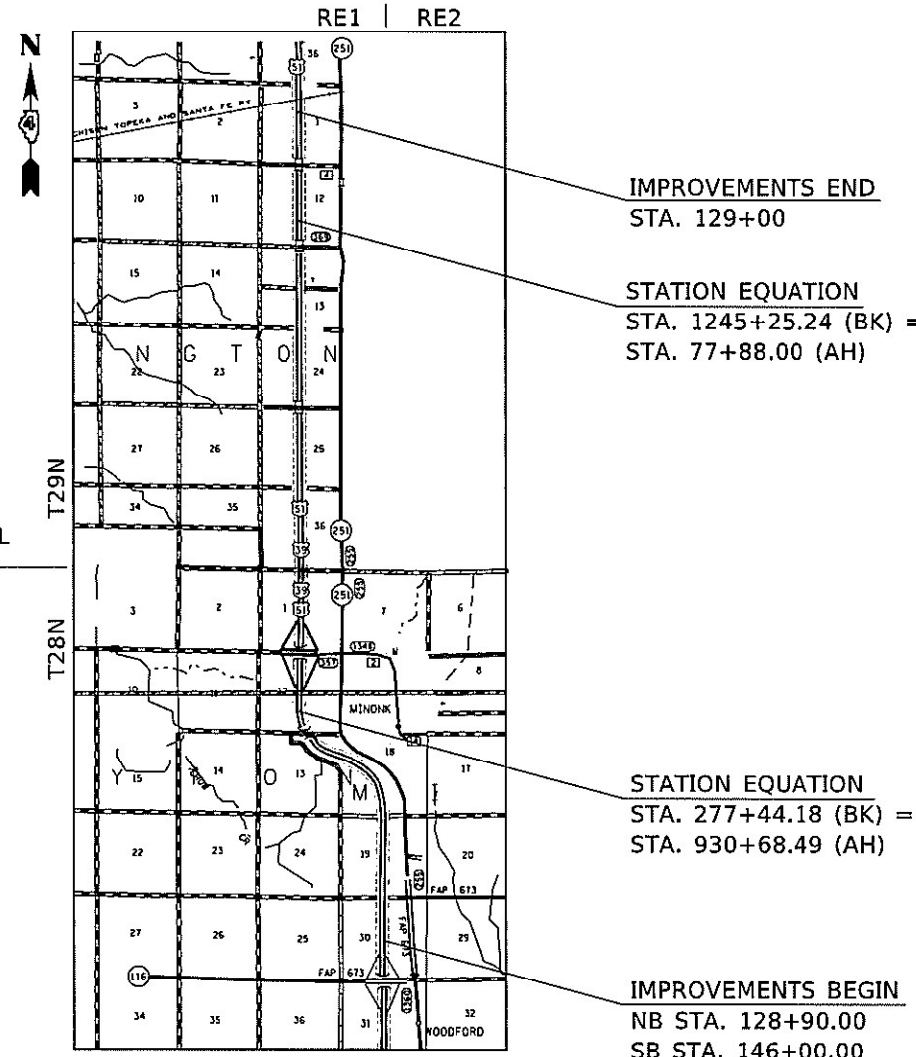
PROJECT ENGINEER: RICH DOTSON 309-671-3455
PROJECT MANAGER: ANNA DEVINE 309-671-3475
CATALOG NO. 036087-02D
CONTRACT NO. 68F87

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED
HIGHWAY PLANS

FAI ROUTE 39 (I-39/US 51)
SECTION 102(3RS-2,4RS);(62-2)RS-1
PROJECT NHPP-GYUQ(685)
3R
WOODFORD & MARSHALL COUNTY

C-94-110-20



GROSS LENGTH = 51,422 FT. = 9.739 MILES
NET LENGTH = 51,422 FT. = 9.739 MILES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39		ILLINOIS	114	1
*10213RS-2,4RS;(62-2)RS-1			CONTRACT NO. 68F87	
			MARSHALL, WOODFORD	

D-94-077-20



LOCATION OF SECTION INDICATED THUS: - [black rectangle] -

PROJECT DESCRIPTION:
RESURFACE I-39 FROM 1 MILE NORTH OF IL 116 TO 2 MILES SOUTH OF IL 17. IMPROVEMENTS ALSO INCLUDE MINOR DRAINAGE IMPROVEMENTS, OVERPASS BRIDGE REPAIRS, PAVEMENT MARKINGS, AGGREGATE SHOULDERS, AND ANY OTHER COLLATERAL WORK NECESSARY.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Feb 8 20 22
Kensel A Garnett RSO
REGION THREE ENGINEER

March 25 20 22
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

March 25 20 22
[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

- 1. COVER SHEET
- 2-3. INDEX OF SHEETS AND GENERAL NOTES
- 4. JOB SPECIFIC NOTES AND MIX REQUIREMENTS
- 5. STATUS OF UTILITIES
- 6-15. SUMMARY OF QUANTITIES
- 16-37. SCHEDULE OF QUANTITIES
- 38. LINE DIAGRAM
- 39-41. TYPICAL SECTIONS
- 42-63. GENERAL PLAN
- 64-66. COUNTY HIGHWAY 2 RAMP PLAN
- 67-71. OVERPASS STRUCTURE PLAN
- 72-76. PROPOSED GUARDRAIL
- 77-80. PAVING SEQUENCE
- 81-85. TRAFFIC CONTROL/DETOUR PLAN
- 86-87. BUTT JOINT DETAILS
- 88-89. RESURFACING UNDER STRUCTURES DETAIL
- 90. SLOPE WALL GUTTER DETAIL
- 91. MAINTENANCE CROSS-OVER DETAIL
- 92. JOINT FILLING DETAIL
- 93. OVERPASS STRUCTURES DETAIL
- 94. PARAPET SEALING DETAIL
- 95. CLASS C PATCH DETAIL
- 96. BRIDGE APPROACH SHOULDER (SPECIAL) DETAIL
- 97-102. BRIDGE APPROACH PAVEMENT (SPECIAL)
- 103-104. DRAINAGE DETAILS
- 105-114. CADD STANDARDS

107.00 COMMITMENTS

Commitments are not to be altered without the written approval of all parties to which the commitment was made.

There are no commitments included in this contract.

107.29 WINTER SHUTDOWN RESTRICTIONS ON COLD MILLED PROJECTS

Prior to winter shutdown the following steps shall be taken:

- All cold milled surfaces shall be overlaid.
- All lanes shall be reopened to traffic.
- 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 re-adjustment, as directed by the Engineer, will be paid for in accordance with Article 109.04.
- Temporary or permanent pavement marking shall be placed as applicable.

204.00 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.

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	USER NAME = \$USERS	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS AND GENERAL NOTES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -									
	PLOT SCALE = 1:100	CHECKED -	REVISED -									
	PLOT DATE = 2/10/2022	DATE -	REVISED -			SCALE:	SHEET 1	OF 4	SHEETS	STA.	TO STA.	
CONTRACT NO. 68F87												
ILLINOIS FED. AID PROJECT												

406.05 POLYMERIZED BITUMINOUS MATERIALS (TACK COAT) RATES

Surface Type	Residual Rate
Milled (HMA or PCC)	0.08 lb /sq ft
Existing Pavement	0.08 lb /sq ft
Fog Coat (between lifts)	0.08 lb /sq ft

406.15A MINIMUM VERTICAL CLEARANCE

The Contractor shall verify the existing structure vertical clearance prior to placing bituminous overlay under any structure. A minimum 16' vertical clearance shall be maintained under all structures.

406.18 BUTT JOINT CUTTING TIME RESTRICTION

Butt joints shall not be milled more than three (3) days prior to placement of the HMA surface course.

406.19 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.

440.02 SAW CUT – 18" (450 mm) SHOULDER REMOVAL – IN-PLACE WHEEL SAW GRINDING PERMITTED

A full depth saw cut shall be required at the joint between the pavement that is to be left in place and the existing shoulder that is to be removed. The Contractor may have the option of using a wheel saw to grind up the existing shoulder and leave the finely ground pieces on site under the new shoulder and on the foreslope, with the approval of the Engineer. Maximum size of pieces shall be no more than 3" (75 mm). Larger pieces shall be picked up/removed from the jobsite. No additional compensation will be allowed for variations in assumed thickness. This work shall not be paid for separately, but shall be included in the cost of the removal items.

542.00 ORDERING LENGTH CONFIRMATION – DRAINAGE ITEMS

The Contractor shall consult with the Engineer in regard to the exact length of the box/pipe culverts, storm sewers, and/or pipe drains required prior to ordering these items.

602.00 EXISTING DRAINAGE PIPES CONNECTED TO NEW STRUCTURES

In accordance with Section 602 of the Standard Specifications, the connecting of existing drain tiles, pipe culverts, or storm sewers to the proposed drainage system structures will not be paid for separately but shall be considered as included in the pay items provided.

606.04 SIGN POST HOLES

Vertical holes shall be constructed in the island pavement and/or concrete median of the type specified or concrete median surface 4 inches (100 mm). The holes shall be 24 inches (600 mm) in diameter or 24 inches (600 mm) square and they shall be free of any obstruction, except earth, for a depth of 5 feet (1.5 m) at the locations shown on the plans or as directed by the Engineer. Any holes not used for the placement of signs shall be filled and compacted flush with the top of the island pavement, concrete median of the types specified, or concrete median surface 4 inches (100 mm). The top 3 inches (75 mm) of said compacted fill shall consist of a hot-mix asphalt mixture. All holes in which the sign posts are installed at the time of this contract shall be similarly filled.

This work, including any required pavement removal necessary to construct the sign post holes, will not be paid for separately but shall be included in the contract unit price per square foot (square meter) for ISLAND PAVEMENT and/or CONCRETE MEDIAN of the type specified, or CONCRETE MEDIAN SURFACE, 4 inches (100 mm).

665.01 WOVEN WIRE FENCE REPLACEMENT COMMITMENT

The woven wire fence shall be installed prior to the removal of the existing farm fences. The Contractor shall provide a pull post at the intersection of new and existing fences. When so directed by the Engineer, the Contractor shall install the woven wire fence prior to commencing any other work in the area. The Contractor shall perform any clearing and minor grading as directed by the Engineer to provide a smooth ground surface for the proposed fence.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES

SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	3
			CONTRACT NO. 68F87	

JOB SPECIFIC NOTES

RIGHT-OF-WAY RESTRICTIONS

The Contractor shall be permitted to use the median for parking of paving equipment throughout the project limits. The locations shall be approved by the Resident Engineer and shall provide the following:

1. Any equipment parked in these areas shall be separated from traffic by barrier wall with impact attenuators on approach end of barrier wall or behind guardrail not including any Type 1 Terminals.
2. Storage of equipment shall not encroach upon the paved shoulder or be within 4' of the back of existing guardrail or 2' of temporary barrier wall. Barrier wall must be placed a minimum of 2' from the edge of passing lane.
3. Equipment parking areas shall be located on tangent sections of roadway and not in curves or any location with poor visibility of oncoming traffic.
4. The parking area shall be covered with aggregate to prevent tracking onto the roadway.

When lanes are reopened to traffic, the Contractor shall arrange within a reasonable time period to clean up and restore areas where equipment has been stored to the satisfaction of the Resident Engineer. The disturbed areas shall be seeded using Class 3A seed and covered with Mulch Method 2 or Erosion Control Blanket per Sections 250 and 251 of the Standard Specifications to restore turf to the median.

Any and all material, labor, and equipment costs necessary to comply with these required guidelines shall be included in the cost of project and will not be paid for separately.

OVERPASS STRUCTURES

1. The Contractor shall notify the Resident Engineer two (2) weeks prior to closing any overpass structure.
2. The Resident Engineer shall notify emergency agencies two (2) weeks prior to any overpass closure.
3. No two (2) adjacent overpass structures shall be closed at the same time.

The following mixture requirements are applicable for this project:

Mixture Use(s):	Polymer SMA Surface Course (2")	Polymer SMA Binder Course (2")	Polymer Binder 1" (Mainline, Ramps & Ramps Shoulder Lower Lift)	Ramps Polymer Surface (1.5") & Binder (2.5" transition mainline to ramp)	HMA Shoulder (Mainline, Ramps) (Surface Lift)	HMA Shoulder (Mainline) (Lower Lift)	Incidental Surface (Cross-Over Surface Lift)	Incidental Surface (Cross-Over Lower Lift)
AC/PG:	SBS or SBR 76-28	SBS or SBR 76-28	SBS or SBR 76-22	SBS or SBR 76-28	PG 58-28	PG 58-28	PG 64-22	PG 64-22
Design Air Voids:	4.0% @ N=80	4.0% @ N=80	4.0% @ N=50	4.0% @ N=70	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50
Mixture Composition: (Mixture Gradation)	IL 12.5	IL 12.5	IL 4.75	IL 9.5	IL 9.5FG	IL 9.5	IL 9.5FG	IL 9.5
Friction Aggregate:	Mixture E	N.A.	N.A.	Mixture E	Mixture C	N.A.	N.A.	N.A.
Quality Management Program:	PFP	PFP	PFP Mainline; QCQA All Other Locations	QC/QA	QC/QA	QC/QA	QC/QA	QC/QA
MTD:	Yes	Yes	Yes (Mainline & Ramps)	Yes	No	No	No	No

Note: 1) Individual lift thickness of each mix type will be no less than 3 times nominal maximum aggregate size and no more than 6 times nominal maximum aggregate size, unless otherwise approved by the Engineer.
 2) For design purposes, mixture weight for all mixes is determined to be 112.0 lb/s.y./in., unless otherwise noted.
 3) Sublot sizes will be 1000 tons for PFP and 600 tons for QCP, unless otherwise agreed to by the Engineer and the paving contractor.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

JOB SPECIFIC NOTES AND MIX REQUIREMENTS

SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	4
			CONTRACT NO. 68F87	

LOCATION	MIN. DEPTH	COMPANY	TYPE OF UTILITY	TYPE OF CONFLICT	DISPOSITION
CROSSES I-39 2200' SOUTH OF COUNTY ROAD 500	30"	AMEREN ILLINOIS GAS	4" TRANSMISSION GAS LINE	DRAINAGE & FULL DEPTH PAVEMENT	CAUTION
CROSSES I-39 AT VARIOUS COUNTY ROADS	NA	COMED	AERIAL ELECTRICAL CABLE	EQUIPMENT	CAUTION
CROSSES I-39 NORTH OF CO. HIGHWAY 2	30"		UNDERGROUND C-PHASE 34KV ELECTRICAL CABLE	DRAINAGE & FULL DEPTH PAVEMENT PATCHING	CAUTION
CROSSES I-39 SOUTH OF 1900N			BURIED COPPER		
CROSSES I-39 AT 2000N	36"	FRONTIER	BURIED COPPER	DRAINAGE & FULL DEPTH PAVEMENT PATCHING	CAUTION
CROSSES I-39 NORTH OF 2100N			2 BURIED COPPER LINES & BURIED FIBER		
CROSSES I-39 SOUTH AND NORTH OF CO. HIGHWAY 2			BURIED COPPER		
CROSSES I-39 SOUTH OF 000N					
CROSSES I-39 SOUTH OF 100N					
CROSSES I-39 SOUTH OF 300N					
CROSSES I-39 SOUTH OF 400N	BURIED COPPER AND FIBER				
CROSSES I-39 NORTH OF 2100N	NA	MEDIACOM	AERIAL OPTICAL CABLE	EQUIPMENT	CAUTION
CROSSES I-39 SOUTH OF 2600E	30"	METRO	BURIED FIBER	DRAINAGE & FULL DEPTH PAVEMENT PATCHING	CAUTION
CROSSES I-39 SOUTH OF CO. HIGHWAY 2					
CROSSES I-39 NORTH OF 200N					
CROSSES I-39 NORTH OF CO. HIGHWAY 2	30"	MTCO	BURIED TELEPHONE	DRAINAGE & FULL DEPTH PAVEMENT	CAUTION
ALONG EAST R.O.W. OF I-39	VARIES 36" - 60"	IDOT FIBER	BURIED FIBER	DRAINAGE & FULL DEPTH PAVEMENT PATCHING	CAUTION
CO. HIGHWAY 2 INTERCHANGE	30"	IDOT ELECTRIC	LIGHTING	DRAINAGE, FULL DEPTH PAVEMENT PATCHING AND GUARDRAIL	CAUTION
ATTACHED TO S.N. 102-0047 (CO. HIGHWAY 2)					

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STATUS OF UTILITIES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	5
			CONTRACT NO. 68F87	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				0006 ROADWAY	0006 ROADWAY	0047 BRIDGE	0047 BRIDGE
				90% FED	90% FED	90% FED	90% FED
				10% STATE WOODFORD	10% STATE MARSHALL	10% STATE WOODFORD	10% STATE MARSHALL
20200500	EARTH EXCAVATION (WIDENING)	CU YD	159	106	53		
21301060	EXPLORATION TRENCH 60" DEPTH	FOOT	900	0	900		
25000305	SEEDING, CLASS 3A	ACRE	2.75	1.75	1.00		
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	247.5	157.5	90.0		
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	247.5	157.5	90.0		
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	247.5	157.5	90.0		
** 25000750	MOWING	ACRE	367.5	182.0	185.5		
25100105	MULCH, METHOD 1	ACRE	2.75	1.75	1.00		
25100630	EROSION CONTROL BLANKET	SQ YD	12680	8564	4116		
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	270	184	86		
28000305	TEMPORARY DITCH CHECKS	FOOT	2550	1730	820		
28000400	PERIMETER EROSION BARRIER	FOOT	11518	8158	3360		
28000500	INLET AND PIPE PROTECTION	EACH	54	27	27		
28100225	STONE RIPRAP, CLASS B3	TON	1314	604	710		

**100% STATE

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 1 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	6
			CONTRACT NO. 68F87	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
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				90% FED	90% FED	90% FED	90% FED
				10% STATE WOODFORD	10% STATE MARSHALL	10% STATE WOODFORD	10% STATE MARSHALL
28100227	STONE RIPRAP, CLASS B4	TON	699	273	426		
28200200	FILTER FABRIC	SQ YD	1528	596	932		
35600716	HOT-MIX ASPHALT BASE COURSE WIDENING, 10"	SQ YD	572	381	191		
40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	886052	425306	460746		
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	3129	1778	1351		
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	4632	2427	2205		
40600990	TEMPORARY RAMP	SQ YD	1431	814	617		
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	15685	7534	8151		
40604172	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70	TON	1577	1577	0		
40605015	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT 12.5, N80	TON	31664	15502	16162		
40605034	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 12.5, MIX "E", N80	TON	30836	14147	16689		
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	264	167	97		
42000060	WELDED WIRE REINFORCEMENT	SQ YD	87	29	58		
44000100	PAVEMENT REMOVAL	SQ YD	2603	2603			

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 2 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	7
			CONTRACT NO. 68F87	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
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				90% FED	90% FED	90% FED	90% FED
				10% STATE WOODFORD	10% STATE MARSHALL	10% STATE WOODFORD	10% STATE MARSHALL
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	102	102			
44003100	MEDIAN REMOVAL	SQ FT	500	260		240	
44200553	CLASS A PATCHES, TYPE II, 10 INCH	SQ YD	12	12	0		
44200557	CLASS A PATCHES, TYPE III, 10 INCH	SQ YD	41	41	0		
44200559	CLASS A PATCHES, TYPE IV, 10 INCH	SQ YD	3068	2968	100		
44200970	CLASS B PATCHES, TYPE II, 10 INCH	SQ YD	128	128	0		
44200976	CLASS B PATCHES, TYPE IV, 10 INCH	SQ YD	87	29	58		
44201299	DOWEL BARS 1 1/2"	EACH	192	176	16		
44213000	PATCHING REINFORCEMENT	SQ YD	3121	3021	100		
44213198	TIE BARS 1/2"	EACH	90			30	60
44213200	SAW CUTS	FOOT	9612	9022	590		
44213204	TIE BARS 3/4"	EACH	1958	1820	138		
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	25223	12386	12837		
48203100	HOT-MIX ASPHALT SHOULDERS	TON	52043	24237	27806		

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 3 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	8
			CONTRACT NO. 68F87	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
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				90% FED	90% FED	90% FED	90% FED
				10% STATE WOODFORD	10% STATE MARSHALL	10% STATE WOODFORD	10% STATE MARSHALL
50157300	PROTECTIVE SHIELD	SQ YD	1974			1001	973
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	3	0	3		
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	1	0	1		
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	2	0	2		
54214509	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 24"	EACH	2	2	0		
54214515	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 30"	EACH	1	1	0		
54214521	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 36"	EACH	1	1	0		
54244405	FLUSH INLET BOX FOR MEDIAN, STANDARD 542546	EACH	1	0	1		
54246405	INLET BOX, STANDARD 542531	EACH	1	0	1		
54247150	GRATING FOR CONCRETE FLARED END SECTION 30"	EACH	1	0	1		
54247170	GRATING FOR CONCRETE FLARED END SECTION 36"	EACH	2	0	2		
54247190	GRATING FOR CONCRETE FLARED END SECTION 48"	EACH	2	2	0		
54248150	GRATING FOR CONCRETE FLARED END SECTION EQUIVALENT ROUND-SIZE 30"	EACH	4	4	0		
54248160	GRATING FOR CONCRETE FLARED END SECTION EQUIVALENT ROUND-SIZE 36"	EACH	1	1	0		

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	DRAWN -	REVISED -
PLOT SCALE = 1:100	CHECKED -	REVISED -
PLOT DATE = 2/10/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 4 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	9
			CONTRACT NO. 68F87	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				0006 ROADWAY	0006 ROADWAY	0047 BRIDGE	0047 BRIDGE
				90% FED	90% FED	90% FED	90% FED
				10% STATE WOODFORD	10% STATE MARSHALL	10% STATE WOODFORD	10% STATE MARSHALL
54248510	CONCRETE COLLAR	CU YD	15	6	9		
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	7				7
60246605	MEDIAN INLET (604101)	EACH	6	2	4		
60500060	REMOVING INLETS	EACH	14			6	8
60500305	FILLING INLETS	EACH	6			2	4
60608600	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06	FOOT	102	102			
60618320	CONCRETE MEDIAN SURFACE, 6 INCH	SQ FT	260	260			
60622400	CONCRETE MEDIAN, TYPE SM-6.06	SQ FT	240			240	
60905305	BOX CULVERTS TO BE CLEANED	FOOT	326		326		
60920006	PIPE CULVERTS TO BE CLEANED 6"	FOOT	965	400	565		
60920024	PIPE CULVERTS TO BE CLEANED 24"	FOOT	1209	710	499		
60920036	PIPE CULVERTS TO BE CLEANED 36"	FOOT	2814	2218	596		
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	2450	700	1750		
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	20	8	12		

* = SPECIALTY ITEM

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PLOT SCALE = 1:100	CHECKED -	REVISED -
PLOT DATE = 2/10/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 5 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	-	114	10
			CONTRACT NO. 68F87	
			ILLINOIS FED. AID PROJECT	

*102(3RS-2,4RS)(62-2)RS-1

MARSHALL, WOODFORD

REV. 3/18/22

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				0006 ROADWAY	0006 ROADWAY	0047 BRIDGE	0047 BRIDGE
				90% FED	90% FED	90% FED	90% FED
				10% STATE WOODFORD	10% STATE MARSHALL	10% STATE WOODFORD	10% STATE MARSHALL
* 63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	20	8	12		
63200310	GUARDRAIL REMOVAL	FOOT	4116	1682	2434		
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	198586	89110	109476		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	13	6	7		
67100100	MOBILIZATION	L SUM	1.00	0.47	0.53		
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	4	4			
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1.00	0.47	0.53		
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1.00	0.47	0.53		
70100820	TRAFFIC CONTROL AND PROTECTION, STANDARD 701451	L SUM	1	1	0		
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	10.0	4.7	5.3		
70107007	PAVEMENT MARKING BLACKOUT TAPE, 7"	FOOT	1000	500	500		
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28.00	14.00	14.00		
70300100	SHORT TERM PAVEMENT MARKING	FOOT	22338	10280	12058		
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	10696	5052	5644		

*= SPECIALTY ITEM

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PLOT DATE = 2/10/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 6 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	11
			CONTRACT NO. 68F87	

102(3RS-2.4RS)(62-2)RS-1

MARSHALL, WOODFORD

REV. 3/18/22

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				0006 ROADWAY	0006 ROADWAY	0047 BRIDGE	0047 BRIDGE
				90% FED	90% FED	90% FED	90% FED
				10% STATE WOODFORD	10% STATE MARSHALL	10% STATE WOODFORD	10% STATE MARSHALL
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	169	169	0		
70300221	TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT	FOOT	419786	200834	218952		
70300241	TEMPORARY PAVEMENT MARKING - LINE 6" - PAINT	FOOT	51568	23699	27869		
70300251	TEMPORARY PAVEMENT MARKING - LINE 8" - PAINT	FOOT	8446	8446	0		
70300261	TEMPORARY PAVEMENT MARKING - LINE 12" - PAINT	FOOT	1227	1227	0		
70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	8000	4000	4000		
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	20	8	12		
* 78004600	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LETTERS AND SYMBOLS	SQ FT	62	62	0		
* 78004620	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 4"	FOOT	209893	100417	109476		
* 78004630	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 6"	FOOT	25784	11849	13935		
* 78004640	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 8"	FOOT	4223	4223	0		
* 78004660	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 12"	FOOT	613	613	0		
* 78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	85	85	0		
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	209893	100417	109476		

*= SPECIALTY ITEM

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PLOT DATE = 2/10/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 7 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	12
			CONTRACT NO. 68F87	

ILLINOIS FED. AID PROJECT

MARSHALL, WOODFORD

REV. 3/18/22

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				0006 ROADWAY	0006 ROADWAY	0047 BRIDGE	0047 BRIDGE	
				90% FED	90% FED	90% FED	90% FED	
				10% STATE WOODFORD	10% STATE MARSHALL	10% STATE WOODFORD	10% STATE MARSHALL	
* 78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	25784	11849	13935			
* 78011045	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	4223	4223	0			
* 78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	613	613	0			
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	2669	1301	1368			
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	52	18	34			
* 78200010	BARRIER WALL REFLECTORS, TYPE B	EACH	30			12	18	
* 78200020	CURB REFLECTORS	EACH	14	14				
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	2669	1301	1368		
	X0301993	REMOVE AND REINSTALL CONCRETE HEADWALL FOR PIPE DRAIN	EACH	10	4	6		
	X0322584	REVTMENT MAT REMOVAL	SQ YD	880	167	713		
	X0325893	CLEAN EXISTING END SECTION	EACH	26	7	19		
	X0326206	RESET GRATE	EACH	1	1	0		
	X0326444	SURFACE FILLER (SPECIAL)	GALLON	21			9	12
	X0600001	MICRO-SURFACING AGGREGATE FOR CENTERLINE JOINT FILLING	TON	37	37			

*= SPECIALTY ITEM

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PLOT SCALE = 1:100	CHECKED -	REVISED -
PLOT DATE = 2/10/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 8 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	-	114	13
			CONTRACT NO. 68F87	
			ILLINOIS FED. AID PROJECT	

*102(3RS-2,4RS)(62-2)RS-1

MARSHALL, WOODFORD

REV. 3/18/22

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				0006 ROADWAY	0006 ROADWAY	0047 BRIDGE	0047 BRIDGE
				90% FED	90% FED	90% FED	90% FED
				10% STATE WOODFORD	10% STATE MARSHALL	10% STATE WOODFORD	10% STATE MARSHALL
X0600002	MICRO-SURFACING EMULSIFIED ASPHALT FOR CENTERLINE JOINT FILLING	POUND	8952	8952			
X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	291	222	69		
X2140100	GRADING AND SHAPING DITCHES, SPECIAL	FOOT	11480	7872	3608		
X2600002	RECOVERABLE DELINEATORS	EACH	722	442	280		
X4200501	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED) SPECIAL	SQ YD	2603	2603			
X4201400	BRIDGE APPROACH PAVEMENT (SPECIAL)	SQ YD	302			204	98
X4201510	P.C. CONCRETE BRIDGE APPROACH SHOULDER PAVEMENT (SPECIAL)	SQ YD	106			71	35
X4400196	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL	SQ YD	17531	8408	9123		
X4420726	CLASS C PATCHES, TYPE II, 10 INCH (SPECIAL)	SQ YD	47			20	27
X5010523	REMOVE CONCRETE END SECTION	EACH	10	4	6		
X5015225	PIPE CULVERT REMOVAL (SPECIAL)	FOOT	1139	444	695		
X5030550	PROTECTIVE COAT (SPECIAL)	SQ YD	1702			738	964
X6028000	MANHOLES TO BE RECONSTRUCTED (SPECIAL)	EACH	18	0	18		
X6050500	REMOVE FRAME AND GRATES, SPECIAL	EACH	8	2	6		

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PLOT SCALE = 1:100	CHECKED -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 9 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	-	114	14
			CONTRACT NO. 68F87	
			ILLINOIS FED. AID PROJECT	

*102(3RS-2,4RS)(62-2)RS-1

MARSHALL, WOODFORD

REV. 3/18/22

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				0006 ROADWAY	0006 ROADWAY	0047 BRIDGE	0047 BRIDGE
				90% FED	90% FED	90% FED	90% FED
				10% STATE WOODFORD	10% STATE MARSHALL	10% STATE WOODFORD	10% STATE MARSHALL
X6350120	DELINEATOR REMOVAL	EACH	385	212	173		
X6650208	WOVEN WIRE FENCE REMOVAL AND REPLACEMENT	FOOT	642	642			
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	0.2	0.8		
X7011800	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1	0.2	0.8		
XZ013798	CONSTRUCTION STATION LAYOUT	L SUM	1.00	0.47	0.53		
Z0001002	GUARDRAIL AGGREGATE EROSION CONTROL	TON	1348	524	824		
Z0001495	BRIDGE APPROACH SHOULDER REMOVAL	SQ YD	100			67	33
Z0004552	APPROACH SLAB REMOVAL	SQ YD	302			204	98
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	184			180	4
Z0016200	DECK SLAB REPAIR (PARTIAL)	SQ YD	97			51	46
Ø Z0076600	TRAINEES	HOUR	1,000	1,000			
Z0032470	JOINT SEALER	FOOT	180			68	112
Ø Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOUR	1,000	1,000			
Z0034105	MATERIAL TRANSFER DEVICE	TON	77838	36903	40935		

Ø 0042

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PLOT SCALE = 1:100	CHECKED -	REVISED -
PLOT DATE = 2/10/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 10 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	-	114	15
			CONTRACT NO. 68F87	
			ILLINOIS FED. AID PROJECT	

*102(3RS-2,4RS)(62-2)RS-1 MARSHALL, WOODFORD

REV. 3/18/22 REV. 3/8/22

PAVEMENT TOTAL TABLE																			
LOCATION	HMA SURF. REMOVAL - BUTT JOINT	PCC SURF. REMOVAL - BUTT JOINT	TEMPORARY RAMP	HMA SURFACE REMOVAL SPECIAL	POLY. HMA BINDER COURSE, IL-4.75, N50	POLY. HMA BINDER COURSE, SMA 12.5, N80	POLY. HMA SURFACE COURSE, SMA, 12.5, MIX "E", N80		POLY. HMA SURFACE COURSE, IL-9.5, MIX "E", N70	POLY. BIT. MATERIALS (TACK COAT)			MATERIAL TRANSFER DEVICE						
							1:480	1:480		1:80	Joint Trimming	1"		2"	2"	Qty. for Joint Trimming	RATES USED FOR CALCS. (LB/SQ FT)		
																	PCC Surface	Fog Coat	Joint Trimming
SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	TON	TON	TON	TON	TON	LB.	LB.	LB.	TON							
WOODFORD COUNTY																			
NORTHBOUND	533.3	284.2	160.1	1336.3	3536.1	7112	7184.1	149.7	0	46183.4	91236.1	962.2	17981.9						
SOUTHBOUND	533.3	426.6	160.1	1241.3	3328.3	6601.3	6673.4	139	0	42900.2	85229.9	893.8	16742						
RAMPS		355.6	118.8		602.2				1576.7	7742.4	11205.9		2178.9						
SHOULDER TOTAL TABLE	711.2	649	256.6	5830.1							126302.6								
PAVEMENT DIP TABLE					67.2					1152									
PAVEMENT CORRECTION TABLE		711.2	118.5			1788.5				11497.6									
MARSHALL COUNTY																			
NORTHBOUND	320	924.4	231.4	1520.5	4020.7	8058.2	8174.2	170.3	0	52548.6	103549.4	1094.8	20423.4						
SOUTHBOUND	320	640	160.2	1520.5	4063.2	8103.4	8174.2	170.3	0	52548.6	104334.6	1094.8	20511.1						
SHOULDER TOTAL TABLE	711	640.2	225.4	6082							144422.9								
PAVEMENT DIP TABLE TOTAL					67.2					1152									
WOODFORD COUNTY TOTAL	1778	2427	814	8408	7534	15502	13858	289	1577	425306			36903						
MARSHALL COUNTY TOTAL	1351	2205	617	9123	8151	16162	16348	341	0	460746			40935						
PROJECT TOTAL	3129	4632	1431	17531	15685	31664	30836		1577	886052			77838						

SHOULDER TOTAL TABLE																
LOCATION	HMA SURF. REMOVAL - BUTT JOINT	PCC SURF. REMOVAL - BUTT JOINT	TEMPORARY RAMP	INCIDENTAL HMA SURFACING	HMA SHOULDERS						POLY. BIT. MATERIALS (TACK COAT)			HMA SURFACE REMOVAL SPECIAL	SHOULDER RUMBLE STRIPS, 16"	
					Under Structure Tapers (Varies)	2.5" Bottom Lift	2.5" Top Lift	3" Bottom Lift	2" Top Lift	Qty. for Joint Trimming	RATES USED FOR CALCS. (LB/SQ FT)					
											0.08	0.08	0.08			
SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	TON	TON	TON	TON	TON	TON	TON	PCC	HMA Lifts	Joint Trimming	SQ. YD.	FT.	
WOODFORD COUNTY																
NORTHBOUND	355.6	213.4	94.9		102.4			6723.4	4493.4	299.3	29314.7	29019.5	1924.3	2672.7	46265	
SOUTHBOUND	355.6	213.4	94.9		127.8			6212.7	4153	278.1	27125.9	26830.7	1787.5	2482.7	42845	
RAMP		222.2	66.8			562.7	1082.7			94.5	5568.1	2893.7	485.8	674.7		
V-GUTTER TABLE				26.5										81.9		
MEDIAN CROSSOVER TABLE				140.3			106.8							1270.5		
MARSHALL COUNTY																
NORTHBOUND	355.5	426.8	130.5		220.2			7962.7	5324.4	340.6	35032.4	34535.3	2189.5	3041	54738.1	
SOUTHBOUND	355.5	213.4	94.9		122.5			8055.6	5386.3	340.6	35032.4	34728.8	2189.5	3041	54738.1	
V-GUTTER TABLE				27.1										79.7		
MEDIAN CROSSOVER TABLE				70.1			53.4							635.3		
WOODFORD COUNTY TOTAL	711.2	649	256.6	166.8			24236.8							5830.1	89110	
MARSHALL COUNTY TOTAL	711	640.2	225.4	97.2			27806.3							6082	109476.2	
PROJECT TOTAL				264			52043								198586	

AGGREGATE SHOULDER TOTAL TABLE	
LOCATION	AGGREGATE WEDGE SHOULDERS, TYPE B TON
WOODFORD COUNTY	
NORTHBOUND	5635
SOUTHBOUND	5233
RAMPS	1517
MARSHALL COUNTY	
NORTHBOUND	6419
SOUTHBOUND	6419
WOODFORD COUNTY TOTAL	12386
MARSHALL COUNTY TOTAL	12837
PROJECT TOTAL	25223

USER NAME = \$USERS	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A.I. RTE.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -		39	*	*	114	16				
PLOT SCALE = 1:100	CHECKED -	REVISED -		SCALE: SHEET 1 OF 22 SHEETS STA. TO STA.				CONTRACT NO. 68F87				
PLOT DATE = 2/10/2022	DATE -	REVISED -						ILLINOIS FED. AID PROJECT				

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NORTHBOUND PAVEMENT TABLE

LOCATION	LENGTH	WIDTH	AREA	HMA SURF. REMOVAL - BUTT JOINT	PCC SURF. REMOVAL - BUTT JOINT	TEMPORARY RAMP	HMA SURFACE REMOVAL SPECIAL	POLY. HMA BINDER COURSE, IL-4.75, N50	POLY. HMA BINDER COURSE, SMA 12.5, N80	POLY. HMA SURFACE COURSE, SMA, 12.5, MIX "E", N80		POLY. HMA SURFACE COURSE, IL-9.5, MIX "E", N70	POLY. BIT. MATERIALS (TACK COAT)			MATERIAL TRANSFER DEVICE			
				1:480	1:480	1:80	Joint Trimming	1"	2"	2"	Qty. for Joint Trimming (6" Wide)	1 1/2"	RATES USED FOR CALCS. (LB/SQ FT)						
				SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	TON	TON	TON	TON	TON	PCC Surface	Fog Coat	Joint Trimming		TON		
				FT.	FT.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	TON	TON	TON	TON	LB.	LB.		LB.	TON	
I-39 NORTHBOUND																			
STA. 128+90.00			TO 129+46.00	56.0	24.0	149.3	149.3		35.6	3.1		16.7	0.3		107.5		2.2	17.1	
STA. 129+46.00			TO 130+90.00	144.0	24.0	384.0	384.0		53.3	8.0	21.5	43.0	0.9		276.5	553.0	5.8	108.4	
STA. 130+90.00			TO 180+00.00	4910.0	24.0	13093.3				272.8	733.2	1466.4	30.6		9427.2	18854.4	196.4	3696.7	
STA. 180+00.00			TO 189+62.78	962.8	24.0	2567.4				53.5	143.8	287.5	6.0		1848.5	3697.1	38.5	724.9	
STA. 189+62.78			TO 227+41.97	3779.2	24.0	10077.8				210.0	564.4	1128.7	23.5		7256.0	14512.1	151.2	2845.3	
STA. 227+41.97			TO 239+31.90	1189.9	24.0	3173.1				66.1	177.7	355.4	7.4		2284.7	4569.3	47.6	395.9	
STA. 239+31.90			TO 261+90.23	2258.3	24.0	6022.2				125.5	337.2	674.5	14.1		4336.0	8672.0	90.3	1700.3	
STA. 261+90.23			TO 277+44.18 (BK)	1554.0	24.0	4143.9				86.3	232.1	464.1	9.7		2983.6	5967.2	62.2	1170.0	
STA. 930+68.49 (AH)			TO 949+00.29	1831.8	24.0	4884.8				101.8	273.5	547.1	11.4		3517.1	7034.1	73.3	1379.1	
STA. 949+00.29			TO 967+37.07	1836.8	24.0	4898.1				102.0	274.3	548.6	11.4		3526.6	7053.2	73.5	1382.9	
STA. 967+37.07			TO 967+63.77	26.7	24.0	71.2				1.5	2.0	8.0	0.2		51.3	102.5	1.1	18.1	
STA. 967+63.77			TO 968+17.07	53.3	24.0	142.1		142.1	35.6	3.0		15.9	0.3		102.3	102.3	2.1	32.2	
STA. 968+17.07			TO 970+02.24	185.2	24.0	493.8				10.3		55.3	1.2		355.5		7.4	56.5	
STA. 970+02.24			TO 970+55.54	53.3	24.0	142.1		142.1	35.6	3.0		15.9	0.3		102.3	102.3	2.1	32.2	
STA. 970+55.54			TO 970+82.24	26.7	24.0	71.2				1.5	2.0	8.0	0.2		51.3	102.5	1.1	18.1	
STA. 970+82.24			TO 1022+68.18	5185.9	24.0	13829.2				288.1	774.4	1548.9	32.3		9957.0	19914.0	207.4	3904.4	
WOODFORD/MARSHALL COUNTY SPLIT																			
STA. 1022+68.18			TO 1109+82.01	8713.8	24.0	23236.9				484.1	1301.3	2602.5	54.2		16730.6	33461.1	348.6	6560.6	
STA. 1109+82.01			TO 1115+52.29	570.3	24.0	1520.7				31.7	85.2	170.3	3.5		1094.9	2189.9	22.8	429.3	
STA. 1115+52.29			TO 1128+92.07	1339.8	24.0	3572.7				74.4	200.1	400.1	8.3		2572.4	5144.8	53.6	1008.7	
STA. 1128+92.07			TO 1159+16.76	3024.7	24.0	8065.8				168.0	451.7	903.4	18.8		5807.4	11614.8	121.0	2277.2	
STA. 1159+16.76			TO 1166+19.03	702.3	24.0	1872.7				39.0	104.9	209.7	4.4		1348.4	2696.7	28.1	528.7	
STA. 1166+19.03			TO 1233+73.32	6754.3	24.0	18011.4				375.2	1008.6	2017.3	42.0		12968.2	25936.5	270.2	5085.2	
STA. 1233+73.32			TO 1234+00.00	26.7	24.0	71.1				1.5	2.0	8.0	0.2		51.2	102.5	1.1	18.1	
STA. 1234+00.00			TO 1234+53.32	53.3	24.0	142.2		142.2	35.6	3.0		15.9	0.3		102.4	102.4	2.1	32.2	
STA. 1234+53.32			TO 1236+04.48	151.2	24.0	403.1				8.4		45.1	0.9		290.2		6.0	46.1	
STA. 1236+04.48			TO 1236+57.80	53.3	24.0	142.2		142.2	35.6	3.0		15.9	0.3		102.4	102.4	2.1	32.2	
STA. 1236+57.80			TO 1236+84.48	26.7	24.0	71.1				1.5	2.0	8.0	0.2		51.2	102.5	1.1	18.1	
STA. 1236+84.48			TO 1238+78.24	193.8	24.0	516.7				10.8	28.9	57.9	1.2		372.0	744.0	7.8	145.9	
STA. 1238+78.24			TO 1245+25.24 (BK)	647.0	24.0	1725.3				35.9	96.6	193.2	4.0		1242.2	2484.5	25.9	487.1	
STA. 77+88.00 (AH)			TO 110+49.12	3261.1	24.0	8696.3				181.2	487.0	974.0	20.3		6261.4	12522.7	130.4	2455.3	
STA. 110+49.12			TO 119+44.48	895.4	24.0	2387.6				49.7	133.7	267.4	5.6		1719.1	3438.2	35.8	674.1	
STA. 119+44.48			TO 120+24.48	80.0	24.0	213.3		213.3	35.6	4.4	11.9	23.9	0.5		153.6	307.2	3.2	60.2	
STA. 120+24.48			TO 121+81.64	157.2	24.0	419.1				8.7	23.5		1.0		301.7	301.7	6.3	71.4	
STA. 121+81.64			TO 122+61.64	80.0	24.0	213.3		213.3	35.6	4.4	11.9	23.9	0.5		153.6	307.2	3.2	60.2	
STA. 122+61.64			TO 127+00.00	438.4	24.0	1169.0				24.4	65.5	130.9	2.7		841.7	1683.3	17.5	330.0	
STA. 127+00.00			TO 127+40.00	40.0	24.0	106.7		106.7	17.8	2.2	6.0	12.0	0.2		76.8	153.6	1.6	30.1	
STA. 127+40.00			TO 127+80.00	40.0	24.0	106.7		106.7		2.2		12.0	0.2		76.8	76.8	1.6	24.1	
STA. 127+80.00			TO 128+20.00	40.0	24.0	106.7	106.7		35.6	2.2		12.0	0.2		76.8	76.8	1.6	24.1	
STA. 128+20.00			TO 129+00.00	80.0	24.0	213.3	213.3		35.6	4.4		23.9	0.5		153.6		3.2	24.4	
WOODFORD COUNTY SUBTOTAL							533.3	284.2	160.1	1336.3	3536.1	7112.0	149.7	0.0	46183.4	91236.1	962.2	17981.9	
MARSHALL COUNTY SUBTOTAL							320.0	924.4	231.4	1520.5	4020.7	8058.2	8174.2	170.3	0.0	52548.6	103549.4	1094.8	20423.4
NORTHBOUND SUBTOTAL							853.3	1208.6	391.5	2856.8	7556.8	15170.2	15358.3	320.0	0.0	98732.0	194785.5	2057.0	38405.3

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PLOT DATE = 2/10/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET 2 OF 22 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	17
CONTRACT NO. 68F87				
ILLINOIS FED. AID PROJECT				

SOUTHBOUND PAVEMENT TABLE

LOCATION	LENGTH	WIDTH	AREA	HMA SURF. REMOVAL - BUTT JOINT	PCC SURF. REMOVAL - BUTT JOINT	TEMPORARY RAMP	HMA SURFACE REMOVAL SPECIAL	POLY. HMA BINDER COURSE, IL-4.75, N50	POLY. HMA BINDER COURSE, SMA 12.5, N80	POLY. HMA SURFACE COURSE, SMA, 12.5, MIX "E", N80		POLY. HMA SURFACE COURSE, IL-9.5, MIX "E", N70	POLY. BIT. MATERIALS (TACK COAT)			MATERIAL TRANSFER DEVICE			
				1:480	1:480	1:80	Joint Trimming	1"	2"	2"	Qty. for Joint Trimming (6" Wide)	1 1/2"	RATES USED FOR CALCS. (LB/SQ FT)						
				SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	TON	TON	TON	TON	TON	PCC Surface	Fog Coat	Joint Trimming		TON		
				FT.	FT.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	TON	TON	TON	TON	TON	LB.	LB.	LB.	TON	
I-39 SOUTHBOUND																			
STA 146+00.00		TO	146+56.00	56.0	24.0	149.3	149.3		35.6	3.1			16.7	0.3		107.5		2.2	17.1
STA 146+56.00		TO	148+00.00	144.0	24.0	384.0	384.0		53.3	8.0	21.5	43.0	43.0	0.9		276.5	553.0	5.8	108.4
STA 148+00.00		TO	180+00.00	3200.0	24.0	8533.3				177.8	477.9	955.7	955.7	19.9		6144.0	12288.0	128.0	2409.2
STA 180+00.00		TO	189+62.78	962.8	24.0	2567.4				53.5	143.8	287.5	287.5	6.0		1848.5	3697.1	38.5	724.9
STA 189+62.78		TO	227+41.97	3779.2	24.0	10077.8				210.0	564.4	1128.7	1128.7	23.5		7256.0	14512.1	151.2	2845.3
STA 227+41.97		TO	239+31.90	1189.9	24.0	3173.1				66.1	177.7	355.4	355.4	7.4		2284.7	4569.3	47.6	895.9
STA 239+31.90		TO	261+90.23	2258.3	24.0	6022.2				125.5	337.2	674.5	674.5	14.1		4336.0	8672.0	90.3	1700.3
STA 261+90.23		TO	277+44.18 (BK)	1554.0	24.0	4143.9				86.3	232.1	464.1	464.1	9.7		2983.6	5967.2	62.2	1170.0
STA 930+68.49 (AH)		TO	949+00.29	1831.8	24.0	4884.8				101.8	273.5	547.1	547.1	11.4		3517.1	7034.1	73.3	1379.1
STA 949+00.29		TO	967+37.07	1836.8	24.0	4898.1				102.0	274.3	548.6	548.6	11.4		3526.6	7053.2	73.5	1382.9
STA 967+37.07		TO	968+17.07	80.0	24.0	213.3				4.4	11.9	23.9	23.9	0.5		153.6	307.2	3.2	60.2
STA 968+17.07		TO	970+02.24	185.2	24.0	493.8				10.3	27.7			1.2		355.5	355.5	7.4	84.1
STA 970+02.24		TO	970+82.24	80.0	24.0	213.3				4.4	11.9	23.9	23.9	0.5		153.6	307.2	3.2	60.2
STA 970+82.24		TO	1022+68.18	5185.9	24.0	13829.2				288.1	774.4	1548.9	1548.9	32.3		9957.0	19914.0	207.4	3904.4
WOODFORD/MARSHALL COUNTY SPLIT																			
STA 1022+68.18		TO	1109+82.01	8713.8	24.0	23236.9				484.1	1301.3	2602.5	2602.5	54.2		16730.6	33461.1	348.6	6560.6
STA 1109+82.01		TO	1115+52.29	570.3	24.0	1520.7				31.7	85.2	170.3	170.3	3.5		1094.9	2189.9	22.8	429.3
STA 1115+52.29		TO	1128+92.07	1339.8	24.0	3572.7				74.4	200.1	400.1	400.1	8.3		2572.4	5144.8	53.6	1008.7
STA 1128+92.07		TO	1159+16.76	3024.7	24.0	8065.8				168.0	451.7	903.4	903.4	18.8		5807.4	11614.8	121.0	2277.2
STA 1159+16.76		TO	1166+19.03	702.3	24.0	1872.7				39.0	104.9	209.7	209.7	4.4		1348.4	2696.7	28.1	528.7
STA 1166+19.03		TO	1235+28.97	6909.9	24.0	18426.5				383.9	1031.9	2063.8	2063.8	43.0		13267.1	26534.2	276.4	5202.4
STA 1235+28.97		TO	1238+78.24	349.3	24.0	931.4				19.4	52.2	104.3	104.3	2.2		670.6	1341.2	14.0	263.0
STA 1238+78.24		TO	1245+25.24 (BK)	647.0	24.0	1725.3				35.9	96.6	193.2	193.2	4.0		1242.2	2484.5	25.9	487.1
STA 77+88.00 (AH)		TO	110+49.12	3261.1	24.0	8696.3				181.2	487.0	974.0	974.0	20.3		6261.4	12522.7	130.4	2455.3
STA 110+49.12		TO	119+44.48	895.4	24.0	2387.6				49.7	133.7	267.4	267.4	5.6		1719.1	3438.2	35.8	674.1
STA 119+44.48		TO	120+24.48	80.0	24.0	213.3				4.4	11.9	23.9	23.9	0.5		153.6	307.2	3.2	60.2
STA 120+24.48		TO	121+81.64	157.2	24.0	419.1				8.7	23.5		46.9	1.0		301.7	301.7	6.3	71.4
STA 121+81.64		TO	122+61.64	80.0	24.0	213.3				4.4	11.9	23.9	23.9	0.5		153.6	307.2	3.2	60.2
STA 122+61.64		TO	127+00.00	438.4	24.0	1169.0				24.4	65.5	130.9	130.9	2.7		841.7	1683.3	17.5	330.0
STA 127+00.00		TO	127+40.00	40.0	24.0	106.7				2.2	6.0	12.0	12.0	0.2		76.8	153.6	1.6	30.1
STA 127+40.00		TO	127+80.00	40.0	24.0	106.7				2.2	6.0	12.0	12.0	0.2		76.8	153.6	1.6	30.1
STA 127+80.00		TO	128+20.00	40.0	24.0	106.7	106.7			2.2	6.0	12.0	12.0	0.2		76.8	153.6	1.6	30.1
STA 128+20.00		TO	129+00.00	80.0	24.0	213.3	213.3			4.4	11.9	23.9	23.9	0.5		153.6	307.2	3.2	60.2
WOODFORD COUNTY SUBTOTAL							533.3	426.6	160.1	1241.3	3328.3	6601.3	6673.4	139.0	0.0	42900.2	85229.9	893.8	16742.0
MARSHALL COUNTY SUBTOTAL							320.0	640.0	160.2	1520.5	4063.2	8103.4	8174.2	170.3	0.0	52548.6	104334.6	1094.8	20511.1
SOUTHBOUND SUBTOTAL							853.3	1066.6	320.3	2761.8	7391.5	14704.7	14847.6	309.3	0.0	95448.8	189564.5	1988.6	37253.1

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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET 3 OF 22 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	18
CONTRACT NO. 68F87				
ILLINOIS FED. AID PROJECT				

RAMP PAVEMENT TABLE															
LOCATION	LENGTH	WIDTH	AREA	PCC SURF. REMOVAL - BUTT JOINT	TEMPORARY RAMP	POLY. HMA BINDER COURSE, IL-4.75, N50	POLY. HMA SURFACE COURSE, IL-9.5, MIX "E", N70			POLY. BIT. MATERIALS (TACK COAT)		MATERIAL TRANSFER DEVICE			
							RATES USED FOR CALCS. (LB/SQ FT)		PCC Surface	Fog Coat					
							0.08	0.08							
	FT.	FT.	SQ. YD.	SQ. YD.	SQ. YD.	TON	TON	TON	LB.	LB.	TON				
I-39 RAMPS															
Ramp C	STA.	0+00.0	TO	3+03.6	303.6	VAR	303.7			17.0	42.5	25.5	218.6	437.3	85.0
	STA.	3+03.6	TO	6+64.8	361.20	16.0	642.1			36.0	89.9	53.9	462.3	924.6	179.8
	STA.	6+64.8	TO	7+14.8	50.00	16.0	88.9	88.9	29.7	5.0	12.4	7.5	64.0	128.0	24.9
	STA.	7+14.8	TO	17+13.1	998.3	16.0	1774.8			99.4		149.1	1277.9	1277.9	248.5
Ramp B	STA.	1+51.3	TO	8+24.6	673.3	16.0	1197.0			67.0		100.5	861.8	861.8	167.6
	STA.	8+24.6	TO	8+74.6	50.0	16.0	88.9	88.9	29.7	5.0	12.4	7.5	64.0	128.0	24.9
	STA.	8+74.6	TO	12+00.0	325.4	16.0	578.5			32.4	81.0	48.6	416.5	833.0	162.0
Ramp D	STA.	12+00.0	TO	20+50.0	850.0	VAR	846.6			47.4	118.5	71.1	609.6	1219.1	237.1
	STA.	1+51.2	TO	8+24.2	673.0	16.0	1196.4			67.0		100.5	861.4	861.4	167.5
	STA.	8+24.2	TO	8+74.2	50.0	16.0	88.9	88.9	29.7	5.0	12.4	7.5	64.0	128.0	24.9
Ramp A	STA.	8+74.2	TO	12+00.0	325.8	16.0	579.2			32.4	81.1	48.7	417.0	834.0	162.2
	STA.	12+00.0	TO	20+49.6	849.6	VAR	896.9			50.2	125.6	75.3	645.8	1291.5	251.1
	STA.	0+00.0	TO	3+03.6	303.6	VAR	303.7			17.0	42.5	25.5	218.6	437.3	85.0
	STA.	3+03.6	TO	6+64.7	361.1	16.0	304.1			17.0	42.6	25.5	218.9	437.9	85.1
WOODFORD COUNTY RAMP SUBTOTAL	STA.	6+64.7	TO	7+14.7	50.0	16.0	88.9	88.9	29.7	5.0	12.4	7.5	64.0	128.0	24.9
	STA.	7+14.7	TO	17+13.1	998.4	16.0	1774.9			99.4		149.1	1277.9	1277.9	248.5
					355.6	118.8	602.2	673.4	903.3	7742.4	11205.9	2178.9			

PAVEMENT DIPS					
LOCATION	LENGTH	WIDTH	AREA	POLY. HMA BINDER COURSE, IL-4.75, N50	POLY. BIT. MATERIALS (TACK COAT)
					RATES USED FOR CALCS. (LB/SQ FT)
					0.08
	FT.	FT.	SQ. YD.	TON	PCC Surface
					LB.
(TO BE DETERMINED IN THE FIELD BY THE ENGINEER)					
I-39 NORTHBOUND					
LOCATION 1	100.0	24.0	266.7	11.2	192.0
LOCATION 2	100.0	24.0	266.7	11.2	192.0
LOCATION 3	100.0	24.0	266.7	11.2	192.0
WOODFORD/MARSHALL COUNTY SPLIT					
LOCATION 4	100.0	24.0	266.7	11.2	192.0
LOCATION 5	100.0	24.0	266.7	11.2	192.0
LOCATION 6	100.0	24.0	266.7	11.2	192.0
I-39 SOUTHBOUND					
LOCATION 1	100.0	24.0	266.7	11.2	192.0
LOCATION 2	100.0	24.0	266.7	11.2	192.0
LOCATION 3	100.0	24.0	266.7	11.2	192.0
WOODFORD/MARSHALL COUNTY SPLIT					
LOCATION 4	100.0	24.0	266.7	11.2	192.0
LOCATION 5	100.0	24.0	266.7	11.2	192.0
LOCATION 6	100.0	24.0	266.7	11.2	192.0
WOODFORD COUNTY SUBTOTAL				67.2	1152.0
MARSHALL COUNTY SUBTOTAL				67.2	1152.0
PAVEMENT DIPS SUBTOTAL				134.4	2304.0

PAVEMENT CORRECTION TABLE										
LOCATION	LENGTH	WIDTH	AREA	PCC SURF. REMOVAL - BUTT JOINT	TEMPORARY RAMP	POLY. HMA BINDER COURSE, SMA 12.5, N80	POLY. BIT. MATERIALS (TACK COAT)			
							RATES USED FOR CALCS. (LB/SQ FT)			
							0.08			
	FT.	FT.	SQ. YD.	SQ. YD.	SQ. YD.	TON	PCC Surface			
							LB.			
I-39 NORTHBOUND										
STA.	986+75.00	TO	987+55.00	80.0	40.0	355.6	355.6	59.3	39.8	256.0
STA.	987+55.00	TO	1021+88.00	3433.0	40.0	15257.8			1708.9	10985.5
STA.	1021+88.00	TO	1022+68.00	80.0	40.0	355.6	355.6	59.3	39.8	256.0
PAVEMENT CORRECTION (WOODFORD COUNTY) SUBTOTAL				711.2	118.5	1788.5	11497.6			

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 PROJECT: C:\Users\paw.bendley\OneDrive - Illinois\Documents\DOT Office\Director -\Projects\102-395-2-4R5\62-2\RS-1\302(3RS-2,4RS)(62-2)RS-1.dwg

USER NAME = \$USERS	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -					39	*	*	114	19
PLOT SCALE = 1:100	CHECKED -	REVISED -					CONTRACT NO. 68F87				
PLOT DATE = 2/10/2022	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				
			SCALE: SHEET 4 OF 22 SHEETS STA. TO STA.			102(3RS-2,4RS)(62-2)RS-1 MARSHALL, WOODFORD					

NORTHBOUND SHOULDER TABLE																	
LOCATION	LENGTH	RT WIDTH	LT WIDTH	HMA SURF. REMOVAL - BUTT JOINT	PCC SURF. REMOVAL - BUTT JOINT	TEMPORARY RAMP	HMA SHOULDERS					POLY. BIT. MATERIALS (TACK COAT)			HMA SURFACE REMOVAL SPECIAL	SHOULDER RUMBLE STRIPS, 16"	
				1:480	1:480	1:80	Under Structure Tapers (Varies)	3" Bottom Lift	2" Top Lift	Qty. for Joint Trimming (6" Wide x 2" Top Lift)*	RATES USED FOR CALCS. (LB/SQ FT)			(JOINT TRIMMING)*	SQ. YD.	FT.	
											0.08	0.08	0.08				
FT.	FT.	FT.	SQ. YD.	SQ. YD.	SQ. YD.	TON	TON	TON	TON	TON	PCC	HMA Lifts	Joint Trimming	SQ. YD.	FT.		
I-39 NORTHBOUND																	
STA. 128+90.00		TO	129+46.00	56.0	10	6											
STA. 129+46.00		TO	130+90.00	144.0	10	6											
STA. 130+90.00		TO	180+00.00	4910.0	10	6											
STA. 180+00.00		TO	189+62.78	962.8	10	6											
STA. 189+62.78		TO	227+41.97	3779.2	10	6											
STA. 227+41.97		TO	239+31.90	1189.9	10	6											
STA. 239+31.90		TO	261+90.23	2258.3	10	6											
STA. 261+90.23		TO	277+44.18 (BK)	1554.0	10	6											
STA. 930+58.49	(AH)	TO	949+00.29	1831.8	10	6											
STA. 949+00.29		TO	951+43.28	243.0	10	6											
STA. 951+43.28		TO	958+08.17	664.9		6											
STA. 958+08.17		TO	967+42.32	934.2	10	6											
STA. 967+42.32		TO	968+22.32	80.0	10	6			106.7	17.8	33.8						
STA. 968+22.32		TO	969+96.99	174.7	10	6											
STA. 969+96.99		TO	970+76.99	80.0	10	6			106.7	17.8	33.8						
STA. 970+76.99		TO	976+83.07	606.1	10	6											
STA. 976+83.07		TO	988+60.97	1177.9		6											
STA. 988+60.97		TO	1022+68.18	3407.2	10	6											
WOODFORD/MARSHALL COUNTY SPLIT																	
STA. 1022+68.18		TO	1109+82.01	8713.8	10	6											
STA. 1109+82.01		TO	1115+52.29	570.3	10	6											
STA. 1115+52.29		TO	1128+92.07	1339.8	10	6											
STA. 1128+92.07		TO	1159+16.76	3024.7	10	6											
STA. 1159+16.76		TO	1166+19.03	702.3	10	6											
STA. 1166+19.03		TO	1233+73.32	6754.3	10	6											
STA. 1233+73.32		TO	1234+53.32	80.0	10	6			106.7	17.8	33.8						
STA. 1234+53.32		TO	1236+04.48	151.2	10	6											
STA. 1236+04.48		TO	1236+84.48	80.0	10	6			106.7	17.8	33.8						
STA. 1236+84.48		TO	1238+78.24	193.8	10	6											
STA. 1238+78.24		TO	1245+25.24 (BK)	647.0	10	6											
STA. 77+88.00	(AH)	TO	110+49.12	3261.1	10	6											
STA. 110+49.12		TO	119+44.48	895.4	10	6											
STA. 119+44.48		TO	120+24.48	80.0	10	6			106.7	17.8	37.8						
STA. 120+24.48		TO	121+81.64	157.2	10	6											
STA. 121+81.64		TO	122+61.64	80.0	10	6			106.7	17.8	37.8						
STA. 122+61.64		TO	127+00.00	438.4	10	6											
STA. 127+00.00		TO	128+20.00	120.0	10	6											
STA. 128+20.00		TO	129+00.00	80.0	10	6											
WOODFORD COUNTY SUBTOTAL				355.6					102.4	6723.4	4493.4	299.3	29314.7	29019.5	1924.3	2672.7	46265.0
MARSHALL COUNTY SUBTOTAL				355.5					220.2	7962.7	5324.4	340.6	35032.4	34535.3	2189.5	3041.0	54738.1
NORTHBOUND SUBTOTAL				711.1					322.6	14686.1	9817.8	639.9	64347.1	63554.8	4113.8	5713.7	101003.1

MODEL: Default
 FILE: \\nams\p\build\paw_bentley.com\p\windot\Documents\DOT_Offices\Dir\dir.ctb
 PROJECT: I-39_CADD\DATA\CADD\Sheet\I-39-Shoulder.dwg

USER NAME = SUsers	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES					F.A.I. RTE. 39	SECTION *	COUNTY *	TOTAL SHEETS 114	SHEET NO. 20
PLOT SCALE = 1:100	CHECKED -	REVISED -							SCALE:				SHEET 5
PLOT DATE = 2/10/2022	DATE -	REVISED -											
												3102(3RS-2.4RS)(62-2)RS-1	MARSHALL, WOODFORD

SOUTHBOUND SHOULDER TABLE																						
LOCATION	LENGTH	RT WIDTH	LT WIDTH	HMA SURF. REMOVAL - BUTT JOINT	PCC SURF. REMOVAL - BUTT JOINT	TEMPORARY RAMP	HMA SHOULDERS				POLY. BIT. MATERIALS (TACK COAT)			HMA SURFACE REMOVAL SPECIAL	SHOULDER RUMBLE STRIPS, 16"							
				1:480	1:480	1:80	Under Structure Tapers (Varies)	3" Bottom Lift	2" Top Lift	Qty. for Joint Trimming (6" Wide)	RATES USED FOR CALCS. (LB/SQ FT)			JOINT TRIMMING								
				SQ. YD.	SQ. YD.	SQ. YD.	TON	TON	TON	TON	0.08 PCC	0.08 HMA Lifts	0.08 Joint Trimming			SQ. YD.	FT.					
FT.	FT.	FT.	SQ. YD.	SQ. YD.	SQ. YD.	TON	TON	TON	TON	LB.	LB.	LB.	SQ. YD.	FT.								
I-39 SOUTHBOUND																						
STA.	146+00.00		TO	146+56.00	56.00	10	6	99.6			23.7			11.2	0.7	71.7		4.5	6.2	112.0		
STA.	146+56.00		TO	148+00.00	144.00	10	6	256.0			35.6			43.0	28.7	1.8	184.3	184.3	11.5	16.0	288.0	
STA.	148+00.00		TO	180+00.00	3200.0	6	10							955.7	637.2	39.8	4096.0	4096.0	256.0	355.6	6400.0	
STA.	180+00.00		TO	189+62.78	962.8	6	10							287.6	191.7	12.0	1232.4	1232.4	77.0	107.0	1925.6	
STA.	189+62.78		TO	227+41.97	3779.2	6	10							1128.7	752.5	47.0	4837.4	4837.4	302.3	419.9	7558.4	
STA.	227+41.97		TO	239+31.90	1189.9	6	10							355.4	236.9	14.8	1523.1	1523.1	95.2	132.2	2379.9	
STA.	239+31.90		TO	261+90.23	2258.3	6	10							674.5	449.7	28.1	2890.7	2890.7	180.7	250.9	4516.7	
STA.	261+90.23		TO	277+44.18 (BK)	1554.0	6	10							464.1	309.4	19.3	1989.1	1989.1	124.3	172.7	3107.9	
STA.	930+68.49 (AH)		TO	949+00.29	1831.8	6	10							547.1	364.7	22.8	2344.7	2344.7	146.5	203.5	3663.6	
STA.	949+00.29		TO	949+58.34	58.1	6	10							17.3	11.6	0.7	74.3	74.3	4.6	6.5	116.1	
STA.	949+58.34		TO	961+36.23	1177.9	6								131.9	87.9	14.7	565.4	565.4	94.2	130.9	1177.9	
STA.	961+36.23		TO	967+42.32	606.1	6	10							181.0	120.7	7.5	775.8	775.8	48.5	67.3	1212.2	
STA.	967+42.32		TO	968+22.32	80.0	6	10									1.0	102.4	102.4	6.4	8.9	160.0	
STA.	968+22.32		TO	969+96.99	174.7	6	10									2.2	223.6		14.0	19.4	349.3	
STA.	969+96.99		TO	970+76.99	80.0	6	10									1.0	102.4	102.4	6.4	8.9	160.0	
STA.	970+76.99		TO	980+11.13	934.1	6	10							279.0	186.0	11.6	1195.7	1195.7	74.7	103.8	1868.3	
STA.	980+11.13		TO	986+76.02	664.9	6								74.5	49.6	8.3	319.1	319.1	53.2	73.9	664.9	
STA.	986+76.02		TO	1022+68.18	3592.2	6	10							1072.9	715.2	44.7	4598.0	4598.0	287.4	399.1	7184.3	
WOODFORD/MARSHALL COUNTY SPLIT																						
STA.	1022+68.18		TO	1109+82.01	8713.8	6	10							2602.5	1735.0	108.4	11153.7	11153.7	697.1	968.2	17427.7	
STA.	1109+82.01		TO	1115+52.29	570.3	6	10							170.3	113.5	7.1	730.0	730.0	45.6	63.4	1140.6	
STA.	1115+52.29		TO	1128+92.07	1339.8	6	10							400.1	266.8	16.7	1714.9	1714.9	107.2	148.9	2679.6	
STA.	1128+92.07		TO	1159+16.76	3024.7	6	10							903.4	602.2	37.6	3871.6	3871.6	242.0	336.1	6049.4	
STA.	1159+16.76		TO	1166+19.03	702.3	6	10							209.7	139.8	8.7	898.9	898.9	56.2	78.0	1404.5	
STA.	1166+19.03		TO	1235+28.97	6909.9	6	10							2063.8	1375.8	86.0	8844.7	8844.7	552.8	767.8	13819.9	
STA.	1235+28.97		TO	1238+78.24	349.3	6	10							104.3	69.5	4.3	447.1	447.1	27.9	38.8	698.5	
STA.	1238+78.24		TO	1245+25.24 (BK)	647.0	6	10							193.2	128.8	8.1	828.2	828.2	51.8	71.9	1294.0	
STA.	77+88.00 (AH)		TO	110+49.12	3261.1	6	10							974.0	649.3	40.6	4174.2	4174.2	260.9	362.3	6522.2	
STA.	110+49.12		TO	119+44.48	895.4	6	10							267.4	178.3	11.1	1146.1	1146.1	71.6	99.5	1790.7	
STA.	119+44.48		TO	120+24.48	80.0	6	10									1.0	102.4	102.4	6.4	8.9	160.0	
STA.	120+24.48		TO	121+81.64	157.2	6	10									2.0	201.2		12.6	17.5	314.3	
STA.	121+81.64		TO	122+61.64	80.0	6	10									1.0	102.4	102.4	6.4	8.9	160.0	
STA.	122+61.64		TO	127+00.00	438.4	6	10															
STA.	127+00.00		TO	128+20.00	120.0	6	10															
STA.	128+20.00		TO	129+00.00	80.0	6	10															
WOODFORD COUNTY SUBTOTAL					355.6	213.4	94.9	127.8	6212.7	4153.0	278.1	27125.9	26830.7	1787.5	2482.7	42845.0						
MARSHALL COUNTY SUBTOTAL					355.5	213.4	94.9	122.5	8055.6	5386.3	340.6	35032.4	34728.8	2189.5	3041.0	54738.1						
SOUTHBOUND SUBTOTAL					711.1	426.8	189.8	250.3	14268.3	9539.3	618.7	62158.3	61559.5	3977.0	5523.7	97583.1						

MODEL: D:\default
 FILE: MARSHALL\p102(3RS-2,4RS)(62-2)RS-1.dwg
 PROJECT: I-39 SOUTHBOUND SHOULDER
 DRAWN BY: JACOB
 CHECKED BY: JACOB
 DATE: 2/10/2022

USER NAME = JSUSERS	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 1:100	DRAWN -	REVISED -		39	*	*	114	21				
PLOT DATE = 2/10/2022	CHECKED -	REVISED -		SCALE: SHEET 6 OF 22 SHEETS STA. TO STA.				CONTRACT NO. 68F87				
	DATE -	REVISED -		ILLINOIS FED. AID PROJECT				MARSHALL, WOODFORD				

RAMP SHOULDER TABLE																	
LOCATION	LENGTH	RT WIDTH	AREA	PCC SURF. REMOVAL - BUTT JOINT	TEMPORARY RAMP	HMA SHOULDERS			POLY. BIT. MATERIALS (TACK COAT)			HMA SURFACE REMOVAL SPECIAL					
				1:480	1:80	2.5" Bottom Lift	2.5" Top Lift	Qty. for Joint Trimming (6" Wide)	RATES USED FOR CALCS. (LB/SQ FT)			JOINT TRIMMING					
				SQ. YD.	SQ. YD.	TON	TON	TON	0.08 PCC	0.08 HMA Lifts	0.08 Joint Trimming		SQ. YD.				
FT.	FT.	SQ. YD.	SQ. YD.	SQ. YD.	TON	TON	TON	LB.	LB.	LB.	SQ. YD.						
I-39 RAMPS																	
Ramp C	RT.	0+00.0	TO	0+57.2	57.2	VAR	47.7			6.7	6.7	0.4	34.3	34.3	2.3	3.2	
	RT.	0+57.2	TO	6+64.8	607.6	6	405.1			56.7	56.7	4.7	291.6	291.6	24.3	33.8	
	RT.	6+64.8	TO	7+14.8	50.0	6	33.3	33.3	11.1	4.7	4.7	0.4	24.0	24.0	2.0	2.8	
	RT.	7+14.8	TO	17+13.1	998.3	6	665.5				93.2	7.8	479.2		39.9	55.5	
	LT.	3+03.6	TO	6+64.8	GORE AREA		421.4				59.0	59.0	2.8	303.4	303.4	14.4	20.1
	LT.	6+64.8	TO	7+14.8	50.0	4	22.2	22.2	7.4	3.1	3.1	0.4	16.0	16.0	2.0	2.8	
Ramp B	LT.	7+14.8	TO	17+13.1	998.3	4	443.7				62.1	7.8	319.5		39.9	55.5	
	RT.	1+51.3	TO	8+24.6	673.3	6	448.9				62.8	5.2	323.2		26.9	37.4	
	RT.	8+24.6	TO	8+74.6	50.0	6	33.3	33.3	11.1	4.7	4.7	0.4	24.0	24.0	2.0	2.8	
	RT.	8+74.6	TO	19+00.0	1025.4	6	683.6				95.7	8.0	492.2	492.2	41.0	57.0	
	RT.	19+00.0	TO	20+50.0	150.0	VAR	125.0				17.5	1.2	90.0	90.0	6.0	8.3	
	LT.	1+51.3	TO	8+24.6	673.3	4	299.2				41.9	5.2	215.5		26.9	37.4	
Ramp D	LT.	8+24.6	TO	8+74.6	50.0	4	22.2	22.2	7.4	3.1	3.1	0.4	16.0	16.0	2.0	2.8	
	LT.	8+74.6	TO	12+00.0	GORE AREA		194.5				27.2	2.6	140.0	140.0	13.1	18.2	
	RT.	1+51.2	TO	8+24.2	673.0	6	448.7				62.8	5.2	323.0		26.9	37.4	
	RT.	8+24.2	TO	8+74.2	50.0	6	33.3	33.3	11.1	4.7	4.7	0.4	24.0	24.0	2.0	2.8	
	RT.	8+74.2	TO	19+00.0	1025.8	6	683.9				95.7	8.0	492.4	492.4	41.0	57.0	
	RT.	19+00.0	TO	20+49.6	149.6	VAR	124.7				17.5	1.2	89.8	89.8	6.0	8.3	
Ramp A	LT.	1+51.2	TO	8+24.2	673.0	4	299.1				41.9	5.2	215.4		26.9	37.4	
	LT.	8+24.2	TO	8+74.2	50.0	4	22.2	22.2	7.4	3.1	3.1	0.4	16.0	16.0	2.0	2.8	
	LT.	8+74.2	TO	12+00.0	GORE AREA		237.0				33.2	2.6	170.6	170.6	13.1	18.2	
	RT.	0+00.0	TO	0+57.2	57.2	VAR	47.7				6.7	6.7	0.4	34.3	34.3	2.3	3.2
	RT.	0+57.2	TO	6+64.7	607.5	6	405.0				56.7	4.7	291.6	291.6	24.3	33.8	
	RT.	6+64.7	TO	7+14.7	50.0	6	33.3	33.3	11.1	4.7	4.7	0.4	24.0	24.0	2.0	2.8	
Ramp A	RT.	7+14.7	TO	17+13.1	998.4	6	665.6				93.2	7.8	479.2		39.9	55.5	
	LT.	3+03.6	TO	6+64.7	GORE AREA		421.3				59.0	2.8	303.3	303.3	14.4	20.1	
	LT.	6+64.7	TO	7+14.7	50.0	4	22.2	22.2	7.4	3.1	3.1	0.4	16.0	16.0	2.0	2.8	
	LT.	7+14.7	TO	17+13.1	998.4	4	443.7				62.1	7.8	319.5		39.9	55.5	
WOODFORD COUNTY RAMP SUBTOTAL							222.2	66.8	562.7	1082.7	94.5	5568.1	2893.7	485.8	674.7		

MODEL: Default
 FILE: \\mifp-pw-bentley.com\PW\DOT\Documents\DOT\Office\Dir\rdt_4\Project\I39_CAD\Drawings\CAD\Drawings\I39-RampShoulder.dgn

USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1:100	CHECKED -	REVISED -
PLOT DATE = 2/10/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES			
SCALE:	SHEET 7	OF 22 SHEETS	STA. TO STA.

