

INDEX OF SHEETS, SEE SHEET NO. 2

**HIGHWAY STANDARDS**

280001-07	602401-07	701311-03	781001-04
420001-10	602701-02	701326-04	782001-01
424001-11	606001-08	701336-07	604001-05
424006-05	606301-04	701501-06	
424011-04	642006-01	701801-06	
424021-06	701006-05	701901-09	
442201-03	701201-05	720001-01	
482011-03	701301-04	720006-04	
542011-02	701306-04	780001-05	

**D4 CADD STANDARDS**

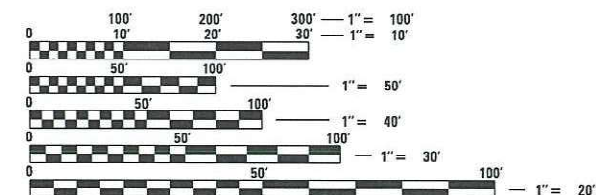
406101-D4
406201-D4
602001-D4
602101-D4
604001-D4
780001-D4

**DESIGN DESIGNATION:**

MINOR ARTERIAL

RURAL ADT (2023): 675  
 RURAL MU: 4.5%  
 RURAL SU: 6.2%

IN-TOWN ADT (2023): 2,050  
 IN-TOWN MU: 3.4%  
 IN-TOWN SU: 6.9%



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 REBECCA MARRUFFO 309-671-3394  
 PROJECT MANAGER ANNA DEVINE 309-671-3475  
 CATALOG NO. 035330-00D  
 CONTRACT NO. 68C94

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

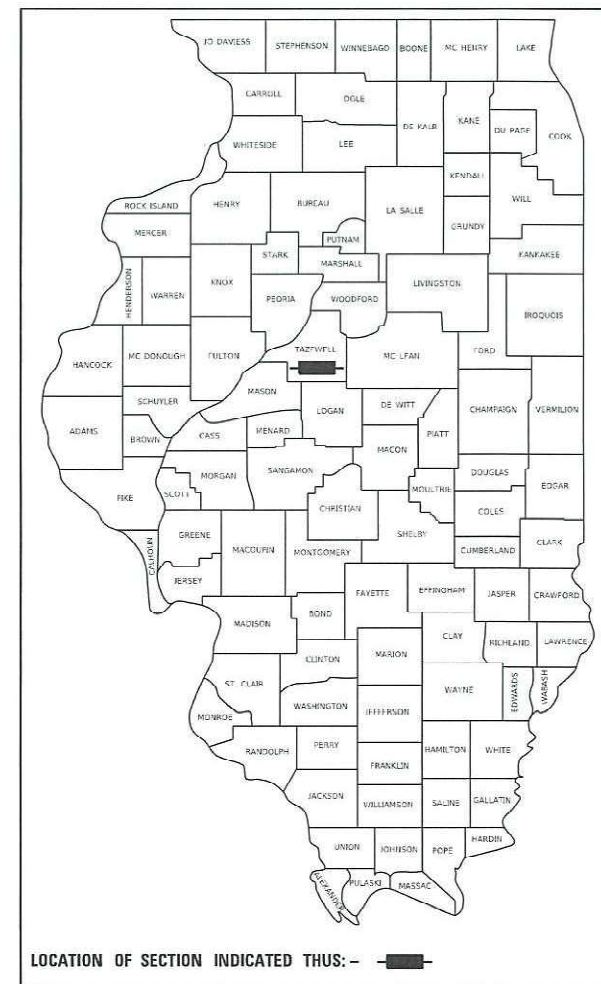
**PROPOSED  
 HIGHWAY PLANS**

ROUTE FAP 705 (IL 122)  
 SECTION (M-15D,4)RS-1  
 PROJECT STP-R5L3(579)  
 3P RESURFACING /ADA RAMPS  
 TAZEWELL COUNTY

C-94-117-15

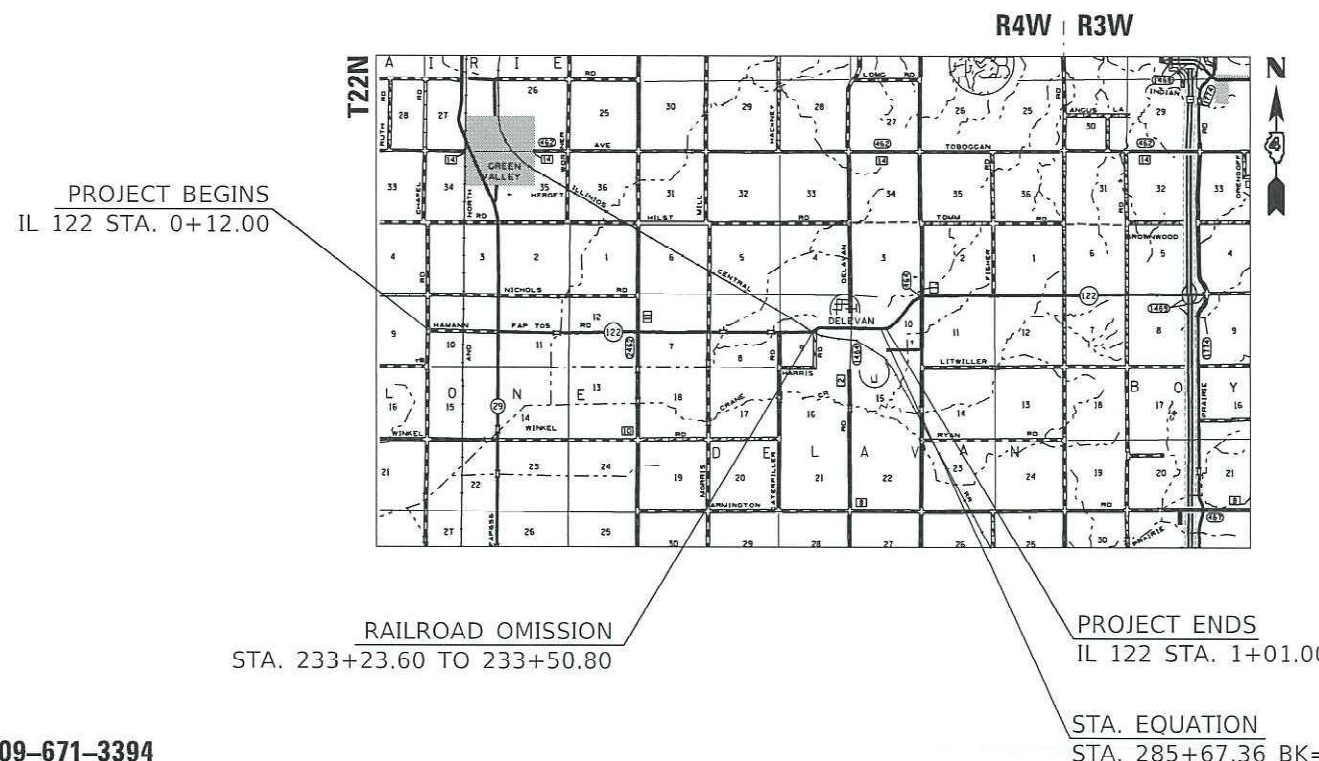
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(M-15D,4)RS-1	TAZEWELL	78	1
		ILLINOIS	CONTRACT NO. 68C94	

D-94-075-15



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

DESCRIPTION: IMPROVEMENTS INCLUDE CLASS D PATCHING, COLD-IN-PLACE RECYCLING, PROPOSED 3' HMA SHOULDERS, ADA RAMPS, PAVEMENT MARKINGS, MINOR DRAINAGE IMPROVEMENTS, AND OTHER RELATED COLLATERAL WORK ON IL 122 FROM IL 29 TO EAST OF OAK STREET IN DELAVAN.



GROSS LENGTH = 28,623.5 FT. = 5.42 MILE  
 NET LENGTH = 28,650.5 FT. = 5.42 MILE

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUBMITTED June 27, 2024  
Kensil A. Garnett, RSO  
 REGIONAL ENGINEER

August 16, 2024  
[Signature]  
 ENGINEER OF DESIGN AND ENVIRONMENT

August 16, 2024  
[Signature]  
 DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

**PRINTED BY THE AUTHORITY  
 OF THE STATE OF ILLINOIS**

**GENERAL NOTES**

**107.00 COMMITMENTS**

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

No commitments have been made for this project.

**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.

**406.01 BRIDGE OVERLAY NOTIFICATION**

After placement of the bridge deck overlay, the Resident Engineer shall notify the District Bridge Maintenance Engineer of the "as constructed" milling depth and overlay thickness for updating the Illinois Highway Information System.

**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 090-0111, 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.

**602.00 EXISTING DRAINAGE PIPES CONNECTED TO NEW STRUCTURES**

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

**606.00 MEDIAN AND ISLAND NOSES**

When constructing median and island noses the following criteria should be followed:

- \* Barrier curb shall be used to construct noses when the median or island surrounds a mast arm or other non-breakaway foundation.
- \* Ramped noses shall be used on medians or islands with breakaway posts.

**INDEX OF SHEETS**

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2. INDEX OF SHEETS AND GENERAL NOTES
3. JOB SPECIFIC NOTES
4. STATUS OF UTILITIES
5. MIX REQUIREMENTS
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- 14-22. SCHEDULE OF QUANTITIES
23. LINE DIAGRAM
- 24-26. TYPICAL SECTIONS
- 27-29. SEQUENCE OF OPERATIONS
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- 42-44. PROFILE SHEETS
45. BUTT-JOINT DETAIL
- 46-58. DRAINAGE & ADA DETAIL SHEETS
- 59-60. ADA DETAILS
- 61-63. DRAINAGE DETAILS
- 64-66. PAVEMENT MARKING DETAILS
67. TRAFFIC SIGN DETAILS
- 68-69. FOR INFORMATION ONLY
- 70-78. DISTRICT STANDARDS

**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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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS & GENERAL NOTES**

SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(M-15D,4)RS-1	TAZEWELL	78	2
			CONTRACT NO. 68C94	
		ILLINOIS	FED. AID PROJECT	



**JOB SPECIFIC NOTES**

**PROPERTY OWNER ACCESS REQUIREMENTS**

Access must be maintained to all existing properties during construction per Article 107.09 unless arrangements are made in writing by the Contractor with the property owners with a copy to the Engineer for short-term closures.

**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.

**SIGN POST HOLES**

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

This work, including any required pavement removal necessary to construct the sign post holes, will not be paid for separately but shall be included in the contract unit price per square foot for CONCRETE MEDIAN (SPECIAL).

**JOBSITE DRAINAGE**

The Contractor shall make special efforts to maintain positive drainage throughout the project limits.

See Temporary Drainage Treatment Detail for urban pavement drainage during construction activities.

**STATIONING**

Roadway Stationing is for proposed re-stationing. Stations on plan sheets may not match existing stamped conditions.

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**JOB SPECIFIC NOTES**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(M-15D.4)RS-1	TAZEWELL	78	3
CONTRACT NO. 68C94			ILLINOIS FED. AID PROJECT	





**MIX REQUIREMENTS  
STA. 0+12 TO 229+27.2  
CIR LIMITS  
(RURAL SECTION, WEST OF DELAVAN)**

The following mixture requirements are applicable for this project:

Location(s):	Mainline	Mainline	Shoulders	Shoulders	Shoulders	Mainline	Mainline
Mixture Use(s):	Polymer Surface 1.5"	Polymer Binder 1"	Polymer Shoulders (Surface Lift 1.5")	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	SBS or SBR 70-28	PG 64-22	PG 58-28	PG 58-22	PG 64-22
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	4.0% @ N=50
Mixture Composition: (Mixture Gradation)	IL 9.5	IL 4.75	IL 9.5	IL 9.5	IL 19.0	IL 19.0	IL 9.5
Friction Aggregate:	Mix D	N.A.	Mix D	N.A.	N.A.	N.A.	Mix C
Quality Management Program:	QCP	QCP	QCP	QCQA	QCQA	QCQA	QCQA
MTD:	YES	YES	YES	NO	NO	NO	NO

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

**MIX REQUIREMENTS  
STA. 229+27.2 TO STA. 273+94.3  
(IN-TOWN DELAVAN)  
INCLUDING SN 090-0111**

The following mixture requirements are applicable for this project:

Location(s):	Mainline	Mainline	Parking	Mainline	Mainline
Mixture Use(s):	Polymer Surface 1.5"	Binder Lift 2.25"	Polymer Shoulders (Surface Lift 1.5")	Class D Patching	Incidental Surface
AC/PG:	SBS or SBR 70-28	PG 58-28	SBS or SBR 70-28	PG 58-22	PG 64-22
Design Air Voids:	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 19.0	IL 9.5	IL 19.0	IL 9.5
Friction Aggregate:	Mix D	N.A.	Mix D	N.A.	Mix C
Quality Management Program:	QCP	QCQA	QCP	QCQA	QCQA
MTD:	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.

**MIX REQUIREMENTS  
STA. 273+94.3 TO STA. 1+01.0  
(IN-TOWN DELAVAN)**

The following mixture requirements are applicable for this project:

Location(s):	Mainline	Mainline	Mainline	Mainline	Mainline
Mixture Use(s):	Polymer Surface 1.5"	Binder Middle Lift 2.25"	Polymer Binder (Bottom Lift 1")	Class D Patching	Incidental Surface
AC/PG:	SBS or SBR 70-28	PG 58-28	SBS or SBR 70-28	PG 58-22	PG 64-22
Design Air Voids:	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 19.0	IL 4.75	IL 19.0	IL 9.5
Friction Aggregate:	Mix D	N.A.	N.A.	N.A.	Mix C
Quality Management Program:	QCP	QCQA	QCP	QCQA	QCQA
MTD:	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.

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DATE -	REVISD -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MIX REQUIREMENTS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(M-15D,4)RS-1	TAZEWELL	78	5
			CONTRACT NO. 68C94	
		ILLINOIS FED. AID PROJECT		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80/20 FED/STATE ROADWAY	80/20 FED/STATE SAFETY	80/20 FED/STATE BRIDGE	50/50 CITY/STATE ROADWAY
				0005	0021	0059	0006
				STP - RURAL	STP - RURAL	S.N. 090-0111	PARKING
20800150	TRENCH BACKFILL	CU YD	3	3			
** 25000750	MOWING	ACRE	26	26			
28000400	PERIMETER EROSION BARRIER	FOOT	200	200			
28000500	INLET AND PIPE PROTECTION	EACH	15	15			
28100225	STONE RIPRAP, CLASS B3	TON	92	92			
40200100	AGGREGATE SURFACE COURSE, TYPE A	TON	51	51			
40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	141908	137389		556	3963
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	5564	5496		68	
40600990	TEMPORARY RAMP	SQ YD	1228	1214		14	
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	1758	1758			
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	3502	3502			
40604160	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	7911	7413		36	462
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	496	496			
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	58	58			

\*\* 100% STATE

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PLOT SCALE = 1:100	DRAWN -	REVISED -						705	(M-15D,4)RS-1	TAZEWELL	78	6
PLOT DATE = 7/17/2024	CHECKED -	REVISED -		SCALE:	SHEET 1	OF 8 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			
	DATE -	REVISED -		CONTRACT NO. 68C94								



CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80/20 FED/STATE ROADWAY	80/20 FED/STATE SAFETY	80/20 FED/STATE BRIDGE	50/50 CITY/STATE ROADWAY
				0005	0021	0059	0006
				STP - RURAL	STP - RURAL	S.N. 090-0111	PARKING
* 42400800	DETECTABLE WARNINGS	SQ FT	743	743			
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	6242	737			5505
44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SQ YD	10163	10163			
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	114	114			
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	3133	3133			
44000600	SIDEWALK REMOVAL	SQ FT	11728	11728			
44201741	CLASS D PATCHES, TYPE II, 8 INCH	SQ YD	97	97			
44201745	CLASS D PATCHES, TYPE III, 8 INCH	SQ YD	38	38			
44201753	CLASS D PATCHES, TYPE II, 9 INCH	SQ YD	11	11			
44201798	CLASS D PATCHES, TYPE I, 13 INCH	SQ YD	30	30			
44201803	CLASS D PATCHES, TYPE II, 13 INCH	SQ YD	622	622			
44201807	CLASS D PATCHES, TYPE III, 13 INCH	SQ YD	206	206			
44201809	CLASS D PATCHES, TYPE IV, 13 INCH	SQ YD	1181	1181			
48101200	AGGREGATE SHOULDERS, TYPE B	TON	2795	2795			

\*= SPECIALTY ITEM

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(M-15D.4)RS-1	TAZEWELL	78	7
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68C94	





CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80/20 FED/STATE ROADWAY	80/20 FED/STATE SAFETY	80/20 FED/STATE BRIDGE	50/50 CITY/STATE ROADWAY
				0005	0021	0059	0006
				STP - RURAL	STP - RURAL	S.N. 090-0111	PARKING
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	11	11			
67100100	MOBILIZATION	L SUM	1	1			
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1			
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			
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1			
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	10	10			
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	14	14			
70300100	SHORT TERM PAVEMENT MARKING	FOOT	11345	11345			
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1173	1173			
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	126		126		
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	13158		13158		
70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	54765		54765		

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE:	SHEET 4	OF 8 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(M-15D.4)RS-1	TAZEWELL	78	9
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68C94	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80/20 FED/STATE ROADWAY	80/20 FED/STATE SAFETY	80/20 FED/STATE BRIDGE	50/50 CITY/STATE ROADWAY
				0005	0021	0059	0006
				STP - RURAL	STP - RURAL	S.N. 090-0111	PARKING
70300251	TEMPORARY PAVEMENT MARKING - LINE 8"- PAINT	FOOT	204		204		
70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	103		103		
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	133		133		
* 72000100	SIGN PANEL - TYPE 1	SQ FT	21		21		
73000100	WOOD SIGN SUPPORT	FOOT	40		40		
* 78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	3				3
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	664				664
* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	122		122		
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	12494		12494		
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	54765		54765		
* 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	204		204		
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	103		103		
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	133		133		
* 78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	139		139		

\*= SPECIALTY ITEM

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USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1:100	CHECKED -	REVISED -
PLOT DATE = 7/17/2024	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(M-15D.4)RS-1	TAZEWELL	78	10
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68C94	



CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80/20 FED/STATE ROADWAY	80/20 FED/STATE SAFETY	80/20 FED/STATE BRIDGE	50/50 CITY/STATE ROADWAY
				0005	0021	0059	0006
				STP - RURAL	STP - RURAL	S.N. 090-0111	PARKING
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	12494		12494		
* 78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	54765		54765		
* 78011045	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	204		204		
* 78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	103		103		
* 78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	133		133		
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	434		434		
* 78200020	CURB REFLECTORS	EACH	6		6		
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	434	434			
X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1	1			
* X0326899	SOLAR-POWERED FLASHING BEACON ASSEMBLY (COMPLETE)	EACH	2		2		
X2020060	EXCAVATING AND GRADING EXISTING SHOULDER, (SPECIAL)	UNIT	462		462		
X2020114	GRADING AND SHAPING DITCHES (SPECIAL)	FOOT	1026	1026			
X2810228	STONE RIPRAP, CLASS B4 (SPECIAL)	TON	128	128			
X4005500	CIR FULL DEPTH RECLAMATION EMULSIFIED ASPHALT	TON	380	380			

\*= SPECIALTY ITEM

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USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1:100	CHECKED -	REVISED -
PLOT DATE = 7/17/2024	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(M-15D.4)RS-1	TAZEWELL	78	11
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68C94	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80/20 FED/STATE ROADWAY	80/20 FED/STATE SAFETY	80/20 FED/STATE BRIDGE	50/50 CITY/STATE ROADWAY
				0005	0021	0059	0006
				STP - RURAL	STP - RURAL	S.N. 090-0111	PARKING
X4060221	COLD IN-PLACE RECYCLING, 4.0"	SQ YD	58273	58273			
X4240420	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH (SPECIAL)	SQ FT	12451	12451			
X4400196	HOT-MIX ASPHALT SURFACE REMOVAL (SPECIAL)	SQ YD	1591	1583		8	
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	61676	61676			
X5430224	CURED-IN-PLACE PIPE LINER, 24"	FOOT	104	104			
X5619210	WATER VALVES TO BE ADJUSTED (SPECIAL)	EACH	13	13			
X6020065	INLETS, TYPE G-1, DOUBLE (SPECIAL)	EACH	1	1			
X6020086	MANHOLE, SPECIAL, FRAME AND LID	EACH	1	1			
X6021065	INLETS, TYPE G-1 (SPECIAL)	EACH	6	6			
X6021814	INLET-MANHOLE, TYPE G-1, 4' DIAMETER	EACH	5	5			
X6025600	MANHOLES TO BE ADJUSTED (SPECIAL)	EACH	2	2			
X6026200	INLETS TO BE ADJUSTED (SPECIAL)	EACH	2	2			
X6060048	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 (SPECIAL)	FOOT	2084	2084			
X6060052	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (SPECIAL)	FOOT	114	114			

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USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1:100	CHECKED -	REVISED -
PLOT DATE = 7/17/2024	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET 7 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(M-15D.4)RS-1	TAZEWELL	78	12
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68C94	



MODEL: Default  
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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-4.75, N50		HMA BINDER COURSE, IL-19.0, 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, 1 1/2"	HMA SURFACE REMOVAL (DECK)	HMA SURFACE REMOVAL, 3 3/4"	INCIDENTAL HMA SURFACING	MATERIAL TRANSFER DEVICE
						1.5"	JT	1.0"	2.25"	0.08 LB/SQ FT	JT	SQ. YD.	TON									
		FOOT	FOOT	SQ. YD.	SQ. YD.	TON	TON	TON	TON	POUND	POUND	SQ. YD.	TON	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	TON	TON	
<b>IL-122</b>																						
STA.	00+12.0	TO	00+74.7	62.7	Varies	565.7	75.0	47.5	0.3	31.7		814.6	4.8								79.5	
STA.	00+74.7	TO	01+24.7	50.0	Varies	156.6	11.1	13.2	0.2	8.8		225.5	3.8								22.2	
STA.	01+24.7	TO	228+77.1	22752.4	23.0			4671.8	106.2	3256.1		83728.8	1743.7	58145.0	379.4	58145.0	1264.0				8034.1	
STA.	228+77.1	TO	229+27.2	50.1	23.0	128.0	11.1	10.3	0.2	7.2		184.4	3.8	128.0	0.8	128.0	2.8				17.7	
STA.	229+27.2	TO	229+37.2	10.0	23.0	25.6	16.7	2.1	0.0			36.8	0.8				0.6				5.3	
STA.	229+25.0	TO	233+11.8	386.8	23.0			79.4	1.8			1423.4	29.6				21.5			988.5	205.8	
STA.	233+11.8	TO	233+23.8	12.0	23.0	30.7	19.4	2.5	0.1			44.2	0.9				0.7				6.4	
<b>RR OMISSION</b>																						
STA.	233+50.8	TO	233+62.6	11.8	28.0	36.7	22.2	3.1	0.1			52.9	0.9				0.7				7.8	
STA.	233+62.6	TO	238+03.6	441.0	28.0			115.2	2.1			172.9	33.8				24.5			1372.0	290.2	
STA.	238+03.6	TO	238+63.8	60.2	28.7			16.1	0.3			24.2	4.6				3.3			192.0	40.6	
STA.	238+63.8	TO	266+90.0	2826.2	22.0			580.3	13.2			870.5	216.6				157.0			6908.5	1464.0	
STA.	266+90.0	TO	269+33.0	243.0	26.0			59.0	1.1			88.5	18.6				13.5			702.0	148.6	
STA.	269+33.0	TO	269+43.0	10.0	26.0	28.9	18.1	2.4	0.0			41.6	0.8				0.6				6.1	
STA.	269+43.0	TO	269+73.0	777.4		86.4	7.2	6.0	0.1			62.2	59.6				1.7				6.2	
* STA.	269+73.0	TO	271+19.0	146.0	30.8	68.3	14.4	34.9	0.6			538.7	16.8				8.1		430.5		35.5	
STA.	271+19.0	TO	271+29.0	10.0	26.0	28.9	7.2	2.4	0.0			20.8	0.8				0.6				2.5	
STA.	271+29.0	TO	273+84.3	255.3	26.0			62.0	1.2			531.0	19.6				14.2	737.5			63.1	
STA.	273+84.3	TO	273+94.3	10.0	26.0	28.9	14.4	2.4	0.0			20.8	0.8				0.6				2.5	
STA.	273+94.3	TO	274+39.3	45.0	26.0	130.0	21.7	10.9	0.2	7.3	16.4	187.2	3.4				2.5				34.8	
STA.	274+39.3	TO	285+67.4	1128.1	26.0			273.7	5.3	182.5	410.6	4692.7	86.5			3258.8	62.7				872.1	
STA. EQ: 285+67.36 BK = 0+06.00 AH																						
STA.	00+06.0	TO	00+56.0	50.0	26.0			12.1	0.2	8.1	18.2	208.0	3.8			144.4	2.8				38.7	
STA.	00+56.0	TO	01+01.0	45.0	26.0	130.0	18.3	10.9	0.2			187.2	3.4				2.5				27.5	
<b>SUBTOTAL</b>						1444.7	256.9	6018.4	133.5	3501.6	1757.5	106212.1	2257.5	58273.1	380.2	61676.3	1590.9	737.5	430.5	10162.9	0.0	11410.9
<b>SIDEROAD SUBTOTAL</b>						3665.3	971.2					3981.6									445.0	
<b>SHOULDER SUBTOTAL</b>								1758.6				26184.7					5504.6					1758.6
<b>ENTRANCE SUBTOTAL</b>						454.4						3271.8									51.4	
<b>GRAND TOTAL</b>						5564.0	1228.0	7911.0		3502.0	1758.0	141908.0		58273.0	380.0	61676.0	1591.0	6242.0	431.0	10163.0	496.0	13170.0
* SN 090-0111: 1.25" SURFACE AND TACK COAT RATE SHALL BE 0.12 LBS/SQ FT																						
JT = JOINT TRIMMING																						
SURFACE LANE WIDTH = 11' (SEE SEQUENCE OF OPERATIONS DETAIL SHEET)																						

USER NAME = \$USERS	DESIGNED -	REVISED -
PLOT SCALE = 1:100	DRAWN -	REVISED -
PLOT DATE = 6/28/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>SCHEDULE OF QUANTITIES</b>			
SCALE:	SHEET 1	OF 9 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(M-15D.4)RS-1	TAZEWELL	78	14
			CONTRACT NO. 68C94	
		ILLINOIS FED. AID PROJECT		

SHOULDER SCHEDULE 1 OF 2										
LOCATION		LENGTH	RT SHLDR WIDTH	HMA SURFACE REMOVAL, 1.5"	POLY. HMA SURFACE COURSE, IL-9.5, MIX "D", N50*	HMA SHOULDERS, 6.5"	EXCAVATING AND GRADING EXISTING SHOULDER (SPECIAL)	POLY. BIT. MATERIALS (TACK COAT)	MATERIAL TRANSFER DEVICE	
					1.5"			0.08 LB/SQ FT		
		FOOT	FOOT	SQ. YD.	TON	SQ. YD.	UNIT	POUND	TON	
<b>RT. IL 122</b>										
STA.	00+12.0	TO	00+74.7	104.6	4.0	3.9	46.5	1.0	66.9	3.9
STA.	00+74.7	TO	01+24.7	50.0	3.0	1.4	16.7	0.5	24.0	1.4
STA.	01+24.7	TO	103+59.5	10234.8	3.0	286.6	3411.6	102.3	4912.7	286.6
STA.	103+59.5	TO	104+68.8	TOWERLINE RD						
STA.	104+68.8	TO	156+52.8	5184.0	3.0	145.2	1728.0	51.8	2488.3	145.2
STA.	156+52.8	TO	157+18.2	MORRIS MILL RD						
STA.	157+18.2	TO	208+27.1	5108.9	3.0	143.0	1703.0	51.1	2452.3	143.0
STA.	208+27.1	TO	210+10.5	CATERPILLAR RD						
STA.	210+10.5	TO	217+63.0	752.5	3.0	21.1	250.8	7.5	361.2	21.1
STA.	217+63.0	TO	218+10.0	47.0	4.0	1.8	20.9	0.5	30.1	1.8
STA.	218+10.0	TO	228+77.1	1067.1	3.0	29.9	355.7	10.7	512.2	29.9
STA.	228+77.1	TO	229+27.4	50.3	3.0	1.4	16.8	0.5	24.1	1.4
STA.	229+27.4	TO	229+37.4	10.0	3.0	0.3	3.3	0.1	4.8	0.3
STA.	229+37.4	TO	233+11.8	374.4	3.0	10.5	124.8	3.7	179.7	10.5
STA.	233+11.8	TO	233+33.2	21.4	3.0	0.6	7.1	0.2	10.3	0.6
STA.	233+32.2	TO	233+59.5	RR OMISSION						
STA.	233+59.5	TO	238+63.8	NO SHLDR						
STA.	238+63.8	TO	261+76.0	2312.2	8.5	2183.7	183.4		1572.3	183.4
STA.	261+76.0	TO	262+56.4	80.4	9.2	32.2	6.9		59.2	6.9
STA.	262+56.4	TO	266+88.6	432.2	10.0	480.2	40.3		345.8	40.3
<b>LT. IL 122</b>										
STA.	00+12.0	TO	00+74.7	125.1	4.0	4.7	55.6	1.3	80.1	4.7
STA.	00+74.7	TO	01+24.7	50.0	3.2	1.5	17.8	0.5	25.6	1.5
STA.	01+24.7	TO	103+67.0	10242.3	3.0	286.8	3414.1	102.4	4916.3	286.8
STA.	103+67.0	TO	104+73.0	TOWERLINE RD.						
STA.	104+73.0	TO	156+53.9	5180.9	3.0	145.1	1727.0	51.8	2486.8	145.1
STA.	156+53.9	TO	157+18.8	MORRIS MILL RD						
STA.	157+18.8	TO	228+77.1	7158.3	3.0	200.4	2386.1	71.6	3436.0	200.4
STA.	228+77.1	TO	229+27.1	50.0	3.0	1.4	16.7	0.5	24.0	1.4
STA.	229+27.1	TO	233+14.5	387.4	3.0	10.8	129.1	3.9	186.0	10.8
STA.	233+14.5	TO	233+42.1	RR OMISSION						
STA.	233+42.1	TO	238+59.6	NO SHLDR						
STA.	238+59.6	TO	261+62.1	2302.5	8.5	2174.6	182.7		1565.7	182.7
STA.	261+62.1	TO	261+94.0	31.9	9.3	32.8	2.8		23.6	2.8
STA.	261+94.0	TO	266+90.0	496.0	10.0	551.1	46.3		396.8	46.3
<b>SUBTOTAL</b>				5504.6		1758.6	15431.5	462.0	26184.7	1758.6
<b>GRAND TOTAL</b>				<b>SEE PAVEMENT SCHEDULE</b>		<b>15432.0</b>	<b>462.0</b>	<b>SEE PAVEMENT SCHEDULE</b>		

AGGREGATE SCHEDULE FOR TRAFFIC CONTROL						
LOCATION		LENGTH*	RT AGG SHLDR WIDTH		AGGREGATE SHOULDERS, TYPE B	
			FOOT	FOOT	TON	
<b>RT. IL 122</b>						
STA.	00+12.0	TO	103+67.8	10225.80	4.0	517.6
STA.	103+67.8	TO	104+60.2	TOWERLINE RD.		
STA.	104+60.2	TO	156+59.6	5073.4	4.0	256.8
STA.	156+59.6	TO	157+11.8	MORRIS MILL RD.		
STA.	157+11.8	TO	208+39.2	5107.4	4.0	258.5
STA.	208+39.2	TO	210+01.4	CATERPILLAR RD.		
STA.	210+01.4	TO	233+33.2	2246.8	4.0	113.7
<b>LT. IL 122</b>						
STA.	00+12.0	TO	103+74.0	10242.0	4.0	518.4
STA.	103+74.0	TO	104+65.0	TOWERLINE RD.		
STA.	104+65.0	TO	156+60.4	5115.4	4.0	258.9
STA.	156+60.4	TO	157+13.4	MORRIS MILL RD.		
STA.	157+13.4	TO	233+13.8	7404.4	4.0	374.8
<b>SUBTOTAL</b>				2298.7		
<b>GRAND TOTAL</b>				<b>SEE SHOULDER SCHEDULE 2 OF 2</b>		

\*Entrances were subtracted out

SHOULDER SCHEDULE 2 OF 2										
LOCATION				LENGTH	WIDTH	AGGREGATE SHOULDER, TYPE B	SHOULDER RUMBLE STRIPS, 8 INCH			
							FOOT	FOOT	TON	FOOT
<b>RT. IL 122</b>										
STA.	00+12.0	TO	00+74.7	100.3	1.0	1.1				
STA.	00+74.7	TO	01+24.7	50.0	1.0	0.6	50.0			
STA.	01+24.7	TO	01+82.3	57.6	1.0	0.6	57.6			
STA.	02+22.8	TO	05+10.8	288.0	1.0	3.2	288.0			
STA.	05+37.1	TO	19+42.1	1405.0	1.0	15.6	1405.0			
STA.	19+73.5	TO	32+35.7	1262.2	1.0	14.0	1262.2			
STA.	32+67.8	TO	38+59.2	591.4	1.0	6.5	591.4			
STA.	38+95.2	TO	39+18.3	23.1	1.0	0.3	23.1			
STA.	39+44.7	TO	45+40.1	595.4	1.0	6.6	595.4			
STA.	45+62.5	TO	51+54.2	591.7	1.0	6.6	591.7			
STA.	51+90.9	TO	64+17.1	1226.2	1.0	13.6	1226.2			
STA.	64+52.1	TO	65+20.1	68.0	1.0	0.8	68.0			
STA.	65+51.0	TO	90+69.4	2518.4	1.0	27.9	2518.4			
STA.	90+95.0	TO	103+67.8	1272.8	1.0	14.1	1272.8			
STA.	103+67.8	TO	104+60.2	TOWERLINE RD						
STA.	104+60.2	TO	111+09.8	649.6	1.0	7.2	649.6			
STA.	111+41.6	TO	116+87.3	545.7	1.0	6.0	545.7			
STA.	117+07.3	TO	119+17.7	210.4	1.0	2.3	210.4			
STA.	119+92.5	TO	130+18.5	1026.0	1.0	11.4	1026.0			
STA.	130+46.4	TO	143+54.2	1307.8	1.0	14.5	1307.8			
STA.	143+71.6	TO	147+88.3	416.7	1.0	4.6	416.7			
STA.	148+09.9	TO	155+15.2	705.3	1.0	7.8	705.3			
STA.	155+33.2	TO	156+59.6	126.4	1.0	1.4	126.4			
STA.	156+59.6	TO	157+11.8	MORRIS MILL RD						
STA.	157+11.8	TO	162+16.5	504.7	1.0	5.6	504.7			
STA.	162+44.9	TO	164+23.6	178.7	1.0	2.0	178.7			
STA.	164+43.5	TO	169+53.3	509.8	1.0	5.6	509.8			
STA.	169+72.2	TO	178+42.9	870.7	1.0	9.6	870.7			
STA.	178+65.4	TO	190+58.8	1193.4	1.0	13.2	1193.4			
STA.	190+87.3	TO	208+39.2	1751.9	1.0	19.4	1751.9			
STA.	208+39.2	TO	210+01.4	CATERPILLAR RD						
STA.	210+01.4	TO	218+22.4	821.0	1.0	9.1	821.0			
STA.	218+58.3	TO	219+45.0	86.7	1.0	1.0	86.7			
STA.	219+86.4	TO	222+43.8	257.4	1.0	2.9	257.4			
STA.	222+67.3	TO	228+77.1	609.8	1.0	6.8	609.8			
STA.	228+77.1	TO	229+27.4	50.3	1.0	0.6	50.3			
STA.	229+27.4	TO	229+37.4	10.0	1.0	0.1	10.0			
STA.	229+37.4	TO	233+11.8	374.4	1.0	4.1	374.4			
STA.	233+11.8	TO	233+33.2	21.4	1.0	0.2	21.4			
<b>LT. IL 122</b>										
STA.	00+12.0	TO	00+74.7	120.5	1.0	1.3				
STA.	00+74.7	TO	01+24.7	52.5	1.0	0.6	52.5			
STA.	01+24.7	TO	01+95.9	71.2	1.0	0.8	71.2			
STA.	02+48.4	TO	04+96.5	248.1	1.0	2.7	248.1			
STA.	05+56.5	TO	23+53.5	1797.0	1.0	19.9	1797.0			
STA.	23+86.5	TO	32+39.1	852.6	1.0	9.4	852.6			
STA.	32+67.7	TO	103+74.0	7106.3	1.0	78.7	7106.3			
STA.	103+74.0	TO	104+65.0	TOWERLINE RD.						
STA.	104+65.0	TO	112+50.4	785.4	1.0	8.7	785.4			
STA.	112+74.5	TO	129+42.5	1668.0	1.0	18.5	1668.0			
STA.	129+75.8	TO	135+22.2	546.4	1.0	6.1	546.4			
STA.	135+43.5	TO	148+28.5	1285.0	1.0	14.2	1285.0			
STA.	148+81.0	TO	149+91.4	110.4	1.0	1.2	110.4			
STA.	150+16.5	TO	156+60.4	643.9	1.0	7.1	643.9			
STA.	156+60.4	TO	157+13.4	MORRIS MILL RD						
STA.	157+13.4	TO	164+50.8	737.4	1.0	8.2	737.4			
STA.	164+74.7	TO	174+32.1	957.4	1.0	10.6	957.4			
STA.	174+69.1	TO	209+07.9	3438.8	1.0	38.1	3438.8			
STA.	209+31.6	TO	222+65.2	1333.6	1.0	14.8	1333.6			
STA.	223+22.4	TO	225+38.8	216.4	1.0	2.4	216.4			
STA.	225+88.6	TO	227+58.5	169.9	1.0	1.9	169.9			
STA.	228+04.6	TO	229+34.0	129.4	1.0	1.4	129.4			
STA.	229+76.4	TO	230+74.4	98.0	1.0	1.1	98.0			
STA.	231+32.5	TO	231+56.9	24.4	1.0	0.3	24.4			
STA.	232+15.5	TO	233+13.8	98.3	1.0	1.1	98.3			
<b>SHOULDER SUBTOTAL</b>						496.0	44548.3			
<b>AGGREGATE FOR TC SUBTOTAL</b>						2298.7				
<b>GRAND TOTAL</b>						<b>2795.0</b>	<b>44548.0</b>			

