

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	1
STA. TO STA.				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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LIST OF STANDARDS

- | NO. | DESCRIPTION |
|-----------|---|
| 00001-04 | STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS |
| 280001-03 | TEMPORARY EROSION CONTROL SYSTEMS |
| 424001-04 | SIDEWALK RAMPS, ACCESSABLE TO THE DISABLED |
| 442201-02 | CLASS C AND D PATCHES |
| 542101-01 | REINFORCED CONCRETE END SECTIONS FOR PIPE CULVERTS 15" THRU 36" DIA. AT RIGHT ANGLES WITH ROADWAY |
| 542301-01 | PRECAST REINFORCED CONCRETE FLARED END SECTION |
| 602301-01 | INLET-TYPE A |
| 602401-01 | MANHOLE, TYPE A |
| 602701-01 | MANHOLE STEPS |
| 604001-02 | FRAME AND LIDS, TYPE 1 |
| 606001-03 | CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER |
| 701602-02 | URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE |
| 701606-04 | URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN |
| 701701-04 | URBAN LANE CLOSURE, MULTILANE INTERSECTION |
| 701801-03 | LANE CLOSURE MULTILANE, 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE |
| 702001-06 | TRAFFIC CONTROL DEVICES |
| 720016-01 | MAST ARM MOUNTED STREET NAME SIGNS |
| 805001 | ELECTRICAL SERVICE INSTALLATION DETAILS |
| 814001-01 | CONCRETE HANDHOLES |
| 814006-01 | DOUBLE HANDHOLES |
| 857001 | STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES |
| 862001 | UNINTERRUPTABLE POWER SUPPLY (UPS) |
| 873001 | TRAFFIC SIGNAL GROUNDING |
| 877011-02 | STEEL COMBINATION MAST ARM ASSEMBLY AND POLE |
| 878001-05 | CONCRETE FOUNDATION DETAILS |
| 880001 | SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION |

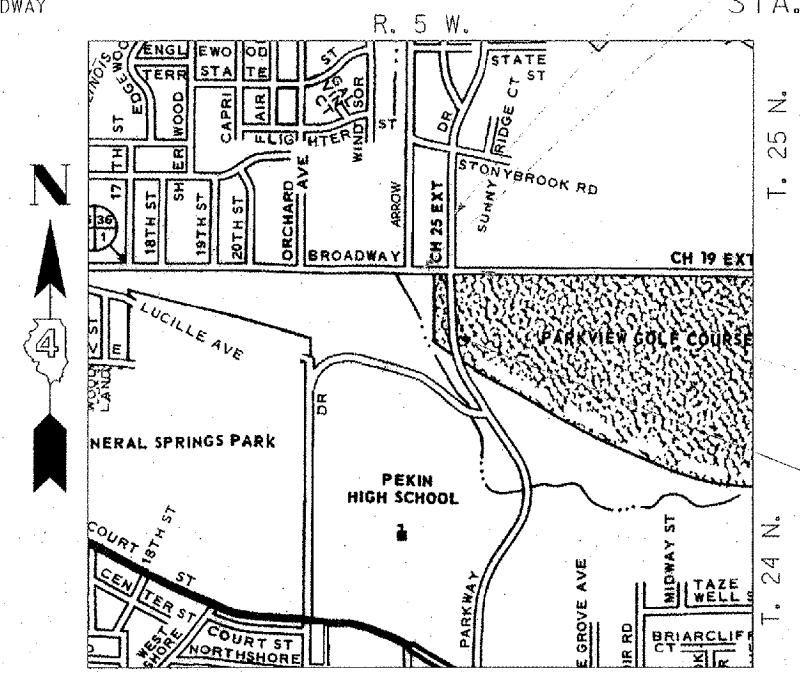
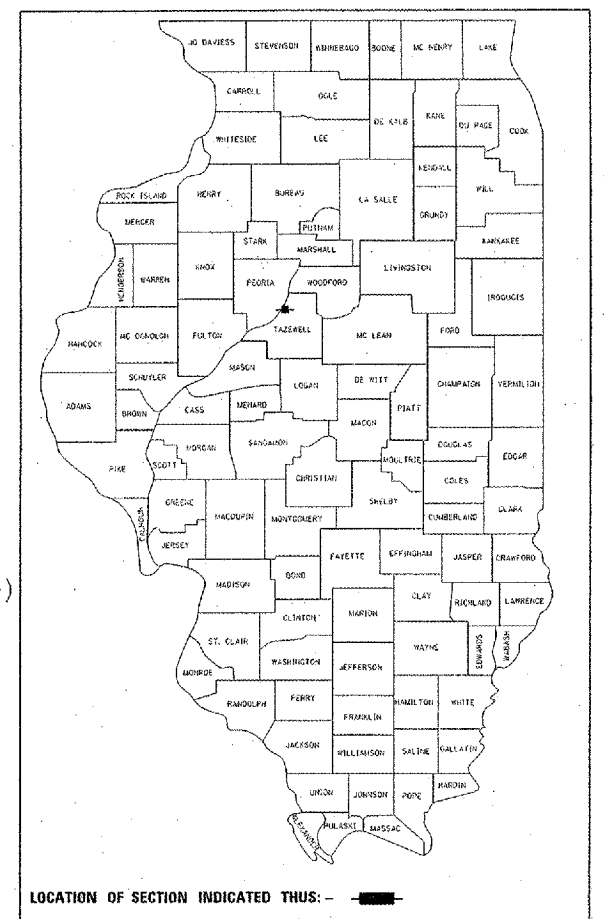


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

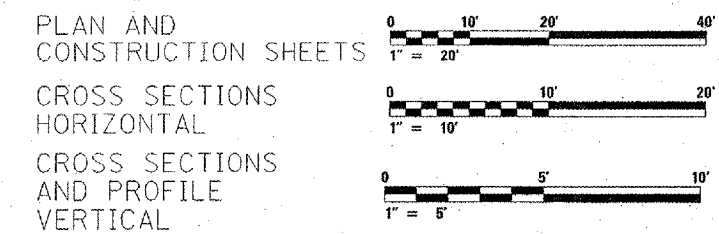
**PLANS FOR
PROPOSED LOCAL AGENCY IMPROVEMENT
PROJECT: HS-M-6761(002)**

**F.A.U. ROUTE 6761 (BROADWAY ROAD)
F.A.U. ROUTE 6711 (PARKWAY DRIVE)
SECTION 00-00164-00-SP
CITY OF PEKIN
TAZEWELL COUNTY**

END PROJECT (PARKWAY DRIVE)
STA. 42+00.00
BEGIN PROJECT (BROADWAY ROAD)
STA. 86+68.36



ENGLISH RATIOS



NPDES PERMIT IS NOT REQUIRED

FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES
REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING
MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

UTILITIES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY. CALL
J.U.L.E. JOINT UTILITY LOCATION INFORMATION PRIOR TO
EXCAVATION AT 1-800-892-0123.

**CONTRACT NO. 89318
JOB NO. C-94-115-01**

LENGTH OF PROJECT: BROADWAY ROAD = 631.64 FEET = 0.120 MILES
PARKWAY DRIVE = 1520 FEET = 0.288 MILES
TOTAL GROSS & NET LENGTH OF PROJECT = 2151.64 FEET = 0.408 MILES

ROADWAY CLASSIFICATION - MINOR ARTERIAL (BROADWAY ROAD & PARKWAY DRIVE)
2002 A.D.T. = 33,900 (BROADWAY ROAD)
2002 A.D.T. = 42,100 (PARKWAY DRIVE)
DESIGN GUIDELINES - URBAN
DESIGN SPEED - 35 M.P.H. (35 M.P.H. POSTED)
DESIGN VARIANCES
20' RADIUS RETURN FOR ARROW DRIVE
6' SIDEWALKS IN COMMERCIAL AREA

PLANS PREPARED BY:

MAURER-STUTZ, INC.
ENGINEERS SURVEYORS

ROBERT A. WEBER III, P.E. #062-058062
LICENSED PROFESSIONAL ENGINEER
LICENCE EXPIRES: 11/30/2007

**CITY OF PEKIN
DEPARTMENT OF PUBLIC WORKS**

DATE OF APPROVAL July 12 20 07
Joseph W. Wallace
DIRECTOR OF PUBLIC WORKS

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS**

PASSED July 12 20 07
John L. Wallace
DISTRICT ENGINEER OF LOCAL ROADS AND STREETS

RELEASED FOR
BID BASED ON
LIMITED REVIEW July 12 20 07
John E. Brown
DEPUTY DIRECTOR OF HIGHWAYS, REGION THREE ENGINEER

MSI PROJECT NO.: 231-00021

SUMMARY OF QUANTITIES

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE					
				STU 70% FEDERAL 30% LOCAL 1000-1A	100% LOCAL 1000-1A	HHS 90% FEDERAL 10% LOCAL SFTY-1A	HHS 90% FEDERAL 10% LOCAL Y030-1E	HHS 90% FEDERAL 10% LOCAL Y031-1F	HHS 90% FEDERAL 10% LOCAL SFTY-1D
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	111	111					
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	28	28					
20200100	EARTH EXCAVATION	CU YD	2135	2068	67				
20800150	TRENCH BACKFILL	CU YD	172	172					
21101615	TOPSOIL, FURNISH AND PLACE 4"	SO YD	1617	1617					
25200110	SODDING, SALT TOLERANT	SO YD	1576	1576					
28000400	PERIMETER EROSION BARRIER	FOOT	519	519					
28000500	INLET AND PIPE PROTECTION	EACH	5			5			
31100300	SUBBASE GRANULAR MATERIAL, TYPE A, 4"	SO YD	3962	3962					
35101400	AGGREGATE BASE COURSE, TYPE B	TON	591	552	39				
35300300	PORTLAND CEMENT CONCRETE BASE COURSE 8"	SO YD	2082	2082					
35400300	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 8"	SO YD	580	580					
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	1359	1359					
40600300	AGGREGATE (PRIME COAT)	TON	27	27					
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	660	660					
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	244	244					
40600990	TEMPORARY RAMP	SO YD	163	163					
40603560	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N50	TON	1185	1185					
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	98	53	45				
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SO YD	1097	1097					
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SO FT	9004	9004					
42400420	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH, SPECIAL	SO FT	995	995					
42400800	DETECTABLE WARNINGS	SO FT	34			34			
44000100	PAVEMENT REMOVAL	SO YD	61	61					
44000198	HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH)	SO YD	5027	5027					
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	2160	2160					
44000300	CURB REMOVAL	FOOT	569	569					
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	3445	3445					
44000600	SIDEWALK REMOVAL	SO FT	7141	7141					
44003100	MEDIAN REMOVAL	SO FT	49	49					
44200140	PAVEMENT PATCHING, TYPE I, 12 INCH	SO YD	4			4			
44200144	PAVEMENT PATCHING, TYPE II, 12 INCH	SO YD	107			107			
50104400	CONCRETE HEADWALL REMOVAL	EACH	2			2			
50800105	REINFORCEMENT BARS	POUND	140			140			
542A0223	PIPE CULVERTS, CLASS A, TYPE 1, 18"	FOOT	54			54			
54213663	PRECAST REINFORCED CONCRETE END SECTIONS 18"	EACH	2			2			
54248500	CONCRETE HEADWALLS	CU YD	0.7			0.7			
54248510	CONCRETE COLLAR	CU YD	2.0			2.0			
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	176			176			
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	14			14			
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	3			3			
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	49			49			
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	33			33			
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	388			388			
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2			2			
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2			2			
60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	2			2			
60241800	INLETS, TYPE G-1	EACH	8			8			
60255500	MANHOLES TO BE ADJUSTED	EACH	3			3			
60262800	INLETS TO BE RECONSTRUCTED (SPECIAL)	EACH	1			1			
60500060	REMOVING INLETS	EACH	1			1			
60500065	REMOVING INLETS, SPECIAL	EACH	1			1			
60600605	CONCRETE CURB, TYPE B	FOOT	99.5	99.5					
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	341.5	341.5					
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	3435.5	3435.5					
67100100	MOBILIZATION	L SUM	1	1					
70102625	TRAFFIC CONTROL AND PROTECTION STANDARD 701606	L SUM	1			1			
70102632	TRAFFIC CONTROL AND PROTECTION STANDARD 701602	L SUM	1			1			
70102635	TRAFFIC CONTROL AND PROTECTION STANDARD 701701	L SUM	1			1			
70102640	TRAFFIC CONTROL AND PROTECTION STANDARD 701801	L SUM	1			1			
70300100	SHORT TERM PAVEMENT MARKING	FOOT	944						944
70300210	TEMPORARY PAVEMENT MARKING, LETTERS AND SYMBOLS	SO FT	164						164
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	7235						7235
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	873						873
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	529						529
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	228						228
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	4144			4144			

* DESIGNATES SPECIALTY ITEM



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SUMMARY OF QUANTITIES

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE					
				STU		HHS	HHS	HHS	HHS
				70% FEDERAL 30% LOCAL 1000-1A	100% LOCAL 1000-1A	10% FEDERAL 10% LOCAL SFTY-1A	90% FEDERAL 10% LOCAL Y030-1E	90% FEDERAL 10% LOCAL Y031-1F	90% FEDERAL 10% LOCAL SFTY-1D
72300100	INSTALL EXISTING SIGN PANEL	SQ FT	60	60					
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	164						164
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	7235						7235
78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	873						873
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	529						529
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	228						228
80500205	SERVICE INSTALLATION, TYPE B (MODIFIED)	EACH	1					1	
81012600	CONDUIT IN TRENCH, 2" DIA, PVC	FOOT	2292				2215	77	
81012800	CONDUIT IN TRENCH, 3" DIA, PVC	FOOT	95					95	
81012900	CONDUIT IN TRENCH, 3 1/2" DIA, PVC	FOOT	179					179	
81021360	CONDUIT PUSHED, 3 1/2" DIA, PVC	FOOT	232					232	
81306100	JUNCTION BOX (SPECIAL)	EACH	2				2		
81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	3					3	
81400720	DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1					1	
81702130	ELECTRICAL CABLE IN CONDUIT, 600 V (XLP-TYPE USE) 1/C NO. 6	FOOT	5018					5018	
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	2545				2215	330	
82102250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH	8				8		
82102400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	4				4		
83600100	LIGHT POLE FOUNDATION	EACH	2				2		
84200500	REMOVAL OF EXISTING LIGHTING UNIT, SALVAGE	EACH	6				6		
84200700	LIGHTING FOUNDATION REMOVAL	EACH	2				2		
84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	10	2			8		
85700205	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1					1	
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14, 3C	FOOT	357					357	
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14, 5C	FOOT	558					558	
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14, 7C	FOOT	2415					2415	
87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL, 16 FT.	EACH	1					1	
87702980	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	2					2	
87702985	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 52 FT.	EACH	1					1	
87702990	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 54 FT.	EACH	1					1	
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	3.0					3.0	
87800200	CONCRETE FOUNDATION, TYPE D	FOOT	3.0					3.0	
87800415	CONCRETE FOUNDATION, TYPE E, 36-INCH DIAMETER	FOOT	60.0					60.0	
88030020	SIGNAL HEAD, LED, 1 FACE, 3 SECTION, MAST ARM MOUNTED	EACH	8					8	
88030060	SIGNAL HEAD, LED, 1 FACE, 4 SECTION, WITH ONE DUAL-INDICATION SECTION, MAST ARM MOUNTED	EACH	4					4	
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1 FACE, 3 SECTION, BRACKET MOUNTED	EACH	1					1	
88040140	SIGNAL HEAD, POLYCARBONATE, LED, 1 FACE, 4 SECTION, WITH ONE DUAL-INDICATION SECTION, BRACKET MOUNTED	EACH	6					6	
88102710	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED	EACH	2					2	
88102740	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED	EACH	1					1	
88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	12					12	
88700205	LIGHT DETECTOR, SPECIAL	EACH	2					2	
88700300	LIGHT DETECTOR AMPLIFIER	EACH	1					1	
88800100	PEDESTRIAN PUSH BUTTON	EACH	4					4	
89000200	TEMPORARY TRAFFIC SIGNAL INSTALLATION	L SUM	1					1	
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1					1	
89502380	REMOVE EXISTING HANDHOLE	EACH	5					5	
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	5					5	
A2003316	TREE, FRAXINUS AMERICANA (WHITE ASH), 2" CALIPER, BALLED AND BURLAPPED	EACH	1	1					
A2004416	TREE, GINKGO BILOBA (GINKGO), 2" CALIPER, BALLED AND BURLAPPED	EACH	2	2					
A2004716	TREE, GLEDITSIA TRIACANTHOS INERMIS SHADEMASTER (SHADEMASTER THORNLESS COMMON HONEYLOCUST), 2" CALIPER, BALLED AND BURLAPPED	EACH	2	2					
A2005116	TREE, JUGLANS NIGRA (BLACK WALNUT), 2" CALIPER, BALLED AND BURLAPPED	EACH	1	1					
A2006416	TREE, QUERCUS ALBA (WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	2	2					
C2C01624	SHRUB, CORNUS SERICEA (REDOSEIER DOGWOOD) 2' HEIGHT, CONTAINER	EACH	2	2					
C2C02424	SHRUB, DIERVILLA SESSILIFOLIA (SOUTHERN BUSH HONEYSUCKLE), 2' HEIGHT, CONTAINER	EACH	2	2					
X0301007	INLET-MANHOLE, TYPE G-1, 4"-DIAMETER, SPECIAL	EACH	1			1			
X0322033	STORM SEWER (WATER MAIN REQUIREMENTS) 12"	FOOT	210			210			
X0322034	STORM SEWER (WATER MAIN REQUIREMENTS) 15"	FOOT	10			10			
X0322035	STORM SEWER (WATER MAIN REQUIREMENTS) 18"	FOOT	252			252			
X0322125	STORM SEWER (WATER MAIN REQUIREMENTS) 24"	FOOT	79			79			
X0323153	ELECTRIC CABLE IN CONDUIT, GROUND, NO. 6 1/C (GREEN)	FOOT	2645				2645		
X0323481	VIDEO VEHICLE DETECTION SYSTEM, 4 CAMERAS	EACH	1					1	
X6020065	INLETS, TYPE G-1, DOUBLE (SPECIAL)	EACH	2			2			
X6020080	INLETS, TYPE G-1, DOUBLE	EACH	1			1			
XX004923	BATTERY BACK-UP UPS SYSTEM	L SUM	1					1	
XX001159	DRAINAGE STRUCTURE SPECIAL	L SUM	1			1			
XX185100	INLET-MANHOLE, TYPE G-1, 4"-DIAMETER	EACH	2			2			
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1					
Z0041700	PLUG EXISTING STORM SEWERS	EACH	2			2			

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

NOTE: STATUS OF UTILITIES IS BASED ON FIELD SURVEY AND INFORMATION SUPPLIED BY THE UTILITY. THE CONTRACTOR IS RESPONSIBLE TO VERIFY ALL UTILITY INFORMATION BEFORE PROCEEDING WITH CONSTRUCTION.

Ameren-CiCo - Electric
300 Liberty St.
Peoria, IL 61612

Type	Route	Location	Offset	Type of Conflict
Splice Box	Parkway	36+00.18	45.54' LT	Curb Conflict
Splice Box	Parkway	37+01.41	38.83' LT	Curb Conflict
Power Pole	Broadway	86+80.49	36.41' LT	Curb Conflict
Power Pole	Broadway	87+34.52	26.15' LT	Curb Conflict
Power Pole	Broadway	88+70.66	30.13' LT	Curb Conflict
Transformer	Broadway	88+72.49	34.25' LT	Curb Conflict
Vault	Broadway	89+19.36	53.14' LT	Curb Conflict
Splice Box	Broadway	91+16.89	33.83' LT	Curb Conflict
Power Pole	Broadway	91+22.50	27.49' LT	Curb Conflict

Ameren CiCo - Gas
300 Liberty St.
Peoria, IL 61612

Type	Route	Location	Offset	Type of Conflict
Valve	Parkway	34+26.00	47.1' LT	Curb Conflict
Main	Parkway	36+16.50	23.5' LT	Crossing
Main	Parkway	38+48.00	22.8' LT	Crossing
Valve	Broadway	87+40.67	24.8' LT	Curb Conflict
Main	Broadway	88+20.00	17.4' LT	Crossing
Main	Broadway	89+53.00	17.3' LT	Crossing
Main	Broadway	90+40.00	17.6' LT	Crossing
Main	Broadway	92+56.00	18.3' LT	Crossing

Illinois American Water Co.
328 Broadway Road
Peoria, IL 61554-4105

Type	Route	Location	Offset	Type of Conflict
Main	Parkway	29+52.43	23.17' RT	Crossing
Valve	Parkway	32+57.00	39.00' RT	Curb Conflict
Hydrant	Parkway	34+03.93	52.94' RT	Curb Conflict
Valve	Parkway	34+40.14	26.62' LT	Curb Conflict
Valve	Parkway	34+70.00	26.19' LT	Curb Conflict
Main	Parkway	36+25.00	25.61' RT	Crossing
Main	Parkway	38+31.66	26.16' RT	Crossing
Valve	Parkway	38+70.99	24.12' LT	Curb Conflict
Meter (4)	Parkway	38+68.18	26.35' LT	Curb Conflict
Meter (2)	Parkway	41+03.85	23.09' LT	Widening
Hydrant	Broadway	87+28.08	30.97' LT	Curb Conflict
Meter	Broadway	87+69.45	35.70' LT	Curb Conflict
Main	Broadway	88+32.60	23.69' RT	Crossing
Main	Broadway	92+43.36	31.16' LT	Crossing

Peoria Public Works, Wastewater
111 South Capitol St.
Peoria, IL 61554

Type	Route	Location	Offset	Type of Conflict
Manhole	Parkway	28+26.16	40.15' LT	Grade
Manhole	Parkway	31+16.94	2.08' LT	Grade
Manhole	Parkway	37+63.07	6.11' LT	Grade
San Sewer	Parkway	41+21.42	26.71' LT	Crossing

Gallatin River Communications
200 Enterprise Drive
Peoria, IL 61554

Type	Route	Location	Offset	Type of Conflict
Trunk Line	Parkway	33+95.00	46.7' RT	Crossing
Trunk Line	Parkway	33+95.00	46.6' LT	Crossing
Splice Box	Parkway	34+99.59	43.4' LT	Curb Conflict
Splice Box	Parkway	36+99.39	39.3' LT	Curb Conflict
Telephone Pole	Broadway	87+23.92	35.0' RT	Curb Conflict
Vault	Broadway	87+27.03	5.9' LT	Grade
Trunk Line	Broadway	88+19.00	21.6' LT	Crossing
Telephone Pole	Broadway	88+22.31	34.3' RT	Curb Conflict
Telephone Pole	Broadway	89+32.17	37.1' RT	Curb Conflict

SUPERPAVE MIXTURE REQUIREMENTS

LOCATIONS:	BROADWAY STA 86+35 - STA 93+00 PARKWAY STA 26+80 - STA 41+17
MIXTURE USE:	SURFACE COURSE
AC/PG:	SBR or SBS PG 76-22
RAP% (MAX):	0%
DESIGN AIR VOIDS:	4.2% @ Ndes=50
MIXTURE COMPOSITION:	IL 9.5 or 12.5
FRICITION AGGREGATE:	MIXTURE E

LOCATIONS:	BROADWAY STA 86+35 - STA 93+00 PARKWAY STA 26+80 - STA 41+17
MIXTURE USE:	LEVELING BINDER (MM)
AC/PG:	PG 76-22
RAP% (MAX):	0%
DESIGN AIR VOIDS:	4.2% @ Ndes=50
MIXTURE COMPOSITION:	IL 9.5
FRICITION AGGREGATE:	N/A

LOCATIONS:	INCIDENTAL BITUMINOUS SURFACING, SUPERPAVE SEE PLAN
MIXTURE USE:	SURFACE CSE
AC/PG:	PG 64-22
RAP% (MAX):	15% RAP
DESIGN AIR VOIDS:	4.2% @ Ndes=50
MIXTURE COMPOSITION:	IL 9.5 or 12.5
FRICITION AGGREGATE:	MIXTURE C or D

COMMITMENTS

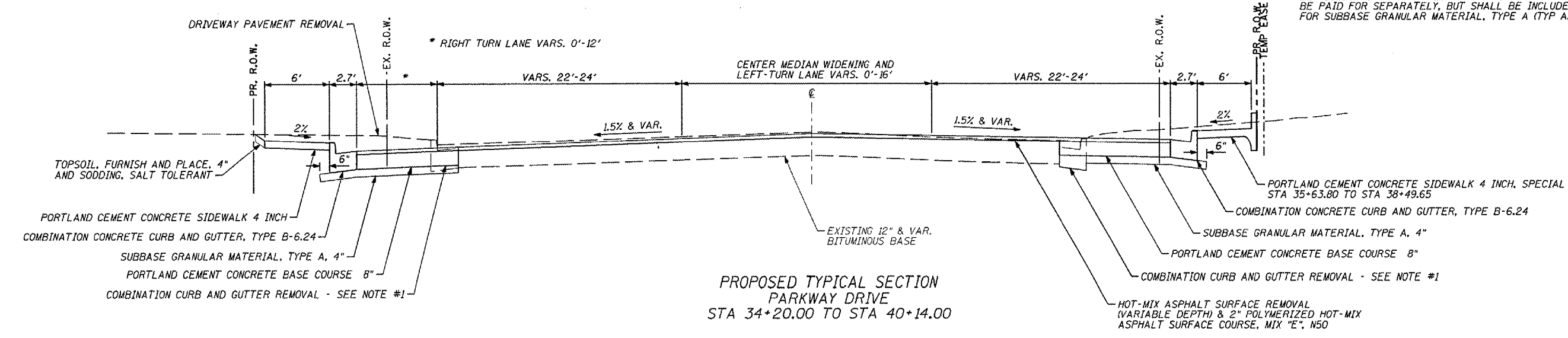
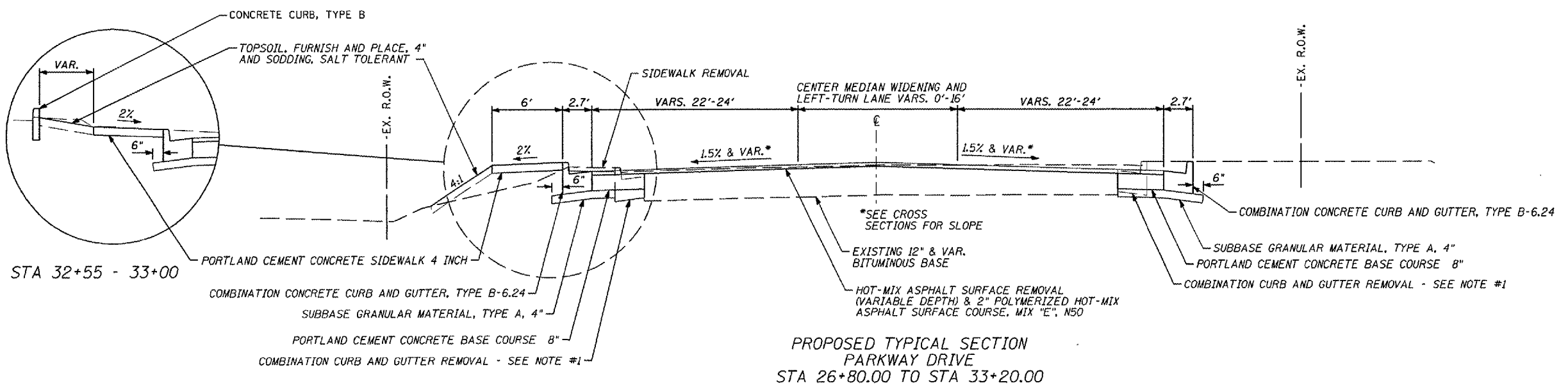
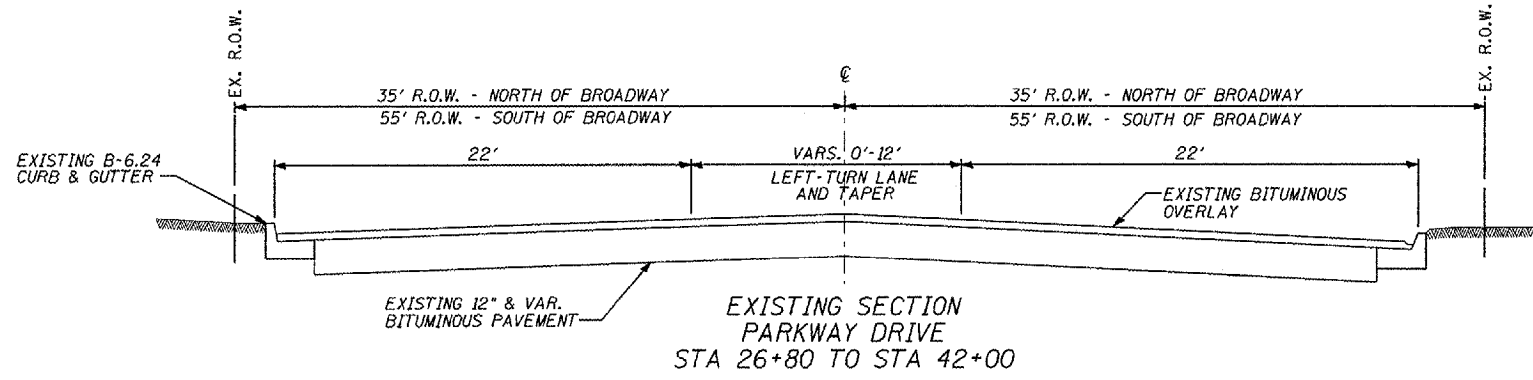
A COMMITMENT HAS BEEN MADE TO PATRICK E. OBERLE TO SAVE THE TREES LOCATED AT PARKWAY STA. 29+25 L.

