

FOR INDEX OF SHEETS AND COMMITMENTS, SEE SHEET NO. 2
 FOR LIST OF STANDARDS, SEE SHEET NO. 2
 SEE TYPICAL SECTIONS FOR STRUCTURAL PAVEMENT INFORMATION

CONTRACT NO. 89467

PLAN FOR MULLER ROAD (MS 7660) IMPROVEMENTS

**CITY OF WASHINGTON
 TAZEWELL COUNTY
 SECTION 05-00104-00-RS
 RECONSTRUCTION/MILLING AND SURFACING
 PROJECT NO. HPP-0176 (109)
 C-94-046-07**

DESIGN DESIGNATION

MULLER ROAD
 LOCAL ROAD 0.50 (FLEXIBLE PAVEMENT-20)
 ADT = 2515 (2028)
 PV = 86.5%
 SU = 9.0%
 MU = 4.5%

DRAWING SCALES

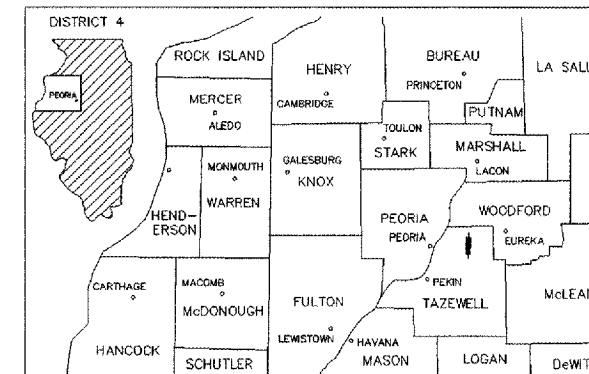
CROSS SECTION VERTICAL: 1" = 2.5'



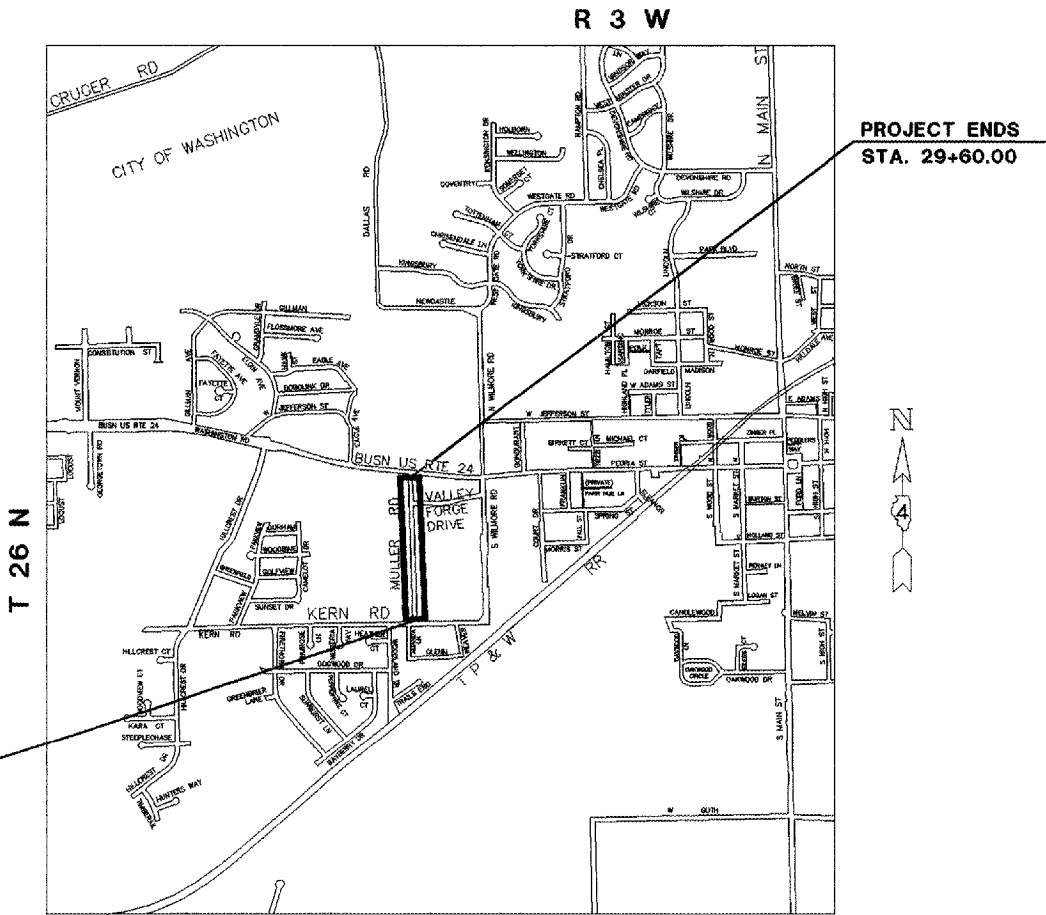
CROSS SECTION HORIZONTAL: 1" = 5'
 PROFILE VERTICAL: 1" = 5'



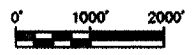
PLAN: 1" = 20'
 PROFILE HORIZONTAL: 1" = 20'



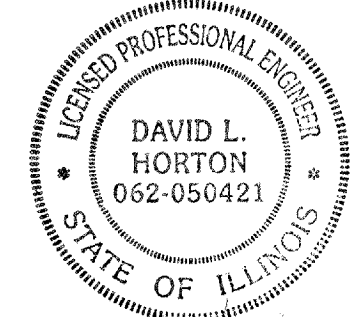
LOCATION OF SECTION INDICATED THUS: [shaded area]



3rd P.M.
LOCATION MAP



GROSS LENGTH OF IMPROVEMENT = 1,925 FEET = 0.365 MILES
 NET LENGTH OF IMPROVEMENT = 1,925 FEET = 0.365 MILES



David L. Horton 1/7/2008
 DAVID L. HORTON DATE

ILLINOIS REGISTERED PROFESSIONAL ENGINEER
 No. 062-050421
 EXPIRATION DATE 11/30/05

APPROVED	<i>Jan. 7</i>	20 <i>08</i>
	<i>Kenneth R. Neuman</i>	CITY ENGINEER
PASSED	<i>1-7</i>	20 <i>08</i>
	<i>[Signature]</i>	DISTRICT FOUR ENGINEER OF LOCAL ROADS & STREETS
RELEASING FOR BID BASED ON LIMITED REVIEW	<i>Jan 7</i>	20 <i>08</i>
	<i>[Signature]</i>	DEPUTY DIRECTOR OF HIGHWAYS, REGION THREE ENGINEER

WARNING



CALL JULIE

BEFORE YOU DIG CATALOG NO. 033489-00

NPDES PERMIT REQUIRED

QC/QA BITUMINOUS

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

LOCAL ROADS FIELD ENGINEER: MR. KEN PARK (PH. 309-671-3693)

COVER.dgn 1/3/2008 12:13:30 PM

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS 7660	05-00104-00-R5	TAZEWELL	36	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

INDEX OF SHEETS

SHT. NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS, LIST OF STANDARDS, GENERAL NOTES, JOB SPECIFIC NOTES, COMMITMENTS AND STATUS OF UTILITIES
3	SUMMARY OF QUANTITIES
4	TYPICAL SECTIONS
5-6	SCHEDULE OF QUANTITIES
7	ALIGNMENT, TIES, BENCHMARKS AND LINE DIAGRAM
8-12	MAINTENANCE OF TRAFFIC
13-14	REMOVAL PLANS
15-18	ROADWAY AND DRAINAGE PLAN AND PROFILES
19	PAVEMENT MARKING PLAN
20	ENTRANCE DETAIL
21-34	CROSS SECTIONS

DISTRICT 4 CADD STANDARDS:

35	440001-D4	BITUMINOUS SURFACE REMOVAL (COLD MILLING)
36	602001-D4	INLETS, TYPE G-1

LIST OF STANDARDS

- 000001-05 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 280001-04 TEMPORARY EROSION CONTROL SYSTEMS
- 601001-02 SUB-SURFACE DRAINS
- 606001-03 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 701501-04 URBAN LANE CLOSURE 2L, 2W, UNDIVIDED
- 701701-05 URBAN LANE CLOSURE MULTILANE INTERSECTION
- 701901 TRAFFIC CONTROL DEVICES
- 780001-01 TYPICAL PAVEMENT MARKINGS
- BLR 17-3 TRAFFIC CONTROL DEVICES - DAY LABOR CONSTRUCTION

COMMITMENTS

NO COMMITMENTS HAVE BEEN MADE FOR THIS PROJECT.

GENERAL NOTES

UTILITIES - LOCATIONS/INFORMATION ON PLANS

The locations of existing water mains, gas mains, sewers, electric power lines, telephone lines and other utilities as shown on the plans are based on careful field investigation and the best information available, but they are not guaranteed. Unless elevations are shown --- all utility locations shown on the cross sections are based on the approximate depth supplied by the utility company. It shall be the Contractor's responsibility to ascertain their exact location from the utility companies and by field inspection.

PLAN ELEVATIONS - U.S.G.S. MEAN SEA LEVEL DATUM

All elevations shown on the plans are established from U.S.G.S. mean sea level datum.

PROPERTY OWNER ACCESS REQUIREMENT

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.

TEMPORARY MATERIAL REQUIREMENTS - UTILITY AND DRIVEWAY CROSSINGS

Incidental bituminous surface shall be used for all temporary side road crossings. Aggregate surface course may be used for all driveway crossings except during winter shutdown in accordance with Article 107.09.

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.

Prior to any waste materials being removed from the construction site the required environmental resource surveys will need to 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.

The required environmental resource documentation shall include the following:

- BDE Form 2289 (Environmental Survey Request)
- A location map showing the size limits and location of the use area
- Signed property owner agreement form
- Color photographs depicting the use area

Please note that a minimum of two weeks shall be allowed for the District to obtain the required environmental clearances.

LABORATORY TESTING OF HMA MIXES

Some aggregate compositions produce inconsistent results when burned in the ignition oven. The Engineer will determine whether the ignition oven or AC nuclear gauge will be required after the aggregate sources have been identified.

HMA ASPHALT MIXTURE REQUIREMENTS

	FOR FULL DEPTH PAVEMENT		
Mixture Uses(s):	SURFACE (2")	TOP BINDER LIFT (2 1/4")	LOWER BINDER LIFTS
RAP % (Max)**:	10%	10%	25%
AC/PG:	SBS 64-28	SBS 64-28	PG 64-22
Design Air Voids:	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50
Mixture Composition: (Gradation Mixture)	IL 9.5 OR 12.5	IL 19.0	IL 19.0
Friction Aggregate	MIX D	N.A.	N.A.

Mixture Uses(s):	SURFACE COURSE, N50 - (RESURFACE)
RAP % (Max)**:	15%
AC/PG:	PG 64-22
Design Air Voids:	4.0% @ N=50
Mixture Composition: (Gradation Mixture)	IL 9.5 OR 12.5
Friction Aggregate	MIX D

Mixture Uses(s):	LEVELING BINDER, N50
RAP % (Max)**:	25%
AC/PG:	PG 64-22
Design Air Voids:	4.0% @ N=50
Mixture Composition: (Gradation Mixture)	IL 9.5
Friction Aggregate	MIX C

**If the RAP option is selected, the asphalt cement grade may need to be adjusted; this will be determined by the Engineer.

JOB SPECIFIC NOTES

EARTH EXCAVATION - INCIDENTAL TO CURB AND GUTTER, DRIVEWAY, AND PAVEMENT

Earth excavation and backfill for proposed curb and gutter, entrances and adjacent pavement for driveways and side streets shall be included in the cost of various items.

INCIDENTAL HMA SURFACING

Where driveway pavement is not specified, incidental HMA Surface shall be used behind the new curb and gutter to transition to the existing paved bituminous parking lots or driveways. Placement and slope to drain as directed by the engineer. Minimum thickness shall be 3/4" and shall include minor bituminous surface removal as needed.

LAYOUT

All elevations and cross slopes were determined from the existing left edge of pavement elevations.

VANE GRATES

All Inlets, Type G-1 shall use Vane Grates. See Schedule of Quantities, for additional information.

AGGREGATE DRIVEWAYS

Aggregate salvaged from excavation at aggregate driveways shall be used to backfill or match to Proposed Bituminous or Concrete Driveways.

SAW CUTTING

All saw cutting shall not be paid for separately but shall be considered included in the cost of the project.

CONCRETE CURB AND GUTTER

Plan cross sections show an aggregate base course under the CCC&G. Aggregate required for grade correction shall be included in the CCC&G. Subgrade removal and replacement will be determined in the field.

SUBGRADE REMOVAL AND REPLACEMENT

Subgrade Removal and Replacement is shown on the plans. Additional quantity of Subgrade Removal and Replacement is included in the Proposal and Subgrade Removal and Replacement will be determined in the field.

CURB AND GUTTER

Curb and Gutter will not be depressed but will be full height at locations where PCC Driveway Pavement 6" is constructed behind the curb and between the driveways at station 19+50, left.

UTILITY CONTACTS

GAS:
AMEREN CILCO
MR. LES HENSLEY
309-693-4884

ELECTRIC:
AMEREN CILCO
MR. GREG BECHTEL
309-693-4731

SANITARY AND WATER:
CITY OF WASHINGTON
MR. KEN NEWMAN
309-444-3196

TELEPHONE:
VERIZON
MR. STEVEN ANDERSON
309-454-5225

CABLE:
INSIGHT COMMUNICATIONS
MR. BRUCE VONBRETHORST
309-686-2677

COMMUNICATIONS:
McLEOD USA
MR. KENT FURNISH
309-282-3103
309-693-3225

STATUS OF UTILITIES

Location	Offset	Owner	Type of Utility	Disposition
13+70	5' RT.	City of Washington	Manhole	Adjust/Caution
16+90	5' RT.	City of Washington	Manhole	Adjust/Caution
18+57	24' LT.	City of Washington	Water Valve	Adjust
19+76	5' RT.	City of Washington	Manhole	Adjust
21+22	5' RT.	City of Washington	Manhole	Caution
23+40	20' LT.	City of Washington	Water Valves (2)	Adjust
23+45	25' LT.	City of Washington	Fire Hydrant	Caution
19+76	5' RT.	City of Washington	Manhole	Adjust
21+22	25' RT.	Ameren/CIPS	Gas Valve	Caution
23+40	5' RT.	City of Washington	Manhole	Adjust
21+60 TO 29+50	20' LT.	Cable	UGC	Caution

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
MULLER ROAD IMPROVEMENTS
INDEX OF SHEETS, LIST OF STANDARDS,
GENERAL NOTES, JOB SPECIFIC NOTES,
COMMITMENTS AND STATUS OF UTILITIES

SCALE: AS SHOWN
DATE: 11-14-07
DRAWN BY: OLC
CHECKED BY: KMC

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS 7660	05-00104-00-RS	TAZEWELL	36	3
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE 1000
CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY
20201550	SUB-BASE GRANULAR MATERIAL, TYPE B	CU YD	439
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	439
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	60
28000510	INLET FILTERS	EACH	8
35101400	AGGREGATE BASE COURSE, TYPE B	TON	230
35300200	PORTLAND CEMENT CONCRETE BASE COURSE 7"	SQ YD	212
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	20
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	0.9
40600300	AGGREGATE (PRIME COAT)	TON	5
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	6
40600990	TEMPORARY RAMP	SQ YD	76
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	282
40701861	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9"	SQ YD	4640
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	4
42001300	PROTECTIVE COAT	SQ YD	853
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	152
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	721
44000100	PAVEMENT REMOVAL	SQ YD	4640
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	2360
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1012
44000500	COMBINATION CONCRETE CURB AND GUTTER REMOVAL	FOOT	3849
60107600	PIPE UNDERDRAIN 4"	FOOT	295
60241800	INLETS, TYPE G-1	EACH	5
60260100	INLETS TO BE ADJUSTED	EACH	1
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	3777
67100100	MOBILIZATION	L SUM	1
70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1
* 78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	36
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	803
* 78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	83
* 78001140	PAINT PAVEMENT MARKING - LINE 8"	FOOT	130
* 78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	52
XX005238	TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH	CU YD	70
Z0004500	BITUMINOUS DRIVEWAY PAVEMENT, 8"	SQ YD	232
Z0013798	CONSTRUCTION LAYOUT	L SUM	1
Z0018700	DRAINAGE STRUCTURE TO BE REMOVED	EACH	5

* SPECIALTY ITEM

REVISIONS	
NAME	DATE

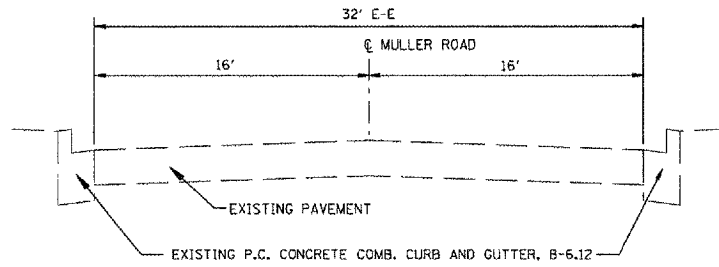
ILLINOIS DEPARTMENT OF TRANSPORTATION

**MULLER ROAD IMPROVEMENTS
SUMMARY OF QUANTITIES**

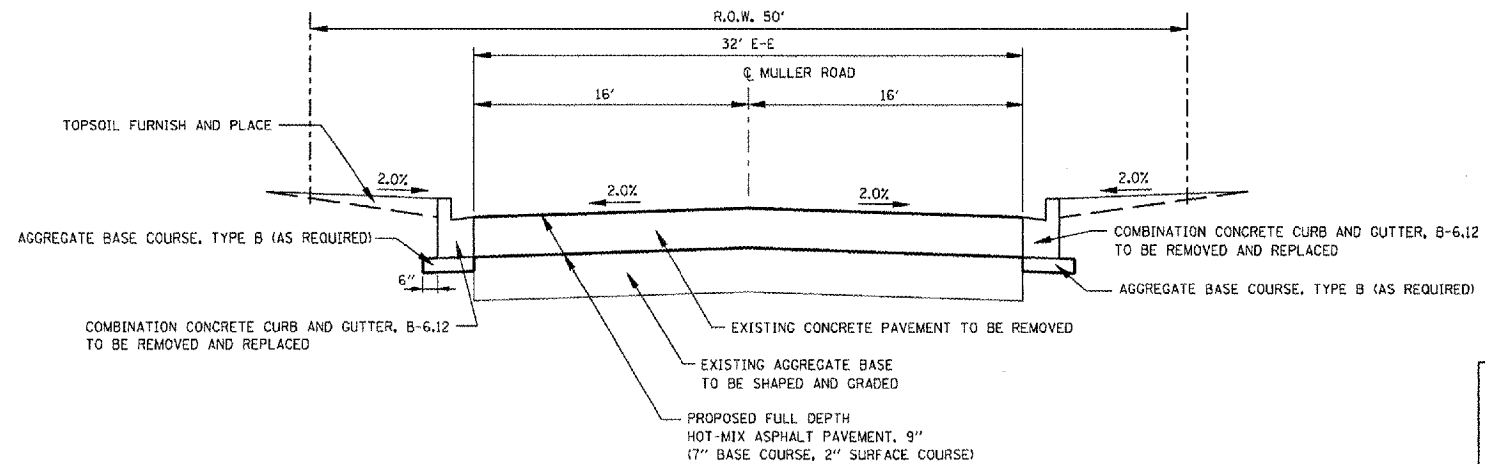
SCALE: AS SHOWN
DATE 11-14-07

DRAWN BY: DLC
CHECKED BY: KMC

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS 7660	05-00104-00-RS	TAZEWELL	36	4
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

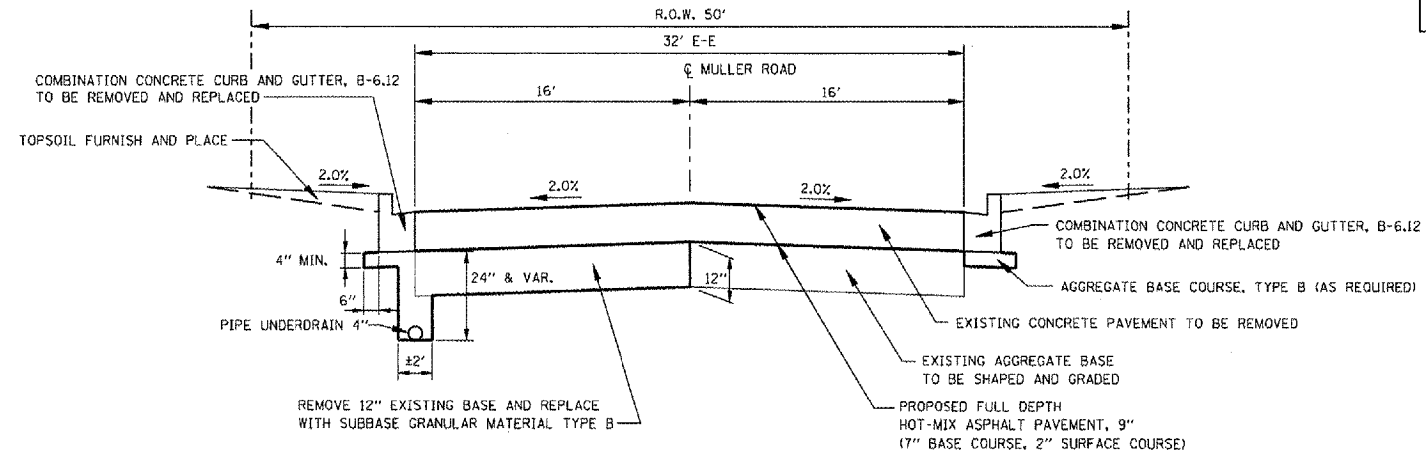


MULLER ROAD - EXISTING TYPICAL SECTION
NOT TO SCALE

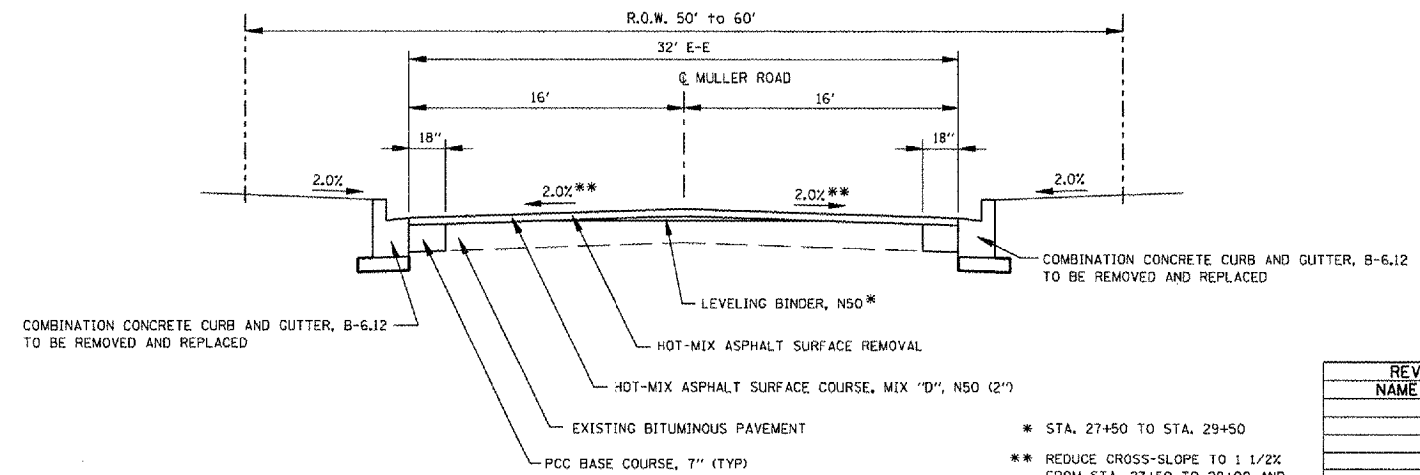


MULLER ROAD - PROPOSED TYPICAL SECTION
STA. 10+35 TO STA. 14+20
STA. 16+40 TO STA. 23+40
NOT TO SCALE

PAVEMENT DESIGN INFORMATION		
STRUCTURAL DESIGN TRAFFIC:	YEAR: 2018	
PV = 1970	SU = 205	MU = 102
ROAD/STREET CLASSIFICATION: URBAN	CLASS: II	
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
PV = 86.5%	SU = 9.0%	MU = 4.5%
TRAFFIC FACTOR:	ACTUAL TF = 0.50	AC TYPE = PG 64-28
	MINIMUM TF = --	
PG GRADE:	BINDER = PG 58-22	SURFACE = PG 64-28
SUBGRADE SUPPORTING RATING:		
SSR = POOR (STA. 10+35 TO STA. 23+40)		



MULLER ROAD - PROPOSED TYPICAL SECTION
STA. 14+20 TO STA. 16+40
NOT TO SCALE



MULLER ROAD - PROPOSED TYPICAL SECTION
STA. 23+40 TO STA. 29+60
NOT TO SCALE

- * STA. 27+50 TO STA. 29+50
- ** REDUCE CROSS-SLOPE TO 1 1/2% FROM STA. 27+50 TO 28+00 AND ADJUST CROSS-SLOPE FROM 1 1/2% TO MATCH TO EXISTING FROM STA. 29+00 TO STA. 29+50

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
MULLER ROAD IMPROVEMENTS
TYPICAL SECTIONS
SCALE: AS SHOWN
DATE: 11-14-07
DRAWN BY: DLC
CHECKED BY: KMC

PLOT DATE = 8/01/08
FILE NAME = 8/1/08
PLOT SCALE = 1/8"=1'-0"
USER NAME = BUSENB

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS 7660	05-00104-00-RS	TAZEWELL	36	5
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