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET 2	OF 9	SHEETS	STA.	TO STA.
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**SCHEDULE OF QUANTITIES**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(M-15D,4)RS-1	TAZEWELL	78	15
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68C94	











PAVEMENT PATCHING SCHEDULE											
LOCATION	CLASS D PATCHES 13 INCH						CLASS D PATCHES 8 INCH				
	TYPE I	TYPE II		TYPE III		TYPE IV		TYPE II		TYPE III	
	WESTBOUND SQ. YD.	EASTBOUND SQ. YD.	WESTBOUND SQ. YD.	EASTBOUND SQ. YD.	WESTBOUND SQ. YD.	EASTBOUND SQ. YD.	WESTBOUND SQ. YD.	EASTBOUND SQ. YD.	WESTBOUND SQ. YD.	EASTBOUND SQ. YD.	WESTBOUND SQ. YD.
IL 29		48.89	36.67	0.00	0.00	133.33	133.33				
TOWERLINE RD.		12.22	12.22	0.00	0.00	0.00	153.33				
MORRIS MILL RD.		36.67	31.78	24.44	0.00	164.44	266.67				
CATERPILLAR RD.	20.00	68.44	0.00	48.89	0.00	100.00	0.00				
RAILROAD		31.78		0.00		0.00					
HARRIS ST.		48.89	9.78	0.00		0.00					
JOHNSON ST.		0.00	9.78	0.00		48.89					
LINCOLN ST.		39.11	22.00	0.00		0.00					
MCKINSTRY ST.		19.56	9.78	18.33		0.00					
S. DICKEY ST.			19.56								
S. WALNUT ST.		19.56		0.00	42.78	0.00					
S. SPRUCE ST.		9.78	24.44	18.33		0.00					
S. LOCUST ST.		34.22		0.00		0.00	73.33				
BRIDGE								14.67	14.67	17.33	17.33
CEDAR ST.									58.67		
OAK ST.											
<b>SUB-TOTAL</b>	<b>20.00</b>	<b>369.11</b>	<b>176.00</b>	<b>110.00</b>	<b>42.78</b>	<b>446.67</b>	<b>626.67</b>	<b>14.67</b>	<b>73.33</b>	<b>17.33</b>	<b>17.33</b>
<b>WINTER BREAK UP (10%)</b>	<b>2.0</b>	<b>36.9</b>	<b>17.6</b>	<b>11.0</b>	<b>4.3</b>	<b>44.7</b>	<b>62.7</b>	<b>1.5</b>	<b>7.3</b>	<b>1.7</b>	<b>1.7</b>
<b>IN-TOWN DRAINAGE SCHEDULE</b>	<b>8.0</b>	<b>22.4</b>	<b>37.8</b>								
<b>GRAND TOTAL</b>	<b>30.0</b>	<b>622.0</b>	<b>206.0</b>	<b>1181.0</b>	<b>97.0</b>	<b>38.0</b>					

CONCRETE ISLAND SCHEDULE		
LOCATION	CONCRETE MEDIAN (SPECIAL)	CURB REFLECTORS
	SQ. FT.	EACH
IL 122 at IL 29	314.5	6.0
IL 122 at Caterpillar Road	229.0	
<b>SUBTOTAL</b>	<b>543.5</b>	<b>6.0</b>
<b>GRAND TOTAL</b>	<b>544.0</b>	<b>6.0</b>

SIDEWALK SCHEDULE			
LOCATION	SIDEWALK REMOVAL	PCC SIDEWALK 4 INCH (SPECIAL)	
		SQ. FT.	SQ. FT.
<b>RT. IL-122</b>			
STA. 279+31.0	19.7		15.3
STA. 280+18.0	24.0		12
STA. 281+35.0	13.7		11.8
<b>LT. IL-122</b>			
STA. 276+89.0	72.7		72.7
STA. 277+86.0	22.5		22.5
STA. 278+80.0 TO 279+21.0	296.4		
STA. 279+21.0 TO 279+32.0	50.8		50.8
STA. 279+32.0 TO 279+65.0	149.1		
STA. 279+85.0 TO 280+29.0	222.5		
STA. 280+72.0	39.5		21.6
STA. 281+20.0	44.9		29.4
<b>SUBTOTAL</b>	<b>955.8</b>		<b>236.1</b>
<b>ADA SUBTOTAL</b>	<b>10771.8</b>		<b>12214.4</b>
<b>GRAND TOTAL</b>	<b>11728.0</b>		<b>12451.0</b>

COMBINATION CURB AND GUTTER SCHEDULE						
LOCATION	COMBINATION CURB AND GUTTER REMOVAL	CCC&G, TYPE B-6.18 (SPECIAL)		CCC&G TYPE B6.24		
		FOOT	FOOT	FOOT	FOOT	
<b>RT. IL-122</b>						
STA. 275+17.4 TO 278+31.0	328.8		328.8			
STA. 278+81.3 TO 281+75.0	293.7		293.7			
STA. 282+21.3 TO 285+27.5	316.2		316.2			
<b>LT. IL-122</b>						
STA. 233+72.1 TO 234+20.1	48.0				48.0	
STA. 275+17.4 TO 278+31.2	321.3		321.3			
STA. 278+80.0 TO 281+76.2	296.4		296.4			
STA. 282+21.4 TO 285+26.4	255.7		255.7			
<b>SUBTOTAL</b>	<b>1860.1</b>		<b>1812.1</b>		<b>48.0</b>	
<b>ADA SUBTOTAL</b>	<b>1272.5</b>		<b>272.0</b>		<b>211.5</b>	
<b>GRAND TOTAL</b>	<b>3133.0</b>		<b>2084.0</b>		<b>260.0</b>	

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES			
SCALE:	SHEET 7	OF 9 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(M-15D,4)RS-1	TAZEWELL	78	20
CONTRACT NO. 68C94				
ILLINOIS FED. AID PROJECT				

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 - LINE 12" - PAINT	TEMPORARY PAVEMENT MARKING - LINE 24" - PAINT	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS - PAINT		
				YELLOW SOLID FOOT	YELLOW CL SKIP FOOT	WHITE PARKING FOOT	YELLOW PARKING FOOT	WHITE SOLID FOOT	WHITE SOLID FOOT	WHITE SOLID FOOT	WHITE SOLID FOOT	WHITE SOLID FOOT	WHITE SQ. FT.	
				<b>IL 122</b>										
				STA.	00+12.0	TO	01+50.0	248.0				286.0	203.5	103.0
STA.	01+50.0	TO	104+75.0		2580.0			20425.0						
STA.	104+75.0	TO	157+21.0		1310.0			10351.0						
STA.	157+21.0	TO	210+00.0		1320.0			10408.0						
STA.	210+00.0	TO	222+00.0		300.0			2400.0						
STA.	222+00.0	TO	231+00.0	900.0	230.0			1800.0		22.0	61.2			
STA.	231+00.0	TO	233+24.0	448.0				448.0		11.0				
RAILROAD OMISSION														
STA.	233+50.0	TO	238+57.0	1014.0				908.0		33.0	61.2			
STA.	238+57.0	TO	242+93.0	436.0	110.0			734.5						
STA.	242+93.0	TO	245+86.0		70.0			459.8						
STA.	245+86.0	TO	249+43.0		90.0			586.5						
STA.	249+43.0	TO	253+02.0		90.0			596.8						
STA.	253+02.0	TO	256+66.0		90.0			601.0						
STA.	256+66.0	TO	260+23.0		90.0			597.4						
STA.	260+23.0	TO	260+93.0		20.0			133.7						
STA.	260+93.0	TO	264+01.0	450.0		126.7		668.5		43.0	3.1			
STA.	264+01.0	TO	268+34.0	706.0		207.2	330.1							
STA.	268+34.0	TO	275+02.0	1496.0				1387.3						
STA.	275+02.0	TO	276+20.0	236.0				236.8						
STA.	276+20.0	TO	278+71.0		70.0			393.1						
STA.	278+71.0	TO	282+34.0		90.0			618.9						
STA.	282+34.0	TO	285+67.4		80.0			589.1						
STA. EQ. 285+67.36 BK = 0+06 AH														
STA.	00+06.0	TO	01+01.0		20.0			135.9						
<b>SUBTOTAL</b>				5934.0	6560.0	333.9	330.1	54765.3	203.5	103.0	133.0	125.5		
<b>GRAND TOTAL</b>				13158.0			54765.0	204.0	103.0	133.0	126.0			

SHORT TERM PAVEMENT MARKING TABLE										
LOCATION				SHORT TERM PAVEMENT MARKING						SHORT TERM PAVEMENT MARKING REMOVAL SQ. FT.
				CENTERLINE APPLICATION				LINE 24"		
				# OF APPLICATIONS	TAPE FOOT	# OF APPLICATIONS	PAINT FOOT	# OF APPLICATIONS	TAPE FOOT	
<b>IL 122</b>										
STA.	00+12.0	TO	01+50.0	2	32.0	2	32.0	3.0	114.0	81.3
STA.	01+50.0	TO	104+75.0	2	2072.0	2	2072.0			345.3
STA.	104+75.0	TO	157+21.0	2	1056.0	2	1056.0			176.0
STA.	157+21.0	TO	210+00.0	2	1056.0	2	1056.0			176.0
STA.	210+00.0	TO	222+00.0	2	240.0	2	240.0			40.0
STA.	222+00.0	TO	229+27.0	2	152.0	2	152.0			25.3
STA.	229+27.0	TO	231+00.0	2	40.0	2	40.0			6.7
STA.	231+00.0	TO	233+24.0	3	72.0			3.0	33.0	30.0
RAILROAD OMISSION										
STA.	233+50.0	TO	238+57.0	3	156.0			3.0	33.0	39.3
STA.	238+57.0	TO	242+93.0	3	132.0					14.7
STA.	242+93.0	TO	245+86.0	3	96.0					10.7
STA.	245+86.0	TO	249+43.0	3	108.0					12.0
STA.	249+43.0	TO	253+02.0	3	108.0					12.0
STA.	253+02.0	TO	256+66.0	3	120.0					13.3
STA.	256+66.0	TO	260+23.0	3	108.0					12.0
STA.	260+23.0	TO	260+93.0	3	24.0					2.7
STA.	260+93.0	TO	264+01.0	3	96.0			3.0	129.0	96.7
STA.	264+01.0	TO	268+34.0	3	132.0					14.7
STA.	268+34.0	TO	275+02.0	3	204.0					22.7
STA.	275+02.0	TO	276+20.0	3	36.0					4.0
STA.	276+20.0	TO	278+71.0	3	84.0					9.3
STA.	278+71.0	TO	282+34.0	3	120.0					13.3
STA.	282+34.0	TO	285+67.4	3	108.0					12.0
STA. EQ. 285+67.36 BK = 0+06 AH										
STA.	00+06.0	TO	01+01.0	3	36.0					2.7
<b>SUBTOTAL</b>					6388.0		4648.0		309.0	1172.7
<b>GRAND TOTAL</b>				11345.0						1173.0
SHORT TERM PAVEMENT MARKING REMOVAL ONLY REQUIRED FOR ONE APPLICATION PAINT TO BE USED ON CIR SURFACE										

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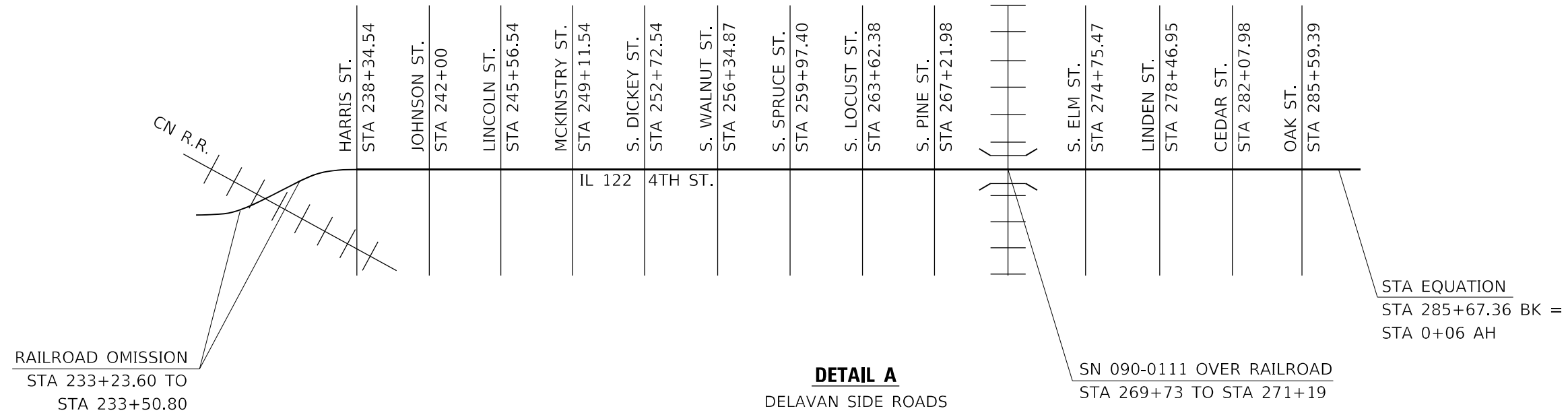
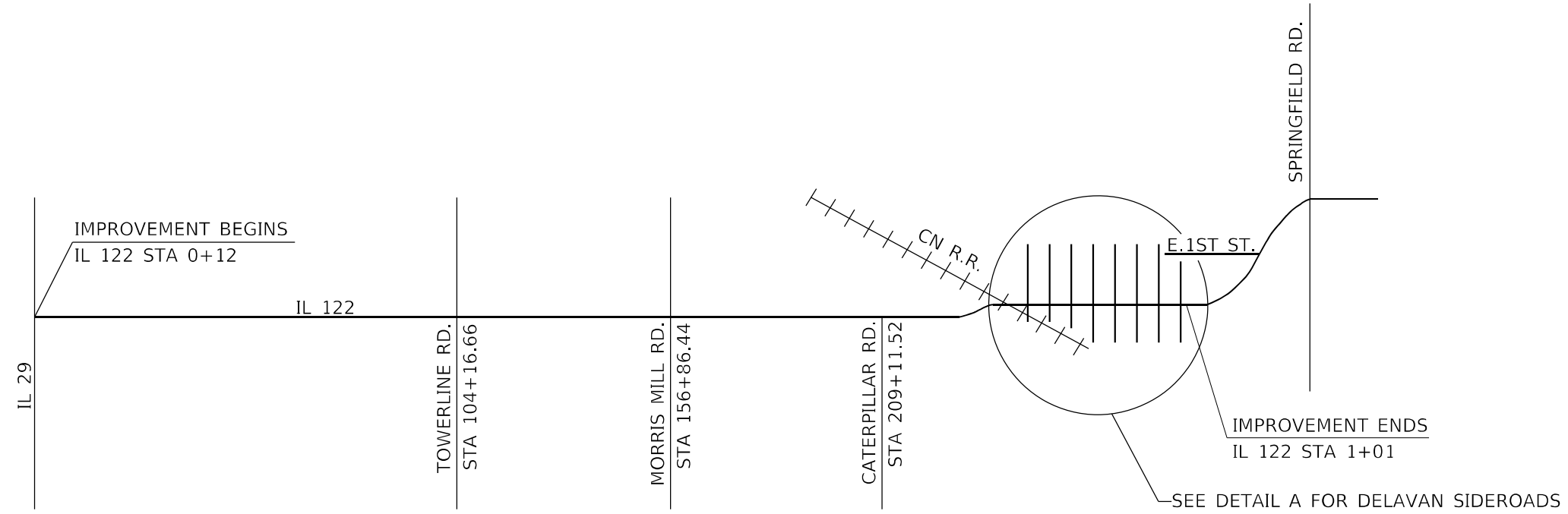
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SCHEDULE OF QUANTITIES</b>			
SCALE:	SHEET 8	OF 9 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(M-15D.4)RS-1	TAZEWELL	78	21
			CONTRACT NO. 68C94	
		ILLINOIS	FED. AID PROJECT	







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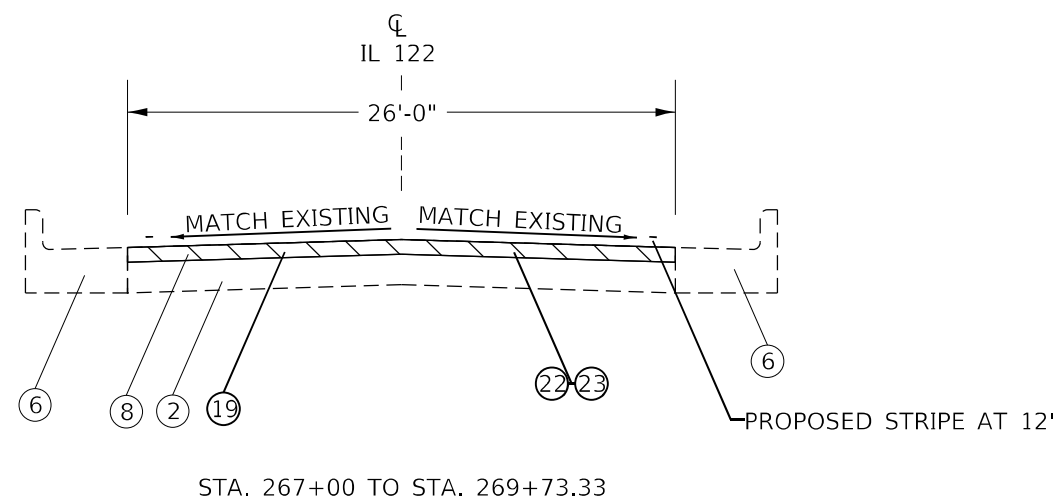
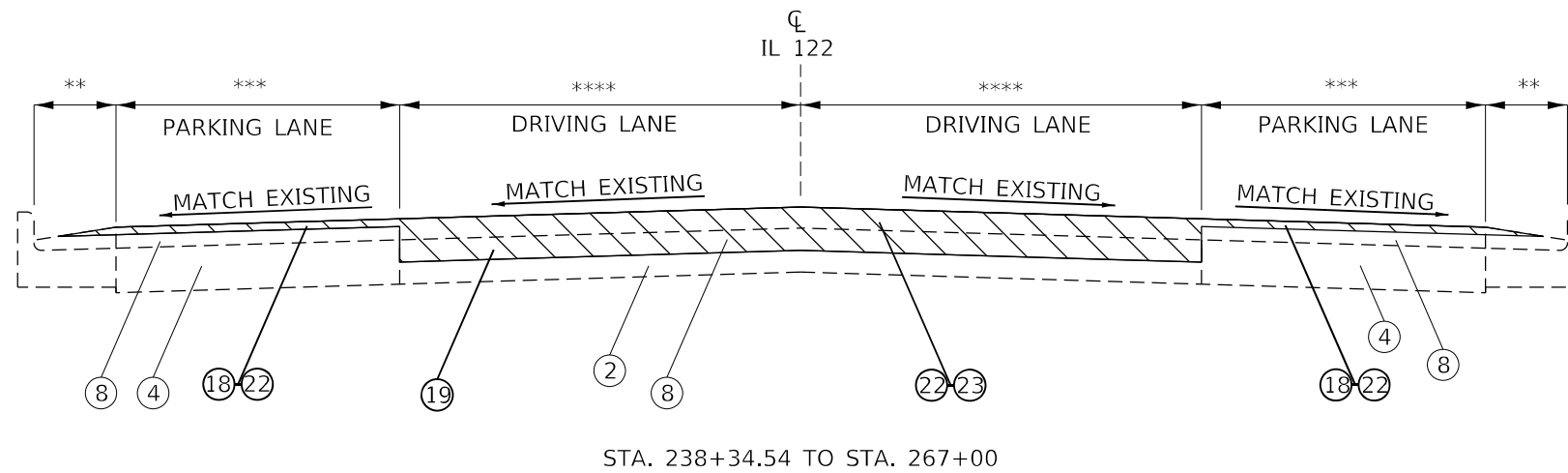
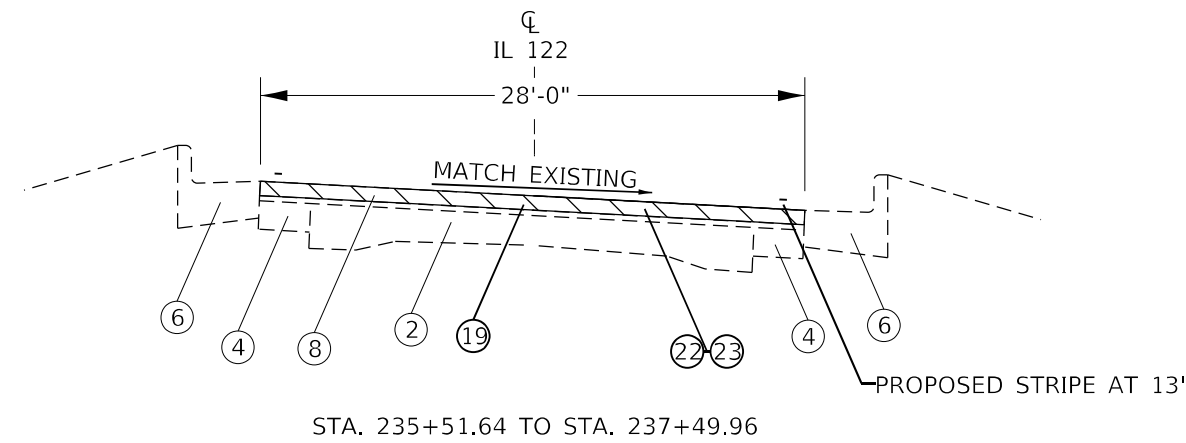
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LINE DIAGRAM**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(M-15D.4)RS-1	TAZEWELL	78	23
CONTRACT NO. 68C94				
ILLINOIS FED. AID PROJECT				





**LEGEND**

**EXISTING ITEMS**

- ① 9-6-9 PCC PAVEMENT
- ② BIT. CONC. PAVEMENT, 7"
- ③ PCC BRIDGE DECK
- ④ BIT. BASE COURSE WIDENING
- ⑤ CONC. CURB & GUTTER, B6.18
- ⑥ CONC. CURB & GUTTER, B6.24
- ⑦ BIT. OVERLAY (2.5"±)
- ⑧ BIT. OVERLAY (4.5"±)
- ⑨ BIT. OVERLAY (6.5"±)
- ⑩ HMA SHOULDERS
- ⑪ AGG. SHOULDER
- ⑫ SIDEWALK

**PROPOSED ITEMS**

- ⑮ COLD-IN-PLACE RECYCLING, 4"
- ⑯ HMA SURFACE REMOVAL, VARIABLE DEPTH (SLOPE CORRECTION AFTER CIR)
- ⑰ HMA SURFACE REMOVAL, VARIABLE DEPTH, 1.5"-2.5" (REMOVE TO CONCRETE)
- ⑱ HMA SURFACE REMOVAL, 1.5"
- ⑲ HMA SURFACE REMOVAL, 3.75"
- ⑳ EXCAVATING AND GRADING EXISTING SHOULDER (SPECIAL)
- ㉑ POLY HMA BINDER, 1"
- ㉒ POLY HMA SURFACE COURSE, 1.5"
- ㉓ POLY HMA BINDER, 2.25"
- ㉔ HMA SHOULDERS, 6.5"
- ㉕ AGGREGATE SHOULDERS, TYPE B
- ㉖ CONC. CURB & GUTTER, B6.18
- ㉗ SHOULDER RUMBLE STRIPS, 8"

**NOTE:**

\* THE DIFFERENCE BETWEEN SHOULDER SLOPE AND MAINLINE SLOPE SHALL NOT EXCEED 8%

**\*\* CC&G**

2' - STA. 238+34.54 TO STA. 261+93.9  
(EXISTING PAVEMENT COVERING PAN OF CURB, TYPE B6.18)  
0' - STA. 261+93.9 TO STA. 265+50.9  
(PAN OF CURB EXPOSED, TYPE B6.12)  
2' - STA. 265+50.9 TO STA. 267+00  
(EXISTING PAVEMENT COVERING PAN OF CURB, TYPE B6.18)

**\*\*\* PARKING LANE**

7' - STA. 238+34.54 TO STA. 261+93.9  
9.5' - STA. 261+93.9 TO STA. 265+50.9  
8.5' - STA. 265+50.9 TO STA. 267+00

**\*\*\*\* DRIVING LANE**

11' - STA. 238+34.54 TO STA. 261+93.9  
12' - STA. 261+93.9 TO STA. 267+00

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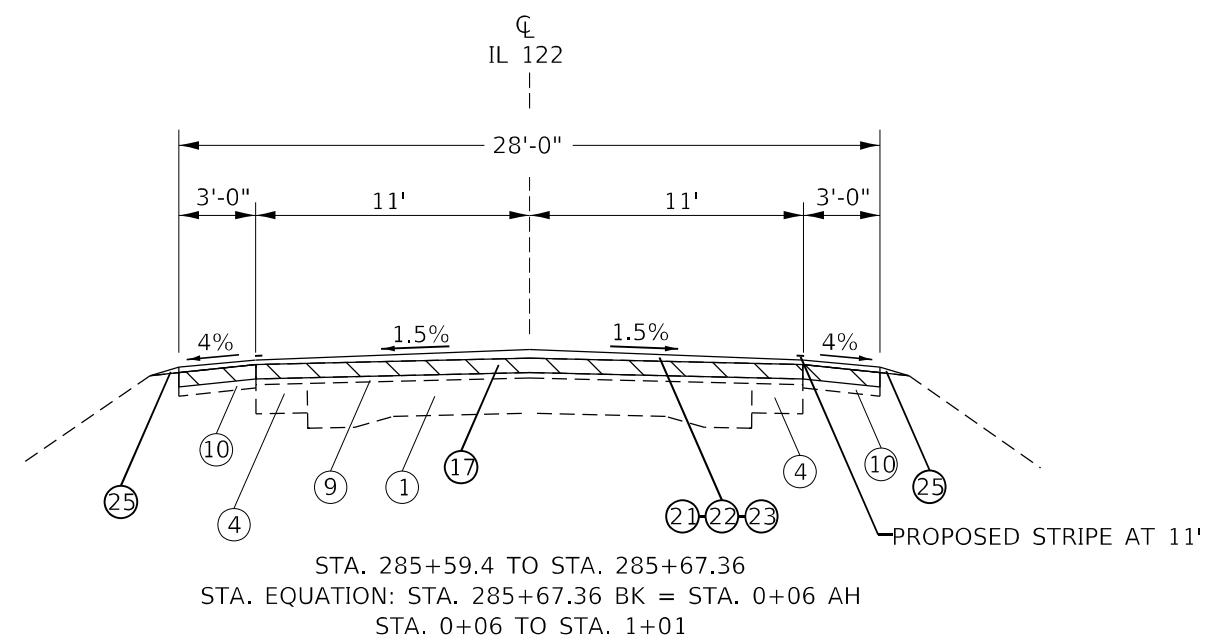
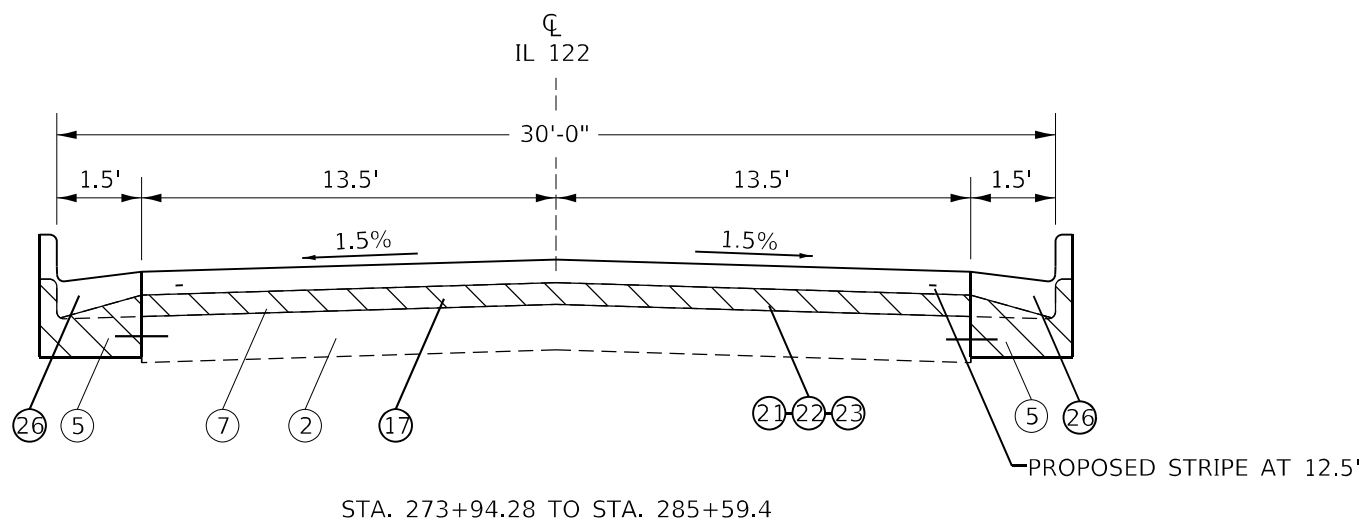
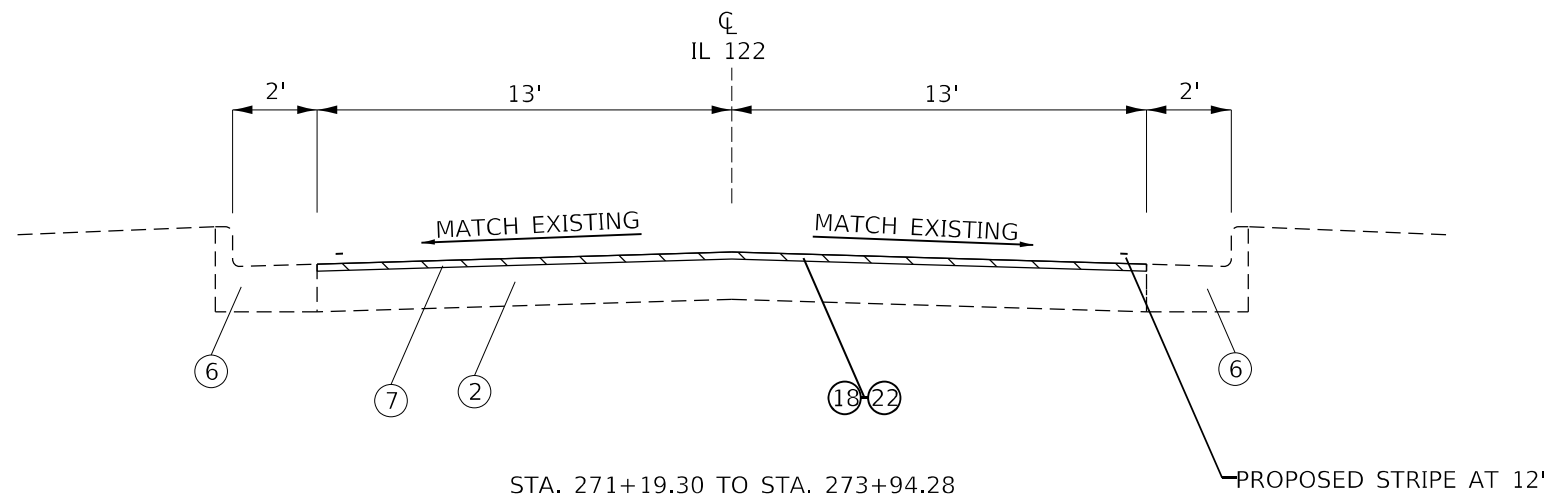
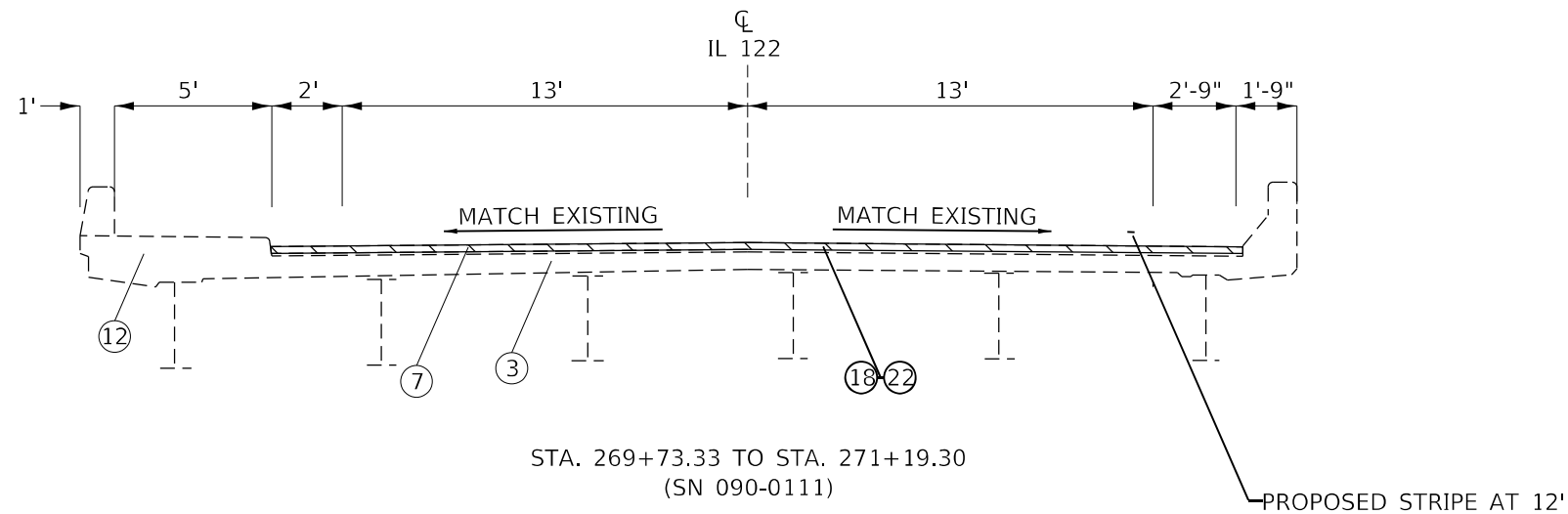
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(M-15D.4)RS-1	TAZEWELL	78	25
			CONTRACT NO. 68C94	
		ILLINOIS	FED. AID PROJECT	



