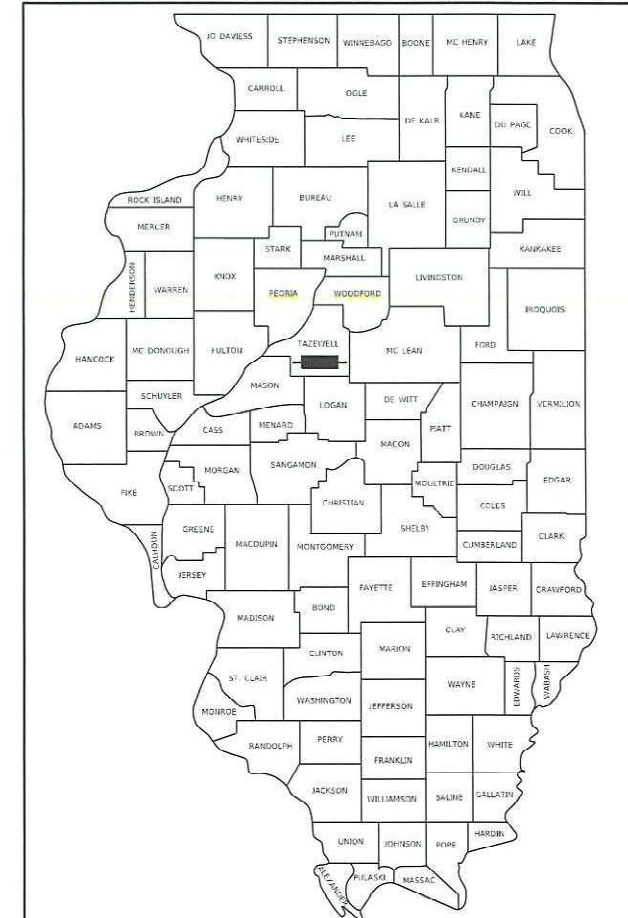


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(R)RS-2;126RS-3	TAZEWELL	63	1
		ILLINOIS		CONTRACT NO. 68J08

D-94-032-24



LOCATION OF SECTION INDICATED THUS: - ■ -

DESCRIPTION: IMPROVEMENTS INCLUDE CLASS D PATCHING, COLD-IN-PLACE RECYCLING, PROPOSED 3' HMA SHOULDERS, GUARDRAIL, PAVEMENT MARKINGS, MINOR DRAINAGE IMPROVEMENTS AND OTHER RELATED COLLATERAL WORK ON IL 122 FROM EAST OF OAK STREET IN DELAVAN TO EAST OF THE I-155 INTERCHANGE.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Mar 21 20 24
Kensel A Garnett REGIONAL ENGINEER

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

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

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED
HIGHWAY PLANS

ROUTE FAP 705 (IL 122)
SECTION (R)RS-2;126RS-3
PROJECT STP-LS39 (494)
3P RESURFACING
TAZEWELL COUNTY
C-94-044-24

INDEX OF SHEETS

06-14-2024 LETTING ITEM 136

1. COVER SHEET
2. GENERAL NOTES
3. STATUS OF UTILITIES, MIX REQUIREMENTS, & JOB SPECIFIC NOTES
- 4-9. SUMMARY OF QUANTITIES
- 10-17. SCHEDULE OF QUANTITIES
18. LINE DIAGRAM
- 19-20. TYPICALS
- 21-38. GENERAL PLAN
- 39-41. GUARDRAIL PLAN
- 42-43. PAVEMENT MARKING
44. BUTT-JOINT DETAIL
- 45-46. SEQUENCE OF OPERATIONS
47. CORRUGATED MEDIAN DETAIL
48. LINEAR DELINEATOR PANEL 4" DETAIL
- 49-51. CULVERT EXTENSION DETAILS
- 52-55. FOR INFORMATION ONLY
- 56-63. DISTRICT STANDARDS

HIGHWAY STANDARDS

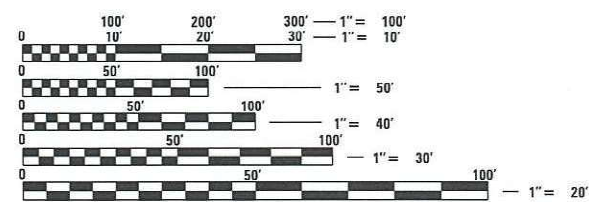
280001-07	630301-09	701006-05	701326-04	782006-01
442201-03	631011-10	701201-05	701336-07	
482011-03	642001-03	701301-04	701901-09	
630001-13	642006-01	701306-04	780001-05	
630106-02	701001-02	701311-03	781001-04	

D4 CADD STANDARDS

406101-D4	630101-D4
406201-D4	780001-D4

DESIGN DESIGNATION:

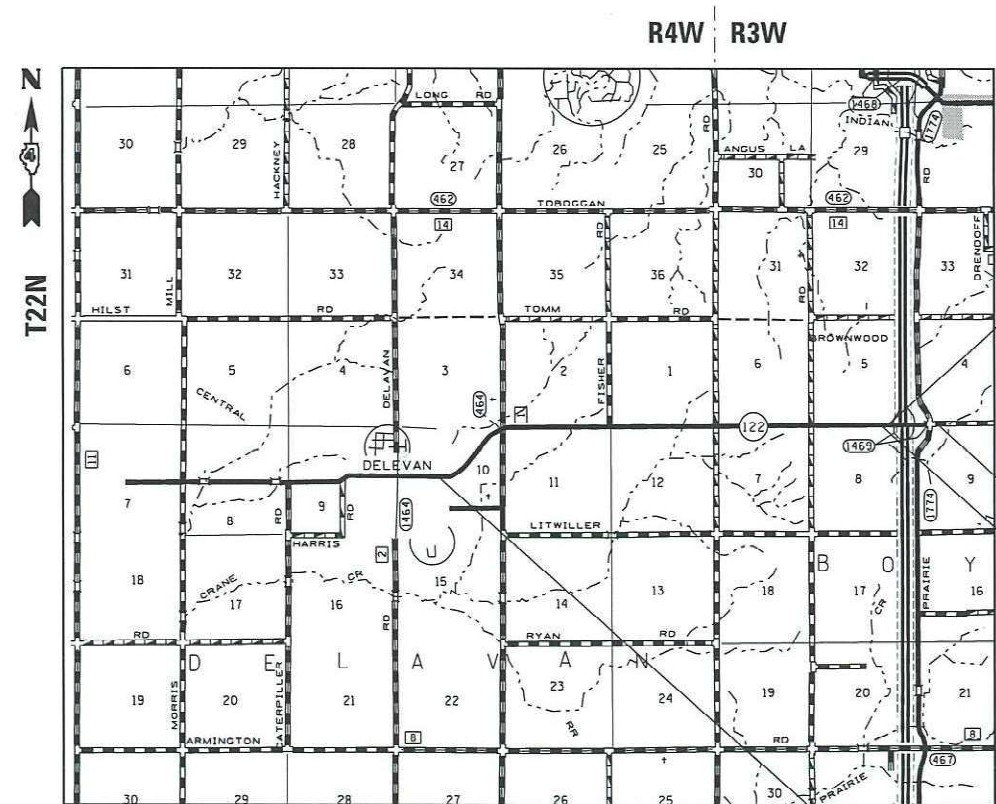
MINOR ARTERIAL
ADT (2021): 1450
MU (2021): 6.9%
SU (2021): 4.83%



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: KAREN DVORSKY 309-671-3490
PROJECT MANAGER: DAVID GREEN & ZACK GILHAM 309-671-3474
CATALOG NO. 035330-01D
CONTRACT NO. 68J08



BRIDGE OMISSION
STA. 522+70 TO 527+56
(SEE CONTRACT 68H71)

IMPROVEMENTS END
STA. 536+71.0

STATION EQUATION
STA. 230+30.89 (BK) =
STA. 511+96.79 (AH)

IMPROVEMENTS BEGIN
STA. 0+06.0

GROSS LENGTH = 25,499.1 FT. = 4.829 MILE
NET LENGTH = 25,499.1 FT. = 4.829 MILE

GENERAL NOTES

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 WITH THIS PROJECT.

107.09A CONSECUTIVE SIDE STREET (ROAD) CLOSURE – PROHIBITED

1. No two consecutive side streets (roads) may be closed at the same time during construction. The Contractor must alternate streets (roads).
2. Adjacent sideroads will not be closed simultaneously. BLR Standard 21 shall be used for all local road closures without any entrances within the closed area. BLR Standard 22 can be used where it is necessary to allow local traffic access.

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.

351.08 AGGREGATE FOR DRIVEWAY REPLACEMENT

The material used for construction of permanent aggregate driveways shall be gravel or crushed stone, as directed by the Engineer, to replace in kind the existing aggregate driveways.

No additional compensation shall be provided for this requirement but shall be considered as included in the cost of the pay item for the aggregate as specified on the plans.

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

406.18 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.

503.00 CROSSING EXISTING STRUCTURES WITH EQUIPMENT

The following structure, SN 090-0138, may be crossed with the empty MTD with the following maximum gross weight restriction of 40 tons.

Any structures not listed above shall be verified by the resident prior to beginning work.

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.

780.00 NO PASSING ZONE VERIFICATION

The resident shall contact Operations to verify the location of no passing zones prior to placement of centerline striping.

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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(R)RS-2;126RS-3	TAZEWELL	63	2
			CONTRACT NO. 68J08	
		ILLINOIS	FED. AID PROJECT	

STATUS OF UTILITIES

68J08 STATUS OF UTILITIES						
Route	Location	Min. Depth	Company	Type of Utility	Type of conflict	Disposition
IL 122	Multiple aerial crossings. See plan sheets	Poles/Aerial	Ameren	Electric	Equipment	Caution
IL 122	~Sta. 45+00 & 52+50	36"	Ameren	4 UG crossings (in conduit)	full depth pavement patching & excavation for proposed shoulder	Caution
IL 122	East of Prairie Road	Poles/Aerial	Corn Belt Energy	Electric	Equipment	Caution
IL 122	Crossing at ~Sta. 40+50	36"	Ameren	Gas	full depth pavement patching & excavation for proposed shoulder	Caution
IL 122	Crossing at ~Sta. 513+00 & Sta. 536+00	18"	Frontier Comm.*	Copper	full depth pavement patching & guardrail	Caution
IL 122	Crossing at ~Sta. 39+50 (at Springfield Road)	36"	AT&T Distribution**	Fiber Optic with Copper	full depth pavement patching & excavation for proposed shoulder	Caution
IL 122	South side of highway from First Street to Brownwood Road (Variable offset- See plans)	28"		Copper (to be abandoned)	excavation for proposed shoulder, grading and shaping ditches	Caution
IL 122	Crossing at ~Sta. 39+75 (at Springfield Road) & ~Sta. 191+00 (at Brownwood Road)	28"		Copper	full depth pavement patching & excavation for proposed shoulder	Caution
IL 122	Oak Street to Springfield Road along south ROW and IL 122 crossing at ~ Sta. 40+00	18"	Stratus	Fiber Optic Cable	Equipment	Caution
IL 122	Crossing at ~Station 184+00	30"	Rail Splitter Wind Farm	buried electric	Equipment	Caution
IL 122	Crossing at ~Station 0+00 & ~Sta. 20+00	36"	Delavan	8" Water Main	full depth pavement patching & excavation for proposed shoulder	Caution
IL 122	Crossing at ~Station 520+00	18"	Level 3/Lumen	Fiber Optic Cable	full depth pavement patching & guardrail	Caution

* FRONTIER COPPER SHOWN AS 'CTV' ON PLAN SHEETS
 **AT&T COPPER SHOWN AS 'T' AND FIBER/COPPER SHOWN AS 'FO' ON PLAN SHEETS

MIX REQUIREMENTS

STA. 0 + 06 to STA. 511 + 96.79

The following mixture requirements are applicable for this project:

Location(s):	Mainline	Mainline	Shoulders	Shoulders	Mainline	Mainline
Mixture Use(s):	Polymer Surface 1.5"	Polymer Level Binder 1"	HMA Shoulders (Top Binder 2")	Shoulders (Lower Lift 4.5")	Class D Patching	Incidental Surface
AC/PG:	SBS or SBR 70-28	SBS or SBR 70-28	PG 58-28	PG 58-28	PG 58-28	PG 58-28
Design Air Voids:	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50
Mixture Composition: (Mixture Gradation)	IL 9.5	IL 4.75	IL 9.5	IL 19.0	IL 19.0	IL 9.5
Friction Aggregate:	Mix D	Mix D	N.A.	N.A.	N.A.	Mix C
Quality Management Program:	QCP	QCP	QCQA	QCQA	QCQA	QCQA
MTD:	YES	YES	YES	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 for PFP and QCP mixes will be 1000 tons, unless otherwise agreed to by the Engineer and the paving contractor.

STA. 511 + 96.79 to STA. 535 + 71.0

The following mixture requirements are applicable for this project:

Location(s):	Mainline	Mainline	Shoulders	Shoulders	Shoulders	
Mixture Use(s):	Polymer Surface 1.5"	Polymer Binder 1.5"	Polymer Shoulder (Surface Lift 1.5")	HMA Shoulders (Lower Lift 1.5")	Shoulders (Lower Lift 3.0")	Class D Patching
AC/PG:	SBS or SBR 70-28	SBS or SBR 70-28	SBS or SBR 70-28	PG 58-28	PG 58-28	PG 58-28
Design Air Voids:	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50
Mixture Composition: (Mixture Gradation)	IL 9.5	IL 9.5	IL 9.5	IL 9.5	IL 19.0	IL 19.0
Friction Aggregate:	Mix D	N.A.	Mix D	N.A.	N.A.	N.A.
Quality Management Program:	QCP	QCQA	QCP	QCQA	QCQA	QCQA
MTD:	YES	Yes	YES	YES	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 for PFP and QCP mixes will be 1000 tons, unless otherwise agreed to by the Engineer and the paving contractor.

JOB SPECIFIC NOTES

COLD IN-PLACE RECYCLING

Existing paving fabric was used as reflective crack control treatment on a previous contract and will be approximately 2 1/2" from the existing surface at various locations.

TEMPORARY PAVEMENT MARKING – PAINT

Temporary Pavement Markings shall be placed in the same location as the permanent markings. Removal of temporary pavement markings will be included in the grooving for the Modified Urethane Pavement Markings.

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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STATUS OF UTILITIES, MIX REQUIREMENTS,
& JOB SPECIFIC NOTES**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(R)RS-2;126RS-3	TAZEWELL	63	3
			CONTRACT NO. 68J08	
		ILLINOIS	FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
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				0006	0021	0006	0021	0006	
				STP - RURAL	STP - RURAL	STP - RURAL SP. RULE	STP - RURAL SP. RULE	NONE	
21301052	EXPLORATION TRENCH 52" DEPTH	FOOT	500	500					
25000750	MOWING	ACRE	16						16
28000400	PERIMETER EROSION BARRIER	FOOT	500	500					
28000500	INLET AND PIPE PROTECTION	EACH	3	3					
28100225	STONE RIPRAP, CLASS B3	TON	16	16					
28100830	STONE DUMPED RIPRAP, CLASS B4	TON	29	29					
31101900	SUBBASE GRANULAR MATERIAL, TYPE C	TON	71	62		9			
40200100	AGGREGATE SURFACE COURSE, TYPE A	TON	10	10					
40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	120399	114542		5857			
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	2608	1535		1073			
40600990	TEMPORARY RAMP	SQ YD	1169	985		184			
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	3213	3213					
40603205	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50	TON	651	380		271			
40604160	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	6865	6594		271			

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 1 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(R)RS-2;126RS-3	TAZEWELL	63	4
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68J08	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
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				STP - RURAL	STP - RURAL	STP - RURAL SP. RULE	STP - RURAL SP. RULE	NONE
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	2	2				
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	8124	5209		2915		
44000173	HOT-MIX ASPHALT SURFACE REMOVAL, 6"	SQ YD	1166	1166				
44003510	MEDIAN REMOVAL PARTIAL DEPTH	SQ FT	1428	713		715		
44201741	CLASS D PATCHES, TYPE II, 8 INCH	SQ YD	36	23		13		
44201745	CLASS D PATCHES, TYPE III, 8 INCH	SQ YD	34	34				
44201803	CLASS D PATCHES, TYPE II, 13 INCH	SQ YD	518	518				
44201807	CLASS D PATCHES, TYPE III, 13 INCH	SQ YD	229	229				
44201809	CLASS D PATCHES, TYPE IV, 13 INCH	SQ YD	1946	1946				
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	2041	2041				
48203023	HOT-MIX ASPHALT SHOULDERS, 6 1/2"	SQ YD	15315		15315			
48203100	HOT-MIX ASPHALT SHOULDERS	TON	622	622				
50104400	CONCRETE HEADWALL REMOVAL	EACH	1	1				
50800105	REINFORCEMENT BARS	POUND	42	42				

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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 2 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(R)RS-2;126RS-3	TAZEWELL	63	5
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68J08	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
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				0006	0021	0006	0021	0006
				STP - RURAL	STP - RURAL	STP - RURAL SP. RULE	STP - RURAL SP. RULE	NONE
54248510	CONCRETE COLLAR	CU YD	1	1				
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	3	3				
60905305	BOX CULVERTS TO BE CLEANED	FOOT	34	34				
60920015	PIPE CULVERTS TO BE CLEANED 15"	FOOT	300	300				
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	1950		937.5		1012.5	
* 63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	FOOT	75		75			
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	4		3		1	
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	8		7		1	
63200310	GUARDRAIL REMOVAL	FOOT	2360		1243		1117	
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	42720		42720			
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	578		289		289	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6				
67100100	MOBILIZATION	L SUM	1	1				
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1				

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 3 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(R)RS-2;126RS-3	TAZEWELL	63	6
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68J08	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
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				0006	0021	0006	0021	0006	
				STP - RURAL	STP - RURAL	STP - RURAL SP. RULE	STP - RURAL SP. RULE	NONE	
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1					
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1					
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1					
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	7	7					
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	14	14					
70300100	SHORT TERM PAVEMENT MARKING	FOOT	7236	7092		144			
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1643	1595		48			
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	31		31				
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	27834		26605		1229		
70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	48344		47347		997		
70300251	TEMPORARY PAVEMENT MARKING - LINE 8"- PAINT	FOOT	346		346				
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	8		7		1		
* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	31		31				
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	27834		26605		1229		

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PLOT DATE = 4/18/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 4 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(R)RS-2;126RS-3	TAZEWELL	63	7
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68J08	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
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				0006	0021	0006	0021	0006
				STP - RURAL	STP - RURAL	STP - RURAL SP. RULE	STP - RURAL SP. RULE	NONE
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	48344		47347		997	
* 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	346		346			
* 78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	42		42			
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	27834		26605		1229	
* 78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	48344		47347		997	
* 78011045	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	346		346			
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	403		377		26	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	403		377		26	
X0327902	MAILBOX REMOVE AND REPLACE	EACH	8	8				
X1200111	PRECAST BOX CULVERT END SECTION	EACH	1	1				
X2020060	EXCAVATING AND GRADING EXISTING SHOULDER, (SPECIAL)	UNIT	453	453				
X2020114	GRADING AND SHAPING DITCHES (SPECIAL)	FOOT	2500	2500				
X2810228	STONE RIPRAP, CLASS B4 (SPECIAL)	TON	167	167				
X4005500	CIR FULL DEPTH RECLAMATION EMULSIFIED ASPHALT	TON	366	366				

* = SPECIALTY ITEM

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PLOT DATE = 4/18/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 5 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(R)RS-2;126RS-3	TAZEWELL	63	8
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68J08	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				80/20 FED/STATE ROADWAY	80/20 FED/STATE SAFETY	80/20 FED/STATE ROADWAY	80/20 FED/STATE SAFETY	100% STATE ROADWAY	
				0006	0021	0006	0021	0006	
				STP - RURAL	STP - RURAL	STP - RURAL SP. RULE	STP - RURAL SP. RULE	NONE	
X4200002	COLD IN-PLACE RECYCLING, 4.0"	SQ YD	56161	56161					
X4400196	HOT-MIX ASPHALT SURFACE REMOVAL (SPECIAL)	SQ YD	1279	1279					
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	56161	56161					
* X6330725	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)	FOOT	525		425		100		
X6350204	LINEAR DELINEATOR PANELS, 4 INCH	EACH	38		23		15		
XZ013798	CONSTRUCTION STATION LAYOUT	L SUM	1	1					
Z0001002	GUARDRAIL AGGREGATE EROSION CONTROL	TON	635		392		243		
Z0034105	MATERIAL TRANSFER DEVICE	TON	11995	11312		683			

* = SPECIALTY ITEM

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PLOT DATE = 4/18/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(R)RS-2;126RS-3	TAZEWELL	63	9
CONTRACT NO. 68J08			ILLINOIS FED. AID PROJECT	

CLEANING SCHEDULE						
LOCATION			PIPE CULVERTS TO BE CLEANED, 15"	BOX CULVERTS TO BE CLEANED	GRADING AND SHAPING DITCHES (SPECIAL)	STONE RIPRAP CLASS B3
			FOOT	FOOT	FOOT	TON
STA.	3+70	RT.	12		50	
STA.	3+97	LT.	12		50	
STA.	78+30	RT.	12		50	
STA.	19+55	RT.	12		50	
STA.	41+65	LT.	12		50	
STA.	48+19	RT.	12		50	
STA.	48+99	LT.	12		50	
STA.	79+61	LT.	12		50	
STA.	62+32	RT.	12		50	
STA.	66+15	LT.	12		50	
STA.	73+99	LT.	12		50	
STA.	74+49	LT.	12		50	
STA.	77+93	LT.	12		50	
STA.	98+43	RT.	12		50	
STA.	106+09	RT.	12		50	
STA.	119+52	RT.	12		50	
STA.	123+14	LT.	12		50	
STA.	129+15	RT.	12		50	
STA.	130+64	LT.	12		50	
STA.	132+81	RT.	12		50	
STA.	144+90	RT./LT.		34	50	5.3
STA.	147+22	RT.	12		50	
STA.	149+34	LT.	12		50	
STA.	152+73	RT.	12		50	
STA.	160+88	LT.	12		50	
STA.	188+03	RT.	12		50	
SUBTOTAL			300.0	34.0	1300.0	5.3
TOTAL			300.0	34.0	SEE DRAINAGE SCHEDULE	

DRAINAGE SCHEDULE														
LOCATION			EXPLORATION TRENCH, 52" DEPTH	GRADING AND SHAPING DITCHES (SPECIAL)	STONE RIPRAP, CLASS B4 (SPECIAL)	STONE RIPRAP CLASS B3	STONE DUMPED RIPRAP CLASS B4	CONCRETE HEADWALL REMOVAL	PRECAST BOX CULVERT END SECTION	CONCRETE COLLAR	REINFORCEMENT BARS	CONTROLLED LOW- STRENGTH MATERIAL	PERIMETER EROSION BARRIER	INLET AND PIPE PROTECTION
STA.	06+09.3	RT.												
		LT.		50.0		10.7		1.0	1.0	0.8	42.0	3.3	40.0	1.0
STA.	39+75	RT.												1.0
STA.	50+25	RT.		20.0	6.5								20.0	
		LT.		20.0	6.5								20.0	
STA.	66+18	RT.		20.0	8.5								40.0	
		LT.		20.0	8.5									
STA.	72+11	RT.		20.0	8.5								20.0	
		LT.		20.0	8.5								20.0	
STA.	79+40	RT.		20.0	6.5								20.0	
		LT.		20.0	6.5								20.0	
STA.	82+40	RT.		20.0	6.5								20.0	
		LT.		20.0	6.5									
STA.	95+12	RT.		20.0	8.5								40.0	
		LT.		20.0	8.5									
STA.	104+57	RT.											40.0	
		LT.		20.0	8.5									
LT. STA. 118+00 TO 121+00				250.0	8.3									1.0
RT. STA. 121+00 TO 126+00			500.0	500.0									20.0	
STA.	144+90	RT.											40.0	
		LT.												
STA.	167+52	RT.		20.0	8.5								40.0	
		LT.		20.0	8.5									
STA.	172+28	RT.		20.0	8.5								20.0	
STA.	217+00	RT.		20.0	8.5								40.0	
		LT.		20.0	8.5									
STA.	222+70	RT.		20.0	8.5								40.0	
		LT.		20.0	8.5									
STA.	518+09.8	RT.						2.5						
STA.	518+76.9	LT.						7.9						
STA.	519+73.1	RT.						6.4						
STA.	519+94.6	RT.						1.5						
STA.	520+38.3	RT.						4.3						
STA.	520+59.1	LT.						5.8						
SUBTOTAL			500.0	1200.0	166.5	10.7	28.5	1.0	1.0	0.8	42.0	3.3	500.0	3.0
CLEANING SCHEDULE SUBTOTAL				1300.0		5.3								
GRAND TOTAL			500.0	2500.0	167.0	16.0	29.0	1.0	1.0	1.0	42.0	3.0	500.0	3.0

AGGREGATE SCHEDULE FOR TRAFFIC CONTROL					
LOCATION		LENGTH*	RT AGG SHLDR WIDTH	AGGREGATE WEDGE SHOULDER, TYPE B	
			FOOT	FOOT	TON
RT. IL 122					
STA.	00+06.0 TO 39+40.0	3739.9	4.0		142.0
SPRINGFIELD RD.					
STA.	40+12.0 TO 144+77.0	10045.8	4.0		381.4
LOCUST RD.					
STA.	144+77.0 TO 145+41.0				
STA.	145+41.0 TO 191+02.0	4360.1	4.0		165.5
BROWNWOOD RD.					
STA.	191+02.0 TO 191+73.0				
STA.	191+73.0 TO 230+30.9	3857.9	4.0		146.5
LT. IL 122					
STA.	00+06.0 TO 19+18.0	1912.0	4.0		72.6
1ST ST					
STA.	19+18.0 TO 20+10.0				
STA.	20+10.0 TO 39+05.0	1895.0	4.0		71.9
SPRINGFIELD RD.					
STA.	39+05.0 TO 41+19.0				
STA.	41+19.0 TO 91+97.0	4898.7	4.0		186
FISHER RD.					
STA.	91+97.0 TO 92+64.0				
STA.	92+64.0 TO 144+80.0	4968.5	4.0		188.6
LOCUST RD.					
STA.	144+80.0 TO 145+43.0				
STA.	145+43.0 TO 230+30.9	8292.8	4.0		314.8
SUBTOTAL					1669.3
GRAND TOTAL					SEE RT SHOULDER SCHEDULE

*Entrances were subtracted out

LOCATION	MAILBOX REMOVE AND REPLACE
	EACH
RT. 77+80	1.0
RT. 100+40	1.0
RT. 112+10	1.0
RT. 121+56	1.0
RT. 131+93.5	1.0
RT. 152+97.5	1.0
RT. 171+84	1.0
RT. 189+08	1.0
GRAND TOTAL	8.0

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PLOT DATE = 3/22/2024	CHECKED -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:		SHEET 1	OF 8	SHEETS	STA.	TO STA.
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SCHEDULE OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(R)RS-2;126RS-3	TAZEWELL	63	10
CONTRACT NO. 68J08				
ILLINOIS FED. AID PROJECT				

LOCATION	CLASS D PATCHES 13 INCH					
	TYPE II		TYPE III		TYPE IV	
	EASTBOUND SQ. YD.	WESTBOUND SQ. YD.	EASTBOUND SQ. YD.	WESTBOUND SQ. YD.	EASTBOUND SQ. YD.	WESTBOUND SQ. YD.
OAK ST	12.22					26.67
SPRINGFIELD ROAD	97.78	48.89	0.00	24.44	0.00	80.00
FISHER ROAD	70.89	36.67	0.00	64.44	0.00	240.00
LOCUST		24.44		88.89		211.11
BROWNWOOD ROAD	58.67	144.22	15.56	24.44	534.44	761.11
I-155						
SUB-TOTAL	239.56	254.22	15.56	202.22	534.44	1318.89
WINTER BREAK UP (5%)	11.98	12.71	0.78	10.11	26.72	65.94
GRAND TOTAL	518.0		229.0		1946.0	

SHOULDER PATCHING SCHEDULE						
LOCATION				CLASS D PATCHES, 8 INCH		SUBBASE GRANULAR MATERIAL, TYPE C
				TYPE II	TYPE III	
				SQ. YD.	SQ. YD.	TON
I-155 INTERCHANGE SHOULDERS						
RT.						
STA.	518+4.3	TO	518+16.3	10.7		8.0
STA.	518+76.6	TO	518+82.6	5.3		5.5
STA.	519+91.4	TO	519+99.4	7.1		5.8
STA.	520+31.6	TO	520+48.2		16.0	21.9
LT.						
STA.	518+67.1	TO	518+87.1		17.8	20.7
STA.	530+87.2	TO	531+2.2	13.3		9.1
GRAND TOTAL				36.0	34.0	71.0

PAVEMENT SCHEDULE																		
LOCATION	LENGTH	WIDTH	HMA SURFACE REMOVAL - BUTT JOINT	TEMPORARY RAMP	POLY. HMA SURFACE COURSE, IL-9.5, MIX "D", N50*		POLY. HMA BINDER COURSE, IL 9.5, N50	POLY. HMA BINDER COURSE, IL 4.75, N50	POLY. BIT. MATERIALS (TACK COAT)		COLD IN-PLACE RECYCLING, 4"	* CIR FULL DEPTH RECLAMATION EMULSIFIED ASPHALT	HMA SURFACE REMOVAL, VARIABLE DEPTH	HMA SURFACE REMOVAL (SPECIAL)	HMA SURFACE REMOVAL, 3"	MEDIAN REMOVAL PARTIAL DEPTH	MATERIAL TRANSFER DEVICE	SHOULDER RUMBLE STRIPS, 16"
					1.5"	QTY FOR JOINT TRIMMING	1.5"	1.0"	0.08 LB/SQ FT 2 APPLICATIONS	QTY FOR JOINT TRIMMING				(JOINT TRIMMING)				
					TON	TON	TON	TON	POUND	POUND				SQ. YD.				
IL-122																		
STA. 00+06.0 TO 00+56.0	50.0	22.0	122.2	40.7	10.3	0.2		6.8	176.0	2.0				2.8				17.3
STA. 00+56.0 TO 229+80.9	22924.9	22.0			4707.2	107.0		3138.2	80695.6	917.0	56038.6	365.7	56038.6	1273.6				7952.4
STA. 229+80.9 TO 230+30.9	50.0	22.0	122.2	40.7	10.3	0.2		6.8	176.0	2.0	122.2	0.8	122.2	2.8				17.3
STA. EQ. 230+30.89 BK = 511+96.79 AH																		
STA. 511+96.8 TO 512+06.8	10.0	24.0	26.7	44.4	2.2		2.2		38.4									4.5
STA. 512+06.8 TO 515+00.0	293.2	26.0			71.1		71.1		1219.7						847.0			142.3
** STA. 515+00.0 TO 522+60.5	760.5	28.0			205.4		205.4		3521.1						2366.0	713.0		410.8
*** STA. 521+00.0 TO 522+60.5	2233.6				20.8		20.8		357.4						248.2			41.7
STA. 522+60.5 TO 522+70.5	10.0	40.0	44.4		0.1		0.1		1.6									0.2
**** STA. 522+70.5 TO 527+56.5																		
STA. 527+56.5 TO 527+66.5	10.0	40.0	44.4		0.1		0.1		1.6									0.2
*** STA. 527+66.5 TO 529+25.0	2087.4				19.5		19.5		334.0						231.9			39.0
** STA. 527+66.5 TO 535+37.0	770.5	28.0			208.0		208.0		3566.2						2397.1	715.0		416.1
STA. 535+37.0 TO 536+61.0	124.0	29.0			33.6		33.6		575.4						399.6			67.1
STA. 536+61.0 TO 536+71.0	10.0	26.0	28.9	28.9	2.4		2.4		41.6									4.9
SIDEROADS	AREA (SQ FT)																	
E. 1ST ST.	1275.0		141.7	115.0	11.9		7.9		204.0									19.8
N. SPRINGFIELD RD.	3037.5		337.5	276.5	28.4		18.9		486.0									47.3
S. SPRINGFIELD RD.	1133.0		125.9	73.5	10.6		7.0		181.3									17.6
FISHER RD.	751.4		83.5	71.4	7.0		4.7		120.2									11.7
N. LOCUST RD.	679.5		75.5	64.4	6.3		4.2		108.7									10.6
S. LOCUST RD.	707.4		78.6	67.2	6.6		4.4		113.2									11.0
N. BROWNWOOD RD.	1177.8		130.9	113.7	11.0		7.3		188.4									18.3
S. BROWNWOOD RD.	812.8		90.3	77.6	7.6		5.1		130.0									12.6
FRONTAGE ROAD A	4496.2		499.6	77.6	42.0		42.0		719.4									83.9
FRONTAGE ROAD B	4895.9		544.0	77.6	45.7		45.7		783.3									91.4
SUBTOTAL			2496.3	1169.2	5468.1	107.4	651.0	3211.4	93739.3	921.0	56160.8	366.4	56160.8	1279.2	6489.8	1428.0		9438.0
SHOULDER SUBTOTAL			111.4		1289.3		1.8		25739.1						1634.2			2557.0
GRAND TOTAL			2608.0	1169.0	6865.0		651.0	3213.0	120399.0		56161.0	366.0	56161.0	1279.0	8124.0	1428.0		11995.0

* CIR FULL DEPTH RECLAMATION EMULSIFIED ASPHALT CALCULATED ASSUMING IT WOULD BE 3% BY WEIGHT OF PROCESSED MATERIAL
 ** SURFACE AND BINDER QUANTITY INCLUDED FOR PARTIAL MEDIAN REMOVAL AREA
 *** TURN LANE/GORE AREA
 **** BRIDGE OMISSION

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET 2 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(R)RS-2:126RS-3	TAZEWELL	63	11
CONTRACT NO. 68J08				
ILLINOIS FED. AID PROJECT				