F.A.I. RTE. 39	SECTION *	COUNTY *	TOTAL SHEETS 114	SHEET NO. 22
			CONTRACT NO. 68F87	
ILLINOIS FED. AID PROJECT		MARSHALL, WOODFORD		

NORTHBOUND AGGREGATE SHOULDER TABLE								
LOCATION				LENGTH	WEDGE AREA*		AGGREGATE WEDGE SHOULDERS, TYPE B	
					OUTSIDE SHLDR	INSIDE SHLDR		
				FT.	SQ. FT.	SQ. FT.	TON	
I-39 NORTHBOUND								
STA.	128+90.00		TO 130+90.00	200.00	1.40	1.70	47.1	
STA.	130+90.00		TO 180+00.00	4910.00	1.40	1.70	1155.7	
STA.	180+00.00		TO 189+62.78	962.78	1.40	1.70	226.6	
STA.	189+62.78		TO 227+41.97	3779.19	1.40	1.70	889.5	
STA.	227+41.97		TO 239+31.90	1189.93	1.40	1.70	280.1	
STA.	239+31.90		TO 261+34.42	2202.52	1.40	1.70	518.4	
S.N. 102-0048								
STA.	261+81.54		TO 277+44.18 (BK)	1562.64	1.40	1.70	367.8	
STA.	930+68.49 (AH)		TO 949+00.29	1831.80	1.40	1.70	431.2	
STA.	949+00.29		TO 951+43.28	242.99	1.40	1.70	57.2	
STA.	951+43.28		TO 958+08.17	664.89	1.40	1.70	156.5	
STA.	958+08.17		TO 968+77.00	1068.83	1.40	1.70	251.6	
S.N. 102-0047								
STA.	969+42.00		TO 976+83.07	741.07	1.40	1.70	174.4	
STA.	976+83.07		TO 988+60.97	1177.90	1.40	1.70	277.2	
STA.	988+60.97		TO 1022+68.18	3407.21	1.40	1.70	802.0	
WOODFORD/MARSHALL COUNTY SPLIT								
STA.	1022+68.18		TO 1109+82.01	8713.83	1.40	1.70	2051.0	
STA.	1109+82.01		TO 1115+52.29	570.28	1.40	1.70	134.2	
STA.	1115+52.29		TO 1128+75.88	1323.59	1.40	1.70	311.5	
S.N. 062-0055								
STA.	1129+06.89		TO 1159+16.76	3009.87	1.40	1.70	708.4	
STA.	1159+16.76		TO 1166+19.03	702.27	1.40	1.70	165.3	
STA.	1166+19.03		TO 1235+12.56	6893.53	1.40	1.70	1622.5	
S.N. 062-0054								
STA.	1235+43.57		TO 1238+78.24	334.67	1.40	1.70	78.8	
STA.	1238+78.24		TO 1245+25.24 (BK)	647.00	1.40	1.70	152.3	
STA.	77+88.00 (AH)		TO 110+49.12	3261.12	1.40	1.70	767.6	
STA.	110+49.12		TO 120+14.46	965.34	1.40	1.70	227.2	
STA.	120+14.46		TO 120+83.59	69.13	1.40	1.70	16.3	
S.N. 062-0053								
STA.	121+20.60		TO 127+00.00	579.40	1.40	1.70	136.4	
STA.	127+00.00		TO 129+00.00	200.00	1.40	1.70	47.1	
WOODFORD COUNTY SUBTOTAL							5635.2	
MARSHALL COUNTY SUBTOTAL							6418.6	
NORTHBOUND SUBTOTAL							12054	

SOUTHBOUND AGGREGATE SHOULDER TABLE								
LOCATION				LENGTH	WEDGE AREA*		AGGREGATE WEDGE SHOULDERS, TYPE B	
					OUTSIDE SHLDR	INSIDE SHLDR		
				FT.	SQ. FT.	SQ. FT.	TON	
I-39 SOUTHBOUND								
STA.	146+00.00		TO 148+00.00	200.00	1.40	1.70	47.1	
STA.	148+00.00		TO 180+00.00	3200.00	1.40	1.70	753.2	
STA.	180+00.00		TO 189+62.78	962.78	1.40	1.70	226.6	
STA.	189+62.78		TO 227+41.97	3779.19	1.40	1.70	889.5	
STA.	227+41.97		TO 239+31.90	1189.93	1.40	1.70	280.1	
STA.	239+31.90		TO 261+99.18	2267.28	1.40	1.70	533.7	
S.N. 102-0048								
STA.	262+44.03		TO 277+44.18 (BK)	1500.15	1.40	1.70	353.1	
STA.	930+68.49 (AH)		TO 949+00.29	1831.80	1.40	1.70	431.2	
STA.	949+00.29		TO 949+58.34	58.05	1.40	1.70	13.7	
STA.	949+58.34		TO 961+36.23	1177.89	1.40	1.70	277.2	
STA.	961+36.23		TO 968+77.79	741.56	1.40	1.70	174.5	
S.N. 102-0047								
STA.	969+42.80		TO 980+11.13	1068.33	1.40	1.70	251.5	
STA.	980+11.13		TO 986+76.02	664.89	1.40	1.70	156.5	
STA.	986+76.02		TO 1022+68.18	3592.16	1.40	1.70	845.5	
WOODFORD/MARSHALL COUNTY SPLIT								
STA.	1022+68.18		TO 1109+82.01	8713.83	1.40	1.70	2051.0	
STA.	1109+82.01		TO 1115+52.29	570.28	1.40	1.70	134.2	
STA.	1115+52.29		TO 1128+77.82	1325.53	1.40	1.70	312.0	
S.N. 062-0055								
STA.	1129+08.83		TO 1159+16.76	3007.93	1.40	1.70	708.0	
STA.	1159+16.76		TO 1166+19.03	702.27	1.40	1.70	165.3	
STA.	1166+19.03		TO 1235+14.95	6895.92	1.40	1.70	1623.1	
S.N. 062-0054								
STA.	1235+44.96		TO 1238+78.24	333.28	1.40	1.70	78.4	
STA.	1238+78.24		TO 1245+25.24 (BK)	647.00	1.40	1.70	152.3	
STA.	77+88.00 (AH)		TO 110+49.12	3261.12	1.40	1.70	767.6	
STA.	110+49.12		TO 120+14.46	965.34	1.40	1.70	227.2	
STA.	120+14.46		TO 120+86.11	71.65	1.40	1.70	16.9	
S.N. 062-0053								
STA.	121+23.13		TO 127+00.00	576.87	1.40	1.70	135.8	
STA.	127+00.00		TO 129+00.00	200.00	1.40	1.70	47.1	
WOODFORD COUNTY SUBTOTAL							5233.2	
MARSHALL COUNTY SUBTOTAL							6418.8	
SOUTHBOUND SUBTOTAL							11652	

RAMP AGGREGATE SHOULDER TABLE								
LOCATION				LENGTH	WEDGE AREA*		AGGREGATE WEDGE SHOULDERS, TYPE B	
					OUTSIDE SHLDR	INSIDE SHLDR		
				FT.	SQ. FT.	SQ. FT.	TON	
I-39 RAMPS								
Ramp C	STA.	0+00.00	TO 3+03.61	303.61	1.97		45.4	
	STA.	3+03.61	TO 6+64.64	361.03	1.97		54.0	
	STA.	6+64.64	TO 8+04.64	140.00	1.97	1.67	38.7	
	STA.	8+04.64	TO 8+74.64	70.00	1.97	1.67	19.3	
	STA.	8+74.64	TO 10+71.27	196.63	1.97	1.67	54.3	
	STA.	10+71.27	TO 17+09.76	638.49	1.97	1.67	176.5	
Ramp B	STA.	1+76.22	TO 5+78.75	402.53	1.97	1.67	111.2	
	STA.	5+78.75	TO 8+71.29	292.54	1.97	1.67	80.8	
	STA.	8+71.29	TO 9+99.63	128.34	1.97		19.2	
	STA.	9+99.63	TO 11+99.65	200.02	1.97		29.9	
	STA.	11+99.65	TO 20+49.63	849.98	1.97		127.1	
Ramp D	STA.	1+62.34	TO 5+78.75	416.41	1.97	1.67	115.1	
	STA.	5+78.75	TO 8+71.29	292.54	1.97	1.67	80.8	
	STA.	8+71.29	TO 9+99.63	128.34	1.97		19.2	
	STA.	9+99.63	TO 11+99.65	200.02	1.97		29.9	
Ramp A	STA.	11+99.65	TO 20+49.63	849.98	1.97		127.1	
	STA.	0+00.00	TO 3+03.61	303.61	1.97		45.4	
	STA.	3+03.61	TO 6+64.64	361.03	1.97		54.0	
	STA.	6+64.64	TO 8+04.64	140.00	1.97	1.67	38.7	
	STA.	8+04.64	TO 8+74.64	70.00	1.97	1.67	19.3	
	STA.	8+74.64	TO 10+71.27	196.63	1.97	1.67	54.3	
STA.	10+71.27	TO 17+10.46	639.19	1.97	1.67	176.7		
WOODFORD COUNTY RAMP SUBTOTAL							1517	

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 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF QUANTITIES
 SCALE: SHEET 8 OF 22 SHEETS STA. TO STA.
 ILLINOIS FED. AID PROJECT
 CONTRACT NO. 68F87
 MARSHALL, WOODFORD

USER NAME = susers	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1:100	CHECKED -	REVISED -
PLOT DATE = 2/10/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET 8 OF 22 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	23
CONTRACT NO. 68F87				

102(3RS-2.4RS)(62-2)RS-1

MARSHALL, WOODFORD

MEDIAN CROSSOVER TABLE										
LOCATION		LENGTH	WIDTH	AREA	CROSSOVER AREA	EARTH EX. WIDENING	HMA BASE COURSE WIDENING 10"	HMA SHOULDERS	INCIDENTAL HMA SURFACING	POLY. BIT. MATERIALS (TACK COAT)
		FT.	FT.	SQ. YD.	SQ YD	CU. YD.	SQ. YD.	TON	TON	LB.
STA. 936+25.00	NB	429.0	2.0	95.3	250.5	26.5	95.3	26.7	70.1	317.6
	SB	429.0	2.0	95.3		26.5	95.3	26.7		317.6
STA. 1004+00.00	NB	429.0	2.0	95.3	250.5	26.5	95.3	26.7	70.1	317.6
	SB	429.0	2.0	95.3		26.5	95.3	26.7		317.6
WOODFORD/MARSHALL COUNTY SPLIT										
STA. 1187+39.00	NB	429.0	2.0	95.3	250.5	26.5	95.3	26.7	70.1	317.6
	SB	429.0	2.0	95.3		26.5	95.3	26.7		317.6
WOODFORD COUNTY SUBTOTAL						105.9	381.3	106.8	140.3	1270.5
MARSHALL COUNTY SUBTOTAL						53.0	190.7	53.4	70.1	635.3
PROJECT TOTAL						159	572	SEE PAVEMENT & SHOULDER TOTAL TABLES		

LOCATION						MICRO-SURFACING AGGREGATE FOR CENTERLINE JOINT FILLING		MICRO-SURFACING EMULSIFIED ASPHALT FOR CENTERLINE JOINT FILLING	
						CL	RT. EDGE LINE	CL	RT. EDGE LINE
						TON	TON	LB	LB
I-39 NORTHBOUND									
STA.	128+90.00		TO	277+44.18	(BK)	7.3	7.3	1759.7	1752.0
STA.	930+68.49	(AH)	TO	969+09.65		1.9	1.9	455.0	456.0
I-39 SOUTHBOUND									
STA.	146+00.00		TO	277+44.18	(BK)	6.5	6.5	1557.1	1560.0
STA.	930+68.49	(AH)	TO	969+09.65		1.9	1.9	455.0	456.0
STA.	969+09.65		TO	989+09.65		1.0	1.0	236.9	240.0
I-39 RAMPS									
RAMP A									
RT.	0+00.00		TO	18+04.21			0.05		12.0
RAMP C									
RT.	0+00.00		TO	18+04.21			0.05		12.0
WOODFORD COUNTY SUBTOTAL						18.6	18.7	4463.7	4488.0
PROJECT TOTAL						37		8952	

V-GUTTER TABLE						
LOCATION				INCIDENTAL HMA SURFACING	POLY. BIT. MATERIALS (TACK COAT)	
NB/SB	STRUCTURE	STR. WIDTH	GUTTER WIDTH		TON	RATE USED FOR CALCS. 0.08 (LB/SQ FT)
					LB	
NB	S.N. 102-0048	37.2	5	5.8	14.9	
SB				5.8	14.9	
NB	S.N. 102-0047	65.2	5	7.0	26.1	
SB				7.9	26.1	
WOODFORD/MARSHALL COUNTY SPLIT						
NB	S.N. 062-0055	31.2	5	4.9	12.5	
SB				4.9	12.5	
NB	S.N. 062-0054	31.2	5	3.4	12.5	
SB				4.9	12.5	
NB	S.N. 062-0053	37.2	5	4.5	14.9	
SB				4.5	14.9	
WOODFORD COUNTY TOTAL				26.5	81.9	
MARSHALL COUNTY TOTAL				27.1	79.7	
PROJECT TOTAL				SEE PAVEMENT TOTAL TABLES		

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET 9 OF 22 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	24
CONTRACT NO. 68F87				

CLASS A PATCHING TABLE											
LOCATION			LENGTH	WIDTH	AREA	CLASS A PATCHES (10 INCH)			PATCHING REINFORCEMENT	TIE BARS 3/4"	SAW CUTS
MP	DIRECTION	LANE	FT	FT	SQ YD	TY II	TY III	TY IV	SQ YD	EACH	FOOT
BEGIN NB											
24											
25											
	NB	DL	9.0	12.0	12.0	12.0	-	-	12.0	-	75.0
26											
	NB	DL	22.0	12.0	29.3	-	-	29.3	29.3	14.7	114.0
27											
	NB	PL	36.0	6.0	24.0	-	24.0	-	24.0	24.0	132.0
	NB	PL	25.0	6.0	16.7	-	16.7	-	16.7	16.7	99.0
	NB	PL	49.0	6.0	32.7	-	-	32.7	32.7	32.7	171.0
	NB	PL	262.0	6.0	174.7	-	-	174.7	174.7	174.7	810.0
	NB	DL	60.0	12.0	80.0	-	-	80.0	80.0	40.0	228.0
	NB	DL	90.0	12.0	120.0	-	-	120.0	120.0	60.0	318.0
	NB	DL	332.0	12.0	442.7	-	-	442.7	442.7	221.3	1044.0
	NB	DL	580.0	12.0	773.3	-	-	773.3	773.3	386.7	1788.0
	NB	DL	561.5	12.0	748.7	-	-	748.7	748.7	374.3	1732.5
	NB	DL	100.5	12.0	134.0	-	-	134.0	134.0	67.0	349.5
	NB	PL	32.0	12.0	42.7	-	-	42.7	42.7	21.3	144.0
	NB	PL	28.0	12.0	37.3	-	-	37.3	37.3	18.7	132.0
WOODFORD / MARSHALL COUNTY LINE											
28											
29											
30											
31											
32											
33											
END NB / BEGIN SB											
33											
32											
	SB	DL	65.0	6.0	43.3	-	-	43.3	43.3	43.3	219.0
31											
30											
	SB	DL	85.0	6.0	56.7	-	-	56.7	56.7	56.7	279.0
29											
28											
MARSHALL / WOODFORD COUNTY LINE											
27											
26											
	SB	PL	48.0	12.0	64.0	-	-	64.0	64.0	32.0	192.0
	SB	DL	40.5	10.0	45.0	-	-	45.0	45.0	27.0	161.5
	SB	DL	97.0	12.0	129.3	-	-	129.3	129.3	64.7	339.0
	SB	DL	26.0	12.0	34.7	-	-	34.7	34.7	17.3	126.0
25											
	SB	DL	60.0	12.0	80.0	-	-	80.0	80.0	40.0	228.0
24											
END SB											
WOODFORD COUNTY SUBTOTAL						12.0	40.7	2968.3	3021.0	1633.0	8183.5
MARSHALL COUNTY SUBTOTAL						0.0	0.0	100.0	100.0	100.0	498.0
WOODFORD COUNTY CLASS B TABLE SUBTOTAL										187.0	838.0
MARSHALL COUNTY CLASS B TABLE SUBTOTAL										38.0	92.0
PROJECT TOTAL						12.0	41.0	3068.0	3121.0	1958.0	9612.0

CLASS B PATCH TABLE												
LOCATION				LENGTH	WIDTH	AREA	CLASS B PATCHES, 10 INCH		DOWEL BARS 1 1/2"	TIE BARS 3/4"	WELDED WIRE REINFORCEMENT	SAW CUTS
MP	DIRECTION	LANE	COUNTY	FT	FT	SQ YD	TYPE II	TYPE IV	EACH	EACH	SQ YD	FT
NORTHBOUND												
31												
	NB	SHLDR	MARSHALL	26.0	10.0	28.9		28.9	8.0	19.0	28.9	46.0
32												
SOUTHBOUND												
31												
	SB	SHLDR	MARSHALL	26.0	10.0	28.9		28.9	8.0	19.0	28.9	46.0
30												
26												
	SB	SHLDR	WOODFORD	26.0	10.0	28.9		28.9	8.0	19.0	28.9	46.0
25												
RAMPS												
RAMP C				6.0	16.0	10.7	10.7		14.0	14.0		66.0
				6.0	16.0	10.7	10.7		14.0	14.0		66.0
				6.0	16.0	10.7	10.7		14.0	14.0		66.0
RAMP B				6.0	16.0	10.7	10.7		14.0	14.0		66.0
				6.0	16.0	10.7	10.7		14.0	14.0		66.0
				6.0	16.0	10.7	10.7		14.0	14.0		66.0
RAMP A				6.0	16.0	10.7	10.7		14.0	14.0		66.0
				6.0	16.0	10.7	10.7		14.0	14.0		66.0
				6.0	16.0	10.7	10.7		14.0	14.0		66.0
RAMP D				6.0	16.0	10.7	10.7		14.0	14.0		66.0
				6.0	16.0	10.7	10.7		14.0	14.0		66.0
				6.0	16.0	10.7	10.7		14.0	14.0		66.0
WOODFORD COUNTY SUBTOTAL							128.0	28.9	176.0	187.0	28.9	838.0
MARSHALL COUNTY SUBTOTAL							0.0	57.8	16.0	38.0	57.8	92.0
PROJECT TOTAL							128.0	87.0	192.0	SEE CLASS A PATCHING TABLE	87.0	SEE CLASS A PATCHING TABLE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:				SHEET 10	OF 22	SHEETS	STA.	TO STA.
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SCHEDULE OF QUANTITIES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	25
CONTRACT NO. 68F87				
ILLINOIS FED. AID PROJECT				

APPROACH DRAINAGE TABLE									
LOCATION		REMOVING INLETS	PIPE CULVERT REMOVAL (SPECIAL)	FILLING INLETS	FILTER FABRIC	STONE RIPRAP CLASS B4	PIPE CULVERTS TO BE CLEANED 6"	REMOVE AND REINSTALL CONCRETE HEADWALL FOR PIPE DRAIN	WOVEN WIRE FENCE REMOVAL AND REPLACEMENT
STRUCTURE	QUADRANT	EACH	FOOT	EACH	SQ YD	TON	FOOT	EACH	FOOT
S.N. 102-0048	N.E.		52	1	70	32.0	93	1	
	S.E.		60	1	80	36.7			142
	N.W.	1	62		83	37.9			
	S.W.	1	60		80	36.7	92	1	
S.N. 102-0047	N.E.	1	52		70	32.0	93	1	
	S.E.	1	53		71	32.6			
	N.W.	1	52		70	32.0			
	S.W.	1	53		71	32.6	92	1	
WOODFORD/MARSHALL COUNTY SPLIT									
S.N. 062-0055	N.E.		59	1	79	36.1	93	1	
	S.E.		59	1	79	36.1			
	N.W.		63	1	84	38.5			
	S.W.		63	1	84	38.5	92	1	
S.N. 062-0054	N.E.	1	61		82	37.3	93	1	
	S.E.	1	62		83	37.9			
	N.W.	1	55		74	33.8			
	S.W.	1	53		71	32.6	92	1	
S.N. 062-0053	N.E.	1	54		73	33.2	93	1	
	S.E.	1	58		78	35.6			
	N.W.	1	54		73	33.2			
	S.W.	1	54		73	33.2	92	1	
WOODFORD COUNTY TOTAL		6	444	2	596	273	370	4	142
MARSHALL COUNTY TOTAL		8	695	4	932	426	555	6	0
PROJECT TOTAL		14	1139	6	1528	699	SEE PIPE UNDERDRAINS TABLE	10	SEE WOVEN WIRE FENCE TABLE

RAMP TERMINALS							
LOCATION	PAVEMENT REMOVAL	MEDIAN REMOVAL	COMBINATION CURB AND GUTTER REMOVAL	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED) SPECIAL	CONCRETE MEDIAN SURFACE, 6 INCH	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06	CURB REFLECTORS
	SQ YD	SQ FT	FOOT	SQ YD	SQ FT	FOOT	EACH
CH 2 RAMPS							
RAMP A	544	130	51	544	130	51	7
RAMP B	760			760			
RAMP C	544	130	51	544	130	51	7
RAMP D	755			755			
WOODFORD COUNTY TOTAL	2603	260	102	2603	260	102	14
PROJECT TOTAL	2603	260	102	2603	260	102	14

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET 11 OF 22 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	26
CONTRACT NO. 68F87				

OVERPASS STRUCTURES TABLE						
LOCATION		*STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	DECK SLAB REPAIR (PARTIAL)	PROTECTIVE COAT (SPECIAL)	SURFACE FILLER (SPECIAL)	PROTECTIVE SHIELD
STRUCTURE	QUADRANT	SQ FT	SQ YD	SQ YD	GALLONS	SQ YD
S.N. 102-0048	N.E.		22.4	208.8	2.7	363.4
	N.W.	11.0				
	S.E.					
	S.W.	9.0				
S.N. 102-0047	N.E.	39.9	28.2	160.2	2.0	637.2
	N.W.	39.9				
	S.E.	39.9				
	S.W.	39.9				
WOODFORD/MARSHALL						
S.N. 062-0055	N.E.		14.1	160.2	2.0	304.7
	N.W.	4.0				
	S.E.					
	S.W.					
S.N. 062-0054	N.E.		14.2	160.9	2.0	304.7
	N.W.					
	S.E.					
	S.W.					
S.N. 062-0053	N.E.		17.2	160.9	2.0	363.4
	N.W.					
	S.E.					
	S.W.					
WOODFORD COUNTY TOTAL		179.6	50.6	738.0	9.4	1000.6
MARSHALL COUNTY TOTAL		4.0	45.5	964.0	12.0	972.8
PROJECT TOTAL		184	97	1702	21	1974

*PARAPETS ONLY

APPROACH SLAB TABLE											
LOCATION		CLASS C PATCHES, TYPE II, 10 INCH (SPECIAL)	TIE BARS 1/2"	JOINT SEALER	BRIDGE APPROACH SHOULDER REMOVAL	APPROACH SLAB REMOVAL	MEDIAN REMOVAL	P.C. CONCRETE BRIDGE APPROACH SHOULDER PAVEMENT (SPECIAL)	BRIDGE APPROACH PAVEMENT (SPECIAL)	CONCRETE MEDIAN, TYPE SM-6.06	CONTROLLED LOW-STRENGTH MATERIAL
STRUCTURE	QUADRANT	SQ YD	EACH	FOOT	SQ YD	SQ YD	SQ FT	SQ YD	SQ YD	SQ FT	CU YD
S.N. 102-0048	N.E.			34.0							
	S.E.			34.0							
	N.W.	10.0	15.0								
	S.W.	10.0	15.0								
S.N. 102-0047	N.E.				16.8	102.2	120.0	17.8	102.2	120.0	
	S.E.				16.8	102.2	120.0	17.8	102.2	120.0	
	N.W.				16.8	102.2	120.0	17.8	102.2	120.0	
	S.W.				16.8	102.2	120.0	17.8	102.2	120.0	
WOODFORD/MARSHALL COUNTY SPLIT											
S.N. 062-0055	N.E.			28.0							0.9
	S.E.			28.0							0.6
	N.W.			28.0							4.9
	S.W.			28.0							1.0
S.N. 062-0054	N.E.	6.7	15.0	28.0							
	S.E.	6.7	15.0	28.0							
	N.W.	6.7	15.0	28.0							
	S.W.	6.7	15.0	28.0							
S.N. 062-0053	N.E.				8.2	48.9		8.7	48.9		
	S.E.				8.2	48.9		8.7	48.9		
	N.W.				8.2	48.9		8.7	48.9		
	S.W.				8.2	48.9		8.7	48.9		
WOODFORD COUNTY TOTAL		20.0	30.0	68.0	67.1	204.4	240.0	71.1	204.4	240.0	0.0
MARSHALL COUNTY TOTAL		26.7	60.0	112.0	32.8	97.8	0.0	34.7	97.8	0.0	7.4
PROJECT TOTAL		47	90	180	100	302	240	106	302	240	7

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USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1:100	CHECKED -	REVISED -
PLOT DATE = 2/10/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES			
SCALE:	SHEET 12	OF 22 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	27
CONTRACT NO. 68F87				
ILLINOIS FED. AID PROJECT				

GUARDRAIL TABLE									
LOCATION		GUARDRAIL REMOVAL	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	SPBGR TYPE A 6 FT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 6	GUARDRAIL REFLECTORS, TYPE A	BARRIER WALL REFLECTORS, TYPE B	TERMINAL MARKER - DIRECT APPLIED	GUARDRAIL AGGREGATE EROSION CONTROL
STRUCTURE	QUADRANT	FOOT	EACH	FOOT	EACH	EACH	EACH	EACH	TON
S.N. 102-0048	N.E.	193.0	1.0	62.5	1.0	2.0	3.0	1.0	51.8
	N.W.	193.0	1.0	50.0	1.0	2.0		1.0	49.2
	S.E.	193.0	1.0	50.0	1.0	2.0	3.0	1.0	49.2
	S.W.	193.0	1.0	62.5	1.0	2.0		1.0	51.8
S.N. 102-0047	N.E.	240.0	1.0	150.0	1.0	3.0	3.0	1.0	90.1
	N.W.	215.0	1.0	87.5	1.0	2.0		1.0	71.1
	S.E.	215.0	1.0	87.5	1.0	2.0	3.0	1.0	71.1
	S.W.	240.0	1.0	150.0	1.0	3.0		1.0	90.1
WOODFORD/MARSHALL COUNTY SPLIT									
S.N. 062-0055	N.E.	229.0	1.0	187.5	1.0	3.0	3.0	1.0	77.1
	N.W.	229.0	1.0	125.0	1.0	3.0		1.0	64.4
	S.E.	229.0	1.0	125.0	1.0	3.0	3.0	1.0	64.4
	S.W.	229.0	1.0	187.5	1.0	3.0		1.0	77.1
S.N. 062-0054	N.E.	215.0	1.0	187.5	1.0	3.0	3.0	1.0	77.1
	N.W.	215.0	1.0	112.5	1.0	3.0		1.0	61.9
	S.E.	215.0	1.0	112.5	1.0	3.0	3.0	1.0	61.9
	S.W.	215.0	1.0	187.5	1.0	3.0		1.0	77.1
S.N. 062-0053	N.E.	202.0	1.0	175.0	1.0	3.0	3.0	1.0	74.5
	N.W.	127.0	1.0	87.5	1.0	2.0		1.0	56.8
	S.E.	127.0	1.0	87.5	1.0	2.0	3.0	1.0	56.8
	S.W.	202.0	1.0	175.0	1.0	3.0		1.0	74.5
WOODFORD COUNTY TOTAL		1682.0	8.0	700.0	8.0	18.0	12.0	8.0	524.3
MARSHALL COUNTY TOTAL		2434.0	12.0	1750.0	12.0	34.0	18.0	12.0	823.7
PROJECT TOTAL		4116	20	2450	20	52	30	20	1348

MOWING TABLE									
LOCATION					LENGTH	OUTSIDE SLOPE AREA	MEDIAN AREA	MOWING	
					FT	SQ FT	SQ FT	x 2 mowings	
								ACRE	
NORTHBOUND									
STA.	128+90.00		TO	259+50.00	13060.00	646217.5	248140.0	41.0	
STA.	259+50.00		TO	277+44.18 (BK)	1794.18	87765.8	34089.4	5.6	
STA.	930+68.49 (AH)		TO	RAMP C		216823.8		10.0	
STA.	930+68.49 (AH)		TO	969+00.00	3831.51		72798.7	3.4	
RAMP C INFIELD							143787.9	6.6	
RAMP B INFIELD							115579.9	5.4	
STA.	969+00.00		TO	1022+68.18	5368.18		101995.4	4.6	
RAMP B						309601.3		14.2	
WOODFORD/MARSHALL COUNTY SPLIT									
STA.	1022+68.18		TO	1245+25.24 (BK)	22257.06	1206142.6	422884.1	74.8	
STA.	77+88.00 (AH)		TO	129+00.00	5112.00	268734.2	97128.0	16.8	
SOUTHBOUND									
STA.	146+00.00		TO	259+50.00	11350.00	587337.0	215650.0	36.8	
STA.	259+50.00		TO	277+44.18 (BK)	1794.18	115550.1	34089.4	6.8	
STA.	930+68.49 (AH)		TO	RAMP D		266562.0		12.2	
STA.	930+68.49 (AH)		TO	969+00.00	3831.51		72798.7	3.4	
RAMP D INFIELD							115720.3	5.4	
RAMP A INFIELD							143787.9	6.6	
STA.	969+00.00		TO	1022+68.18	5368.18		101995.4	4.6	
RAMP A						337196.0		15.4	
WOODFORD/MARSHALL COUNTY SPLIT									
STA.	1022+68.18		TO	1245+25.24 (BK)	22257.06	1271797.6	422884.1	77.8	
STA.	77+88.00 (AH)		TO	129+00.00	5112.00	250034.9	97128.0	16.0	
WOODFORD COUNTY SUBTOTAL								182.00	
MARSHALL COUNTY SUBTOTAL								185.50	
PROJECT TOTAL								367.5	

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	DRAWN -	REVISED -
PLOT SCALE = 1:100	CHECKED -	REVISED -
PLOT DATE = 2/10/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES			
SCALE:	SHEET	OF	SHEETS
	13	22	
	STA.		TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	28
CONTRACT NO. 68F87				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING TABLE																	
LOCATION	PERFORMED PLASTIC PAVEMENT MARKING, TYPE D												TEMPORARY PAVEMENT MARKING*				
	LINE 4"		GROOVING FOR RECESSED PVT MKG 5"	LINE 6"	GROOVING FOR RECESSED PVT MKG 7"	LINE 8"		GROOVING FOR RECESSED PVT MKG 9"	LINE 12"	GROOVING FOR RECESSED PVT MKG 13"	LETTERS AND SYMBOLS	GROOVING FOR RECESSED PVT MKG - LETTERS AND SYMBOLS	TEMP PVT MARKING - LINE 4" - PAINT	TEMP PVT MARKING - LINE 6" - PAINT	TEMP PVT MARKING - LINE 8" - PAINT	TEMP PVT MARKING - LINE 12" - PAINT	TEMP PVT MARKING LETTERS AND SYMBOLS - PAINT
	WHITE	YELLOW				SOLID	SKIP										
	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	SQ. FT.	SQ. FT.	FT.	FT.	FT.	FT.	SQ. FT.
WOODFORD COUNTY																	
NORTHBOUND	22072	24054	46125	6263	6263	829	288	1117	194	194	0	0	92251	12527	2234	387	0
SOUTHBOUND	20362	22344	42705	5586	5586	829	288	1117	194	194	0	0	85411	11172	2234	387	0
RAMPS	7914	3672	11586	0	0	1989	0	1989	226	226	62	85	23172	0	3978	452	169
MARSHALL COUNTY																	
NORTHBOUND	27369	27369	54738	6842	6842	0	0	0	0	0	0	0	109476	13685	0	0	0
SOUTHBOUND	27369	27369	54738	7092	7092	0	0	0	0	0	0	0	109476	14185	0	0	0
WOODFORD COUNTY SUBTOTAL	50347	50070	100417	11849	11849	3647	576	4223	613	613	62	85	200834	23699	8446	1227	169
WOODFORD COUNTY TOTAL	100417		100417	11849	11849	4223		4223	613	613	62	85	200834	23699	8446	1227	169
MARSHALL COUNTY SUBTOTAL	54738	54738	109476	13935	13935	0	0	0	0	0	0	0	218952	27869	0	0	0
MARSHALL COUNTY TOTAL	109476		109476	13935	13935	0		0	0	0	0	0	218952	27869	0	0	0
PROJECT TOTAL	209893		209893	25784	25784	4223		4223	613	613	62	85	419786	51568	8446	1227	169

*2 Applications on SMA

NORTHBOUND PERFORMED PLASTIC PAVEMENT MARKING, TYPE D TABLE																
LOCATION	LINE 4"		GROOVING FOR RECESSED PVT MKG 5"	LINE 6"	GROOVING FOR RECESSED PVT MKG 7"	LINE 8"		GROOVING FOR RECESSED PVT MKG 9"	LINE 12"	GROOVING FOR RECESSED PVT MKG 13"	LETTERS AND SYMBOLS	GROOVING FOR RECESSED PVT MKG - LETTERS AND SYMBOLS				
	WHITE SOLID	YELLOW SOLID				WHITE SOLID	WHITE SKIP-DASH									
	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	SQ. FT.	SQ. FT.				
I-39 NORTHBOUND																
APPROACH TRAFFIC CONTROL																
STA	128+90.00	TO	261+90.23		13300.2	13300.2	26600.5	3325	3325							
S.N. 102-0048																
STA	261+90.23	TO	277+44.18	(BK)	1554.0	1554.0	3107.9	388	388							
STA	930+68.49	(AH)	TO	951+43.28		2074.8	2074.8	4149.6	519	519						
STA	951+43.28		TO	954+47.31	SKIP		304.0	304.0	76	76	76	76.0				
STA	954+47.31		TO	959+47.60	MEDIAN		500.3	500.3	125	125	500.3	500.3	193.7	193.7		
STA	959+47.60		TO	969+09.65		962.0	962.0	1924.1	241	241						
S.N. 102-0047																
STA	969+09.65		TO	976+83.00		773.4	773.4	1546.7	193	193						
STA	976+83.00		TO	980+11.20	MEDIAN		328.2	328.2	82	82	328.2	328.2				
STA	980+11.20		TO	988+61.00	SKIP		849.8	849.8	212	212	212	212.5				
STA	988+61.00		TO	1022+68.18		3407.2	3407.2	6814.4	852	852						
WOODFORD/MARSHALL COUNTY SPLIT																
STA	1022+68.18		TO	1128+92.07		10623.9	10623.9	21247.8	2656	2656						
S.N. 062-0055																
STA	1128+92.07		TO	1235+28.97		10636.9	10636.9	21273.8	2659	2659						
S.N. 062-0054																
STA	1235+28.97		TO	1245+25.24	(BK)	996.3	996.3	1992.5	249	249						
STA	77+88.00	(AH)	TO	121+03.06		4315.1	4315.1	8630.1	1079	1079						
S.N. 062-0053																
STA	121+03.06		TO	129+00.00		796.9	796.9	1593.9	199	199						
WOODFORD COUNTY SUBTOTAL					22071.6	24053.9	46125.4	6263.5	6263.5	828.5	288.0	1116.9	193.7	193.7	0.0	0.0
MARSHALL COUNTY SUBTOTAL					27369.1	27369.1	54738.1	6842.3	6842.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NORTHBOUND SUBTOTAL					49441	51423	100864	13106	13106	829	288	1117	194	194	0	0

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USER NAME = SUSERS	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A.I. RTE. = 39	SECTION = *	COUNTY = *	TOTAL SHEETS = 114	SHEET NO. = 29
PLOT SCALE = 1:100	CHECKED -	REVISED -						CONTRACT NO. 68F87				
PLOT DATE = 2/10/2022	DATE -	REVISED -		SCALE: SHEET 14 OF 22 SHEETS STA. TO STA.				ILLINOIS FED. AID PROJECT				
102(3RS-2.4RS)(62-2)RS-1 MARSHALL, WOODFORD												

SOUTHBOUND PREFORMED PLASTIC PAVEMENT MARKING, TYPE D TABLE

LOCATION					LINE 4"		GROOVING FOR RECESSED PVT MKG 5"	LINE 6" WHITE SKIP-DASH	GROOVING FOR RECESSED PVT MKG 7"	LINE 8"		GROOVING FOR RECESSED PVT MKG 9"	LINE 12" WHITE SOLID	GROOVING FOR RECESSED PVT MKG 13"	LETTERS AND SYMBOLS	GROOVING FOR RECESSED PVT MKG - LETTERS AND SYMBOLS
					WHITE SOLID	YELLOW SOLID				WHITE SOLID	WHITE SKIP-DASH					
					FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	SQ. FT.	SQ. FT.
I-39 SOUTHBOUND																
STA.	146+00.00		TO	261+90.23	11590.2	11590.2	23180.5	2898	2898							
S.N. 102-0048																
STA.	261+90.23		TO	277+44.18	(BK)	1554.0	1554.0	3107.9	388	388						
STA.	930+68.49	(AH)	TO	949+58.34		1889.8	1889.8	3779.7	472	472						
STA.	949+58.34		TO	958+08.15	SKIP		849.8	849.8	212	212		212	212.5			
STA.	958+08.15		TO	961+36.23	MEDIAN		328.1	328.1	82	82	328.1	328.1				
STA.	961+36.23		TO	969+09.65		773.4	773.4	1546.8	193	193						
S.N. 102-0047																
STA.	969+09.65		TO	978+71.65		962.0	962.0	1924.0	241	241						
STA.	978+71.65		TO	983+72.00	MEDIAN		500.4	500.4	125	125	500.4	193.7	193.7			
STA.	983+72.00		TO	986+76.02	SKIP		304.0	304.0	76	76	76	76.0				
STA.	986+76.02		TO	1022+68.18		3592.2	3592.2	7184.3	898	898						
WOODFORD/MARSHALL COUNTY SPLIT																
STA.	1022+68.18		TO	1128+92.07		10623.9	10623.9	21247.8	2656	2656						
S.N. 062-0055																
STA.	1128+92.07		TO	1235+28.97		10636.9	10636.9	21273.8	2659	2659						
S.N. 062-0054																
STA.	1235+28.97		TO	1245+25.24	(BK)	996.3	996.3	1992.5	249	249						
STA.	77+88.00	(AH)	TO	121+03.06		4315.1	4315.1	8630.1	1079	1079						
S.N. 062-0053																
STA.	121+03.06		TO	129+00.00		796.9	796.9	1593.9	199	199						
APPROACH TRAFFIC CONTROL								250	250							
WOODFORD COUNTY SUBTOTAL					20361.6	22343.9	42705.5	5586.0	5586.0	828.5	288.0	1117.0	193.7	193.7	0.0	0.0
MARSHALL COUNTY SUBTOTAL					27369.1	27369.1	54738.1	7092.3	7092.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SOUTHBOUND SUBTOTAL					47731	49713	97444	12678	12678	829	288	1117	194	194	0	0

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USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1:100	CHECKED -	REVISED -
PLOT DATE = 2/10/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET 15 OF 22 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	30
CONTRACT NO. 68F87			ILLINOIS FED. AID PROJECT	

RAMP PREFORMED PLASTIC PAVEMENT MARKING, TYPE D TABLE

LOCATION	LINE 4"		GROOVING FOR RECESSED PVT MKG 5"	LINE 6"		GROOVING FOR RECESSED PVT MKG 7"	LINE 8"		GROOVING FOR RECESSED PVT MKG 9"	LINE 12"		LETTERS AND SYMBOLS	GROOVING FOR RECESSED PVT MKG - LETTERS AND SYMBOLS			
	WHITE SOLID	YELLOW SOLID		WHITE SKIP-DASH	WHITE SOLID		WHITE SKIP-DASH	WHITE SOLID		WHITE SOLID						
	FT.	FT.		FT.	FT.		FT.	FT.		FT.	SQ. FT.			SQ. FT.		
I-39 RAMPS																
RAMP A																
RT	STA.	0+00.00	TO	18+04.47	1871.0		1871.0									
LT	STA.	3+03.61	TO	8+04.64				501.0		501.0						
LT	STA.	8+04.64	TO	18+04.47		997.0	997.0									
STOP LINE																
ISLAND																
SYMBOL																
RAMP B																
RT	STA.	0+26.23	TO	11+99.65	2086.0		2086.0									
LT	STA.	0+26.23	TO	8+75.0		840.0	840.0									
LT	STA.	8+75.00	TO	12+00.0				328.0		328.0						
STOP LINE																
ISLAND																
SYMBOL																
RAMP C																
RT	STA.	0+00.00	TO	18+04.21	1872.0		1872.0									
LT	STA.	3+03.60	TO	8+04.60				501.0		501.0						
LT	STA.	8+04.60	TO	18+05.21		997.0	997.0									
STOP LINE																
ISLAND																
SYMBOL																
RAMP D																
RT	STA.	0+26.56	TO	20+49.63	2085.0		2085.0									
LT	STA.	0+25.56	TO	8+73.31		838.0	838.0									
LT	STA.	8+73.31	TO	12+00.00				329.0		329.0						
WOODFORD COUNTY RAMP SUBTOTAL					7914	3672	11586	0	0	1989	0	1989	226	226	62	85

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	DRAWN -	REVISED -
PLOT SCALE = 1:100	CHECKED -	REVISED -
PLOT DATE = 2/10/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET 16 OF 22 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	31
CONTRACT NO. 68F87			ILLINOIS FED. AID PROJECT	

LOCATION						RAISED REFLECTIVE PAVEMENT MARKER		RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	RECOVERABLE DELINEATOR		DELINEATOR REMOVAL	
						1-WAY CRYSTAL	1-WAY AMBER		WHITE SHEETING	YELLOW SHEETING	FROM WINTER SHUTDOWN (MEDIAN)	EXISTING
						EACH	EACH	EACH	EACH	EACH	EACH	EACH
I-39 NORTHBOUND												
STA.	128+90.00		TO	189+62.78		152		152	15	15	15	
STA.	189+62.78		TO	261+90.23		181		181	48	48	48	
STA.	261+90.23		TO	277+44.18 (BK)		39		39	10	10	10	
STA.	930+68.49 (AH)		TO	951+43.28		52		52	5	5	5	
STA.	951+43.28		TO	958+08.17		17		17	0	0	0	
STA.	958+08.17		TO	969+09.65		28		28	3	3	3	
STA.	969+09.65		TO	976+83.07		19		19	2	2	2	
STA.	976+83.07		TO	988+60.97		29		29	0	0	0	
STA.	988+60.97		TO	1022+68.18		85		85	9	9	9	
WOODFORD/MARSHALL COUNTY SPLIT												
STA.	1022+68.18		TO	1128+92.07		266		266	27	27	27	
STA.	1128+92.07		TO	1235+28.97		266		266	27	27	27	
STA.	1235+28.97		TO	1238+78.24		9		9	1	1	1	
STA.	1238+78.24		TO	1245+25.24 (BK)		16		16	2	2	2	
STA.	77+88.00 (AH)		TO	121+03.06		108		108	11	11	11	
STA.	121+03.06		TO	129+00.00		20		20	2	2	2	
I-39 SOUTHBOUND												
STA.	146+00.00		TO	189+62.78		109		109	11	11	11	
STA.	189+62.78		TO	261+90.23		181		181	48	48	48	
STA.	261+90.23		TO	277+44.18 (BK)		39		39	10	10	10	
STA.	930+68.49 (AH)		TO	949+58.34		47		47	5	5	5	
STA.	949+58.34		TO	961+36.23		29		29	0	0	0	
STA.	961+36.23		TO	969+09.65		19		19	2	2	2	
STA.	969+09.65		TO	980+11.13		28		28	3	3	3	
STA.	980+11.13		TO	986+76.02		17		17	0	0	0	
STA.	986+76.02		TO	1022+68.18		90		90	9	9	9	
WOODFORD/MARSHALL COUNTY SPLIT												
STA.	1022+68.18		TO	1128+92.07		266		266	27	27	27	
STA.	1128+92.07		TO	1235+28.97		266		266	27	27	27	
STA.	1235+28.97		TO	1238+78.24		9		9	1	1	1	
STA.	1238+78.24		TO	1245+25.24 (BK)		16		16	2	2	2	
STA.	77+88.00 (AH)		TO	121+03.06		108		108	11	11	11	
STA.	121+03.06		TO	129+00.00		20		20	2	2	2	
MEDIAN CROSSOVER									18			
I-39 RAMPS												
RAMP A												
RT	0+00.00		TO	8+04.60		38		38	8			
LT	3+03.60		TO	11+16.30		26	7	33		6		
RAMP B												
RT	5+81.50		TO	20+12.80					16			
LT	4+81.50		TO	8+71.3						5		
RAMP C												
RT	0+00.00		TO	8+05.00		38		38	8			
LT	6+64.64		TO	11+16.00		26	7	33		6		
RAMP D												
RT	5+78.75		TO	20+09.50					16			
LT	4+78.75		TO	8+71.29						5		
WOODFORD COUNTY SUBTOTAL						1288	13	1301	228	214	180	32
MARSHALL COUNTY SUBTOTAL						1368	0	1368	137	143	137	36
PROJECT TOTAL						2669		2669	722		385	

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET 17 OF 22 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	32
CONTRACT NO. 68F87				

SHORT TERM PAVEMENT MARKING									
LOCATION					LENGTH	SHORT TERM PAVEMENT MARKING		SHORT TERM PAVEMENT MARKING REMOVAL	
	CENTERLINE		EDGE LINE						
	2 APPLICATIONS		2 APPLICATIONS		FT.	FT.	FT.	SQ. FT.	
I-39 NORTHBOUND									
STA.	128+90.00		TO	261+90.23		13300.2	2418.2	511.5	976.6
STA.	261+90.23		TO	277+44.18	(BK)	1554.0	282.5	59.8	114.1
STA.	930+68.49	(AH)	TO	951+43.28		2074.8	377.2	79.8	152.3
STA.	951+43.28		TO	958+08.17		664.9	120.9	12.8	44.6
STA.	958+08.17		TO	969+09.65		1101.5	200.3	42.4	80.9
STA.	969+09.65		TO	976+83.07		773.4	140.6	29.7	56.8
STA.	976+83.07		TO	988+60.97		1177.9	214.2	22.7	78.9
STA.	988+60.97		TO	1022+68.18		3407.2	619.5	131.0	250.2
WOODFORD/MARSHALL COUNTY SPLIT									
STA.	1022+68.18		TO	1128+92.07		10623.9	1931.6	408.6	780.1
STA.	1128+92.07		TO	1235+28.97		10636.9	1934.0	409.1	781.0
STA.	1235+28.97		TO	1238+78.24		349.3	63.5	13.4	25.6
STA.	1238+78.24		TO	1245+25.24	(BK)	647.0	117.6	24.9	47.5
STA.	77+88.00	(AH)	TO	121+03.06		4315.1	784.6	166.0	316.8
STA.	121+03.06		TO	129+00.00		796.9	144.9	30.7	58.5
I-39 SOUTHBOUND									
STA.	146+00.00		TO	261+90.23		11590.2	2107.3	445.8	851.0
STA.	261+90.23		TO	277+44.18	(BK)	1554.0	282.5	59.8	114.1
STA.	930+68.49	(AH)	TO	949+58.34		1889.8	343.6	72.7	138.8
STA.	949+58.34		TO	961+36.23		1177.9	214.2	22.7	78.9
STA.	961+36.23		TO	969+09.65		773.4	140.6	29.7	56.8
STA.	969+09.65		TO	980+11.13		1101.5	200.3	42.4	80.9
STA.	980+11.13		TO	986+76.02		664.9	120.9	12.8	44.6
STA.	986+76.02		TO	1022+68.18		3592.2	653.1	138.2	263.8
WOODFORD/MARSHALL COUNTY SPLIT									
STA.	1022+68.18		TO	1128+92.07		10623.9	1931.6	408.6	780.1
STA.	1128+92.07		TO	1235+28.97		10636.9	1934.0	409.1	781.0
STA.	1235+28.97		TO	1238+78.24		349.3	63.5	13.4	25.6
STA.	1238+78.24		TO	1245+25.24	(BK)	647.0	117.6	24.9	47.5
STA.	77+88.00	(AH)	TO	121+03.06		4315.1	784.6	166.0	316.8
STA.	121+03.06		TO	129+00.00		796.9	144.9	30.7	58.5
I-39 RAMPS									
RAMP A									
RT	0+00.00		TO	18+04.21		1804.2		34.7	11.6
LT	6+64.64		TO	18+04.21		1139.6			
RAMP B									
RT	0+26.56		TO	11+99.65		1173.1		22.6	7.5
LT	0+26.56		TO	8+71.3		844.7			
RAMP C									
RT	0+00.00		TO	18+04.21		1804.2		34.7	11.6
LT	6+64.64		TO	18+04.21		1139.6			
RAMP D									
RT	0+26.04		TO	20+49.63		2023.6		38.9	13.0
LT	0+26.04		TO	8+71.29		845.3			
WOODFORD COUNTY SUBTOTAL							8436	1845	3427
MARSHALL COUNTY SUBTOTAL							9952	2105	4019
APPROACH TRAFFIC CONTROL TABLE SUBTOTAL									3250
PROJECT TOTAL							22338		10696

JOBSITE					
LOCATION	MOBILIZATION	CHANGEABLE MESSAGE SIGN*	ENGINEER'S FIELD OFFICE, TYPE A	TRAFFIC CONTROL SURVEILLANCE	CONSTRUCTION STATION LAYOUT
JOBSITE	1.0	28.0	13.0	10.0	1.0
WOODFORD COUNTY TOTAL	0.47	14.00	6.00	4.70	0.47
MARSHALL COUNTY TOTAL	0.53	14.00	7.00	5.30	0.53
PROJECT TOTAL	1	28	13	10	1

*2 BOARDS @ 7 DAYS EACH FOR 2 SEASON

LOCATION	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	TRAFFIC CONTROL AND PROTECTION, STANDARD 701451	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)
	EACH	L SUM	L SUM	L SUM	L SUM	L SUM
JOBSITE	4.0	1.0	1.0	1.0	1.0	1.0
WOODFORD COUNTY TOTAL	4.0	0.47	0.47	1.0	0.2	0.2
MARSHALL COUNTY TOTAL	0.0	0.53	0.53	0.0	0.8	0.8
PROJECT TOTAL	4	1	1	1	1	1

APPROACH TRAFFIC CONTROL PAVEMENT MARKINGS				
LOCATION	LENGTH	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	PAVEMENT MARKING BLACKOUT TAPE, 7"	SHORT TERM PAVEMENT MARKING REMOVAL
		EDGE LINES 2 APPLICATIONS	CENTERLINE SKIPS 2 APPLICATIONS	
		FT.	FT.	SQ. FT.
I-39 NORTHBOUND				
Approach Traffic Control	1000.0	4000.0	500.0	1625.0
I-39 SOUTHBOUND				
Approach Traffic Control	1000.0	4000.0	500.0	1625.0
WOODFORD COUNTY SUBTOTAL		4000.0	500.0	1625.0
MARSHALL COUNTY SUBTOTAL		4000.0	500.0	1625.0
PROJECT TOTAL		8000	1000	SEE SHORT TERM PAVEMENT MARKING TABLE

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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES			
SCALE:	SHEET 18	OF 22 SHEETS	STA. TO STA.

F.A.I. RTE. 39	SECTION *	COUNTY *	TOTAL SHEETS 114	SHEET NO. 33
			CONTRACT NO. 68F87	
		ILLINOIS FED. AID PROJECT		

102(3RS-2.4RS)(62-2)RS-1

MARSHALL, WOODFORD

DRAINAGE TOTAL											
LOCATION	GRADING AND SHAPING DITCHES, SPECIAL	REVTMENT MAT REMOVAL	STONE RIPRAP, CLASS B3	EXPLORATION TRENCH 60" DEPTH	MANHOLES TO BE RECONSTRUCTED (SPECIAL)	EXPLORATION TRENCH, SPECIAL	CONCRETE COLLAR	REMOVE FRAME AND GRATES, SPECIAL	MEDIAN INLET (604101)	INLET BOX, STANDARD 542531	FLUSH INLET BOX FOR MEDIAN, STANDARD 542546
	FOOT	SQ. YD.	TON	FOOT	EACH	FOOT	CU. YD.	EACH	EACH	EACH	EACH
WOODFORD COUNTY											
NORTHBOUND DRAINAGE TABLE	3212	71.6	234.2	0	0		0.9				
SOUTHBOUND & MEDIAN DRAINAGE TABLE	4660	95.6	370	0	0	22	1.8	2	2	0	0
PIPE UNDERDRAINS TABLE						200					
CULVERT TABLE							2.9				
MARSHALL COUNTY											
NORTHBOUND DRAINAGE TABLE	2895	713.1	613.2	550	11		0				
SOUTHBOUND & MEDIAN DRAINAGE TABLE	713	0	96.4	350	7	69	4.2	6	4	1	1
CULVERT TABLE							4.4				
WOODFORD COUNTY TOTAL	7872	167.2	604.2	0	0	222	6	2	2	0	0
MARSHALL COUNTY TOTAL	3608	713.1	709.6	900	18	69	9	6	4	1	1
PROJECT TOTAL	11480	880	1314	900	18	291	15	8	6	1	1

DRAINAGE (SOUTHBOUND & MEDIAN)													
LOCATION	GRADING AND SHAPING DITCHES, SPECIAL	REVTMENT MAT REMOVAL	STONE RIPRAP, CLASS B3	EXPLORATION TRENCH 60" DEPTH	MANHOLES TO BE RECONSTRUCTED (SPECIAL)	EXPLORATION TRENCH, SPECIAL	CONCRETE COLLAR		REMOVE FRAME AND GRATES, SPECIAL	MEDIAN INLET (604101)	INLET BOX, STANDARD 542531	FLUSH INLET BOX FOR MEDIAN, STANDARD 542546	INLET AND PIPE PROTECT
				AT FIELD TILE JUNCTION	MANHOLES	AT MEDIAN INLET, ENDSECTION & UNDERDRAIN	PIPE SIZE	CU. YD.	EACH	EACH	EACH	EACH	EACH
I-39 SOUTHBOUND & MEDIAN													
STA 177+50		28	23.3										
STA 185+00 TO 193+50	850.0	24	33.3										
STA 216+25 TO 217+50	100.0	25	23.3				24"	0.6					
STA 224+00 TO 234+00	1000.0	19	23.3										
STA 248+35 TO 253+35	500.0						2-24"	1.2					
STA 268+00 TO 273+00	500.0					5			1.0	1.0			
STA 936+50													2.0
STA 944+00 TO 946+00	200.0												
STA 960+00 TO RAMP D 1+50	800.0					5			1.0	1.0			
STA 968+00	340.0		33.3										
STA 974+00	50.0												
STA 12+50 (RAMP A)	20.0		33.3										
STA 988+00 TO 991+00	300.0		200.0			5							
STA 1009+50						7							1.0
WOODFORD/MARSHALL COUNTY SPLIT													
STA 1031+00						9							1.0
STA 1041+00 TO 1043+00	200.0					7	24"	0.6	1.0	1.0			
STA 1065+00						5	24"	0.6	1.0	1.0			1.0
STA 1076+10						7	24"	0.6	1.0			1.0	2.0
STA 1077+40				50	1								
STA 1080+00	10.0												
STA 1094+30	10.0					20	24"	0.6	1.0	1.0			
STA 1118+20 TO 1120+20	200.0			50	1								
STA 1168+00							2-36"	1.8					2.0
STA 1185+85 TO 1186+94				50	1	8.0			1.0	1.0			2.0
STA 1195+25						4.0							
STA 1203+80				50	1								2.0
STA 1226+94	46.0		33.9										1.0
STA 1239+50 TO 1240+00	15.0		22.5	50	1	4.0							
STA 85+91						5.0							1.0
STA 101+30				50	1								1.0
STA 113+48 TO 115+48	232.0		40.0	50	1				1.0	1.0			
WOODFORD COUNTY SUBTOTAL	4660.0	95.6	370.0	0.0	0.0	22.0		1.8	2.0	2.0	0.0	0.0	3.0
MARSHALL COUNTY SUBTOTAL	713.0	0.0	96.4	350.0	7.0	69.0		4.2	6.0	4.0	1.0	1.0	13.0
SOUTHBOUND & MEDIAN SUBTOTAL	5373.0	95.6	466.4	350.0	7.0	91.0		6.0	8.0	6.0	1.0	1.0	16.0

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET 19 OF 22 SHEETS STA. TO STA.

F.A.I. RTE. 39	SECTION *	COUNTY *	TOTAL SHEETS 114	SHEET NO. 34
CONTRACT NO. 68F87			ILLINOIS FED. AID PROJECT	

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DRAINAGE (NORTHBOUND)							
LOCATION	GRADING AND SHAPING DITCHES, SPECIAL	REVTMENT MAT REMOVAL	STONE RIPRAP, CLASS B3	EXPLORATION TRENCH 60" DEPTH	MANHOLES TO BE RECONSTRUCTED (SPECIAL)	CONCRETE COLLAR	
				AT FIELD TILE JUNCTION MANHOLES			
				FOOT	SQ. YD.	TON	FOOT
I-39 NORTHBOUND							
STA. 167+00 TO 172+00	500.0						
STA. 185+50 TO 190+50	500.0						
STA. 227+00 TO 231+00	400.0						
STA. 247+25 TO 248+35	50.0						
STA. 950+00 TO 962+00	1200.0						
STA. 968+00	210.0						
STA. 16+00 (RAMP C), HWY 2 STA. 56+00	300.0		125.0				
STA. 1004+00	32.0	49.8	80.0				
STA. 1009+50	20.0	21.8	29.2			36"	0.9
WOODFORD/MARSHALL COUNTY SPLIT							
STA. 1029+40				50.0	1.0		
STA. 1031+00	25.0	44.0	51.3				
STA. 1043+00	25.0	48.9	36.7				
STA. 1051+00	15.0	31.1	23.3				
STA. 1057+50	15.0	28.0	21.0				
STA. 1061+00	15.0	31.1	23.3				
STA. 1065+00	10.0	10.0	7.5				
STA. 1076+10		34.2	36.7				
STA. 1080+00	10.0		8.3				
STA. 1081+00 TO 1085+00	400.0						
STA. 1094+30 TO 1095+30	100.0	62.2	51.3	50.0	1.0		
STA. 1103+30 TO 1103+80	50.0	35.6	33.3	50.0	1.0		
STA. 1120+20 TO 1127+00	680.0	48.9	36.7	50.0	1.0		
STA. 1132+50				50.0	1.0		
STA. 1138+85 TO 1139+00	15.0	11.1	5.3	50.0	1.0		
STA. 1157+30		44.0	36.7				
STA. 1167+80 TO 1168+00	20.0	44.0	36.7	50.0	1.0		
STA. 1186+80 TO 1186+94	15.0	40.0	30.0	50.0	1.0		
STA. 1195+50	10.0		4.2				
STA. 1204+00 TO 1218+00	1400.0	44.0	33.0	50.0	1.0		
			16.7				
STA. 1226+94		48.0	36.0				
STA. 1238+07	10.0		4.2				
STA. 102+00		44.0	33.0	50.0	1.0		
STA. 113+40 TO 114+20	80.0	64.0	48.0	50.0	1.0		
WOODFORD COUNTY SUBTOTAL	3212.0	71.6	234.2	0.0	0.0		0.9
MARSHALL COUNTY SUBTOTAL	2895.0	713.1	613.2	550.0	11.0		0.0
NORTHBOUND SUBTOTAL	6107.0	784.7	847.4	550.0	11.0		0.9

LOCATION	PIPE CULVERTS TO BE CLEANED 24"	PIPE CULVERTS TO BE CLEANED 36"	CLEAN EXISTING END SECTION	BOX CULVERTS TO BE CLEANED
	FOOT	FOOT	EACH	FOOT
	I-39 NORTHBOUND & CROSSROAD CULVERTS			
STA. 187+72	392.0			
STA. 960+00		406.0		
STA. 16+00 (RAMP C)		280.0		
STA. 974+00		306.0		
STA. 995+00			1.0	
STA. 1004+00		429.0		
WOODFORD/MARSHALL COUNTY SPLIT				
STA. 1043+00		286.0		
STA. 1065+00	81.0			
STA. 1076+10		310.0		
STA. 1120+20			1.0	
STA. 1147+00			1.0	
STA. 1157+30			2.0	
STA. 1168+00			2.0	
STA. 1195+50			1.0	
STA. 1204+10			2.0	
STA. 1215+50			1.0	
STA. 1226+94				143.0
STA. 113+40			2.0	
I-39 SOUTHBOUND & MEDIAN				
STA. 177+50			1.0	
STA. 216+50			1.0	
STA. 229+00	178.0			
STA. 252+00	70.0			
STA. 945+00	70.0			
STA. 1+50 (RAMP D)		374.0		
STA. 12+50 (RAMP A)			3.0	
STA. 968+00		272.0		
STA. 988+00			1.0	
STA. 1009+50		151.0		
WOODFORD/MARSHALL COUNTY SPLIT				
STA. 1080+00			1.0	
STA. 1168+00			2.0	
STA. 1240+00			2.0	183.0
STA. 101+30	338.0			
STA. 113+48			2.0	
STA. 115+46	80			
WOODFORD COUNTY TOTAL	710.0	2218.0	7.0	0.0
MARSHALL COUNTY TOTAL	499.0	596.0	19.0	326.0
PROJECT TOTAL	1209	2814	26	326

CULVERT TABLE

LOCATION	CONCRETE COLLAR		REMOVE CONCRETE END SECTION	PRECAST REINFORCED CONCRETE FLARED END SECTION 24"	PRECAST REINFORCED CONCRETE FLARED END SECTION, EQ RS 24"	PRECAST REINFORCED CONCRETE FLARED END SECTION 30"	GRATING FOR CONCRETE FLARED END SECTION 30"	PRECAST REINFORCED CONCRETE FLARED END SECTION, EQ RS 30"	GRATING FOR CONCRETE FLARED END SECTION EQ RS 30"	PRECAST REINFORCED CONCRETE FLARED END SECTION, EQ RS 36"	GRATING FOR CONCRETE FLARED END SECTION EQ RS 36"	PRECAST REINFORCED CONCRETE FLARED END SECTION 36"	GRATING FOR CONCRETE FLARED END SECTION 36"	GRATING FOR CONCRETE FLARED END SECTION 48"	RESET GRATE
	PIPE SIZE	CU. YD.	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
I-39 NORTHBOUND & CROSSROAD CULVERTS															
STA. 248+35														2.0	
STA. 936+50								2.0							
WOODFORD/MARSHALL COUNTY SPLIT															
STA. 1061+00	36"	0.9	1.0									1.0	1.0		
STA. 1103+30	36"	0.9	1.0									1.0	1.0		
STA. 1238+07	24"	0.6	1.0	1.0											
STA. 85+91	24"	0.6	1.0	1.0											
STA. 115+46	24"	0.6	1.0	1.0											
I-39 SOUTHBOUND & MEDIAN															
STA. 187+72	2-24"	1.2	2.0		2.0										
STA. 268+00	36"	0.9	1.0							1.0	1.0				
STA. 936+50	30"	0.8	1.0					1.0	2.0						
STA. 1+50 (RAMP D)															1.0
WOODFORD/MARSHALL COUNTY SPLIT															
STA. 1186+94	30"	0.8	1.0			1.0	1.0								
WOODFORD COUNTY TOTAL		2.9	4.0	0.0	2.0	0.0	0.0	1.0	4.0	1.0	1.0	0.0	0.0	2.0	1.0
MARSHALL COUNTY TOTAL		4.4	6.0	3.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	2.0	2.0	0.0	0.0
PROJECT TOTAL		SEE DRAINAGE TOTAL TABLE	10.0	3.0	2.0	1.0	1.0	1.0	4.0	1.0	1.0	2.0	2.0	2.0	1.0

PIPE UNDERDRAINS

LOCATION	EXPLORATION TRENCH, SPECIAL	REGROUT PIPE UNDERDRAIN HEADWALL, PAID 109.04	PIPE CULVERTS TO BE CLEANED 6"
	AT MEDIAN INLET, ENDSECTION & UNDERDRAIN		
	FOOT	EACH LOCATION	FOOT
I-39 NORTHBOUND			
STA. 266+80 TO 269+80			20
WOODFORD/MARSHALL COUNTY SPLIT			
STA. 1055+00		1	
STA. 1093+75		1	
STA. 1119+00		1	
STA. 1168+50		1	
I-39 SOUTHBOUND & MEDIAN			
STA. 216+50 TO 217+50		1	
STA. 251+50 TO 252+00		2	
STA. 994+75			10
WOODFORD/MARSHALL COUNTY SPLIT			
STA. 1030+50		1	
STA. 1042+50		1	
STA. 1060+75		1	
STA. 1075+50		1	
STA. 1076+20		1	
STA. 1079+50		1	
STA. 1101+50		1	10
WOODFORD COUNTY SUBTOTAL	200	3	30
MARSHALL COUNTY SUBTOTAL	0	11	10
APPROACH DRAINAGE TABLE TOTAL (WOODFORD)			370
APPROACH DRAINAGE TABLE TOTAL (MARSHALL)			555
PROJECT TOTAL	SEE DRAINAGE TOTAL TABLE		965

LOCATION				WOVEN WIRE FENCE REMOVAL AND REPLACEMENT
				FOOT
I-39 NORTHBOUND-WOODFORD COUNTY				
STA.	247+25.00	TO	248+35.00	110.0
STA.	258+00.00	TO	258+60.00	60.0
STA.	938+00.00	TO	939+30.00	130.0
I-39 SOUTHBOUND-WOODFORD COUNTY				
STA.	233+50.00	TO	235+00.00	150.0
STA.	263+00.00	TO	263+50.00	50.0
WOODFORD COUNTY TOTAL				500.0
SUBTOTAL				500.0
APPROACH DRAINAGE TABLE TOTAL (WOODFORD)				142.0
JOB TOTAL				642

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES			
SCALE:	SHEET 21	OF 22 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	36
CONTRACT NO. 68F87				
ILLINOIS FED. AID PROJECT				

EROSION CONTROL TABLE															
LOCATION				AREA *	SEEDING, CLASS 3A	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	EROSION CONTROL BLANKET	TEMPORARY EROSION CONTROL SEEDING	MULCH, METHOD 1	TEMPORARY DITCH CHECKS		PERIMETER EROSION BARRIER	INLET AND PIPE PROTECT
				SQ. FT.	ACRE	POUND	POUND	POUND	SQ. YD.	POUND	ACRE	# of Ditch Checks	FOOT	FOOT	EACH
I-39 NORTHBOUND															
STA.	167+00.00	TO	172+00.00	5000	0.11	9.9	9.9	9.9	555.6	11.0	0.11	10	100	500.0	1
STA.	185+22.00	TO	190+50.00	5280	0.12	10.8	10.8	10.8	586.7	12.0	0.12	11	110	528.0	2
STA.	227+00.00	TO	231+00.00	4000	0.09	8.1	8.1	8.1	444.4	9.0	0.09	8	80	400.0	1
STA.	247+85.00	TO	248+35.00	500	0.01	0.9	0.9	0.9	55.6	1.0	0.01	1	10	50.0	3
STA.	950+00.00	TO	962+00.00	12000	0.28	25.2	25.2	25.2	1333.3	28.0	0.28	24	240	1200.0	2
STA.	968+00.00	TO	RAMP C	2100	0.05	4.5	4.5	4.5	233.3	5.0	0.05	4	40	210.0	2
STA.	RAMP C	TO	CH-2	3000						7	0	4	40	210.0	2
WOODFORD/MARSHALL COUNTY SPLIT															
STA.	1081+00.00	TO	1085+00.00	4000	0.09	8.1	8.1	8.1	444.4	9.0	0.09	8	80	400.0	0
STA.	1094+30.00	TO	1095+30.00	1000	0.02	1.8	1.8	1.8	111.1	2.0	0.02	2	20	100.0	0
STA.	1103+30.00	TO	1103+80.00	500	0.01	0.9	0.9	0.9	55.6	1.0	0.01	1	10	50.0	0
STA.	1120+20.00	TO	1127+00.00	6800	0.16	14.4	14.4	14.4	755.6	16.0	0.16	14	140	680.0	0
STA.	1204+00.00	TO	1218+00.00	14000	0.32	28.8	28.8	28.8	1555.6	32.0	0.32	28	280	1400.0	0
STA.	113+40.00	TO	114+20.00	800	0.02	1.8	1.8	1.8	88.9	2.0	0.02	2	20	80.0	0
I-39 SOUTHBOUND & MEDIAN															
STA.	185+00.00	TO	193+50.00	8500	0.2	18.0	18.0	18.0	944.4	20.0	0.2	17	170	850.0	0
STA.	216+50.00	TO	217+50.00	1000	0.02	1.8	1.8	1.8	111.1	2.0	0.02	2	20	100.0	1
STA.	224+00.00	TO	234+00.00	10000	0.23	20.7	20.7	20.7	1111.1	23.0	0.23	20	200	1000.0	0
STA.	248+35.00	TO	253+35.00	5000	0.11	9.9	9.9	9.9	555.6	11.0	0.11	10	100	500.0	1
STA.	268+00.00	TO	273+00.00	5000	0.11	9.9	9.9	9.9	555.6	11.0	0.11	10	100	500.0	3
STA.	944+00.00	TO	946+00.00	2000	0.05	4.5	4.5	4.5	222.2	5.0	0.05	4	40	200.0	0
STA.	960+00.00	TO	RAMP D CH-2	8000	0.18	16.2	16.2	16.2	888.9	18.0	0.18	16	160	800.0	1
STA.	968+00.00	TO	RAMP D CH-2	3400	0.08	7.2	7.2	7.2	377.8	8.0	0.08	16	160	800.0	4
STA.	988+00.00	TO	991+00.00	3000	0.07	6.3	6.3	6.3	333.3	7.0	0.07	6	60	300.0	1
WOODFORD/MARSHALL COUNTY SPLIT															
STA.	1041+00.00	TO	1043+00.00	2000	0.05	4.5	4.5	4.5	222.2	5.0	0.05	4	40	200.0	3
STA.	1080+00.00	TO	1080+10.00	100	0	0.0	0.0	0.0	11.1	0.0	0	0	0	10.0	1
STA.	1094+30.00	TO	1094+40.00	100	0	0.0	0.0	0.0	11.1	0.0	0	0	0	10.0	3
STA.	1118+20.00	TO	1120+20.00	2000	0.05	4.5	4.5	4.5	222.2	5.0	0.05	4	40	200.0	1
STA.	1239+85.00	TO	1240+00.00	150	0	0.0	0.0	0.0	16.7	0.0	0	0	0	15.0	2
STA.	113+48.00	TO	115+48.00	2000	0.05	4.5	4.5	4.5	222.2	5.0	0.05	4	40	200.0	4
OVERPASS STRUCTURES															
S.N. 102-0048 (WOODFORD COUNTY)				1210	0.03	2.7	2.7	2.7	134.4	3.0	0.03	5	50	5.0	0
S.N. 102-0047 (WOODFORD COUNTY)				1090	0.03	2.7	2.7	2.7	121.1	3.0	0.03	5	50	5.0	0
S.N. 062-0055 (MARSHALL COUNTY)				1260	0.03	2.7	2.7	2.7	140	3.0	0.03	5	50	5.0	0
S.N. 062-0054 (MARSHALL COUNTY)				1195	0.03	2.7	2.7	2.7	132.8	3.0	0.03	5	50	5.0	0
S.N. 062-0053 (MARSHALL COUNTY)				1140	0.03	2.7	2.7	2.7	126.7	3.0	0.03	5	50	5.0	0
WOODFORD COUNTY SUBTOTAL				1.77	159.30	159.30	159.30	159.30	8564.40	184.00	1.77		1730.00	8158.00	24.00
MARSHALL COUNTY SUBTOTAL				0.86	77.40	77.40	77.40	77.40	4116.20	86.00	0.86		820.00	3360.00	14.00
WOODFORD COUNTY TOTAL				1.75	157.50	157.50	157.50	157.50	8564.0	184.0	1.75		1730.0	8158.0	24.0
MARSHALL COUNTY TOTAL				1.00	90.00	90.00	90.00	90.00	4116.0	86.0	1.00		820.0	3360.0	14.0
DRAINAGE (SOUTHBOUND & MEDIAN) TABLE SUBTOTAL															16.0
PROJECT TOTAL				2.75	247.5	247.5	247.5	247.5	12680.0	270.0	2.75		2550.0	11518.0	54.0
*AVERAGE WIDTH= 10'															

