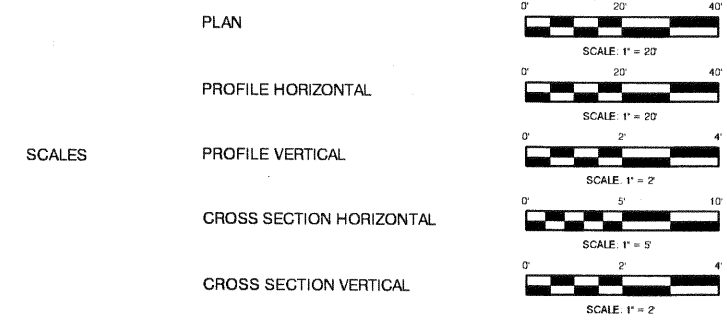


F.A. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6721	07-00116-01-FP	TAZEWELL	20	1
FEDERAL ROAD DIST NO. 7		ILLINOIS	CONTRACT NO. 89490	

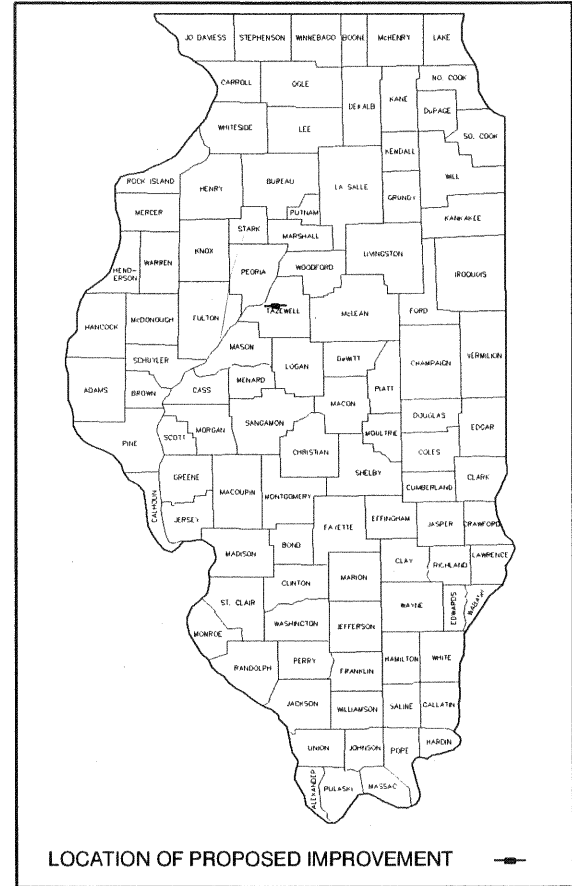
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
**PLANS FOR  
PROPOSED LOCAL AGENCY IMPROVEMENTS  
FEDERAL URBAN PROJECT**

**INDEX OF SHEETS**

- 1 COVER SHEET
- 2 TYPICAL SECTION AND CONSTRUCTION PHASING
- 3 SUMMARY AND SCHEDULES OF QUANTITIES
- 4-6 PLAN AND PROFILE SHEET - EAST JEFFERSON STREET
- 7 PLAN AND PROFILE SHEET - TENNESSEE AVE.
- 8 PLAN AND PROFILE - TENNESSEE AVE AND INTERSECTION DETAIL
- 9 PAVEMENT MARKINGS
- 10 CONSTRUCTION DETAILS
- 11 STORM WATER POLLUTION PREVENTION PLAN
- 12-20 CROSS SECTIONS



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, THESE SCALES MAY BE USED.



**LIST OF CONSTRUCTION STANDARDS**

- 280001-05 TEMPORARY EROSION CONTROL SYSTEMS
- 424001-05 CURB RAMPS FOR SIDEWALKS
- 542301-03 PRECAST REINFORCED CONCRETE FLARED END SECTION
- 602301-03 INLET - TYPE A
- 602306-03 INLET - TYPE B
- 602601-02 PRECAST REINFORCED CONCRETE FLAT SLAB TOP
- 604001-03 FRAME AND LIDS, TYPE 1
- 604036-02 TYPE B GRATE
- 606001-04 CONCRETE CURB TYPE B AND COMBINATION CURB AND GUTTER
- 666001-01 RIGHT OF WAY MARKERS
- 667101-01 PERMANENT SURVEY MARKERS
- 701201-04 LANE CLOSURE 2L 2W - DAY ONLY
- 701301-04 LANE CLOSURE 2L 2W - SHORT TIME OPERATION
- 701311-03 LANE CLOSURE 2L 2W - MOVING OPERATION DAY ONLY
- 701501-06 URBAN LANE CLOSURE, 2L, 2W - UNDIVIDED
- 701901-01 TRAFFIC CONTROL DEVICES
- BLR 17-4 TRAFFIC CONTROL DEVICES - DAY LABOR CONSTRUCTION

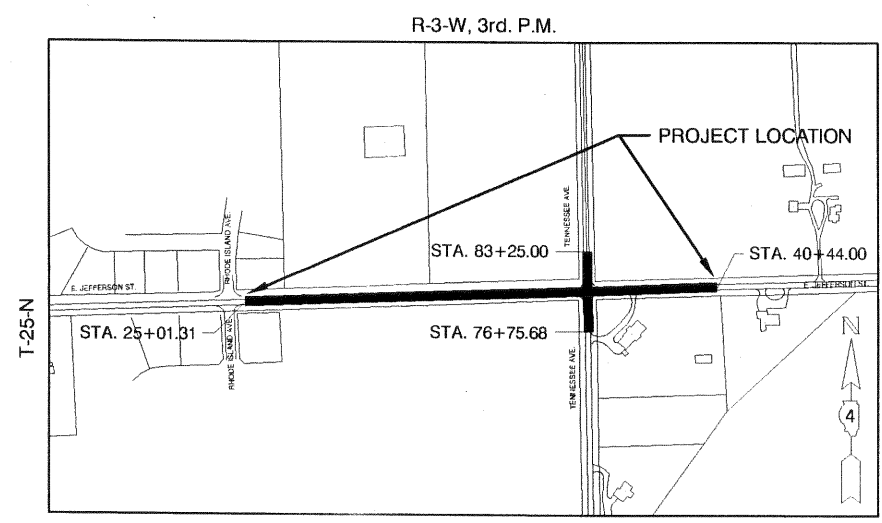
**F.A.U. ROUTE 6721, COUNTY OF TAZEWELL, ILLINOIS  
SECTION 07-00116-01-FP  
PROJECT M-5093 (127)  
JOB NO. C-94-044-08  
VILLAGE OF MORTON**

**VILLAGE OFFICIALS**

NORMAN DURFLINGER, PRESIDENT  
JOE NOHL, VILLAGE CLERK

**BOARD OF TRUSTEES**

GINGER HERMANN  
TONY HUETTE  
JEFF KAUFMAN  
STEPHEN E. NEWHOUSE  
DARRELL VIERLING  
BETSY YARCHO



**LOCATION SKETCH**  
RHODE ISLAND AVE. TO 400 FEET EAST OF TENNESSEE AVE.  
LENGTH OF PROJECT: E. JEFFERSON ST. = GROSS 2192.01 LIN. FT.  
NET 2156.01 LIN. FT. = 0.408 MILES

E. JEFFERSON STREET (RHODE ISLAND AVE. TO 400 FT. E. OF TENNESSEE AVE.)

FUNCTIONAL CLASSIFICATION: URBAN COLLECTOR  
ADP = 1,000 (2008) 1,350 (2028)  
DESIGN SPEED = 30 MPH  
GUIDELINES UTILIZED: URBAN  
PV = 28.5% SU = 1.0% MU = 0.5%

PROPOSED IMPROVEMENT CONSISTS OF REMOVAL OF EXISTING SURFACE, CONSTRUCTING A FULL DEPTH HOT-MIX ASPHALT PAVEMENT, CURB AND GUTTER, STORM SEWERS, PAVEMENT MARKINGS, AND INTERSECTIONS IMPROVEMENTS AT E. JEFFERSON ST. AND TENNESSEE AVE.

COMMITMENTS:  
1. ACCESS TO GRACE CHURCH TO BE PROVIDED AT ALL TIMES.

APPROVED 10/26 2010  
*Robert C. ...*  
LOCAL AGENCY OFFICIAL

PASSED 11/5 2010  
*[Signature]*  
DISTRICT ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW Nov 6 2010  
*[Signature]*  
DEPUTY DIRECTOR OF HIGHWAY REGION THREE ENGINEER  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

*W. Franklin Sturm II*  
DATE: \_\_\_\_\_  
W. FRANKLIN STURM, II, P.E.  
ILLINOIS REGISTRATION 43092  
EXPIRES 11/30/11

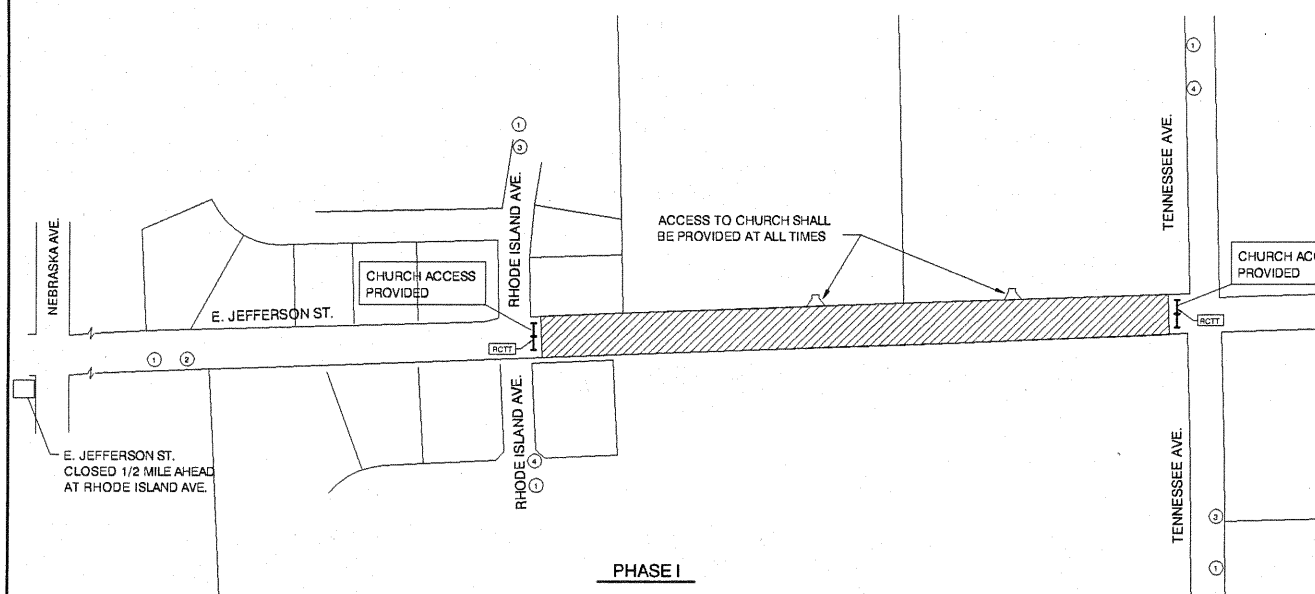
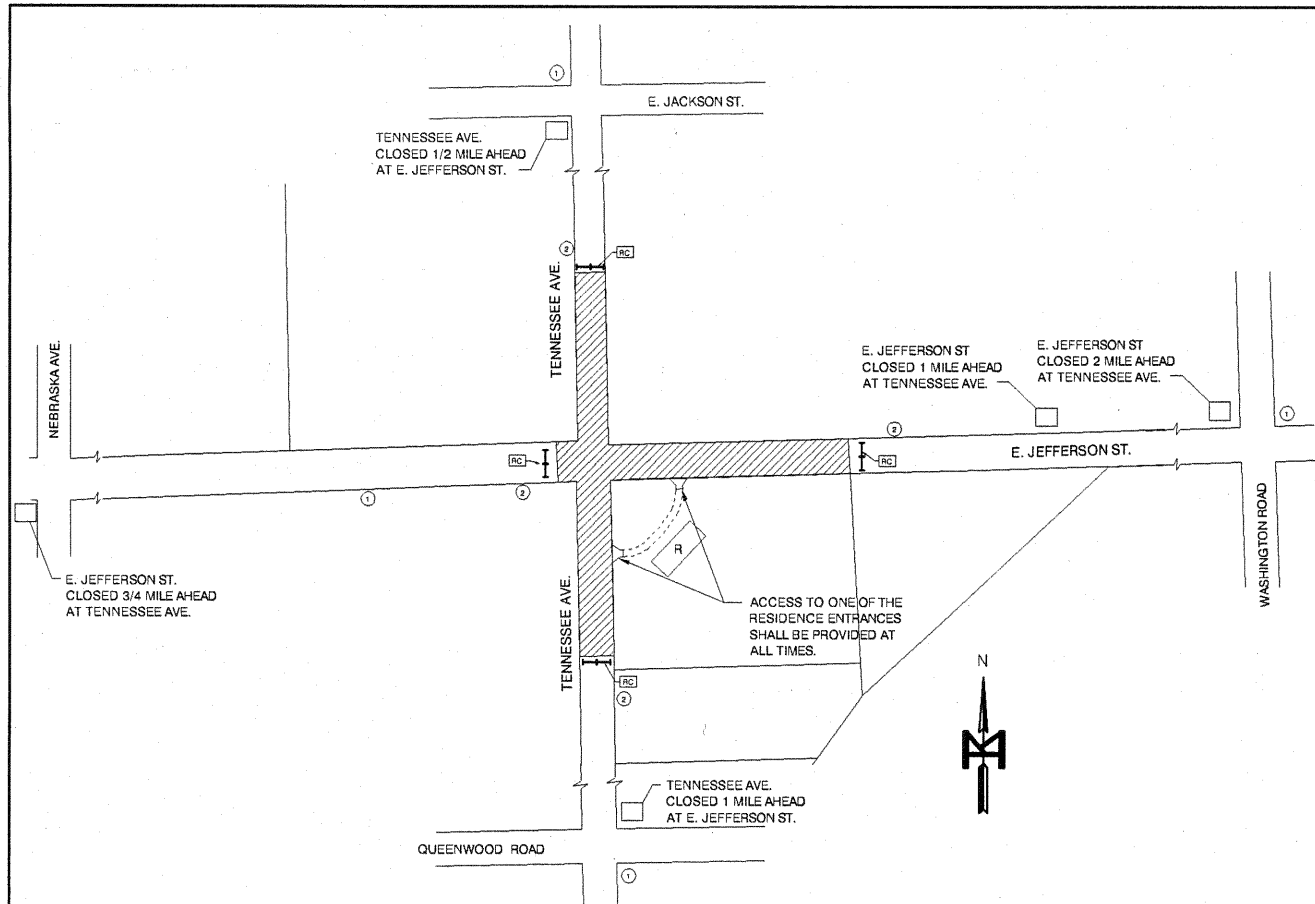
**JULIE LOCATION**  
CALL JULIE 1-800-892-0123 48 HOURS BEFORE YOU DIG EXCLUDING SATURDAYS, SUNDAYS, AND HOLIDAYS

**CONTRACT NO. 89490 CATALOG # 033788-00**

**M MOHR & KERR ENGINEERING & LAND SURVEYING, P.C.**  
7336 N. University Ave. Office: (309) 692-8500  
Peoria, Illinois 61614 Fax: (309) 692-8501  
www.mohrandkerr.com Professional Design Firm #184.005091