LEFT SHOULDER SCHEDULE

LOCATION	LENGTH	LT SHLDR WIDTH	HMA SURFACE REMOVAL - BUTT JOINT	HMA SURFACE REMOVAL, 3"	HMA SURFACE REMOVAL, 6"	POLY. HMA SURFACE COURSE, IL-9.5, MIX "D", N50"		POLY. HMA BINDER COURSE, IL 4.75, N50		HMA SHOULDERS		HMA SHOULDERS, 6 1/2"	POLY. BIT. MATERIALS (TACK COAT)	MATERIAL TRANSFER DEVICE	EXCAVATING AND GRADING EXISTING SHOULDER (SPECIAL)	AGGREGATE WEDGE SHOULDER, TYPE B	SHOULDER RUMBLE STRIPS, 8"
						1.5"	1.0"	3"	6"	0.08 LB/SQ FT 2 APPLICATIONS							
						FOOT	FOOT	SQ. YD.	SQ. YD.		SQ. YD.		TON				
LT. IL 122																	
STA. 00+06.0	TO	00+56.0	50.0	3.0	16.7								24.0	2.3		0.4	
STA. 00+56.0	TO	09+93.0	937.0	3.0								312.3	449.8	61.2	9.4	7.4	937.0
STA. 09+93.0	TO	19+18.0	925.0	3.0								308.3	444.0	60.4	9.3	7.3	925.0
STA. 19+18.0	TO	20+10.0															
STA. 20+10.0	TO	39+05.0	1895.0	3.0								631.7	909.6	123.8	19	15.0	1895.0
STA. 39+05.0	TO	41+19.0															
STA. 41+19.0	TO	91+97.0	5078.0	3.0								1692.7	2437.4	331.8	50.8	38.7	4898.7
STA. 91+97.0	TO	92+64.0															
STA. 92+64.0	TO	144+80.0	5216.0	3.0								1738.7	2503.7	340.8	52.2	39.3	4968.5
STA. 144+80.0	TO	145+43.0															
STA. 145+43.0	TO	230+30.9	8487.9	3.0	16.7							2829.3	4074.2	554.5	84.9	65.6	8292.84
STA. EQ. 230+30.89 BK = 511+96.79 AH																	
STA. 511+96.8	TO	512+06.8	10.0	4.1	4.5						1.5		6.5	0.8			
STA. 512+06.8	TO	514+50.0	243.2	6.1				164.8			55.4		237.4	27.7			
STA. 514+50.0	TO	518+12.0	362.0	8.0				321.8			108.1		463.4	54.1			
STA. 518+12.0	TO	518+22.0															
STA. 518+22.0	TO	519+98.0	176.0	8.0		156.4				26.3			225.3	26.3			
STA. 519+98.0	TO	521+43.0															
STA. 521+43.0	TO	522+60.5	117.5	8.0		104.4				17.5			150.4	17.5			
STA. 522+60.5	TO	522+70.5	10.0	8.0	8.9					1.5			12.8	1.5			
STA. 522+70.5	TO	527+56.5															
STA. 527+56.5	TO	527+66.5	10.0	8.0	8.9					1.5			12.8	1.5			
STA. 527+66.5	TO	528+60.0	93.5	8.0		83.1				14.0			119.7	14.0			
STA. 528+60.0	TO	530+23.0															
STA. 530+23.0	TO	531+02.0	79.0	8.0		70.2				11.8			101.1	11.8			
STA. 531+02.0	TO	531+12.0															
STA. 531+12.0	TO	534+71.0	359.0	8.0		319.1	319.1			107.2			459.5	53.6			
STA. 534+71.0	TO	534+81.0															
STA. 534+81.0	TO	535+09.0	28.0	8.0		24.9				4.2			35.8	4.2			
LT. SHLDR SUBTOTAL					55.7	758.2	805.7	632.5	0.9	349.0	7513.0	12667.4	1687.8	225.6	173.7	21917.0	
GRAND TOTAL			SEE RT. SHOULDER TABLE														

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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET 3 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(R)RS-2;126RS-3	TAZEWELL	63	12
CONTRACT NO. 68J08				
ILLINOIS FED. AID PROJECT				

RIGHT SHOULDER SCHEDULE																
LOCATION	LENGTH	RT SHLDR WIDTH	HMA SURFACE REMOVAL - BUTT JOINT	HMA SURFACE REMOVAL, 3"	HMA SURFACE REMOVAL, 6"	POLY. HMA SURFACE COURSE, IL-9.5, MIX "D", N50*	POLY. HMA BINDER COURSE, IL 4.75, N50	HMA SHOULDERS		HMA SHOULDERS, 6 1/2"	POLY. BIT. MATERIALS (TACK COAT) 0.08 LB/SQ FT 2 APPLICATIONS	MATERIAL TRANSFER DEVICE	EXCAVATING AND GRADING EXISTING SHOULDER (SPECIAL)	AGGREGATE WEDGE SHOULDER, TYPE B	SHOULDER RUMBLE STRIPS, 8"	
						1.5"	1.0"	3"	6"							
						TON	TON	TON	TON							SQ. YD.
RT. IL 122																
STA. 00+06.0	TO	00+56.0	50.0	3.0												
STA. 00+56.0	TO	32+91.0	3235.0	3.0						1078.3	1552.8	90.6	32.4	24.1	3040.9	
STA. 32+91.0	TO	39+40.0	649.0	3.0						216.3	311.5	18.2	6.5	5.1	72.0	
STA. 39+40.0	TO	40+12.0														
STA. 40+12.0	TO	43+48.0	336.0	3.0						112.0	161.3	9.4	3.4	2.7	336.0	
STA. 43+48.0	TO	77+48.0	3400.0	3.0						1133.3	1632.0	95.2	34.0	49.7	3139.8	
STA. 77+48.0	TO	77+80.0	32.0	5.5						19.6	28.2	1.6	0.3	0.3		
STA. 77+80.0	TO	78+10.5	30.5	8.0						27.1	39.0	2.3	0.3			
STA. 78+10.5	TO	78+14.5	4.0	5.5						2.4	3.5	0.2	0.0	0.0		
STA. 78+14.5	TO	100+08.0	2193.5	3.0						731.2	1052.9	61.4	21.9	17	2143.5	
STA. 100+08.0	TO	100+40.0	32.0	5.5						19.6	28.2	1.6	0.3	0.3		
STA. 100+40.0	TO	100+60.0	20.0	8.0						17.8	25.6	1.5	0.2			
STA. 100+60.0	TO	100+80.0	20.0	5.5						12.2	17.6	1.0	0.2	0.2		
STA. 100+80.0	TO	111+78.0	1098.0	3.0						366.0	527.0	30.7	11.0	8.3	1054.7	
STA. 111+78.0	TO	112+10.0	32.0	5.5						19.6	28.2	1.6	0.3	0.3		
STA. 112+10.0	TO	112+30.0	20.0	8.0						17.8	25.6	1.5	0.2			
STA. 112+30.0	TO	112+50.0	20.0	5.5						12.2	17.6	1.0	0.2	0.2		
STA. 112+50.0	TO	121+24.0	874.0	3.0						291.3	419.5	24.5	8.7	6.9	874.0	
STA. 121+24.0	TO	121+56.0	32.0	5.5						19.6	28.2	1.6	0.3	0.3		
STA. 121+56.0	TO	121+76.0	20.0	8.0						17.8	25.6	1.5	0.2			
STA. 121+76.0	TO	121+96.0	20.0	5.5						12.2	17.6	1.0	0.2	0.2		
STA. 121+96.0	TO	131+61.5	965.5	3.0						321.8	463.4	27.0	9.7	7.1	899.8	
STA. 131+61.5	TO	131+93.5	32.0	5.5						19.6	28.2	1.6	0.3	0.3		
STA. 131+93.5	TO	132+22.5	29.0	8.0						25.8	37.1	2.2	0.3			
STA. 132+22.5	TO	132+36.5	14.0	5.5						8.6	12.3	0.7	0.1	0.1		
STA. 132+36.5	TO	144+77.0	1240.5	3.0						413.5	595.4	34.7	12.4	9.8	1240.5	
STA. 144+77.0	TO	145+41.0														
STA. 145+41.0	TO	152+65.5	724.5	3.0						20.3	241.5	347.8	20.3	4.9	620.0	
STA. 152+65.5	TO	152+97.5	32.0	5.5						19.6	28.2	1.6	0.3	0.3		
STA. 152+97.5	TO	153+32.0	34.5	8.0						30.7	44.2	2.6	0.3			
STA. 153+32.0	TO	153+37.5	5.5	5.5						3.4	4.8	0.3	0.1	0.0		
STA. 153+37.5	TO	171+52.0	1814.5	3.0						604.8	871.0	50.8	18.1	14.4	1814.5	
STA. 171+52.0	TO	171+84.0	32.0	5.5						19.6	28.2	1.6	0.3	0.3		
STA. 171+84.0	TO	172+04.0	20.0	8.0						17.8	25.6	1.5	0.2			
STA. 172+04.0	TO	172+24.0	20.0	5.5						12.2	17.6	1.0	0.2	0.2		
STA. 172+24.0	TO	188+76.0	1652.0	3.0						46.3	550.7	793.0	46.3	12.7	1600.3	
STA. 188+76.0	TO	189+08.0	32.0	5.5						19.6	28.2	1.6	0.3	0.3		
STA. 189+08.0	TO	189+28.0	20.0	8.0						17.8	25.6	1.5	0.2			
STA. 189+28.0	TO	189+48.0	20.0	5.5						12.2	17.6	1.0	0.2	0.2		
STA. 189+48.0	TO	191+02.0	154.0	3.0						51.3	73.9	4.3	1.5	1.2	154.0	
STA. 191+02.0	TO	191+73.0														

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USER NAME = \$USERS	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 1:100	DRAWN -	REVISED -						705	(R)RS-2;126RS-3	TAZEWELL	63	13
PLOT DATE = 3/22/2024	CHECKED -	REVISED -		SCALE: SHEET 4 OF 8 SHEETS STA. TO STA.				CONTRACT NO. 68J08				
DATE -	REVISED -	REVISED -						ILLINOIS FED. AID PROJECT				

CONT. RIGHT SHOULDER SCHEDULE

LOCATION	LENGTH	RT SHLDR WIDTH	HMA SURFACE REMOVAL - BUTT JOINT	HMA SURFACE REMOVAL, 3"	HMA SURFACE REMOVAL, 6"	POLY. HMA SURFACE COURSE, IL-9.5, MIX "D", N50*	POLY. HMA BINDER COURSE, IL 4.75, N50	HMA SHOULDERS		HMA SHOULDERS, 6 1/2"	POLY. BIT. MATERIALS (TACK COAT) 0.08 LB/SQ FT 2 APPLICATIONS	MATERIAL TRANSFER DEVICE	EXCAVATING AND GRADING EXISTING SHOULDER (SPECIAL)	AGGREGATE WEDGE SHOULDER, TYPE B	SHOULDER RUMBLE STRIPS, 8"
						1.5"	1.0"	3"	6"						
						TON	TON	TON	TON						
STA. 191+73.0 TO 230+30.9	3857.9	3.0	16.7			108.0				1286.0	1851.8	108.0	38.6	30.2	3813.2
STA. EQ. 230+30.89 BK = 511+96.79 AH															
STA. 511+96.8 TO 512+06.8	10.0	4.1	4.5					1.5			6.5	0.8			
STA. 512+06.8 TO 514+50.0	243.2	6.1			164.6			55.3			237.0	27.6			
STA. 514+50.0 TO 516+70.0	220.0	8.0			195.6			65.7			281.6	32.9			
STA. 516+70.0 TO 516+80.0															
STA. 516+80.0 TO 519+91.0	311.0	8.0			276.4			46.4			398.1	46.4			
STA. 519+91.0 TO 521+65.0															
STA. 521+65.0 TO 522+60.5	95.5	8.0			84.9			14.3			122.2	14.3			
STA. 522+60.5 TO 522+70.5	10.0	8.0	8.9					1.5			12.8	1.5			
STA. 522+70.5 TO 527+56.5															
STA. 527+56.5 TO 527+66.5	10.0	8.0	8.9					1.5			12.8	1.5			
STA. 527+66.5 TO 528+00.0	33.5	8.0			29.8			5.0			42.9	5.0			
STA. 528+00.0 TO 528+10.0															
STA. 528+10.0 TO 528+71.0	61.0	8.0			54.2			9.1			78.1	9.1			
STA. 528+71.0 TO 530+16.0															
STA. 530+16.0 TO 530+92.0	76.0	8.0			67.6			11.3			97.3	11.3			
STA. 530+92.0 TO 531+02.0															
STA. 531+02.0 TO 534+88.0	386.0	8.0			343.1			57.6			494.1	57.6			
STA. 534+88.0 TO 534+98.0															
STA. 534+98.0 TO 535+28.0	30.0	6.0			20.0			3.4			28.8	3.4			
RIGHT SHOULDER SUBTOTAL			55.7	876.0	360.1	656.8	0.9	272.7	7802.5	13071.7	869.2	227.7	198.0	20803.2	
LEFT SHOULDER SUBTOTAL			55.7	758.2	805.7	632.5	0.9	349.0	7513.0	12667.4	1687.8	225.6	173.7	21917.0	
AGGREGATE FOR TC SUBTOTAL													1669.3		
GRAND TOTAL			SEE MAINLINE TABLE		1166.0	SEE MAINLINE TABLE		622.0	15315.0	SEE MAINLINE TABLE		453.0	2041.0	42720.0	

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USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1:100	CHECKED -	REVISED -
PLOT DATE = 3/22/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET 5 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(R)RS-2;126RS-3	TAZEWELL	63	14
CONTRACT NO. 68J08				
ILLINOIS FED. AID PROJECT				

ENTRANCE SCHEDULE				
LOCATION	TYPE	AREA	AGGREGATE SURFACE COURSE, TYPE A	INCIDENTAL HMA SURFACING
		SQ. FT.	TON	TON
RT. IL 122				
STA. 01+42.9	CE	167.6	1.3	
STA. 02+80.4	CE	159.2	1.3	
STA. 03+66.3	CE	165.0		1.3
STA. 57+10.3	PE	70.5	0.6	
STA. 64+59.0	FE	53.5	0.4	
STA. 78+01.6	PE	60.5	0.5	
STA. 92+21.7	FE	103.3	0.8	
STA. 101+75.3	PE	137.2	1.1	
STA. 110+20.4	FE	85.4	0.7	
STA. 124+43.9	FE	83.8	0.7	
STA. 128+47.8	FE	56.6	0.4	
STA. 132+14.5	PE	53.6		0.4
STA. 153+21.1	PE	76.8	0.6	
STA. 186+96.6	PE	109.2	0.9	
STA. 221+16.8	FE	110.5	0.9	
LT. IL 122				
STA. 48+88.2	CE	94.7	0.7	
STA. 76+20.8	FE	51.1	0.4	
STA. 77+62.8	PE	140.6	1.1	
STA. 79+28.1	PE	69.9	0.6	
STA. 101+60.8	PE	107.4	0.8	
STA. 112+27.8	PE	113.5	0.9	
STA. 115+31.3	FE	151.6	1.2	
STA. 121+45.9	PE	74.1	0.6	
STA. 122+47.1	PE	62.7	0.5	
STA. 148+48.4	FE	77.0	0.6	
STA. 172+04.0	PE	86.6	0.7	
STA. 210+00.9	FE	148.1	1.2	
STA. 224+19.7	FE	101.0	0.8	
SUBTOTAL			10.1	1.7
GRAND TOTAL			10.0	2.0

SHORT TERM PAVEMENT MARKINGS							
LOCATION				*SHORT TERM PAVEMENT MARKING			**SHORT TERM PAVEMENT MARKING REMOVAL
				YELLOW FT	WHITE FT	# APPLICATIONS	SQ. FT.
IL 122							
STA.	00+06.0	TO	14+62.0	432.0		3	1538.7
STA.	14+62.0	TO	18+75.0	120.0		3	
STA.	18+75.0	TO	24+60.0	180.0		3	
STA.	24+60.0	TO	34+80.0	312.0		3	
STA.	34+80.0	TO	38+45.0	108.0		3	
STA.	38+45.0	TO	56+83.0	552.0		3	
STA.	56+83.0	TO	58+07.0	36.0		3	
STA.	58+07.0	TO	66+07.0	240.0		3	
STA.	66+07.0	TO	73+22.0	216.0		3	
STA.	73+22.0	TO	86+62.0	408.0		3	
STA.	86+62.0	TO	111+19.0	732.0		3	
STA.	111+19.0	TO	120+43.0	276.0		3	
STA.	120+43.0	TO	143+03.0	684.0		3	
STA.	143+03.0	TO	152+28.0	276.0		3	
STA.	152+28.0	TO	155+53.0	96.0		3	
STA.	155+53.0	TO	164+68.0	276.0		3	
STA.	164+68.0	TO	180+21.0	468.0		3	
STA.	180+21.0	TO	190+01.0	300.0		3	
STA.	190+01.0	TO	192+01.0	60.0		3	
STA.	192+01.0	TO	200+31.0	252.0		3	
STA.	200+31.0	TO	225+81.0	768.0		3	
STA.	225+81.0	TO	230+30.9	132.0		3	
STA. EQ. 230+30.89 BK = 511+96.79 AH							
STA.	511+96.8	TO	522+25.0		168.0	2	56.0
BRIDGE OMISSION							
STA.	527+75.0	TO	536+58.0		144.0	2	48.0
SUBTOTAL				6924.0	312.0		1642.7
GRAND TOTAL				7236.0			1643.0
*SHORT TERM PAVEMENT MARKINGS ON CIR SURFACE SHALL BE PAINT							
**QUANTITY REMOVED FOR PAINT							

TEMPORARY PAVEMENT MARKING TABLE								
LOCATION				TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT		TEMPORARY PAVEMENT MARKING - LINE 6" - PAINT	TEMPORARY PAVEMENT MARKING - LINE 8" - PAINT	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS - PAINT
				YELLOW SOLID FOOT	YELLOW CL SKIP FOOT	WHITE SOLID FOOT	WHITE SOLID FOOT	WHITE SQ. FT.
IL 122								
STA.	00+06.0	TO	14+62.0	1456.0	360.0	2912.0		
STA.	14+62.0	TO	18+75.0	413.0	100.0	826.0		
STA.	18+75.0	TO	24+60.0	1170.0		1083.0		
STA.	24+60.0	TO	34+80.0	1020.0	260.0	2040.0		
STA.	34+80.0	TO	38+45.0	365.0	90.0	730.0		
STA.	38+45.0	TO	56+83.0	1838.0	460.0	3481.0		
STA.	56+83.0	TO	58+07.0		30.0	248.0		
STA.	58+07.0	TO	66+07.0	800.0	200.0	1600.0		
STA.	66+07.0	TO	73+22.0		180.0	1430.0		
STA.	73+22.0	TO	86+62.0	1340.0	340.0	2680.0		
STA.	86+62.0	TO	111+19.0	4914.0		4856.0		
STA.	111+19.0	TO	120+43.0	924.0	230.0	1848.0		
STA.	120+43.0	TO	143+03.0		570.0	4520.0		
STA.	143+03.0	TO	152+28.0	925.0	230.0	1741.0		
STA.	152+28.0	TO	155+53.0	650.0		650.0		
STA.	155+53.0	TO	164+68.0	915.0	230.0	1830.0		
STA.	164+68.0	TO	180+21.0		390.0	3106.0		
STA.	180+21.0	TO	190+01.0	980.0	250.0	1960.0		
STA.	190+01.0	TO	192+01.0	400.0		227.0		
STA.	192+01.0	TO	200+31.0	830.0	210.0	1660.0		
STA.	200+31.0	TO	225+81.0		640.0	5100.0		
STA.	225+81.0	TO	230+30.9	449.9	110.0	899.8		
STA. EQ. 230+30.89 BK = 511+96.79 AH								
STA.	511+96.8	TO	522+25.0	1942.0	30.0	1774.0	174.7	
BRIDGE OMISSION								
STA.	527+75.0	TO	536+58.0		40.0	1142.0	171.0	
SUBTOTAL				22883.9	4950.0	48343.8	345.7	
GRAND TOTAL				27834.0		48344.0	346.0	
GRAND TOTAL				27834.0		48344.0	346.0	

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 DATE: 3/22/2024

USER NAME = \$USERS	DESIGNED -	REVISED -
PLOT SCALE = 1:100	DRAWN -	REVISED -
PLOT DATE = 3/22/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES			
SCALE:	SHEET 6	OF 8	SHEETS
STA.	TO STA.		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(R)RS-2;126RS-3	TAZEWELL	63	15
CONTRACT NO. 68J08				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING TABLE																		
LOCATION				MODIFIED URETHANE PAVEMENT MARKING - LINE 4"		MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	GROOVING FOR RECESSED PAVEMENT MARKING 5"	GROOVING FOR RECESSED PAVEMENT MARKING 7"	GROOVING FOR RECESSED PAVEMENT MARKING 9"	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	RAISED REFLECTIVE PAVEMENT MARKER			RAISED REFLECTIVE PAVEMENT MARKER REMOVAL		
				YELLOW SOLID FOOT	YELLOW CL SKIP FOOT	WHITE SOLID FOOT	WHITE FOOT	WHITE SQ. FT.	FOOT	FOOT	FOOT	SQ. FT.	CRYSTAL 1 WAY	AMBER 1 WAY	AMBER 2 WAY	EACH	EACH	
																	EACH	EACH
																	EACH	EACH
IL 122																		
STA.	00+06.0	TO	14+62.0	1456.0	360.0	2912.0			1816.0	2912.0								
STA.	14+62.0	TO	18+75.0	413.0	100.0	826.0			513.0	826.0								
STA.	18+75.0	TO	24+60.0	1170.0		1083.0			1170.0	1083.0								
STA.	24+60.0	TO	34+80.0	1020.0	260.0	2040.0			1280.0	2040.0								
STA.	34+80.0	TO	38+45.0	365.0	90.0	730.0			455.0	730.0								
STA.	38+45.0	TO	56+83.0	1838.0	460.0	3481.0			2298.0	3481.0								
STA.	56+83.0	TO	58+07.0		30.0	248.0			30.0	248.0								
STA.	58+07.0	TO	66+07.0	800.0	200.0	1600.0			1000.0	1600.0								
STA.	66+07.0	TO	73+22.0		180.0	1430.0			180.0	1430.0								
STA.	73+22.0	TO	86+62.0	1340.0	340.0	2680.0			1680.0	2680.0								
STA.	86+62.0	TO	111+19.0	4914.0		4856.0			4914.0	4856.0								
STA.	111+19.0	TO	120+43.0	924.0	230.0	1848.0			1154.0	1848.0				304.0	304.0			
STA.	120+43.0	TO	143+03.0		570.0	4520.0			570.0	4520.0								
STA.	143+03.0	TO	152+28.0	925.0	230.0	1741.0			1155.0	1741.0								
STA.	152+28.0	TO	155+53.0	650.0		650.0			650.0	650.0								
STA.	155+53.0	TO	164+68.0	915.0	230.0	1830.0			1145.0	1830.0								
STA.	164+68.0	TO	180+21.0		390.0	3106.0			390.0	3106.0								
STA.	180+21.0	TO	190+01.0	980.0	250.0	1960.0			1230.0	1960.0								
STA.	190+01.0	TO	192+01.0	400.0		227.0			400.0	227.0								
STA.	192+01.0	TO	200+31.0	830.0	210.0	1660.0			1040.0	1660.0								
STA.	200+31.0	TO	225+81.0		640.0	5100.0			640.0	5100.0								
STA.	225+81.0	TO	230+30.9	449.9	110.0	899.8			559.9	899.8								
STA. EQ. 230+30.89 BK = 511+96.79 AH																		
STA.	511+96.8	TO	522+25.0	1942.0	30.0	1774.0	174.7	15.6	1972.0	1774.0	174.7	21.2	3.0	38.0	11.0	52.0		
BRIDGE OMISSION																		
STA.	527+75.0	TO	536+58.0	1552.0	40.0	1142.0	171.0	15.6	1592.0	1142.0	171.0	21.2	3.0	38.0	6.0	47.0		
SUBTOTAL				22883.9	4950.0	48343.8	345.7	31.2	27833.9	48343.8	345.7	42.4	6.0	76.0	321.0	403.0		
GRAND TOTAL				27834.0		48344.0	346.0	31.0	27834.0	48344.0	346.0	42.0	403.0			403.0		

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USER NAME = \$USERS	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 1:100	DRAWN -	REVISED -						705	(R)RS-2;126RS-3	TAZEWELL	63	16
PLOT DATE = 3/22/2024	CHECKED -	REVISED -		SCALE: SHEET 7 OF 8 SHEETS STA. TO STA.				CONTRACT NO. 68J08				
	DATE -	REVISED -						ILLINOIS FED. AID PROJECT				

GUARDRAIL														
LOCATION				LENGTH OF NEED STATION	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	TRAFFIC BARRIER TERMINAL, TYPE 2	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)		LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	LINEAR DELINEATOR PANELS, 4 INCH	TERMINAL MARKER - DIRECT APPLIED	GUARDRAIL AGGREGATE EROSION CONTROL	GUARDRAIL REMOVAL
								6' POSTS	9' POSTS					
IL 122				STA.	EACH	EACH	FOOT	FOOT	FOOT	FOOT	EACH	EACH	TON	FOOT
RT.	STA.	124+68.5	TO	125+18.5	124+88.5 (APPROACH) 127+93.5 (DEPARTURE)	1.0	134.50			37.5	4.0	1.0	12.21	353.6
	STA.	125+18.5	TO	126+53.0										
	STA.	126+53.0	TO	126+90.5										
	STA.	126+90.5	TO	127+56.0										
	STA.	127+56.0	TO	128+06.0										
	STA.	516+03.4	TO	516+53.4	516+24.5 (APPROACH) 520+47.9 (DEPARTURE)	1.0	337.5				6.0	1.0	12.21	409.3
	STA.	516+53.4	TO	519+90.9										
	STA.	519+90.9	TO	520+68.6										
	STA.	520+68.6	TO	520+77.4	528+84.2 (APPROACH) 535+10.0 (DEPARTURE)	1.0	25.0		125.0		9.0	1.0	12.21	654.5
	STA.	528+78.1	TO	529+02.7										
STA.	529+02.7	TO	529+15.1											
STA.	529+15.1	TO	530+16.1											
STA.	530+16.1	TO	535+16.1											
STA.	535+16.1	TO	535+37.5	518+05.1 (DEPARTURE) 521+11.5 (APPROACH)	1.0	225.0				5.0	1.0	12.21	290.4	
STA.	535+37.5	TO	535+42.8											
STA.	517+60.2	TO	517+72.7											
STA.	517+72.7	TO	519+97.7											
LT.	STA.	125+64.2	TO	126+14.2	125+85.3 (DEPARTURE) 128+34.5 (APPROACH)	1.0	50.0			37.5	4.0	1.0	12.21	
	STA.	126+14.2	TO	126+64.2										
	STA.	126+64.2	TO	127+01.7										
	STA.	127+01.7	TO	128+01.7										
	STA.	128+01.7	TO	128+51.7										
	STA.	519+97.9	TO	520+93.0	529+54.0 (DEPARTURE) 535+65.6 (APPROACH)	1.0	487.5		100.0		9.0	1.0	12.21	652.0
	STA.	520+93.0	TO	521+17.7										
	STA.	529+27.0	TO	529+33.8										
STA.	529+33.8	TO	530+20.5											
STA.	530+20.5	TO	535+08.0	529+54.0 (DEPARTURE) 535+65.6 (APPROACH)	1.0	25.0				9.0	1.0	12.21	652.0	
STA.	535+08.0	TO	535+57.7											
STA.	535+57.7	TO	535+64.2											
STA.	535+64.2	TO	535+66.1	529+54.0 (DEPARTURE) 535+65.6 (APPROACH)	1.0	25.0				9.0	1.0	12.21	652.0	
GRAND TOTAL					8.0	4.0	1950.0	525.0	75.0	37.0	8.0	635.0	2360.0	

JOBSITE TABLE										
LOCATION	CONSTRUCTION STATION LAYOUT	MOBILIZATION	ENGINEER'S FIELD OFFICE, TYPE A	CHANGEABLE MESSAGE SIGN*	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	TRAFFIC CONTROL SURVEILLANCE	MOWING
	L SUM	LSUM	CAL MO	CAL DAY	LSUM	LSUM	LSUM	LSUM	CAL DAY	ACRES
JOBSITE	1.0	1.0	6.0	14.0	1.0	1.0	1.0	1.0	7.0	16.0
GRAND TOTAL	1.0	1.0	6.0	14.0	1.0	1.0	1.0	1.0	7.0	16.0

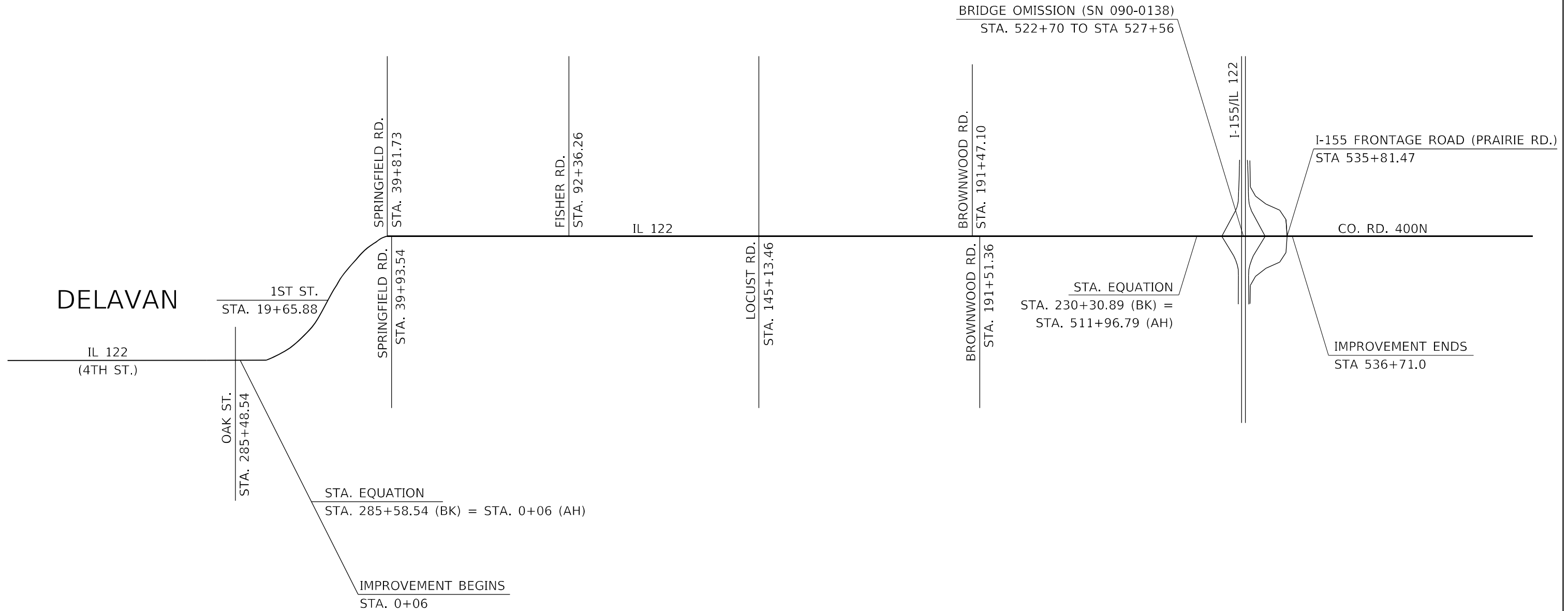
* 2 BOARDS FOR 7 DAYS EACH

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(R)RS-2;126RS-3	TAZEWELL	63	17
CONTRACT NO. 68J08				
ILLINOIS FED. AID PROJECT				



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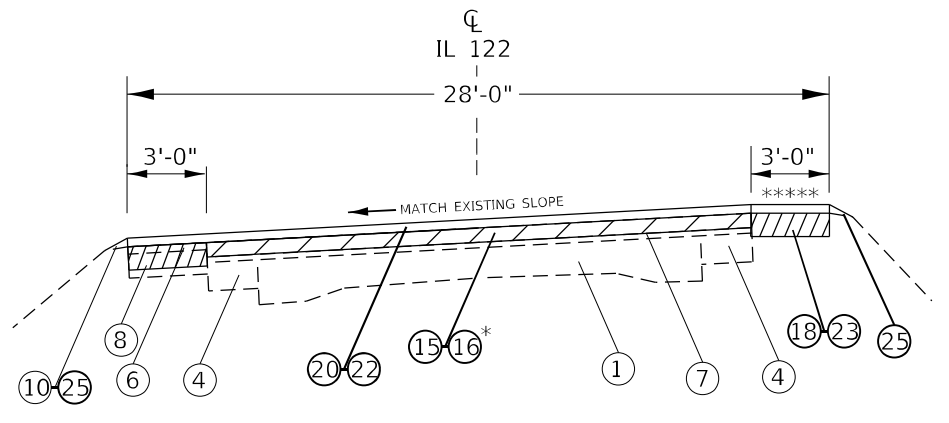
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

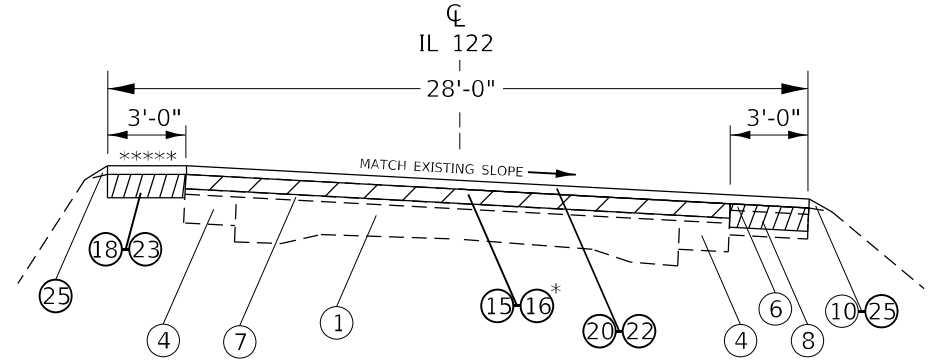
LINE DIAGRAM

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

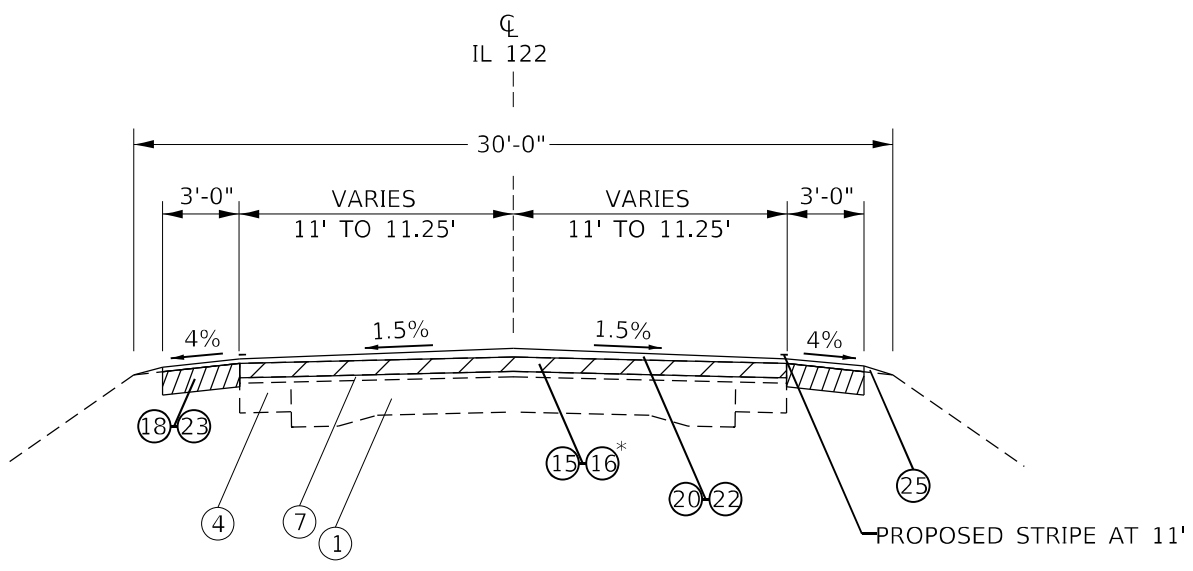
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(R)RS-2;126RS-3	TAZEWELL	63	18
CONTRACT NO. 68J08				
ILLINOIS FED. AID PROJECT				



STA. 0+06 TO STA. 9+32



STA. 32+66 TO STA. 43+28



STA. 9+32 TO STA. 32+66
STA. 43+28 TO STA. 230+30.89 BK

LEGEND

EXISTING ITEMS

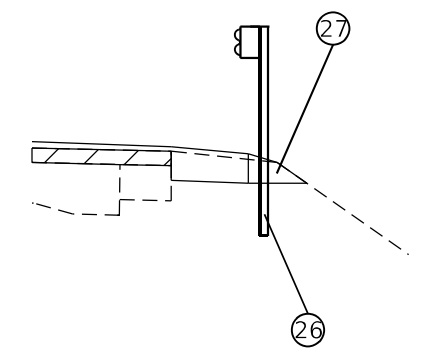
- ① 9-6-9 PCC PAVEMENT
- ② BIT. CONC. PAVEMENT, 13"
- ③ INCIDENTAL BIT. SURFACE, 2"
- ④ BIT. BASE COURSE WIDENING
- ⑤ CONC. CURB & GUTTER, TYPE M-6.06
- ⑥ BIT. OVERLAY (2.5"±)
- ⑦ BIT. OVERLAY (7.5"±)
- ⑧ BIT. SHOULDER (6")
- ⑨ BIT. SHOULDER (8")
- ⑩ AGG. SHOULDER