GENERAL NOTES

1. THE THICKNESS OF BITUMINOUS MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.
2. THE PAVEMENT SURFACE OF ALL COMMERCIAL ENTRANCES AND SIDE ROADS SHALL BE MADE NEATLY, IN A WORKMANLIKE MANNER, AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL BE REQUIRED TO SAWCUT THE PAVEMENT SURFACES TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. THIS WORK SHALL BE INCLUDED IN THE COST OF THE ASSOCIATED PAVING PAY ITEMS.
3. ALL LOCATIONS WHERE NEW CONSTRUCTION ABUTS EXISTING PAVEMENT, CURBS OR SIDEWALK SHALL BE SAWCUT FULL DEPTH. ALL SAW CUTTING OF THE EXISTING PAVEMENT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY DURING CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.26 OF THE STANDARD SPECIFICATIONS. THE J.U.L.I.E. PHONE NUMBER IS 800-892-0123. THE FOLLOWING UTILITY COMPANIES ARE KNOWN TO HAVE PROPERTY WITHIN THE LIMITS OF PROPOSED CONSTRUCTION:
AMEREN CILCO (GAS & ELECTRIC)
ILLINOIS-AMERICAN WATER COMPANY
GALLATIN RIVER COMMUNICATIONS (UNDERGROUND TELEPHONE AND FIBER OPTIC)
CITY OF PEKIN (SANITARY SEWER)
5. TRANSITIONS SHALL BE USED TO MATCH PROPOSED ITEMS OF WORK TO EXISTING ITEMS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE LENGTH OF TRANSITIONS ARE AS INDICATED ON THE PLANS. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEM OF WORK SPECIFIED.
6. WHERE ARTIFICIAL LIGHTING IS UTILIZED IN NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.
7. THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:
GRANULAR MATERIALS 2.05 TON/CU YD
SUPERPAVE MIX "E" 116 LB/SQ YD IN
ALL OTHER BITUMINOUS 112 LB/SQ YD IN
BITUMINOUS MATERIALS (PRIME COAT)
ON EXISTING OR NEW PAVEMENT 0.05 GAL/SQ YD
ON COLD MILLED SURFACE 0.1 GAL/SQ YD
EMULSIFIED ASPHALT (FOG COAT) 0.03 GAL/SQ YD
NITROGEN FERTILIZER NUTRIENTS 0.019 LB/SQ YD (90 LB/AC)
PHOSPHORUS FERTILIZER NUTRIENTS 0.019 LB/SQ YD (90 LB/AC)
POTASSIUM FERTILIZER NUTRIENTS 0.019 LB/SQ YD (90 LB/AC)
8. FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SANDBAGS PER BARRICADE.
9. ALL ELEVATIONS REFER TO U.S.G.S. MEAN SEA LEVEL DATUM. BENCHMARKS ARE AS INDICATED ON THE PLANS.
10. WATER MAIN QUALITY STORM SEWER SHALL BE USED AT LOCATIONS WHERE LATERAL SEPARATION BETWEEN THE SEWER AND WATER MAIN IS LESS THAN 10 FT AND THE WATER MAIN INVERT IS LESS THAN 18" ABOVE THE STORM SEWER CROWN, ACCORDING TO THE STANDARD SPECIFICATIONS FOR SEWER AND WATER MAIN IN ILLINOIS, LATEST EDITION.
11. ENTRANCE TYPE 1 SHALL BE CONSTRUCTED ACCORDING TO SPECIAL DETAIL 2. URBAN ENTRANCES ACCESSIBLE TO THE DISABLED FOR CURBSIDE SIDEWALKS. ENTRANCE TYPE 2 SHALL BE CONSTRUCTED ACCORDING TO SPECIAL DETAIL 3. URBAN ENTRANCES ACCESSIBLE TO THE DISABLED FOR SEPARATED SIDEWALKS. COMMERCIAL ENTRANCES SHALL BE CONSTRUCTED PER DETAIL SHOWN ON GEOMETRICS AND PAVEMENT GRADES SHEET 2. ALL ENTRANCE CONSTRUCTION SHALL BE STAGED TO MAINTAIN ACCESS TO COMMERCIAL ESTABLISHMENTS.
12. ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE IMPROVEMENT.
13. EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION WILL BE RELOCATED AS DIRECTED BY THE ENGINEER. AFTER CONSTRUCTION IS COMPLETED, THE CONTRACTOR SHALL REPLACE THE SIGNS AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT. ANY SIGNS DAMAGED BY THE CONTRACTOR DURING REMOVAL, STORAGE OR REINSTALLATION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
14. ONLY THOSE TREES SHOWN TO BE REMOVED ON THE PLANS SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS/HER OPERATIONS.
15. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL MONUMENTS UNTIL AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR REESTABLISH ANY SECTION OR SUBSECTION MONUMENT DESTROYED BY HIS/HER OPERATIONS.
16. UNLESS DIRECTED BY THE ENGINEER, PAVEMENT MARKING LINES SHALL NOT BE LAID DIRECTLY OVER A LONGITUDINAL CRACK OR JOINT NOR OVER A TAR OR ASPHALT PAINTED LINE. THE EDGE OF A CENTERLINE OR LANE LINE SHALL BE OFFSET A MINIMUM DISTANCE OF 2" FROM A LONGITUDINAL CRACK OR JOINTS.
17. THERE ARE LAWN IRRIGATION LINES AND FIXTURES ON SEVERAL PROPERTIES IN THE VICINITY OF THE PROPOSED PAVEMENT WIDENING. THE CONTRACTOR SHALL NOTIFY PROPERTY OWNERS PRIOR TO ANY EXCAVATION IN THESE AREAS.



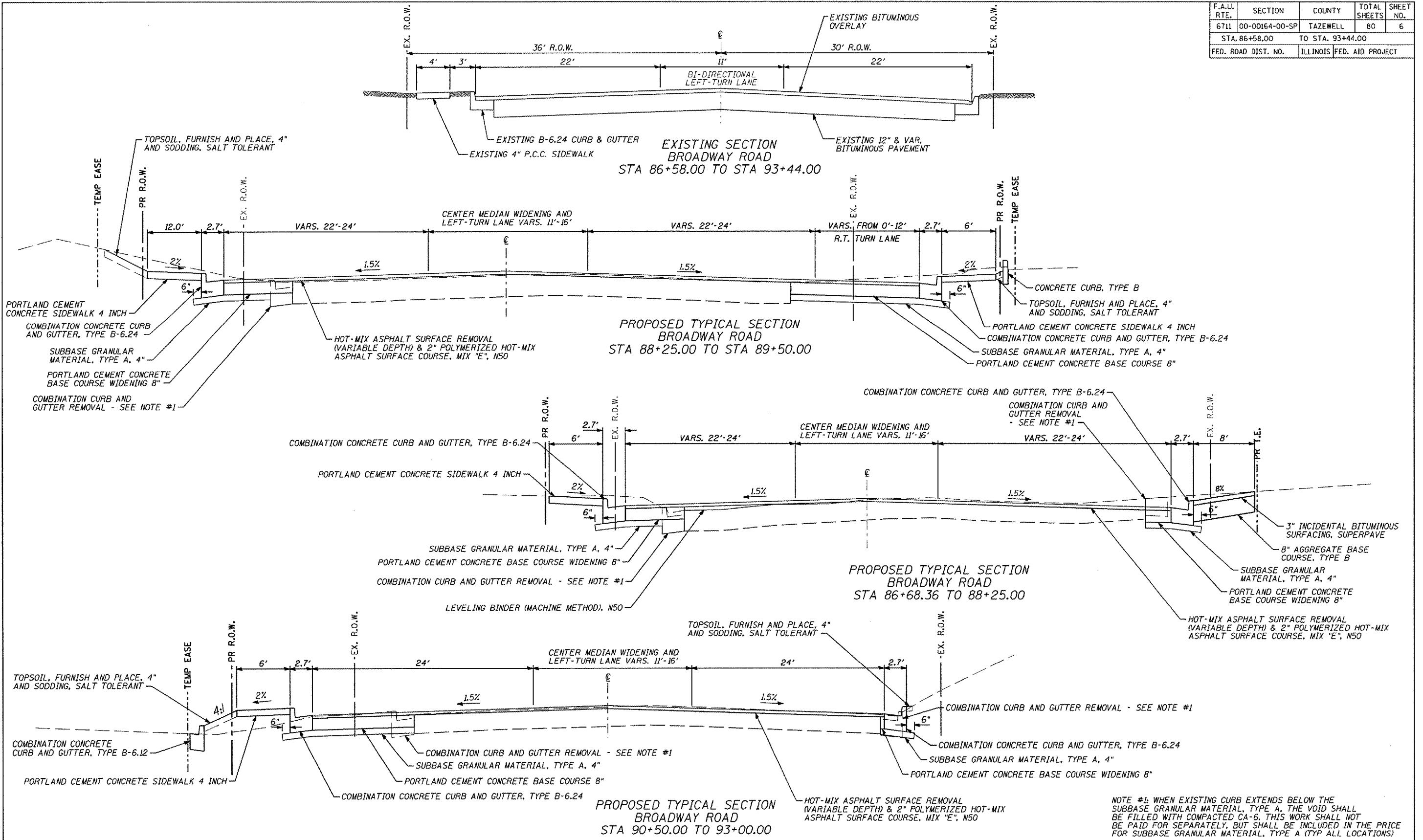
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	5
STA. 27+47.50		TO STA. 39+59.50		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



NOTE #1: WHEN EXISTING CURB EXTENDS BELOW THE SUBBASE GRANULAR MATERIAL, TYPE A, THE VOID SHALL BE FILLED WITH COMPACTED CA-6. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE PRICE FOR SUBBASE GRANULAR MATERIAL, TYPE A (TYP ALL LOCATIONS)



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	6
STA. 86+58.00		TO STA. 93+44.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



MAURER-STUTZ, INC.
DESIGNED

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	7

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

20100110 TREE REMOVAL (6 TO 25 UNITS IN DIAMETER)

LOCATION	LT	UNIT	REMARKS
28+56.00		12.0	
28+56.00	LT	10.0	
28+56.00	LT	9.1	
28+56.00	LT	11.3	
28+56.00	LT	10.7	
34+35.00	LT	11.1	
34+80.65	LT	5.3	
35+17.20	LT	12.9	
35+52.65	LT	4.6	
88+59.84	LT	14.3	
88+87.33	LT	9.5	
TOTAL: 111			

20100210 TREE REMOVAL (OVER 15 UNITS IN DIAMETER)

LOCATION	LT	UNIT	REMARKS
28+88.75		27.9	
TOTAL: 28			

20800150 TRENCH BACKFILL

LOCATION	CU YD	REMARKS
90+51.25 TO 90+63.75 RT	33.3	STORM SEWER SS-4
32+95.00 TO 89+53.00 LT	13.6	STORM SEWER SS-7
90+63.29 TO 90+63.75 RT	3.2	STORM SEWER SS-3
89+52.86 TO 89+53.00 LT	15.6	STORM SEWER SS-8
36+16.47 TO 36+25.00 AR	13.8	STORM SEWER SS-11
38+31.20 TO 38+50.55 AR	73.1	STORM SEWER SS-15
88+15.25 TO 88+21.50 LT	4.2	STORM SEWER SS-9
88+38.50 TO 88+21.50 RT	11.5	STORM SEWER SS-10
92+43.88 TO 92+43.75 LT	3.6	STORM SEWER SS-1
TOTAL: 172		

21101615 TOPSOIL, FURNISH AND PLACE 4"

LOCATION	SQ YD	REMARKS
26+80.00 TO 32+00.00	739.4	
32+00.00 TO 37+50.00	490.3	
37+50.00 TO 40+14.00	195.6	
86+68.36 TO 89+00.00	8.3	
91+00.00 TO 93+00.00	183.3	
TOTAL: 1617		

25200110 SODDING, SALT TOLERANT

LOCATION	SQ YD	REMARKS
26+80.00 TO 32+00.00	698.3	
32+00.00 TO 37+50.00	490.3	
37+50.00 TO 40+14.00	195.6	
86+68.36 TO 89+00.00	8.3	
91+00.00 TO 93+00.00	183.3	
TOTAL: 1576		

28000400 PERIMETER EROSION BARRIER

LOCATION	EQUIT	REMARKS
26+80.00 TO 29+97.00 LT	355.0	
91+00.00 TO 92+60.00 LT	164.0	
TOTAL: 519		

28000500 INLET AND PIPE PROTECTION

LOCATION	EACH	REMARKS
27+84 RT	1	STRUCTURE FES-3
29+52 RT	1	STRUCTURE IN-17
90+51 RT	1	STRUCTURE IN-4
32+11 RT	1	STRUCTURE IN-5
89+53 LT	1	STRUCTURE IN-8
TOTAL: 5		

31100300 SUBBASE GRANULAR MATERIAL, TYPE A, 4"

LOCATION	SQ YD	REMARKS
26+80.00 TO 32+00.00	1040.2	
32+00.00 TO 37+50.00	1535.4	
37+50.00 TO 40+14.00	477.9	
86+68.36 TO 89+00.00	549.4	
91+00.00 TO 93+00.00	359.4	
TOTAL: 3962		

35101400 AGGREGATE BASE COURSE, TYPE B

LOCATION	TONS	REMARKS
29+79.10 TO 30+00.75	91.2	6" PARKING LOT
30+24.82 TO 31+01.73	51.8	8" ENT TY 1 30+65.00 LT
31+56.77 TO 32+21.95	42.3	8" CE 31+96.10 LT
34+92.30 TO 35+64.11	34.3	8" ENT TY 1 35+28.30 RT
35+62.14 TO 36+14.25	30.2	8" ENT TY 1 35+87.80 LT
35+71.20 TO 36+60.77	72.8	8" ENT TY 1 36+17.16 RT
36+20.21 TO 36+77.52	16.9	8" ENT TY 1 36+48.00 LT
36+88.78 TO 37+41.27	29.1	8" CE 37+15.00 RT
37+07.07 TO 37+75.87	18.9	8" ENT TY 1 37+38.00 LT
38+16.75 TO 38+62.46	14.9	8" ENT TY 1 38+40.60 LT
38+46.80 TO 39+00.73	28.2	8" CE 38+74.30 RT
39+10.90 TO 39+80.00	43.0	8" ENT TY 2 39+45.90 LT
40+88.15 TO 41+42.01	30.9	8" ENT TY 2 41+15.00 LT
87+22.37 TO 87+67.80	43.1	8" ENT TY 1 87+50.00 RT
87+67.80 TO 88+31.30	20.9	8" ENT TY 1 88+00.00 RT
88+23.05 TO 88+66.89	22.9	8" ENT TY 1 88+45.00 LT
TOTAL: 591		

35300300 PORTLAND CEMENT CONCRETE BASE COURSE 8"

LOCATION	SQ YD	REMARKS
28+48.71 TO 32+00.00	505.1	
32+00.00 TO 37+50.00	1020.1	
37+50.00 TO 38+43.82	93.8	
87+62.81 TO 89+00.00	319.0	
91+00.00 TO 92+38.57	144.1	
TOTAL: 2082		

35400300 PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 8"

LOCATION	SQ YD	REMARKS
26+90.82 TO 29+24.79	199.3	
32+60.25 TO 37+35.07	95.6	
37+97.31 TO 40+13.95	174.8	
87+19.47 TO 87+45.70	53.9	
92+38.57 TO 92+94.55	56.6	
TOTAL: 580		

40600100 BITUMINOUS MATERIALS (PRIME COAT)

LOCATION	GALLONS	REMARKS
26+80.00 TO 32+00.00	323.3	
32+00.00 TO 37+50.00	564.8	
37+50.00 TO 40+14.00	148.9	
86+68.36 TO 89+00.00	185.7	
91+00.00 TO 93+00.00	136.2	
TOTAL: 1359		

40600300 AGGREGATE (PRIME COAT)

LOCATION	TONS	REMARKS
26+80.00 TO 32+00.00	6.5	
32+00.00 TO 37+50.00	11.3	
37+50.00 TO 40+14.00	3.0	
86+68.36 TO 89+00.00	3.7	
91+00.00 TO 93+00.00	2.7	
TOTAL: 27		

40600625 LEVELING BINDER (MACHINE METHOD), #50

LOCATION	TONS	REMARKS
26+80.00 TO 32+00.00	113.1	
32+00.00 TO 37+50.00	371.7	
38+00.00 TO 40+00.00	138.0	
86+68.36 TO 89+00.00	30.6	
91+00.00 TO 93+00.00	6.3	
TOTAL: 660		

40600982 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

LOCATION	SQ YD	REMARKS
26+80.00 TO 26+90.00 AR	46.9	SOUTH END OF PARKWAY DRIVE
40+04.00 TO 40+14.00 AR	47.6	NORTH END OF PARKWAY DRIVE
86+68.36 TO 86+78.36 AR	60.5	WEST END OF BROADWAY ROAD
86+90.84 TO 87+18.61 LT	30.9	ARROW ROAD
92+90.00 TO 93+00.00 AR	58.0	EAST END OF BROADWAY ROAD
TOTAL: 244		

40600990 TEMPORARY RAMP

LOCATION	SQ YD	REMARKS
26+80.00 TO 26+90.00 AR	31.3	SOUTH END OF PARKWAY DRIVE
40+04.00 TO 40+14.00 AR	31.7	NORTH END OF PARKWAY DRIVE
86+68.36 TO 86+78.36 AR	40.4	WEST END OF BROADWAY ROAD
86+90.84 TO 87+18.61 LT	20.6	ARROW ROAD
92+90.00 TO 93+00.00 AR	38.7	EAST END OF BROADWAY ROAD
TOTAL: 163		

40603560 POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", #50

LOCATION	TONS	REMARKS
26+80.00 TO 32+00.00	281.9	
32+00.00 TO 37+50.00	491.4	
37+50.00 TO 40+14.00	130.5	
86+68.36 TO 89+00.00	161.6	
91+00.00 TO 93+00.00	119.4	
TOTAL: 1185		

40800050 INCIDENTAL HOT-MIX ASPHALT SURFACING

LOCATION	TON	REMARKS
29+79.10 TO 30+00.75 LT	44.8	MONICAL'S PARKING LOT
34+86.47 TO 35+50.63 RT	29.0	BANK ENTRANCE
36+97.27 TO 37+38.55 RT	3.2	PARKING LOT
37+91.95 TO 38+12.16 RT	3.4	PARKING LOT
38+59.00 TO 38+87.00 RT	8.6	PARKING LOT
86+68.36 TO 87+29.76 RT	8.6	BROADWAY LIQUORS PARKING LOT
TOTAL: 98		

42300200 PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH

LOCATION	SQ FT	REMARKS
30+26.27 TO 31+03.18	113.6	ENT TY 1 LT STA 30+65.00
31+56.77 TO 32+21.95	92.7	CE LT STA 31+96.10
34+92.30 TO 35+64.11	75.2	ENT TY 1 RT STA 35+28.30
35+56.14 TO 36+12.60	66.2	ENT TY 1 LT STA 35+86.00
35+71.20 TO 36+60.77	159.7	ENT TY 1 RT STA 36+18.60
36+20.21 TO 36+77.52	37.1	ENT TY 1 LT STA 36+48.00
36+88.78 TO 37+41.27	63.8	CE RT STA 37+15.00
36+99.46 TO 37+75.87	41.4	ENT TY 1 LT STA 37+38.00
38+16.75 TO 38+62.46	32.7	ENT TY 1 LT STA 38+42.00
38+46.80 TO 39+00.73	61.9	CE RT STA 38+74.30
39+10.89 TO 39+80.00	94.2	ENT TY 2 LT STA 39+47.39
40+88.15 TO 41+42.01	67.8	ENT TY 2 LT STA 41+15.00
87+22.37 TO 87+67.80	94.6	ENT TY 1 RT STA 87+50.00
87+67.80 TO 88+31.30	45.8	ENT TY 1 RT STA 88+00.00
88+23.05 TO 88+66.89	50.3	ENT TY 1 LT STA 88+45.00
TOTAL: 1097		



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	8
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

42400100 PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH

LOCATION	SO FT	REMARKS
26+80.00 TO 32+00.00 LT	2428.6	
32+00.00 TO 36+99.46 LT	2068.0	
34+50.00 TO 34+92.30 RT	736.8	
37+75.96 TO 42+00.00 LT	1658.5	
87+28.00 TO 89+00.00 LT	739.8	
88+31.30 TO 89+00.00 RT	413.6	
91+00.00 TO 92+59.82 LT	958.9	
TOTAL: 9004		

42400420 PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH, SPECIAL

LOCATION	SO FT	REMARKS
35+63.80 TO 37+50.00	323.1	
37+50.00 TO 38+49.65	671.8	
TOTAL: 995		

42400800 DETECTABLE WARNINGS

LOCATION	SO FT	REMARKS
33+01.33 TO 33+06.10	10.0	
34+17.55 TO 34+21.98	9.0	
34+19.16 TO 34+23.73	9.0	
87+32.28 TO 87+34.54	6.0	
TOTAL: 34		

44000100 PAVEMENT REMOVAL

LOCATION	SO YD	REMARKS
31+16.53 TO 32+00.00	17.9	
32+00.00 TO 32+86.80	43.5	
TOTAL: 61		

44000198 HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH)

LOCATION	SO YD	REMARKS
26+90.00 TO 32+00.00	1631.1	
33+00.00 TO 37+50.00	1256.1	
37+50.00 TO 40+04.00	239.8	
86+78.38 TO 89+25.00	901.0	
90+75.00 TO 92+90.00	998.6	
TOTAL: 5027		

44000200 DRIVEWAY PAVEMENT REMOVAL

LOCATION	SO YD	REMARKS
27+21.20 TO 27+77.52 LT	23.3	FIELD ENTRANCE
30+40.90 TO 30+88.76 LT	77.5	COMMERCIAL ENTRANCE
31+04.04 TO 31+49.86 LT	76.7	COMMERCIAL ENTRANCE
31+62.08 TO 32+21.87 LT	102.6	COMMERCIAL ENTRANCE
32+54.89 TO 33+07.65 LT	77.1	COMMERCIAL ENTRANCE
35+06.88 TO 35+73.95 LT	32.9	PARKING LOT
35+76.22 TO 35+97.64 LT	53.1	COMMERCIAL ENTRANCE
36+37.32 TO 36+59.48 LT	34.1	COMMERCIAL ENTRANCE
36+59.48 TO 37+00.00 RT	18.4	PARKING LOT
37+00.00 TO 37+50.00 RT	61.7	COMMERCIAL ENTRANCE
34+86.47 TO 35+00.00 RT	34.2	COMMERCIAL ENTRANCE
35+00.00 TO 35+50.63 RT	245.5	COMMERCIAL ENTRANCE
35+51.80 TO 36+95.49 RT	203.6	PARKING LOT
36+93.45 TO 37+37.51 RT	88.1	COMMERCIAL ENTRANCE
37+31.73 TO 37+50.00 RT	9.3	PARKING LOT
37+50.00 TO 38+00.00 LT	71.1	PARKING LOT
38+00.00 TO 38+50.00 LT	64.4	COMMERCIAL ENTRANCE
38+50.00 TO 39+00.00 LT	83.7	COMMERCIAL ENTRANCE
39+00.00 TO 39+50.00 LT	77.3	PARKING LOT
39+50.00 TO 39+98.49 LT	94.7	COMMERCIAL ENTRANCE
41+13.93 TO 41+42.31 LT	21.8	COMMERCIAL ENTRANCE
37+50.00 TO 38+00.00 LT	13.3	PARKING LOT
38+00.00 TO 38+50.00 RT	6.6	PARKING LOT
38+50.00 TO 38+94.65 RT	134.7	COMMERCIAL ENTRANCE
86+68.36 TO 87+00.00 RT	33.3	PARKING LOT
87+00.00 TO 87+50.00 RT	79.8	PARKING LOT
87+50.00 TO 87+69.79 RT	36.5	COMMERCIAL ENTRANCE
87+69.79 TO 88+00.00 RT	63.1	COMMERCIAL ENTRANCE
88+00.00 TO 88+31.42 RT	65.7	COMMERCIAL ENTRANCE
88+32.19 TO 88+56.65 LT	61.5	COMMERCIAL ENTRANCE
88+67.74 TO 89+16.34 RT	94.3	COMMERCIAL ENTRANCE
91+43.21 TO 92+26.71 LT	8.8	PARKING LOT
92+55.79 TO 92+90.60 LT	11.4	COMMERCIAL ENTRANCE
TOTAL: 2160		