PROJECT NO.	09 112
SHEET	1 OF 20
DRAWING NO.	1

09-112



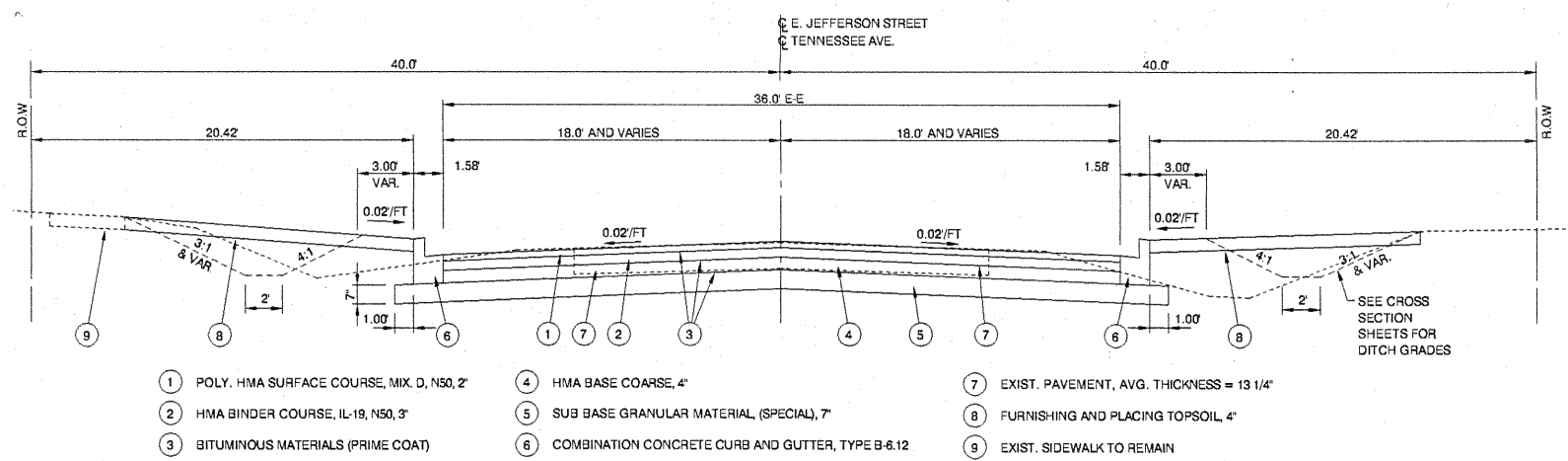
**SUGGESTED TRAFFIC CONTROL PLAN**

**TRAFFIC NOTES:**

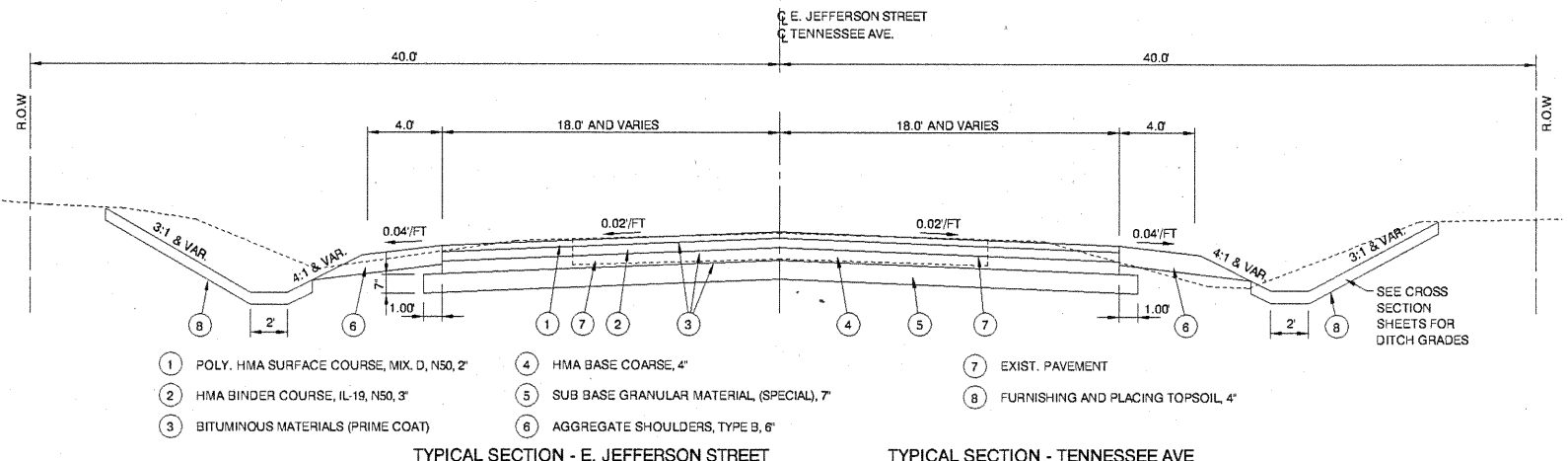
- TYPE III BARRICADES SHALL BE PLACED TO FORM AN UNBROKEN LINE FROM THE FACE OF CURB TO THE FACE OF CURB.
- FLASHING LIGHTS SHALL BE USED ON EACH APPROACH IN ADVANCE OF WORK AREA DURING HOURS OF DARKNESS AND PLACED ON EACH PERMANENT SIGN.
- CONTRACTOR ACCESS SHALL BE VIA EAST JEFFERSON ST. AND TENNESSEE AVE. CONSTRUCTION TRAFFIC ON OKLAHOMA AVE. AND RHODE ISLAND AVE. WILL NOT BE ALLOWED WITHOUT VILLAGE APPROVAL.
- LOCATION OF EQUIPMENT TRAILERS SHALL BE APPROVED BY THE VILLAGE OF MORTON, PRIOR TO PLACEMENT.



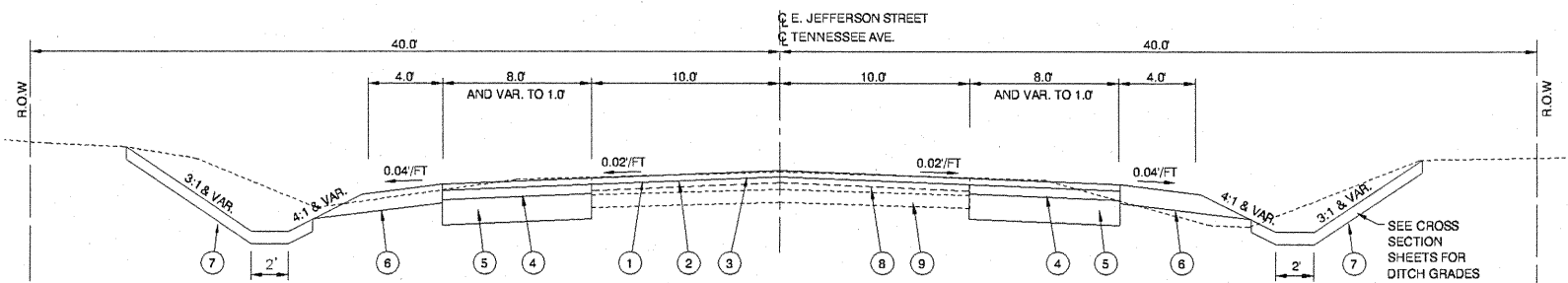
- WORK AREA
- ROAD CONSTRUCTION AHEAD
- ROAD CLOSED AHEAD
- NO LEFT TURN
- NO RIGHT TURN
- ROAD CLOSED SIGN ON BARRICADE
- ROAD CLOSED TO THRU TRAFFIC
- TYPE III BARRICADES



- 1 POLY. HMA SURFACE COURSE, MIX. D, N50, 2"
- 2 HMA BINDER COURSE, IL-19, N50, 3"
- 3 BITUMINOUS MATERIALS (PRIME COAT)
- 4 HMA BASE COURSE, 4"
- 5 SUB-BASE GRANULAR MATERIAL, (SPECIAL), 7"
- 6 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- 7 EXIST. PAVEMENT, AVG. THICKNESS = 13 1/4"
- 8 FURNISHING AND PLACING TOPSOIL, 4"
- 9 EXIST. SIDEWALK TO REMAIN



- 1 POLY. HMA SURFACE COURSE, MIX. D, N50, 2"
- 2 HMA BINDER COURSE, IL-19, N50, 3"
- 3 BITUMINOUS MATERIALS (PRIME COAT)
- 4 HMA BASE COURSE, 4"
- 5 SUB-BASE GRANULAR MATERIAL, (SPECIAL), 7"
- 6 AGGREGATE SHOULDERS, TYPE B, 6"
- 7 EXIST. PAVEMENT
- 8 FURNISHING AND PLACING TOPSOIL, 4"



- 1 POLY. HMA SURFACE COURSE, MIX. D, N50, 2"
- 2 BITUMINOUS MATERIALS (PRIME COAT)
- 3 HMA SURFACE COURSE, REMOVAL, 2" OR VARIABLE DEPTH
- 4 HMA BINDER COURSE, IL-19, N 50, 3"
- 5 HMA BASE COURSE, 8"
- 6 AGGREGATE SHOULDERS, TYPE B, 6"
- 7 FURNISHING AND PLACING TOPSOIL, 4"
- 8 LEVELING BINDER, (MACHINE METHOD), N 50 (E. JEFFERSON ST), AVG. THICKNESS = 1 3/4"
- 9 EXIST. PAVEMENT TO REMAIN

- GENERAL NOTES:**
- ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF "THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", OF THE STATE OF ILLINOIS, ADOPTED JANUARY 1, 2007 AND THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS OF THE STATE OF ILLINOIS, ADOPTED JANUARY 1, 2011, AND WITH THE VILLAGE OF MORTON SUBDIVISION STANDARDS.
  - ALL WORK IS SUBJECT TO PERIODIC INSPECTIONS BY THE ENGINEER IN COORDINATION WITH THE VILLAGE OF MORTON AS CONSTRUCTION PROGRESSES, AS PER CONSTRUCTION INSPECTION AND ACCEPTANCE SPECIFICATIONS OUTLINED IN THE SPECIFICATION AND CONTRACT DOCUMENTS FOR THIS PROJECT.
  - FINAL ACCEPTANCE BY THE VILLAGE OF MORTON FOR STREET IMPROVEMENTS IS BASED ON THE CONDITION OF THE IMPROVEMENTS AT THE TIME THE FINAL INSPECTION IS MADE.
  - SUBGRADE COMPACTION - PREPARE AND COMPACT SUBGRADE BEFORE PLACING PAVEMENT OR CURB AND GUTTER (95% COMPACTION STANDARD PROCTOR).
  - PROVIDE EXPANSION JOINTS IN CURB AND GUTTER AT INTERSECTION RETURNS, INLET BOXES, WORK STOPPAGE POINTS, AND AT A MAXIMUM OF 200 FEET ON CENTER USE ONE 1 1/4" DIA. SMOOTH 18 INCHES LONG COATED DOWEL BAR WITH METALLIC PINCHED STOP CAP ON ON END. GREASE ENTIRE BAR. PROVIDE SAWED CONTRACTION JOINTS AT 20 FEET ON CENTER, SAW 2 INCHES DEEP AS SOON AS POSSIBLE, AND FILL WITH APPROVED JOINT SEALER.
  - ALL RE-BARS AND TIE BARS, ETC. TO BE EPOXY COATED.
  - CONCRETE FOR PAVING, PATCHING, DRIVEWAYS, SIDEWALK, CURB AND GUTTER SHALL BE CLASS PV, (3500 LBS. WITH FREEZE-THAW ROCK).
  - SUB-BASE GRANULAR MATERIAL, (SPECIAL) SHALL BE COMPACTED TO THE SATISFACTION OF THE ENGINEER.
  - THE MATERIAL FOR THE HMA BASE COURSE, 4" OR 8" SHALL BE HMA BINDER COURSE, IL-19, N50.

MIXTURE REQUIREMENTS	
LOCATION (S) AND MIXTURE USE (S)	POLY. BITUMINOUS CONCRETE SURFACE COURSE - MAINLINE, ENTRANCES
AC / PG	SBS 64-28
RAP % (MAX)	0%
DESIGN AIR VOIDS	4.0% @ Ndes = 50
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL 9.5 OR IL 12.5
FRICTION AGGREGATE	MIXTURE D
LOCATION (S) AND MIXTURE USE (S)	BITUMINOUS CONCRETE BINDER COURSE - MAINLINE
AC / PG	PG 64-22
RAP % (MAX)	0%
DESIGN AIR VOIDS	4.0% @ Ndes = 50
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL 19.0
FRICTION AGGREGATE	N/A
LOCATION (S) AND MIXTURE USE (S)	LEVELING BINDER (M/M) - MAINLINE
AC / PG	PG 64-22
RAP % (MAX)	0%
DESIGN AIR VOIDS	4.0% @ Ndes = 50
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL 19.0 OR IL 12.5
FRICTION AGGREGATE	N/A

DESIGNED	WFS	REVISED
DRAWN	DEH	REVISED
CHECKED	WFS	REVISED
DATE	10-25-10	REVISED

F.A. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6721	07-00116-01-FP	TAZEWELL	20	2
CONTRACT NO. 89490			ILLINOIS FEDERAL ROAD DIST NO. 7	

08-112 TYPICAL PAVEMENT SECTIONS

**EARTHWORK SUMMARY**

EARTH EXCAVATION	4579 C.Y. *
DEDUCT DRIVEWAY PAVEMENT	59 C.Y.
EARTH EXCAVATION EMBANKMENT	4520 C.Y.
	963 C.Y. **
WASTE - SUBTOTAL	3,557 C.Y.
WASTE FROM SEWER TRENCHES	710 C.Y. ***
WASTE - TOTAL	4,267 C.Y.

\* EARTH EXCAVATION QUANTITIES FROM CROSS SECTIONS INCLUDE EXISTING DRIVEWAYS AND THE EXISTING PAVEMENT. THE DRIVEWAYS HAVE BEEN CONVERTED TO CUBIC YARDS AND HAVE BEEN DEDUCTED FROM THE EARTH EXCAVATION. REMOVAL OF ANY PORTIONS OF THE EXISTING PAVEMENT IS CONSIDERED INCLUDED IN EARTH EXCAVATION.

\*\* INCLUDES 20% SHRINKAGE FACTOR

\*\*\* BASED ON PAY WIDTH FOR TRENCH BACKFILL AS DETAILED IN THE PLANS

EXISTING PAVEMENT MAY BE TILLED AND USED IN THE SUB-BASE GRANULAR MATERIAL (SPECIAL) SEE SPECIAL PROVISIONS

**SUBBASE REPAIRS**

THE FOLLOWING ITEMS HAVE BEEN INCLUDED FOR ESTIMATING PURPOSES. SUBBASE REPAIR AREA IS ESTIMATED USING 10% OF THE PROPOSED PAVING AREA, WITH A DEPTH OF 1.5 FT. GRANULAR EMBANKMENT IS ESTIMATED USING 2.05 TONS PER CUBIC YARD.

REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	436 C.Y.
GRANULAR EMBANKMENT, SPECIAL	894 TON
GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	871 S.Y.

**FURNISH AND ERECT R.O.W. MARKERS**

LOCATION	QUANTITY
LT. & RT. STA. 24+82	2 EA.
RT. STA. 36+07	1 EA.
LT. STA. 36+08	1 EA.
RT. STA. 36+87	1 EA.
LT. STA. 36+88	1 EA.
LT. & RT. STA. 40+87	2 EA.
LT. & RT. STA. 75+60	2 EA.
LT. & RT. STA. 84+40	2 EA.
PROJECT TOTAL	12 EA.

**PAVING SCHEDULE**

LOCATION	PAVING AREA (S.Y.)	SUB-BASE GRANULAR MATERIAL (SPECIAL) (S.Y.)	HMA SURFACE REMOVAL, 2" (S.Y.)	HMA SURFACE REMOVAL VAR. DEPTH (S.Y.)	HMA BASE COURSE, 4" (S.Y.)	HMA BASE COURSE, 8" (S.Y.)	BIT. MAT'L'S. (PRIME COAT) (GAL.)	POLY. BIT. MAT'L'S. (PRIME COAT) (GAL.)	HOT-MIX ASPHALT BINDER CSE. IL-19.0, N50 (TON)	POLY. HOT-MIX ASPHALT SURF. CSE., MIX "D", N50 (TON)	LEVELING BINDER (MACH. METH.), N50 (TON)
<b>E. JEFFERSON ST.</b>											
LT. & RT. STA. 25+01 TO STA 37+34	5,585	6293	0	0	5,585	0	1536	140	938	626	0
LT. & RT. STA. 37+34 TO STA 38+20	339	359	0	0	339	0	94	9	57	30	0
LT. & RT. STA. 38+20 TO STA 40+44	685	0	0	153	0	175	8	17	30	77	0
LT. & RT. STA. 38+20 TO STA 39+75	345	0	0	0	0	0	0	0	0	36	0
<b>TENNESSEE AVE.</b>											
LT. & RT. STA. 76+76 TO STA 77+00	71	0	62	0	0	8	2	2	2	8	0
LT. & RT. STA. 77+00 TO STA 78+83	620	661	0	0	620	0	181	16	104	70	0
LT. & RT. STA. 78+83 TO STA 79+50	317	356	0	0	317	0	96	9	53	36	0
LT. & RT. STA. 80+50 TO STA 81+16	313	351	0	0	313	0	97	9	53	35	0
LT. & RT. STA. 81+16 TO STA 82+25	392	416	0	0	392	0	114	10	66	44	0
LT. & RT. STA. 82+25 TO STA 83+25	306	0	248	0	0	50	2	8	9	31	0
PROJECT TOTALS		8436 S.Y.	310 S.Y.	153 S.Y.	7,566 S.Y.	233 S.Y.	2132 GAL.	220 GAL.	1312 TON	966 TON	30 TON

HMA QUANTITIES ESTIMATED USING 112 LBS./S.Y./INCH THICKNESS  
PRIME ESTIMATED USING 0.30 GALLON PER SQUARE YARD ON  
AGGREGATE BASE AND 0.05 GALLON PER SQUARE YARD ON HMA BINDER COURSE

**AGGREGATE SHOULDERS, TYPE B, 6"**

LOCATION	QUANTITY
<b>E. JEFFERSON ST.</b>	
LT. STA. 37+62 TO RT. STA. 40+57	125
RT. STA. 37+62 TO RT. STA. 37+84	6
RT. STA. 38+15 TO RT. STA. 40+57	108
<b>TENNESSEE AVE.</b>	
LT. STA. 76+76 TO LT. STA. 78+83	89
RT. STA. 76+76 TO RT. STA. 78+26	67
RT. STA. 78+53 TO RT. STA. 78+83	11
LT. STA. 81+17 TO LT. STA. 83+25	90
RT. STA. 81+17 TO RT. STA. 83+25	90
PROJECT TOTAL	590 S.Y.