LOCATION		DRIVEWAY PAVEMENT REMOVAL SQ YD	
RT. STA. 11+00.1		31.67	
LT. STA. 12+39.6		8.22	
RT. STA. 12+40.3		39.78	
LT. STA. 13+02.9		21.44	
RT. STA. 13+05.6		48.78	
RT. STA. 13+65.9		24.56	
LT. STA. 13+94.3		16.56	
LT. STA. 14+76.6		22.67	
RT. STA. 15+24.9		21.56	
LT. STA. 15+36.3		20.33	
LT. STA. 15+90.9		13.44	
RT. STA. 16+41.5		18.78	
LT. STA. 16+18.0	TO	LT. STA. 17+35.0	90.67
		RT. STA. 17+00.7	21.89
		LT. STA. 17+89.4	13.89
		LT. STA. 18+35.0	23.89
		RT. STA. 18+61.6	23.67
		RT. STA. 18+86.4	15.22
		LT. STA. 18+88.0	23.56
LT. STA. 19+29.7	TO	LT. STA. 20+00.0	49.11
		RT. STA. 19+65.7	19.33
LT. STA. 20+00.0	TO	LT. STA. 21+20.0	62.11
		RT. STA. 20+24.9	20.67
		LT. STA. 21+36.4	21.44
		RT. STA. 21+36.4	12.89
		RT. STA. 22+16.3	15.78
		LT. STA. 22+61.8	23.56
		RT. STA. 22+63.9	16.44
LT. STA. 23+37.0	TO	LT. STA. 25+00.0	90.89
LT. STA. 25+00.0	TO	LT. STA. 25+30.0	16.56
		LT. STA. 25+46.8	23.00
		LT. STA. 26+17.7	24.11
		LT. STA. 26+91.7	20.22
		LT. STA. 27+79.5	21.33
		RT. STA. 27+91.7	14.67
		RT. STA. 28+51.1	16.00
		LT. STA. 28+63.2	21.56
		RT. STA. 29+15.5	20.78
SUBTOTAL		1,011.03	
TOTAL		1,012	

LOCATION	TEMPORARY RAMP SQ YD
STA. 10+35.00	23.70
STA. 26+25.00	23.70
STA. 29+50.00	28.20
SUBTOTAL 75.60	
TOTAL 76	

LOCATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL CU YD	SUB-BASE GRANULAR MATERIAL, TYPE B CU YD
STA. 14+20 TO STA. 16+40	130.00	130.00
STA. 10+35 TO STA. 23+40	309.00	309.00
SUBTOTAL 439.00		439.00
TOTAL 439		439

LOCATION	TRAFFIC CONTROL AND PROTECTION L SUM
ENTIRE PROJECT	1
TOTAL	1

LOCATION	INLETS TO BE ADJUSTED EACH
STA. 16+75.50	1.00
TOTAL	1

LOCATION	COMBINATION CURB AND GUTTER REMOVAL FOOT
STA. 10+35.00 TO STA. 15+00.00 LT	465.00
STA. 10+35.00 TO STA. 15+00.00 RT	465.00
STA. 15+00.00 TO STA. 20+00.00 LT	500.00
STA. 15+00.00 TO STA. 20+00.00 RT	500.00
STA. 20+00.00 TO STA. 25+00.00 LT	500.00
STA. 20+00.00 TO STA. 25+00.00 RT	500.00
STA. 25+00.00 TO STA. 29+60.00 LT	460.00
STA. 25+00.00 TO STA. 26+05.00 RT	121.00
STA. 26+45.00 TO STA. 29+65.00 RT	338.00
SUBTOTAL 3,849.00	
TOTAL 3,849	

LOCATION	PROTECTIVE COAT SQ YD
STA. 10+35.00 TO STA. 15+00.00 LT	103.3
STA. 10+35.00 TO STA. 15+00.00 RT	103.3
STA. 15+00.00 TO STA. 20+00.00 LT	111.1
STA. 15+00.00 TO STA. 20+00.00 RT	111.1
STA. 20+00.00 TO STA. 25+00.00 LT	111.1
STA. 20+00.00 TO STA. 25+00.00 RT	111.1
STA. 25+00.00 TO STA. 29+50.00 LT	100.0
STA. 25+00.00 TO STA. 26+05.00 RT	26.9
STA. 26+45.00 TO STA. 29+65.00 RT	75.1
SUBTOTAL 853.0	
TOTAL 853.0	

LOCATION	TEMPORARY EROSION CONTROL SEEDING POUND
STA. 10+35 TO STA. 29+50	60.0
SUBTOTAL 60.0	
TOTAL 60	

LOCATION	INLETS, TYPE G-1 (WITH VANE GRATES) EACH	FLOW DIRECTION
STA. 13+45.00	1.00	RT
STA. 13+45.50	1.00	LT
STA. 16+73.00	1.00	LT
STA. 21+62.50	1.00	RT
STA. 21+62.50	1.00	LT
TOTAL 5		

LOCATION	PORTLAND CEMENT CONCRETE BASE COURSE 7" SQ YD
LT. STA. 23+40 TO LT. STA. 29+50	105.00
RT. STA. 23+40 TO RT. STA. 29+67	107.00
SUBTOTAL 212.00	
TOTAL 212	

LOCATION	PAVEMENT REMOVAL SQ YD
STA. 10+35 TO STA. 23+40	4,640.00
SUBTOTAL 4,640.00	
TOTAL 4,640	

LOCATION	DRAINAGE STRUCTURE TO BE REMOVED EACH
STA. 13+45.50	1.00
STA. 13+45.50	1.00
STA. 16+73.50	1.00
STA. 21+62.50	1.00
STA. 21+62.50	1.00
SUBTOTAL 5.00	
TOTAL 5	

LOCATION	AGGREGATE BASE COURSE, TYPE B TON
LT. & RT. STA. 10+35 TO LT. & RT. STA. 23+40	230.0
SUBTOTAL 230.0	
TOTAL 230	

LOCATION	MOBILIZATION L. SUM
ENTIRE PROJECT	1
SUBTOTAL 1	
TOTAL 1	

LOCATION	CONSTRUCTION LAYOUT L. SUM
ENTIRE PROJECT	1
SUBTOTAL 1	
TOTAL 1	

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

MULLER ROAD IMPROVEMENTS SCHEDULE OF QUANTITIES

SCALE: AS SHOWN
DATE 11-14-07

DRAWN BY: DLC
CHECKED BY: KMC

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS 7660	05-00104-00-RS	TAZEWELL	36	6
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

PAVING SCHEDULE		BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	LEVELING BINDER (MACHINE METHOD), N50	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9"	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6"	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8"	BITUMINOUS DRIVEWAY PAVEMENT 8"	INCIDENTAL HOT-MIX ASPHALT SURFACING
LOCATION		TON	TON	TON	TON	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	TON
STA. 10+35	STA. 23+40					4,640.00					
STA. 23+40	STA. 29+60	0.93	4.63		281.50		2,360.00				
STA. 27+50	STA. 29+60			5.50							
	RT. STA. 11+00.1								58.11		
	LT. STA. 12+39.6								10.78		
	RT. STA. 12+40.3								38.22		
	LT. STA. 13+02.9								22.89		
	RT. STA. 13+05.6								37.56	25.22	
	RT. STA. 13+65.9								29.78		
	LT. STA. 13+94.3								20.22		
	LT. STA. 14+76.6								22.11		
	RT. STA. 15+24.9								20.33		
	LT. STA. 15+36.3								20.33		
	LT. STA. 15+90.9							13.11			
	RT. STA. 16+41.5								24.44		
	LT. STA. 16+42.7									35.00	
	LT. STA. 16+80.0									24.68	
	RT. STA. 17+00.7								20.78		
	LT. STA. 17+17.5									32.11	
	LT. STA. 17+89.4									16.00	
	LT. STA. 18+35.0								20.33		
	RT. STA. 18+61.6									27.78	
	RT. STA. 18+86.4								17.33		
	LT. STA. 18+88.0								26.22		
LT. STA. 19+29.7	LT. STA. 19+73.2								44.33		
	RT. STA. 19+65.7								28.11		
LT. STA. 19+90	LT. STA. 21+20							77.78			
	RT. STA. 20+24.9								21.22		
	LT. STA. 21+36.4								21.22		
	RT. STA. 21+36.4								18.11		
	RT. STA. 22+16.3								18.11		
	LT. STA. 22+61.8								27.56		
	RT. STA. 22+63.9								18.22		
LT. STA. 23+37	LT. STA. 23+67							15.33			
	LT. STA. 23+86.0								22.11		
LT. STA. 24+04	LT. STA. 24+49							22.44			
	LT. STA. 24+66.3								22.67		
LT. STA. 24+84	LT. STA. 25+00							7.78			
LT. STA. 25+00	LT. STA. 25+30							14.78			
	LT. STA. 25+46.8								21.89		
	LT. STA. 26+17.7								23.56		
	LT. STA. 26+91.7								21.56		
	LT. STA. 27+79.5								22.11		
	RT. STA. 27+91.7									13.33	
	RT. STA. 28+51.1									16.00	
	LT. STA. 28+63.2									22.11	
	RT. STA. 29+15.5									19.33	
RT. STA. 29+40	RT. STA. 29+65										4.00
SUBTOTAL		0.93	4.63	5.50	281.50	4,640.00	2,360.00	151.22	720.21	231.56	4.00
TOTAL		0.9	5	6	282	4,640	2,360	152	721	232	4

CONVERSION RATES
 ASPHALT: 112 LB/SQ YD IN
 AGGREGATE = 2.05 TON/CU YD
 0.004 TONS = GALLON

APPLICATION RATES - BITUMINOUS MATERIALS (PRIME COAT)
 ON GRANULAR BASE: 0.5 GAL / SQ YD
 ON EXISTING PAVEMENT: 0.05 GAL / SQ YD
 ON COLD MILLED SURFACE: 0.1 GAL / SQ YD
 ON NEW BINDER: 0.03 GAL / SQ YD

PERMANENT PAINT PAVEMENT MARKING SCHEDULE						
LOCATION	PAINT PAVEMENT MARKING - LINE 4"		PAINT PAVEMENT MARKING - LINE 6"	PAINT PAVEMENT MARKING - LINE 8"	PAINT PAVEMENT MARKING - LINE 24"	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS
	YEL. SKIP DASH	DBL. YEL.	WHITE	WHITE	WHITE	WHITE
	FT	FT	FT	FT	FT	SQ FT
STA. 10+18.50			48.0			8.8
STA. 10+24.50			35.0			8.8
STA. 10+29.50					14.0	
STA. 10+30.00	CL	TO	443.0			
STA. 28+00.00	CL	TO	360.0			
STA. 28+50.00	RT	TO		130.0		
						8.8
						8.8
						8.8
						8.8
					38.0	
SUBTOTAL		443.0	360.0	83.0	130.0	52.0
TOTAL		803		83	130	36

PIPE UNDERDRAIN 4"		
LOCATION		FOOT
LT. STA. 13+45	TO	LT. STA. 16+40
		295
TOTAL		295

INLET FILTERS EACH		
LOCATION		
STA. 10+18.00	RT	1
STA. 10+28.00	LT	1
STA. 13+45.00	RT	1
STA. 13+45.00	LT	1
STA. 16+75.00	RT	1
STA. 16+75.00	LT	1
STA. 21+60.00	RT	1
STA. 21+60.00	LT	1
TOTAL		8

TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH	
LOCATION	CU YD
ENTIRE PROJECT	70.0
SUBTOTAL	70.0
TOTAL	70

AGGREGATE FOR TEMPORARY ACCESS	
LOCATION	TON
ENTIRE PROJECT	20.0
SUBTOTAL	20.0
TOTAL	20

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12			
LOCATION			FOOT
STA. 10+35.00	TO	STA. 13+39.00	LT
STA. 10+35.00	TO	STA. 13+40.00	RT
STA. 13+52.00	TO	STA. 15+00.00	LT
STA. 13+53.00	TO	STA. 15+00.00	RT
STA. 15+00.00	TO	STA. 16+67.00	LT
STA. 15+00.00	TO	STA. 16+69.00	RT
STA. 16+80.00	TO	STA. 20+00.00	LT
STA. 16+69.00	TO	STA. 20+00.00	RT
STA. 20+00.00	TO	STA. 21+56.00	LT
STA. 20+00.00	TO	STA. 21+56.00	RT
STA. 21+69.00	TO	STA. 25+00.00	LT
STA. 21+69.00	TO	STA. 25+00.00	RT
STA. 25+00.00	TO	STA. 29+60.00	LT
STA. 25+00.00	TO	STA. 26+05.00	RT
STA. 26+45.00	TO	STA. 29+65.00	RT
SUBTOTAL			3,777.00
TOTAL			3,777

REVISIONS	
NAME	DATE

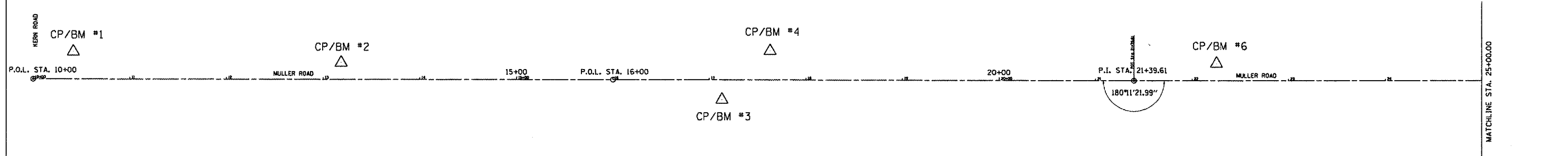
ILLINOIS DEPARTMENT OF TRANSPORTATION

**MULLER ROAD IMPROVEMENTS
 SCHEDULE OF QUANTITIES**

SCALE: AS SHOWN
 DATE: 11-14-07

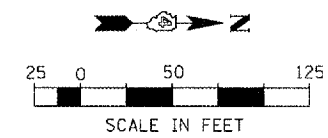
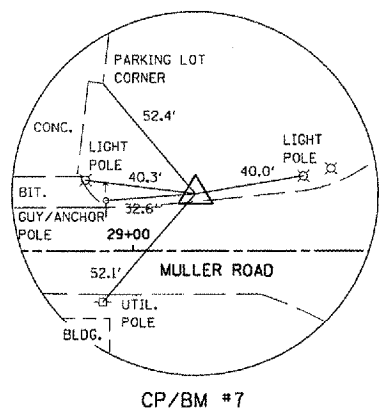
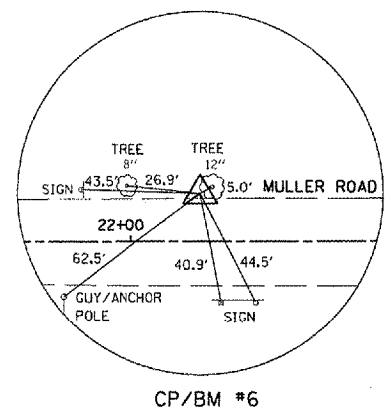
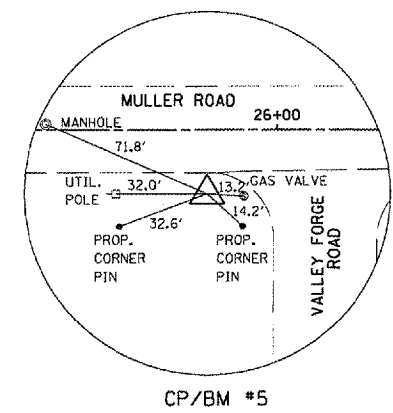
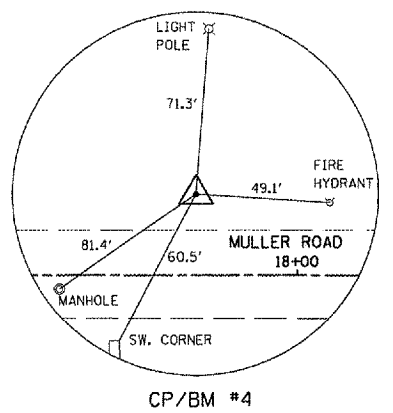
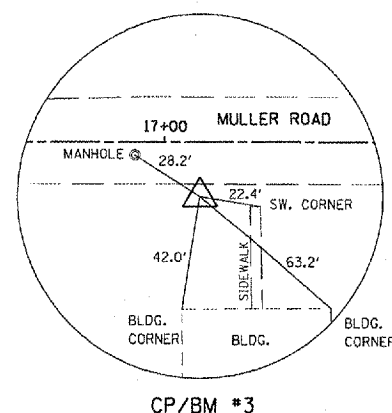
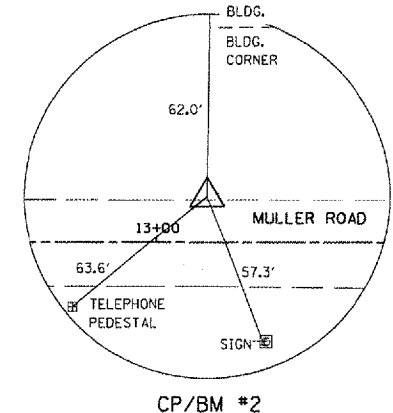
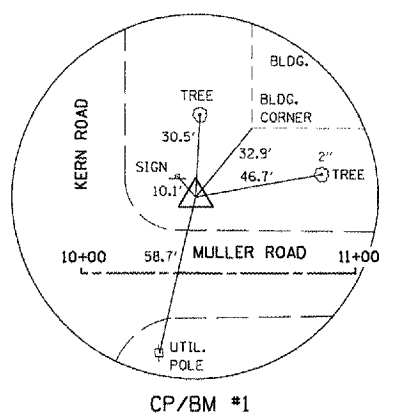
DRAWN BY: DLC
 CHECKED BY: KMC

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS 7660	05-00104-00-RS	TAZEWELL	36	7
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



CONTROL POINTS/BENCHMARKS						
CONTROL POINT/BENCHMARK	DESCRIPTION	NORTHING	EASTING	ELEVATION	STATION	OFFSET
1	1/2" IRON ROD	5000.00	5000.00	737.65	10+41.45	28.40' LT.
2	CHISELED "X" IN DRIVE	5277.01	5011.59	741.92	13+18.52	17.27' LT.
3	1/2" IRON ROD	5671.31	5049.94	748.89	17+12.88	12.88' RT.
4	1/2" IRON ROD	5721.30	4999.81	750.16	17+62.82	28.80' LT.
5	1/2" IRON ROD	6540.80	5053.01	770.89	25+82.31	23.53' RT.
6	RAILROAD SPIKE	6183.64	5012.40	781.81	22+25.21	17.68' LT.
7	1/2" IRON ROD W/CAP	6881.22	5007.88	773.54	29+22.79	21.04' LT.

ALIGNMENT COORDINATE TABLE		
DESCRIPTION	NORTHING	EASTING
P.O.L. STA. 10+00	4958.46	5028.33
P.O.L. STA. 16+00	5558.46	5029.32
P.I. STA. 21+39.61	6098.07	5030.22
P.O.L. STA. 26+00	6558.46	5029.46
P.O.L. STA. 30+45.83	7004.29	5028.72



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

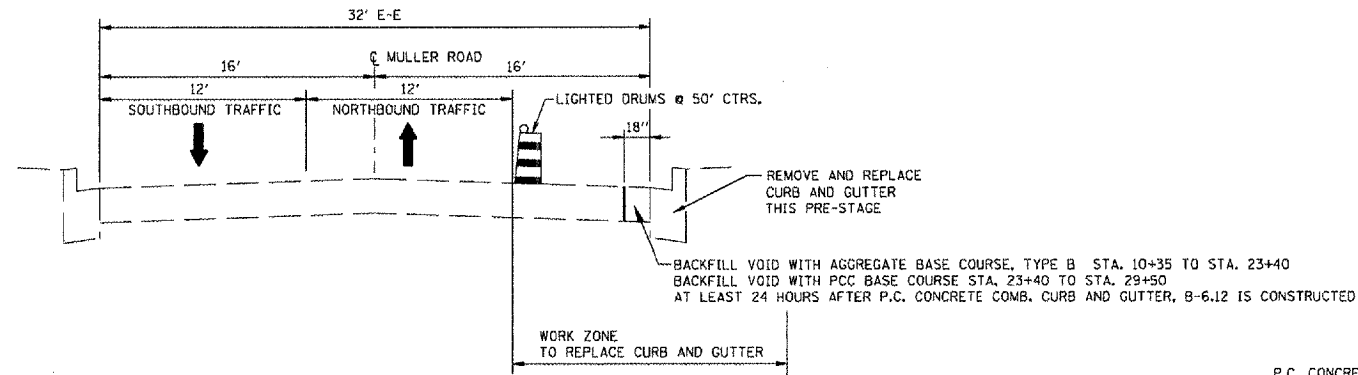
**MULLER ROAD IMPROVEMENTS
ALIGNMENT, TIES,
BENCHMARKS AND LINE DIAGRAM**

SCALE: AS SHOWN
DATE: 11-14-07

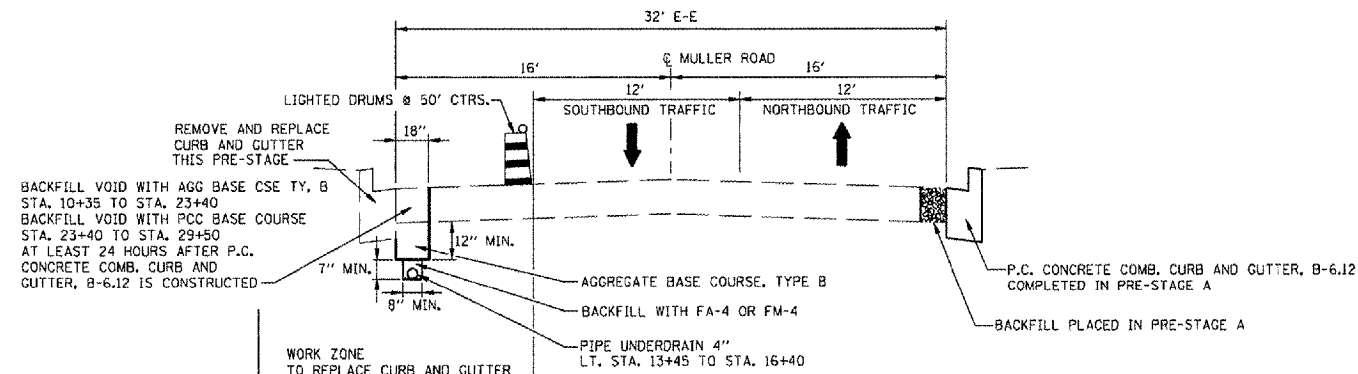
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CHECKED BY: KMC

PLOT DATE: 11/14/07
FILE NAME: 89467.DWG
PLOT SCALE: 1/8"=1'-0"
USER: KMC

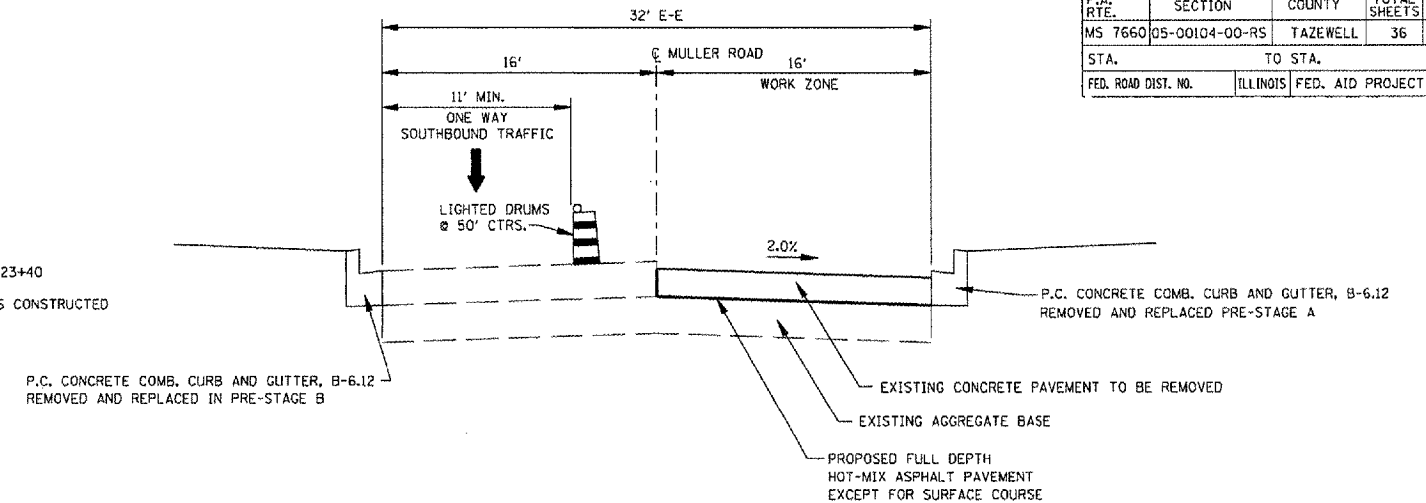
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS 7660	05-00104-00-RS	TAZEWELL	36	8
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