PROPOSED ITEMS

- ⑮ COLD-IN-PLACE RECYCLING, 4"
- ⑯ HMA SURFACE REMOVAL, VARIABLE DEPTH *
- ⑰ HMA SURFACE REMOVAL, 3"
- ⑱ EXCAVATING AND GRADING EXISTING SHOULDER (SPECIAL)
- ⑲ HMA SURFACE REMOVAL 6" ****
- ⑳ POLY HMA BINDER, 1"
- ㉑ POLY HMA BINDER, 1.5"
- ㉒ POLY HMA SURFACE COURSE, 1.5"
- ㉓ HMA SHOULDERS, 6.5"
- ㉔ HMA SHOULDERS
- ㉕ AGGREGATE WEDGE SHOULDER, TYPE B
- ㉖ GUARDRAIL ***
- ㉗ GUARDRAIL AGGREGATE EROSION CONTROL
- ㉘ MEDIAN REMOVAL PARTIAL DEPTH

NOTE:

- * SLOPE CORRECTION AFTER CIR
- ** CORRUGATED MEDIAN REMOVAL, 3" (SEE CORRUGATED MEDIAN DETAIL)
- *** SEE GUARDRAIL SHEETS FOR GUARDRAIL STATIONS
- **** SEE PROPOSED PLAN SHEETS FOR 6" HMA REMOVAL LIMITS
- ***** THE DIFFERENCE BETWEEN SHOULDER SLOPE AND MAINLINE SLOPE SHALL NOT EXCEED 8%



EXISTING RT. STA. 124+60 TO STA. 128+13.6
SEE GUARDRAIL SHEETS FOR PROPOSED LOCATIONS

DRAWING NOT TO SCALE

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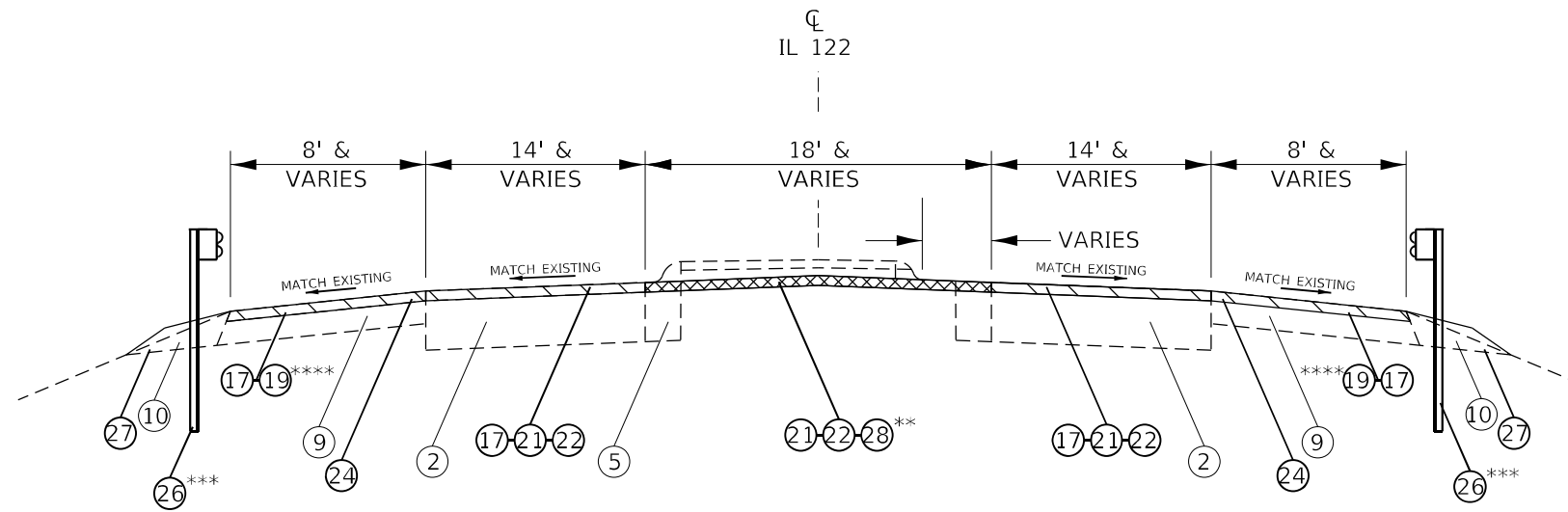
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(R)RS-2;126RS-3	TAZEWELL	63	19
CONTRACT NO. 68J08				
ILLINOIS FED. AID PROJECT				



STA. 511+96.79 AH TO 516+05.84**
 STA. 534+08.16 TO 536+71.06

LEGEND

EXISTING ITEMS

- ① 9-6-9 PCC PAVEMENT
- ② BIT. CONC. PAVEMENT, 13"
- ③ INCIDENTAL BIT. SURFACE, 2"
- ④ BIT. BASE COURSE WIDENING
- ⑤ CONC. CURB & GUTTER, TYPE M-6.06
- ⑥ BIT. OVERLAY (2.5"±)
- ⑦ BIT. OVERLAY (7.5"±)
- ⑧ BIT. SHOULDER (6")
- ⑨ BIT. SHOULDER (8")
- ⑩ AGG. SHOULDER

PROPOSED ITEMS

- ⑮ COLD-IN-PLACE RECYCLING, 4"
- ⑯ HMA SURFACE REMOVAL, VARIABLE DEPTH *
- ⑰ HMA SURFACE REMOVAL, 3"
- ⑱ EXCAVATING AND GRADING EXISTING SHOULDER (SPECIAL)
- ⑲ HMA SURFACE REMOVAL 6" ****
- ⑳ POLY HMA BINDER, 1"
- ㉑ POLY HMA BINDER, 1.5"
- ㉒ POLY HMA SURFACE COURSE, 1.5"
- ㉓ HMA SHOULDERS, 6.5"
- ㉔ HMA SHOULDERS
- ㉕ AGGREGATE WEDGE SHOULDER, TYPE B
- ㉖ GUARDRAIL ***
- ㉗ GUARDRAIL AGGREGATE EROSION CONTROL
- ㉘ MEDIAN REMOVAL PARTIAL DEPTH

NOTE:

- * SLOPE CORRECTION AFTER CIR
- ** CORRUGATED MEDIAN REMOVAL, 3"
(SEE CORRUGATED MEDIAN DETAIL)
- *** SEE GUARDRAIL SHEETS FOR GUARDRAIL STATIONS
- **** SEE PROPOSED PLAN SHEETS FOR 6" HMA REMOVAL LIMITS
- ***** THE DIFFERENCE BETWEEN SHOULDER SLOPE AND MAINLINE SLOPE SHALL NOT EXCEED 8%

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(R)RS-2;126RS-3	TAZEWELL	63	20
CONTRACT NO. 68J08				
ILLINOIS FED. AID PROJECT				



STA. 0+06 TO STA. 0+56
 HMA SURFACE REMOVAL - BUTT JOINT = 155.6 SQ. YD.
 (SEE BUTT-JOINT DETAIL SHEET)
 1.0" POLY HMA BINDER COURSE, IL-4.75, N50
 1.5" POLY HMA SURF COURSE, IL-9.5, MIX "D", N50

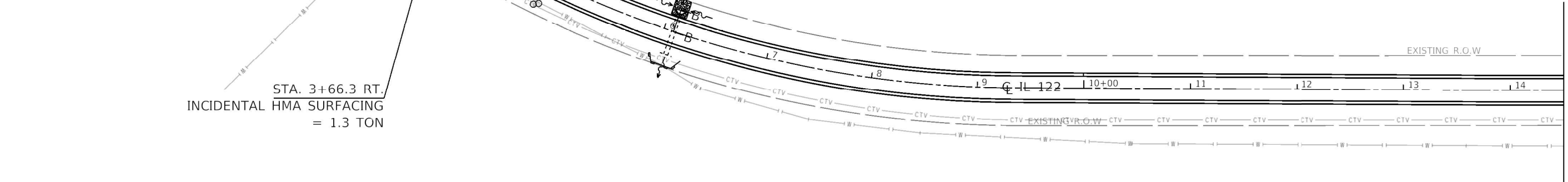
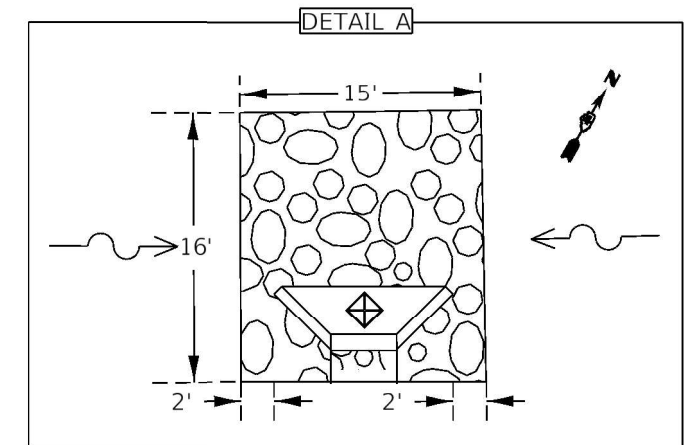
STA. 0+56.0 TO STA. 230+30.9
 COLD IN-PLACE RECYCLING, 4"
 HMA SURF REMOVAL, VARIABLE DEPTH
 1.0" POLY HMA BINDER COURSE, IL-4.75, N50
 1.5" POLY HMA SURF COURSE, IL-9.5, MIX "D", N50
 EXCAVATING AND GRADING EXISTING SHOULDER (SPECIAL)

STA. 1+42.9 RT.
 AGG SURF COURSE, TYPE A
 = 1.3 TON

STA. 2+80.4 RT.
 AGG SURF COURSE, TYPE A
 = 1.3 TON

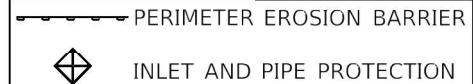
STA. 3+66.3 RT.
 INCIDENTAL HMA SURFACING
 = 1.3 TON

STA. 06+09.3 LT.
 CONCRETE HEADWALL REMOVAL = 1.0 EACH
 PRECAST BOX CULVERT END SECTION = 1.0 EACH
 STONE RIPRAP, CLASS B3 = 10.7 TON (SEE DETAIL A)
 GRADING AND SHAPING DITCHES (SPECIAL) = 50.0 FEET
 CONCRETE COLLAR = 0.8 CU. YD.
 REINFORCEMENT BARS = 42.0 LBS
 CONTROLLED LOW-STRENGTH MATERIAL (CLSM) = 3.3 CU. YD.
 (SEE COLLAR DETAIL SHEET FOR SECTION B-B)
 (SEE EXISTING HEADWALL PLANS FOR INFORMATION ONLY)



NOTE FOR ALL GENERAL PLAN SHEETS:

- SEE SCHEDULE FOR LOCATIONS AND QUANTITY OF TEMPORARY AND PERMANENT EROSION CONTROL ITEMS.
- FLOW ARROWS WERE TAKEN FROM THE ORIGINAL PLANS AND ARE FOR INFORMATION ONLY. SURVEY WAS NOT PROVIDED FOR THIS PROJECT.



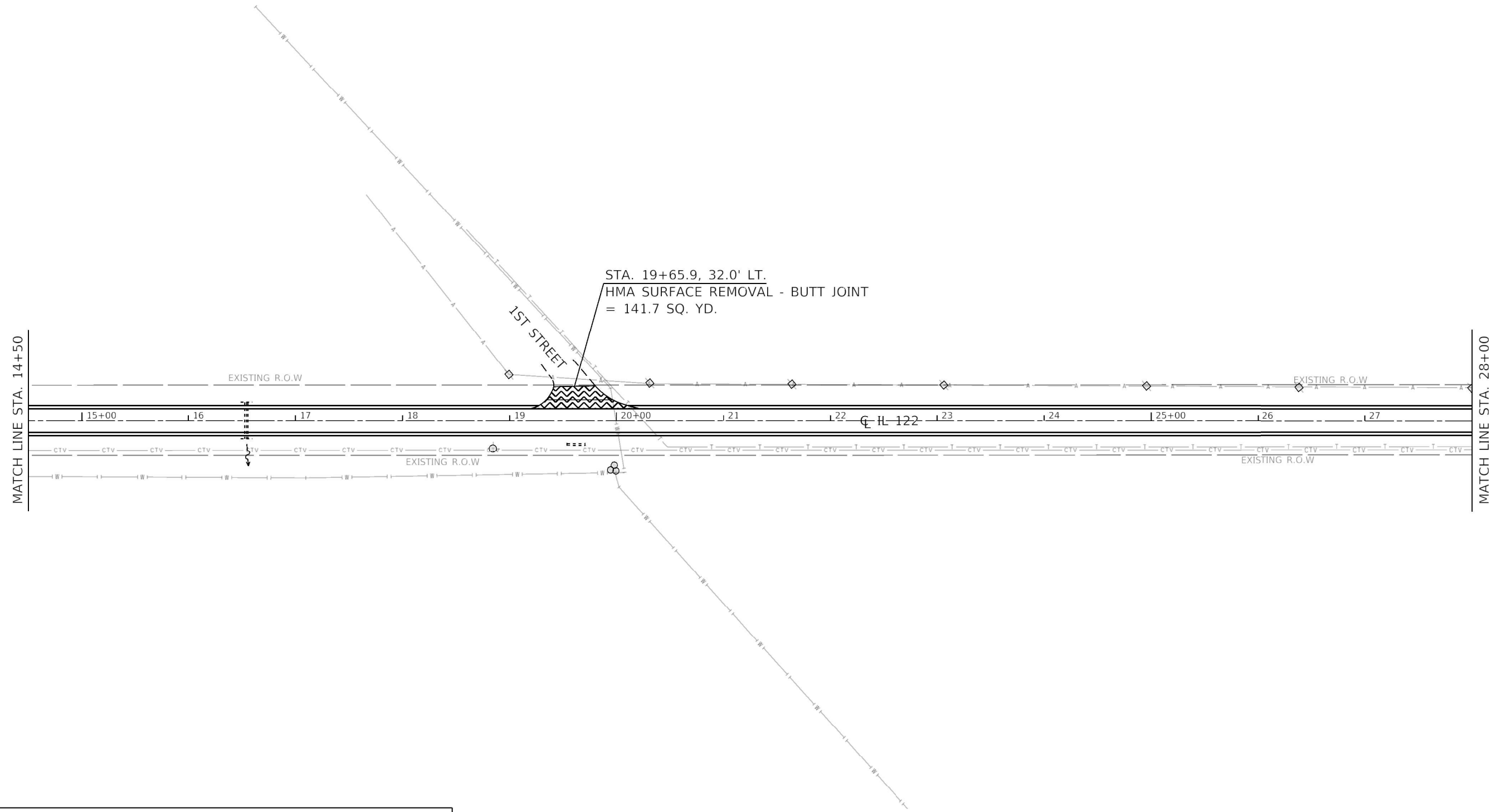
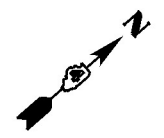
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

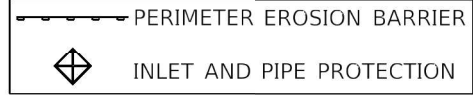
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SCALE:	SHEET 1 OF 18 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(R)RS-2.126RS-3	TAZEWELL	63	21
CONTRACT NO. 68J08				
ILLINOIS FED. AID PROJECT				



NOTE FOR ALL GENERAL PLAN SHEETS:

1. SEE SCHEDULE FOR LOCATIONS AND QUANTITY OF TEMPORARY AND PERMANENT EROSION CONTROL ITEMS.
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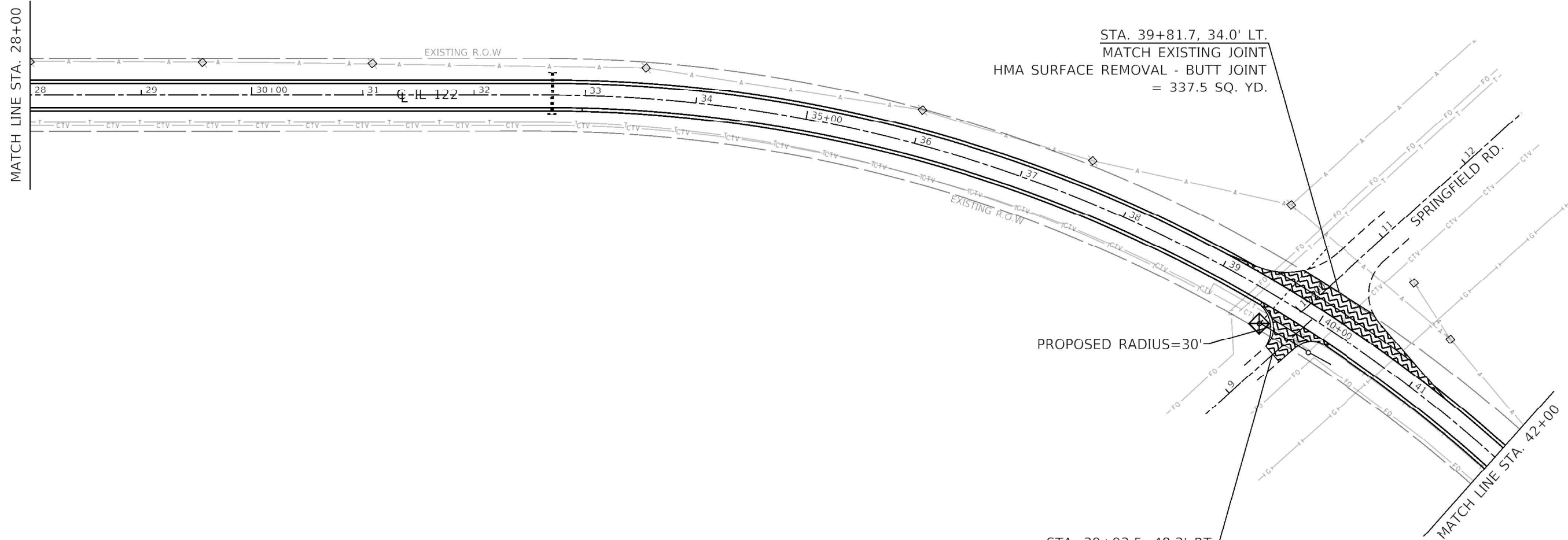
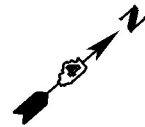
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL PLAN			
SCALE:	SHEET 2	OF 18 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(R)RS-2.126RS-3	TAZEWELL	63	22
CONTRACT NO. 68108				
ILLINOIS FED. AID PROJECT				



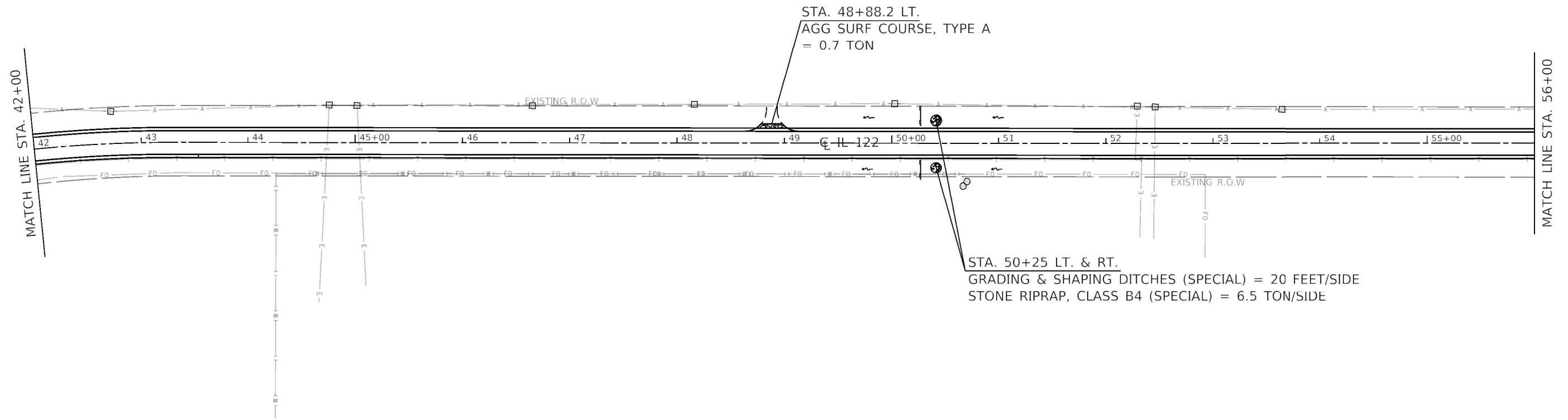
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

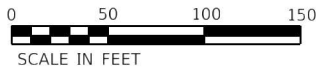
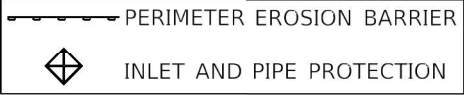
GENERAL PLAN	
SCALE:	SHEET 3 OF 18 SHEETS
STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(R)RS-2.126RS-3	TAZEWELL	63	23
CONTRACT NO. 68J08				
ILLINOIS FED. AID PROJECT				



NOTE FOR ALL GENERAL PLAN SHEETS:

1. SEE SCHEDULE FOR LOCATIONS AND QUANTITY OF TEMPORARY AND PERMANENT EROSION CONTROL ITEMS.
2. FLOW ARROWS WERE TAKEN FROM THE ORIGINAL PLANS AND ARE FOR INFORMATION ONLY. SURVEY WAS NOT PROVIDED FOR THIS PROJECT.



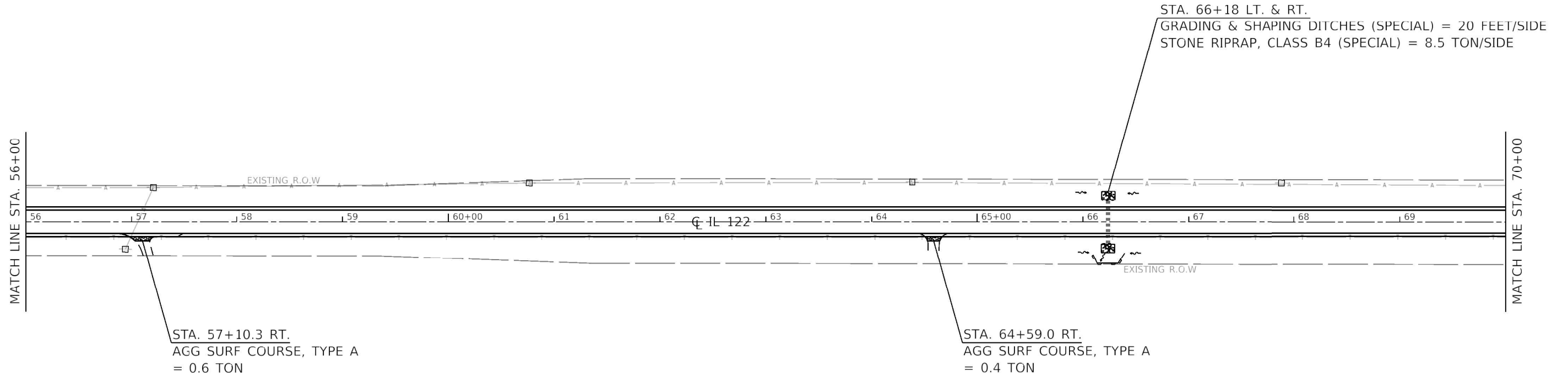
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

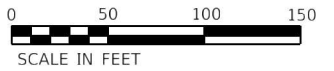
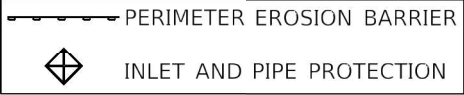
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SCALE:	SHEET 4 OF 18 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(R)RS-2.126RS-3	TAZEWELL	63	24
CONTRACT NO. 68J08				
ILLINOIS FED. AID PROJECT				



NOTE FOR ALL GENERAL PLAN SHEETS:

1. SEE SCHEDULE FOR LOCATIONS AND QUANTITY OF TEMPORARY AND PERMANENT EROSION CONTROL ITEMS.
2. FLOW ARROWS WERE TAKEN FROM THE ORIGINAL PLANS AND ARE FOR INFORMATION ONLY. SURVEY WAS NOT PROVIDED FOR THIS PROJECT.



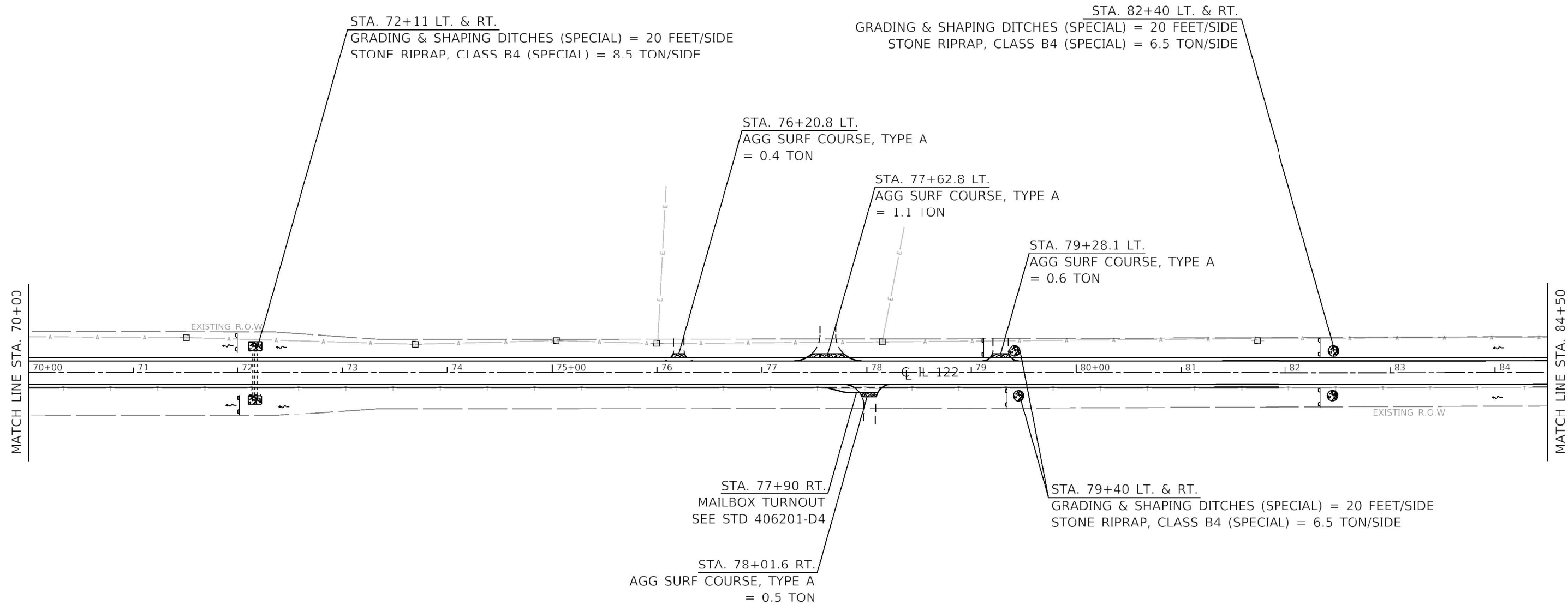
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

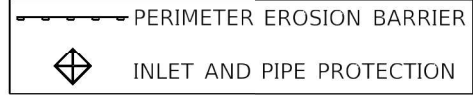
GENERAL PLAN			
SCALE:	SHEET 5	OF 18 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(R)RS-2.126RS-3	TAZEWELL	63	25
CONTRACT NO. 68108				
ILLINOIS FED. AID PROJECT				



NOTE FOR ALL GENERAL PLAN SHEETS:

1. SEE SCHEDULE FOR LOCATIONS AND QUANTITY OF TEMPORARY AND PERMANENT EROSION CONTROL ITEMS.
2. FLOW ARROWS WERE TAKEN FROM THE ORIGINAL PLANS AND ARE FOR INFORMATION ONLY. SURVEY WAS NOT PROVIDED FOR THIS PROJECT.



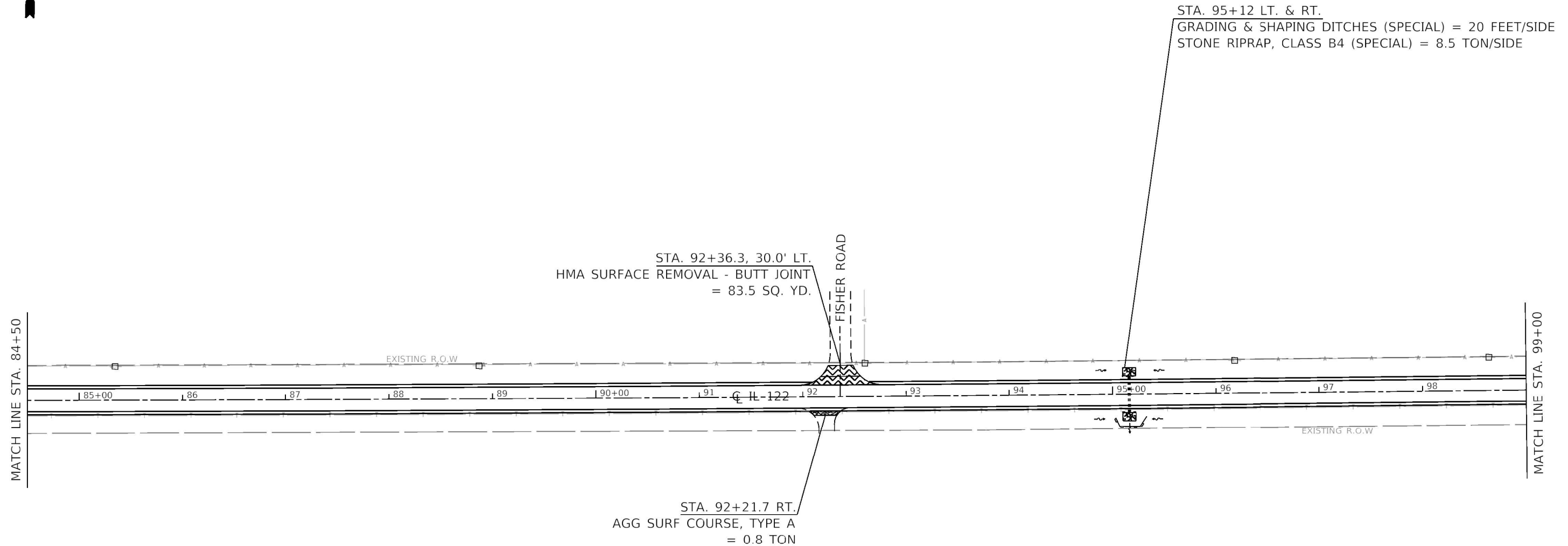
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

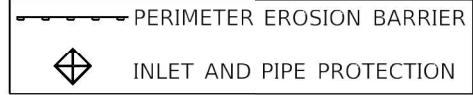
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 SCALE: SHEET 6 OF 18 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(R)RS-2.126RS-3	TAZEWELL	63	26
CONTRACT NO. 68108				
ILLINOIS FED. AID PROJECT				



NOTE FOR ALL GENERAL PLAN SHEETS:

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2. FLOW ARROWS WERE TAKEN FROM THE ORIGINAL PLANS AND ARE FOR INFORMATION ONLY. SURVEY WAS NOT PROVIDED FOR THIS PROJECT.