**SEEDING SCHEDULE**

FERTILIZER TO BE APPLIED @ 270 LB. PER ACRE @ 1-1-1 RATIO

LOCATION	FURNISHING AND PLACING TOPSOIL, 4" (S.Y.) *	CLASS 1A SEEDING (ACRES)	NITROGEN FERTILIZER NUTRIENT (POUND)	PHOSPHORUS FERTILIZER NUTRIENT (POUND)	POTASSIUM FERTILIZER NUTRIENT (POUND)	MULCH METHOD TY. 2 PROCEDURE 1 (ACRE)**
<b>E. JEFFERSON ST.</b>						
LT. STA. 25+01 TO STA 36+25	1,099	0.23	20.7	20.7	20.7	0.23
RT. STA. 25+01 TO STA 36+15	1,585	0.33	29.7	29.7	29.7	0.33
RT. STA. 36+76 TO STA 40+70	586	0.12	10.6	10.6	10.6	0.12
LT. STA. 36+79 TO STA 40+70	738	0.15	13.5	13.5	13.5	0.15
<b>TENNESSEE AVE.</b>						
LT. STA. 76+50 TO STA 79+50	255	0.05	4.5	4.5	4.5	0.05
RT. STA. 76+50 TO STA 79+50	266	0.06	5.4	5.4	5.4	0.06
LT. STA. 80+50 TO STA 83+47	351	0.07	6.3	6.3	6.3	0.07
RT. STA. 80+50 TO STA 83+50	427	0.09	8.1	8.1	8.1	0.09
PROJECT TOTALS	5,307 S.Y.	1.1 AC.	95 LB.	95 LB.	95 LB.	1.1 ACRE

\* 5,307 S.Y. EQUATES TO 584 C.Y. OF TOPSOIL AT 4" THICK  
\*\* MULCH TO BE APPLIED AT 2 TON PER ACRE

**DRIVEWAY SCHEDULE**

LOCATION	DRIVEWAY PAVEMENT REMOVAL (S.Y.)	P.C.C. DRIVE. PVM"1", 6" (S.Y.)	P.C.C. DRIVE. PVM"1", 7" (S.Y.)	AGGR. SURF. CSE., TY. B (TON)
LT. STA. 28+80	98		35	
LT. STA. 32+36	135		78	
RT. STA. 37+99	60	46		
LT. STA. 40+21				30
RT. STA. 40+32				11
RT. STA. 78+40	70	54		
PROJECT TOTALS	363 S.Y.	100 S.Y.	117 S.Y.	41 TON

**RIPRAP SCHEDULE**

LOCATION	RIPRAP CLASS A4 (S.Y.)	FILTER FABRIC (S.Y.)
LT. STA. 40+62	16	16
PROJECT TOTALS	16 S.Y.	16 S.Y.

**SUMMARY OF QUANTITIES**

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
20200100	EARTH EXCAVATION	CU YD	4,520
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	436
20600110	GRANULAR EMBANKMENT, SPECIAL	TON	894
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	871
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	5,307
25000110	SEEDING, CLASS 1A	ACRE	1.1
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	99
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	99
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	99
25100115	MULCH, METHOD 2	ACRE	1.1
28000500	INLET AND PIPE PROTECTION	EACH	21
28000510	INLET FILTERS	EACH	23
28100107	STONE RIPRAP, CLASS A4	SQ YD	16
28200200	FILTER FABRIC	SQ YD	16
35501300	HOT-MIX ASPHALT BASE COURSE, 4"	SQ YD	7,566
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	233
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	41
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	2,132
40600115	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	GALLON	220
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	38
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	1,312
40603535	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIXTURE "D", N50	TON	968
42300200	P.C.C. DRIVEWAY PAVEMENT, 6"	SQ YD	100
42300300	P.C.C. DRIVEWAY PAVEMENT, 7"	SQ YD	117
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	310
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	363
48101500	AGGREGATE SHOULDERS, TYPE B, 6"	SQ YD	590
50104400	CONCRETE HEADWALL REMOVAL	EACH	5
50105220	PIPE CULVERT REMOVAL	FOOT	305
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	35
542D0217	PIPE CULVERTS, CLASS D, TYPE 1, 12"	FOOT	60
542D0220	PIPE CULVERTS, CLASS D, TYPE 1, 15"	FOOT	53
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTION, 12"	EACH	3
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTION, 24"	EACH	1
54248510	CONCRETE COLLAR	CU YD	0.60
550A0340	STORM SEWERS, CLASS A, TYPE 2, 12"	FOOT	717
550A0410	STORM SEWERS, CLASS A, TYPE 2, 24"	FOOT	941
60219000	MANHOLES, TYPE A, 4' - DIAMETER, TYPE B GRATE	EACH	1
60236200	INLETS, TYPE A, TYPE B GRATE	EACH	4
<del>X0008440</del>	INLETS, TYPE G-1	EACH	4
60603800	COMBINATION CONCRETE CURB & GUTTER, TYPE B-G.12	FOOT	2,673
66600105	FURNISHING AND ERECTING R.O.W MARKERS	EACH	12
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	3
67100100	MOBILIZATION	L SUM	1
<del>X7010216</del>	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	673
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	156
70300220	TEMPORARY PAVEMENT MARKING, LINE 4"	FOOT	8,062
70300250	TEMPORARY PAVEMENT MARKING, LINE 8"	FOOT	230
70300260	TEMPORARY PAVEMENT MARKING, LINE 12"	FOOT	420
70300280	TEMPORARY PAVEMENT MARKING, LINE 24"	FOOT	39
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	156
* 78000200	THERMOPLASTIC PAVEMENT MARKING, LINE 4"	FOOT	8,062
* 78000500	THERMOPLASTIC PAVEMENT MARKING, LINE 8"	FOOT	230
* 78000600	THERMOPLASTIC PAVEMENT MARKING, LINE 12"	FOOT	420
* 78000650	THERMOPLASTIC PAVEMENT MARKING, LINE 24"	FOOT	39
X0325404	INLET MANHOLE, 5' DIA., TYPE G-1, DOUBLE, SPECIAL	EACH	1
X2080250	TRENCH BACKFILL, SPECIAL	CU YD	912
X3113000	SUB-BASE GRANULAR MATERIAL (SPECIAL)	SQ YD	8,436
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	153
XX000856	MAILBOX REMOVAL AND RELOCATION	EACH	1
XX006499	INLET MANHOLE, 5' DIA., TYPE G-1	EACH	5

\* CONSIDERED TO BE SPECIALTY ITEMS

08-112 INCHES (MINIMUM) OF COVER REQUIRED

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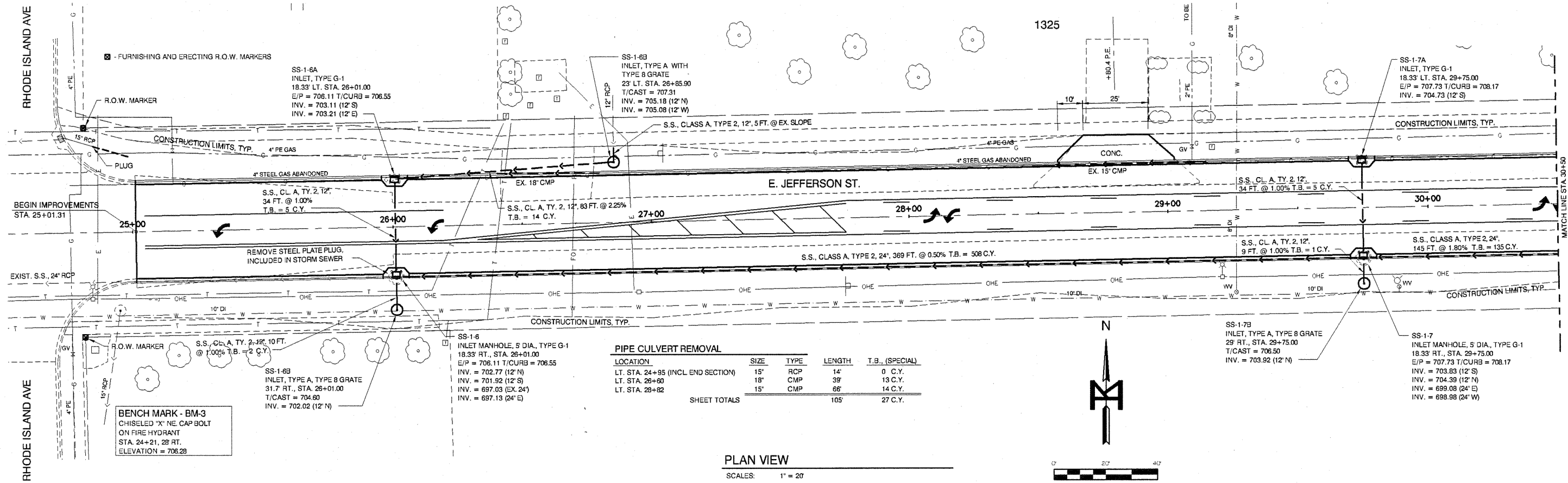
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

STREET IMPROVEMENTS EAST JEFFERSON STREET MORTON, ILLINOIS  
SUMMARY OF QUANTITIES

SCALE: AS NOTED SHEET NO. 3 OF 20 SHEETS STA. TO STA.

F.A. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6721	07-00116-01-FF	TAZEWELL	20	3
CONTRACT NO.			89490	
ILLINOIS FEDERAL ROAD DIST NO. 7				

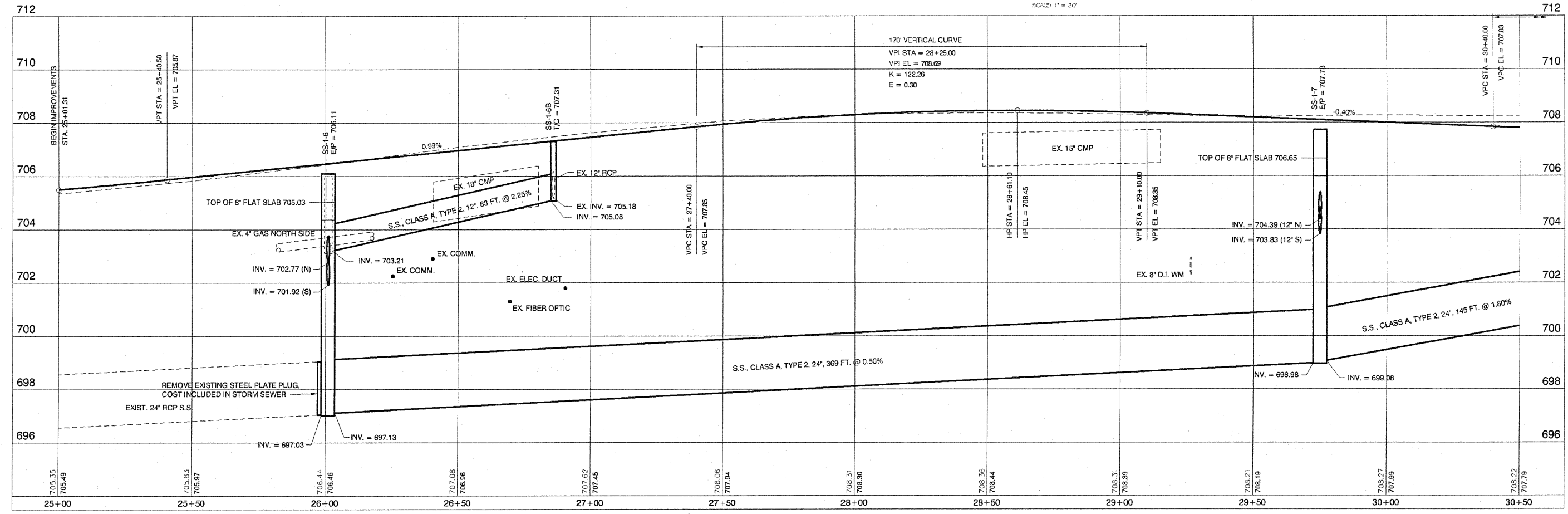


**PIPE CULVERT REMOVAL**

LOCATION	SIZE	TYPE	LENGTH	T.B., (SPECIAL)
LT. STA. 24+95 (INCL. END SECTION)	15"	RCP	14'	0 C.Y.
LT. STA. 26+60	18"	CMP	39'	13 C.Y.
LT. STA. 28+82	15"	CMP	66'	14 C.Y.
<b>SHEET TOTALS</b>			<b>105'</b>	<b>27 C.Y.</b>

**PLAN VIEW**

SCALE: 1" = 20'



**PROFILE VIEW**

SCALE: 1" = 20' HOR  
1" = 2' VER

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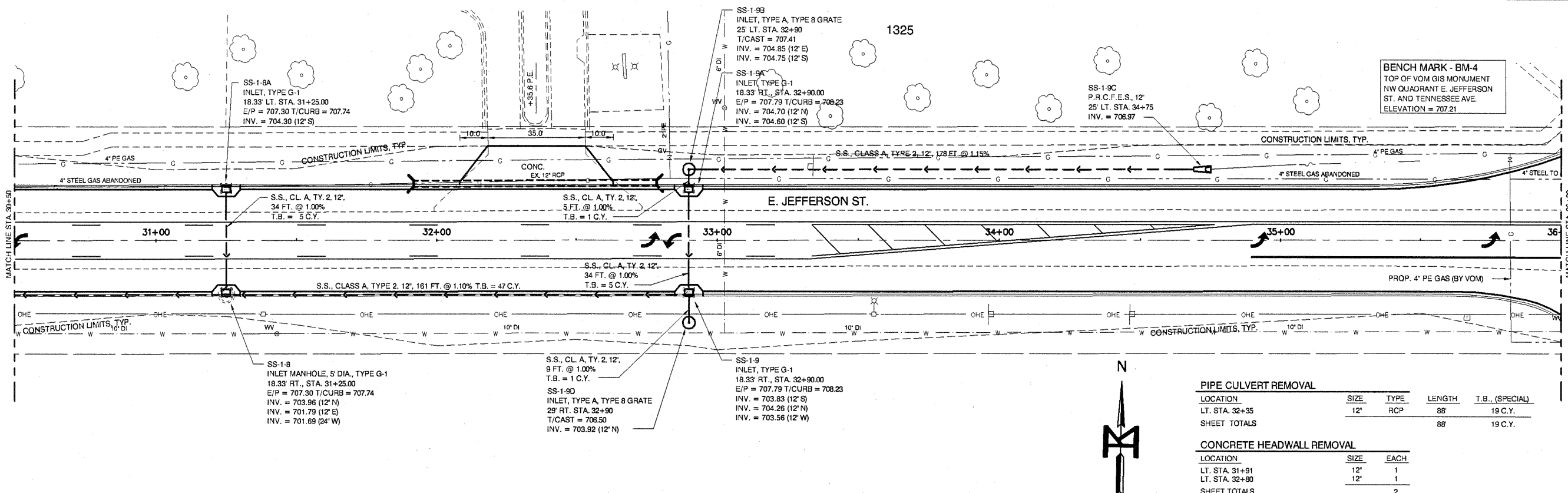
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DATE	10-25-10	REVISED

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

**STREET IMPROVEMENTS EAST JEFFERSON STREET MORTON, ILLINOIS**  
**PLAN AND PROFILE SHEET**

F.A. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6721	07-00116-01-PP	TAZEWELL	20	4
CONTRACT NO. 89490				
ILLINOIS FEDERAL ROAD DIST NO. 7				

SCALE: 1" = 20' SHEET NO. 4 OF 20 SHEETS STA. 25+00 TO STA. 30+50



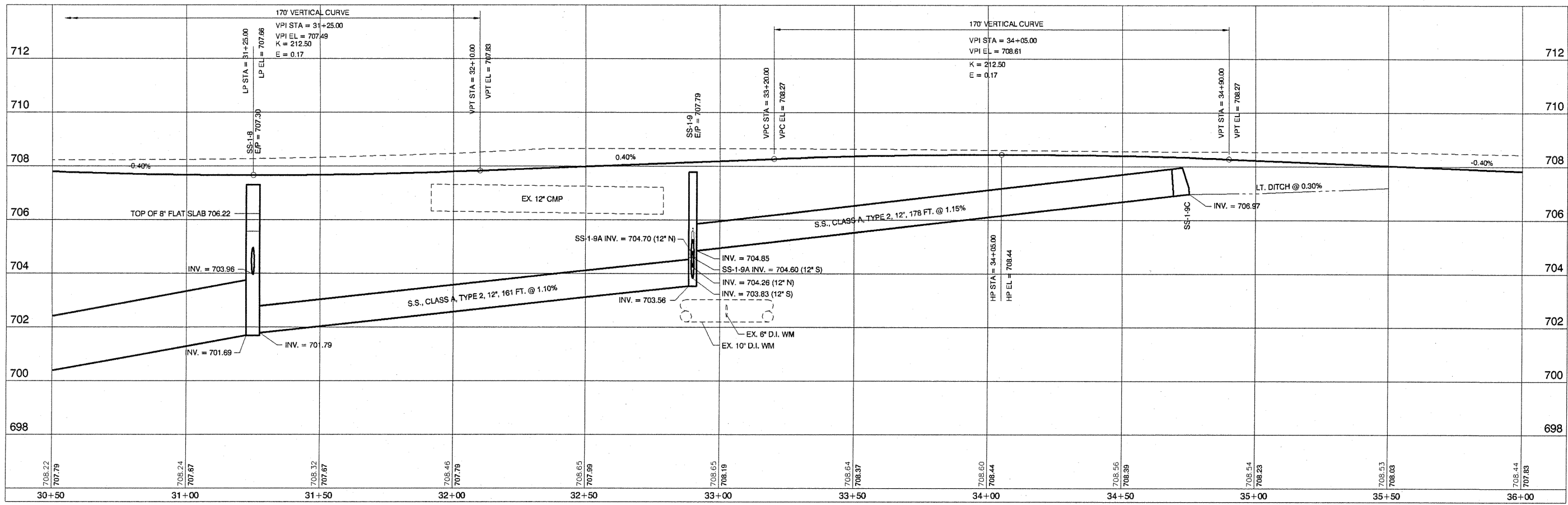
PLAN VIEW

SCALES: 1" = 20'