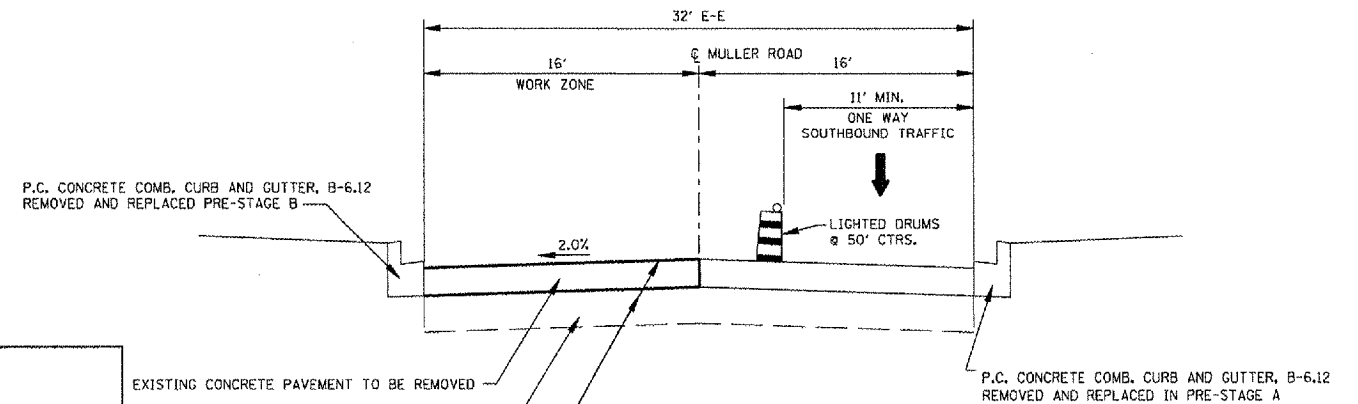
MAINTENANCE OF TRAFFIC - PRE-STAGE A TYPICAL SECTION
NOT TO SCALE



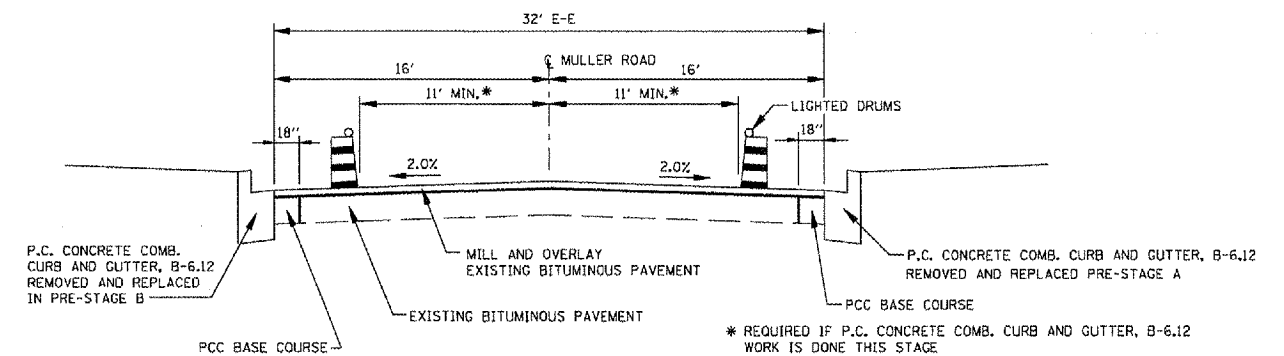
MAINTENANCE OF TRAFFIC - PRE-STAGE B TYPICAL SECTION
NOT TO SCALE



MAINTENANCE OF TRAFFIC - STAGE 1 TYPICAL SECTION
STA. 10+35 TO STA. 23+40
NOT TO SCALE



MAINTENANCE OF TRAFFIC - STAGE 2 TYPICAL SECTION
STA. 10+35 TO STA. 23+40
NOT TO SCALE



MAINTENANCE OF TRAFFIC - STAGE 3 TYPICAL SECTION
STA. 23+40 TO STA. 29+60
NOT TO SCALE

PRE-STAGE A

CONSTRUCTION
REMOVE AND REPLACE CURB AND GUTTER, INLETS AND ENTRANCES ON RIGHT SIDE PRE-STAGE A STA. 10+35 TO STA. 23+40

GAP AND STAGE CONSTRUCT DRIVEWAYS AS SHOWN ON PLANS TO MAINTAIN ACCESS

BACKFILL ADJACENT TO NEW CURB AND GUTTER WITH CA-6 AGGREGATE STA. 10+35 TO STA. 23+40

BACKFILL ADJACENT TO NEW CURB AND GUTTER WITH PCC BASE COURSE STA. 23+40 TO STA. 29+60

ALL WORK IN PRESTAGE A TO BE DONE PRIOR TO WORK IN PRESTAGE B

STAGE 1 (RIGHT SIDE)

CONSTRUCTION
REMOVE EXISTING CONCRETE PAVEMENT RIGHT SIDE STA. 10+35 TO STA. 23+40 - STAGE 1A EXCEPT FOR THE PAVEMENT AT THE DRIVEWAYS MARKED "GAP IN CONSTRUCTION"

CONSTRUCT AGGREGATE BASE COURSE AS REQUIRED

CONSTRUCT THE HMA FULL DEPTH PAVEMENT EXCEPT FOR THE FINAL SURFACE COURSE (2") STA. 10+35 TO STA. 23+40

COMPLETE THE REMOVAL AND CONSTRUCTION OF GAPPED AREAS RIGHT SIDE - STAGE 1B

ALL WORK IN STAGE 1 TO BE DONE PRIOR TO WORK IN STAGE 2

TRAFFIC

PROVIDE TWO LANES, LANE WIDTH 12' DRUMS/BARRICADES @ 50' CTRS.

HWY STD 701501
HWY STD 701501 ON KERN RD AS REQUIRED.

TRAFFIC

PROVIDE ONE LANE, ONE WAY TRAFFIC SOUTHBOUND MINIMUM LANE WIDTH 11' STA. 10+35 TO STA. 23+40

PROVIDE TWO LANE, TWO WAY TRAFFIC FLAGMEN AS REQUIRED STA. 23+40 TO STA. 29+60

HWY STD BLR 17, 701501
HWY. STD. 701701 ON BUSINESS 24 AS REQUIRED.

PRE-STAGE B

CONSTRUCTION
REMOVE AND REPLACE CURB AND GUTTER, INLETS AND ENTRANCES ON LEFT SIDE PRE-STAGE B STA. 10+35 TO STA. 23+40

GAP AND STAGE CONSTRUCT DRIVEWAYS AS SHOWN ON PLANS TO MAINTAIN ACCESS

CONSTRUCT UNDERDRAIN FROM STA. 13+45 TO STA. 16+40

BACKFILL ADJACENT TO NEW CURB AND GUTTER WITH CA-6 AGGREGATE STA. 10+35 TO STA. 23+40

BACKFILL ADJACENT TO NEW CURB AND GUTTER WITH PCC BASE COURSE STA. 23+40 TO STA. 29+60

STAGE 2 (LEFT SIDE)

CONSTRUCTION
REMOVE EXISTING CONCRETE PAVEMENT LEFT SIDE STA. 10+35 TO STA. 23+40 - STAGE 2A EXCEPT FOR THE PAVEMENT AT THE DRIVEWAYS MARKED "GAP IN CONSTRUCTION"

CONSTRUCT AGGREGATE BASE COURSE AS REQUIRED

CONSTRUCT THE HMA FULL DEPTH PAVEMENT EXCEPT FOR THE FINAL SURFACE COURSE (2") STA. 10+35 TO STA. 23+40

COMPLETE THE REMOVAL AND CONSTRUCTION OF GAPPED AREAS LEFT SIDE - STAGE 2B

STAGE 3

CONSTRUCTION
2" AND VARIABLE DEPTH HMA SURFACE REMOVAL STA. 23+40 TO STA. 29+35

FINAL HMA SURFACE COURSE STA. 10+35 TO STA. 29+75

TRAFFIC

PROVIDE TWO LANES, LANE WIDTH 12' DRUMS/BARRICADES @ 50' CTRS.

HWY STD 701501
HWY STD 701501 ON KERN RD AS REQUIRED.

TRAFFIC

PROVIDE ONE LANE, ONE WAY TRAFFIC SOUTHBOUND MINIMUM LANE WIDTH 11' STA. 10+35 TO STA. 23+40

PROVIDE TWO LANE, TWO WAY TRAFFIC FLAGMEN AS REQUIRED STA. 23+40 TO STA. 29+60

HWY STD BLR 17, 701501
HWY. STD. 701701 ON BUSINESS 24 AS REQUIRED.

TRAFFIC

2 WAY TRAFFIC FLAGMEN AS REQUIRED

HWY. STD. 701501

HWY. STD. 701701 ON BUSINESS RTE. 24 AS REQUIRED.

REVISIONS	
NAME	DATE

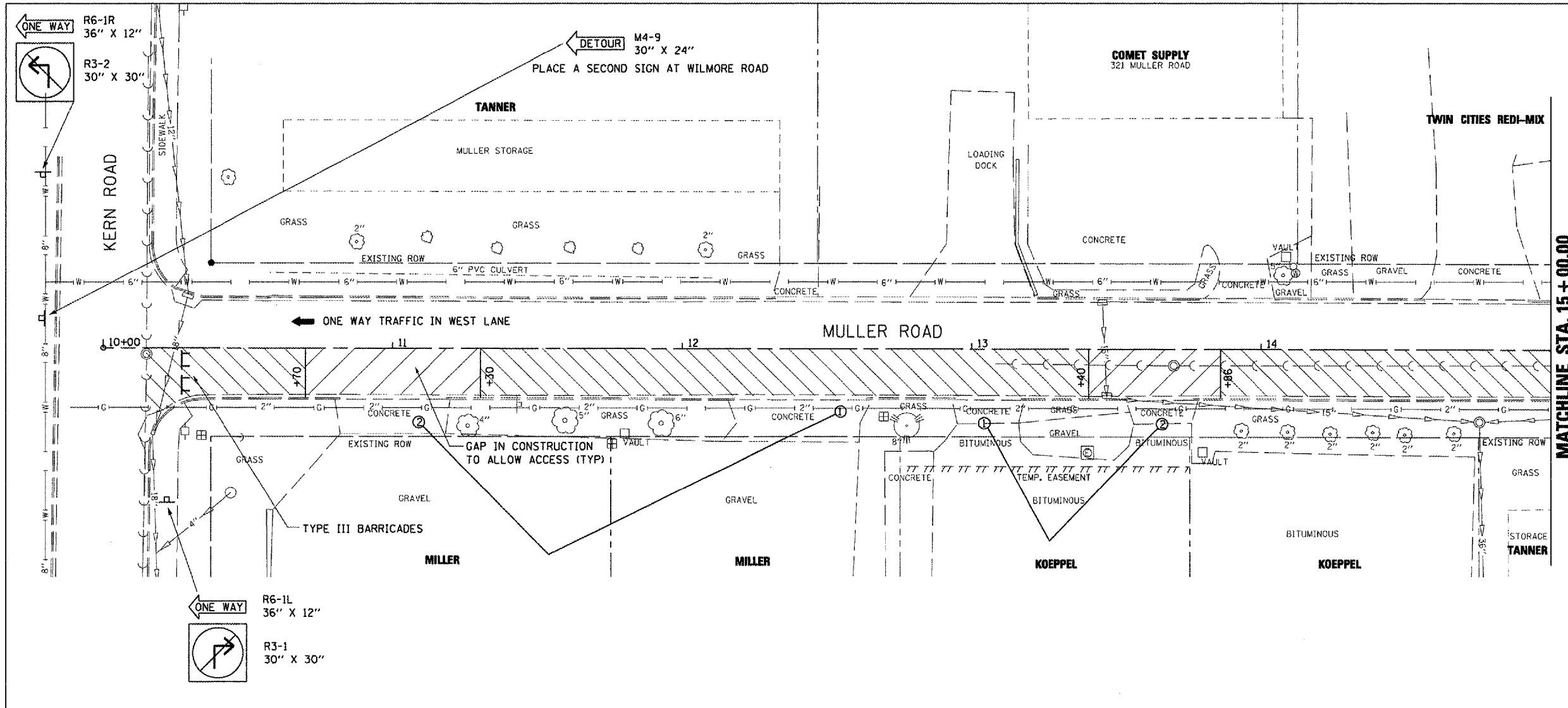
ILLINOIS DEPARTMENT OF TRANSPORTATION
MULLER ROAD IMPROVEMENTS
MAINTENANCE OF TRAFFIC
TYPICAL SECTIONS AND
CONSTRUCTION/TRAFFIC NOTES

SCALE: AS SHOWN
DATE 11-14-07

DRAWN BY DLG
CHECKED BY KMC

PLOT DATE: 11/14/07
FILE NAME: 11-14-07-08
USER: KMC

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS 7660	05-00104-00-RS	TAZEWELL	36	9
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

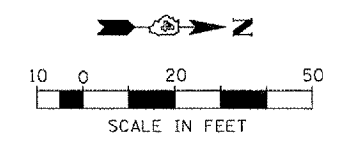
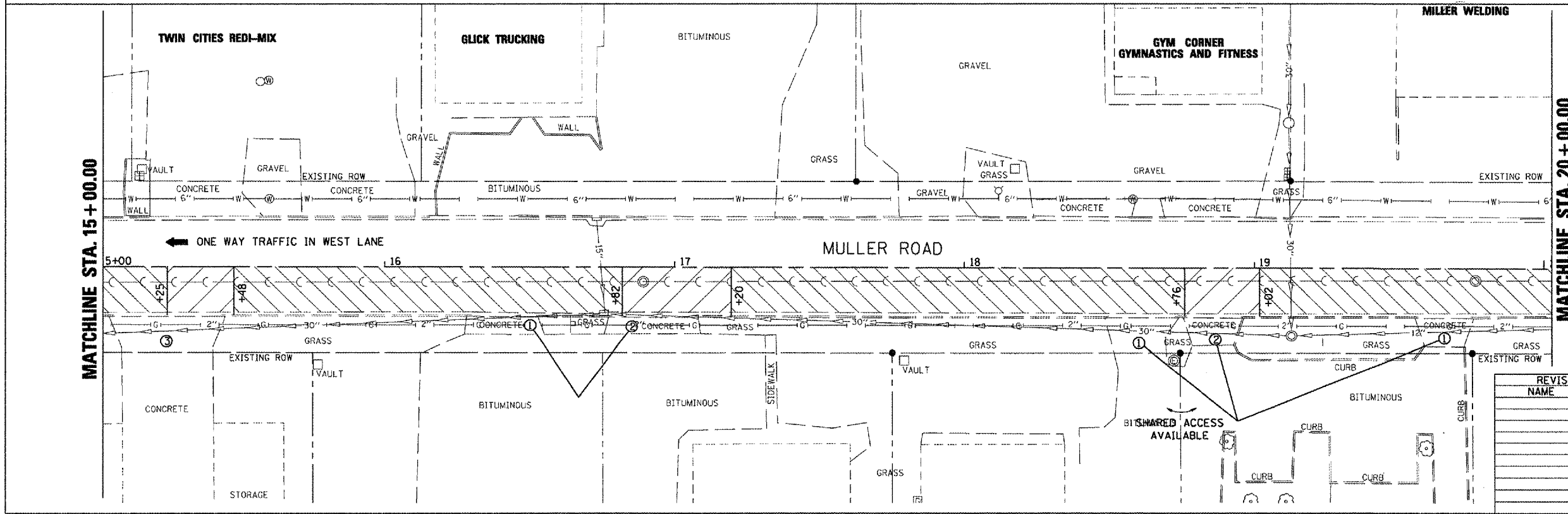


- PRE-STAGE A WORK**
- ① ② DRIVEWAYS CANNOT BE CLOSED CONCURRENTLY- CONSTRUCT ①, REOPEN ①, THEN CONSTRUCT ②
 - ③ DRIVEWAYS TO BE CONSTRUCTED ONE HALF AT A TIME ALLOWING DRIVEWAY USE AT ALL TIMES

- STAGE 1A WORK**
- ACCESS TO REMAIN OPEN DURING STAGE 1A
 - PAVEMENT REMOVAL AND REPLACEMENT PER PLANS IN STAGE 1A

- STAGE 1B WORK**
- PAVEMENT WORK TO BE COMPLETED IN STAGE 1B

MATCHLINE STA. 15 + 00.00



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
MULLER ROAD IMPROVEMENTS
MAINTENANCE OF TRAFFIC
STAGE 1



SCALE: AS SHOWN
 DATE 11-14-07
 DRAWN BY DLC
 CHECKED BY KMC


MULLER - MAINTENANCE OF TRAFFIC STAGE 1 - STA. 10+00 TO STA. 20+00

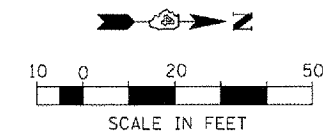
PLOT DATE = 8/16/08
 PLOT SCALE = AS SHOWN
 USER NAME = BUSER

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS 7660	05-00104-00-RS	TAZEWELL	36	10
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

- PRE-STAGE A WORK**
- ① ② DRIVEWAYS CANNOT BE CLOSED CONCURRENTLY- CONSTRUCT ①, REOPEN ①, THEN CONSTRUCT ②
 - ③ DRIVEWAYS TO BE CONSTRUCTED ONE HALF AT A TIME ALLOWING DRIVEWAY USE AT ALL TIMES

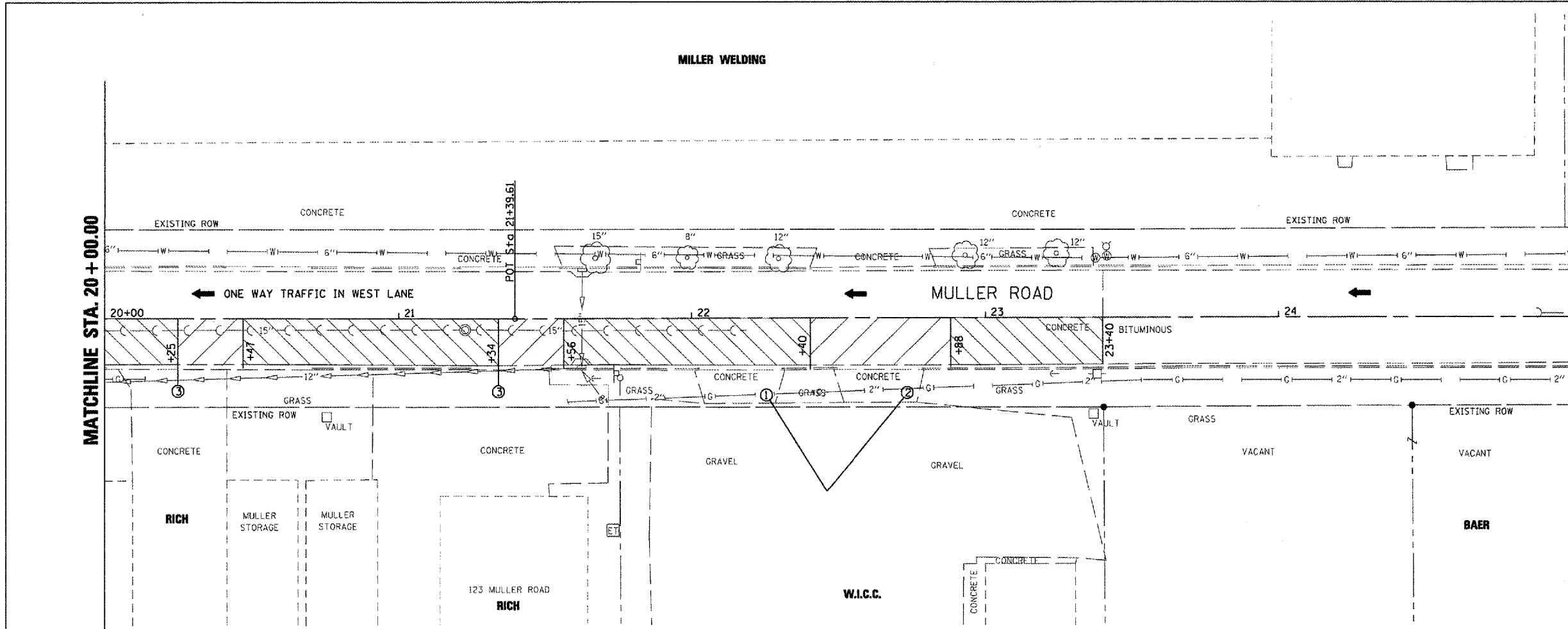
- STAGE 1A WORK**
-  ACCESS TO REMAIN OPEN DURING STAGE 1A
 -  PAVEMENT REMOVAL AND REPLACEMENT PER PLANS IN STAGE 1A

- STAGE 1B WORK**
-  PAVEMENT WORK TO BE COMPLETED IN STAGE 1B



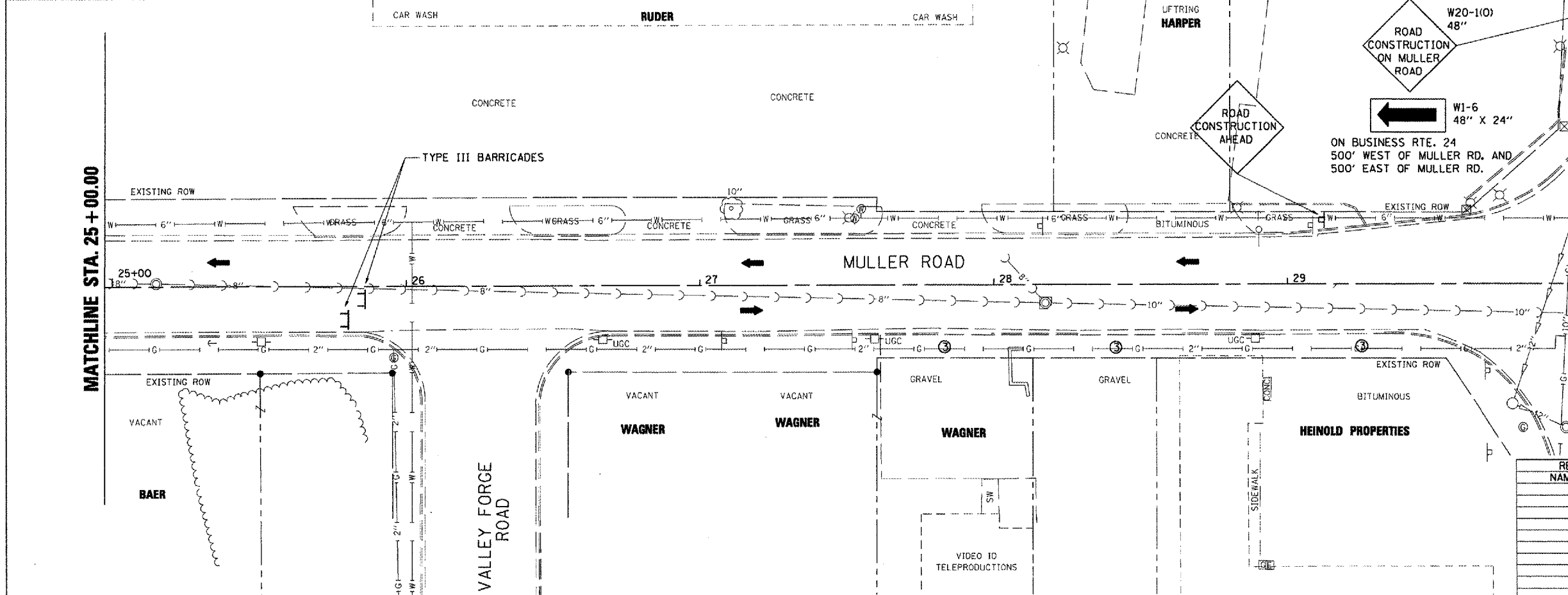
MATCHLINE STA. 20 + 00.00

MATCHLINE STA. 25 + 00.00



MATCHLINE STA. 25 + 00.00

BUSINESS U.S. ROUTE 24



NOTE: SEE STATUS OF UTILITIES TO BE ADJUSTED FOR FURTHER INFORMATION ON UTILITY CONFLICTS.