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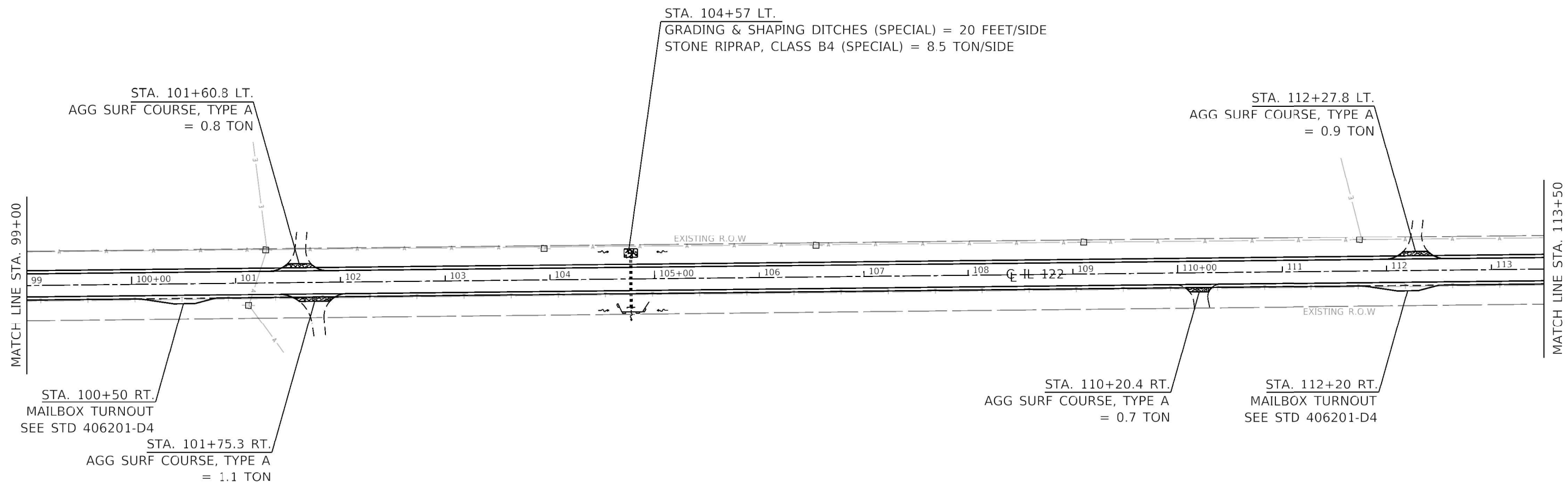
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL PLAN

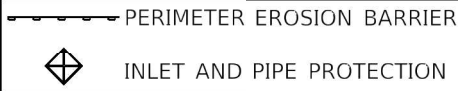
SCALE: SHEET 7 OF 18 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(R)RS-2.126RS-3	TAZEWELL	63	27
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68J08	



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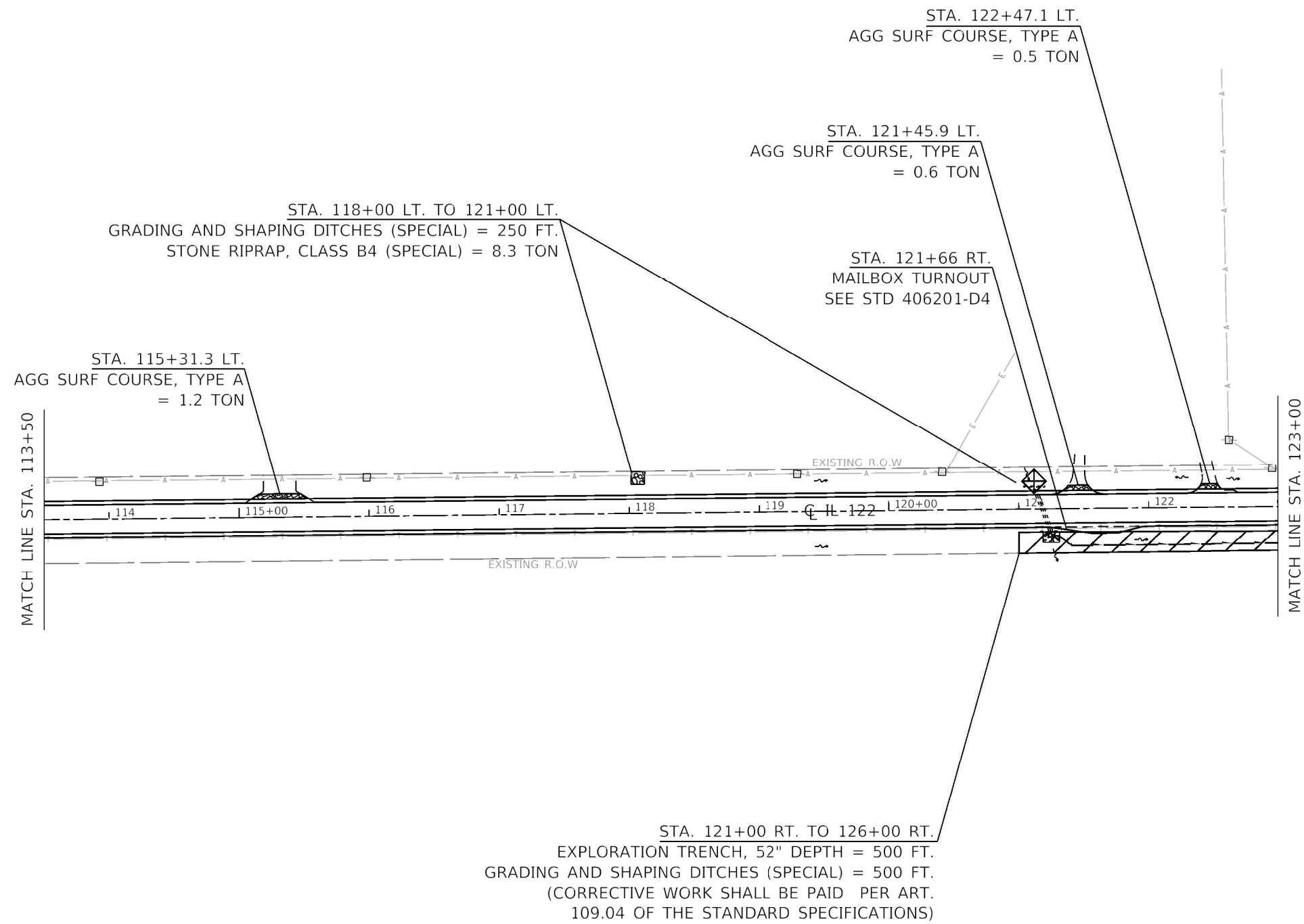
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

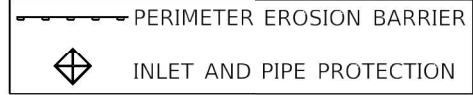
GENERAL PLAN	
SCALE:	SHEET 8 OF 18 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(R)RS-2.126RS-3	TAZEWELL	63	28
CONTRACT NO. 68J08				
ILLINOIS FED. AID PROJECT				



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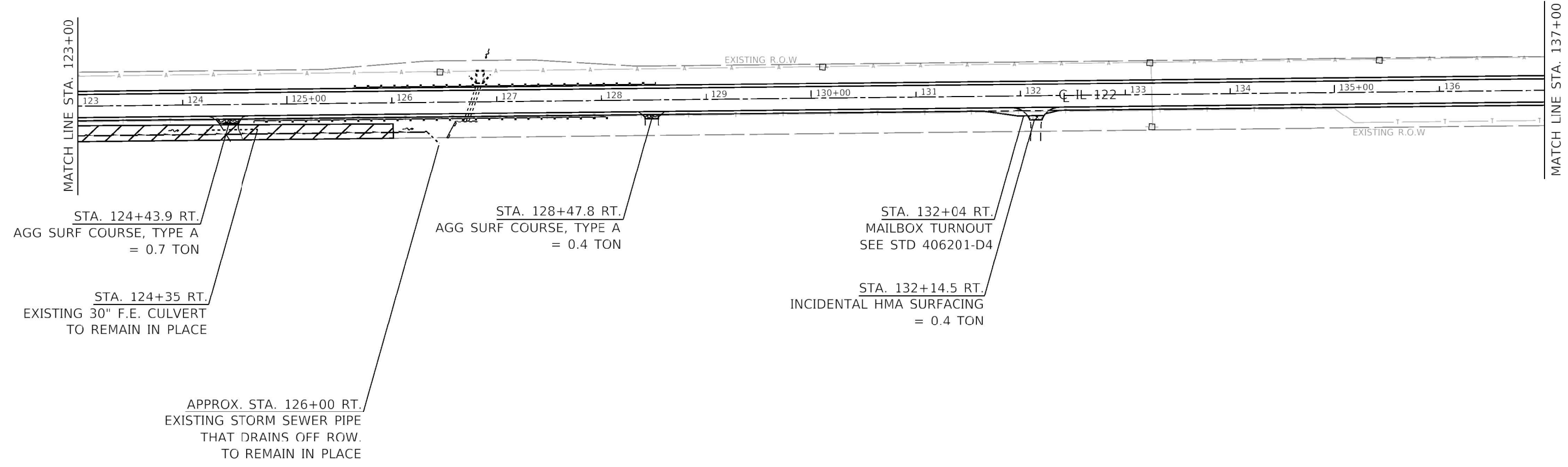
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

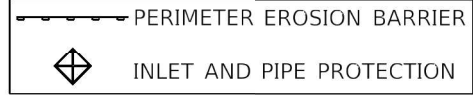
GENERAL PLAN
 SCALE: SHEET 9 OF 18 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(R)RS-2.126RS-3	TAZEWELL	63	29
CONTRACT NO. 68J08				
ILLINOIS FED. AID PROJECT				



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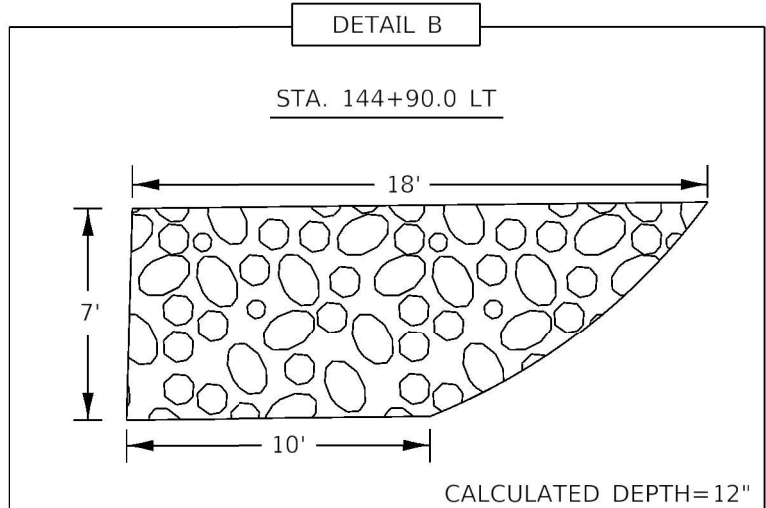
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

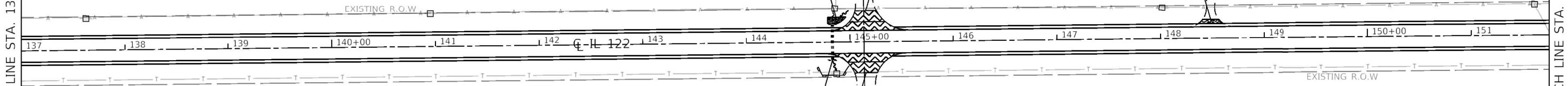
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 SCALE: SHEET 10 OF 18 SHEETS STA. TO STA.

F.A.P. RTE. 705	SECTION (R)RS-2.126RS-3	COUNTY TAZEWELL	TOTAL SHEETS 63	SHEET NO. 30
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68108	



MATCH LINE STA. 137+00

MATCH LINE STA. 151+75



STA. 144+90 LT.
 BOX CULVERTS TO BE CLEANED = 34.0 FEET
 STONE RIPRAP, CLASS B3 = 5.3 TON
 (SEE DETAIL B)
 GRADING AND SHAPING DITCHES (SPECIAL) = 30.0 FEET

STA. 145+13.5, 30.0' LT.
 HMA SURFACE REMOVAL - BUTT JOINT
 = 75.5 SQ. YD.

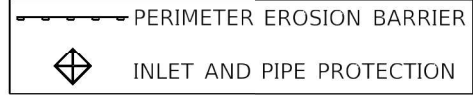
STA. 148+48.4 LT.
 AGG SURF COURSE, TYPE A
 = 0.6 TON

STA. 144+90 RT.
 GRADING AND SHAPING DITCHES (SPECIAL) = 20.0 FEET

STA. 145+13.5, 30.0' RT.
 HMA SURFACE REMOVAL - BUTT JOINT
 = 78.6 SQ. YD.

NOTE FOR ALL GENERAL PLAN SHEETS:

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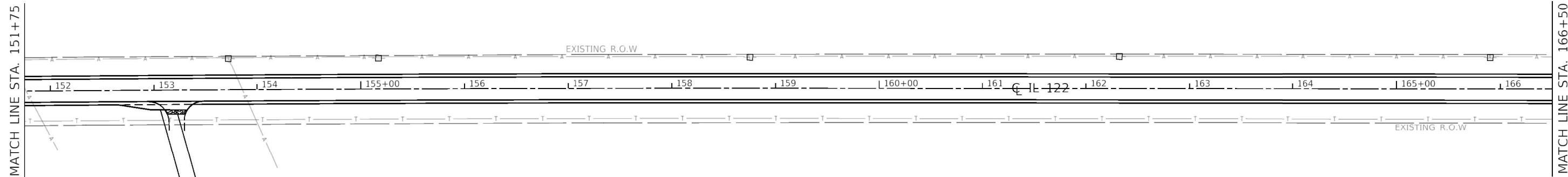
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

GENERAL PLAN	
SCALE:	SHEET 11 OF 18 SHEETS STA. TO STA.

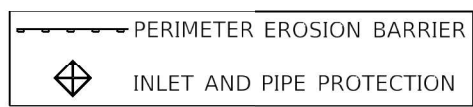
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ILLINOIS FED. AID PROJECT			CONTRACT NO. 68J08	



STA. 153+21.1 RT.
 AGG SURF COURSE, TYPE A
 = 0.6 TON
 STA. 153+07 RT.
 MAILBOX TURNOUT
 SEE STD 406201-D4

NOTE FOR ALL GENERAL PLAN SHEETS:

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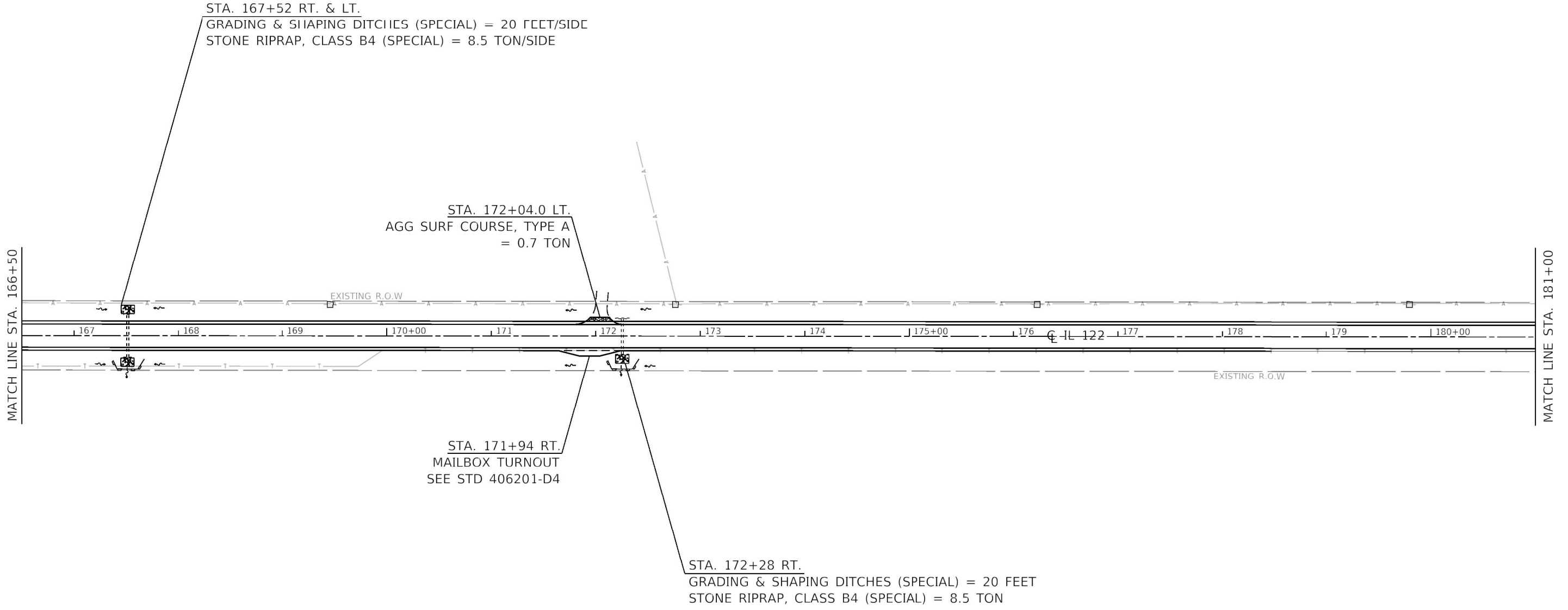
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

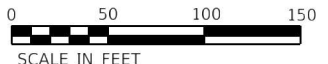
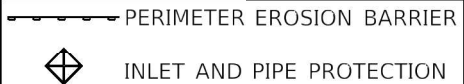
GENERAL PLAN			
SCALE:	SHEET 12	OF 18 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(R)RS-2,126RS-3	TAZEWELL	63	32
CONTRACT NO. 68108				
ILLINOIS FED. AID PROJECT				



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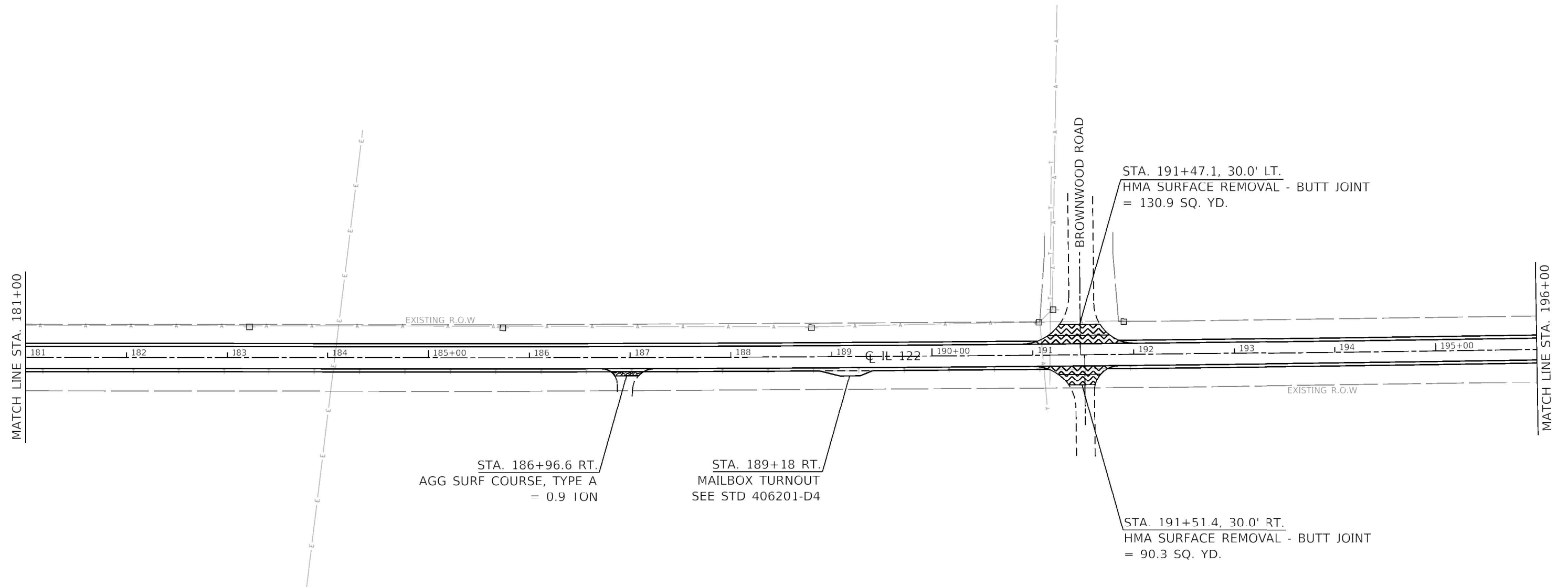
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

GENERAL PLAN

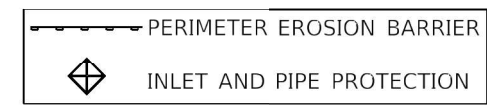
SCALE: SHEET 13 OF 18 SHEETS STA. TO STA.

F.A.P. RTE. 705	SECTION (R)RS-2.126RS-3	COUNTY TAEWELL	TOTAL SHEETS 63	SHEET NO. 33
CONTRACT NO. 68108				
ILLINOIS FED. AID PROJECT				



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL PLAN

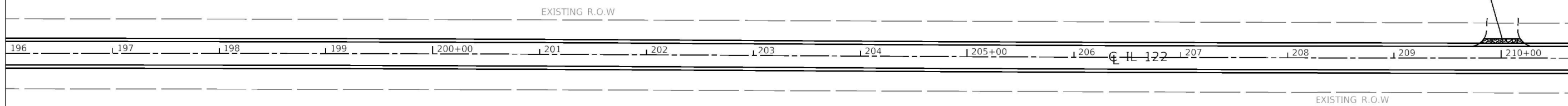
SCALE: SHEET 14 OF 18 SHEETS STA. TO STA.

F.A.P. RTE. 705	SECTION (R)RS-2.126RS-3	COUNTY TAZEWELL	TOTAL SHEETS 63	SHEET NO. 34
CONTRACT NO. 68J08				
ILLINOIS FED. AID PROJECT				



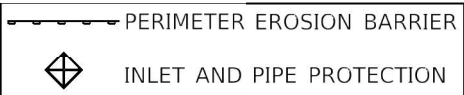
MATCH LINE STA. 196+00

MATCH LINE STA. 210+75



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL PLAN	
SCALE:	SHEET 15 OF 18 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(R)RS-2.126RS-3	TAZEWELL	63	35
CONTRACT NO. 68108				
ILLINOIS FED. AID PROJECT				



STA. 217+00 RT. & LT.
 GRADING & SHAPING DITCHES (SPECIAL) = 20 FEET/SIDE
 STONE RIPRAP, CLASS B4 (SPECIAL) = 8.5 TON/SIDE

STA. 224+19.7 LT.
 AGG SURF COURSE, TYPE A
 = 0.8 TON

STA. 221+16.8 RT.
 AGG SURF COURSE, TYPE A
 = 0.9 TON

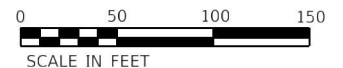
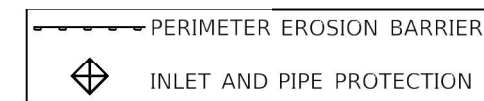
STA. 222+70 RT. & LT.
 GRADING & SHAPING DITCHES (SPECIAL) = 20 FEET/SIDE
 STONE RIPRAP, CLASS B4 (SPECIAL) = 8.5 TON/SIDE

MATCH LINE STA. 210+75

MATCH LINE STA. 226+00

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

GENERAL PLAN

SCALE: SHEET 16 OF 18 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(R)RS-2.126RS-3	TAZEWELL	63	36
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68108	



STA. 511+96.8 TO STA. 522+70.5
 HMA SURF REMOVAL, 3.0"
 1.5" POLY HMA BINDER COURSE, IL-9.5, N50
 1.5" POLY HMA SURF COURSE, IL-9.5, MIX "D", N50

STA. 511+96.8 TO STA. 512+06.8
 HMA SURFACE REMOVAL - BUTT JOINT
 = 35.7 SQ. YD.
 (SEE BUTT-JOINT DETAIL SHEET)
 HOT-MIX ASPHALT SHOULDERS = 3.0 TONS

STA. 520+59.1 LT.
 *STONE DUMPED RIPRAP, CLASS B4
 = 5.8 TON

STA. 518+67.1 LT. TO STA. 518+87.1 LT.
 CLASS D PATCHES, TYPE III, 8 INCH
 = 17.8 SQ. YD.
 SUBBASE GRANULAR MATERIAL, TYPE C
 = 20.7 TON (SEE DETAIL C)
 *STONE DUMPED RIPRAP, CLASS B4
 = 7.9 TON

STA. 512+06.8 LT. TO STA. 518+12.0 LT.
 HOT-MIX ASPHALT SURFACE REMOVAL, 6" = 486.6 SQ. YD.
 HOT-MIX ASPHALT SHOULDERS = 163.5 TON

STA. 229+80.9 TO STA. 230+30.9
 HMA SURFACE REMOVAL - BUTT JOINT
 = 155.6 SQ. YD.
 (SEE BUTT-JOINT DETAIL SHEET)

EXISTING R.O.W

226 227 228 229 512 513 514 515+00 516 517 518 519 520+00 521 522

EXISTING R.O.W

EXISTING R.O.W

STA. 512+06.8 RT. TO STA. 516+70.0 RT.
 HOT-MIX ASPHALT SURFACE REMOVAL, 6" = 360.1 SQ. YD.
 HOT-MIX ASPHALT SHOULDERS = 121.0 TON

EQUATION:
 STA. 230+30.89 BK =
 STA. 511+96.79 AH

STA. 518+4.3 RT. TO STA. 518+16.3 RT.
 CLASS D PATCHES, TYPE II, 8 INCH
 = 10.7 SQ. YD.
 SUBBASE GRANULAR MATERIAL, TYPE C
 = 8.0 TON (SEE DETAIL C)
 *STONE DUMPED RIPRAP, CLASS B4 = 2.5 TON

STA. 518+76.6 RT. TO STA. 518+82.6 RT.
 CLASS D PATCHES, TYPE II, 8 INCH = 5.3 SQ. YD.
 SUBBASE GRANULAR MATERIAL, TYPE C = 5.5 TON
 (SEE DETAIL C)

STA. 514+95.8 TO STA. 516+76.1
 MEDIAN REMOVAL PARTIAL DEPTH = 713.0 SQ. FT.
 HMA SURFACE = 6.7 TON
 HMA BINDER = 6.7 TON
 (SEE CORRUGATED MEDIAN DETAIL)

STA. 519+73.1 RT.
 *STONE DUMPED RIPRAP, CLASS B4 = 6.1 TON

STA. 522+60.5 TO 522+70.5
 HMA SURFACE REMOVAL-BUTT JOINT
 = 62.2 SQ. YD.

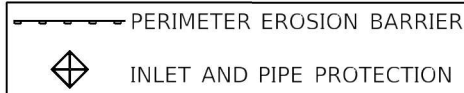
STA. 519+91.4 RT. TO STA. 519+99.4 RT.
 CLASS D PATCHES, TYPE II, 8 INCH = 7.1 SQ. YD.
 SUBBASE GRANULAR MATERIAL, TYPE C = 5.8 TON
 (SEE DETAIL C)
 *STONE DUMPED RIPRAP, CLASS B4 = 1.5 TON

STA. 520+31.6 RT. TO STA. 520+48.2 RT.
 CLASS D PATCHES, TYPE III, 8 INCH = 16.0 SQ. YD.
 SUBBASE GRANULAR MATERIAL, TYPE C = 21.9 TON
 (SEE DETAIL C)
 *STONE DUMPED RIPRAP, CLASS B4 = 4.3 TON

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*NOTE: RIPRAP QUANTITIES ESTIMATED PRIOR TO SPRING TO FILL WASHOUTS IN FORESLOPE



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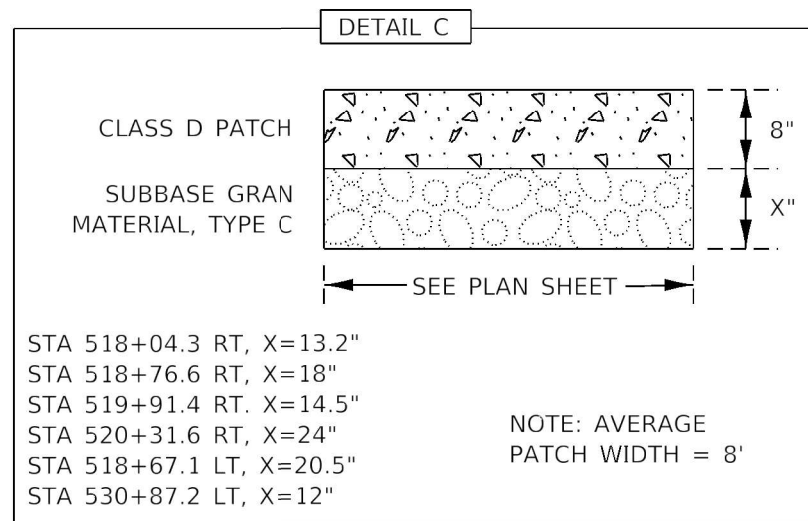
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

GENERAL PLAN

SCALE: SHEET 17 OF 18 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(R)RS-2.126RS-3	TAZEWELL	63	37
CONTRACT NO. 68108				
ILLINOIS FED. AID PROJECT				



STA. 530+87.2 LT. TO STA. 531+02.2 LT.
 CLASS D PATCHES, TYPE II, 8 INCH = 13.3 SQ. YD.
 SUBBASE GRANULAR MATERIAL, TYPE C = 9.1 TON
 (SEE DETAIL C)

STA. 531+12.0 LT. TO STA. 534+71.0 LT.
 HOT-MIX ASPHALT SURFACE REMOVAL, 6" = 319.1 SQ. YD.
 HOT-MIX ASPHALT SHOULDERS = 107.2 TON

STA. 535+80 LT.
 MATCH EXISTING JOINT
 HMA SURFACE REMOVAL - BUTT JOINT
 = 499.6 SQ. YD.

STA. 533+12.9 TO STA. 535+18.2
 MEDIAN REMOVAL PARTIAL DEPTH
 = 715.0 SQ. FT.
 HMA SURFACE = 6.9 TON
 HMA BINDER = 6.9 TON
 (SEE CORRUGATED MEDIAN DETAIL)

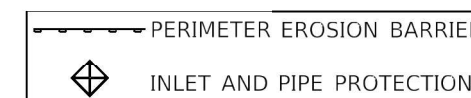
STA. 535+80 RT.
 MATCH EXISTING JOINT
 HMA SURFACE REMOVAL - BUTT JOINT
 = 544.0 SQ. YD.

STA. 536+61 TO 536+71
 HMA SURFACE REMOVAL - BUTT JOINT
 = 28.9 SQ. YD.

STA. 527+56.5 TO 527+66.5
 HMA SURFACE REMOVAL - BUTT JOINT
 = 62.2 SQ. YD.

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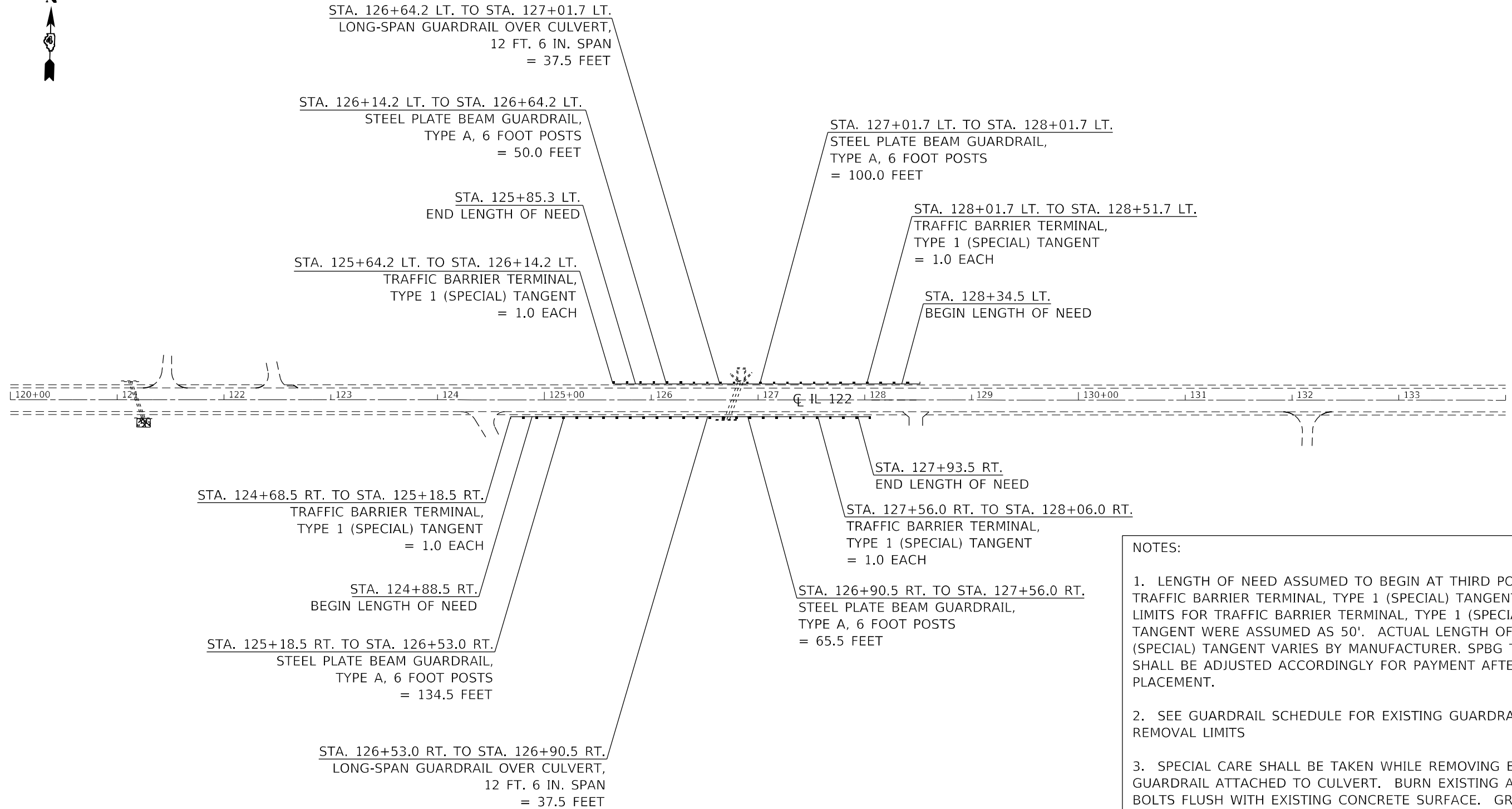
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

GENERAL PLAN

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(R)RS-2.126RS-3	TAZEWELL	63	38
CONTRACT NO. 68108				
ILLINOIS FED. AID PROJECT				



- NOTES:
1. LENGTH OF NEED ASSUMED TO BEGIN AT THIRD POST OF TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT. PAY LIMITS FOR TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT WERE ASSUMED AS 50'. ACTUAL LENGTH OF TYPE 1 (SPECIAL) TANGENT VARIES BY MANUFACTURER. SPBG TYPE A SHALL BE ADJUSTED ACCORDINGLY FOR PAYMENT AFTER PLACEMENT.
 2. SEE GUARDRAIL SCHEDULE FOR EXISTING GUARDRAIL REMOVAL LIMITS
 3. SPECIAL CARE SHALL BE TAKEN WHILE REMOVING EXISTING GUARDRAIL ATTACHED TO CULVERT. BURN EXISTING ANCHOR BOLTS FLUSH WITH EXISTING CONCRETE SURFACE. GRIND EXISTING ANCHOR BOLTS SMOOTH AND SEAL WITH EPOXY. THIS SHALL BE CONSIDERED INCLUDED IN THE COST OF GUARDRAIL REMOVAL.
 4. HMA CURB AT EXISTING GUARDRAIL AT THE INTERCHANGE SHALL BE REMOVED AND INCLUDED IN THE COST OF GUARDRAIL REMOVAL.



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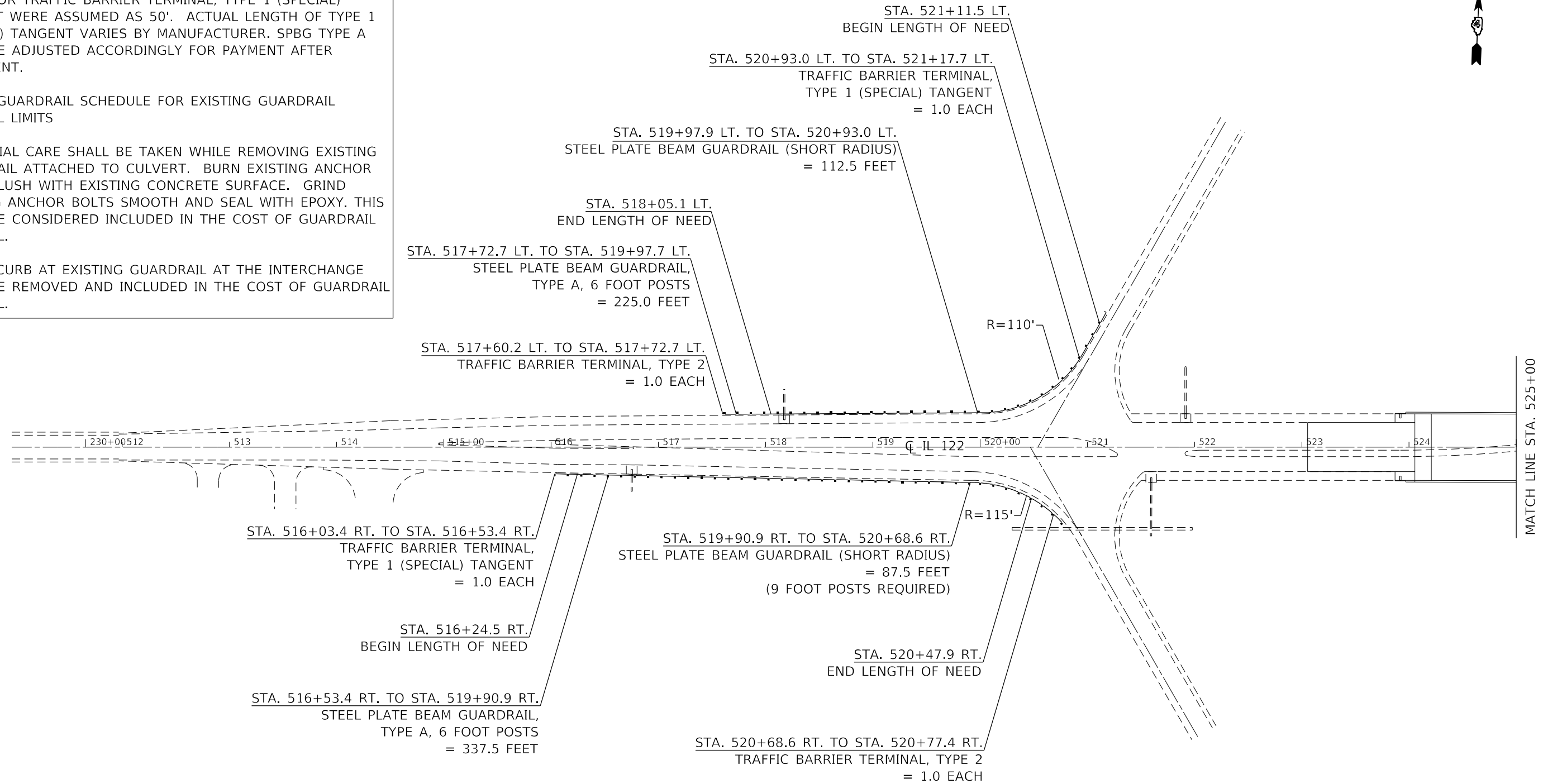
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(R)RS-2;126RS-3	TAZEWELL	63	39
			CONTRACT NO. 68J08	
		ILLINOIS	FED. AID PROJECT	

NOTES:

1. LENGTH OF NEED ASSUMED TO BEGIN AT THIRD POST OF TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT. PAY LIMITS FOR TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT WERE ASSUMED AS 50'. ACTUAL LENGTH OF TYPE 1 (SPECIAL) TANGENT VARIES BY MANUFACTURER. SPBG TYPE A SHALL BE ADJUSTED ACCORDINGLY FOR PAYMENT AFTER PLACEMENT.
2. SEE GUARDRAIL SCHEDULE FOR EXISTING GUARDRAIL REMOVAL LIMITS
3. SPECIAL CARE SHALL BE TAKEN WHILE REMOVING EXISTING GUARDRAIL ATTACHED TO CULVERT. BURN EXISTING ANCHOR BOLTS FLUSH WITH EXISTING CONCRETE SURFACE. GRIND EXISTING ANCHOR BOLTS SMOOTH AND SEAL WITH EPOXY. THIS SHALL BE CONSIDERED INCLUDED IN THE COST OF GUARDRAIL REMOVAL.
4. HMA CURB AT EXISTING GUARDRAIL AT THE INTERCHANGE SHALL BE REMOVED AND INCLUDED IN THE COST OF GUARDRAIL REMOVAL.