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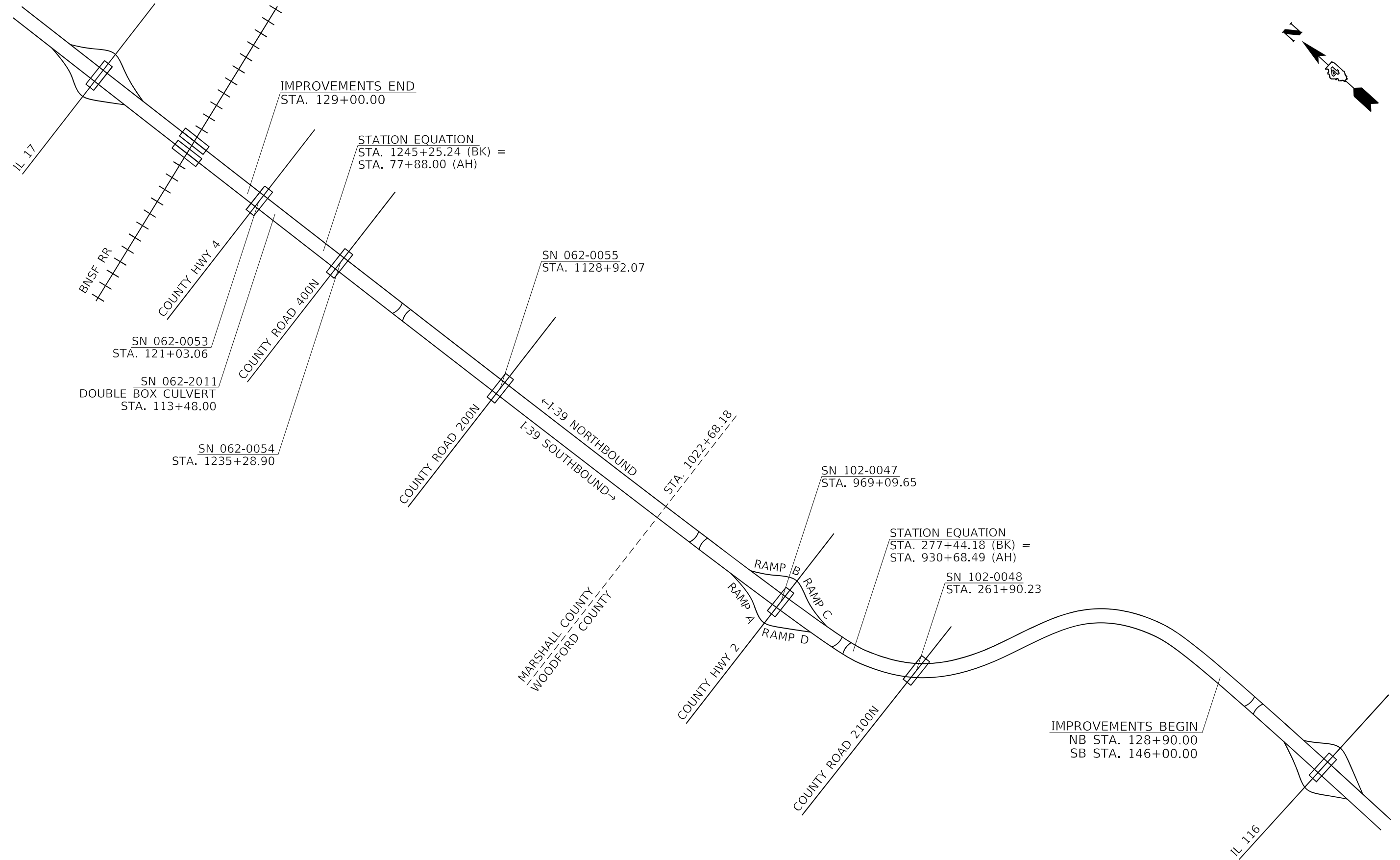
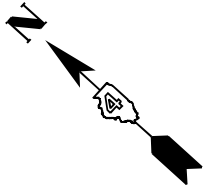
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET 22 OF 22 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	37
CONTRACT NO. 68F87				



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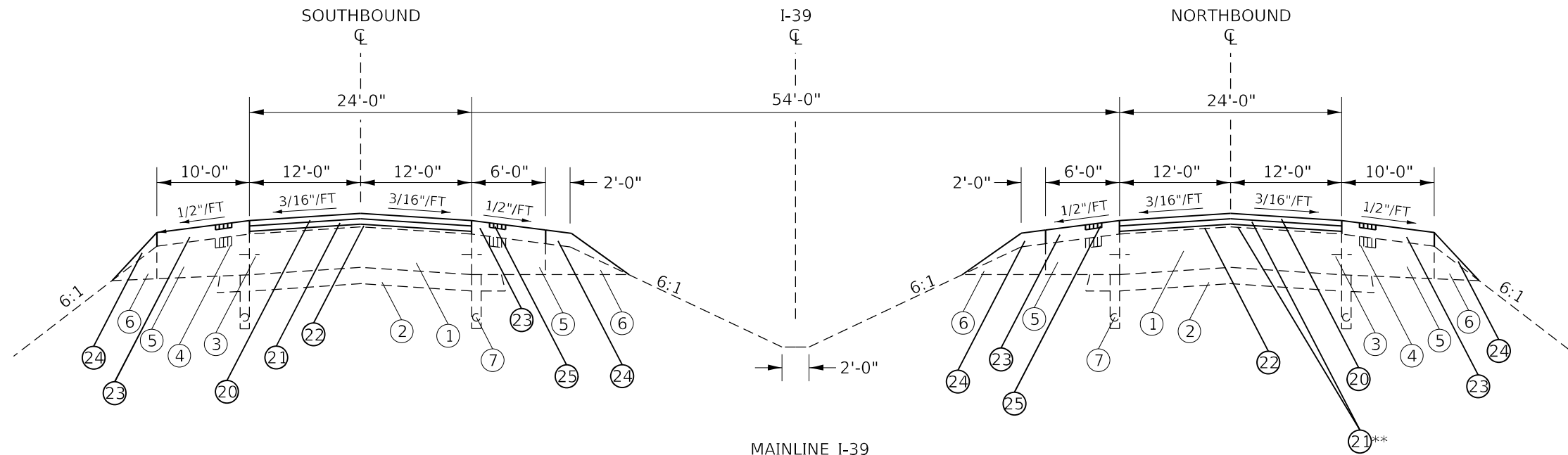
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LINE DIAGRAM

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

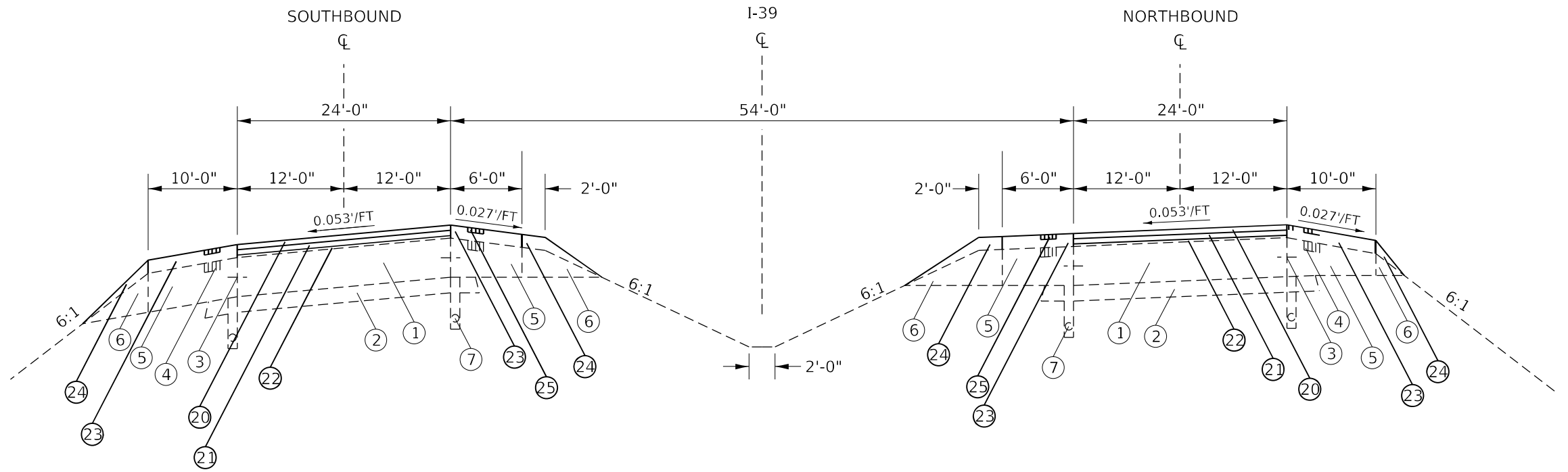
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	38
CONTRACT NO. 68F87				



MAINLINE I-39
 NB STA. 130+90.00 TO STA 189+62.78
 SB STA. 148+00.00 TO STA. 189+62.78
 STA. 227+41.97 TO STA. 239+31.90
 STA. 930+68.49 TO STA. 1245+25.24 (BK) = STA. 77+88.00 (AH)
 STA. 77+88.00 TO STA. 127+00.00

**ADDITIONAL SMA BINDER
 LIMITS: NB STA. 986+75 TO NB STA. 1022+68
 (SEE DETAIL B ON BUTT JOINT DETAILS SHEET)

LEGEND	
EXISTING ITEMS	
①	EXIST. CRPCC PAVEMENT, 10"
②	EXIST. STAB. SUBBASE, 4"
③	EXIST. EPOXY BARS, #5
④	EXIST. RUMBLE STRIP
⑤	EXIST. PCC SHOULDERS, 10"
⑥	EXIST. AGGREGATE SHOULDERS, TYPE B
⑦	EXIST. PIPE UNDERDRAIN
⑧	EXIST. PCC PAVEMENT, 10"
⑨	EXIST. CONCRETE SLAB, 7.5"
⑩	EXIST. CONCRETE ISLAND, 6"
PROPOSED ITEMS	
⑳	PROP. STONE MATRIX ASPHALT SURFACE, 2"
㉑	PROP. STONE MATRIX ASPHALT BINDER, 2"**
㉒	PROP. HMA BINDER, 1"
㉓	PROP. HMA SHOULDERS
㉔	PROP. AGGREGATE SHOULDERS
㉕	PROP. RUMBLE STRIP
㉖	PROP. HMA SURFACE, 1.5"



SUPERELEVATED RIGHT
 STA. 189+62.78 TO STA. 227+41.97
 SUPERELEVATED LEFT
 STA. 239+31.90 TO STA. 277+44.18 (BK) = STA. 930+68.49 (AH)

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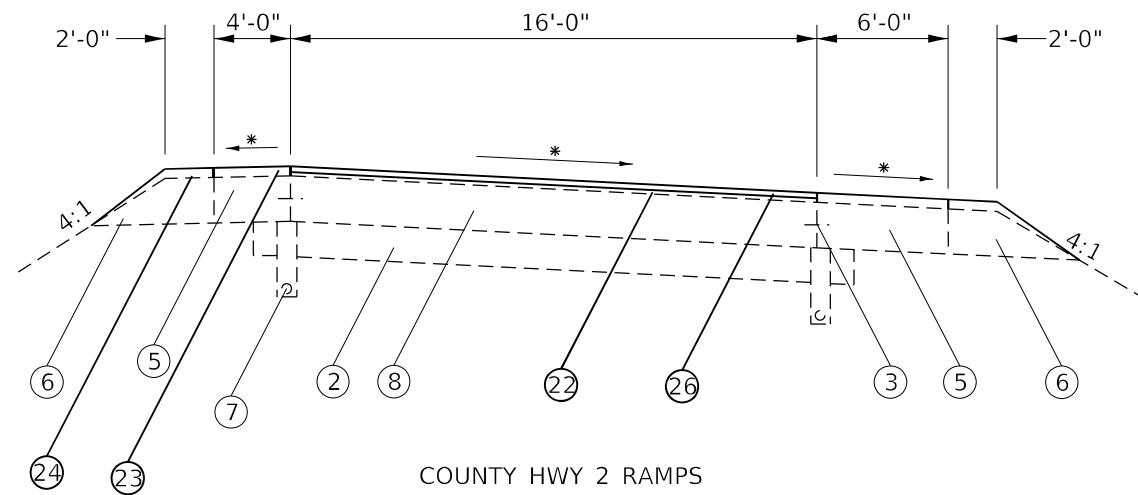
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	39
CONTRACT NO. 68F87				

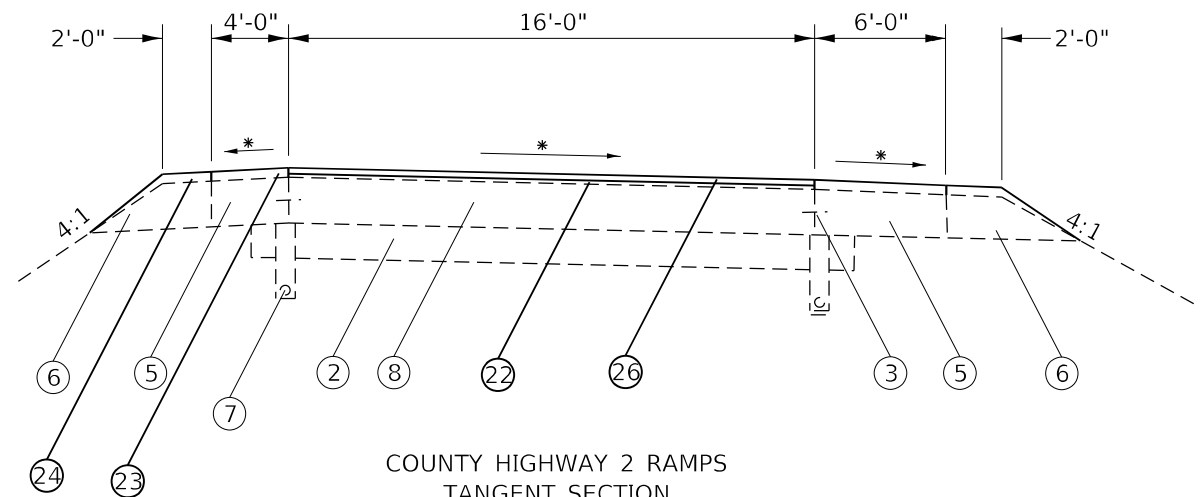
102(3RS-2,4RS)(62-2)RS-1 MARSHALL, WOODFORD



COUNTY HWY 2 RAMPS
SUPERELEVATED SECTION

STA. 6+64.64 TO STA. 12+11.27 (RAMP "A")
 STA. 4+38.75 TO STA. 9+99.63 (RAMP "B")
 STA. 6+64.64 TO STA. 12+11.27 (RAMP "C")
 STA. 4+38.75 TO STA. 9+99.63 (RAMP "D")

* MATCH EXISTING CROSS SLOPE



COUNTY HIGHWAY 2 RAMPS
TANGENT SECTION

STA. 12+11.27 TO STA. 17+13.06 (RAMP "A")
 STA. 1+51.27 TO STA. 4+38.75 (RAMP "B")
 STA. 12+11.27 TO STA. 17+13.06 (RAMP "C")
 STA. 1+51.27 TO STA. 4+38.75 (RAMP "D")

LEGEND

EXISTING ITEMS

- ① EXIST. CRPCC PAVEMENT, 10"
- ② EXIST. STAB. SUBBASE, 4"
- ③ EXIST. EPOXY BARS, #5
- ④ EXIST. RUMBLE STRIP
- ⑤ EXIST. PCC SHOULDERS, 10"
- ⑥ EXIST. AGGREGATE SHOULDERS, TYPE B
- ⑦ EXIST. PIPE UNDERDRAIN
- ⑧ EXIST. PCC PAVEMENT, 10"
- ⑨ EXIST. CONCRETE SLAB, 7.5"
- ⑩ EXIST. CONCRETE ISLAND, 6"

PROPOSED ITEMS

- ⑳ PROP. STONE MATRIX ASPHALT SURFACE, 2"
- ㉑ PROP. STONE MATRIX ASPHALT BINDER, 2"
- ㉒ PROP. HMA BINDER, 1"
- ㉓ PROP. HMA SHOULDERS
- ㉔ PROP. AGGREGATE SHOULDERS
- ㉕ PROP. RUMBLE STRIP
- ㉖ PROP. HMA SURFACE, 1.5"

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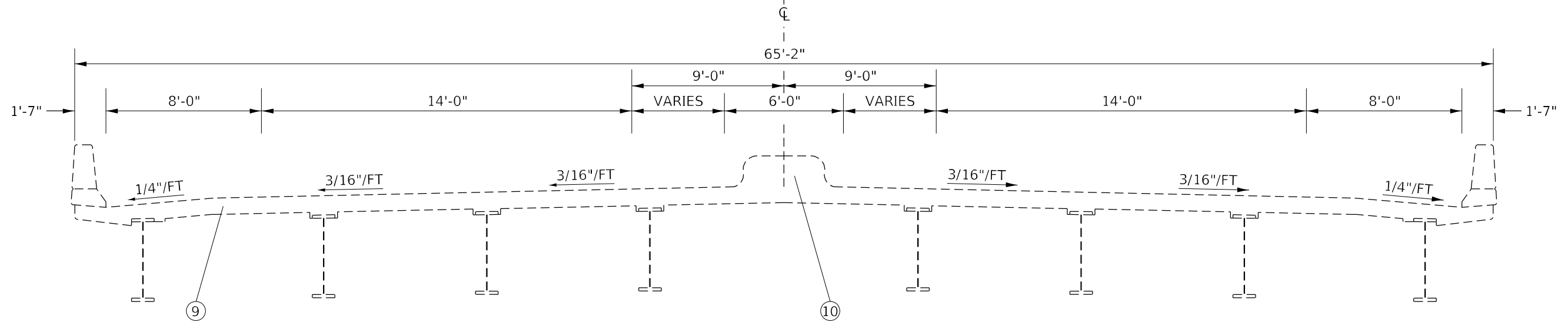
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

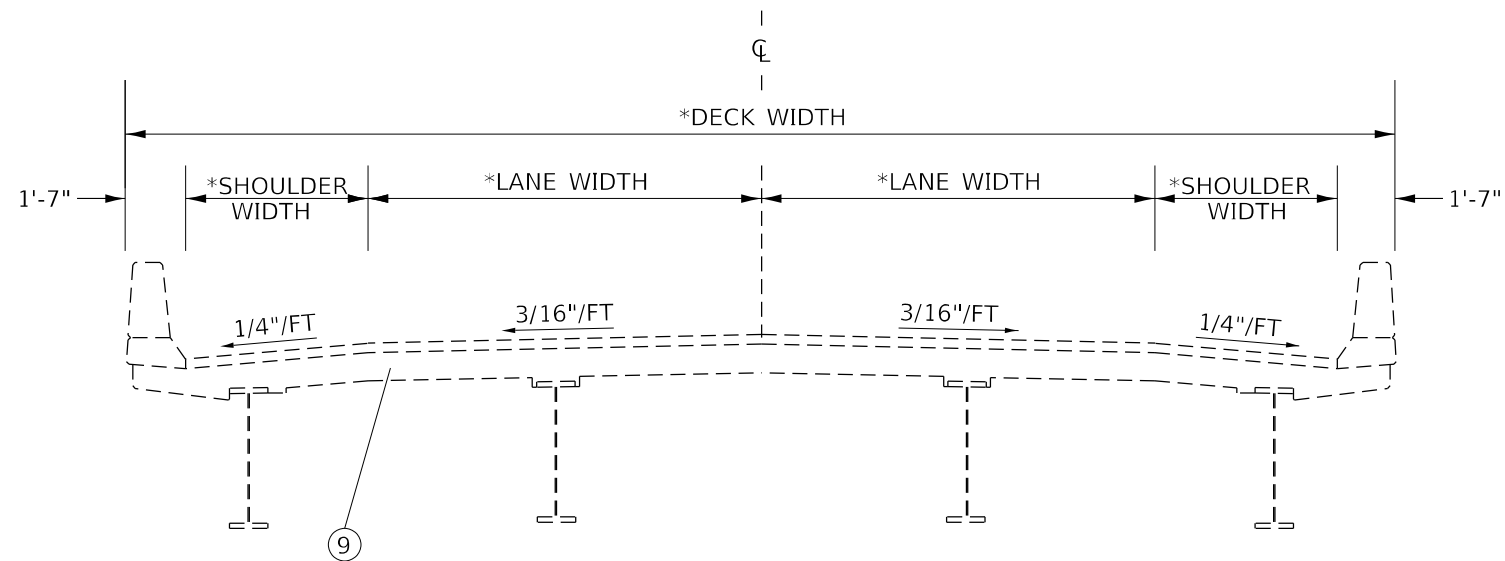
SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	40
CONTRACT NO. 68F87				

CO. HWY 2
SN 102-0047



SEE STRUCTURE TABLE BELOW



LEGEND

EXISTING ITEMS

- ① EXIST. CRPCC PAVEMENT, 10"
- ② EXIST. STAB. SUBBASE, 4"
- ③ EXIST. EPOXY BARS, #5
- ④ EXIST. RUMBLE STRIP
- ⑤ EXIST. PCC SHOULDERS, 10"
- ⑥ EXIST. AGGREGATE SHOULDERS, TYPE B
- ⑦ EXIST. PIPE UNDERDRAIN
- ⑧ EXIST. PCC PAVEMENT, 10"
- ⑨ EXIST. CONCRETE SLAB, 7 1/2"
- ⑩ EXIST. CONCRETE ISLAND, 6"

STRUCTURE TABLE				
STRUCTURE NUMBER	STRUCTURE DESCRIPTION	DECK WIDTH	LANE WIDTH	SHOULDER WIDTH
SN 102-0048	CARRYING CR 2100 N OVER I-39	37'-2"	11'-0"	6'-0"
SN 062-0053	CARRYING CH 4 OVER I-39			
SN 062-0055	CARRYING CR 200 N OVER I-39	31'-2"	10'-0"	4'-0"
SN 062-0054	CARRYING CR 400 N OVER I-39			

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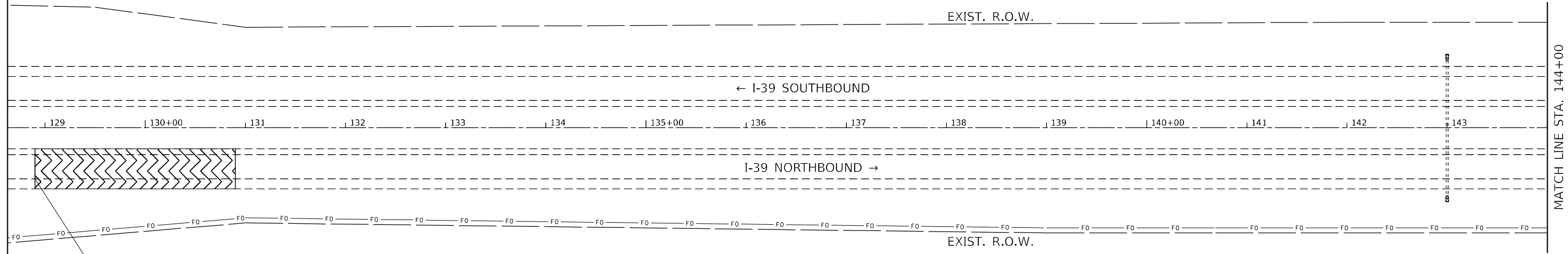
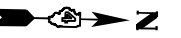
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BRIDGE TYPICAL

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	41
CONTRACT NO. 68F87				

102(3RS-2.4RS)(62-2)RS-1 ILLINOIS FED. AID PROJECT MARSHALL, WOODFORD


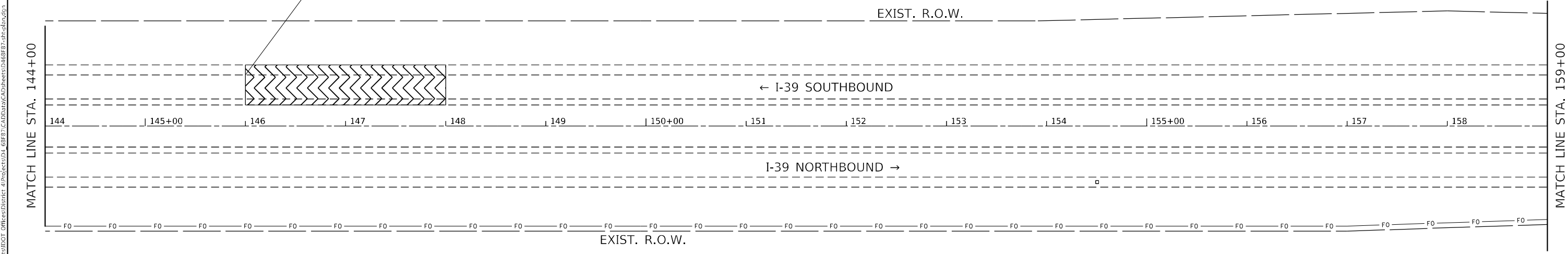


IMPROVEMENTS BEGIN
 NB STA. 128+90 TO STA. 130+90
 SURFACE REMOVAL-BUTT JOINT
 (SEE BUTT JOINT DETAILS SHEET)

NOTE FOR ALL GENERAL PLAN SHEETS:

1. GRADING AND SHAPING DITCHES, SPECIAL SHALL INCLUDE THE REMOVAL AND DISPOSAL OF ANY EXCESS MATERIAL. THE AVERAGE DEPTH IS 24" (SEE SPECIAL PROVISION)
2. SEE SCHEDULES FOR LOCATIONS AND QUANTITY OF TEMPORARY AND PERMANENT EROSION CONTROL ITEMS.
3. FLOW ARROWS WERE TAKEN FROM THE ORIGINAL PLANS AND ARE FOR INFORMATION ONLY. SURVEY WAS NOT PROVIDED FOR THIS PROJECT.

LEGEND

 SURFACE REMOVAL - BUTT JOINT


IMPROVEMENTS BEGIN
 SB STA. 146+00 TO STA. 148+00
 SURFACE REMOVAL-BUTT JOINT
 (SEE BUTT JOINT DETAILS SHEET)



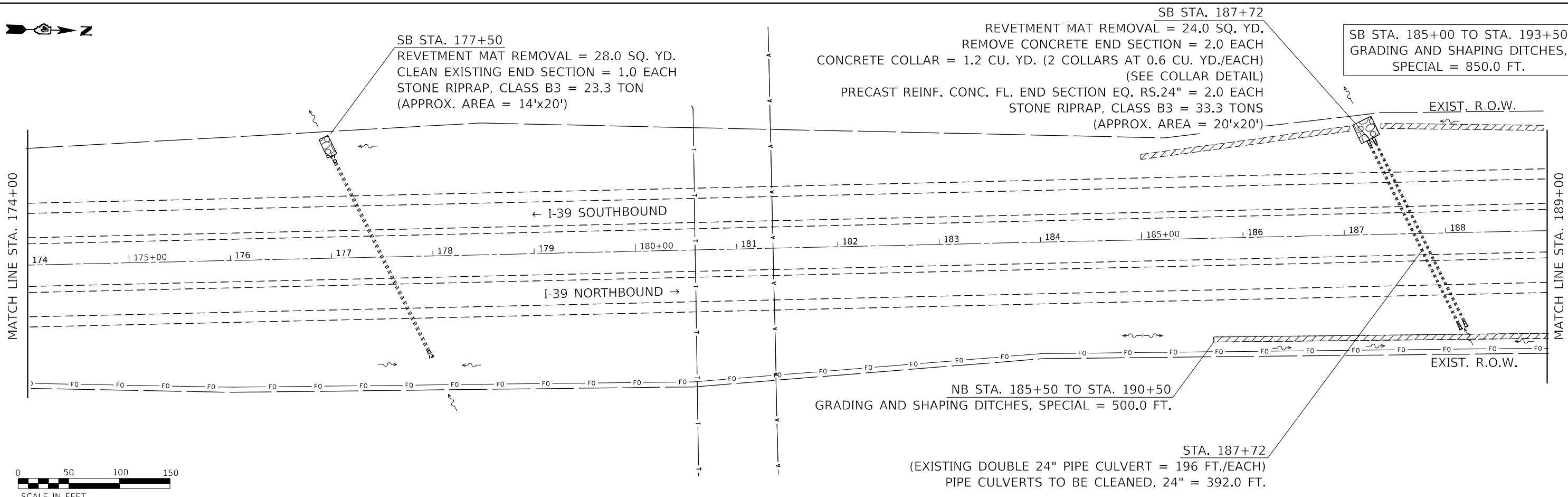
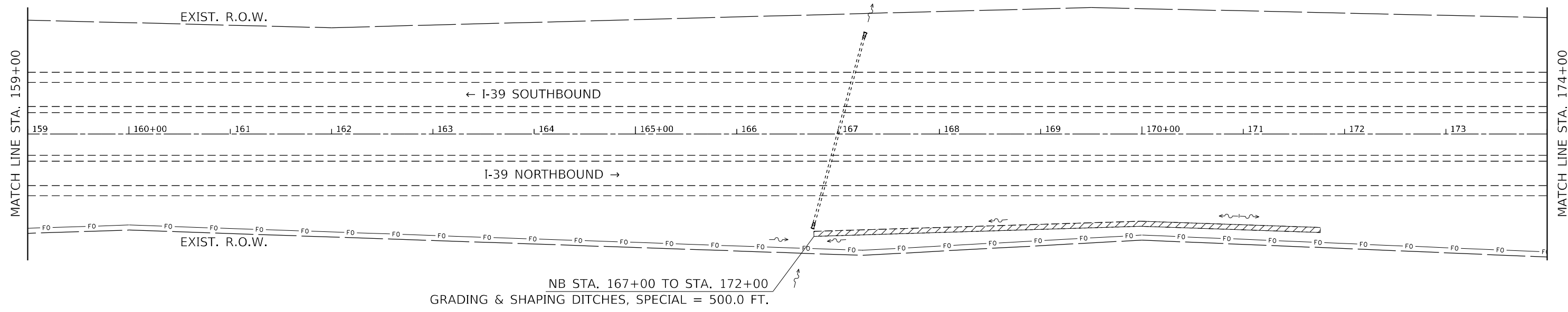
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	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

GENERAL PLAN				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

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



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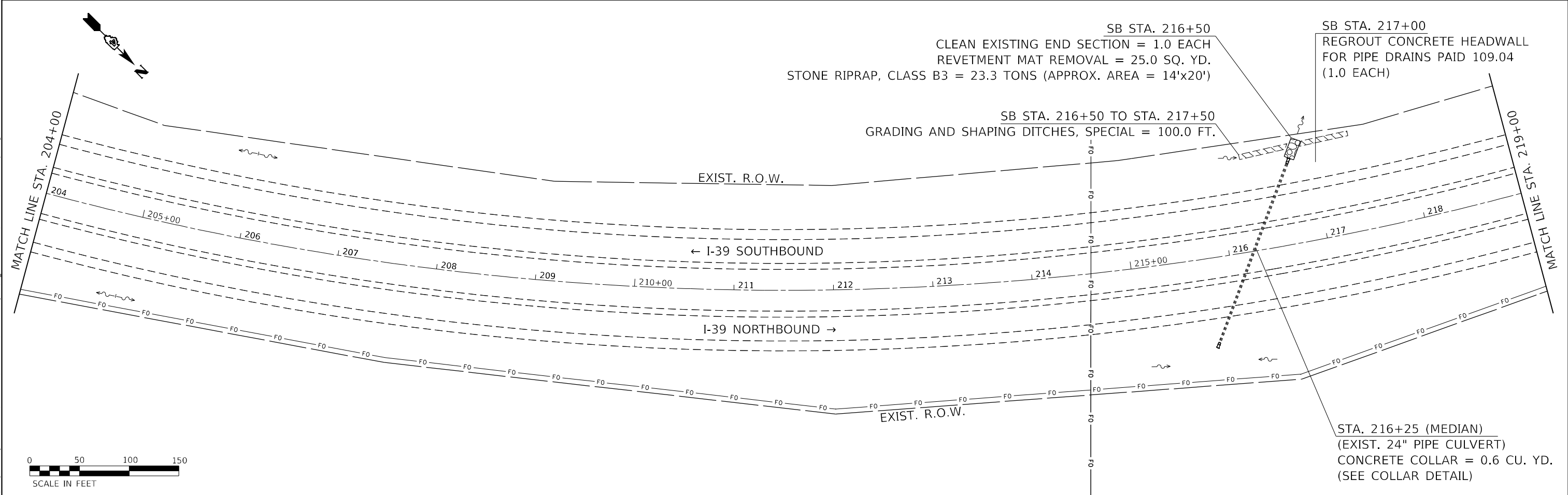
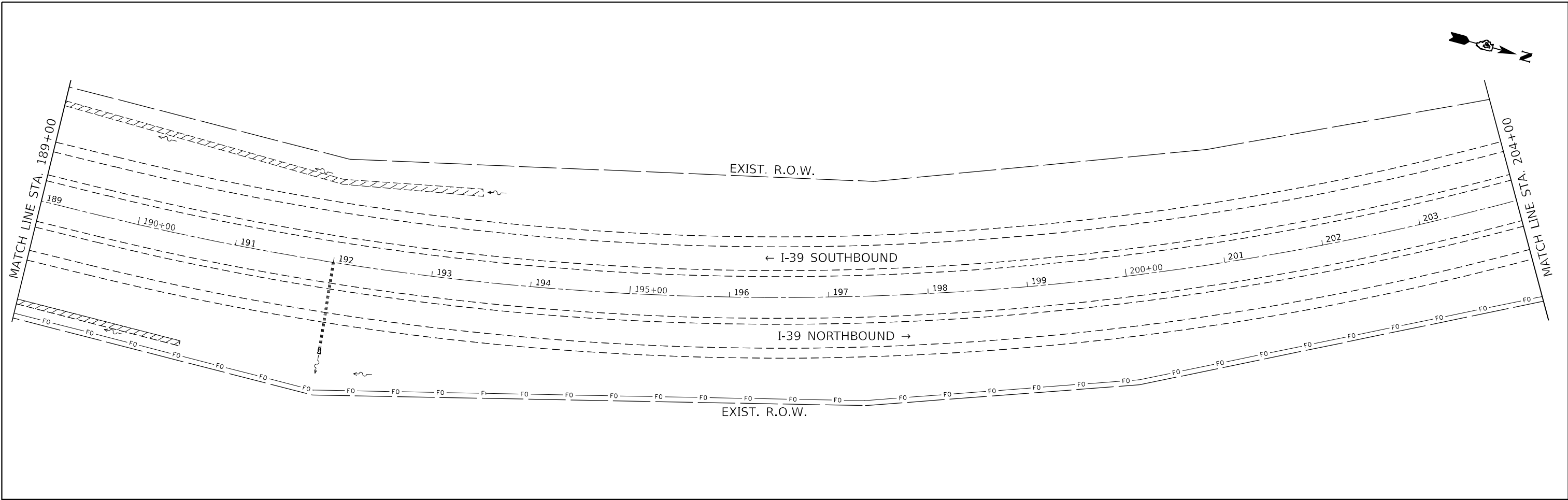
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL PLAN

SCALE: SHEET 2 OF 22 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	43
CONTRACT NO. 68F87				



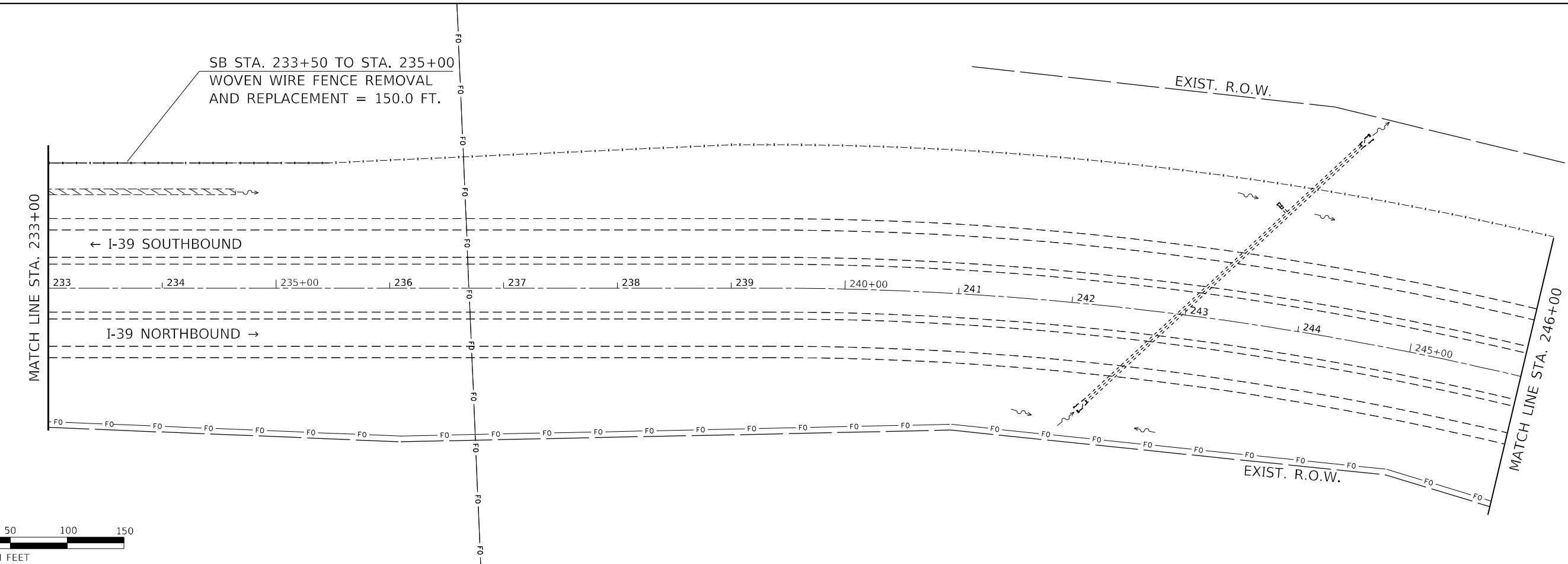
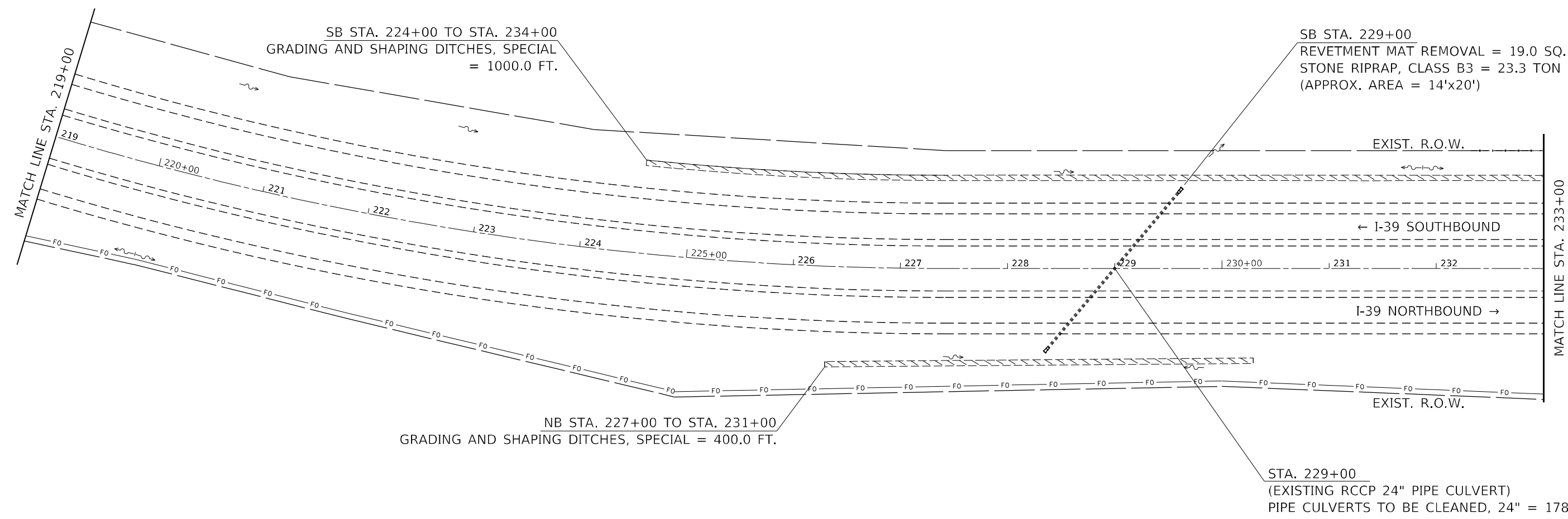
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	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

GENERAL PLAN			
SCALE:	SHEET 3	OF 22 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	44
CONTRACT NO. 68F87				



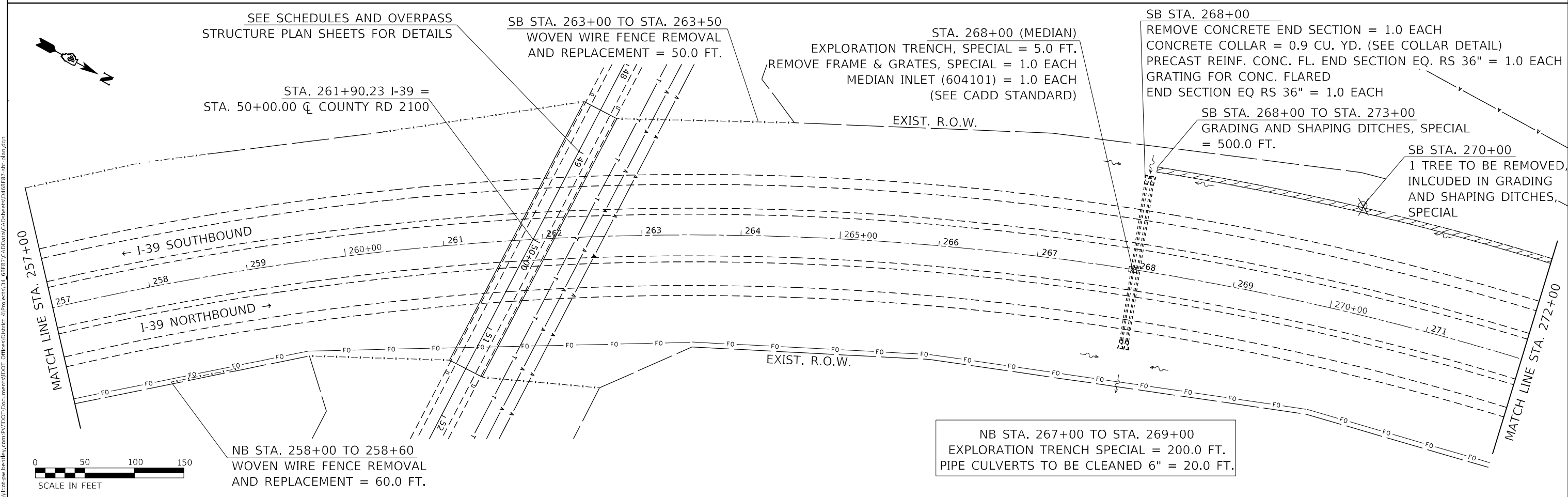
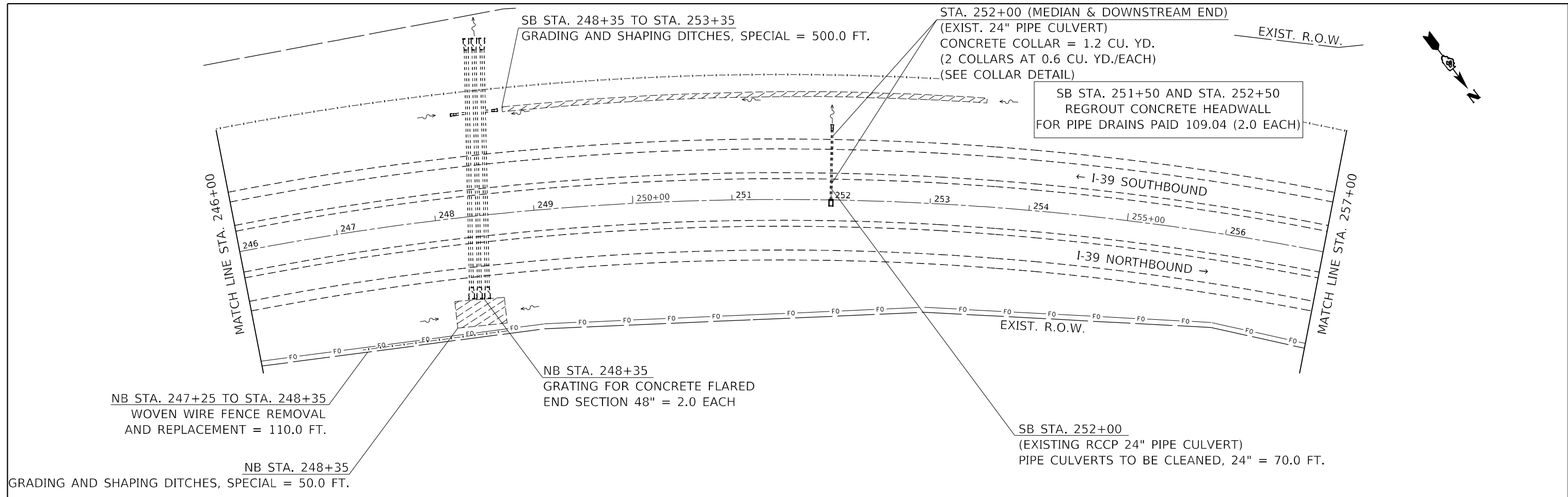
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN
 SCALE: SHEET 4 OF 22 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	45
CONTRACT NO. 68F87				



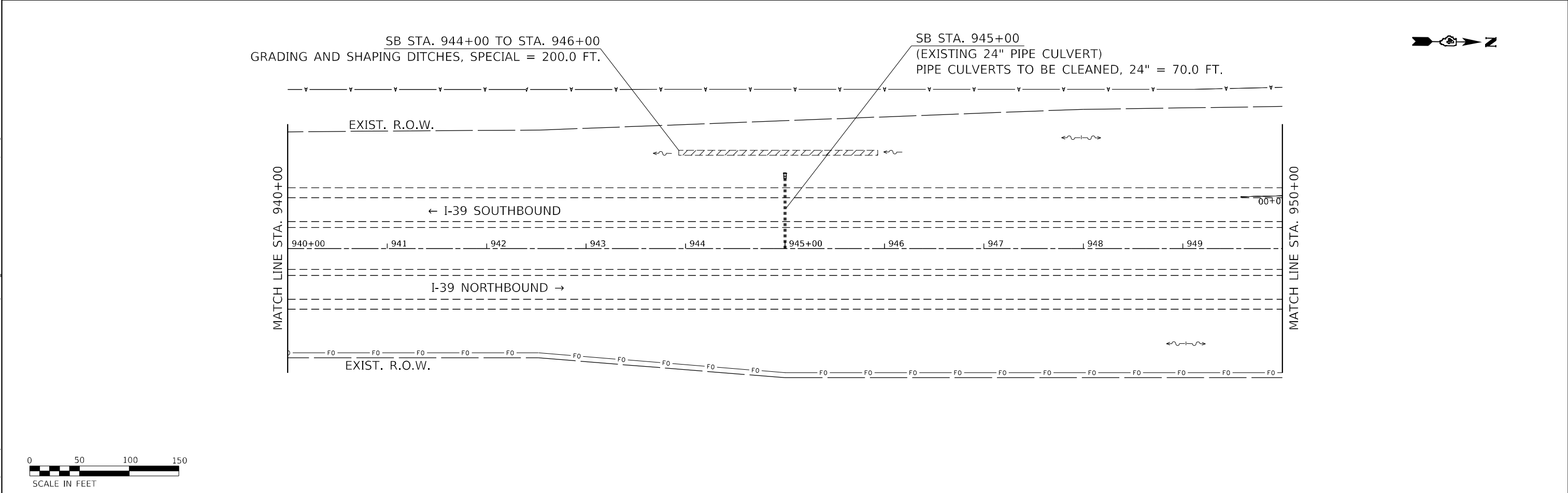
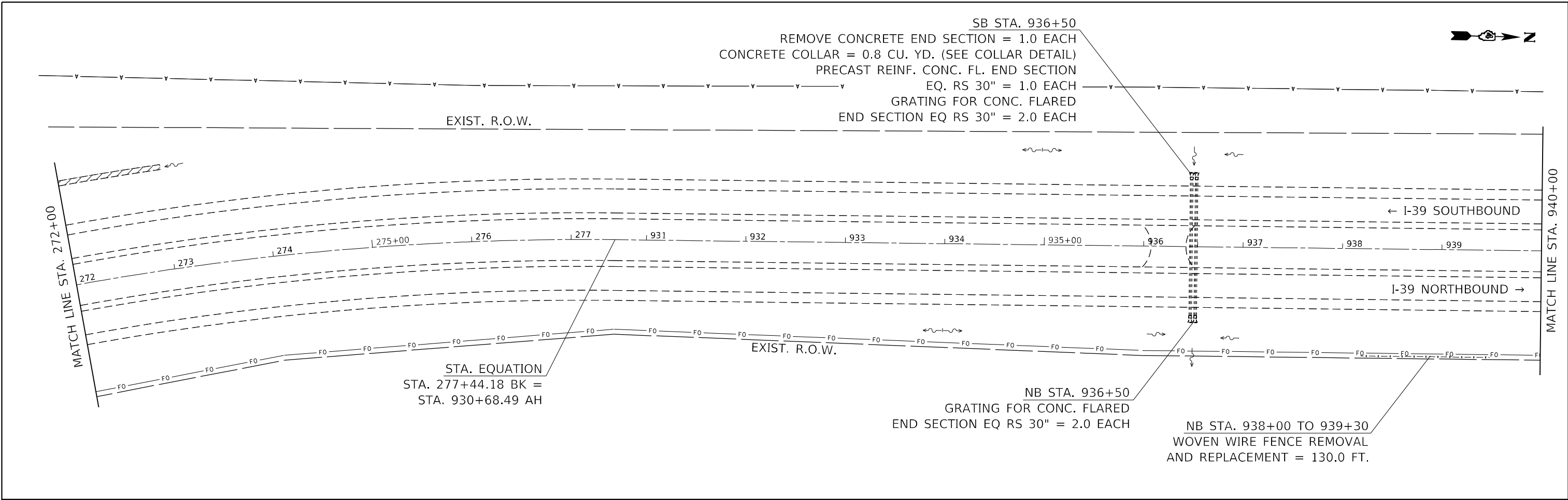
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL PLAN	
SCALE:	SHEET 5 OF 22 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	46
CONTRACT NO. 68F87				
ILLINOIS FED. AID PROJECT				



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PLOT DATE = 2/10/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

GENERAL PLAN			
SCALE:	SHEET 6	OF 22 SHEETS	STA. TO STA.

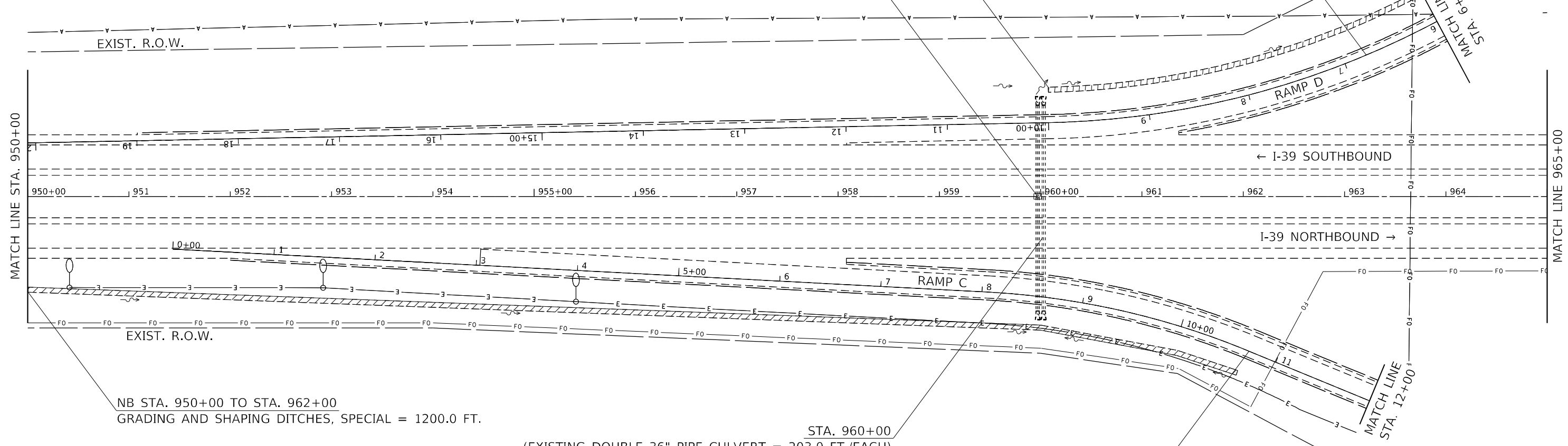
F.A.I. RTE. 39	SECTION *	COUNTY *	TOTAL SHEETS 114	SHEET NO. 47
			CONTRACT NO. 68F87	



SB STA. 960+00 TO RAMP D STA. 1+50
GRADING AND SHAPING DITCHES, SPECIAL = 800.0 FT.

STA. 960+00 (MEDIAN)
EXPLORATION TRENCH, SPECIAL = 5.0 FT.
REMOVE FRAME & GRATES, SPECIAL = 1.0 EACH
MEDIAN INLET (604101) = 1.0 EACH
(SEE CADD STANDARD)

SEE COUNTY HIGHWAY 2 RAMP
PLAN SHEET FOR DETAILS



NB STA. 950+00 TO STA. 962+00
GRADING AND SHAPING DITCHES, SPECIAL = 1200.0 FT.

STA. 960+00
(EXISTING DOUBLE 36" PIPE CULVERT = 203.0 FT./EACH)
PIPE CULVERTS TO BE CLEANED, 36" = 406.0 FT.

SEE COUNTY HIGHWAY 2 RAMP
PLAN SHEET FOR DETAILS



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL PLAN

SCALE: SHEET 7 OF 22 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	48
CONTRACT NO. 68F87				



RAMP A STA. 12+50
 GRADING AND SHAPING DITCHES, SPECIAL = 20.0 FT.
 STONE RIPRAP, CLASS B3 = 33.3 TON
 (APPROX. AREA = 20'x20')

RAMP A STA. 12+50
 (EXISTING TRIPLE 30" RCCP)
 CLEAN EXISTING END SECTION = 3.0 EACH

SEE COUNTY HIGHWAY 2 RAMP
 PLAN SHEET FOR DETAILS

STA. 969+09.65 I-39 =
 STA. 50+00.00 CO HIGHWAY 2

SEE SCHEDULES AND OVERPASS
 STRUCTURE PLAN SHEETS FOR DETAILS

MATCH LINE
 STA. 13+50

SB STA. 968+00
 GRADING AND SHAPING
 DITCHES, SPECIAL = 240.0 FT.
 STONE RIPRAP, CLASS B3 = 33.3 TON
 (APPROX. AREA = 20'x20')

STA. 967+50 TO STA. 968+50 (MEDIAN)
 GRADING AND SHAPING
 DITCHES, SPECIAL = 100.0 FT.
 (50' EACH SIDE OF MEDIAN INLET)

STA. 974+00 (MEDIAN)
 GRADING AND SHAPING
 DITCHES, SPECIAL = 50.0 FT.

MATCH LINE STA. 965+00

← I-39 SOUTHBOUND

I-39 NORTHBOUND →

MATCH LINE
 STA. 48+00

MATCH LINE
 STA. 51+50

MATCH LINE STA. 979+00

STA. 960+00
 (EXISTING DOUBLE 36" PIPE
 CULVERT = 136.0 FT./EACH)
 PIPE CULVERTS TO BE
 CLEANED, 36" = 272.0 FT

STA. 974+00
 (EXISTING DOUBLE 36" PIPE CULVERT = 153.0 FT./EACH)
 PIPE CULVERTS TO BE CLEANED, 36" = 306.0 FT.

MATCH LINE
 STA. 5+50

RAMP B

SEE COUNTY HIGHWAY 2 RAMP
 PLAN SHEET FOR DETAILS



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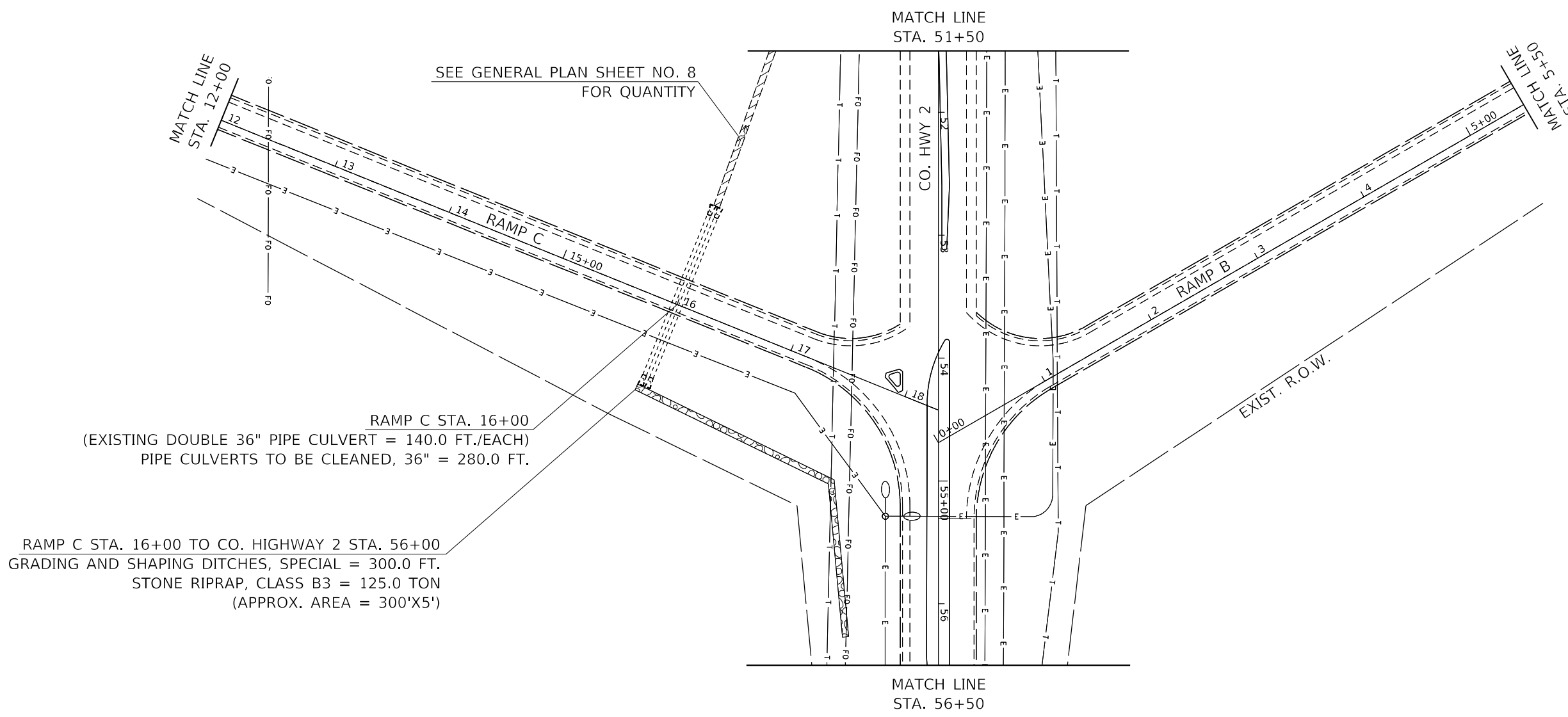
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PLOT DATE = 2/10/2022	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

GENERAL PLAN

SCALE: SHEET 8 OF 22 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	49
CONTRACT NO. 68F87				



RAMP C STA. 16+00
 (EXISTING DOUBLE 36" PIPE CULVERT = 140.0 FT./EACH)
 PIPE CULVERTS TO BE CLEANED, 36" = 280.0 FT.

RAMP C STA. 16+00 TO CO. HIGHWAY 2 STA. 56+00
 GRADING AND SHAPING DITCHES, SPECIAL = 300.0 FT.
 STONE RIPRAP, CLASS B3 = 125.0 TON
 (APPROX. AREA = 300'X5')

SEE GENERAL PLAN SHEET NO. 8
 FOR QUANTITY



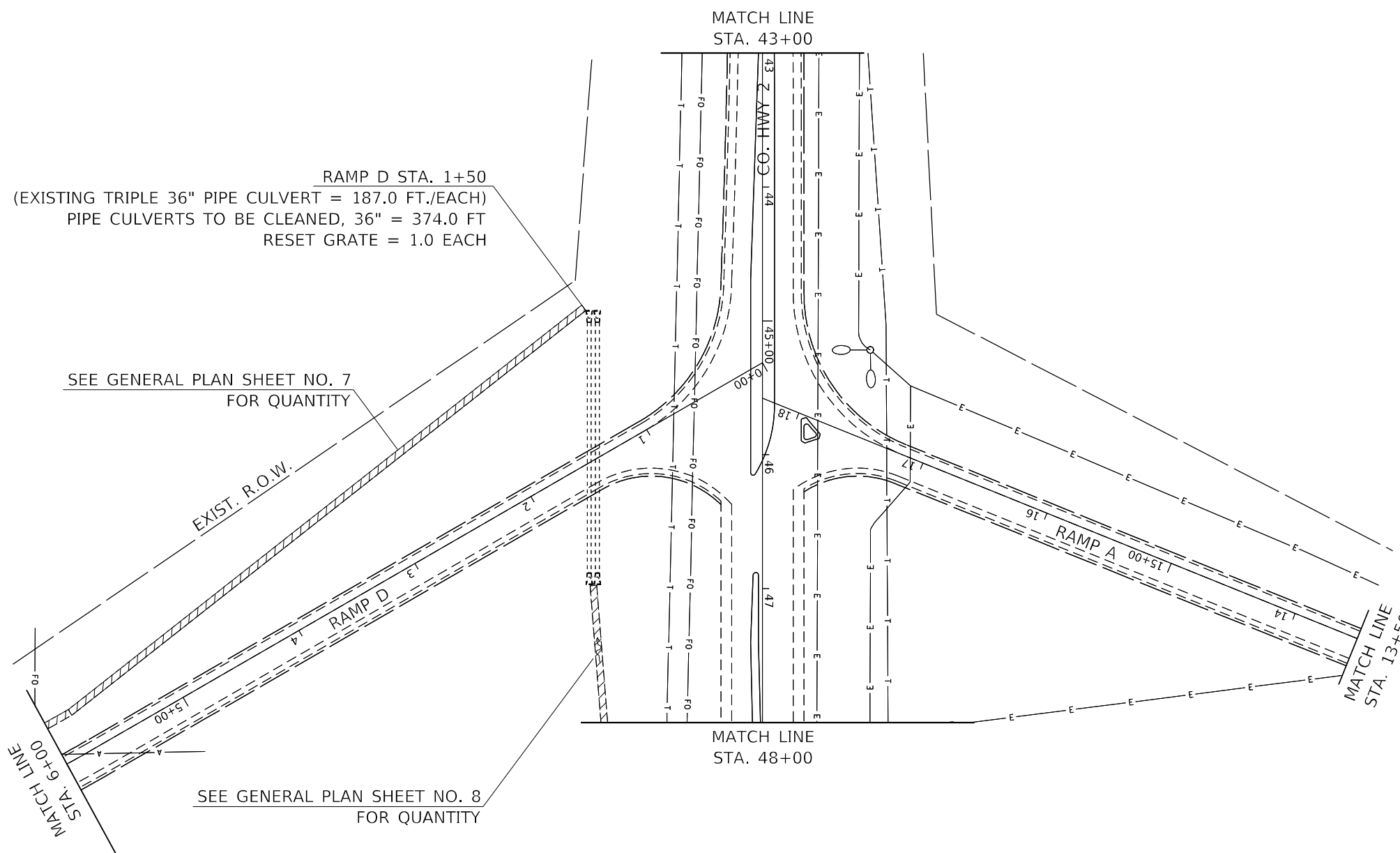
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PLOT DATE = 2/10/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

GENERAL PLAN			
SCALE:	SHEET 9	OF 22 SHEETS	STA. TO STA.