PIPE CULVERT REMOVAL				
LOCATION	SIZE	TYPE	LENGTH	T.B., (SPECIAL)
LT. STA. 32+35	12"	RCP	88'	19 C.Y.
<b>SHEET TOTALS</b>			<b>88'</b>	<b>19 C.Y.</b>

CONCRETE HEADWALL REMOVAL		
LOCATION	SIZE	EACH
LT. STA. 31+91	12"	1
LT. STA. 32+80	12"	1
<b>SHEET TOTALS</b>		<b>2</b>



PROFILE VIEW

SCALES: 1" = 20' HOR  
1" = 2' VER

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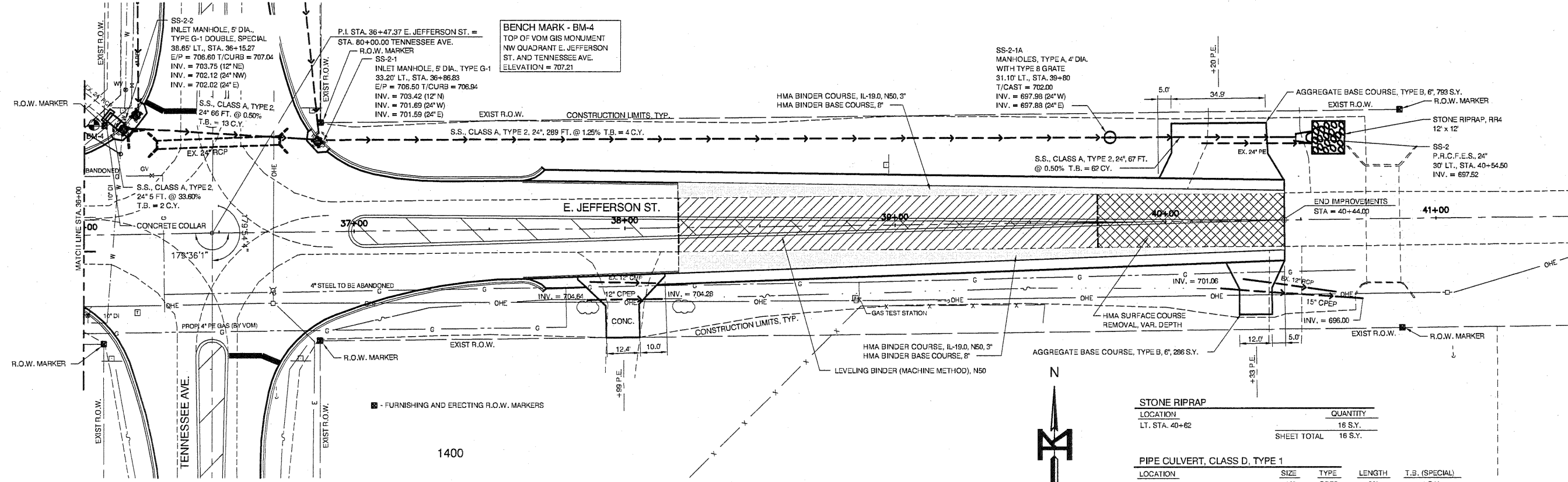
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

STREET IMPROVEMENTS EAST JEFFERSON STREET MORTON, ILLINOIS  
PLAN AND PROFILE SHEET

F.A. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6721	07-00116-01-FP	TAZEWELL	20	5
CONTRACT NO. 89490			ILLINOIS FEDERAL ROAD DIST NO. 7	

SCALE: 1" = 20' SHEET NO. 5 OF 20 SHEETS STA. 30+50 TO STA. 36+00



**CONCRETE HEADWALL REMOVAL**

LOCATION	EACH
LT. STA. 36+16	1
LT. STA. 36+27	1
LT. STA. 36+73	1
<b>TOTAL</b>	<b>3</b>

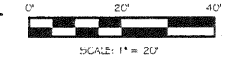
**PIPE CULVERT REMOVAL**

LOCATION	SIZE	TYPE	LENGTH	T.B. (SPECIAL)
LT. STA. 36+18	24"	RCP	11'	0 C.Y.
LT. STA. 36+47	24"	RCP	45'	19 C.Y.
RT. STA. 38+00	12"	CMP	24'	3 C.Y.
LT. STA. 40+39	24"	PE	8'	0 C.Y.
RT. STA. 40+44	12"	RCP	26'	8 C.Y.
<b>SHEET TOTAL</b>			<b>115'</b>	<b>30 C.Y.</b>

\* INCLUDED IN S.S., CL A, TY 2, 24"

**PLAN VIEW**

SCALES: 1" = 20'



**STONE RIPRAP**

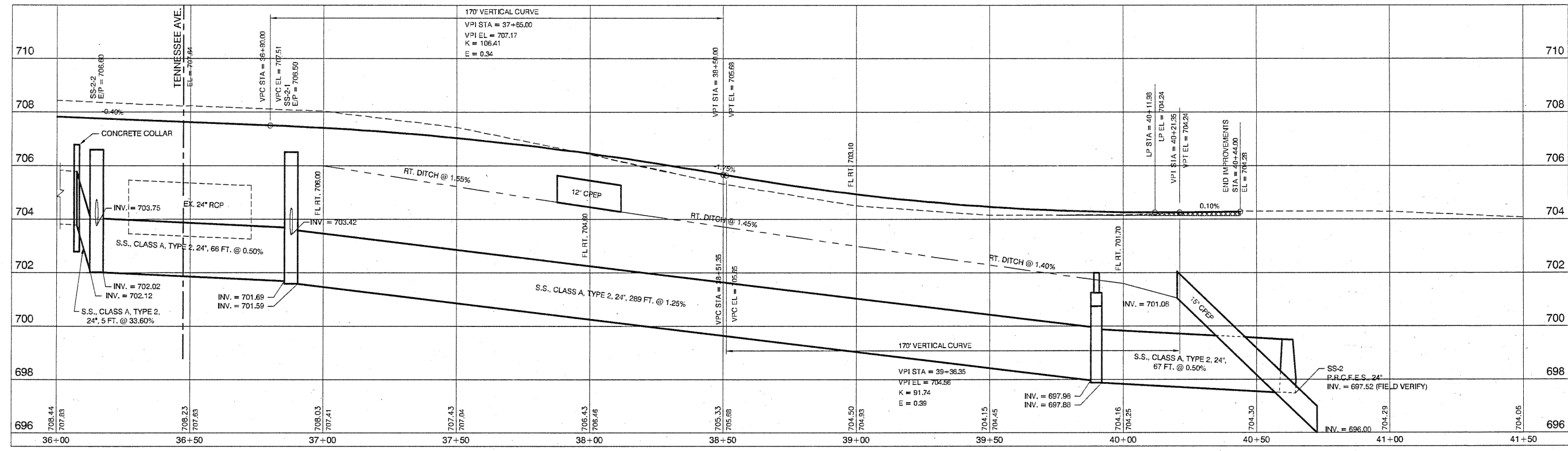
LOCATION	QUANTITY
LT. STA. 40+62	16 S.Y.
<b>SHEET TOTAL</b>	<b>16 S.Y.</b>

**PIPE CULVERT, CLASS D, TYPE 1**

LOCATION	SIZE	TYPE	LENGTH	T.B. (SPECIAL)
RT. STA. 38+00	12"	CPEP	30'	4 C.Y.
RT. STA. 40+32	15"	CPEP	53'	10 C.Y.
<b>SHEET TOTAL</b>			<b>83'</b>	<b>14 C.Y.</b>

**CONCRETE COLLAR**

LOCATION	CONCRETE CL. 'SI'	REINFORCEMENT (EPOXY)
STA. 36+09, 43.5' LT.	0.60 C.Y.	35 LBS
<b>SHEET TOTAL</b>	<b>0.60 C.Y.</b>	<b>35 LBS</b>



**PROFILE VIEW**

SCALES: 1" = 20' HOR  
1" = 2' VER

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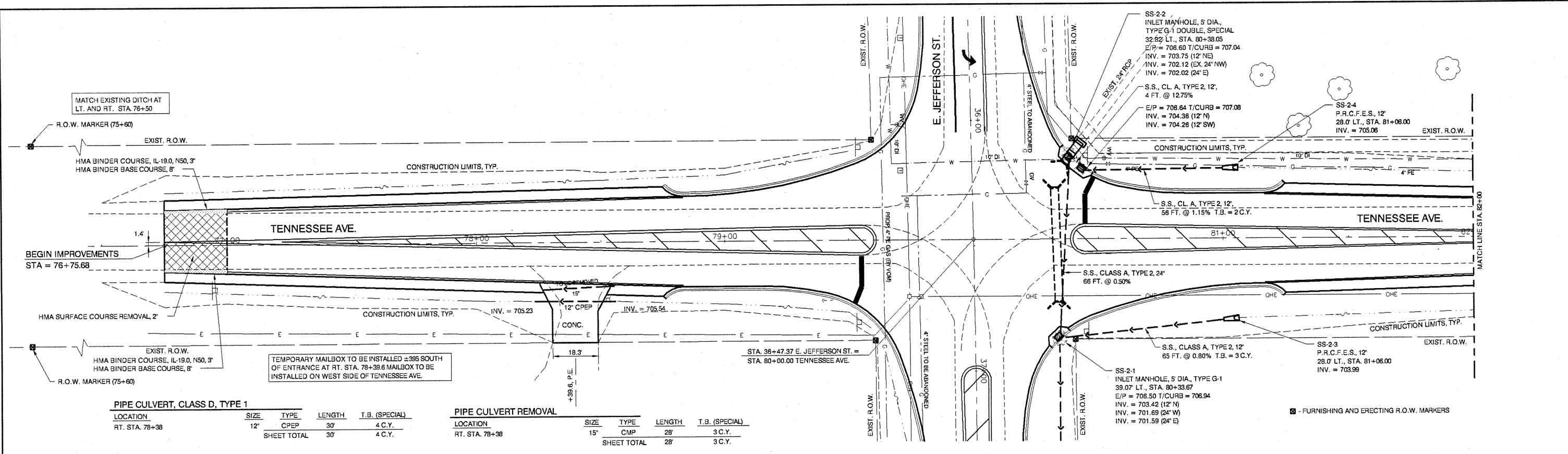
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

STREET IMPROVEMENTS EAST JEFFERSON STREET MORTON, ILLINOIS  
PLAN AND PROFILE SHEET

SCALE: 1" = 20' SHEET NO. 6 OF 20 SHEETS STA. 36+00 TO STA. 41+50

F.A. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8721	07-00116-01-FP	TAZEWELL	20	6
CONTRACT NO. 89490				
ILLINOIS FEDERAL ROAD DIST NO. 7				



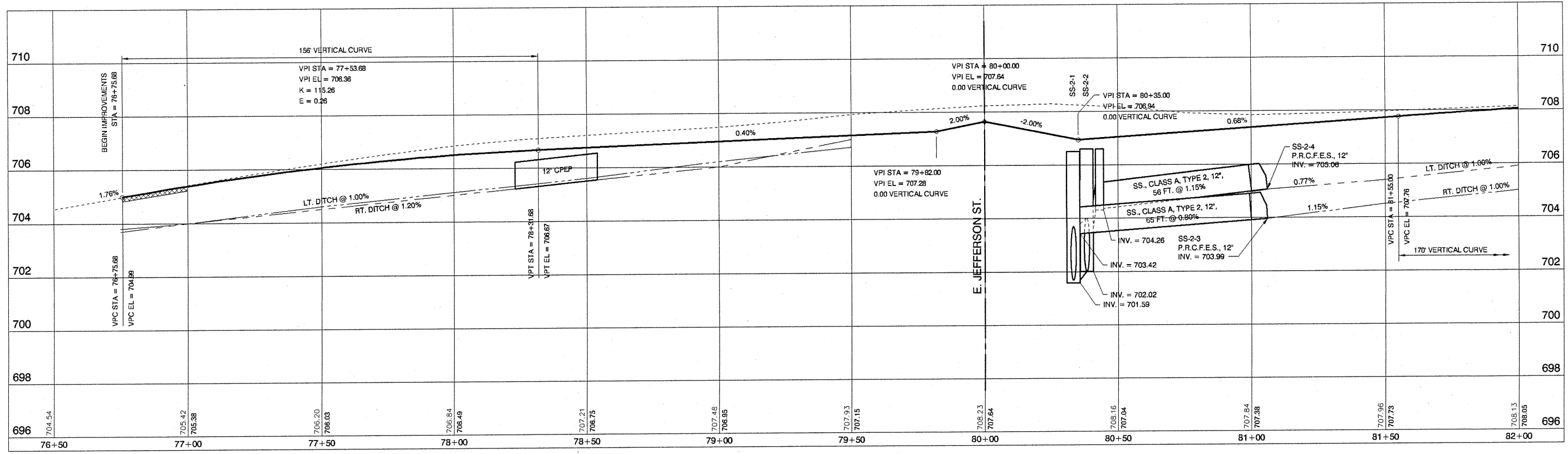
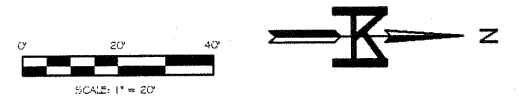
**PIPE CULVERT, CLASS D, TYPE 1**

LOCATION	SIZE	TYPE	LENGTH	T.B. (SPECIAL)
RT. STA. 78+38	12"	CPEP	30'	4 C.Y.
SHEET TOTAL 30' 4 C.Y.				

**PIPE CULVERT REMOVAL**

LOCATION	SIZE	TYPE	LENGTH	T.B. (SPECIAL)
RT. STA. 78+38	15"	CMP	28'	3 C.Y.
SHEET TOTAL 28' 3 C.Y.				

**PLAN VIEW**  
SCALE: 1" = 20'



**PROFILE VIEW**  
SCALE: 1" = 20' HOR  
1" = 2' VER

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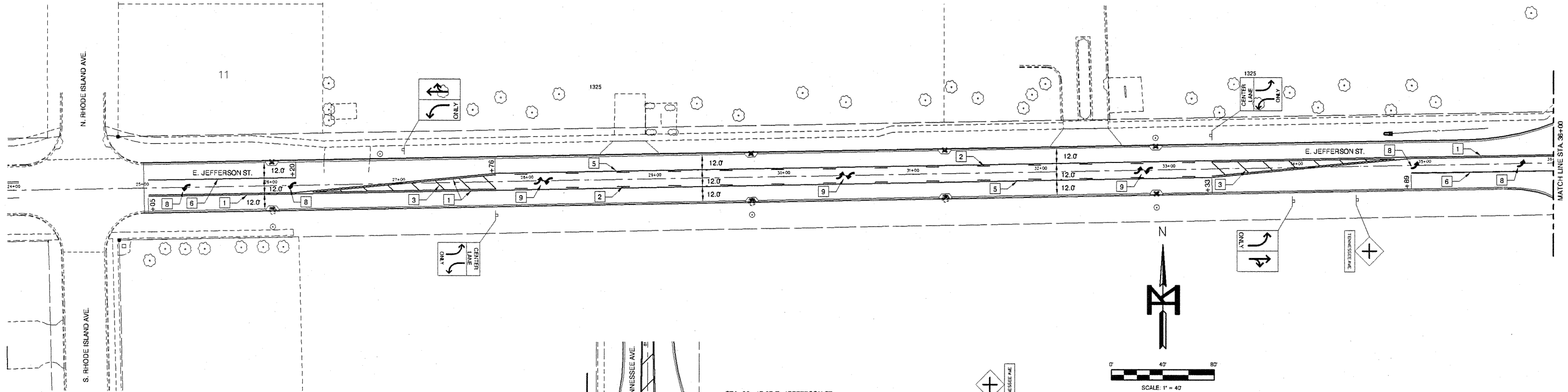
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

STREET IMPROVEMENTS EAST JEFFERSON STREET MORTON, ILLINOIS  
PLAN AND PROFILE SHEET (TENNESSEE AVE.)  
SCALE: 1" = 20' SHEET NO. 7 OF 20 SHEETS STA. 76+50 TO STA. 82+00

F.A. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6721	07-00116-01-FP	TAZEWELL	20	7
CONTRACT NO. 89490				
ILLINOIS FEDERAL ROAD DIST NO. 7				