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GUARDRAIL PLAN

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(R)RS-2;126RS-3	TAZEWELL	63	40
CONTRACT NO. 68J08				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 525+00

STA. 529+54.0 LT.
END LENGTH OF NEED

STA. 529+33.8 LT. TO STA. 530+20.5 LT.
STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)
= 100.0 FEET

STA. 529+27.0 LT. TO STA. 529+33.8 LT.
TRAFFIC BARRIER TERMINAL, TYPE 2
= 1.0 EACH

STA. 535+65.6 LT.
BEGIN LENGTH OF NEED

STA. 535+64.2 LT. TO STA. 535+66.1 LT.
TRAFFIC BARRIER TERMINAL,
TYPE 1 (SPECIAL) TANGENT
= 1.0 EACH

STA. 535+57.7 LT. TO STA. 535+64.2 LT.
STEEL PLATE BEAM GUARDRAIL,
TYPE A, 6 FOOT POSTS
= 25.0 FEET

STA. 535+08.0 LT. TO STA. 535+57.7 LT.
STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)
= 75.0 FEET

STA. 530+20.5 LT. TO STA. 535+08.0 LT.
STEEL PLATE BEAM GUARDRAIL,
TYPE A, 6 FOOT POSTS
= 487.5 FEET

R=105'

R=75'

R=110'

R=30'

STA. 530+16.1 RT. TO STA. 535+16.1 RT.
STEEL PLATE BEAM GUARDRAIL,
TYPE A, 6 FOOT POSTS
= 500.0 FEET

STA. 535+10.0 RT.
END LENGTH OF NEED

STA. 535+16.1 RT. TO STA. 535+37.5 RT.
STEEL PLATE BEAM GUARDRAIL
(SHORT RADIUS)
= 25.0 FEET

STA. 529+15.1 RT. TO STA. 530+16.1 RT.
STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)
= 125.0 FEET

STA. 535+37.5 RT. TO STA. 535+42.8 RT.
TRAFFIC BARRIER TERMINAL, TYPE 2
= 1.0 EACH

STA. 529+02.7 RT. TO STA. 529+15.1 RT.
STEEL PLATE BEAM GUARDRAIL,
TYPE A, 6 FOOT POSTS
= 25.0 FEET

STA. 528+84.2 RT.
BEGIN LENGTH OF NEED

STA. 528+78.1 RT. TO STA. 529+02.7 RT.
TRAFFIC BARRIER TERMINAL,
TYPE 1 (SPECIAL) TANGENT
= 1.0 EACH

NOTES:

1. LENGTH OF NEED ASSUMED TO BEGIN AT THIRD POST OF TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT. PAY LIMITS FOR TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT WERE ASSUMED AS 50'. ACTUAL LENGTH OF TYPE 1 (SPECIAL) TANGENT VARIES BY MANUFACTURER. SPBG TYPE A SHALL BE ADJUSTED ACCORDINGLY FOR PAYMENT AFTER PLACEMENT.
2. SEE GUARDRAIL SCHEDULE FOR EXISTING GUARDRAIL REMOVAL LIMITS
3. SPECIAL CARE SHALL BE TAKEN WHILE REMOVING EXISTING GUARDRAIL ATTACHED TO CULVERT. BURN EXISTING ANCHOR BOLTS FLUSH WITH EXISTING CONCRETE SURFACE. GRIND EXISTING ANCHOR BOLTS SMOOTH AND SEAL WITH EPOXY. THIS SHALL BE CONSIDERED INCLUDED IN THE COST OF GUARDRAIL REMOVAL.
4. HMA CURB AT EXISTING GUARDRAIL AT THE INTERCHANGE SHALL BE REMOVED AND INCLUDED IN THE COST OF GUARDRAIL REMOVAL.



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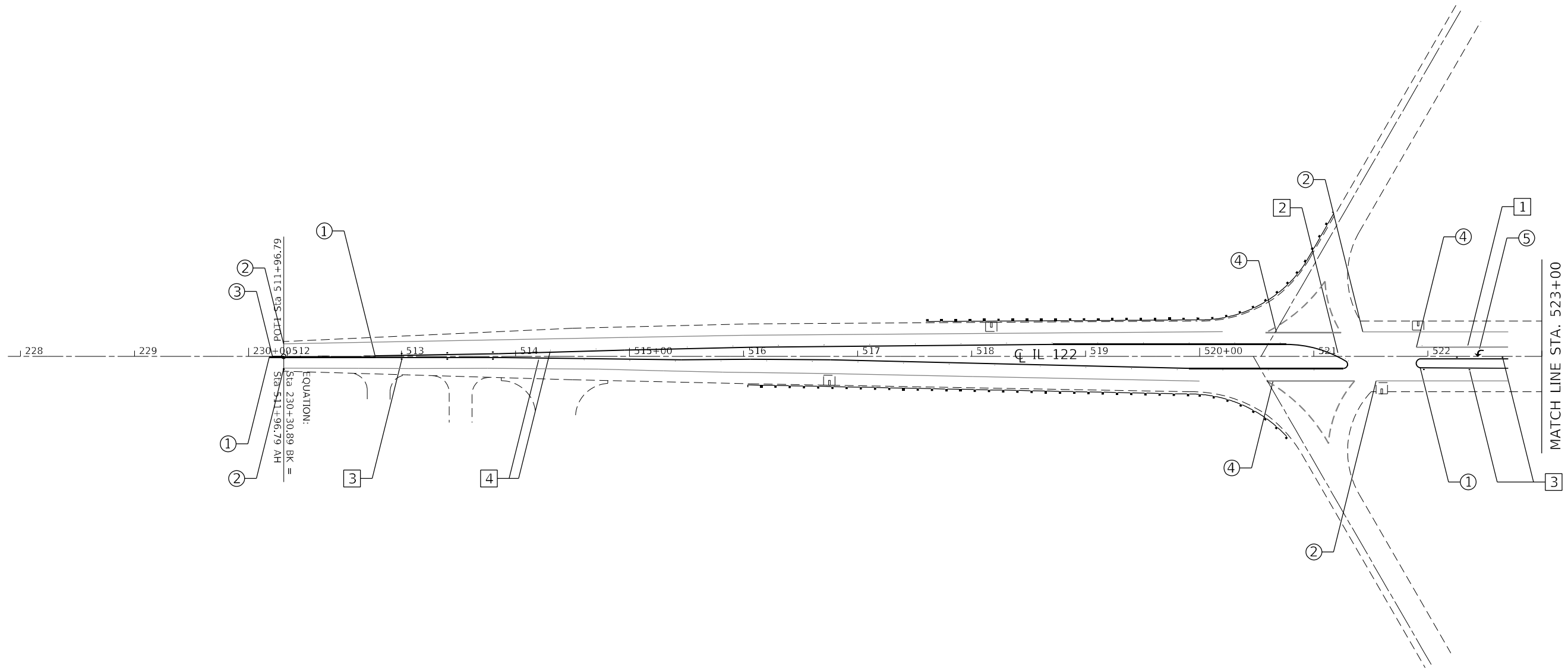
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GUARDRAIL PLAN

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(R)RS-2;126RS-3	TAZEWELL	63	41
CONTRACT NO. 68J08				
ILLINOIS FED. AID PROJECT				



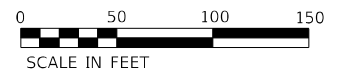
PAVEMENT MARKING LEGEND

- ① 4" SOLID YELLOW
- ② 6" SOLID WHITE
- ③ 4" SKIP DASH YELLOW- SEE STD. 780001-D4 FOR SPACING
- ④ 8" SOLID WHITE
- ⑤ LETTERS AND SYMBOLS- SEE STD. 780001-D4

RAISED REFLECTIVE PAVEMENT MARKERS (RRPM) LEGEND

- ① ◀ ONE-WAY CRYSTAL MARKER AT 40' CENTERS
- ② ◀ ONE-WAY AMBER MARKER AT 4' CENTERS
- ③ ◀ TWO-WAY AMBER MARKER AT 40' CENTERS
- ④ ◀ ONE-WAY AMBER MARKER AT 40' CENTERS

NOTE: SEE PAVEMENT MARKING SCHEDULES FOR STATIONS AND QUANTITIES



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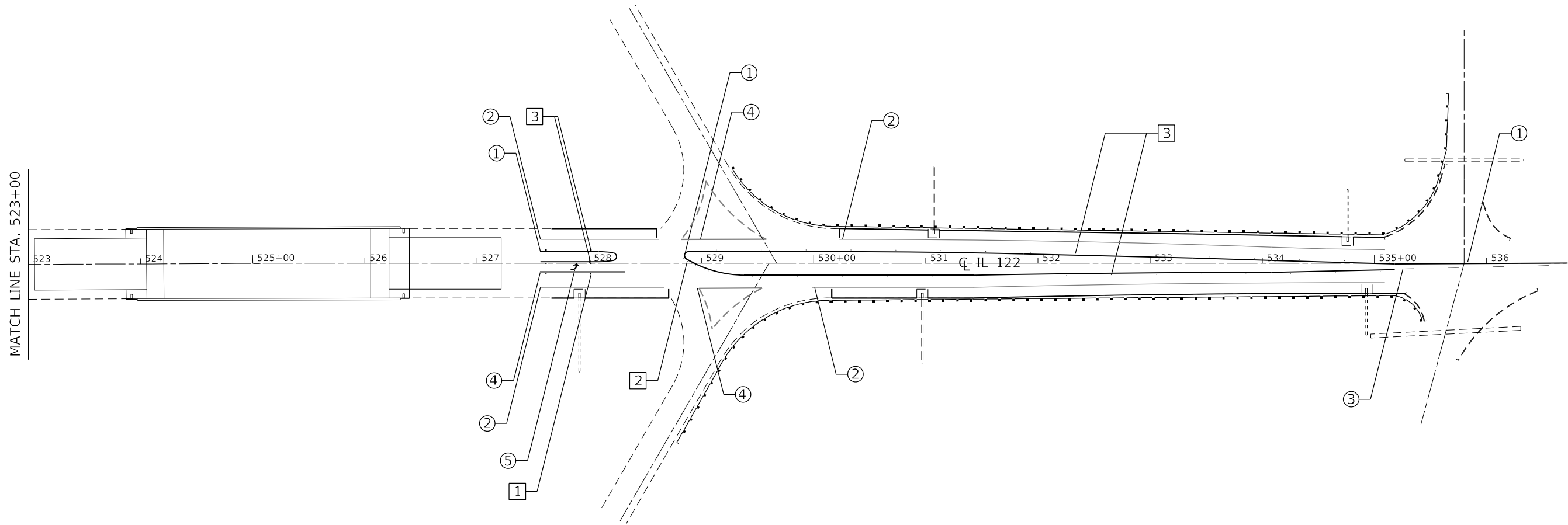
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKINGS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(R)RS-2;126RS-3	TAZEWELL	63	42
CONTRACT NO. 68J08				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

- ① 4" SOLID YELLOW
- ② 6" SOLID WHITE
- ③ 4" SKIP DASH YELLOW- SEE STD. 780001-D4 FOR SPACING
- ④ 8" SOLID WHITE
- ⑤ LETTERS AND SYMBOLS- SEE STD. 780001-D4

RAISED REFLECTIVE PAVEMENT MARKERS (RRPM) LEGEND

- ① ◀ ONE-WAY CRYSTAL MARKER AT 40' CENTERS
- ② ◀ ONE-WAY AMBER MARKER AT 4' CENTERS
- ③ ◀ TWO-WAY AMBER MARKER AT 40' CENTERS
- ④ ◀ ONE-WAY AMBER MARKER AT 40' CENTERS

NOTE: SEE PAVEMENT MARKING SCHEDULES FOR STATIONS AND QUANTITIES



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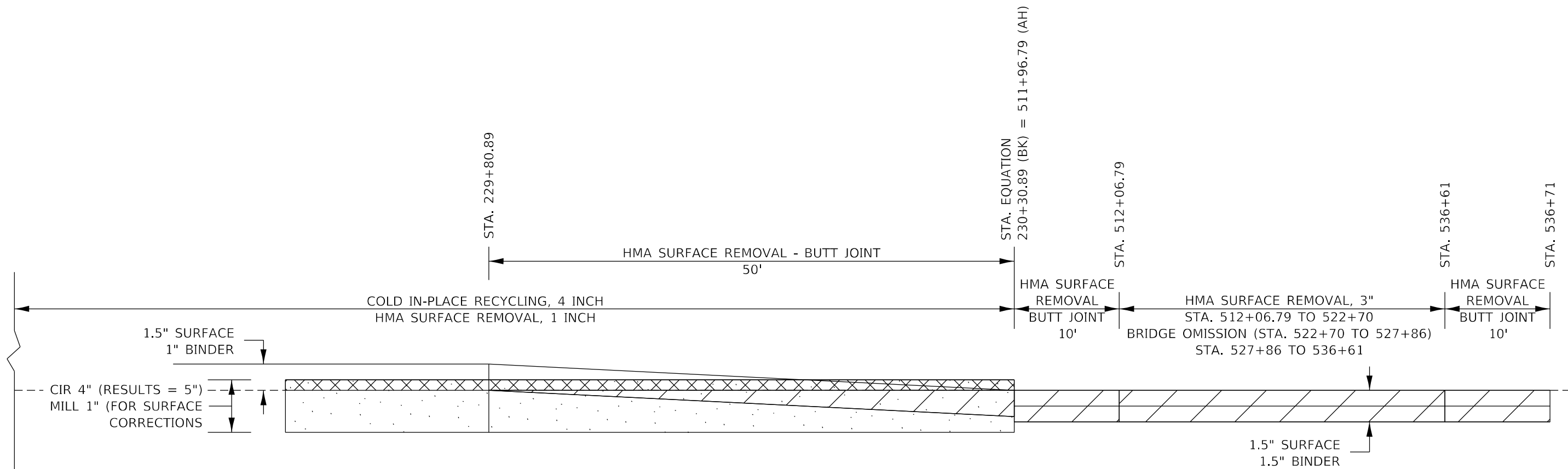
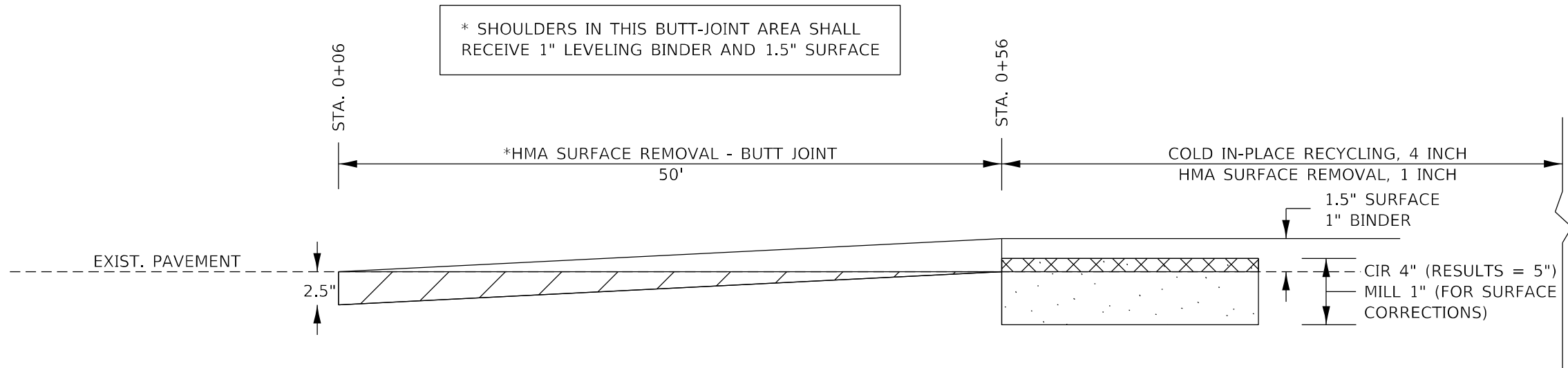
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKINGS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(R)RS-2;126RS-3	TAZEWELL	63	43
CONTRACT NO. 68J08				
ILLINOIS FED. AID PROJECT				



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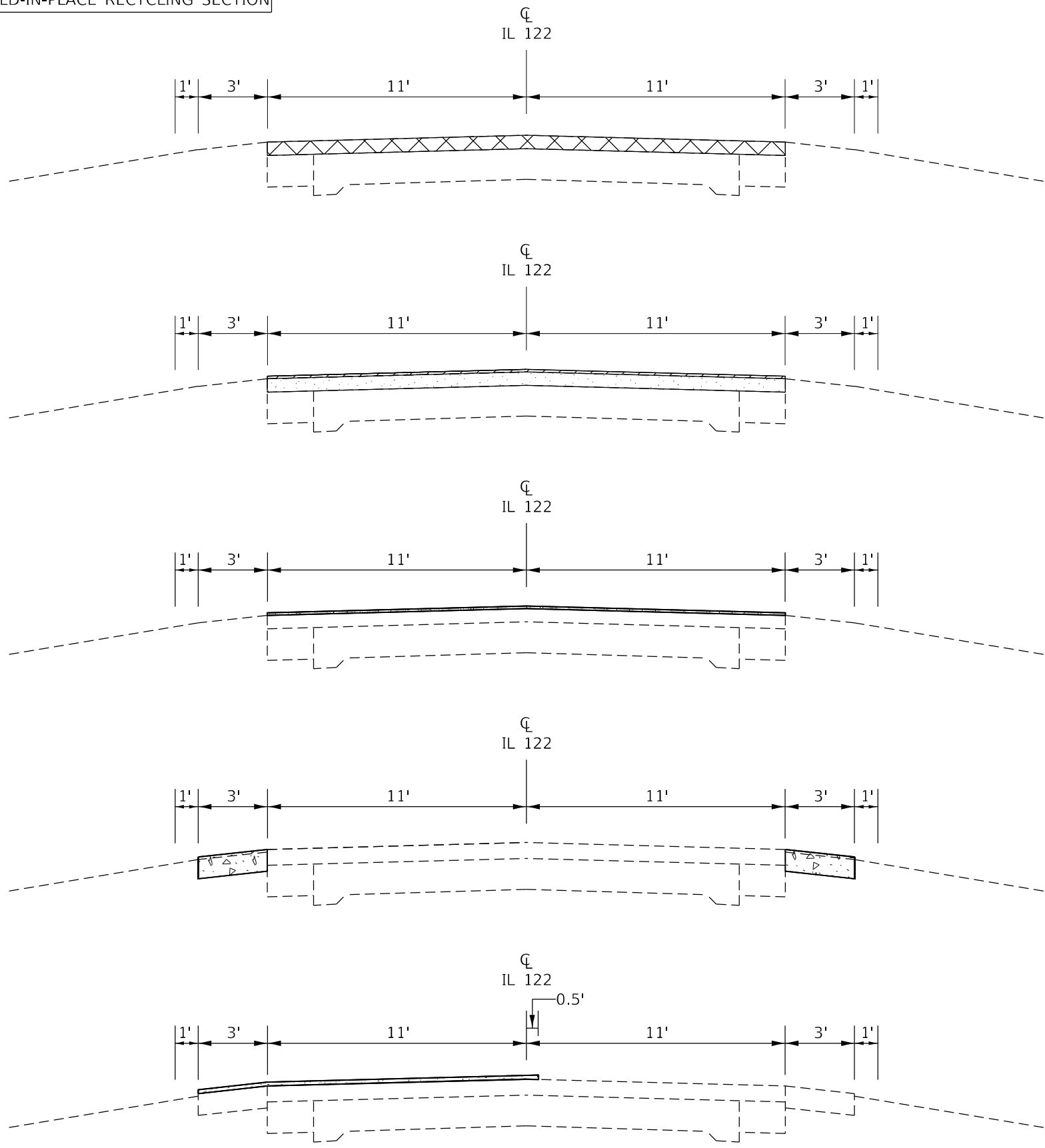
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BUTT-JOINT DETAIL			
SCALE:	SHEET 1	OF 5 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(R)RS-2;126RS-3	TAZEWELL	63	44
CONTRACT NO. 68J08				
ILLINOIS FED. AID PROJECT				

COLD-IN-PLACE RECYCLING SECTION



SEQUENCE OF OPERATIONS

1. COMPLETE CLASS D PATCHING (FULL DEPTH)
PLACE AGGREGATE WEDGE SHOULDER, TYPE B FOR TRAFFIC CONTROL
2. COLD-IN-PLACE RECYCLE (4")
PLACE SHORT TERM PAVEMENT MARKINGS (PAINT SHALL BE USED ON CIR SURFACE)
3. HMA SURFACE REMOVAL, VARIABLE DEPTH
(SEE CIR SPECIAL PROVISION)
4. PLACE 1" BINDER
PLACE SHORT TERM PAVEMENT MARKINGS
6. EXCAVATE AND GRADE EXISTING SHOULDER (3' WIDE)
7. PLACE HMA SHOULDERS (6.5")
8. PLACE 1.5" SURFACE MONOLITHICALLY WITH 3' SHOULDER
EXTENDING 6" INTO THE OPPOSITE LANE
(SEE SPECIAL PROVISION)
PLACE SHORT TERM PAVEMENT MARKINGS

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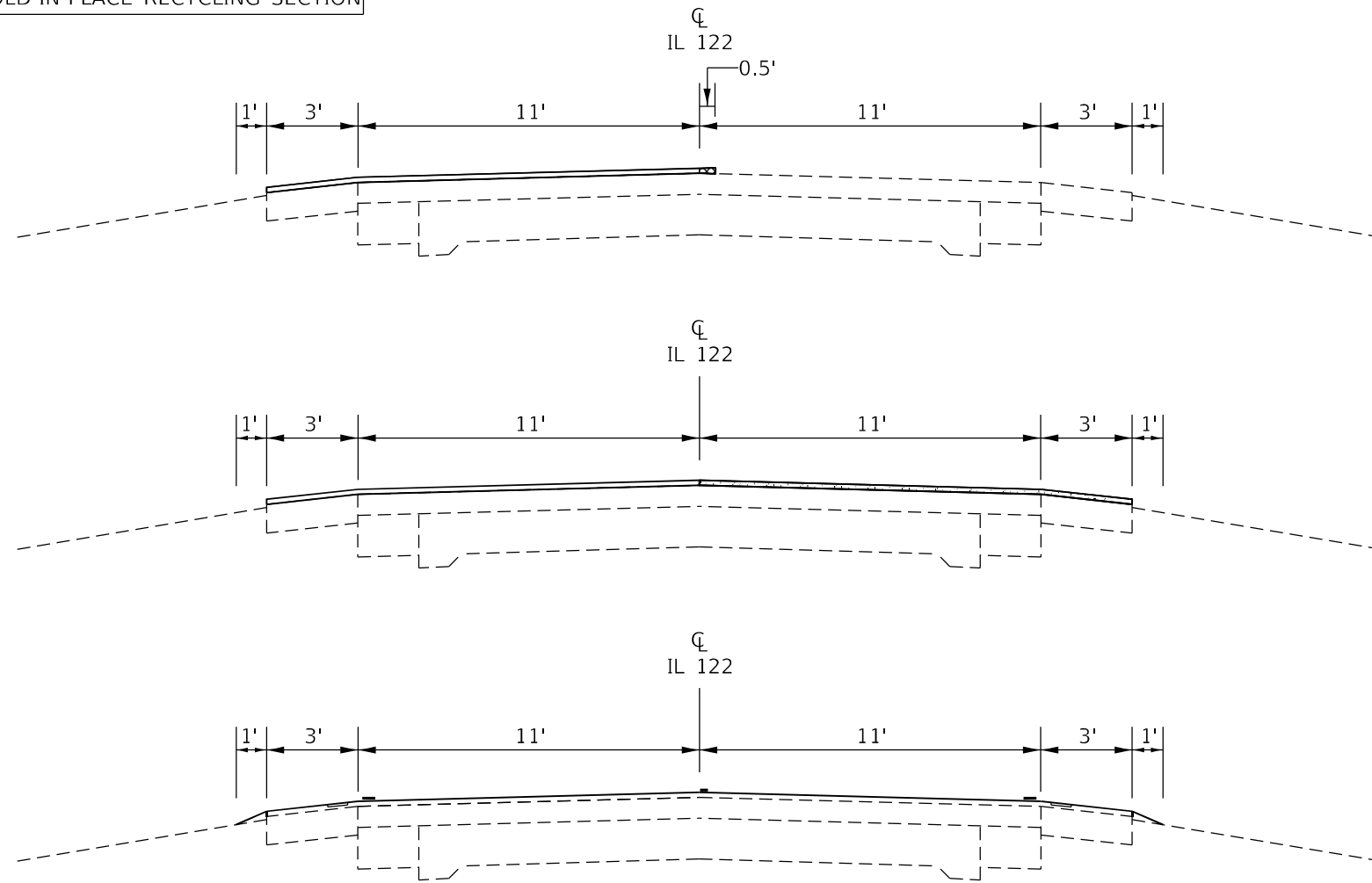
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(R)RS-2;126RS-3	TAZEWELL	63	45
CONTRACT NO. 68J08				
ILLINOIS FED. AID PROJECT				

COLD-IN-PLACE RECYCLING SECTION



SEQUENCE OF OPERATIONS

9. JOINT TRIM CENTERLINE (PAID FOR AS HOT MIX ASPHALT SURFACE REMOVAL, SPECIAL)

10. PLACE 1.5" SURFACE MONOLITHICALLY WITH 3' SHOULDER

11. PLACE 1' AGGREGATE SHOULDER WEDGE
GROOVE RUMBLE STRIP INTO SHOULDER
PLACE PAVEMENT MARKINGS AND RPMS

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SEQUENCE OF OPERATIONS

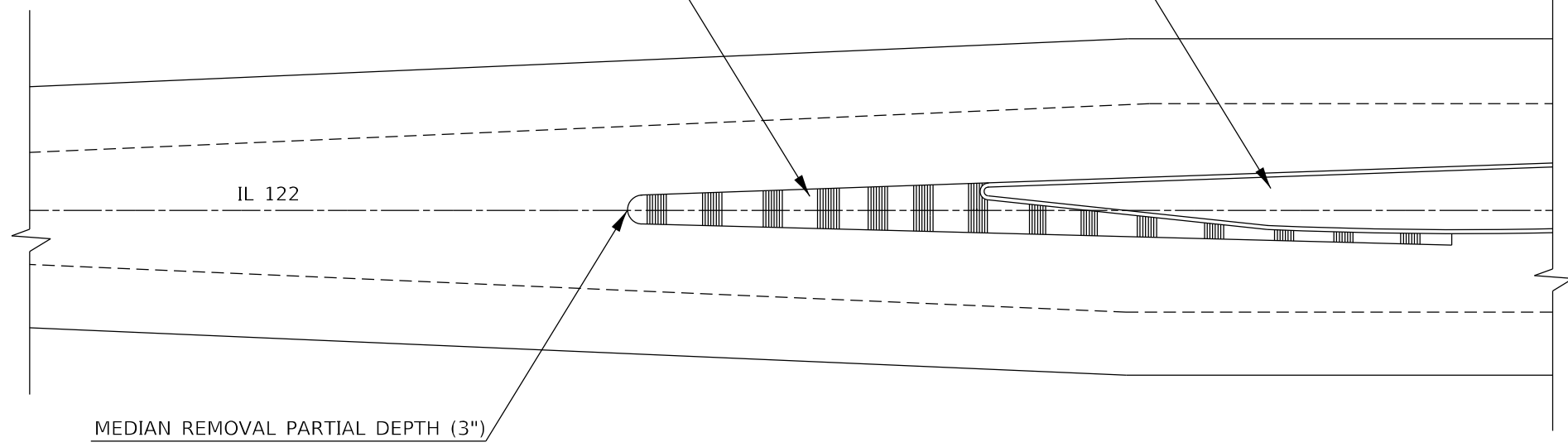
SCALE: SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(R)RS-2;126RS-3	TAZEWELL	63	46
CONTRACT NO. 68J08			ILLINOIS FED. AID PROJECT	



EXISTING CONCRETE CORRUGATED MEDIAN
 SEE FOR INFORMATION ONLY SHEETS "STANDARD 2122-12"
 AND "DETAIL OF CONCRETE MEDIAN TYPE C-4 SPECIAL" FOR EXISTING DETAILS

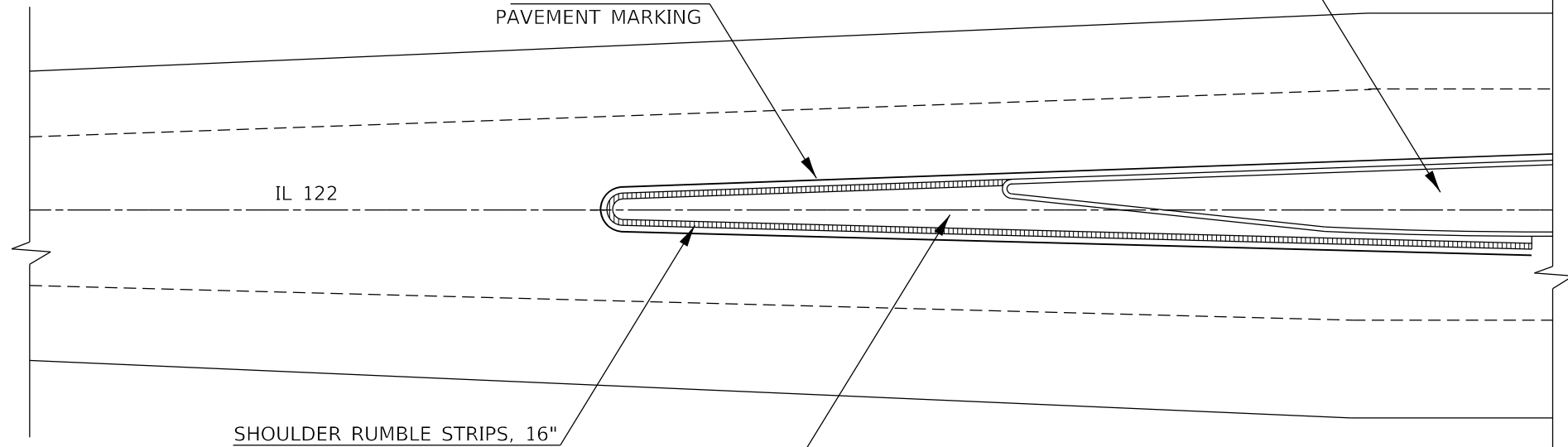
EXISTING RAISED MEDIAN
 TO REMAIN IN PLACE



EXISTING MEDIAN DETAIL

EXISTING RAISED MEDIAN
 TO REMAIN IN PLACE

SINGLE YELLOW 4"
 PAVEMENT MARKING



SHOULDER RUMBLE STRIPS, 16"

POLY HMA BINDER, 1.5"
 POLY HMA SURFACE COURSE, 1.5"

PROPOSED MEDIAN DETAIL

NOTE:

1. RUMBLE STRIPS SHALL BE PLACED IN ACCORDANCE WITH HIGHWAY STANDARD 642001.
2. PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH HIGHWAY STANDARD 780001 AND DISTRICT STANDARD 780001-D4.
3. MEDIAN REMOVAL PARTIAL DEPTH IS 3".