END DETOUR
M4-80
24" X 18"
PLACE ON WILMORE ROAD
AT BUSINESS RTE. 24

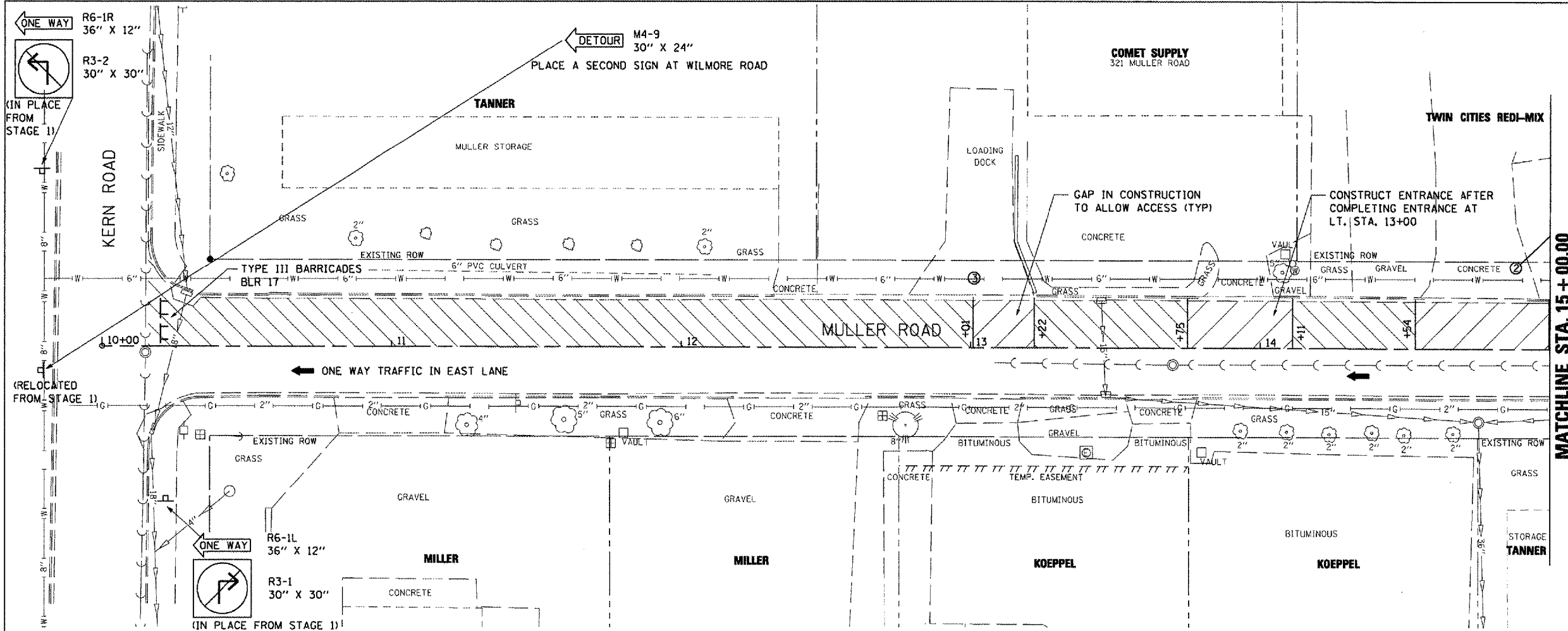
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
MULLER ROAD IMPROVEMENTS
MAINTENANCE OF TRAFFIC
STAGE 1

SCALE: AS SHOWN
DATE 11-14-07
DRAWN BY: DLC
CHECKED BY: KMC

PLOT DATE: # DATES
FILE NAME: # FILE#
USER NAME: # USER#

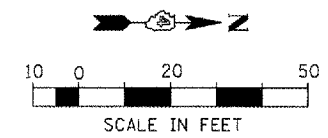
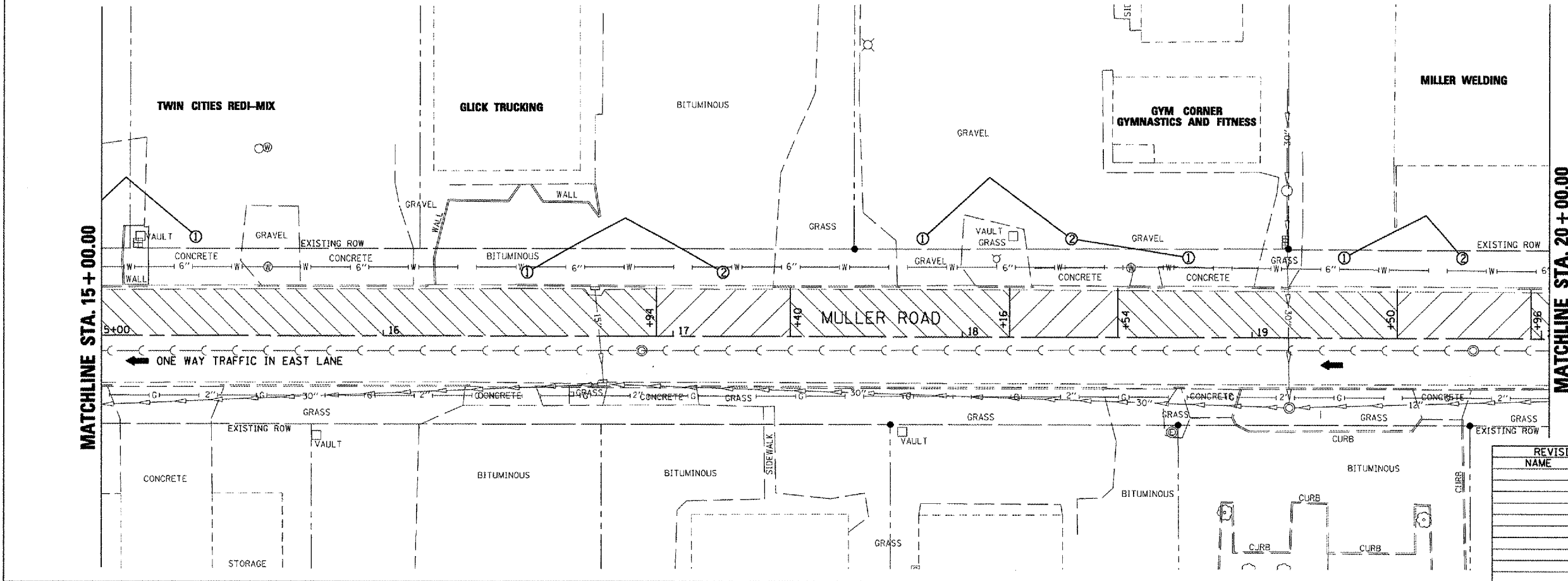
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS 7660	05-00104-00-RS	TAZEWELL	36	11
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



- PRE-STAGE A WORK**
- ① ② DRIVEWAYS CANNOT BE CLOSED CONCURRENTLY- CONSTRUCT ①, REOPEN ①, THEN CONSTRUCT ②
 - ③ DRIVEWAYS TO BE CONSTRUCTED ONE HALF AT A TIME ALLOWING DRIVEWAY USE AT ALL TIMES

- STAGE 1A WORK**
- ACCESS TO REMAIN OPEN DURING STAGE 1A
 - PAVEMENT REMOVAL AND REPLACEMENT PER PLANS IN STAGE 1A

- STAGE 1B WORK**
- PAVEMENT WORK TO BE COMPLETED IN STAGE 1B



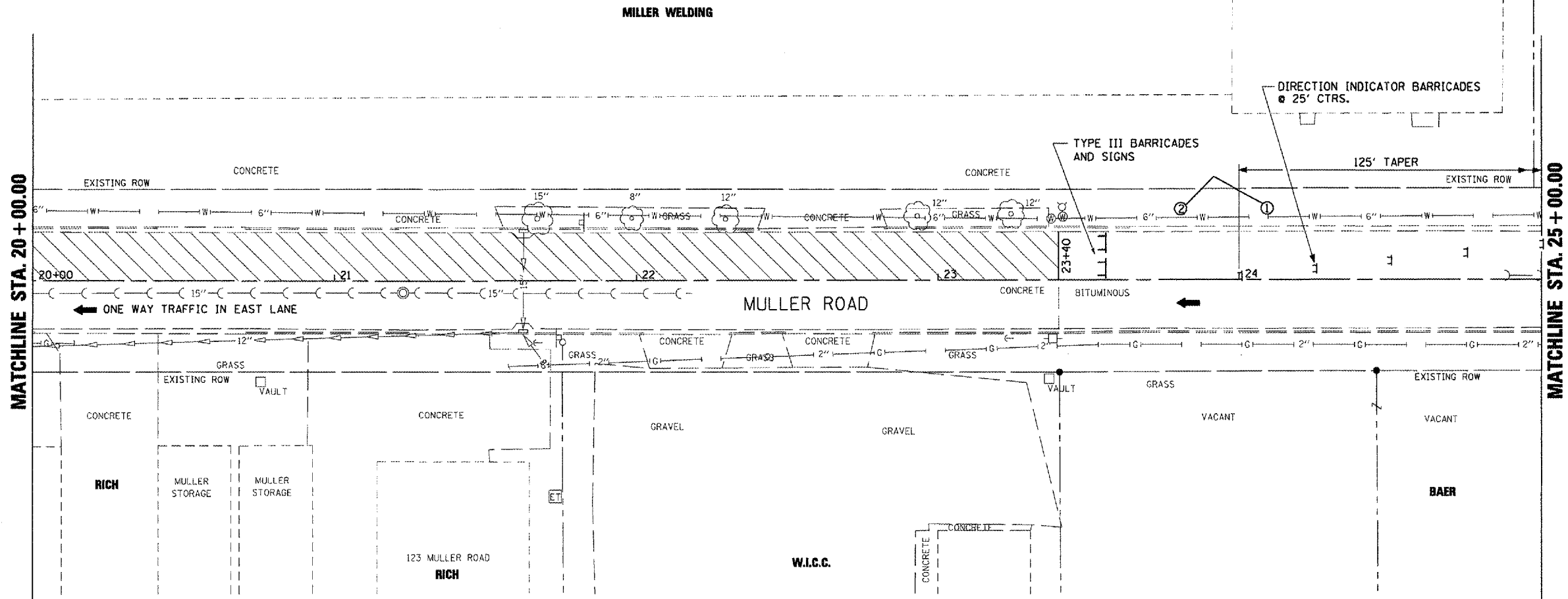
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
MULLER ROAD IMPROVEMENTS
MAINTENANCE OF TRAFFIC
STAGE 2

SCALE: AS SHOWN
 DATE: 11-14-07
 DRAWN BY: DLC
 CHECKED BY: KMC

PLOT DATE = 11/14/07
 FILE NAME = MULLER
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = MUSER

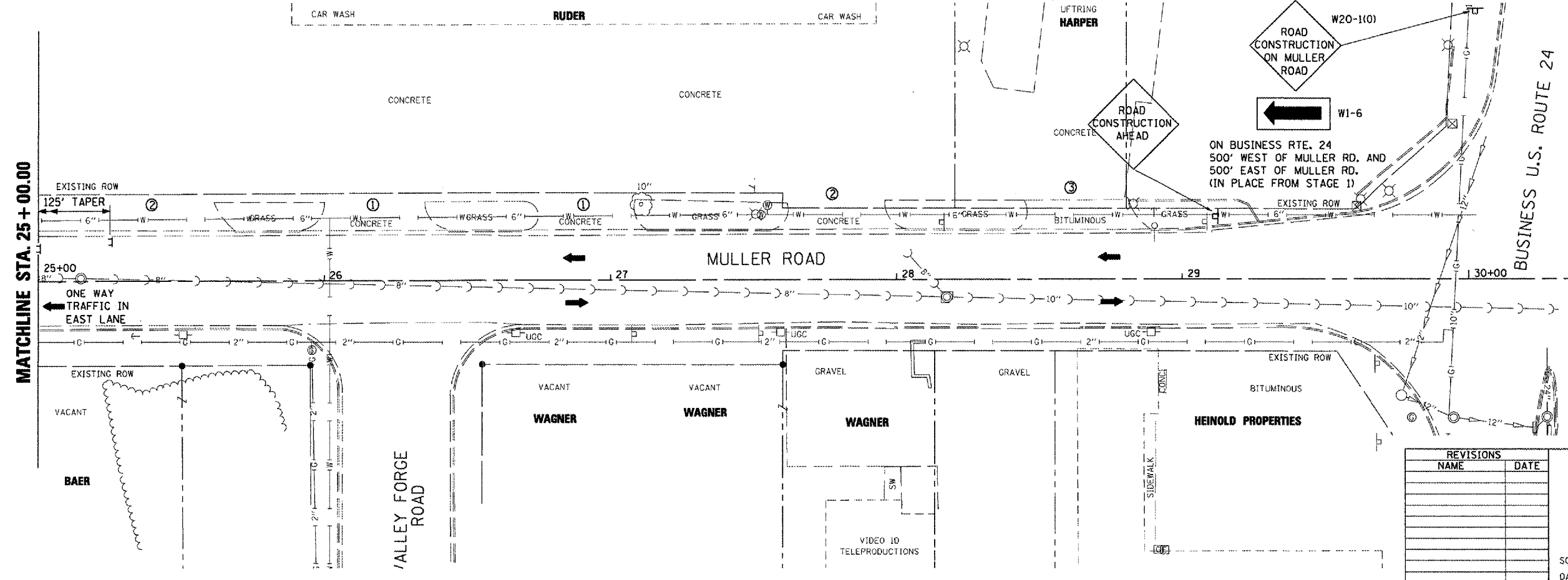
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS 7660	05-00104-00-RS	TAZEWELL	36	12
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



- PRE-STAGE A WORK**
- ① ② DRIVEWAYS CANNOT BE CLOSED CONCURRENTLY- CONSTRUCT ①, REOPEN ①, THEN CONSTRUCT ②
 - ③ DRIVEWAYS TO BE CONSTRUCTED ONE HALF AT A TIME ALLOWING DRIVEWAY USE AT ALL TIMES

- STAGE 1A WORK**
- ACCESS TO REMAIN OPEN DURING STAGE 1A
 - PAVEMENT REMOVAL AND REPLACEMENT PER PLANS IN STAGE 1A

- STAGE 1B WORK**
- PAVEMENT WORK TO BE COMPLETED IN STAGE 1B



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
MULLER ROAD IMPROVEMENTS
MAINTENANCE OF TRAFFIC
STAGE 2

SCALE: AS SHOWN
 DATE 11-14-07
 DRAWN BY DLC
 CHECKED BY KMC

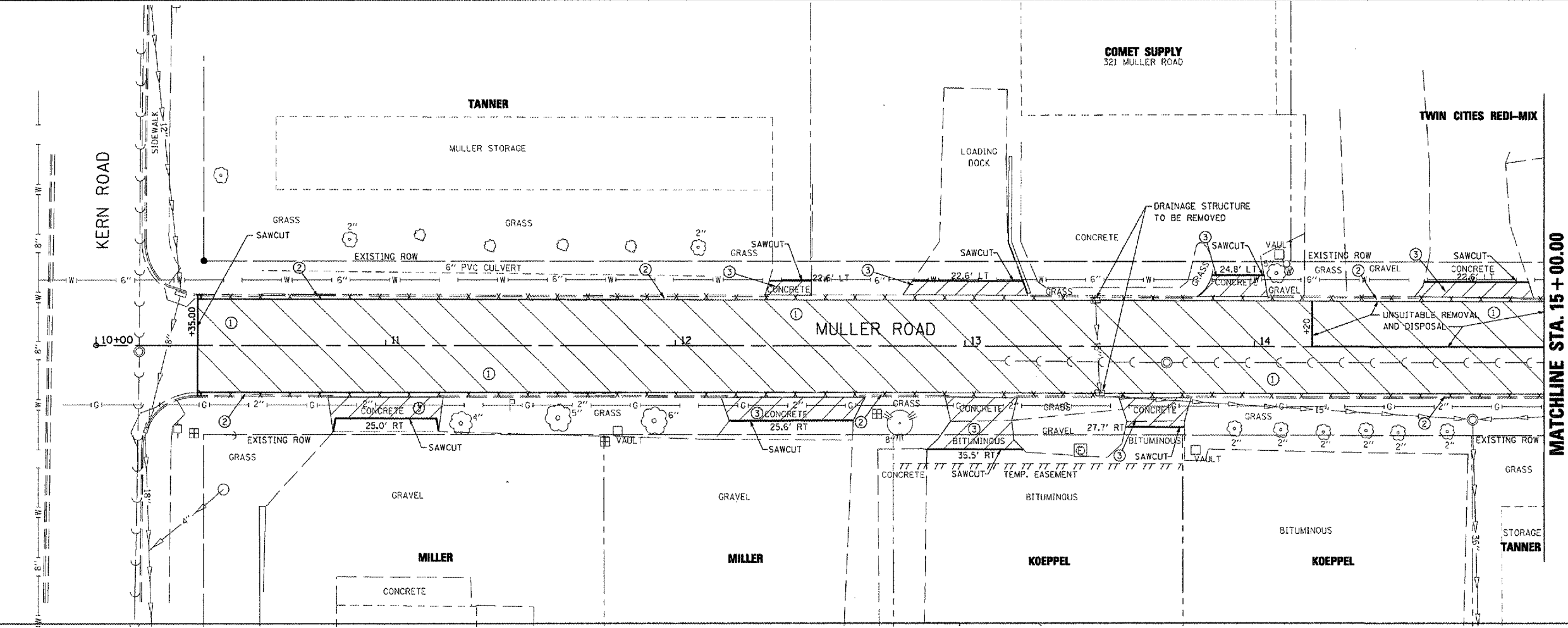
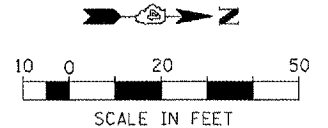
MULLER - MAINTENANCE OF TRAFFIC STAGE 2 - STA. 20+00 TO STA. 29+60

PLOT DATE = 11/14/07
 FILE NAME = 11/14/07
 USER NAME = KMC

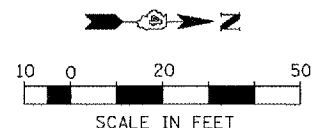
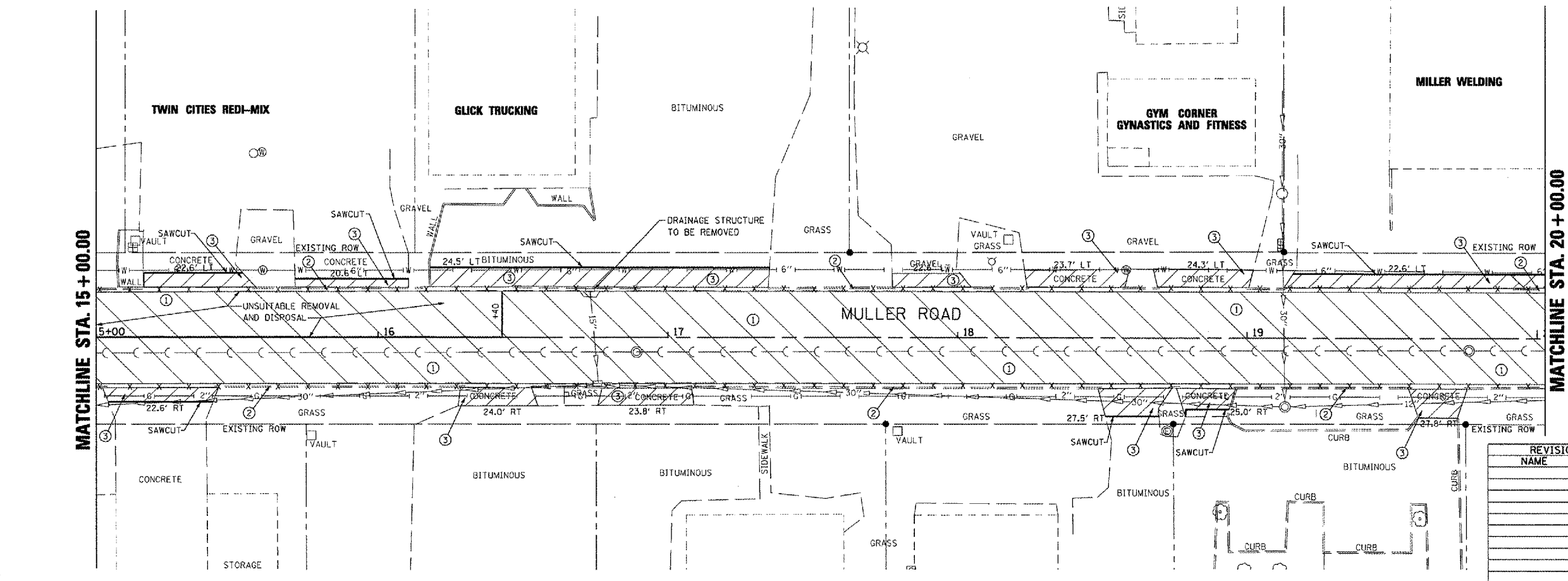
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS 7660	05-00104-00-RS	TAZEWELL	36	13
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

REMOVAL LEGEND

	① PAVEMENT REMOVAL
	② CCC&G REMOVAL
	③ DRIVEWAY PAVEMENT REMOVAL
	④ HMA SURFACE REMOVAL, 2"
	INDICATES SAWCUT NEEDED



NOTE: SEE STATUS OF UTILITIES TO BE ADJUSTED FOR FURTHER INFORMATION ON UTILITY CONFLICTS.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**MULLER ROAD IMPROVEMENTS
REMOVAL PLAN**



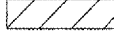


SCALE: AS SHOWN
DATE 11-14-07

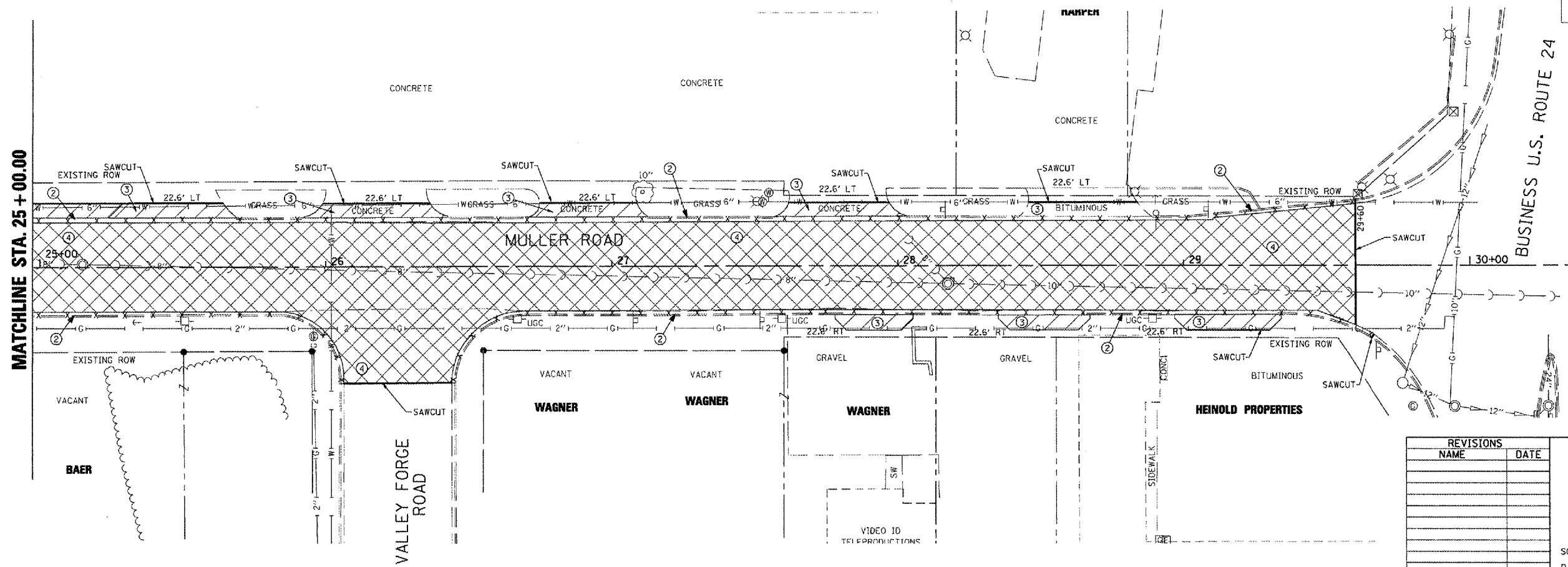
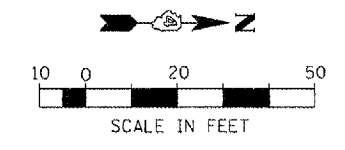
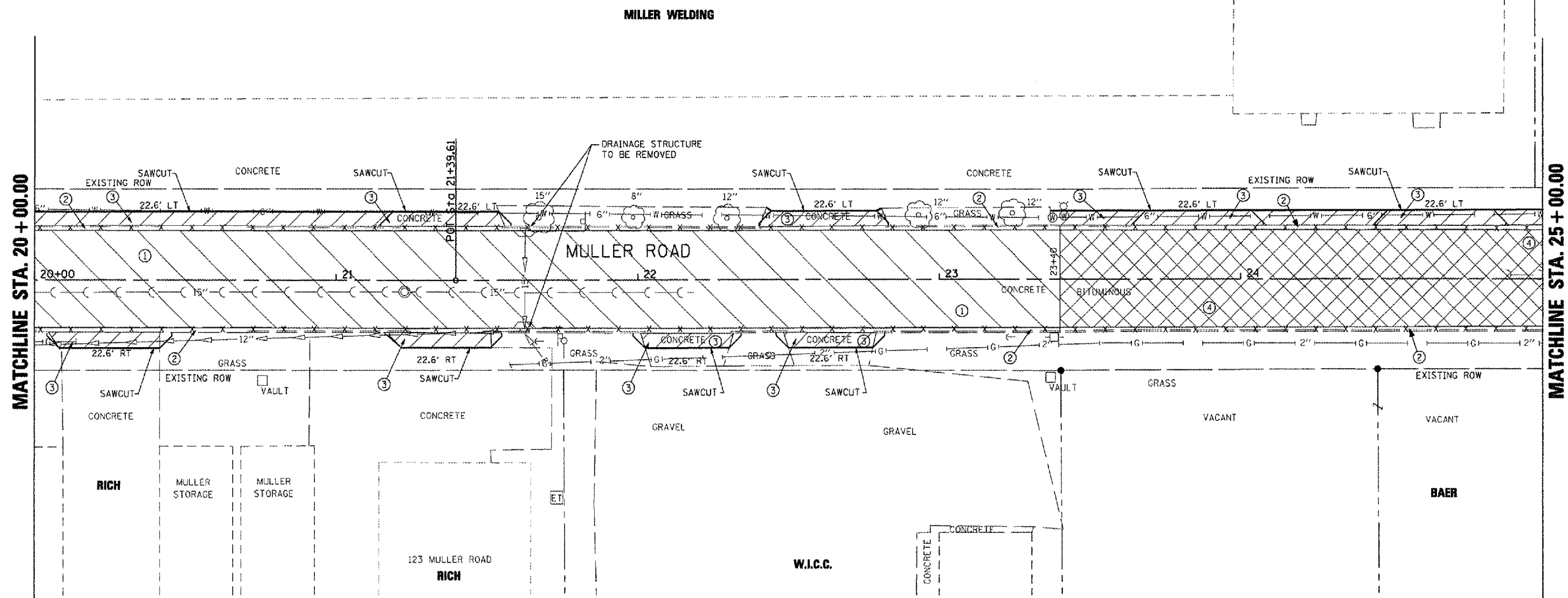
DRAWN BY: DLC
CHECKED BY: KMC

PLOT DATE: # DATES
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PLOT SCALE: # SCALES
USER NAME: # USERS

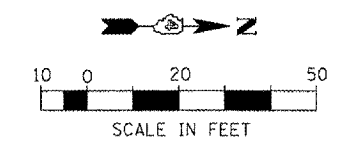
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS 7660	05-00104-00-RS	TAZEWELL	36	14
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

REMOVAL LEGEND

-  ① PAVEMENT REMOVAL
-  ② CCC&G REMOVAL
-  ③ DRIVEWAY PAVEMENT REMOVAL
-  ④ HMA SURFACE REMOVAL, 2"
-  INDICATES SAWCUT NEEDED



NOTE: SEE STATUS OF UTILITIES TO BE ADJUSTED FOR FURTHER INFORMATION ON UTILITY CONFLICTS.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**MULLER ROAD IMPROVEMENTS
REMOVAL PLAN**