**LEGEND**

**EXISTING ITEMS**

- ① 9-6-9 PCC PAVEMENT
- ② BIT. CONC. PAVEMENT, 7"
- ③ PCC BRIDGE DECK
- ④ BIT. BASE COURSE WIDENING
- ⑤ CONC. CURB & GUTTER, B6.18
- ⑥ CONC. CURB & GUTTER, B6.24
- ⑦ BIT. OVERLAY (2.5"±)
- ⑧ BIT. OVERLAY (4.5"±)
- ⑨ BIT. OVERLAY (6.5"±)
- ⑩ HMA SHOULDERS
- ⑪ AGG. SHOULDER
- ⑫ SIDEWALK

**PROPOSED ITEMS**

- ⑮ COLD-IN-PLACE RECYCLING, 4"
- ⑯ HMA SURFACE REMOVAL, VARIABLE DEPTH (SLOPE CORRECTION AFTER CIR)
- ⑰ HMA SURFACE REMOVAL, VARIABLE DEPTH, 1.5"-2.5" (REMOVE TO CONCRETE)
- ⑱ HMA SURFACE REMOVAL, 1.5"
- ⑲ HMA SURFACE REMOVAL, 3.75"
- ⑳ EXCAVATING AND GRADING EXISTING SHOULDER (SPECIAL)
- ㉑ POLY HMA BINDER, 1"
- ㉒ POLY HMA SURFACE COURSE, 1.5"
- ㉓ POLY HMA BINDER, 2.25"
- ㉔ HMA SHOULDERS, 6.5"
- ㉕ AGGREGATE SHOULDERS, TYPE B
- ㉖ CONC. CURB & GUTTER, B6.18
- ㉗ SHOULDER RUMBLE STRIPS, 8"

**NOTE:**

\* THE DIFFERENCE BETWEEN SHOULDER SLOPE AND MAINLINE SLOPE SHALL NOT EXCEED 8%

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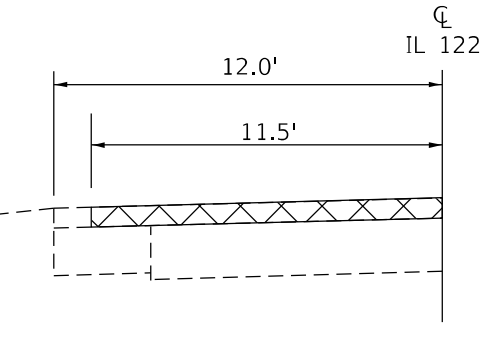
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS**

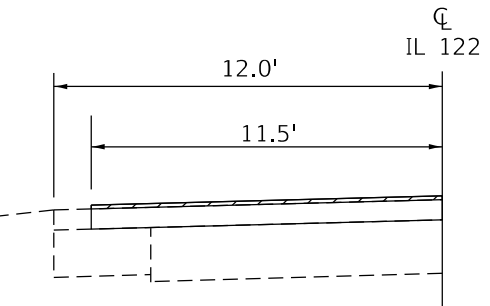
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705	(M-15D.4)RS-1	TAZEWELL	78	26
CONTRACT NO. 68C94			ILLINOIS FED. AID PROJECT	

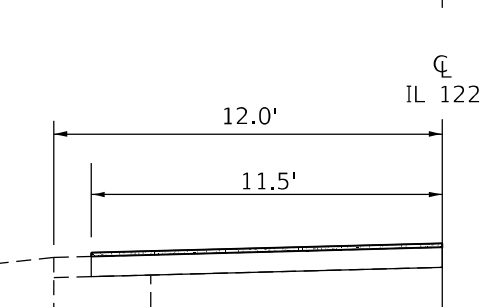
COLD-IN-PLACE RECYCLING  
SEQUENCE OF OPERATIONS  
STA. 0+12 TO 229+27.2



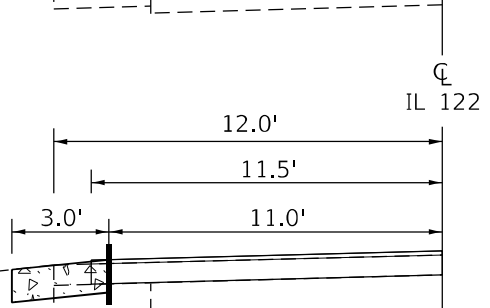
1. COMPLETE CLASS D PATCHING (FULL DEPTH)  
PLACE AGGREGATE SHOULDERS, TYPE B  
FOR TRAFFIC CONTROL



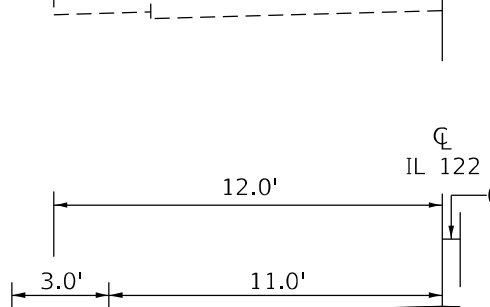
2. COLD-IN-PLACE RECYCLE (4")  
PLACE SHORT TERM PAVEMENT MARKINGS  
(PAINT SHALL BE USED ON CIR SURFACE)



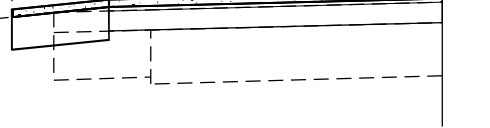
3. HMA SURFACE REMOVAL, VARIABLE DEPTH  
(SEE CIR SPECIAL PROVISION)



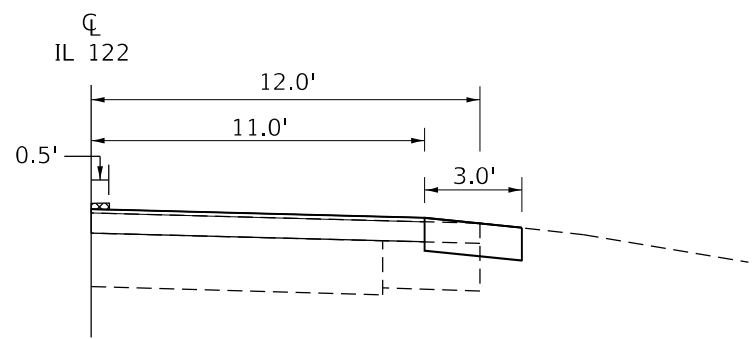
4. PLACE 1.0" POLY. HMA BINDER COURSE  
PLACE SHORT TERM PAVEMENT MARKINGS



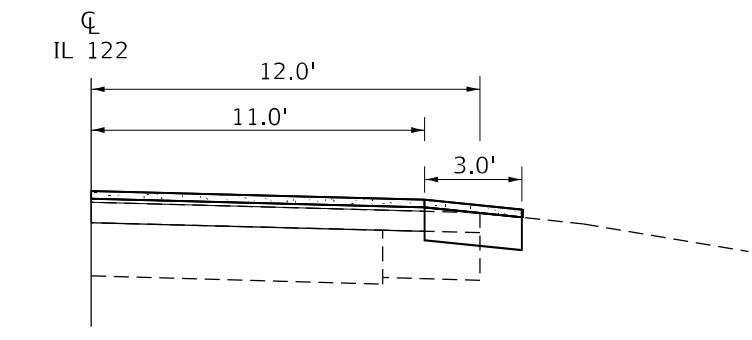
6. SAW CUT AT 11' FROM CL AND EXCAVATE AND  
GRADE EXISTING SHOULDER (3' WIDE)  
7. PLACE HMA SHOULDERS (6.5")



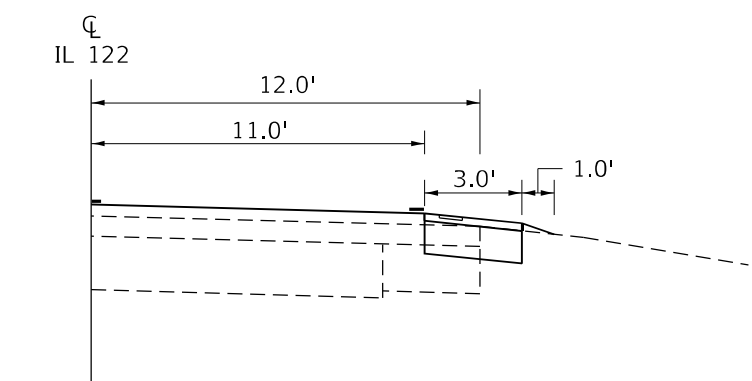
8. PLACE 1.5" P. HMA SURFACE COURSE  
MONOLITHICALLY WITH 3' SHOULDER - EXTENDING 6"  
INTO THE OPPOSITE LANE (SEE SPECIAL PROVISION)  
PLACE SHORT TERM PAVEMENT MARKINGS



9. JOINT TRIM CENTERLINE (PAID FOR  
AS HMA SURFACE REMOVAL, SPECIAL)



10. PLACE 1.5" P. HMA SURFACE COURSE  
MONOLITHICALLY WITH 3' SHOULDER  
ON REMAINING LANE



11. PLACE 1' AGGREGATE SHOULDERS, TYPE B  
GROOVE RUMBLE STRIP INTO SHOULDER  
PLACE PAVEMENT MARKINGS AND RPMS

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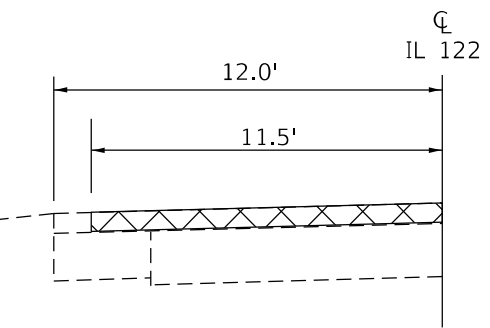
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

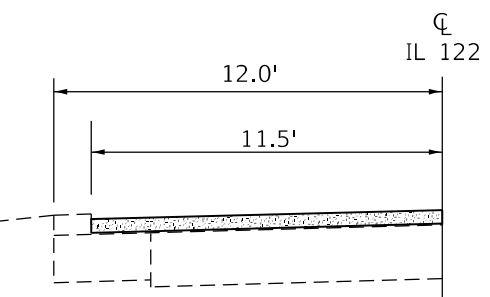
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 68C94				
ILLINOIS FED. AID PROJECT				

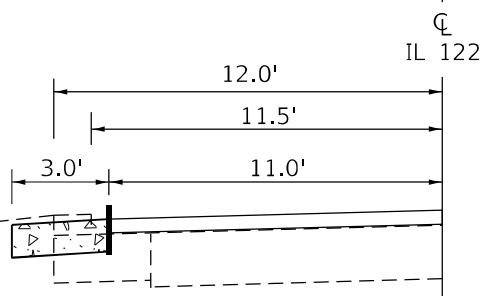
MILL & FILL 3.75"  
SEQUENCE OF OPERATIONS  
STA. 229+27.2 TO 233+23.8



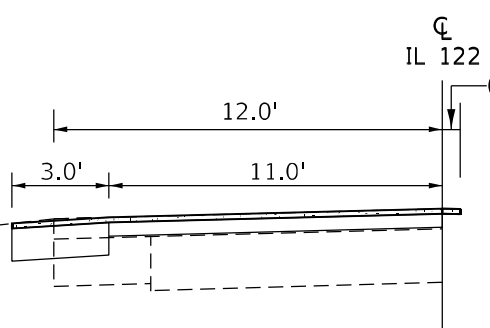
1. COMPLETE CLASS D PATCHING (FULL DEPTH)
2. HMA SURFACE REMOVAL, 3.75" PLACE SHORT TERM PAVEMENT MARKINGS



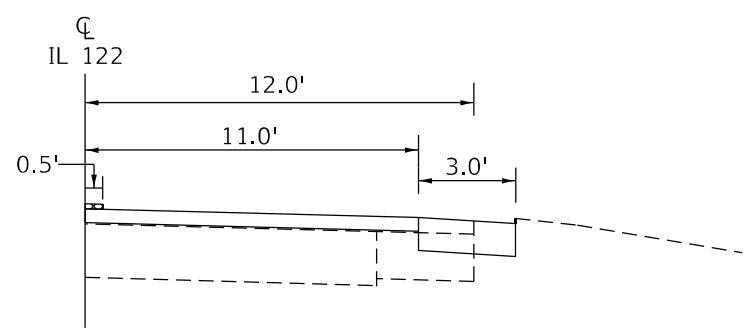
3. PLACE 2.25" HMA BINDER COURSE PLACE SHORT TERM PAVEMENT MARKINGS



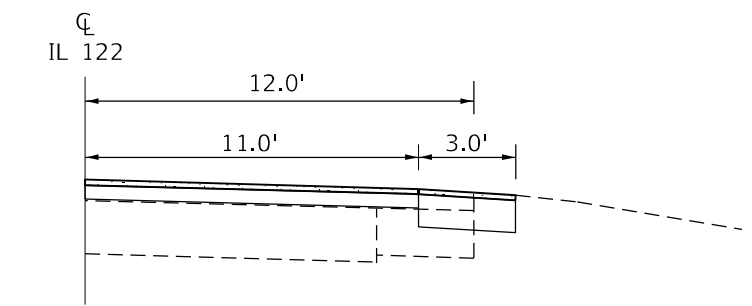
4. SAW CUT AT 11' FROM CL AND EXCAVATE AND GRADE EXISTING SHOULDER (3' WIDE)
5. PLACE HMA SHOULDERS (6.5")



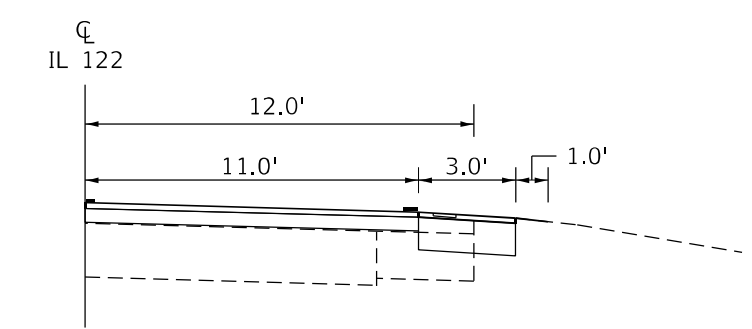
6. PLACE 1.5" P. HMA SURFACE COURSE MONOLITHICALLY WITH 3' SHOULDER - EXTENDING 6" INTO THE OPPOSITE LANE (SEE SPECIAL PROVISION) PLACE SHORT TERM PAVEMENT MARKINGS



7. JOINT TRIM CENTERLINE (PAID FOR AS HMA SURFACE REMOVAL, SPECIAL)



8. PLACE 1.5" P. HMA SURFACE COURSE MONOLITHICALLY WITH 3' SHOULDER ON REMAINING LANE



9. PLACE 1' AGGREGATE SHOULDERS, TYPE B GROOVE RUMBLE STRIP INTO SHOULDER PLACE PAVEMENT MARKINGS AND RPMS

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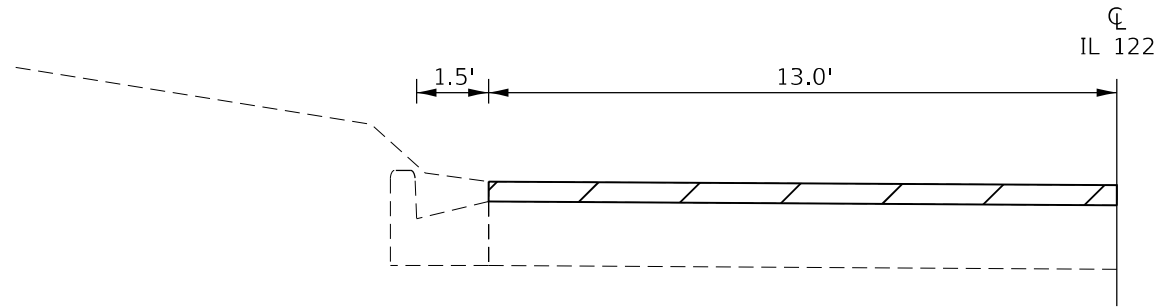
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION


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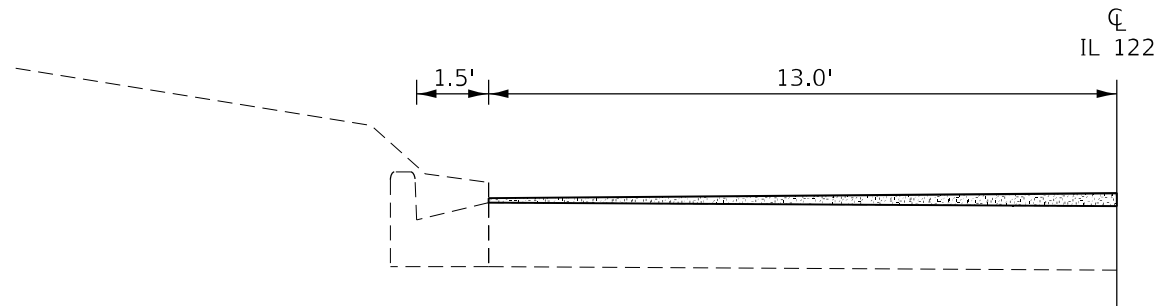
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CONTRACT NO. 68C94				
ILLINOIS FED. AID PROJECT				




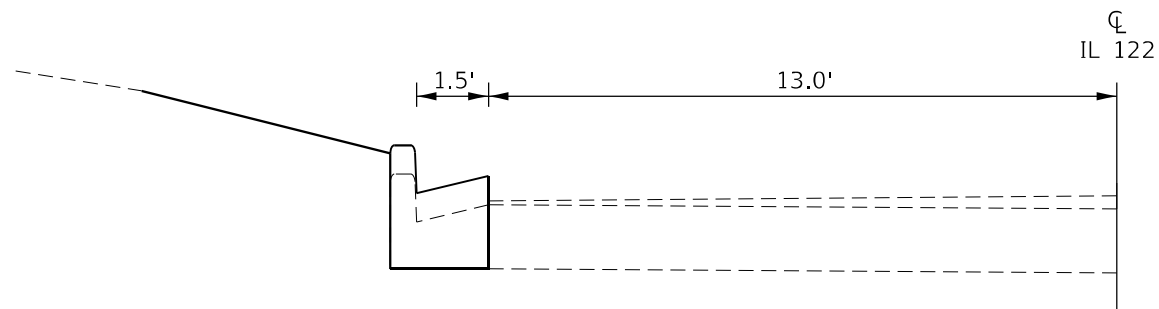
ELM ST. TO OAK ST. (STA. 273+94.3 TO 1+01)  
SEQUENCE OF OPERATIONS



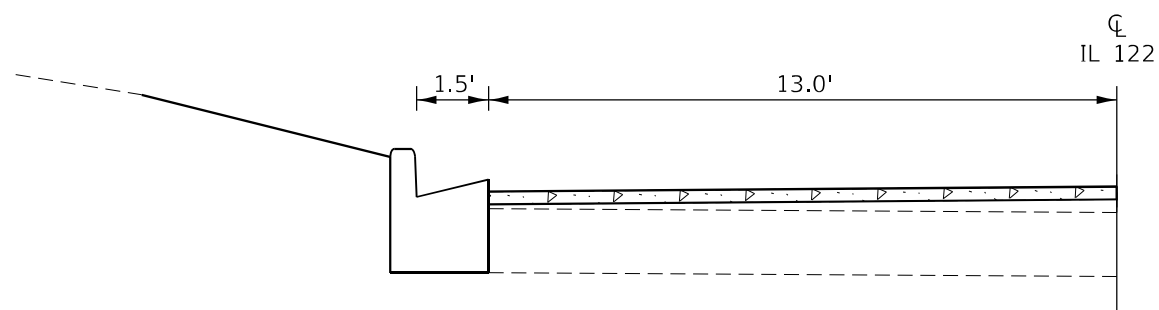
1. REMOVE HMA SURFACE TO CONCRETE   
NO TRAFFIC SHALL BE ALLOWED ON BARE CONCRETE
2. JOINTS SHALL BE BLOWN OUT AND CRACKS FILLED WITH POLY. HMA BINDER COURSE  
  
EXTREMELY DETERIORATED AREAS SHALL BE MARKED & RECORDED FOR FUTURE FULL DEPTH CLASS D PATCH




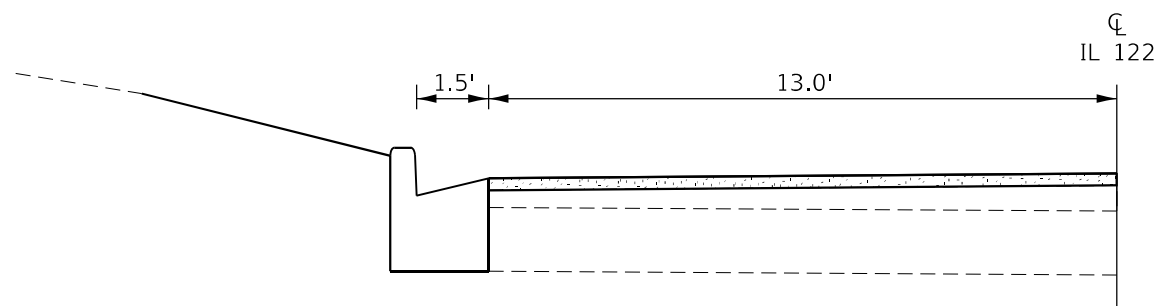
3. PLACE 1.0" POLY. HMA BINDER COURSE   
PLACE SHORT TERM PAVEMENT MARKINGS
4. CLASS D PATCHES SHALL BE LOCATED AND PLACED AFTER 1.0" P. HMA BINDER COURSE HAS BEEN PLACED.




4. PLACE CCC&G



5. PLACE 2.25" HMA BINDER COURSE   
PLACE SHORT-TERM PAVEMENT MARKINGS



6. PLACE 1.5" POLY. HMA SURFACE COURSE   
PLACE PAVEMENT MARKINGS AND RPMS

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SEQUENCE OF OPERATIONS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(M-15D.4)RS-1	TAZEWELL	78	29
CONTRACT NO. 68C94			ILLINOIS FED. AID PROJECT	



STA. 0+30.9  
CONCRETE MEDIAN (SPECIAL) = 314.5 SQ. FT.

STA. 0+12 (IL 29 E.O.P.) TO STA. 0+74.7  
HMA SURFACE REMOVAL - BUTT JOINT = 565.7 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

CURED IN PLACE PIPE LINER, 24" = 104.0 FT.  
GRADING AND SHAPING DITCHES, SPECIAL  
= 100.0 FT. (UPSTREAM)  
= 200.0 FT. (DOWNSTREAM)  
STONE RIPRAP, CLASS B4 SPECIAL  
= 16.7 TONS (UPSTREAM)  
= 41.7 TONS (DOWNSTREAM)

STA. 0+74.7 TO STA. 1+24.7  
HMA SURFACE REMOVAL - BUTT JOINT = 156.6 SQ. YD.  
(SEE BUTT-JOINT DETAIL SHEET)  
VARIES POLY HMA BINDER COURSE, IL-4.75, N50  
1.5" POLY HMA SURF COURSE, IL-9.5, MIX "D", N50

STA. 2+18.4 LT.  
INCIDENTAL HMA SURFACING = 2.9 TON  
(MAILBOX TURNOUT - SEE STD 406201-D4)

STA. 5+26.5 LT.  
INCIDENTAL HMA SURFACING  
= 3.3 TON  
(MAILBOX TURNOUT - SEE STD 406201-D4)

STA. 2+01.1 RT.  
INCIDENTAL HMA SURFACING  
= 2.4 TON

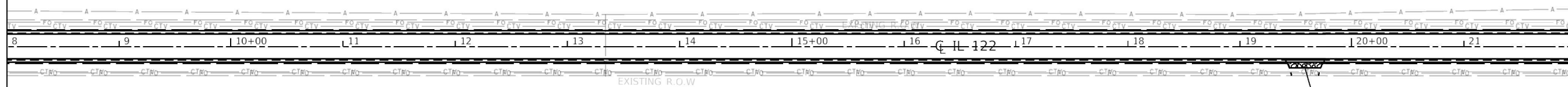
STA. 5+26.0 RT.  
INCIDENTAL HMA SURFACING  
= 1.5 TON

STA. 1+24.7 TO STA. 229+27.2  
COLD IN-PLACE RECYCLING, 4"  
1.0" POLY HMA BINDER COURSE, IL-4.75, N50  
1.5" POLY HMA SURFACE COURSE, IL-9.5, MIX "D", N50

MATCH LINE STA. 8+00



MATCH LINE STA. 8+00



MATCH LINE STA. 22+00

STA. 19+57.8 RT.  
AGG. SURF. COURSE, TYPE A  
= 1.7 TON

**NOTES:**

1. SEE SCHEDULE FOR LOCATIONS AND QUANTITY OF TEMPORARY EROSION CONTROL ITEMS.
2. FLOW ARROWS WERE TAKEN FROM THE ORIGINAL PLANS AND ARE FOR INFORMATION ONLY. LIMITED SURVEY WAS PROVIDED FOR THIS PROJECT.

**LEGEND:**

- |  |                                  |  |                          |
|--|----------------------------------|--|--------------------------|
|  | HMA SURFACE REMOVAL - BUTT JOINT |  | INCIDENTAL HMA SURFACING |
|  | AGG. SURFACE TYPE A              |  | STONE RIPRAP             |



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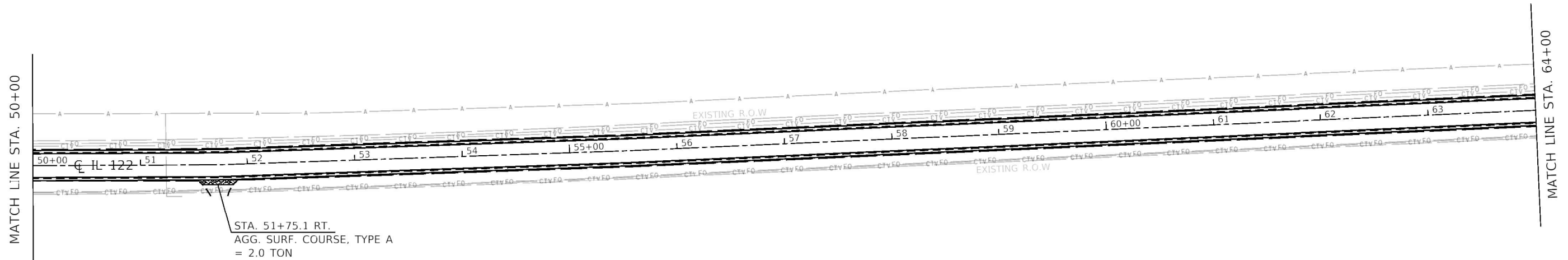
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GENERAL PLAN**

SCALE: SHEET 1 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(M-15D.4)RS-1	TAZEWELL	78	30
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68C94	





**NOTES:**

1. SEE SCHEDULE FOR LOCATIONS AND QUANTITY OF TEMPORARY EROSION CONTROL ITEMS.
2. FLOW ARROWS WERE TAKEN FROM THE ORIGINAL PLANS AND ARE FOR INFORMATION ONLY. LIMITED SURVEY WAS PROVIDED FOR THIS PROJECT.

**LEGEND:**

	HMA SURFACE REMOVAL		BUTT JOINT		INCIDENTAL HMA SURFACING
	AGG. SURFACE TYPE A		STONE RIPRAP		



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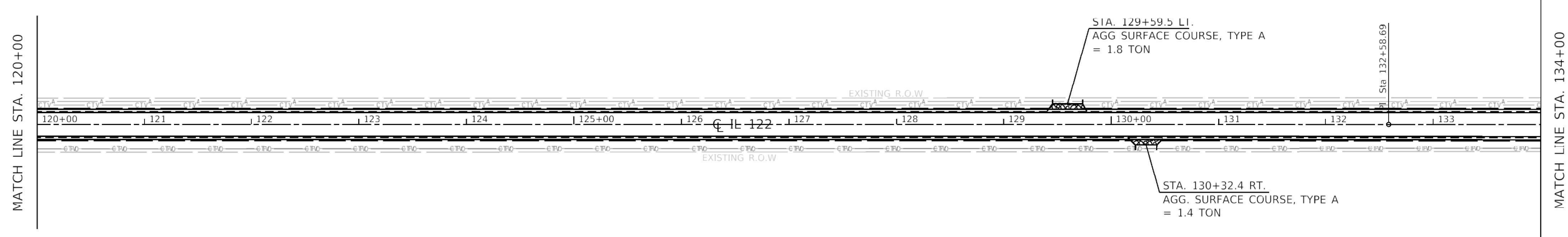
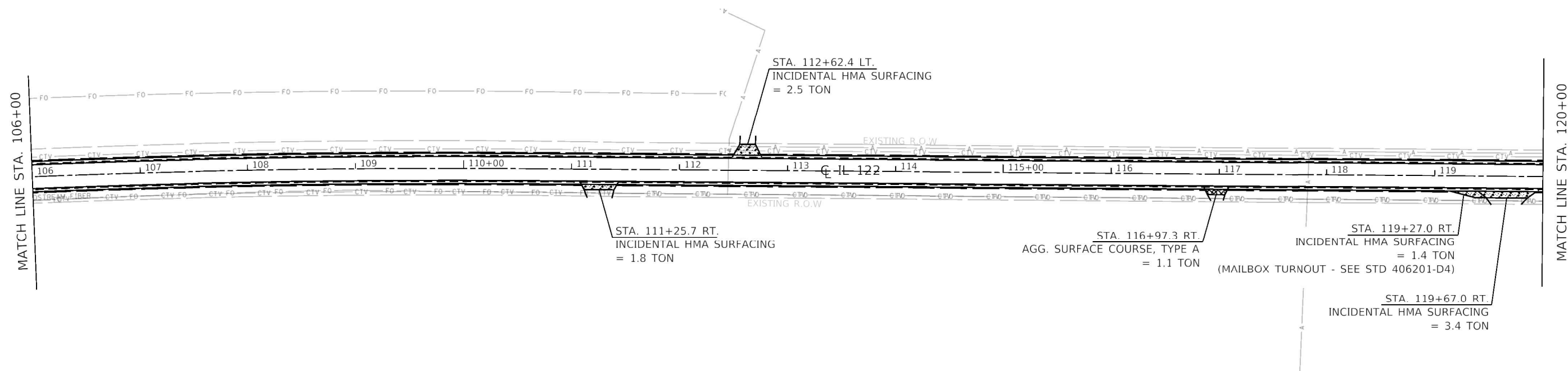
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET 3	OF 12	SHEETS	STA.	TO STA.
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**GENERAL PLAN**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(M-15D.4)RS-1	TAZEWELL	78	32
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68C94	










**NOTES:**

1. SEE SCHEDULE FOR LOCATIONS AND QUANTITY OF TEMPORARY EROSION CONTROL ITEMS.
2. FLOW ARROWS WERE TAKEN FROM THE ORIGINAL PLANS AND ARE FOR INFORMATION ONLY. LIMITED SURVEY WAS PROVIDED FOR THIS PROJECT.

**LEGEND:**

 HMA SURFACE REMOVAL	 BUTT JOINT	 INCIDENTAL HMA SURFACING
 AGG. SURFACE TYPE A	 STONE RIPRAP	



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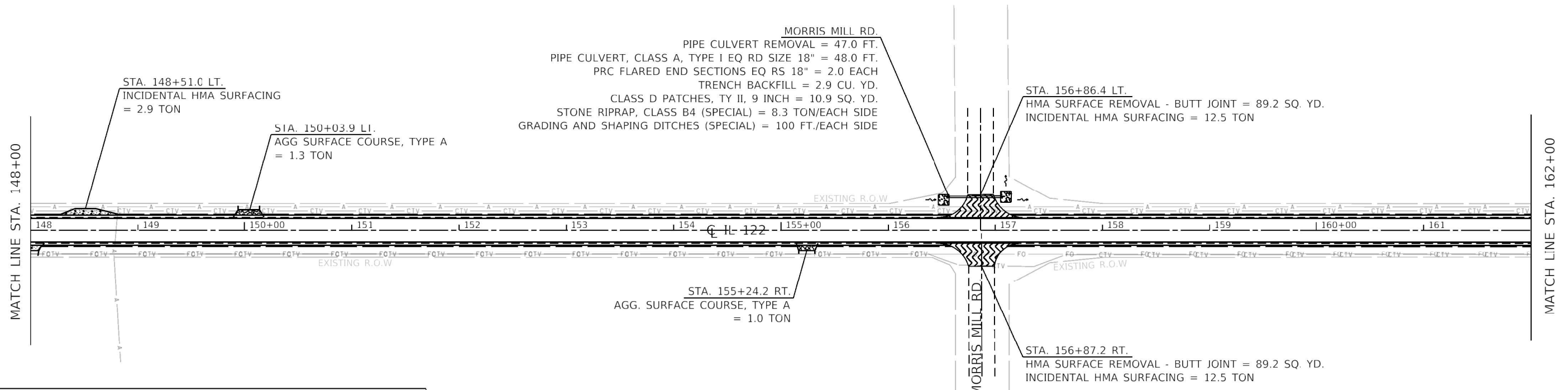
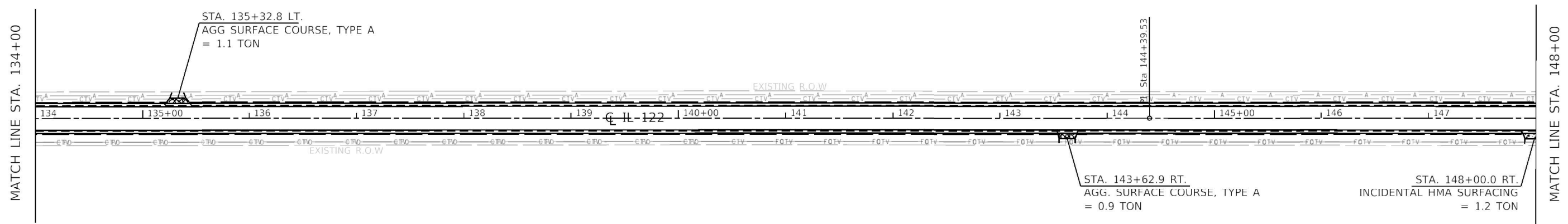
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>GENERAL PLAN</b>			
SCALE:	SHEET 5	OF 12 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(M-15D.4)RS-1	TAZEWELL	78	34
CONTRACT NO. 68C94				
ILLINOIS FED. AID PROJECT				





**NOTES:**

- SEE SCHEDULE FOR LOCATIONS AND QUANTITY OF TEMPORARY EROSION CONTROL ITEMS.
- FLOW ARROWS WERE TAKEN FROM THE ORIGINAL PLANS AND ARE FOR INFORMATION ONLY. LIMITED SURVEY WAS PROVIDED FOR THIS PROJECT.

**LEGEND:**

	HMA SURFACE REMOVAL BUTT JOINT		INCIDENTAL HMA SURFACING
	AGG. SURFACE TYPE A		STONE RIPRAP



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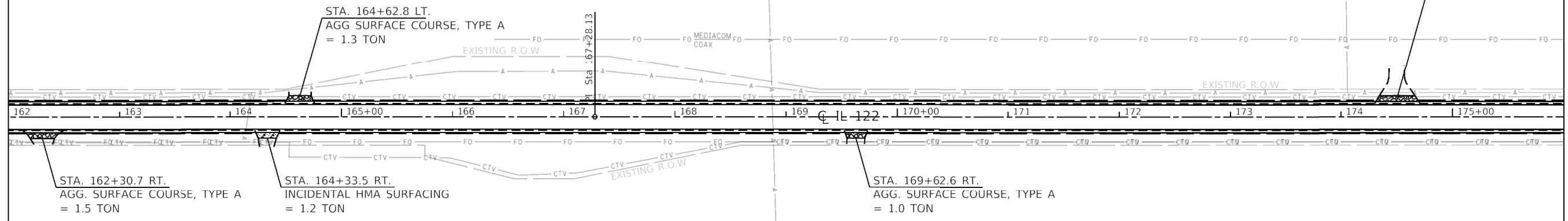
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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ILLINOIS FED. AID PROJECT			CONTRACT NO. 68C94	



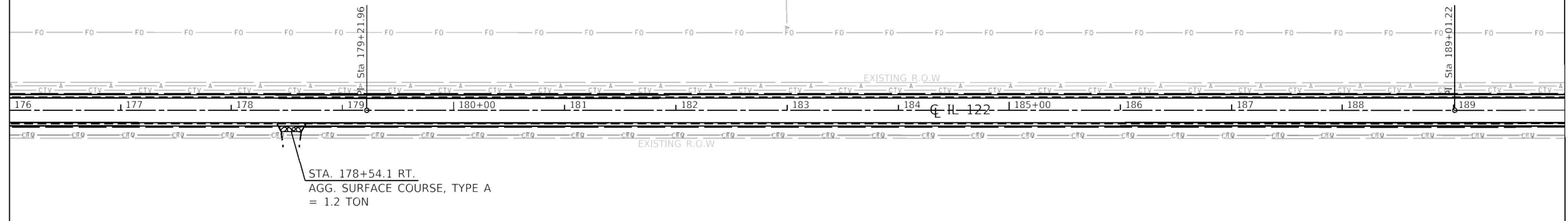
MATCH LINE STA. 162+00



MATCH LINE STA. 176+00



MATCH LINE STA. 176+00



MATCH LINE STA. 190+00

**NOTES:**

1. SEE SCHEDULE FOR LOCATIONS AND QUANTITY OF TEMPORARY EROSION CONTROL ITEMS.
2. FLOW ARROWS WERE TAKEN FROM THE ORIGINAL PLANS AND ARE FOR INFORMATION ONLY. LIMITED SURVEY WAS PROVIDED FOR THIS PROJECT.