44000300 CURB REMOVAL

LOCATION	EQ FT	REMARKS
31+60.83 TO 31+77.10 LT	29.7	COMMERCIAL ENTRANCE
32+10.72 TO 32+21.90 LT	25.0	COMMERCIAL ENTRANCE
32+54.87 TO 32+64.24 LT	23.3	COMMERCIAL ENTRANCE
32+96.55 TO 33+08.73 LT	31.0	COMMERCIAL ENTRANCE
35+39.78 TO 35+50.63 RT	49.3	COMMERCIAL ENTRANCE
35+75.34 TO 35+76.24 LT	24.1	COMMERCIAL ENTRANCE
35+98.17 TO 35+98.37 LT	23.3	COMMERCIAL ENTRANCE
37+29.94 TO 37+29.52 RT	58.2	COMMERCIAL ENTRANCE
37+01.62 TO 37+01.60 RT	64.1	COMMERCIAL ENTRANCE
38+51.59 TO 38+59.69 RT	43.1	COMMERCIAL ENTRANCE
38+89.51 TO 38+89.66 RT	43.8	COMMERCIAL ENTRANCE
87+69.57 TO 87+83.81 RT	31.4	COMMERCIAL ENTRANCE
88+16.27 TO 88+31.42 RT	26.3	COMMERCIAL ENTRANCE
88+34.66 TO 88+34.92 LT	20.3	COMMERCIAL ENTRANCE
88+62.66 TO 88+71.62 RT	26.6	COMMERCIAL ENTRANCE
89+03.06 TO 89+11.41 RT	38.2	COMMERCIAL ENTRANCE
92+54.93 TO 92+60.06 LT	11.7	COMMERCIAL ENTRANCE
TOTAL: 569		

44000500 COMBINATION CURB AND GUTTER REMOVAL

LOCATION	EQ FT	REMARKS
26+80.00 TO 31+00.00 LT	388.2	
26+80.00 TO 31+00.00 RT	520.0	
31+60.73 TO 31+91.16 RT	65.0	MEDIAN
32+15.51 TO 33+36.00 LT	104.5	
32+00.00 TO 33+35.55 RT	156.9	
33+27.81 TO 33+39.77 RT	36.1	ISLAND
33+94.99 TO 34+04.05 LT	36.5	ISLAND
33+96.15 TO 37+50.00 RT	295.1	
34+00.00 TO 37+50.00 LT	363.2	
35+19.24 TO 35+62.66 LT	88.5	MEDIAN
37+50.00 TO 40+14.00 RT	221.4	
37+50.00 TO 40+14.00 LT	264.0	
40+90.14 TO 41+59.30 LT	69.2	
86+68.36 TO 89+25.00 RT	187.7	
86+68.36 TO 86+90.87 LT	39.8	
87+20.37 TO 89+25.00 LT	199.3	
90+75.00 TO 93+00.00 RT	225.0	
90+75.00 TO 93+00.00 LT	184.5	
TOTAL: 3445		

44000600 SIDEWALK REMOVAL

LOCATION	SO FT	REMARKS
26+80.00 TO 30+49.33 LT	1537.7	
30+80.17 TO 31+11.21 LT	98.7	
31+42.60 TO 31+66.86 LT	64.5	
32+10.83 TO 32+63.86 LT	183.9	
33+01.34 TO 33+36.81 LT	204.3	
34+00.47 TO 35+14.27 RT	717.4	
34+03.04 TO 35+97.38 LT	874.3	
35+39.19 TO 37+00.41 RT	667.6	
37+30.15 TO 37+50.00 RT	79.4	
37+50.00 TO 38+59.09 RT	404.7	
38+90.24 TO 39+07.08 RT	67.4	
40+36.04 TO 41+73.62 LT	590.2	
87+25.14 TO 88+32.19 LT	416.6	
88+56.27 TO 89+25.00 LT	280.2	
89+09.36 TO 89+25.00 RT	64.1	
90+75.00 TO 92+59.14 LT	890.1	
TOTAL: 7141		

44003100 MEDIAN REMOVAL

LOCATION	SO YD	REMARKS
31+63.32 TO 31+90.50	13.0	
33+28.35 TO 33+39.36	7.4	
33+95.49 TO 34+03.55	4.0	
35+21.15 TO 35+61.85	24.6	
TOTAL: 49		

44200140 PAVEMENT PATCHING, TYPE I, 12 INCH

LOCATION	SO YD	REMARKS
92+40.00 TO 92+46.00	3.9	STORM SEWER SS-1
TOTAL: 4		

44200144 PAVEMENT PATCHING, TYPE II 12 INCH

LOCATION	SO YD	REMARKS
33+22.75 TO 33+51.80	8.1	
33+51.80 TO 33+81.55	8.8	STORM SEWER SS-5
33+22.90 TO 33+61.00	12.2	
33+61.00 TO 33+86.70	7.5	STORM SEWER SS-7
33+86.70 TO 34+22.95	10.5	STORM SEWER SS-8
36+23.03 TO 36+47.78	9.6	
36+44.60 TO 36+64.81	9.6	STORM SEWER SS-11
38+11.12 TO 38+24.61	12.4	
38+19.25 TO 38+32.79	12.5	STORM SEWER SS-15
88+17.25 TO 88+24.50	6.4	STORM SEWER SS-9
88+21.06 TO 88+35.78	9.1	STORM SEWER SS-10
TOTAL: 107		

50104400 CONCRETE HEADWALL REMOVAL

LOCATION	LT	EACH	REMARKS
29+22.28		1	
29+25.64		1	
TOTAL: 2			

50800105 REINFORCEMENT BARS

LOCATION	LT	ROUND	REMARKS
27+79.04		30.0	18" COLLAR
27+91.63		30.0	18" COLLAR
28+19.00		20.0	D18-1 1/2 HEADWALL
28+91.67		30.0	18" COLLAR
29+52.43		30.0	18" COLLAR
TOTAL: 140			

542A0223 PIPE CULVERTS, CLASS A, TYPE 1, 18"

LOCATION	EX	FES-1	FES-2	EQ FT	REMARKS
EX				45.0	CULVERT CVT-1
FES-2				9.0	CULVERT CVT-2
TOTAL: 54					

54213663 PRECAST REINFORCED CONCRETE END SECTIONS 18"

LOCATION	LT	RT	EACH	REMARKS
28+15.42			1	STRUCTURE FES-1
27+84.18			1	STRUCTURE FES-2
TOTAL: 2				

54248500 CONCRETE HEADWALLS

LOCATION	LT	CU YD	REMARKS
29+19.00		0.7	TYPE D18-1 1/2
TOTAL: 0.7			

54258510 CONCRETE COLLAR

LOCATION	LT	RT	CU YD	REMARKS
27+79.04			0.5	18" COLLAR
27+91.63			0.5	18" COLLAR
28+90.00			0.5	18" COLLAR
29+52.43			0.5	18" COLLAR
TOTAL: 2.0				

550A0050 STORM SEWERS, CLASS A, TYPE 1 12"

LOCATION	IN-6	IN-7	IN-7	IN-9	EQ FT	REMARKS
IN-6					64.8	STORM SEWER SS-6
IN-7					89.4	STORM SEWER SS-7
IN-9					21.6	STORM SEWER SS-9
TOTAL: 176						

550A0070 STORM SEWERS, CLASS A, TYPE 1 15"

LOCATION	IN-1	MH-5	EQ FT	REMARKS
IN-1			14.0	STORM SEWER SS-1
TOTAL: 14				



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	9
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

550A0090 STORM SEWERS, CLASS A, TYPE 1 18"

LOCATION	EQOIT	REMARKS
MH-4 TO HW-1	3.0	STORM SEWER SS-19
TOTAL: 3		

550A0340 STORM SEWERS, CLASS A, TYPE 2 12"

LOCATION	EQOIT	REMARKS
IN-9 TO MH-2	48.9	STORM SEWER SS-8
TOTAL: 49		

550A0380 STORM SEWERS, CLASS A, TYPE 2 18"

LOCATION	EQOIT	REMARKS
EX TO MH-4	33.0	STORM SEWER SS-17
TOTAL: 33		

550A0410 STORM SEWERS, CLASS A, TYPE 2 24"

LOCATION	EQOIT	REMARKS
IN-15 TO IN-16	57.5	STORM SEWER SS-15
IN-16 TO DS(S)	330.4	STORM SEWER SS-16
TOTAL: 388		

60218400 MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID

LOCATION	EACH	REMARKS
29+16.59	1	STRUCTURE MH-4
92+43.75	1	STRUCTURE MH-5
TOTAL: 2		

60221100 MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID

LOCATION	EACH	REMARKS
89+53.00	1	STRUCTURE MH-2
88+21.50	1	STRUCTURE MH-3
TOTAL: 2		

60234200 INLETS, TYPE A, TYPE 1 FRAME, OPEN LID

LOCATION	EACH	REMARKS
36+85.00	1	STRUCTURE IN-13
37+95.00	1	STRUCTURE IN-14
TOTAL: 2		

60241800 INLETS, TYPE G-1

LOCATION	EACH	REMARKS
90+63.29	1	STRUCTURE IN-3 (VANED LEFT)
32+31.67	1	STRUCTURE IN-6 (DIAGONAL)
32+95.00	1	STRUCTURE IN-7 (DIAGONAL)
89+52.86	1	STRUCTURE IN-8 (DIAGONAL)
88+15.25	1	STRUCTURE IN-9 (VANED LEFT)
88+38.50	1	STRUCTURE IN-10 (VANED RIGHT)
36+16.47	1	STRUCTURE IN-11 (DIAGONAL)
36+69.52	1	STRUCTURE IN-12 (DIAGONAL)
TOTAL: 8		

60255500 MANHOLES TO BE ADJUSTED

LOCATION	EACH	REMARKS
31+16.93	1	SANITARY MANHOLE
33+84.56	1	STORM SEWER MANHOLE
37+63.04	1	SANITARY MANHOLE
TOTAL: 3		

60262800 INLETS TO BE RECONSTRUCTED (SPECIAL)

LOCATION	EACH	REMARKS
34+12.39	1	RECONSTRUCT WITH FLAT STEEL TOP
TOTAL: 1		

60500060 REMOVING INLETS

LOCATION	EACH	REMARKS
32+89.79	1	EXISTING CURB INLET
TOTAL: 1		

60500065 REMOVING INLETS, SPECIAL

LOCATION	EACH	REMARKS
29+54.40	1	EXISTING DOUBLE INLET
TOTAL: 1		

60600605 CONCRETE CURB, TYPE B

LOCATION	EQOIT	REMARKS
32+54.87 TO 33+00.00	50.0	LT
33+10.87 TO 33+14.42	12.1	LT
88+62.65 TO 89+00.00	37.6	RT
TOTAL: 99.5		

60603800 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12

LOCATION	EQOIT	REMARKS
31+67.33 TO 31+79.62	27.0	ENTRANCE STA 31+96.10
32+12.58 TO 32+25.08	32.5	ENTRANCE STA 31+96.10
36+85.76 TO 37+02.46	43.9	ENTRANCE STA 37+15.00
37+28.52 TO 37+44.38	44.4	ENTRANCE STA 37+15.00
38+43.75 TO 38+60.28	57.6	ENTRANCE STA 38+74.30
38+88.36 TO 39+03.96	53.1	ENTRANCE STA 38+74.30
91+43.84 TO 91+50.00	6.2	HERGET BANK PARKING LOT
91+50.00 TO 92+00.00	50.0	HERGET BANK PARKING LOT
92+00.00 TO 92+26.71	26.7	HERGET BANK PARKING LOT
TOTAL: 341.5		

60605000 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24

LOCATION	EQOIT	REMARKS
26+80.07 TO 32+00.00	519.9	LT
26+80.07 TO 32+00.00	519.9	RT
32+00.00 TO 33+23.81	160.4	LT
34+03.14 TO 37+50.00	384.3	LT
32+00.00 TO 33+37.11	170.3	RT
34+04.88 TO 37+50.00	390.3	RT
37+50.00 TO 40+14.00	264.0	LT
37+50.00 TO 40+14.00	264.0	RT
87+18.57 TO 89+00.00	150.0	LT
86+68.36 TO 89+00.00	232.0	RT
91+00.00 TO 93+18.45	180.1	LT
91+00.00 TO 93+00.00	200.2	RT
TOTAL: 3435.5		

67100100 MOBILIZATION

LOCATION	L SUM	REMARKS
ENTIRE JOBSITE	1	
TOTAL: 1		

70102625 TRAFFIC CONTROL AND PROTECTION STANDARD 701606

LOCATION	L SUM	REMARKS
ENTIRE JOBSITE	1	
TOTAL: 1		

70102632 TRAFFIC CONTROL AND PROTECTION STANDARD 701602

LOCATION	L SUM	REMARKS
ENTIRE JOBSITE	1	
TOTAL: 1		

70102635 TRAFFIC CONTROL AND PROTECTION STANDARD 701701

LOCATION	L SUM	REMARKS
ENTIRE JOBSITE	1	
TOTAL: 1		

70102640 TRAFFIC CONTROL AND PROTECTION STANDARD 701801

LOCATION	L SUM	REMARKS
ENTIRE JOBSITE	1	
TOTAL: 1		

70300100 SHORT TERM PAVEMENT MARKING

LOCATION	EQOIT	REMARKS
26+80.00 TO 32+00.00	202.8	
32+00.00 TO 37+50.00	475.6	
37+50.00 TO 40+14.00	100.6	
86+70.00 TO 89+00.00	90.4	
91+00.00 TO 93+00.00	75.0	
TOTAL: 944		

70300210 TEMPORARY PAVEMENT MARKINGS - LETTERS AND SYMBOLS

78000100 THERMOPLASTIC PAVEMENT MARKINGS - LETTERS AND SYMBOLS

LOCATION	CL	RT	EQOIT	REMARKS
31+52.00			8.8	WHITE LT ARROW - URBAN
33+02.00			14.7	WHITE RT/TH ARROW - URBAN
33+02.00			8.8	WHITE LT ARROW - URBAN
33+02.00			14.7	WHITE RT/TH ARROW - URBAN
34+50.00			8.8	WHITE RT ARROW - URBAN
34+50.00			8.8	WHITE LT ARROW - URBAN
35+50.00			8.8	WHITE RT ARROW - URBAN
35+50.00			8.8	WHITE LT ARROW - URBAN
89+13.50			8.8	WHITE LT ARROW - URBAN
89+15.00			8.8	WHITE RT ARROW - URBAN
90+80.00			14.7	WHITE RT ARROW - URBAN
90+80.00			8.8	WHITE LT ARROW - URBAN
88+36.00			8.8	WHITE RT/TH ARROW - URBAN
88+40.00			8.8	WHITE LT ARROW - URBAN
91+80.00			14.7	WHITE RT/TH ARROW - URBAN
91+80.00			8.8	WHITE LT ARROW - URBAN
TOTAL: 164				

70300220 TEMPORARY PAVEMENT MARKING - 4'

78000200 THERMOPLASTIC PAVEMENT MARKING - 4'

LOCATION	EQOIT	REMARKS
26+80.00 TO 32+00.00	130.0	WHITE SKIP DASH LINE
31+30.00 TO 32+00.00	73.2	WHITE LANE LINE
31+30.00 TO 32+00.00	73.2	WHITE LANE LINE
26+80.00 TO 32+00.00	130.0	WHITE SKIP DASH LINE
32+00.00 TO 33+30.00	32.5	WHITE SKIP DASH LINE
32+00.00 TO 33+30.00	130.0	WHITE LANE LINE
32+00.00 TO 33+30.00	130.0	WHITE LANE LINE
32+00.00 TO 33+30.00	32.5	WHITE SKIP DASH LINE
34+24.00 TO 37+50.00	81.5	WHITE SKIP DASH LINE
34+24.00 TO 35+62.00	141.2	WHITE LANE LINE
34+24.00 TO 35+62.00	141.2	WHITE LANE LINE
34+24.00 TO 37+50.00	81.5	WHITE SKIP DASH LINE
37+50.00 TO 40+14.00	66.0	WHITE SKIP DASH LINE
37+50.00 TO 40+14.00	66.0	WHITE SKIP DASH LINE
86+68.36 TO 89+42.75	68.6	WHITE SKIP DASH LINE
88+24.75 TO 89+42.75	121.2	WHITE LANE LINE
88+24.75 TO 89+42.75	121.2	WHITE LANE LINE
86+68.36 TO 89+42.75	68.6	WHITE SKIP DASH LINE
90+52.00 TO 91+00.00	12.0	WHITE SKIP DASH LINE
90+52.00 TO 91+00.00	48.0	WHITE LANE LINE
90+52.00 TO 91+00.00	48.0	WHITE LANE LINE
90+52.00 TO 91+00.00	12.0	WHITE SKIP DASH LINE
91+00.00 TO 93+00.00	50.0	WHITE SKIP DASH LINE
91+00.00 TO 92+00.00	103.2	WHITE LANE LINE
91+00.00 TO 92+00.00	103.2	WHITE LANE LINE
91+00.00 TO 93+00.00	50.0	WHITE SKIP DASH LINE
WHITE SUBTOTAL: 2114.8		



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	10
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

70300220 TEMPORARY PAVEMENT MARKING - 4"				
78000200 THERMOPLASTIC PAVEMENT MARKING - 4"				
26+80.00	TO	32+00.00	LT	520.0
26+80.00	TO	32+00.00	LT	520.0
27+30.00	TO	31+25.00	RT	395.0
27+50.00	TO	31+30.00	RT	380.0
32+00.00	TO	33+30.00	RT	130.0
32+00.00	TO	33+30.00	RT	130.0
34+24.00	TO	37+50.00	RT	326.0
34+24.00	TO	37+50.00	RT	326.0
35+64.00	TO	37+50.00	LT	186.0
35+76.50	TO	37+50.00	LT	173.5
37+50.00	TO	40+14.00	LT	264.0
37+50.00	TO	40+14.00	LT	264.0
37+50.00	TO	39+44.00	RT	194.0
37+50.00	TO	39+64.00	RT	214.0
86+68.36	TO	87+24.00	LT	55.6
86+68.36	TO	87+24.00	RT	13.9
86+68.36	TO	87+24.00	RT	13.9
86+68.36	TO	87+24.00	RT	55.6
87+24.00	TO	89+42.75	LT	218.8
87+24.00	TO	89+42.75	LT	218.8
90+52.00	TO	91+00.00	RT	48.0
90+52.00	TO	91+00.00	RT	48.0
91+00.00	TO	92+50.00	RT	150.0
91+00.00	TO	92+50.00	RT	150.0
92+50.00	TO	93+00.00	LT	50.0
92+50.00	TO	93+00.00	LT	12.5
92+50.00	TO	93+00.00	RT	12.5
92+50.00	TO	93+00.00	RT	50.0
YELLOW SUBTOTAL:				5120.1
TOTAL:				7235

70300250 TEMPORARY PAVEMENT MARKING - 8"				
78000500 THERMOPLASTIC PAVEMENT MARKING - 8"				
32+95.40	TO	33+39.70	LT	44.3
33+04.30	TO	34+12.10	LT	111.3
33+09.50	TO	34+16.60	LT	112.6
34+03.40	TO	34+11.40	LT	8.0
34+07.90	TO	34+11.40	LT	5.5
34+17.40	TO	34+45.25	LT	28.8
34+17.40	TO	35+57.25	LT	139.9
88+20.30	TO	89+00.00	RT	79.7
88+95.50	TO	89+00.00	RT	4.5
89+00.00	TO	89+48.40	RT	48.4
89+00.00	TO	89+48.40	RT	52.0
89+48.30	TO	89+52.10	LT	5.2
89+52.10	TO	90+00.00	LT	47.9
89+54.40	TO	89+69.70	RT	15.3
89+54.40	TO	89+69.70	RT	24.9
89+54.60	TO	90+00.00	LT	45.4
90+00.00	TO	90+46.70	LT	46.7
90+00.00	TO	90+49.60	LT	49.6
90+49.60	TO	90+51.60	LT	3.0
TOTAL:				873

70300260 TEMPORARY PAVEMENT MARKING - 12"				
78000600 THERMOPLASTIC PAVEMENT MARKING - 12"				
27+66.39	TO	30+99.28	CL	132.7
31+33.73	TO	31+19.28	RT	22.0
27+86.39	TO	31+39.28	RT	33.0
33+06.94	TO	34+24.31	LT	76.5
34+27.84	TO	34+44.31	RT	38.5
35+87.91	TO	37+46.24	CL	66.7
37+57.04	TO	38+02.34	CL	51.1
88+35.59	TO	38+22.34	RT	22.0
89+08.85	TO	89+46.42	RT	37.4
89+15.59	TO	89+41.01	RT	11.0
90+59.53	TO	90+84.94	LT	11.0
90+99.53	TO	91+84.94	LT	27.5
TOTAL:				529

70300280 TEMPORARY PAVEMENT MARKING - 24"				
78000650 THERMOPLASTIC PAVEMENT MARKING - 24"				
33+11.70	TO	33+24.62	LT	13.5
33+39.50	TO	33+79.92	LT	40.0
33+64.00	TO	34+12.87	RT	50.0
89+52.51	TO	89+65.78	LT	14.0
89+70.46	TO	90+10.40	LT	40.4
89+93.26	TO	90+58.10	RT	70.5
TOTAL:				228

70301000 WORK ZONE PAVEMENT MARKING REMOVAL				
LOCATION	SO. FT.	REMARKS		
LETTERS AND SYMBOLS	164.4			
LINE 4"	2411.6			
LINE 8"	582.0			
LINE 12"	529.4			
LINE 24"	456.8			
TOTAL:				4144

72300100 INSTALL EXISTING SIGN PANEL				
LOCATION	SO. FT.	REMARKS		
MA-1	15.0	"BROADWAY ROAD"		
MA-2	15.0	"PARKWAY DRIVE"		
MA-3	15.0	"BROADWAY ROAD"		
MA-4	15.0	"PARKWAY DRIVE"		
TOTAL:				60

A2003316 TREE, FRAXINUS AMERICANA (WHITE ASH), 2" CALIPER, BALLED AND BURLAPPED				
LOCATION	EACH	REMARKS		
CONTACT CITY FOR PLANTING LOCATION	1	REPLACE TREES REMOVED IN VICINITY OF STA 28+50 - 29+50		
TOTAL:				1

A2004416 TREE, GINKGO BILOBA (GINKGO), 2" CALIPER, BALLED AND BURLAPPED				
LOCATION	EACH	REMARKS		
CONTACT CITY FOR PLANTING LOCATION	1	REPLACE TREES REMOVED IN VICINITY OF STA 34+50		
TOTAL:				2

A2004716 TREE, GLEDITSIA TRIACANTHOS INERMIS SHADEMASTER (SHADEMASTER THORNLESS COMMON HONEYLOCUST), 2" CALIPER, BALLED AND BURLAPPED				
LOCATION	EACH	REMARKS		
CONTACT CITY FOR PLANTING LOCATION	1	REPLACE TREES REMOVED IN VICINITY OF STA 34+50		
TOTAL:				2

A2005116 TREE, JUGLANS NIGRA (BLACK WALNUT), 2" CALIPER, BALLED AND BURLAPPED				
LOCATION	EACH	REMARKS		
CONTACT CITY FOR PLANTING LOCATION	1	REPLACE TREES REMOVED IN VICINITY OF STA 28+50 - 29+50		
TOTAL:				1

A2006416 TREE, QUERCUS ALBA (WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED				
LOCATION	EACH	REMARKS		
CONTACT CITY FOR PLANTING LOCATION	1	REPLACE TREES REMOVED IN VICINITY OF STA 28+50 - 29+50		
TOTAL:				2

C2C01624 SHRUB, CORNUS SERICEA (REDOSIER DOGWOOD) 2' HEIGHT, CONTAINER				
LOCATION	EACH	REMARKS		
CONTACT CITY FOR PLANTING LOCATION	1	REPLACE TREES REMOVED IN VICINITY OF STA 88+50 - 88+87		
TOTAL:				2

C2C02424 SHRUB, DIERVILLA SESSILIFOLIA (SOUTHERN BUSH HONEYSUCKLE), 2' HEIGHT, CONTAINER				
LOCATION	EACH	REMARKS		
CONTACT CITY FOR PLANTING LOCATION	1	REPLACE TREES REMOVED IN VICINITY OF STA 34+50		
TOTAL:				2

X0301007 INLET-MANHOLE, TYPE G-1, 4'-DIAMETER, SPECIAL				
LOCATION	EACH	REMARKS		
90+51.25	1	STRUCTURE IN-4		
TOTAL:				1

X0322033 STORM SEWER (WATER MAIN REQUIREMENTS) 12"				
LOCATION	EACH	REMARKS		
IN-3	16.7	STORM SEWER SS-3		
IN-10	59.3	STORM SEWER SS-10		
IN-11	86.5	STORM SEWER SS-11		
IN-13	10.3	STORM SEWER SS-12		
IN-14	37.5	STORM SEWER SS-14		
TOTAL:				210

X0322034 STORM SEWER (WATER MAIN REQUIREMENTS) 15"				
LOCATION	EACH	REMARKS		
IN-17	9.5	STORM SEWER SS-18		
TOTAL:				10

X0322035 STORM SEWER (WATER MAIN REQUIREMENTS) 18"				
LOCATION	EACH	REMARKS		
IN-5	93.0	STORM SEWER SS-4		
IN-12	158.7	STORM SEWER SS-13		
TOTAL:				252