SCALE: AS SHOWN
DATE 11-14-07

DRAWN BY: DLC
CHECKED BY: KMC

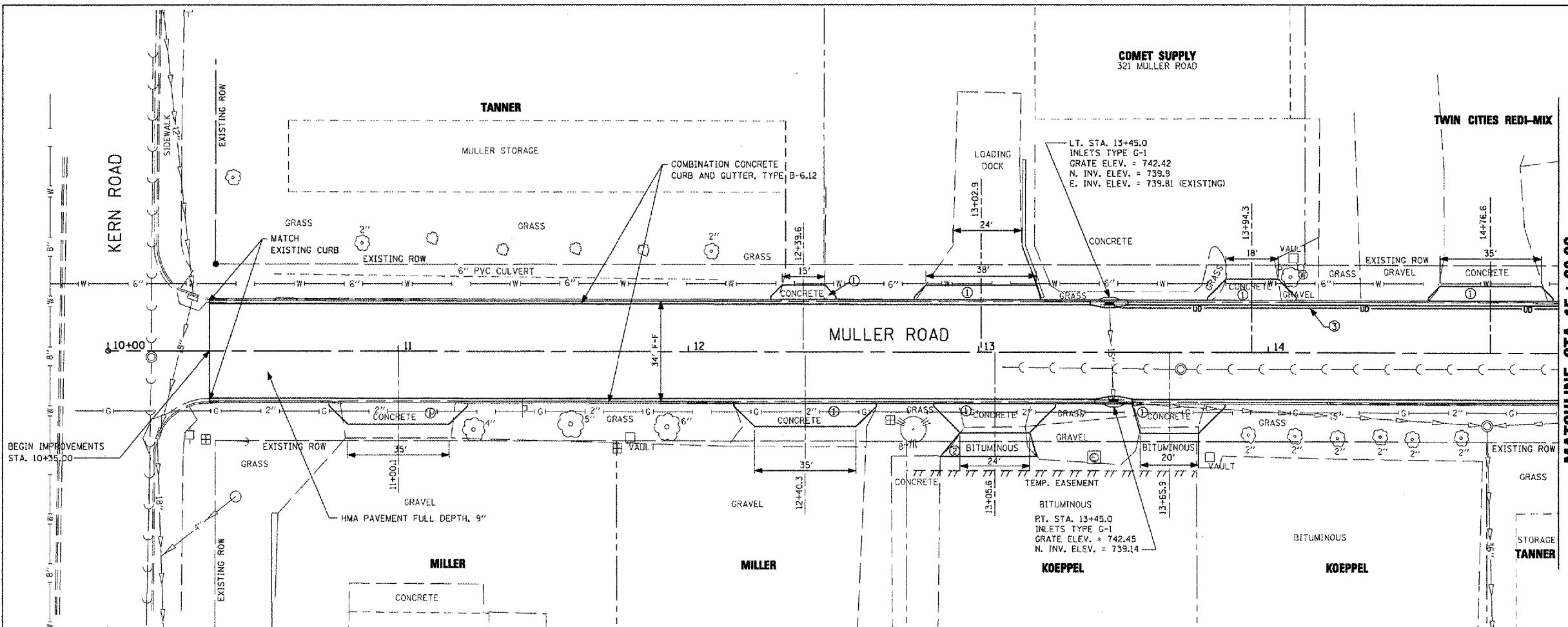
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FILE NAME = 871615
PLOT SCALE = 1/8"=1'-0"
USER NAME = J. ROBERTS

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STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

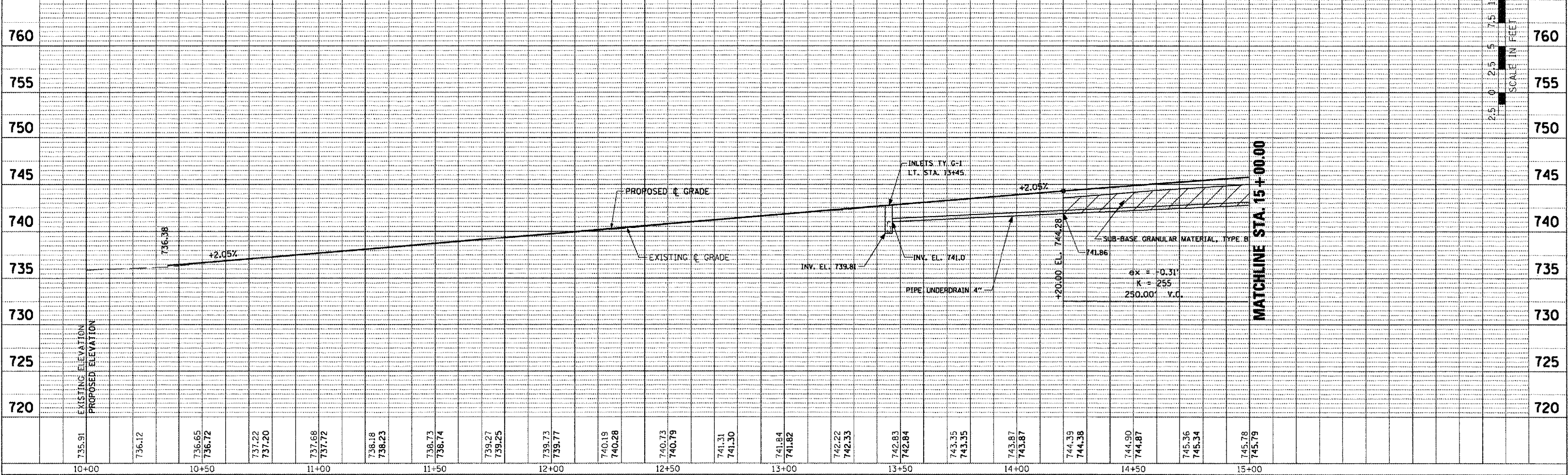
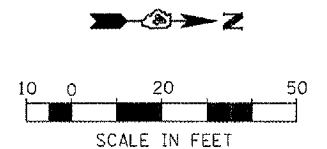
PLAN	DATE	BY
SURVEYED		
ALIGNED		
CHECKED		
RT. OF WAY CHECKED		
NO. OF SHEETS		
NO. OF PAGES		

PROFILE	DATE	BY
SURVEYED		
GRADES CHECKED		
NO. OF SHEETS		
NO. OF PAGES		

PLOT DATE = 04/15/08
 FILE NAME = 01MULLER.dgn
 PLOT SCALE = 1"=40'
 USER NAME = AUBURN



- ① PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8"
- ② BITUMINOUS DRIVEWAY PAVEMENT, 8"
- ③ PIPE UNDERDRAIN 4"



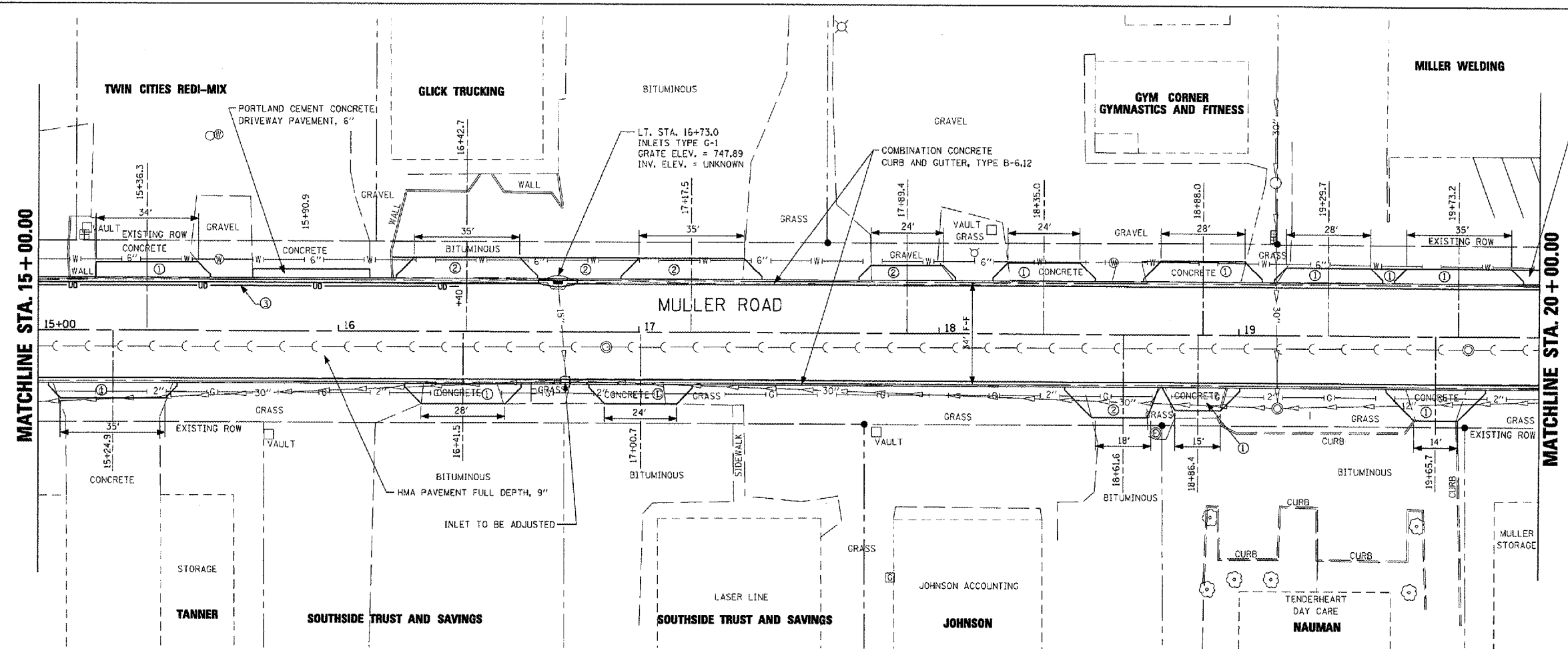
MULLER - ROADWAY PLAN AND PROFILE - STA. 10+00 TO STA. 15+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

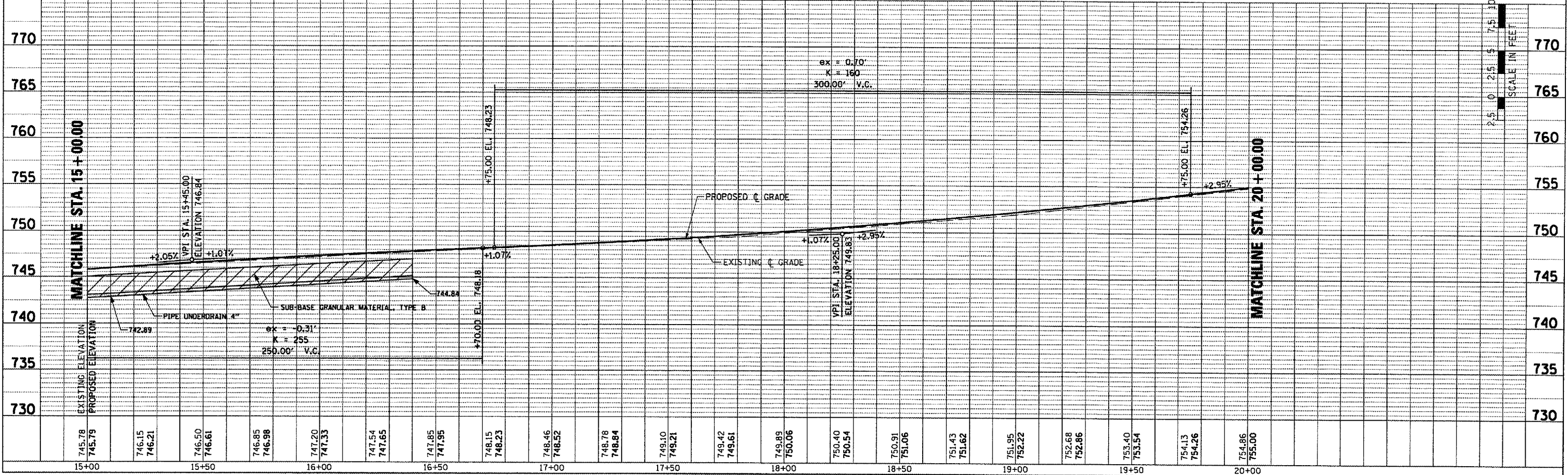
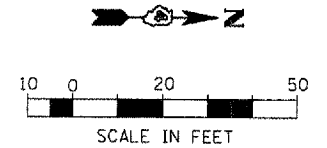
PLAN	SURVEYED	DATE
	BY	
	DATE	
	BY	
	DATE	
	BY	
	DATE	
	BY	
	DATE	

PROFILE	SURVEYED	DATE
	BY	
	DATE	
	BY	
	DATE	
	BY	
	DATE	
	BY	
	DATE	

PLOT DATE = 4/20/08
 FILE NAME = 471.ELE
 PLOT SCALE = 1"=40'
 USER NAME = MULLER



- ① PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6"
- ② BITUMINOUS DRIVEWAY PAVEMENT, 8"
- ③ PIPE UNDERDRAIN 4"



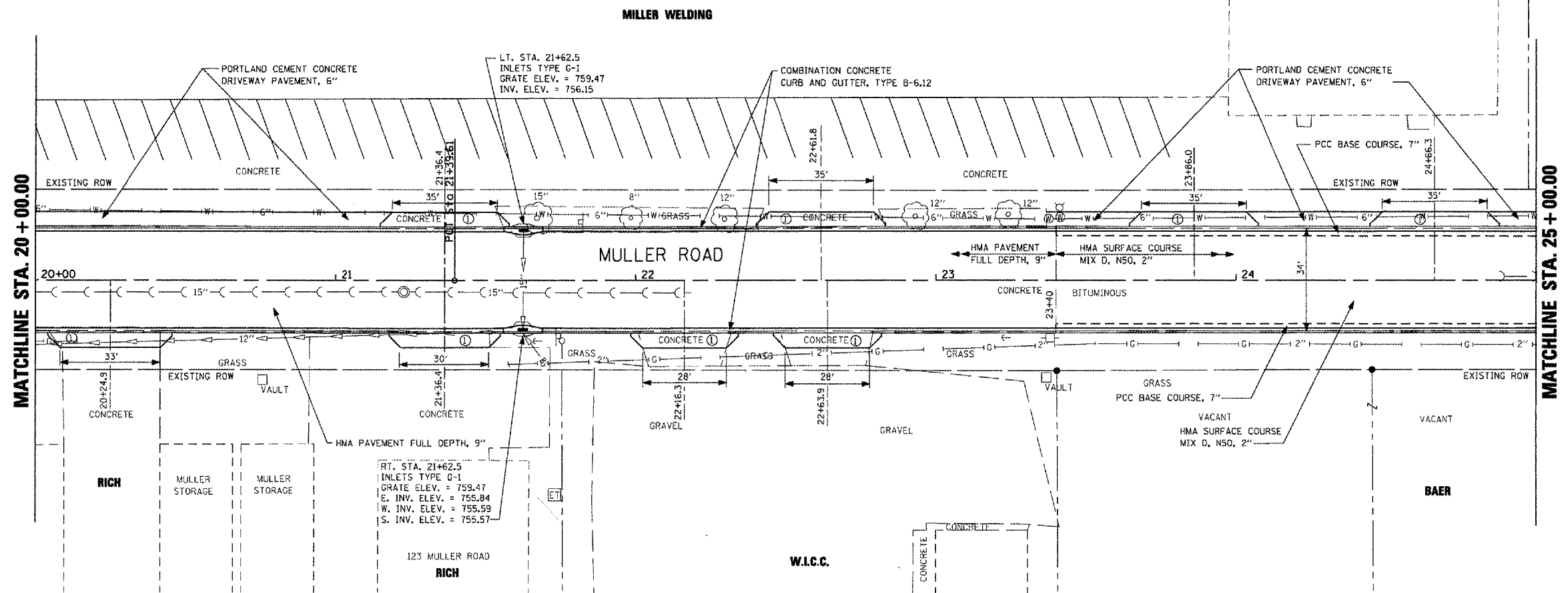
MULLER - ROADWAY PLAN AND PROFILE - STA.15+00 TO STA.20+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS 7660	05-00104-00-RS	TAZEWELL	36	17
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

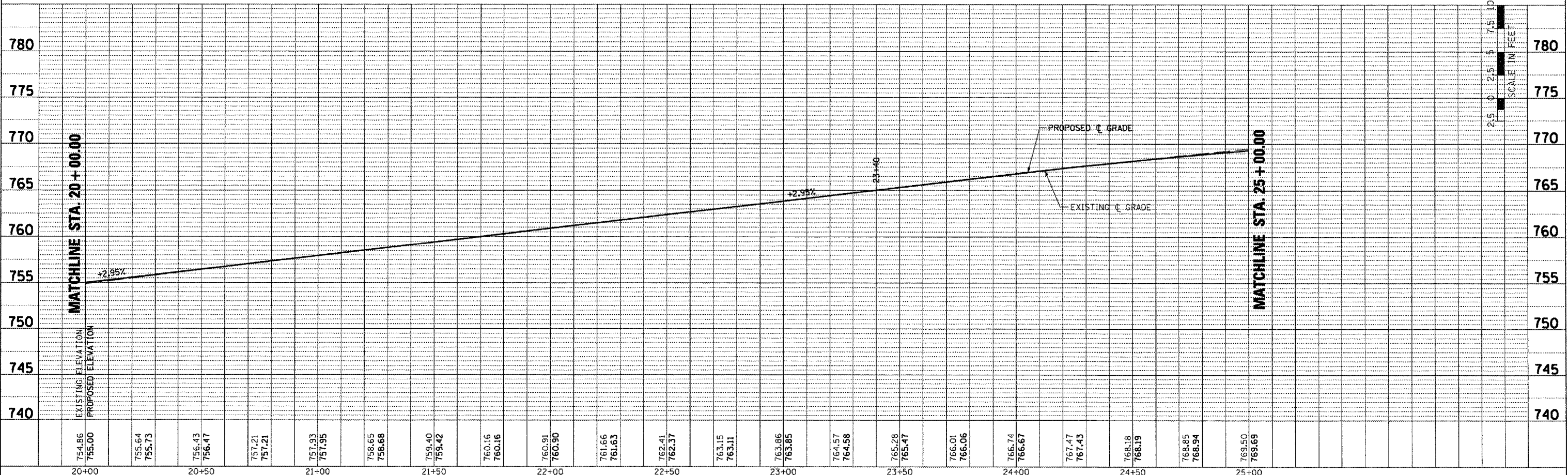
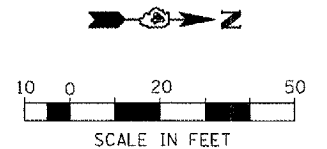
DATE	BY
DATE	BY

DATE	BY
DATE	BY

PLOT DATE * DATE
FILE NAME * FILEL
USER NAME * USER



- ① PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8"
- ② BITUMINOUS DRIVEWAY PAVEMENT, 8"
- ③ PIPE UNDERDRAIN 4"



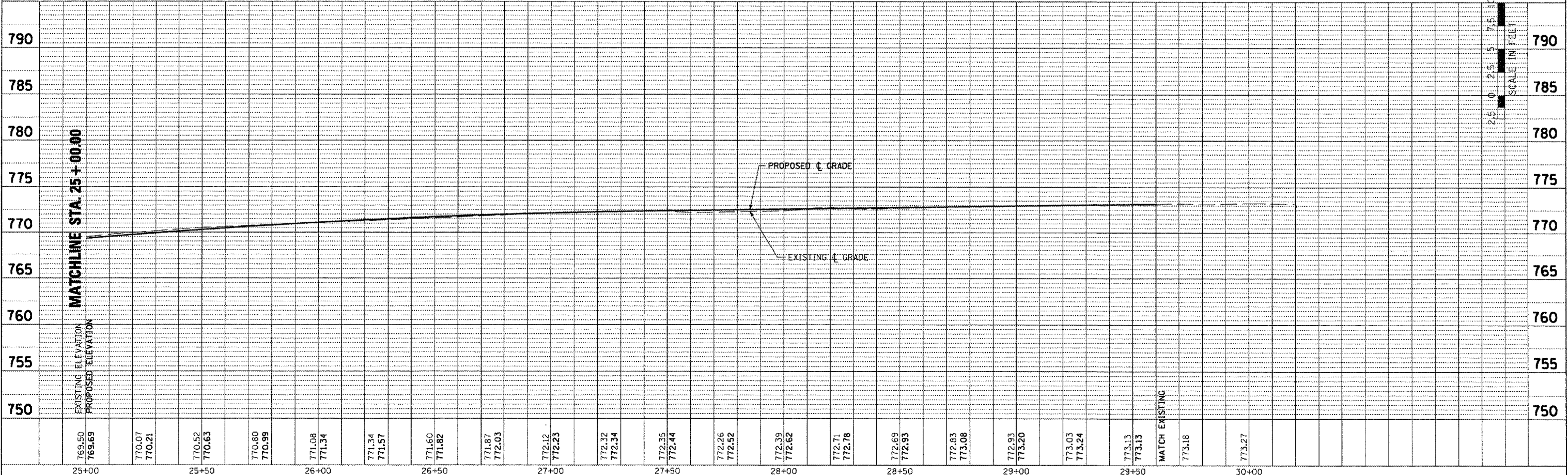
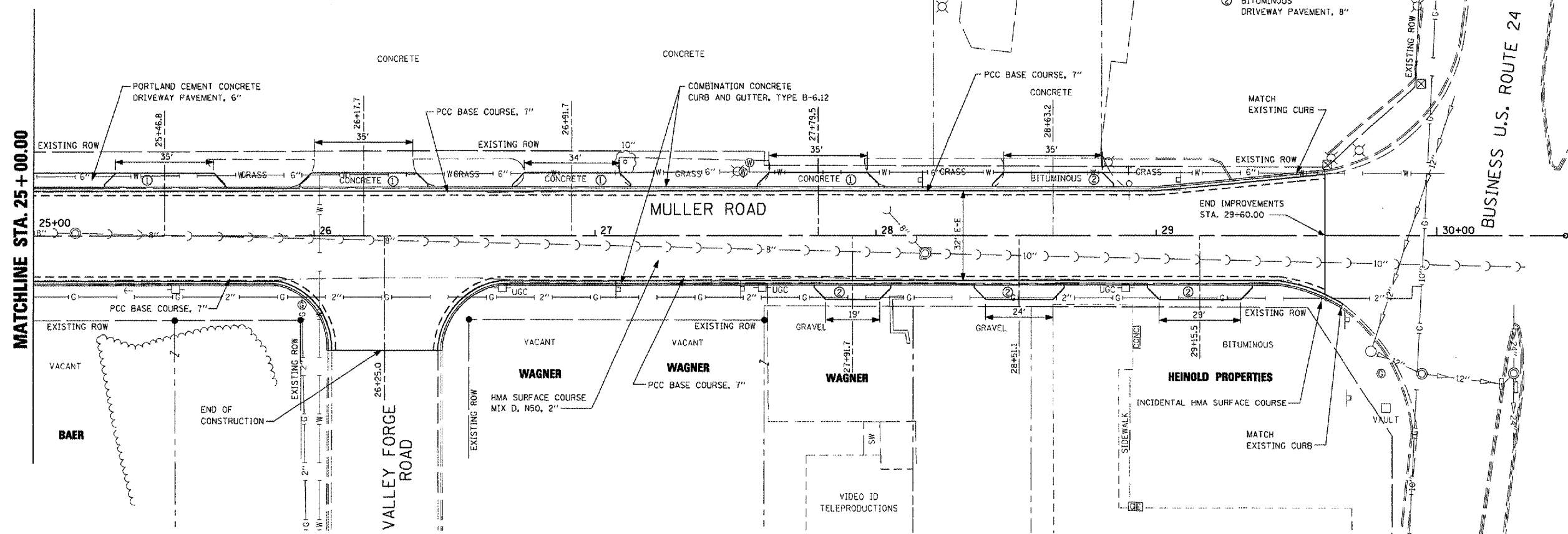
MULLER - ROADWAY PLAN AND PROFILE - STA. 20+00 TO STA. 25+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS 7660	05-00104-00-RS	TAZEWELL	36	18
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS		FED. AID PROJECT	

PLAN	DATE
BY	
NO. OF WAY CHECKED	
NO. OF FILE CHECKED	
NO. OF FILE MAINT.	