**LEGEND:**

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	AGG. SURFACE TYPE A			STONE RIPRAP



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

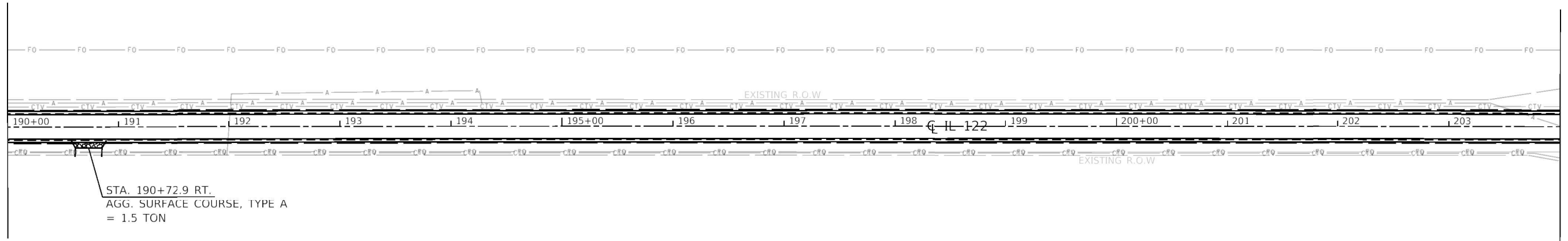
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**GENERAL PLAN**

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CONTRACT NO. 68C94			ILLINOIS FED. AID PROJECT	



MATCH LINE STA. 190+00



MATCH LINE STA. 204+00

**NOTES:**

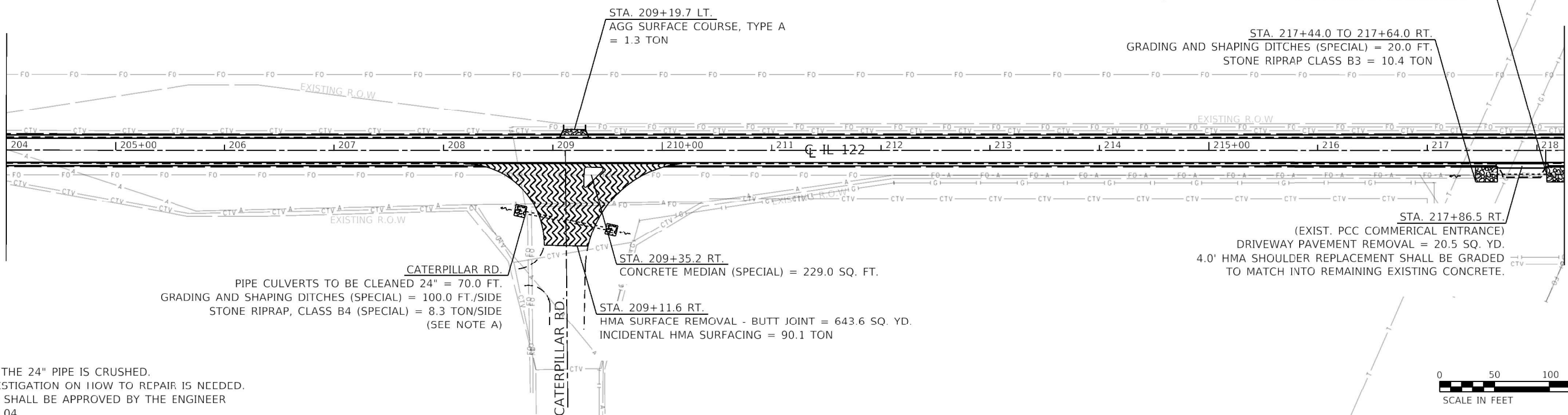
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- FLOW ARROWS WERE TAKEN FROM THE ORIGINAL PLANS AND ARE FOR INFORMATION ONLY. LIMITED SURVEY WAS PROVIDED FOR THIS PROJECT.

**LEGEND:**

	HMA SURFACE REMOVAL - BUTT JOINT		INCIDENTAL HMA SURFACING
	AGG. SURFACE TYPE A		STONE RIPRAP



MATCH LINE STA. 204+00



MATCH LINE STA. 218+00

**NOTE A:**  
 EAST END OF THE 24" PIPE IS CRUSHED.  
 FURTHER INVESTIGATION ON HOW TO REPAIR IS NEEDED.  
 CORRECTIONS SHALL BE APPROVED BY THE ENGINEER  
 AND PAID 109.04



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 SHEET: 8 OF 12

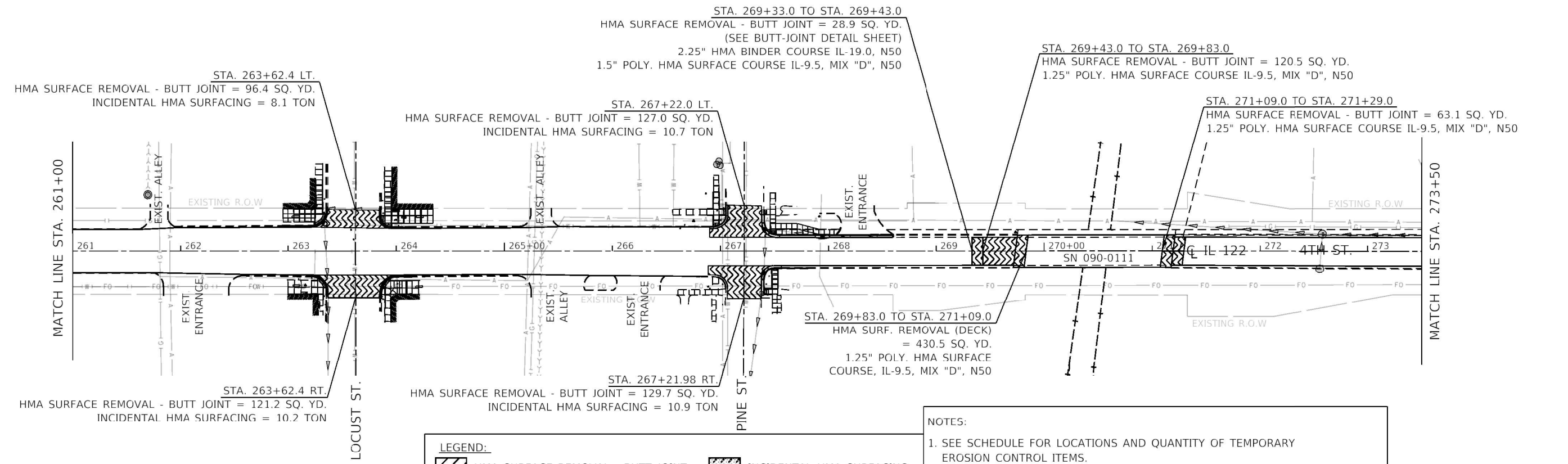
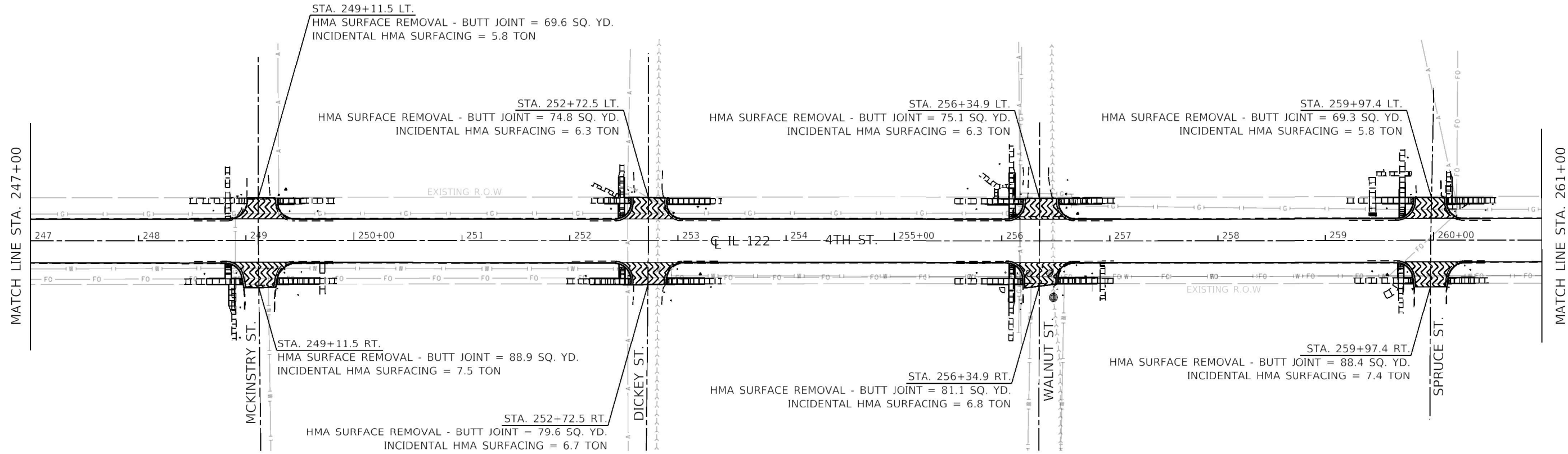
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	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>GENERAL PLAN</b>			
SCALE:	SHEET 8	OF 12 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(M-15D.4)RS-1	TAZEWELL	78	37
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68C94	





**LEGEND:**

HMA SURFACE REMOVAL - BUTT JOINT	INCIDENTAL HMA SURFACING
AGG. SURFACE TYPE A	STONE RIPRAP

**NOTES:**

- SEE SCHEDULE FOR LOCATIONS AND QUANTITY OF TEMPORARY EROSION CONTROL ITEMS.
- FLOW ARROWS WERE TAKEN FROM THE ORIGINAL PLANS AND ARE FOR INFORMATION ONLY. LIMITED SURVEY WAS PROVIDED FOR THIS PROJECT.
- SEE DRAINAGE AND ADA DETAIL SHEETS FOR ADDITIONAL INFORMATION.



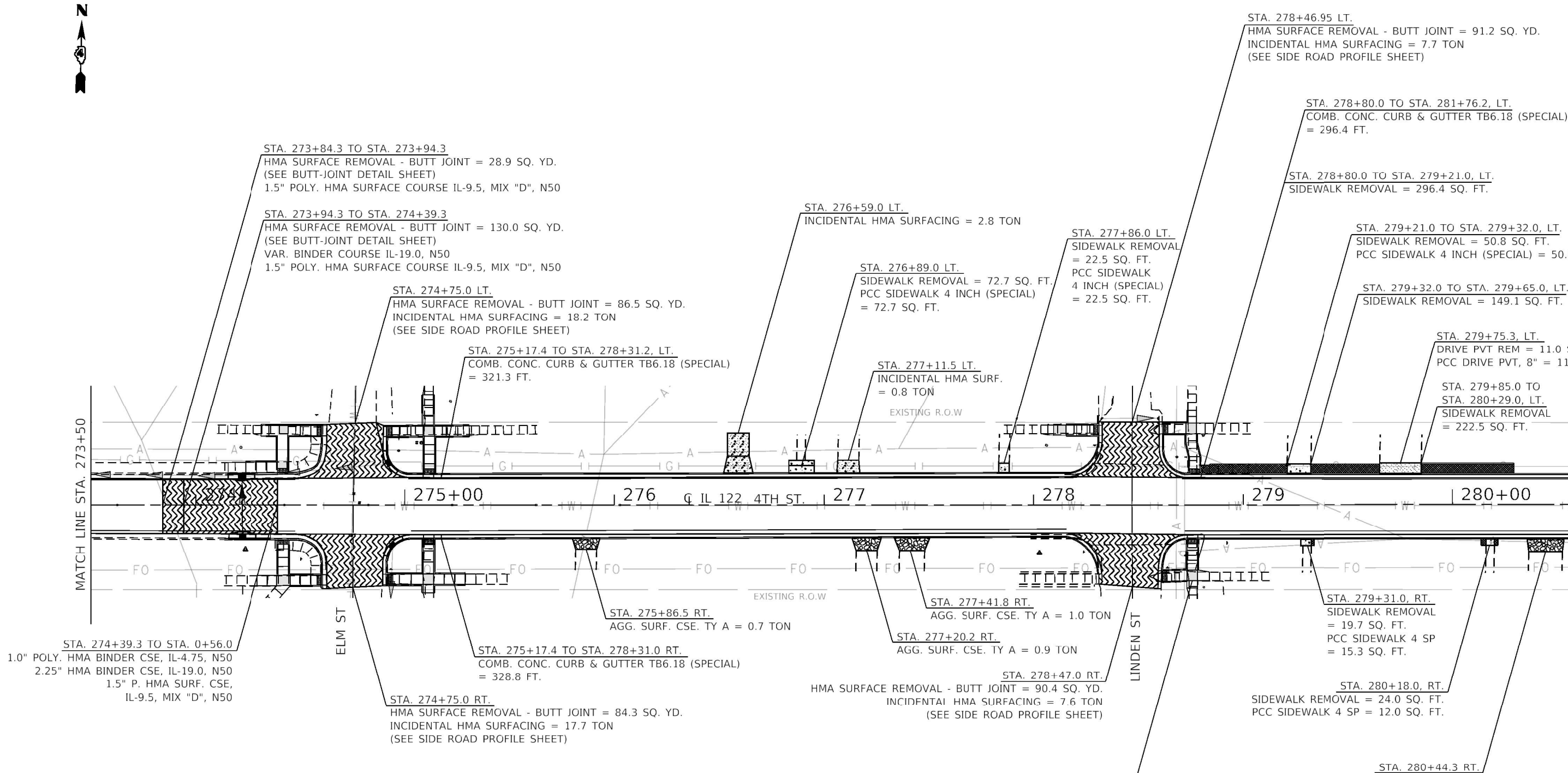
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	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>GENERAL PLAN</b>	
SCALE:	SHEET 10 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(M-15D.4)R5-1	TAZEWELL	78	39
CONTRACT NO. 68C94				
ILLINOIS FED. AID PROJECT				



**LEGEND:**

	HMA SURFACE REMOVAL - BUTT JOINT
	AGG. SURFACE COURSE TYPE A
	INCIDENTAL HMA SURFACING
	PCC SIDEWALK 4 INCH (SPECIAL)
	PCC DRIVEWAY PAVEMENT
	SIDEWALK REMOVAL

**NOTES:**

- SEE SCHEDULE FOR LOCATIONS AND QUANTITY OF TEMPORARY EROSION CONTROL ITEMS.
- FLOW ARROWS WERE TAKEN FROM THE ORIGINAL PLANS AND ARE FOR INFORMATION ONLY. LIMITED SURVEY WAS PROVIDED FOR THIS PROJECT.
- SEE DRAINAGE AND ADA DETAIL SHEETS FOR ADDITIONAL INFORMATION.



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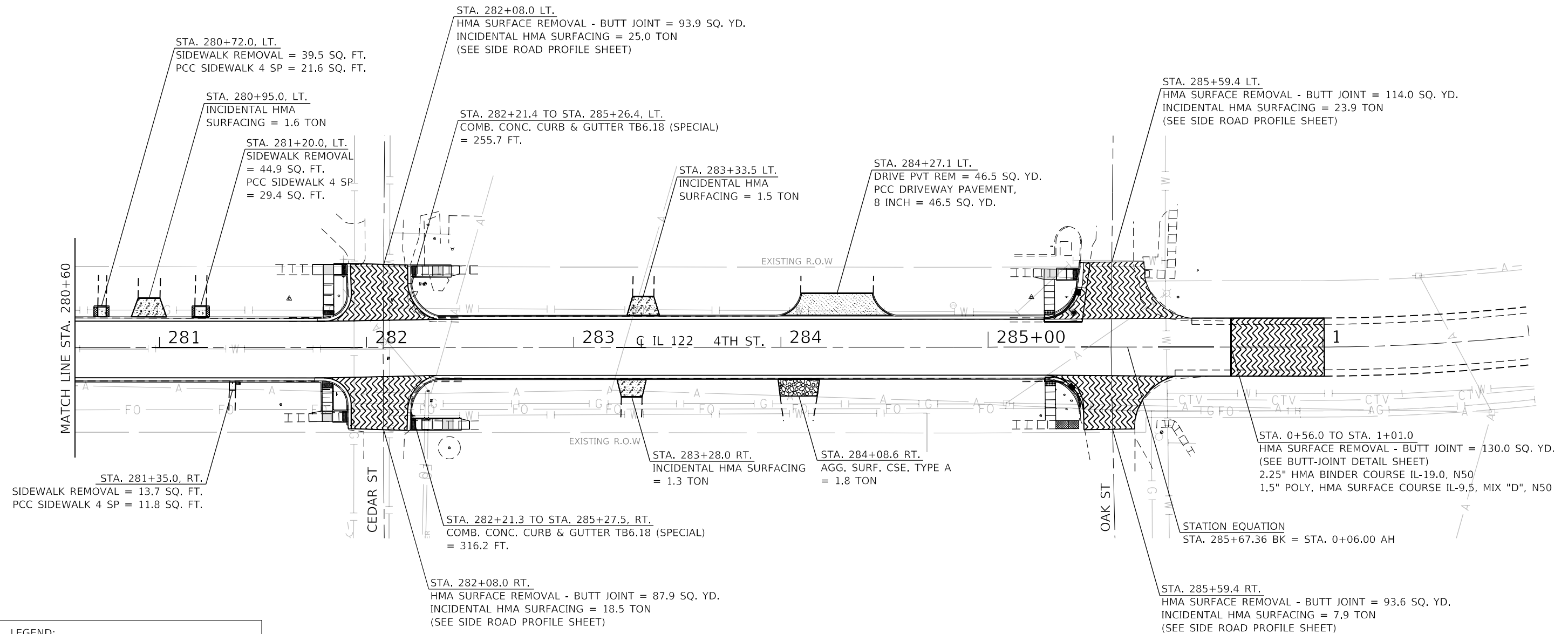
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	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>GENERAL PLAN</b>	
SCALE:	SHEET 11 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(M-15D,4)RS-1	TAZEWELL	78	40
			CONTRACT NO. 68C94	
ILLINOIS FED. AID PROJECT				



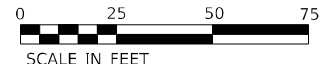


**LEGEND:**

	HMA SURFACE REMOVAL - BUTT JOINT
	AGG. SURFACE COURSE TYPE A
	INCIDENTAL HMA SURFACING
	PCC SIDEWALK 4 INCH (SPECIAL)
	PCC DRIVEWAY PAVEMENT
	SIDEWALK REMOVAL

**NOTES:**

- SEE SCHEDULE FOR LOCATIONS AND QUANTITY OF TEMPORARY EROSION CONTROL ITEMS.
- FLOW ARROWS WERE TAKEN FROM THE ORIGINAL PLANS AND ARE FOR INFORMATION ONLY. LIMITED SURVEY WAS PROVIDED FOR THIS PROJECT.
- SEE DRAINAGE AND ADA DETAIL SHEETS FOR ADDITIONAL INFORMATION.



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

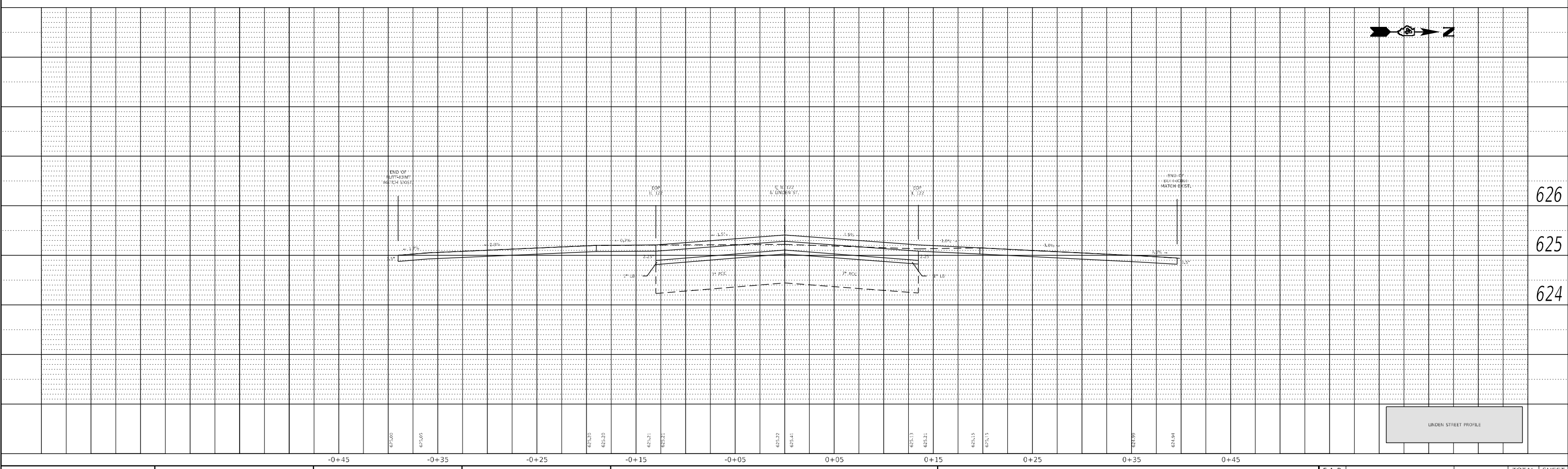
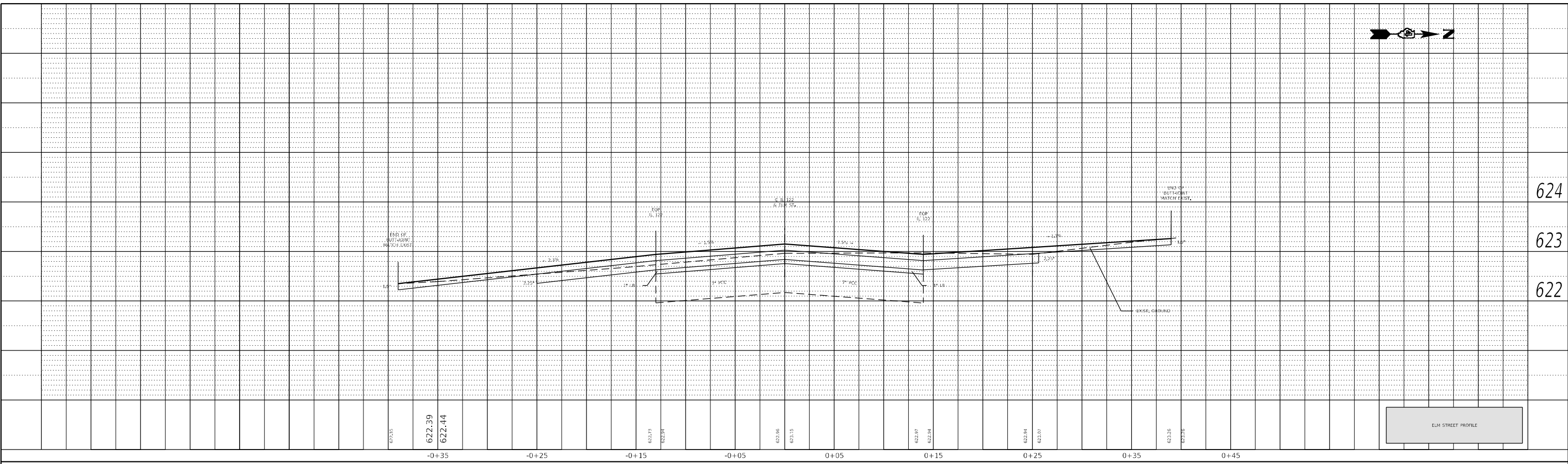
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SCALE:	SHEET 12	OF 12 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(M-15D,4)RS-1	TAZEWELL	78	41
			CONTRACT NO. 68C94	
ILLINOIS FED. AID PROJECT				

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	PLOTTED		
NOTE BOOK NO.	ALIGNMENT CHECKED		
	CADD FILE NAME		

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DATE -	REVISIED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCALE:	SHEET 1	OF 3	SHEETS	STA.	TO STA.
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SIDE ROAD PROFILES  
ELM & LINDEN

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(M-15D,4)RS-1	TAZEWELL	78	42
CONTRACT NO. 68C94				
ILLINOIS FED. AID PROJECT				

624

623

622

626

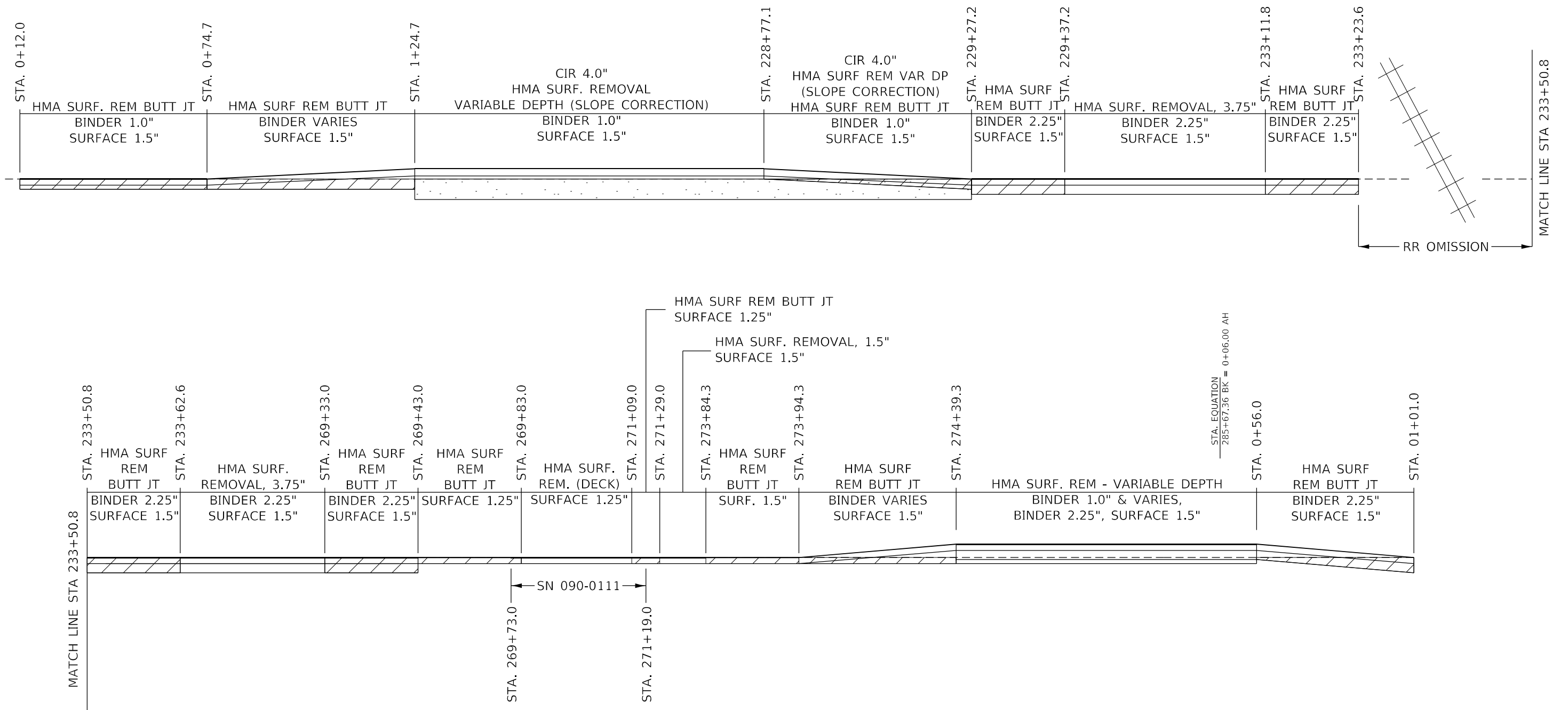
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624









MATCH LINE STA 233+50.8

MATCH LINE STA 233+50.8

**LEGEND**

- HMA SURFACE REMOVAL - BUTT JOINT
- COLD-IN-PLACE RECYCLING

**NOTES:**

1. HMA SURFACE REMOVAL, VARIABLE DEPTH BETWEEN STA. 274+39.3 & 0+06 SHALL CONSIST OF THE REMOVAL OF SURFACE DOWN TO PCC CONCRETE. (HMA VARIES 1.5" TO 2.5").
2. HMA REMOVAL BETWEEN STA. 0+06 & 0+56 SHALL BE 2.5".

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BUTT-JOINT DETAIL**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(M-15D.4)RS-1	TAZEWELL	78	45
CONTRACT NO. 68C94				
ILLINOIS FED. AID PROJECT				



**LEGEND**

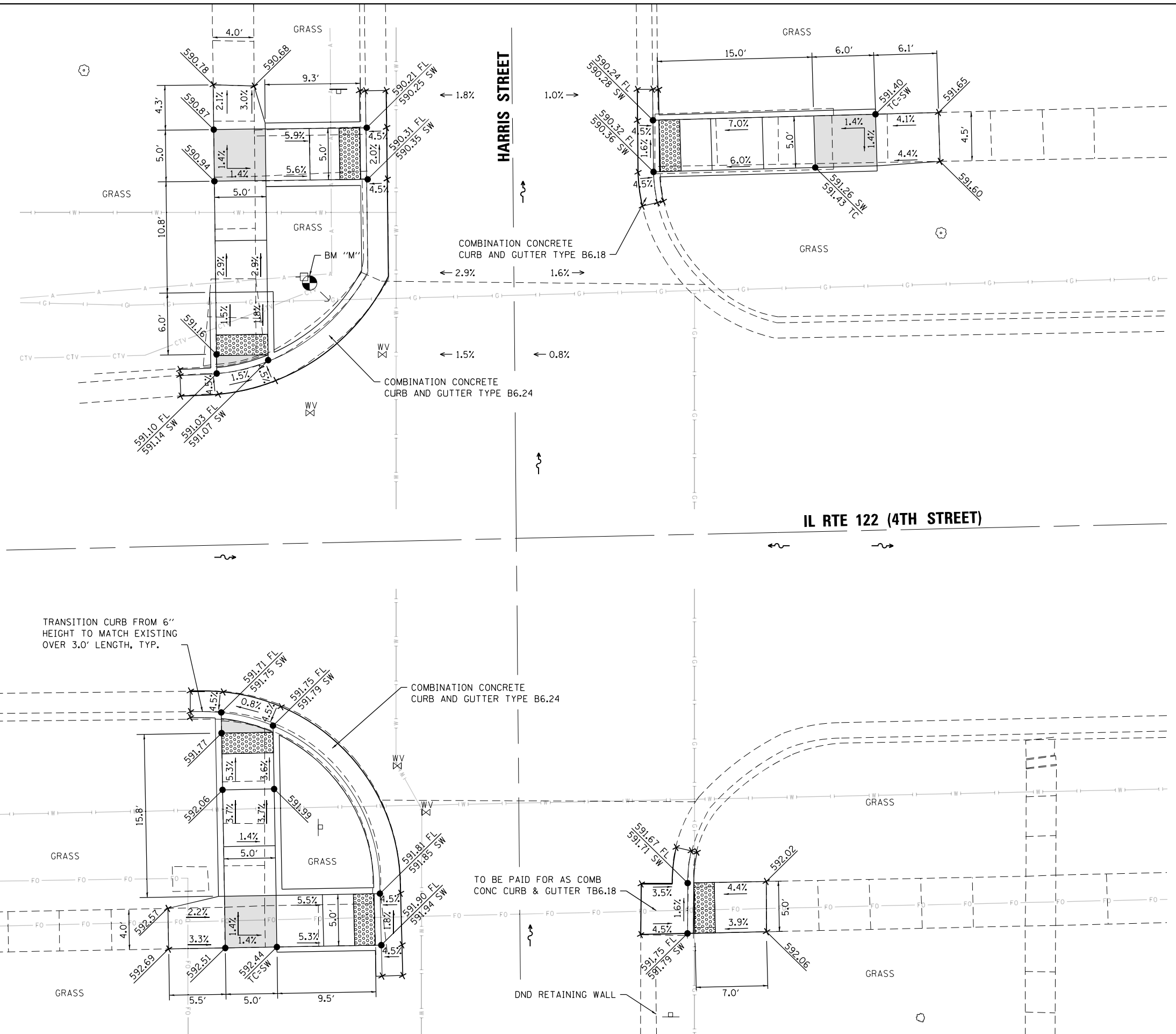
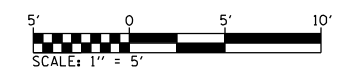
- EXIST. SIDEWALK/CURB
- PROPOSED ELEMENT
- EXISTING STORM SEWER
- MATCH EXISTING ELEVATION
- PROPOSED ELEVATION
- PROPOSED LANDING/FLAT AREA  
MAX 1.5% IN ALL DIRECTIONS
- DETECTABLE WARNINGS
- BENCHMARK
- AREAS OF SIDEWALK REMOVAL  
WITH NO PROPOSED SIDEWALK

**GENERAL NOTES**

1. STREET WIDTHS ARE NOT SHOWN TO SCALE.
2. CROSS-SLOPES AND FLOW ARROWS ARE FOR GENERAL INFORMATION.
3. CONTRACTOR SHALL VERIFY PROFILES AND SLOPES PRIOR TO PLACING CCC&G. (SEE SPECIAL PROVISIONS)
4. ALL ELEVATIONS ARE PROPOSED UNLESS OTHERWISE NOTED AND ARE SUBJECT TO REFINEMENT DURING CONSTRUCTION, AS APPROVED BY THE ENGINEER.
5. FINAL CROSS SLOPE, RUNNING SLOPE, LANDINGS, CLEAR AREA, AND SLOPE AROUND RADIUS SHALL MEET PROWAG FINAL RULE.
6. SEE "APPROACH NOSE DETAIL" FOR CURB RAMPS.
7. WHERE SIDE-CURB IS PROPOSED, THE CURB SHOULD TAPER DOWN TO THE EXISTING SIDEWALK TO AVOID POTENTIAL TRIPPING HAZARD.
8. WHEN SIDEWALK SIDE CURB EXCEEDS 9" SEE SIDEWALK CURB DETAILS.
9. SEE SCHEDULE FOR ADDITIONAL CCC&G QUANTITY.
10. CONTRACTOR SHALL UTILIZE RADIAL DETECTABLE WARNING PANELS AROUND RADIUS. CONTRACTOR IS RESPONSIBLE FOR MEASURING THE RADIUS PRIOR TO ORDERING PANELS.

**BENCHMARK**

BM "M" - BENCHTIC IN POWER POLE NW QUAD 4TH STREET AND HARRIS STREET - ELEV = 592.82



TRANSITION CURB FROM 6" HEIGHT TO MATCH EXISTING OVER 3.0' LENGTH, TYP.