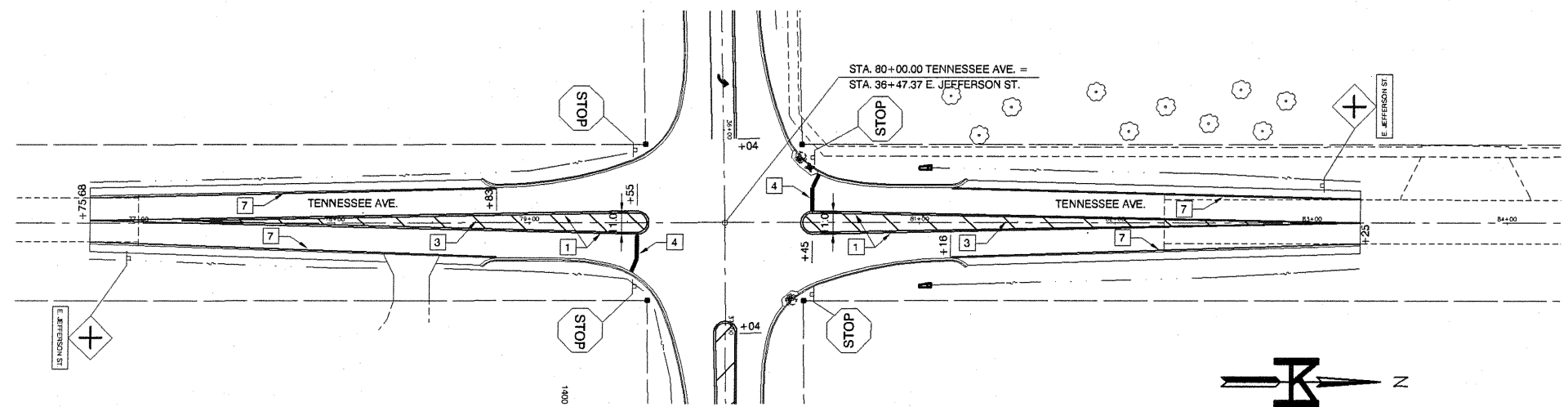
- LEGEND**
- 1 DOUBLE YELLOW, 4"
  - 2 LANE LINE SKIP DASH, YELLOW, 4"
  - 3 DIAGONAL YELLOW, 12" AT 20' O.C.
  - 4 24" STOP BAR, WHITE
  - 5 SOLID YELLOW, 4"
  - 6 SOLID WHITE, 8"
  - 7 SOLID WHITE, 4"
  - 8 LEFT TURN ARROW, WHITE
  - 9 DOUBLE ARROW, YELLOW

SIGNAGE*		
LOCATION	TYPE	SIGN CODE
TENNESSEE AVE.		
±18.0' RT. STA. 76+95	INTERSECTION WARNING W/ SUPPLEMENTAL PLAQUE	W2-1, W16-8
±36.0' LT. STA. 79+54	STOP	R1-1
±32.5' RT. STA. 79+54	STOP	R1-1
±33.0' LT. STA. 80+45	STOP	R1-1
±35.0' RT. STA. 80+45	STOP	R1-1
±19.0' LT. STA. 83+05	INTERSECTION WARNING W/ SUPPLEMENTAL PLAQUE	W2-1, W16-8
E. JEFFERSON STREET		
±26.0' LT. STA. 27+04	ARROW LEFT ONLY, ARROW STRAIGHT AND RIGHT	R3-8
±26.0' RT. STA. 27+76	CENTER LANE	R3-9B
±26.0' LT. STA. 33+33	CENTER LANE	R3-9B
±26.0' RT. STA. 33+97	ARROW LEFT ONLY, ARROW STRAIGHT AND RIGHT	R3-8
±26.0' RT. STA. 34+47	INTERSECTION WARNING W/ SUPPLEMENTAL PLAQUE	W2-1, W16-8
±22.0' LT. STA. 38+97	INTERSECTION WARNING W/ SUPPLEMENTAL PLAQUE	W2-1, W16-8

\* ABOVE SIGNS BY THE VILLAGE OF MORTON

**THERMOPLASTIC PAVEMENT MARKING**

LEFT TURN ARROW, WHITE	62.4 S.F.
DOUBLE ARROW, YELLOW	93.8 S.F.
<b>THERMOPLASTIC PAVEMENT MARKING, LETTERS AND SYMBOLS - TOTAL</b>	<b>156 S.F.</b>
SOLID YELLOW, 4"	6573 FT.
SOLID WHITE, 4"	1489 FT.
<b>THERMOPLASTIC PAVEMENT MARKING, LINE 4" - TOTAL</b>	<b>8062 FT.</b>
SOLID WHITE, 8"	230 FT.
<b>THERMOPLASTIC PAVEMENT MARKING, LINE 8" - TOTAL</b>	<b>230 FT.</b>
DIAGONAL YELLOW, 12" AT 20' O.C.	420 FT.
<b>THERMOPLASTIC PAVEMENT MARKING, LINE 12" - TOTAL</b>	<b>420 FT.</b>
24" STOP BAR, WHITE	39 FT.
<b>THERMOPLASTIC PAVEMENT MARKING, LINE 24" - TOTAL</b>	<b>39 FT.</b>



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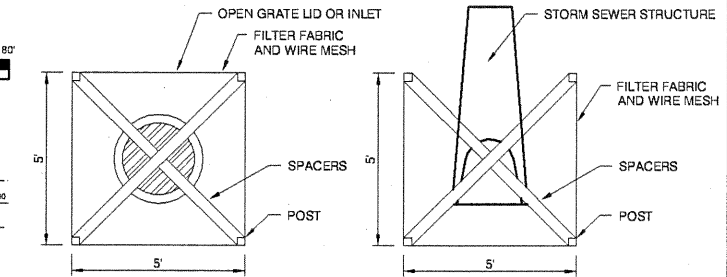
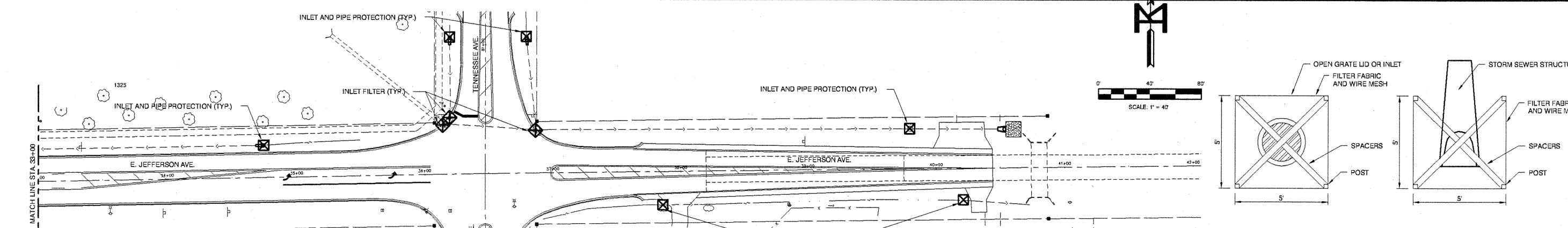
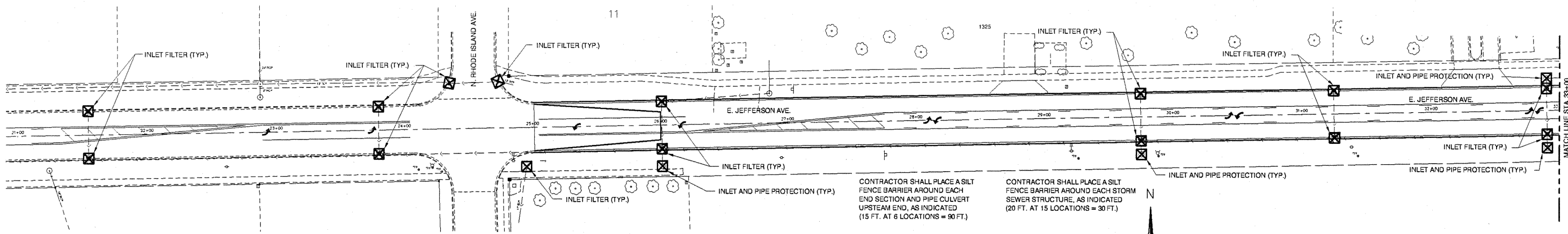
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

STREET IMPROVEMENTS EAST JEFFERSON STREET MORTON, ILLINOIS  
 PAVEMENT MARKINGS

F.A. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6721	07-00116-01-PP	TAZEWELL	20	9
CONTRACT NO. 89490				
ILLINOIS FEDERAL ROAD DIST NO. 7				

SCALE: 1" = 40' SHEET NO. 9 OF 20 SHEETS STA. TO STA.





**INLET AND PIPE PROTECTION**  
NOT TO SCALE

NOTE: PROVIDE SILT FENCE EROSION PROTECTION AROUND STORM SEWER STRUCTURES AS SOON AS POSSIBLE AFTER STORM SEWER INSTALLATION.

THE IEPA GENERAL PERMIT REQUIRES A STORM WATER POLLUTION PREVENTION PLAN (SWPPP), TO BE PREPARED WHICH CONTAINS A DESCRIPTION OF THE SITE AND CONTROL MEASURES TO PREVENT OR MINIMIZE POLLUTION OF STORM WATER RUNOFF FROM CONSTRUCTION ACTIVITIES.

**CONSTRUCTION SITE**  
EAST JEFFERSON STREET IMPROVEMENTS CONSIST OF CONSTRUCTING A SUB-BASE, HOT MIX ASPHALT SURFACE, CURB AND GUTTER, STORM SEWER, DRIVEWAYS, SIDEWALKS, SEEDING, MISCELLANEOUS REMOVAL AND OTHER INCIDENTAL AND COLLATERAL WORK AS SHOWN ON THE PLANS AND WRITTEN IN THE PROJECT SPECIFICATIONS. THIS PLAN SHEET DETAILS THE PLANNED EROSION CONTROL PRACTICES AND THEIR ASSOCIATED DETAILS. THE PROJECT WILL GENERATE AN EARTH WASTE VOLUME OF 4,267 CUBIC YARDS THAT WILL BE REMOVED AND DISPOSED OF OFF SITE IN ACCORDANCE WITH CURRENT IEPA AND IDOT REGULATIONS.

**THIS PROJECT LOCATION IS**  
LATITUDE: 42°38'34" NORTH  
LONGITUDE: 89°28'18" WEST  
A PART OF THE NE 1/4, NW 1/4, SE 1/4 AND SW 1/4 OF SECTION 22, TOWNSHIP 25 NORTH, RANGE 3 WEST, THIRD PRINCIPAL MERIDIAN, TAZEWELL COUNTY, ILLINOIS.

THE PROJECT SIZE IS 2.21 ACRES WITH THE LIMITS OF EARTHWORK GRADING ENCOMPASSING APPROXIMATELY 1.12 ACRES. THE TAZEWELL COUNTY SOIL SURVEY LISTS THE EXISTING SOILS TO BE PRIMARILY SABLE AND IPAWA, HGSC TYPE B, SILTY CLAY LOAM AND SILT LOAM. PERMEABILITY OF THE EXISTING SOILS IS GENERALLY 0.6 TO 2.0 INCHES PER HOUR. THE ESTIMATED EXISTING RUNOFF COEFFICIENT IS 0.50. THE ESTIMATED RUNOFF COEFFICIENT AFTER CONSTRUCTION IS COMPLETED IS 0.50. IN GENERAL, THE STORM WATER WILL DRAIN WESTERLY ALONG EAST JEFFERSON STREET TO BULL RUN CREEK AND THEN SOUTHERLY TO THE MACKNAW RIVER. A SMALL PORTION OF THE PROJECT DRAINS EASTERLY TO DEER CREEK AND THEN SOUTHERLY TO THE MACKNAW RIVER.

**RESPONSIBLE PARTY:** GENERAL CONTRACTOR TO BE DETERMINED AT BID LETTING.

**SEQUENCE OF MAJOR CONSTRUCTION ACTIVITIES**

- INSTALL INLET FILTERS AT ALL EXISTING STORM SEWER INLET LOCATIONS AS SHOWN ON THESE PLANS.
- BEGIN PHASE I ACCORDING TO THE PROJECT SPECIAL PROVISIONS.
  - CONSTRUCT STORM SEWER AND APPURTENANCES.
  - MECHANICALLY COMPACT AND WATER FLOOD ALL STORM SEWER TRENCHES.
  - CONSTRUCT 7" SUB-BASE.
  - CONSTRUCT CURB AND GUTTER AND PLACE THE HMA BINDER BASE COURSE.
  - CONTRACTOR MAY NOW OPEN THIS SECTION OF EAST JEFFERSON STREET TO LOCAL RESIDENTIAL TRAFFIC.
- BEGIN PHASE II ACCORDING TO PROJECT SPECIAL PROVISIONS.
  - COMPLETE STORM SEWER AND APPURTENANCES.
  - MECHANICALLY COMPACT AND WATER FLOOD ALL STORM SEWER TRENCHES.
  - CONSTRUCT 7" SUB-BASE.
  - CONSTRUCT CURB AND GUTTER AND PLACE THE HMA BINDER BASE COURSE.
  - CONTRACTOR SHALL OPEN THIS SECTION OF EAST JEFFERSON STREET AND TENNESSEE AVE. TO LOCAL RESIDENTIAL TRAFFIC.
- COMPLETE ALL REMAINING ITEMS OF WORK ITEMS INCLUDE GRADING, TOPSOIL PLACEMENT, SEEDING, HOT MIX ASPHALT BINDER AND SURFACE COURSES, AND RIGHT OF WAY MARKERS, ETC.
- AFTER PLACEMENT OF THE HOT MIX ASPHALT SURFACE COURSE, CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING SAID SURFACE COURSE, IF WORK REMAINS TO BE COMPLETED.
- AFTER ESTABLISHMENT OF 70% VEGETATION, THE REQUIREMENTS OF THE STORM WATER POLLUTION PREVENTION PLAN HAVE BEEN SATISFIED.
- REMOVE ALL EROSION CONTROL PROTECTION, AS DIRECTED BY THE ENGINEER.

THE ABOVE DESCRIBED CONSTRUCTION PHASING PLAN SHALL BE FOLLOWED, IF THE SUCCESSFUL BIDDER HAS AN ALTERNATE SEQUENCING PLAN PROPOSED, SAID SEQUENCING SHALL BE PROPOSED AT THE PRE-CONSTRUCTION MEETING AND MUST BE APPROVED BY THE VILLAGE OF MORTON AND THE ENGINEER.

**MEASURES AND CONTROLS**

THE FOLLOWING MEASURES AND CONTROLS TO PREVENT OR MINIMIZE POLLUTION OF STORM WATER DISCHARGES MUST BE FOLLOWED IN REGARDS TO THE FOLLOWING THREE AREAS:

- EROSION AND SEDIMENT CONTROLS**  
ALL DISTURBED AREAS MUST BE STABILIZED TO PREVENT EROSION, ETC. PERMANENT SEEDING OF ALL AFFECTED AREAS WILL BE PERFORMED TO STABILIZE THE SOIL. IF AT ANY TIME, CONSTRUCTION WILL TEMPORARILY CEASE FOR MORE THAN 21 DAYS, THE DISTURBED AREAS MUST BE STABILIZED WITH 14 DAYS OF THE LAST DISTURBANCE. AREAS THAT WILL BE RE-DISTURBED WITHIN 21 DAYS DO NOT HAVE TO BE TEMPORARILY SEEDED.  
TEMPORARY STABILIZATION = TEMPORARY SEED SHALL BE WHEAT OR RYE (GRAIN) APPLIED AT THE RATE OF 120 LBS/ACRE. AFTER SEEDING, THE AREAS SHALL BE MULCHED WITH STRAW AT A RATE OF 2 TONS PER ACRE AND TACKED INTO PLACE BY A SEPARATED DISC OR OTHER ENGINEER APPROVED METHOD OF STABILIZATION.  
PERMANENT STABILIZATION = IN AREAS WHERE CONSTRUCTION HAS PERMANENTLY CEASED, PERMANENT STABILIZATION SHALL BE PERFORMED NO LATER THAN 14 DAYS AFTER THE LAST DISTURBANCE. THE FERTILIZATION AND PERMANENT SEEDING SHALL CONFORM TO THE APPLICABLE SECTIONS OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, OF THE STATE OF ILLINOIS, LATEST EDITION.
- STORM WATER MANAGEMENT CONTROLS**  
WHERE CONSTRUCTION RESULTS IN AN INCREASE OF STORM WATER RUNOFF FROM THE EXISTING CONDITIONS, TEMPORARY MEASURE MUST BE TAKEN TO SLOW THE RUNOFF TO THE EXISTING CONDITIONS RUNOFF RATE. THE FOLLOWINGS CONTROL SHALL BE TAKEN TO ACCOMPLISH THIS.  
INLET FILTERS SHALL BE USED TO PREVENT SEDIMENT FROM LEAVING THE SITE THROUGH EXISTING GUTTER INLET CASTINGS AND THROUGH NEWLY INSTALLED GUTTER INLET CASTINGS. THEY SHALL BE INSPECTED BY THE CONTRACTOR WEEKLY AND AFTER HEAVY RAINS. ANY SEDIMENT BUILDUP SHALL BE REMOVED FROM THE FENCE AND ANY DAMAGE SHALL BE REPAIRED BY THE CONTRACTOR AT HIS EXPENSE.

**EROSION CONTROL FENCE (SILT FENCE) = SILT FENCES SHALL BE INSTALLED AS INLET AND MAN-HOLE PROTECTION AS PER THE PLAN DETAIL AT LOCATION SHOWN ON THE PLANS. THEY SHALL BE INSPECTED BY THE CONTRACTOR WEEKLY AND AFTER HEAVY RAINS. ANY SEDIMENT BUILDUP SHALL BE REMOVED FROM THE FENCE AND ANY DAMAGE TO THE SILT FENCE SHALL BE REPAIRED BY THE CONTRACTOR AT HIS EXPENSE.**

**3. OTHER CONTROLS**  
THE PLAN MUST INSURE THAT SOLID WASTES ARE NOT CARRIED BY STORM WATER RUNOFF TO WATERS OF THE STATE. CONTRACTOR SHALL STRATEGICALLY PLACE SOLID WASTE RECEPTACLES (TRASH CANS) WITH LIDS, AT LOCATION(S) DESIGNATED BY THE ENGINEER, AT NO ADDITIONAL COST. ALL SOLID WASTE MUST BE PROPERLY STORED AND DISPOSED OF PER LOCAL REGULATIONS. THE CONTRACTOR MUST COMPLY WITH ALL LOCAL AND STATE LAWS CONCERNING SANITARY SEWER AND SEPTIC SYSTEMS REGULATIONS. SANITARY WASTE SHALL BE COLLECTED FROM PORTABLE UNITS BY A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR AS REQUIRED BY LOCAL REGULATIONS.