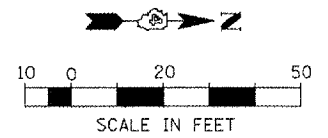
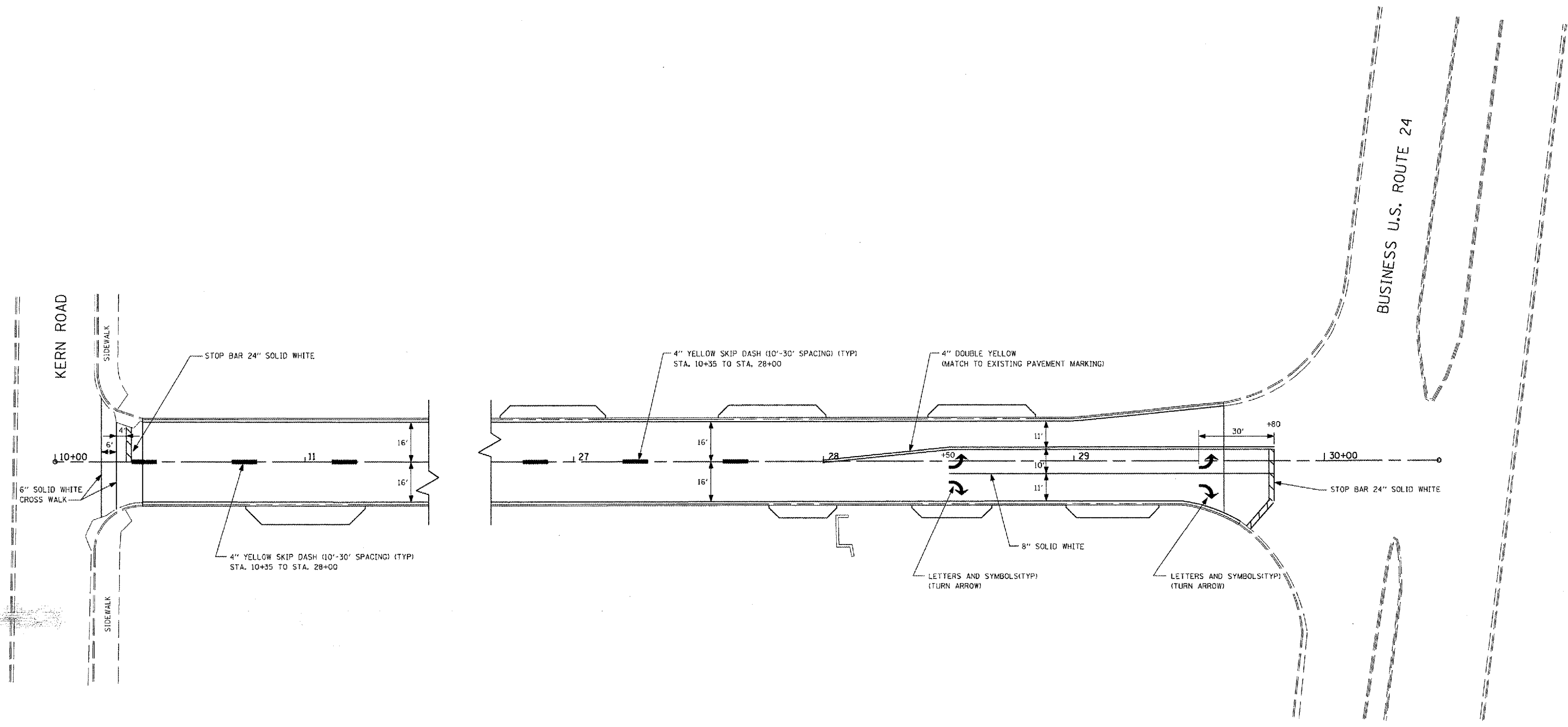
PROFILE	DATE
BY	
NO. OF WAY CHECKED	
NO. OF FILE CHECKED	
NO. OF FILE MAINT.	

PLOT DATE = 04/08
 FILE NAME = MULLER
 USER NAME = RUSSELL



MULLER - ROADWAY PLAN AND PROFILE - STA. 25+00 TO STA. 30+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS 7660	05-00104-00-RS	TAZEWELL	36	19
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

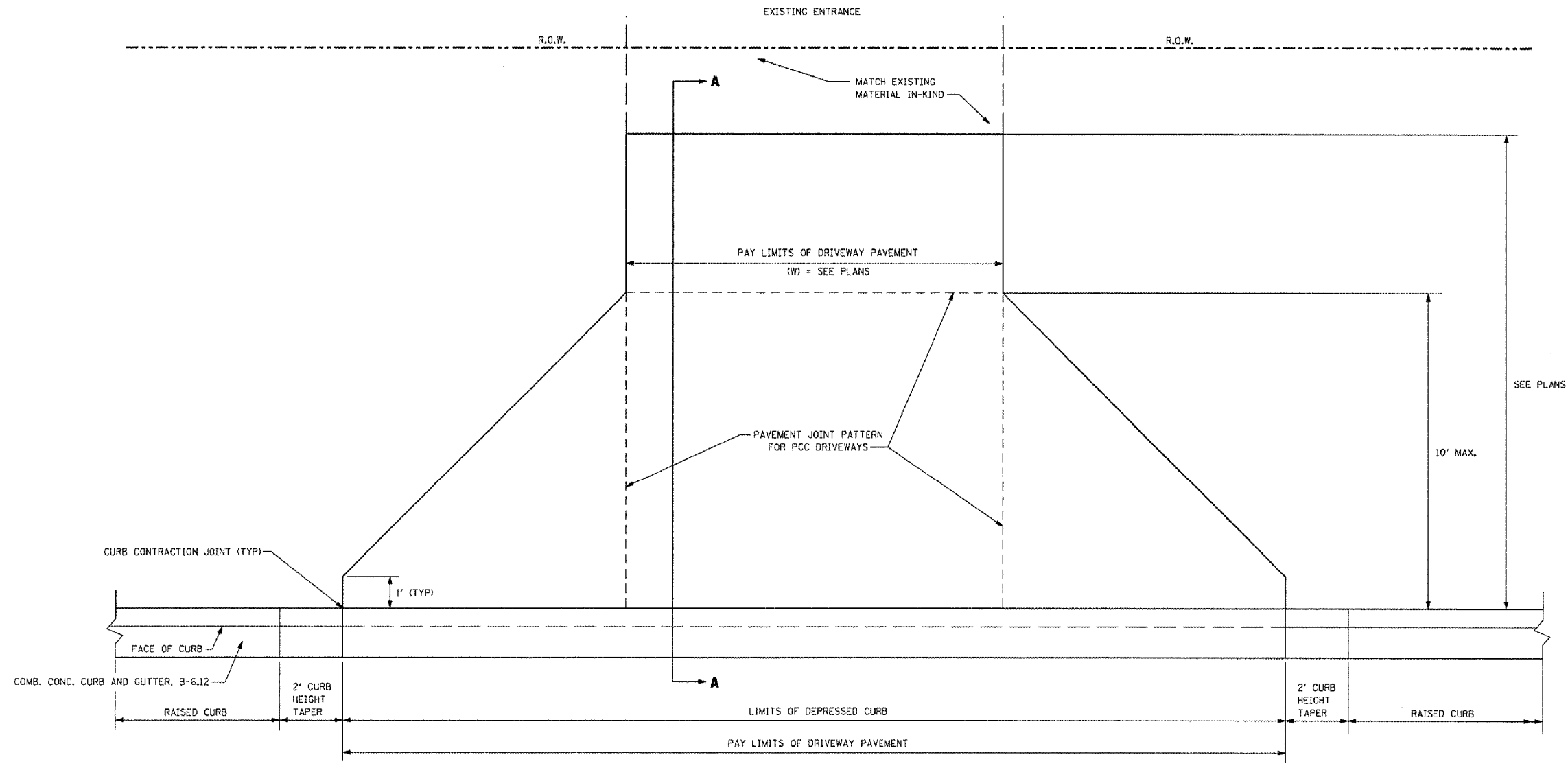
**MULLER ROAD IMPROVEMENTS
PAVEMENT MARKING PLAN**

SCALE: AS SHOWN
DATE 11-14-07

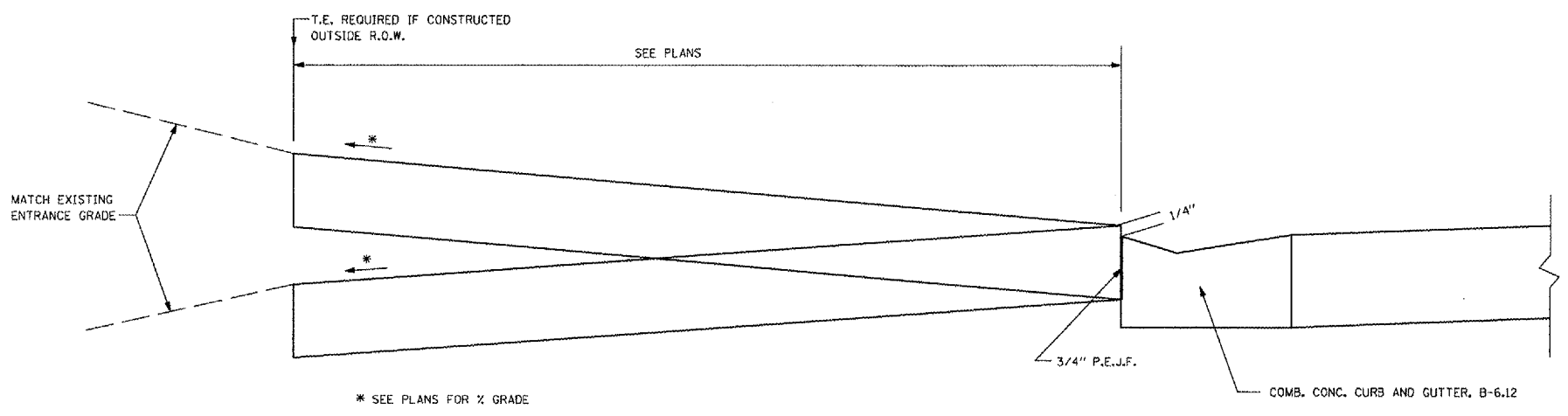
DRAWN BY: DLC
CHECKED BY: KMC

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FILE NAME = #FILE#
PLOT SCALE = #SCALE#
USER NAME = #USER#

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS 7660	05-00104-00-RS	TAZEWELL	36	20
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



PLAN VIEW
NOT TO SCALE



SECTION A-A
NOT TO SCALE

GENERAL NOTES

1. COMBINATION CONCRETE CURB & GUTTER SHALL BE DEPRESSED IN ACCORDANCE WITH STANDARD 606001.
2. COMBINATION CONCRETE CURB & GUTTER WILL BE MEASURED FOR PAYMENT AS SPECIFIED IN ARTICLE 606.13 OF THE STANDARD SPECIFICATIONS.
3. COMBINATION CONCRETE CURB & GUTTER CONSTRUCTION JOINTS WILL BE AS SHOWN ON STANDARD 606001.
4. SEE PLANS FOR CONSTRUCTION LIMITS AND WIDTHS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
MULLER ROAD IMPROVEMENTS
ENTRANCE DETAIL
 SCALE: AS SHOWN
 DATE 11-14-07
 DRAWN BY: DLC
 CHECKED BY: KMC

PLOT DATE = 01/16/08
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = DLG

FINAL
SURVEY
NOTE BOOK
AREAS SURVEYED

ORIGINAL
SURVEY
NOTE BOOK
AREAS SURVEYED

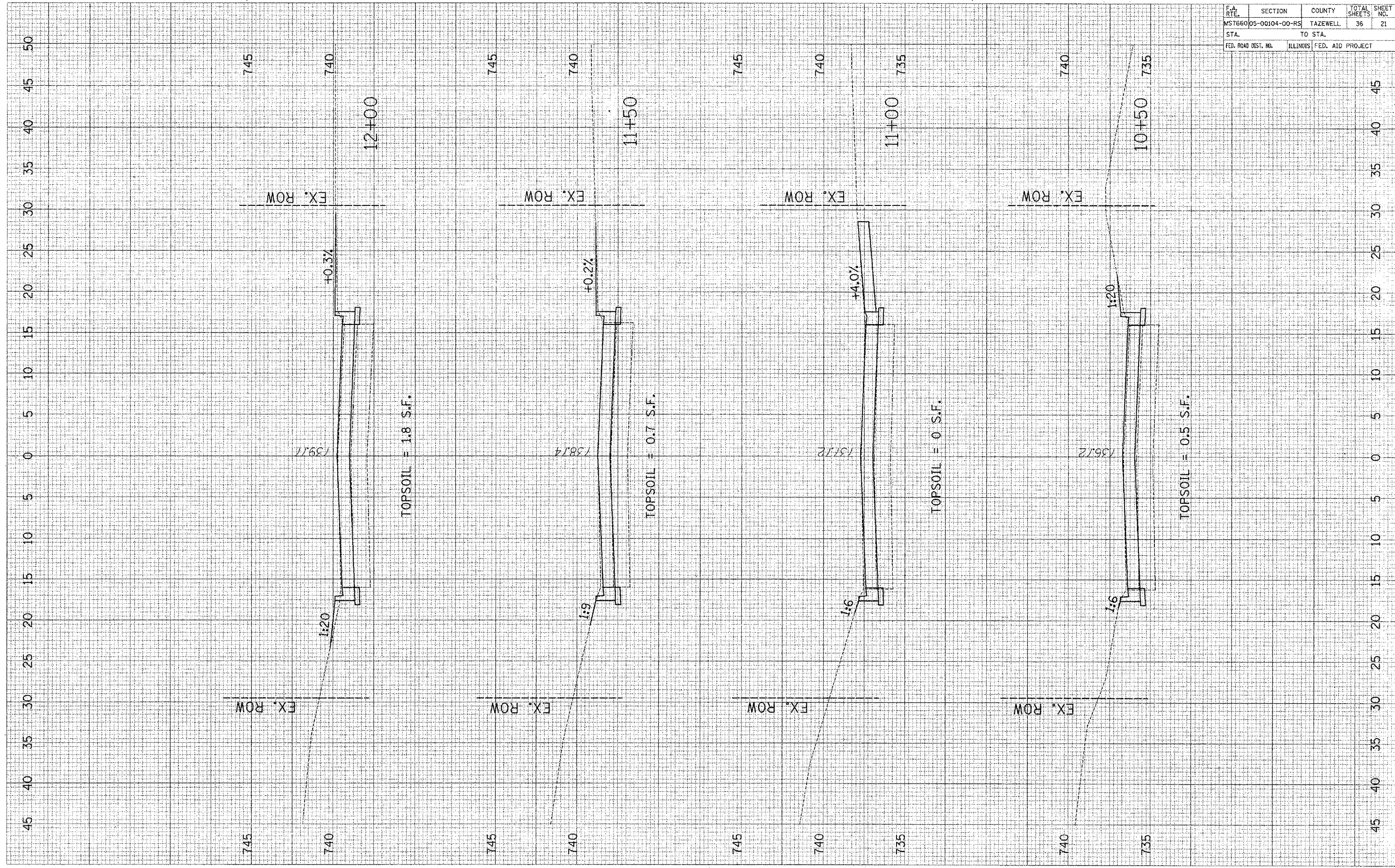
DATE

BY

DATE

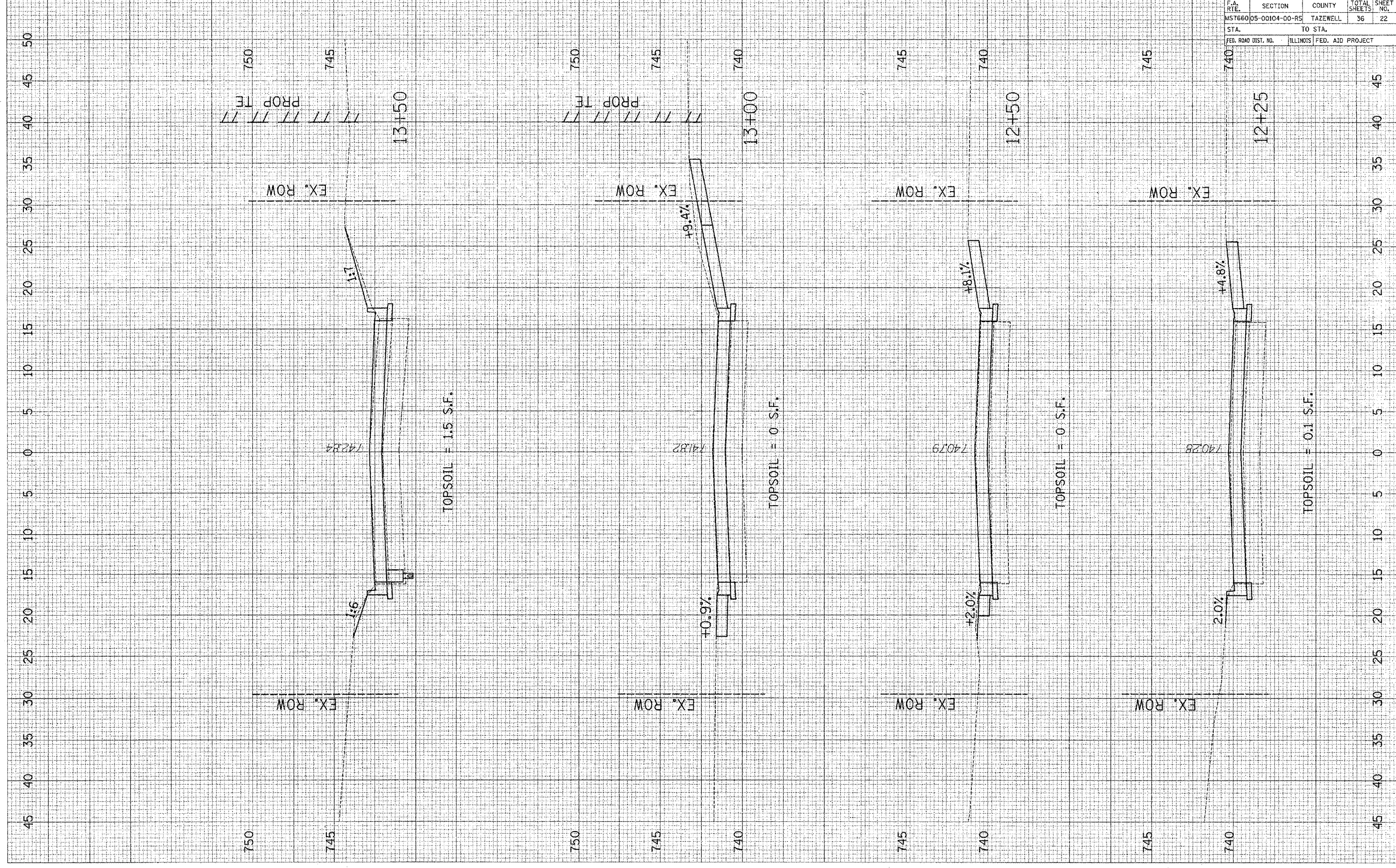
BY

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
M57660	05-00104-00-RS	TAZEWELL	36	21
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



ORIGINAL SURVEY
 SURVEYED
 DATE
 BY
 NOTE BOOK
 TOPPLATE
 LABELS
 AREAS CHECKED
 IN

ORIGINAL SURVEY
 SURVEYED
 DATE
 BY
 NOTE BOOK
 TOPPLATE
 LABELS
 AREAS CHECKED
 IN

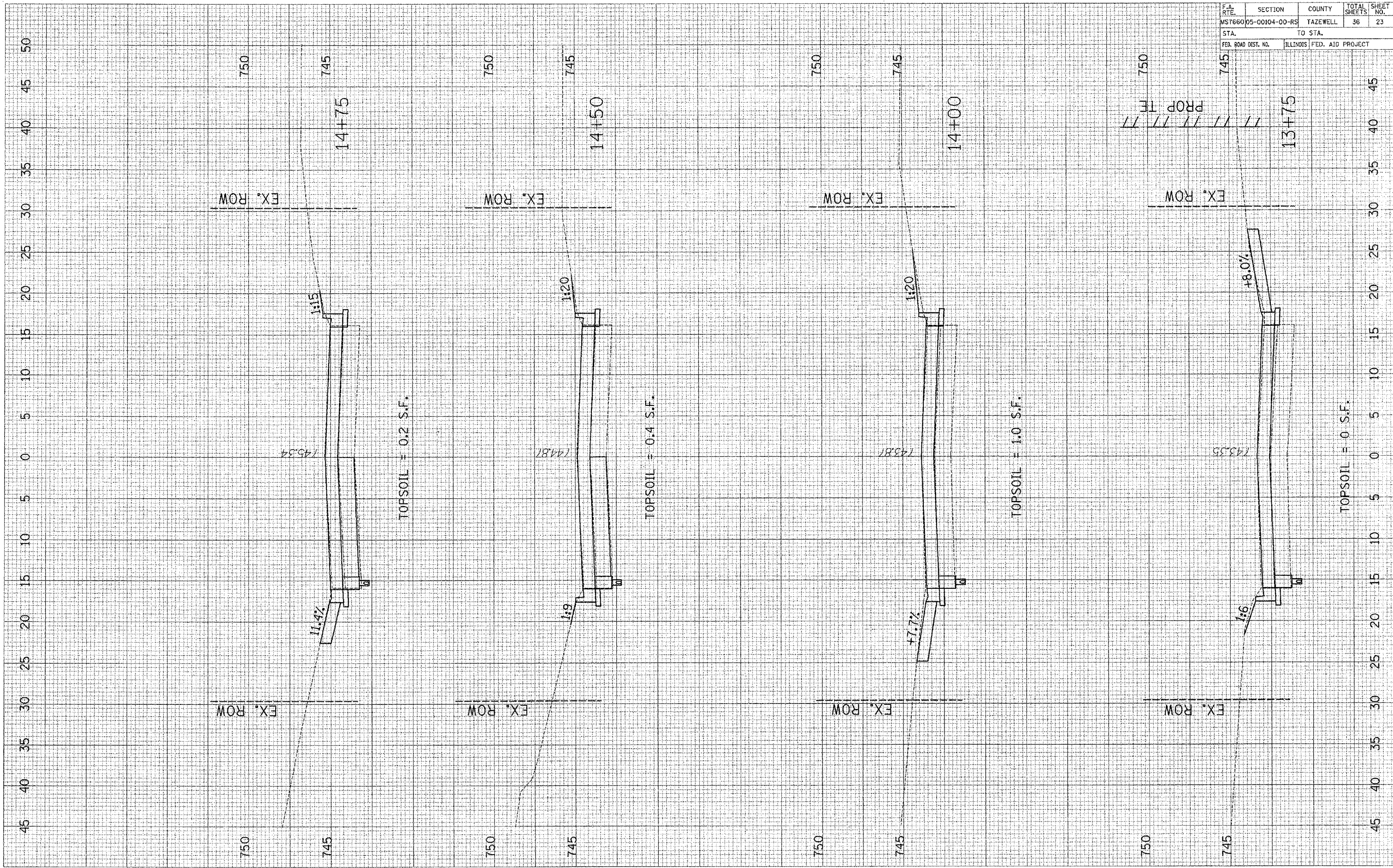


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
M57660	05-00104-00-R5	TAZEWELL	36	22
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE _____ BY _____
 ORIGINAL SURVEY _____
 CHECKED _____
 NOTE BOOK _____
 AREAS CHECKED _____

DATE _____ BY _____
 ORIGINAL SURVEY _____
 CHECKED _____
 NOTE BOOK _____
 AREAS CHECKED _____

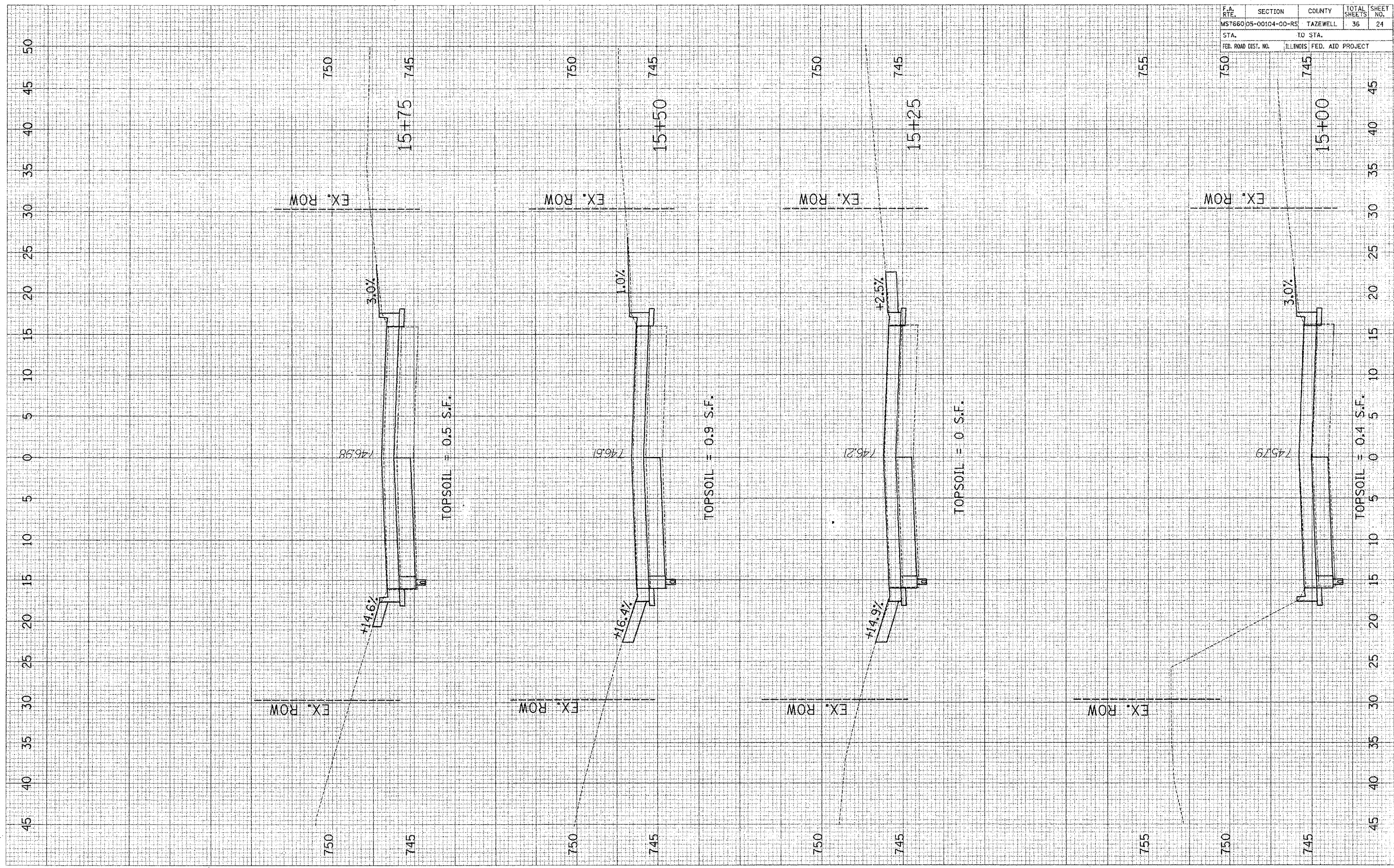
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS7660-05-00104-00-RS	TAZEWELL	ILLINOIS	36	23
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