TO BE PAID FOR AS COMB CONC CURB & GUTTER TB6.18

DND RETAINING WALL

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	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE & ADA DETAILS  
HARRIS ST.**

SCALE: SHEET 1 OF 13 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(M-15D.4)RS-1	TAZEWELL	78	46
			CONTRACT NO. 68C94	
		ILLINOIS	FED. AID PROJECT	







**LEGEND**

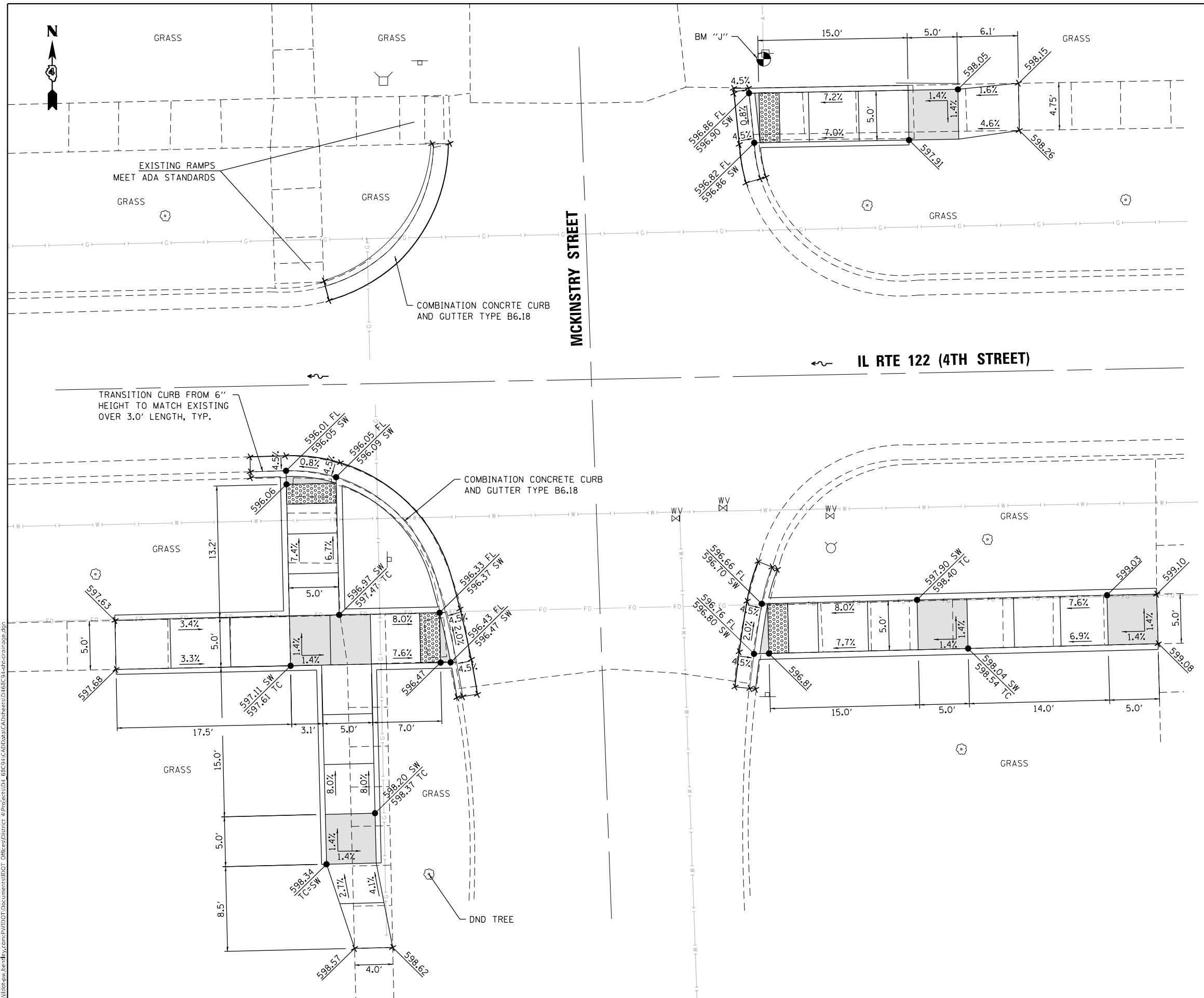
- - - - - EXIST. SIDEWALK/CURB
- PROPOSED ELEMENT
- ← ——— EXISTING STORM SEWER
- × MATCH EXISTING ELEVATION
- PROPOSED ELEVATION
- PROPOSED LANDING/FLAT AREA  
MAX 1.5% IN ALL DIRECTIONS
- ▨ DETECTABLE WARNINGS
- ⊙ BENCHMARK
- ▩ AREAS OF SIDEWALK REMOVAL  
WITH NO PROPOSED SIDEWALK

**GENERAL NOTES**

1. STREET WIDTHS ARE NOT SHOWN TO SCALE.
2. CROSS-SLOPES AND FLOW ARROWS ARE FOR GENERAL INFORMATION.
3. CONTRACTOR SHALL VERIFY PROFILES AND SLOPES PRIOR TO PLACING CCC&G. (SEE SPECIAL PROVISIONS)
4. ALL ELEVATIONS ARE PROPOSED UNLESS OTHERWISE NOTED AND ARE SUBJECT TO REFINEMENT DURING CONSTRUCTION, AS APPROVED BY THE ENGINEER.
5. FINAL CROSS SLOPE, RUNNING SLOPE, LANDINGS, CLEAR AREA, AND SLOPE AROUND RADIUS SHALL MEET PROWAG FINAL RULE.
6. SEE "APPROACH NOSE DETAIL" FOR CURB RAMPS.
7. WHERE SIDE-CURB IS PROPOSED, THE CURB SHOULD TAPER DOWN TO THE EXISTING SIDEWALK TO AVOID POTENTIAL TRIPPING HAZARD.
8. WHEN SIDEWALK SIDE CURB EXCEEDS 9" SEE SIDEWALK CURB DETAILS.
9. SEE SCHEDULE FOR ADDITIONAL CCC&G QUANTITY.
10. CONTRACTOR SHALL UTILIZE RADIAL DETECTABLE WARNING PANELS AROUND RADIUS. CONTRACTOR IS RESPONSIBLE FOR MEASURING THE RADIUS PRIOR TO ORDERING PANELS.

**BENCHMARK**

BM "J" - BENCHTIE IN POWER POLE NE QUAD 4TH STREET AND MCKINSTRY STREET - ELEV = 598.90



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PLOT DATE = 6/28/2024	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE & ADA DETAILS  
MCKINSTRY ST.**

SCALE: SHEET 4 OF 13 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(M-15D.4)RS-1	TAZEWELL	78	49
			CONTRACT NO. 68C94	
ILLINOIS FED. AID PROJECT				



**LEGEND**

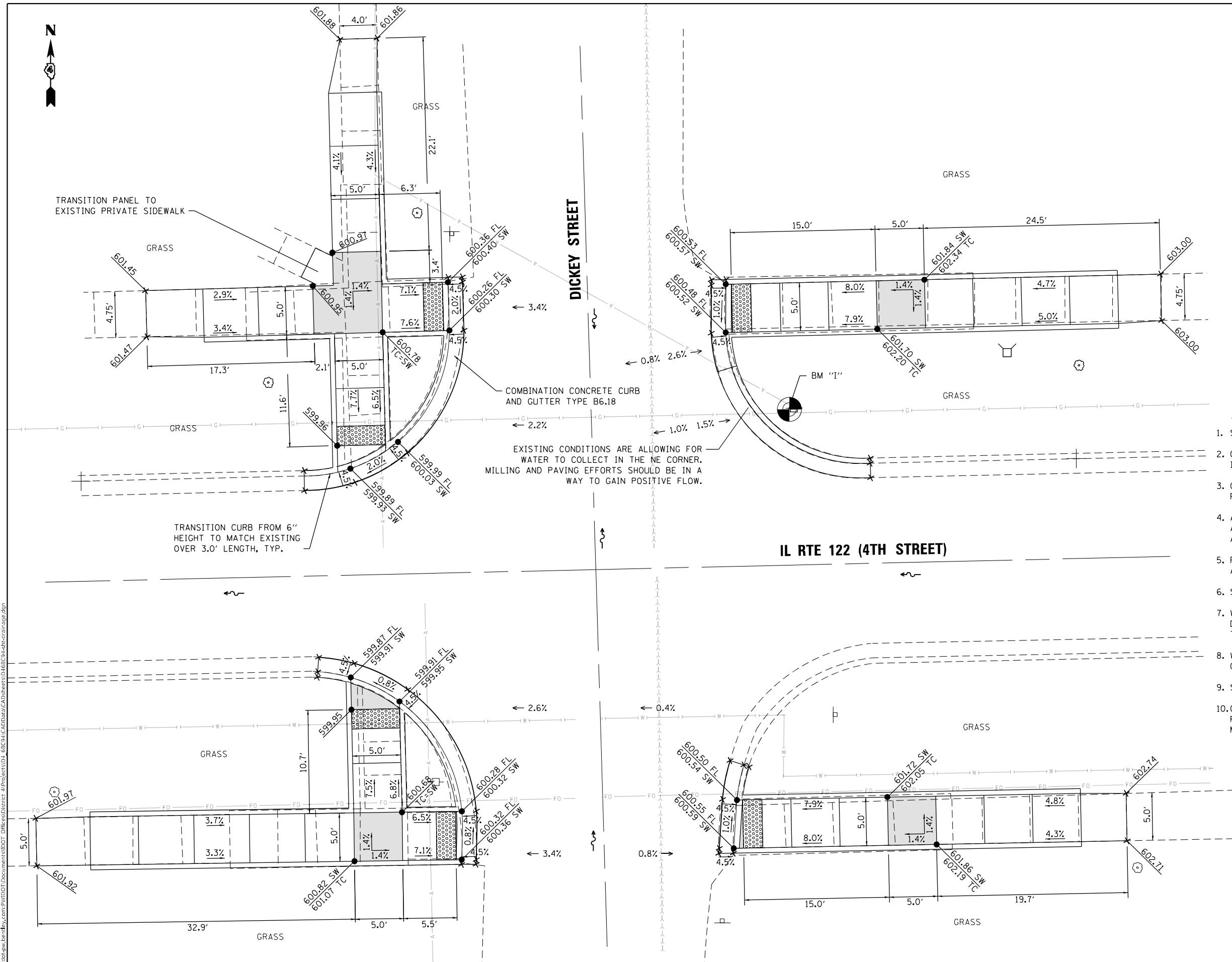
- EXIST. SIDEWALK/CURB
- PROPOSED ELEMENT
- EXISTING STORM SEWER
- MATCH EXISTING ELEVATION
- PROPOSED ELEVATION
- PROPOSED LANDING/FLAT AREA  
MAX 1.5% IN ALL DIRECTIONS
- DETECTABLE WARNINGS
- BENCHMARK
- AREAS OF SIDEWALK REMOVAL  
WITH NO PROPOSED SIDEWALK

**GENERAL NOTES**

1. STREET WIDTHS ARE NOT SHOWN TO SCALE.
2. CROSS-SLOPES AND FLOW ARROWS ARE FOR GENERAL INFORMATION.
3. CONTRACTOR SHALL VERIFY PROFILES AND SLOPES PRIOR TO PLACING CCC&G. (SEE SPECIAL PROVISIONS)
4. ALL ELEVATIONS ARE PROPOSED UNLESS OTHERWISE NOTED AND ARE SUBJECT TO REFINEMENT DURING CONSTRUCTION, AS APPROVED BY THE ENGINEER.
5. FINAL CROSS SLOPE, RUNNING SLOPE, LANDINGS, CLEAR AREA, AND SLOPE AROUND RADIUS SHALL MEET PROWAG FINAL RULE.
6. SEE "APPROACH NOSE DETAIL" FOR CURB RAMP.
7. WHERE SIDE-CURB IS PROPOSED, THE CURB SHOULD TAPER DOWN TO THE EXISTING SIDEWALK TO AVOID POTENTIAL TRIPPING HAZARD.
8. WHEN SIDEWALK SIDE CURB EXCEEDS 9" SEE SIDEWALK CURB DETAILS.
9. SEE SCHEDULE FOR ADDITIONAL CCC&G QUANTITY.
10. CONTRACTOR SHALL UTILIZE RADIAL DETECTABLE WARNING PANELS AROUND RADIUS. CONTRACTOR IS RESPONSIBLE FOR MEASURING THE RADIUS PRIOR TO ORDERING PANELS.

**BENCHMARK**

BM "1" - RAILROAD SPIKE IN POWER POLE NE QUAD 4TH STREET AND DICKEY STREET - ELEV = 603.02



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE & ADA DETAILS  
DICKEY ST.**

SCALE: SHEET 5 OF 13 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(M-15D.4)RS-1	TAZEWELL	78	50
			CONTRACT NO. 68C94	
ILLINOIS FED. AID PROJECT				





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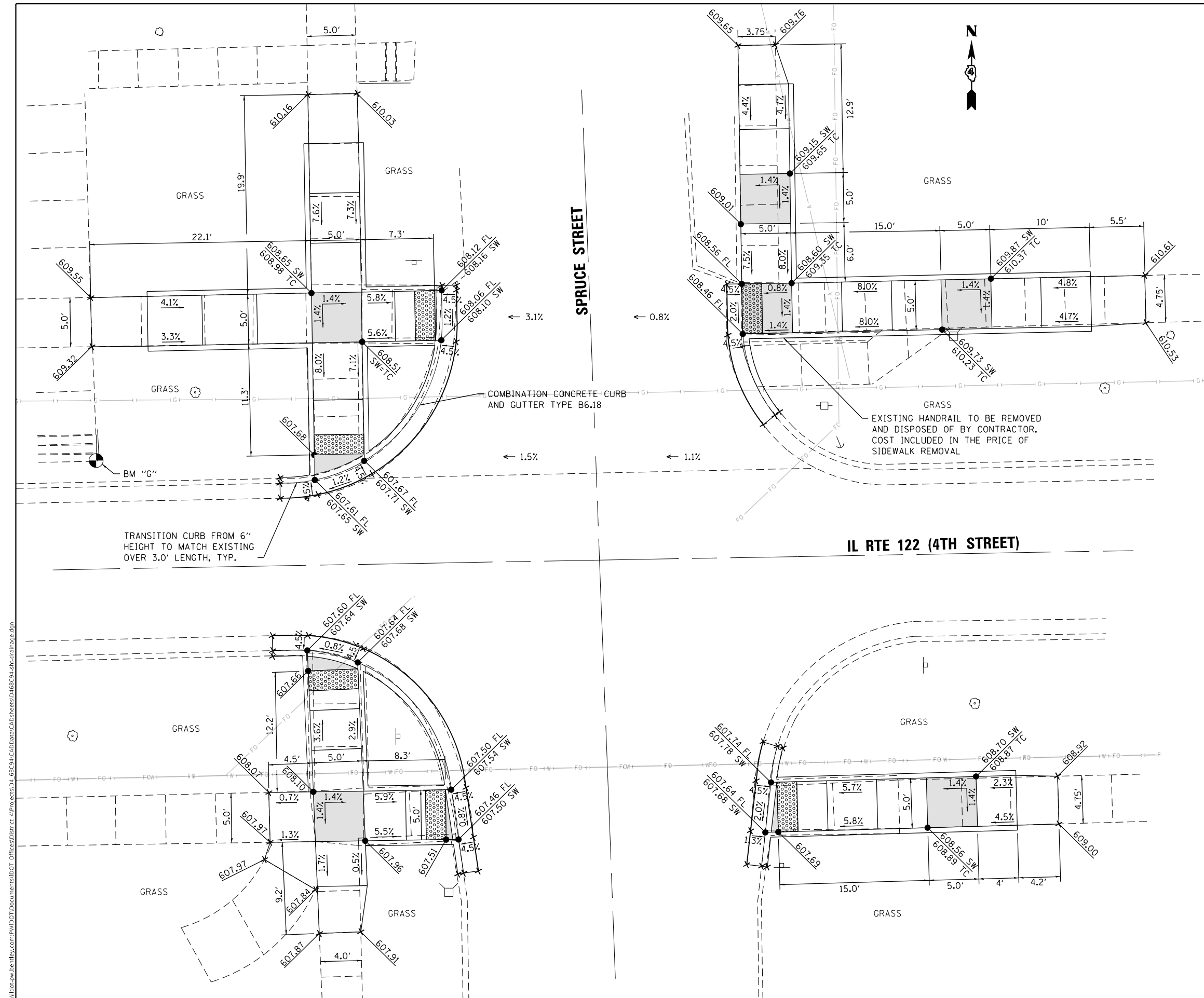
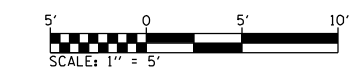
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	PROPOSED ELEMENT
	EXISTING STORM SEWER
	MATCH EXISTING ELEVATION
	PROPOSED ELEVATION
	PROPOSED LANDING/FLAT AREA MAX 1.5% IN ALL DIRECTIONS
	DETECTABLE WARNINGS
	BENCHMARK
	AREAS OF SIDEWALK REMOVAL WITH NO PROPOSED SIDEWALK

**GENERAL NOTES**

- STREET WIDTHS ARE NOT SHOWN TO SCALE.
- CROSS-SLOPES AND FLOW ARROWS ARE FOR GENERAL INFORMATION.
- CONTRACTOR SHALL VERIFY PROFILES AND SLOPES PRIOR TO PLACING CCC&G. (SEE SPECIAL PROVISIONS)
- ALL ELEVATIONS ARE PROPOSED UNLESS OTHERWISE NOTED AND ARE SUBJECT TO REFINEMENT DURING CONSTRUCTION, AS APPROVED BY THE ENGINEER.
- FINAL CROSS SLOPE, RUNNING SLOPE, LANDINGS, CLEAR AREA, AND SLOPE AROUND RADIUS SHALL MEET PROWAG FINAL RULE.
- SEE "APPROACH NOSE DETAIL" FOR CURB RAMPS.
- WHERE SIDE-CURB IS PROPOSED, THE CURB SHOULD TAPER DOWN TO THE EXISTING SIDEWALK TO AVOID POTENTIAL TRIPPING HAZARD.
- WHEN SIDEWALK SIDE CURB EXCEEDS 9" SEE SIDEWALK CURB DETAILS.
- SEE SCHEDULE FOR ADDITIONAL CCC&G QUANTITY.
- CONTRACTOR SHALL UTILIZE RADIAL DETECTABLE WARNING PANELS AROUND RADIUS. CONTRACTOR IS RESPONSIBLE FOR MEASURING THE RADIUS PRIOR TO ORDERING PANELS.

**BENCHMARK**

BM "G" - CUT "G" ON EAST SIDE OF THE FIRST STEP AT ENTRANCE TO FIRST PRESBYTERIAN CHURCH - ELEV = 607.80



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE & ADA DETAILS  
SPRUCE ST.**

SCALE: SHEET 7 OF 13 SHEETS STA. TO STA.










F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(M-15D.4)RS-1	TAZEWELL	78	52
			CONTRACT NO. 68C94	
ILLINOIS FED. AID PROJECT				







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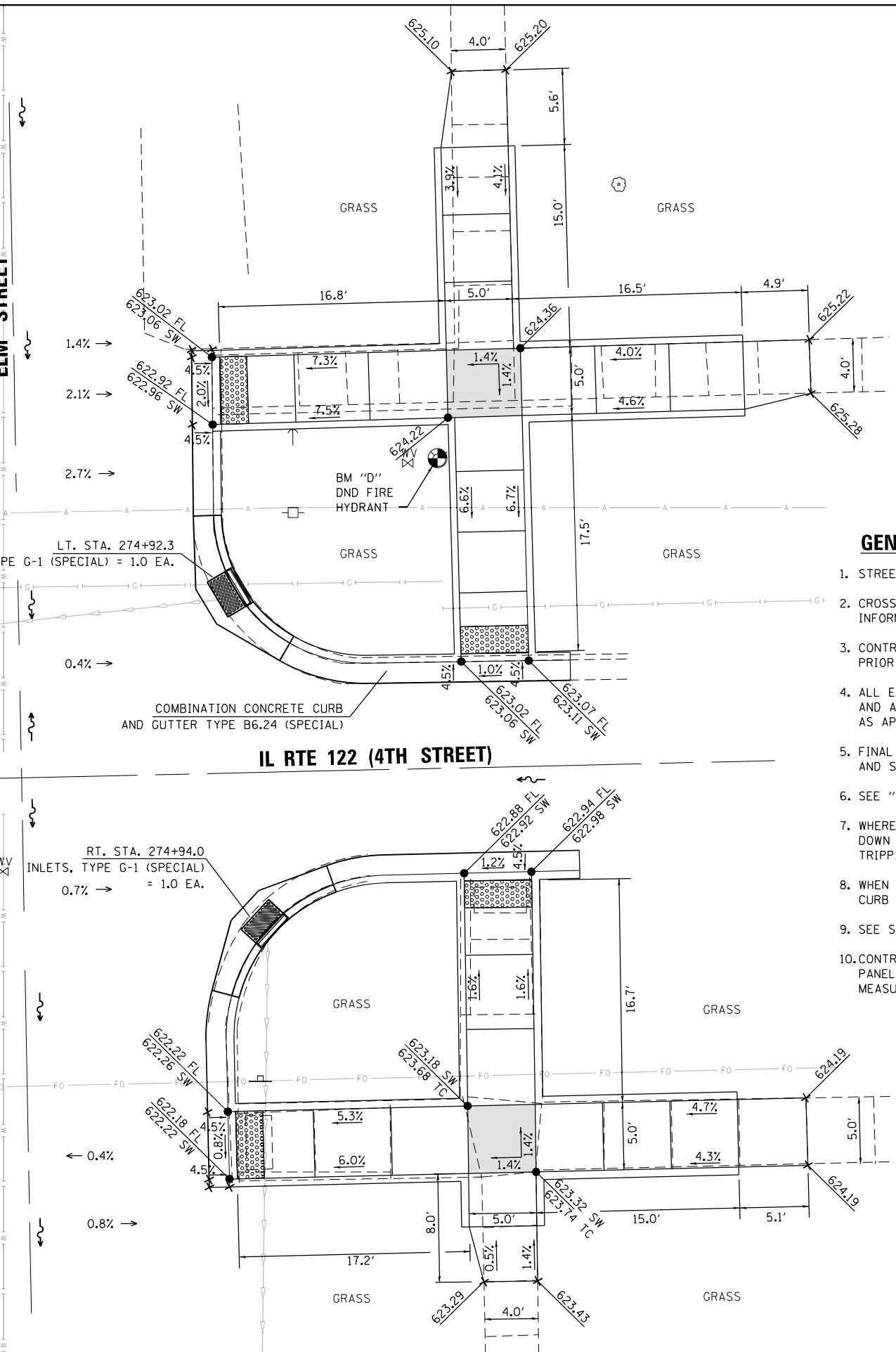
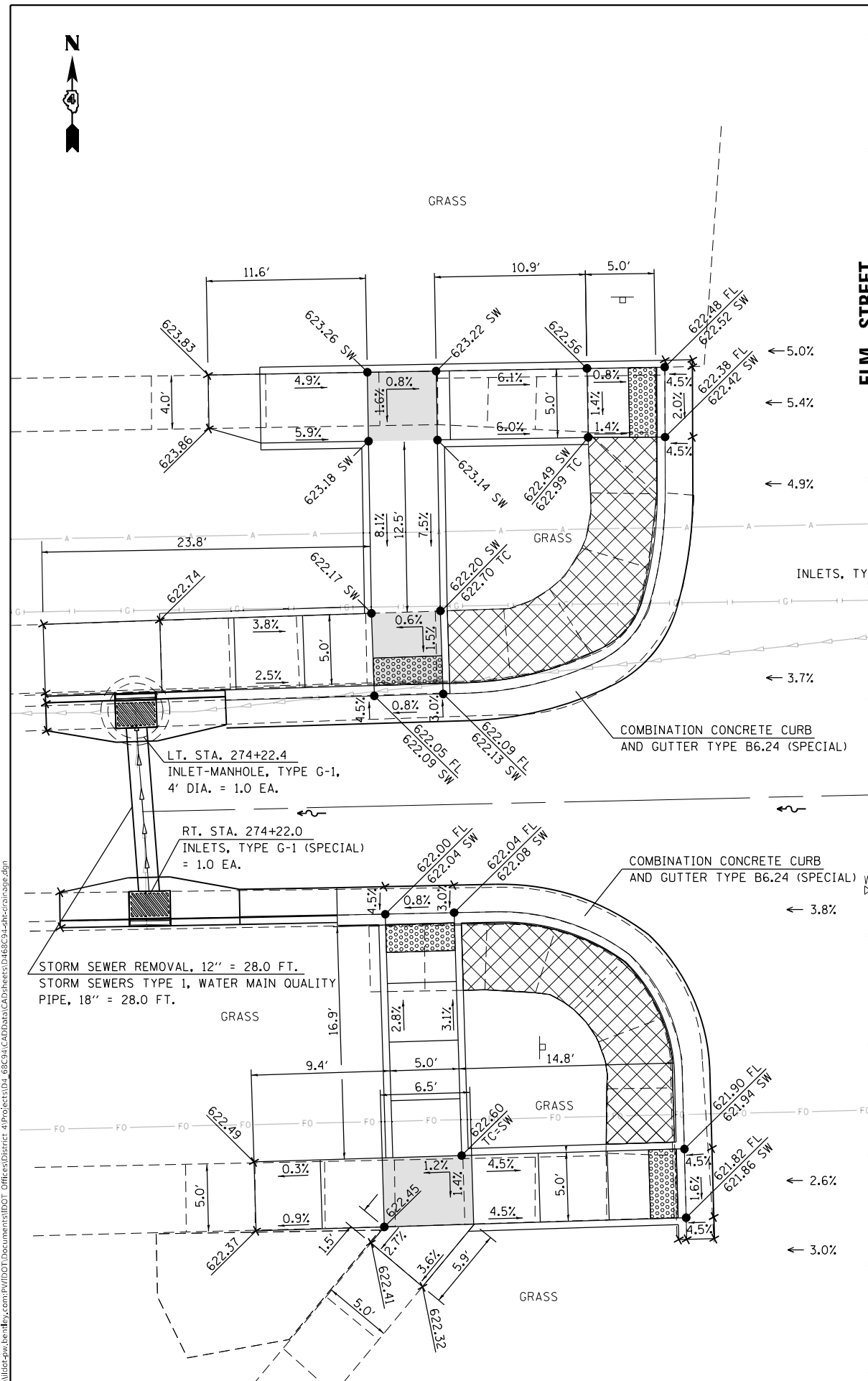
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-  PROPOSED ELEMENT
-  EXISTING STORM SEWER
-  MATCH EXISTING ELEVATION
-  PROPOSED ELEVATION
-  PROPOSED LANDING/FLAT AREA  
MAX 1.5% IN ALL DIRECTIONS
-  DETECTABLE WARNINGS
-  BENCHMARK
-  AREAS OF SIDEWALK REMOVAL  
WITH NO PROPOSED SIDEWALK

**GENERAL NOTES**

1. STREET WIDTHS ARE NOT SHOWN TO SCALE.
2. CROSS-SLOPES AND FLOW ARROWS ARE FOR GENERAL INFORMATION.
3. CONTRACTOR SHALL VERIFY PROFILES AND SLOPES PRIOR TO PLACING CCC&G. (SEE SPECIAL PROVISIONS)
4. ALL ELEVATIONS ARE PROPOSED UNLESS OTHERWISE NOTED AND ARE SUBJECT TO REFINEMENT DURING CONSTRUCTION, AS APPROVED BY THE ENGINEER.
5. FINAL CROSS SLOPE, RUNNING SLOPE, LANDINGS, CLEAR AREA, AND SLOPE AROUND RADIUS SHALL MEET PROWAG FINAL RULE.
6. SEE "APPROACH NOSE DETAIL" FOR CURB RAMPS.
7. WHERE SIDE-CURB IS PROPOSED, THE CURB SHOULD TAPER DOWN TO THE EXISTING SIDEWALK TO AVOID POTENTIAL TRIPPING HAZARD.
8. WHEN SIDEWALK SIDE CURB EXCEEDS 9" SEE SIDEWALK CURB DETAILS.
9. SEE SCHEDULE FOR ADDITIONAL CCC&G QUANTITY.
10. CONTRACTOR SHALL UTILIZE RADIAL DETECTABLE WARNING PANELS AROUND RADIUS. CONTRACTOR IS RESPONSIBLE FOR MEASURING THE RADIUS PRIOR TO ORDERING PANELS.

**BENCHMARK**

BM "D" - CHISLED "+" ON FIRE HYDRANT BOLT BETWEEN THE "E" & "L" IN "MUELLER" NE QUAD 4TH STREET AND ELM STREET - ELEV = 627.40



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PLOT DATE = 6/28/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE & ADA DETAILS  
ELM ST.**

SCALE: SHEET 10 OF 13 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(M-15D.4)RS-1	TAZEWELL	78	55
CONTRACT NO. 68C94			ILLINOIS FED. AID PROJECT	





**LEGEND**

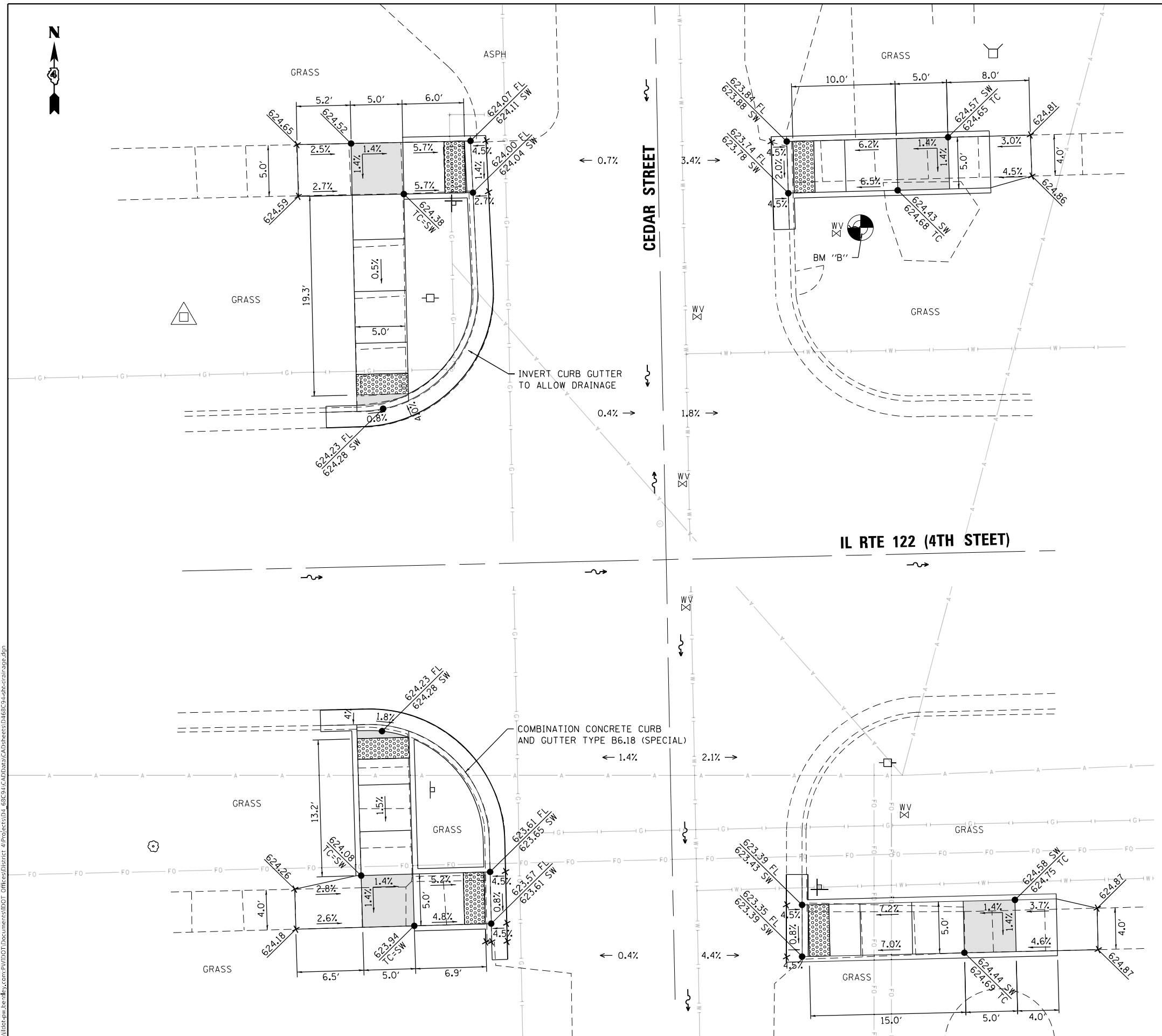
- - - - - EXIST. SIDEWALK/CURB
- PROPOSED ELEMENT
- > EXISTING STORM SEWER
- × MATCH EXISTING ELEVATION
- PROPOSED ELEVATION
- PROPOSED LANDING/FLAT AREA  
MAX 1.5% IN ALL DIRECTIONS
- ▨ DETECTABLE WARNINGS
- ⊗ BENCHMARK
- ▩ AREAS OF SIDEWALK REMOVAL  
WITH NO PROPOSED SIDEWALK

**GENERAL NOTES**

1. STREET WIDTHS ARE NOT SHOWN TO SCALE.
2. CROSS-SLOPES AND FLOW ARROWS ARE FOR GENERAL INFORMATION.
3. CONTRACTOR SHALL VERIFY PROFILES AND SLOPES PRIOR TO PLACING CCC&G. (SEE SPECIAL PROVISIONS)
4. ALL ELEVATIONS ARE PROPOSED UNLESS OTHERWISE NOTED AND ARE SUBJECT TO REFINEMENT DURING CONSTRUCTION, AS APPROVED BY THE ENGINEER.
5. FINAL CROSS SLOPE, RUNNING SLOPE, LANDINGS, CLEAR AREA, AND SLOPE AROUND RADIUS SHALL MEET PROWAG FINAL RULE.
6. SEE "APPROACH NOSE DETAIL" FOR CURB RAMPS.
7. WHERE SIDE-CURB IS PROPOSED, THE CURB SHOULD TAPER DOWN TO THE EXISTING SIDEWALK TO AVOID POTENTIAL TRIPPING HAZARD.
8. WHEN SIDEWALK SIDE CURB EXCEEDS 9" SEE SIDEWALK CURB DETAILS.
9. SEE SCHEDULE FOR ADDITIONAL CCC&G QUANTITY.
10. CONTRACTOR SHALL UTILIZE RADIAL DETECTABLE WARNING PANELS AROUND RADIUS. CONTRACTOR IS RESPONSIBLE FOR MEASURING THE RADIUS PRIOR TO ORDERING PANELS.