F.A.I. RTE.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	50
CONTRACT NO. 68F87				



RAMP D STA. 1+50
 (EXISTING TRIPLE 36" PIPE CULVERT = 187.0 FT./EACH)
 PIPE CULVERTS TO BE CLEANED, 36" = 374.0 FT
 RESET GRATE = 1.0 EACH

SEE GENERAL PLAN SHEET NO. 7
 FOR QUANTITY

SEE GENERAL PLAN SHEET NO. 8
 FOR QUANTITY



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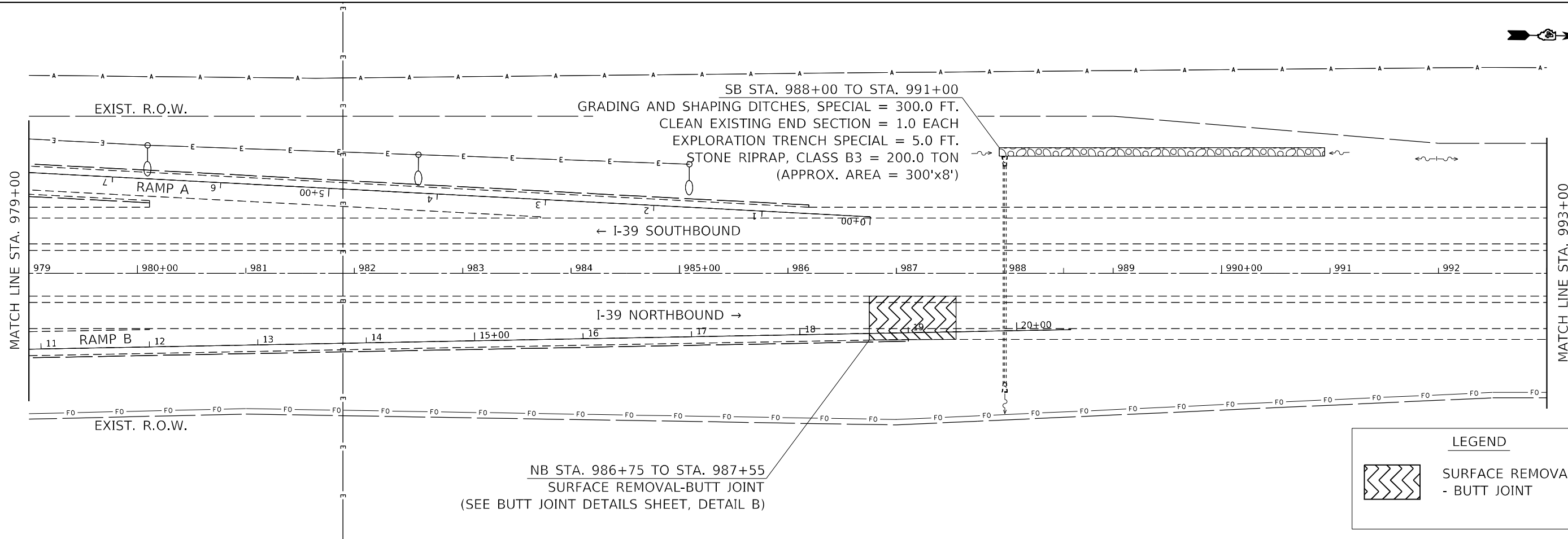
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

GENERAL PLAN

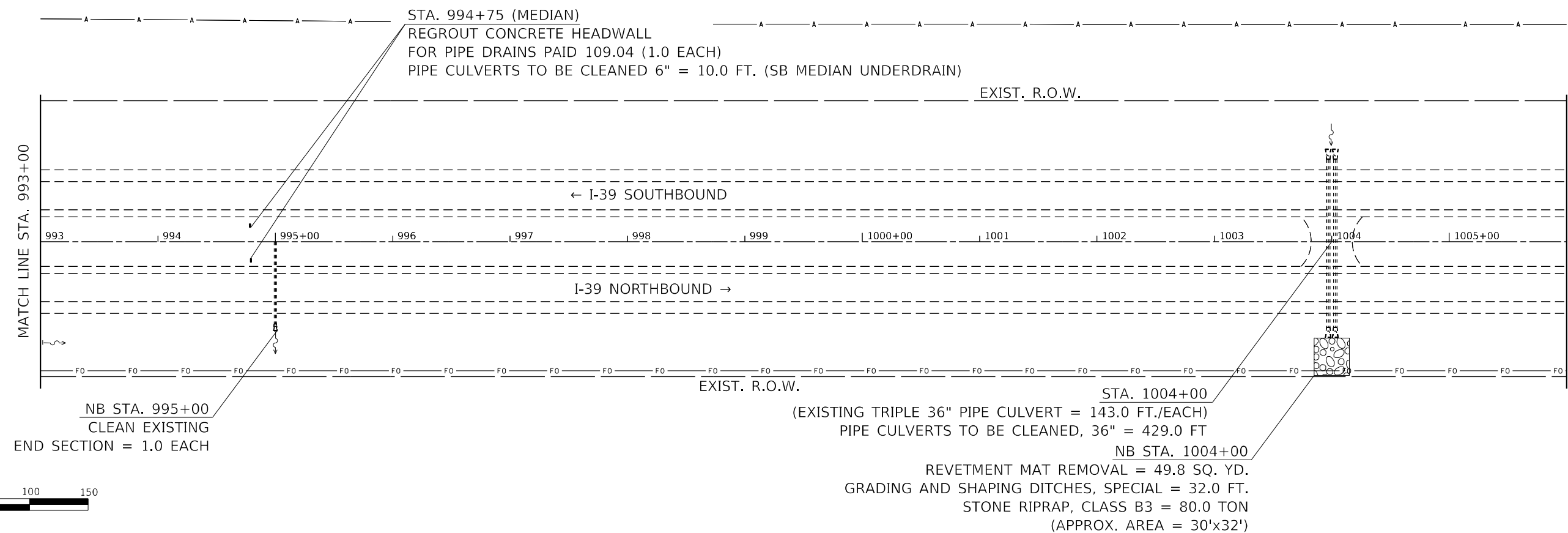
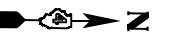
SCALE: SHEET 10 OF 22 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	51
CONTRACT NO. 68F87				



LEGEND

SURFACE REMOVAL
 - BUTT JOINT



USER NAME = \$USERS	DESIGNED -	REVISED -
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	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

GENERAL PLAN

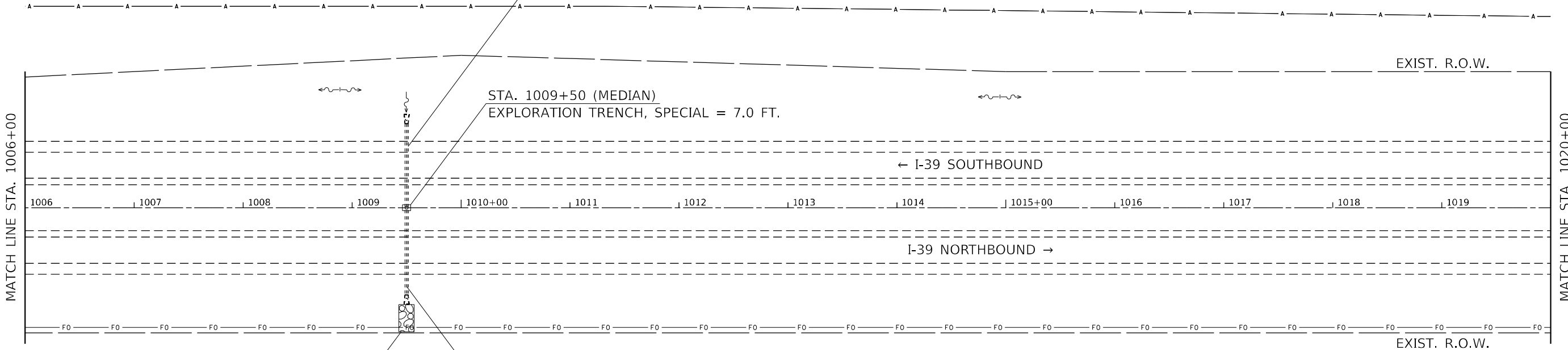
SCALE: SHEET 11 OF 22 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	52
CONTRACT NO. 68F87				

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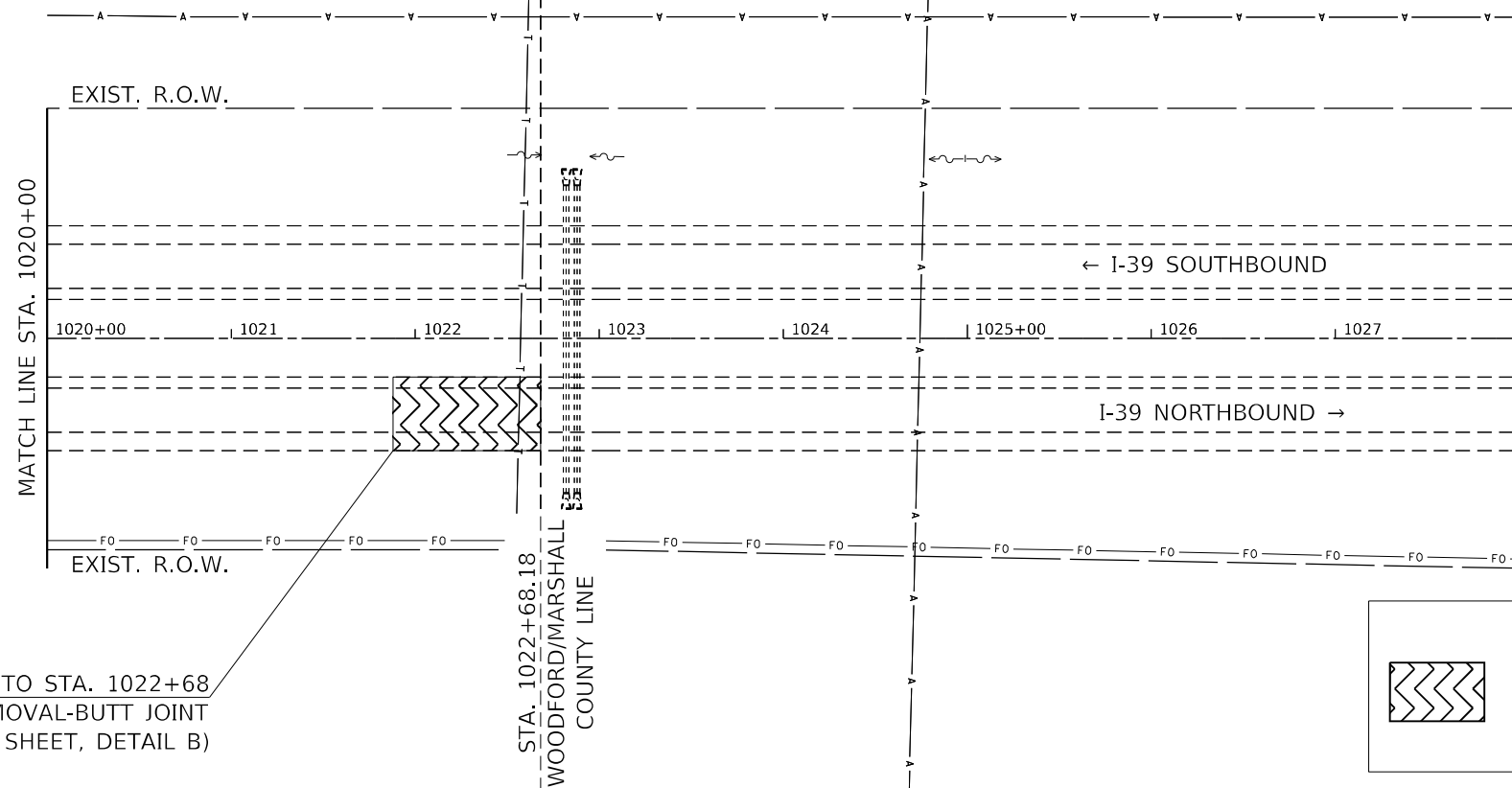


STA. 1009+50
PIPE CULVERTS TO BE CLEANED, 36" = 151.0 FT



NB STA. 1009+50
REVTMENT MAT REMOVAL = 21.8 SQ. YD.
GRADING AND SHAPING DITCHES, SPECIAL = 20.0 FT.
STONE RIPRAP, CLASS B3 = 29.2 TON
(APPROX. AREA = 14'x25')

NB STA. 1009+50
(EXIST. 36" PIPE CULVERT)
CONCRETE COLLAR = 0.9 CU. YD.
(SEE COLLAR DETAIL)



NB STA. 1021+88 TO STA. 1022+68
SURFACE REMOVAL-BUTT JOINT
(SEE BUTT JOINT DETAILS SHEET, DETAIL B)

LEGEND

	SURFACE REMOVAL - BUTT JOINT
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL PLAN

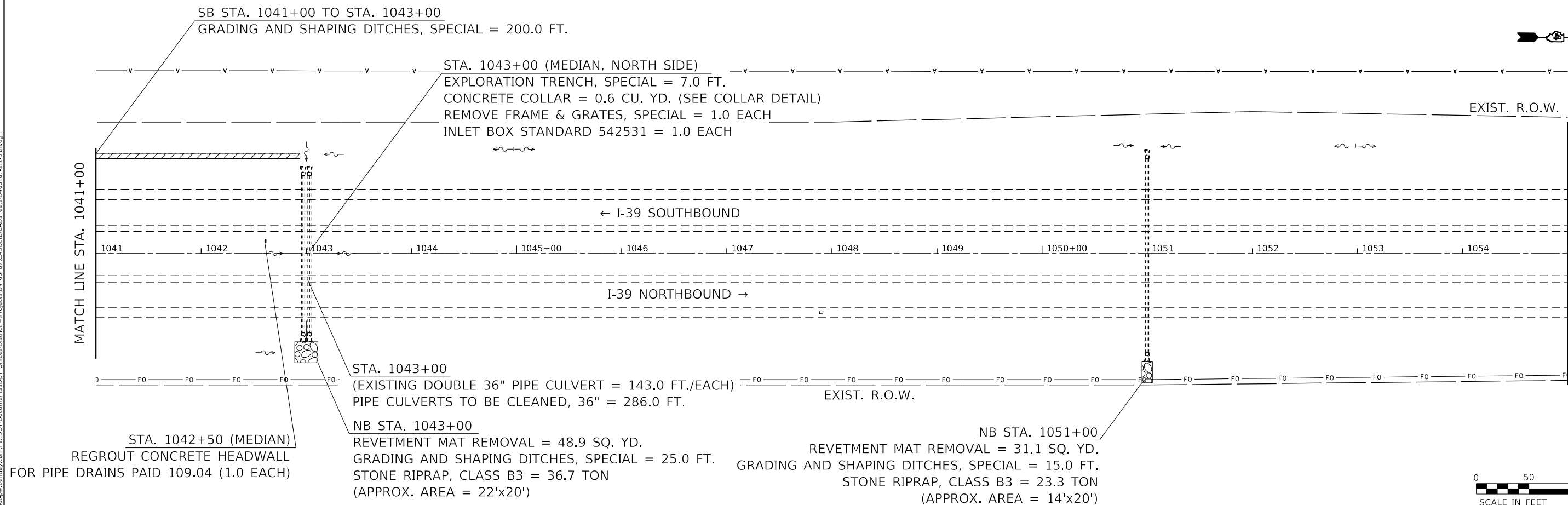
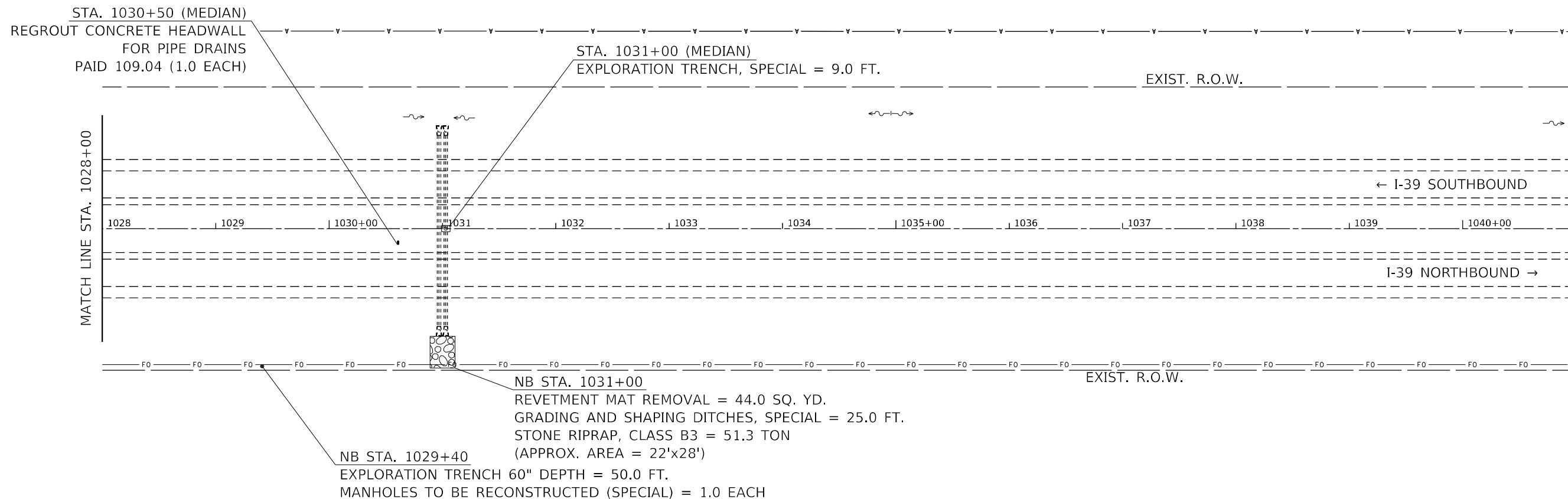
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	53

CONTRACT NO. 68F87

102(3RS-2.4RS)(62-2)RS-1

MARSHALL, WOODFORD



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

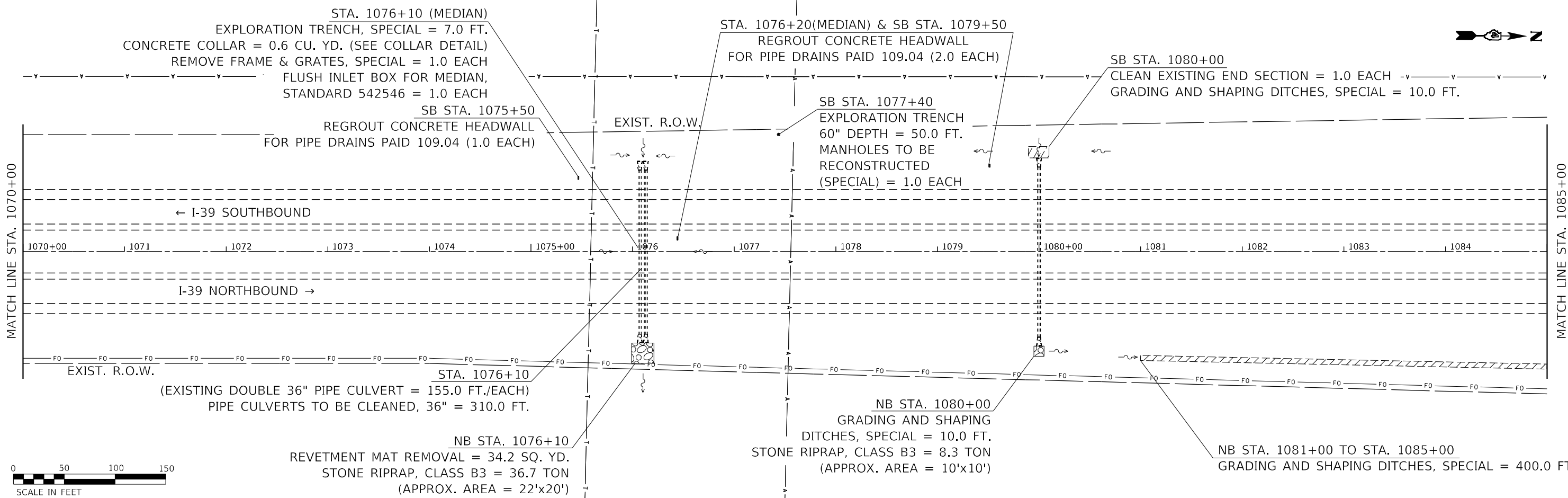
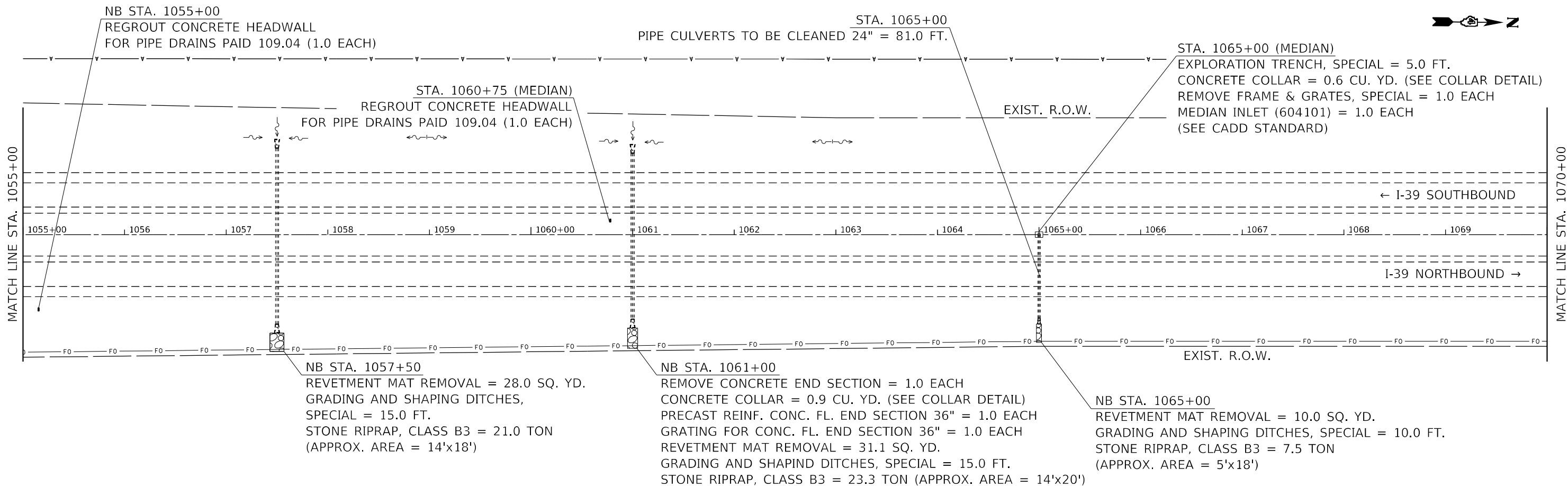
GENERAL PLAN

SCALE: SHEET 13 OF 22 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*		114	54
CONTRACT NO. 68F87				

102(3RS-2.4RS)(62-2)RS-1

MARSHALL, WOODFORD



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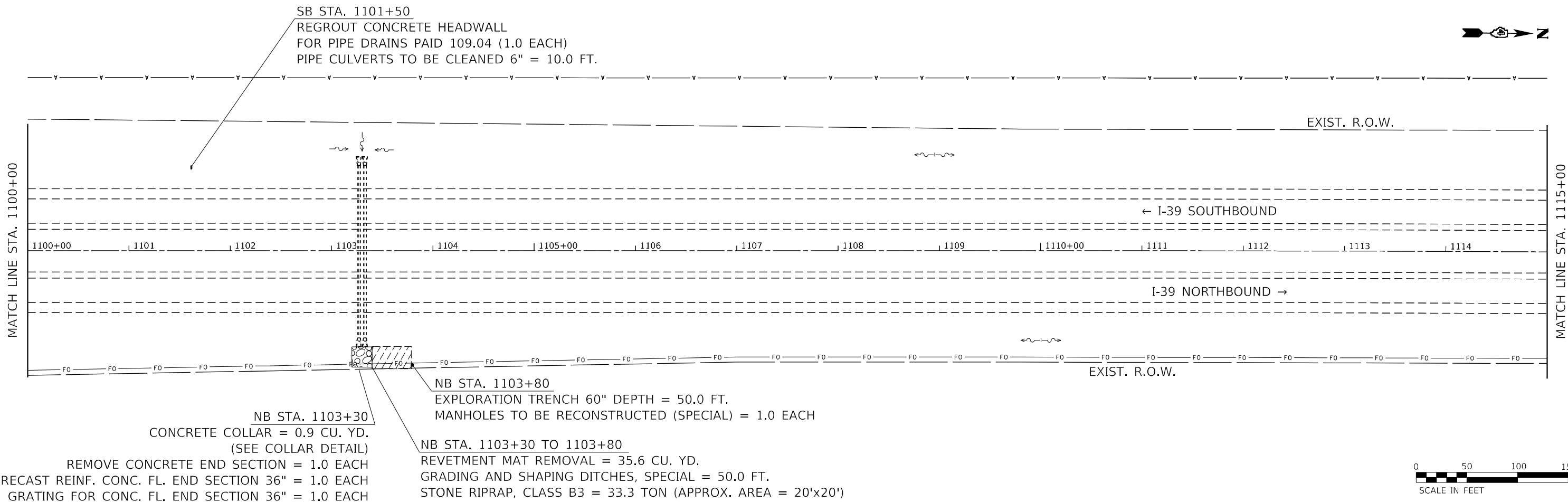
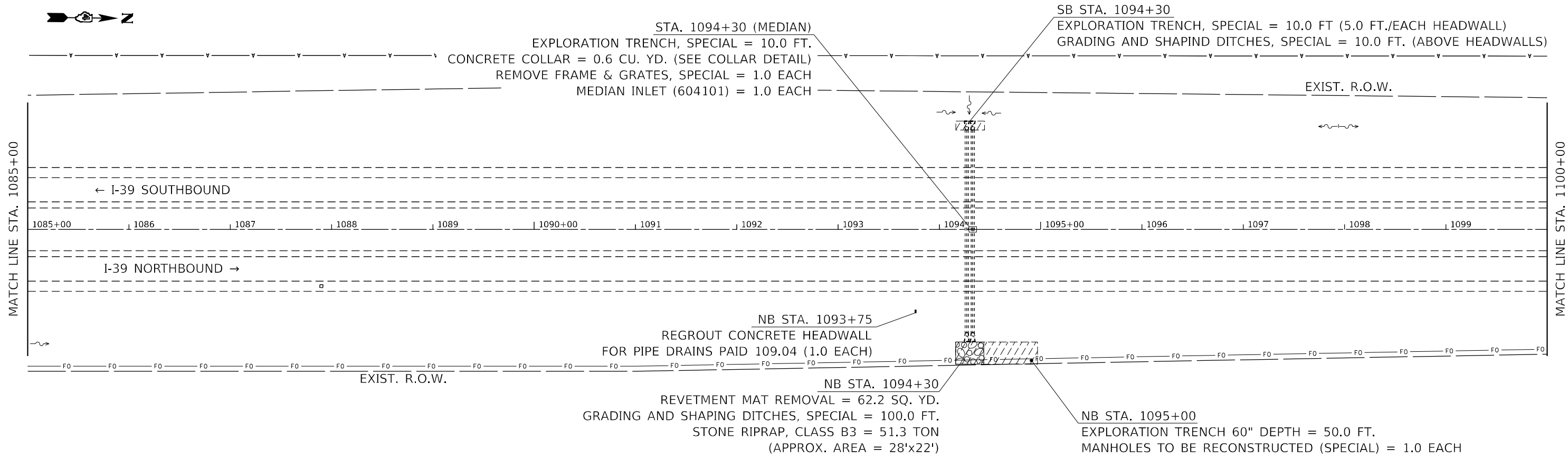
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN

SCALE: SHEET 14 OF 22 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	55
CONTRACT NO. 68F87				

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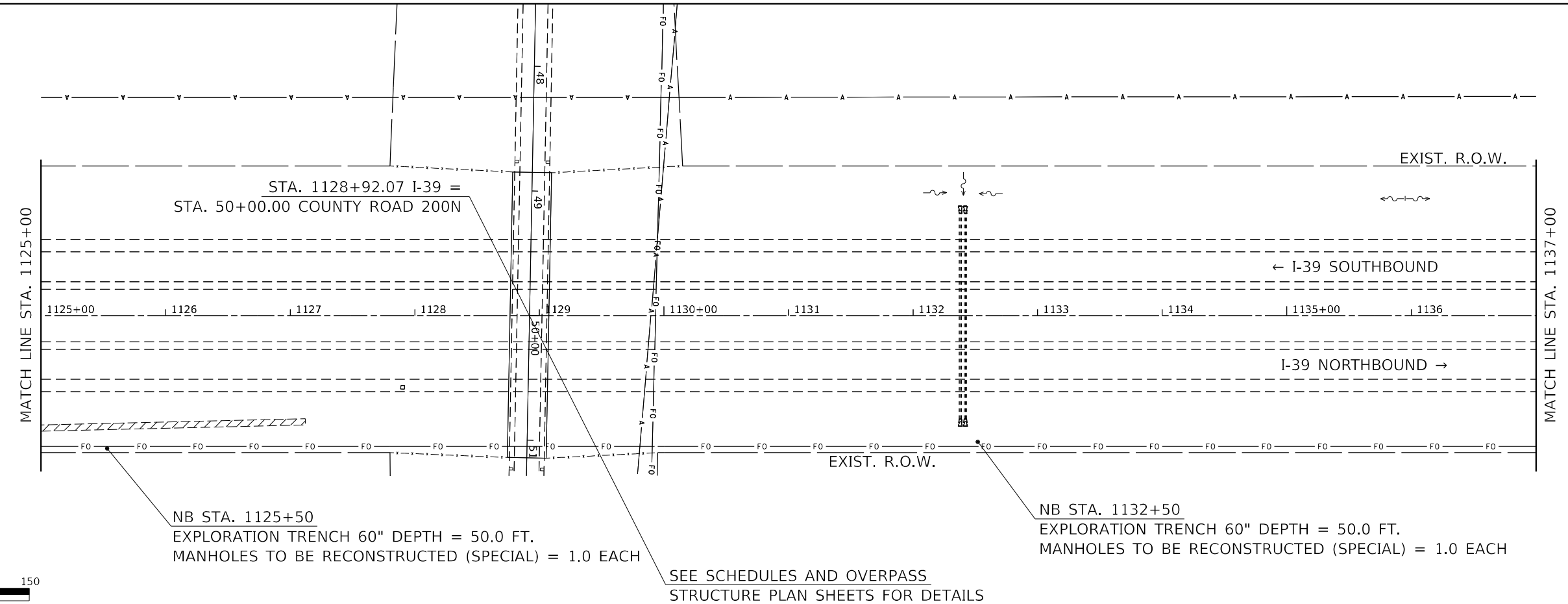
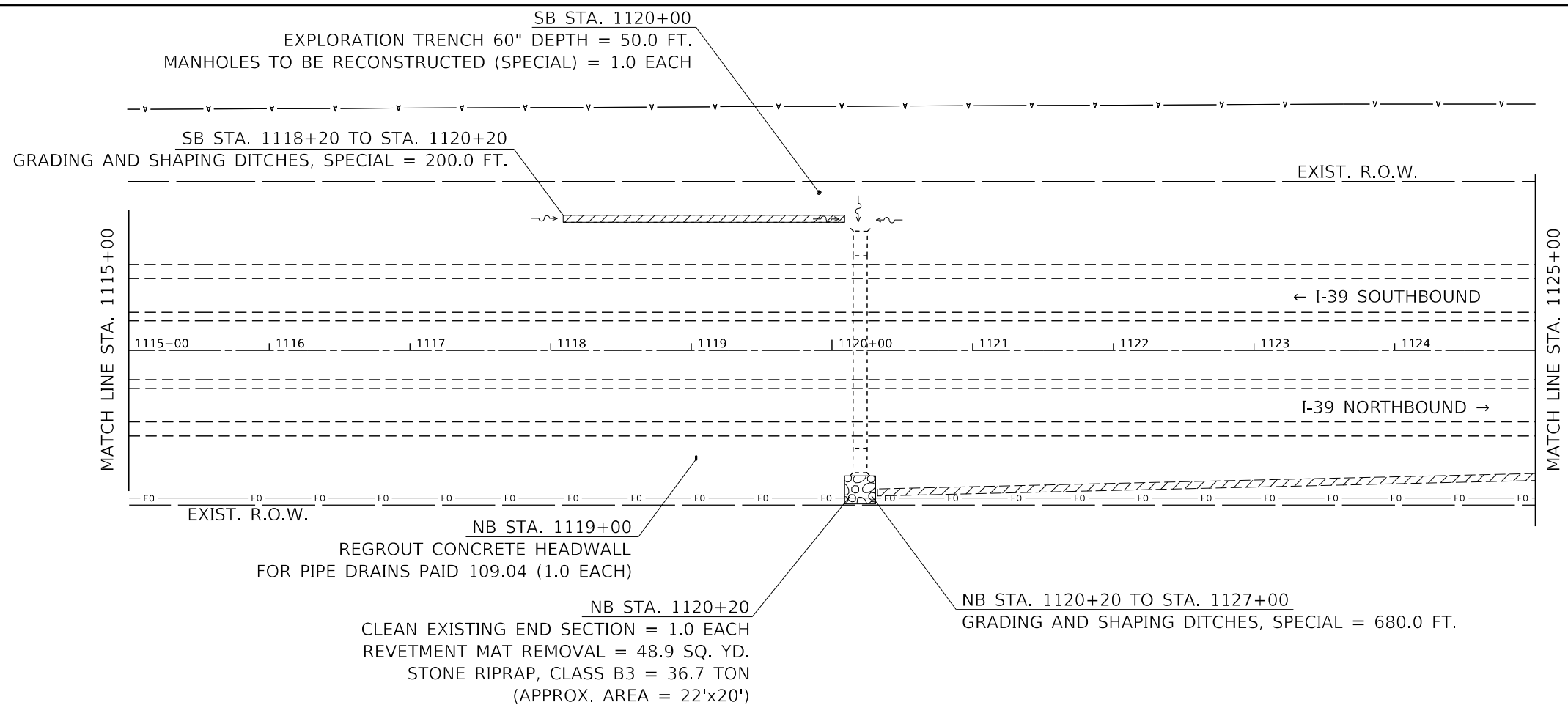
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL PLAN

SCALE: SHEET 15 OF 22 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	56
CONTRACT NO. 68F87				



SEE SCHEDULES AND OVERPASS
STRUCTURE PLAN SHEETS FOR DETAILS

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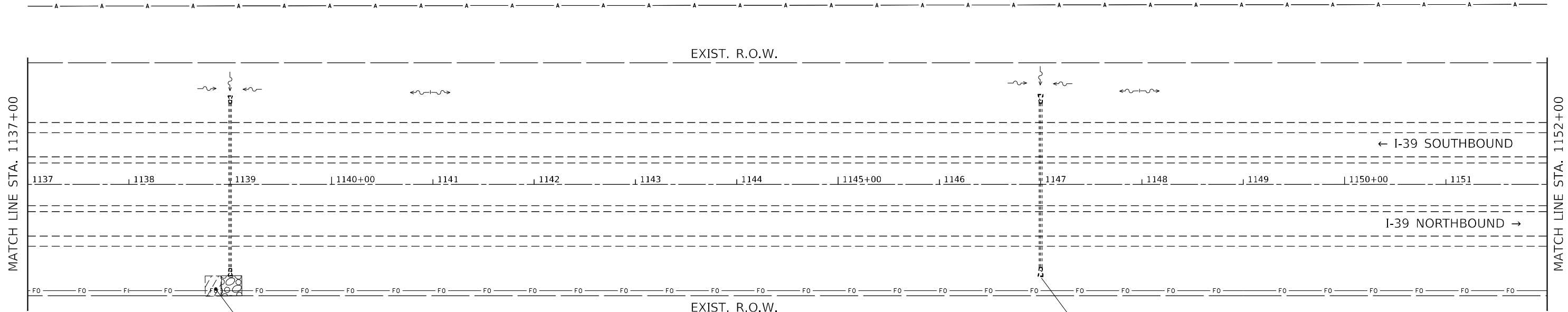
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL PLAN

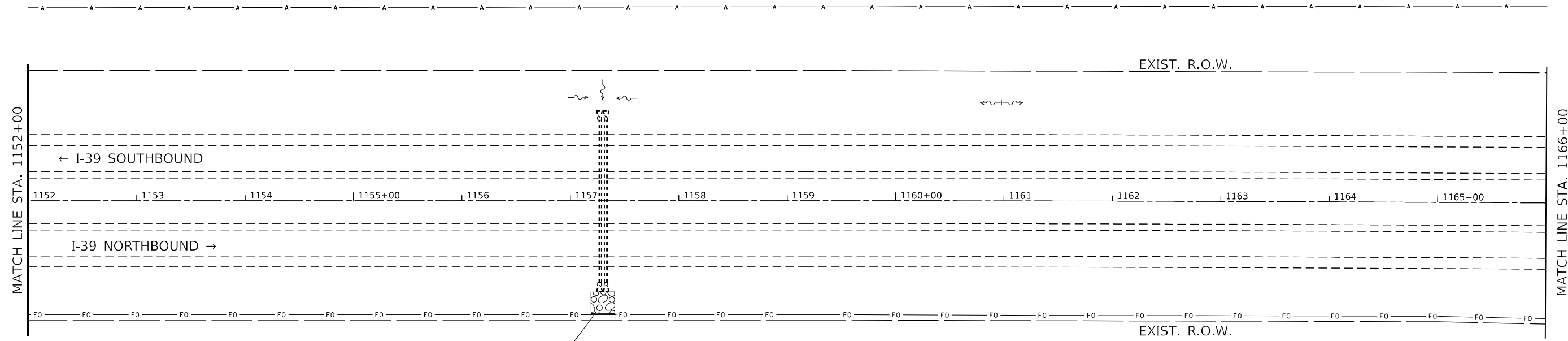
SCALE: SHEET 16 OF 22 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	57
CONTRACT NO. 68F87				



NB STA. 1138+85 TO STA. 1139+00
 REVETMENT MAT REMOVAL = 11.1 SQ. YD.
 GRADING AND SHAPING DITCHES, SPECIAL = 15.0 FT.
 STONE RIPRAP, CLASS B3 = 5.3 TON
 EXPLORATION TRENCH 60" DEPTH = 50.0 FT.
 MAHOLES TO BE RECONSTRUCTED (SPECIAL) = 1.0 EACH

NB STA. 1147+00
 CLEAN EXISTING END SECTION = 1.0 EACH



NB STA. 1157+30
 CLEAN EXISTING END SECTION = 2.0 EACH
 REVETMENT MAT REMOVAL = 44.0 SQ. YD.
 STONE RIPRAP, CLASS B3 = 36.7 TON
 (APPROX. AREA = 22'x20')



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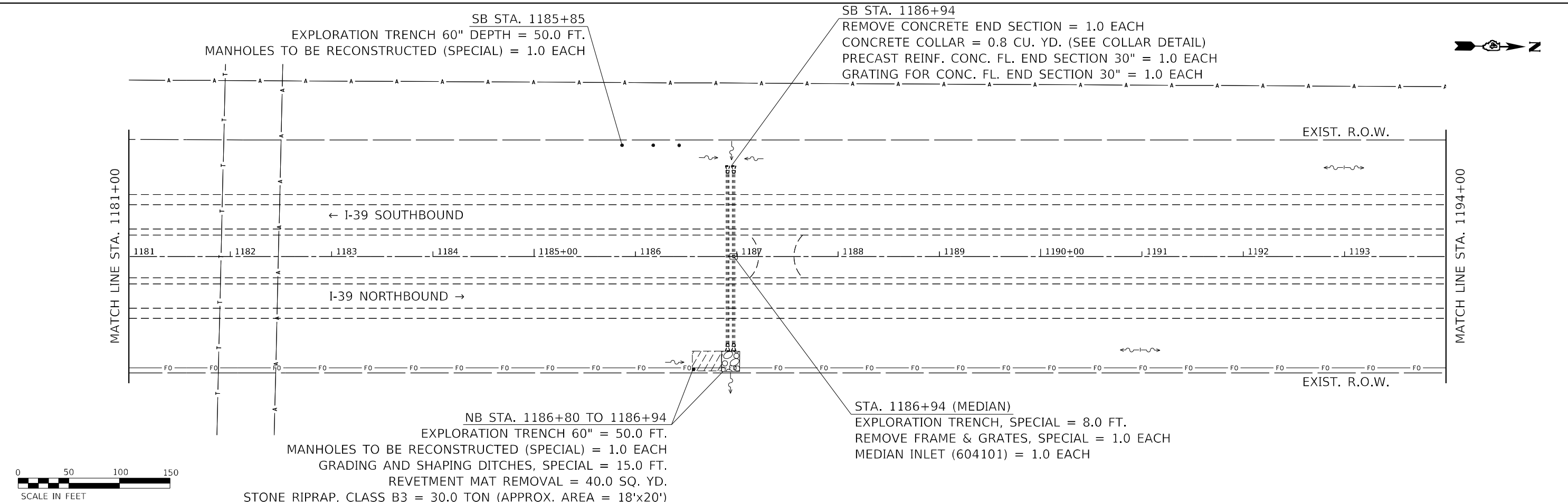
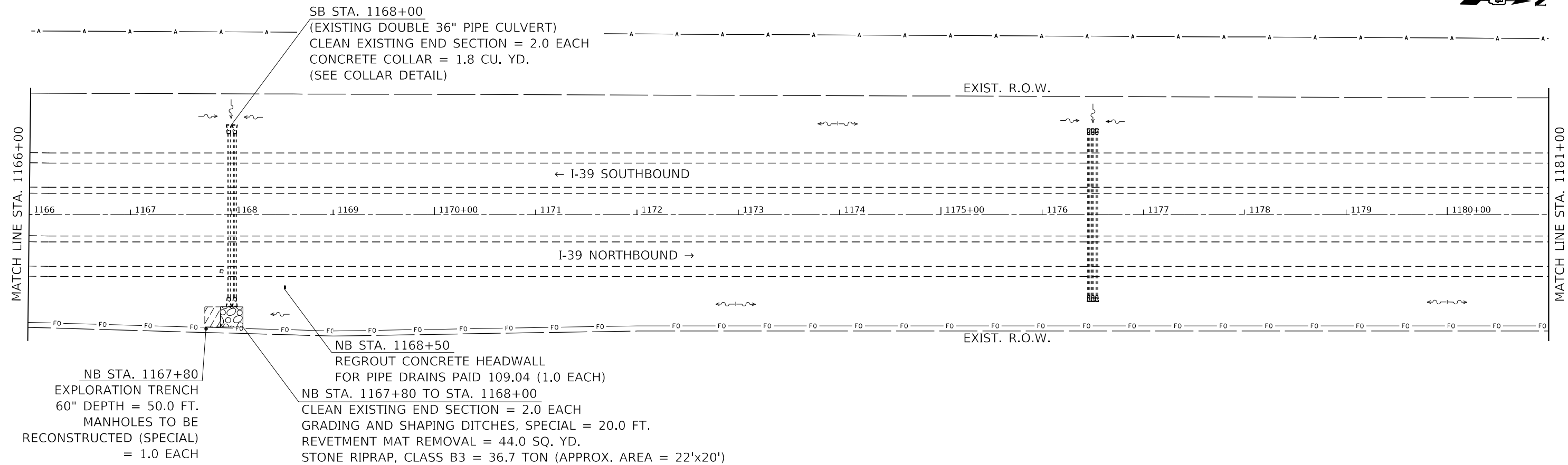
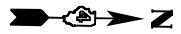
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

GENERAL PLAN

SCALE: SHEET 17 OF 22 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	58
CONTRACT NO. 68F87				



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL PLAN

SCALE: SHEET 18 OF 22 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	59
CONTRACT NO. 68F87				

SB STA. 1203+80
EXPLORATION TRENCH, SPECIAL = 50.0 FT.
MANHOLES TO BE RECONSTRUCTED (SPECIAL) = 1.0 EACH

STA. 1195+25 (UNDERDRAIN)
EXPLORATION TRENCH, SPECIAL = 4.0 FT.

NB STA. 1204+20
EXPLORATION TRENCH 60" DEPTH = 50.0 FT.
MANHOLES TO BE RECONSTRUCTED (SPECIAL) = 1.0 EACH

NB STA. 1195+50
CLEAN EXISTING END SECTION = 1.0 EACH
GRADING AND SHAPING DITCHES, SPECIAL = 10.0 FT.
STONE RIPRAP, CLASS B3 = 4.2 TON
(APPROX. AREA = 5'x10')

NB STA. 1204+00 TO STA. 1218+00
CLEAN EXISTING END SECTION = 2.0 EACH
GRADING AND SHAPING DITCHES, SPECIAL = 1400.0 FT.
REVTMENT MAT REMOVAL = 44.0 SQ. YD.
STONE RIPRAP, CLASS B3 = 33.0 TON
(APPROX. AREA = 18'x22')

NB STA. 1208+25 TO STA. 1213+00
7 TREES TO BE REMOVED, INCLUDED IN
GRADING AND SHAPING DITCHES, SPECIAL

MATCH LINE STA. 1194+00

MATCH LINE STA. 1209+00

EXIST. R.O.W.

← I-39 SOUTHBOUND

I-39 NORTHBOUND →

EXIST. R.O.W.



EXIST. R.O.W.

← I-39 SOUTHBOUND

I-39 NORTHBOUND →

EXIST. R.O.W.

NB STA. 1215+50
CLEAN EXISTING END SECTION = 1.0 EACH
STONE RIPRAP, CLASS B3 = 16.7 TON
(APPROX. AREA = 10'x20')



MATCH LINE STA. 1209+00

MATCH LINE STA. 1224+00



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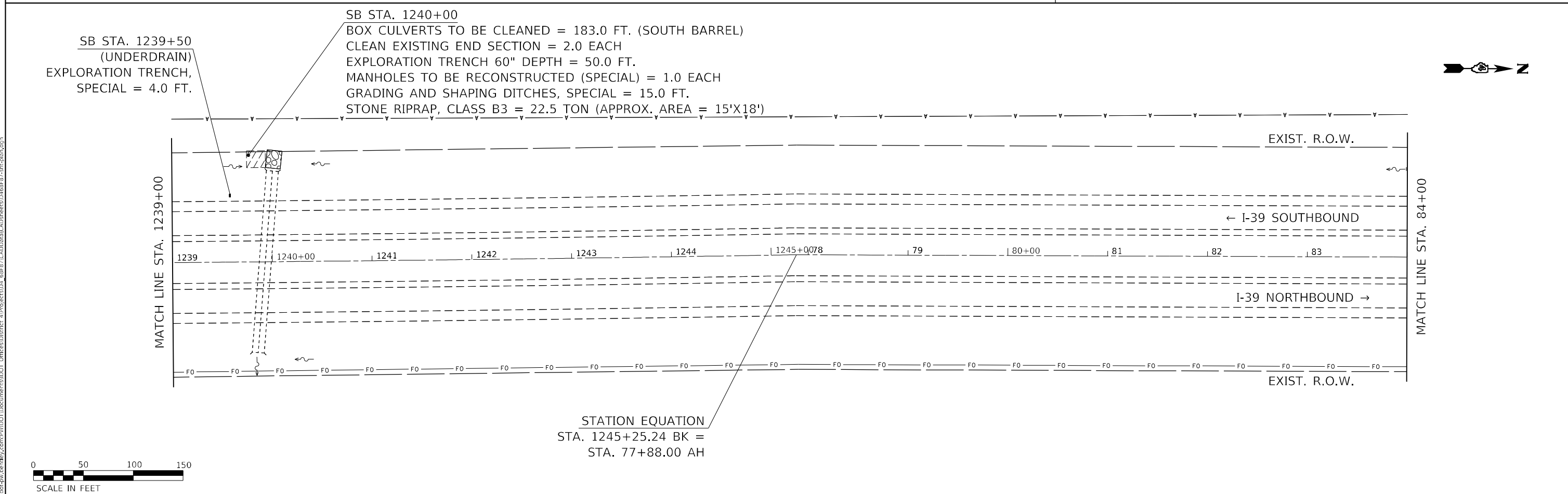
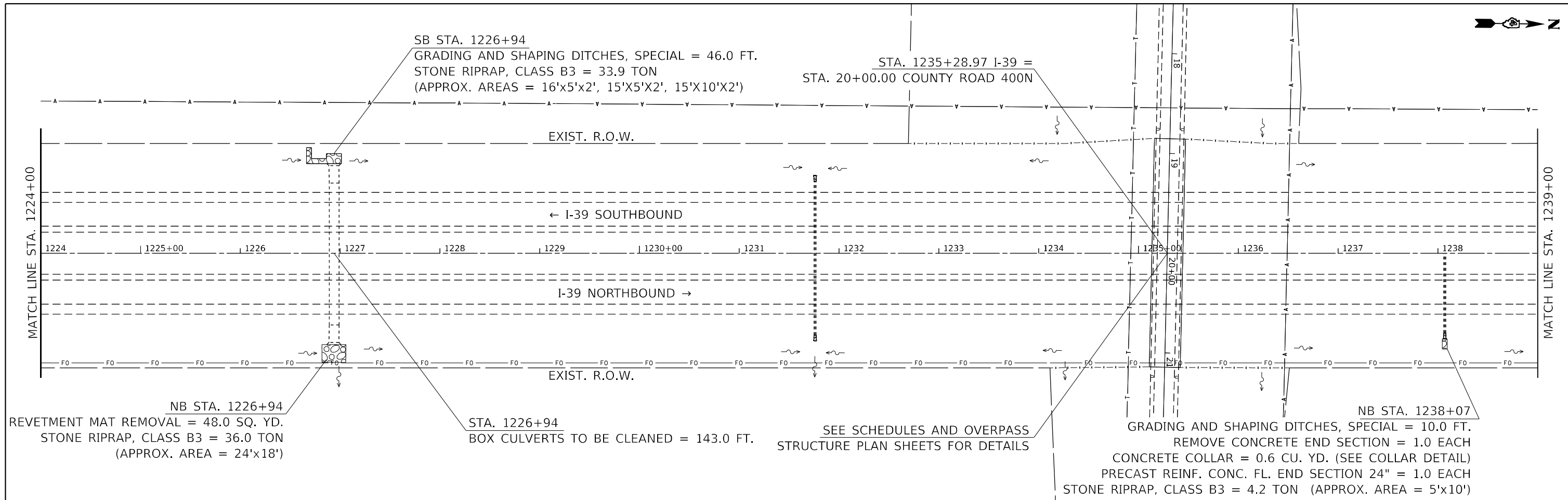
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL PLAN

SCALE: SHEET 19 OF 22 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	60
			CONTRACT NO. 68F87	



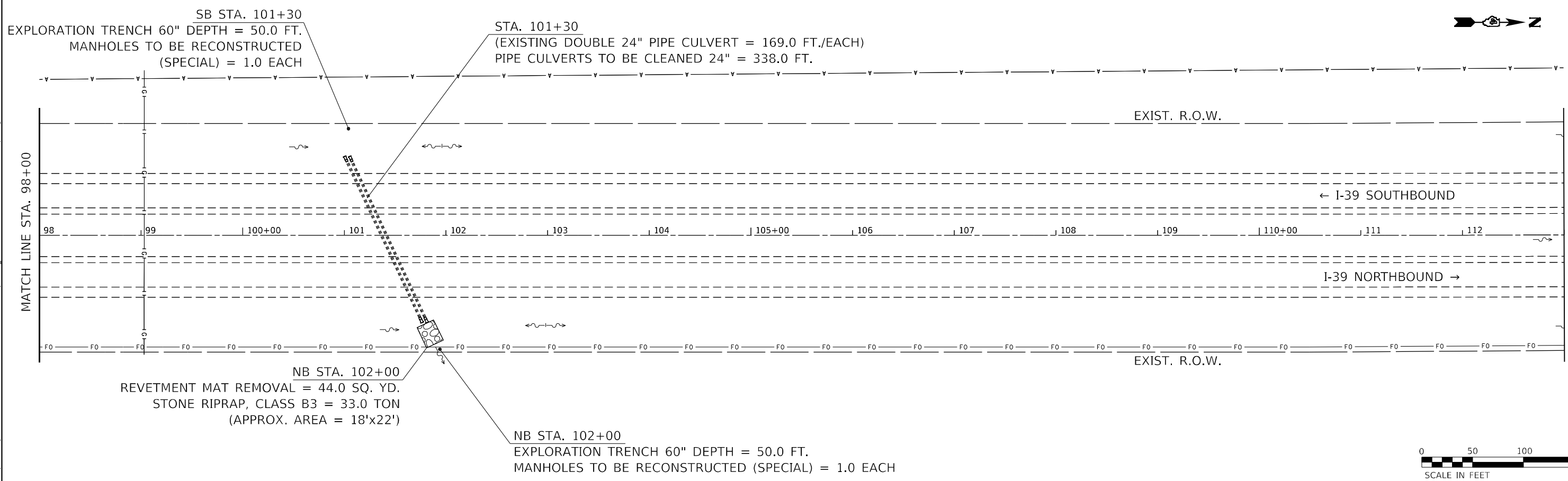
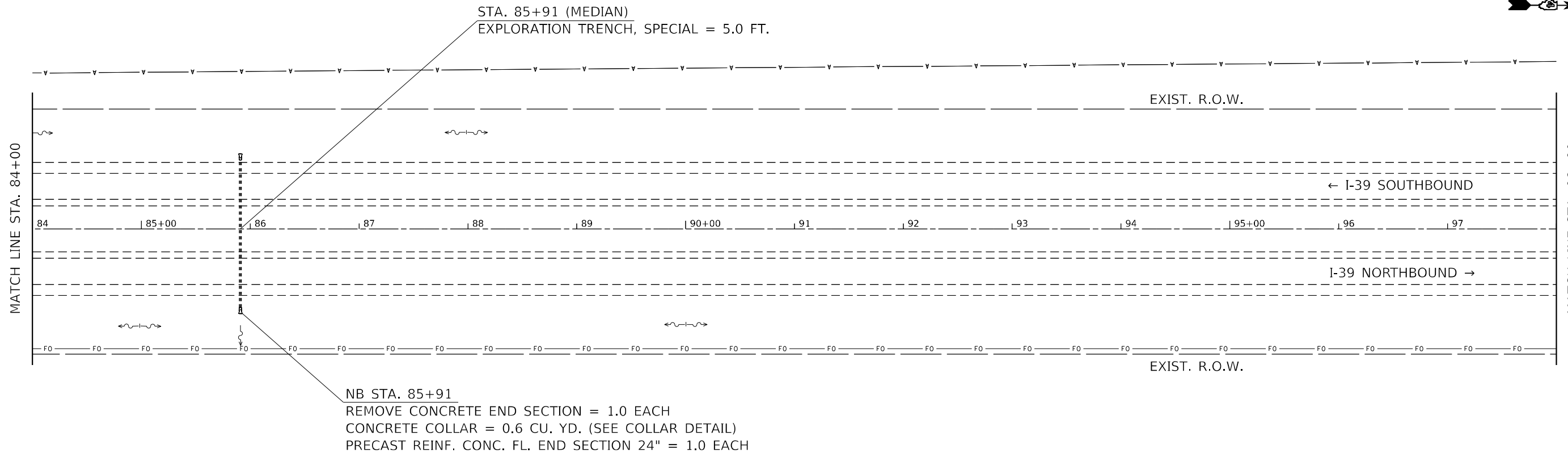
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PLOT DATE = 2/10/2022	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN			
SCALE:	SHEET 20	OF 22 SHEETS	STA. TO STA.

F.A.I. RTE. 39	SECTION *	COUNTY *	TOTAL SHEETS 114	SHEET NO. 61
CONTRACT NO. 68F87				



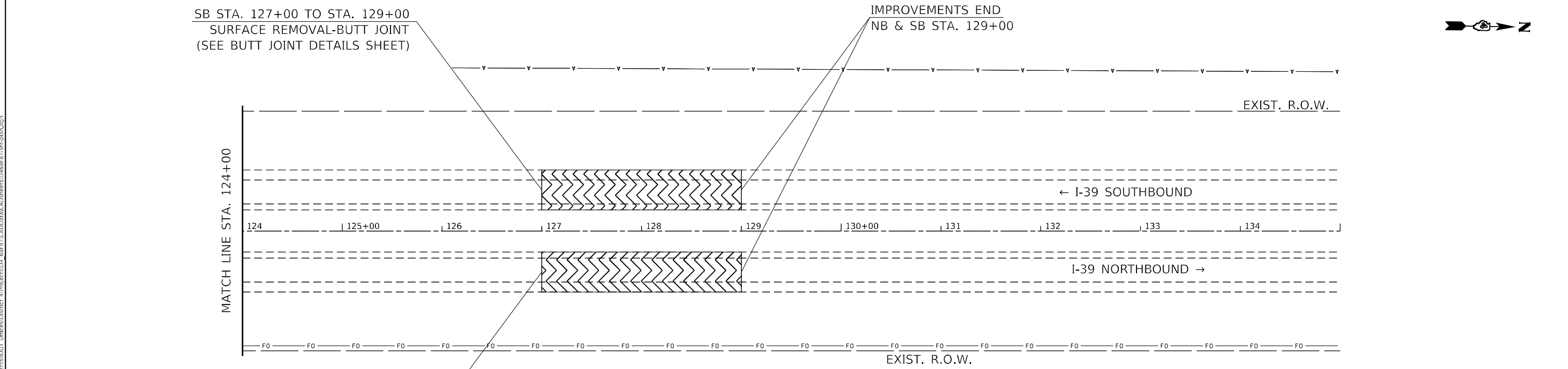
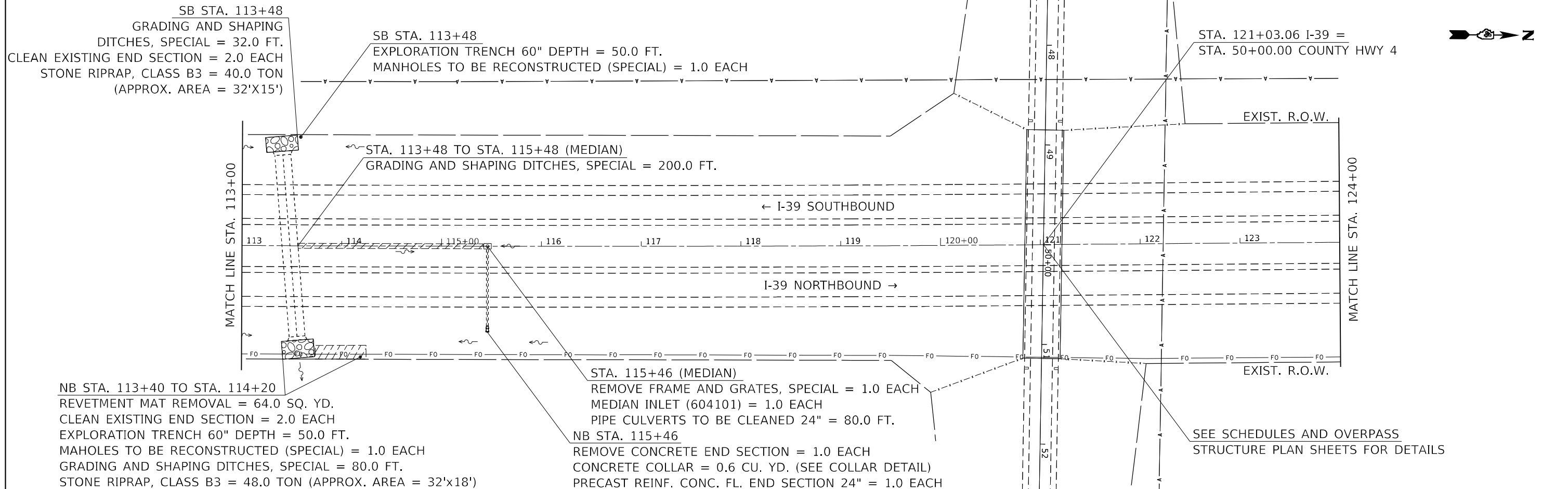
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	DATE -	REVISED -


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL PLAN			
SCALE:	SHEET 21	OF 22 SHEETS	STA. TO STA.

F.A.I. RTE. 39	SECTION *	COUNTY *	TOTAL SHEETS 114	SHEET NO. 62
			CONTRACT NO. 68F87	



LEGEND

 SURFACE REMOVAL - BUTT JOINT



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**





GENERAL PLAN

SCALE: SHEET 22 OF 22 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	63
CONTRACT NO. 68F87				



LEGEND

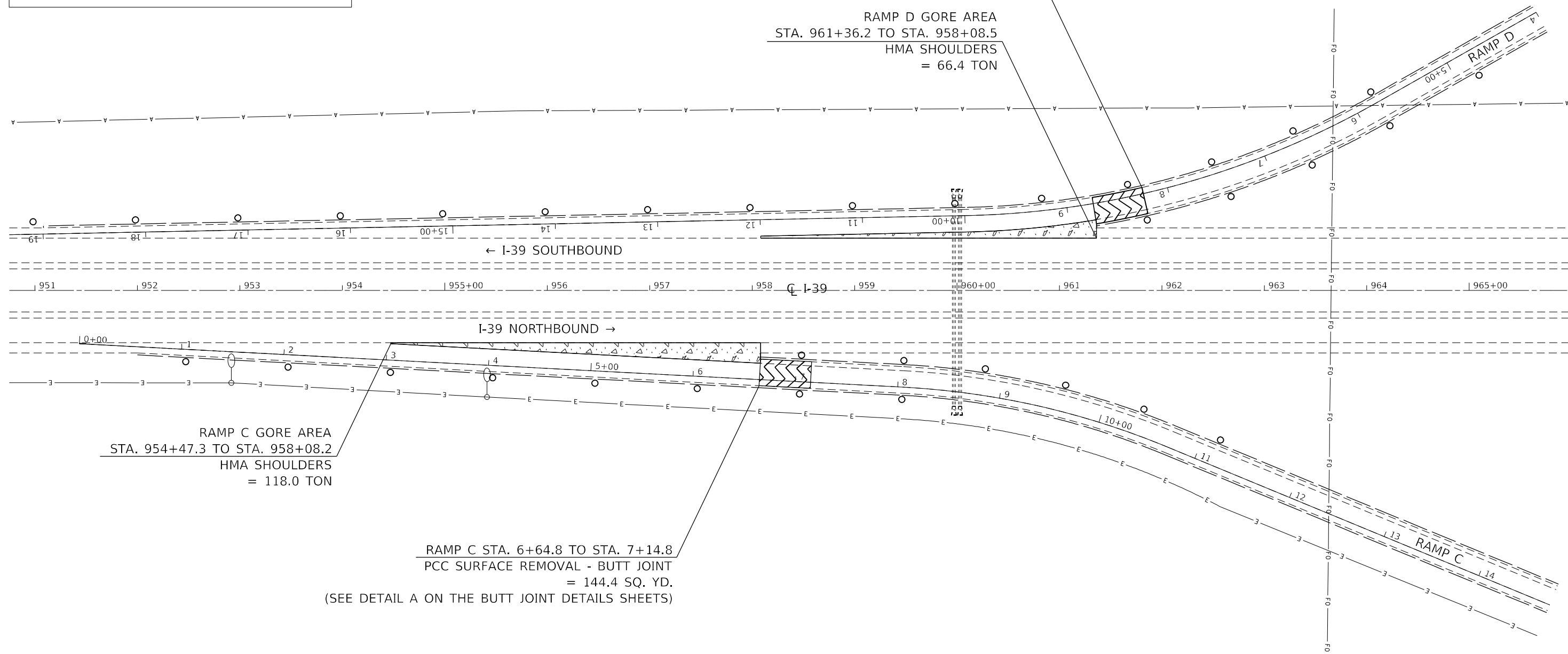
-  GORE AREA
(TO BE PAID AS HMA SHOULDERS)
-  PCC SURFACE REMOVAL - BUTT JOINT
-  DELINEATOR
-  AGGREGATE SHOULDERS

RAMP D STA. 8+24.2 TO STA. 8+74.2
PCC SURFACE REMOVAL - BUTT JOINT
= 144.4 SQ. YD.
(SEE DETAIL A ON THE BUTT JOINT DETAILS SHEETS)

RAMP D GORE AREA
STA. 961+36.2 TO STA. 958+08.5
HMA SHOULDERS
= 66.4 TON

RAMP C GORE AREA
STA. 954+47.3 TO STA. 958+08.2
HMA SHOULDERS
= 118.0 TON

RAMP C STA. 6+64.8 TO STA. 7+14.8
PCC SURFACE REMOVAL - BUTT JOINT
= 144.4 SQ. YD.
(SEE DETAIL A ON THE BUTT JOINT DETAILS SHEETS)



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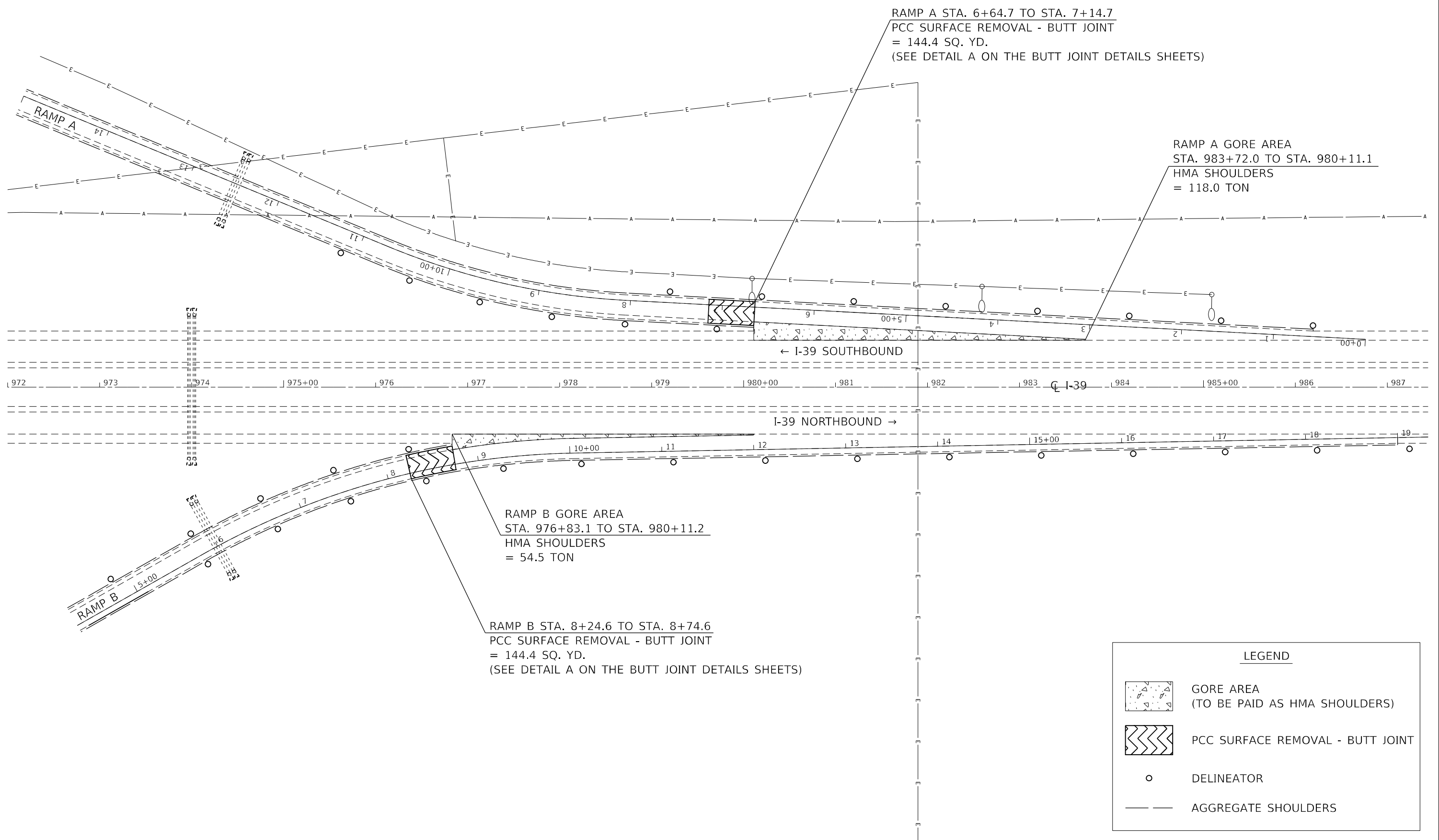
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

COUNTY HIGHWAY 2 RAMP PLAN

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	64
CONTRACT NO. 68F87				



LEGEND	
	GORE AREA (TO BE PAID AS HMA SHOULDERS)
	PCC SURFACE REMOVAL - BUTT JOINT
	DELINEATOR
	AGGREGATE SHOULDERS

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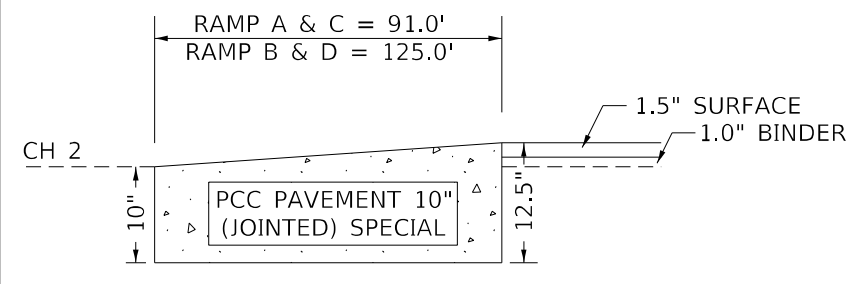
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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COUNTY HIGHWAY 2 RAMP PLAN			
SCALE:	SHEET 2	OF 3	SHEETS
	STA.		TO STA.

F.A.I. RTE. 39	SECTION *	COUNTY *	TOTAL SHEETS 114	SHEET NO. 65
CONTRACT NO. 68F87				
ILLINOIS FED. AID PROJECT				

DETAIL A



LEGEND

- PAVEMENT REMOVAL AND REPLACEMENT (RAMP TERMINALS)
- PCC PAVEMENT



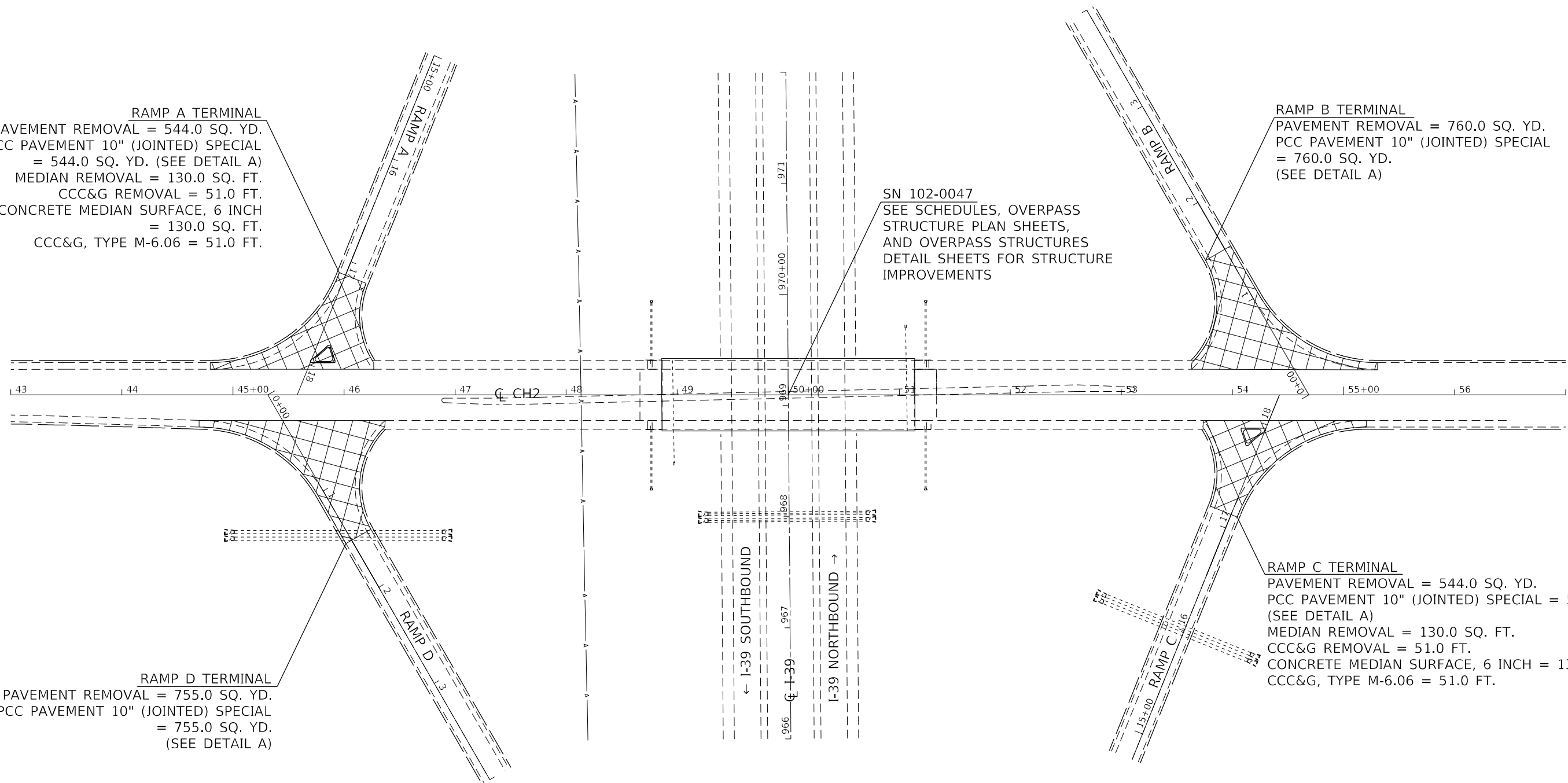
RAMP A TERMINAL
 PAVEMENT REMOVAL = 544.0 SQ. YD.
 PCC PAVEMENT 10" (JOINTED) SPECIAL = 544.0 SQ. YD. (SEE DETAIL A)
 MEDIAN REMOVAL = 130.0 SQ. FT.
 CCC&G REMOVAL = 51.0 FT.
 CONCRETE MEDIAN SURFACE, 6 INCH = 130.0 SQ. FT.
 CCC&G, TYPE M-6.06 = 51.0 FT.

RAMP B TERMINAL
 PAVEMENT REMOVAL = 760.0 SQ. YD.
 PCC PAVEMENT 10" (JOINTED) SPECIAL = 760.0 SQ. YD. (SEE DETAIL A)

SN 102-0047
 SEE SCHEDULES, OVERPASS STRUCTURE PLAN SHEETS, AND OVERPASS STRUCTURES DETAIL SHEETS FOR STRUCTURE IMPROVEMENTS

RAMP C TERMINAL
 PAVEMENT REMOVAL = 544.0 SQ. YD.
 PCC PAVEMENT 10" (JOINTED) SPECIAL = 544.0 SQ. YD. (SEE DETAIL A)
 MEDIAN REMOVAL = 130.0 SQ. FT.
 CCC&G REMOVAL = 51.0 FT.
 CONCRETE MEDIAN SURFACE, 6 INCH = 130.0 SQ. FT.
 CCC&G, TYPE M-6.06 = 51.0 FT.

RAMP D TERMINAL
 PAVEMENT REMOVAL = 755.0 SQ. YD.
 PCC PAVEMENT 10" (JOINTED) SPECIAL = 755.0 SQ. YD. (SEE DETAIL A)



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 USER: susers
 DATE: 2/10/2022

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	DRAWN -	REVISED -
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PLOT DATE = 2/10/2022	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**



COUNTY HIGHWAY 2 RAMP PLAN	
SCALE:	SHEET OF SHEETS STA. TO STA.

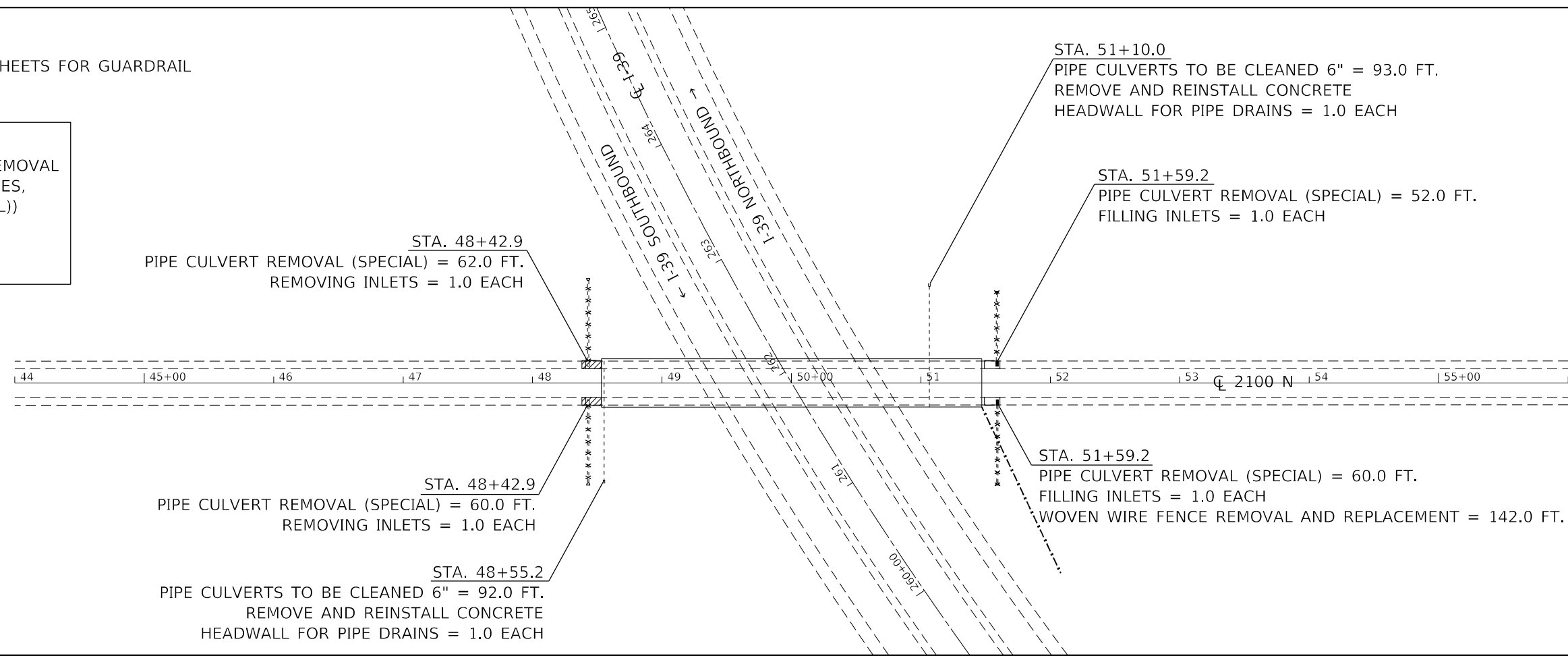
F.A.I. RTE. 39	SECTION *	COUNTY *	TOTAL SHEETS 114	SHEET NO. 66
			CONTRACT NO. 68F87	

NOTES:

1. SEE PROPOSED GUARDRAIL SHEETS FOR GUARDRAIL RELATED ITEMS




LEGEND

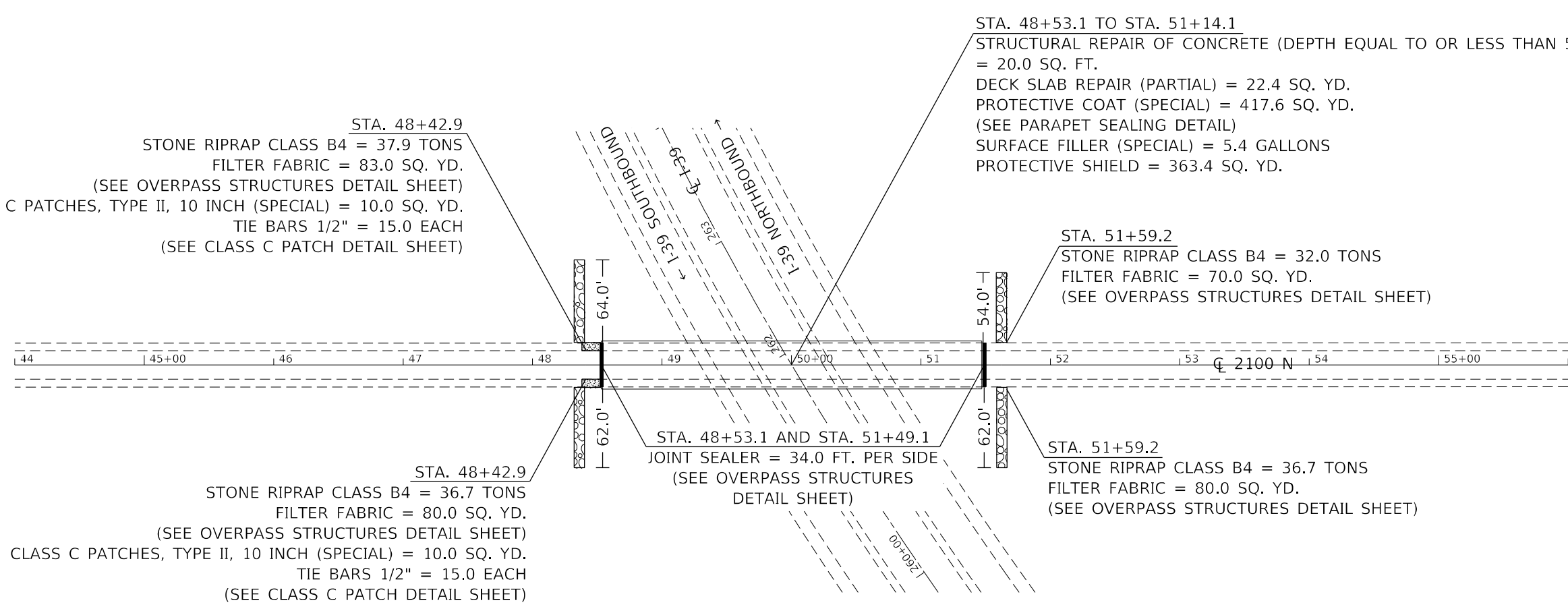
-  APPROACH SHOULDER REMOVAL (PAID AS CLASS C PATCHES, TYPE II, 10 INCH (SPECIAL))
-  FILLING INLETS
- x x PIPE REMOVAL



REMOVAL

LEGEND

-  PROPOSED RIPRAP
-  PROPOSED CONCRETE
-  JOINT SEALER



PROPOSED



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PLOT DATE = 2/10/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**OVERPASS STRUCTURE PLAN
SN 102-0048 (2100N)**


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


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	67
CONTRACT NO. 68F87				

NOTES:

1. SEE PROPOSED GUARDRAIL SHEETS FOR GUARDRAIL RELATED ITEMS

LEGEND

 APPROACH REMOVAL

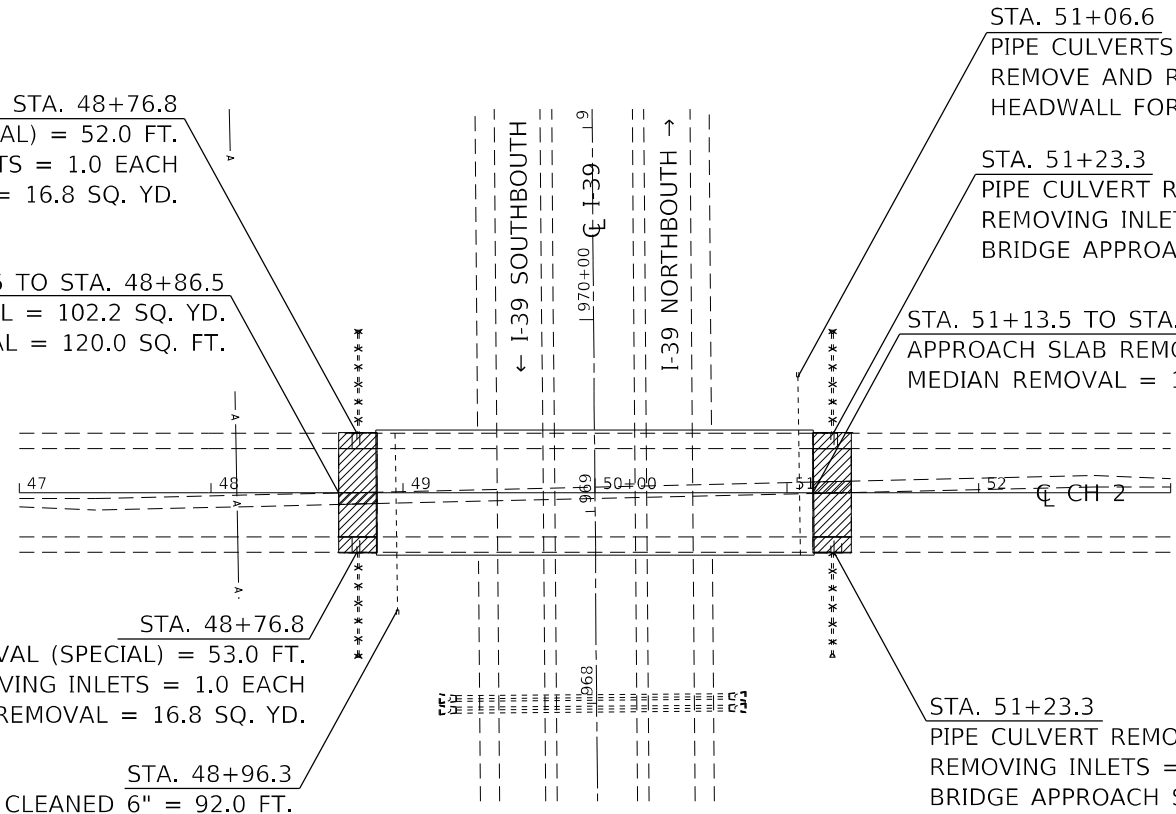
 PIPE REMOVAL

STA. 48+76.8
PIPE CULVERT REMOVAL (SPECIAL) = 52.0 FT.
REMOVING INLETS = 1.0 EACH
BRIDGE APPROACH SHOULDER REMOVAL = 16.8 SQ. YD.