THE CONTRACTOR SHALL PROVIDE A "CONCRETE WASHOUT" AREA FOR CONCRETE TRUCKS, AT THE PROJECT SITE. THE LOCATION SHALL BE APPROVED BY THE OWNER AND THE ENGINEER. CONTRACTOR IS REQUIRED TO ENSURE THAT NONE OF THE CONCRETE WASHOUT MATERIALS POLLUTE STORM WATER DISCHARGES FROM THE SITE. IF A LOCATION IS NOT AVAILABLE ON SITE, THE CONTRACTOR MAY PROVIDE APPROVED WASHOUT TUBS OR PROPERLY DESIGNED MATERIAL OFFSITE. AT A LOCATION APPROVED BY THE OWNER AND ENGINEER THIS ITEM SHALL BE CONSIDERED INCIDENTAL TO THE VARIOUS CONCRETE PAY ITEMS.

EXISTING STREETS WILL BE USED FOR ENTRANCE AND EXITS TO THE CONSTRUCTION SITE. ANY MATERIALS THAT IS TRACKED ONTO ADJACENT ROADS SHALL BE REMOVED AS SOON AS IS PRACTICAL OR WITHIN FOUR (4) HOURS, WHICHEVER IS SOONER.

DUST CONTROL SHALL BE PROVIDED BY WATERING OR OTHERS MEANS, AS REQUIRED, THE EXPENSE SHALL BE INCIDENTAL TO THE PROJECT.

**INSPECTION AND MAINTENANCE**

THE CONTRACTOR AND THE ENGINEER SHALL INSPECT THE CONSTRUCTION SITE AT LEAST ONCE WEEKLY (ONCE EVERY SEVEN DAYS) AND WITHIN 24 HOURS OF A RAINFALL OF 0.5" OR MORE. THE ENGINEER MUST PREPARE A REPORT DOCUMENTING HIS/HER FINDINGS ON THE CONDITION OF THE CONTROLLED AND STABILIZED AREAS.

THE FOLLOWING IS A LIST OF INSPECTION AND MAINTENANCE PRACTICES THAT SHALL BE USED TO MAINTAIN EROSION AND SEDIMENT CONTROLS:

- WEEKLY INSPECTIONS
- INSPECTIONS WITHIN 24 HOURS OF A 0.5" OR MORE RAINFALL
- ALL EROSION CONTROL MEASURES WILL BE MAINTAINED IN GOOD WORKING ORDER. IF A REPAIR IS REQUIRED, IT SHALL BE COMPLETED AS SOON AS POSSIBLE OR NO LATER THAN 7 DAYS AFTER INSPECTION.
- INSPECTIONS WILL INCLUDE ALL DISTURBED AREAS OF THE SITE, AREAS FOR MATERIAL STORAGE, LOCATIONS WHERE VEHICLES ENTER THE SITE, AND ALL EROSION CONTROLS.
- BUILT UP SEDIMENT WILL BE REMOVED FROM SILT FENCES WHEN IT REACHES 1/2 THE HEIGHT OF THE FENCE.
- SILT FENCES WILL BE INSPECTED FOR DEPTH OF SEDIMENT, TIGHTNESS, AND STABILITY SO THAT THE POST AND BALES (OR FABRIC) ARE FIRMLY IN THE GROUND.
- TEMPORARY AND PERMANENT SEEDING AND PLANTING WILL BE INSPECTED FOR BARE SPOTS, WASHOUTS, AND HEALTHY GROWTH.
- A MAINTENANCE INSPECTION REPORT WILL BE MADE AFTER EACH INSPECTION AND RECORD ALL DAMAGES OR DEFICIENCIES.
- THE OWNER WILL DELEGATE RESPONSIBILITIES FOR INSPECTION AND MAINTENANCE TO THE CONTRACTOR SO THAT EROSION AND SEDIMENT CONTROLS USED ON THE SITE ARE IN GOOD WORKING ORDER.

**RECORDS OF CONSTRUCTION ACTIVITIES**

IT IS IMPORTANT TO KEEP ACCURATE AND DETAILED RECORDS OF ALL PHASES OF CONSTRUCTION INCLUDING THOSE AFTER CONSTRUCTION OF THE INFRASTRUCTURE FOR THE PROJECT. THESE RECORDS WILL BE EXTREMELY VALUABLE IN DETERMINING WHICH ENTITY IS LIABLE SHOULD A RELEASE OCCUR OR A VIOLATION NOTICE BE RECEIVED BY THE EPA. ALL CORRESPONDENCE BETWEEN THE OWNER AND PERMIT SIGNATORIES SHOULD BE PROPERLY DATED AND KEPT ON FILE FOR FUTURE REFERENCE.

IF A STORM WATER RELEASE OCCURS THAT IS IN VIOLATION OF THE GENERAL PERMIT, IT IS THE RESPONSIBILITY OF THE CONTRACTOR OR OTHER PERMIT SIGNATORY TO NOTIFY THE DEVELOPER/OWNER AND TO FILL OUT AN INCIDENT OF NON-COMPLIANCE (ION) AND FILE IT WITH IEPA. THE ION SHOULD BE FILED WITHIN FIVE (5) OF THE INCIDENT AND COMPLETED ON FORMS PROVIDED BY THE AGENCY. A COPY OF THE FORM IS AVAILABLE FROM THE ENGINEER. CONSULT THE CLEAN WATER ACT FOR A DEFINITION OF VIOLATIONS.

THE FOLLOWING SHOULD BE RECORDED AT A MINIMUM:

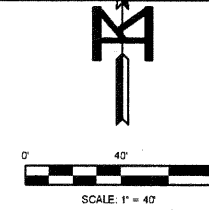
- DATES WHEN MAJOR GRADING ACTIVITIES OCCUR IN A PARTICULAR PART OF THE SITE.
- DATES WHEN CONSTRUCTION ACTIVITIES CEASE IN AN AREA, TEMPORARILY AND/OR PERMANENTLY.
- DATES WHEN SEEDING OR SOODING IS PERFORMED TEMPORARILY AND/OR PERMANENTLY.

THIS SWPPP PLAN MUST BE UPDATED OR CHANGED, BY THE ENGINEER, AS NEEDED TO ACCURATELY REFLECT THE SITE FEATURES AND OPERATION. CONTACT MOHR AND KERR ENGINEERING AND LAND SURVEYING, P.C. AS NEEDED.

THE IEPA HAS ISSUED REGULATIONS THAT DEFINE REPORTABLE QUANTITY (RQ) LEVELS FOR OIL AND HAZARDOUS SUBSTANCES. IF THERE IS AN RQ RELEASE DURING THE CONSTRUCTION PERIOD, THE FOLLOWING STEPS MUST BE TAKEN:

- NOTIFY THE NATIONAL RESPONSE CENTER IMMEDIATELY AT 800-424-8802.
- WITHIN 14 DAYS, SUBMIT A WRITTEN DESCRIPTION OF THE RELEASE TO THE IEPA REGIONAL OFFICE PROVIDING THE DATE AND CIRCUMSTANCES OF THE RELEASE AND STEPS TO BE TAKEN TO PREVENT ANOTHER RELEASE.
- MODIFY THE POLLUTION PREVENTION PLAN TO INCLUDE THE ABOVE INFORMATION.

THIS PLAN MUST BE KEPT ON SITE (CONSTRUCTION TRAILER OR SUPERINTENDENT VEHICLE) FROM THE BEGINNING OF CONSTRUCTION UNTIL THE SITE IS FINALLY STABILIZED. THE PLAN AND RECORDS MUST BE KEPT FOR THREE YEARS AFTER COMPLETION OF THE FINAL SITE STABILIZATION. THE PLANS AND ASSOCIATED RECORDS MUST BE MADE AVAILABLE UPON REQUEST TO THE IEPA REPRESENTATIVE, ANY STATE AND LOCAL AGENCY PERSONNEL OR ANY OTHER CITIZEN.



**TERMINATION**

OPERATORS OF A CONSTRUCTION SITE MUST CONTINUE TO COMPLY WITH PERMIT CONDITIONS UNTIL:

- THEY NO LONGER MEET THE DEFINITION OF AN OPERATOR OF A CONSTRUCTION SITE, OR
- THE CONSTRUCTION ACTIVITY IS COMPLETE, ALL DISTURBED AREAS HAVE BEEN STABILIZED, AND TEMPORARY EROSION AND SEDIMENT CONTROLS HAVE BEEN OR WILL BE REMOVED.

FINAL STABILIZATION IS DEEMED BY THE IEPA GENERAL PERMIT TO MEAN THAT ALL SOIL DISTURBING ACTIVITIES AT THE SITE HAVE BEEN COMPLETED, AND THAT A UNIFORM PERENNIAL VEGETATION COVER WITH A DENSITY OF 70% HAS BEEN ESTABLISHED FOR UNPAVED AREAS NOT COVER BY PERMANENT STRUCTURES OR THE EQUIVALENT PERMANENT STABILIZATION MEASURES (SUCH AS RIPRAP, DETENTION PONDS, GEO-TEXTILES, ETC.) HAVE BEEN EMPLOYED.

**SIGNATURES AND CERTIFICATION OF PLAN**

THE FOLLOWING PERSONS ACKNOWLEDGE THAT THEY HAVE READ AND UNDERSTAND THE POLLUTION PREVENTION PLAN AND ASSOCIATED PLAN DRAWINGS AND DETAILS AND AGREE TO ABIDE BY THE MEASURES SET FORTH IN SAID PLAN, DRAWINGS, AND DETAILS.

THE UNDERSIGNED CONTRACTOR HEREBY CERTIFIES UNDER PENALTY OF LAW, THAT ITS OFFICERS, AGENTS AND EMPLOYEES HAVE READ AND UNDERSTAND THE TERMS AND CONDITIONS OF THE GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMITS (ILR 10 AND ILR 40) THAT AUTHORIZES THE STORM WATER DISCHARGE ASSOCIATED WITH INDUSTRIAL ACTIVITY FROM THE CONSTRUCTION SITE COVERED BY THIS CONTRACT, AS WELL AS THE TERMS AND CONDITIONS OF THE IEPA STORMWATER MANAGEMENT PLAN PREPARED BY MOHR AND KERR ENGINEERING AND LAND SURVEYING, P.C. IN CONNECTION THEREWITH. CONTRACTOR HEREBY AGREES TO INDEMNIFY AND SAVE HARMLESS THE OWNER AND THE ENGINEER, ITS MEMBERS, MANAGER AND THE OFFICERS, DIRECTORS, SHAREHOLDERS, EMPLOYEES AND AGENTS OF THE MEMBERS AND MANAGER FROM AND AGAINST ANY AND ALL VIOLATIONS OF THE NPDES, ILR 10, ILR 40 AND THE SAID STORMWATER MANAGEMENT PLAN COMMITTED BY CONTRACTOR OR CONTRACTORS AGENTS, EMPLOYEES, OFFICERS, DIRECTORS, SHAREHOLDERS, SUBCONTRACTORS, SUPPLIERS AND WATER USER. CONTRACTOR AGREES TO OVERSEE ALL WORK ON THE SITE AND IN PARTICULAR AGREES TO MONITOR COMPLIANCE WITH THE NPDES, ILR 10, ILR 40, AND STORMWATER MANAGEMENT PLAN BY ALL PERSONS AND ENTITIES PERFORMING WORK ON THE SITE BY, THROUGH OR UNDER CONTRACTOR. THIS INDEMNITY SHALL INCLUDE BUT NOT LIMITED TO FINES, PENALTIES, INTEREST, COURT COSTS, AND ATTORNEY FEES, INCLUDING TRAIL OR APPELLATE FEES, INCURRED BY THE OWNER OR ENGINEER AS A RESULT OF ANY SUCH VIOLATIONS.

ALL SIGNATORIES LISTED BELOW THAT WILL PREPARE ANY REPORTS REQUIRED BY THIS PLAN OR THE GENERAL PERMIT CERTIFY TO THE FOLLOWING STATEMENT:

"I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSONS OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR VIOLATIONS."

SIGNATURE: [Signature] OWNER - VILLAGE OF VILLAGE

SIGNATURE: \_\_\_\_\_ CONTRACTOR

DATE: \_\_\_\_\_

RELEASE OF RESPONSIBILITY FOR GENERAL CONTRACTOR

THE SIGNATORIES BELOW ACKNOWLEDGE THAT THEY HAVE BOTH MUTUALLY AGREED THAT AN INSPECTION OF THE CONSTRUCTION SITE HAS RESULTED IN TERMINATION OF RESPONSIBILITY FOR THE GENERAL CONTRACTOR TO COMPLY WITH THE GENERAL HELD BY THE OWNER AS OF THE DATE LISTED BELOW.

SIGNATURE: \_\_\_\_\_ OWNER - VILLAGE OF VILLAGE

SIGNATURE: \_\_\_\_\_ CONTRACTOR

DATE: \_\_\_\_\_

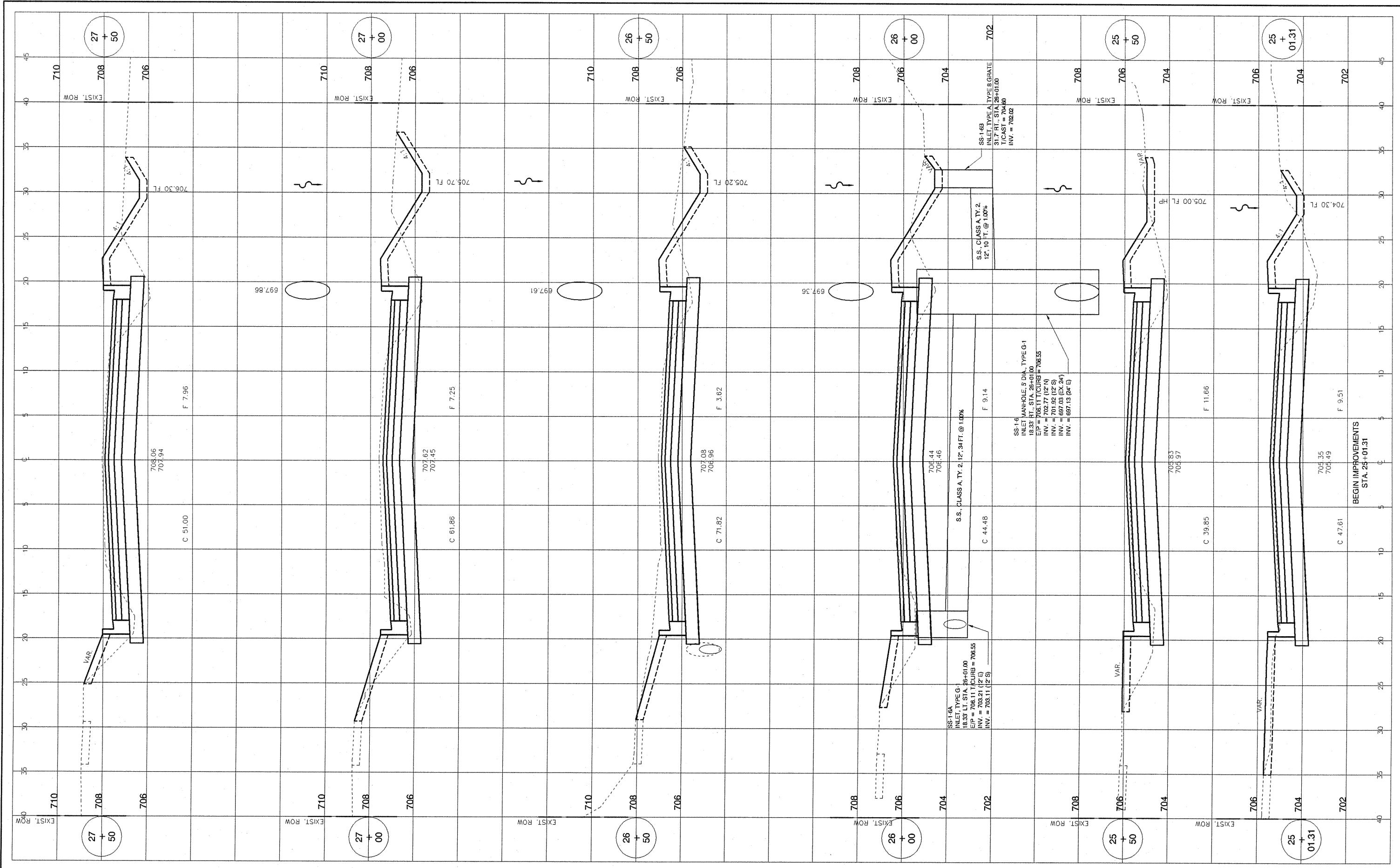
**MOHR & KERR ENGINEERING & LAND SURVEYING, P.C.**  
7336 N. University Ave. Office: (309) 692-8500  
Peoria, Illinois 61614 Fax: (309) 692-8501  
www.mohrandkerr.com Professional Design Firm #184.005091

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CHECKED	WFS	REVISED
DATE	10-25-10	REVISED