**BENCHMARK**

BM "B" - CHISLED "+" ON FIRE HYDRANT BOLT BETWEEN THE "E" & "L" IN "MUELLER" NE QUAD 4TH STREET AND CEDAR STREET - ELEV = 627.01



MODEL: D:\default...  
 FILE: 68C94...  
 PROJECT: 68C94...  
 DRAWING: 68C94...  
 DATE: 6/28/2024

USER NAME = \$USERS	DESIGNED -	REVISED -
PLOT SCALE = 1:10	DRAWN -	REVISED -
PLOT DATE = 6/28/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE & ADA DETAILS  
CEDAR ST.**

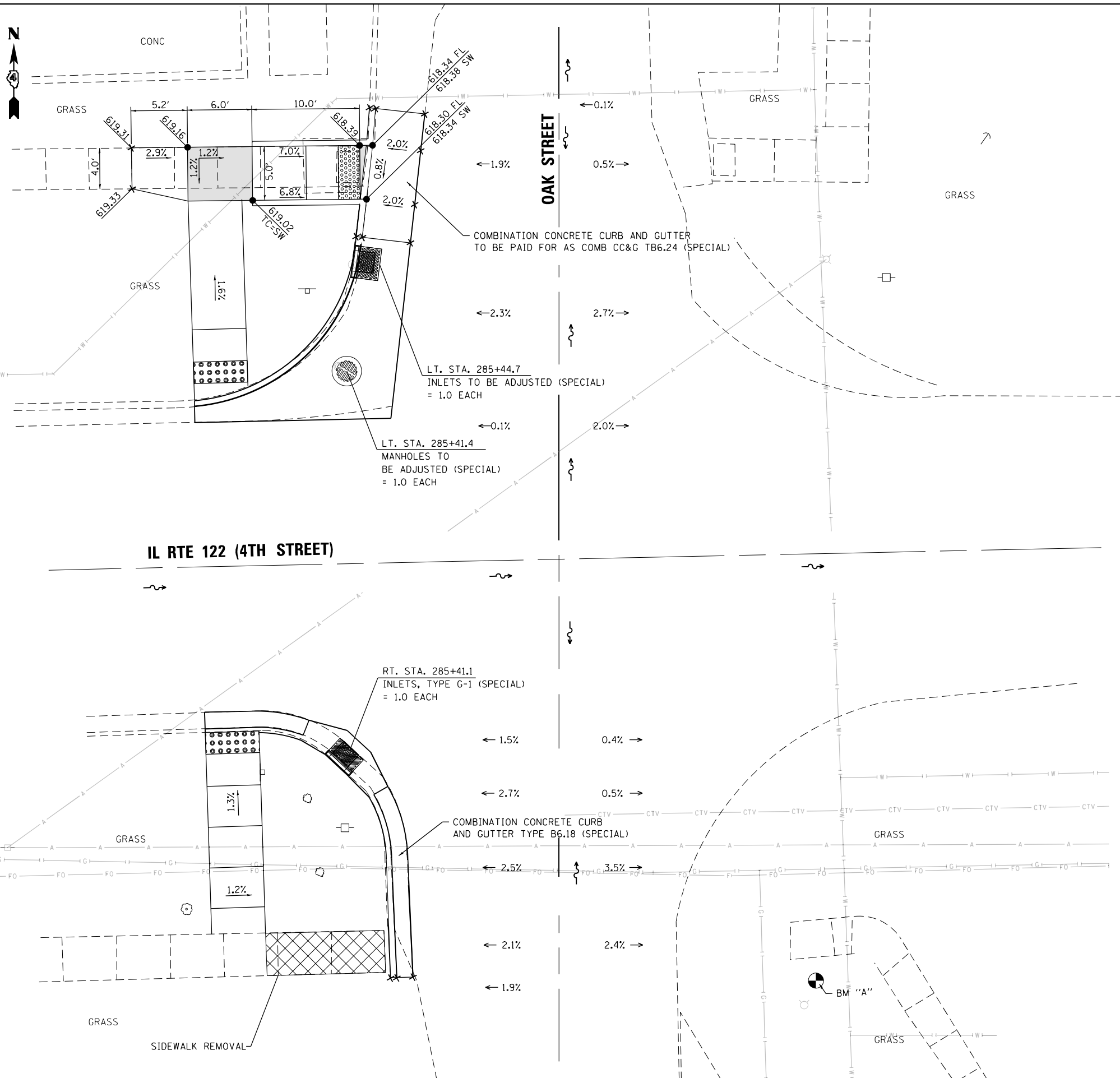
SCALE: SHEET 12 OF 13 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(M-15D.4)RS-1	TAZEWELL	78	57
CONTRACT NO. 68C94			ILLINOIS FED. AID PROJECT	



**LEGEND**

- EXIST. SIDEWALK/CURB
- PROPOSED ELEMENT
- EXISTING STORM SEWER
- MATCH EXISTING ELEVATION
- PROPOSED ELEVATION
- PROPOSED LANDING/FLAT AREA  
MAX 1.5% IN ALL DIRECTIONS
- DETECTABLE WARNINGS
- BENCHMARK
- AREAS OF SIDEWALK REMOVAL  
WITH NO PROPOSED SIDEWALK



**GENERAL NOTES**

1. STREET WIDTHS ARE NOT SHOWN TO SCALE.
2. CROSS-SLOPES AND FLOW ARROWS ARE FOR GENERAL INFORMATION.
3. CONTRACTOR SHALL VERIFY PROFILES AND SLOPES PRIOR TO PLACING CCC&G. (SEE SPECIAL PROVISIONS)
4. ALL ELEVATIONS ARE PROPOSED UNLESS OTHERWISE NOTED AND ARE SUBJECT TO REFINEMENT DURING CONSTRUCTION, AS APPROVED BY THE ENGINEER.
5. FINAL CROSS SLOPE, RUNNING SLOPE, LANDINGS, CLEAR AREA, AND SLOPE AROUND RADIUS SHALL MEET PROWAG FINAL RULE.
6. SEE "APPROACH NOSE DETAIL" FOR CURB RAMPS.
7. WHERE SIDE-CURB IS PROPOSED, THE CURB SHOULD TAPER DOWN TO THE EXISTING SIDEWALK TO AVOID POTENTIAL TRIPPING HAZARD.
8. WHEN SIDEWALK SIDE CURB EXCEEDS 9" SEE SIDEWALK CURB DETAILS.
9. SEE SCHEDULE FOR ADDITIONAL CCC&G QUANTITY.
10. CONTRACTOR SHALL UTILIZE RADIAL DETECTABLE WARNING PANELS AROUND RADIUS. CONTRACTOR IS RESPONSIBLE FOR MEASURING THE RADIUS PRIOR TO ORDERING PANELS.

**BENCHMARK**

BM "A" - CHISLED "+" ON FIRE HYDRANT BOLT BETWEEN THE "E" & "L" IN "MUELLER" SE QUAD OAK STREET AND 4TH STREET - ELEV = 620.47



MODEL: Default  
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 PROJECT: 68C94  
 DRAWING: 68C94.DRAINAGE  
 SHEET: 13 OF 13  
 DATE: 6/28/2024

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PLOT DATE = 6/28/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE & ADA DETAILS  
OAK ST.**

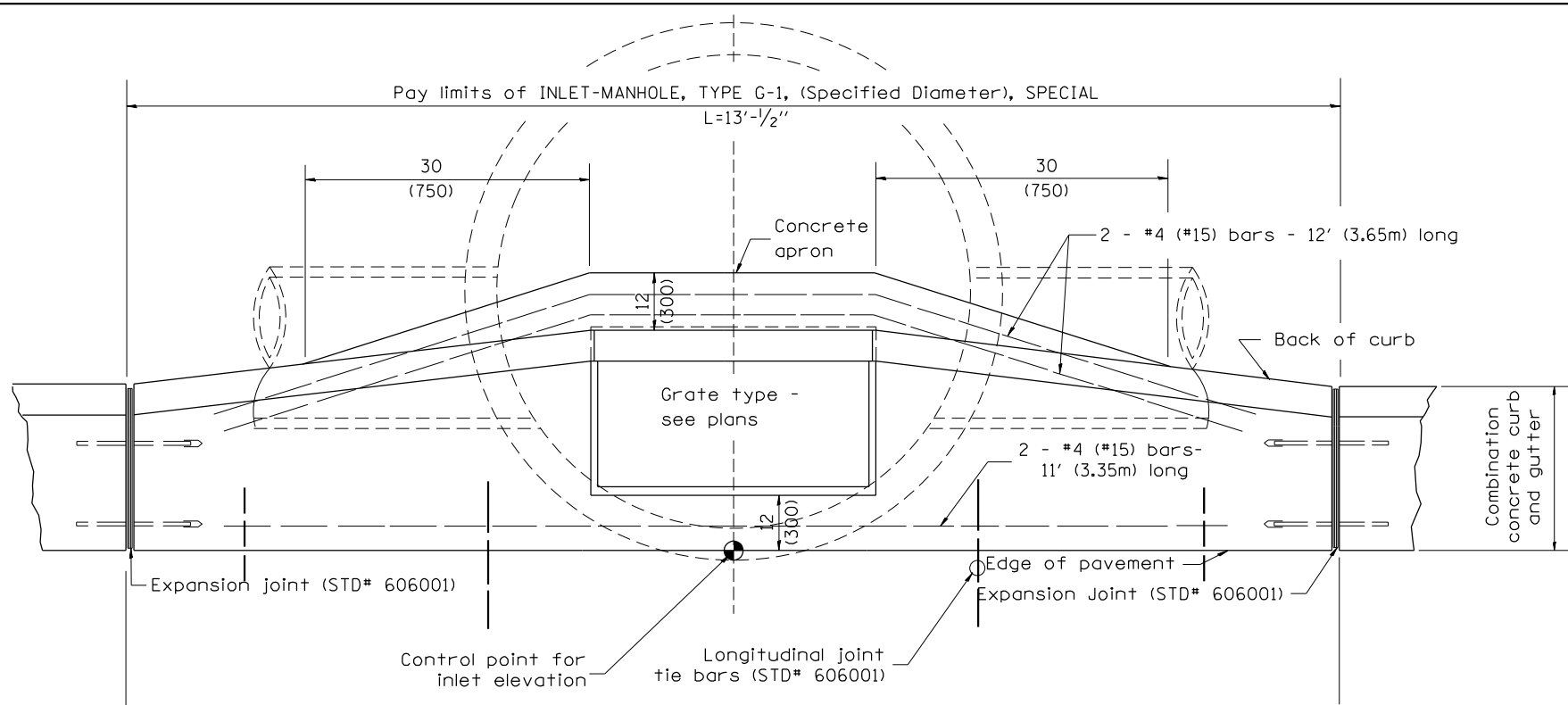
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(M-15D.4)RS-1	TAZEWELL	78	58
CONTRACT NO. 68C94			ILLINOIS FED. AID PROJECT	

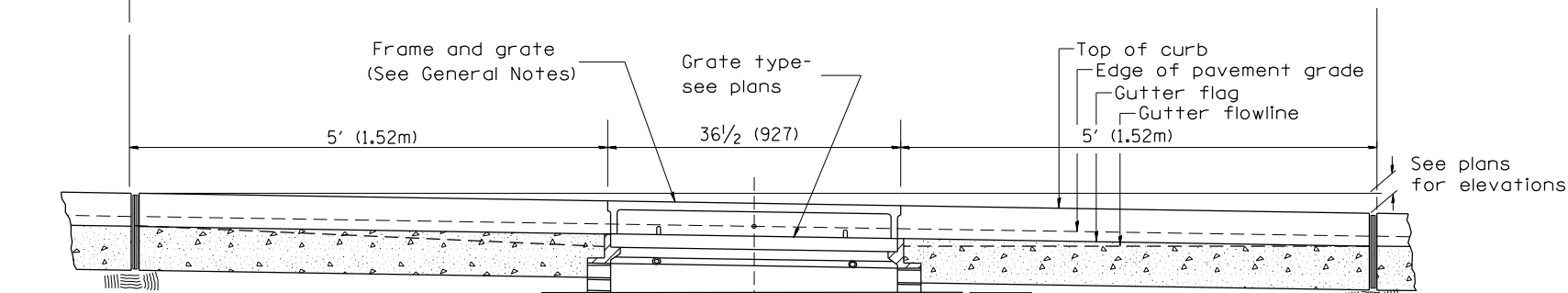




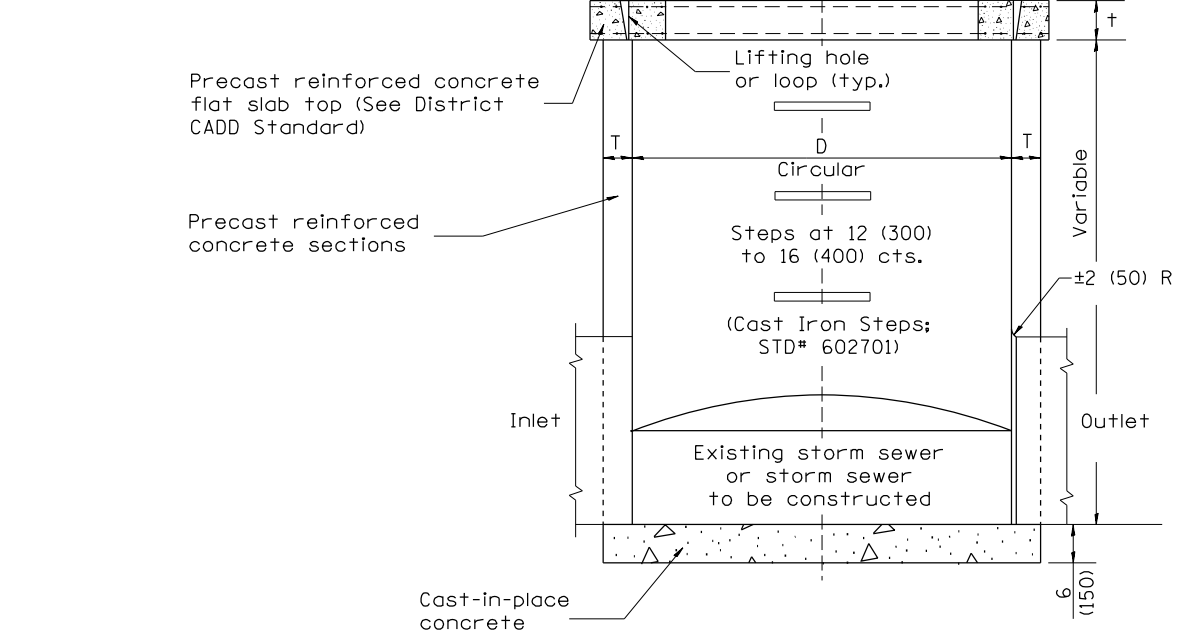




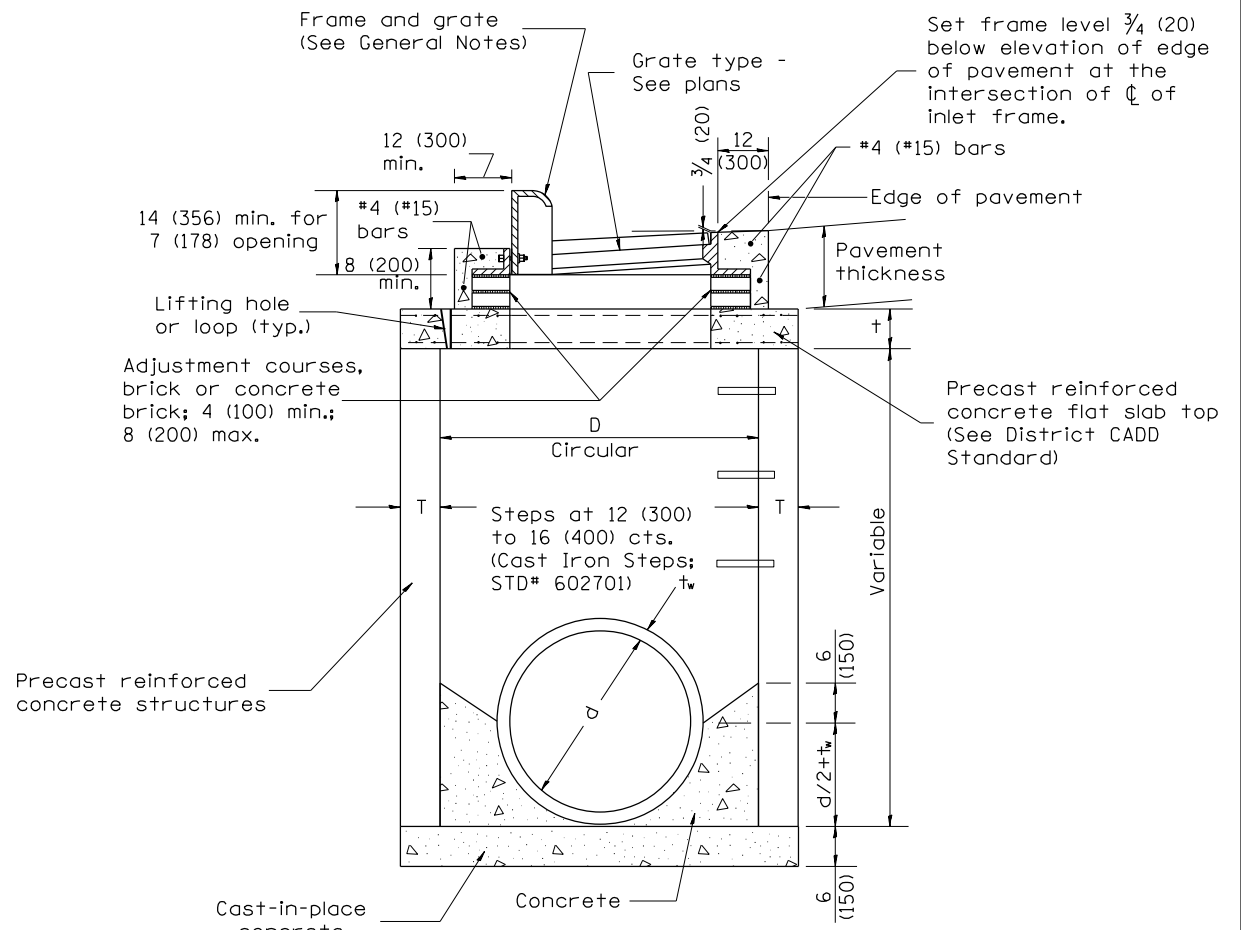
**PLAN**



**ELEVATION (SIDE)**



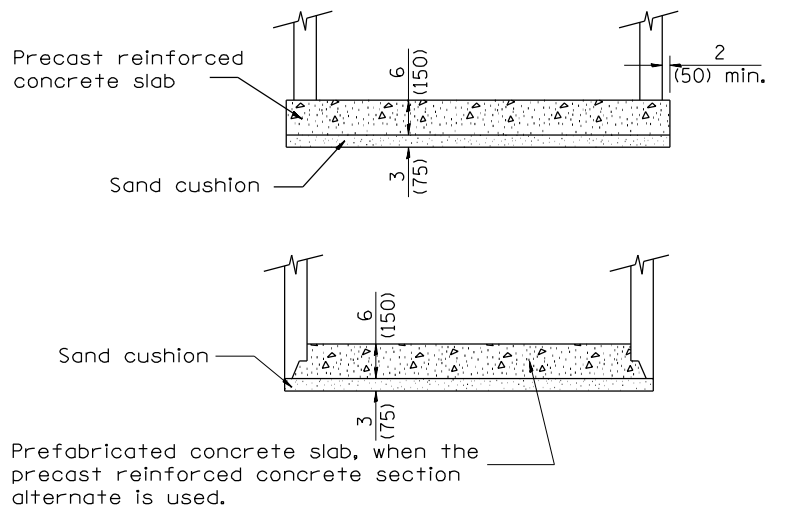
**ELEVATION (FRONT)**



**ELEVATION (SIDE)**

**TABLE**

D	T	†
4' (1.2m)	5 (125)	6 (150)



**ALTERNATE BOTTOM SLAB**

**GENERAL NOTES**

1. See Special Provision
2. The Contractor shall determine if this standard method or the alternative method shown on next sheet is best suited per location. The method chosen shall be approved by the Engineer prior to work beginning.
3. See District CADD Standard 604001-D4 for frame and grates.
4. See District CADD Standard 602101-D4 for precast reinforced concrete flat slab top.

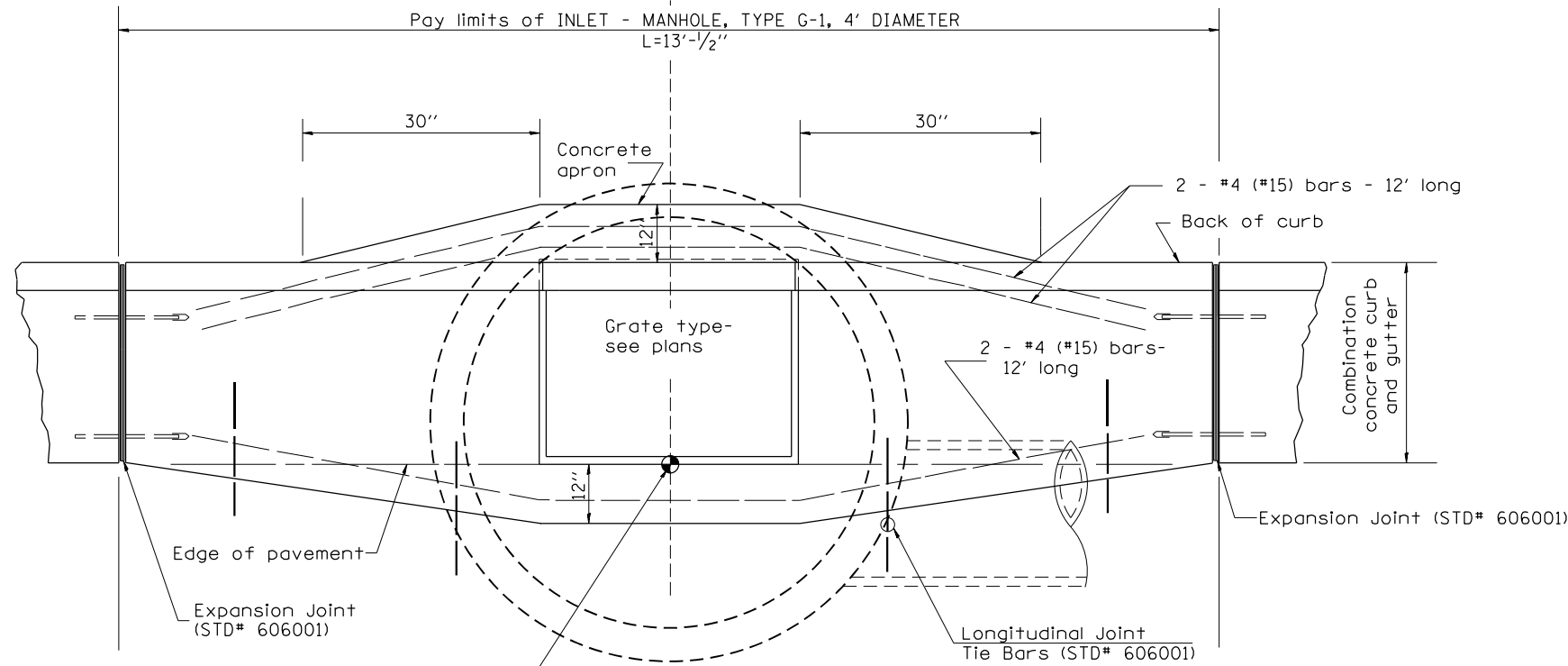
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	DRAWN -	REVISED -
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PLOT DATE = 6/28/2024	DATE -	REVISED -

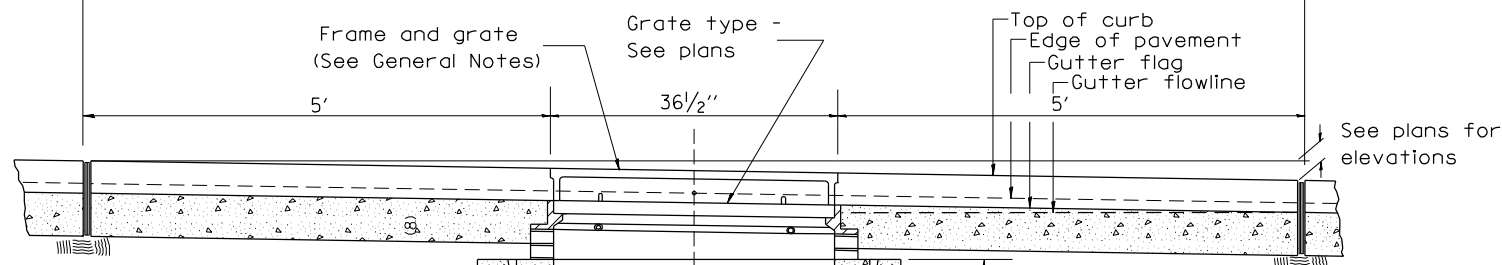
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>INLET-MANHOLE, TYPE G-1 DETAIL</b>	
NOT TO SCALE	SCALE:
SHEET 1	OF 3 SHEETS
STA.	TO STA.

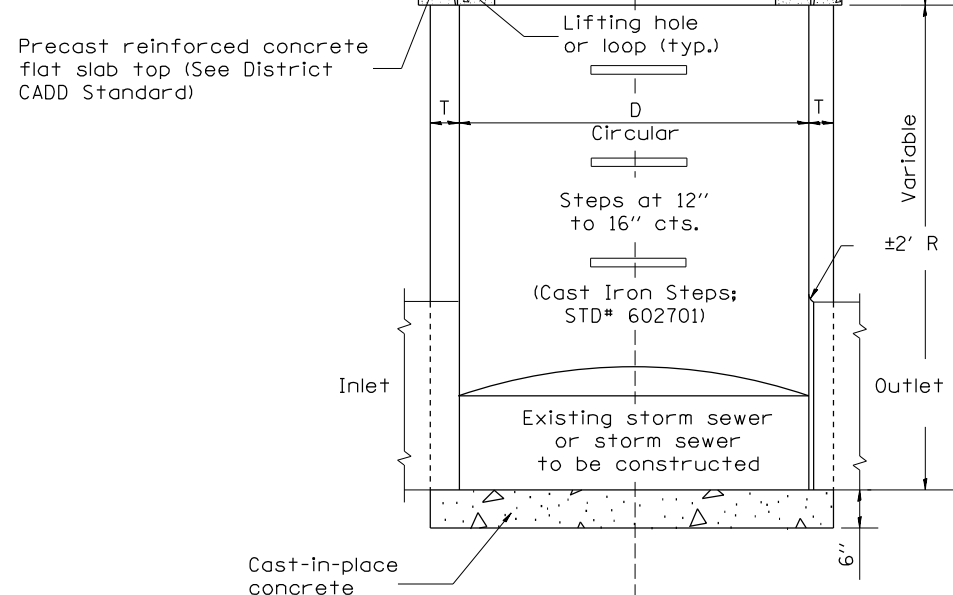
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705	(M-15D,4)RS-1	TAZEWELL	78	61
CONTRACT NO. 68C94				
ILLINOIS FED. AID PROJECT				



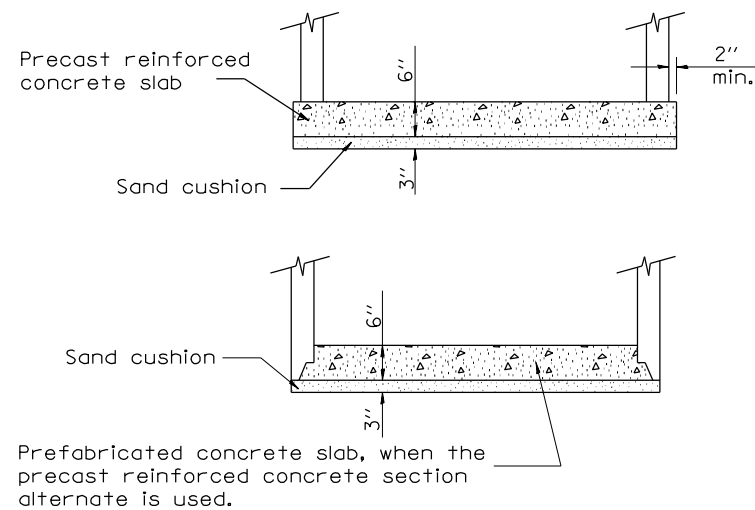
**PLAN**



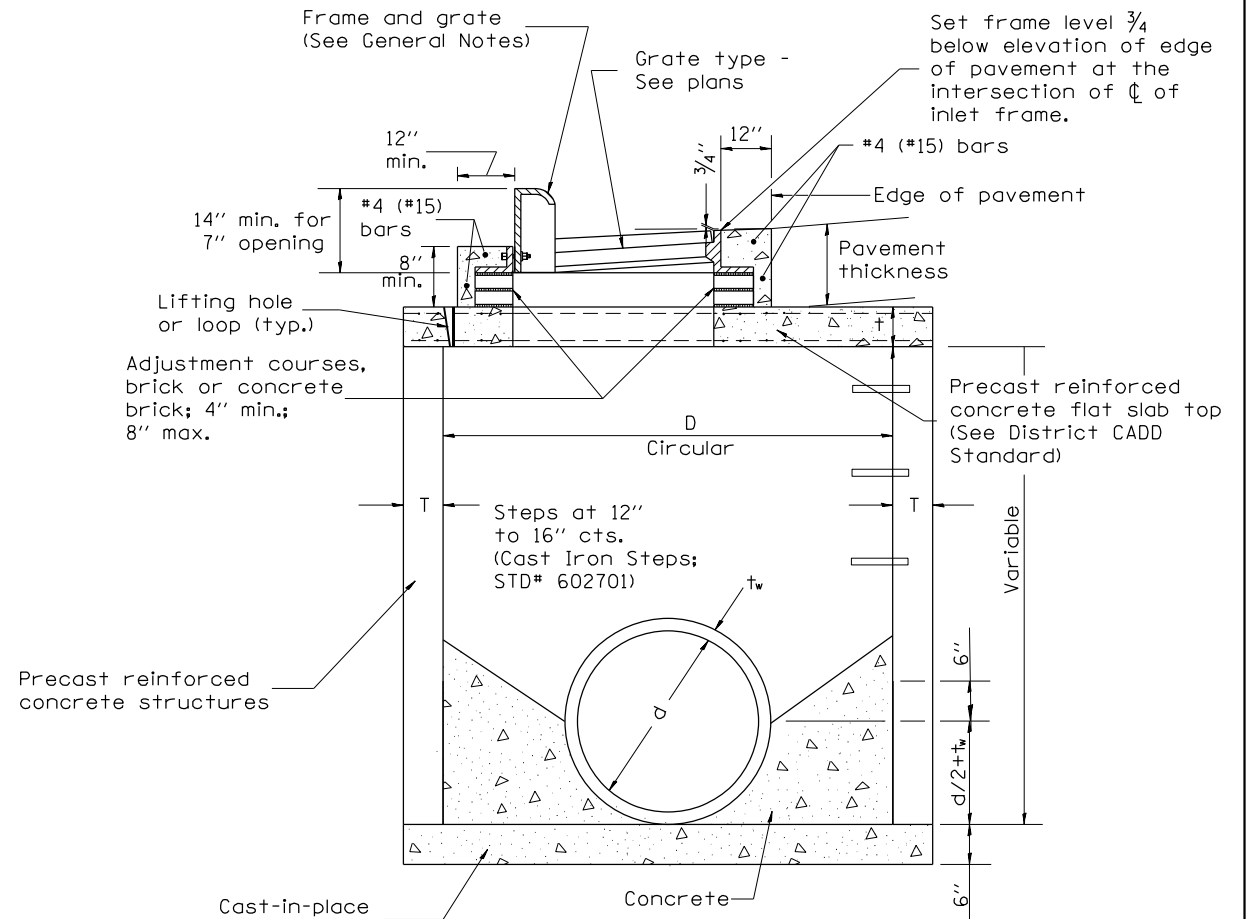
**ELEVATION (SIDE)**



**ELEVATION (FRONT)**



**ALTERNATE BOTTOM SLAB**



**ELEVATION (SIDE)**

**TABLE**

D	T	+
4' (1.2m)	5 (125)	6 (150)

**GENERAL NOTES**

1. See Special Provision
2. This alternate method shall be used to intercept existing storm sewer pipes with the proposed manhole.
3. Move the manhole forward as shown and rotate the flat slab top.
4. See District CADD Standard 604001-D4 for frame and grates.
5. See District CADD Standard 602101-D4 for precast reinforced concrete flat slab top.

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 SHEET: ...

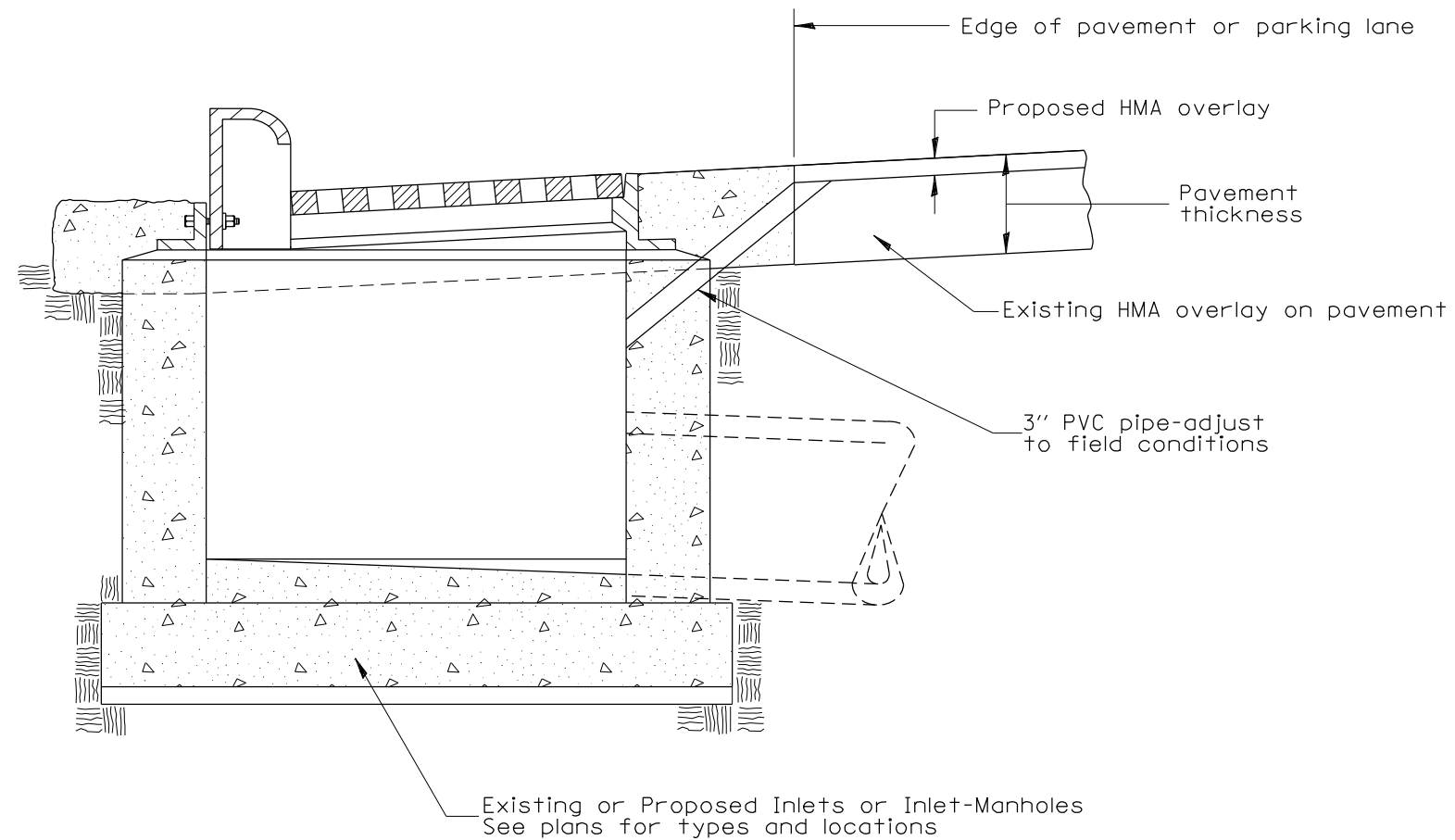
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PLOT DATE = 6/28/2024	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INLET-MANHOLE, TYPE G-1  
(ALTERNATE CONSTRUCTION METHOD) DETAIL**

NOT TO SCALE  
SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(M-15D.4)RS-1	TAZEWELL	78	62
CONTRACT NO. 68C94				
ILLINOIS FED. AID PROJECT				



**NOTES:**

1. Temporary Drainage - This work consists of furnishing and installing a 3" PVC pipe in the existing or proposed drainage structure to facilitate drainage off the pavement prior to the placement of the HMA overlay.
2. Adequate pavement drainage shall be maintained during all phases of construction.
3. The PVC pipe is to be filled with mortar prior to the HMA surface placement.
4. This detail applies to all inlet and inlet-manhole types.
5. This work shall not be paid for seperately but shall be included in the cost of HMA surface removal pay items