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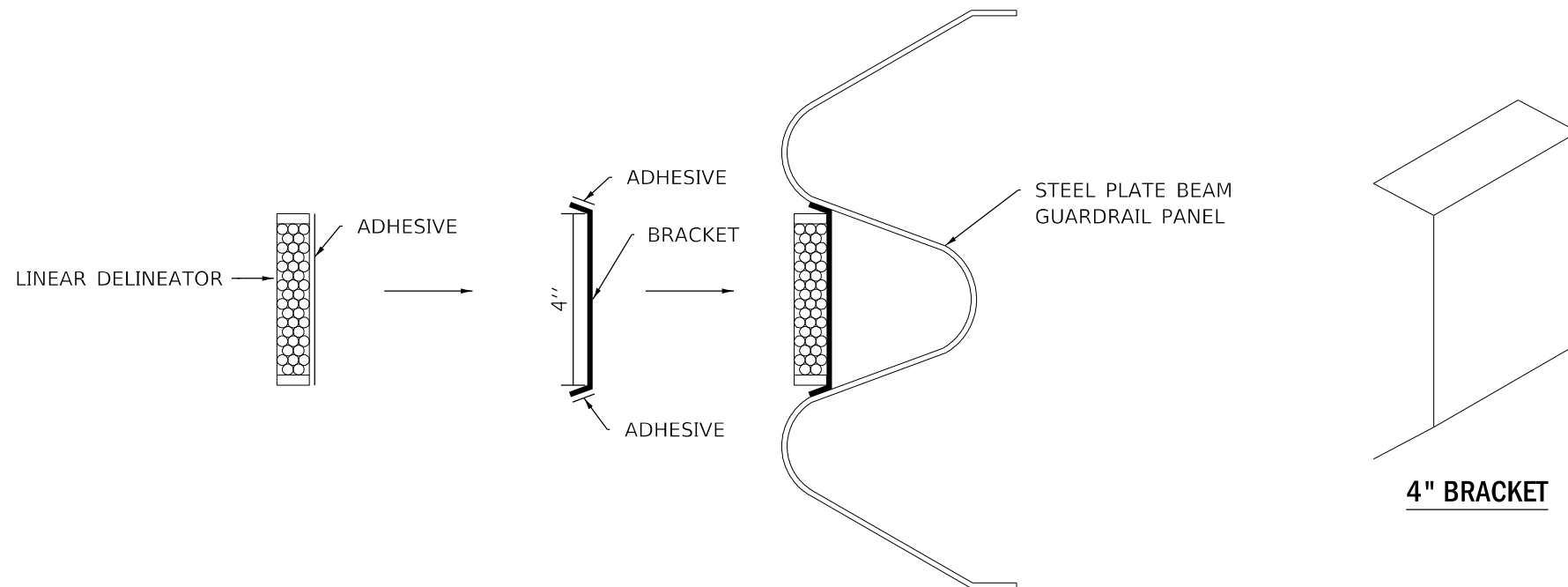
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CORRUGATED MEDIAN DETAIL

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(R)RS-2;126RS-3	TAZEWELL	63	47
CONTRACT NO. 68J08				
ILLINOIS FED. AID PROJECT				



LINEAR DELINEATOR APPLICATION TO STANDARD GALVANIZED GUARDRAIL

LINEAR DELINEATOR SHALL BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS

SEE LINEAR DELINEATOR PANELS, 4 INCH
SPECIAL PROVISION FOR ADDITIONAL DETAILS

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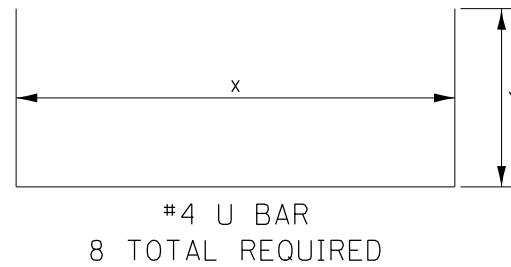
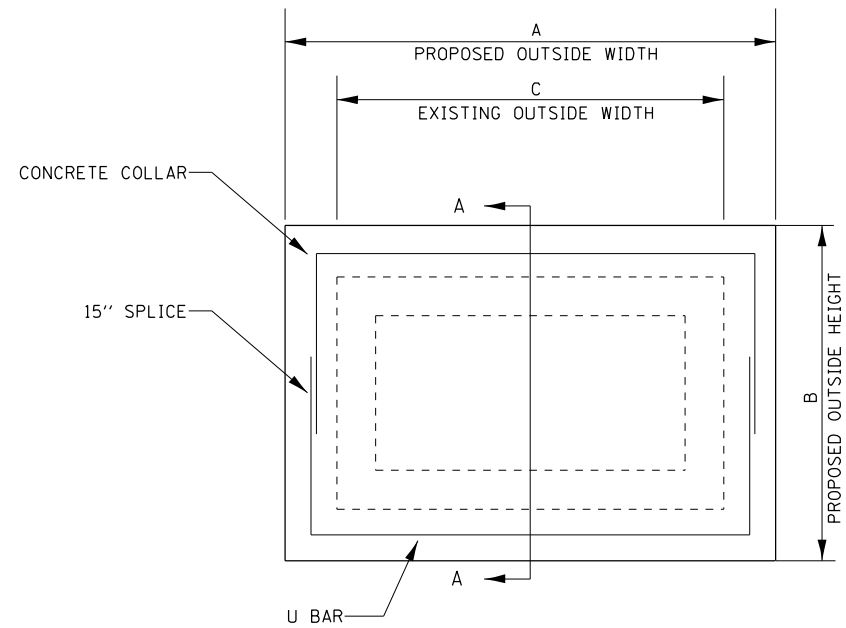
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LINEAR DELINEATOR PANEL, 4" DETAIL			
SCALE:	SHEET 5	OF 5 SHEETS	STA. TO STA.

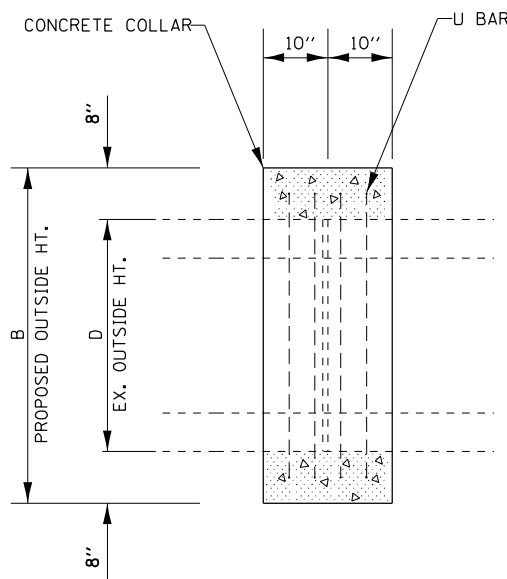
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705	(R)RS-2;126RS-3	TAZEWELL	63	48
CONTRACT NO. 68J08			ILLINOIS FED. AID PROJECT	

• MINIMUM 1' SPLICE ON U BARS

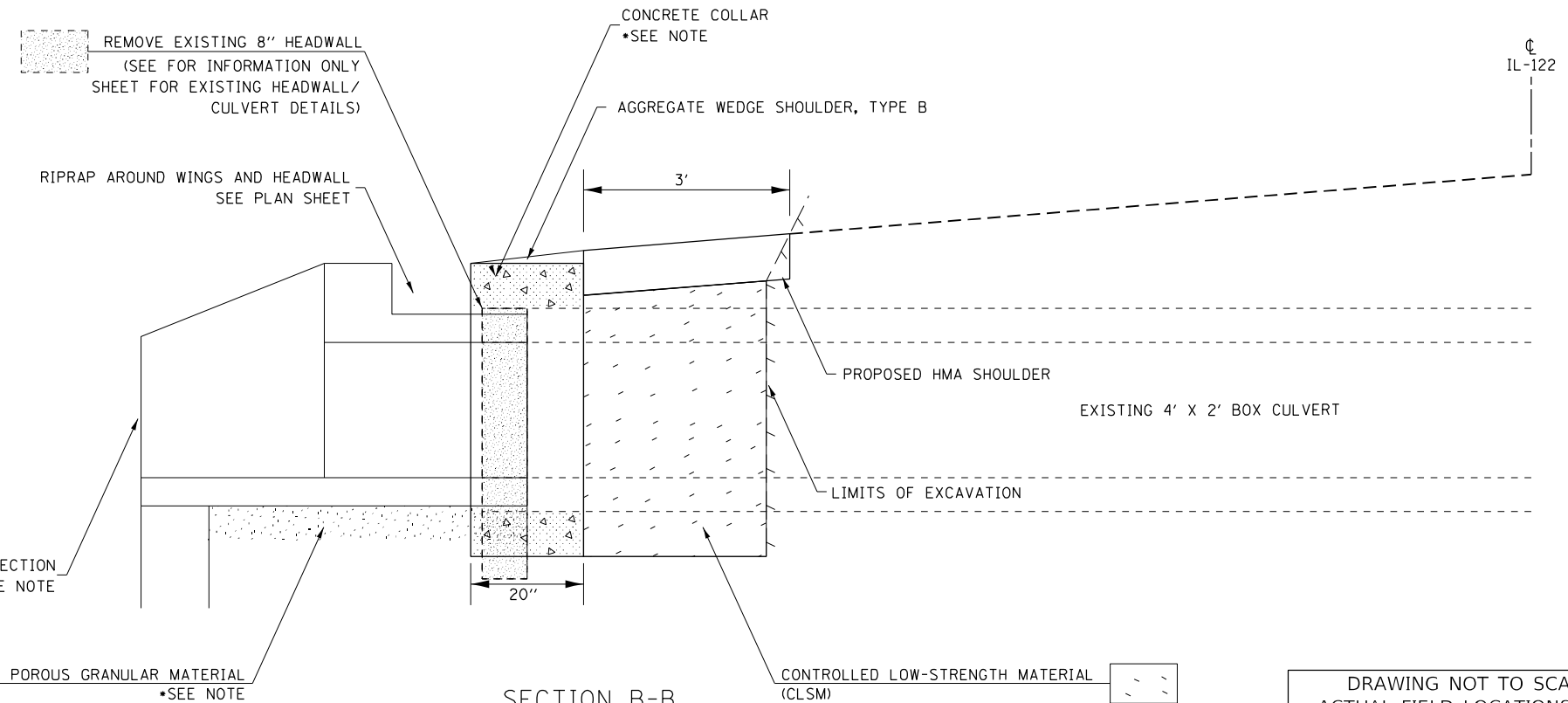


PROPOSED COLLAR
END VIEW

COLLAR DIMENSIONS/QUANTITIES								
A	B	C	D	CLASS SI CONCRETE CU. YD.	REINFORCEMENT BARS			
INCH	INCH	INCH	INCH		X	Y	TOTAL # REQ'D	TOTAL POUNDS
76	52	60	36	0.8	66	27.5	8	42



SECTION A-A



SECTION B-B
FROM GENERAL PLAN SHEET

GENERAL NOTES

1. The collar shall be constructed entirely of CLASS SI CONCRETE and in accordance with the applicable portions of Section 503 of the Standard Specifications. Reinforcement bars shall conform to Section 508.
2. This work will be paid for by the cubic yard (cubic meter) for CONCRETE COLLAR and by the pound (kg) for REINFORCEMENT BARS.

SPECIAL NOTES

1. Existing cover on the box culvert and end section is minimal. Care shall be taken to finish the proposed collar below the elevation at edge of the proposed shoulder.
2. TRAFFIC CONTROL SURVEILLANCE shall be used per Article 701.01
3. A minimum 6" of POROUS GRANULAR MATERIAL shall be used as bedding per Section 540. This will be included in the cost of PRECAST BOX CULVERT END SECTION.
4. Use PRECAST BOX CULVERT END SECTION with $T_b = 5"$. See PRECAST CONCRETE BOX CULVERT APRON END SECTION DETAIL sheets.

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

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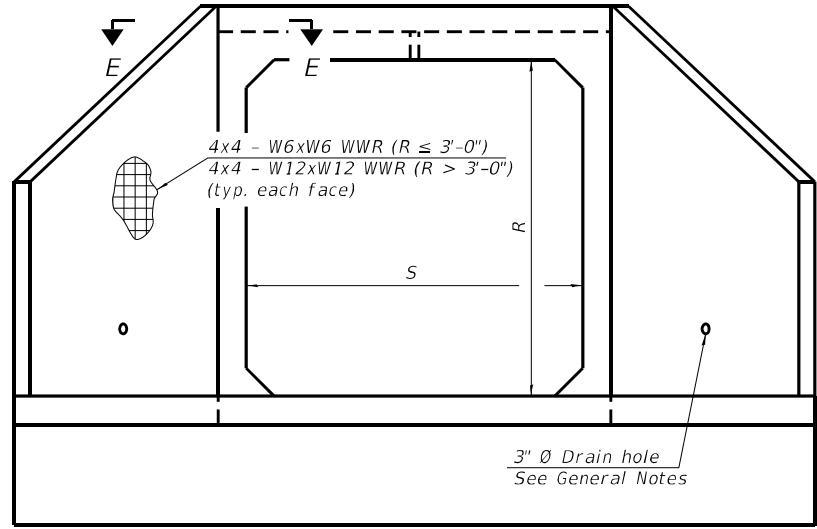
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

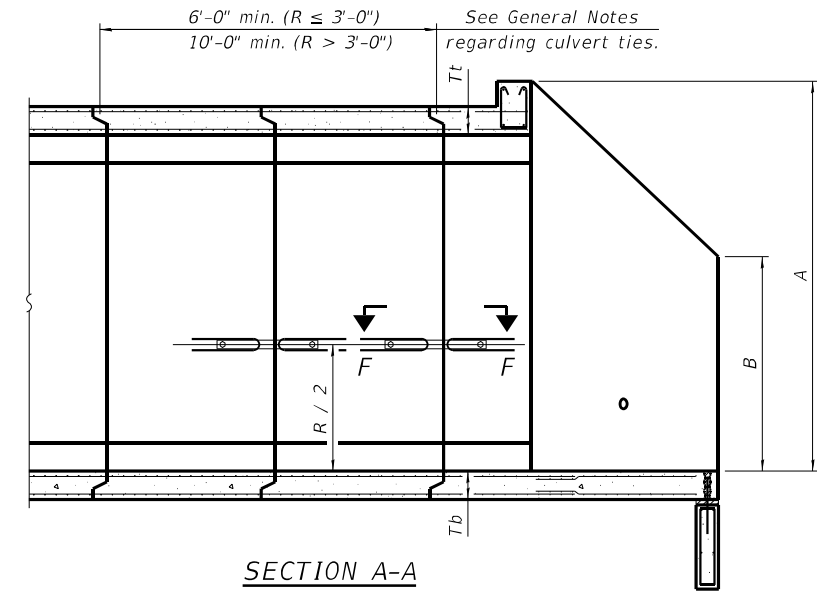
COLLAR DETAIL

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(R)RS-2;126RS-3	TAZEWELL	63	49
CONTRACT NO. 68J08				
ILLINOIS FED. AID PROJECT				



END VIEW



SECTION A-A

GENERAL NOTES

Box Culvert End Sections shall be constructed according to the requirements of Section 540 of the Standard Specifications except as modified herein. End sections will be paid for at the contract unit price per each for Box Culvert End Sections.

The Contractor may furnish the end section as a single precast concrete piece or construct the end section in the field using cast-in-place (CIP) construction. For CIP construction, the bottom slab thickness shall be increased by 2" and the clear cover to the bottom mat of reinforcement shall be increased to 3".

Box section dimensions, materials, and reinforcement details for Box Culvert End Sections shall be according to the requirements for ASTM C 1577 as required for the design of the portion of the culvert within the limits of Precast Concrete Box Culverts except as modified herein.

The number of culvert ties shall be sufficient to engage the minimum length of culvert barrel shown within the pay limits for Precast Concrete Box Culverts and will be dependent upon the length of box culvert segments furnished by the Contractor. Culvert ties are not required for box culverts having a rise (R) less than or equal to 3 ft and a span (S) greater than or equal to 10 ft.

All costs associated with furnishing and installing or constructing the toewall and culvert ties will not be measured for payment but shall be included in the unit price for Box Culvert End Sections of the culvert number specified.

Shop drawings that detail slab thickness and reinforcement layout for the Box Culvert End Sections shall be provided to the Engineer for review and approval. Reinforcement bars not detailed herein shall be detailed with a clear distance at the end of the reinforcement not less than 1/2" nor more than 2". For the precast option, it shall be the Contractor's responsibility for determining a method of handling and a construction procedure shall be included on the shop drawings. The Contractor shall determine and detail in the shop drawings any necessary strengthening or stiffening provisions necessary to handle the precast segment. Any required modifications shall be at no extra charge.

The Contractor may use reinforcement bars in lieu of welded wire reinforcement (WWR). Reinforcement bars shall be limited to the sizes of #3 through #5 bars, a maximum spacing of the lesser of 8" or the member thickness, and shall result in an area of reinforcement equal to or greater than that provided by the WWR. Minimum lap lengths detailed herein are applicable to WWR and reinforcement bars.

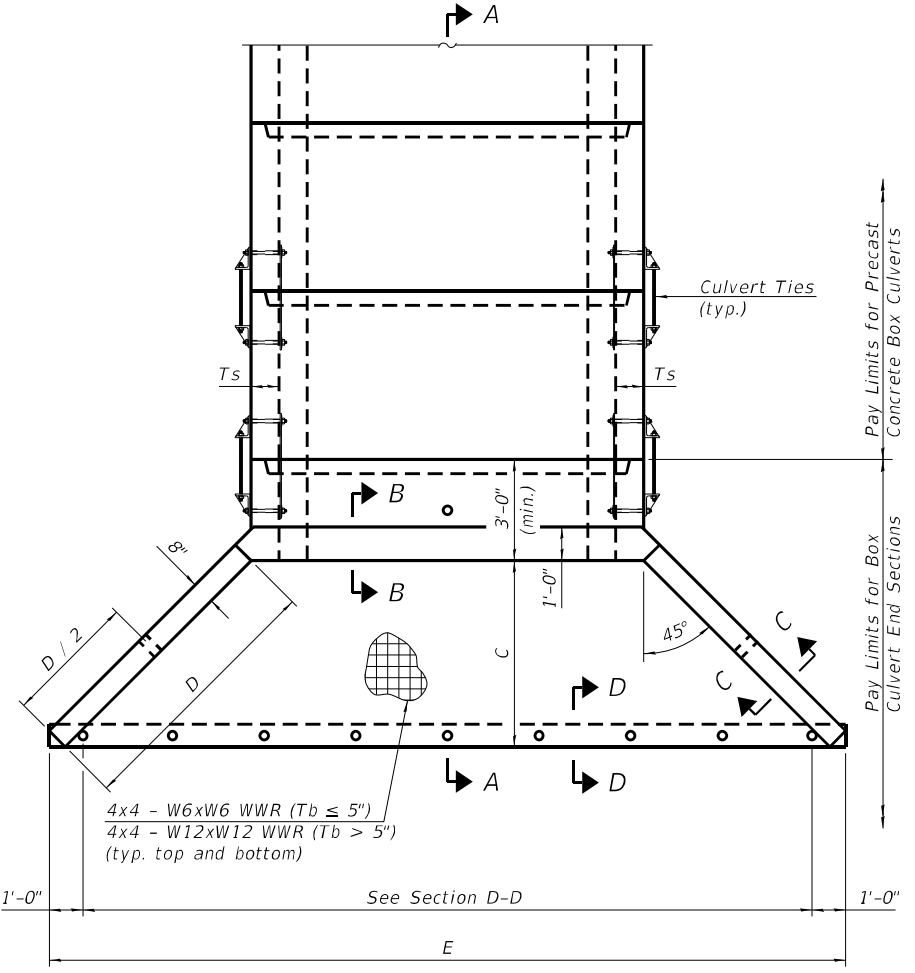
Reinforcement (circumferential and longitudinal) in the culvert barrel portion of the end section being lapped with reinforcement from the wingwalls or bottom slab of the end section shall not be less than that required by ASTM C 1577 for the design fill height or the reinforcement detailed for the end section, whichever is greater.

One drain hole shall be provided in each wingwall for end sections of box culverts having an opening with a clear rise greater than 3 ft. The drain hole shall be located within the lower 1/3 of the clear rise of the box culvert and shall conform to the requirements of Article 503.11 of the Standard Specifications.

APRON END SECTION DIMENSIONS

Span (S)	Rise (R)	Tt	Tb	Ts	A	B	C	D	E	Concrete Cu. Yd.	Culvert Ties Required
3'-0"	2'-0"	7"	6"	4"	3'-4"	2'-2"	2'-10 5/8"	4'-1"	10'-4 3/8"	2.8	Yes
3'-0"	2'-0"	4"	4"	4"	3'-1"	2'-1"	2'-7 7/8"	3'-9"	9'-11"	2.3	Yes
3'-0"	3'-0"	7"	6"	4"	4'-4"	2'-8"	3'-10 3/8"	5'-6"	12'-4 3/8"	3.7	Yes
3'-0"	3'-0"	4"	4"	4"	4'-1"	2'-7"	3'-7 7/8"	5'-2"	11'-11"	3.1	Yes
4'-0"	2'-0"	7.5"	6"	5"	3'-4 1/2"	2'-2 1/2"	2'-11 3/8"	4'-2"	11'-8"	3.3	Yes
4'-0"	2'-0"	5"	5"	5"	3'-2"	2'-1"	2'-8 1/2"	3'-10"	11'-2 3/8"	2.8	Yes
4'-0"	3'-0"	7.5"	6"	5"	4'-4 1/2"	2'-8 1/2"	3'-11 3/8"	5'-7"	13'-8 1/8"	4.2	Yes
4'-0"	3'-0"	5"	5"	5"	4'-2"	2'-7"	3'-8 1/2"	5'-3"	13'-2 3/8"	3.7	Yes
4'-0"	4'-0"	7.5"	6"	5"	5'-4 1/2"	3'-2 1/2"	4'-11 3/8"	7'-0"	15'-8 1/8"	5.3	Yes
4'-0"	4'-0"	5"	5"	5"	5'-2"	3'-1"	4'-8 3/8"	6'-8"	15'-2 1/2"	4.7	Yes
5'-0"	2'-0"	8"	7"	6"	3'-5"	2'-3"	2'-11 3/8"	4'-2"	12'-10"	3.9	Yes
5'-0"	2'-0"	6"	6"	6"	3'-3"	2'-2"	2'-10"	4'-0"	12'-7 1/4"	3.5	Yes
5'-0"	3'-0"	8"	7"	6"	4'-5"	2'-9"	3'-11 3/8"	5'-7"	14'-10 1/8"	4.9	Yes
5'-0"	3'-0"	6"	6"	6"	4'-3"	2'-8"	3'-10"	5'-5"	14'-7 1/4"	4.5	Yes
5'-0"	4'-0"	8"	7"	6"	5'-5"	3'-3"	4'-11 3/8"	7'-0"	16'-10 1/8"	6.1	Yes
5'-0"	4'-0"	6"	6"	6"	5'-3"	3'-2"	4'-9 1/4"	6'-9"	16'-5 1/8"	5.5	Yes
5'-0"	5'-0"	8"	7"	6"	6'-5"	3'-9"	5'-11 3/8"	8'-5"	18'-10 1/8"	7.4	Yes
5'-0"	5'-0"	6"	6"	6"	6'-3"	3'-8"	5'-9 1/4"	8'-2"	18'-5 1/8"	6.8	Yes
6'-0"	2'-0"	8"	7"	7"	3'-5"	2'-3"	2'-11 3/8"	4'-2"	14'-0"	4.3	Yes
6'-0"	2'-0"	7"	7"	7"	3'-4"	2'-2"	2'-10 5/8"	4'-1"	13'-10 3/8"	4.2	Yes
6'-0"	3'-0"	8"	7"	7"	4'-5"	2'-9"	3'-11 3/8"	5'-7"	16'-0 1/8"	5.4	Yes
6'-0"	3'-0"	7"	7"	7"	4'-4"	2'-8"	3'-10 3/8"	5'-6"	15'-10 3/8"	5.2	Yes
6'-0"	4'-0"	8"	7"	7"	5'-5"	3'-3"	4'-11 3/8"	7'-0"	18'-0 1/8"	6.5	Yes
6'-0"	4'-0"	7"	7"	7"	5'-4"	3'-2"	4'-10 3/4"	6'-11"	17'-10 3/4"	6.5	Yes
6'-0"	5'-0"	8"	7"	7"	6'-5"	3'-9"	5'-11 3/8"	8'-5"	20'-0 1/8"	8.0	Yes
6'-0"	5'-0"	7"	7"	7"	6'-4"	3'-8"	5'-10 3/4"	8'-4"	19'-10 3/4"	7.8	Yes
6'-0"	6'-0"	8"	7"	7"	7'-5"	4'-3"	6'-11 1/2"	9'-10"	22'-0 1/4"	9.5	Yes
6'-0"	6'-0"	7"	7"	7"	7'-4"	4'-2"	6'-10 3/4"	9'-9"	21'-10 3/4"	9.3	Yes
7'-0"	2'-0"	8"	8"	8"	3'-5"	2'-3"	2'-11 3/8"	4'-2"	15'-2"	4.9	Yes
7'-0"	3'-0"	8"	8"	8"	4'-5"	2'-9"	3'-11 3/8"	5'-7"	17'-2 1/8"	6.1	Yes
7'-0"	4'-0"	8"	8"	8"	5'-5"	3'-3"	4'-11 3/8"	7'-0"	19'-2 1/8"	7.4	Yes
7'-0"	5'-0"	8"	8"	8"	6'-5"	3'-9"	5'-11 3/8"	8'-5"	21'-2 1/8"	8.9	Yes
7'-0"	6'-0"	8"	8"	8"	7'-5"	4'-3"	6'-11 1/2"	9'-10"	23'-2 1/4"	10.6	Yes
8'-0"	2'-0"	8"	8"	8"	3'-5"	2'-3"	2'-11 3/8"	4'-2"	16'-2"	5.3	Yes
8'-0"	3'-0"	8"	8"	8"	4'-5"	2'-9"	3'-11 3/8"	5'-7"	18'-2 1/8"	6.5	Yes
8'-0"	4'-0"	8"	8"	8"	5'-5"	3'-3"	4'-11 3/8"	7'-0"	20'-2 1/8"	7.8	Yes
8'-0"	5'-0"	8"	8"	8"	6'-5"	3'-9"	5'-11 3/8"	8'-5"	22'-2 1/8"	9.3	Yes
8'-0"	6'-0"	8"	8"	8"	7'-5"	4'-3"	6'-11 1/2"	9'-10"	24'-2 1/4"	11.0	Yes
9'-0"	2'-0"	9"	9"	9"	3'-6"	2'-3"	3'-0 3/4"	4'-4"	17'-6 3/8"	6.2	Yes
9'-0"	3'-0"	9"	9"	9"	4'-6"	2'-9"	4'-0 3/4"	5'-9"	19'-6 3/8"	7.5	Yes
9'-0"	4'-0"	9"	9"	9"	5'-6"	3'-3"	5'-0 3/4"	7'-2"	21'-6 3/8"	9.0	Yes
9'-0"	5'-0"	9"	9"	9"	6'-6"	3'-9"	6'-0 3/8"	8'-7"	23'-7"	10.6	Yes
9'-0"	6'-0"	9"	9"	9"	7'-6"	4'-3"	7'-0 3/8"	9'-11"	25'-5 3/8"	12.4	Yes
10'-0"	2'-0"	10"	10"	10"	3'-7"	2'-4"	3'-1 1/2"	4'-5"	18'-10 1/4"	7.1	No
10'-0"	3'-0"	10"	10"	10"	4'-7"	2'-10"	4'-1 1/2"	5'-10"	20'-10 1/4"	8.6	No
10'-0"	4'-0"	10"	10"	10"	5'-7"	3'-4"	5'-1 1/2"	7'-3"	22'-10 3/8"	10.2	Yes
10'-0"	5'-0"	10"	10"	10"	6'-7"	3'-10"	6'-1 1/2"	8'-8"	24'-10 3/8"	12.0	Yes
10'-0"	6'-0"	10"	10"	10"	7'-7"	4'-4"	7'-1 1/2"	10'-1"	26'-10 3/8"	13.9	Yes
11'-0"	2'-0"	11"	11"	11"	3'-8"	2'-4"	3'-2 7/8"	4'-7"	20'-3 3/8"	8.2	No
11'-0"	3'-0"	11"	11"	11"	4'-8"	2'-10"	4'-2 7/8"	6'-0"	22'-3 3/8"	9.8	No
11'-0"	4'-0"	11"	11"	11"	5'-8"	3'-4"	5'-2 7/8"	7'-4"	24'-1 3/4"	11.5	Yes
11'-0"	5'-0"	11"	11"	11"	6'-8"	3'-10"	6'-2 7/8"	8'-9"	26'-1 3/4"	13.3	Yes
11'-0"	6'-0"	11"	11"	11"	7'-8"	4'-4"	7'-2 7/8"	10'-2"	28'-1 1/8"	15.5	Yes
12'-0"	2'-0"	12"	12"	12"	3'-9"	2'-5"	3'-3 3/8"	4'-8"	21'-6 1/2"	9.3	No
12'-0"	3'-0"	12"	12"	12"	4'-9"	2'-11"	4'-3 3/8"	6'-1"	23'-6 1/2"	11.1	No
12'-0"	4'-0"	12"	12"	12"	5'-9"	3'-5"	5'-3 3/8"	7'-6"	25'-6 3/8"	13.0	Yes
12'-0"	5'-0"	12"	12"	12"	6'-9"	3'-11"	6'-3 3/8"	8'-11"	27'-6 3/8"	14.1	Yes
12'-0"	6'-0"	12"	12"	12"	7'-9"	4'-5"	7'-3 3/8"	10'-4"	29'-6 3/8"	17.4	Yes

Note:
Two sets of apron end section dimensions are shown above for some box culvert sizes due to the top and bottom slabs having different thicknesses per ASTM C 1577 for design fill heights less than 2 ft.
(Sheet 1 of 2)



PLAN

SCB-AES 2-17-2017

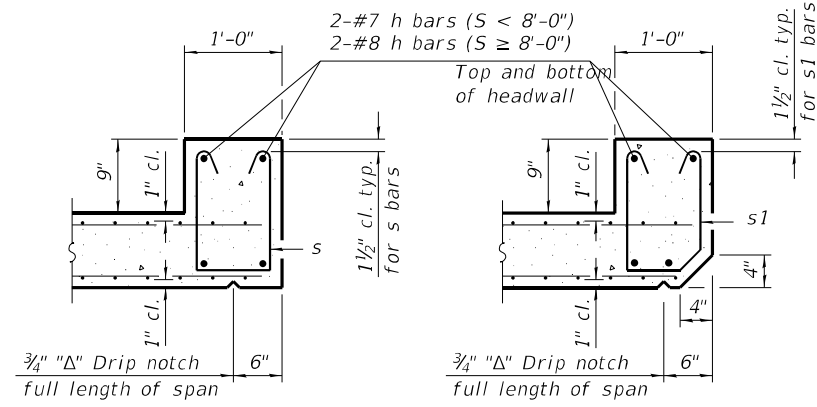
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	DRAWN -	REVISED -
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PLOT DATE = 3/22/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PRECAST CONCRETE BOX CULVERT APRON END
SECTION DETAILS - STRUCTURE NO.

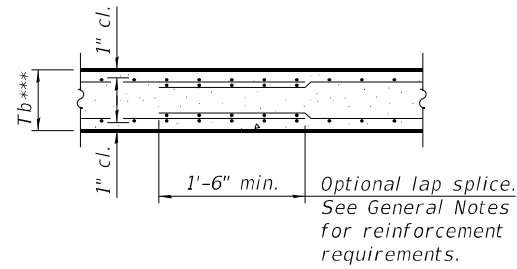
SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(R)RS-2:126RS-3	TAZEWELL	63	50
CONTRACT NO. 68J08				
ILLINOIS FED. AID PROJECT				



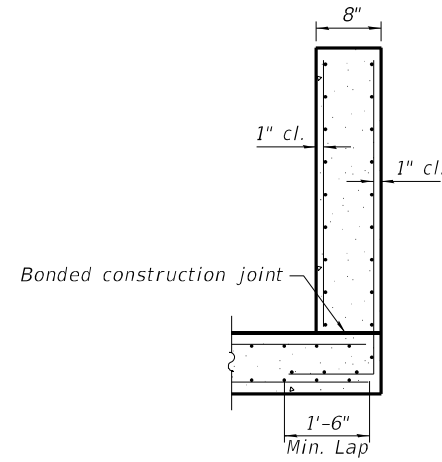
SECTION B-B
(Top slab at downstream end)

SECTION B-B
(Top slab at upstream end)

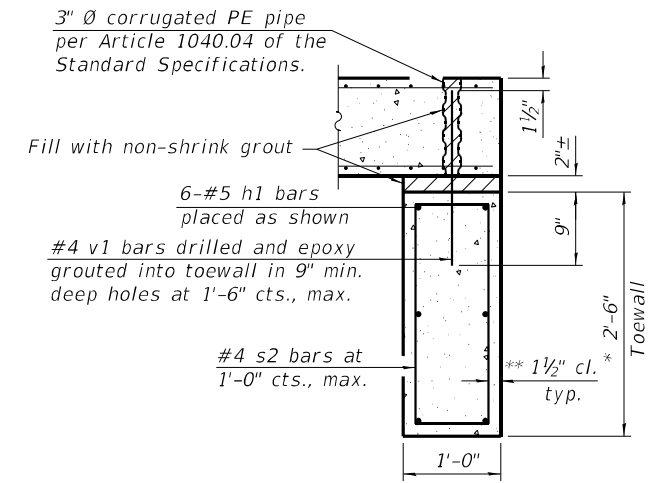


SECTION B-B
(Bottom Slab)

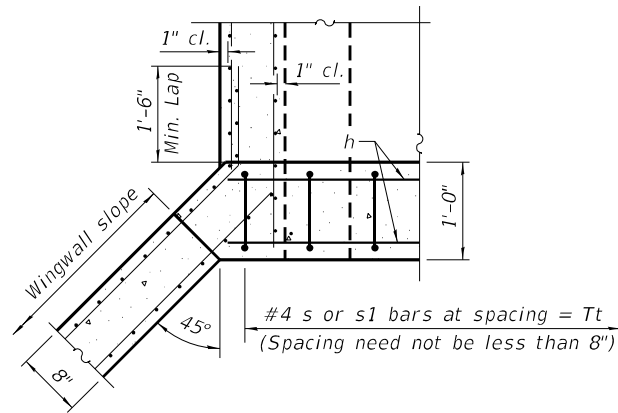
*** This dimension shall be increased by 2" for CIP construction.



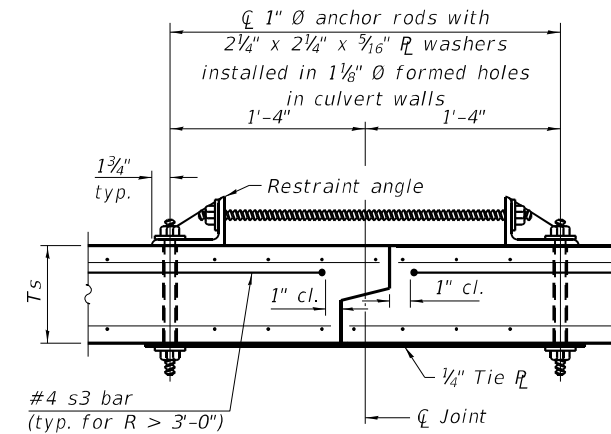
SECTION C-C



SECTION D-D



SECTION E-E



SECTION F-F
(Showing culvert tie details)

TOEWALL CONSTRUCTION SEQUENCE

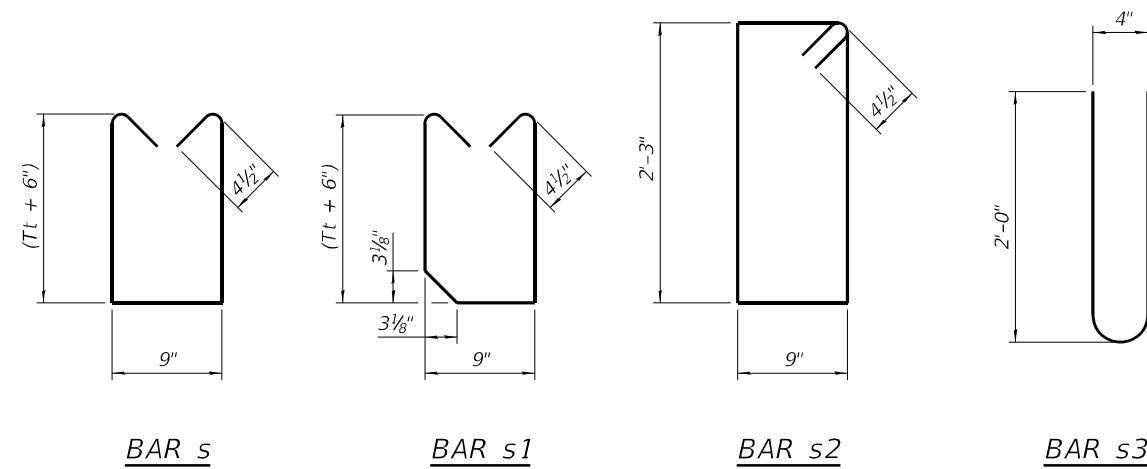
1. Perform excavation and construct toewall.
2. Backfill accordingly and place bedding for precast box culvert end sections.
3. Set precast box culvert end section.
4. Drill and epoxy grout reinforcement in toewall in accordance with Section 584 of the Standard Specifications.
5. Pressure grout voids using non-shrink grout conforming to Section 1024 of the Standard Specifications.

* The Contractor may furnish a precast or cast-in-place toewall. The Contractor shall be responsible for the strength and stability of the precast toewall during handling. Additional lifting points may be required depending upon the length of the toewall or the Contractor may need to modify the design of the toewall for the proposed handling method.