STA. 48+66.5 TO STA. 48+86.5
APPROACH SLAB REMOVAL = 102.2 SQ. YD.
MEDIAN REMOVAL = 120.0 SQ. FT.

STA. 48+76.8
PIPE CULVERT REMOVAL (SPECIAL) = 53.0 FT.
REMOVING INLETS = 1.0 EACH
BRIDGE APPROACH SHOULDER REMOVAL = 16.8 SQ. YD.

STA. 48+96.3
PIPE CULVERTS TO BE CLEANED 6" = 92.0 FT.
REMOVE AND REINSTALL CONCRETE
HEADWALL FOR PIPE DRAINS = 1.0 EACH



STA. 51+06.6
PIPE CULVERTS TO BE CLEANED 6" = 93.0 FT.
REMOVE AND REINSTALL CONCRETE
HEADWALL FOR PIPE DRAINS = 1.0 EACH

STA. 51+23.3
PIPE CULVERT REMOVAL (SPECIAL) = 52.0 FT.
REMOVING INLETS = 1.0 EACH
BRIDGE APPROACH SHOULDER REMOVAL = 16.8 SQ. YD.

STA. 51+13.5 TO STA. 51+33.5
APPROACH SLAB REMOVAL = 102.2 SQ. YD.
MEDIAN REMOVAL = 120.0 SQ. FT.

STA. 51+23.3
PIPE CULVERT REMOVAL (SPECIAL) = 53.0 FT.
REMOVING INLETS = 1.0 EACH
BRIDGE APPROACH SHOULDER REMOVAL = 16.8 SQ. YD.


REMOVAL


STA. 48+76.8
STONE RIPRAP CLASS B4 = 32.0 TONS
FILTER FABRIC = 70.0 SQ. YD.
(SEE OVERPASS STRUCTURES DETAIL SHEET)
PCC BRIDGE APPROACH SHOULDER PAVEMENT (SPECIAL) = 17.8 SQ. YD.
(SEE BRIDGE APPROACH SHOULDER (SPECIAL) DETAIL SHEET)

STA. 48+66.5 TO STA. 48+86.5
BRIDGE APPROACH PAVEMENT (SPECIAL) = 102.2 SQ. YD.
(SEE BRIDGE APPROACH PAVEMENT (SPECIAL) SN 102-0047 (CH2) SHEETS)
CONCRETE MEDIAN, TYPE SM-6.06 = 120.0 SQ. FT.

STA. 48+76.0
STONE RIPRAP CLASS B4 = 32.6 TONS
FILTER FABRIC = 71.0 SQ. YD.
(SEE OVERPASS STRUCTURES DETAIL SHEET)
PCC BRIDGE APPROACH SHOULDER PAVEMENT (SPECIAL) = 17.8 SQ. YD.
(SEE BRIDGE APPROACH SHOULDER (SPECIAL) DETAIL SHEET)

LEGEND

 PROPOSED RIPRAP

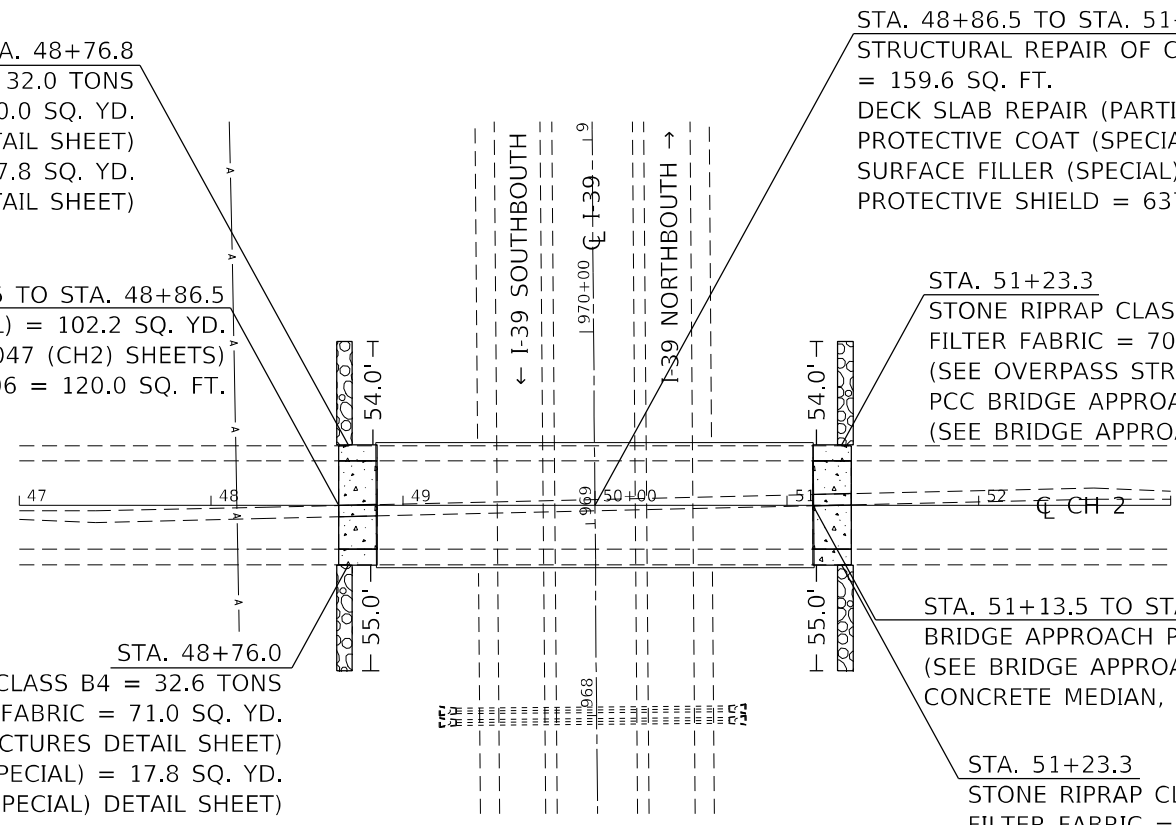
 PROPOSED CONCRETE

STA. 48+86.5 TO STA. 51+13.5
STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES) = 159.6 SQ. FT.
DECK SLAB REPAIR (PARTIAL) = 28.2 SQ. YD.
PROTECTIVE COAT (SPECIAL) = 320.4 SQ. YD. (SEE PARAPET SEALING DETAIL)
SURFACE FILLER (SPECIAL) = 4.0 GALLONS
PROTECTIVE SHIELD = 637.2 SQ. YD.

STA. 51+23.3
STONE RIPRAP CLASS B4 = 32.0 TONS
FILTER FABRIC = 70.0 SQ. YD.
(SEE OVERPASS STRUCTURES DETAIL SHEET)
PCC BRIDGE APPROACH SHOULDER PAVEMENT (SPECIAL) = 17.8 SQ. YD.
(SEE BRIDGE APPROACH SHOULDER (SPECIAL) DETAIL SHEET)

STA. 51+13.5 TO STA. 51+33.5
BRIDGE APPROACH PAVEMENT (SPECIAL) = 102.2 SQ. YD.
(SEE BRIDGE APPROACH PAVEMENT (SPECIAL) SN 102-0047 (CH2) SHEETS)
CONCRETE MEDIAN, TYPE SM-6.06 = 120.0 SQ. FT.

STA. 51+23.3
STONE RIPRAP CLASS B4 = 32.6 TONS
FILTER FABRIC = 71.0 SQ. YD.
(SEE OVERPASS STRUCTURES DETAIL SHEET)
PCC BRIDGE APPROACH SHOULDER PAVEMENT (SPECIAL) = 17.8 SQ. YD.
(SEE BRIDGE APPROACH SHOULDER (SPECIAL) DETAIL SHEET)



PROPOSED



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**OVERPASS STRUCTURE PLAN
SN 102-0047 (CH2)**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	68
			CONTRACT NO. 68F87	

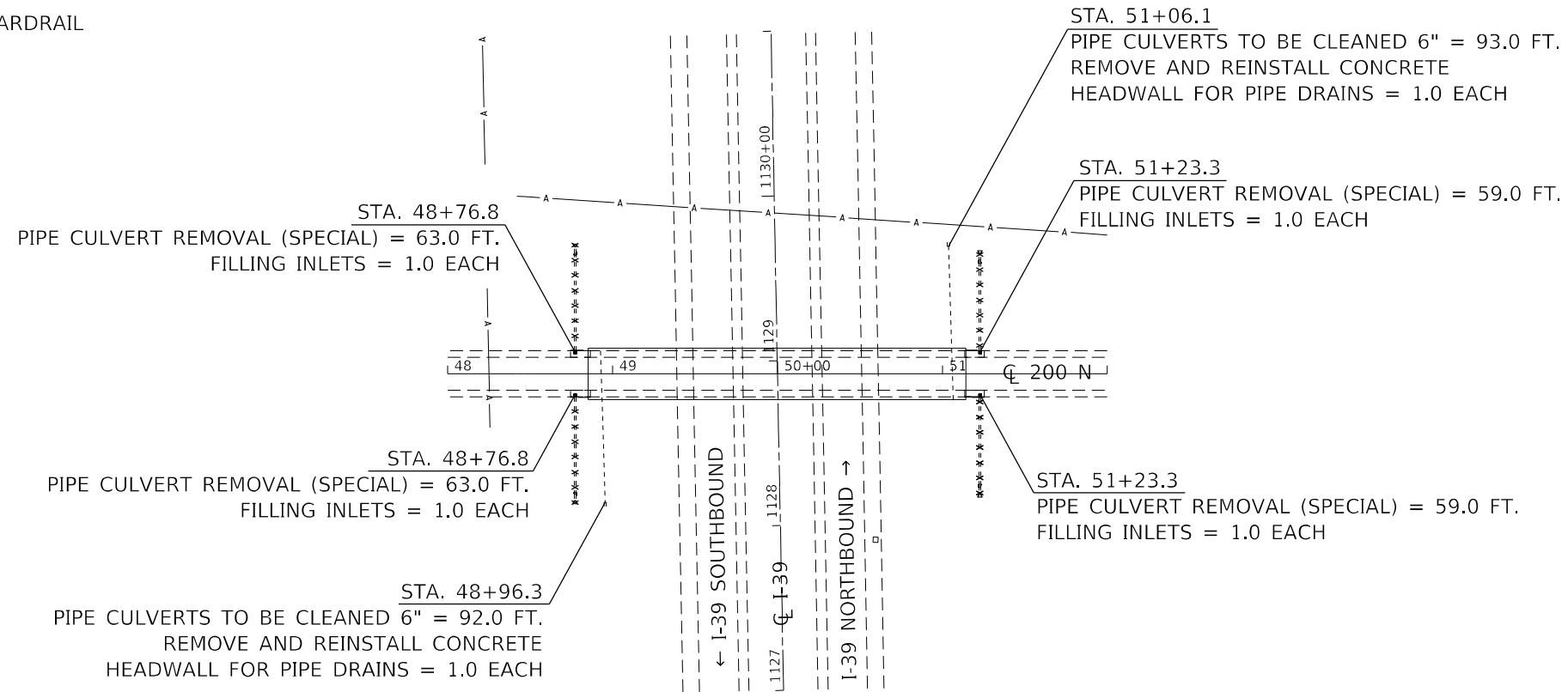
NOTES:

1. SEE PROPOSED GUARDRAIL SHEETS FOR GUARDRAIL RELATED ITEMS

LEGEND

■ FILLING INLETS

x x PIPE REMOVAL

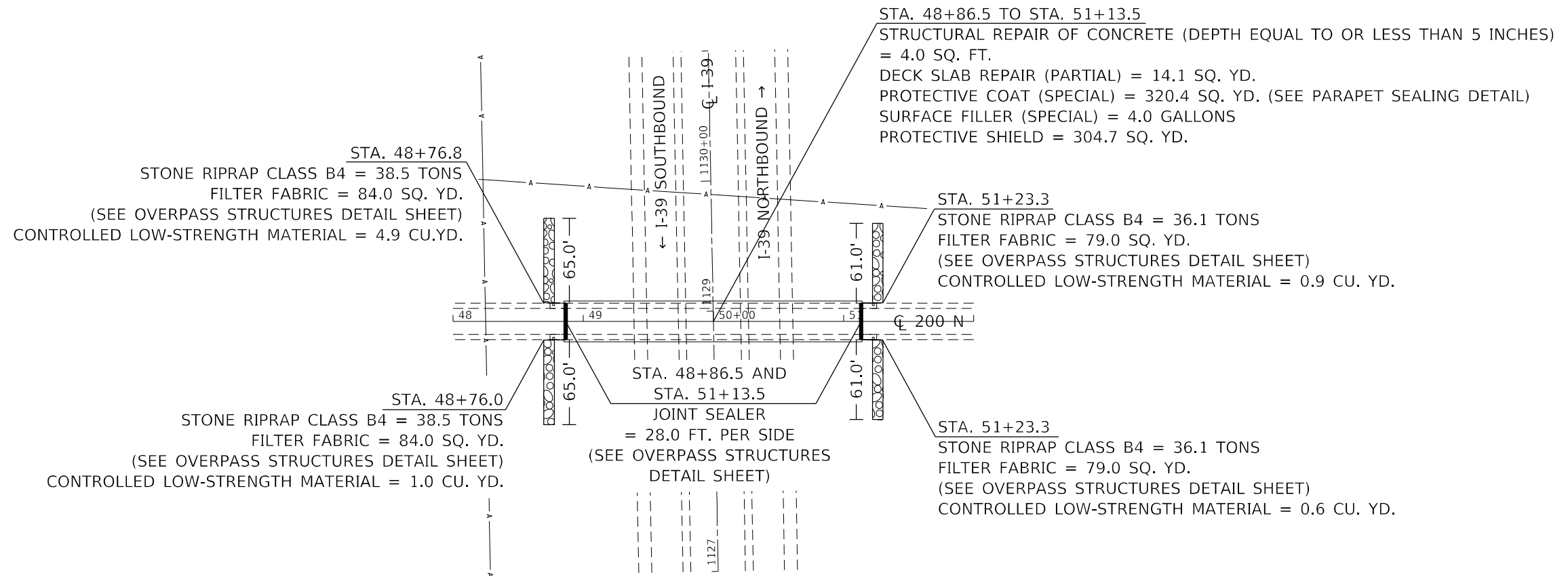


REMOVAL

LEGEND

▨ PROPOSED RIPRAP

— JOINT SEALER



PROPOSED



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PLOT DATE = 2/10/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**OVERPASS STRUCTURE PLAN
SN 062-0055 (200N)**



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

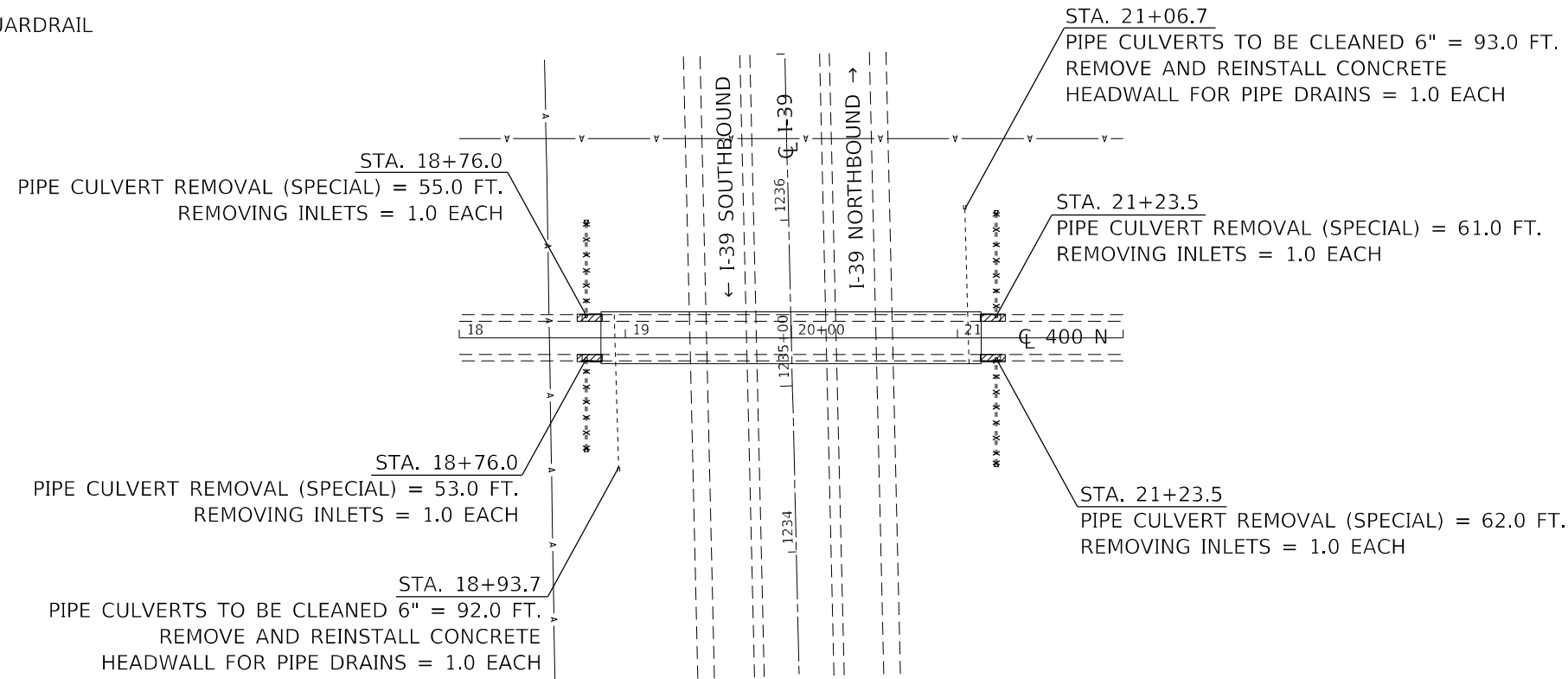
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	69
CONTRACT NO. 68F87				

NOTES:

1. SEE PROPOSED GUARDRAIL SHEETS FOR GUARDRAIL RELATED ITEMS




LEGEND

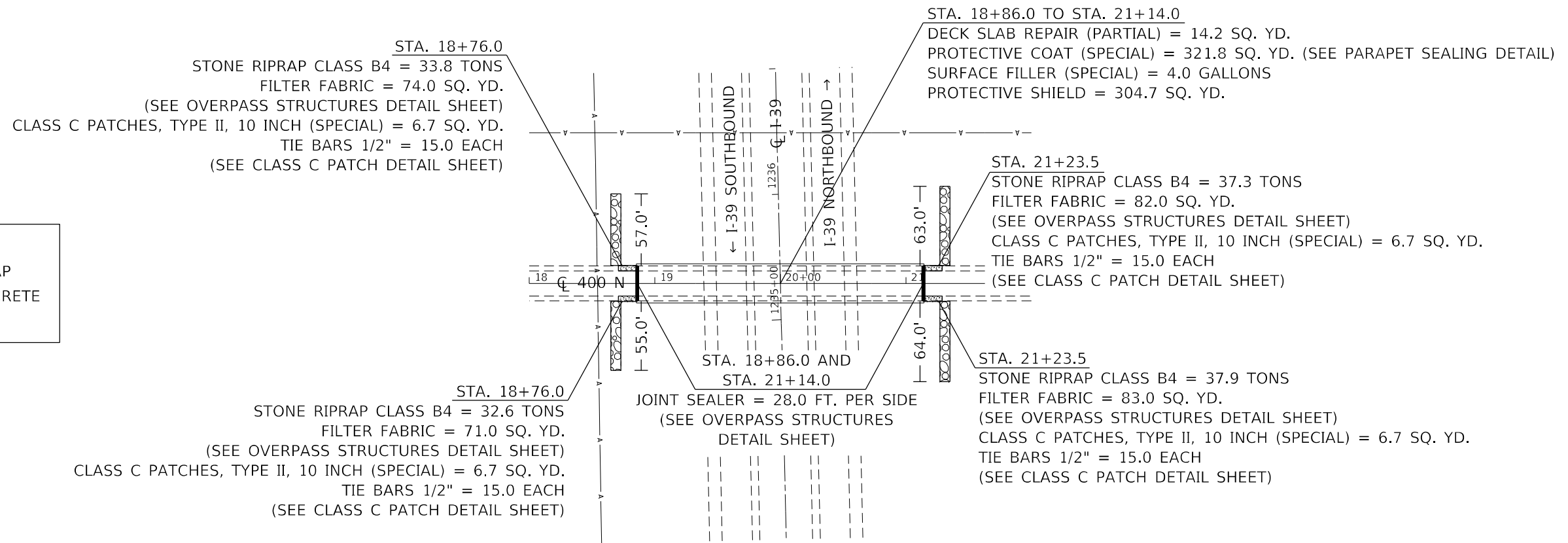
 APPROACH SHOULDER REMOVAL (PAID AS CLASS C PATCHES, TYPE II, 10 INCH (SPECIAL))
 PIPE REMOVAL



REMOVAL

LEGEND

 PROPOSED RIPRAP
 PROPOSED CONCRETE
 JOINT SEALER



PROPOSED



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**OVERPASS STRUCTURE PLAN
SN 062-0054 (400N)**


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


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	70
CONTRACT NO. 68F87				

NOTES:

1. SEE PROPOSED GUARDRAIL SHEETS FOR GUARDRAIL RELATED ITEMS

LEGEND

 APPROACH REMOVAL

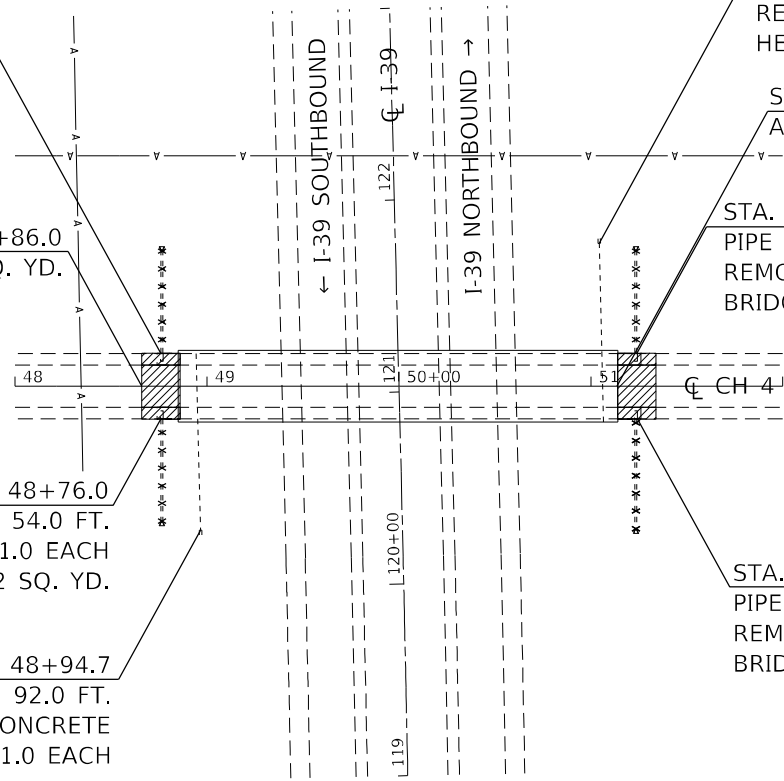
 PIPE REMOVAL

STA. 48+76.0
PIPE CULVERT REMOVAL (SPECIAL) = 54.0 FT.
REMOVING INLETS = 1.0 EACH
BRIDGE APPROACH SHOULDER REMOVAL = 8.2 SQ. YD.

STA. 48+66.0 TO STA. 48+86.0
APPROACH SLAB REMOVAL = 48.9 SQ. YD.

STA. 48+76.0
PIPE CULVERT REMOVAL (SPECIAL) = 54.0 FT.
REMOVING INLETS = 1.0 EACH
BRIDGE APPROACH SHOULDER REMOVAL = 8.2 SQ. YD.

STA. 48+94.7
PIPE CULVERTS TO BE CLEANED 6" = 92.0 FT.
REMOVE AND REINSTALL CONCRETE HEADWALL FOR PIPE DRAINS = 1.0 EACH



STA. 51+06.6
PIPE CULVERTS TO BE CLEANED 6" = 93.0 FT.
REMOVE AND REINSTALL CONCRETE HEADWALL FOR PIPE DRAINS = 1.0 EACH

STA. 51+14.0 TO STA. 51+34.0
APPROACH SLAB REMOVAL = 48.9 SQ. YD.

STA. 51+24.0
PIPE CULVERT REMOVAL (SPECIAL) = 54.0 FT.
REMOVING INLETS = 1.0 EACH
BRIDGE APPROACH SHOULDER REMOVAL = 8.2 SQ. YD.

STA. 51+24.0
PIPE CULVERT REMOVAL (SPECIAL) = 58.0 FT.
REMOVING INLETS = 1.0 EACH
BRIDGE APPROACH SHOULDER REMOVAL = 8.2 SQ. YD.



REMOVAL

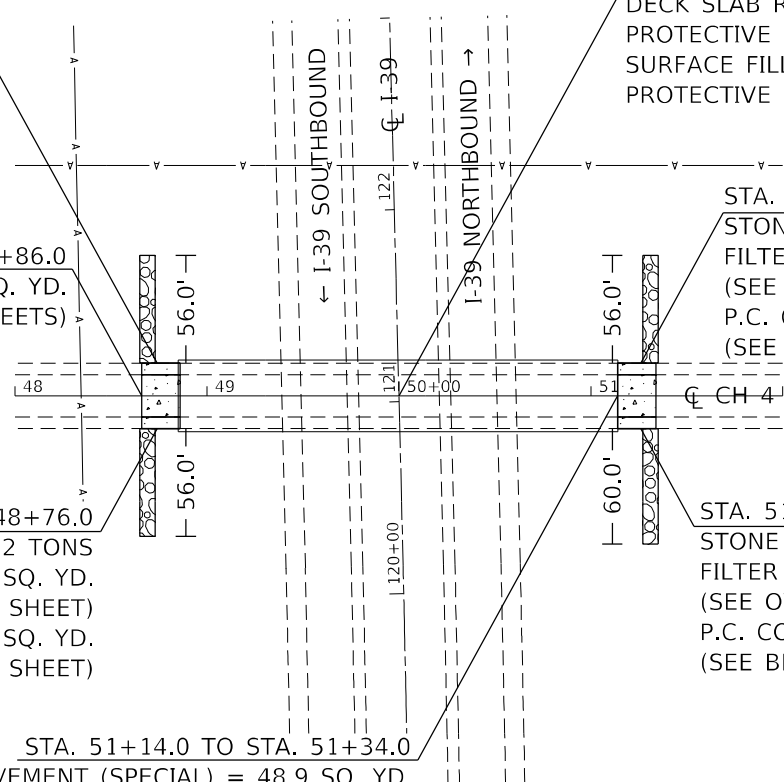
STA. 48+76.8
STONE RIPRAP CLASS B4 = 33.2 TONS
FILTER FABRIC = 73.0 SQ. YD.
(SEE OVERPASS STRUCTURES DETAIL SHEET)

P.C. CONCRETE BRIDGE APPROACH SHOULDER PAVEMENT (SPECIAL) = 8.7 SQ. YD.
(SEE BRIDGE APPROACH SHOULDER (SPECIAL) DETAIL SHEET)

STA. 48+66.0 TO STA. 48+86.0
BRIDGE APPROACH PAVEMENT (SPECIAL) = 48.9 SQ. YD.
(SEE BRIDGE APPROACH PAVEMENT (SPECIAL) SN 062-0053 (CH4) SHEETS)

STA. 48+76.0
STONE RIPRAP CLASS B4 = 33.2 TONS
FILTER FABRIC = 73.0 SQ. YD.
(SEE OVERPASS STRUCTURES DETAIL SHEET)

P.C. CONCRETE BRIDGE APPROACH SHOULDER PAVEMENT (SPECIAL) = 8.7 SQ. YD.
(SEE BRIDGE APPROACH SHOULDER (SPECIAL) DETAIL SHEET)



STA. 48+86.0 TO STA. 51+14.0
DECK SLAB REPAIR (PARTIAL) = 17.2 SQ. YD.
PROTECTIVE COAT (SPECIAL) = 321.8 SQ. YD. (SEE PARAPET SEALING DETAIL)
SURFACE FILLER (SPECIAL) = 4.0 GALLONS
PROTECTIVE SHIELD = 363.4 SQ. YD.

STA. 51+24.0
STONE RIPRAP CLASS B4 = 33.2 TONS
FILTER FABRIC = 73.0 SQ. YD.
(SEE OVERPASS STRUCTURES DETAIL SHEET)


P.C. CONCRETE BRIDGE APPROACH SHOULDER PAVEMENT (SPECIAL) = 8.7 SQ. YD.
(SEE BRIDGE APPROACH SHOULDER (SPECIAL) DETAIL SHEET)


STA. 51+24.0
STONE RIPRAP CLASS B4 = 35.6 TONS
FILTER FABRIC = 78.0 SQ. YD.
(SEE OVERPASS STRUCTURES DETAIL SHEET)

P.C. CONCRETE BRIDGE APPROACH SHOULDER PAVEMENT (SPECIAL) = 8.7 SQ. YD.
(SEE BRIDGE APPROACH SHOULDER (SPECIAL) DETAIL SHEET)

STA. 51+14.0 TO STA. 51+34.0
BRIDGE APPROACH PAVEMENT (SPECIAL) = 48.9 SQ. YD.
(SEE BRIDGE APPROACH PAVEMENT (SPECIAL) SN 062-0053 (CH4) SHEETS)

LEGEND

 PROPOSED RIPRAP

 PROPOSED CONCRETE



PROPOSED

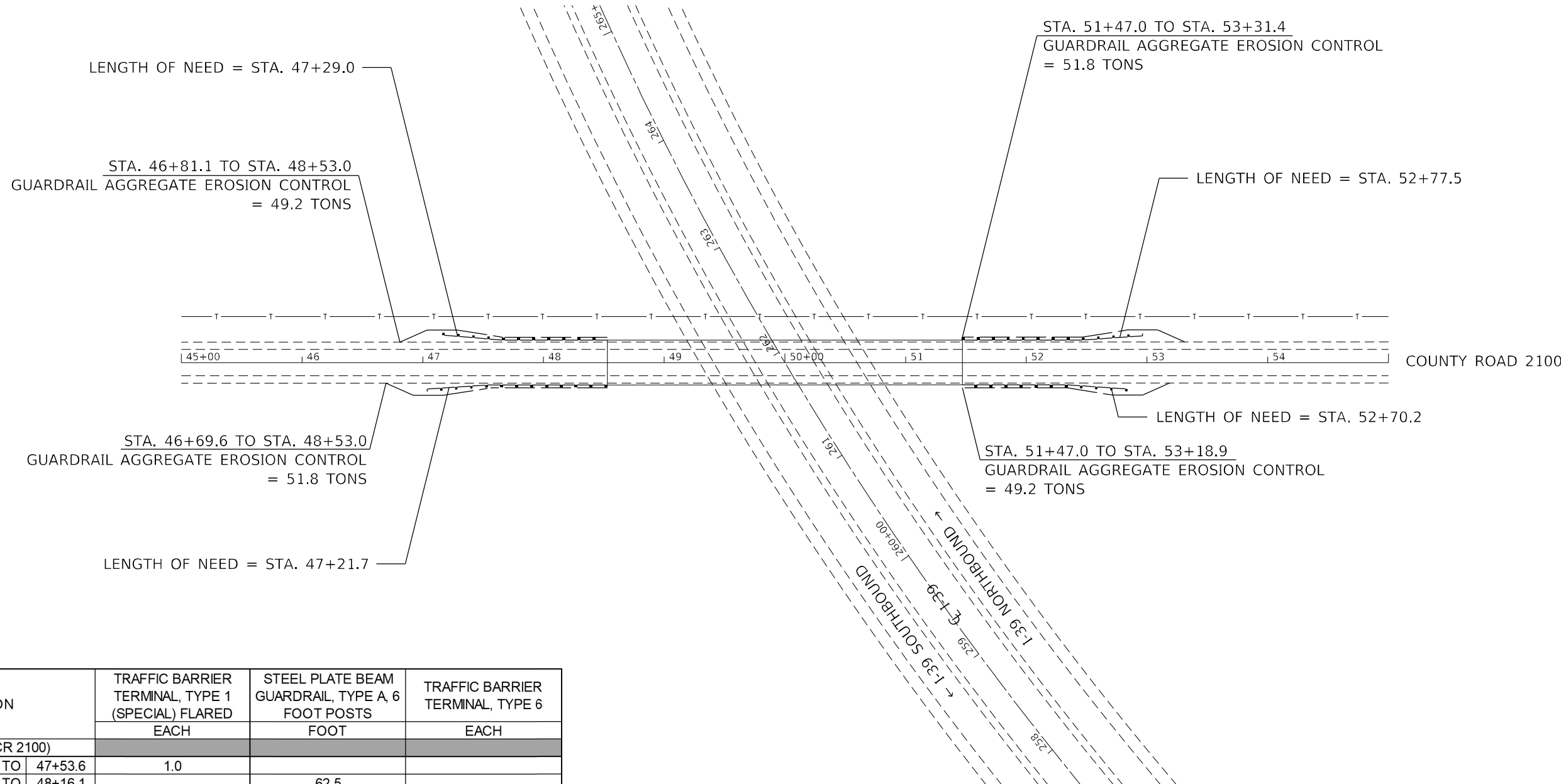
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

OVERHEAD STRUCTURE PLAN			
SN 062-0053 (CH4)			
SCALE:	SHEET 5	OF 5 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	71
CONTRACT NO. 68F87				



LOCATION				TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 6
				EACH	FOOT	EACH
SN 102-0048 (CR 2100)						
RT	STA	47+03.6	TO 47+53.6	1.0		
RT	STA	47+53.6	TO 48+16.1		62.5	
RT	STA	48+16.1	TO 48+53.6			1.0
RT	STA	51+46.4	TO 51+83.9			1.0
RT	STA	51+83.9	TO 52+33.9		50.0	
RT	STA	52+33.9	TO 52+83.9	1.0		
LT	STA	47+16.1	TO 47+66.1	1.0		
LT	STA	47+66.1	TO 48+16.1		50.0	
LT	STA	48+16.1	TO 48+53.6			1.0
LT	STA	51+46.4	TO 51+83.9			1.0
LT	STA	51+83.9	TO 52+46.4		62.5	
LT	STA	52+46.4	TO 52+96.4	1.0		

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 PROJECT: 102-0048 (CR 2100)
 SHEET: 114 of 114
 DATE: 2/10/2022

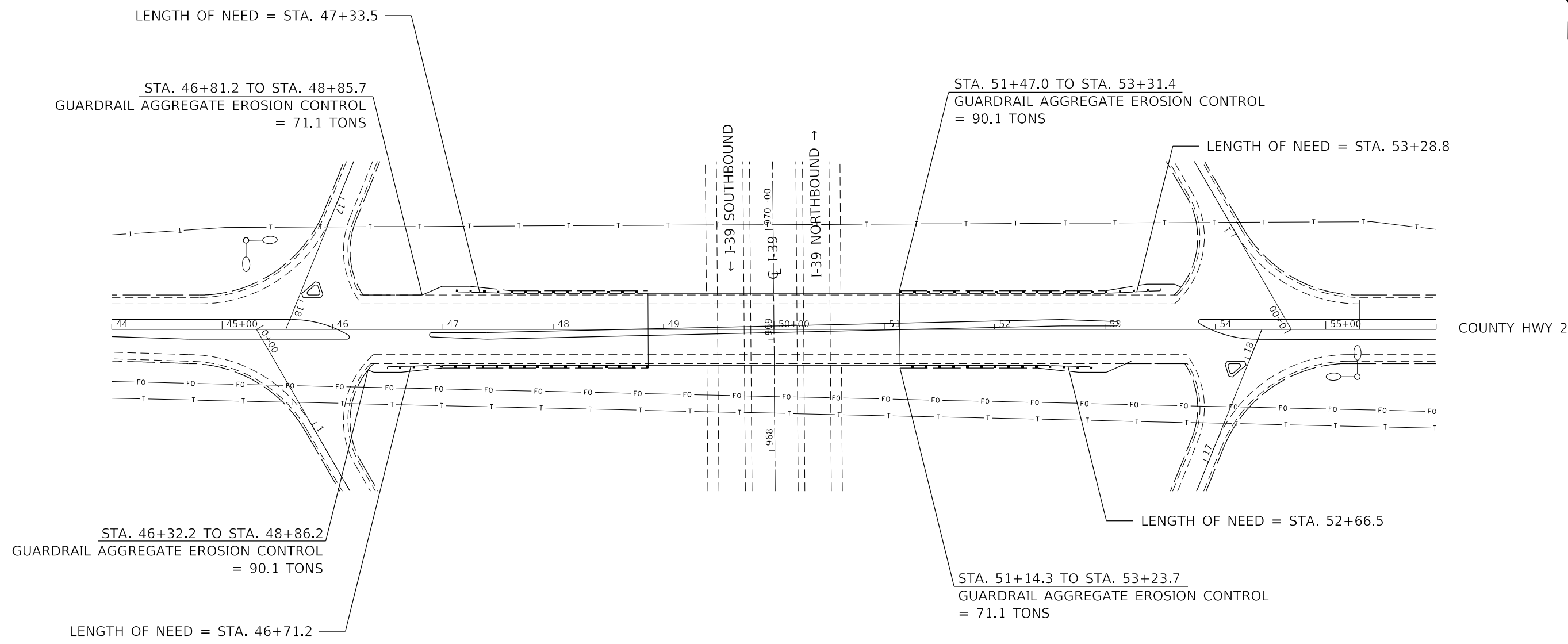
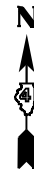
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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED GUARDRAIL
SN 102-0048 (2100N)

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	72
CONTRACT NO. 68F87				



LOCATION				TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 6
				EACH	FOOT	EACH
SN 102-0047 (COUNTY HWY 2)						
RT	STA. 46+49.7	TO	46+99.7	1.0		
RT	STA. 46+99.7	TO	48+49.7		150.0	
RT	STA. 48+49.7	TO	48+87.2			1.0
RT	STA. 51+13.7	TO	51+51.2			1.0
RT	STA. 51+51.2	TO	52+38.7		87.5	
RT	STA. 52+38.7	TO	52+88.7	1.0		
LT	STA. 47+11.7	TO	47+61.7	1.0		
LT	STA. 47+61.7	TO	48+49.2		87.5	
LT	STA. 48+49.2	TO	48+86.3			1.0
LT	STA. 51+13.2	TO	51+50.3			1.0
LT	STA. 51+50.3	TO	53+00.3		150.0	
LT	STA. 53+00.3	TO	53+50.3	1.0		

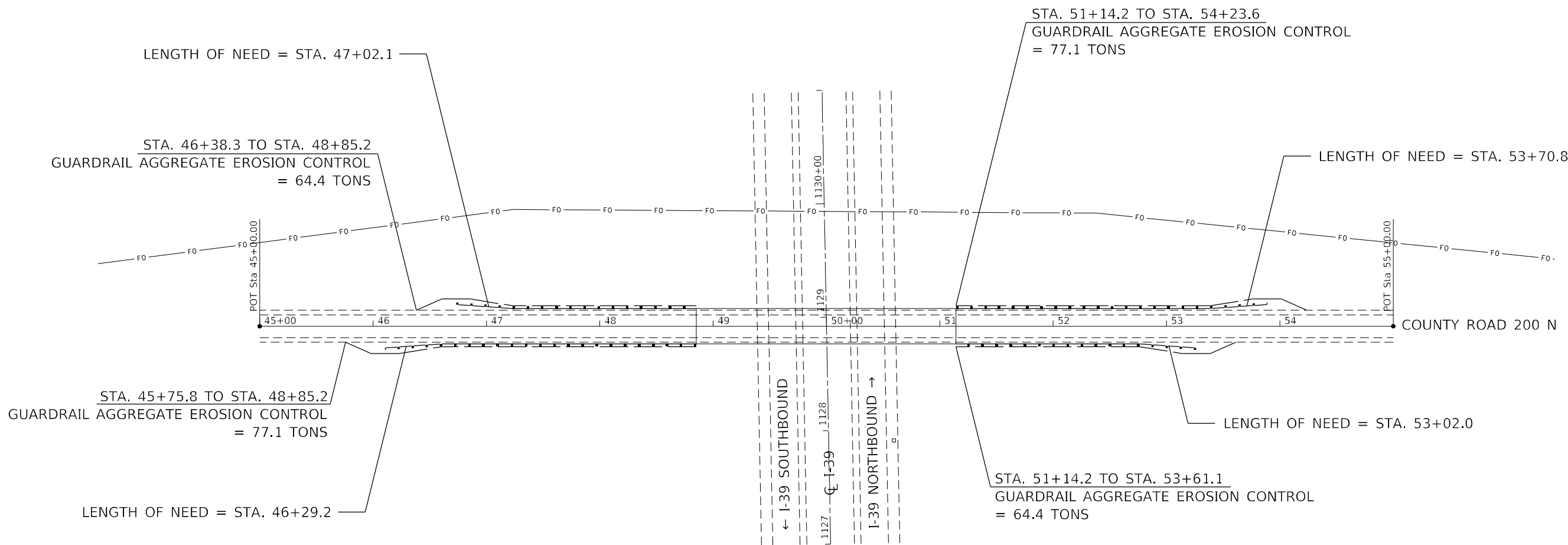
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 DATE: 2/10/2022

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED GUARDRAIL			
SN 102-0047 (CH2)			
SCALE:	SHEET 2	OF 5 SHEETS	STA. TO STA.

F.A.I. RTE. 39	SECTION *	COUNTY *	TOTAL SHEETS 114	SHEET NO. 73
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68F87	



LOCATION				TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 6
				EACH	FOOT	EACH
SN 062-0055 (CR 200N)						
RT	STA	46+10.8	TO 46+60.8	1.0		
RT	STA	46+60.8	TO 48+48.3		187.5	
RT	STA	48+48.3	TO 48+85.2			1.0
RT	STA	51+14.2	TO 51+51.1			1.0
RT	STA	51+51.1	TO 52+76.1		125.0	
RT	STA	52+76.1	TO 53+26.1	1.0		
LT	STA	46+73.3	TO 47+23.3	1.0		
LT	STA	47+23.3	TO 48+48.3		125.0	
LT	STA	48+48.3	TO 48+85.2			1.0
LT	STA	51+14.2	TO 51+51.1			1.0
LT	STA	51+51.1	TO 53+38.6		187.5	
LT	STA	53+38.6	TO 53+88.6	1.0		

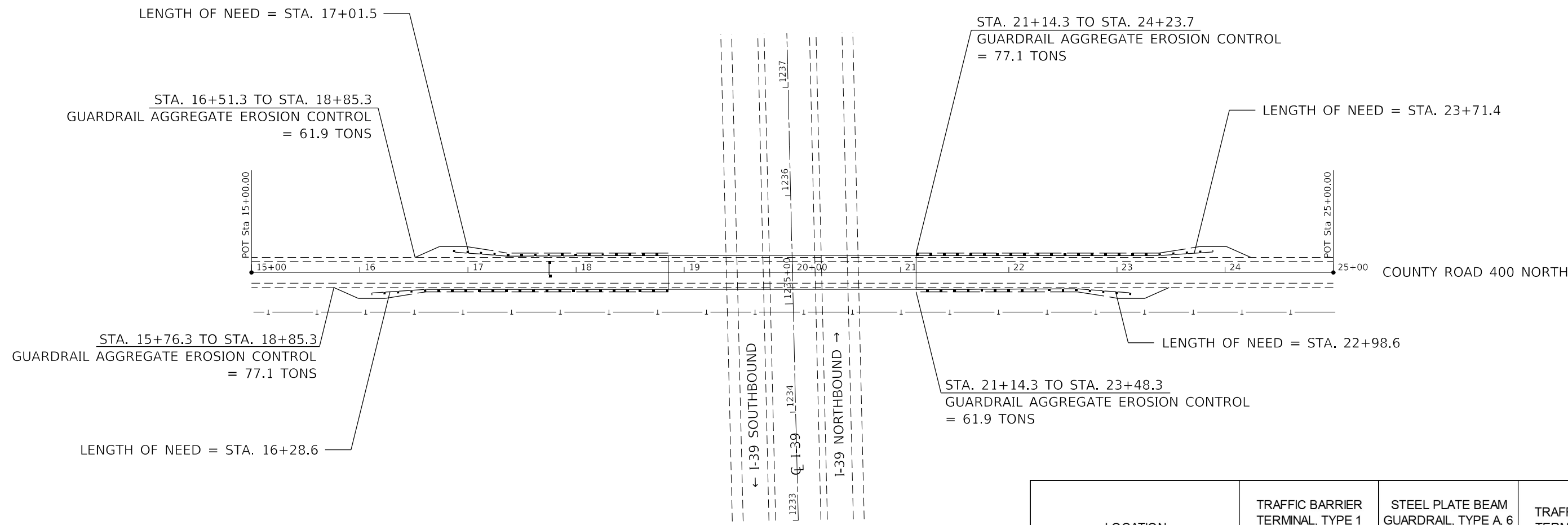
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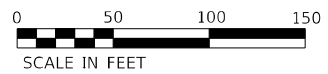
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED GUARDRAIL SN 062-0055 (200N)			
SCALE:	SHEET 3	OF 5 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	74
CONTRACT NO. 68F87				



LOCATION				TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 6
				EACH	FOOT	EACH
SN 062-0054 (CR 400N)						
RT	STA	16+11.3	TO	16+61.3	1.0	
RT	STA	16+61.3	TO	18+48.8		187.5
RT	STA	18+48.8	TO	18+85.3		1.0
RT	STA	21+14.3	TO	21+50.8		1.0
RT	STA	21+50.8	TO	22+63.3		112.5
RT	STA	22+63.3	TO	23+13.3	1.0	
LT	STA	16+86.3	TO	17+36.3	1.0	
LT	STA	17+36.3	TO	18+48.8		112.5
LT	STA	18+48.8	TO	18+85.3		1.0
LT	STA	21+14.3	TO	21+51.2		1.0
LT	STA	21+51.2	TO	23+38.7		187.5
LT	STA	23+38.7	TO	23+88.7	1.0	



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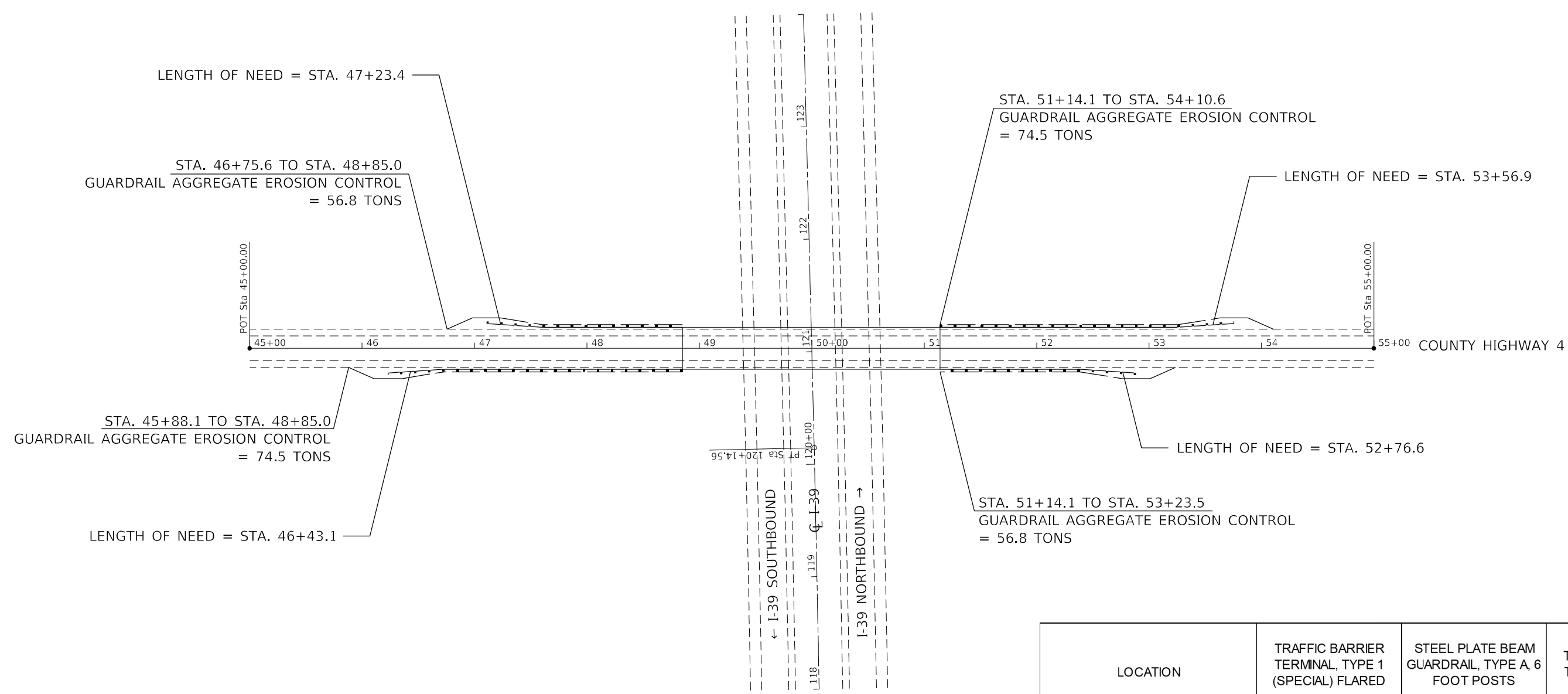
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED GUARDRAIL
SN 062-0054 (400N)**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	75
CONTRACT NO. 68F87				



LOCATION					TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 6
					EACH	FOOT	EACH
SN 062-0053 (CH 4)							
RT	STA	46+23.1	TO	46+73.1	1.0		
RT	STA	46+73.1	TO	48+48.1		175.0	
RT	STA	48+48.1	TO	48+85.0			1.0
RT	STA	51+14.1	TO	51+51.0			1.0
RT	STA	51+51.0	TO	52+38.5		87.5	
RT	STA	52+38.5	TO	52+88.5	1.0		
LT	STA	47+10.6	TO	47+60.6	1.0		
LT	STA	47+60.6	TO	48+48.1		87.5	
LT	STA	48+48.1	TO	48+85.0			1.0
LT	STA	51+14.1	TO	51+50.6			1.0
LT	STA	51+50.6	TO	53+25.6		175.0	
LT	STA	53+25.6	TO	53+75.6	1.0		

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED GUARDRAIL
SN 062-0053 (CH4)

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	76
CONTRACT NO. 68F87			ILLINOIS FED. AID PROJECT	

THE FOLLOWING SEQUENCE OF OPERATIONS WAS DESIGNED TO ACCOMMODATE THE EDGE TRIMMING PROCESS, PAID AS HMA SURFACE REMOVAL SPECIAL, ALLOWING PAVING AGAINST CONFINED EDGES. THE CONTRACTOR MAY ELECT TO CHOOSE WHAT LANES, INSIDE OR OUTSIDE, TO BEGIN CONSTRUCTION WORK.

PRE-STAGE

PRE-STAGE

CONSTRUCTION

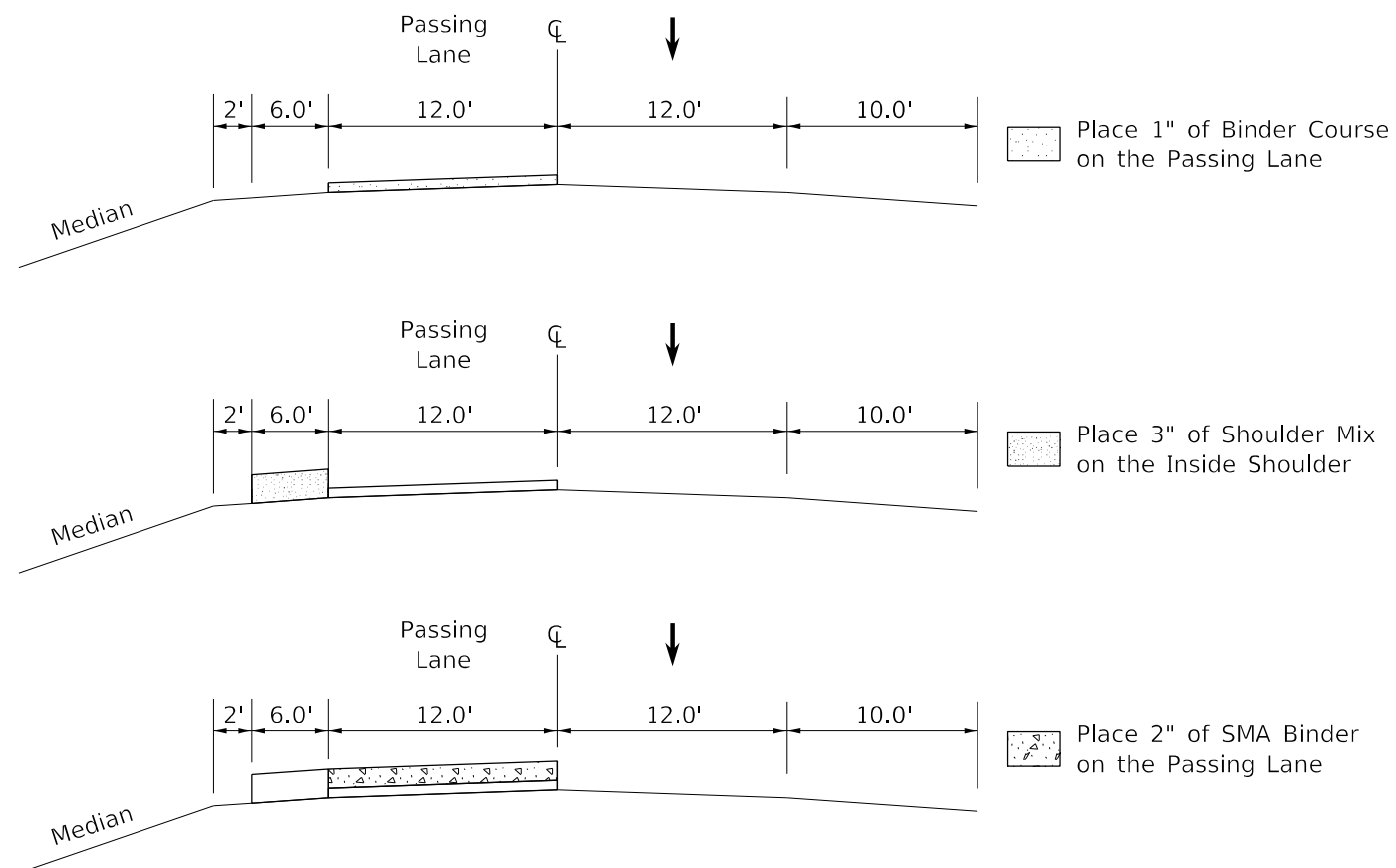
Complete Class A Patching throughout the project limits, except for Ramps.

TRAFFIC

Complete this work utilizing Traffic Control and Protection Standards 701400, 701401, 701406, & 701428.

NORTHBOUND LANES REPRESENTED

STAGE I



STAGE I

PURPOSE

Placement of HMA Poly. Binder and SMA Binder on the Passing Lane and Bottom Lift of Shoulder Mix on the Inside Shoulder.

CONSTRUCTION

Remove existing RPM's within the allowed closure.

Place 1" HMA Poly. Binder on the Passing Lane.

Place 3" Shoulder Mix on the Inside Shoulder.

Place 2" Poly. SMA Binder on the Passing Lane.

Place Short-Term Pavement Markings on edge line per Art. 703.03.

TRAFFIC

Complete this work utilizing Traffic Control and Protection Standards 701400, 701401, & 701428.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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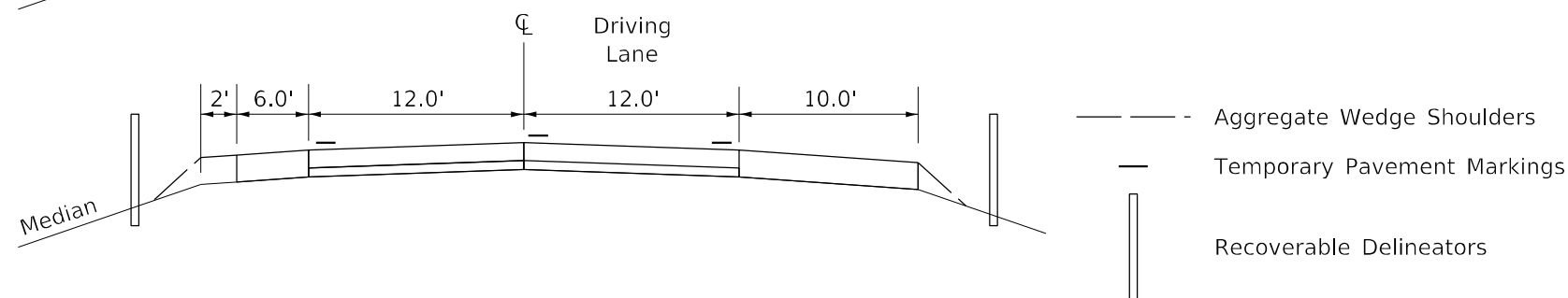
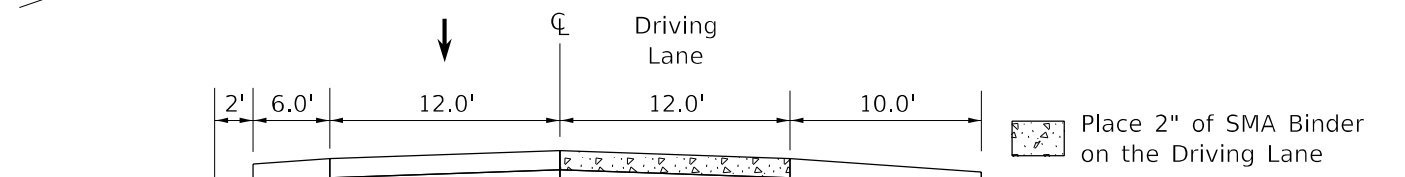
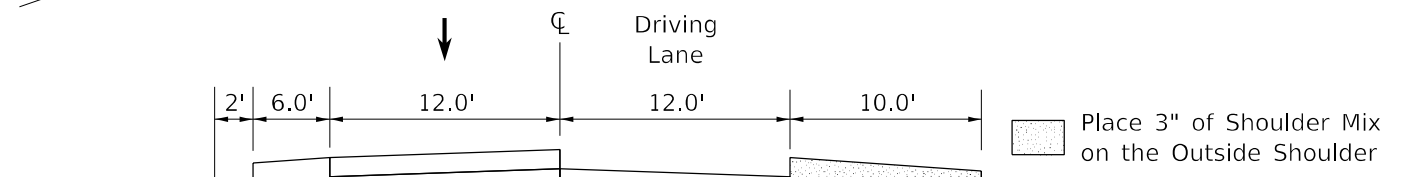
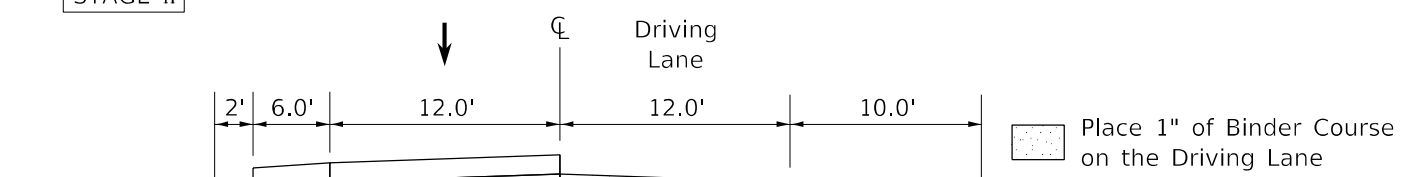
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	77
CONTRACT NO. 68F87				

102(3RS-2.4RS)(62-2)RS-1

MARSHALL, WOODFORD

STAGE II



STAGE II

PURPOSE

Placement of HMA Poly. Binder, SMA Binder, and HMA Shoulders on the Driving Lane and Outside Shoulder.

CONSTRUCTION

- Place 1" HMA Poly. Binder on the Driving Lane.
- Place 3" Shoulder Mix on the Outside Shoulder.
- Place 2" Poly. SMA Binder on the Driving Lane.
- Place 3" Aggregate Wedge Shoulders on Inside and Outside Shoulders.
- Place Recoverable Delineators.
- Place Short-Term Pavement Markings on Edge Line per Art. 703.03.
- Place Temporary Pavement Markings for Winter Shutdown.

TRAFFIC

Complete this work utilizing Traffic Control and Protection Standards 701400, 701401, & 701428.

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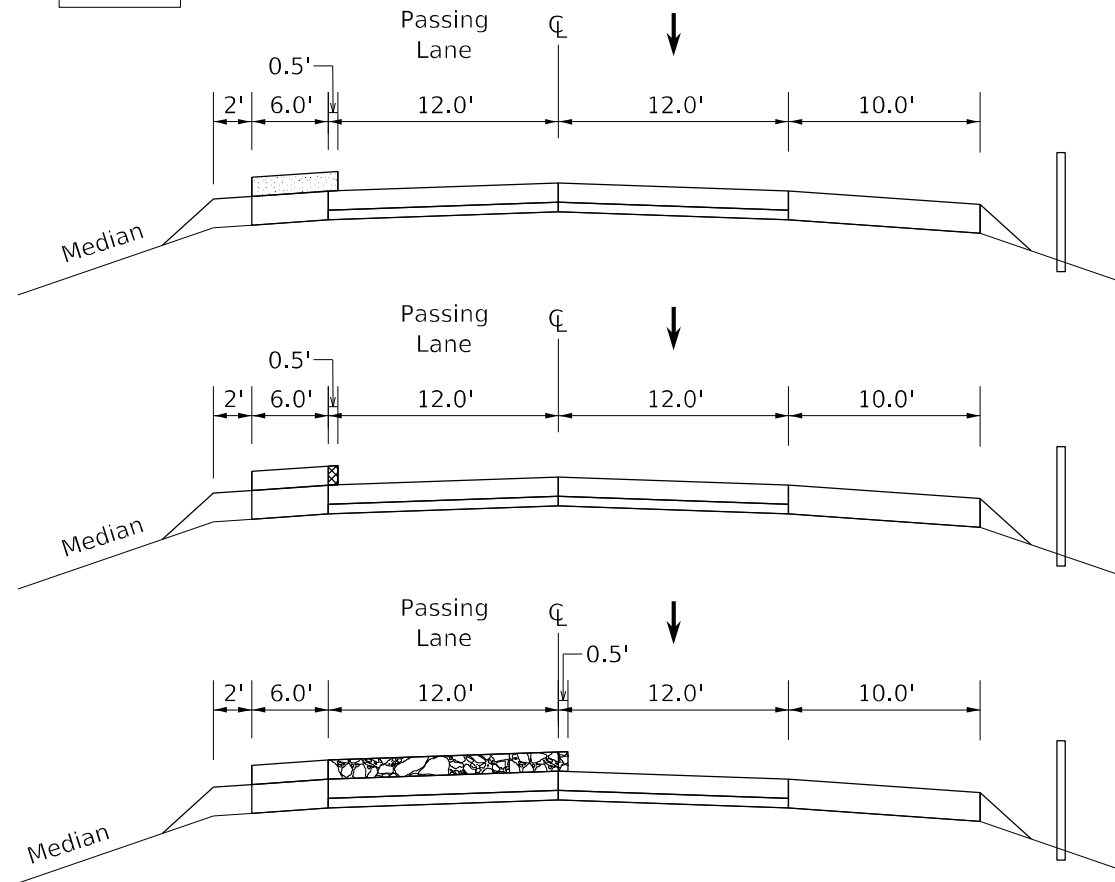
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**




PAVING SEQUENCE

SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	78
			CONTRACT NO. 68F87	

STAGE III



-  Place 2" of Shoulder Mix on the Inside Shoulder - Extending 6" into the Passing Lane
-  Remove 6" Overhang - Paid as Surface Removal Special
-  Place 2" of SMA Surface Course on the Passing Lane - Extending 6" onto the Driving Lane

STAGE III

PURPOSE

Complete SMA Surface Course and HMA Shoulder on the Inside Shoulder and Passing Lane.

CONSTRUCTION

Remove Median Side Recoverable Delineators.

Place 2" of Shoulder Mix on the Inside Shoulder, extending 6" onto the Passing Lane.

Joint Trim the Passing Lane/Inside Shoulder Joint.

Place 2" of Poly. SMA Surface on the Passing Lane, extending 6" onto the Driving Lane.

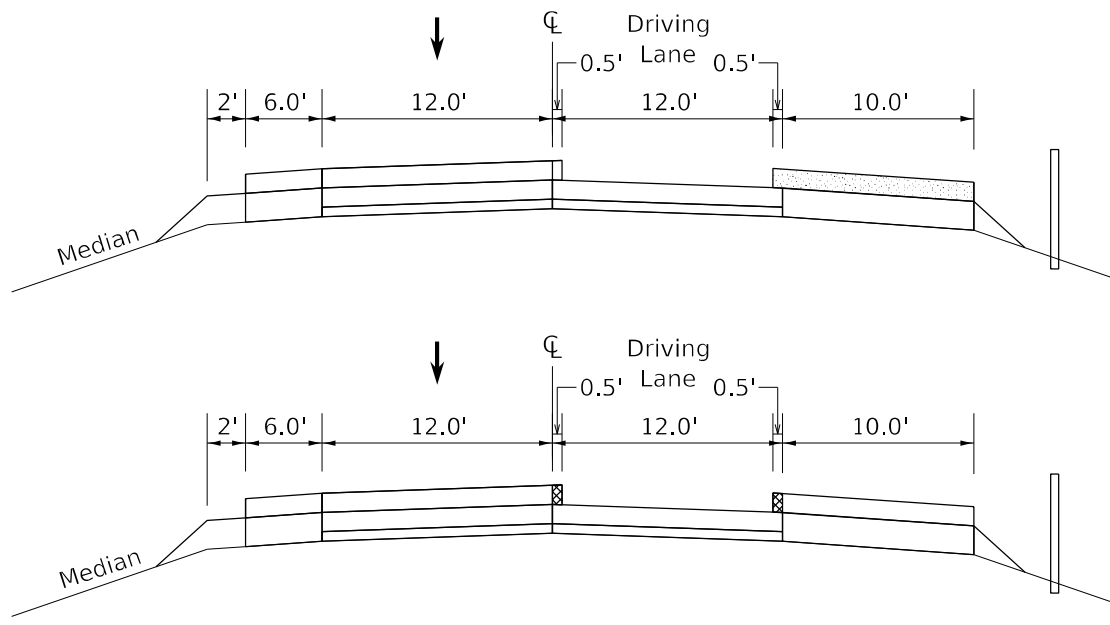
Place Short-Term Pavement Markings on edge line per Art. 703.03.



TRAFFIC

Complete this work utilizing Traffic Control and Protection Standards 701400, 701401, & 701428.

If the contractor chooses to place Aggregate Shoulders during this stage, Traffic Control and Protection Standard 701406 is to be utilized.

STAGE IV



-  Place 2" of Shoulder Mix on the Outside Shoulder - Extending 6" onto the Driving Lane
-  Remove 6" Overhangs - Paid as Surface Removal Special

STAGE IV

PURPOSE

Complete SMA Surface Course and HMA Shoulder on the Outside Shoulder and Driving Lane.

CONSTRUCTION

Place 2" of Shoulder Mix on the Outside Shoulder, extending 6" onto the Driving Lane.

Joint Trim the Driving Lane/Outside Shoulder and Passing Lane/Driving Lane Joints.

Place 2" of Poly. SMA Surface on the Driving Lane.

Place Short-Term Pavement Markings on edge line per Art. 703.03.

TRAFFIC

Complete this work utilizing Traffic Control and Protection Standards 701400, 701401, & 701428.

If the contractor chooses to place Aggregate Shoulders during this stage, Traffic Control and Protection Standard 701406 is to be utilized.

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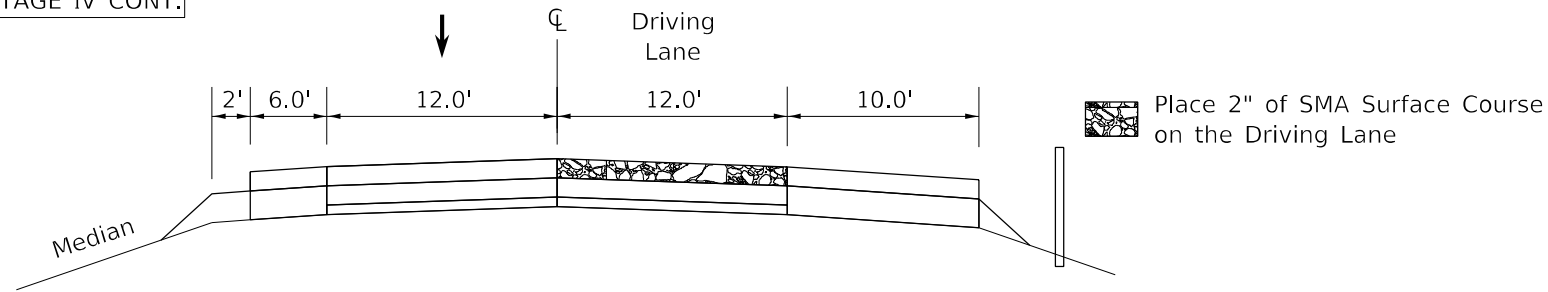
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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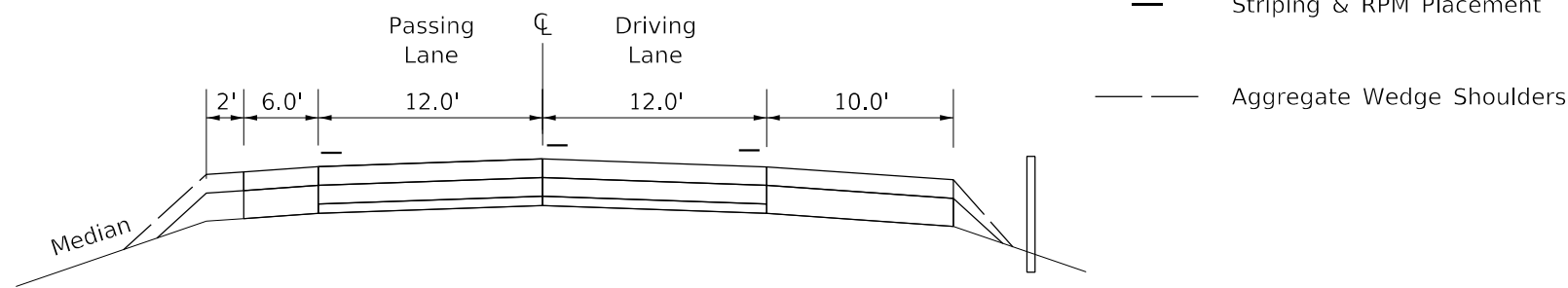
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	79
CONTRACT NO. 68F87				

STAGE IV CONT.



STAGE V



STAGE V

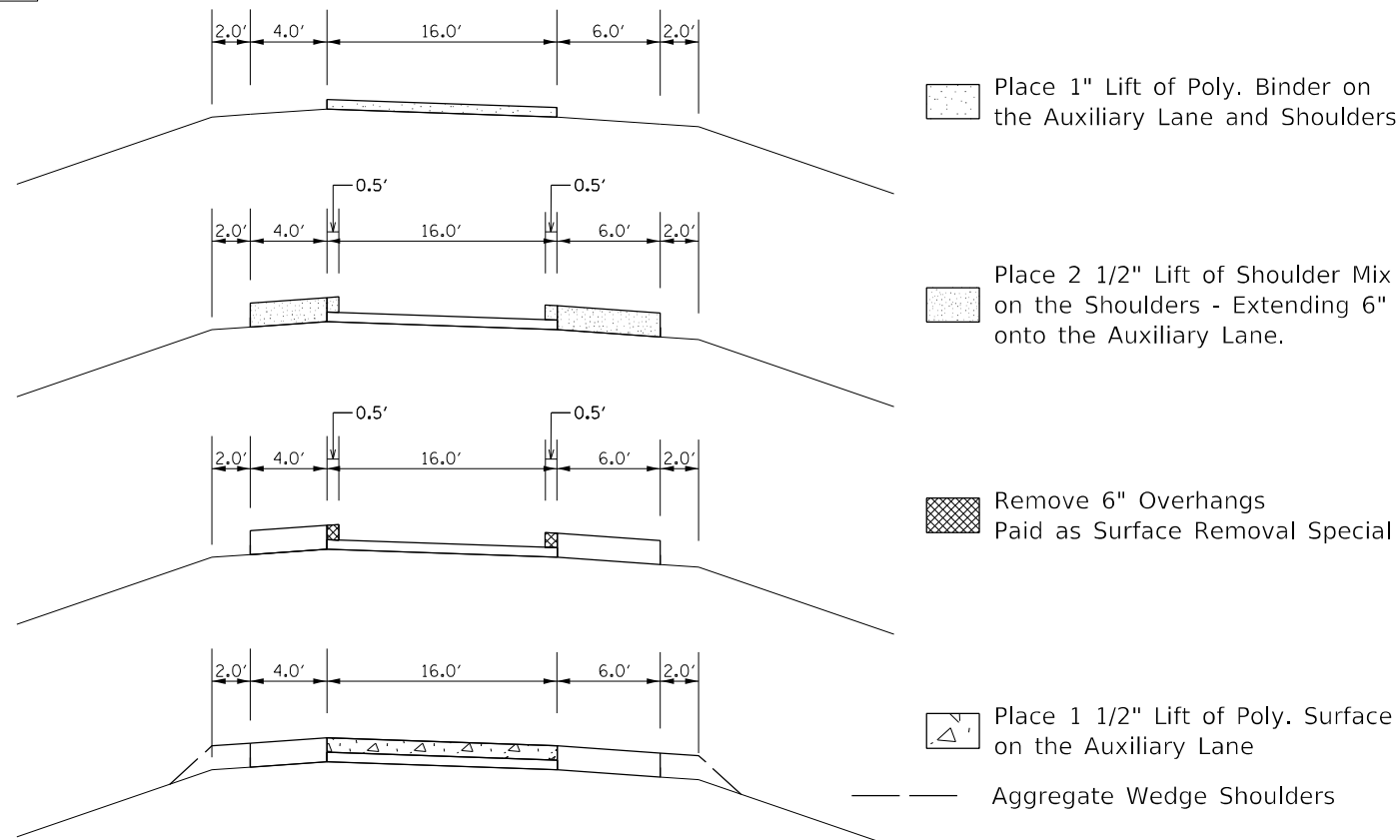
PURPOSE/CONSTRUCTION

Complete Jobsite Striping, placement of Aggregate Shoulders, and any remaining items.