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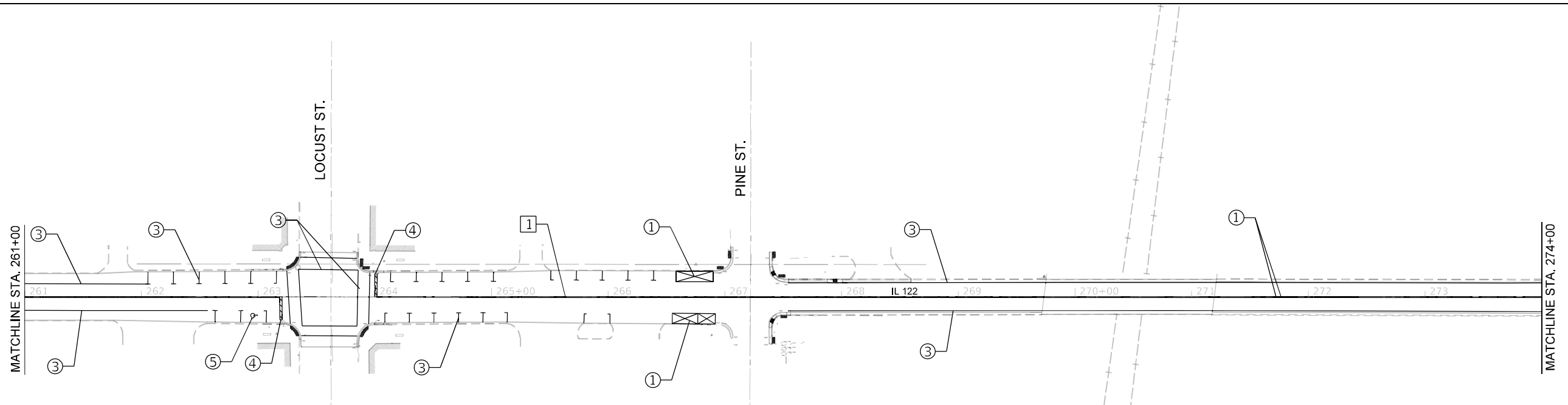
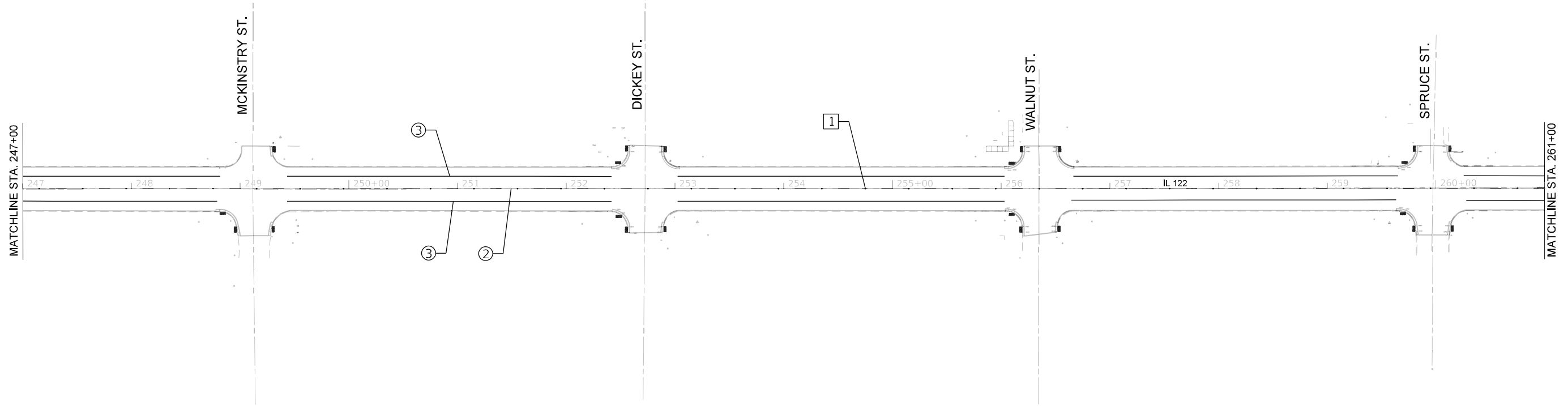
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**TEMPORARY DRAINAGE TREATMENT DETAIL**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(M-15D.4)RS-1	TAZEWELL	78	63
CONTRACT NO. 68C94				
ILLINOIS FED. AID PROJECT				





PAVEMENT MARKING LEGEND		RAISED REFLECTIVE PAVEMENT MARKERS (RRPM) LEGEND	
①	4" SOLID YELLOW	1	◆ TWO-WAY AMBER MARKER AT 40' CENTERS
②	4" SKIP DASH YELLOW- SEE STD. 780001-D4 FOR SPACING	2	◆ TWO-WAY AMBER MARKER AT 80' CENTERS
③	6" SOLID WHITE	3	■ CURB REFLECTORS
④	24" SOLID WHITE		
⑤	LETTERS AND SYMBOLS- SEE HIGHWAY STD. 780001-05		
⑥	8" SOLID WHITE		
⑦	12" SOLID WHITE		

NOTE: SEE PAVEMENT MARKING SCHEDULES FOR STATIONS AND QUANTITIES

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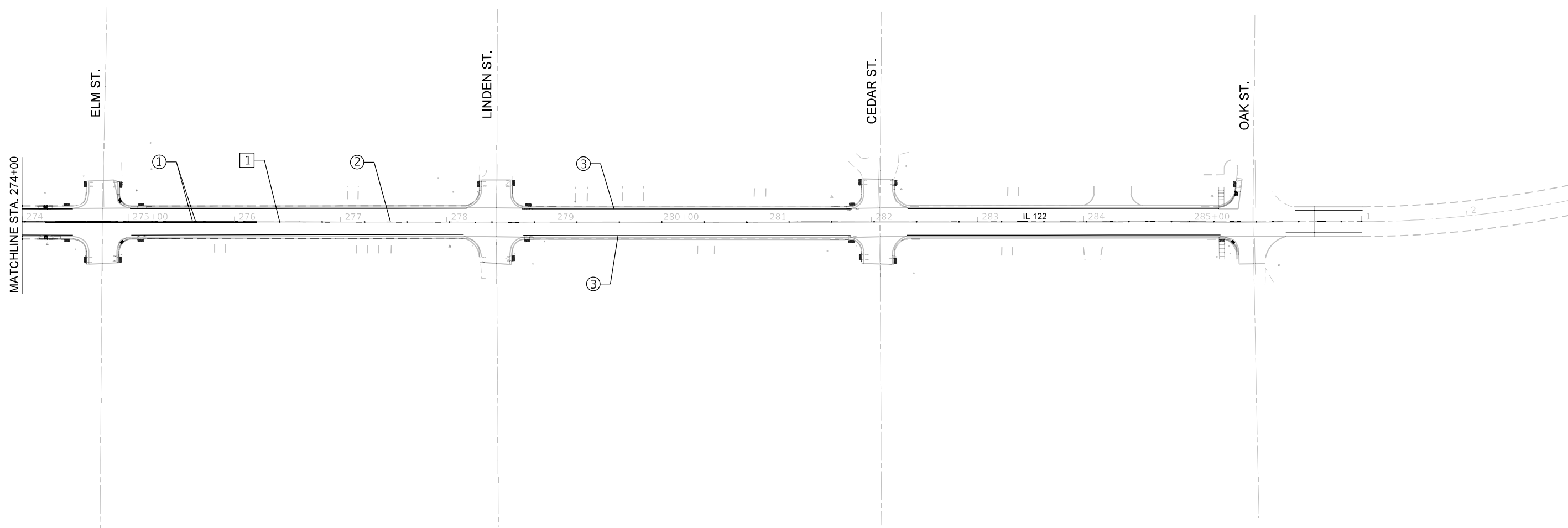
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	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(M-15D.4)RS-1	TAZEWELL	78	65
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68C94	



PAVEMENT MARKING LEGEND		RAISED REFLECTIVE PAVEMENT MARKERS (RRPM) LEGEND	
①	4" SOLID YELLOW	①	◆ TWO-WAY AMBER MARKER AT 40' CENTERS
②	4" SKIP DASH YELLOW- SEE STD. 780001-D4 FOR SPACING	②	◆ TWO-WAY AMBER MARKER AT 80' CENTERS
③	6" SOLID WHITE	③	◆ CURB REFLECTORS
④	24" SOLID WHITE		
⑤	LETTERS AND SYMBOLS- SEE HIGHWAY STD. 780001-05		
⑥	8" SOLID WHITE		
⑦	12" SOLID WHITE		

NOTE: SEE PAVEMENT MARKING SCHEDULES FOR STATIONS AND QUANTITIES

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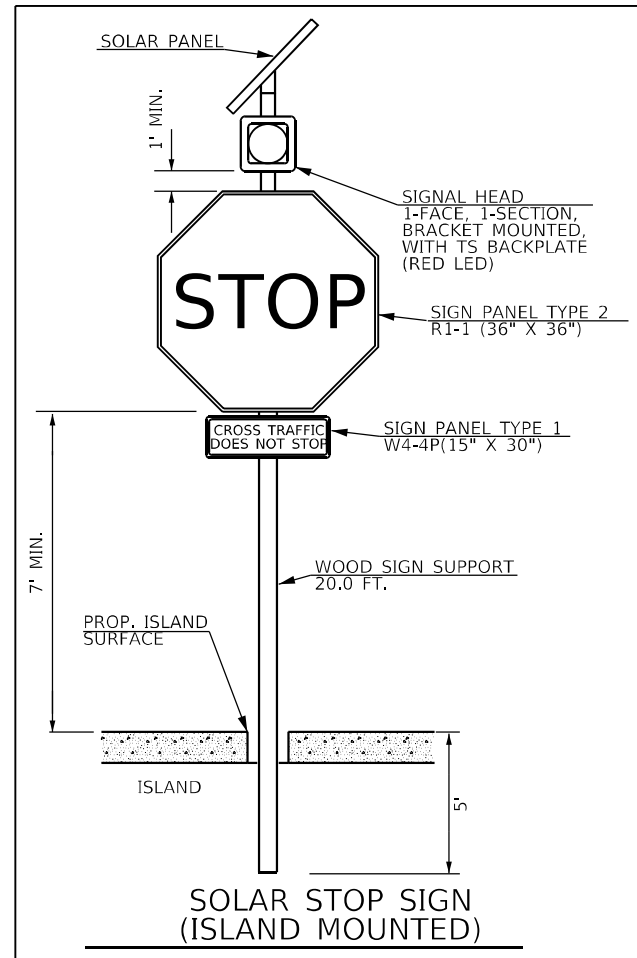
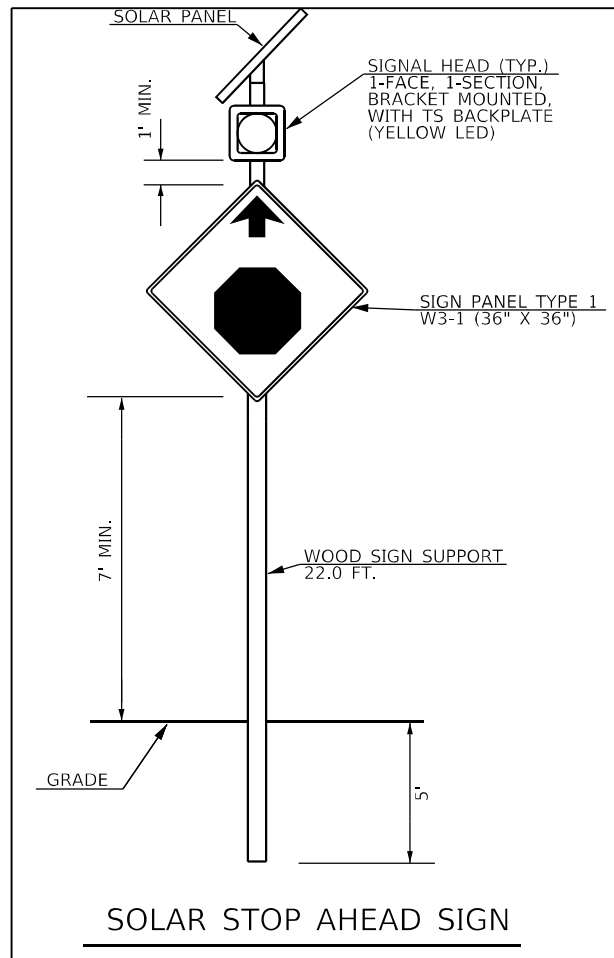
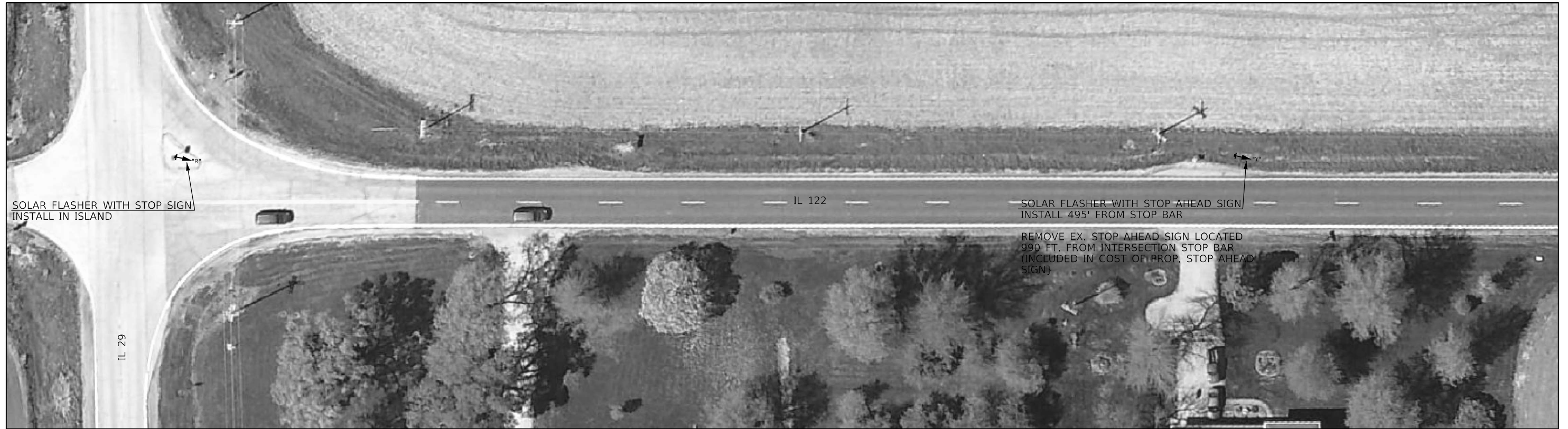
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>PAVEMENT MARKING PLAN</b>			
SCALE:	SHEET 3	OF 3	SHEETS
STA.		TO STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(M-15D.4)RS-1	TAZEWELL	78	66
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68C94	





NOTES:  
 THE CONTRACTOR SHALL FURNISH AND INSTALL ALL REQUIRED COMPONENTS INCLUDING, BUT NOT LIMITED TO, SOLAR PANEL, CONTROL UNIT, BRACKETING, HARDWARE, ELECTRICAL COMPONENTS, WIRING, FLASHING BEACON ASSEMBLY (YELLOW OR RED LED) FOR OPERATION OF THE SOLAR-POWERED FLASHING BEACON ASSEMBLY. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE BID PRICE OF THE SOLAR-POWERED FLASHING BEACON ASSEMBLY.

SOLAR STOP AHEAD SIGN - QTY. 1	
EACH GROUND MOUNT INSTALLATION INCLUDES:	
SIGN PANEL, TYPE 1	QTY. 9.0 SQ FT
WOOD SIGN SUPPORT	QTY. 20.0 FT
SLR-PWR FB AS CMP	QTY. 1.0 EACH

SOLAR STOP SIGN - QTY. 1	
SIGN PANEL, TYPE 1	QTY. 12.1 SQ FT
WOOD SIGN SUPPORT	QTY. 20.0 FT
SLR-PWR FB AS CMP	QTY. 1.0 EACH

BILL OF MATERIALS		
DESCRIPTION	UNIT	QTY.
SIGN PANEL, TYPE 1	SQ FT	40.0
WOOD SIGN SUPPORT	FOOT	21.1
SOLAR-POWERED FLASHING BEACON INSTALLATION (COMPLETE)	EACH	2.0

LEGEND	
	PROP. SIGN PANEL INSTALLED ON PROP. WOOD POST
	PROP. SOLAR POWERED FLASHING BEACON (RED)
	PROP. SOLAR POWERED FLASHING BEACON (YELLOW)

NOT TO SCALE

MODEL NUMBER/NAME  
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

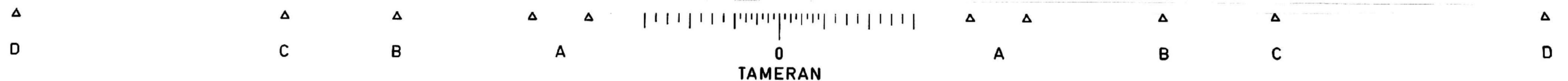
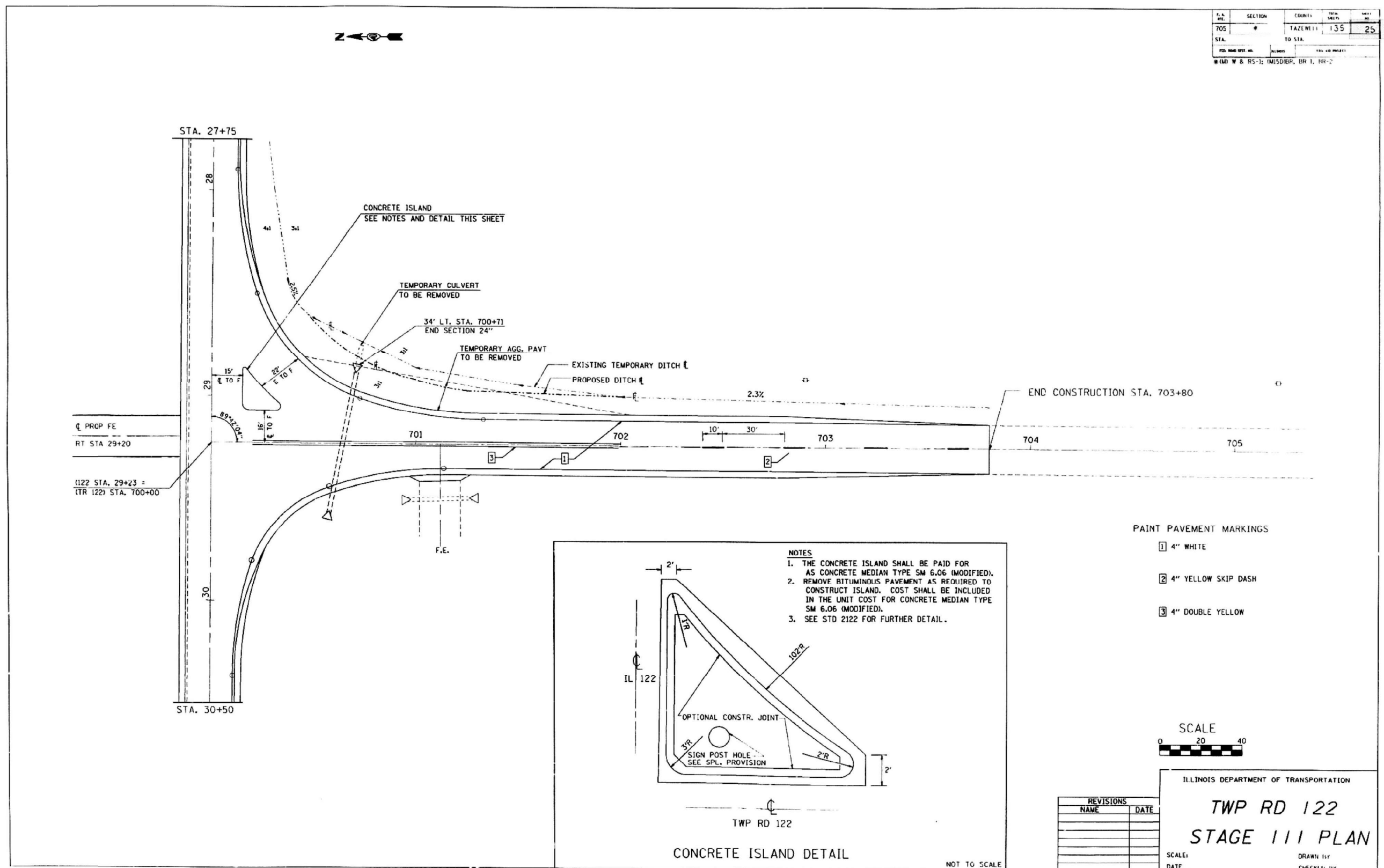
FLASHING BEACON AND SIGN DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(M-15D.4)RS-1	TAZEWELL	78	67
CONTRACT NO. 68C94				
ILLINOIS FED. AID PROJECT				

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	#	TAZEWELL	135	25
STA.	TO STA.			
FED. ROAD DIST. NO.	ALWAYS	FED. AID PROJECT		

\*(M) W & RS-1; MISDIBR, BR 1, HH-2



USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1:100	CHECKED -	REVISED -
PLOT DATE = 6/28/2024	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

FOR INFORMATION ONLY  
CONCRETE MEDIAN ISLAND AT CATERPILLAR RD.

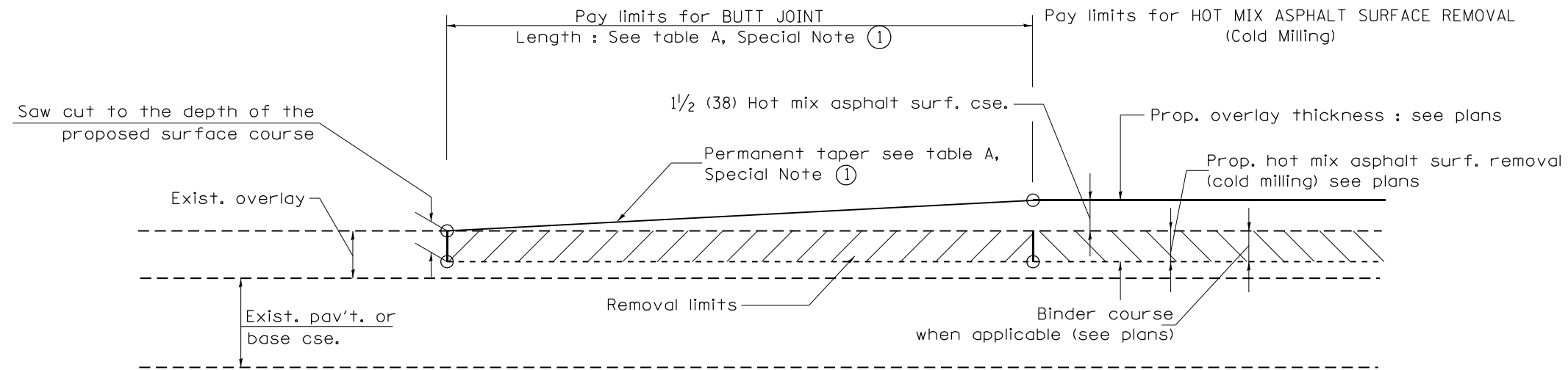
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(M-15D.4)RS-1	TAZEWELL	78	68
CONTRACT NO. 68C94			ILLINOIS FED. AID PROJECT	

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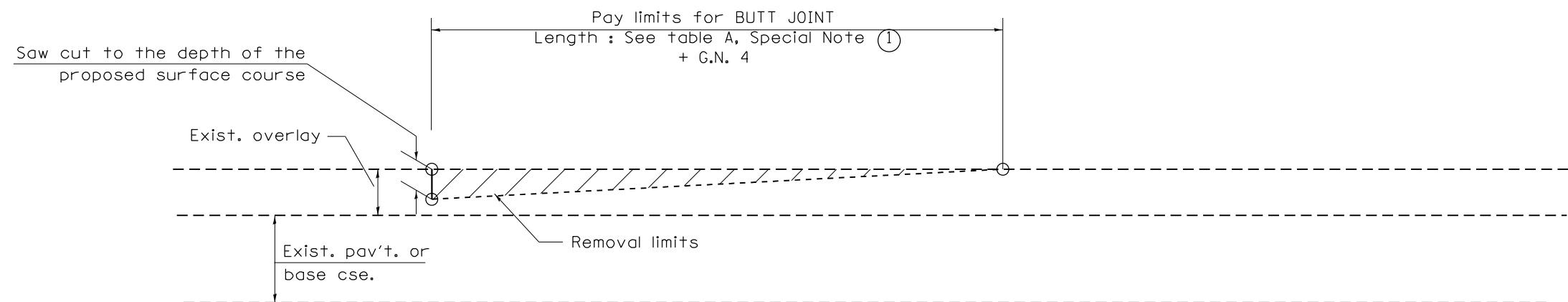
**CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)**

**TABLE A  
TAPER RATES**

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

**GENERAL NOTES**

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



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

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

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

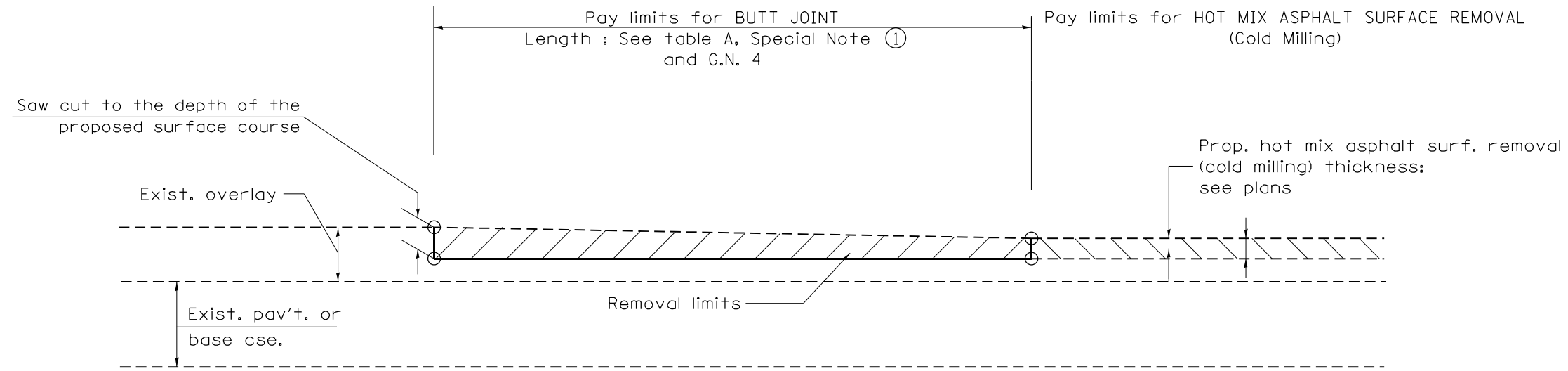
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BUTT JOINTS**

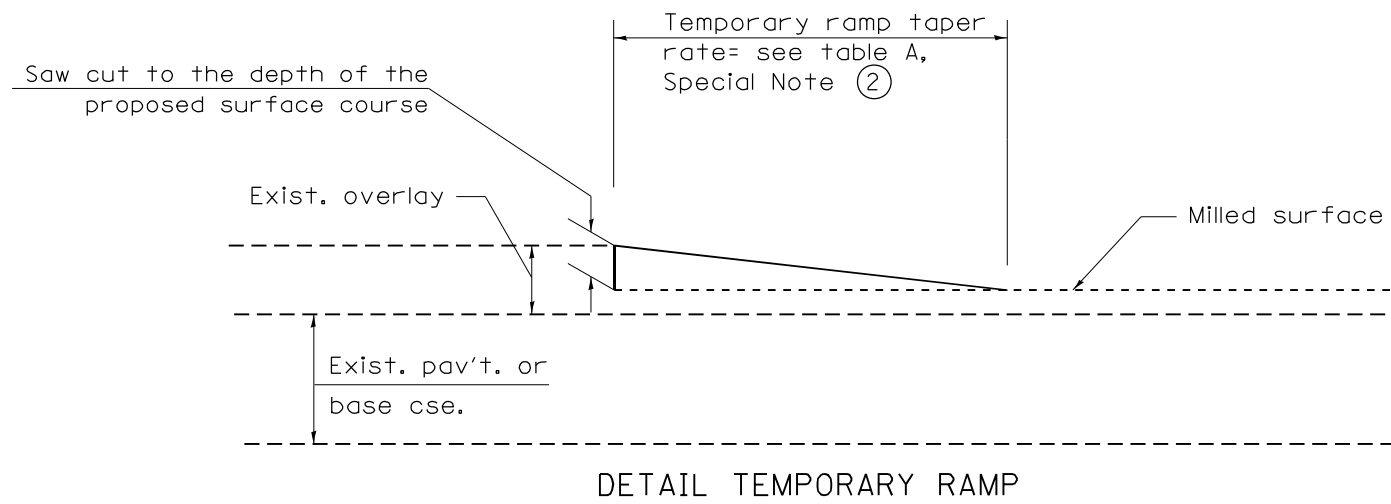
NOT TO SCALE

SHT. 1 OF 3  
CADD STD. 406101-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(M-15D.4)RS-1	TAEWELL	78	70
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68C94	

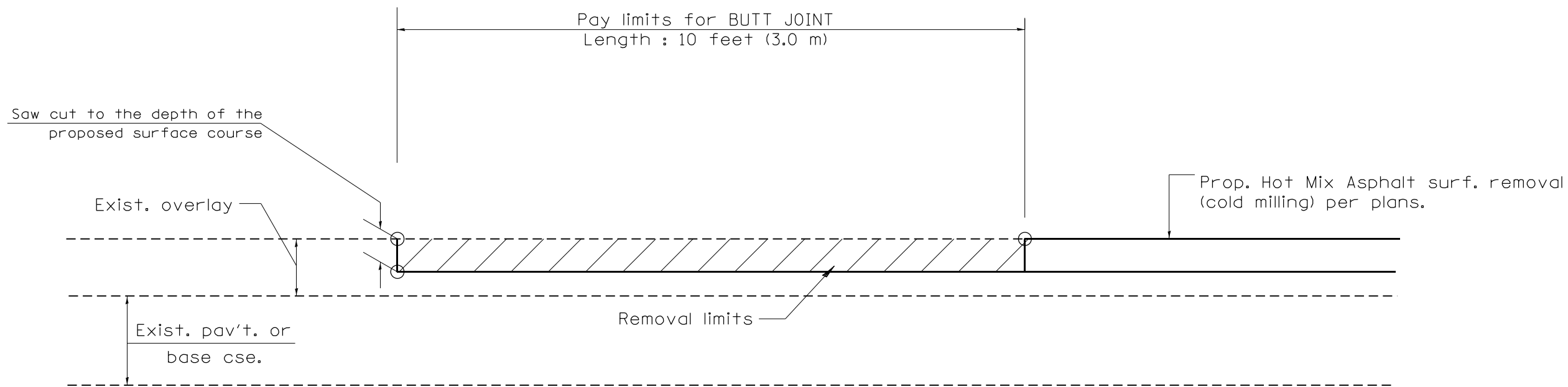


**CASE 3 : HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)  
TIE-IN TO EXISTING BITUMINOUS TAPER**



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

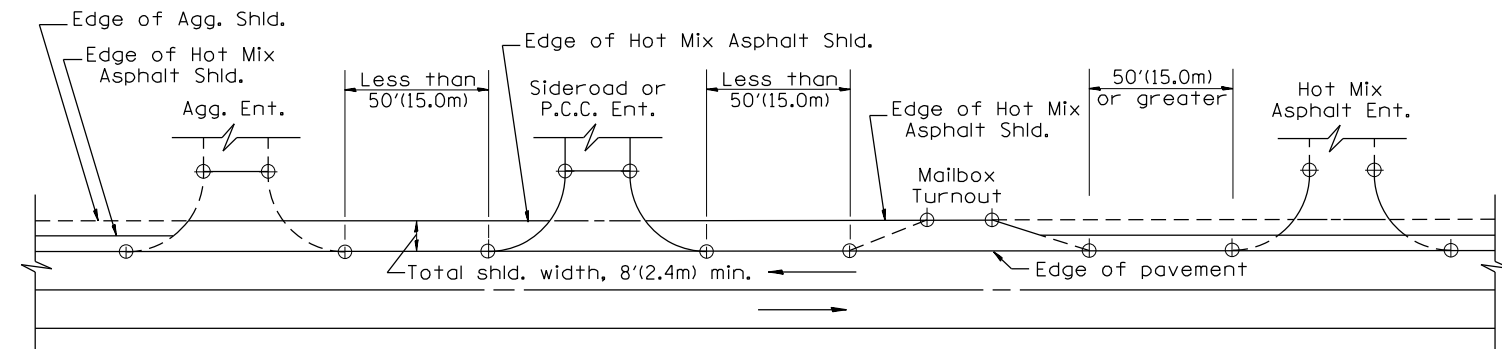
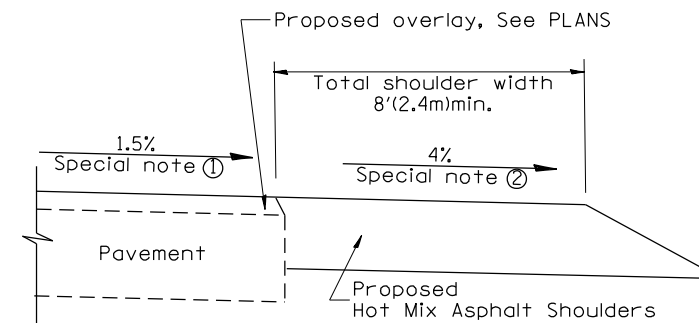
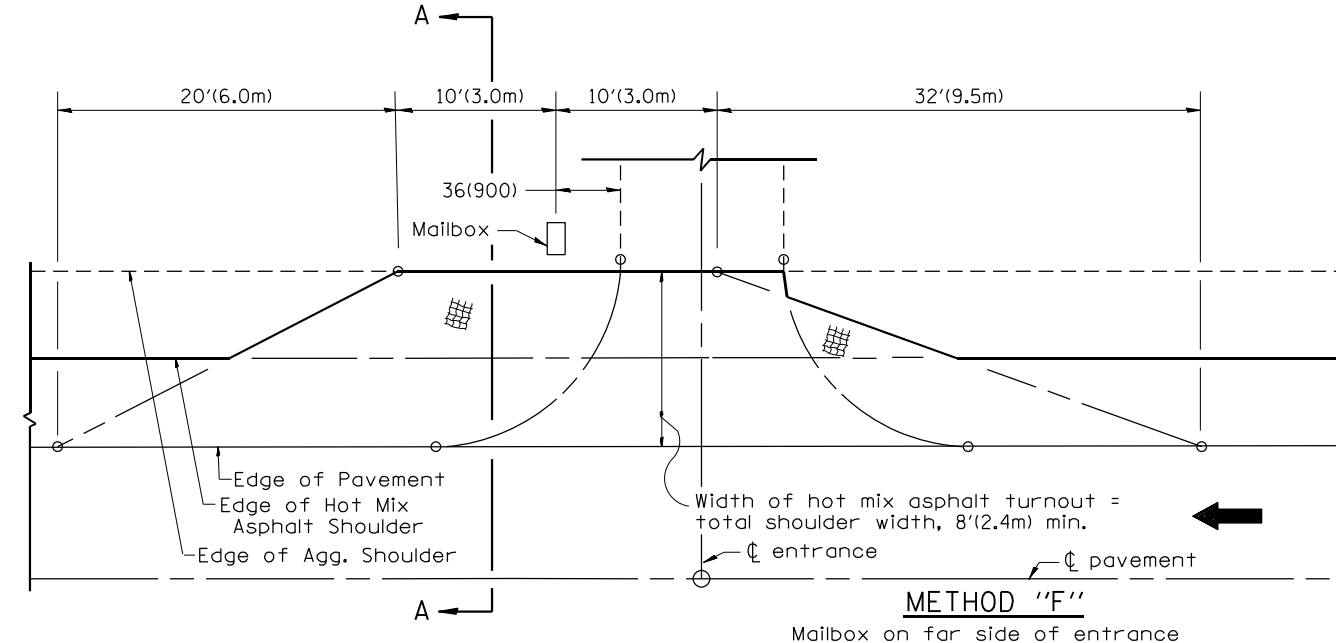
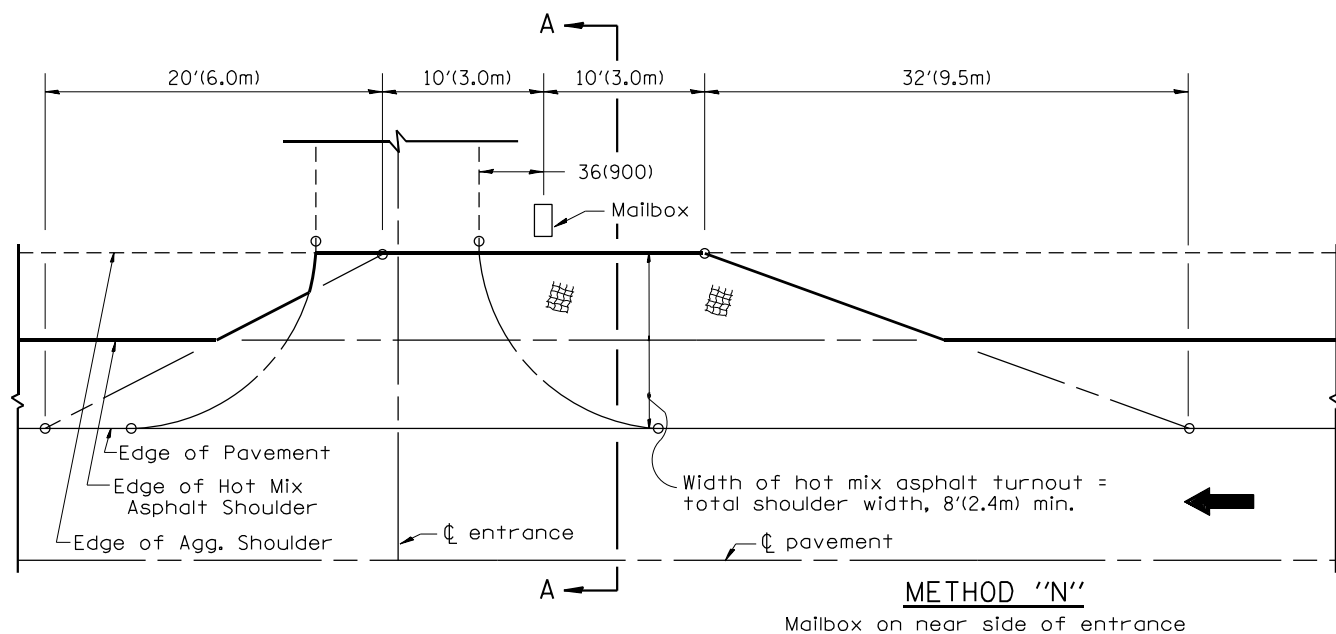
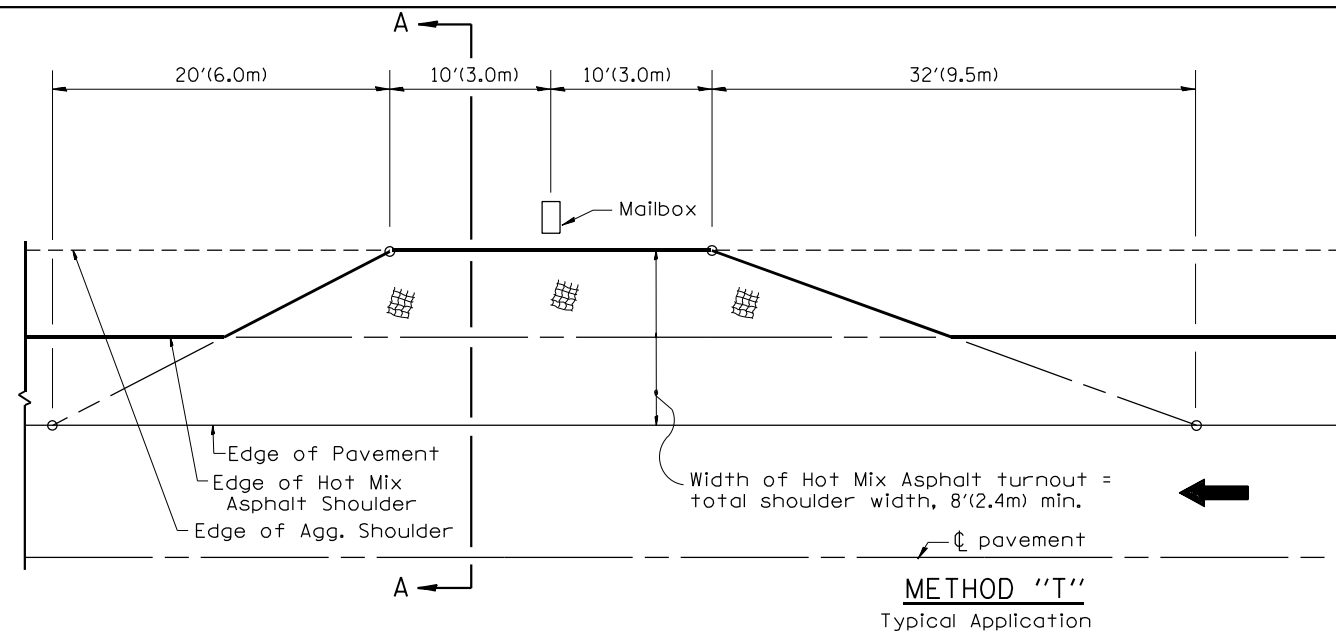
				<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>		<b>BUTT JOINTS</b>		SHT. 2 OF 3 CADD STD. 406101-D4	
				NOT TO SCALE				CONTRACT NO. 68C94	
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.					
705	(M-15D.4)RS-1	TAZEWELL	78	71					
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT							



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.