X0322125 STORM SEWER (WATER MAIN REQUIREMENTS) 24"				
LOCATION	EACH	REMARKS		
IN-4	79.1	STORM SEWER SS-5		
TOTAL:				79

X6020065 INLETS, TYPE G-1, DOUBLE (SPECIAL)				
LOCATION	EACH	REMARKS		
32+07.50	1	STRUCTURE IN-5 (DIAGONAL)		
29+56.50	1	STRUCTURE IN-17 (DIAGONAL)		
TOTAL:				2

X6020080 INLETS, TYPE G-1, DOUBLE				
LOCATION	EACH	REMARKS		
92+47.40	1	STRUCTURE IN-1 (VANED LEFT)		
TOTAL:				1

XX001159 DRAINAGE STRUCTURE SPECIAL				
LOCATION	EACH	REMARKS		
41+49.00	1			
TOTAL:				1

XX185100 INLET-MANHOLE, TYPE G-1, 4'-DIAMETER				
LOCATION	EACH	REMARKS		
38+31.00	1	STRUCTURE IN-15 (DIAGONAL)		
38+10.25	1	STRUCTURE IN-16 (DIAGONAL)		
TOTAL:				2

Z0013798 CONSTRUCTION LAYOUT				
LOCATION	L. SUM	REMARKS		
ENTIRE JOBSITE	1			
TOTAL:				1

Z0041700 PLUG EXISTING STORM SEWERS				
LOCATION	EACH	REMARKS		
32+90.00	1			
33+75.00	1			
TOTAL:				2



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	11
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

EARTHWORK SCHEDULE

LOCATION		20200100 EARTH EXCAVATION (CUT)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (25%)	EMBANKMENT (FILL)	EARTHWORK BALANCE WASTE (SHORTAGE)
FROM	TO	CU YD	CU YD	CU YD	CU YD
Parkway Drive					
27+00.00	32+00.00	341.8	256.3	197.2	59.1
32+00.00	37+50.00	911.9	683.9	7.7	676.2
37+50.00	40+14.00	354.3	265.7	3.0	262.7
Broadway Road					
87+00.00	89+50.00	302.0	226.5	0.0	226.5
90+00.00	93+00.00	123.8	92.8	29.3	63.6
Parking Lot					
29+79.10	30+00.75	66.7	50.0	0.0	50.0
Entrances					
30+26.27	31+03.18	4.7	3.6	0.0	3.6
31+56.77	32+21.95	3.9	2.9	0.0	2.9
34+92.30	35+64.11	3.1	2.4	0.0	2.4
35+62.14	36+14.25	2.8	2.1	0.0	2.1
35+71.20	36+60.77				
36+20.21	36+77.52	1.5	1.2	0.0	1.2
36+88.78	37+41.27	2.7	2.0	0.0	2.0
36+99.46	37+75.87	1.7	1.3	0.0	1.3
38+16.75	38+62.46	1.4	1.0	0.0	1.0
38+46.80	39+00.73	2.6	1.9	0.0	1.9
39+10.90	39+80.00	3.9	2.9	0.0	2.9
40+88.15	41+42.01	2.8	2.1	0.0	2.1
87+22.37	87+67.80	3.9	3.0	0.0	3.0
87+67.80	88+31.30	1.9	1.4	0.0	1.4
88+23.05	88+66.89	2.1	1.6	0.0	1.6
TOTALS		2135	1601	237	1364
		20200100 EARTH EXCAVATION			
		2135 CU YD			

ENTRANCE SCHEDULE

LOCATION	REMARKS	LENGTH	WIDTH	PCC DRIVEWAY PAVEMENT 6" SQ YD	EARTH EXCAVATION CU YD	8" AGG BASE COURSE TYPE B TON
				42300200	20200110	35101400
Construction Details Sheet 1						
LT STA	30+65.00	ENT TY 1	19.5	35.0	113.6	4.7
LT STA	31+96.10	CE	21.9	33.0	92.7	3.9
Construction Details Sheet 2						
RT STA	35+28.30	ENT TY 1	12.0	35.0	75.2	3.1
LT STA	35+86.00	ENT TY 1	17.2	20.0	66.2	2.8
RT STA	36+18.60	ENT TY 1	26.3	24.0	159.7	6.7
LT STA	36+48.00	ENT TY 1	7.9	20.5	37.1	1.5
RT STA	37+15.00	CE	14.5	25.0	63.8	2.7
LT STA	37+38.00	ENT TY 1	7.1	35.0	41.4	1.7
Construction Details Sheet 3						
LT STA	38+42.00	ENT TY 1	8.9	28.0	32.7	1.4
RT STA	38+74.30	CE	13.5	28.0	61.9	2.6
LT STA	39+47.39	ENT TY 2	15.3	28.0	94.2	3.9
LT STA	41+15.00	ENT TY 2	12.5	24.0	67.8	2.8
Construction Details Sheet 4						
RT STA	87+50.00	ENT TY 1	12.0	35.0	94.6	3.9
RT STA	88+00.00	ENT TY 1	17.3	30.0	45.8	1.9
LT STA	88+45.00	ENT TY 1	16.0	19.0	50.3	2.1

NOTE: QUANTITIES INCLUDED IN INDIVIDUAL PAY ITEM SCHEDULES



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	12
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

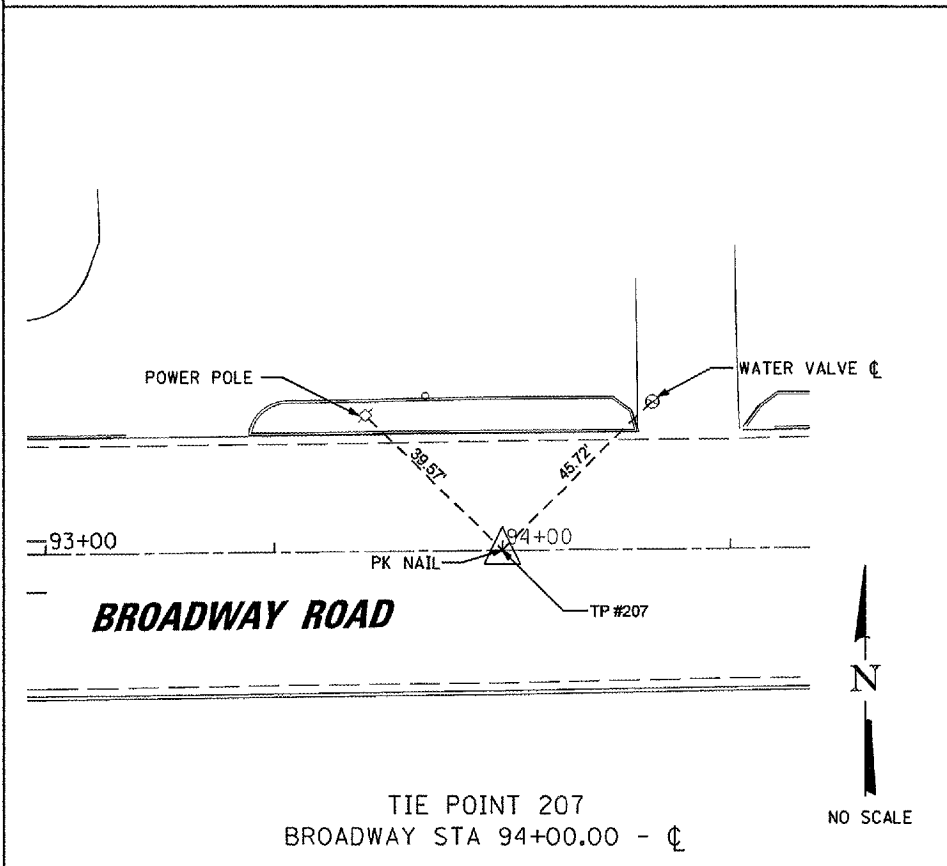
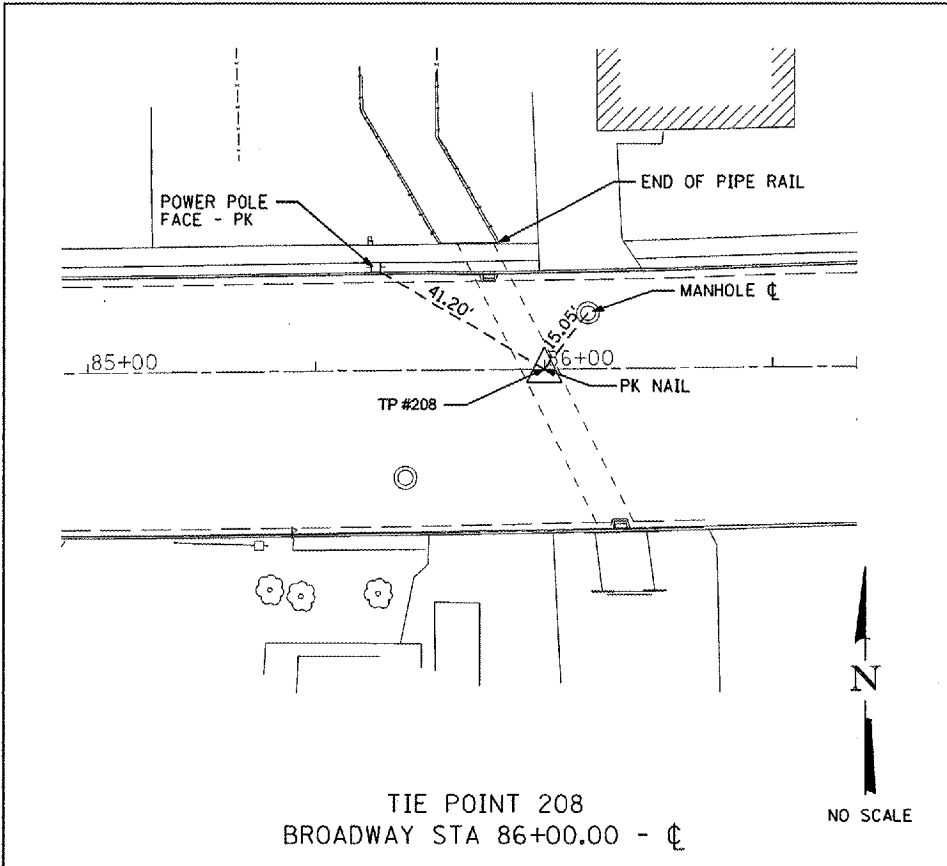
BITUMINOUS SCHEDULE

STATION	WIDTH		PORTLAND CEMENT CONCRETE BASE COURSE 8"	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 8"	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N50	LEVELING BINDER (MACHINE METHOD), N50	SUBBASE GRANULAR MATERIAL, TYPE A, 4"	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	TEMPORARY RAMP	HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE)	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)
	LEFT	RIGHT	SO YD	SO YD	TON	TON	SO YD	SO YD	SO YD	SO YD	GALLON	TON
Construction Details Sheet 1												
26+80.00 TO 27+00.00	0.2	0.9		0.6	8.7		14.8	46.9	31.3	46.6	9.3	0.19
27+00.00 TO 27+50.00	2.6	1.8		25.6	22.6		64.4			235.1	26.0	0.52
27+50.00 TO 28+00.00	4.1	3.7	12.5	43.7	24.1	1.6	82.6			209.1	27.7	0.55
28+00.00 TO 28+50.00	6.8	4.6	29.7	55.1	25.1	5.2	93.9			155.1	28.8	0.58
28+50.00 TO 29+00.00	7.0	5.0	38.8	27.7	26.0	7.2	105.7			153.9	29.8	0.60
29+00.00 TO 29+50.00	8.0	6.3	61.9	15.6	26.9	8.7	119.2			149.5	30.9	0.62
29+50.00 TO 30+00.00	9.2	7.0	89.7		27.8	8.0	129.4			157.7	32.0	0.64
30+00.00 TO 30+50.00	8.3	9.1	97.1		29.0	7.0	136.0			184.1	33.4	0.67
30+50.00 TO 31+00.00	6.8	9.2	88.9	19.9	30.0	10.1	118.8			173.1	34.5	0.69
31+00.00 TO 31+50.00	1.92	8.9	45.2	11.1	30.8	21.8	95.2			120.8	35.4	0.71
31+50.00 TO 32+00.00		7.4	41.3		30.9	43.5	80.2			46.1	35.6	0.71
Construction Details Sheet 2												
32+00.00 TO 32+50.00		7.3	40.7		31.0	68.5	81.2				35.7	0.7
32+50.00 TO 33+00.00	10.9	10.3	80.2	6.2	37.2	97.2	126.4				42.8	0.9
33+00.00 TO 33+50.00	32.9	16.1	206.7		75.8	72.7	259.7				87.1	1.7
33+50.00 TO 34+00.00					96.7	22.4	31.1			260.4	111.1	2.2
34+00.00 TO 34+50.00	7.44	22.7	138.1	43.2	51.5	10.1	207.0			277.7	59.2	1.2
34+50.00 TO 35+00.00	7.3	11.1	84.4	11.7	36.8	4.3	129.4			250.7	42.3	0.8
35+00.00 TO 35+50.00	9.2	11.2	112.9		36.7	2.1	151.4			239.3	42.2	0.8
35+50.00 TO 36+00.00	9.6	11.6	118.0		35.7	5.1	156.9			188.1	41.0	0.8
36+00.00 TO 36+50.00	7.9	10.4	101.4		32.5	13.8	142.2			39.9	37.4	0.7
36+50.00 TO 37+00.00	6.9	9.7	77.5	11.7	29.6	30.0	128.4				34.0	0.7
37+00.00 TO 37+50.00	6.0	8.7	60.2	22.8	27.8	45.6	121.6				32.0	0.6
Construction Details Sheet 3												
37+50.00 TO 38+00.00	6.1	7.7	63.0	13.2	26.9	54.6	115.0				30.9	0.6
38+00.00 TO 38+50.00	5.3	6.4	30.8	33.5	25.8	46.2	105.8				29.7	0.6
38+50.00 TO 39+00.00	4.6	5.3		54.9	24.9	27.1	94.3				28.6	0.6
39+00.00 TO 39+50.00	4.0	4.1		45.0	24.0	9.8	84.8			20.9	27.5	0.6
39+50.00 TO 40+00.00	2.5	2.4		27.2	22.8	0.3	66.2			199.5	25.7	0.5
40+00.00 TO 40+14.00	0.2	0.5		1.1	6.1		11.9	47.6	31.7	19.4	6.5	0.1
Construction Details Sheet 4												
86+68.36 TO 87+00.00		0.9		6.6	19.9		17.7	60.5	40.4	128.1	22.9	0.5
87+00.00 TO 87+50.00	5.5	4.0		39.4	35.1	3.8	45.4	30.9	20.6	239.1	40.4	0.8
87+50.00 TO 88+00.00	7.4	8.3	72.6	7.9	33.2	7.8	35.6			151.1	38.2	0.8
88+00.00 TO 88+50.00	9.9	11.7	119.9		36.2	9.7	124.7			140.7	41.7	0.8
88+50.00 TO 89+00.00	9.6	13.2	126.4		37.1	9.4	160.6			143.7	42.6	0.9
89+00.00 TO 89+25.00							165.4			98.3		
Construction Details Sheet 5												
90+75.00 TO 91+00.00										96.4		
91+00.00 TO 91+50.00	10.0	1.9	55.4	10.5	31.1	4.5	104.7			156.1	35.8	0.7
91+50.00 TO 92+00.00	9.9	1.7	54.8	9.6	30.9	1.8	103.3			223.7	35.6	0.7
92+00.00 TO 92+50.00	7.8	1.9	33.9	16.2	29.6		91.6			290.6	34.1	0.7
92+50.00 TO 93+00.00	2.6	1.0		20.2	27.7		59.8	58.0	38.7	231.8	30.8	0.6

NOTE: QUANTITIES INCLUDED IN INDIVIDUAL PAY ITEM SCHEDULES

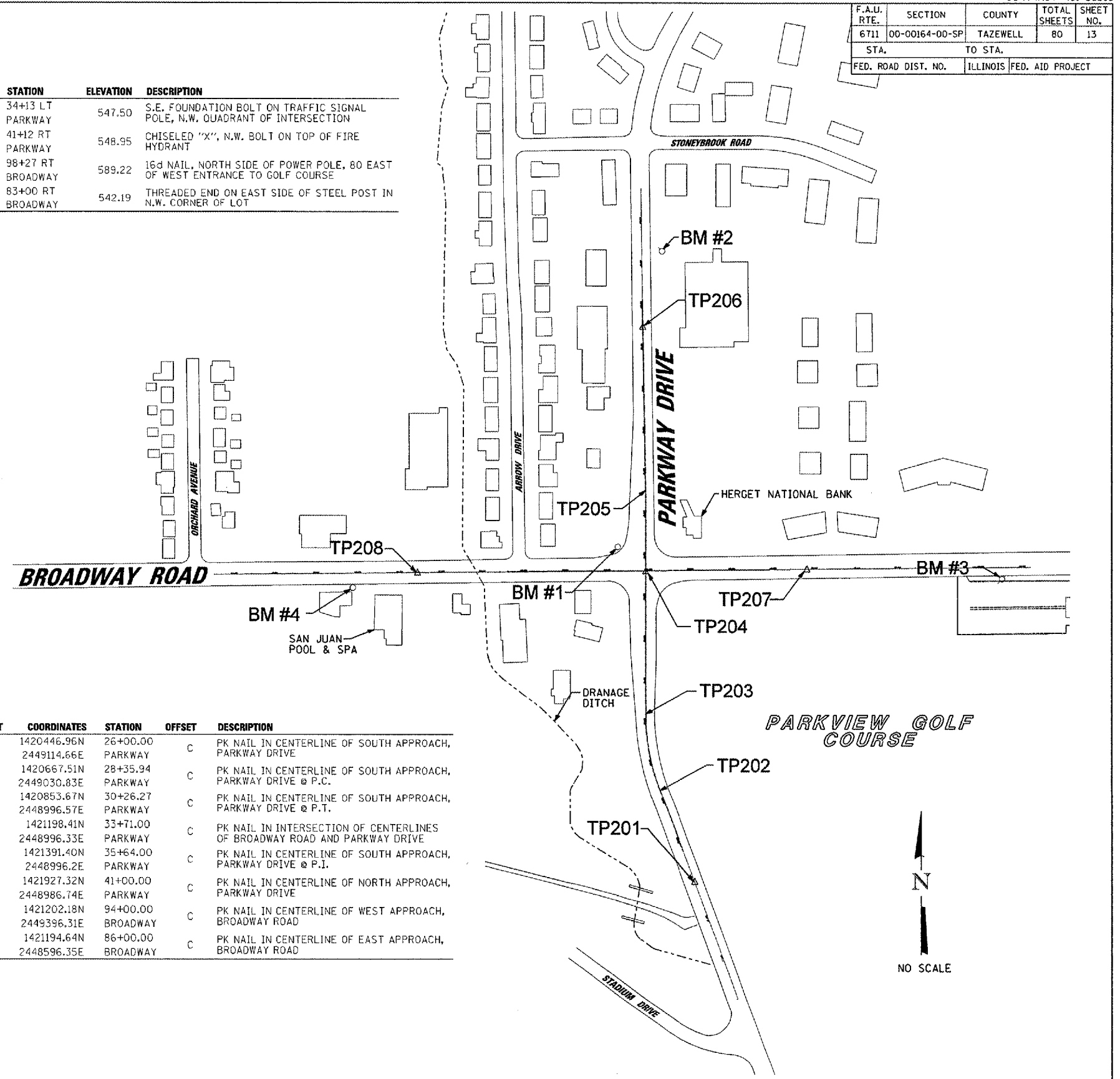


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	13
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