TRAFFIC

Complete this work utilizing Traffic Control and Protection Standards 701400, 701406, 701426, & 701428.

RAMPS



Auxiliary Lanes

Ramp A & C = Exit Ramp Terminals
Ramp B & D = Entrance Ramp Terminals

PURPOSE

Class B patching and placement of HMA on Auxiliary Lane and Inside and Outside Shoulders.

CONSTRUCTION

Complete Class B Patching on Ramps.

Remove existing RPM's within the allowed closure.

Place 1" HMA Poly. Binder on the Auxiliary Lane

Place 2 1/2" of Shoulder Mix on the Inside and Outside Shoulders - Extending 6" onto the Auxiliary Lane

Joint trim the Auxiliary Lane/Outside Shoulder & Auxiliary Lane/Inside Shoulder.

Place 1 1/2" of Poly. Surface on the Auxiliary Lane

Place Short-Term Pavement Markings on edge line per Art. 703.03

Place Aggregate Wedge Shoulders.

TRAFFIC

Proposed improvements to Ramps to be completed during Ramp Closures

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVING SEQUENCE

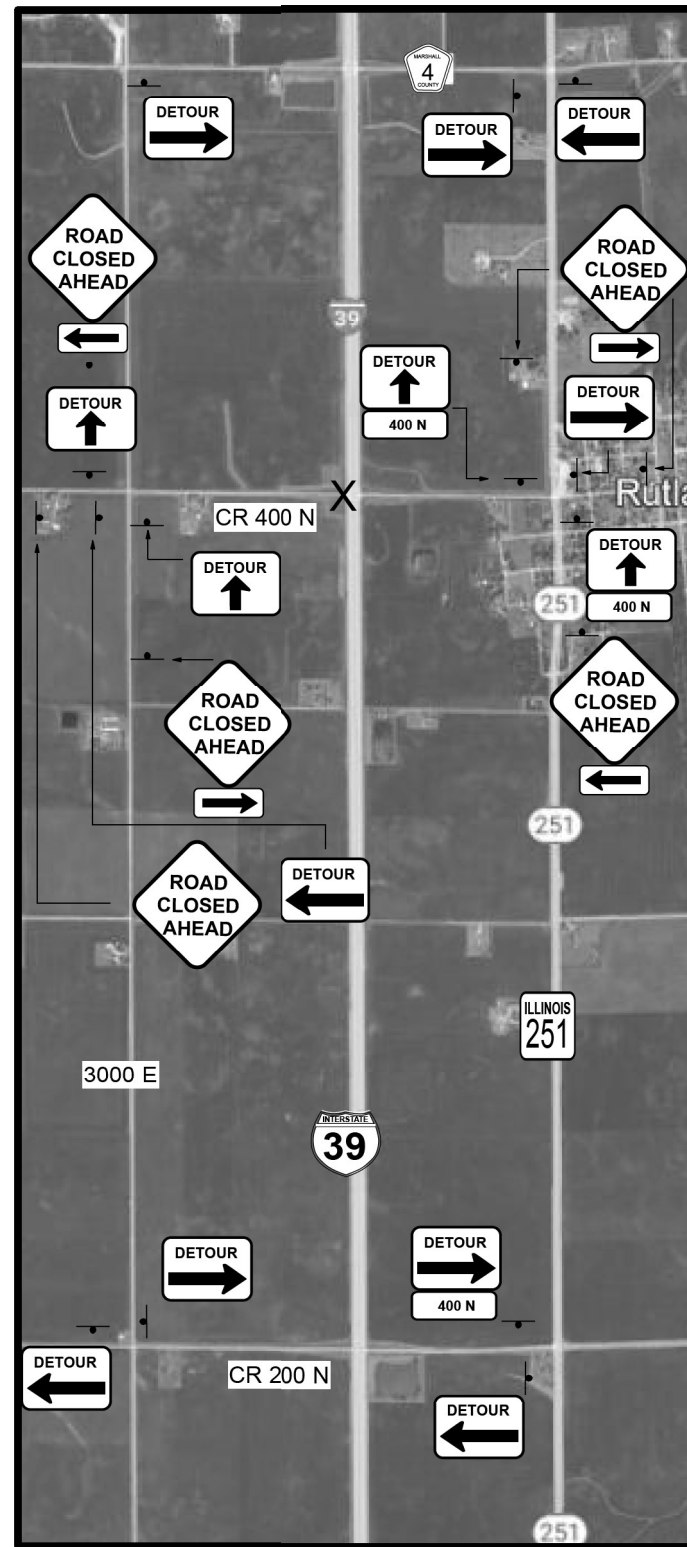
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	80
CONTRACT NO. 68F87				

102(3RS-2.4RS)(62-2)RS-1

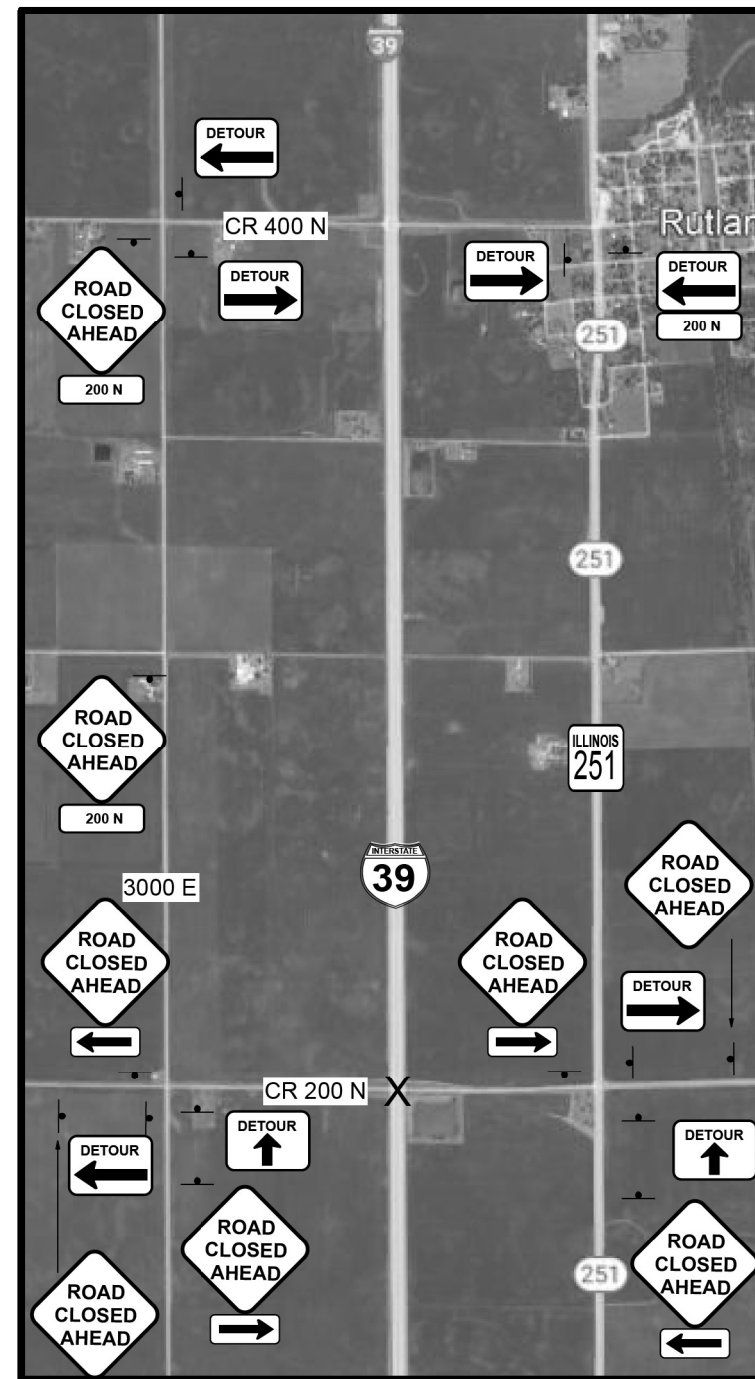
MARSHALL, WOODFORD

CR 400 N CLOSURE/DETOUR



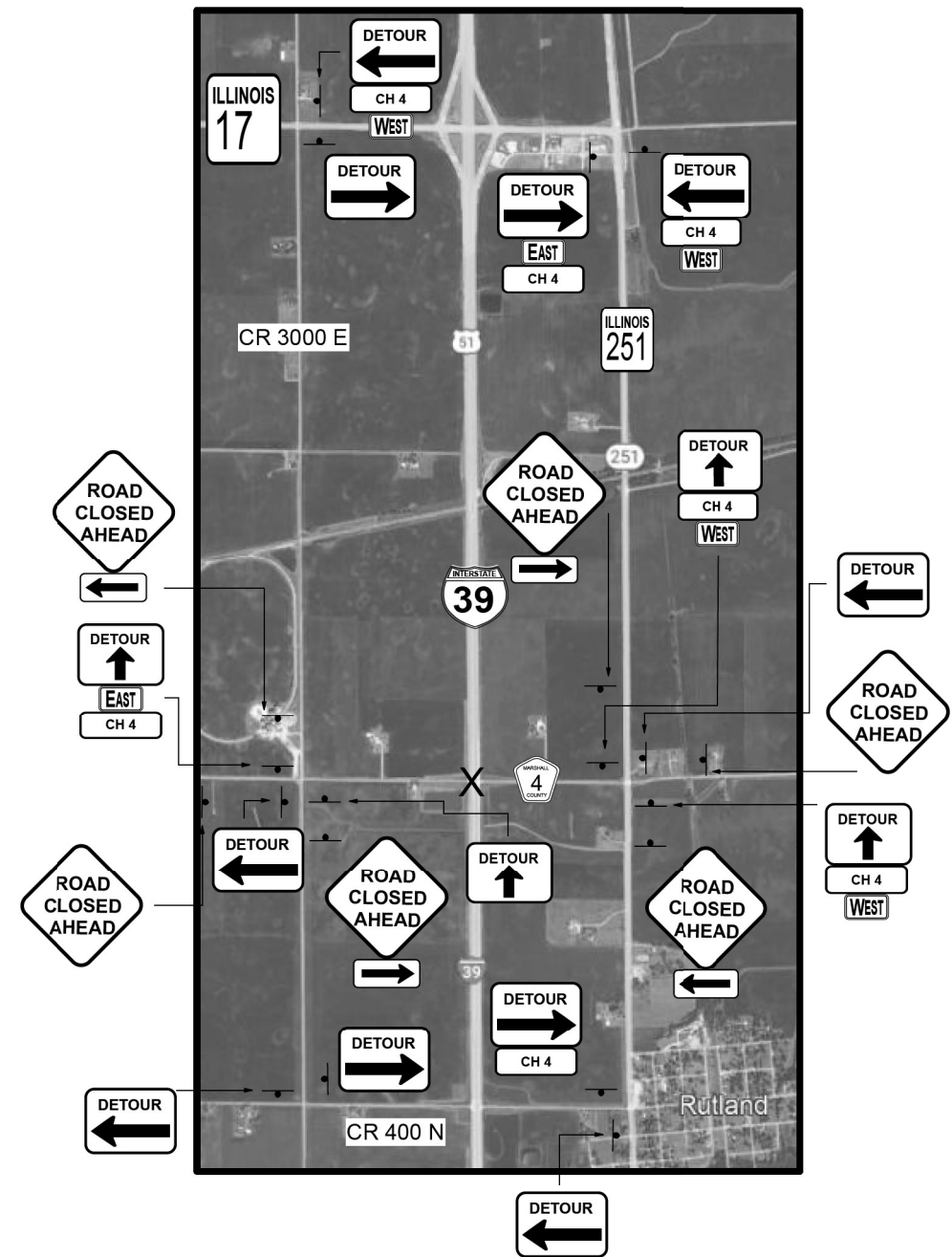
BLR 21-9 SHALL BE USED ON EACH APPROACH TO THE STRUCTURE.

CR 200 N CLOSURE/DETOUR



BLR 21-9 SHALL BE USED ON EACH APPROACH TO THE STRUCTURE.

CH 4- CLOSURE/DETOUR



BLR 21-9 SHALL BE USED ON EACH APPROACH TO THE STRUCTURE..

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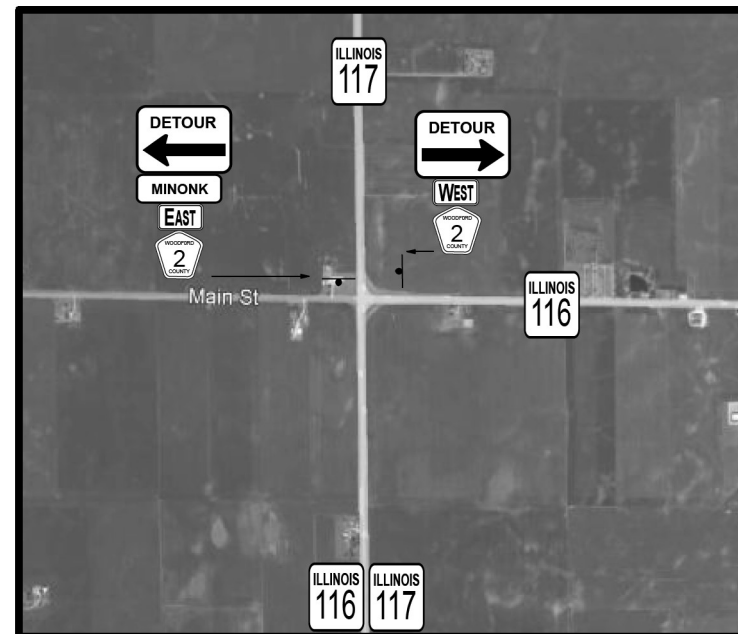
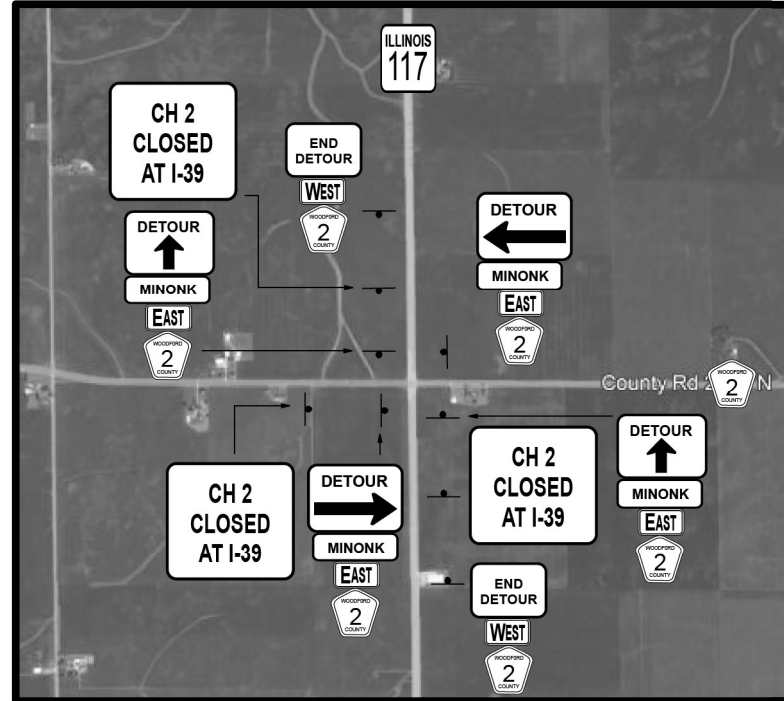
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN - DETOUR

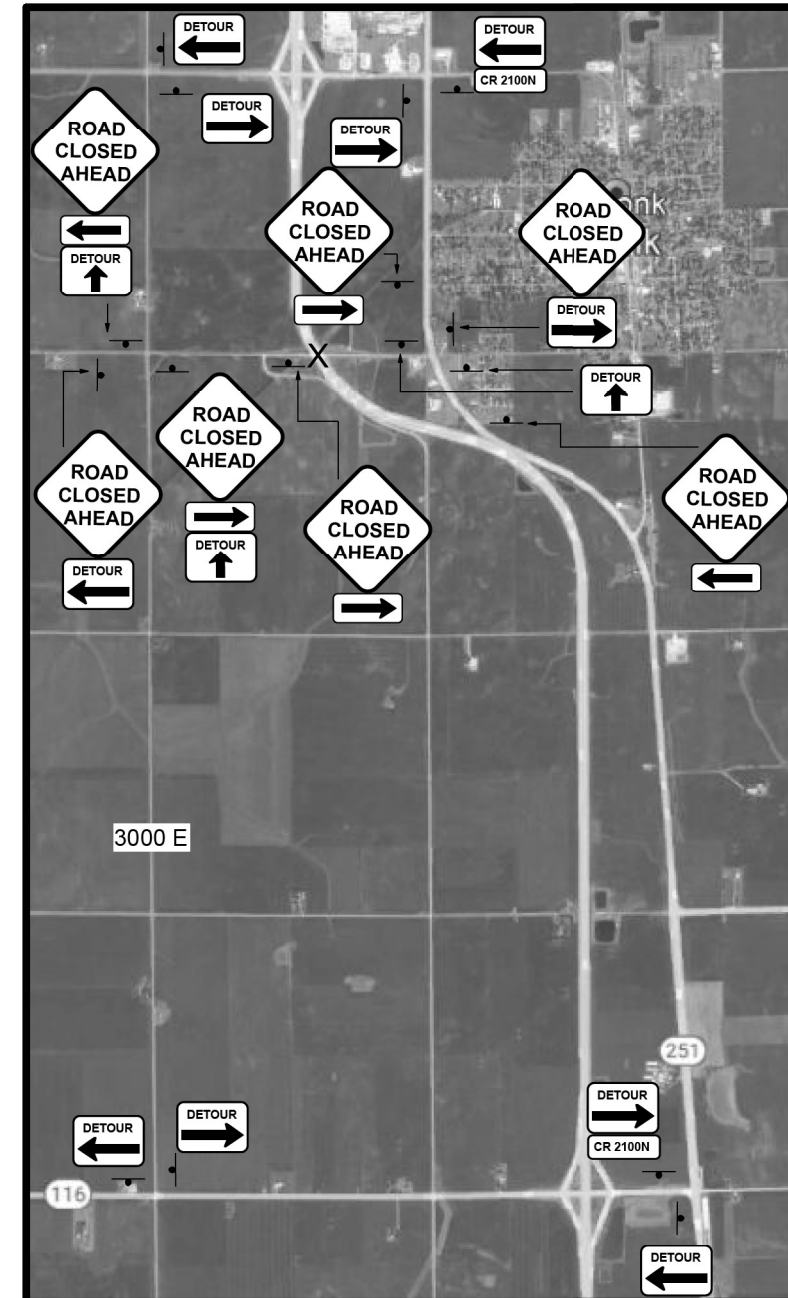
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	81
CONTRACT NO. 68F87				

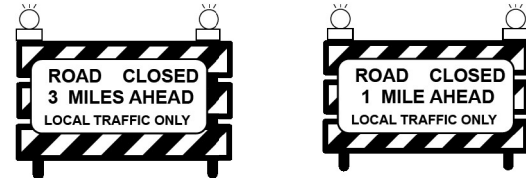
EXIT 27/ CH 2 CLOSURE/DETOUR



2100 N CLOSURE/DETOUR



SIGNS TO BE PLACED ON EB CH 2 EAST OF IL 117.



MODEL: Default
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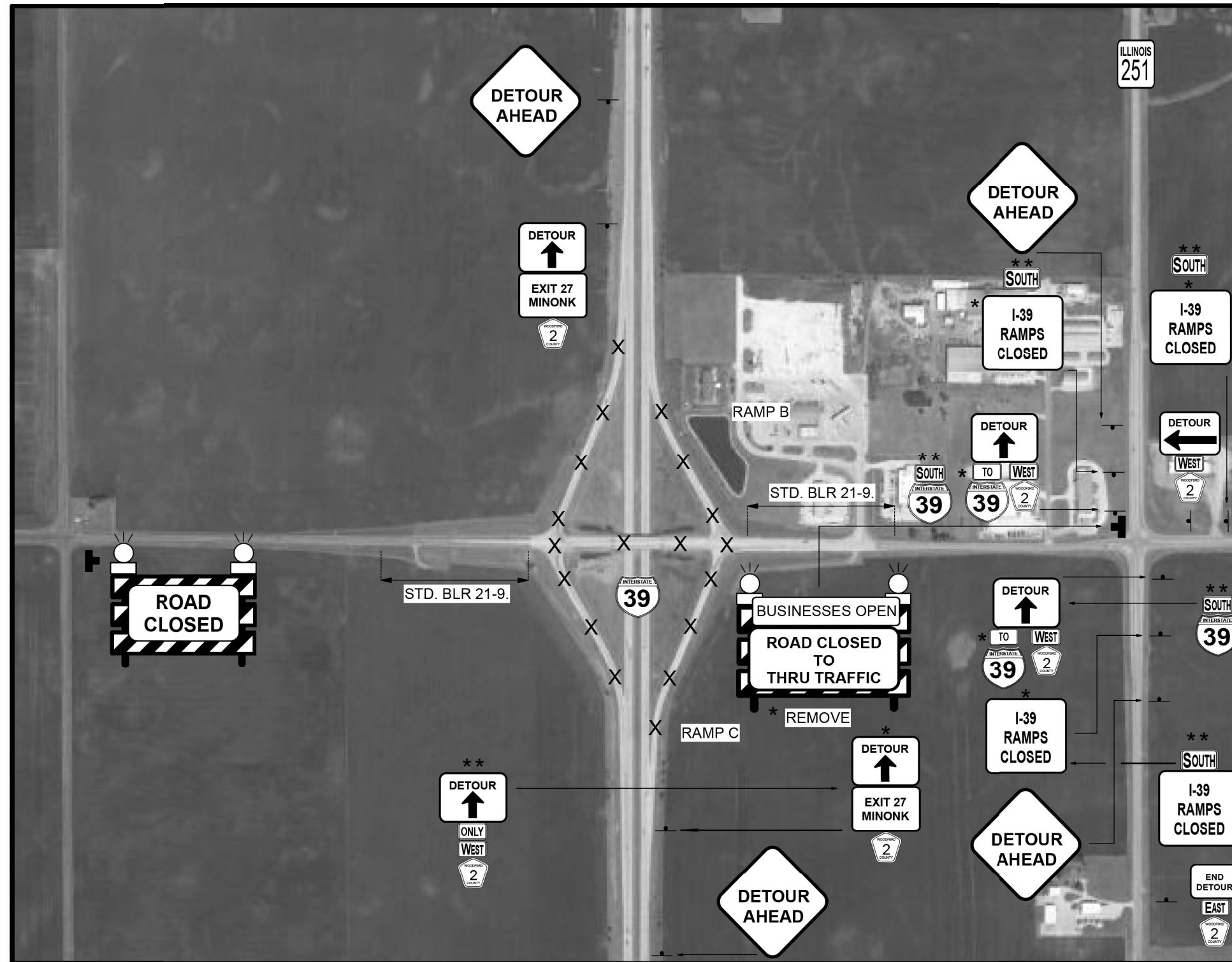
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC CONTROL PLAN - DETOUR

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	82
CONTRACT NO. 68F87				

EXIT 27/ CH 2 CLOSURE/DETOUR DETAILS



FOUR MESSAGE BOARDS SHALL BE PLACED SEVEN DAYS IN ADVANCE OF THE RAMP/BRIDGE CLOSURE. ONE ON NB AND SB I-39 AND ONE ON EB AND WB 2200 N.

ALL SIGNS SHALL BE GROUND POST MOUNTED.

ALL SIGNAGE SHALL CONFORM TO THE MUTCD FOR INTERSTATE AND CONVENTIONAL ROADS. THE I-39 EMBLEM MAY BE A 24" EMBLEM SIGN.

I-39 RAMPS CLOSED
TYPICAL-BLACK ON ORANGE
48" X48"

STD. 701451 SHALL BE USED ON I-39 FOR RAMP CLOSURES IN ADDITION TO THE DETOUR SIGNING SHOWN.

* = SIGN CHANGES WHEN RAMP B & C OPEN

** = NEW PROPOSED SIGNAGE OR REQUIRED ACTION

COVER = SIGN MAY BE COVERED OR REMOVED

THE PAVED U-TURN LOCATED TO THE NORTH AND SOUTH OF EXIT 27 SHALL BE CLOSED WITH TWO TYPE THREE BARRICADES EACH.

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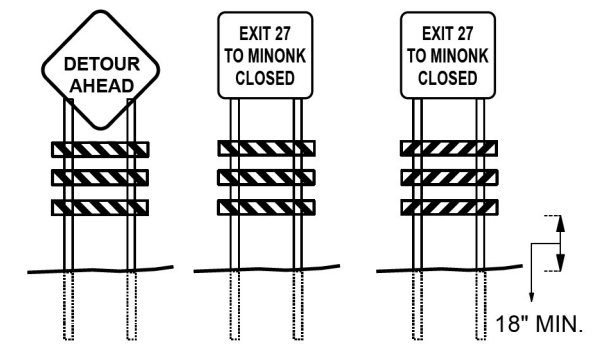
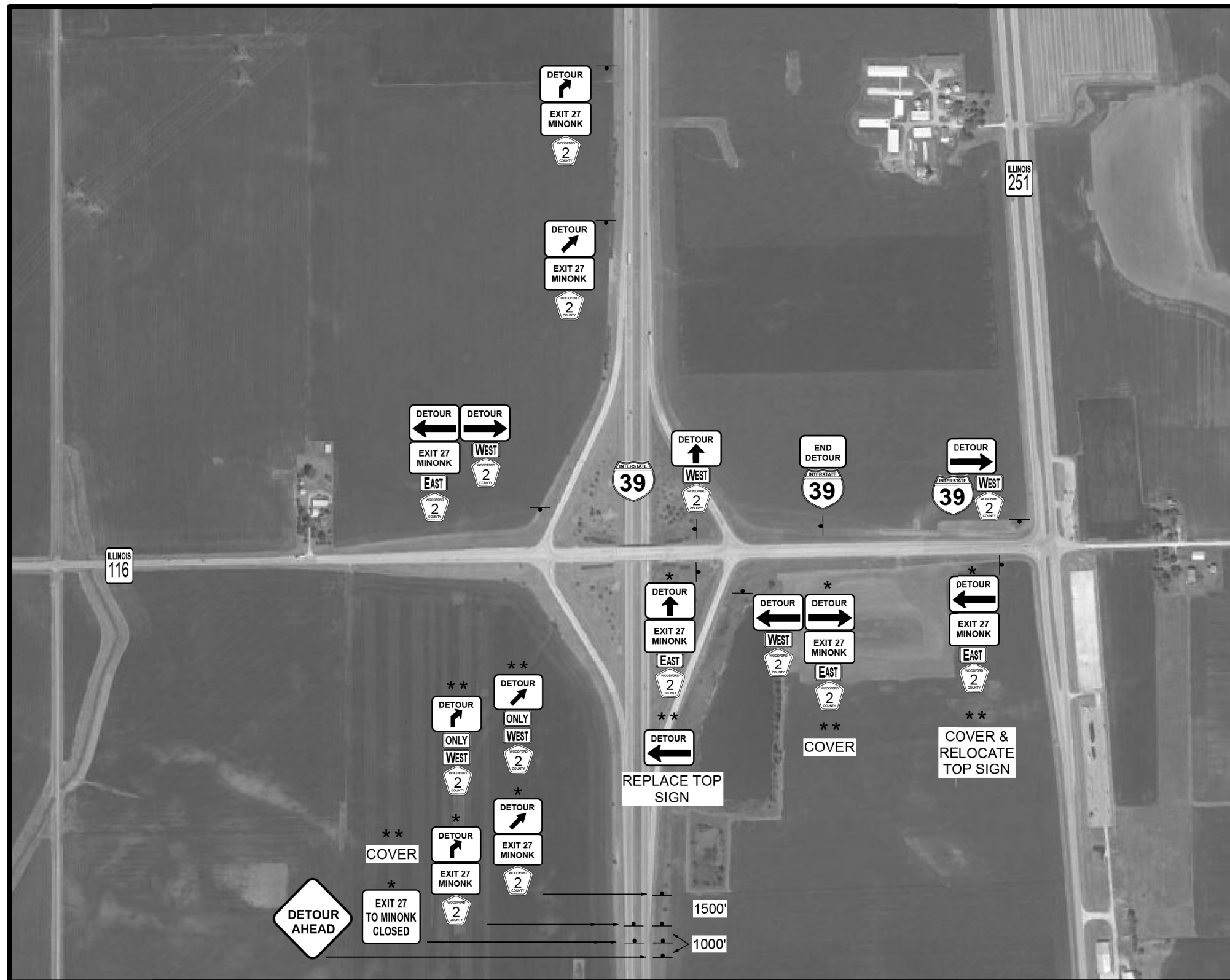
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN - DETOUR

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	-	114	83
			CONTRACT NO. 68F87	

EXIT 27/ CH 2 CLOSURE/DETOUR DETAILS



THE ABOVE SIGNS SHALL BE AS SHOWN WITH THE ADDITIONAL PANELS FOR THE FOLLOWING:
 SB I-39 PRIOR TO IL 17
 NB I-39 PRIOR TO IL 116

ORANGE ON WHITE STRIPES
 48" X 8"

* = SIGN CHANGES WHEN RAMP B & C OPEN

** = NEW PROPOSED SIGNAGE OR REQUIRED ACTION

COVER = SIGN MAY BE COVERED OR REMOVED

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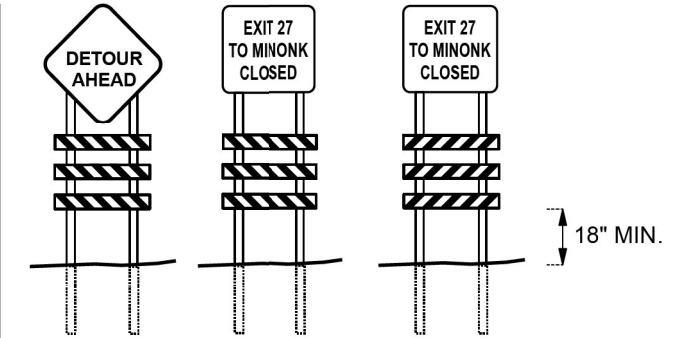
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TRAFFIC CONTROL PLAN - DETOUR

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	84
CONTRACT NO. 68F87				

EXIT 27/ CH 2 CLOSURE/DETOUR DETAILS



THE ABOVE SIGNS SHALL BE AS SHOWN WITH THE ADDITIONAL PANELS FOR THE FOLLOWING :

SB I-39 PRIOR TO IL 17
NB I-39 PRIOR TO IL 116

ORANGE ON WHITE STRIPES
48" X 8"

* = SIGN CHANGES WHEN RAMP B & C OPEN

** = NEW PROPOSED SIGNAGE OR REQUIRED ACTION

COVER = SIGN MAY BE COVERED OR REMOVED

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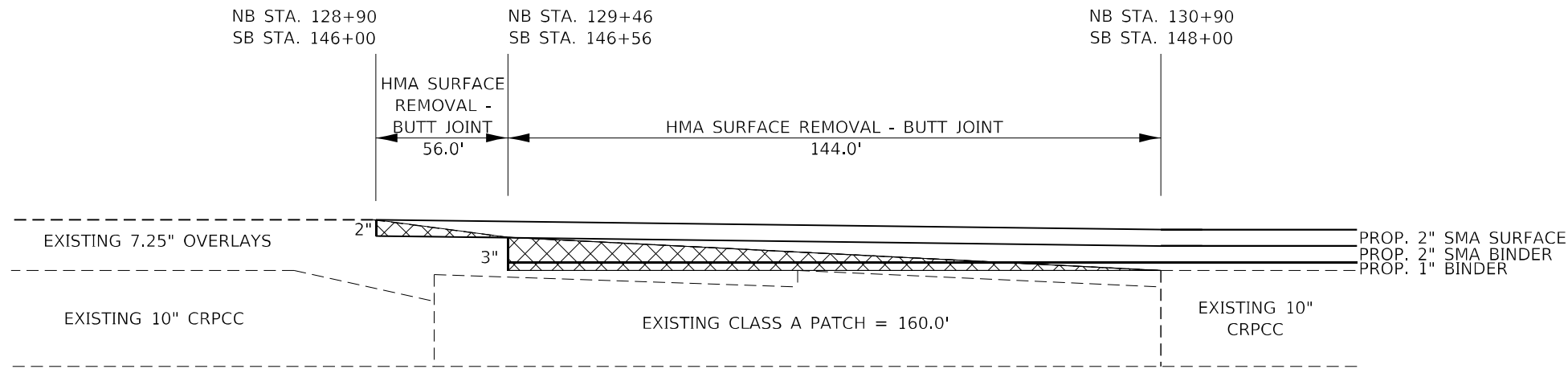
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC CONTROL PLAN - DETOUR

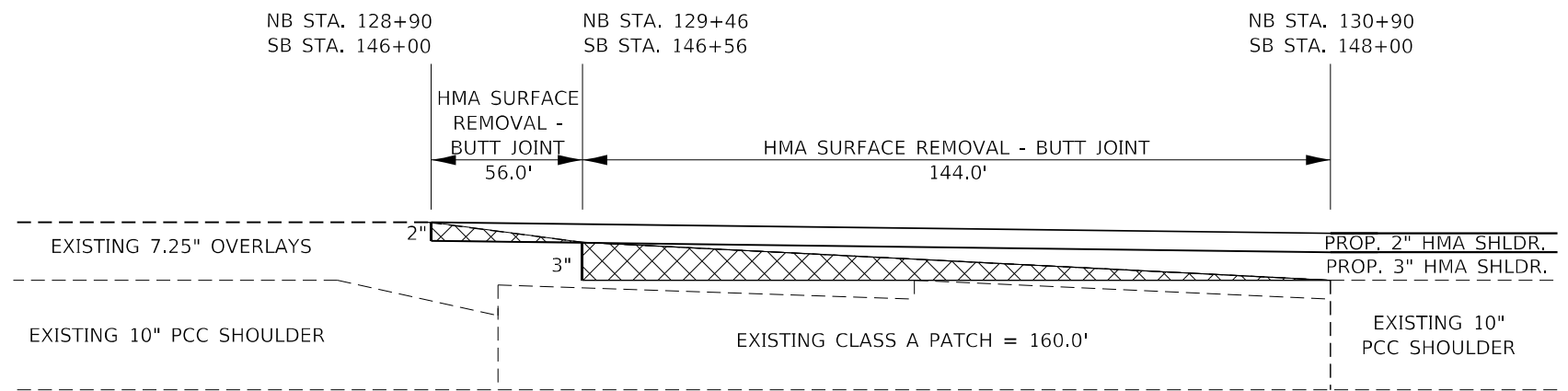
SCALE: SHEET 5 OF 5 SHEETS STA. TO STA.


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	85
CONTRACT NO. 68F87				

MAINLINE-PROJECT BEGINNING

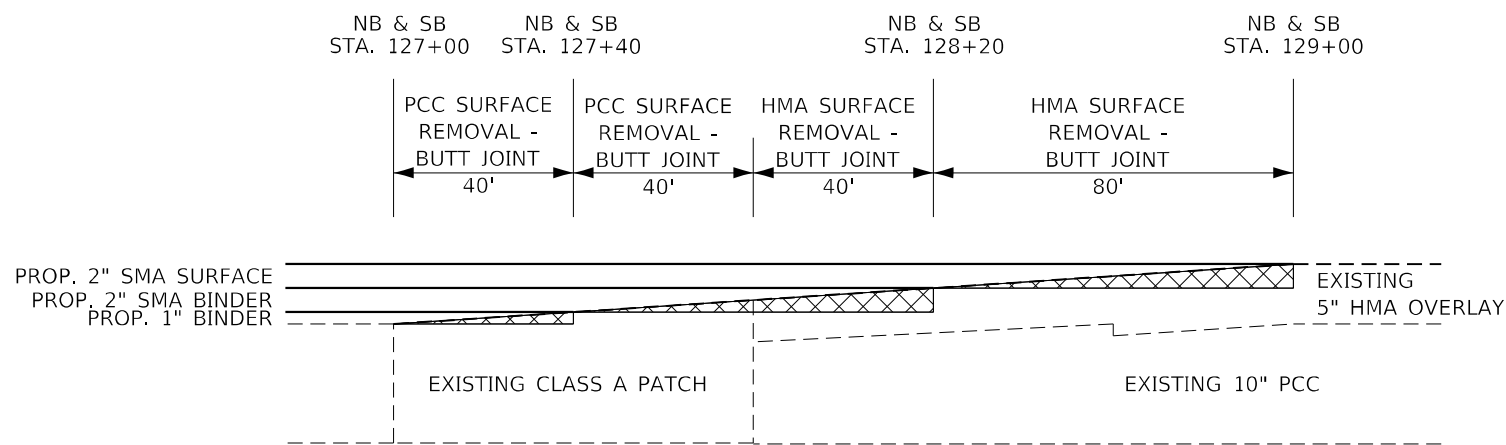


SHOULDERS-PROJECT BEGINNING

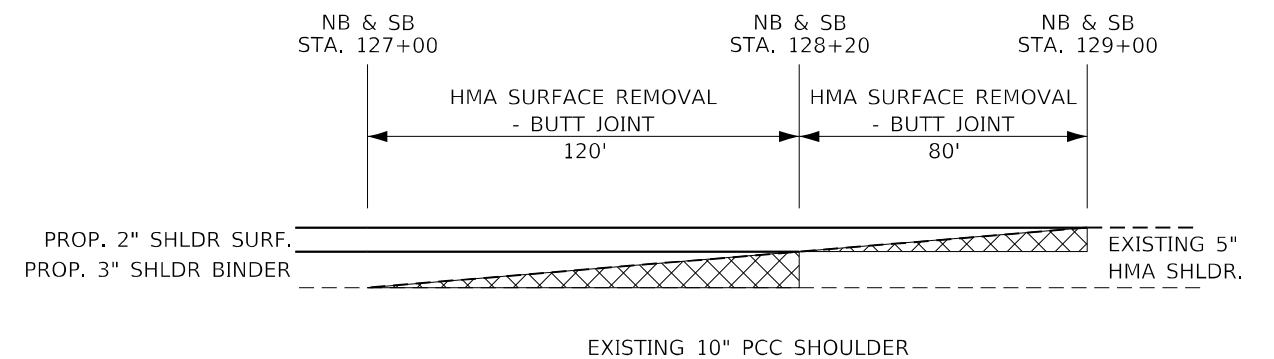


 SURFACE REMOVAL - BUTT JOINT

MAINLINE-PROJECT ENDING



SHOULDERS-PROJECT ENDING



DRAWING NOT TO SCALE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT DETAILS

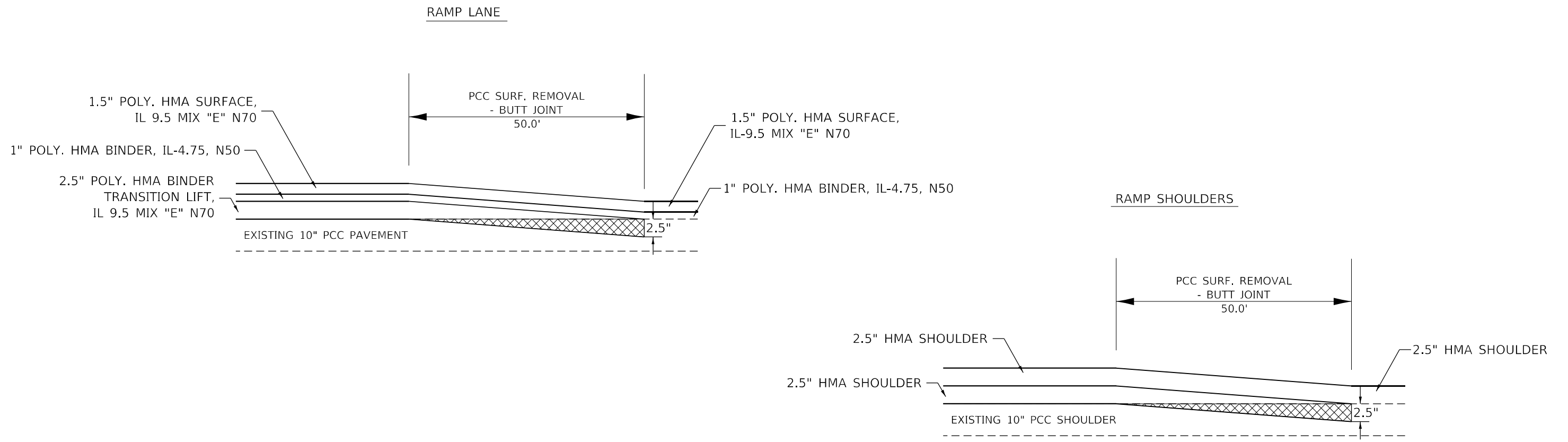
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	86
			CONTRACT NO. 68F87	

102(3RS-2.4RS)(62-2)RS-1

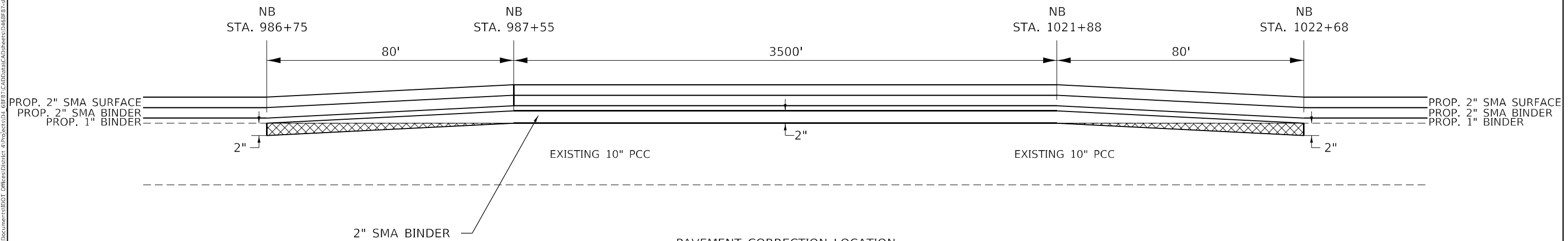
MARSHALL, WOODFORD

DETAIL A



PCC SURFACE REMOVAL PAID AS PCC SURFACE REMOVAL - BUTT JOINT

DETAIL B



PAVEMENT CORRECTION LOCATION
 NORTHBOUND ONLY
 APPLIES TO MAINLINE PAVEMENT AND SHOULDERS
 STA. 986+75 TO STA. 1022+68

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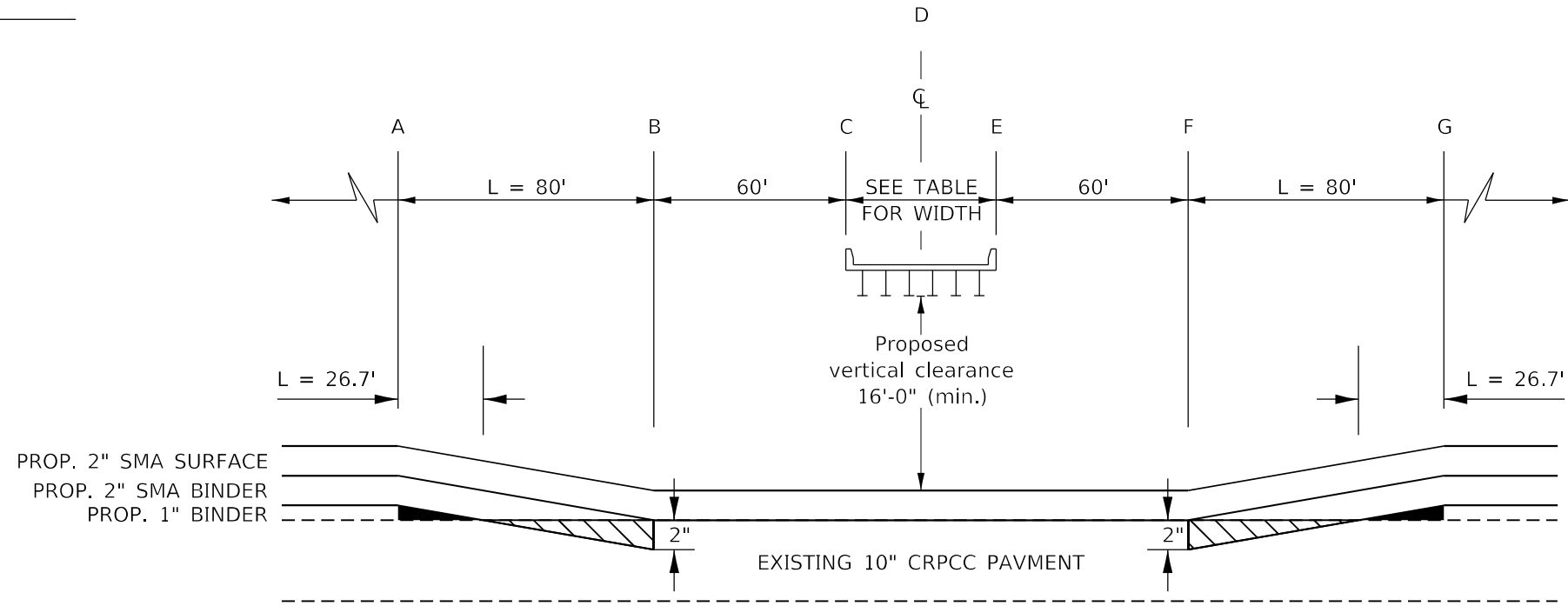
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**



BUTT JOINT DETAILS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	87
CONTRACT NO. 68F87				

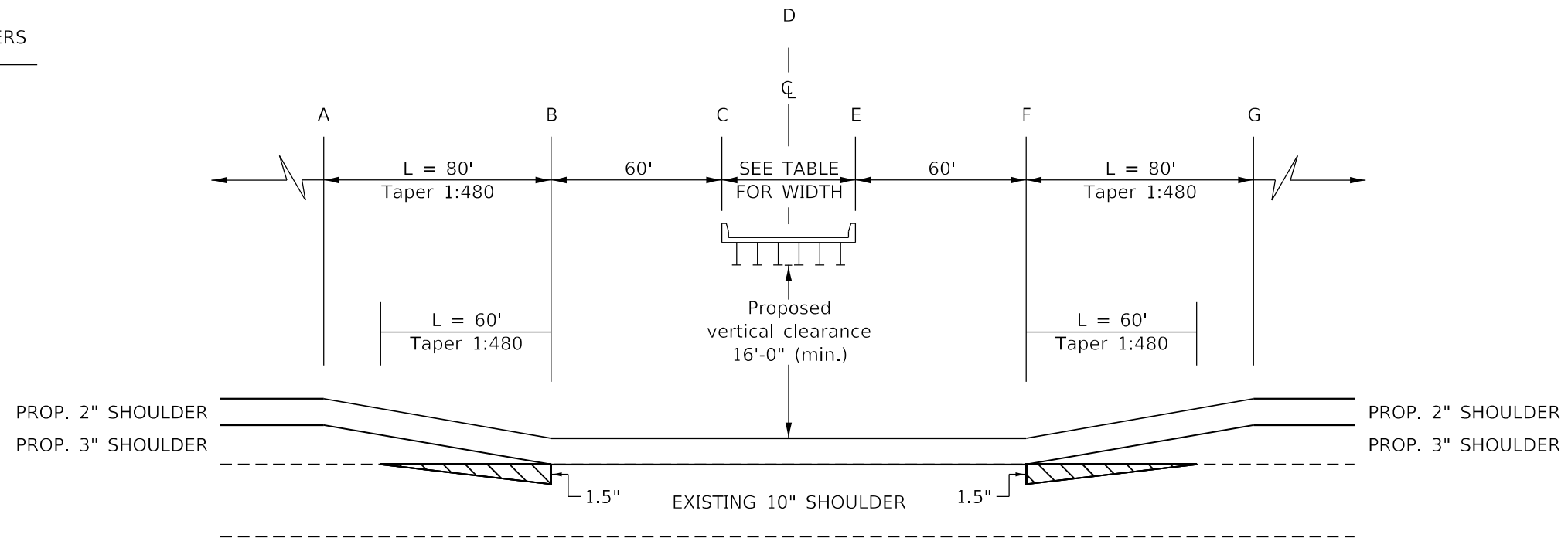
DRIVING LANE AND PASSING LANE



-  PCC SURFACE REMOVAL - BUTT JOINT
-  TAPER BINDER FROM 1" TO 0"

STRUCTURE	BRIDGE WIDTH	STATIONING							
		A	B	C	D	E	F	G	
NB 102-0047	C.H. 2	65.17	967+37.07	968+17.07	968+77.07	969+09.65	969+42.24	970+02.24	970+82.24
NB 062-0054	C.R. 400N	31.17	1233+73.39	1234+53.39	1235+13.39	1235+28.97	1235+44.55	1236+04.55	1236+84.55

INSIDE AND OUTSIDE SHOULDERS



DRAWING NOT TO SCALE

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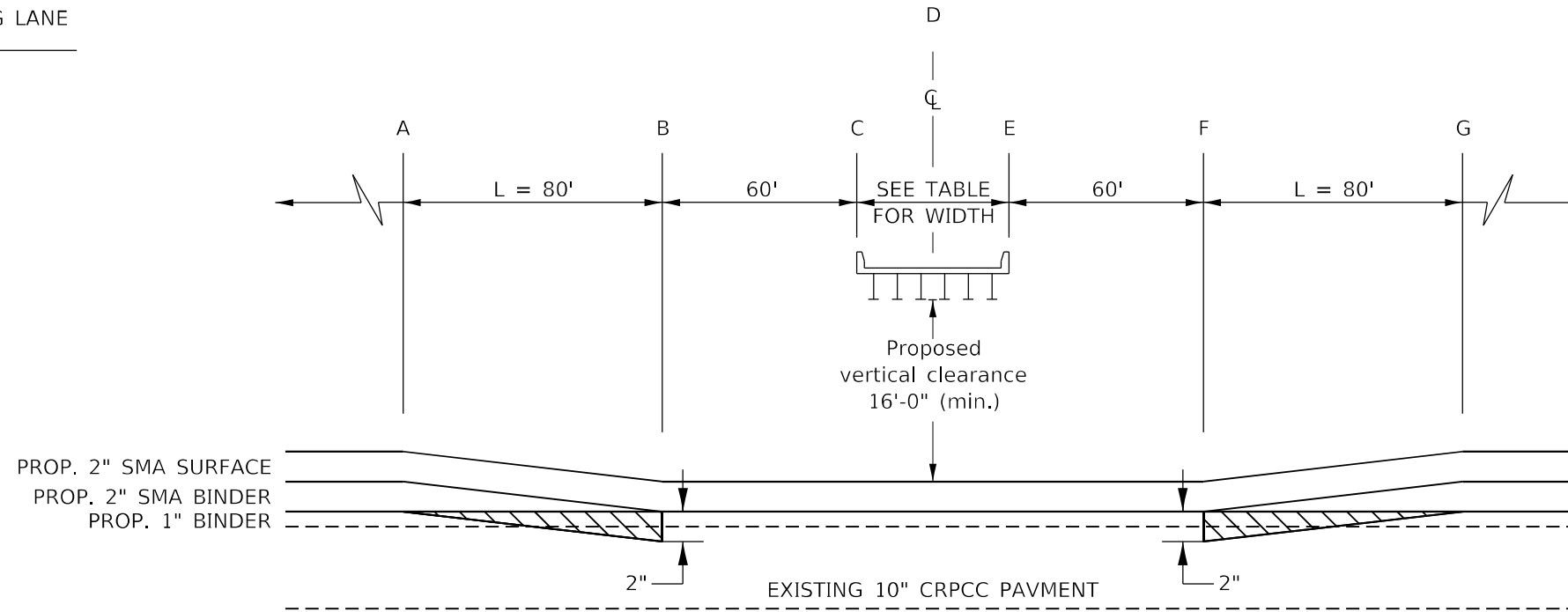
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RESURFACING UNDER STRUCTURES DETAIL

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	88
CONTRACT NO. 68F87				

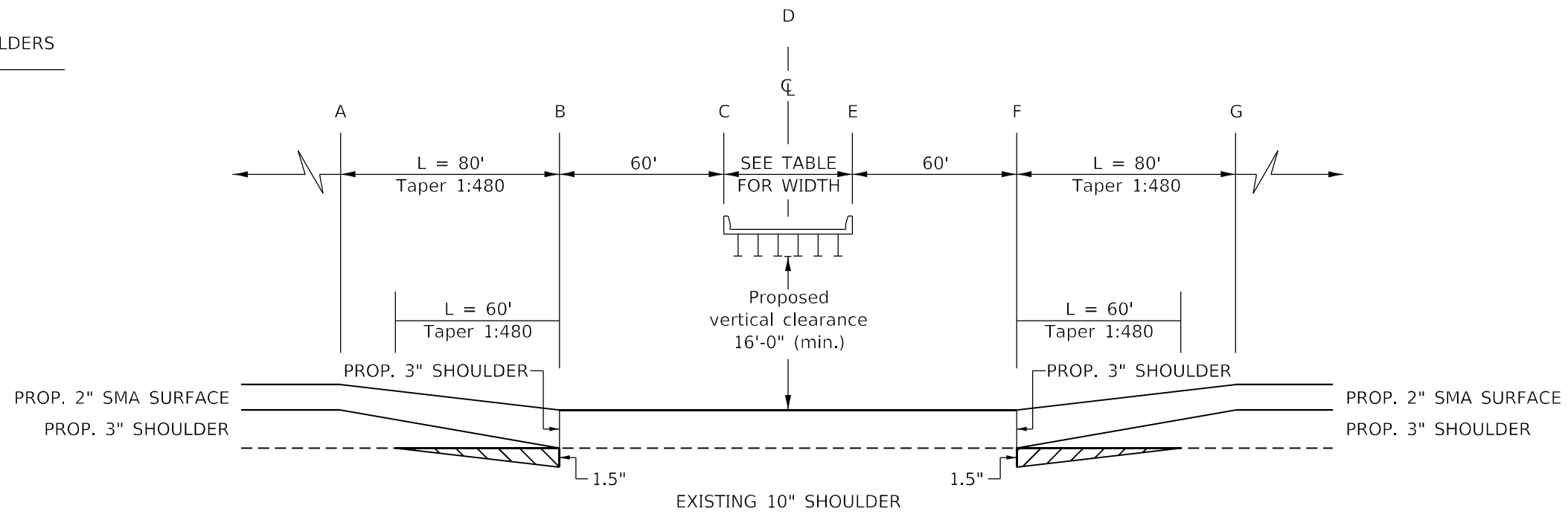
DRIVING LANE AND PASSING LANE



STRUCTURE	BRIDGE WIDTH	STATIONING							
		A	B	C	D	E	F	G	
SB 102-0047	C.H. 2	65.17	967+37.07	968+17.07	968+77.07	969+09.65	969+42.24	970+02.24	970+82.24
NB 062-0053	C.H.4	37.17	119+44.48	120+24.48	120+84.48	121+03.06	121+21.64	121+81.64	122+61.64
SB 062-0053	C.H.4	37.17	119+44.48	120+24.48	120+84.48	121+03.06	121+21.64	121+81.64	122+61.64

PCC SURFACE REMOVAL - BUTT JOINT

INSIDE AND OUTSIDE SHOULDERS



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RESURFACING UNDER STRUCTURES DETAIL

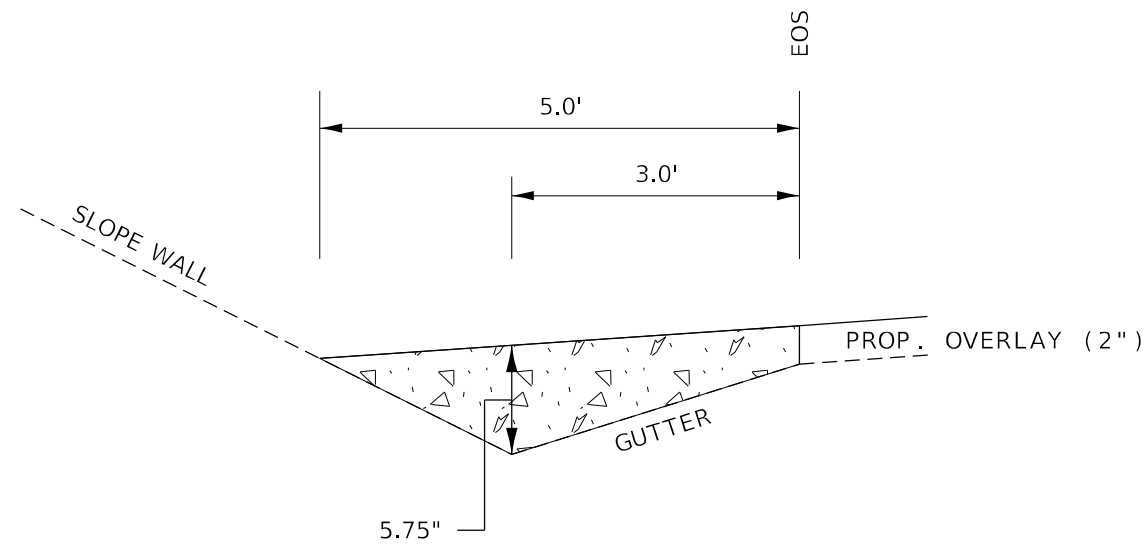
SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	89
CONTRACT NO. 68F87				

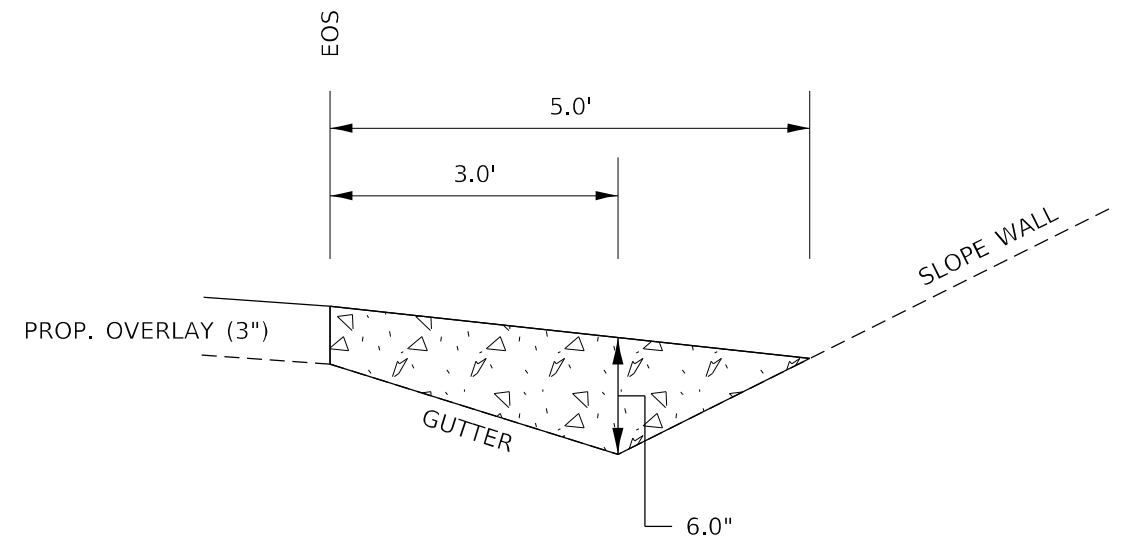
102(3RS-2.4RS)(62-2)RS-1

MARSHALL, WOODFORD

SN 102-0047 (NB)
SN 062-0054 (NB)

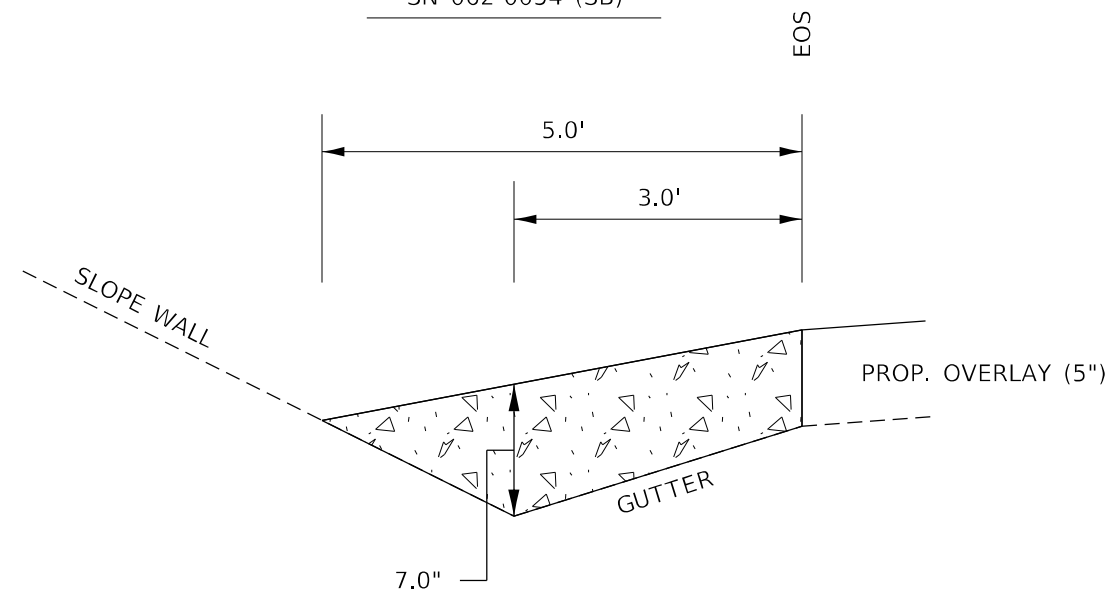


SN 102-0047 (SB)
SN 062-0053 (NB & SB)



INCIDENTAL HMA SURFACING

SN 102-0048 (NB & SB)
SN 062-0055 (NB & SB)
SN 062-0054 (SB)



NOTES:

1. ANY EXISTING DEBRIS IN GUTTER SHALL BE CLEANED PRIOR TO PLACEMENT OF INCIDENTAL HMA SURFACING.
2. POSITIVE DRAINAGE SHALL BE MAINTAINED THROUGH OVERLAID GUTTER SECTIONS.

INCIDENTAL HMA SURFACING		
STRUCTURE NUMBER	DIRECTION OF TRAVEL	TONS
102-0048	NORTHBOUND	5.8
	SOUTHBOUND	5.8
102-0047	NORTHBOUND	7.0
	SOUTHBOUND	7.9
062-0055	NORTHBOUND	4.9
	SOUTHBOUND	4.9
062-0054	NORTHBOUND	3.4
	SOUTHBOUND	4.9
062-0053	NORTHBOUND	4.5
	SOUTHBOUND	4.5

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SLOPE WALL GUTTER DETAIL

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

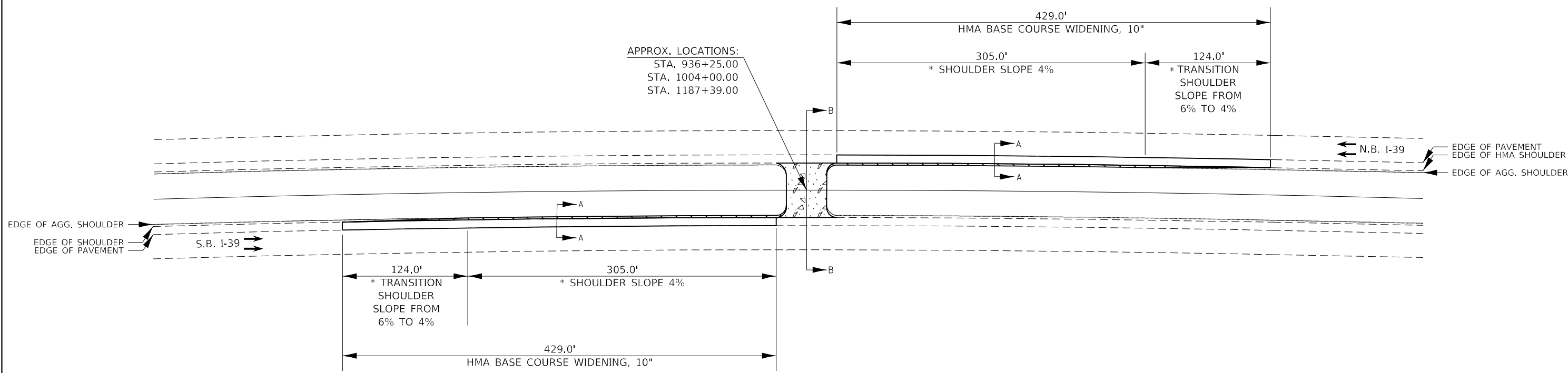
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	90
CONTRACT NO. 68F87				



102(3RS-2.4RS)(62-2)RS-1

MARSHALL, WOODFORD



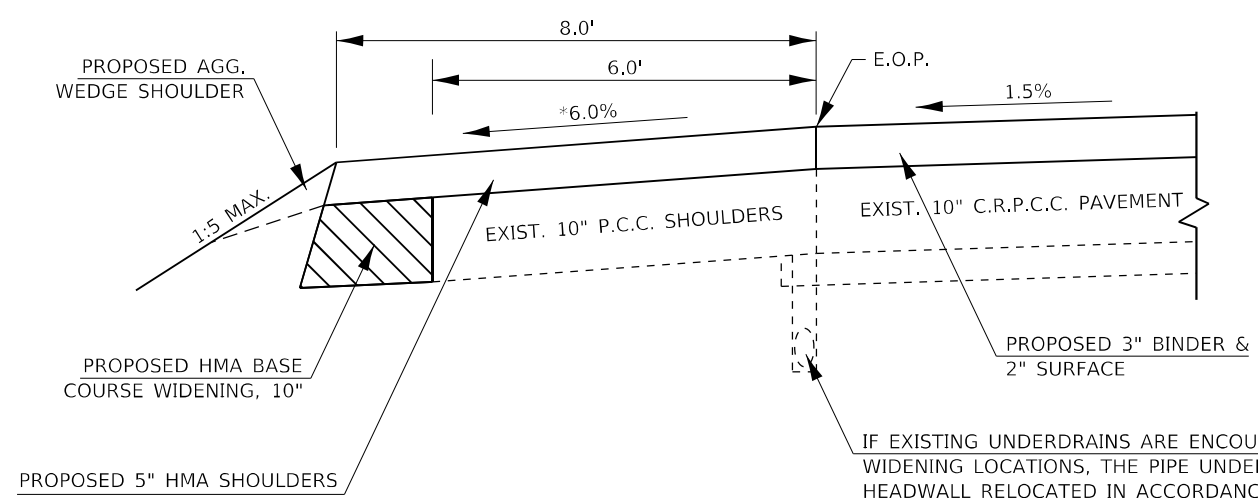
PLAN VIEW



	INCIDENTAL HMA SURFACING
	HMA BASE COURSE WIDENING, 10"

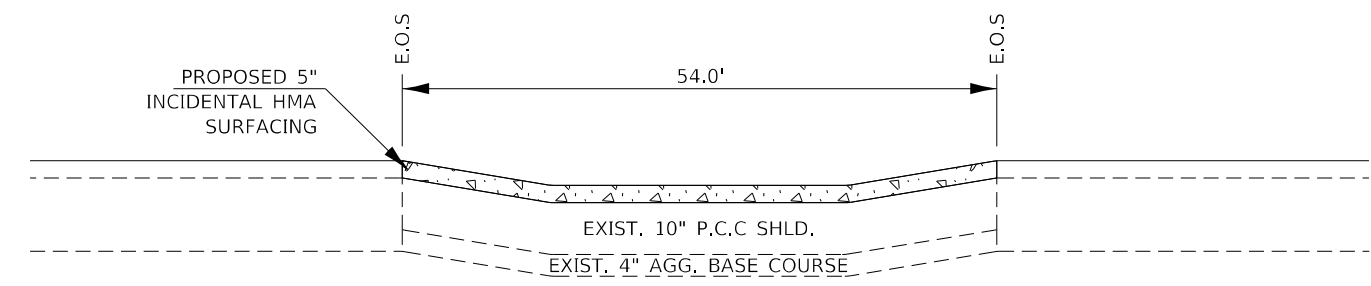
* ADJUST SLOPE TO MINIMIZE EARTHWORK ON THE FORESLOPE

SECTION A-A



IF EXISTING UNDERDRAINS ARE ENCOUNTERED AT THE CROSSOVER WIDENING LOCATIONS, THE PIPE UNDERDRAIN SHALL BE EXTENDED AND HEADWALL RELOCATED IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

SECTION B-B



DRAWING NOT TO SCALE

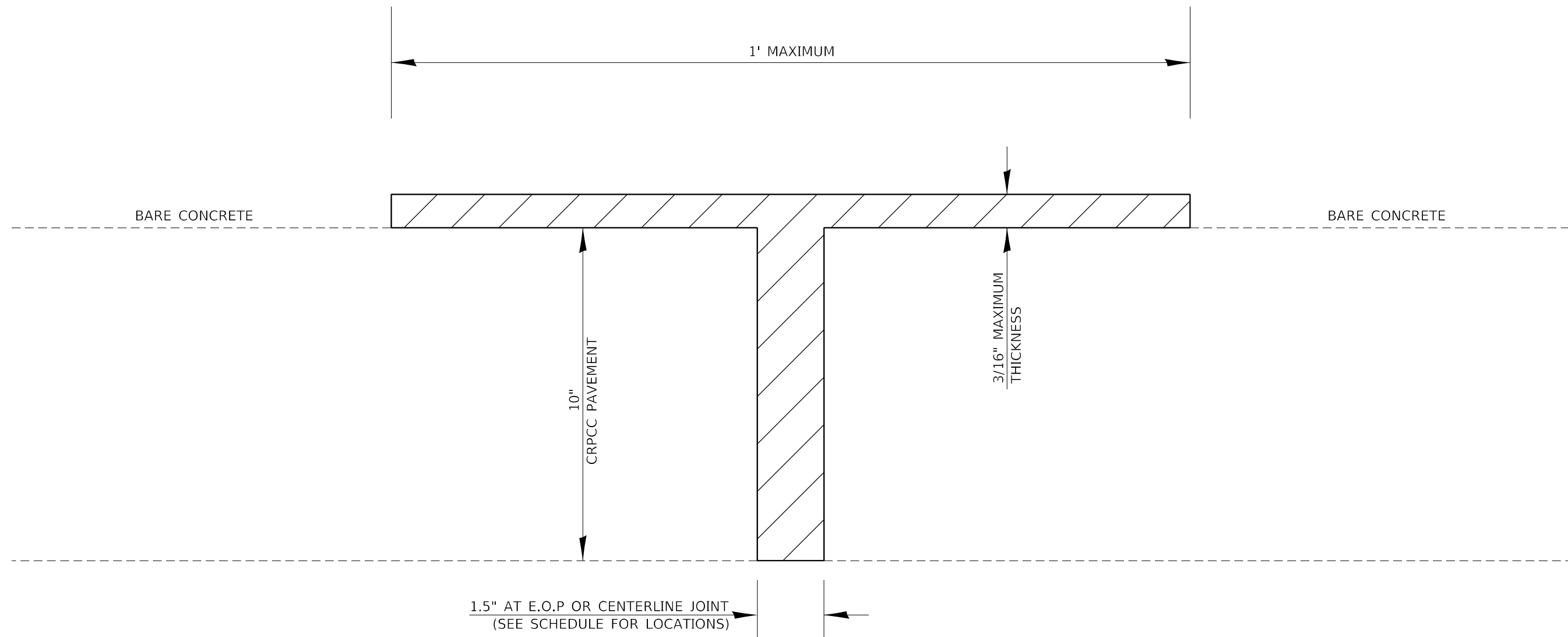
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
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PLOT DATE = 2/10/2022	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE CROSS-OVER DETAIL			
SCALE:	SHEET 2	OF 3	SHEETS
	STA.		TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	91
CONTRACT NO. 68F87				
ILLINOIS FED. AID PROJECT			MARSHALL, WOODFORD	



 MICRO-SURFACING MATERIALS
(SEE SCHEDULE OF QUANTITIES
AND JOINT FILLING SPECIAL
PROVISION)

NOTES:

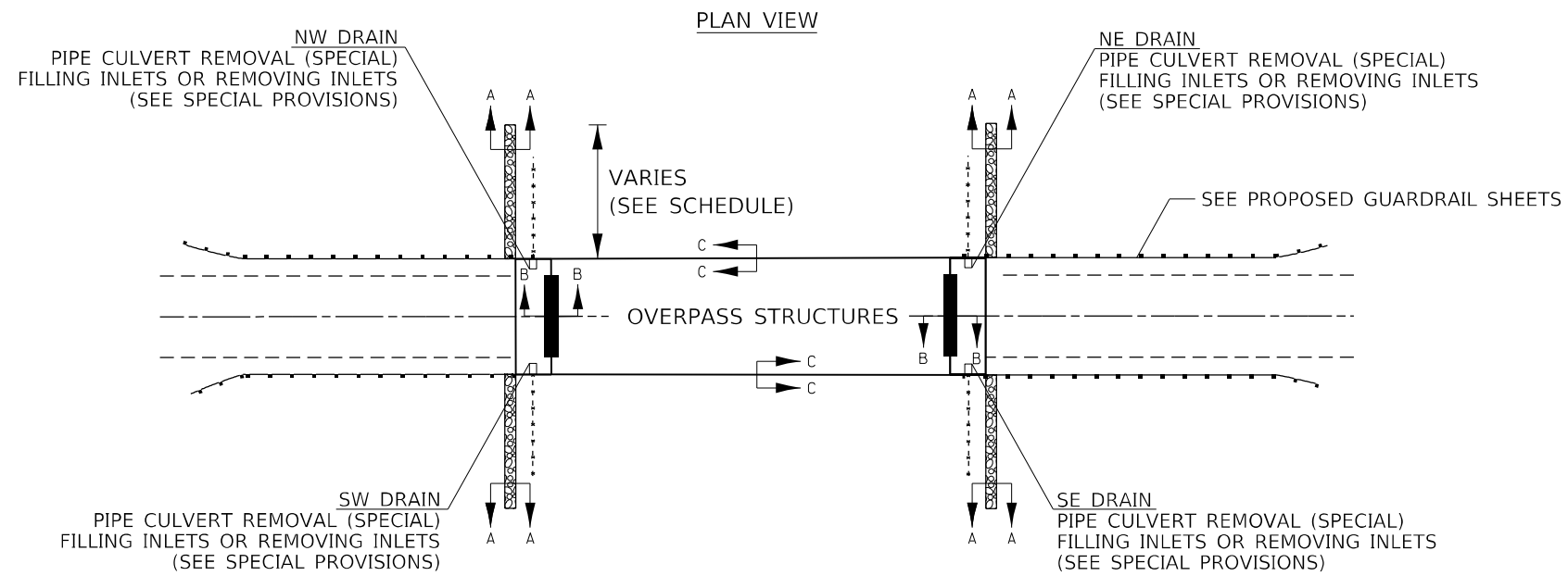
- CLEANING OF EXISTING E.O.P. AND CENTERLINE JOINTS SHALL BE TO THE SATISFACTION OF THE RESIDENT ENGINEER AND WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS
- AT LOCATIONS WHERE RUMBLE STRIPS ARE AT THE EDGE OF SHOULDER, RUMBLE STRIPS SHALL BE MILLED PRIOR TO INSTALLATION OF STRIP REFLECTIVE CRACK CONTROL, AS DIRECTED BY THE ENGINEER. PAID INCIDENTAL TO STRIP REFLECTIVE CRACK CONTROL TREATMENT.