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

STREET IMPROVEMENTS EAST JEFFERSON STREET MORTON, ILLINOIS  
STORM WATER POLLUTION PREVENTION PLAN  
SCALE: 1" = 40' SHEET NO. 11 OF 20 SHEETS STA. 25+00 TO STA. 30+50

F.A. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6721	07-00116-01-PP	TAZEWELL	20	11
CONTRACT NO. 89490				
ILLINOIS FEDERAL ROAD DIST NO. 7				



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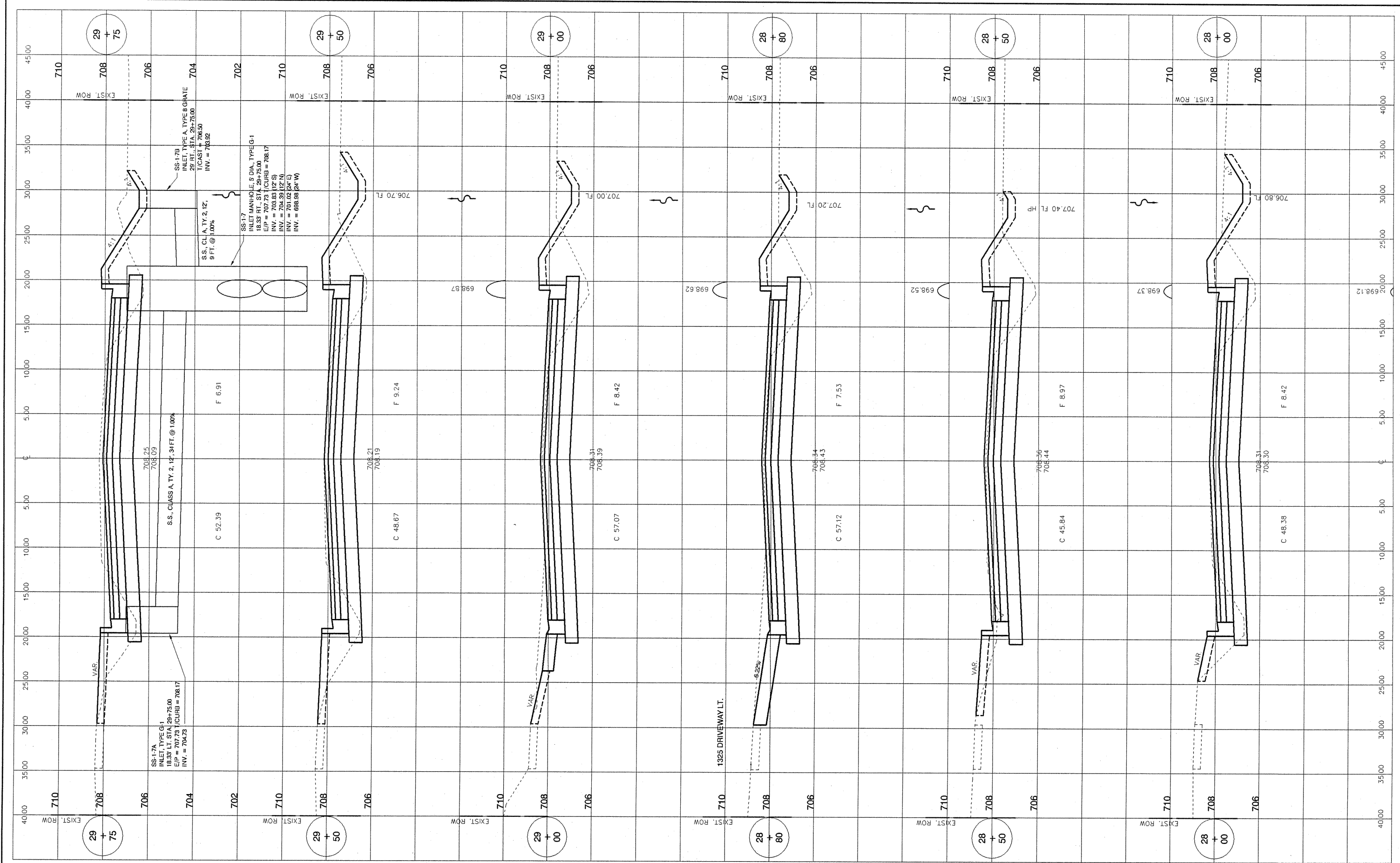
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

STREET IMPROVEMENTS EAST JEFFERSON STREET MORTON, ILLINOIS  
CROSS SECTIONS

SCALE: 1" = 5' H 1" = 2' V SHEET NO. 12 OF 20 SHEETS STA. 25+01.31 TO STA. 27+50

F.A. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6721	07-00116-01-FP	TAZEWELL	20	12
CONTRACT NO. 89490			ILLINOIS FEDERAL ROAD DIST NO. 7	

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DATE	10-25-10	REVISED

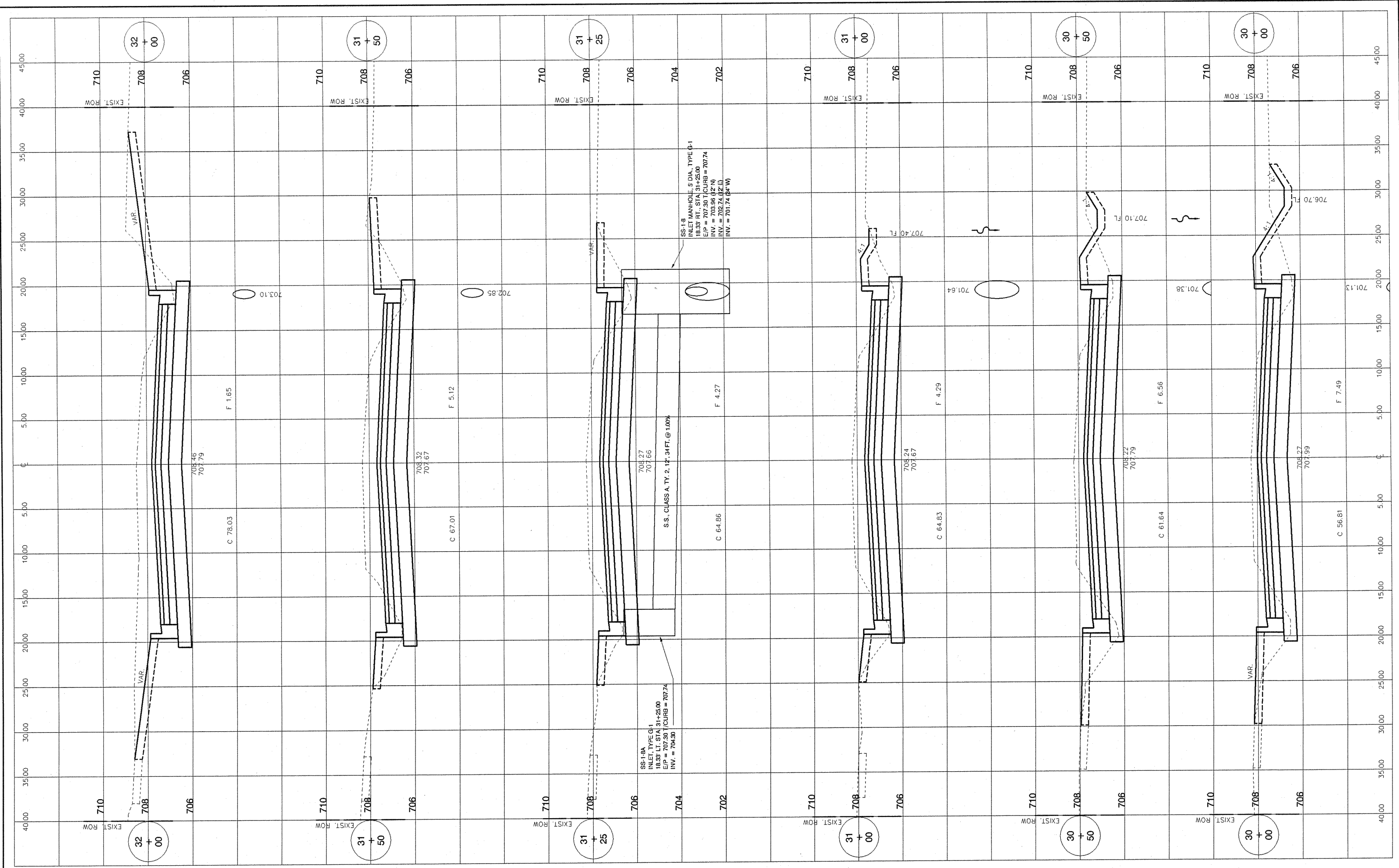
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

STREET IMPROVEMENTS EAST JEFFERSON STREET MORTON, ILLINOIS  
CROSS SECTIONS

SCALE: 1" = 5' H 1" = 2' V SHEET NO. 13 OF 20 SHEETS STA. 28+00 TO STA. 29+75

F.A. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6721	07-00116-01-FP	TAZEWELL	20	13
CONTRACT NO. 89490				
ILLINOIS FEDERAL ROAD DIST NO. 7				

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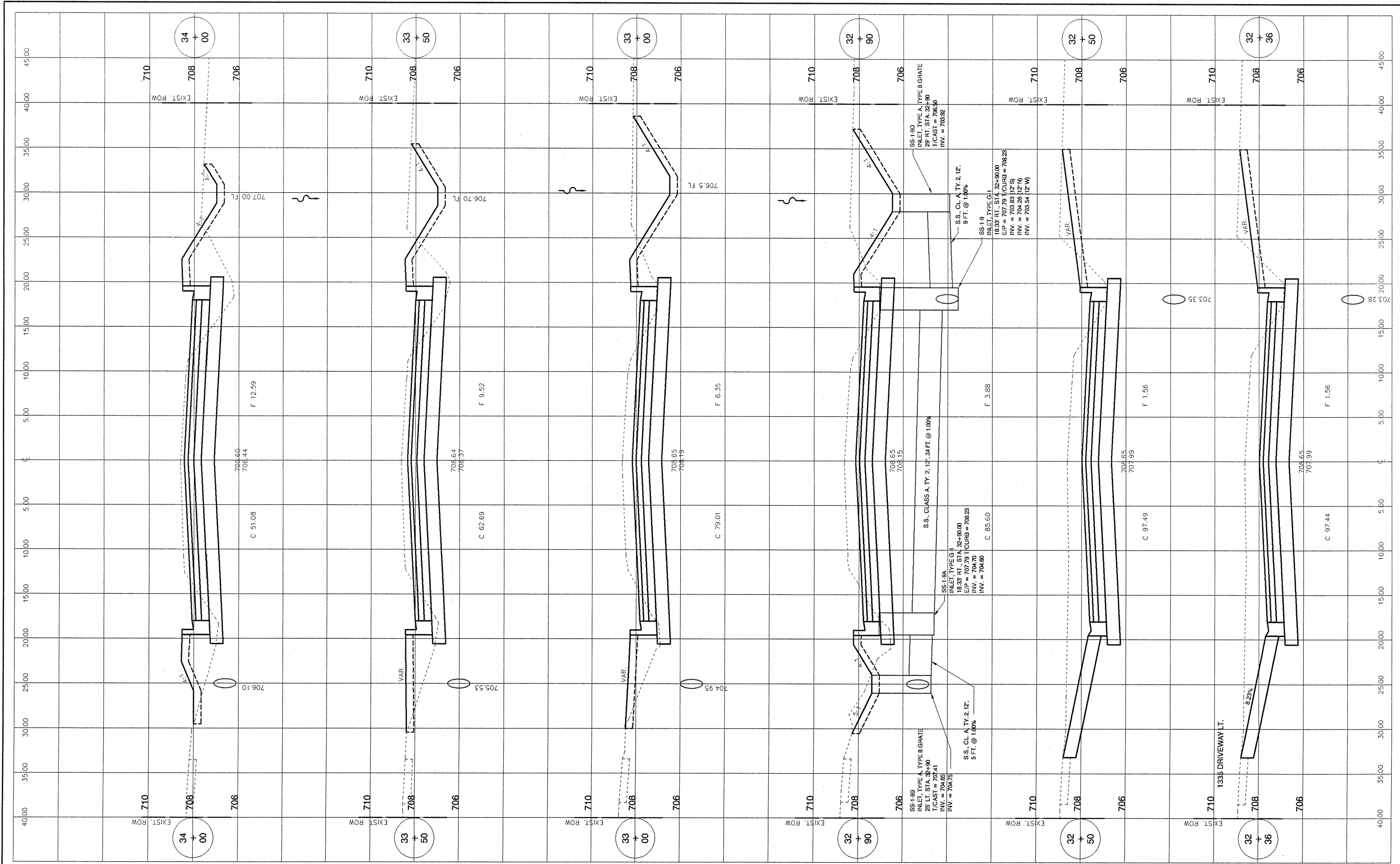
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

STREET IMPROVEMENTS EAST JEFFERSON STREET MORTON, ILLINOIS  
 CROSS SECTIONS  
 SCALE: 1" = 5' H 1" = 2' V SHEET NO. 14 OF 20 SHEETS STA. 30+00 TO STA. 32+00

F.A. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6721	07-00116-01-FP	TAZEWELL	20	14
CONTRACT NO. 89490				
ILLINOIS FEDERAL ROAD DIST NO. 7				

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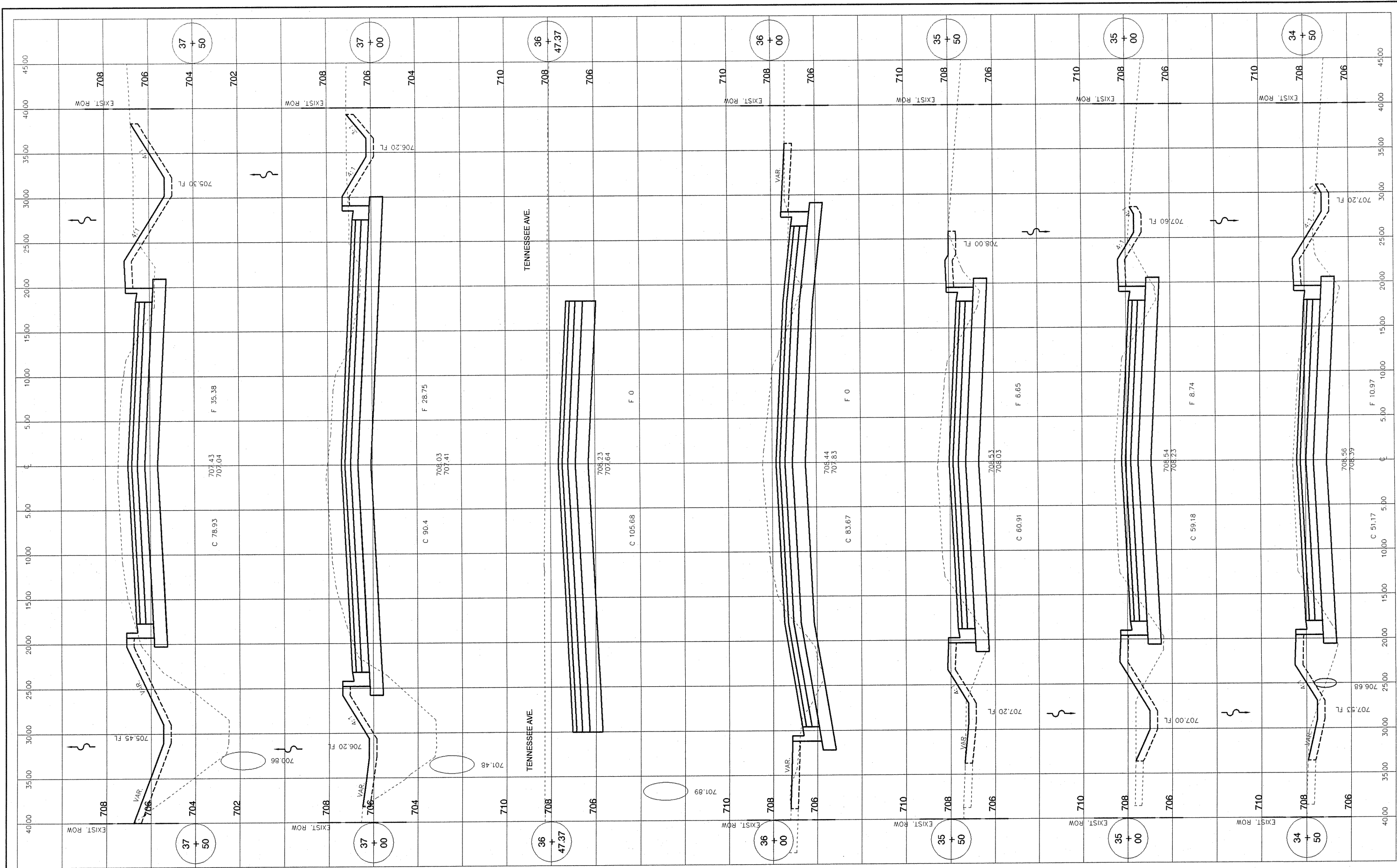
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

STREET IMPROVEMENTS EAST JEFFERSON STREET MORTON, ILLINOIS  
 CROSS SECTIONS  
 SCALE: 1" = 5' H 1" = 2' V SHEET NO. 15 OF 20 SHEETS STA. 32+36 TO STA. 34+00

F.A. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6721	07-00116-01-FP	TAZEWELL	20	15
CONTRACT NO. 89490				
ILLINOIS FEDERAL ROAD DIST NO. 7				