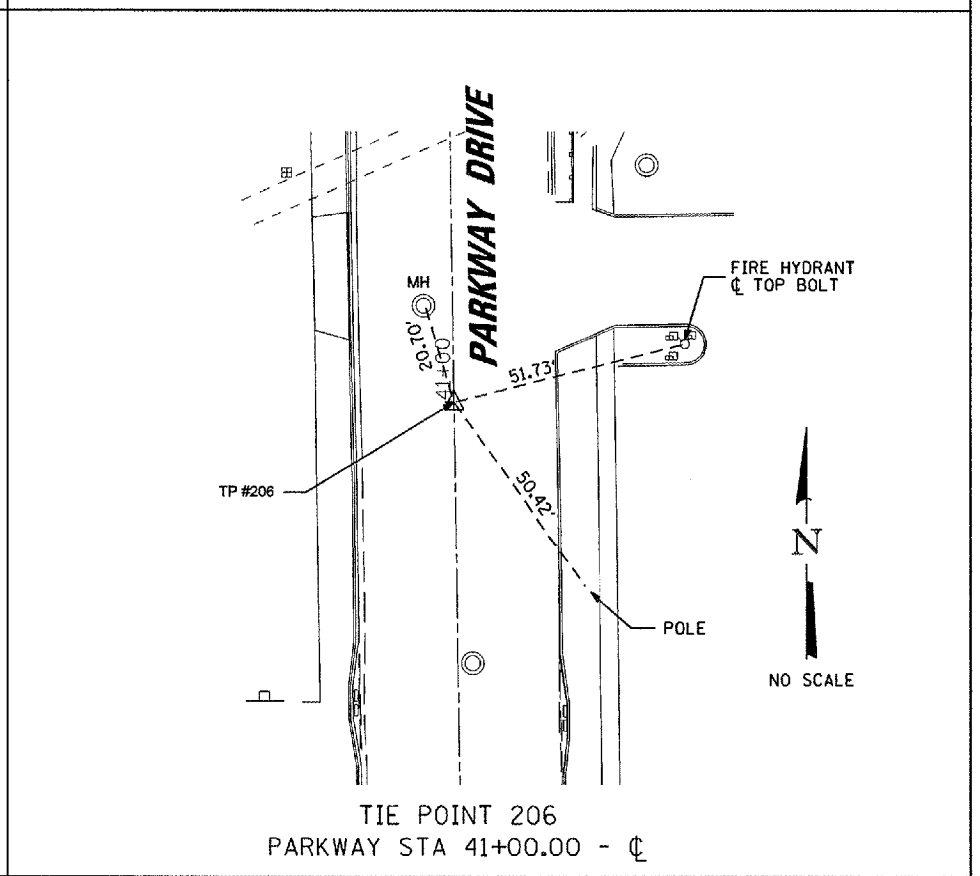
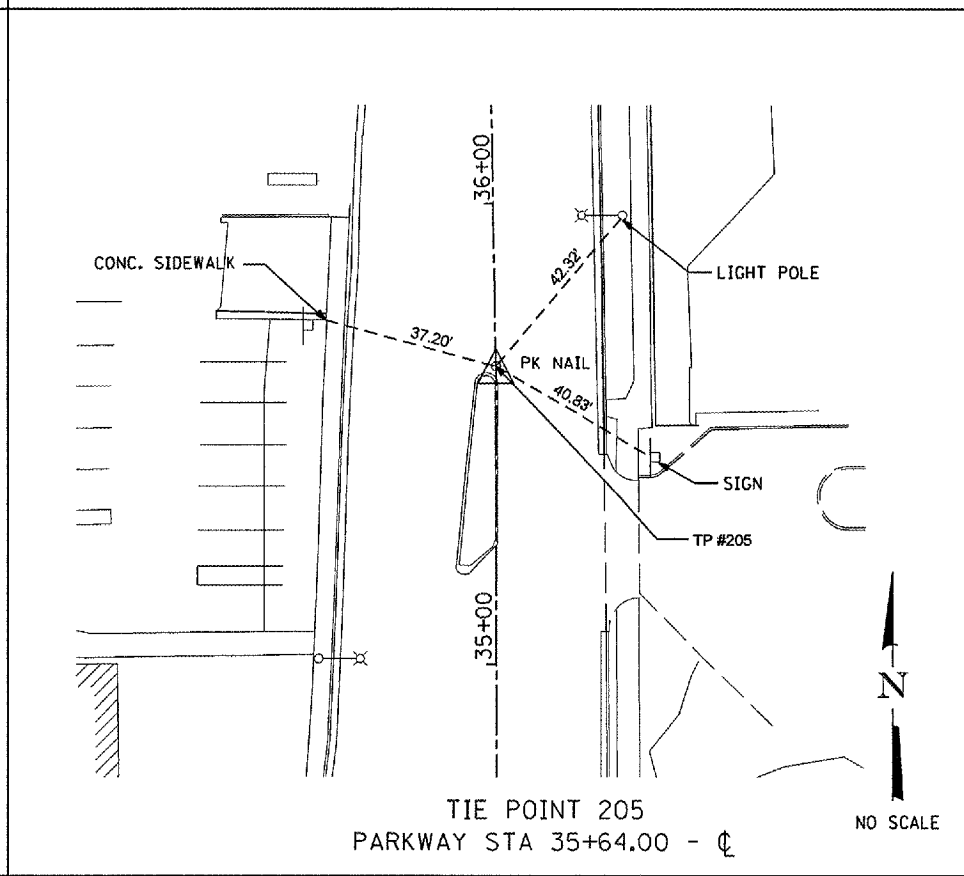
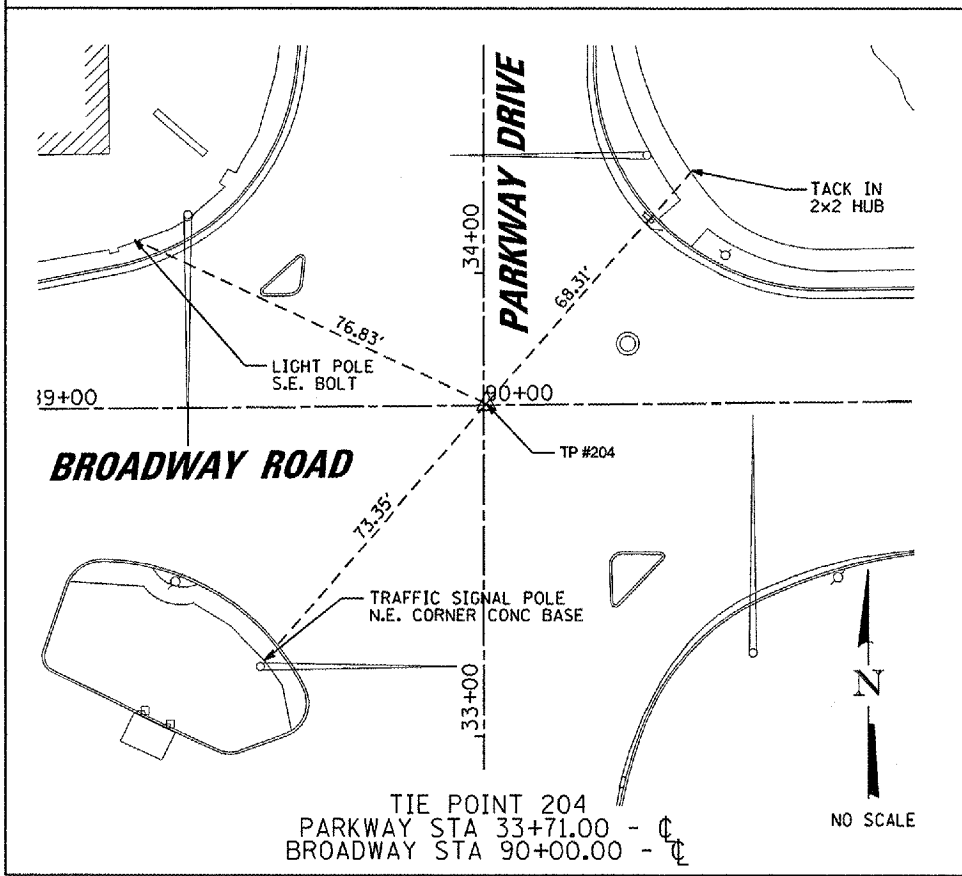
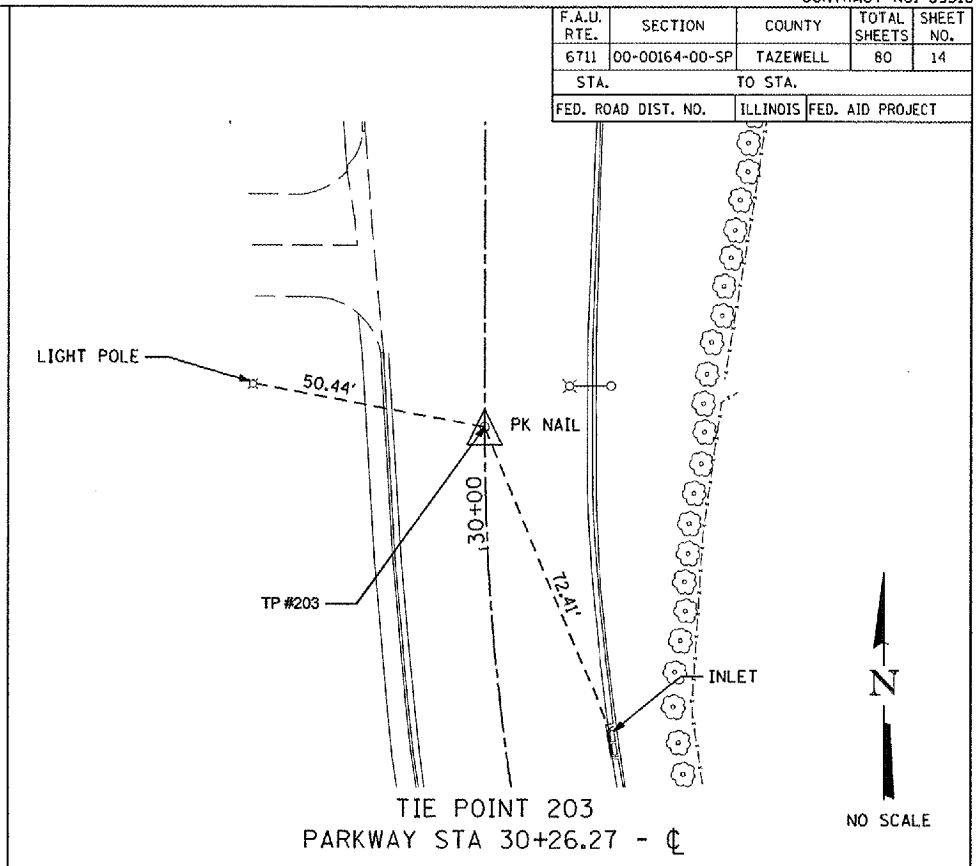
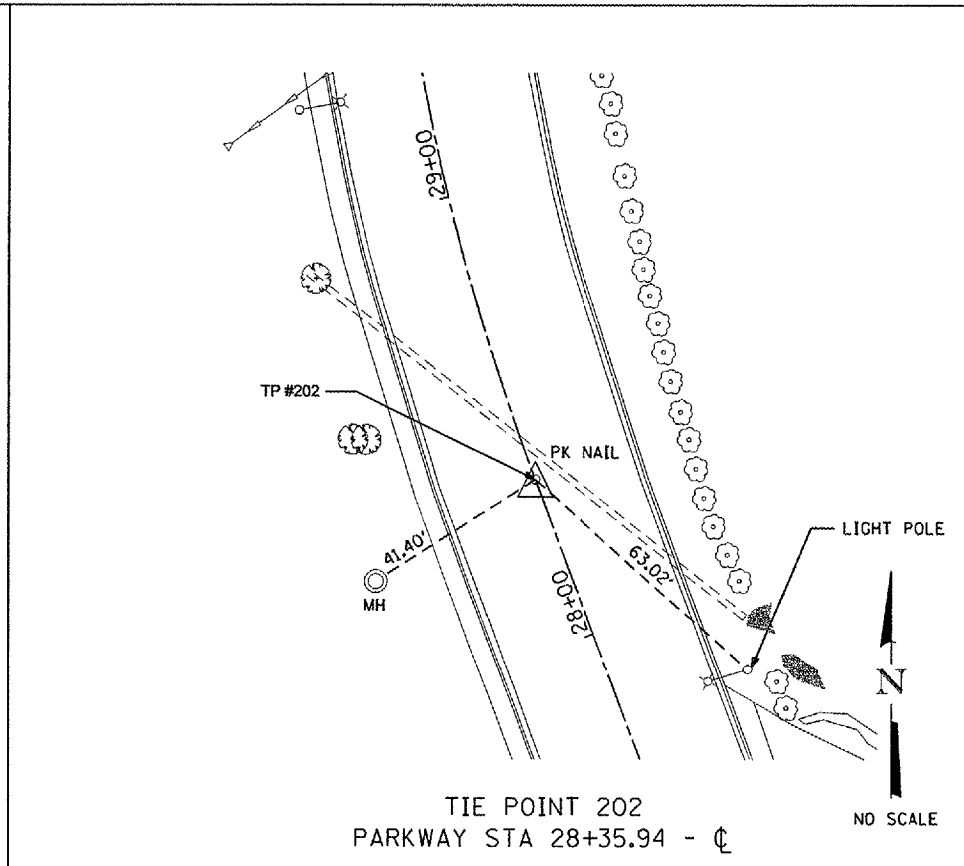
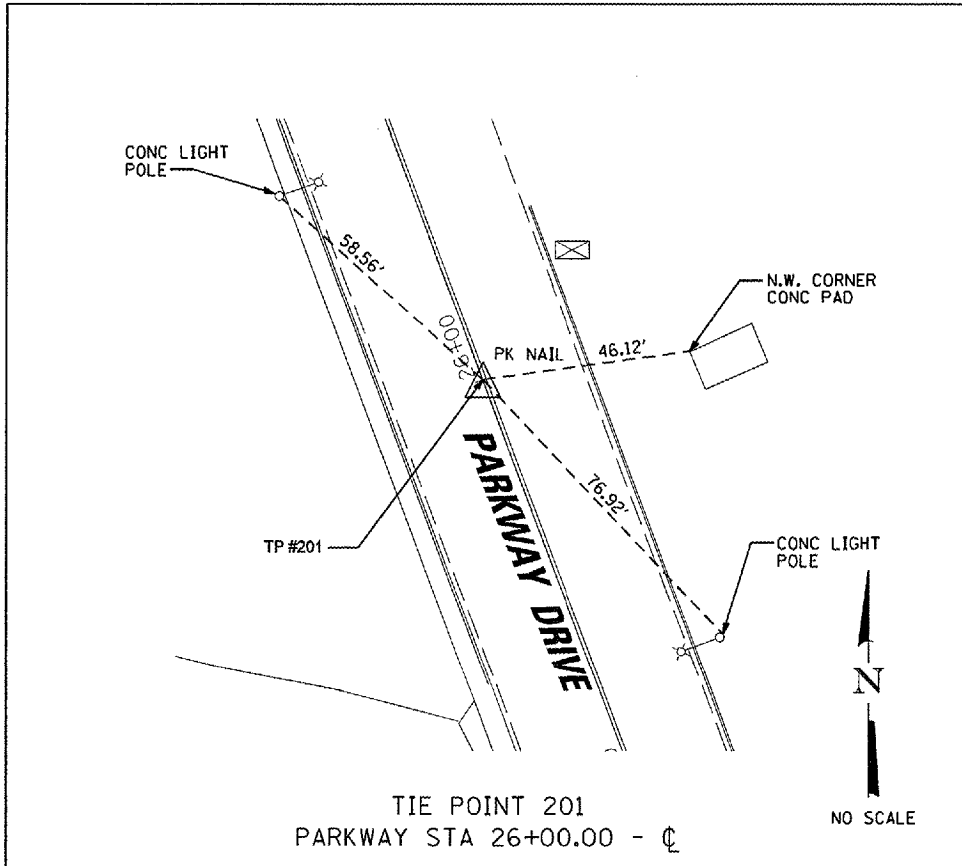
BENCHMARK	STATION	ELEVATION	DESCRIPTION
BM #1	34+13 LT PARKWAY	547.50	S.E. FOUNDATION BOLT ON TRAFFIC SIGNAL POLE, N.W. QUADRANT OF INTERSECTION
BM #2	41+12 RT PARKWAY	548.95	CHISELED "X", N.W. BOLT ON TOP OF FIRE HYDRANT
BM #3	98+27 RT BROADWAY	589.22	16d NAIL, NORTH SIDE OF POWER POLE, 80 EAST OF WEST ENTRANCE TO GOLF COURSE
BM #4	83+00 RT BROADWAY	542.19	THREADED END ON EAST SIDE OF STEEL POST IN N.W. CORNER OF LOT

TIE POINT	COORDINATES	STATION	OFFSET	DESCRIPTION
201	1420446.96N 2449114.66E	26+00.00 PARKWAY	C	PK NAIL IN CENTERLINE OF SOUTH APPROACH, PARKWAY DRIVE
202	1420667.51N 2449030.83E	28+35.94 PARKWAY	C	PK NAIL IN CENTERLINE OF SOUTH APPROACH, PARKWAY DRIVE @ P.C.
203	1420853.67N 2448996.57E	30+26.27 PARKWAY	C	PK NAIL IN CENTERLINE OF SOUTH APPROACH, PARKWAY DRIVE @ P.T.
204	1421198.41N 2448996.33E	33+71.00 PARKWAY	C	PK NAIL IN INTERSECTION OF CENTERLINES OF BROADWAY ROAD AND PARKWAY DRIVE
205	1421391.40N 2448996.2E	35+64.00 PARKWAY	C	PK NAIL IN CENTERLINE OF SOUTH APPROACH, PARKWAY DRIVE @ P.I.
206	1421927.32N 2448986.74E	41+00.00 PARKWAY	C	PK NAIL IN CENTERLINE OF NORTH APPROACH, PARKWAY DRIVE
207	1421202.18N 2449396.31E	94+00.00 BROADWAY	C	PK NAIL IN CENTERLINE OF WEST APPROACH, BROADWAY ROAD
208	1421194.64N 2448596.35E	86+00.00 BROADWAY	C	PK NAIL IN CENTERLINE OF EAST APPROACH, BROADWAY ROAD



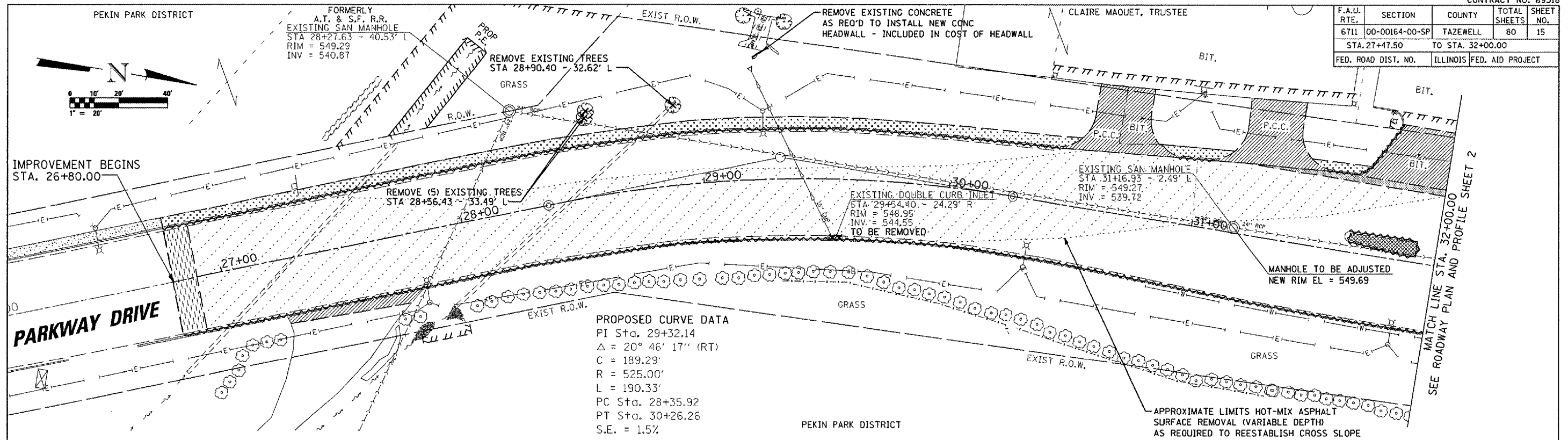
MAURER-STUTZ, INC.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	14
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



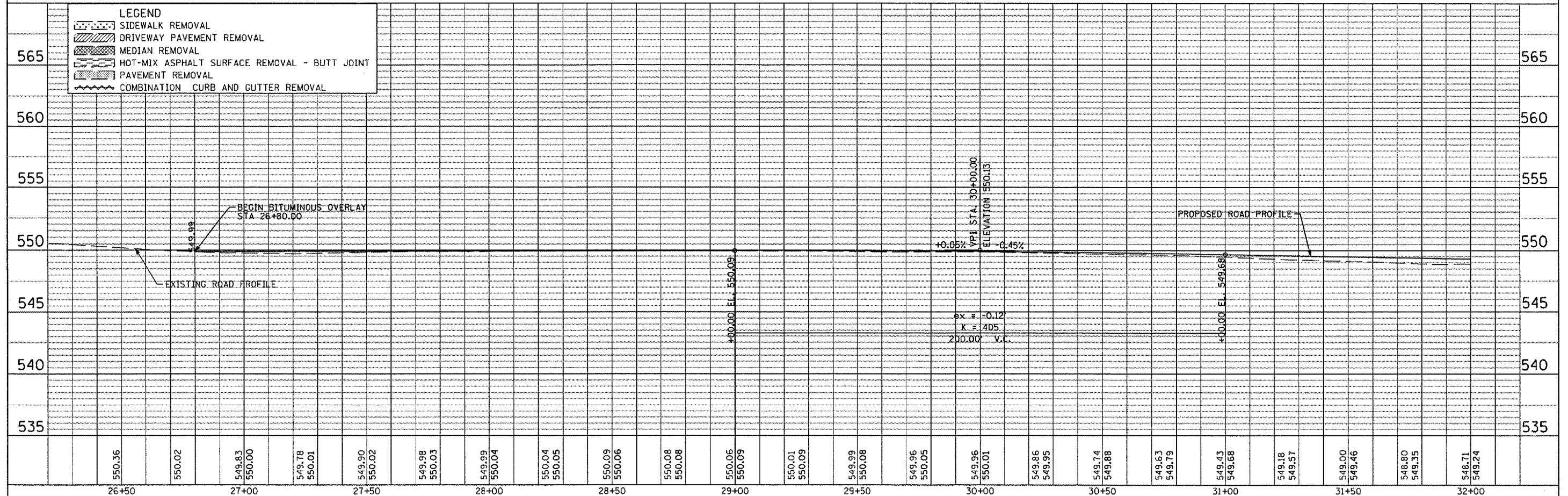
MAURER-STUTZ, INC.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	15
STA. 27+47.50 TO STA. 32+00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

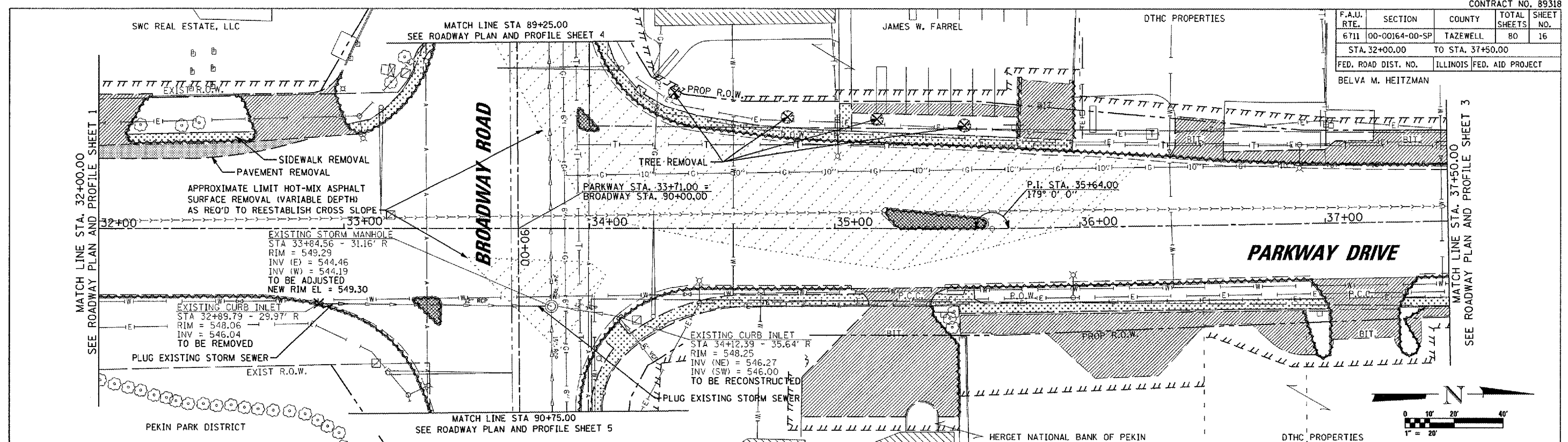


LEGEND

- SIDEWALK REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- MEDIAN REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- PAVEMENT REMOVAL
- COMBINATION CURB AND GUTTER REMOVAL

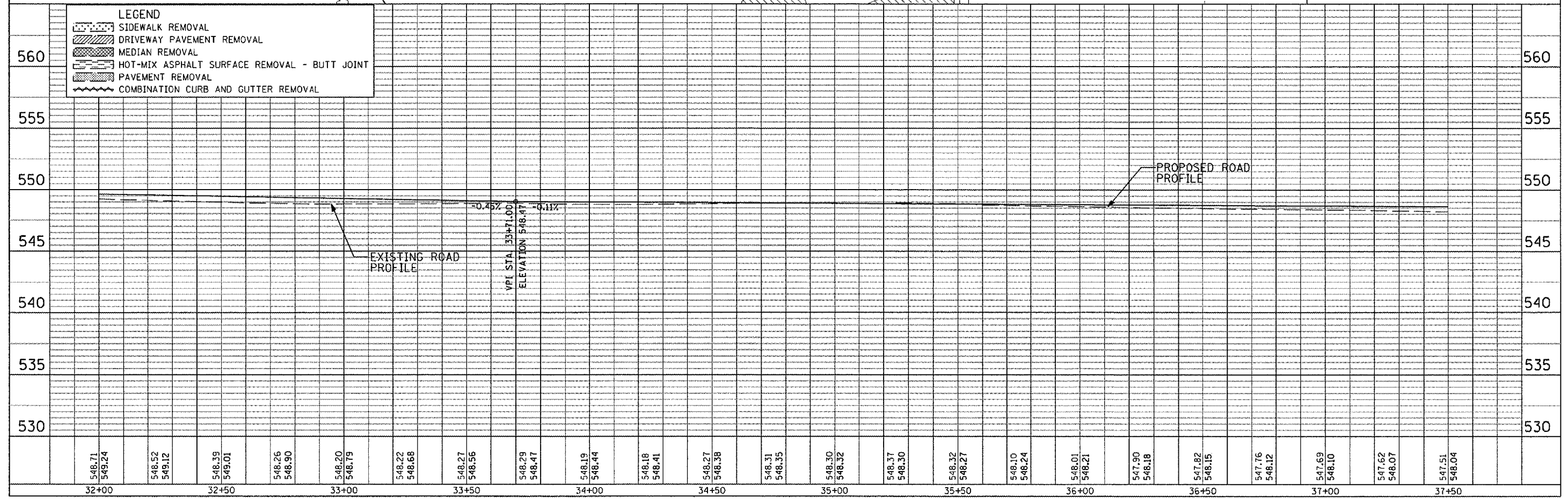


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	16
STA. 32+00.00		TO STA. 37+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
BELVA M. HEITZMAN				

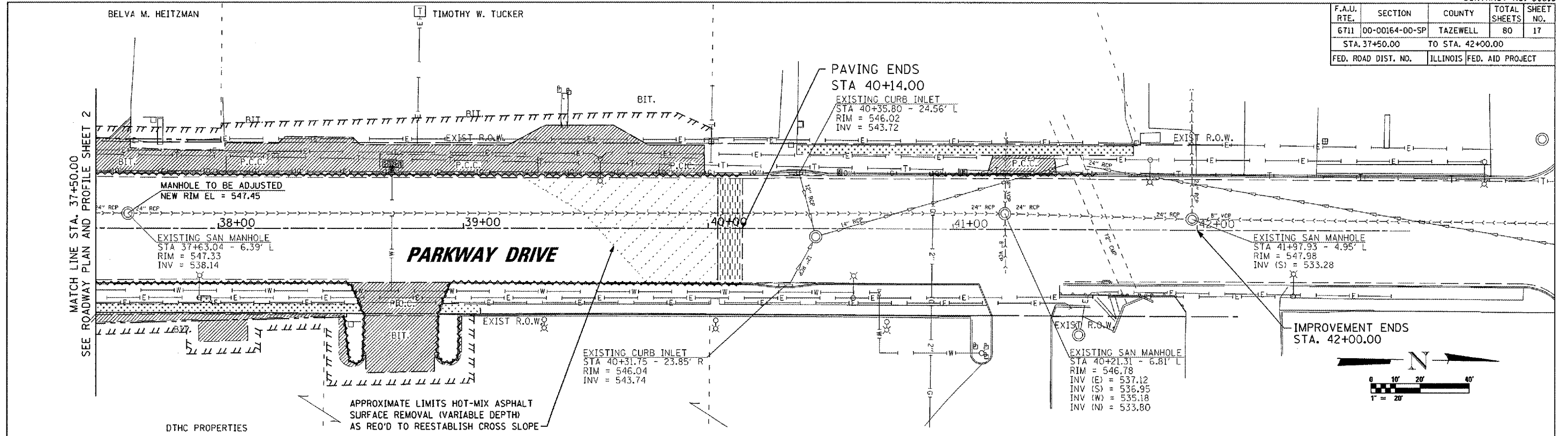


LEGEND

- SIDEWALK REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- MEDIAN REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- PAVEMENT REMOVAL
- COMBINATION CURB AND GUTTER REMOVAL

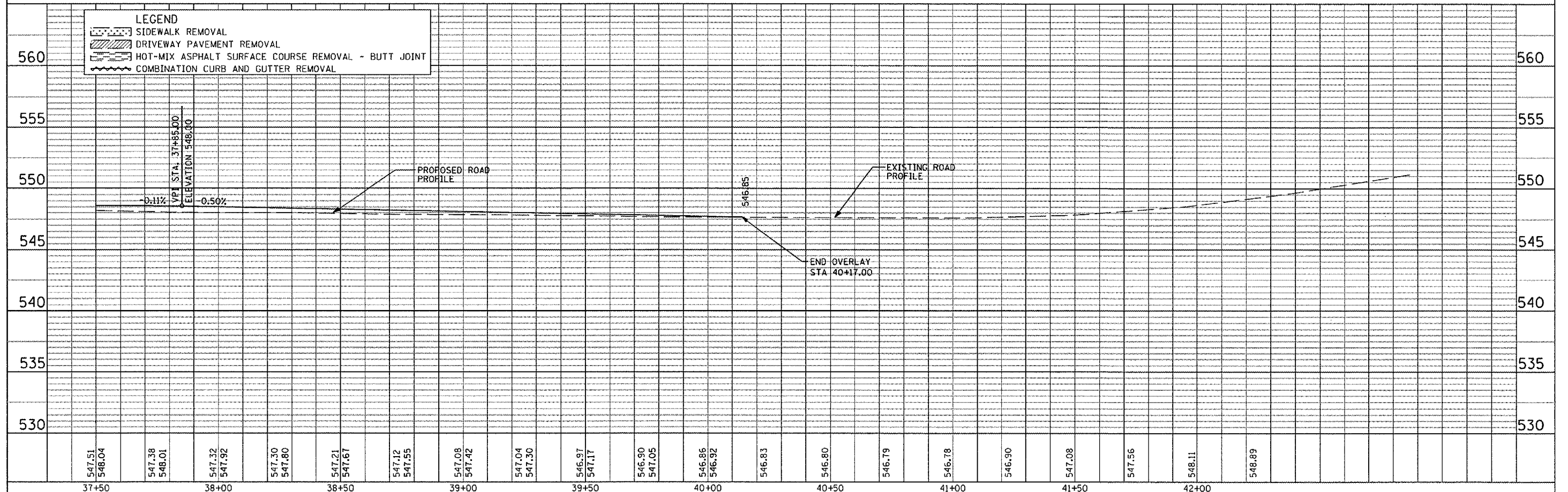


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	17
STA. 37+50.00		TO STA. 42+00.00		
FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT

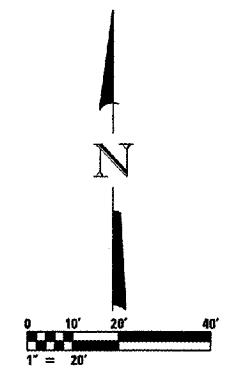
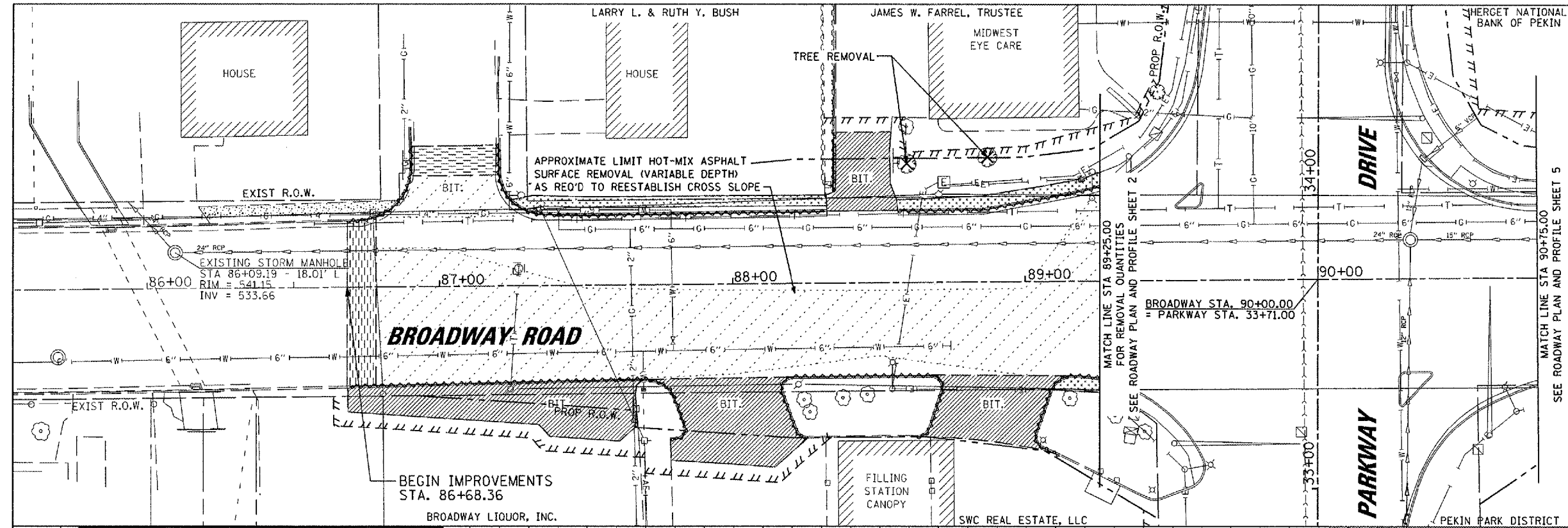


LEGEND

- SIDEWALK REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- HOT-MIX ASPHALT SURFACE COURSE REMOVAL - BUTT JOINT
- COMBINATION CURB AND GUTTER REMOVAL

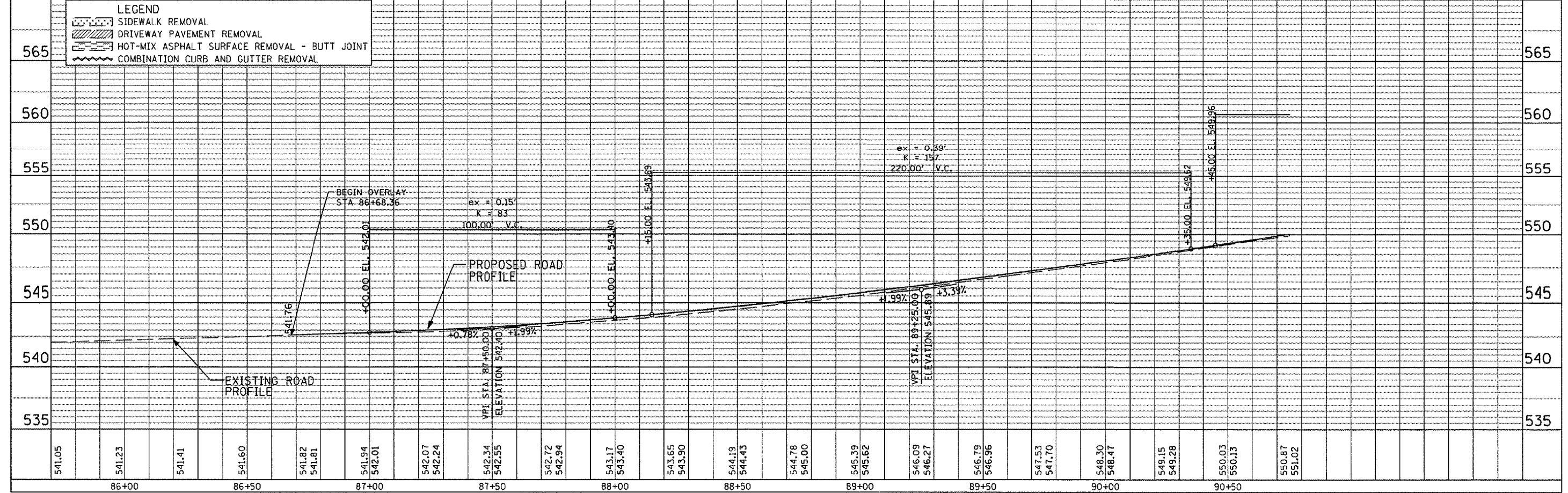


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	18
STA. 86+68.36		TO STA. 90+75.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



LEGEND

- SIDEWALK REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- COMBINATION CURB AND GUTTER REMOVAL



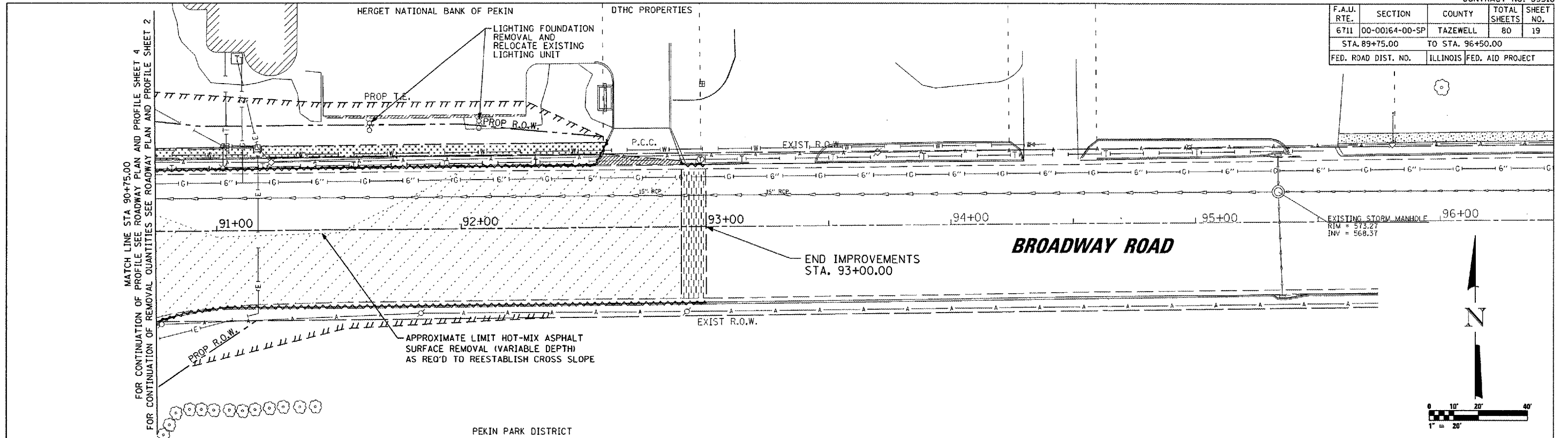
541.05	541.23	541.41	541.60	541.82	541.81	541.94	542.01	542.07	542.24	542.34	542.55	542.72	542.94	543.17	543.40	543.65	543.90	544.19	544.43	544.78	545.00	545.39	545.62	546.09	546.27	546.79	546.96	547.53	547.70	548.30	548.47	549.15	549.28	550.03	550.13	550.87	551.02
86+00		86+50		87+00		87+50		88+00		88+50		89+00		89+50		90+00		90+50		90+50		90+50		90+50		90+50		90+50		90+50		90+50		90+50		90+50	

MAURER-STUTZ, INC.

ROADWAY PLAN AND PROFILE SHEET 4
 BROADWAY ROAD STA. 86+68.36 TO 90+75

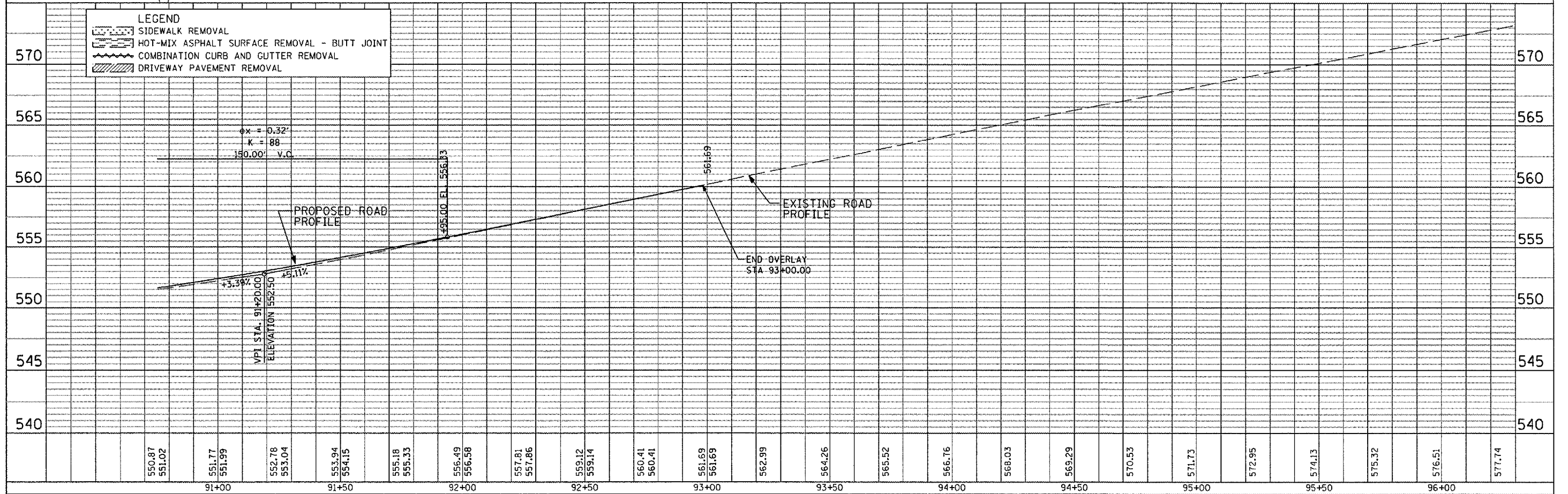


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	19
STA. 89+75.00 TO STA. 96+50.00				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

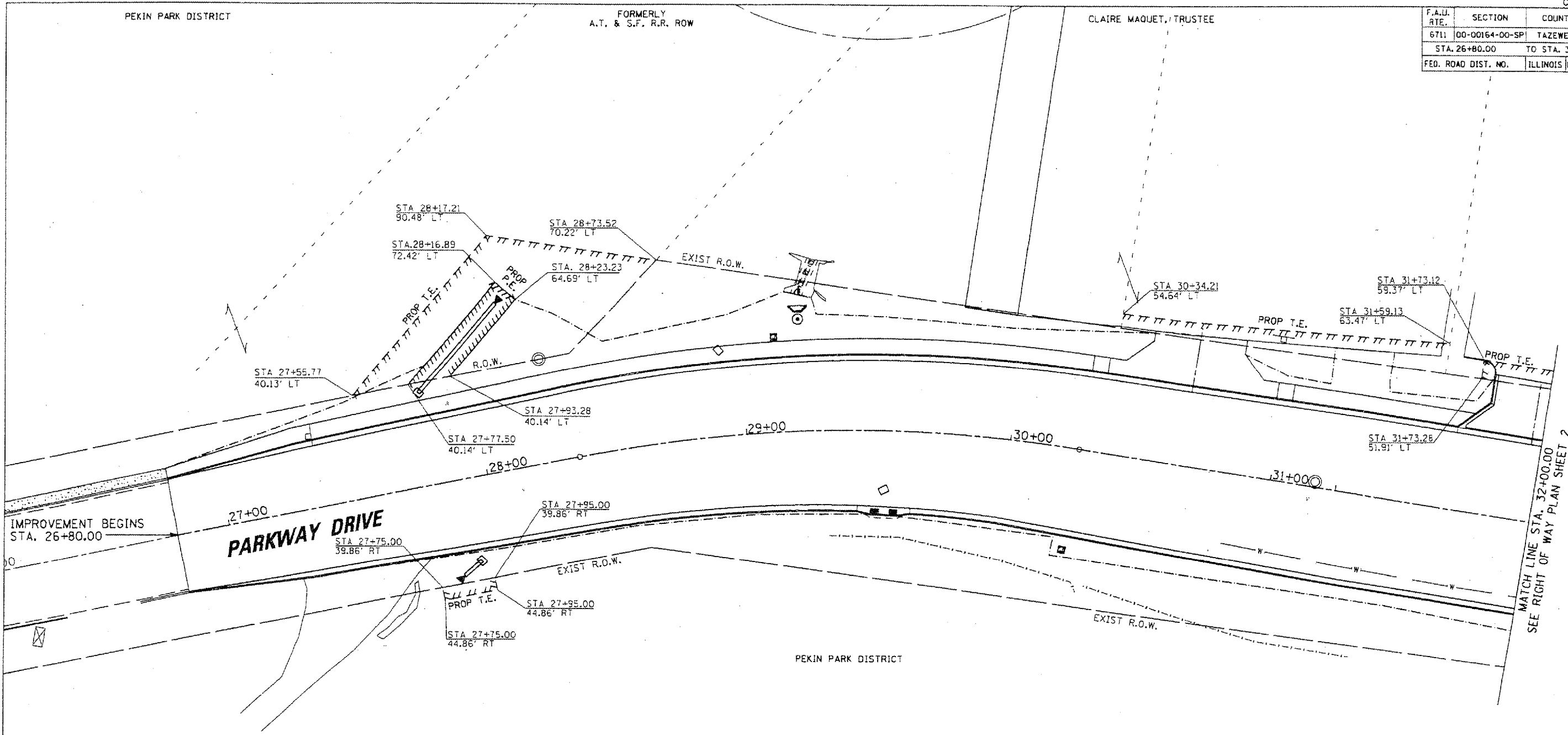


LEGEND

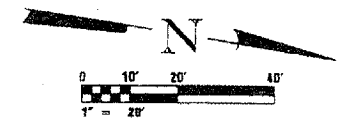
- SIDWALK REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- COMBINATION CURB AND GUTTER REMOVAL
- DRIVEWAY PAVEMENT REMOVAL



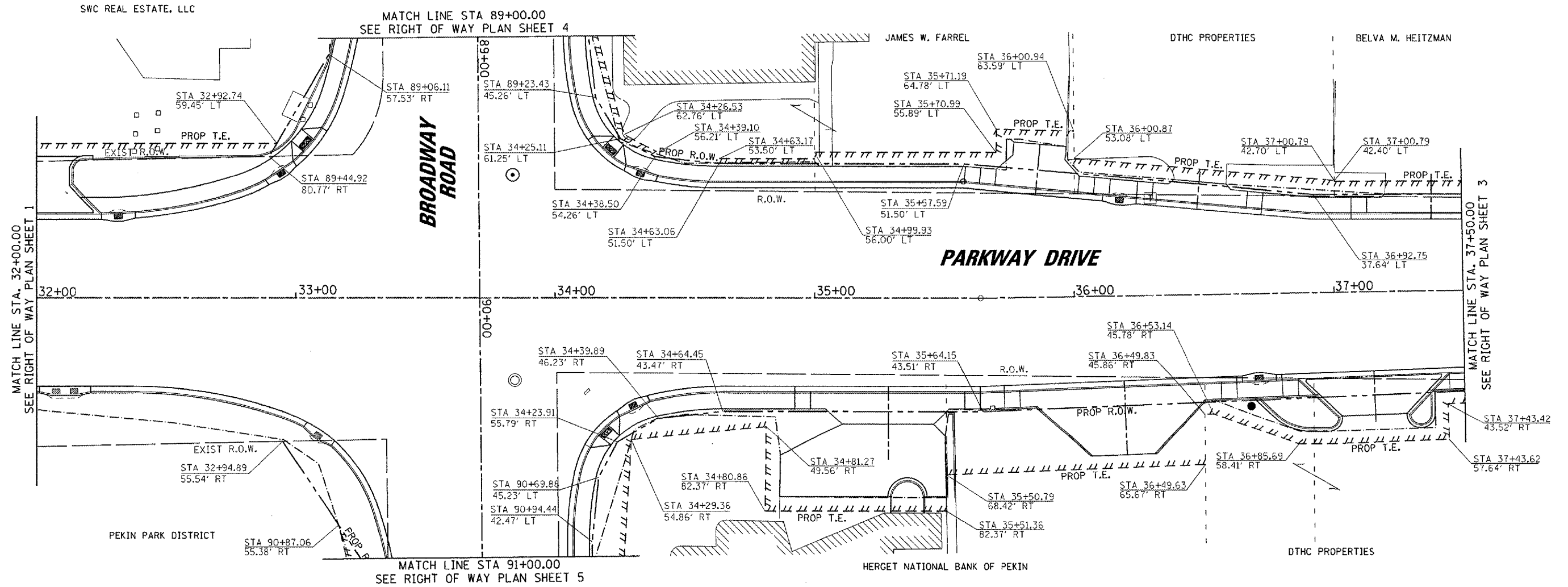
F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	20
STA. 26+80.00		TO STA. 32+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



LEGEND	
—	EXISTING ROW
- - -	PROPOSED ROW
	PROPOSED TEMP EASEMENT
	PROPOSED PERM EASEMENT
---	ANTICIPATED LIMITS OF CONSTRUCTION



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	21
STA. 32+00.00		TO STA. 37+50.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



MATCH LINE STA. 32+00.00
SEE RIGHT OF WAY PLAN SHEET 1

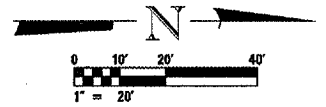
MATCH LINE STA 89+00.00
SEE RIGHT OF WAY PLAN SHEET 4

BROADWAY ROAD

PARKWAY DRIVE

MATCH LINE STA. 37+50.00
SEE RIGHT OF WAY PLAN SHEET 3

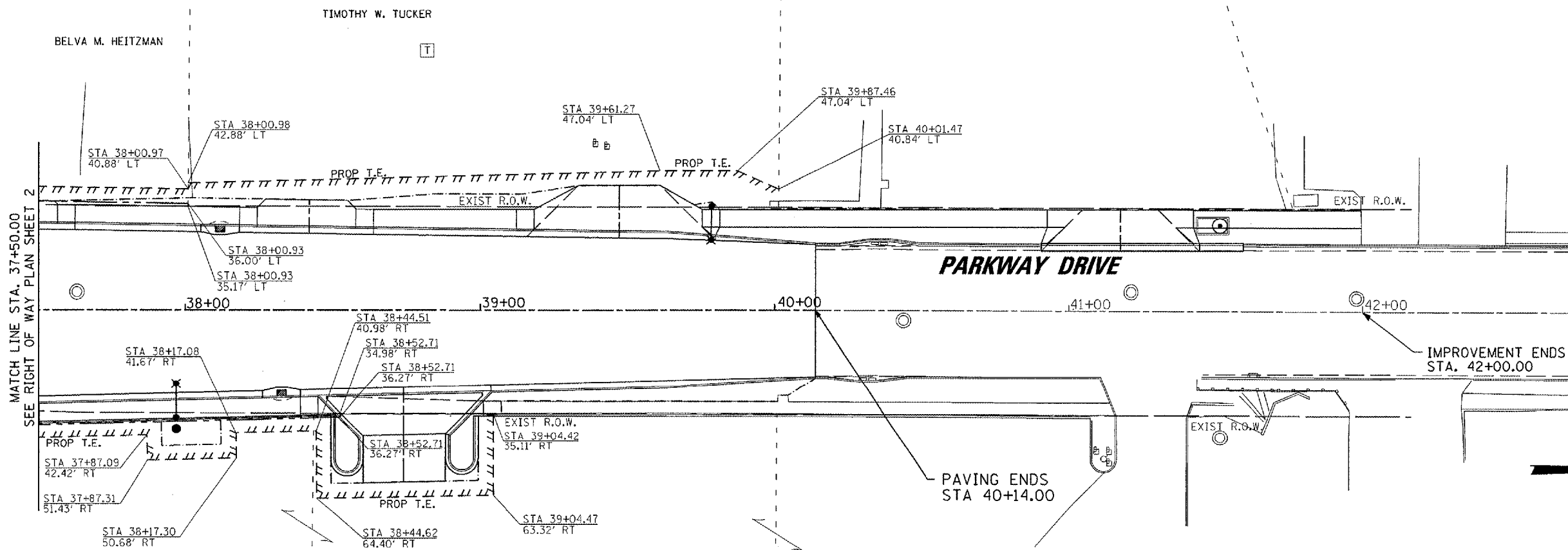
MATCH LINE STA 91+00.00
SEE RIGHT OF WAY PLAN SHEET 5



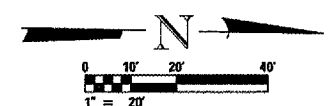
LEGEND	
---	EXISTING ROW
----	PROPOSED ROW
	PROPOSED TEMP EASEMENT
	PROPOSED PERM EASEMENT
----	ANTICIPATED LIMITS OF CONSTRUCTION



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	22
STA. 37+50.00		TO STA. 42+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



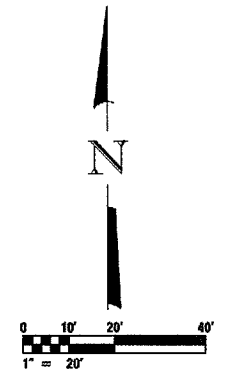
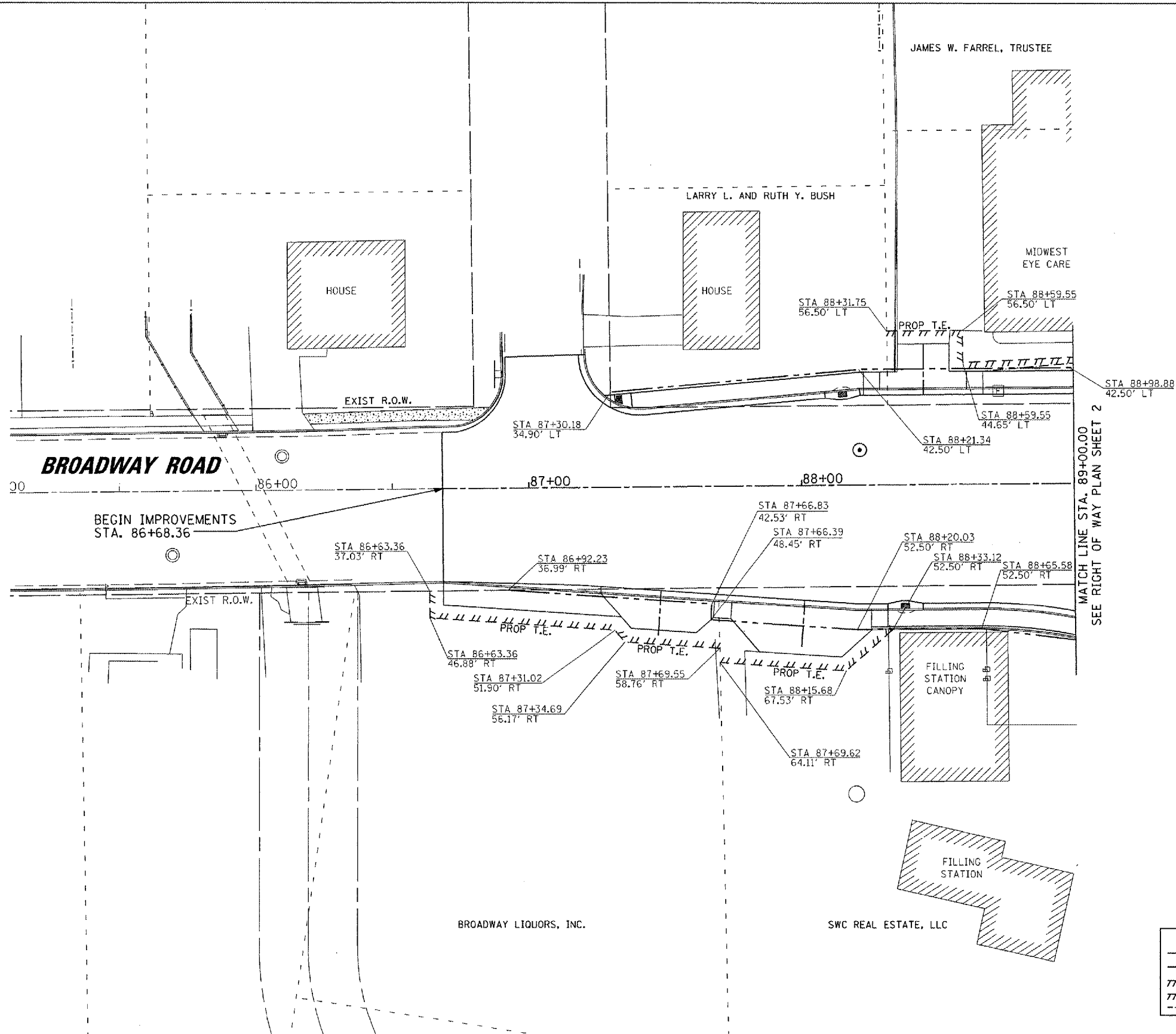
MATCH LINE STA. 37+50.00
SEE RIGHT OF WAY PLAN SHEET 2



LEGEND	
—	EXISTING ROW
- - -	PROPOSED ROW
///	PROPOSED TEMP EASEMENT
////	PROPOSED PERM EASEMENT
- - - -	ANTICIPATED LIMITS OF CONSTRUCTION



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	23
STA. 86+34.60		TO STA. 91+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