DATE: _____ BY: _____
 CHECKED: _____
 SURVEY: _____
 NOTE BOOK: _____
 AREA: _____
 AREA CHECKED: _____

DATE: _____ BY: _____
 CHECKED: _____
 SURVEY: _____
 NOTE BOOK: _____
 AREA: _____
 AREA CHECKED: _____

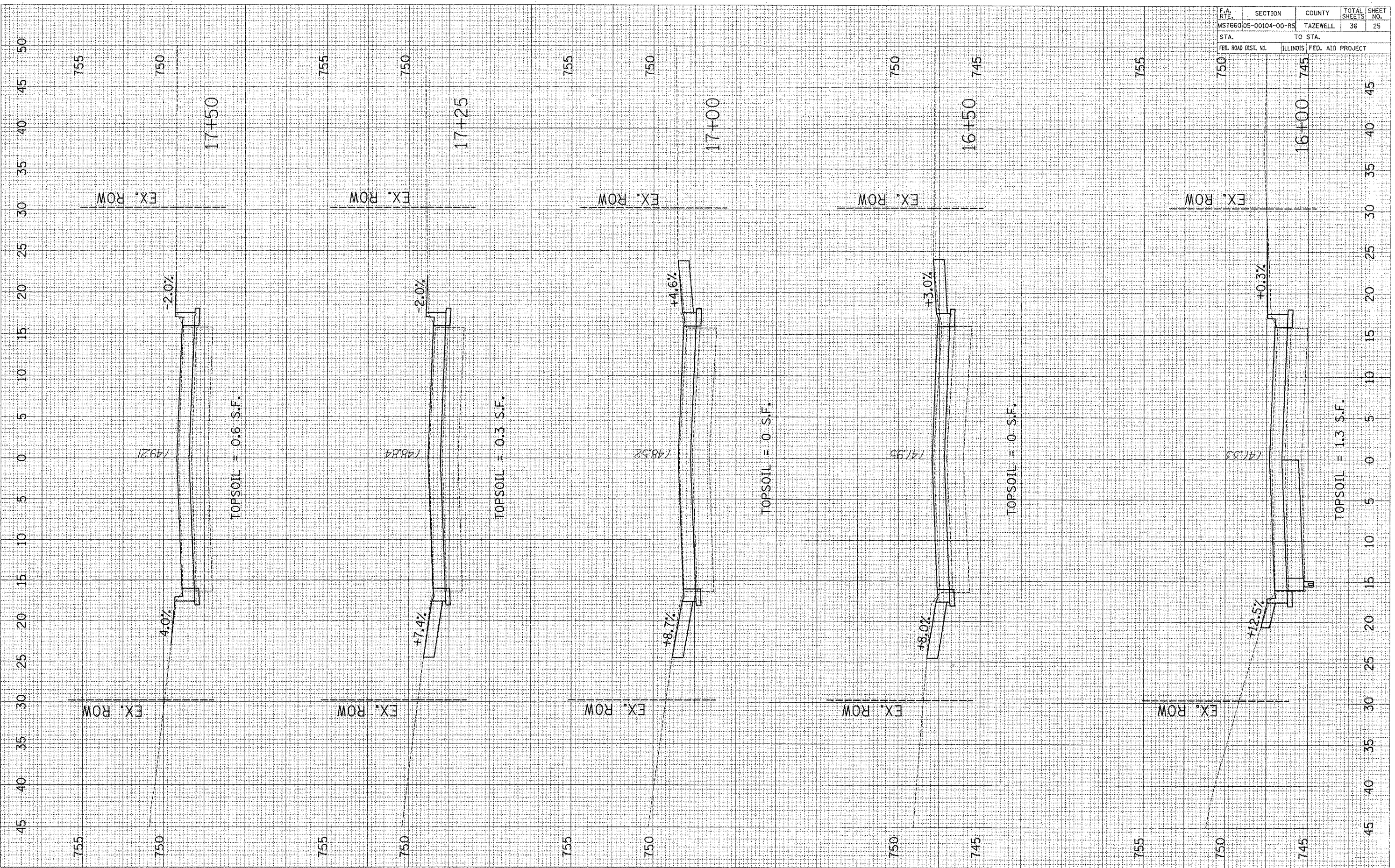
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MST660	05-00104-00-RS	TAZEWELL	36	24
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



DATE: _____
 BY: _____
 SURVEYED: _____
 CHECKED: _____
 DRAWN: _____
 DATE: _____
 BY: _____
 SURVEYED: _____
 CHECKED: _____
 DRAWN: _____

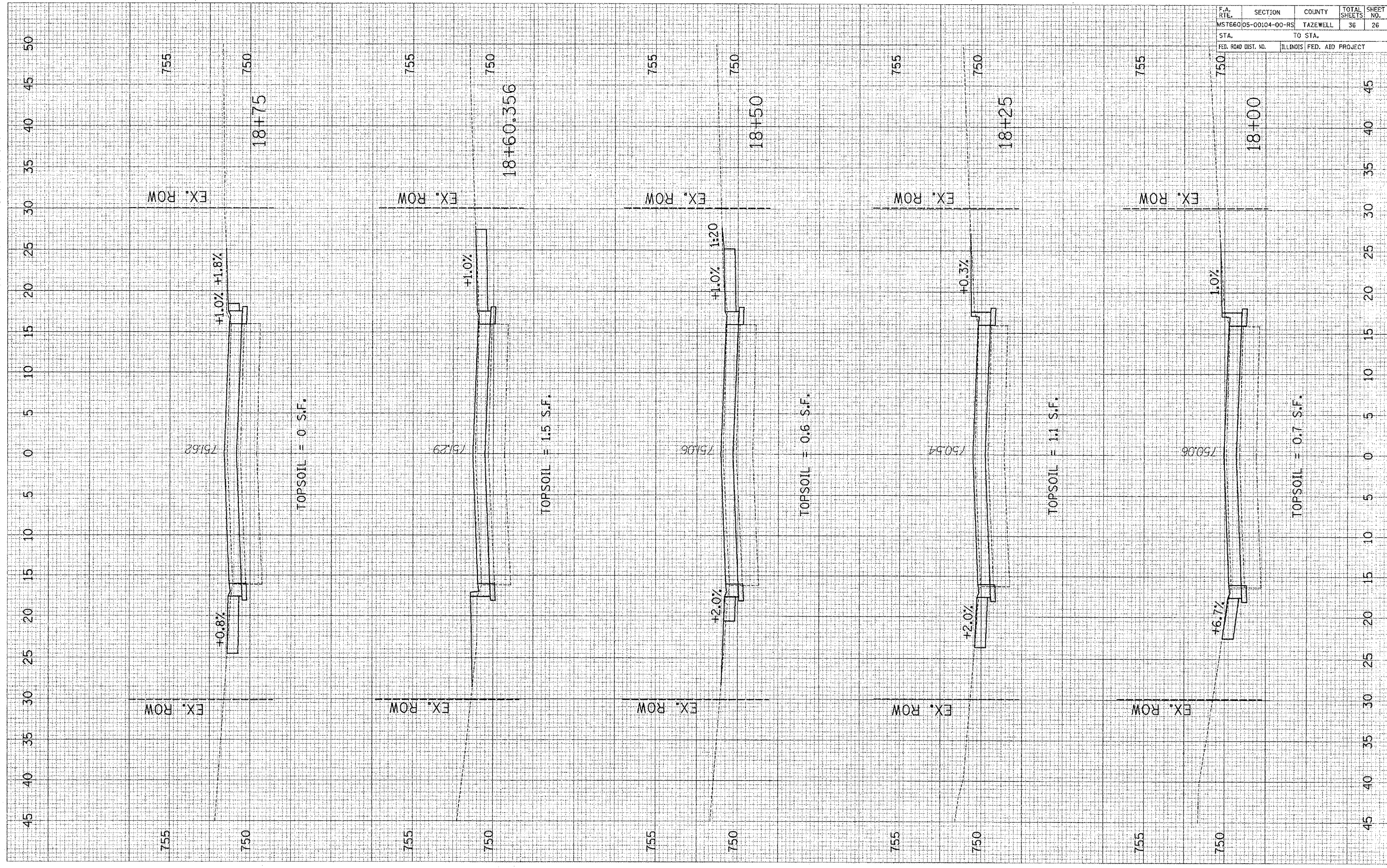
DATE: _____
 BY: _____
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 DRAWN: _____
 DATE: _____
 BY: _____
 SURVEYED: _____
 CHECKED: _____
 DRAWN: _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MST660.05-00104-00-RS	TAZENELL	ILLINOIS	36	25
STA.		TO STA.		
750		745		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



FINAL SURVEYED
 SUBJECT
 NOTE BOOK
 AREAS CHECKED
 DATE
 BY

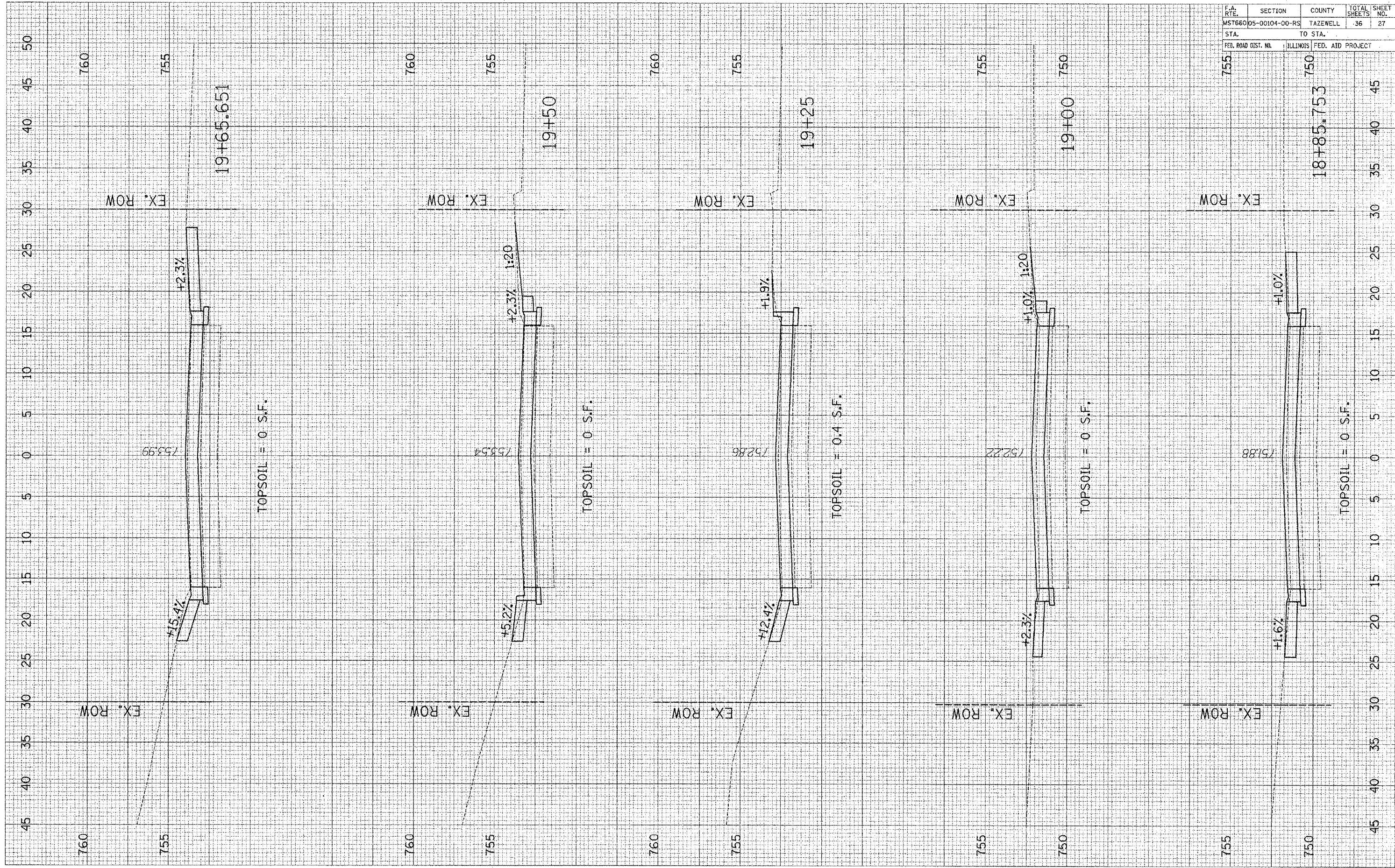
ORIGINAL SURVEYED
 SUBJECT
 NOTE BOOK
 AREAS CHECKED
 DATE
 BY



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MST660	05-00104-00-RS	TAZEWELL	36	26
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

ORIGINAL SURVEY PLOTTED
 SURVEY PLOTTED
 NOTE BOOK
 AREAS
 AREAS
 BY
 DATE

FINAL SURVEY PLOTTED
 SURVEY PLOTTED
 NOTE BOOK
 AREAS
 AREAS
 BY
 DATE

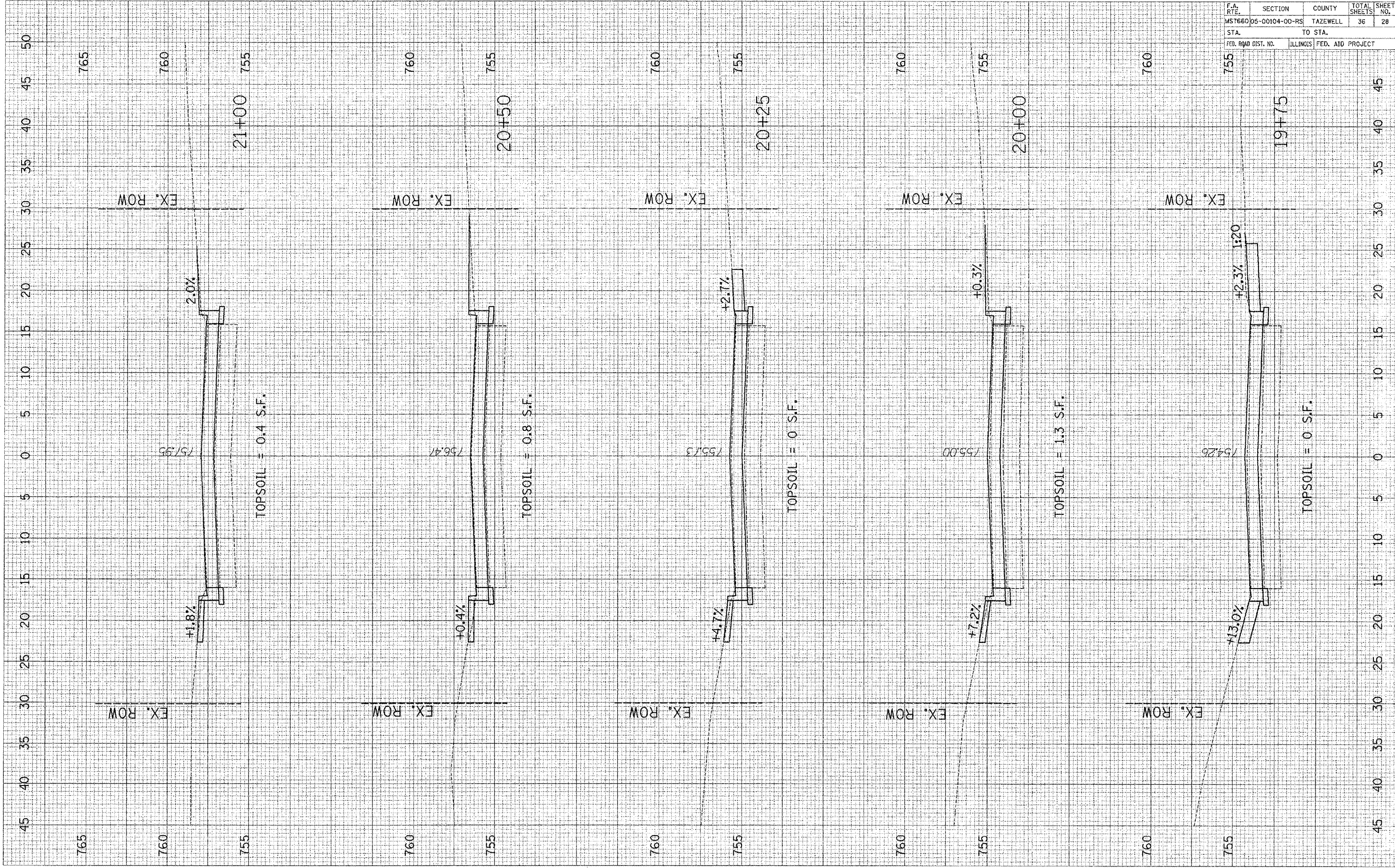


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MST660	05-00104-00-RS	TAZEWELL	36	27
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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 BY: _____
 CHECKED: _____
 DATE: _____
 BY: _____
 NO. _____

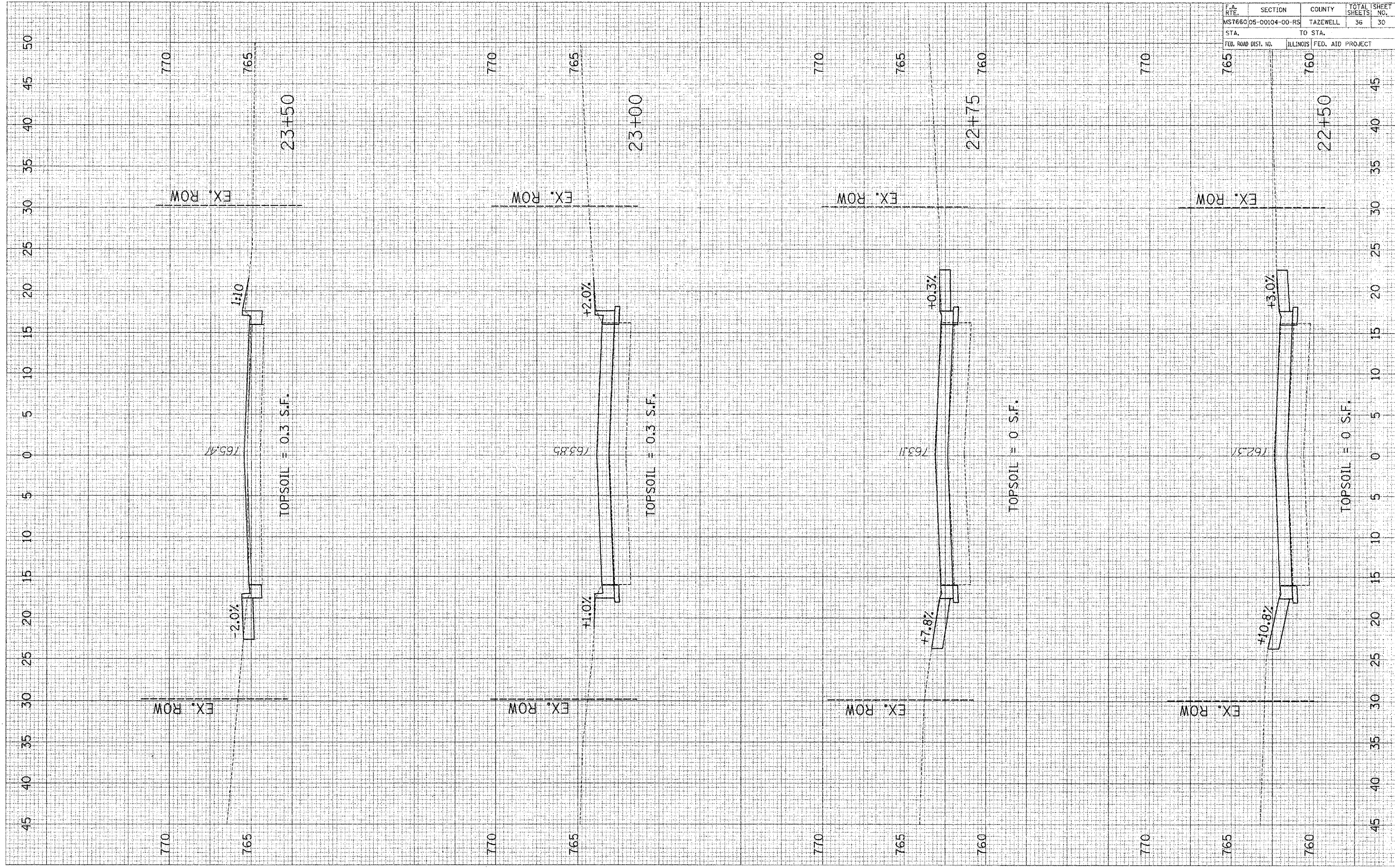
ORIGINAL SURVEY
 DATE: _____
 BY: _____
 CHECKED: _____
 DATE: _____
 BY: _____
 NO. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
M57660	05-00104-00-RS	TAZEWELL	36	28
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



ORIGINAL SURVEY	DATE
NO.	
BOOKED	BY
DATE	
EMPALE	
AREAS	
CREATED	

FINAL SURVEY	DATE
NO.	
BOOKED	BY
DATE	
EMPALE	
AREAS	
CREATED	

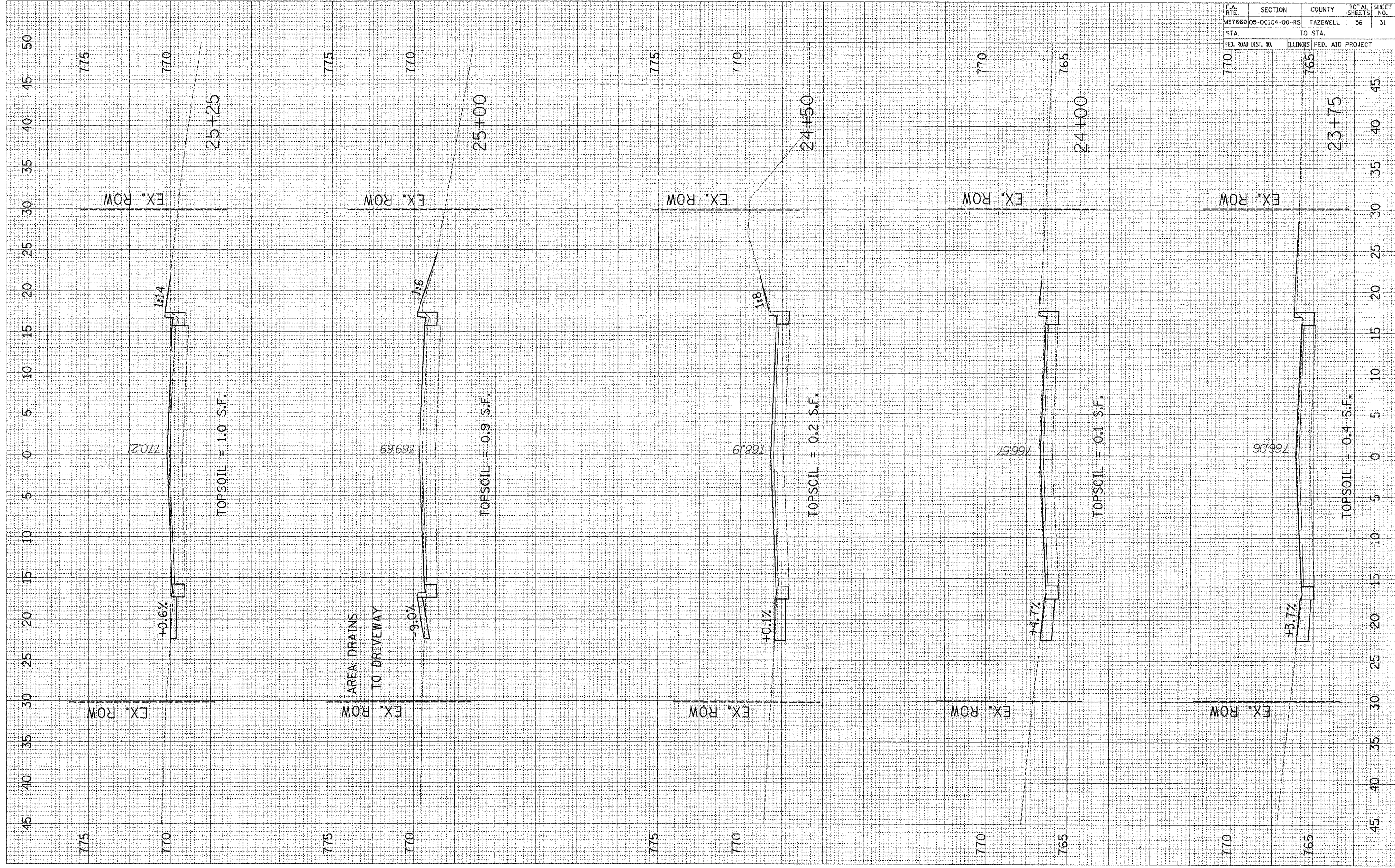


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS7660	05-00104-00-RS	TAZEWELL	36	30
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DATE: _____ BY: _____
 REVISIONS: _____
 SURVEY: _____
 NOTE BOOK: _____
 AREAS: _____
 AREAS: _____