** If soil conditions permit, the sides of the toewall may be poured directly against the soil. The clear cover on the sides of the toewall shall be increased to 3" by increasing the thickness of the toewall.

Notes:

1" Ø anchor rods for the culvert ties shall conform to the requirements of ASTM F1554, Grade 105. Structural steel for the tie plate and restraint angle shall conform to the requirements of Article 1006.04 of the Standard Specifications. All components of the culvert tie detail shall be galvanized according to the requirements of AASHTO M 111 or M 232 as applicable. 2 1/4" x 2 1/4" x 5/16" plate washers shall be provided under each nut required for the anchor rods. Anchor rods connecting precast sections shall be brought to a snug tight condition followed by an additional 1/2 turn on one of the nuts for anchor rods installed in the walls. Match marks shall be provided on the bolt and nut to verify relative rotation between the bolt and the nut. Holes in the walls for the culvert tie assembly may be drilled using core bits in lieu of using formed holes.

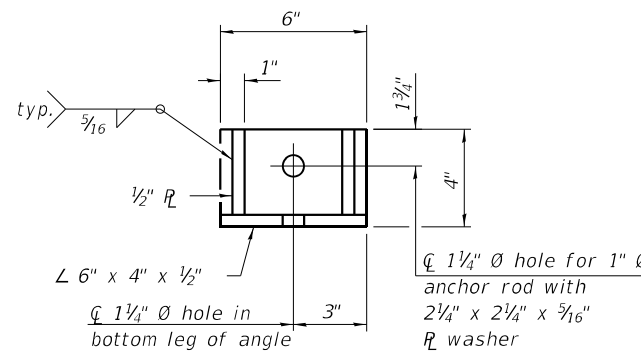


BAR s

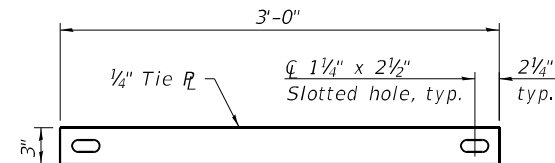
BAR s1

BAR s2

BAR s3



RESTRAINT ANGLE DETAIL



TIE PLATE DETAIL

SCB-AES

2-17-2017

(Sheet 2 of 2)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PRECAST CONCRETE BOX CULVERT APRON END
SECTION DETAILS - STRUCTURE NO.

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

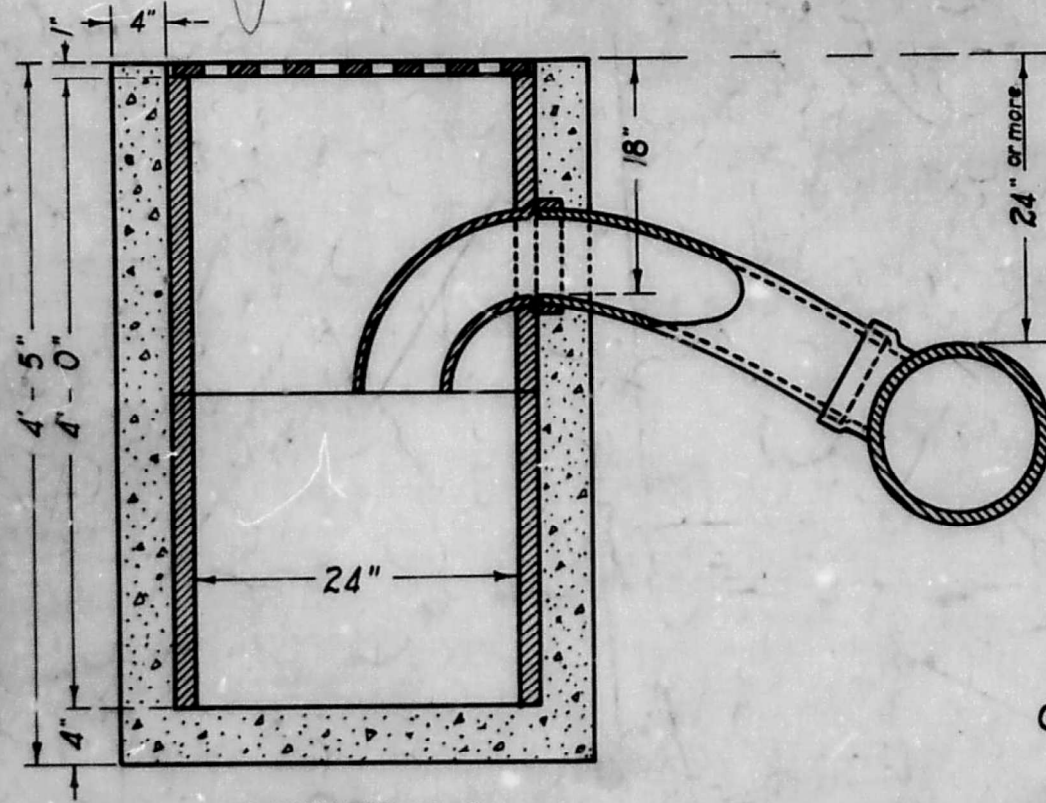
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(R)RS-2;126RS-3	TAZEWELL	63	51
CONTRACT NO. 68J08				

ILLINOIS FED. AID PROJECT

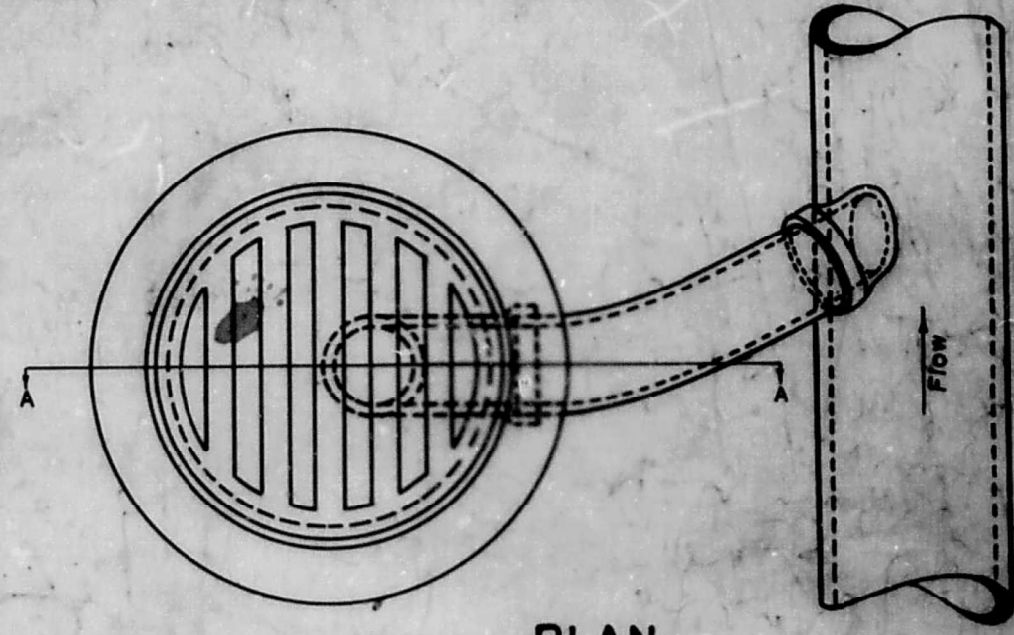
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STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

Void



SECTION A-A



PLAN

Class X concrete shall be used throughout.

For Catch Basins, use vitrified sewer pipes, select seconds

STANDARD DESIGN
FOR
VITRIFIED PIPE
CATCH BASIN

EXAMINED March 14, 1921
G. J. Burch
BRIDGE ENGINEER

PASSED Frank J. Sheets
ENGINEER OF DESIGN

APPROVED Clifford Older
CHIEF HIGHWAY ENGINEER

Revised 3-19-30 Class A changed to Class X proportions of mix taken out.

79!

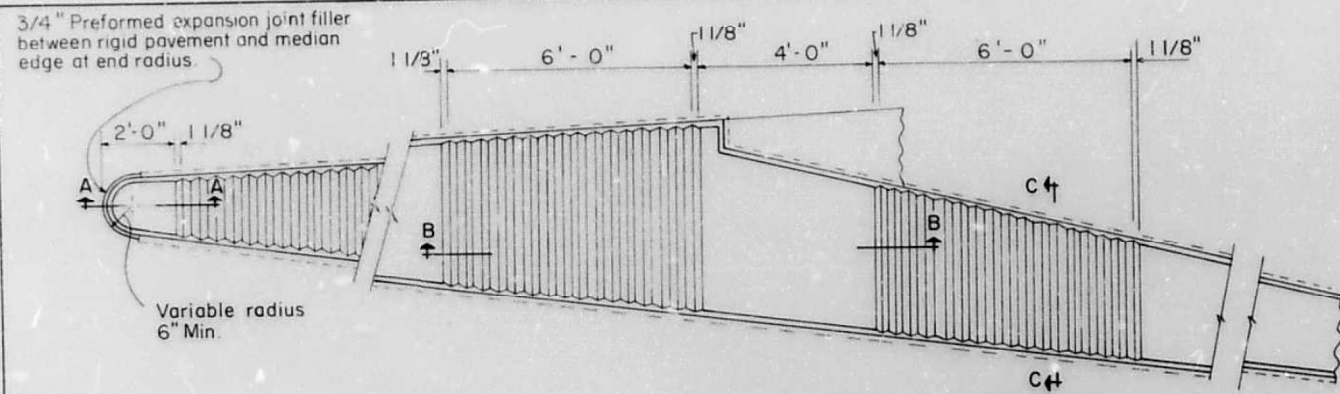
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	DRAWN -	REVISED -
PLOT SCALE = 1:100	CHECKED -	REVISED -
PLOT DATE = 3/22/2024	DATE -	REVISED -

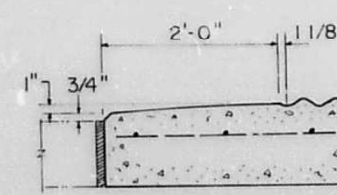
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FOR INFORMATION ONLY			
SCALE:	SHEET 1	OF 4 SHEETS	STA. TO STA.

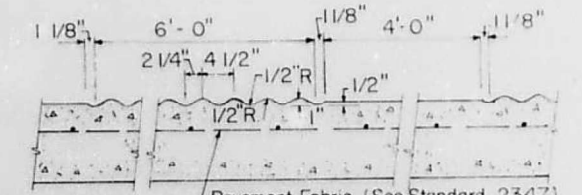
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(R)RS-2:126RS-3	TAZEWELL	63	52
CONTRACT NO. 68J08				
ILLINOIS FED. AID PROJECT				



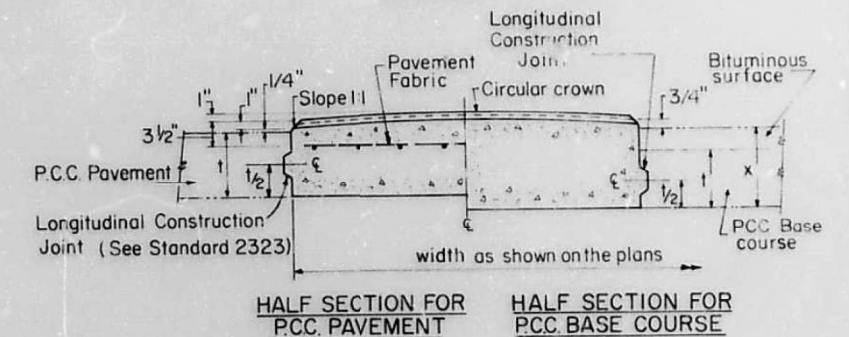
PLAN CORRUGATED MEDIAN



SECTION A-A



SECTION B-B

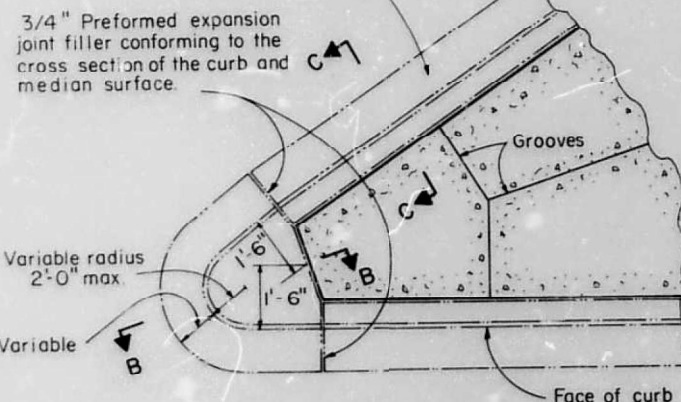


HALF SECTION FOR P.C.C. PAVEMENT / HALF SECTION FOR P.C.C. BASE COURSE

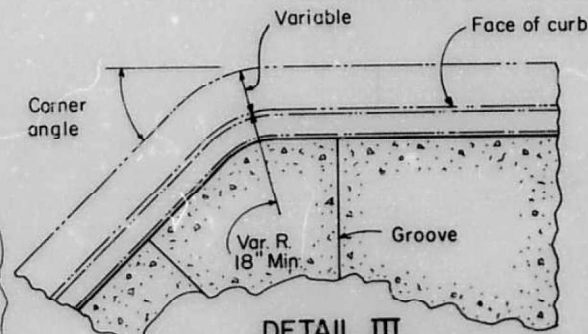
SECTION C-C

Gutter flag to slope the same as pavement when drainage is away from the median and as shown on the curb and gutter standard drawing when drainage is toward the median.

TYPE P MEDIAN SURFACE

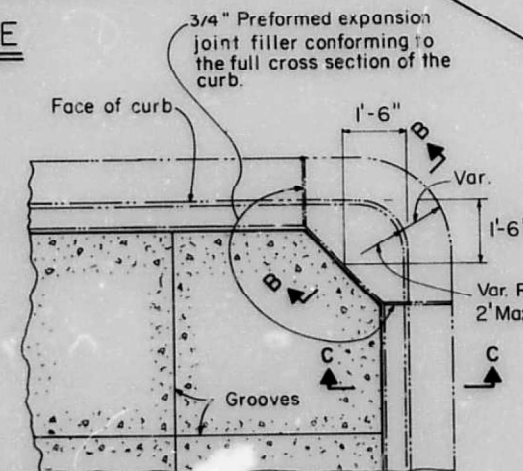


DETAIL I



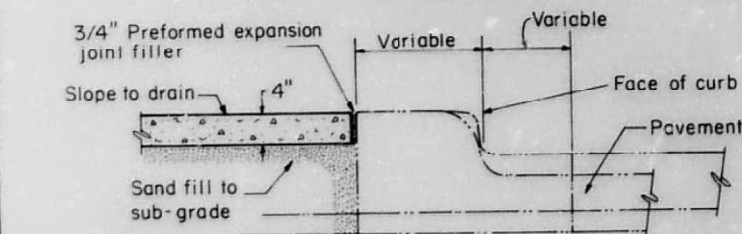
DETAIL III

TYPICAL DETAIL WHEN CORNER ANGLE IS LESS THAN 90° AND FOR OTHER CORNERS WITH RADIUS GREATER THAN 2 FEET.

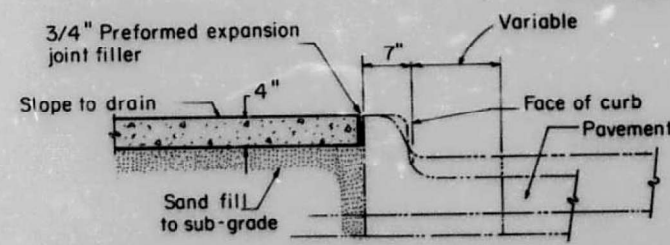


DETAIL II

TYPICAL DETAILS WHEN CORNER ANGLE IS 90° OR MORE WITH RADIUS OF 2 FEET OR LESS.

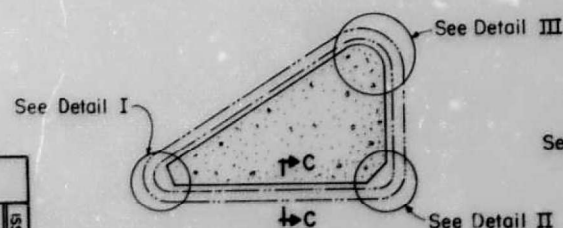


SECTION B-B

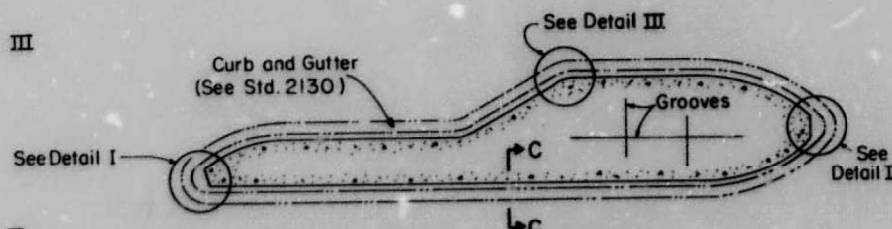


SECTION C-C

Illinois Department of Transportation
 PASSED June 20, 1984
 APPROVED June 20, 1984
 ISSUED 5/25/84



TYPICAL PLAN OF ISLAND



TYPICAL PLAN OF MEDIAN

Note: See sheet 2 for details of ramped noses.

NOTES

Plan views of medians shown are typical. Median layout and radii shall be as shown on the plans.

Expansion Joints - Preformed expansion joint filler, 3/4 inch thick, conforming to the full cross section of the median surface shall be placed at intervals of 30 feet in the median surface. (one minimum)

Grooves - 1 inch deep grooves shall be placed into the plastic concrete at 10 foot maximum intervals, both transversely and longitudinally. Grooves shall also be placed to the corner points of all holes boxed out for sign and signal posts.

Drainage Openings - One 3/4 inch Ø plastic tube shall be cast thru the back of the curb at 100 foot intervals on the low side or sides of the median and two at the low end.

Sand fill shall be select material (FA 1 or FA 2), placed in 4 inch layers, loose measure, and compacted to the satisfaction of the Engineer.

The Type P Median 4 inch concrete surface shall be constructed in accordance with the applicable provisions of Section 624 of the Standard Specifications. This work shall be measured in place, and the area computed in square feet; payment will be made at the contract unit price per square foot for CONCRETE MEDIAN SURFACE, 4 INCH which price shall include the cost of furnishing and placing the expansion joints, grooves and sand fill.

The curb and gutter adjacent to the Type P Median surface shall be constructed and paid for in accordance with Section 616 of the Standard Specifications, which price shall include the cost of providing the solid concrete noses as shown.

CONCRETE MEDIANS
 (TYPE P SURFACE & CORRUGATED)
 Sheet 1 of 2
 STANDARD 2122-12

(Full Size) D.W.W. SR.

A-7061

USER NAME = SUSERS	DESIGNED -	REVISED -
PLOT SCALE = 1:100	DRAWN -	REVISED -
PLOT DATE = 3/22/2024	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

FOR INFORMATION ONLY
SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

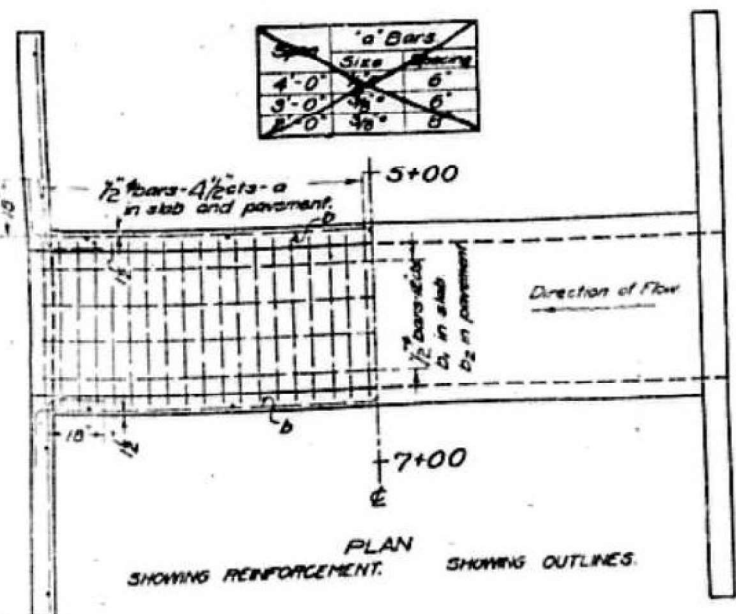
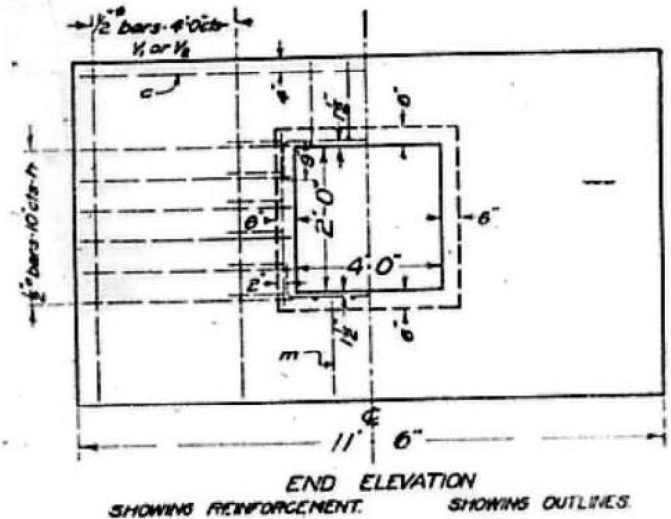
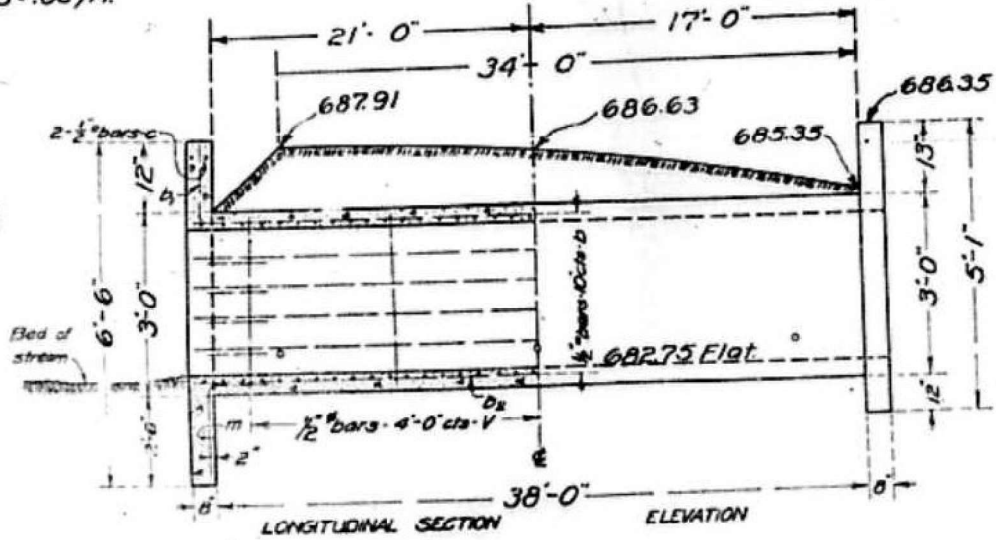
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(R)RS-2:126RS-3	TAZEWELL	63	53
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68J08	

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STATE OF ILLINOIS
STATE HIGHWAY DEPARTMENT
REINFORCED CONCRETE BOX CULVERT

BOND ISSUE ROUTE NO.	SEC.	COUNTY	SHEETS	NO.
122	C126	Tazewell	33	27
FED. ROAD DIST. NO. 7 ILLINOIS			FED. AID PROJECT NO. 153	

Curve Left
R = 1011.51
S = .081/ft.



Size	Quantity
4'-0"	6
3'-0"	6
2'-0"	8

Note:
Fill over box should be limited to 4'-0"
Maximum Clearance = 4'-0"
Use "m" bars in downstream headwall only.

BILL OF MATERIAL

Bars	No.	Size	Length
v	20	1/2"	2'-9"
v	4	1/2"	6'-0"
v	4	1/2"	4'-6"
n	16	1/2"	5'-0"
a	210	1/2"	6'-0"
b	16	1/2"	22'-0"
b	8	1/2"	21'-6"
b	8	1/2"	20'-6"
c	4	1/2"	11'-3"
m	2	1/2"	5'-0"
Steel - Lbs			1540
Concrete - Cu Yds			12.8

Adjust height of U.S. headwall to be 12" above shoulder elevation.
Build tops of headwalls parallel to grade line.

Class X concrete to be used throughout
Proportioned as shown

STATION 6+00
STATE BOND ISSUE
ROUTE 122
SECTION 126
TAZEWELL COUNTY.

COMPUTED BY: J. A. Bangs
CHECKED BY: J. A. Bangs
DRAWN BY: J. A. Bangs
DESIGNED BY: J. A. Bangs

7.7. Burch Passed
BRIDGE ENGINEER
Engr. of Design

MODEL: Default
FILE: \MAILS_P\Subsect-aw-beadefw.com\FIN\DOT\Documents\DOT Office\Drawings\alprojects\104_68108\CADD\DATA\CAD\Sheet\104_68108-sh-h-Fin\104_68108.dwg

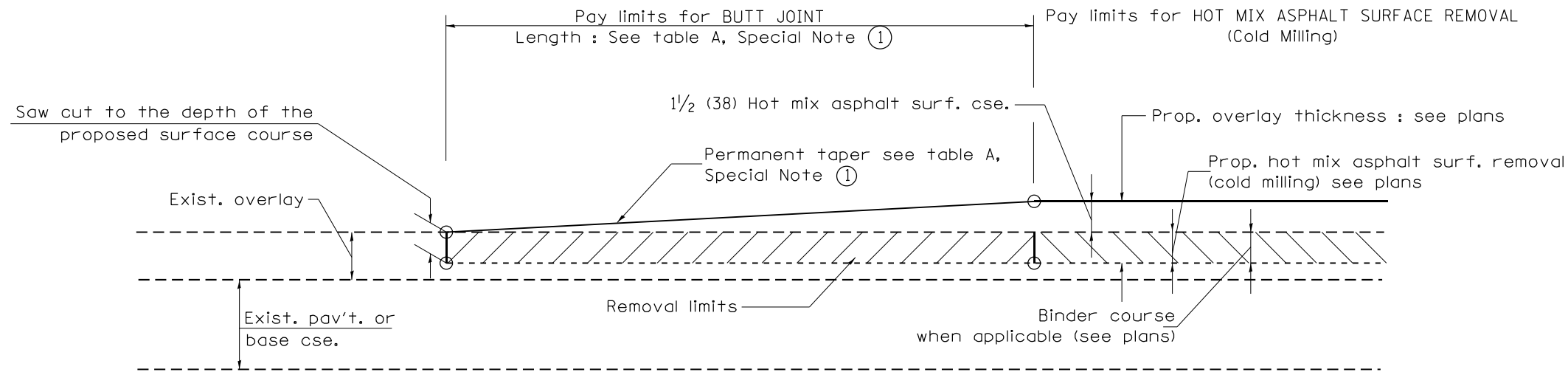
USER NAME = SUSERS	DESIGNED -	REVISED -
PLOT SCALE = 1:100	CHECKED -	REVISED -
PLOT DATE = 3/22/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FOR INFORMATION ONLY

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(R)RS-2;126RS-3	TAZEWELL	63	55
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68J08	



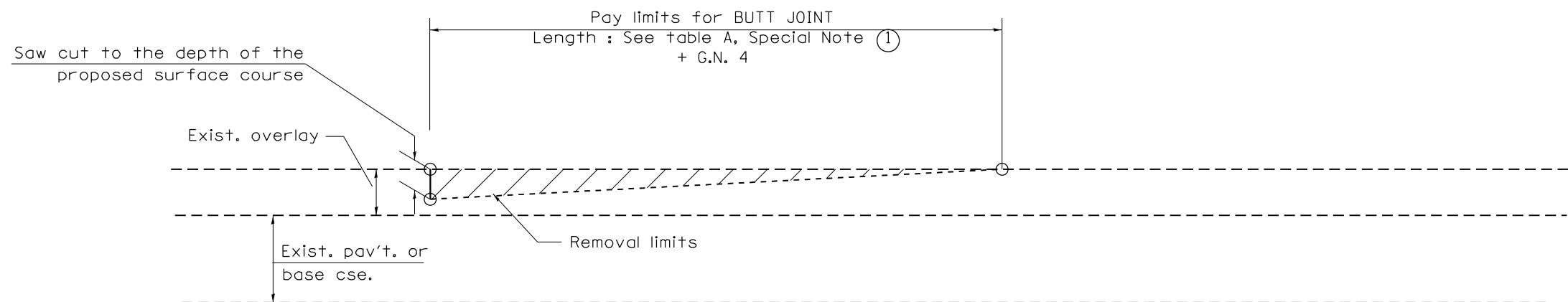
CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