DRAWING NOT TO SCALE

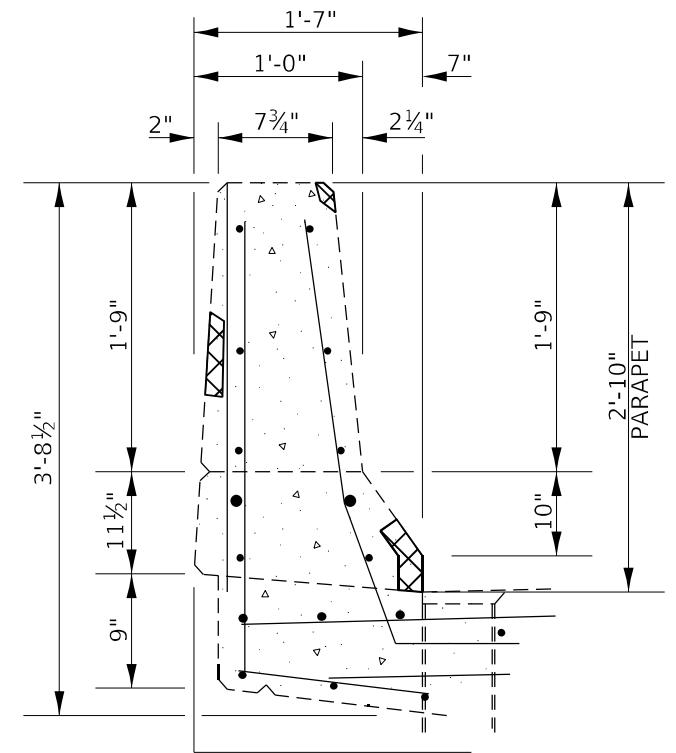
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USER NAME = \$USERS	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	JOINT FILLING DETAIL				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 1:100	DRAWN -	REVISED -		SCALE:	SHEET 3	OF 3	SHEETS	STA.	TO STA.	*	114	92
PLOT DATE = 2/10/2022	CHECKED -	REVISED -		CONTRACT NO. 68F87								
	DATE -	REVISED -		ILLINOIS FED. AID PROJECT MARSHALL, WOODFORD								

NOTE: SEE SCHEDULE OF QUANTITIES FOR IMPROVEMENT PER LOCATION.

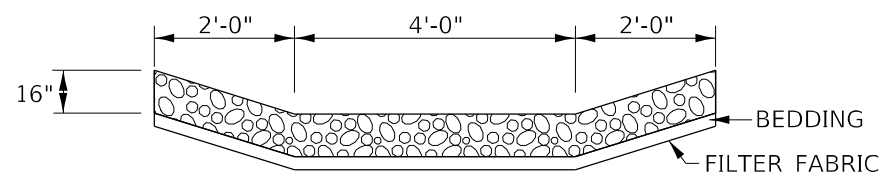


STRUCTURAL REPAIR OF CONCRETE <5" DETAIL SECTION C-C



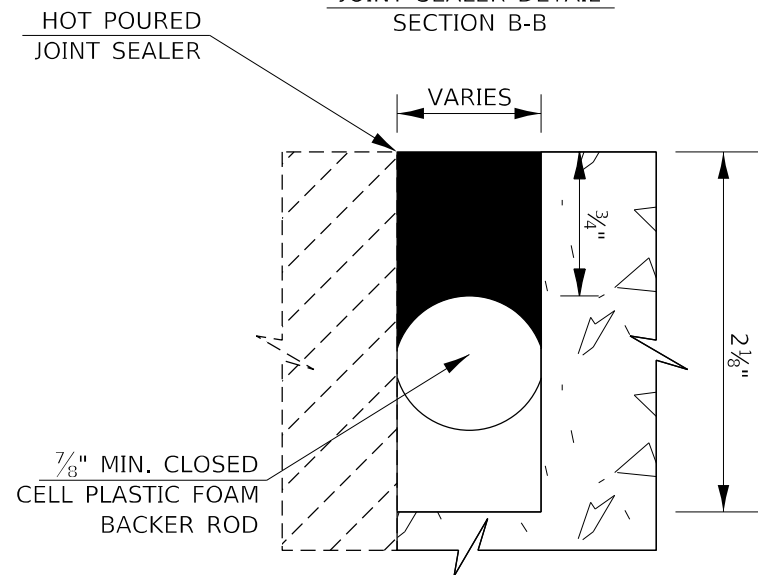
CAUTION: POSSIBLE CONDUIT IN NORTH PARAPET WALL ON SN 102-0047.

RIPRAP DETAIL SECTION A-A

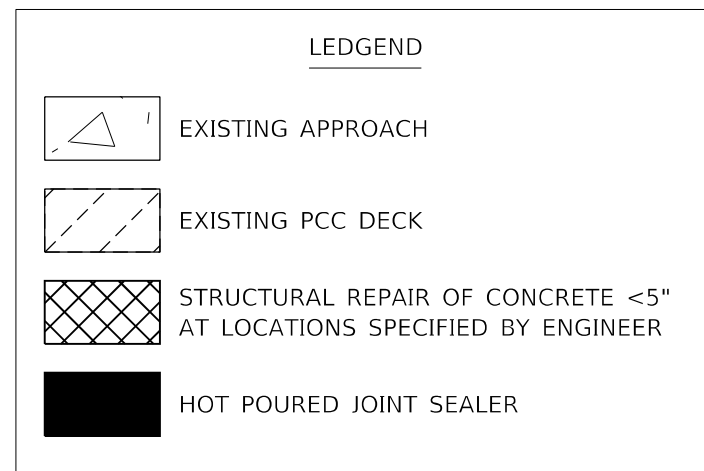


PREPARATION FOR AND PLACEMENT OF RIPRAP SHALL BE COMPLETED IN THE SAME DAY, ELIMINATING THE NEED FOR TEMP. EROSION CONTROL

JOINT SEALER DETAIL SECTION B-B



LEDGEND



DRAWING NOT TO SCALE

MODEL: Default FILE: \\marshall\pwworkspace\ben.fay.com\PIV\DOT\Documents\DOT Offices\Director_4\Projects\102-0047\102-0047-Structure\DETAILS.dwg

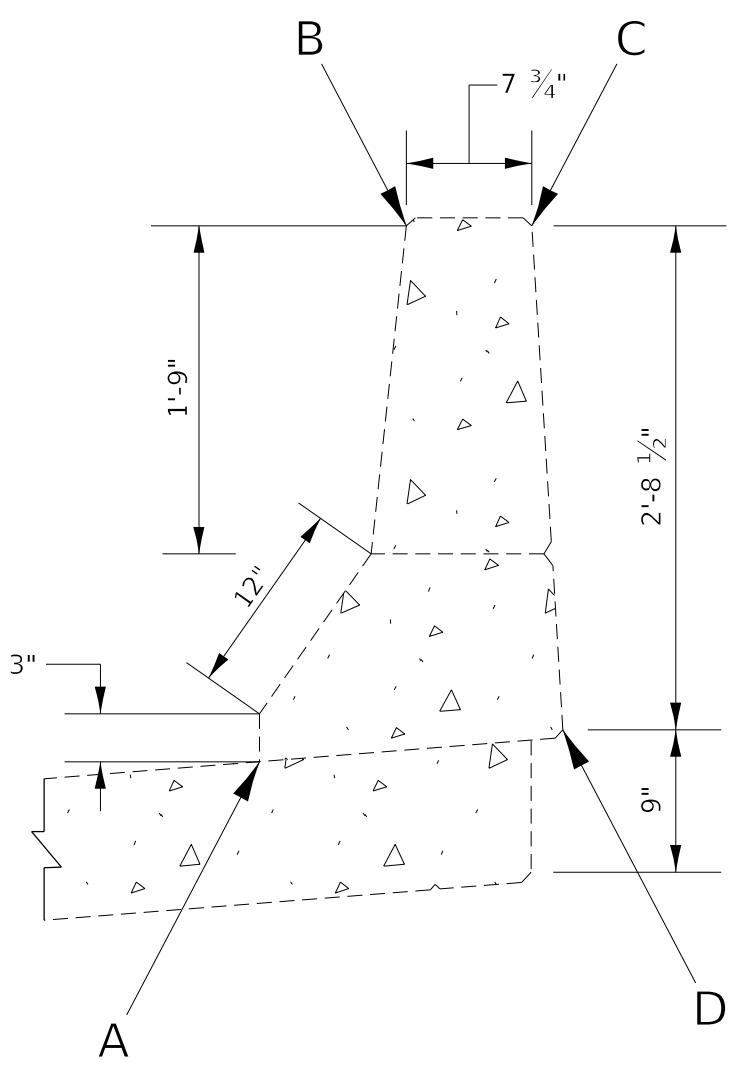
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	DRAWN -	REVISED -
PLOT SCALE = 1:100	CHECKED -	REVISED -
PLOT DATE = 2/10/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERPASS STRUCTURES DETAIL

SCALE: SHEET 1 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	93
			CONTRACT NO. 68F87	

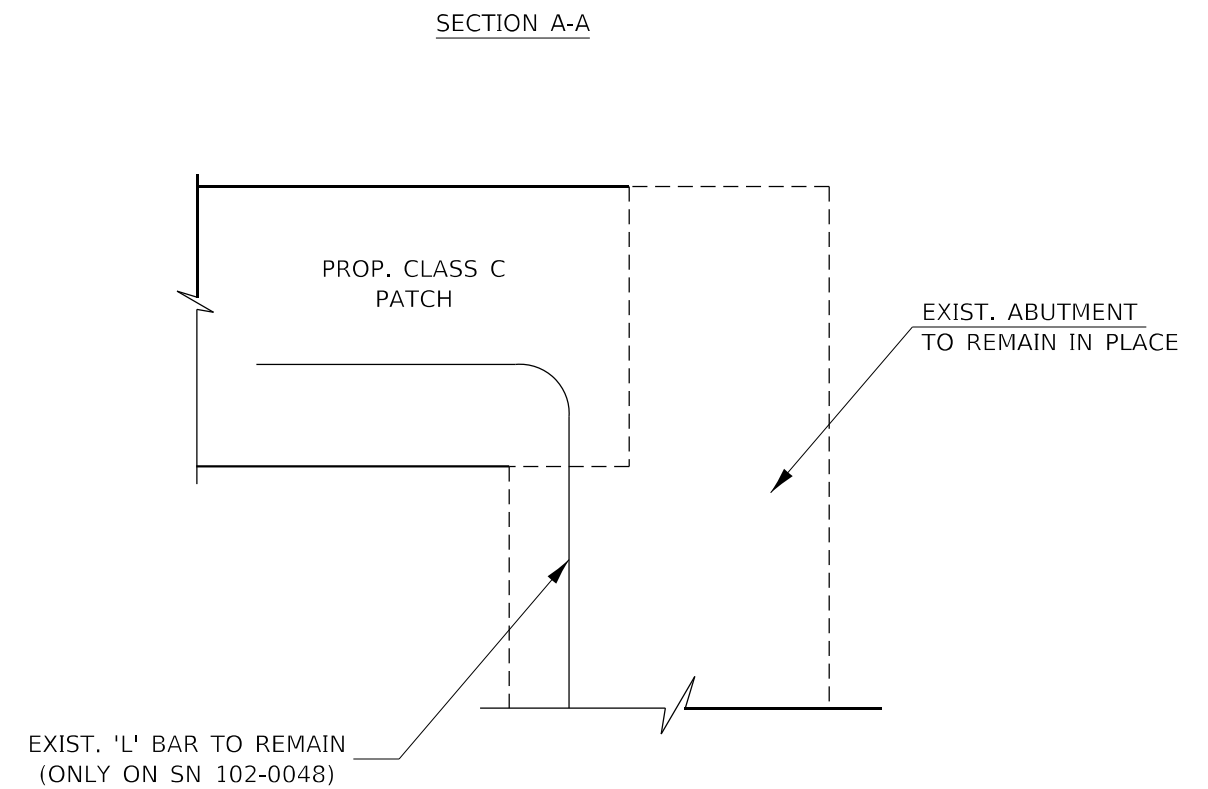
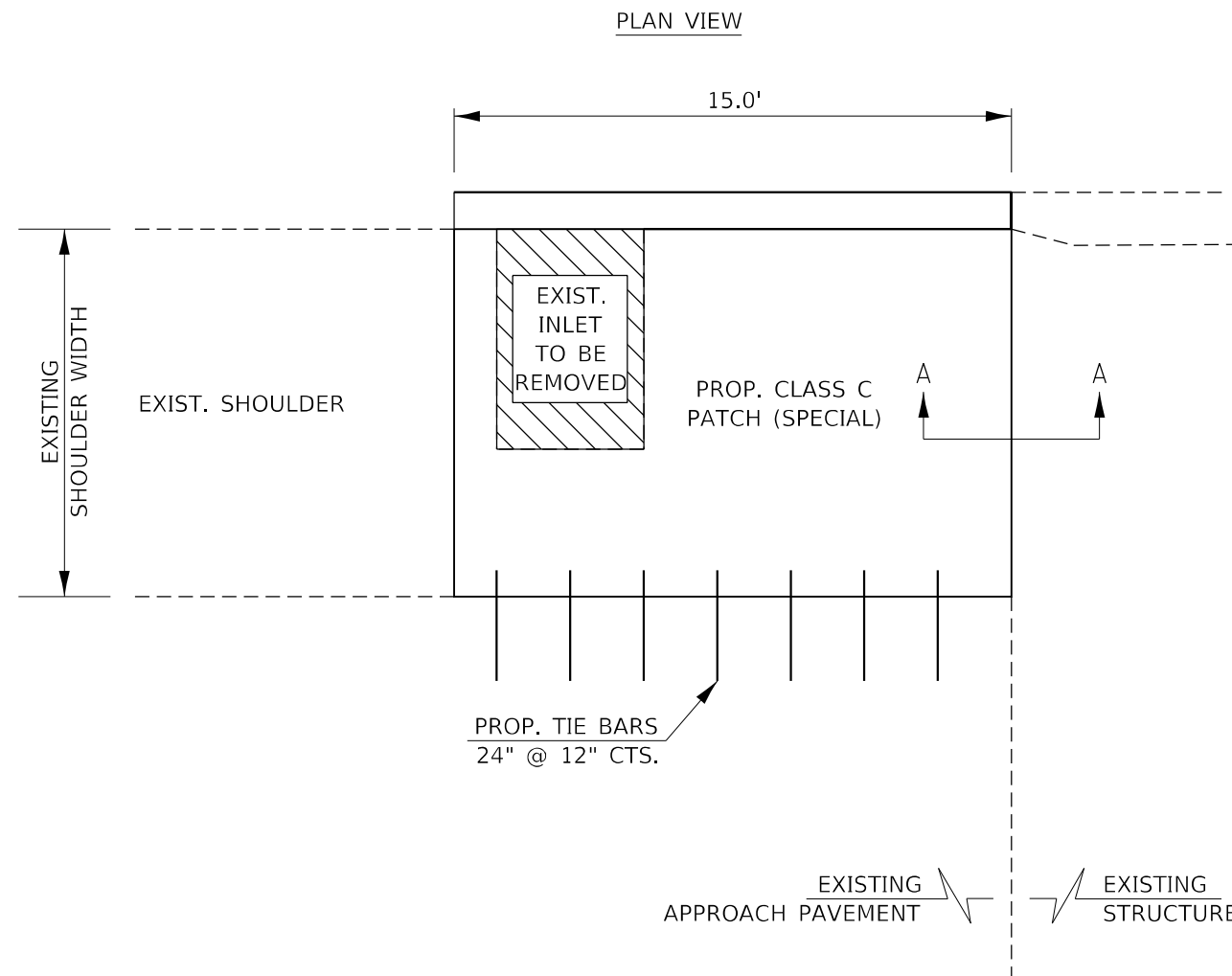


BRIDGE PARAPET

NOTE:
 PROTECTIVE COAT (SPECIAL) TO COVER FROM POINT A THROUGH POINTS B, C, AND D OF THE EXISTING PARAPET

MODEL: Default
 FILE NAME: p:\ultra-cw-bee\p\com\p\w\dot\Documents\DOT\Office\Director\4\Project\ID_68F87\CAD\Drawings\CAD\Drawings\68F87-Str-Structure\DETAILS.dwg

USER NAME = \$USERS	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PARAPET SEALING DETAIL			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 1:100	DRAWN -	REVISED -					39	*	*	114	94
PLOT DATE = 2/10/2022	CHECKED -	REVISED -		SCALE: SHEET 2 OF 10 SHEETS STA. TO STA.			CONTRACT NO. 68F87				
	DATE -	REVISED -					ILLINOIS FED. AID PROJECT MARSHALL, WOODFORD				



CLASS C PATCHES, TYPE II, 10 INCH (SPECIAL)			
STRUCTURE NUMBER	QUADRANT	AREA	EXIST. SHOULDER WIDTH
		SQ YD	FT
102-0048	N.E.	-	6.0
	S.E.	-	
	N.W.	10.0	
	S.W.	10.0	
062-0054	N.E.	6.7	4.0
	S.E.	6.7	
	N.W.	6.7	
	S.W.	6.7	

NOTES:
 1. PROPOSED SHOULDER PATCH AND CURB SHALL BE PAID AS CLASS C PATCHES, TYPE II, 10" (SPECIAL).

DRAWING NOT TO SCALE

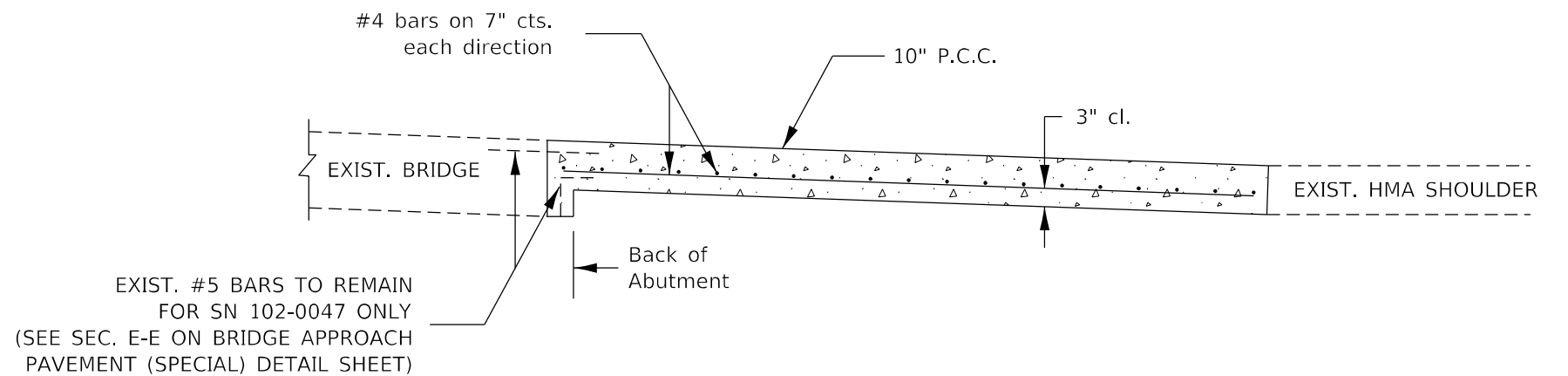
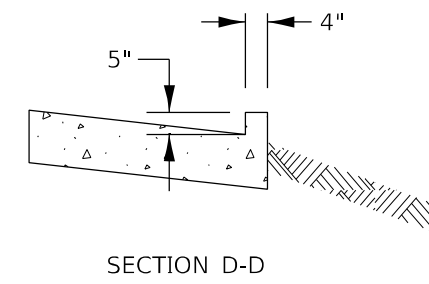
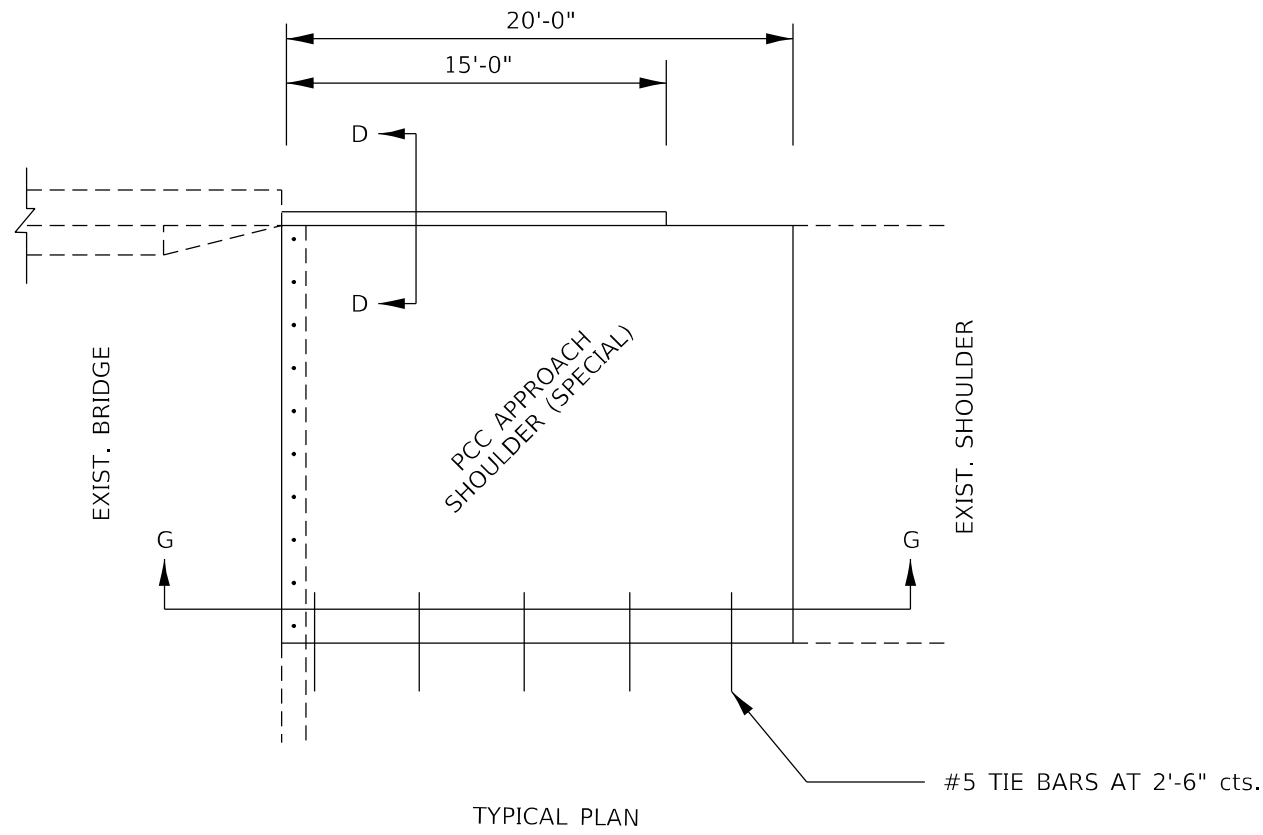
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USER NAME = \$USERS	DESIGNED -	REVISED -
PLOT SCALE = 1:100	DRAWN -	REVISED -
PLOT DATE = 2/10/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CLASS C PATCH DETAIL			
SCALE:	SHEET 3	OF 10 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	95
CONTRACT NO. 68F87				



GENERAL NOTES

BRIDGE APPROACH SHOULDER PAVEMENT WILL BE MEASURED IN PLACE AND PAID FOR IN SQUARE YARDS AS P.C. CONCRETE BRIDGE APPROACH SHOULDER PAVEMENT (SPECIAL) WHICH SHALL INCLUDE THE COST OF SUBGRADE PREPARATION, TIE BARS, REINFORCEMENT, CONCRETE CURB, AND JOINT FILLERS.

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USER NAME = \$USERS	DESIGNED -	REVISED -
PLOT SCALE = 1:100	DRAWN -	REVISED -
PLOT DATE = 2/10/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BRIDGE APPROACH SHOULDER (SPECIAL) DETAIL

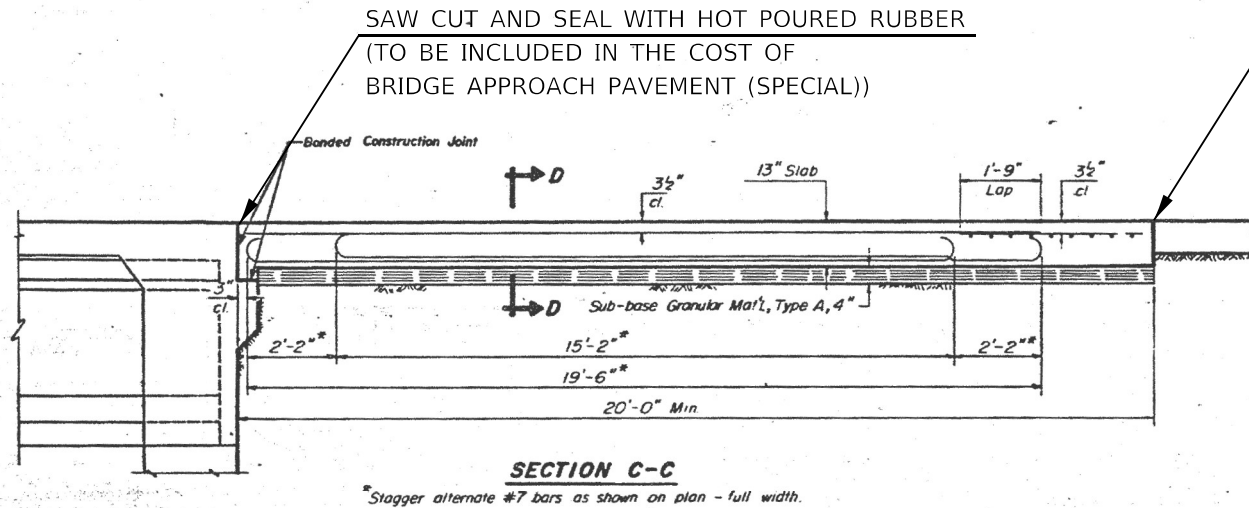
SCALE: SHEET 4 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	96
CONTRACT NO. 68F87				

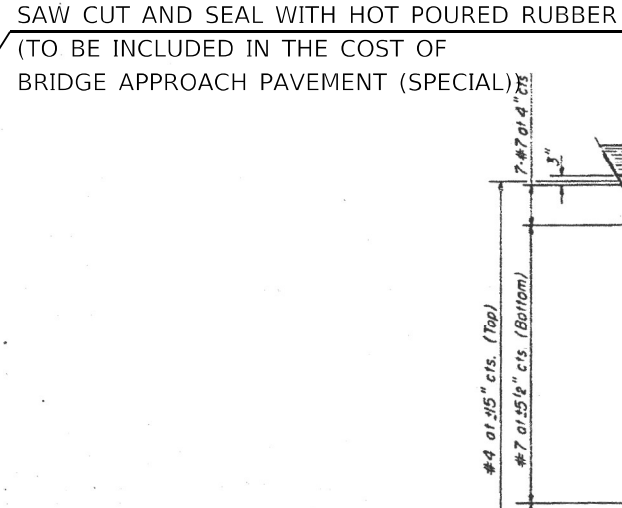
102(3RS-2.4RS)(62-2)RS-1

MARSHALL, WOODFORD

F.A. RTE.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
412	102-047	WOODFORD	140	122 B
I.H.W.A. REG. 5		ILLINOIS PROJECT		
STA.		TO STA.		

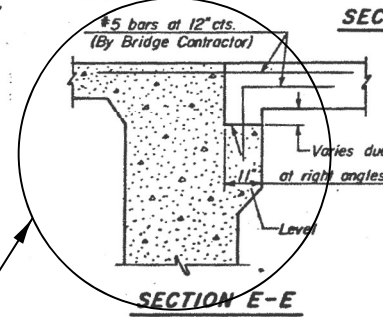


SECTION C-C
Stagger alternate #7 bars as shown on plan - full width.



SECTION D-D

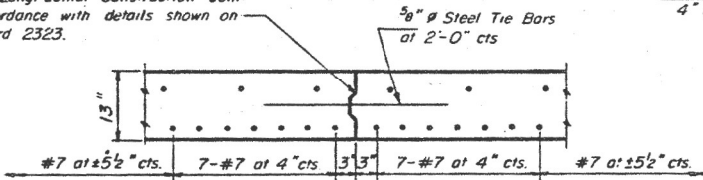
When the road plans show curb and gutter, gutter, or bridge approach shoulder pavement adjacent to approach slabs, place 1/2" # steel tie bars at 2'-6" centers in accordance with the detail for Bulkhead Longitudinal Construction Joint shown on Standard E323. Cost of the tie bars will be included in the contract unit price for the adjacent item. Transitions for curb and gutter or gutter shall be as shown on the plans.



SECTION E-E

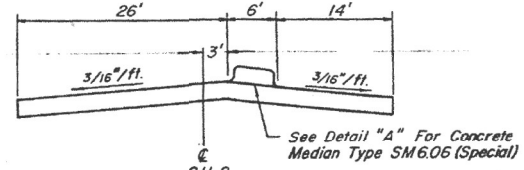
SEE SECTION B-B ON OLD PLAN SHEET

Keyed Longitudinal Construction Joint in accordance with details shown on Standard E323.



OPTIONAL LONGITUDINAL CONSTRUCTION JOINT

As approved by the Engineer, the Contractor may elect to reduce the widths of pour by use of the Optional Longitudinal Construction Joint shown. Joints shall be located at the edge of a traffic lane.



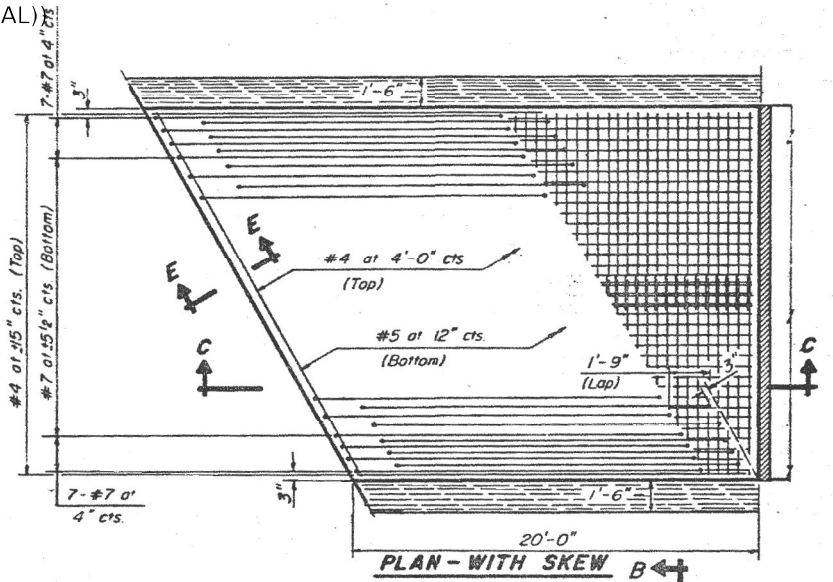
SECTION B-B

See Detail "A" For Concrete Median Type SM6.06 (Special)

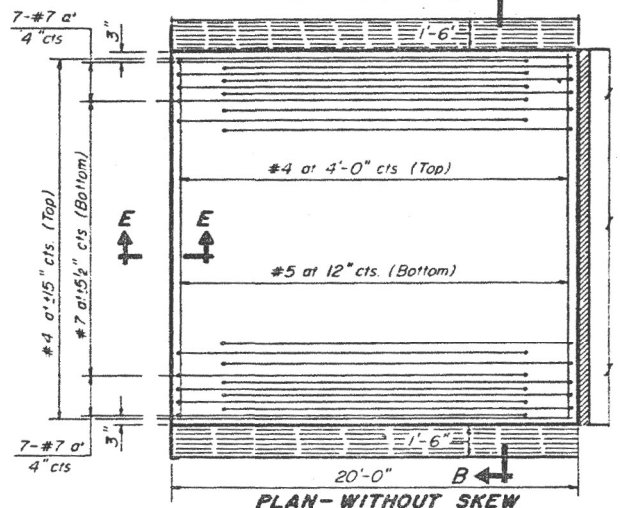
GENERAL NOTES

The cost of tie bars, sub-base welded wire fabric and bituminous prime when required shall be considered as included in the unit cost of the Bridge Approach Pavement. (Special)

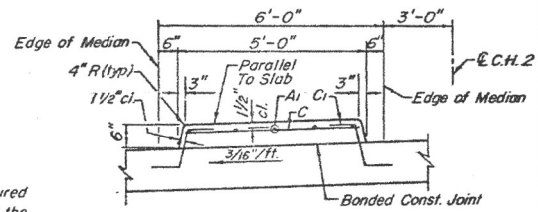
Width of Bridge Approach Slab shall be determined before the reinforcement bars are fabricated.



PLAN - WITH SKEW B



PLAN - WITHOUT SKEW



DETAIL "A"

(See next sheet for Bill of Materials)

Notes:
For skewers of less than 10° omit wire fabric. For skewers of 10° or more use Welded Wire Fabric, C"xE"-W5.5 x W5.5, placed 3/2" below top of slab. Expanded Metal weighing not less than 78 Pounds per 100 Sq Ft. or a welded bar mat weighing not less than 78 Pounds per 100 Sq Ft. having members of equal size in both directions and spaced not over 8" apart may be used instead of the Welded Wire Fabric, C"xE"-W5.5 x W5.5, provided the expanded metal or bar mat is furnished at no additional cost to the State.
Reinforcement bars shall conform to the requirements of A.A.S.H.T.O. M.31 or M.53, unless GO.

DESIGN STRESSES

f_y = 60,000 psi
f'_c = 3500 psi
n = 8.5

Illinois Department of Transportation	
APPROVED	Mar. 10, 1986
Engineer of Bridges and Structures	
APPROVED	Mar. 10, 1986
Engineer of Design	

BRIDGE APPROACH PAVEMENT (SPECIAL)

Sheet 1 of 2

MODEL: Default FILE: \\mace.pw.bendly.com\PIV\DOT\Documents\DOT Office\Director: alproctect\104_6887\CADD\Bridges\CAD\Drawings\102-047\102-047-122B.dwg

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PLOT SCALE = 1:100	DRAWN -	REVISED -
PLOT DATE = 2/10/2022	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

BRIDGE APPROACH PAVEMENT (SPECIAL) SN 102-0047 (CH2)

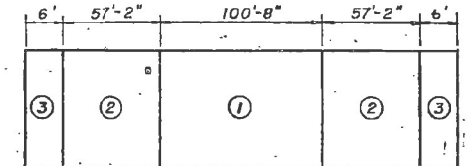
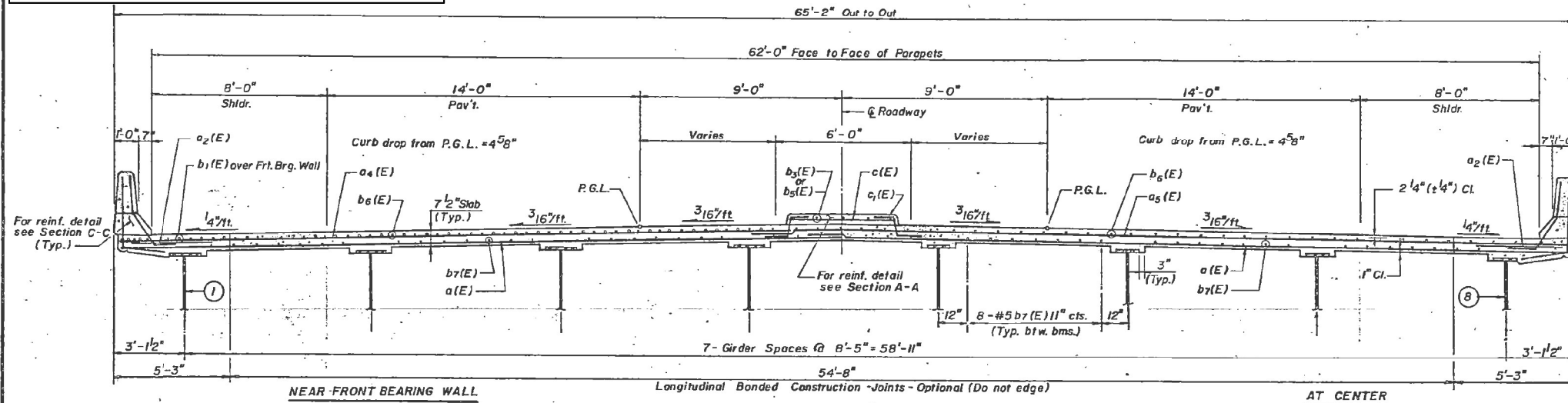
SCALE: SHEET 5 OF 10 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39			114	97
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68F87	

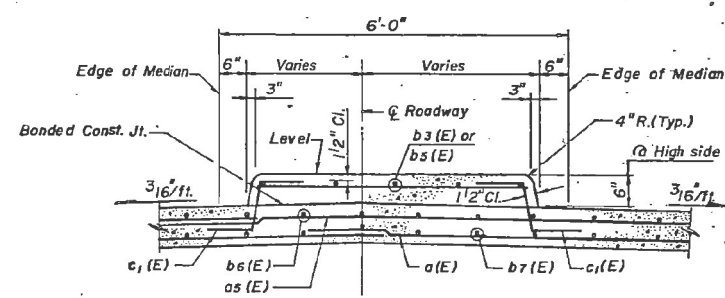
FOR INFORMATION ONLY

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

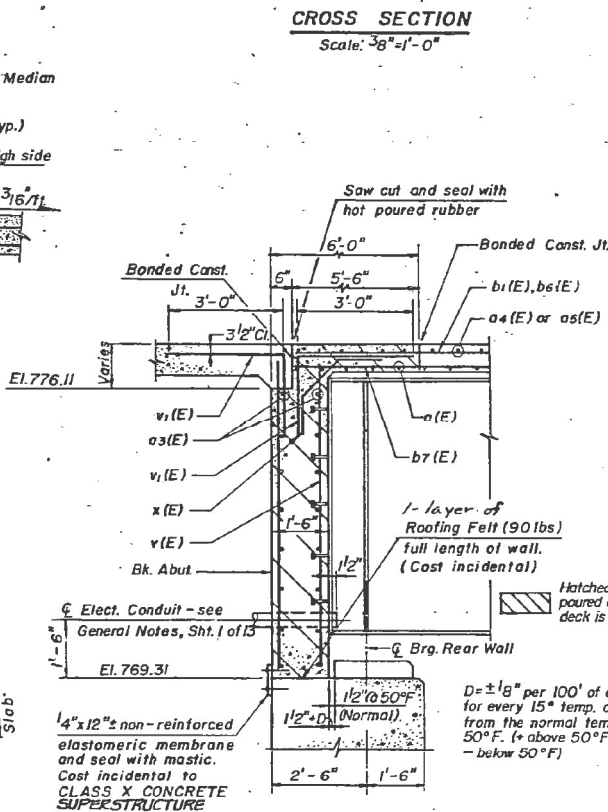
F.A. RTE.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET No: 5 SHEETS: 13
412	412-41E	WOODFORD	100	108 B	
F.H.W.A. REG. 5		ILLINOIS PROJECT			



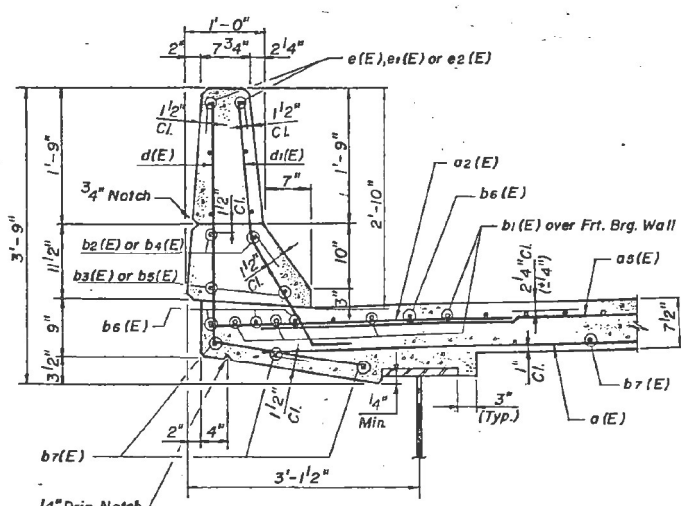
DECK POURING SEQUENCE PLAN



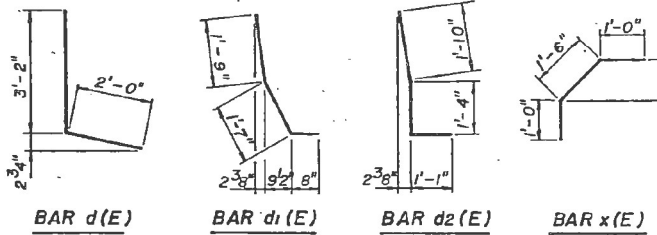
SECTION A-A
Scale: 3/8" = 1'-0"



SECTION B-B
Scale: 1/2" = 1'-0"



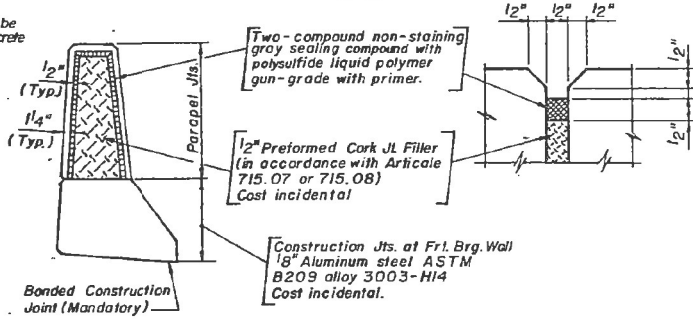
SECTION C-C
Scale: 1" = 1'-0"



MIN. BAR LAP

#4	1'-8"
#5	2'-2"
#6	2'-7"
#8	4'-6"

BAR BENDING DIAGRAMS
N.T.S.



PARAPET JOINT DETAILS
N.T.S.

SUPERSTRUCTURE BILL OF MATERIALS

BAR	NO.	SIZE	LENGTH	SHAPE
a1(E)	728	#5	33'-7"	
a2(E)	248	#6	4'-0"	
a3(E)	64	#5	32'-7"	
a4(E)	496	#5	30'-1"	
a5(E)	496	#5	37'-3"	
b1(E)	390	#6	23'-2"	
b2(E)	16	#8	30'-5"	
b3(E)	36	#5	30'-5"	
b4(E)	12	#8	31'-4"	
b5(E)	27	#5	28'-10"	
b6(E)	476	#5	34'-6"	
b7(E)	496	#5	29'-0"	
c1(E)	228	#5	4'-3"	
c2(E)	456	#5	2'-3"	
d1(E)	228	#4	5'-2"	
d2(E)	242	#5	4'-0"	
d3(E)	12	#5	4'-3"	
e1(E)	96	#4	15'-2"	
e2(E)	24	#4	11'-11"	
e3(E)	128	#4	19'-9"	
v1(E)	256	#4	6'-3"	
v2(E)	256	#5	5'-0"	
v3(E)	128	#6	3'-6"	
Class X Conc.-Superstructure				Cu. Yds. 490.5
Reinforcement bars Epoxy Coated				Lbs. 122,530

Bars indicated thus 1x3-#8 etc., indicates one line of bars with three lengths per line.

Reinforcement bars designated (E) shall be epoxy coated.

Work this sheet with sheet 4 of 13

BRIDGE DECK CROSS SECTION
CH. 2 OVER F.A.P. ROUTE 412
F.A.P. ROUTE 412 - SEC. 102-41B
WOODFORD COUNTY
STA. 969+09.65 (F.A.P. 412)
STRUCTURE NO. 102-0047

VOLLMER ASSOCIATES

Date: 2-8-88

USER NAME = SUSERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1:100	CHECKED -	REVISED -
PLOT DATE = 2/10/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE APPROACH PAVEMENT (SPECIAL)
SN 102-0047 (CH2)

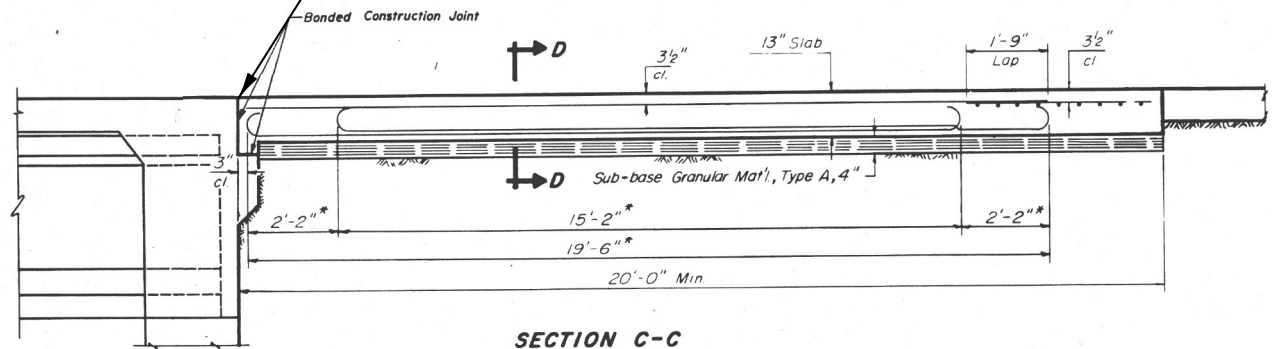
SCALE: SHEET 7 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39			114	99
CONTRACT NO. 68F87			ILLINOIS FED. AID PROJECT	

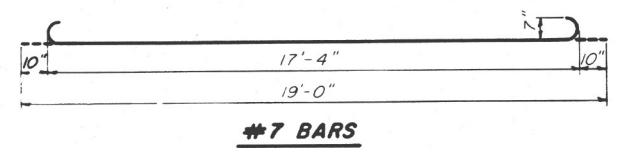
102(3RS-2,4RS)(62-2)RS-1 MARSHALL, WOODFORD

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 412	*	MARSHALL	124	118F
FED. ROAD DIST. NO. 7 ILLINOIS PROJECT				
* 62-2A, 62-2B, 62-2H-1				

SAW CUT AND SEAL WITH HOT POURED RUBBER
(TO BE INCLUDED IN THE COST OF
BRIDGE APPROACH PAVEMENT (SPECIAL))

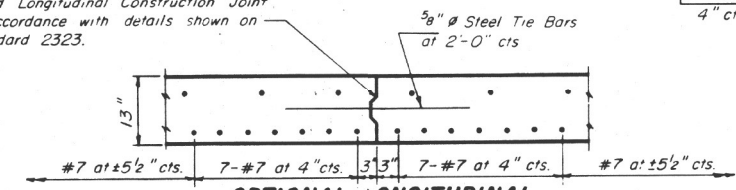


SECTION C-C
* Stagger alternate #7 bars as shown on plan - full width.



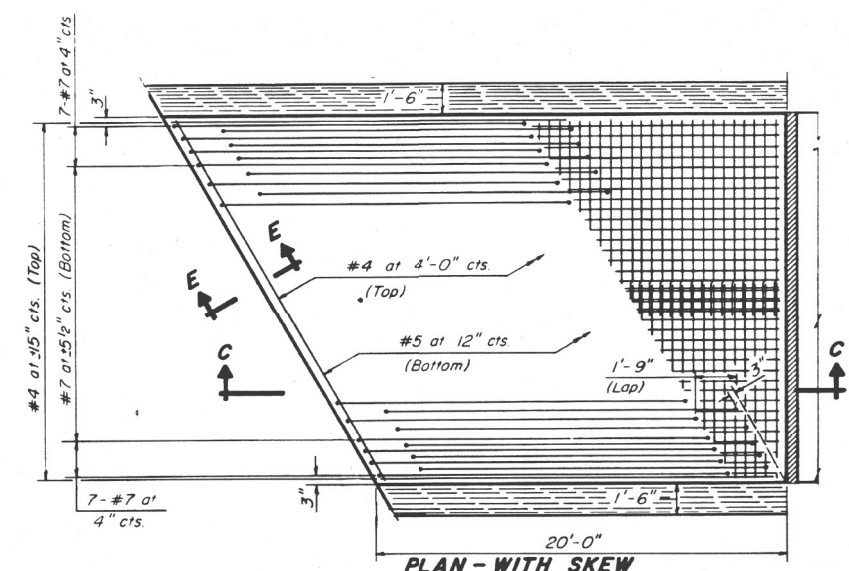
#7 BARS

Keyed Longitudinal Construction Joint
in accordance with details shown on
Standard 2323.

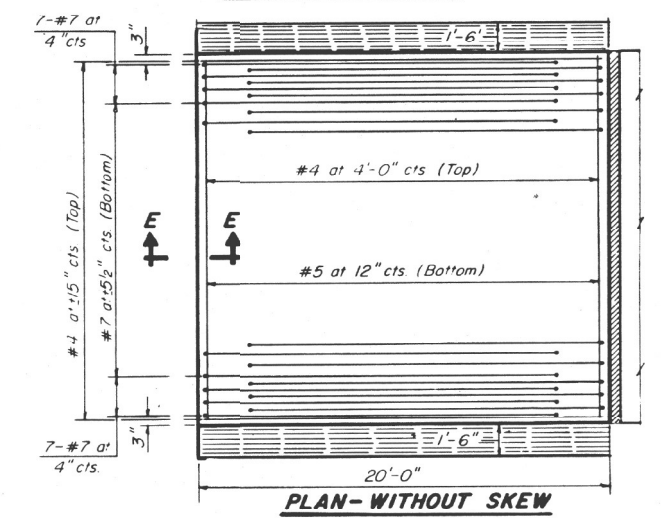


**OPTIONAL LONGITUDINAL
CONSTRUCTION JOINT**

As approved by the Engineer, the Contractor may elect to reduce
the widths of pour by use of the Optional Longitudinal Construction
Joint shown. Joints shall be located at the edge of a traffic lane.

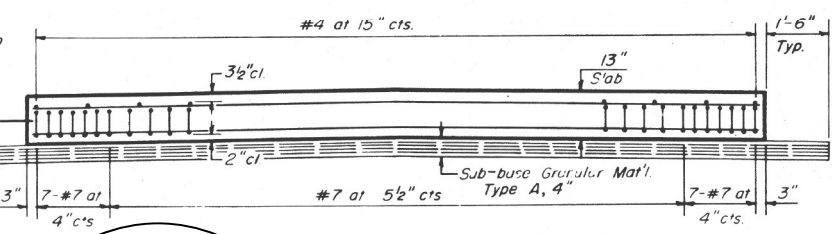


PLAN - WITH SKEW

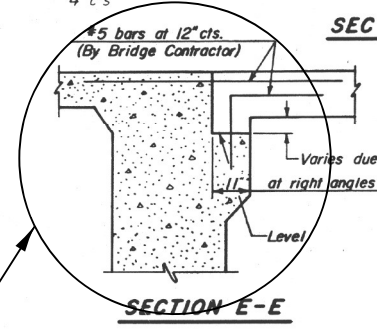


PLAN - WITHOUT SKEW

When the road plans show curb
and gutter, gutter, or bridge approach
shoulder pavement adjacent to
approach slabs, place 1/2" steel tie
bars at 2'-6" centers in accordance
with the detail for Bulkhead
Longitudinal Construction Joint
shown on Standard 2323.
Cost of the tie bars will be
included in the contract unit price
for the adjacent item. Transitions for
curb and gutter or gutter shall be
as shown on the plans.



SECTION D-D



SECTION E-E

SEE SECTION THRU
DAPHRAGM ON
OLD PLAN SHEET

GENERAL NOTES

The cost of tie bars, sub-base material
welded wire fabric and bituminous prime when required
shall be considered as included in the unit cost of the
Bridge Approach Pavement. (Special)

Width of Bridge Approach Slab shall be
determined before the reinforcement bars are
fabricated.

DESIGN STRESSES

$f_y = 60,000 \text{ psi}$
 $f'_c = 3500 \text{ psi}$
 $n = 8.5$

Notes:

For skews of less than 10° omit wire fabric. For skews of 10° or more
use Welded Wire Fabric, 6"x6"-W5.5 x W5.5, placed 3.2" below top of slab.
Expanded Metal weighing not less than 78 Pounds per 100 Sq. Ft. or
a welded bar mat weighing not less than 78 Pounds per 100 Sq. Ft. having
members of equal size in both directions and spaced not over 8" apart
may be used instead of the Welded Wire Fabric, 6"x6"-W5.5 x W5.5, provided
the expanded metal or bar mat is furnished at no additional cost to the State.
Reinforcement bars shall conform to the requirements of A.A.S.H.T.O. M 31
or M 53, Grade 60.

Illinois Department of Transportation	
APPROVED	Mar. 10, 1986
Engineer of Bridges and Structures	
APPROVED	Mar. 10, 1986
Engineer of Design	

BRIDGE APPROACH PAVEMENT (SPECIAL)

Sheet 1 of 2

USER NAME = SUSERS	DESIGNED -	REVISED -
PLOT SCALE = 1:100	DRAWN -	REVISED -
PLOT DATE = 2/10/2022	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE APPROACH PAVEMENT (SPECIAL)
SN 062-0053 (CH4)

SCALE: SHEET 8 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*		114	100
CONTRACT NO. 68F87				
ILLINOIS FED. AID PROJECT				

Note: The notation for the number of bars given as "4x2" indicates 4 lines of bars with 2 lengths per line. Min bar lap = 1'-3"

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
412	X	MARSHALL	129	109F
FED. ROAD DIST. NO. 7 ILLINOIS PROJECT				

#62-053(4) CH4, 62-2-V5, 62-2-V6

Skew Angle Degrees	Bottom Reinforcement			Top Reinforcement			Reinforcement (Total Weight) (Pounds)	Slab Area (Sq Yds.)	6x6-W5.5xW5.5 W.W.F.	
	Transverse #5 No	Length	Longitudinal #7 No Required	Transverse #4 No	Length	Longitudinal #4 No Required			Dimensions L(ft)xW(ft)	Area* (Sq Yds.)
18'-0" PAVEMENT										
0	20	17'-6"	7 (Each Edge Beam) + 29 (Slab) at 5 1/2" c/s - 19'-0" long Weight = 1670 Pounds	6	17'-6"	15 bars - 19'-6" long Weight = 195 Pounds	2300	40.0		
5	20	17'-7"		6	17'-7"		2302	41.6		
10	20	17'-9"		6	17'-9"		2306	43.2	7'-0" x 9'-6"	7.4
15	20	18'-1"		5	18'-1"		2303	44.8	8'-6" x 9'-6"	9.0
20	19	18'-8"		5	18'-8"		2297	46.6	10'-6" x 9'-6"	11.1
25	18	19'-4"		5	19'-4"		2292	48.4	12'-3" x 9'-6"	12.9
30	18	20'-3"		5	20'-3"		2313	50.4	14'-3" x 9'-6"	15.0
35	17	21'-4"		5	21'-4"		2315	52.6	16'-6" x 9'-6"	17.4
40	16	22'-10"		4	22'-10"		2307	55.1	19'-0" x 9'-6"	20.1
45	14	24'-9"		4	24'-9"		2293	58.0	21'-9" x 9'-6"	23.0
50	13	27'-3"		4	27'-3"		2308	61.5	25'-6" x 9'-6"	26.9
55	12x2	15'-9"	3x2	15'-9"	2322	65.7	29'-9" x 9'-6"	31.4		
60	10x2	18'-0"	3x2	18'-0"	2313	71.2	35'-3" x 9'-6"	37.2		
24'-0" PAVEMENT										
0	20	23'-6"	7 (Each Edge Beam) + 42 (Slab) at 5 1/2" c/s - 19'-0" long Weight = 2175 Pounds	6	23'-6"	20 bars - 19'-6" long Weight = 260 Pounds	3019	53.3		
5	20	23'-7"		6	23'-7"		3021	56.1		
10	20	23'-10"		6	23'-10"		3028	58.9	8'-0" x 12'-6"	11.1
15	20	24'-4"		5	24'-4"		3024	61.9	10'-3" x 12'-6"	14.2
20	19	25'-0"		5	25'-0"		3014	64.9	12'-6" x 12'-6"	17.4
25	18	25'-11"		5	25'-11"		3008	68.2	15'-0" x 12'-6"	20.8
30	18	27'-2"		5	27'-2"		3036	71.8	17'-9" x 12'-6"	24.7
35	17	28'-8"		5	28'-8"		3039	75.7	20'-9" x 12'-6"	28.8
40	16x2	16'-0"		4x2	16'-0"		3055	80.2	24'-0" x 12'-6"	33.3
45	14x2	17'-3"		4x2	17'-3"		3031	85.3	27'-6" x 12'-6"	38.2
50	13x2	18'-10"		4x2	18'-10"		3046	91.4	32'-9" x 12'-6"	45.5
55	12x2	21'-1"	3x2	21'-1"	3047	99.0	38'-3" x 12'-6"	53.1		
60	10x2	24'-0"	3x2	24'-0"	3032	108.7	45'-6" x 12'-6"	63.2		

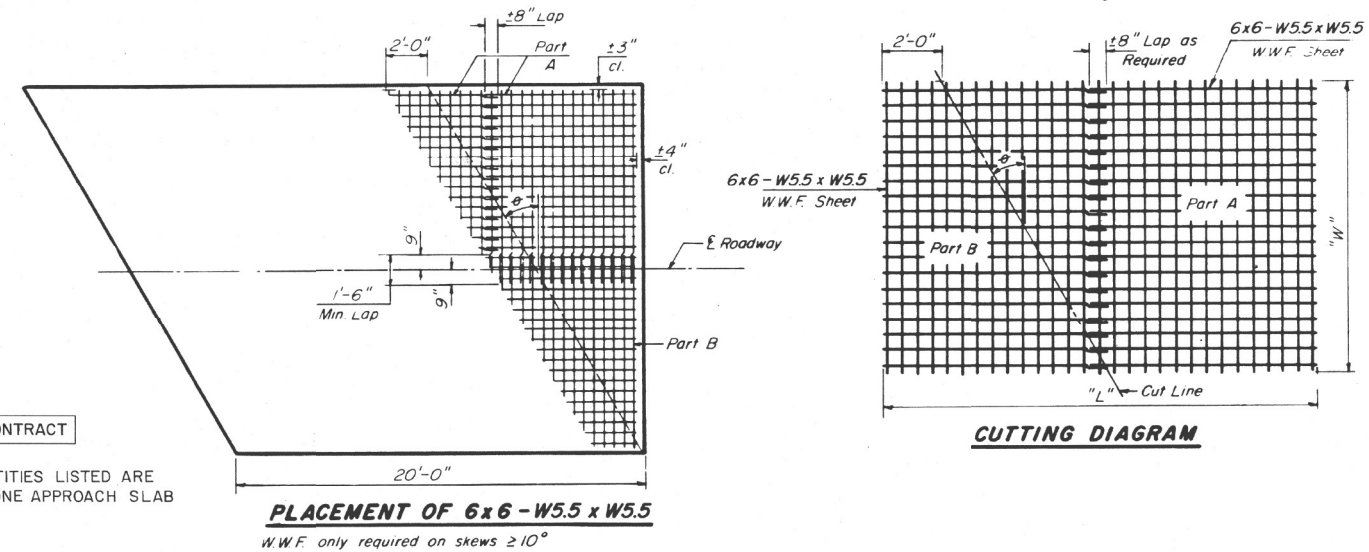
*Area does not include 8" longitudinal laps.
W.W.F. = Welded Wire Fabric

Skew Angle Degrees	Bottom Reinforcement			Top Reinforcement			Reinforcement (Total Weight) (Pounds)	Slab Area (Sq Yds.)	6x6-W5.5xW5.5 W.W.F.	
	Transverse #5 No	Length	Longitudinal #7 No Required	Transverse #4 No	Length	Longitudinal #4 No Required			Dimensions L(ft)xW(ft)	Area* (Sq Yds.)
20'-0" PAVEMENT										
0	20	19'-6"	7 (Each Edge Beam) + 33 (Slab) at 5 1/2" c/s - 19'-0" long Weight = 1825 Pounds	6	19'-6"	17 bars - 19'-6" long Weight = 221 Pounds	2531	44.4		
5	20	19'-7"		6	19'-7"		2533	46.4		
10	20	19'-10"		6	19'-10"		2539	48.4	7'-3" x 10'-6"	8.5
15	20	20'-2"		5	20'-2"		2534	50.4	9'-3" x 10'-6"	10.8
20	19	20'-9"		5	20'-9"		2527	52.5	11'-0" x 10'-6"	12.8
25	18	21'-6"		5	21'-6"		2521	54.8	13'-0" x 10'-6"	15.2
30	18	22'-6"		5	22'-6"		2544	57.3	15'-3" x 10'-6"	18.0
35	17	23'-10"		5	23'-10"		2548	60.0	17'-9" x 10'-6"	20.7
40	16	25'-5"		4	25'-5"		2538	63.1	20'-6" x 10'-6"	23.9
45	14	27'-7"		4	27'-7"		2522	66.7	23'-9" x 10'-6"	27.7
50	13x2	15'-9"		4x2	15'-9"		2557	70.9	27'-6" x 10'-6"	32.1
55	12x2	17'-8"	3x2	17'-8"	2558	76.2	32'-3" x 10'-6"	37.6		
60	10x2	20'-2"	3x2	20'-2"	2548	82.9	38'-6" x 10'-6"	44.9		
22'-0" PAVEMENT										
0	20	21'-6"	7 (Each Edge Beam) + 38 (Slab) at 5 1/2" c/s - 19'-0" long Weight = 2019 Pounds	6	21'-6"	18 bars - 19'-6" long Weight = 234 Pounds	2788	48.9		
5	20	21'-7"		6	21'-7"		2790	51.3		
10	20	21'-10"		6	21'-10"		2796	53.6	7'-6" x 11'-6"	9.6
15	20	22'-3"		5	22'-3"		2791	56.1	9'-6" x 11'-6"	12.1
20	19	22'-10"		5	22'-10"		2783	58.7	11'-9" x 11'-6"	15.0
25	18	23'-9"		5	23'-9"		2778	61.4	14'-0" x 11'-6"	17.9
30	18	24'-10"		5	24'-10"		2802	64.4	16'-3" x 11'-6"	20.8
35	17	26'-3"		5	26'-3"		2806	67.7	19'-0" x 11'-6"	24.3
40	16	28'-1"		4	28'-1"		2796	71.5	22'-3" x 11'-6"	28.4
45	14x2	15'-10"		4x2	15'-10"		2800	75.8	25'-9" x 11'-6"	32.9
50	13x2	17'-4"		4x2	17'-4"		2816	80.9	30'-0" x 11'-6"	38.3
55	12x2	19'-4"	3x2	19'-4"	2814	87.3	35'-0" x 11'-6"	44.7		
60	10x2	22'-2"	3x2	22'-2"	2804	95.5	41'-9" x 11'-6"	53.3		

FOR THIS CONTRACT
NOTE: QUANTITIES LISTED ARE FOR ONE APPROACH SLAB

Skew Angle Degrees	Bottom Reinforcement			Top Reinforcement			Reinforcement (Total Weight) (Pounds)	Slab Area (Sq Yds.)	6x6-W5.5xW5.5 W.W.F.	
	Transverse #5 No	Length	Longitudinal #7 No Required	Transverse #4 No	Length	Longitudinal #4 No Required			Dimensions L(ft)xW(ft)	Area* (Sq Yds.)
26'-0" PAVEMENT										
0	20	25'-6"	7 (Each Edge Beam) + 46 (Slab) at 5 1/2" c/s - 19'-0" long Weight = 2330 Pounds	6	25'-6"	21 bars - 19'-6" long Weight = 274 Pounds	3238	57.8		
5	20	25'-7"		6	25'-7"		3240	61.1		
10	20	25'-11"		6	25'-11"		3249	64.4	6'-6" x 13'-6"	12.8
15	20	26'-5"		5	26'-5"		3243	67.9	11'-0" x 13'-6"	16.5
20	19	27'-2"		5	27'-2"		3233	71.4	13'-6" x 13'-6"	20.3
25	18	28'-2"		5	28'-2"		3227	75.3	16'-3" x 13'-6"	24.4
30	18x2	15'-3"		5x2	15'-3"		3278	79.5	19'-0" x 13'-6"	28.5
35	17x2	16'-1"		5x2	16'-1"		3282	84.1	22'-3" x 13'-6"	33.4
40	16x2	17'-2"		4x2	17'-2"		3269	89.3	25'-9" x 13'-6"	38.6
45	14x2	18'-6"		4x2	18'-6"		3243	95.3	30'-0" x 13'-6"	45.0
50	13x2	20'-4"		4x2	20'-4"		3264	102.5	35'-0" x 13'-6"	52.5
55	12x2	22'-9"	3x2	22'-9"	3265	111.4	41'-3" x 13'-6"	61.9		
60	10x2	26'-0"	3x2	26'-0"	3251	122.8	49'-0" x 13'-6"	73.5		
36'-0" PAVEMENT										
0	20x2	18'-3"	7 (Each Edge Beam) + 68 (Slab) at 5 1/2" c/s - 19'-0" long Weight = 3165 Pounds	6x2	18'-3"	29 bars - 19'-6" long Weight = 378 Pounds	4471	80.0		
.5	20x2	18'-4"		6x2	18'-4"		4475	86.3		
10	20x2	18'-6"		6x2	18'-6"		4483	92.7	10'-0" x 18'-6"	20.6
15	20x2	18'-10"		5x2	18'-10"		4475	99.3	13'-6" x 18'-6"	27.7
20	19x2	19'-5"		5x2	19'-5"		4462	106.2	17'-0" x 18'-6"	34.9
25	18x2	20'-2"		5x2	20'-2"		4455	113.6	20'-6" x 18'-6"	42.1
30	18x2	21'-0"		5x2	21'-0"		4492	121.6	24'-9" x 18'-6"	50.8
35	17x2	22'-3"		5x2	22'-3"		4501	130.4	29'-0" x 18'-6"	59.6
40	16x2	23'-9"		4x2	23'-9"		4483	140.4	33'-9" x 18'-6"	69.4
45	14x2	25'-8"		4x2	25'-8"		4450	152.0	39'-6" x 18'-6"	91.2
50	13x2	28'-2"		4x2	28'-2"		4477	165.8	46'-6" x 18'-6"	95.6
55	12x3	21'-4"	3x3	21'-4"	4492	182.8	55'-0" x 18'-6"	113.0		
60	10x3	24'-4"	3x3	24'-4"	4471	204.7	65'-9" x 18'-6"	135.1		

*Area does not include 8" longitudinal laps.