DATE: _____ BY: _____
 REVISIONS: _____
 SURVEY: _____
 NOTE BOOK: _____
 AREAS: _____
 AREAS: _____

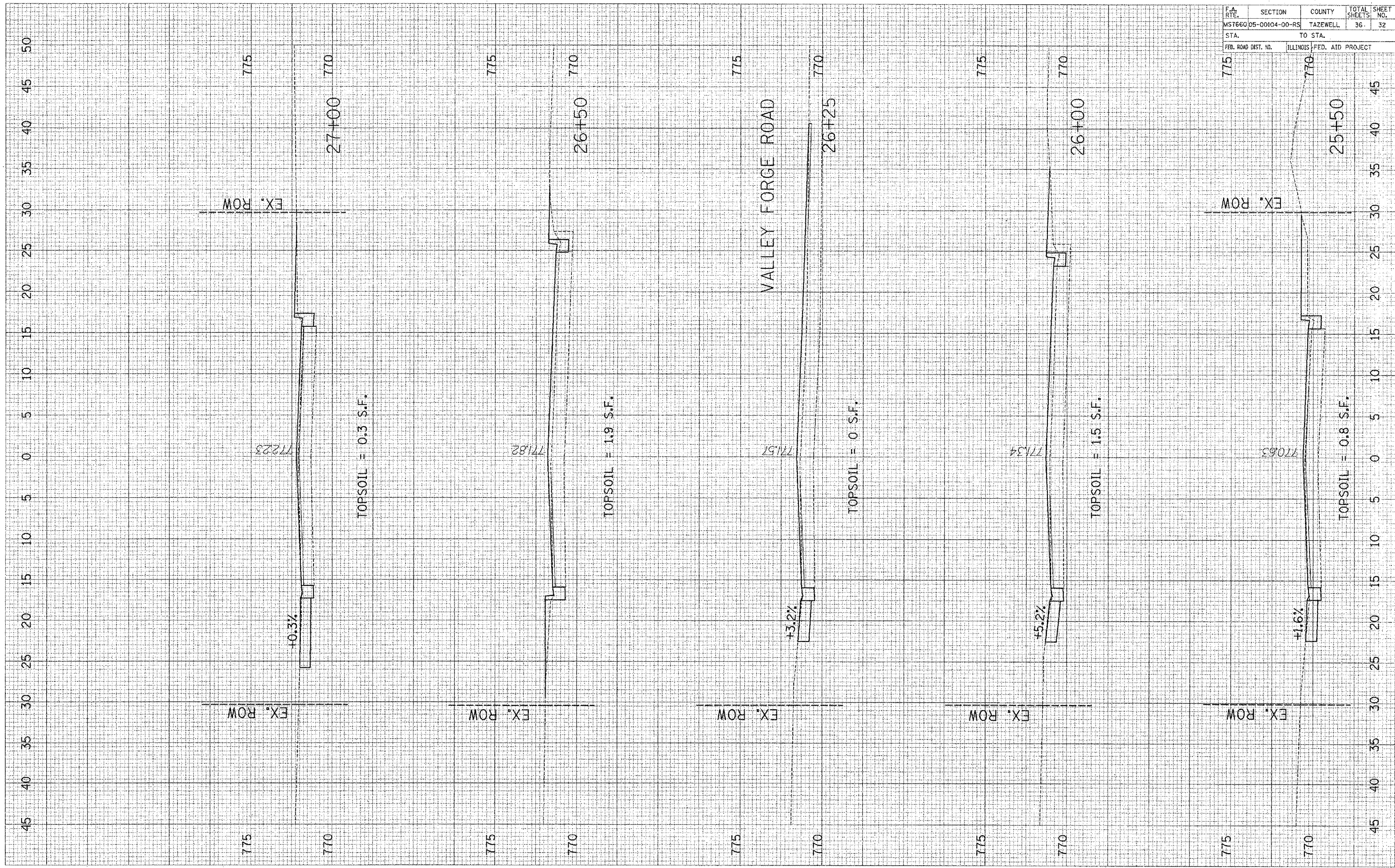
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
M57660	05-00104-00-RS	TAZEWELL	36	31
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



FINAL SURVEY	DATE
NOTED BY	
DATE	
BY	
DATE	
BY	
DATE	

ORIGINAL SURVEY	DATE
NOTED BY	
DATE	
BY	
DATE	
BY	
DATE	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
M57660	05-00104-00-RS	TAZEWELL	36	32
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

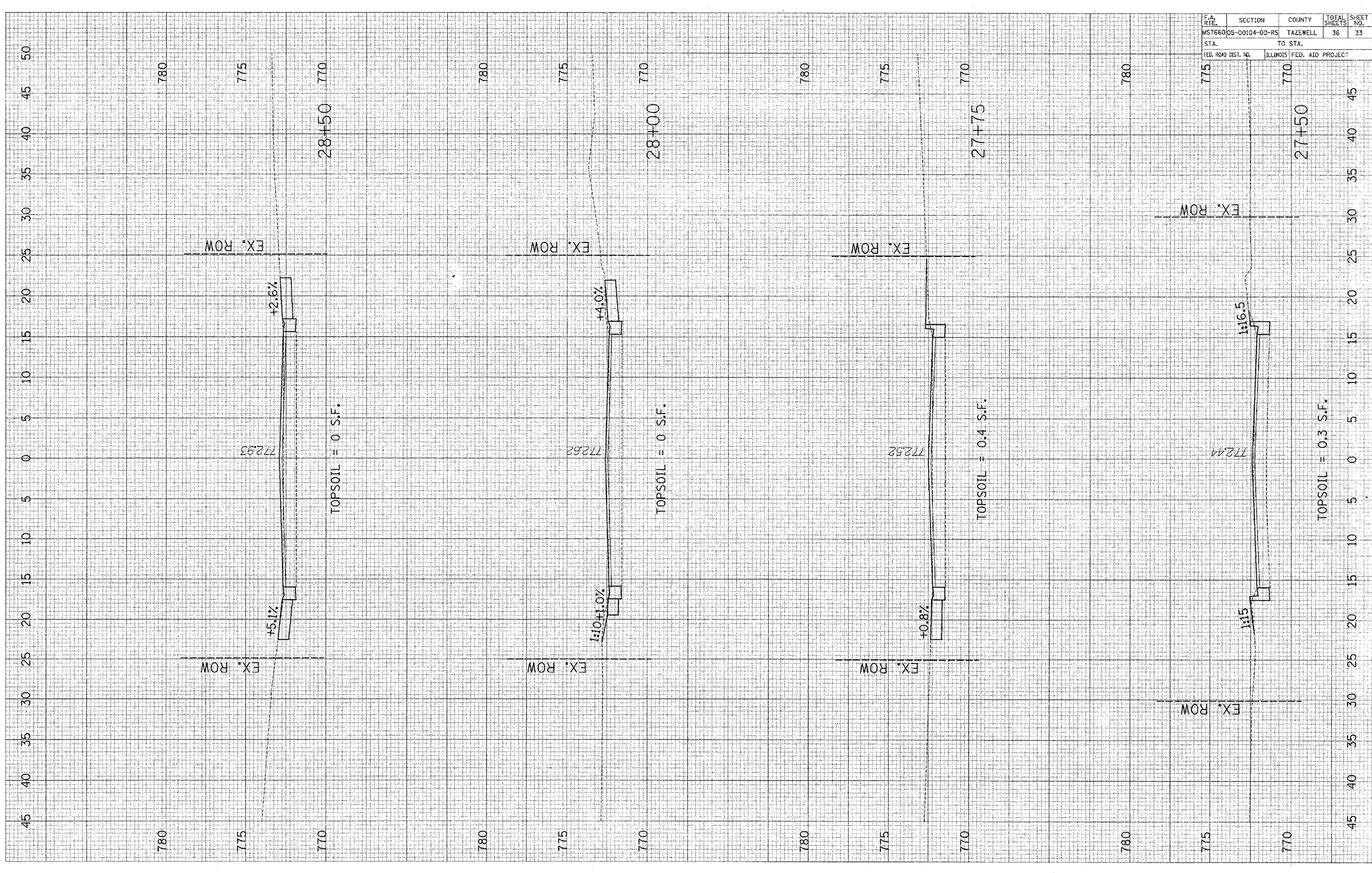


FILED
 SURVEY
 NOTE BOOK
 NO.

ORIGINAL
 SURVEY
 NOTE BOOK
 NO.

BY
 DATE

BY
 DATE



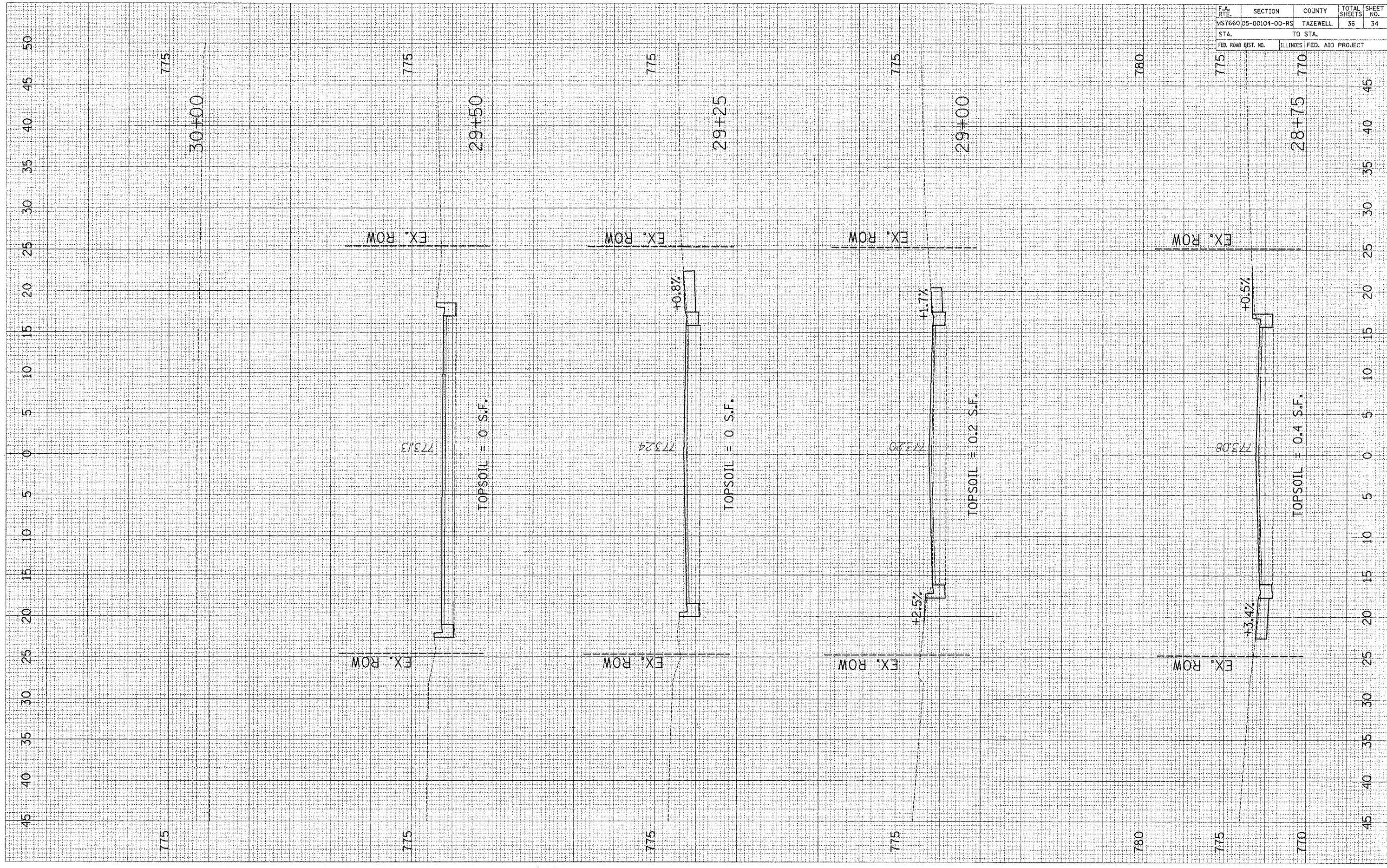
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MST660	05-00104-00-RS	TAZEWELL	36	33
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FRCA
 CHECKED
 SURVEY
 TEMPLATE
 NOTE BOOK
 AREAS
 08/15/2007/07

ORIGINAL
 SURVEY
 TEMPLATE
 NOTE BOOK
 AREAS
 08/15/2007/07

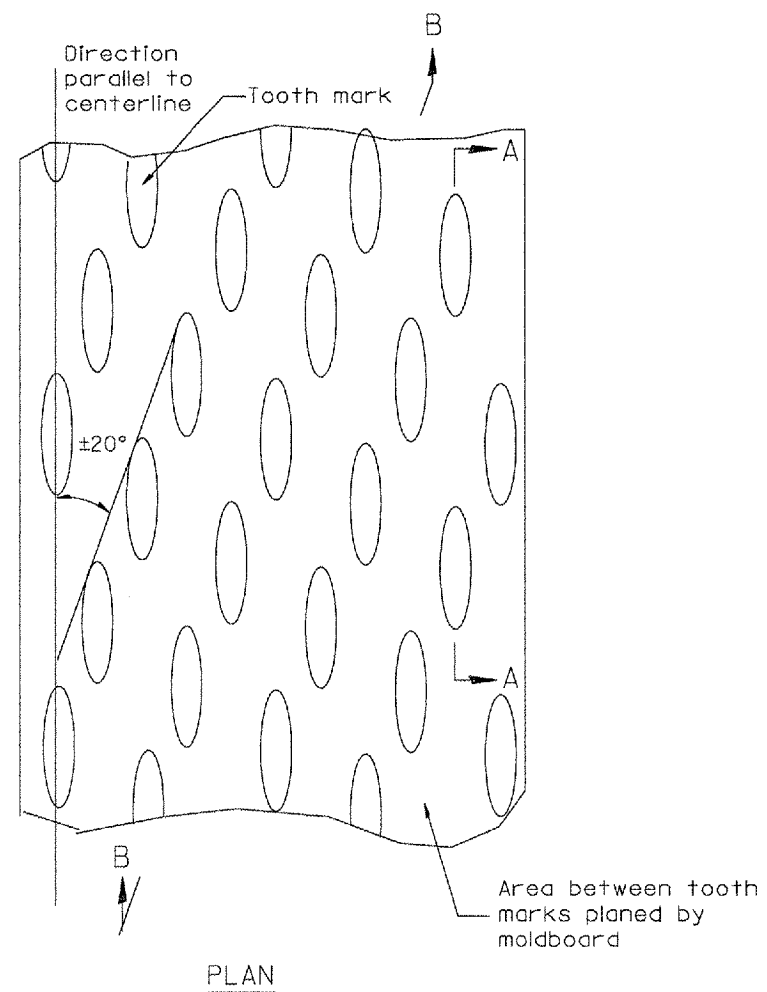
BY _____ DATE _____

BY _____ DATE _____



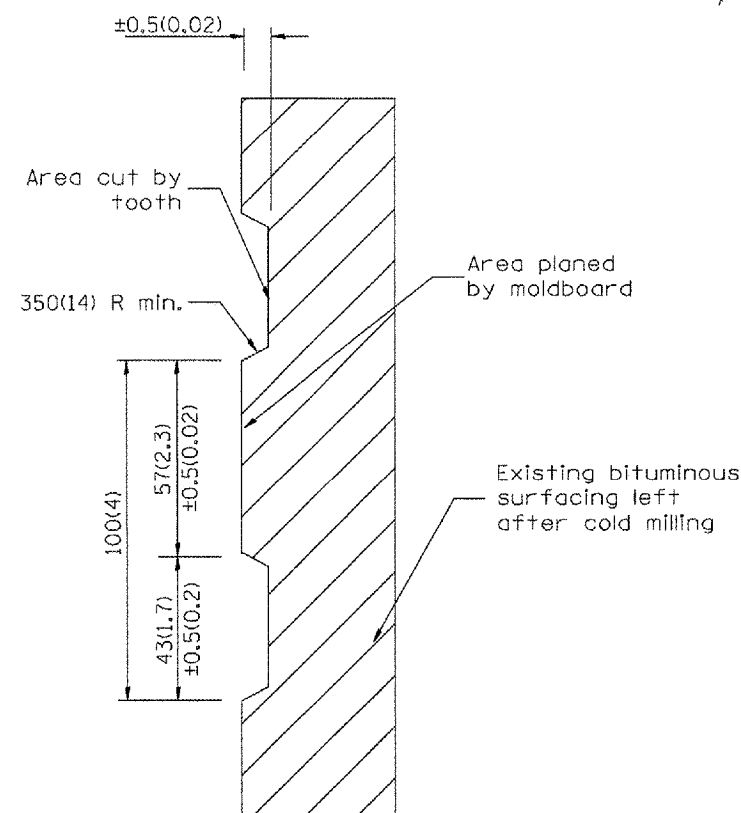
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MST660	05-00104-00-R5	TAZEWELL	36	34
STA.	TO STA.			
775	770			
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS 7600	05-00104-00-RS	TAZEWELL	36	35
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

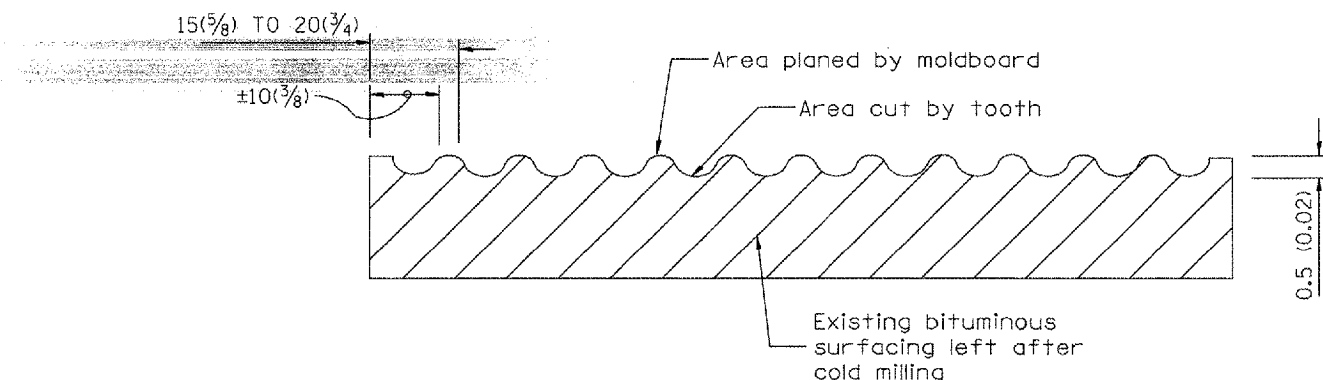


General notes:

1. Coldmilling shall consist of two processes: Cutting with carbide teeth mounted on a rotating drum, and planing with a moldboard mounted immediately behind the cutting drum.
2. Other similar patterns will be acceptable if they consist of a smooth, flat, planed surface interspersed with a pattern of discontinuous longitudinal striations.



SECTION A-A



SECTION B-B PROJECTED
PERPENDICULAR TO CENTERLINE

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT CADD STANDARD

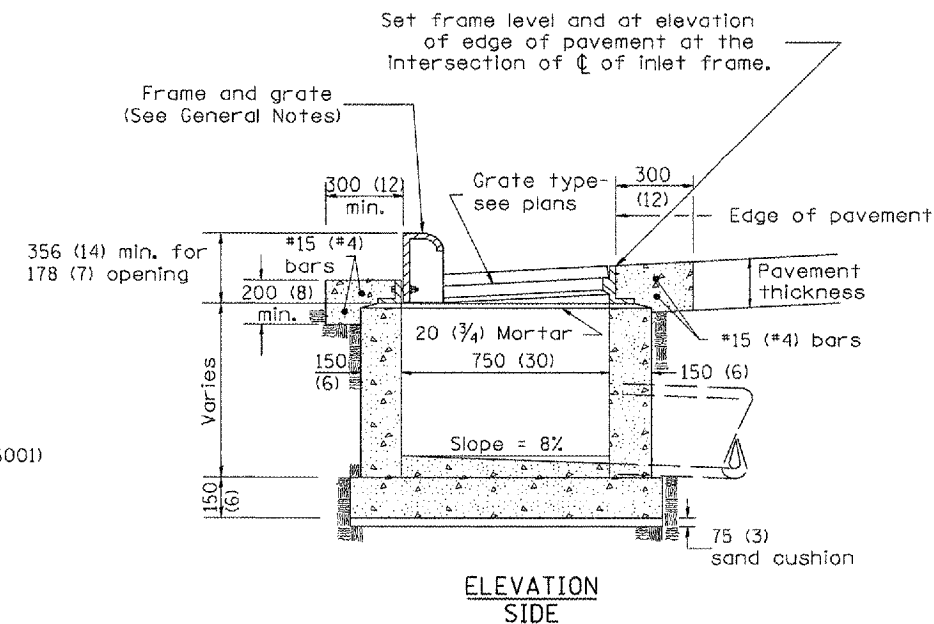
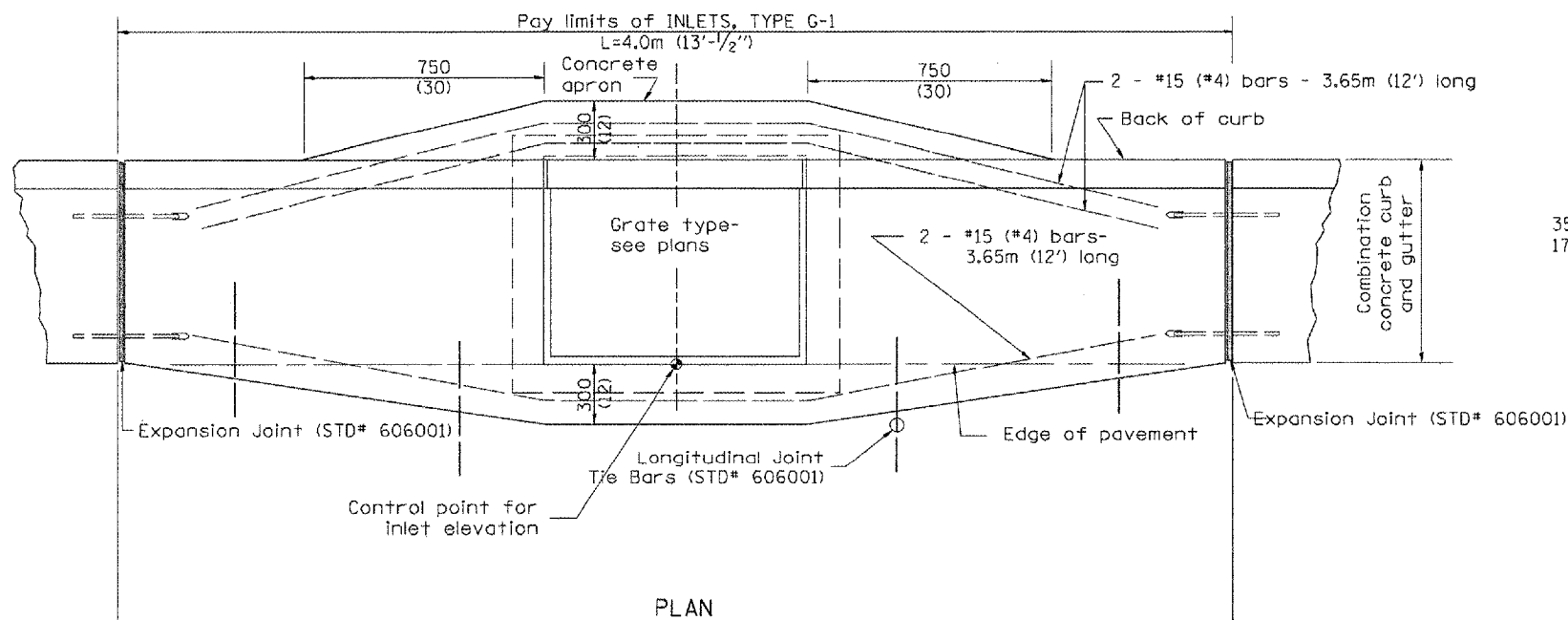
BITUMINOUS SURFACE REMOVAL
(COLD MILLING)

CADD STD NO. 440001-D4
SCALE: NOT DRAWN TO SCALE
DRAWN BY CADD
CHECKED BY

DATE	REVISIONS	BY
1-1-97	RENUM. C-104.01, NEW REVISION BOX	T. P.
4-20-98	REMOVED MILLING DETAIL FROM STD.	J. A.
9-08-98	CORRECT NOTE LEADER PLACEMENT	R. W.

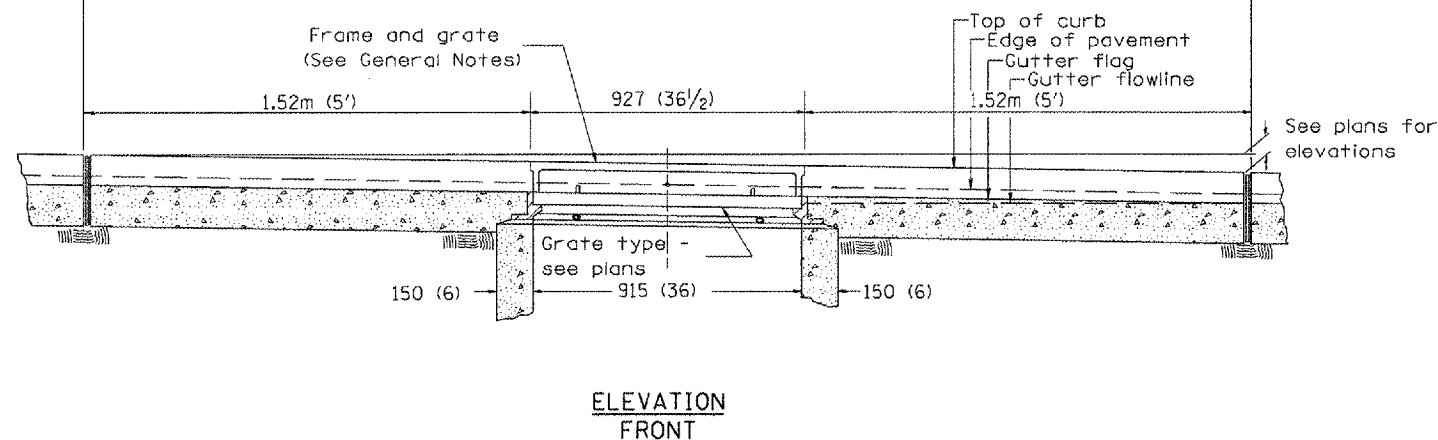
\$\$\$DATE\$\$\$

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS 7600	05-00104-00-RS	TAZEWELL	36	36
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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 millimeters (inches) unless otherwise noted.

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT CADD STANDARD

INLETS, TYPE G-1

CADD STD NO. 602001-D4

SCALE NOT TO SCALE

DATE **DATE**

DRAWN BY CADD

CHECKED BY

DATE	REVISIONS	BY
1-1-97	RENUM. B-4.01, NEW REVISION BOX	T.P.
10-99	REVISION TO GENERAL NOTES	J.A.
2-00	REVISION TO DESIGNER NOTES	J.A.

602001-D4