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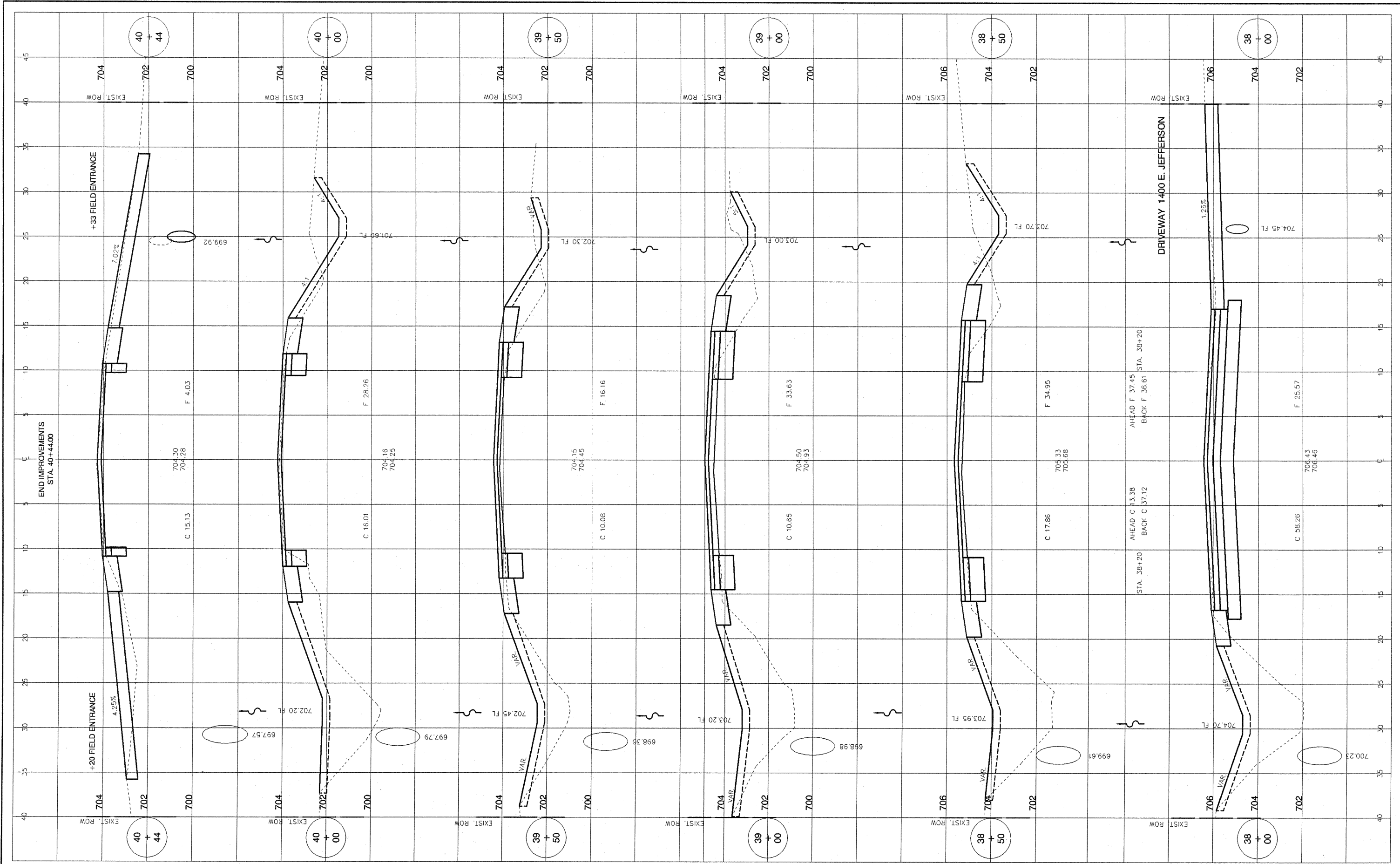
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

STREET IMPROVEMENTS EAST JEFFERSON STREET MORTON, ILLINOIS  
CROSS SECTIONS

SCALE: 1" = 3' H 1" = 2' V SHEET NO. 16 OF 20 SHEETS STA. 34+50 TO STA. 37+50

F.A. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6721	07-00116-01-FP	TAZEWELL	20	16
CONTRACT NO. 89490			ILLINOIS FEDERAL ROAD DIST. NO. 7	





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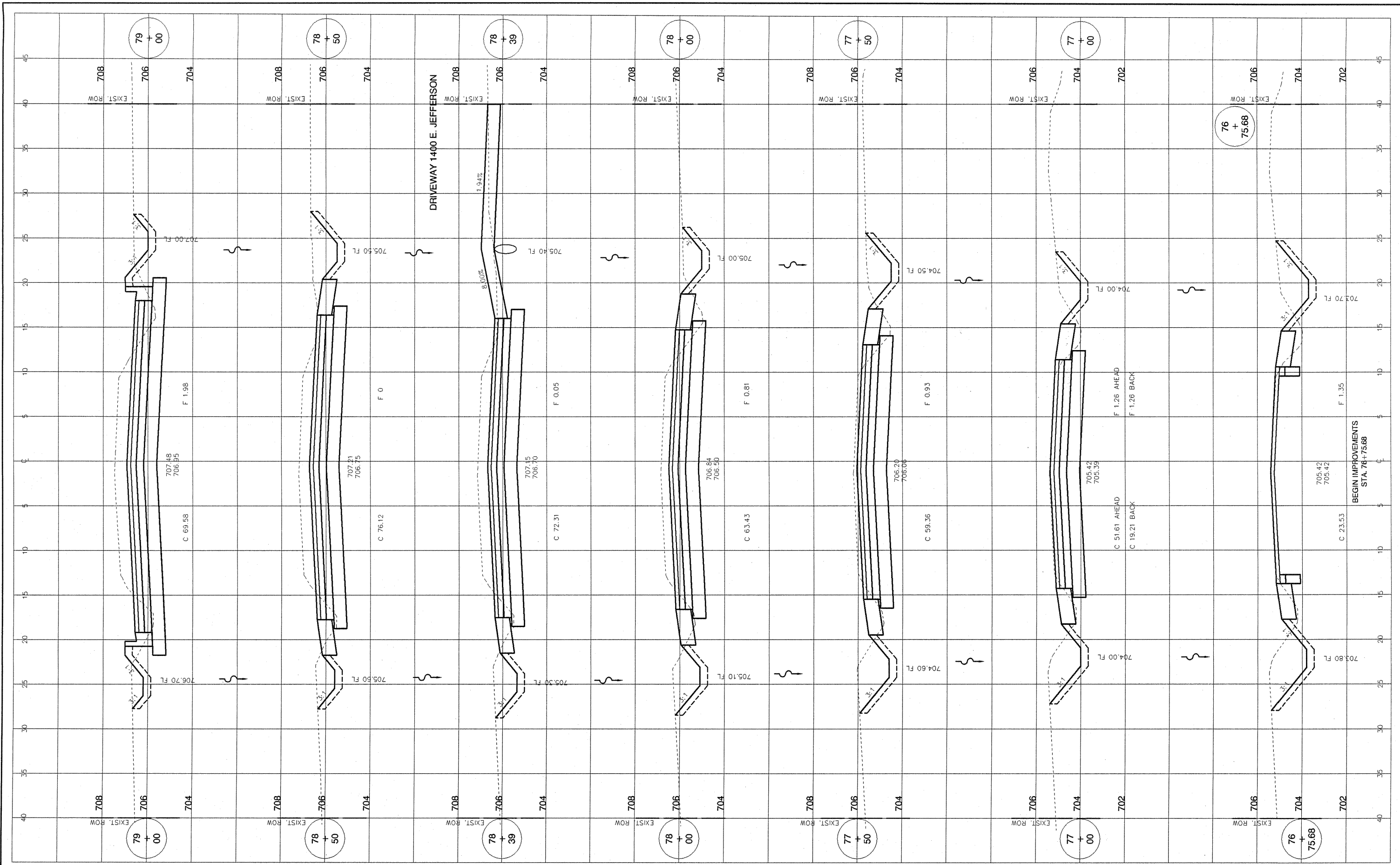
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

STREET IMPROVEMENTS EAST JEFFERSON STREET MORTON, ILLINOIS  
CROSS SECTIONS

SCALE: 1" = 5' H 1" = 2' V SHEET NO. 17 OF 20 SHEETS STA. 38+00 TO STA. 40+44.00

F.A. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6721	07-00116-01-FP	TAZEWELL	20	17
CONTRACT NO. 89490				
ILLINOIS FEDERAL ROAD DIST NO. 7				



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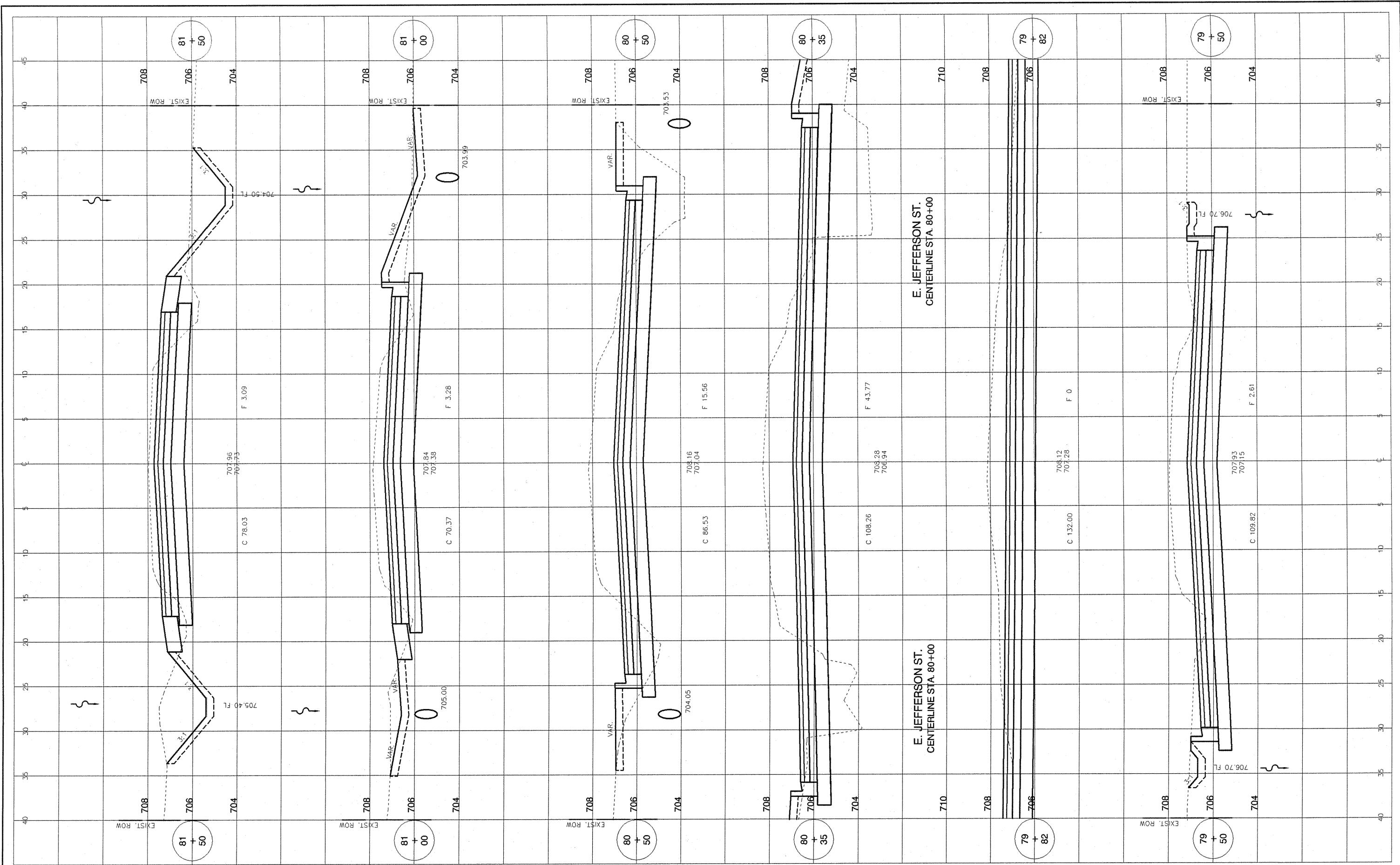
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

STREET IMPROVEMENTS EAST JEFFERSON STREET MORTON, ILLINOIS  
 CROSS SECTIONS - TENNESSEE AVE.  
 SCALE: 1" = 5' H 1" = 2' V SHEET NO. 18 OF 20 SHEETS STA. 76+75.68 TO STA. 79+00

F.A. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6721	07-00116-01-FP	TAZEWELL	20	18
CONTRACT NO. 89490			ILLINOIS FEDERAL ROAD DIST NO. 7	

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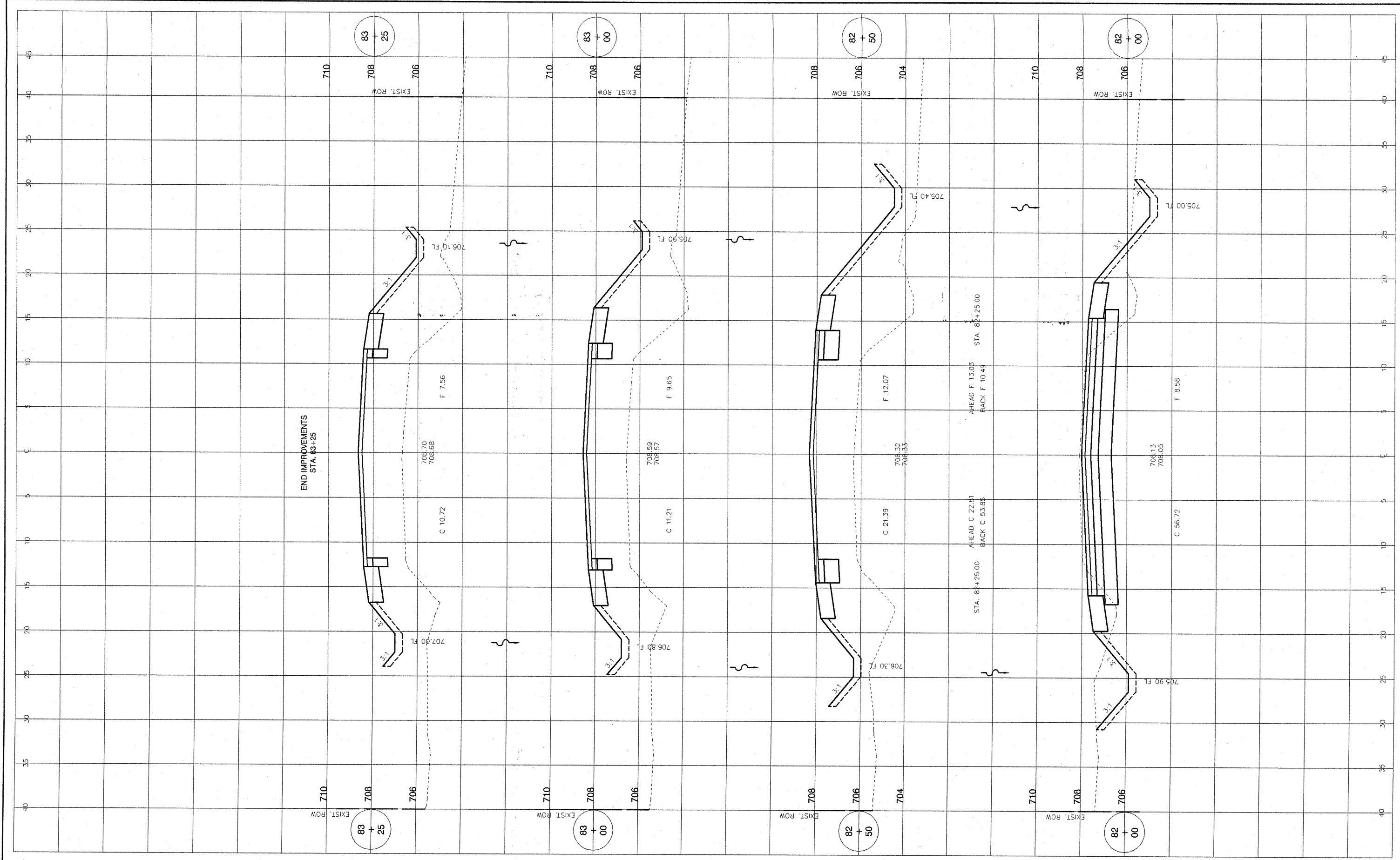
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

STREET IMPROVEMENTS EAST JEFFERSON STREET MORTON, ILLINOIS  
CROSS SECTIONS - TENNESSEE AVE.

SCALE: 1" = 5' H 1" = 2' V SHEET NO. 4 OF 20 SHEETS STA. 79+60 TO STA. 81+50

F.A. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6721	07-00116-01-FP	TAZEWELL	20	19
CONTRACT NO. 89490			ILLINOIS FEDERAL ROAD DIST NO. 7	



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STATE OF ILLINOIS  
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STREET IMPROVEMENTS EAST JEFFERSON STREET MORTON, ILLINOIS  
CROSS SECTIONS - TENNESSEE AVE.

F.A. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6721	07-00116-01-FP	TAZEWELL	20	20
CONTRACT NO. 89490			ILLINOIS FEDERAL ROAD DIST NO. 7	

SCALE: 1" = 5' H 1" = 2' V SHEET NO. 20 OF 20 SHEETS STA. 82+00 TO STA. 83+50