Illinois Department of Transportation
APPROVED: Mar. 10, 1986
Engineer of Bridges and Structures
APPROVED: Mar. 10, 1986
Engineer of Design

BRIDGE APPROACH PAVEMENT (SPECIAL)
Sheet 2 of 2

USER NAME = SUSERS	DESIGNED -	REVISED -
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PLOT DATE = 2/10/2022	CHECKED -	REVISED -
	DATE -	REVISED -

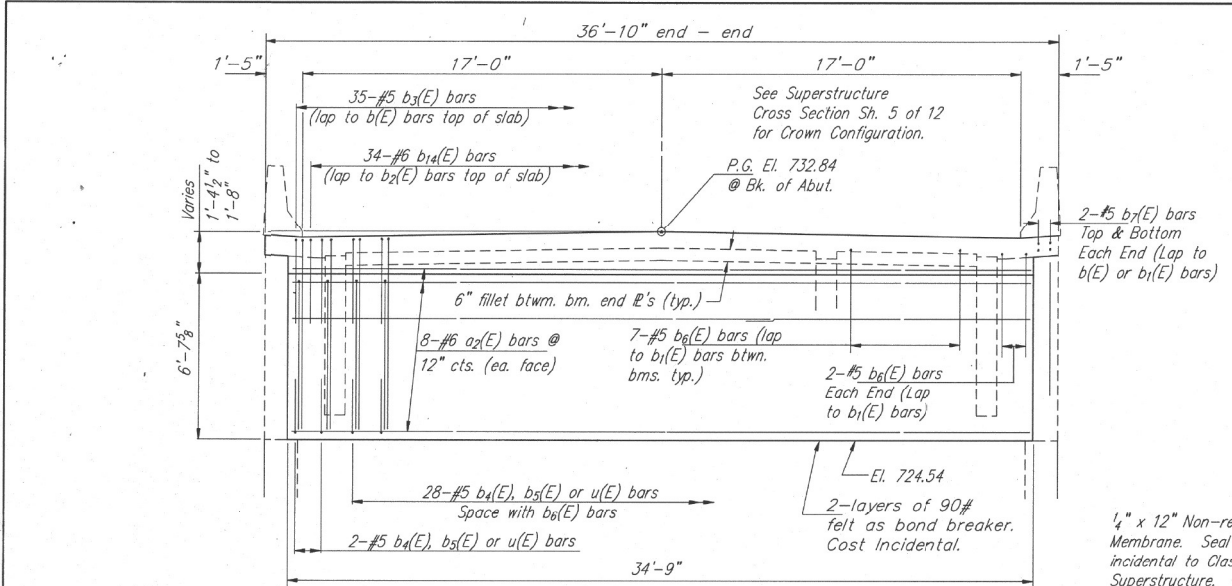
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE APPROACH PAVEMENT (SPECIAL)
SN 062-0053 (CH4)

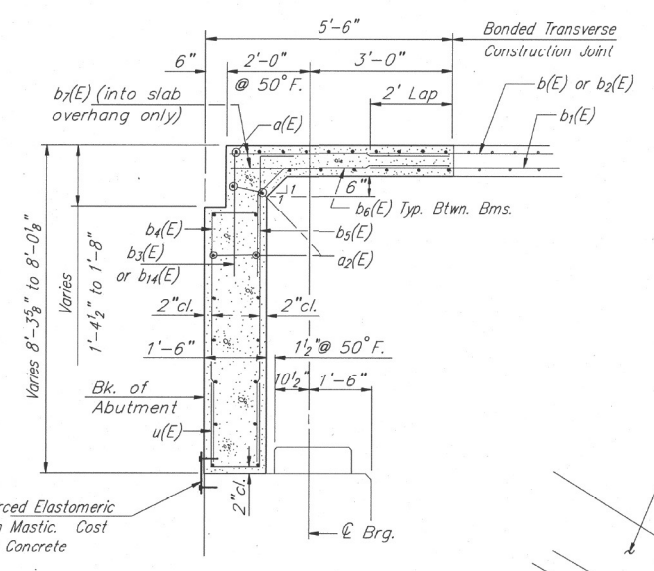
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	MARSHALL	114	101
CONTRACT NO. 68F87				

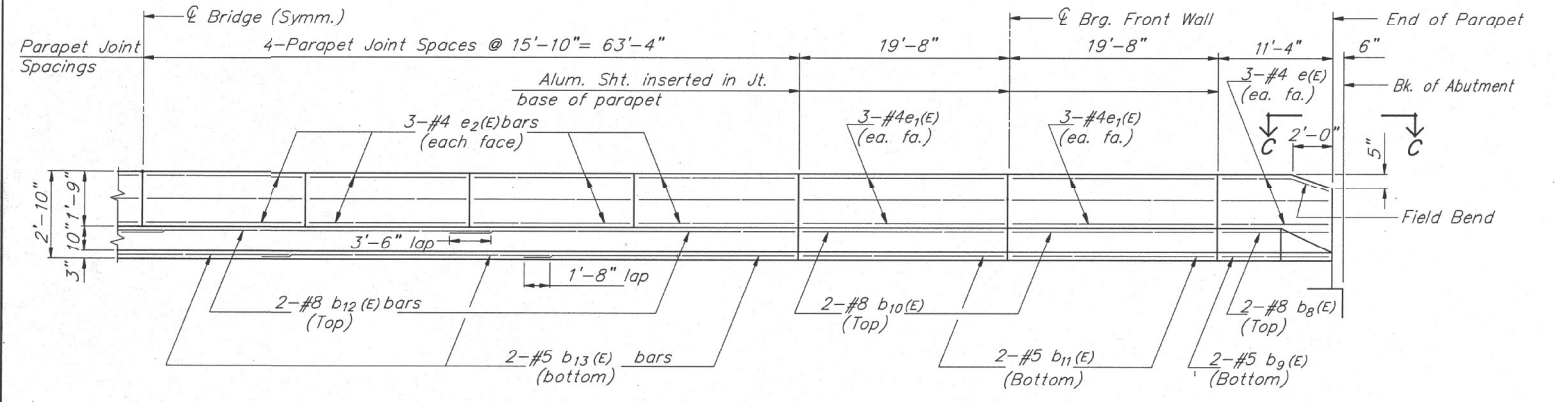
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F.A.P. 412	*	MARSHALL	127	115B
FED. ROAD DIST. NO.	ILLINOIS PROJECT			
# 62-2A-1, 62-2VE, 62-2HB-1	Sheet 6 of 13			



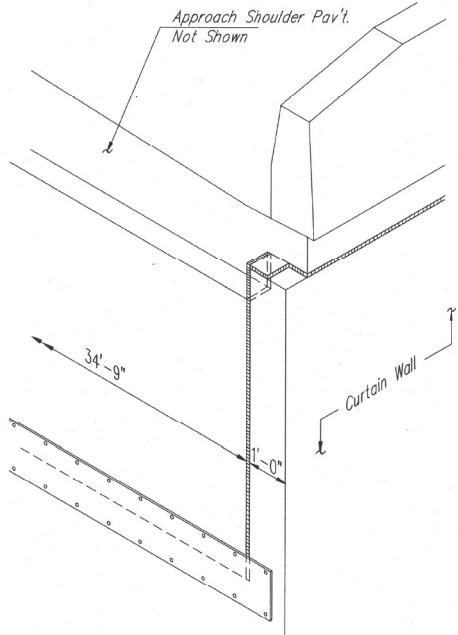
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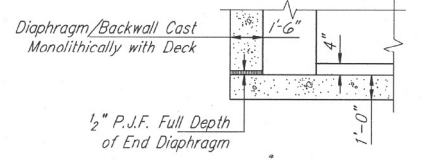
SECTION THRU DIAPHRAGM



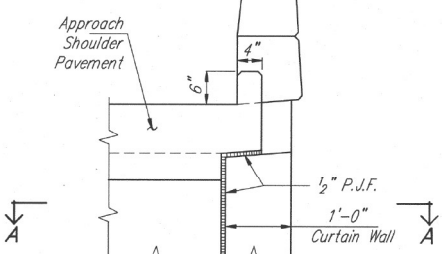
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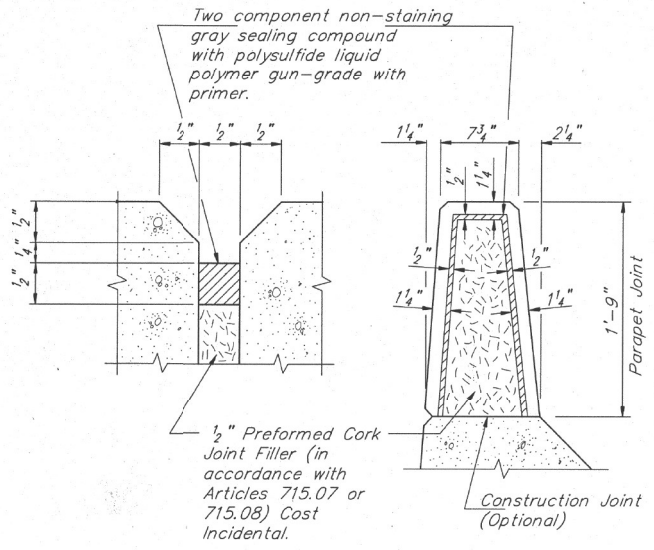
ABUTMENT JOINT DETAILS



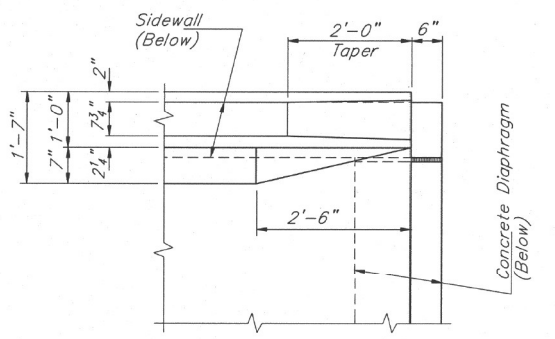
SECTION A-A



END VIEW



DETAILS OF PARAPET JOINT



VIEW C-C

FOR INFORMATION ONLY

SUPERSTRUCTURE DETAILS
 C.H. 4 OVER F.A.P. ROUTE 412
 F.A.P. ROUTE 412 - SEC. 62-2HB-1
 MARSHALL COUNTY
 STATION 121+03.06
 STRUCTURE NUMBER 062-0053

DESIGNED T.E.B.	FILE NO. 86S2011
DRAWN T.E.H.	DATE
CHECKED D.A.N.	11-15-88
CHECKED T.E.H.	
SPRINGFIELD, ILLINOIS - SALINA, KANSAS	

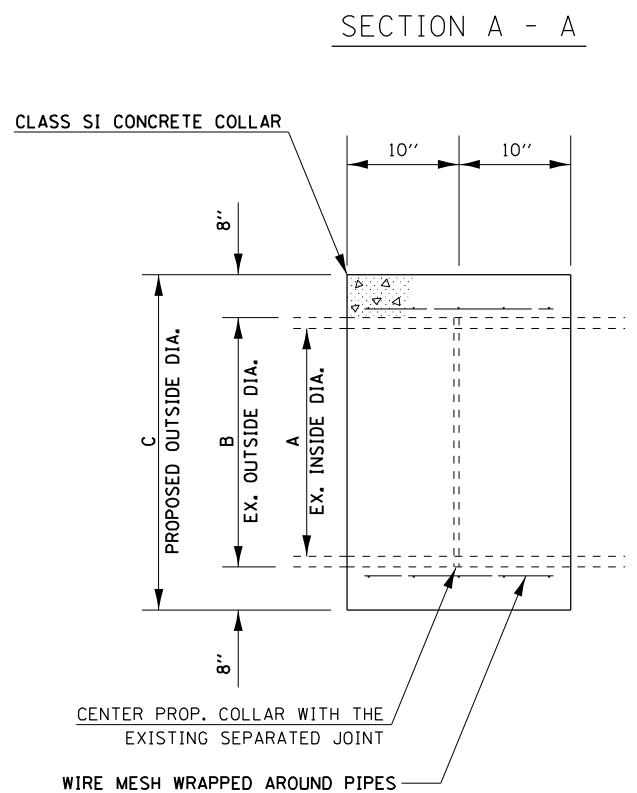
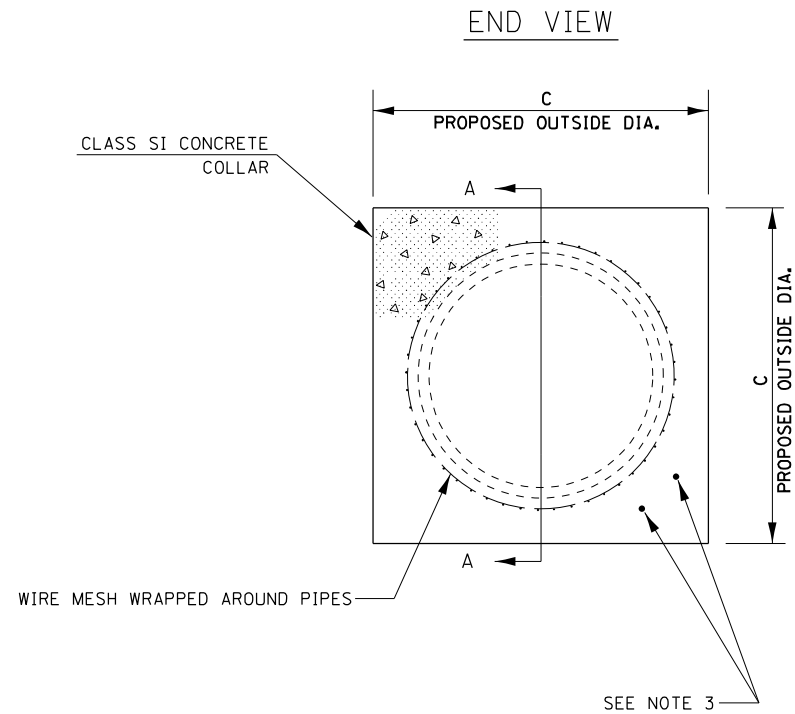
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PLOT DATE = 2/10/2022	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

BRIDGE APPROACH PAVEMENT (SPECIAL)
 SN 062-0053 (CH4)

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*		114	102
CONTRACT NO. 68F87				
ILLINOIS FED. AID PROJECT				

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GENERAL NOTES

1. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
2. THE MIN. WEIGHT FOR WIRE MESH SHALL BE 54#/100 SQ. FT.
3. WHEN PROPOSED CONCRETE COLLARS ARE ADJACENT TO EXISTING CONCRETE STRUCTURES (INLET BOXES, ETC.), EXPANSION BOLTS SHALL BE USED AND SHALL BE INCLUDED IN THE COST OF CONCRETE COLLARS.
4. ALL MATERIAL, EQUIPMENT, LABOR, AND ADDITIONAL WORK REQUIRED TO PROPERLY COMPLETE THE WORK IN PLACE SHALL BE INCLUDED IN THE COST OF CONCRETE COLLAR.

COLLAR DIMENSIONS/QUANTITIES

A	B	C	CLASS SI CONCRETE
INCH	INCH	INCH	CU YD
24	30	46	0.6
30	37	53	0.8
36	44	60	0.9

DRAWING NOT TO SCALE
ACTUAL FIELD LOCATIONS AND
MEASUREMENTS SHALL BE VERIFIED

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	DRAWN -	REVISED -
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PLOT DATE = 2/10/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

COLLAR DETAIL

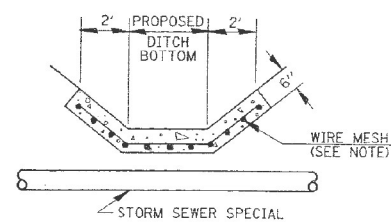
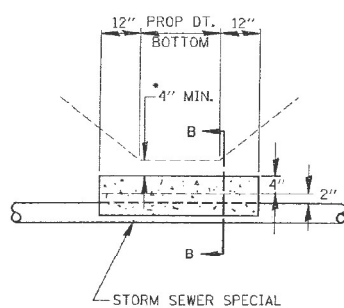
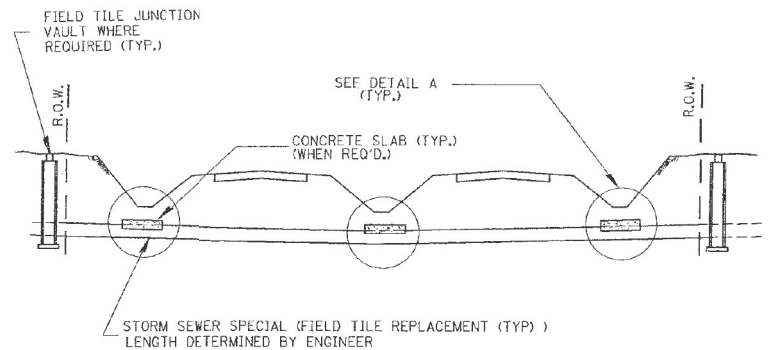
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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			CONTRACT NO. 68F87	

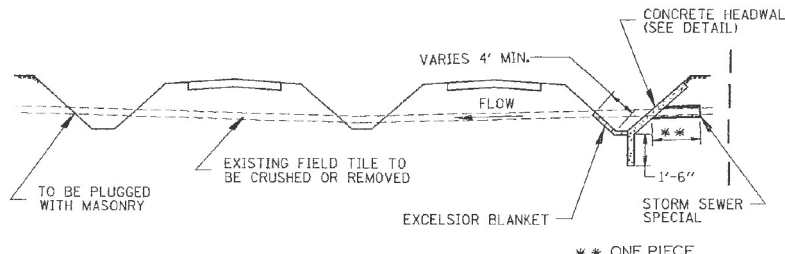
102(3RS-2.4RS)(62-2)RS-1

MARSHALL, WOODFORD

F.A. No.	SECTION	COUNTY	SHEET NO.	SHEET
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STA.	TO STA.			
F.D. SHEET NO.	DIMENSIONS	FEET AND INCHES		



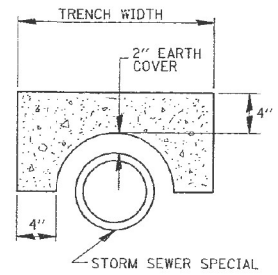
ALTERNATE MATERIALS FOR WALLS	T
PRECAST REINFORCED CONCRETE RISERS	4"
CONCRETE MASONRY UNIT	5"
MONOLITHIC CONCRETE	6"
BUILDING BRICK, GRADE SW FROM CLAY OR SHALE	8"
CONCRETE BUILDING BRICK, GRADE A	8"



DETAIL A
NO SCALE

- IF A 4" COVER CAN NOT BE PROVIDED A PAVED DITCH SHALL BE CONSTRUCTED AS SHOWN IN DETAIL C.
- NOTES
1. WIDTH OF CONCRETE SLAB SHALL BE THE SAME AS THE TRENCH WIDTH IN ACCORDANCE WITH SECTION 603 OF THE STD. SPECIFICATIONS.
 2. CONCRETE FOR SLAB, HEADWALL AND PAVED DITCH SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR "CLASS X CONCRETE, (MISCELLANEOUS)."
 3. A QUANTITY OF CLASS X CONCRETE (MISCELLANEOUS) HAS BEEN INCLUDED IN THE DRAINAGE SCHEDULE FOR THIS ITEM.
 4. COST OF FURNISHING AND INSTALLING WIRE MESH SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR CLASS X CONCRETE. WIRE MESH TO WEIGH NOT LESS THAN 58# PER 100 SQ. FT.

DETAIL C
NO SCALE

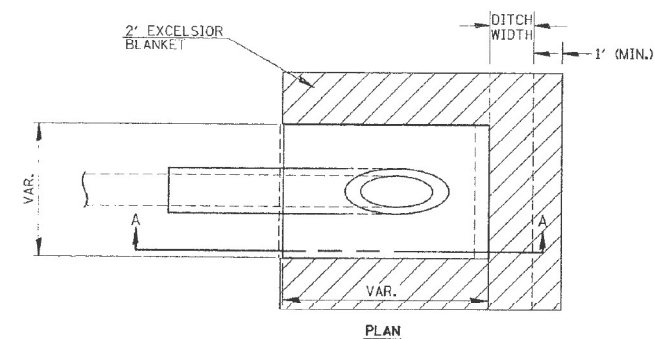


SECTION B-B

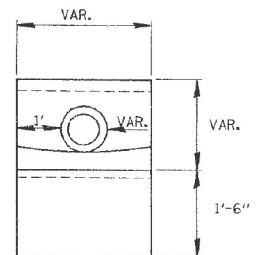
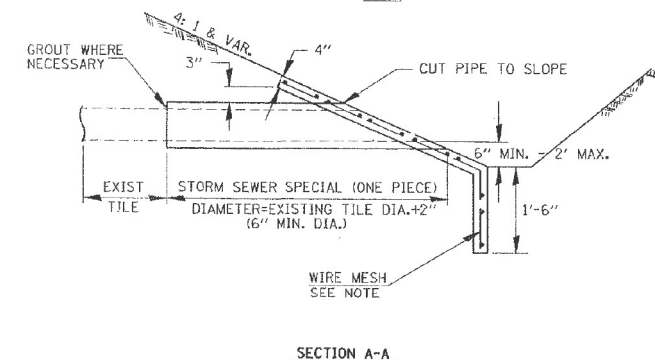
NOTE

1. THE CONTRACT UNIT PRICE FOR FIELD TILE JUNCTION VAULT SHALL INCLUDE THE COST OF FURNISHING AND PLACING THE FRAME AND GRATE OR PRECAST CONCRETE LID AND WHEN REQUIRED, THE SAND CUSHION.

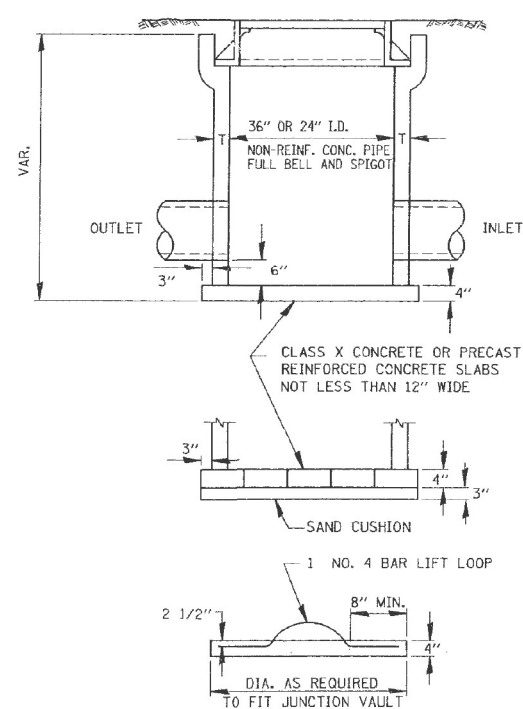
FIELD TILE REPLACEMENT



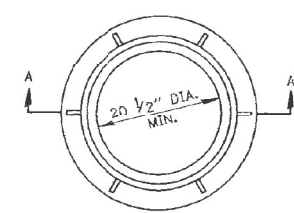
- NOTES
1. ANY STORM SEWER SPECIAL OR BACKSLOPE DRAIN OUTLETTED INTO A DITCH SHALL HAVE A HEADWALL BUILT IN ACCORDANCE WITH THIS DETAIL.
 2. COST OF FURNISHING AND INSTALLING WIRE MESH SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR CLASS X CONCRETE, (MISC.). WIRE MESH TO WEIGH NOT LESS THAN 58# PER 100 SQ. FT.



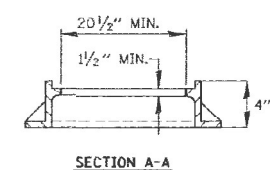
CLASS X CONCRETE HEADWALLS
MEASURED AND PAID FOR AS CLASS X CONCRETE (MISCELLANEOUS)



FIELD TILE JUNCTION VAULT



FRAME AND GRATE
± 145°



REVISIONS	
NAME	DATE
K.E.T.	2-18-88
L.M.T.	4-1-88
R.G.	4-13-88
R.G.	6-16-89

ILLINOIS DEPARTMENT OF TRANSPORTATION
DRAWN BY C.A.D.D.

FIELD TILE DETAILS

SCALE: _____
DATE _____

DRAWN BY L.J.S.
CHECKED BY M.W.

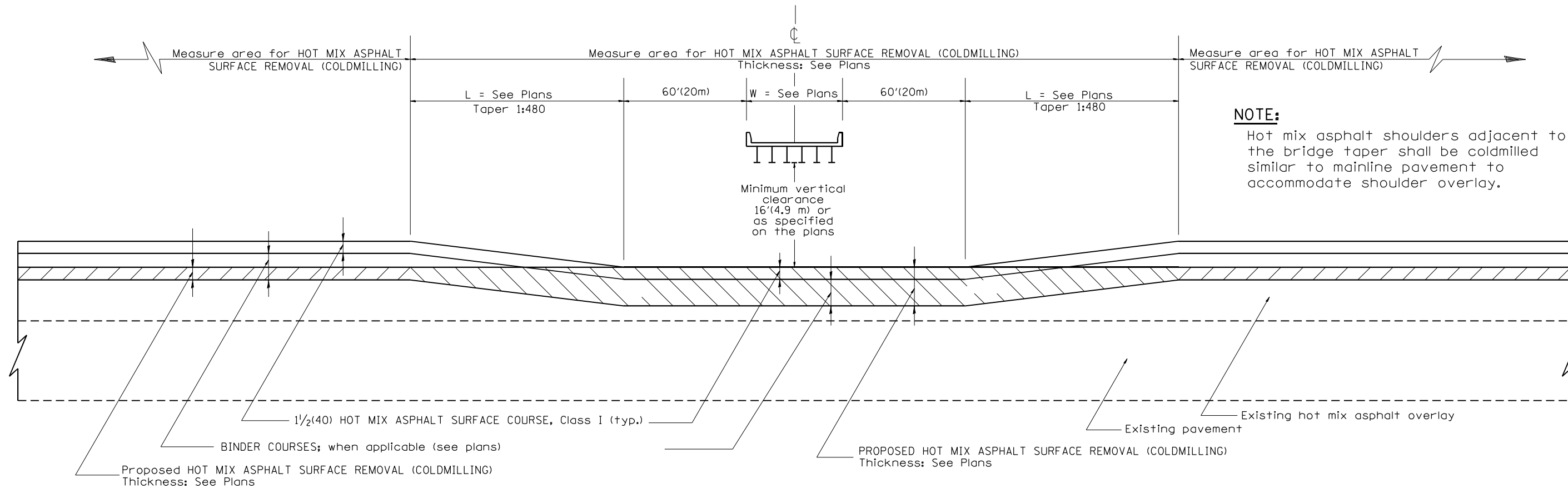
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PLOT DATE = 2/10/2022	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INFORMATION ONLY			
EXISTING FIELD TILE JUNCTION DETAIL			
SCALE:	SHEET 2	OF 2 SHEETS	STA. TO STA.

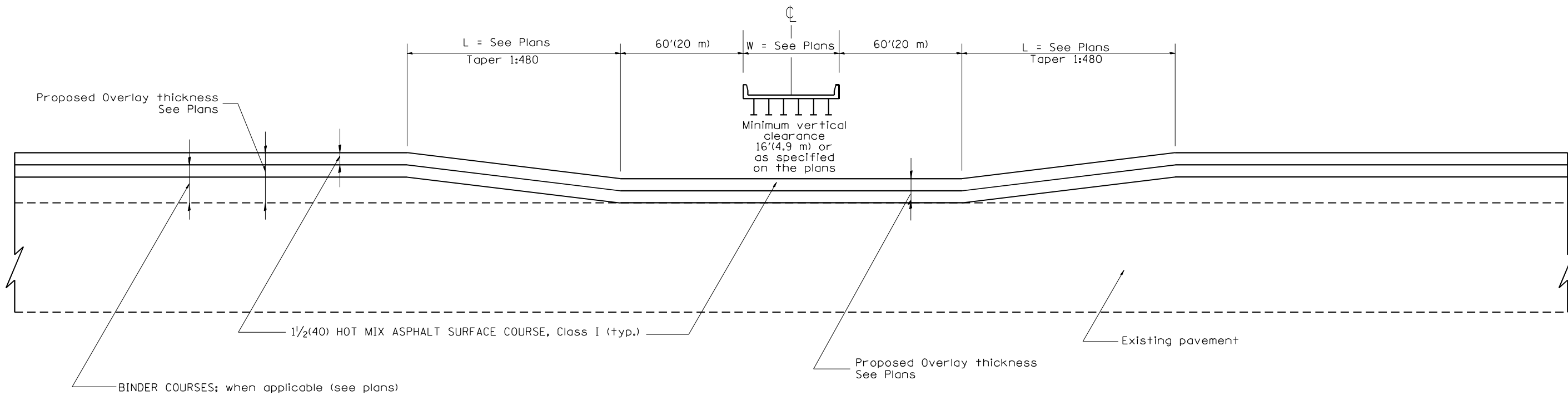
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*		114	104
CONTRACT NO. 68F87				
ILLINOIS FED. AID PROJECT			MARSHALL, WOODFORD	

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NOTE:
Hot mix asphalt shoulders adjacent to the bridge taper shall be coldmilled similar to mainline pavement to accommodate shoulder overlay.

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



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

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

01-01-97	RENUM. C-23.03, NEW REVISION BOX	T.P.
10-16-06	REVISED TO 2007 SPEC.	M.A.
07-16-19	HMA shoulder note edited	R.D.

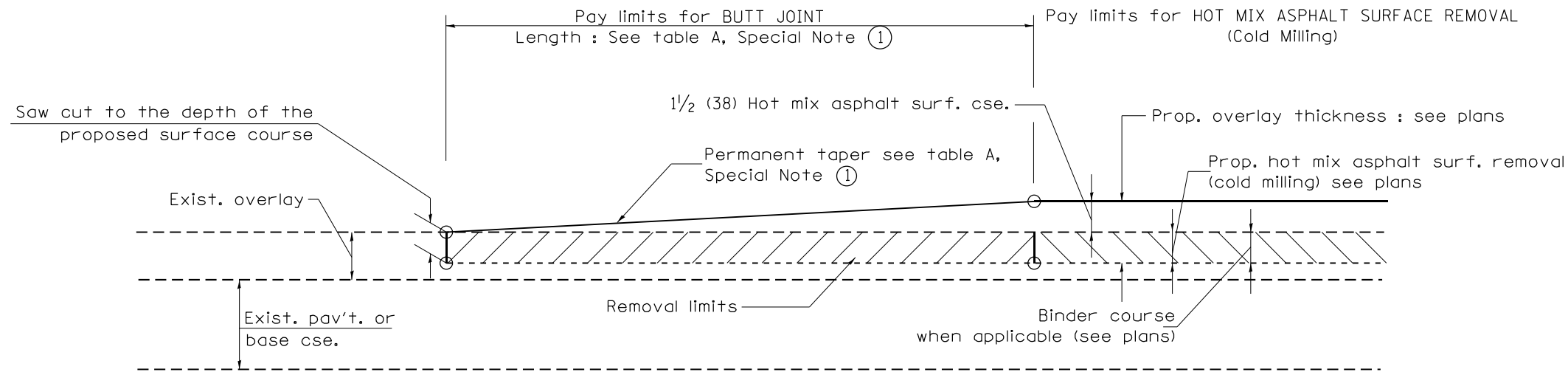
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT OVERLAY UNDER STRUCTURES
SPECIAL TREATMENT**

NOT TO SCALE

CADD STD. 406001-D4

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	105
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68F87	



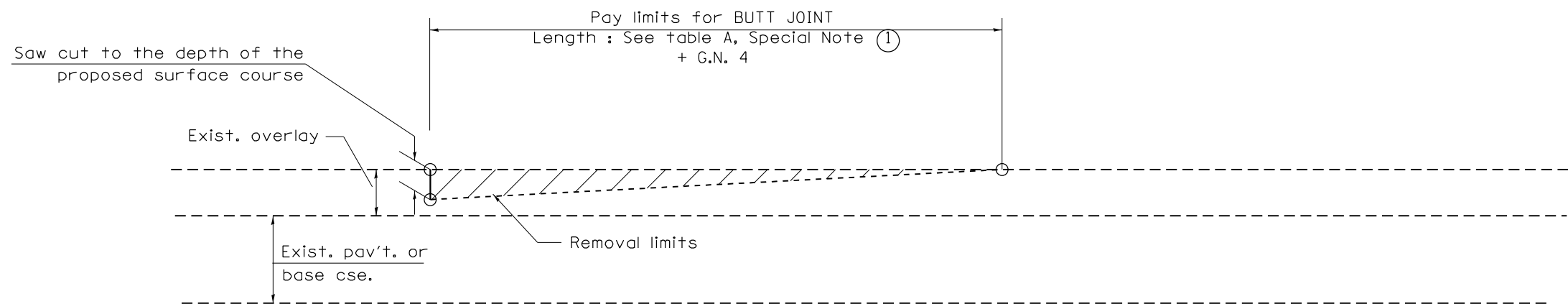
CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

**TABLE A
TAPER RATES**

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

GENERAL NOTES

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



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

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

01-01-97	RENUM. C-23.01, NEW REVISION BOX	T.P.	08-21-13	MAJOR MODIFICATIONS	R.D.
04-01-97	CORRECTION TO DEPTH	J.A.	04-12-16	MINOR CORRECTIONS	R.D.
09-15-05	REVISED DESIGNER NOTE	M.M.A.	02-14-17	ADDED NOTE 5	R.D.
10-16-06	REVISED TO 2007 SPEC.	M.A.	07-16-19	Wordings and Spelling corrections	R.D.

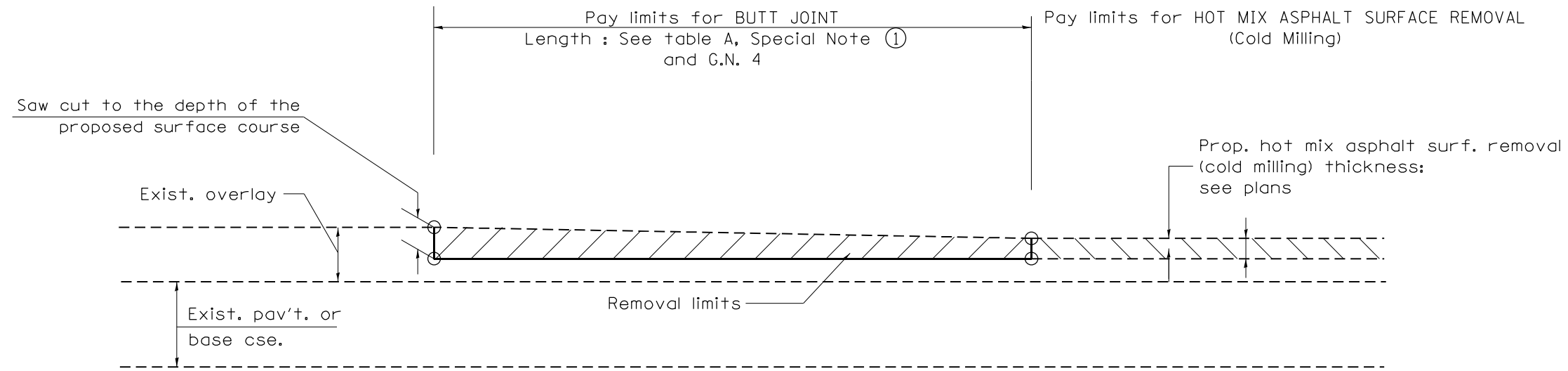
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BUTT JOINTS

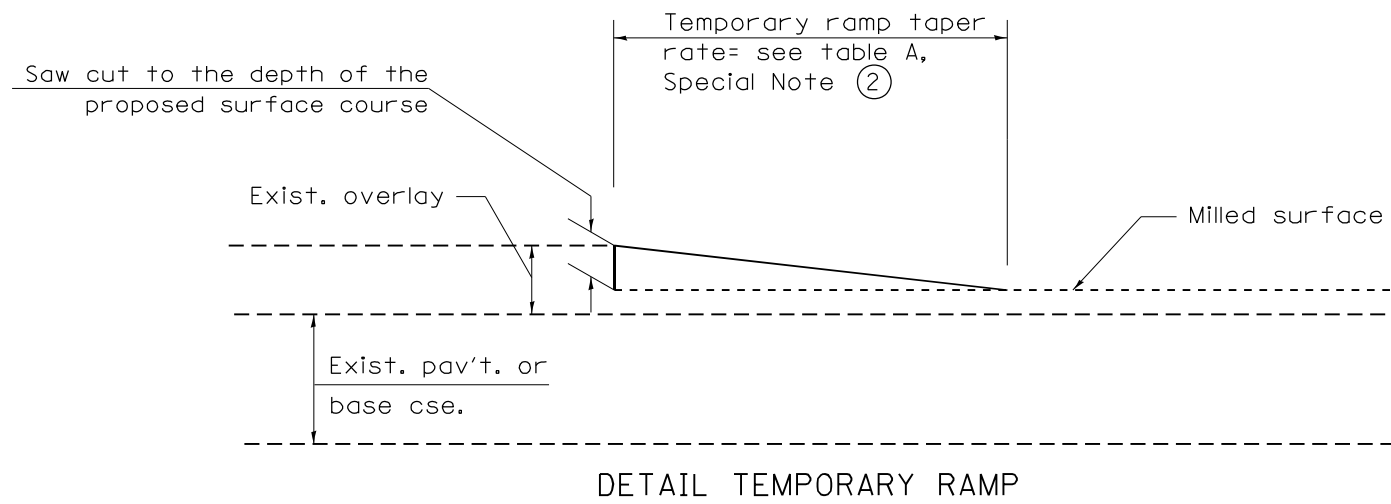
NOT TO SCALE

SHT. 1 OF 3
CADD STD. 406101-D4

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	106
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68F87	



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

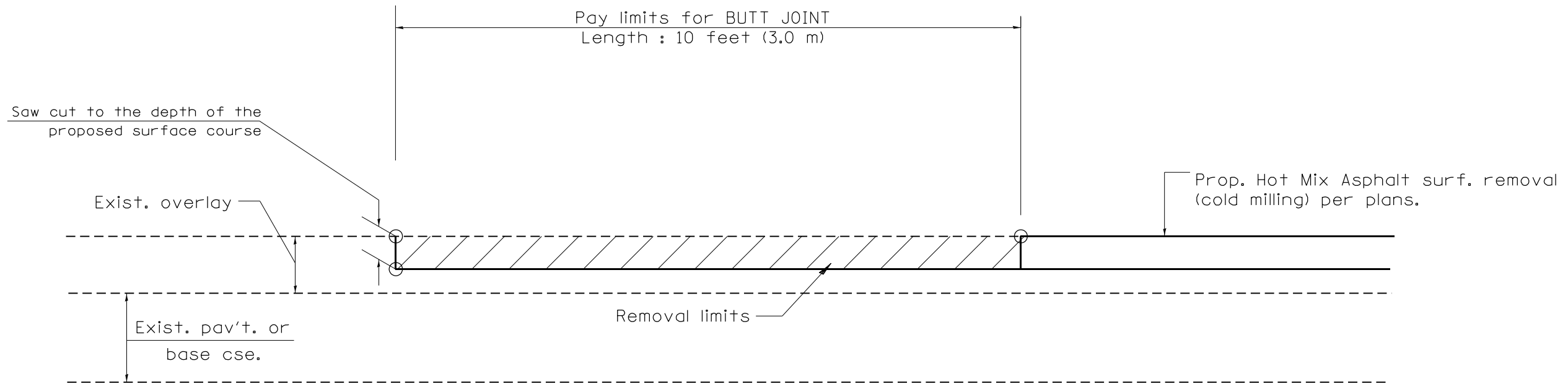


All dimensions are in inches (millimeters) unless otherwise noted.

				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		BUTT JOINTS		SHT. 2 OF 3 CADD STD. 406101-D4	
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.					
39	*	*	114	107	CONTRACT NO. 68F87				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		MARSHALL, WOODFORD					

NOT TO SCALE

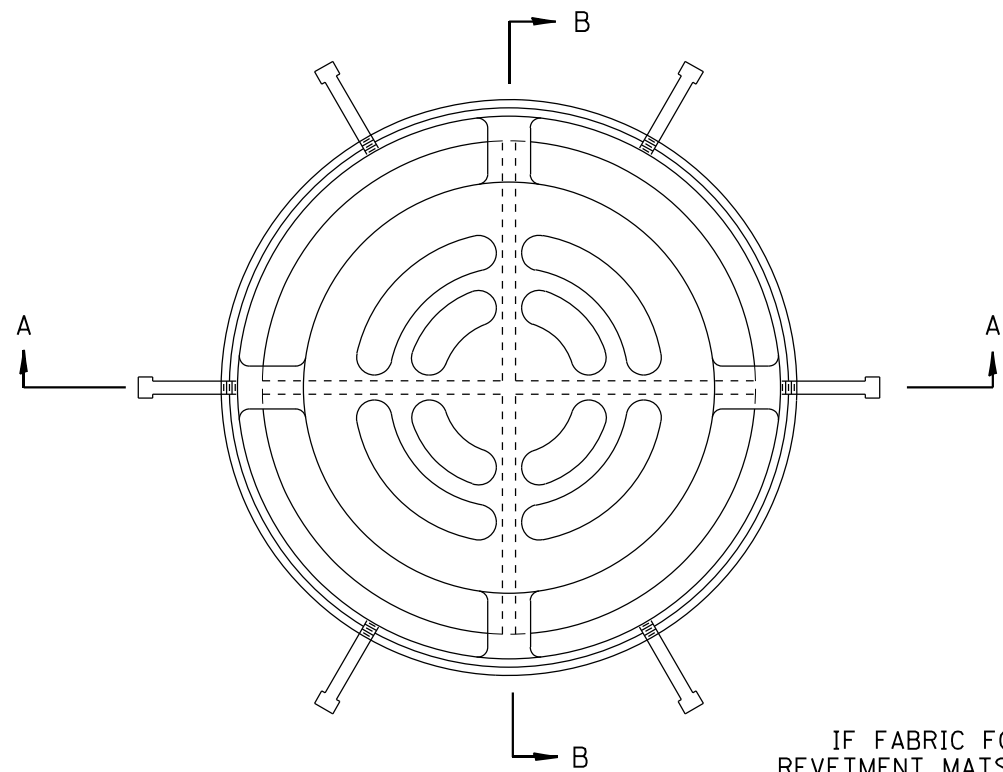
102(3RS-2,4RS)(62-2)RS-1



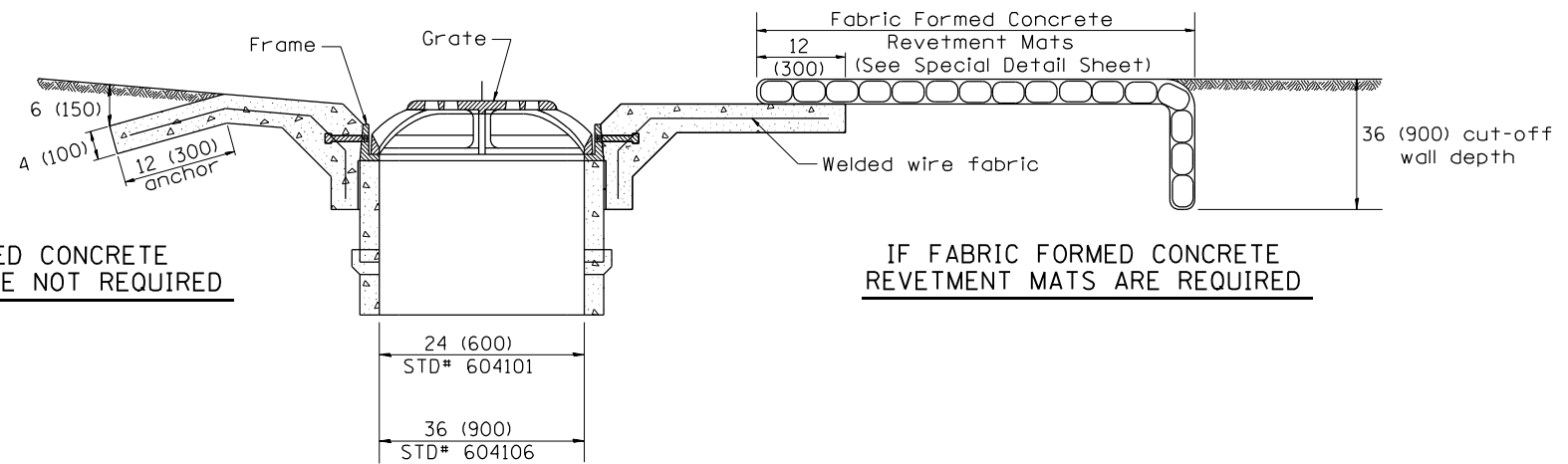
CASE 4 : SINGLE LIFT OVERLAY WITH EQUIVALENT DEPTH
HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER

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.I. RTE.</th> <th>SECTION</th> <th>COUNTY</th> <th>TOTAL SHEETS</th> <th>SHEET NO.</th> </tr> <tr> <td>39</td> <td>*</td> <td>*</td> <td>114</td> <td>108</td> </tr> </table>		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	39	*	*	114	108
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																	
39	*	*	114	108																	
				NOT TO SCALE				CONTRACT NO. 68F87		<table border="1"> <tr> <th>FED. ROAD DIST. NO.</th> <th>ILLINOIS FED. AID PROJECT</th> <th>MARSHALL, WOODFORD</th> </tr> <tr> <td>102(3RS-2,4RS)(62-2)RS-1</td> <td></td> <td></td> </tr> </table>		FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	MARSHALL, WOODFORD	102(3RS-2,4RS)(62-2)RS-1						
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	MARSHALL, WOODFORD																			
102(3RS-2,4RS)(62-2)RS-1																					



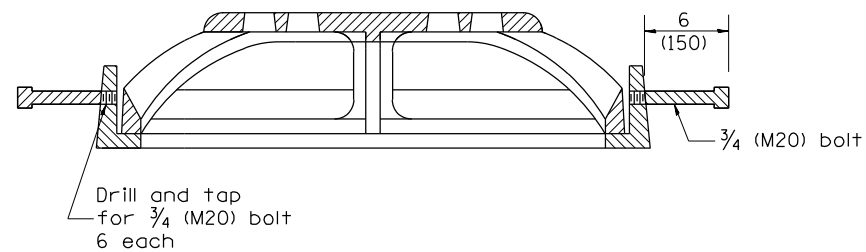
PLAN
(STD# 604101 & 604106)



IF FABRIC FORMED CONCRETE
REVTMENT MATS ARE NOT REQUIRED

IF FABRIC FORMED CONCRETE
REVTMENT MATS ARE REQUIRED

SECTION B-B
(STD# 604101 & 604106)



SECTION A-A
(STD# 604101 & 604106)

GENERAL NOTES

- The applicable portions of Highway Standards 604101 and/or 604106 shall apply, except as noted herein.

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

01-01-97	RENUM. B-4.09, NEW REVISION BOX, REVISED	T.P.		
	DESIGNER NOTES			
10-16-06	REVISED TO 2007 SPEC.	M.A.		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

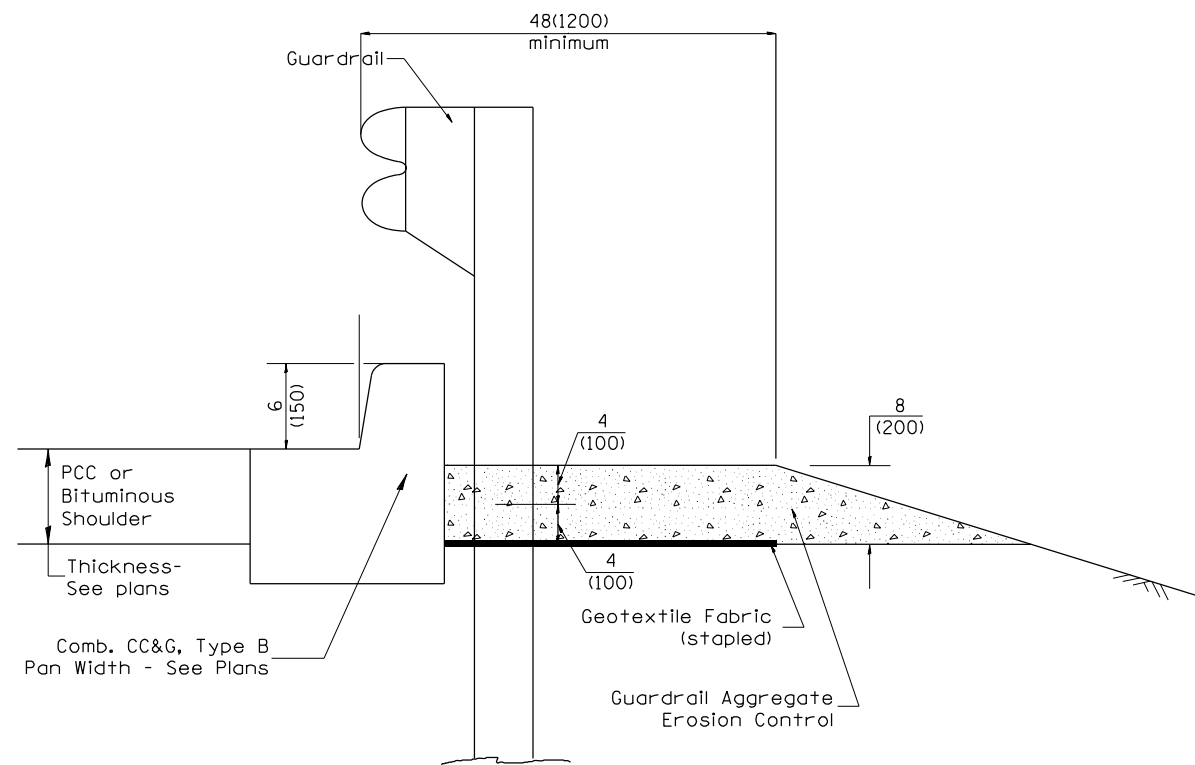
MEDIA INLET (604101), SPECIAL AND
MEDIA INLET (604106), SPECIAL

NOT TO SCALE

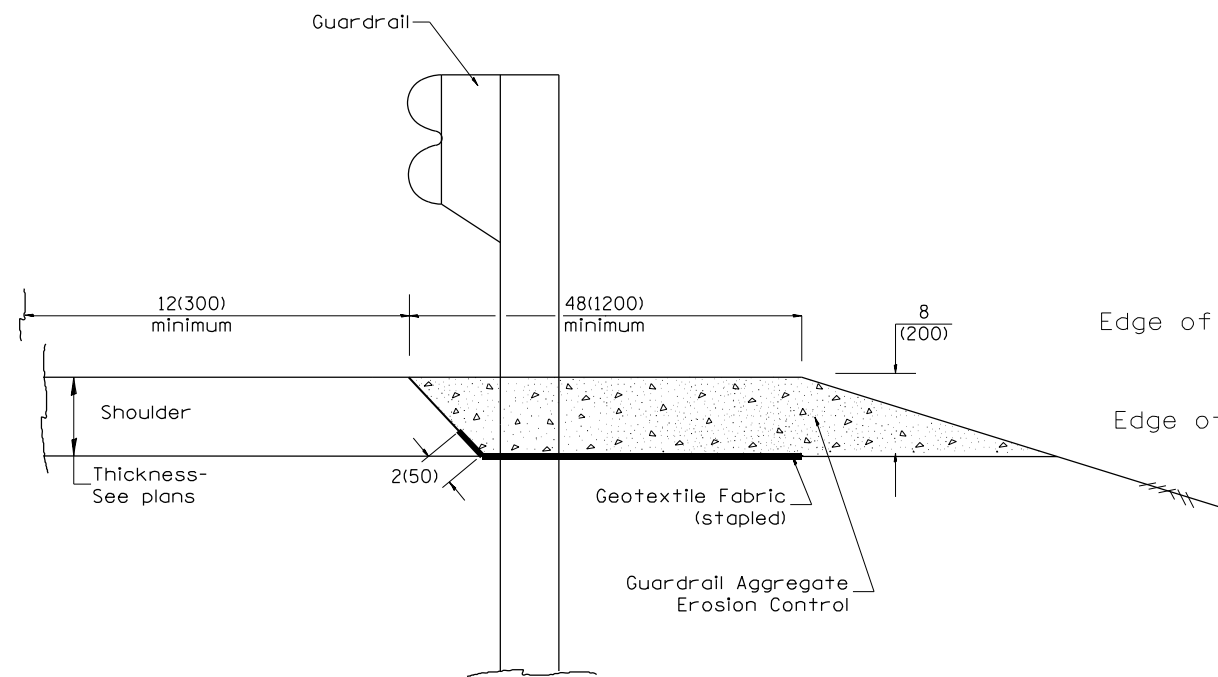
CADD STD. 604101-D4

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39			114	109
			CONTRACT NO. 68F87	

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT MARSHALL, WOODFORD



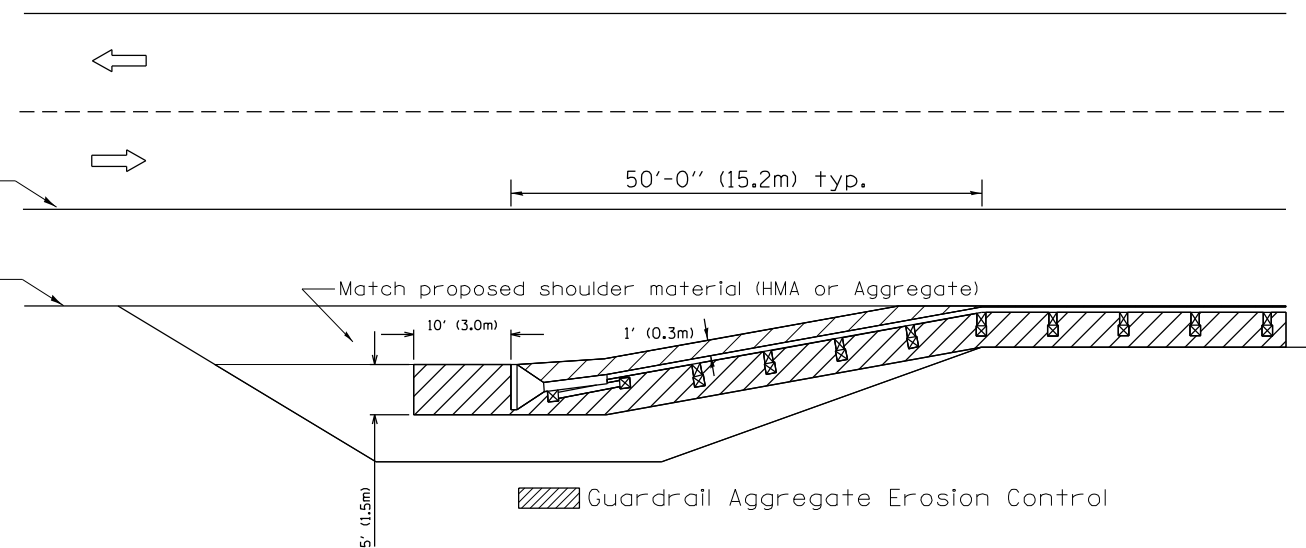
TYPICAL SECTION WITH COMBINATION CONCRETE CURB & GUTTER



TYPICAL SECTION WITHOUT EROSION CONTROL CURB

GENERAL NOTES: GUARDRAIL AGGREGATE EROSION CONTROL

1. This work shall consist of grading as needed, furnishing and installing geotextile fabric and staples, and furnishing, placing and shaping crushed aggregate around and behind Steel Plate Beam Guardrail posts in accordance with Plan Details.
2. Before placing the aggregate and the Geotextile Fabric, weeds and grass shall be removed from the area to be covered.
3. After the area has been prepared, and in a dry condition, the Geotextile fabric shall be placed with a 12(300) minimum overlap. A knife cut for guardrail post installation is necessary.
4. The aggregate shall be deposited, compacted and shaped by either mechanical or hand methods, in a manner reasonably true to line and grade.
5. The Contractor shall have the option of placing the guardrail before or after the Geotextile Fabric and Aggregate are in place. If the guardrail is placed after the Geotextile Fabric and Aggregate, then any voids must be filled and the aggregate returned to line and grade.
6. Materials shall meet the following requirements:
 - A. The crushed aggregate shall be CA1 gradation in accordance with Article 1004.01(c) of the Standard Specifications.
 - B. The Geotextile Fabric shall be nonwoven fabric in accordance with Article 1080.02 of the Standard Specifications.



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

03-07-11	ADDED DETAIL SHOWING PLAN VIEW	R.D.	5-30-18	CHANGE B CURB TO CC&G	R.D.
08-10-12	REVISED CURB "B" AND AGGREGATE	R.D.	07-16-19	SPELLING CORRECTIONS	R.D.
07-15-15	ADDRESSED SHOULDER INLET CURB	R.D.			
01-26-17	REVISED	R.D.			

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GUARDRAIL EROSION CONTROL TREATMENTS

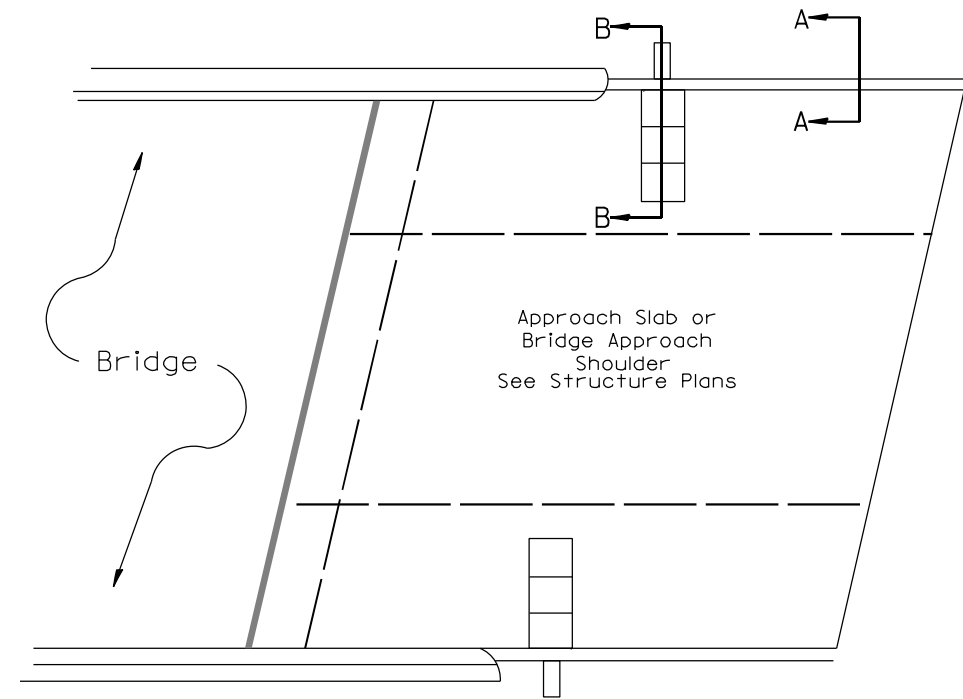
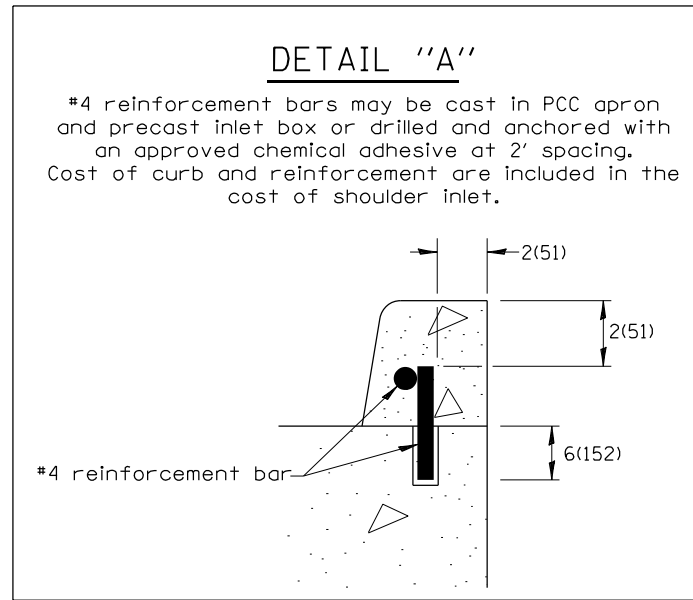
NOT TO SCALE

SHT. 1 OF 2
CADD STD. 630101-D4

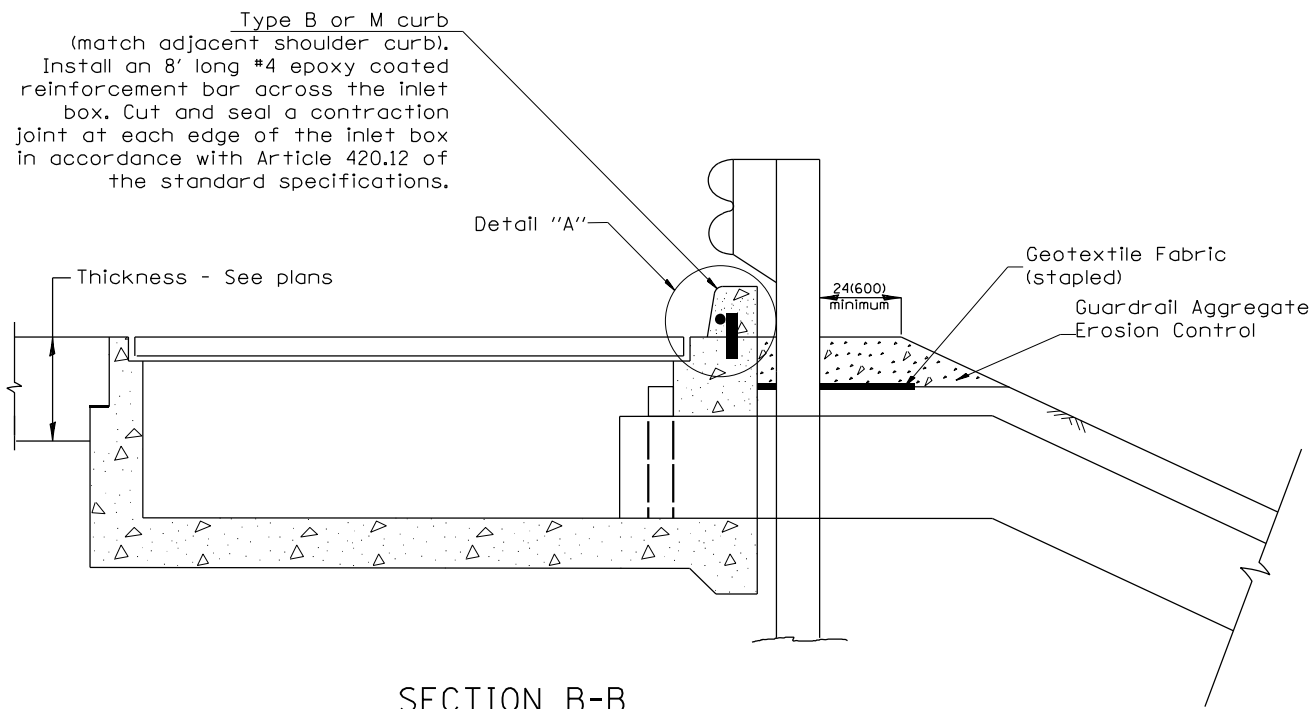
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	*	*	114	110
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68F87	

102(3RS-2,4RS)(62-2)RS-1

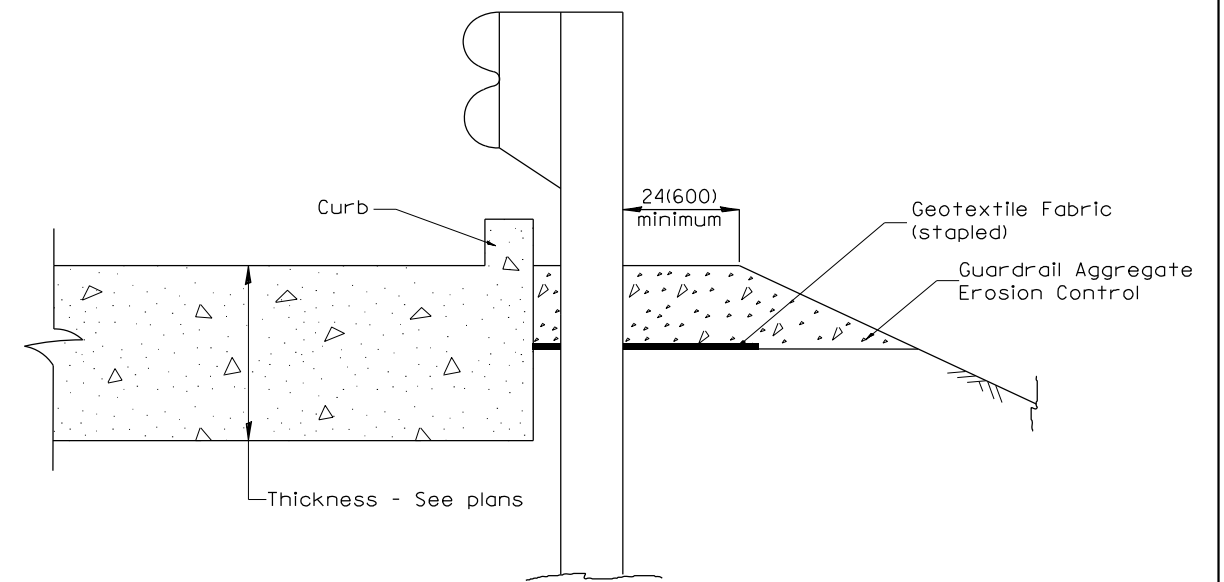
MARSHALL, WOODFORD



PLAN VIEW
APPROACH SLAB OR SHOULDER PLACEMENT



SECTION B-B
TYPICAL SECTION AT INLETS
TYPE E, F & G (HIGHWAY STANDARD 610001)



SECTION A-A
TYPICAL SECTION WITH BRIDGE APPROACH CURB

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

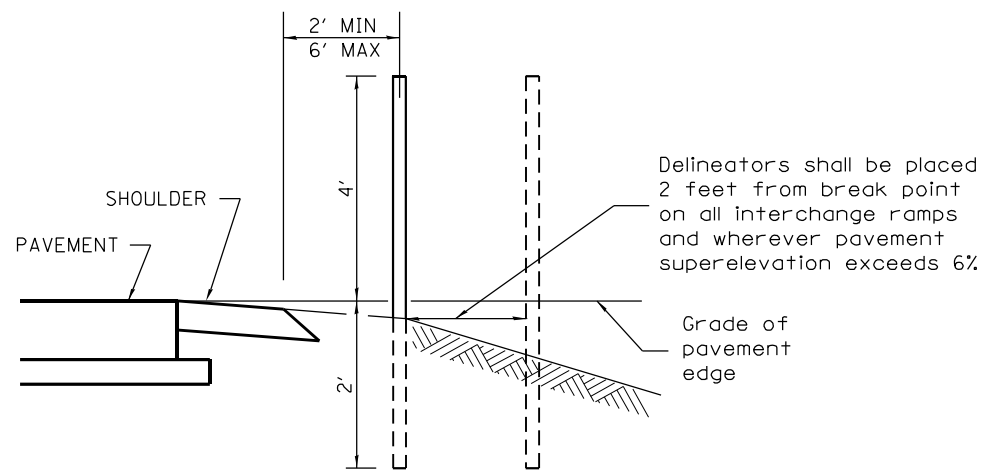
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				GUARDRAIL EROSION CONTROL TREATMENTS				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
								39	*	-	114	111
								CONTRACT NO. 68F87				
								ILLINOIS FED. AID PROJECT				

NOT TO SCALE

SHT. 2 OF 2
CADD STD. 630101-D4

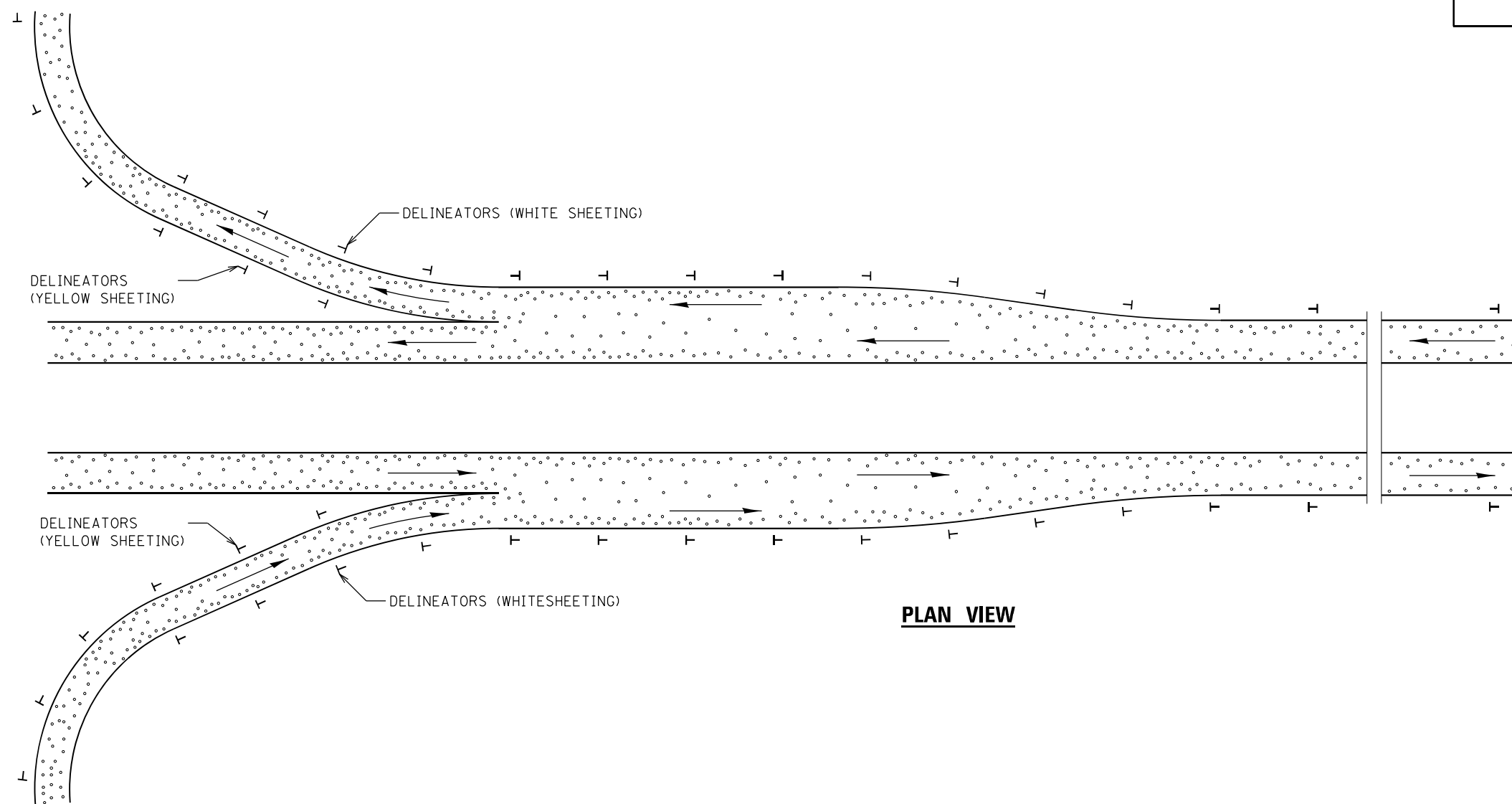
102(3RS-2.4RS)(62-2)RS-1 MARSHALL, WOODFORD

**SPACING FOR
RECOVERABLE DELINEATORS
ON HORIZONTAL CURVES**



SECTIONAL VIEW

LOCATION	RADIUS OF CURVE (FEET)	SPACING ON CURVE (FEET)
SEE HIGHWAY STANDARD 635001		



PLAN VIEW

GENERAL NOTES

Delineators on mainline shall be placed at 400' spacing on tangent sections, and 200' spacing on curved sections.

Delineators on ramps, shall be placed as follows:
 1. On tangent sections, acceleration lanes and deceleration lanes at maximum spacing of 100'.
 2. On outside of all curved sections.
 (See table above for spacing)

08-25-15	NEW STANDARD	R.D.										F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
												39	*		114	112
													CONTRACT NO. 68F87			

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

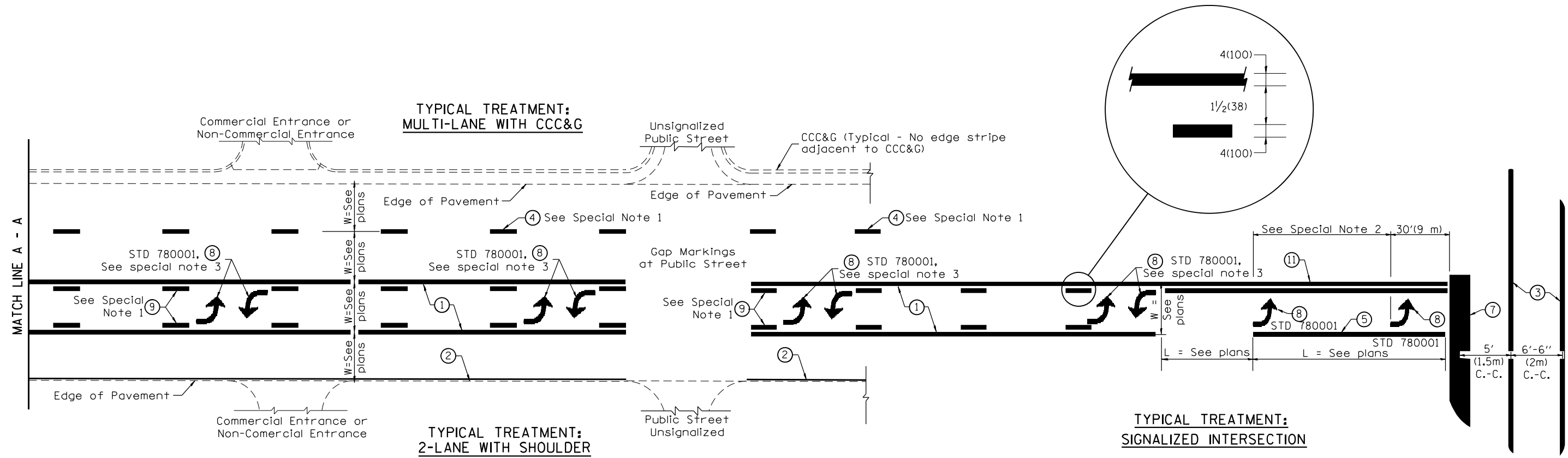
RECOVERABLE DELINEATORS DETAIL

NOT TO SCALE

CADD STD. 635002-D4

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT MARSHALL, WOODFORD

102(3RS-2,4RS)(62-2)RS-1



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

TYPICAL PAVEMENT MARKING LEGEND

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

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

SPECIAL NOTES

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

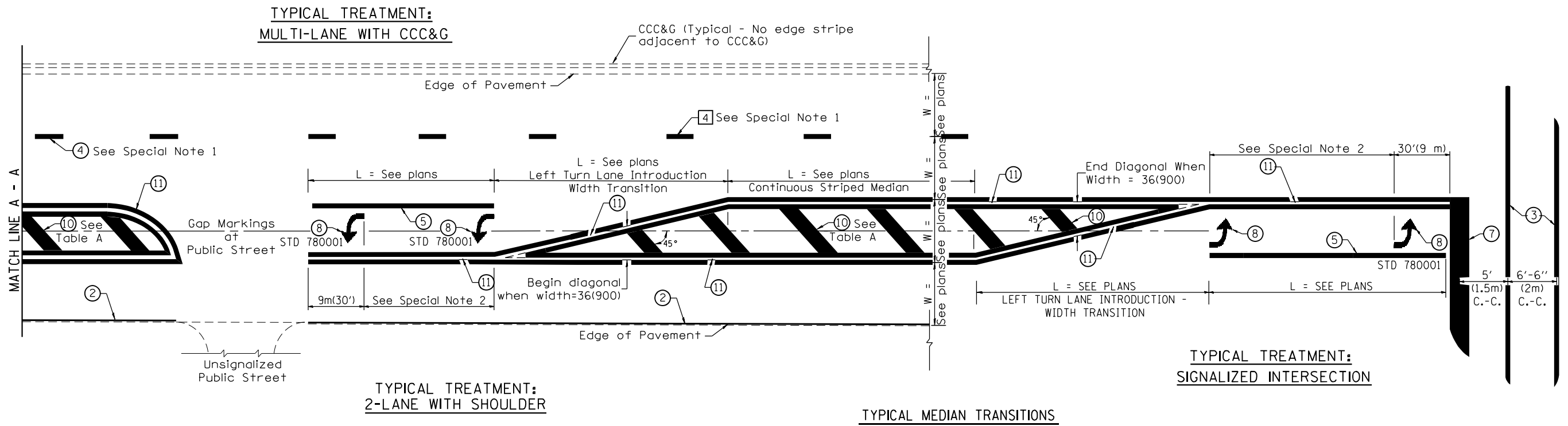
GENERAL NOTES

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

01-01-97	RENUM. F-8.03, NEW REVISION BOX	T.P.	10-16-06	REVISED TO 2007 SPEC.		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL PAVEMENT MARKINGS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
02-07-97	ADD BI DIRECTIONAL DIMENSION	J.A.	2/29/16	ADDED GROOVING AREAS	R.D.			39	*	*	114	113
10-97	CORRECT BI DIRECTIONAL DIMENSION	J.A.	07-16-19	SPELLING CORRECTIONS	R.D.			CONTRACT NO. 68F87				
08-02	ADD CROSSWALK DMNS. WITH T.S.	M.A.						SHT. 1 OF 2 CADD STD. 780001-D4				

NOT TO SCALE

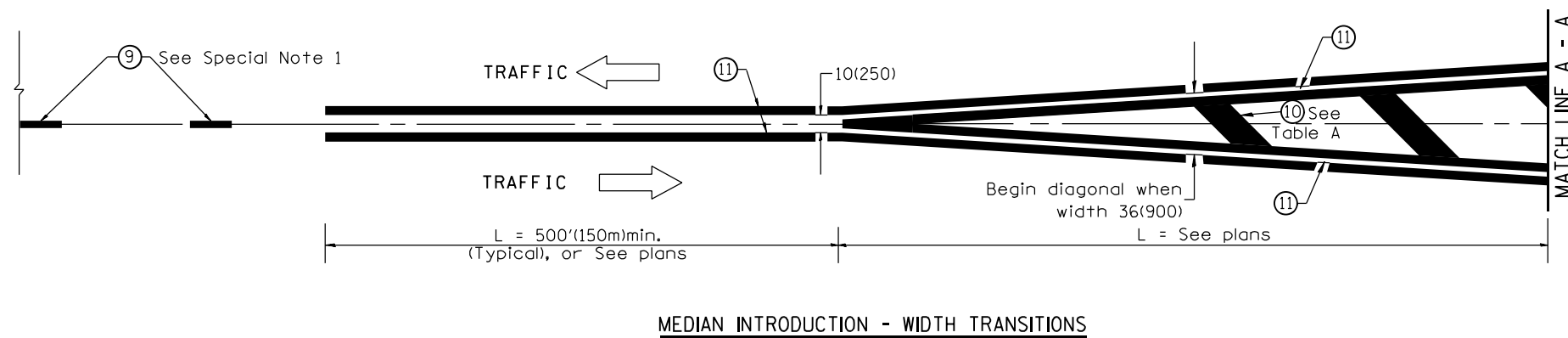
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT MARSHALL, WOODFORD



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)



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