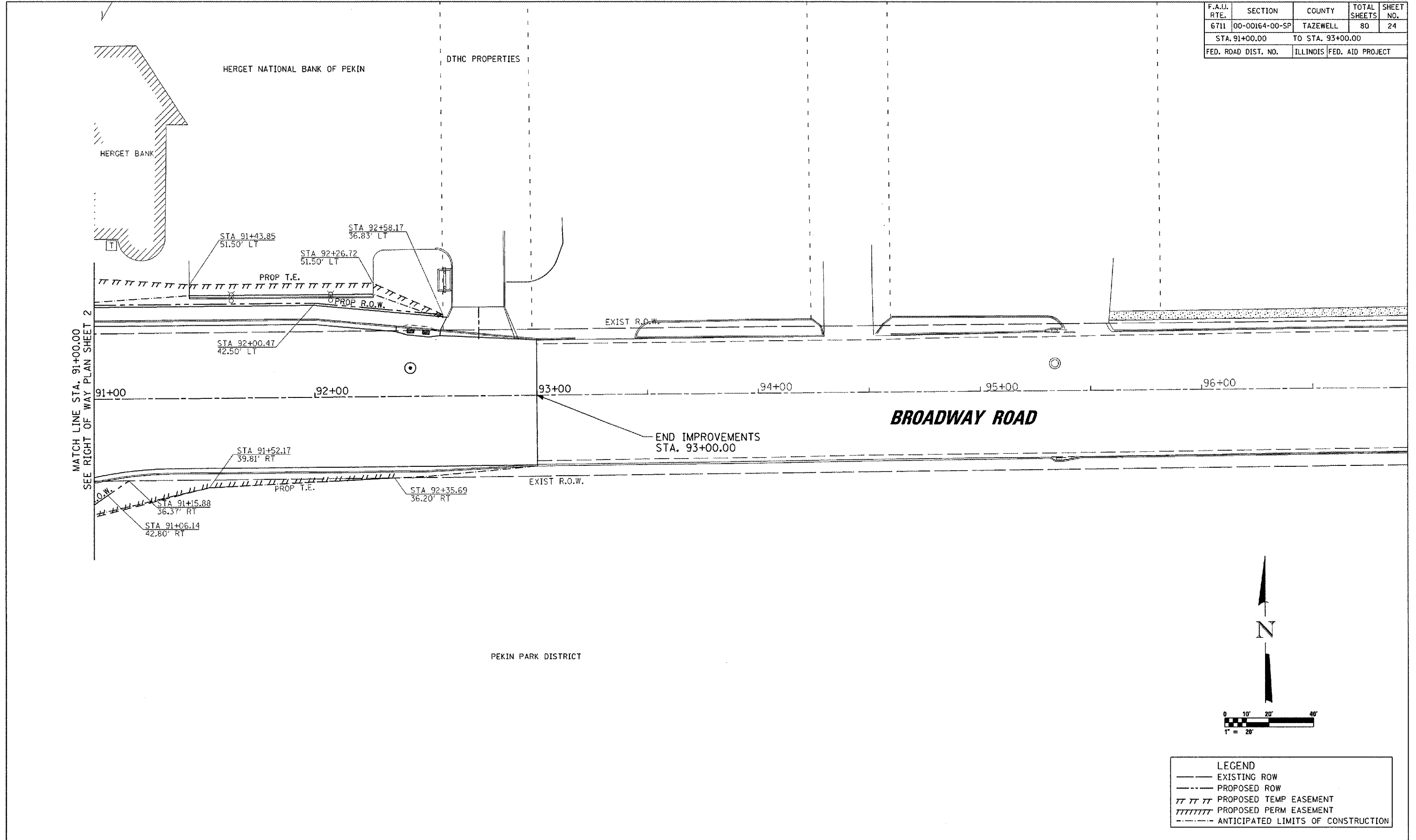


LEGEND

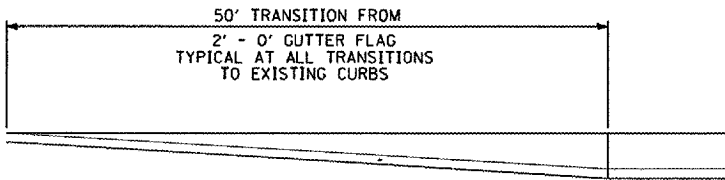
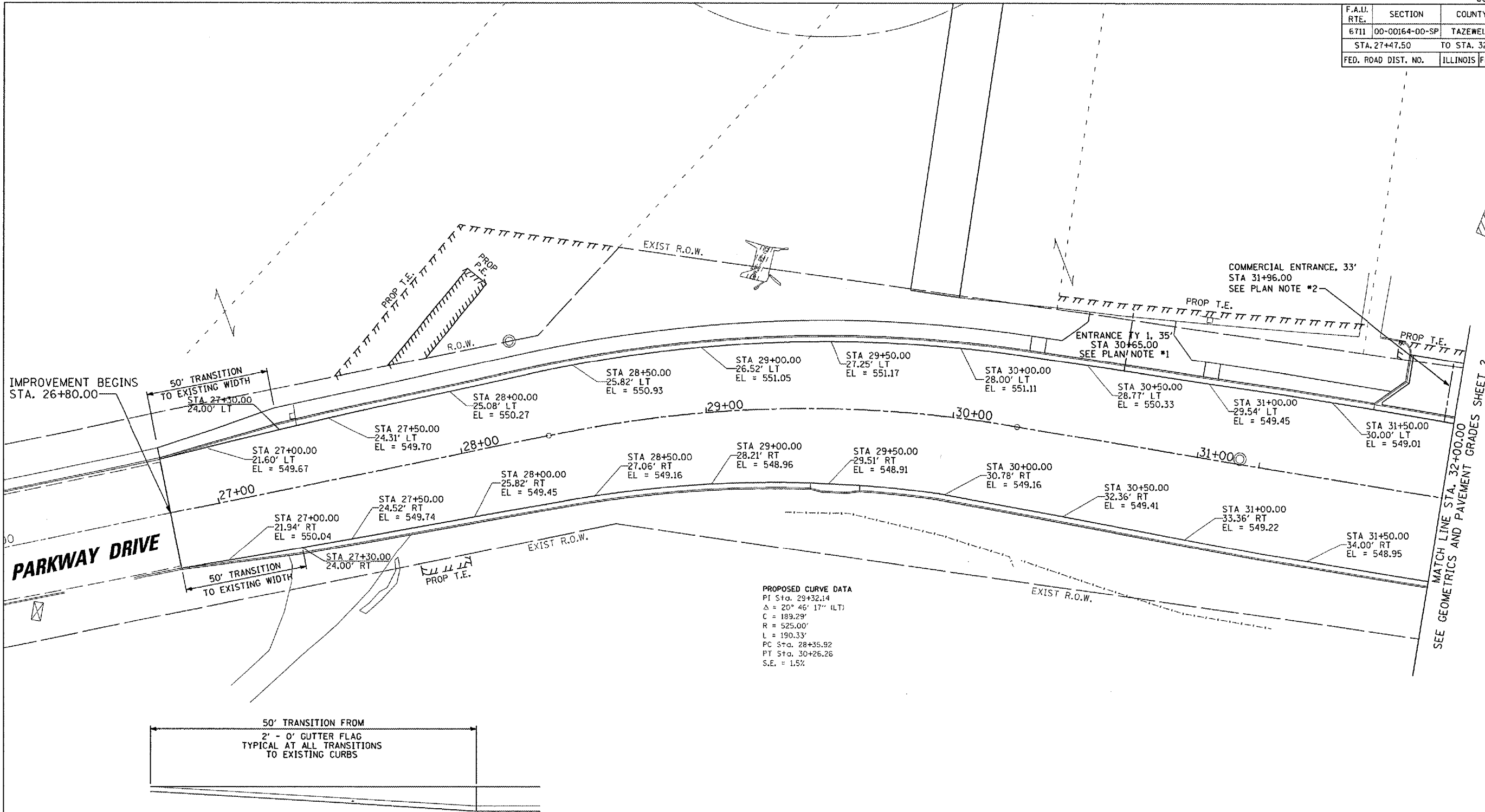
	EXISTING ROW
	PROPOSED ROW
	PROPOSED TEMP EASEMENT
	PROPOSED PERM EASEMENT
	ANTICIPATED LIMITS OF CONSTRUCTION



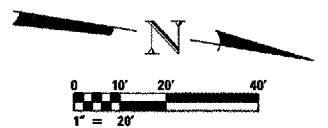
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	24
STA. 91+00.00		TO STA. 93+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	25
STA. 27+47.50		TO STA. 32+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

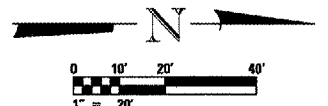
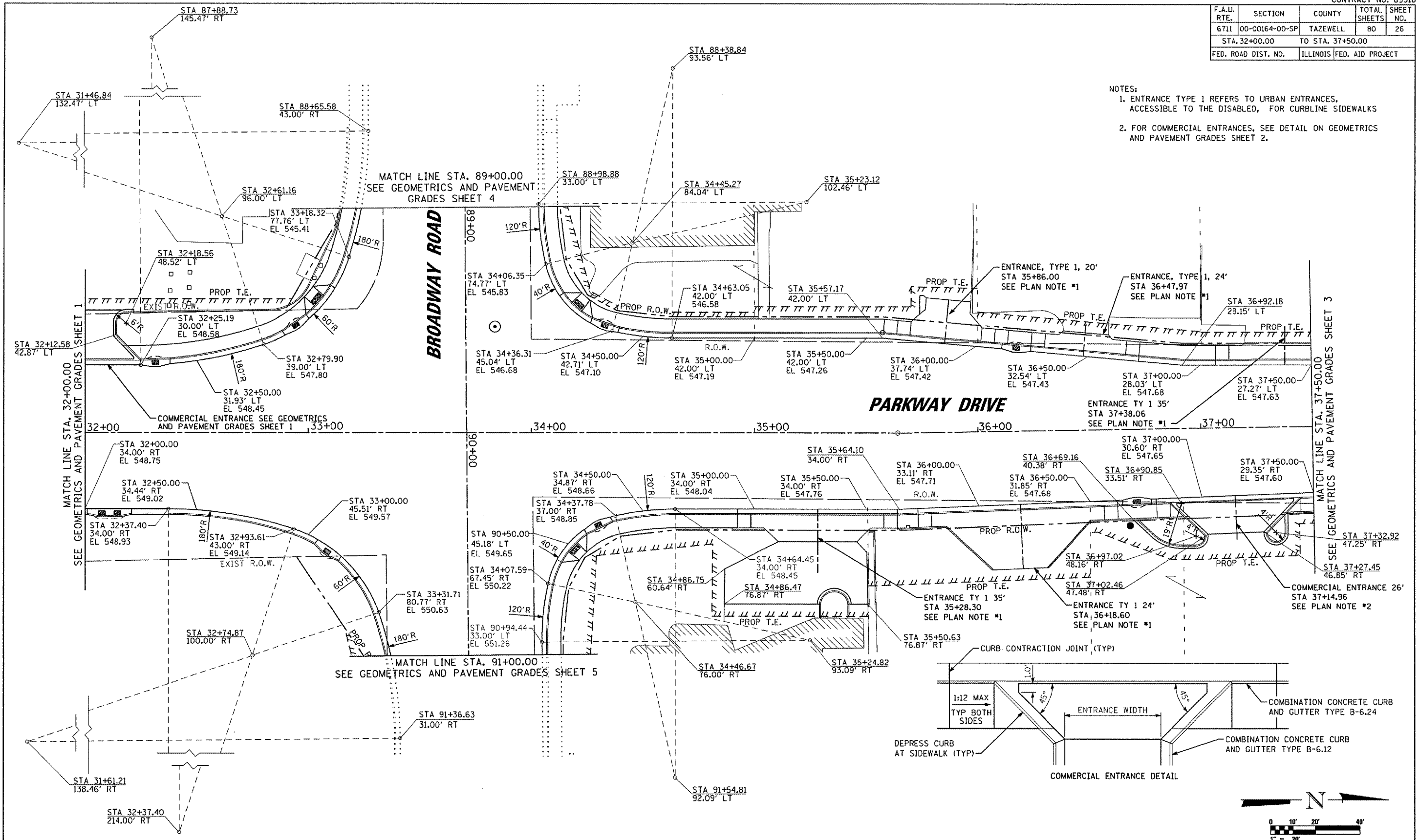


NOTES: 1. ENTRANCE TYPE 1 DENOTES URBAN ENTRANCES, ACCESSIBLE TO THE DISABLED, FOR CURBLINE SIDEWALKS - SEE SPECIAL DETAILS
 2. FOR COMMERCIAL ENTRANCE, SEE DETAIL ON GEOMETRICS AND PAVEMENT GRADES, SHEET 2

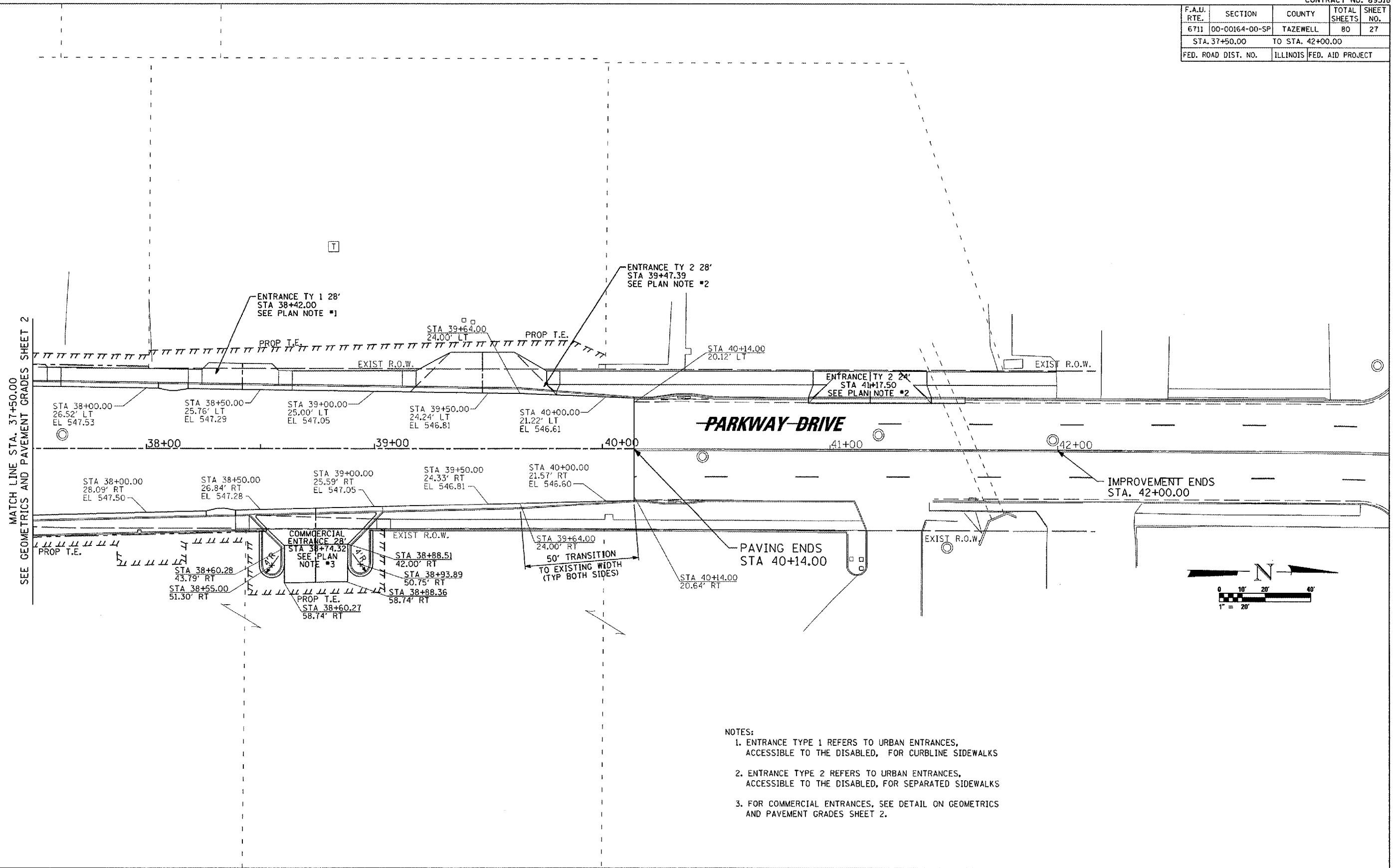


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	26
STA. 32+00.00 TO STA. 37+50.00				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

- NOTES:
- ENTRANCE TYPE 1 REFERS TO URBAN ENTRANCES, ACCESSIBLE TO THE DISABLED, FOR CURBLINE SIDEWALKS
 - FOR COMMERCIAL ENTRANCES, SEE DETAIL ON GEOMETRICS AND PAVEMENT GRADES SHEET 2.

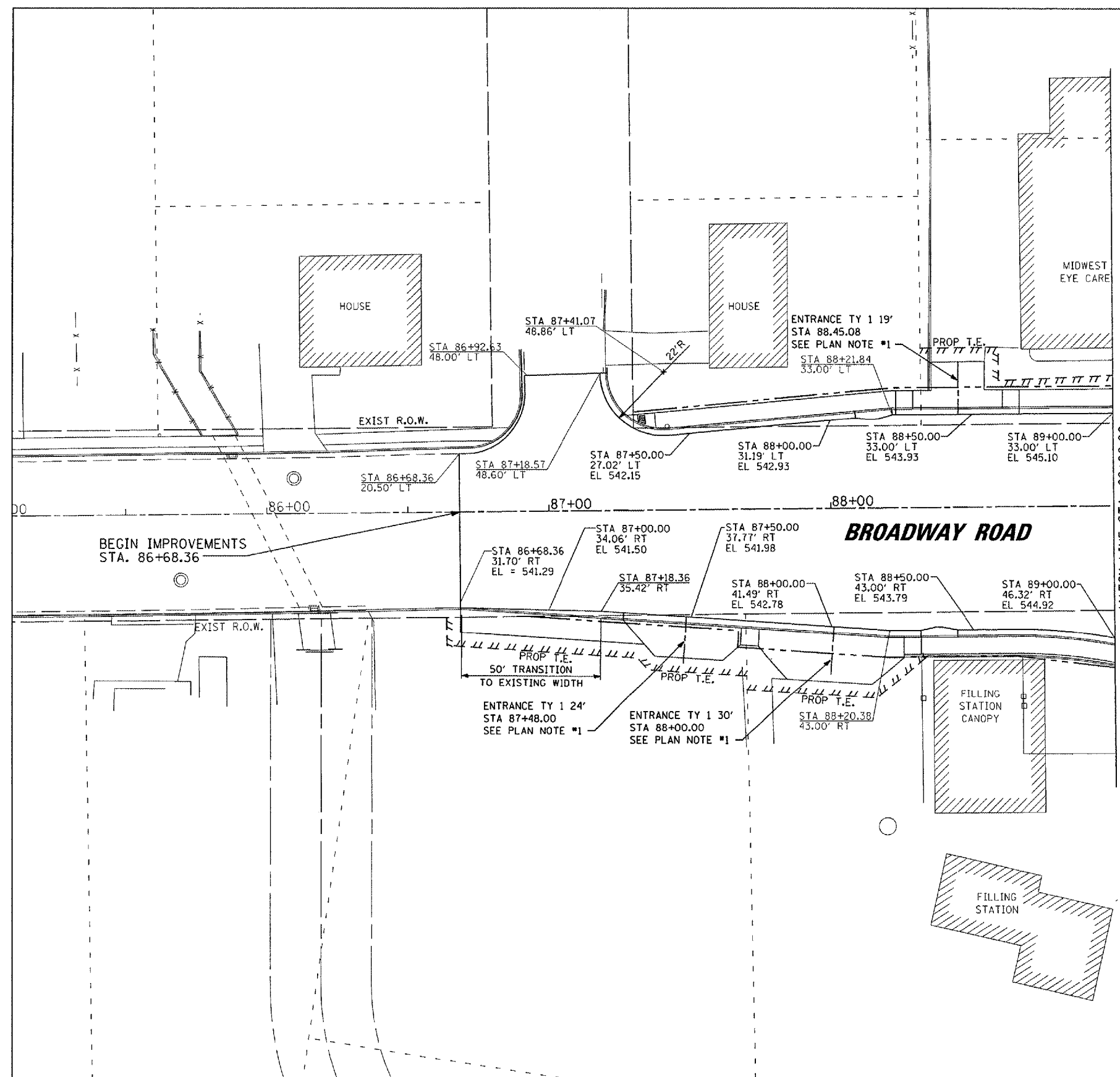


F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	27
STA. 37+50.00 TO STA. 42+00.00				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

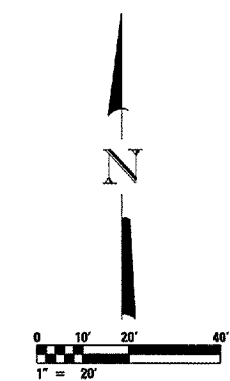


- NOTES:
- ENTRANCE TYPE 1 REFERS TO URBAN ENTRANCES, ACCESSIBLE TO THE DISABLED, FOR CURBLINE SIDEWALKS
 - ENTRANCE TYPE 2 REFERS TO URBAN ENTRANCES, ACCESSIBLE TO THE DISABLED, FOR SEPARATED SIDEWALKS
 - FOR COMMERCIAL ENTRANCES, SEE DETAIL ON GEOMETRICS AND PAVEMENT GRADES SHEET 2.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	28
STA. 86+34.60		TO STA. 91+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

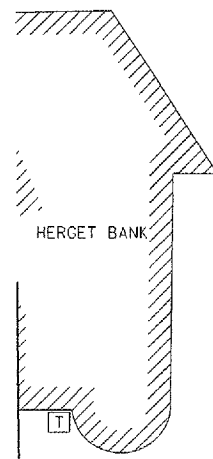


MATCH LINE STA. 89+00.00
SEE GEOMETRICS AND PAVEMENT GRADES SHEET 2

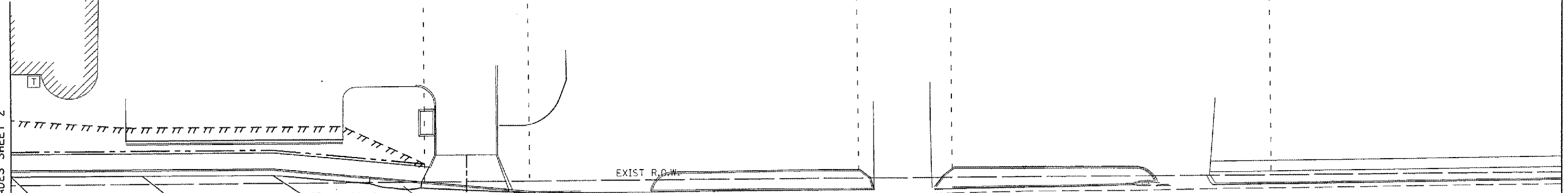


NOTES:
1. ENTRANCE TYPE 1 REFERS TO URBAN ENTRANCES, ACCESSIBLE TO THE DISABLED, FOR CURBLINE SIDEWALKS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	29
STA. 91+00.00		TO STA. 93+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



MATCH LINE STA. 91+00.00
SEE GEOMETRICS AND PAVEMENT GRADES SHEET 2



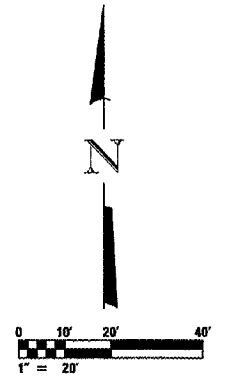
STA 91+00.00 33.00' RT EL 551.50	STA 91+50.00 33.00' RT EL 553.65	STA 92+00.00 33.00' RT EL 556.10	STA 92+50.00 28.08' RT EL 558.63	STA 93+00.00 23.16' LT EL = 561.31
--	--	--	--	--

BROADWAY ROAD

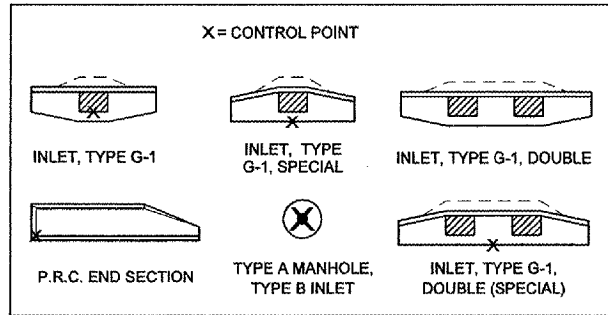
STA 91+00.00 34.77' RT EL 551.47	STA 91+50.00 31.00' RT EL 553.68	STA 92+00.00 31.00' RT EL 556.13	STA 92+50.00 31.00' RT EL 558.59	STA 93+00.00 28.74' RT EL = 561.23
--	--	--	--	--

END IMPROVEMENTS
STA. 93+00.00

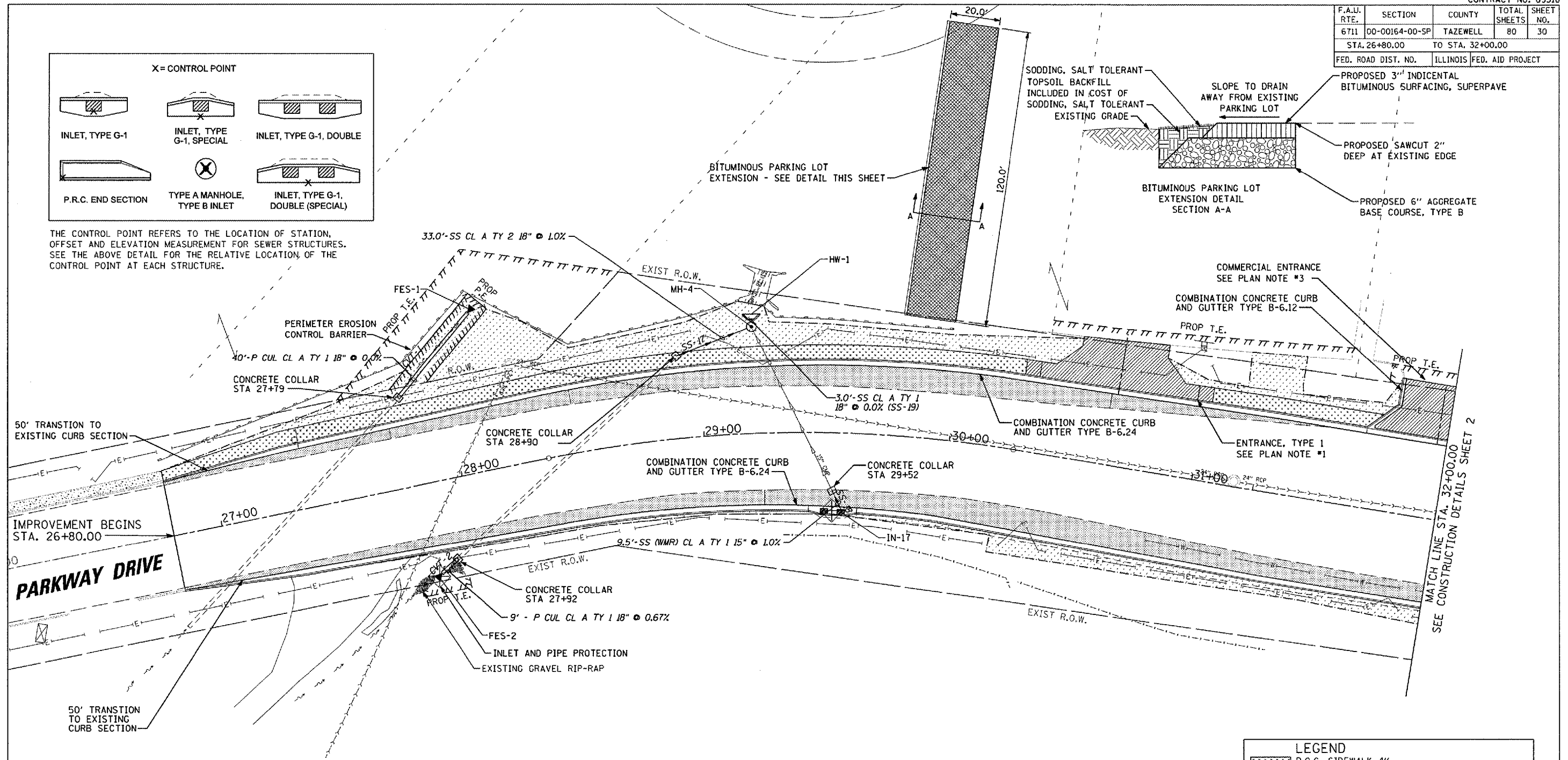
FOR CORNER GEOMETRICS SEE
GEOMETRICS AND PAVEMENT GRADES SHEET 2



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	30
STA. 26+80.00		TO STA. 32+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



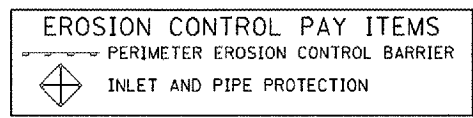
THE CONTROL POINT REFERS TO THE LOCATION OF STATION, OFFSET AND ELEVATION MEASUREMENT FOR SEWER STRUCTURES. SEE THE ABOVE DETAIL FOR THE RELATIVE LOCATION OF THE CONTROL POINT AT EACH STRUCTURE.