**TABLE A
TAPER RATES**

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

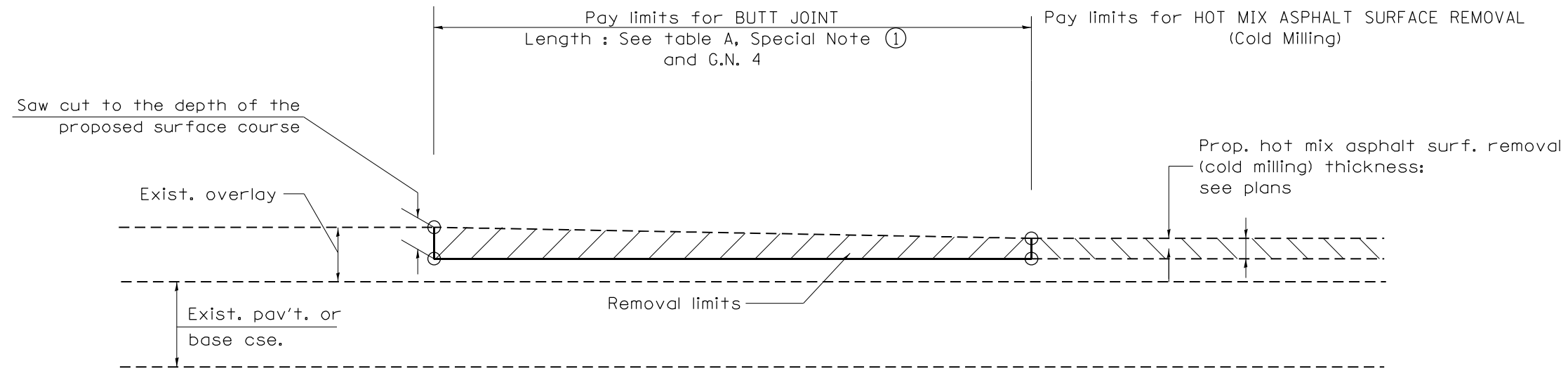
GENERAL NOTES

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

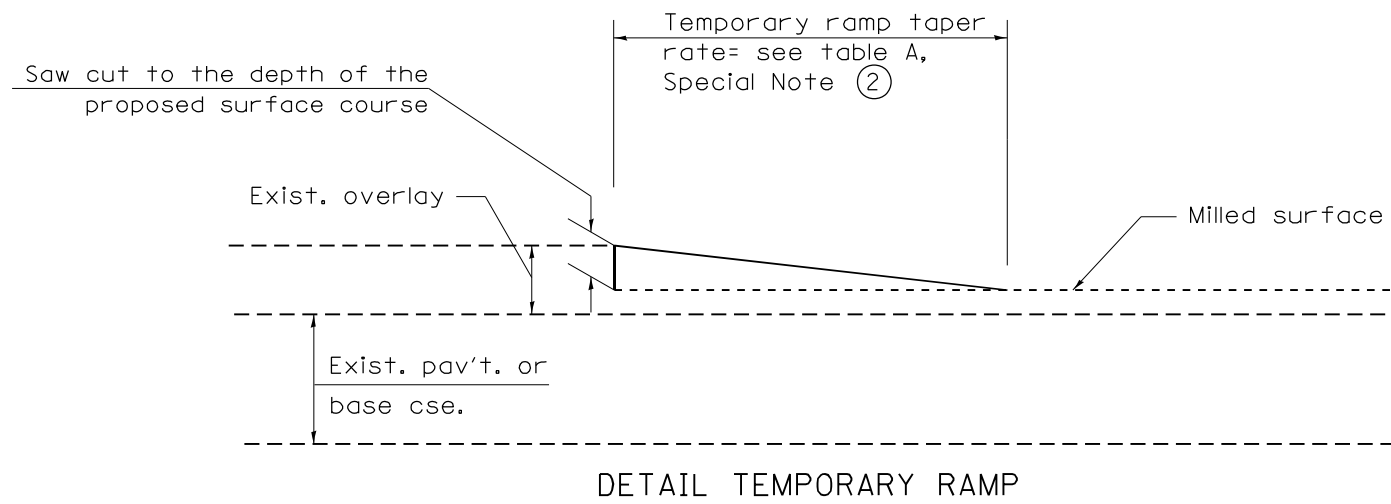


CASE 2 : NO HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

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

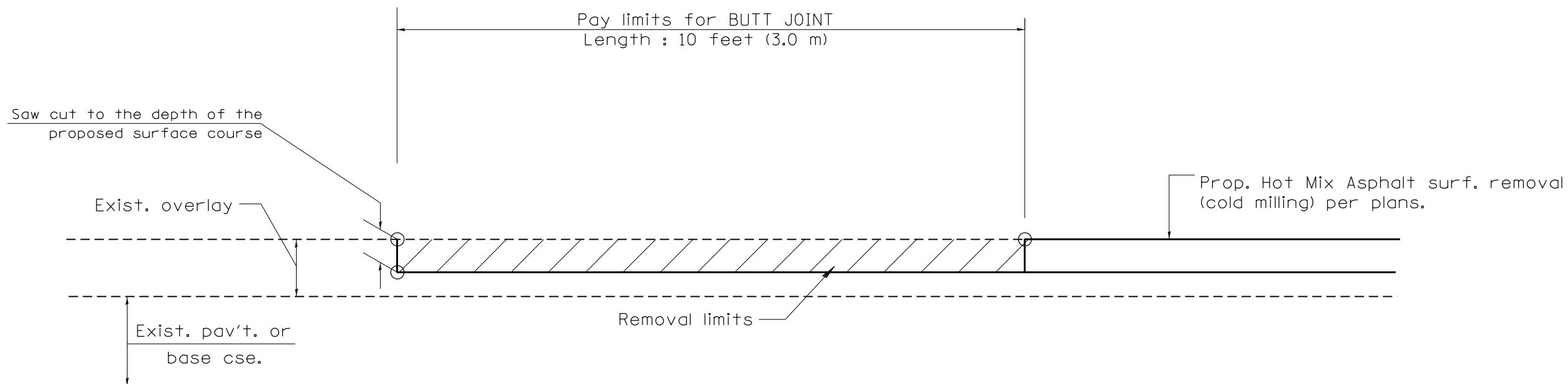


**CASE 3 : HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER**



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

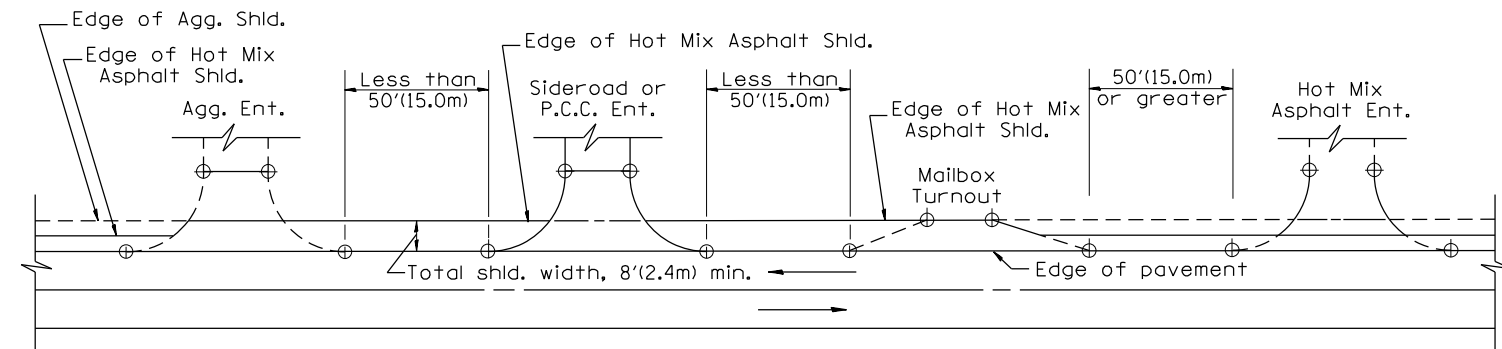
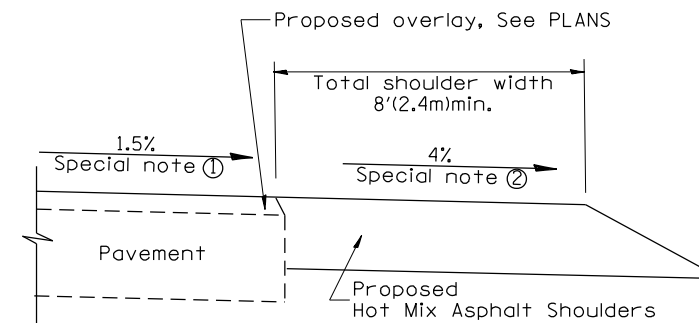
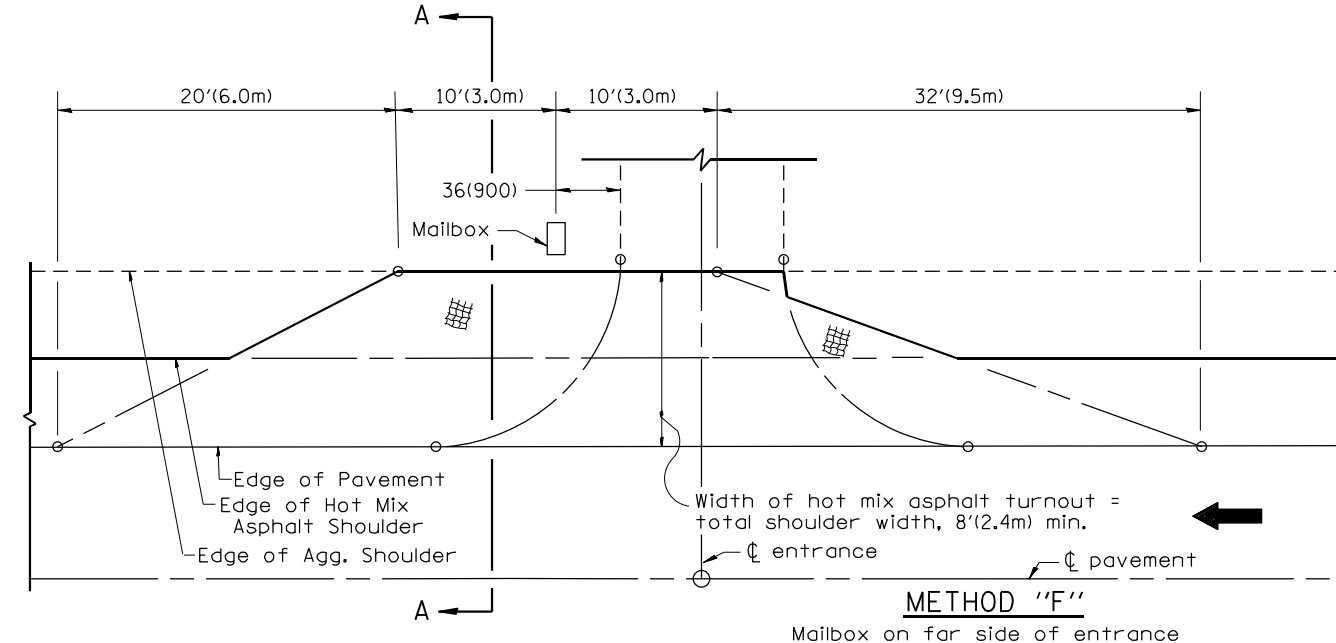
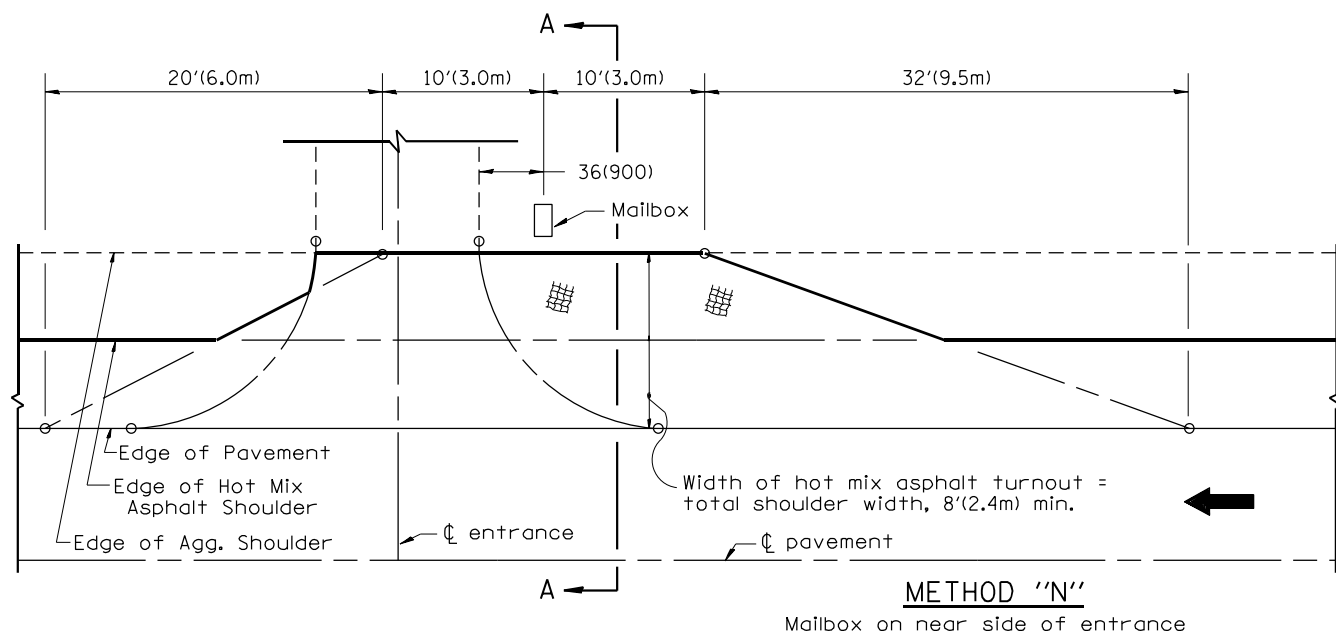
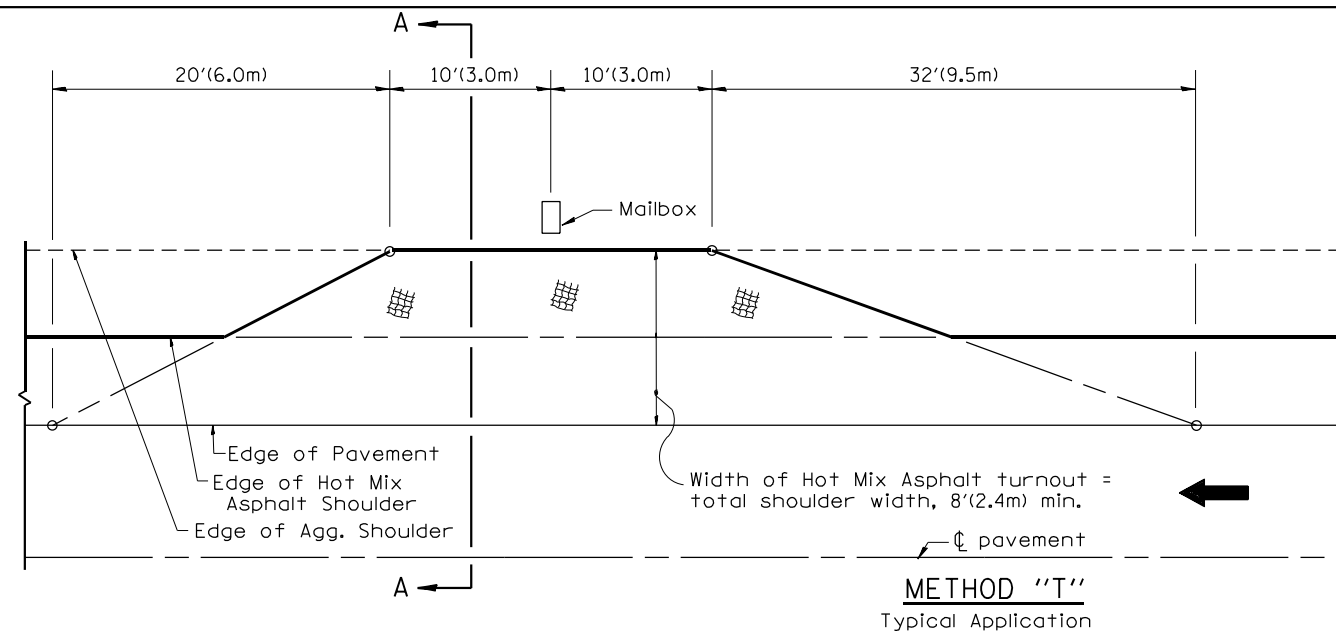
				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		BUTT JOINTS		SHT. 2 OF 3 CADD STD. 406101-D4	
				NOT TO SCALE				CONTRACT NO. 68J08	
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.					
705	(R)RS-2;126RS-3	TAZEWELL	63	57					
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT							



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

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

				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		BUTT JOINTS		SHT. 3 OF 3 CADD STD. 406101-D4	
				NOT TO SCALE				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.					
705	(R)RS-2;126RS-3	TAZEWELL	63	58					
				CONTRACT NO. 68J08					



SHOULDER TREATMENT FOR CLOSELY SPACED SIDEROADS, ENTRANCES, AND/OR MAILBOX TURNOUTS

GENERAL NOTES

- Mailbox turnouts shall slope away from the pavement edge at a rate equal to the shoulder slope. See SECTION A-A.
- The total shoulder width, 8'(2.4m) minimum, shall be paved between sideroads entrances and/or mailbox turnouts at locations where the distance between radius or taper control points is less than 50'(15.0m). See DETAIL A.
- Mailboxes shall be mounted such that the face of the mailbox is 6(150) to 12(300) and the post a minimum of 24(600) from the edge of the turnout surfacing.

SPECIAL NOTES

- The mainline pavement cross-slope is 1.5% for tangent alignment. See PLANS for cross-slope on superelevated horizontal curves.
- The shoulder slope shall control the turnout slope. The standard cross-slope is 4% for tangent alignment. Through superelevated curves, the maximum pavement-shoulder breakover should not be greater than 10% for shoulders 6'(1.8m) and wider and 12% for shoulders 4'(1.2m) and less. Where 12(300) paved shoulders are provided, the breakover should be at the edge of the paved shoulder rather than at the pavement edge.

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

01-01-97	RENUM. C-90.01, NEW REVISION BOX	T.P.
07-01-97	REVISE DESIGNER NOTES	J.A.
09-15-05	REVISED DESIGNER NOTE	M.M.A.
10-16-06	REVISED TO 2007 SPEC.	M.A.

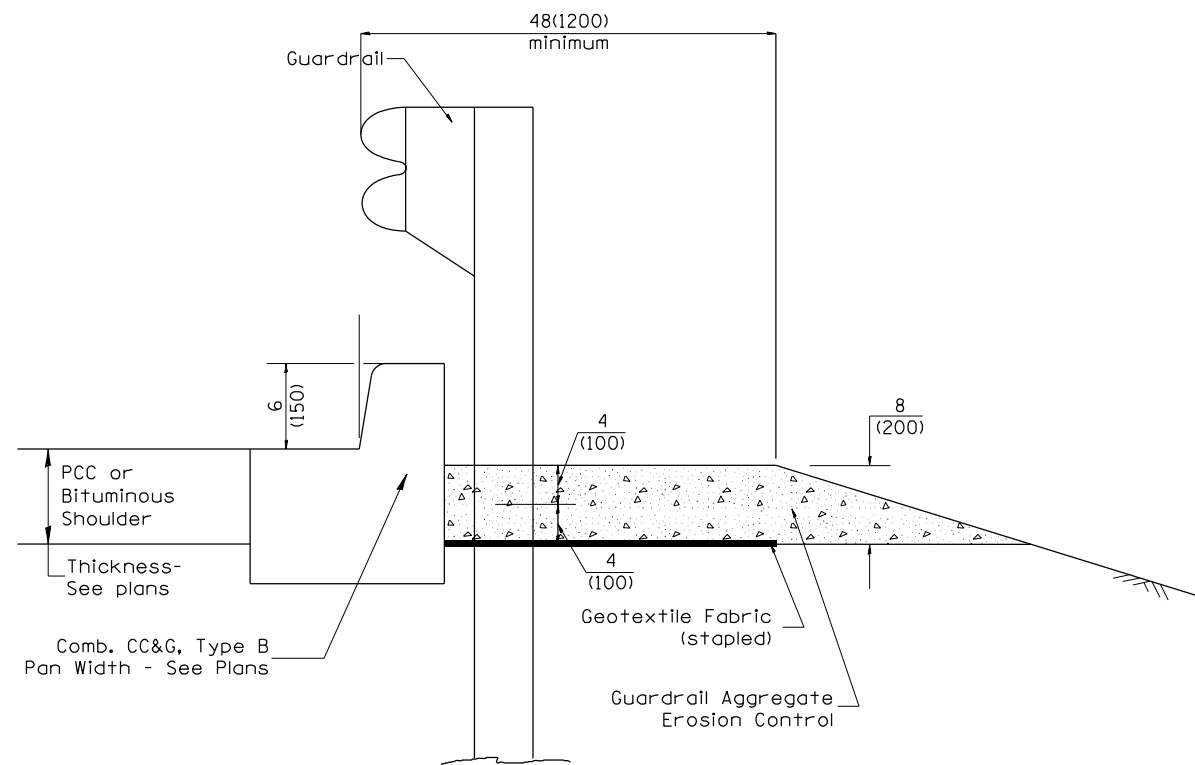
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAILBOX TURNOUTS FOR "3R" PROJECTS

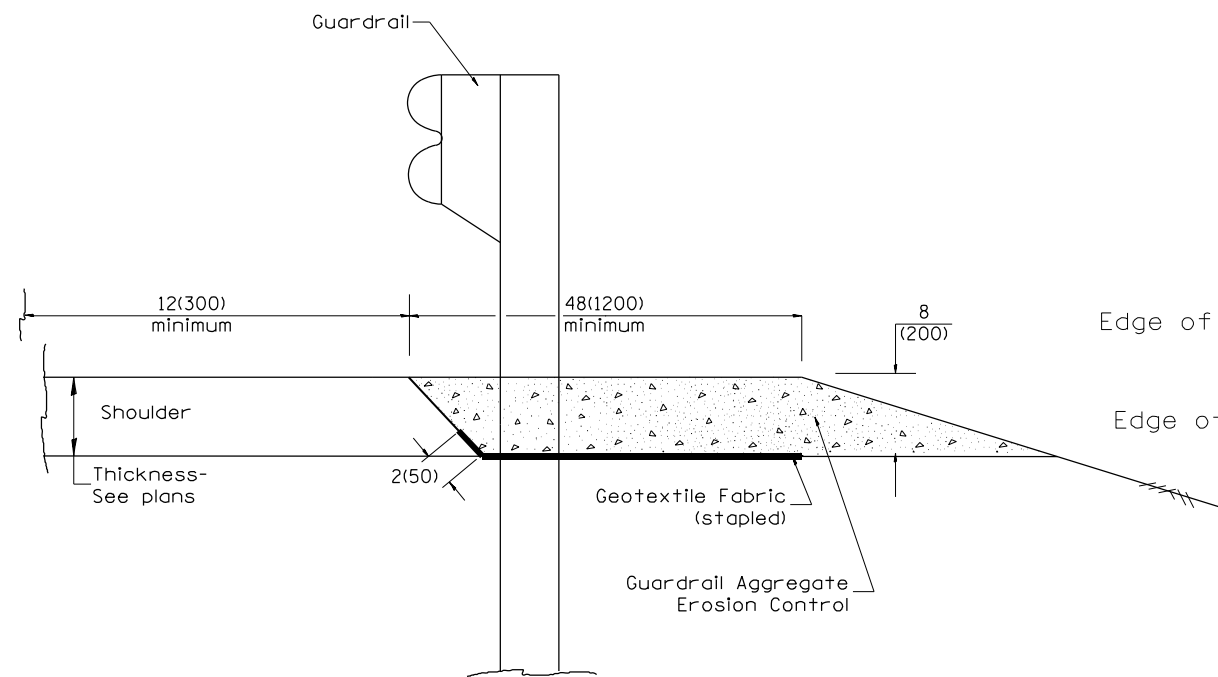
NOT TO SCALE

CADD STD. 406201-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(R)RS-2;126RS-3	TAZEWELL	63	59
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68J08	



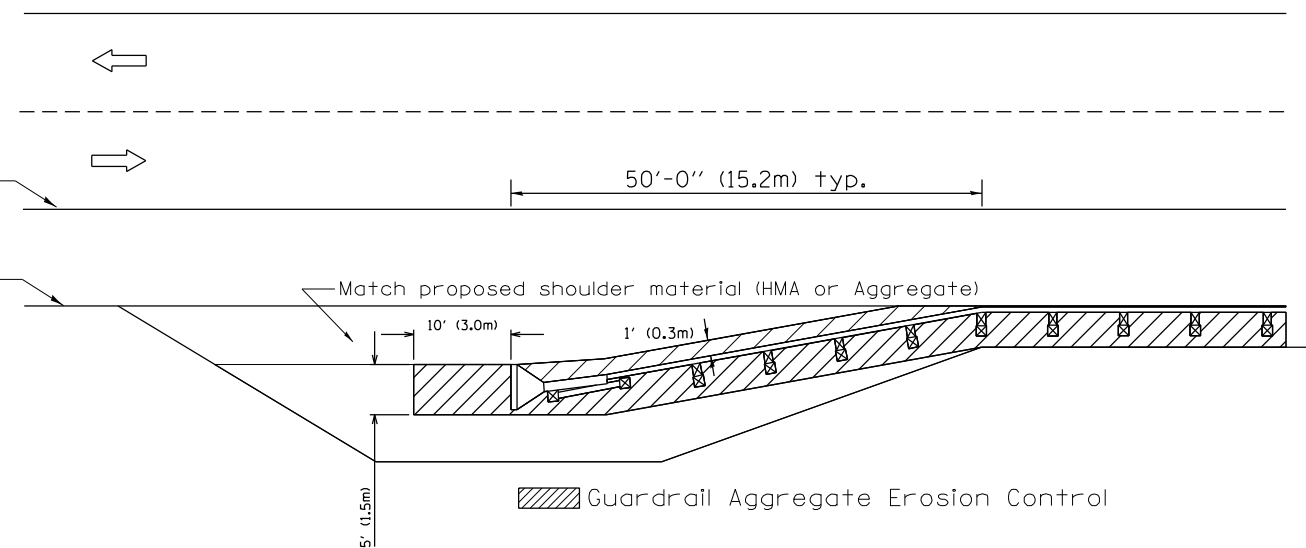
TYPICAL SECTION WITH COMBINATION CONCRETE CURB & GUTTER



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.			

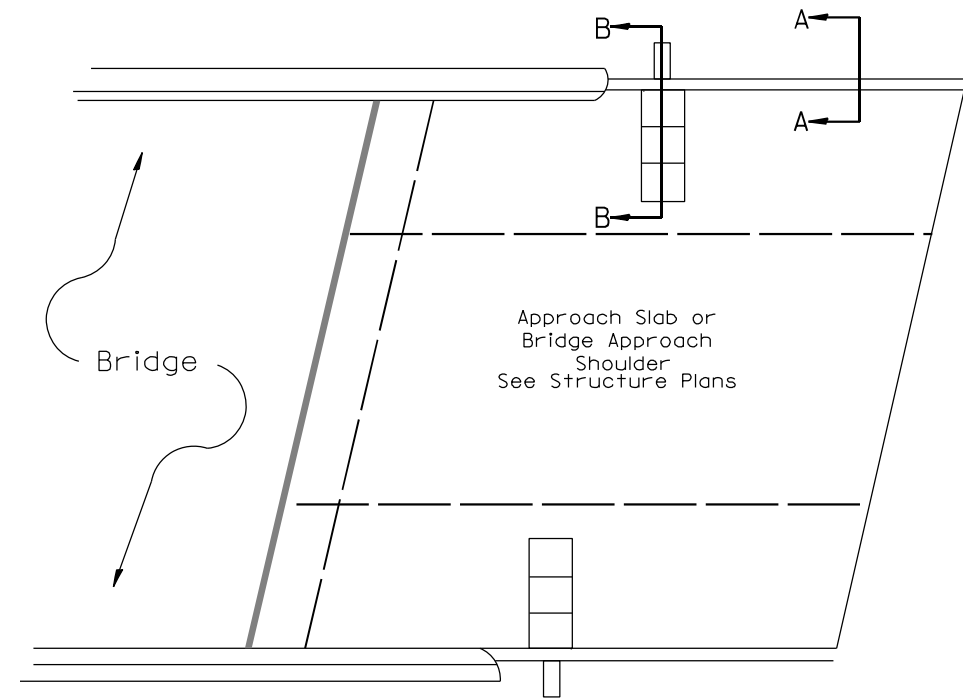
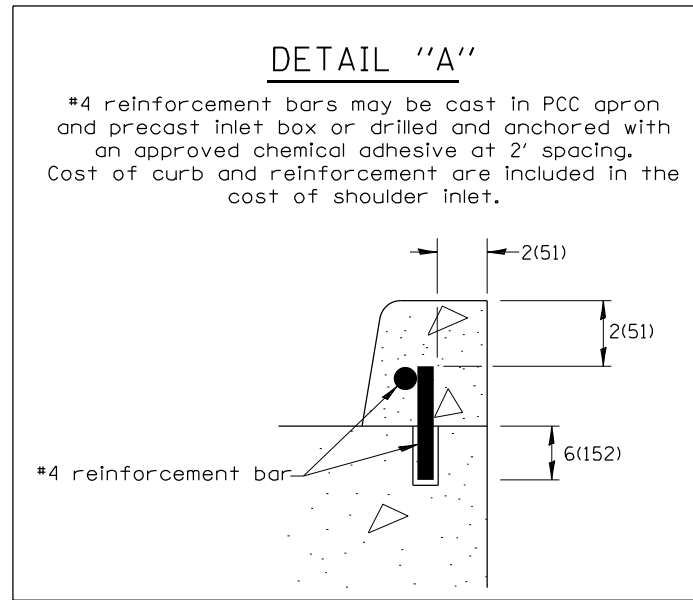
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

NOT TO SCALE

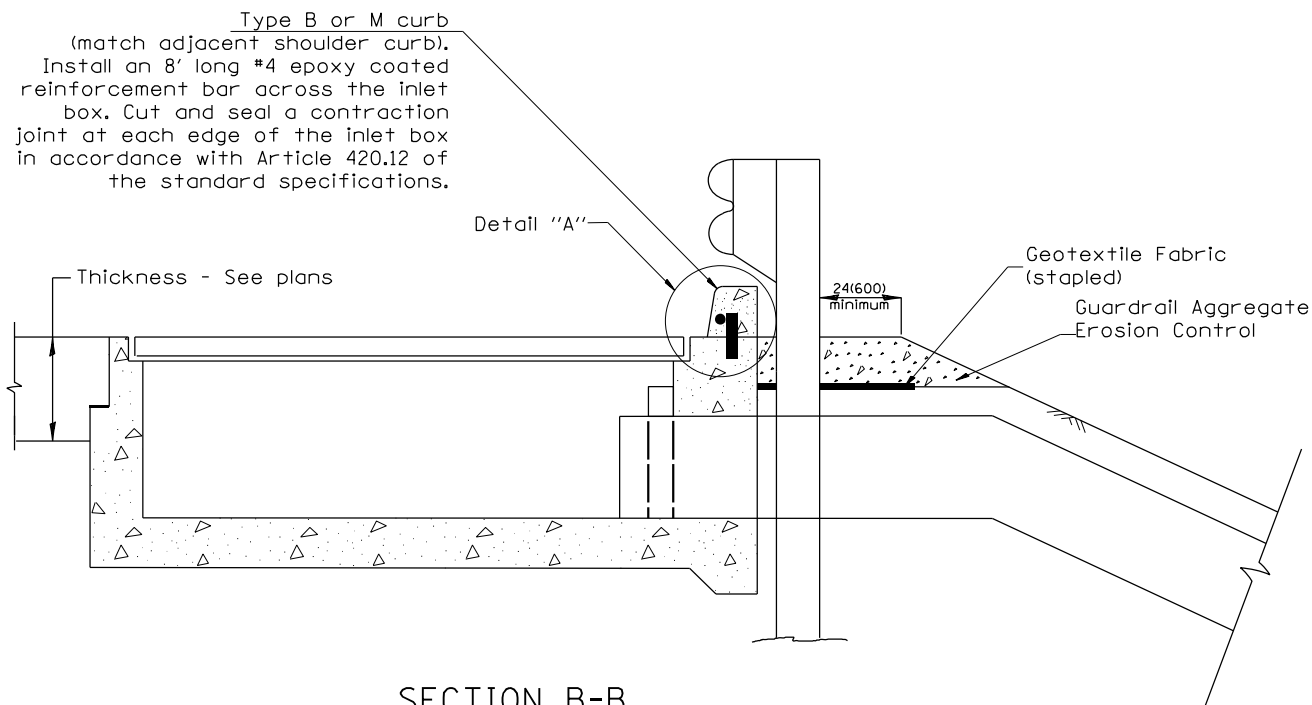
GUARDRAIL EROSION CONTROL TREATMENTS

SHT. 1 OF 2
CADD STD. 630101-D4

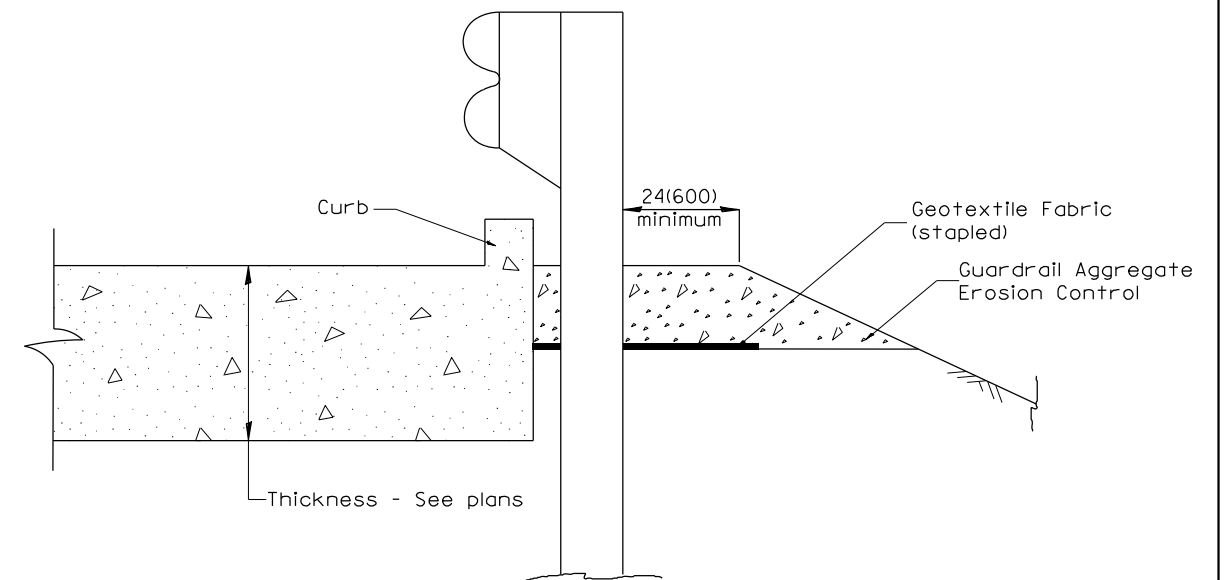
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(R)RS-2;126RS-3	TAZEWELL	63	60
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68J08	



PLAN VIEW
APPROACH SLAB OR SHOULDER PLACEMENT



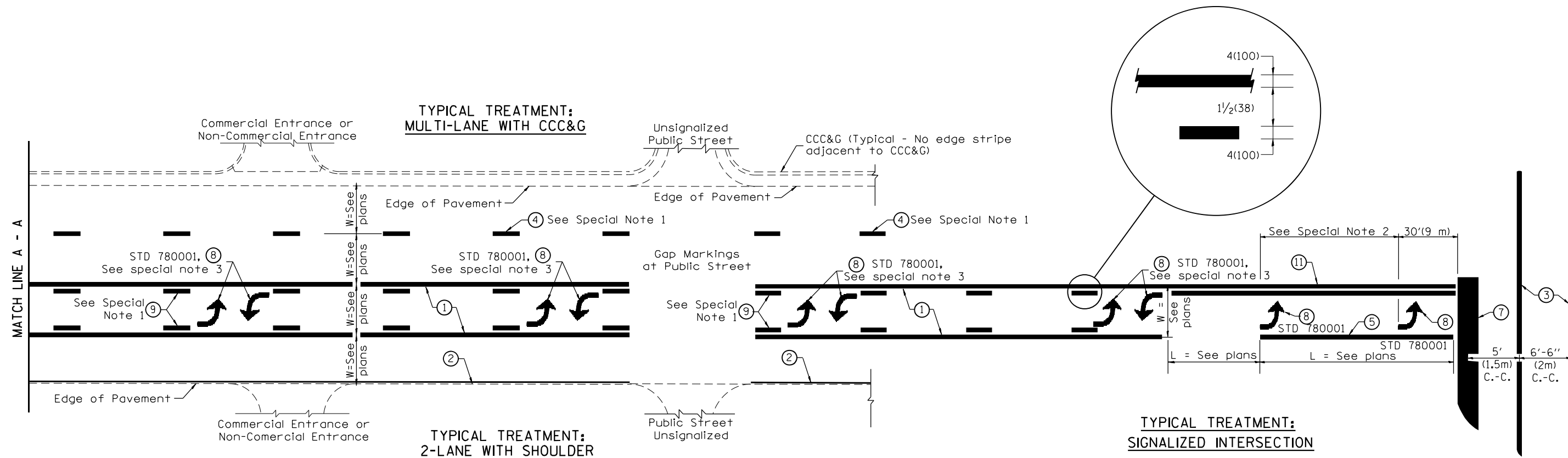
SECTION B-B
TYPICAL SECTION AT INLETS
TYPE E, F & G (HIGHWAY STANDARD 610001)



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.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
								705	(R)RS-2;126RS-3	TAZEWELL	63	61
				NOT TO SCALE				SHT. 2 OF 2 CADD STD. 630101-D4		CONTRACT NO. 68J08		
								FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



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) ⑩
- ⑪ 4(100) Double Solid (Yellow) ⑪

SPECIAL NOTES

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

GENERAL NOTES

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

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

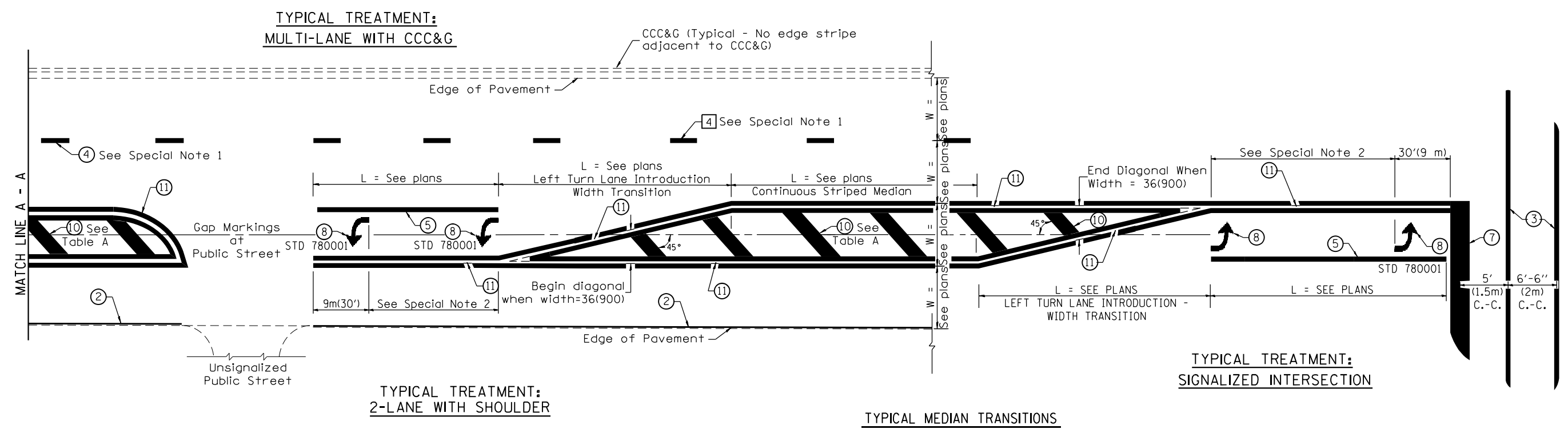
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

NOT TO SCALE

TYPICAL PAVEMENT MARKINGS

SHT. 1 OF 2
CADD STD. 780001-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(R)RS-2;126RS-3	TAZEWELL	63	62
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68J08	

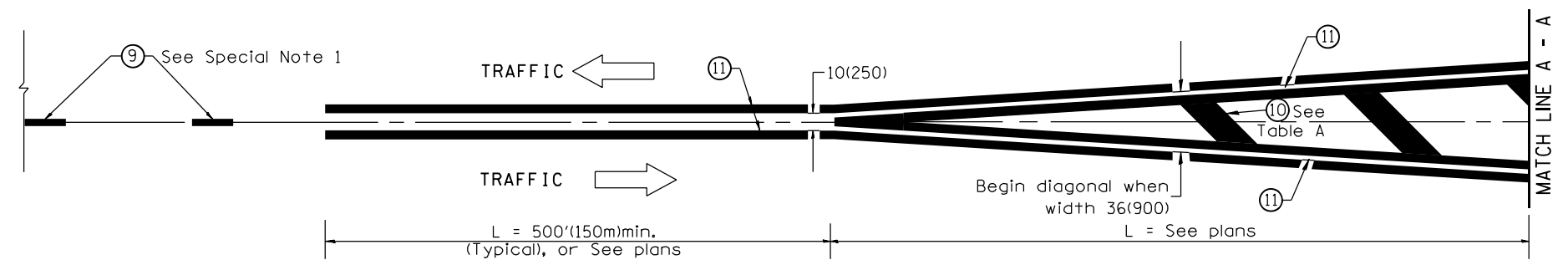


FLUSH PAVED MEDIAN: RESTRICTED LEFT TURN LANE

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)



MEDIAN INTRODUCTION - WIDTH TRANSITIONS

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