		<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>		<b>BUTT JOINTS</b>		SHT. 3 OF 3 CADD STD. 406101-D4		<table border="1"> <tr> <th>F.A.P. RTE.</th> <th>SECTION</th> <th>COUNTY</th> <th>TOTAL SHEETS</th> <th>SHEET NO.</th> </tr> <tr> <td>705</td> <td>(M-15D.4)RS-1</td> <td>TAZEWELL</td> <td>78</td> <td>72</td> </tr> <tr> <td colspan="3">FED. ROAD DIST. NO.</td> <td colspan="2">ILLINOIS FED. AID PROJECT</td> </tr> </table>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	705	(M-15D.4)RS-1	TAZEWELL	78	72	FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																				
705	(M-15D.4)RS-1	TAZEWELL	78	72																				
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT																					
				NOT TO SCALE				CONTRACT NO. 68C94																



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.

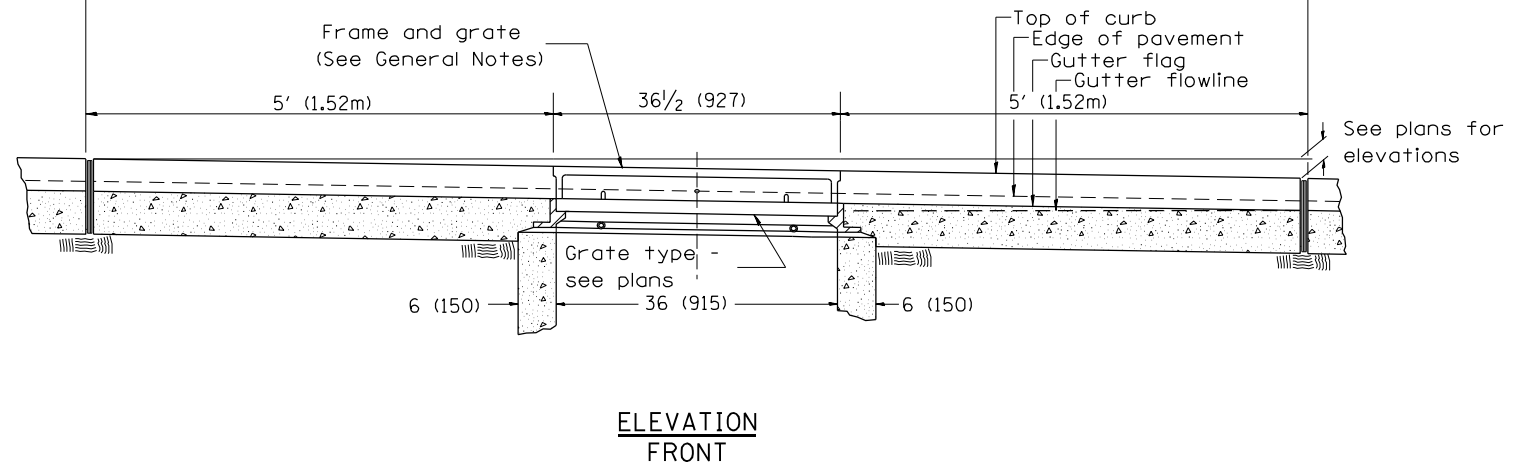
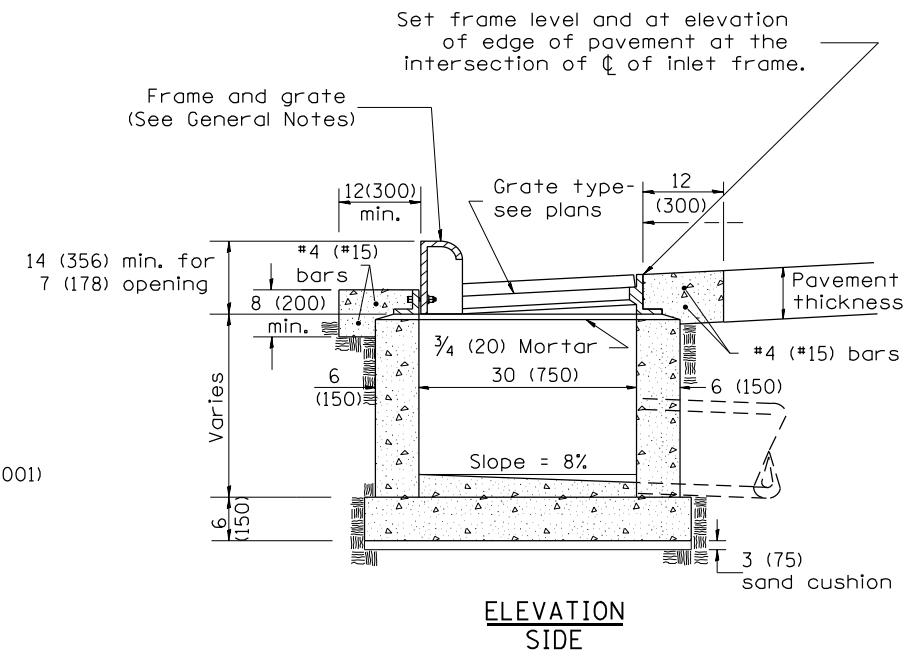
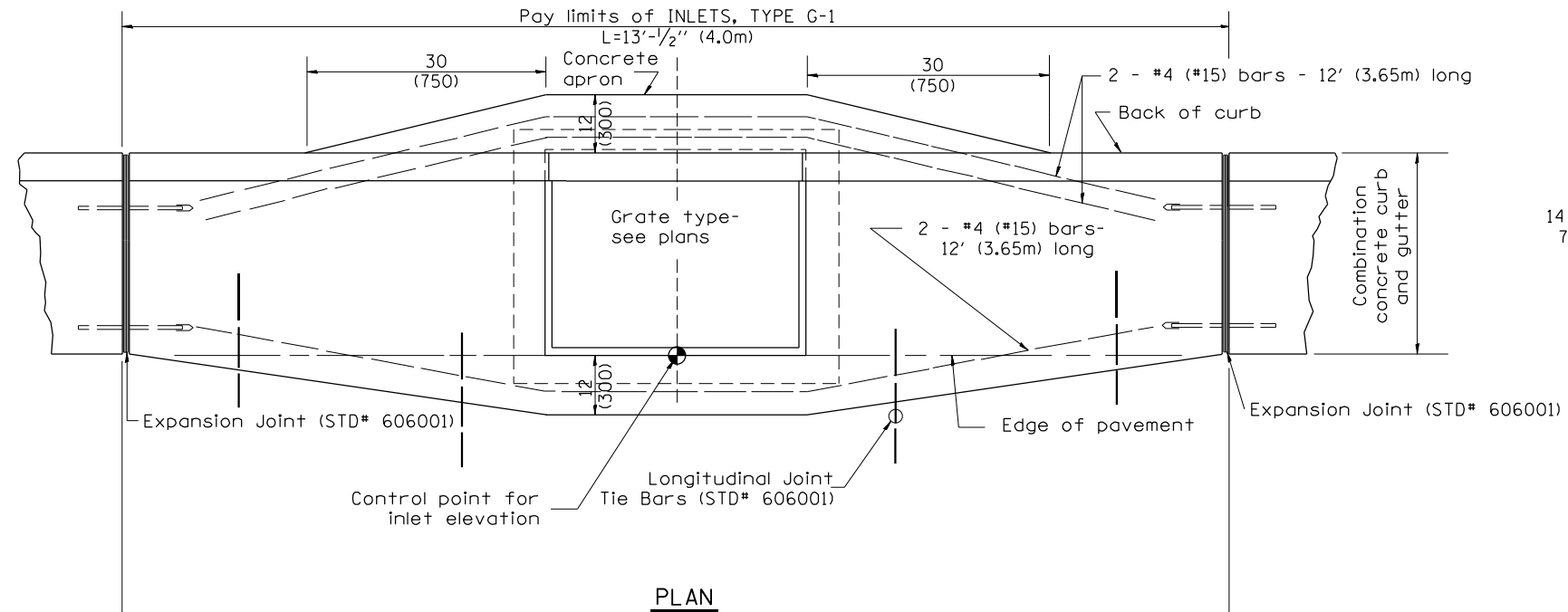
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MAILBOX TURNOUTS FOR "3R" PROJECTS

NOT TO SCALE

CADD STD. 406201-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(M-15D,4)RS-1	TAZEWELL	78	73
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68C94	



**GENERAL NOTES**

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

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

01-01-97	RENUM. B-4.01, NEW REVISION BOX	T.P.							
10-99	REVISION TO GENERAL NOTES	J.A.							
02-00	REVISION TO DESIGNER NOTES	J.A.							
10-16-06	REVISED TO 2007 SPEC.	M.A.							

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

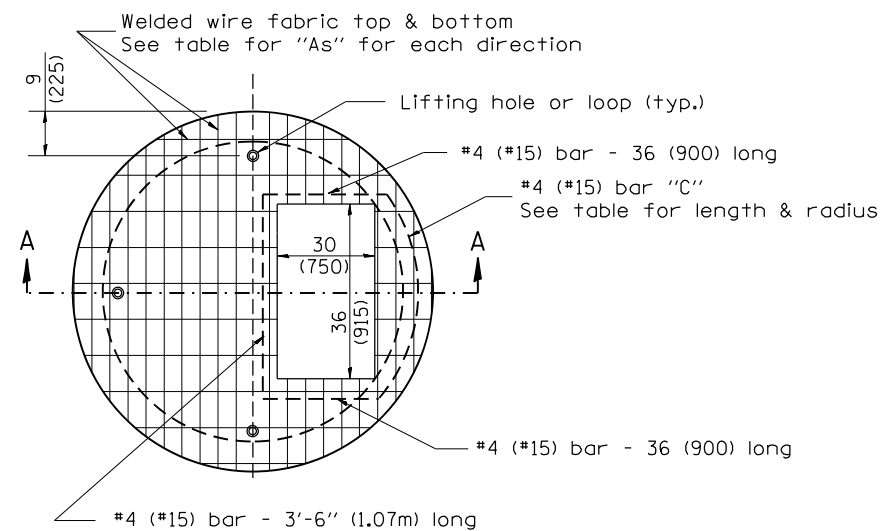
**INLETS, TYPE G-1**

NOT TO SCALE

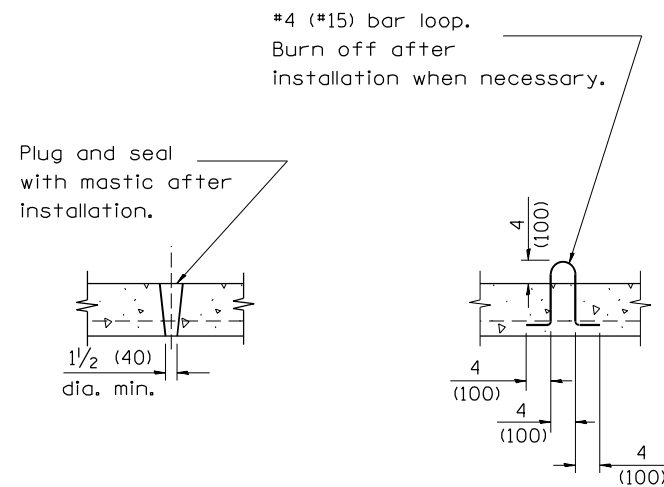
CADD STD. 602001-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(M-15D.4)RS-1	TAZEWELL	78	74
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68C94	



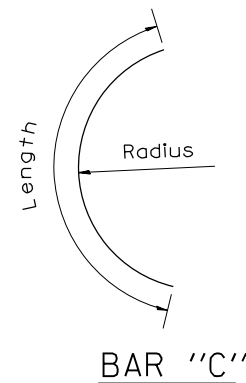


PLAN



LIFTING HOLE OR LIFTING LOOP  
TYPICAL

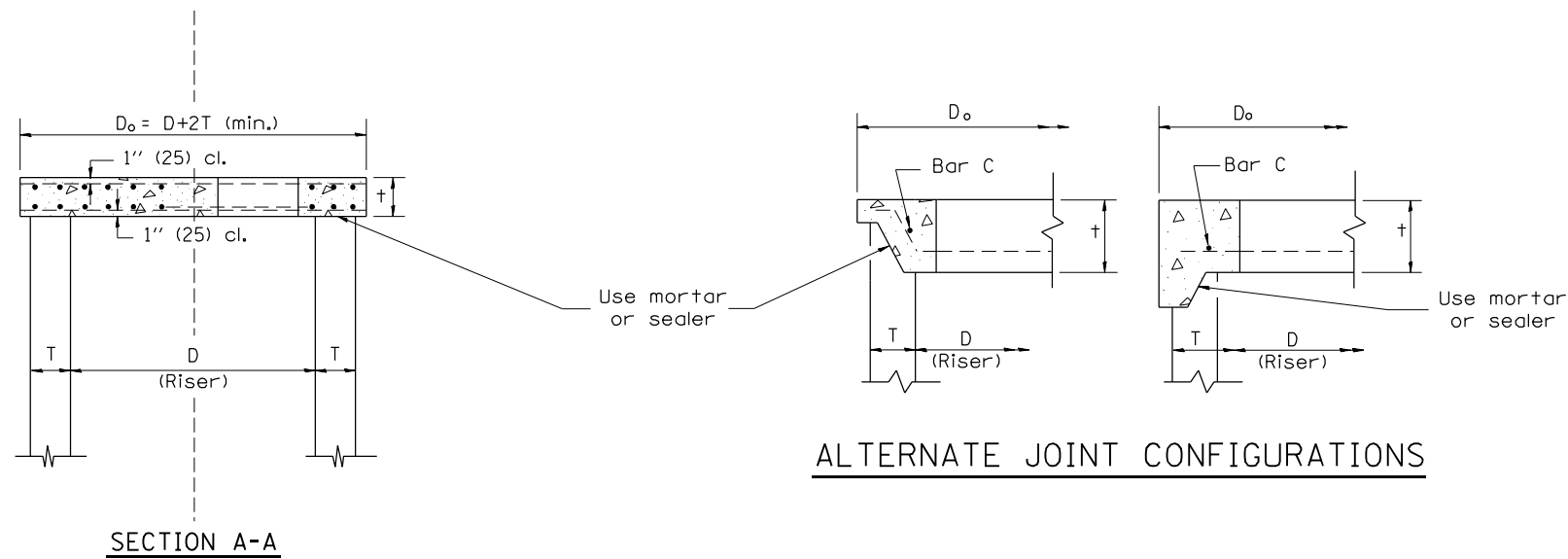
(3 required per slab)



BAR "C"

TABLE

D	T	D <sub>o</sub> (min.)	t	Reinforcement "As" W.W.F. each direction	Bar size	No. 15 (No. 4) Bar C	
						Length	Radius
4' (1.2m)	5 (125)	4'-10" (1.5m)	6 (150)	0.70 sq. inch/lin. ft. (1480mm <sup>2</sup> /m)	No. 15 (No. 5)	1.35m (4'-6")	660 (26)
5' (1.5m)	6 (150)	6'-0" (1.8m)	8 (200)	0.70 sq. inch/lin. ft. (1480mm <sup>2</sup> /m)	No. 15 (No. 5)	1.5m (5'-0")	810 (32)
6' (1.8m)	7 3/4 (195)	7'-3 1/2" (2.2m)	8 (200)	0.88 sq. inch/lin. ft. (1860mm <sup>2</sup> /m)	No. 20 (No. 6)	1.8m (6'-0")	965 (38)
8' (2.4m)	9 (225)	9'-6" (2.9m)	10 (250)	0.88 sq. inch/lin. ft. (1860mm <sup>2</sup> /m)	No. 20 (No. 6)	2.3m (7'-6")	1.27m (4'-2")



GENERAL NOTES

1. The precast reinforced concrete flat slab top shall be used with INLET-MANHOLE, TYPE G-1 and INLET-MANHOLE, TYPE G-1, SPECIAL.
2. Joint configuration and dimensions of flat slab top shall match and fit the riser joint detail.
3. Lifting devices shall be approved by the Engineer.

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

01-01-97	RENUM. B-4.07, NEW REVISION BOX	T.P.
10-16-06	REVISED TO 2007 SPEC.	M.A.

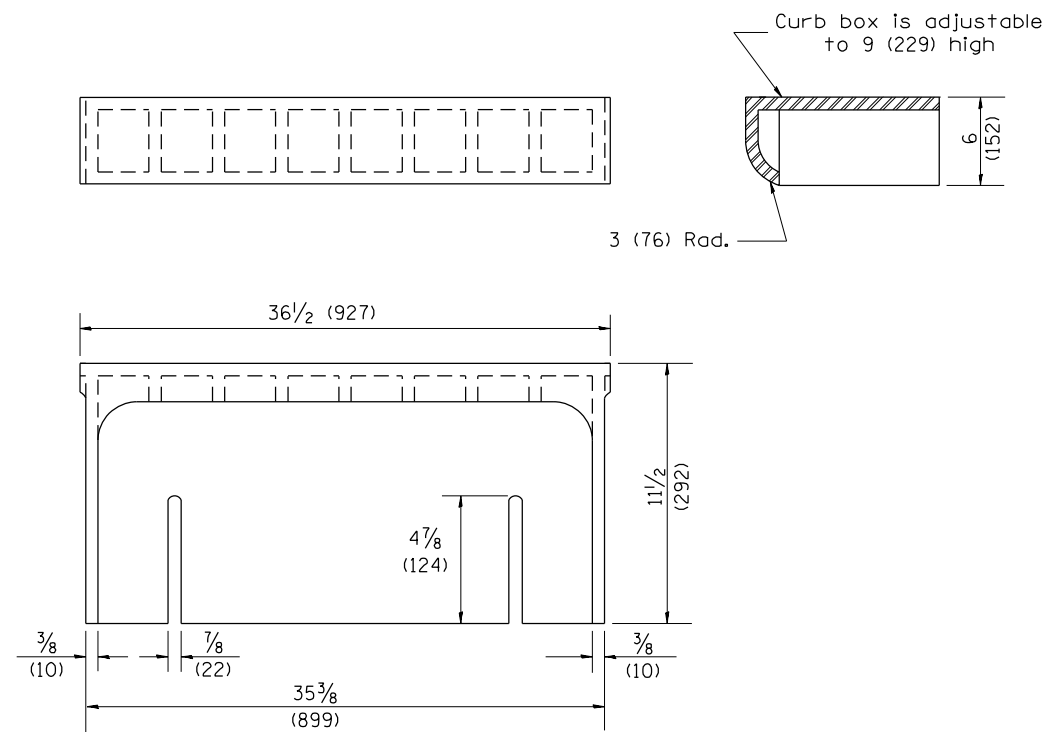
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PRECAST REINFORCED CONCRETE FLAT SLAB TOP FOR  
INLET-MANHOLE, TYPE G-1 AND TYPE G-1, SPECIAL

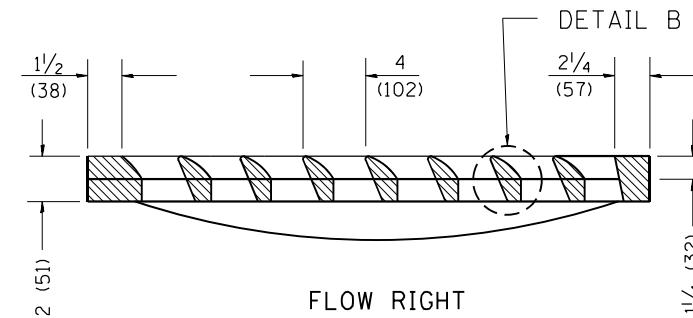
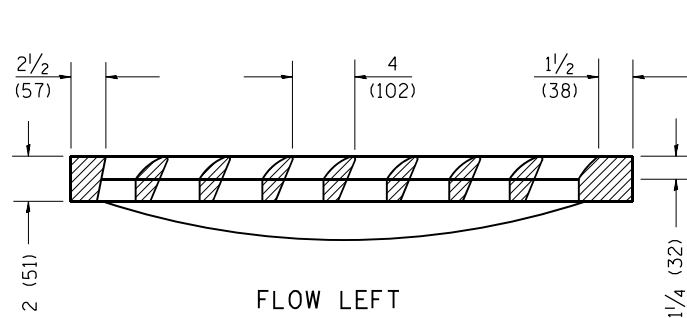
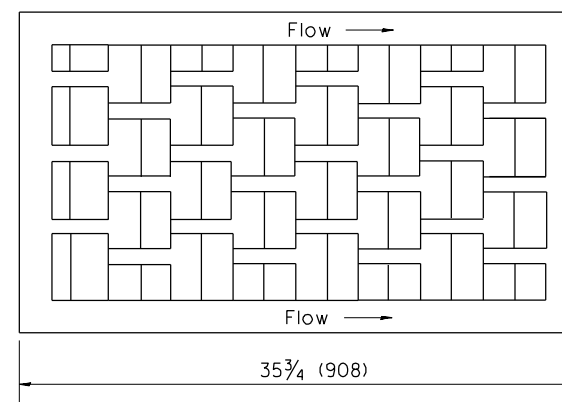
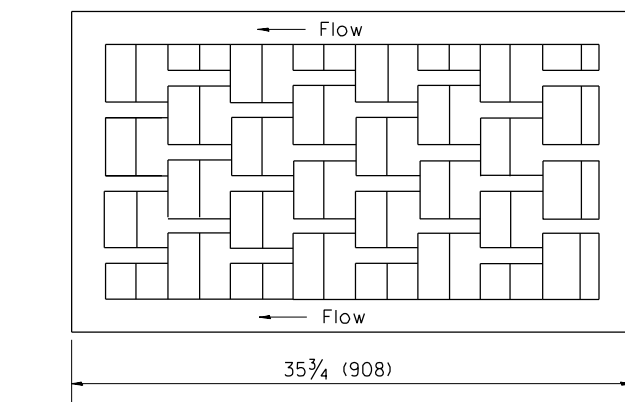
NOT TO SCALE

CADD STD. 602101-D4

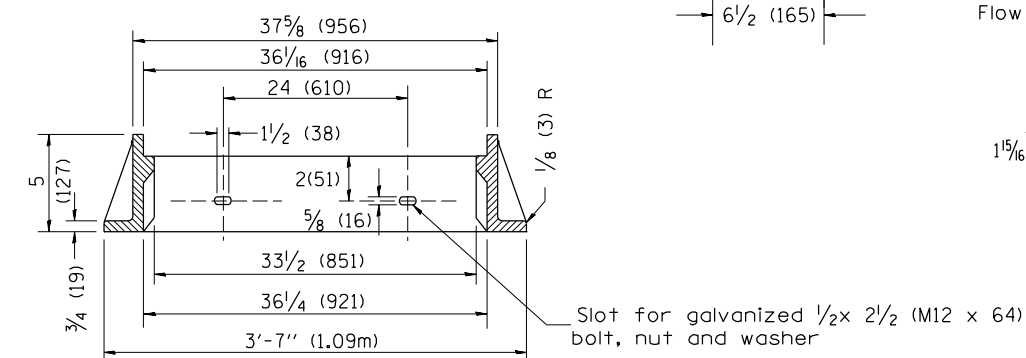
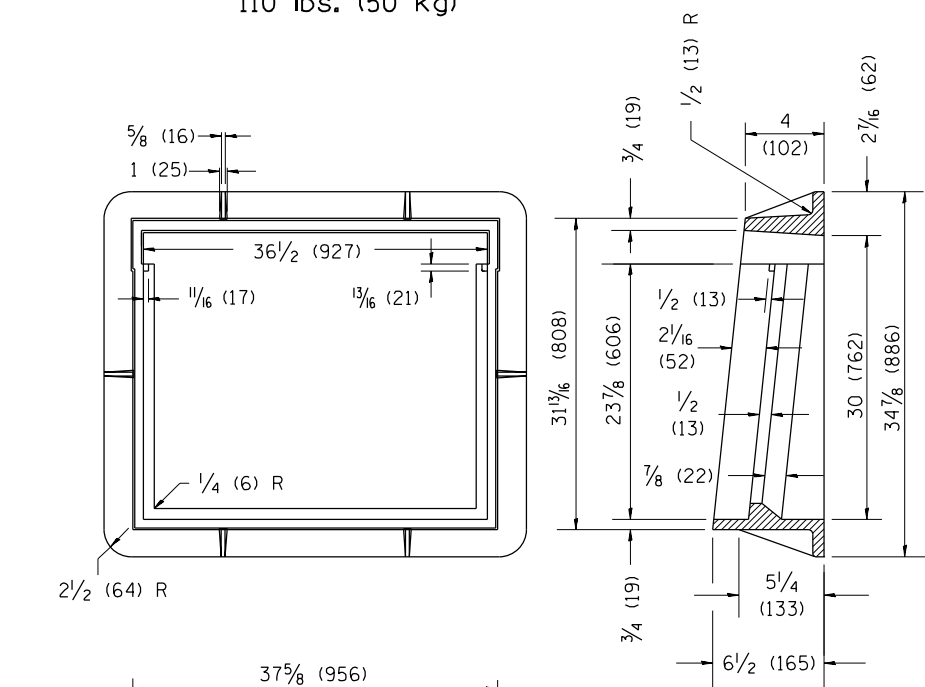
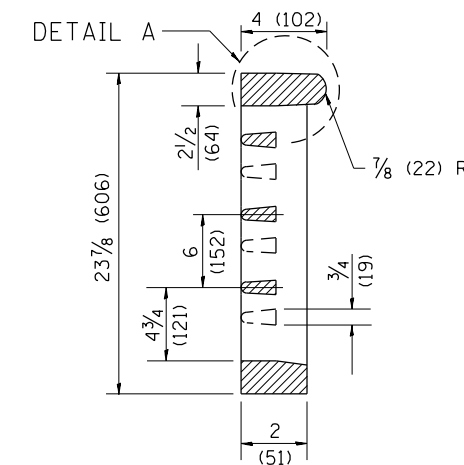
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(M-15D.4)RS-1	TAZEWELL	78	75
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68C94	



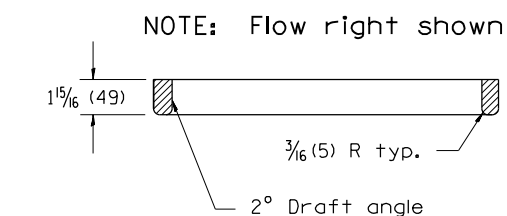
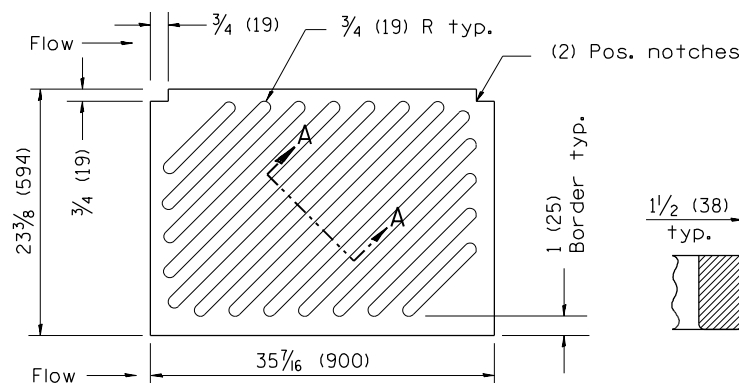
**CAST CURB BOX**  
110 lbs. (50 kg)



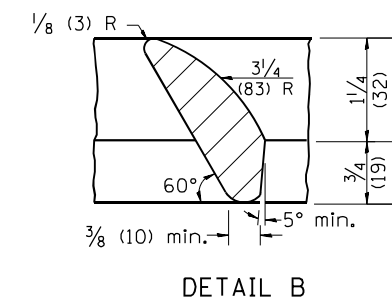
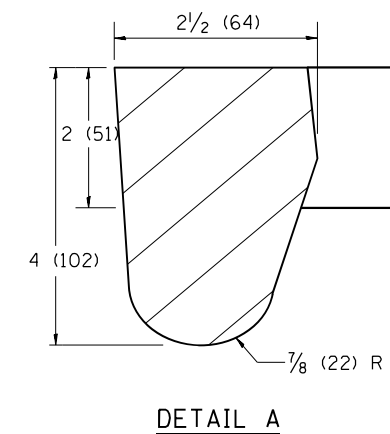
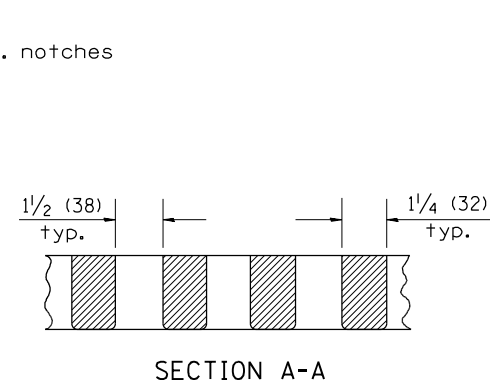
**CAST VANE GRATES**  
(SPECIFY LEFT OR RIGHT FLOW)  
230 lbs. (104 KG)



**CAST FRAME**  
271 lbs. (123 kg)



**CAST DIAGONAL GRATE**  
(Reversible for flow)  
217 lbs. (98 kg)



**GENERAL NOTES**

1. The frame and grate shown on this drawing are for use with all TYPE G-1 and TYPE G-1, SPECIAL DRAINAGE STRUCTURES. See plans for grate type and flow direction.
2. Flow direction: As viewed from street side.
3. Material: cast gray iron.

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

01-01-97	RENUM. B-10.01, NEW REVISION BOX	T.P.
10-16-06	REVISED TO 2007 SPEC.	M.A.

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

FRAME & GRATES FOR TYPE G-1 AND TYPE G-1,  
SPECIAL DRAINAGE STRUCTURES

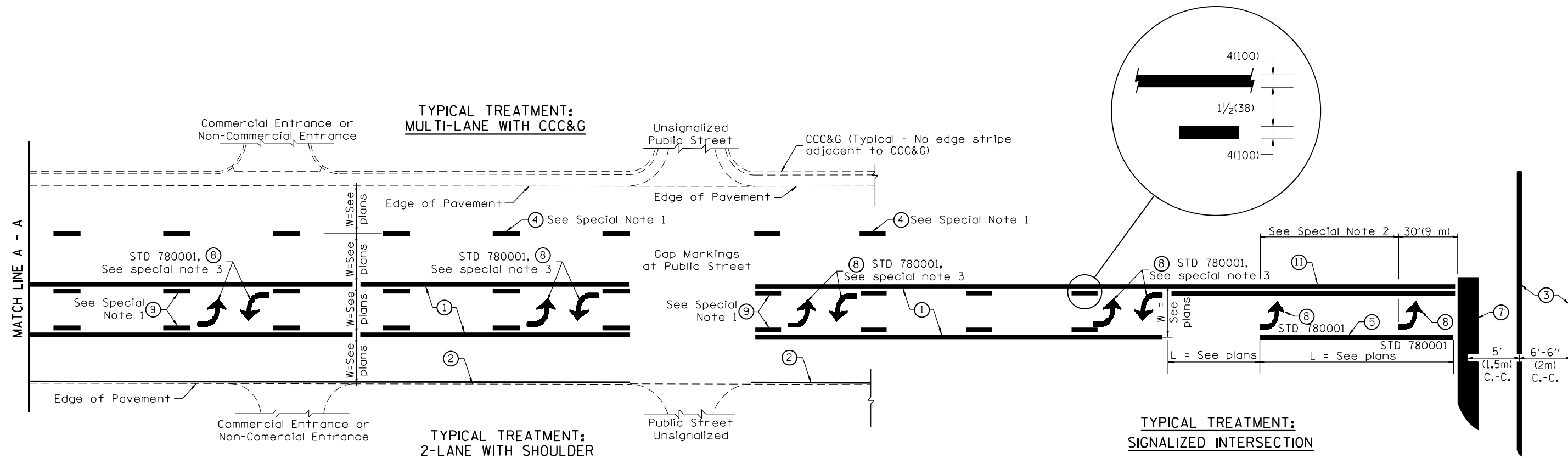
NOT TO SCALE

CADD STD. 604001-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(M-15D.4)RS-1	TAZEWELL	78	76
CONTRACT NO. 68C94				

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) (See Table A)
- ⑪ 4(100) Double Solid (Yellow) (See Table A)

**SPECIAL NOTES**

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

**GENERAL NOTES**

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

01-01-97	RENUM. F-8.03, NEW REVISION BOX	T.P.	10-16-06	REVISED TO 2007 SPEC.	
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. 2 OF 2  
CADD STD. 780001-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
705	(M-15D.4)RS-1	TAZEWELL	78	78
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68C94	