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MATCH LINE STA. 32+00.00 SEE CONSTRUCTION DETAILS SHEET 2

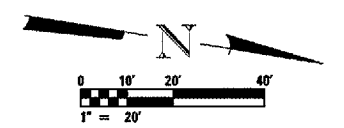
- NOTES: 1. ALL CURB INLETS ABUTTING P.C.C. SIDEWALK ARE TO BE TYPE G-1 UNLESS OTHERWISE NOTED. ALL CURB INLETS NOT ABUTTING SIDEWALK ARE TO BE TYPE G-1, SPECIAL, UNLESS OTHERWISE NOTED.
2. ENTRANCE TYPE 1 DENOTES URBAN ENTRANCES, ACCESSIBLE TO THE DISABLED, FOR CURBLINE SIDEWALKS
3. FOR COMMERCIAL ENTRANCE SEE DETAIL ON GEOMETRICS AND PAVEMENT GRADES SHEET 2



STRUCTURE SCHEDULE					
STRUCTURE ID	IN-17	MH-4	FES-1	FES-2	HW-1
ALIGNMENT	PARKWAY	PARKWAY	PARKWAY	PARKWAY	PARKWAY
STATION	29+52.86	29+20.80	28+09.00	27+84.18	29+20.83
OFFSET	29.60' R	43.50' L	60.00' L	36.90' R	46.30' L
TYPE	INL TY G-1 DBL SP	MH TY A 4'	18" PCC FES	18" PCC FES	D18-1 1/2 HEADWALL
F & G	DIAGONAL	T1 CL	---	---	---
CONTROL EL.	548.91	547.00	543.33	545.80	544.42
	544.63	544.42 (S)	---	---	---
INV. EL.	---	544.42 (E)	---	---	---
	---	544.42 (W)	---	---	---
REMARKS	---	---	---	---	---

LEGEND

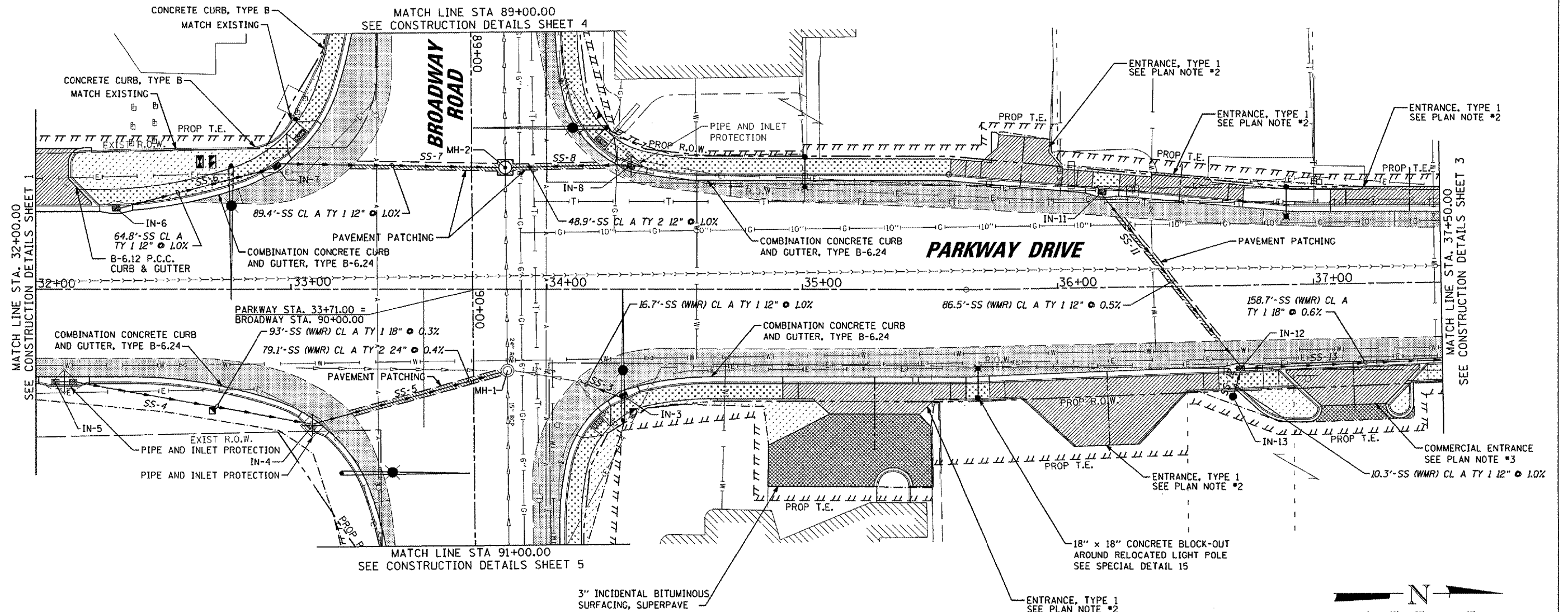
- P.C.C. SIDEWALK 4"
- P.C.C. DRIVEWAY PAVT 6"
- INCIDENTAL BITUMINOUS SURFACING, SUPERPAVE
- P.C.C. BASE COURSE 8"
- PAVEMENT PATCHING, 12"
- SODDING, SALT TOLERANT



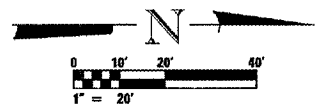
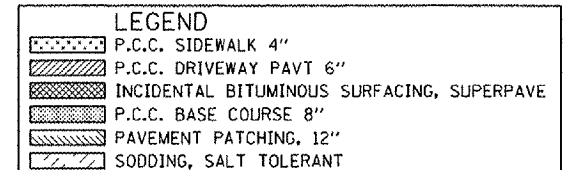
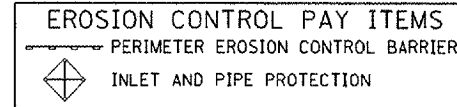
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	31
STA. 32+00.00		TO STA. 37+50.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

STRUCTURE SCHEDULE											
STRUCTURE ID	IN-3	IN-4	IN-5	IN-6	IN-7	IN-8	IN-11	IN-12	IN-13	MH-1	MH-2
ALIGNMENT	PARKWAY	BROADWAY	PARKWAY	PARKWAY	PARKWAY	BROADWAY	PARKWAY	PARKWAY	PARKWAY	BROADWAY	BROADWAY
STATION	34+29.66	90+51.25	32+11.00	32+31.67	32+95.00	89+52.86	36+16.47	36+71.00	36+85.00	90+63.75	89+53.00
OFFSET	40.43' R	61.60' R	34.00' R	20.30' L	46.90' L	61.96' L	36.02' L	33.33' R	44.00' R	12.77' L	13.09' L
TYPE	INL TY G-1	IN-MH TY G-1 SP 4'	INL TY G-1 SP DBL	INL TY G-1	INL TY G-1	INL TY G-1	INL TY G-1	INL TY G-1	INL TY A	ADJUST	MH TY A 5'
F & C	VANED LEFT	VANED RIGHT	DIAGONAL	DIAGONAL	DIAGONAL	DIAGONAL	DIAGONAL	DIAGONAL	T1 OPEN	T1 CL	T1 CL
CONTROL EL.	549.13	549.87	548.72	548.52	547.47	546.96	547.40	547.66	548.00	549.30	546.95
	546.17	544.94 (S)	545.22	545.52	544.87	542.71	544.40	544.90 (E)	545.00	EX 546 (N)	542.22 (N)
INV. EL.	---	544.44 (N)	---	---	---	---	---	543.97 (W)	---	544.19 (S)	543.98 (S)
	---	---	---	---	---	---	---	543.47 (N)	---	EX 544.46 (E)	542.22 (E, W)
	---	---	---	---	---	---	---	---	---	EX 544.19 (W)	---
REMARKS											1

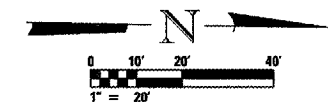
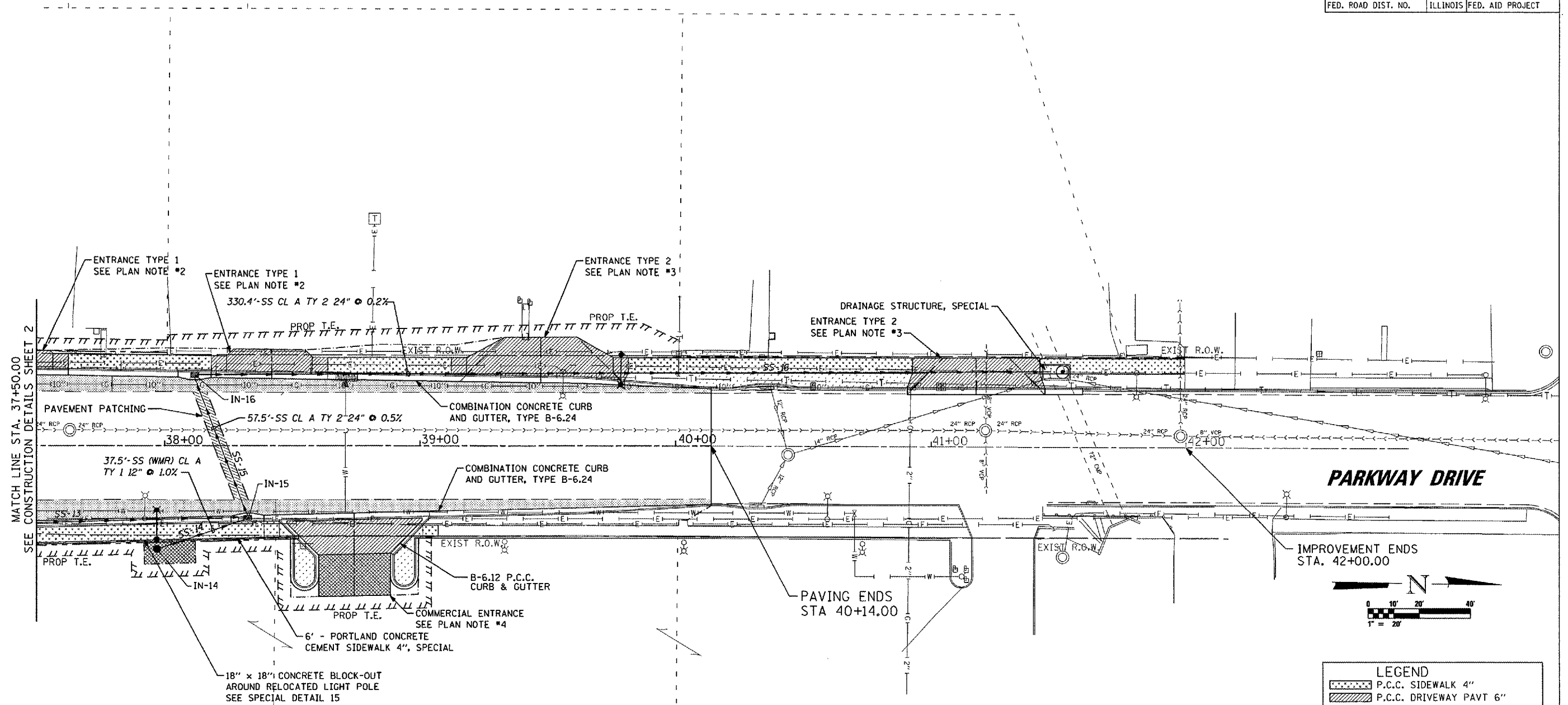
DRAINAGE SCHEDULE NOTE 1: BUILD MANHOLE OVER EXISTING STORM SEWER



- NOTES: 1. ALL CURB INLETS ABUTTING P.C.C. SIDEWALK ARE TO BE TYPE G-1 UNLESS OTHERWISE NOTED. ALL CURB INLETS NOT ABUTTING SIDEWALK ARE TO BE TYPE G-1, SPECIAL, UNLESS OTHERWISE NOTED.
2. ENTRANCE TYPE 1 DENOTES URBAN ENTRANCES, ACCESSIBLE TO THE DISABLED, FOR CURBLINE SIDEWALKS
3. FOR COMMERCIAL ENTRANCE SEE DETAIL ON GEOMETRICS AND PAVEMENT GRADES SHEET 2



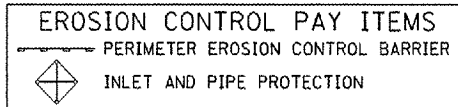
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	32
STA. 37+50.00		TO STA. 41+12.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



LEGEND	
	P.C.C. SIDEWALK 4"
	P.C.C. DRIVEWAY PAVT 6"
	P.C.C. BASE COURSE 8"
	BITUMINOUS DRIVEWAY PAVT 3"
	PAVEMENT PATCHING, 12"
	SODDING, SALT TOLERANT

STRUCTURE SCHEDULE				
STRUCTURE ID	IN-14	IN-15	IN-16	DSS
ALIGNMENT	PARKWAY	PARKWAY	PARKWAY	PARKWAY
STATION	37+95.00	38+31.00	38+11.68	41+49
OFFSET	40.00' RT	27.86' R	26.34' L	28.80' L
TYPE	INL TY A	IN-MH TY G-1 4'	IN-MH TY G-1 4'	DRAINAGE STRUCTURE, SPECIAL
F & G	T1 OPEN	DIAGONAL	DIAGONAL	T1 CLOSED
CONTROL EL.	547.90	547.37	547.47	547.25
	544.90	544.53 (SE)	538.41	537.75±
INV. EL.	---	542.30 (S)	---	---
	---	538.70 (W)	---	---
REMARKS	---	---	---	---

- NOTES: 1. ALL CURB INLETS ABUTTING P.C.C. SIDEWALK ARE TO BE TYPE G-1 UNLESS OTHERWISE NOTED. ALL CURB INLETS NOT ABUTTING SIDEWALK ARE TO BE TYPE G-1, SPECIAL, UNLESS OTHERWISE NOTED.
2. ENTRANCE TYPE 1 DENOTES URBAN ENTRANCES, ACCESSIBLE TO THE DISABLED, FOR CURBLINE SIDEWALKS
3. ENTRANCE TYPE 2 DENOTES URBAN ENTRANCES, ACCESSIBLE TO THE DISABLED, FOR SEPARATED SIDEWALKS
4. FOR COMMERCIAL ENTRANCE SEE DETAIL ON GEOMETRICS AND PAVEMENT GRADES SHEET 2



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	33
STA. 86+34.60 TO STA. 91+00.00				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

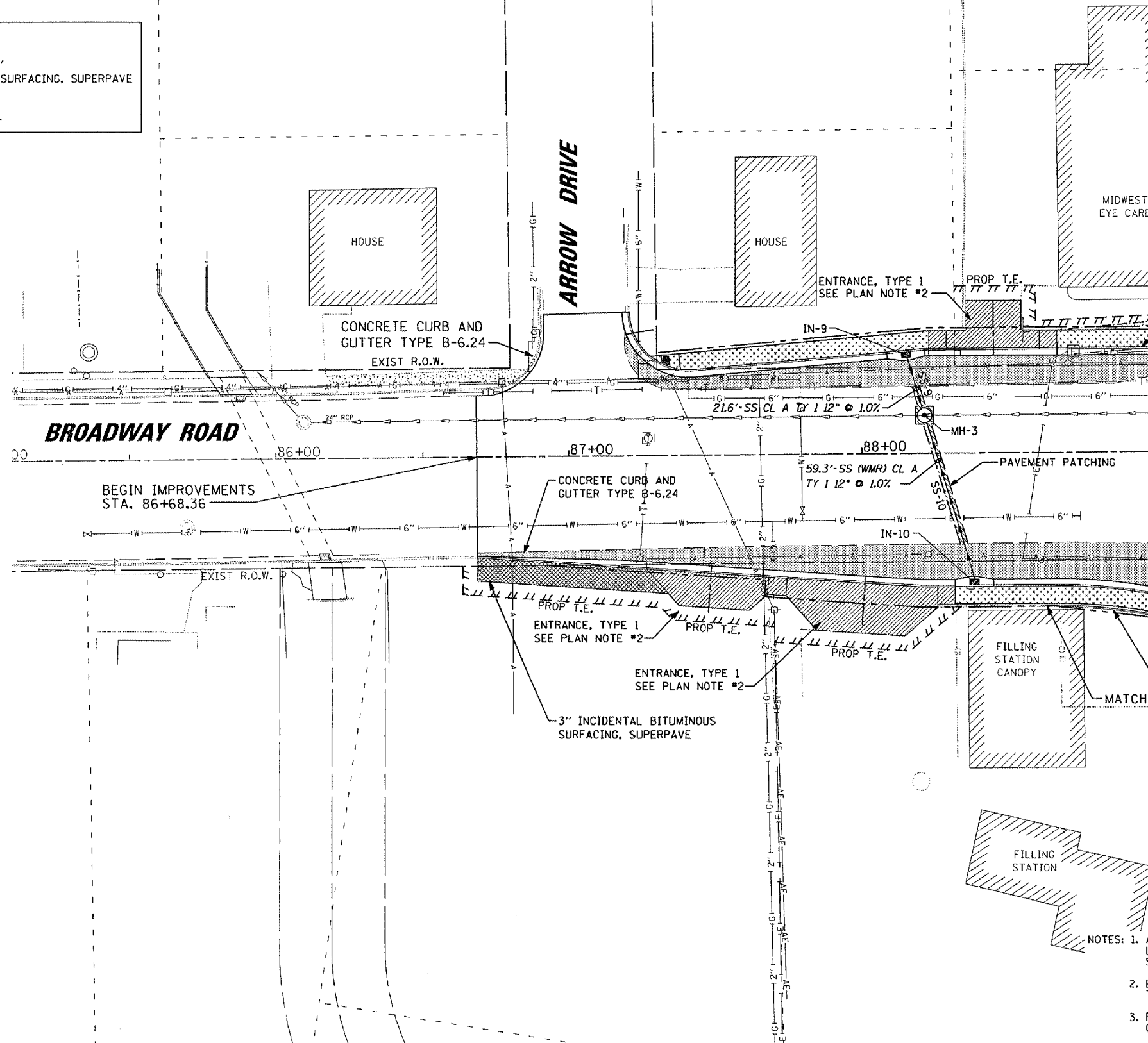
LEGEND

	P.C.C. SIDEWALK 4"
	P.C.C. DRIVEWAY PAVT 6"
	INCIDENTAL BITUMINOUS SURFACING, SUPERPAVE
	P.C.C. BASE COURSE 8"
	PAVEMENT PATCHING, 12"
	SODDING, SALT TOLERANT

STRUCTURE SCHEDULE

STRUCTURE ID	IN-9	IN-10	MH-3
ALIGNMENT	BROADWAY	BROADWAY	BROADWAY
STATION	88+15.25	88+38.50	88+21.50
OFFSET	32.49' L	43.00' R	12.77' L
TYPE	INL TY G-1	INL TY G-1	MH TY A 5'
F & G	VANED LEFT	VANED RIGHT	T1 CL
CONTROL EL.	543.25	543.64	543.74
	540.25	540.64	540.03 (N)
INV. EL.	---	---	540.05 (S)
	---	---	540.05 (E, W)
REMARKS			1

DRAINAGE SCHEDULE NOTE 1: BUILD MANHOLE OVER EXISTING STORM SEWER

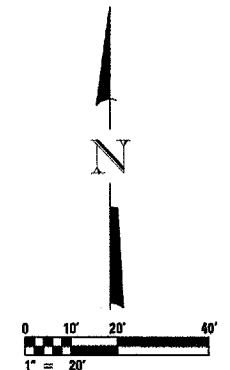


MATCH LINE STA. 89+00.00
SEE CONSTRUCTION DETAILS SHEET 2

EROSION CONTROL PAY ITEMS

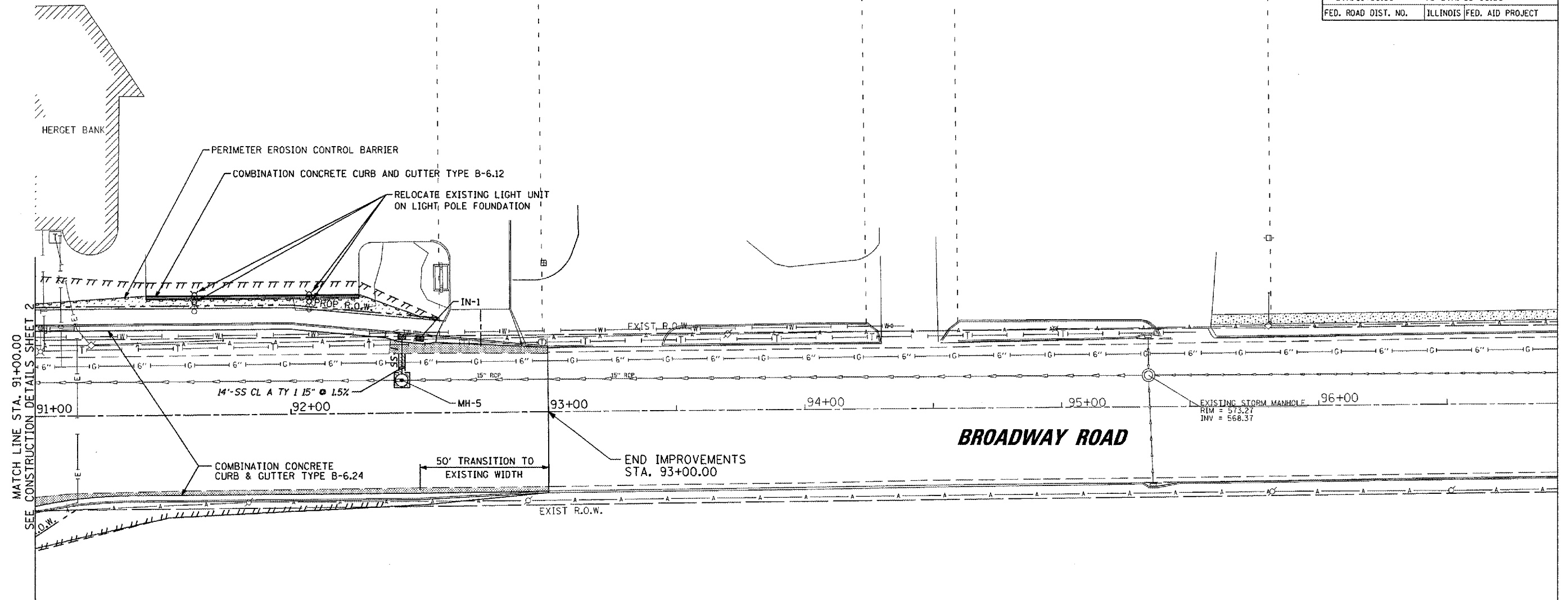
	PERIMETER EROSION CONTROL BARRIER
	INLET AND PIPE PROTECTION

- NOTES:
- ALL CURB INLETS ABUTTING P.C.C. SIDEWALK ARE TO BE TYPE G-1 UNLESS OTHERWISE NOTED. ALL CURB INLETS NOT ABUTTING SIDEWALK ARE TO BE TYPE G-1, SPECIAL, UNLESS OTHERWISE NOTED.
 - ENTRANCE TYPE 1 DENOTES URBAN ENTRANCES, ACCESSIBLE TO THE DISABLED, FOR CURBLINE SIDEWALKS
 - FOR COMMERCIAL ENTRANCE SEE DETAIL ON GEOMETRICS AND PAVEMENT GRADES SHEET 2



MAURER-STUTZ, INC.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	34
STA. 91+00.00		TO STA. 93+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



MAURER-STUTZ, INC.
ENGINEERS

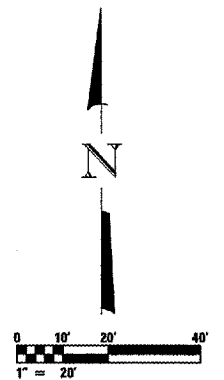
MATCH LINE STA. 91+00.00
SEE CONSTRUCTION DETAILS SHEET 2

LEGEND	
	P.C.C. SIDEWALK 4"
	P.C.C. BASE COURSE 8"
	PAVEMENT PATCHING, 12"
	SODDING, SALT TOLERANT

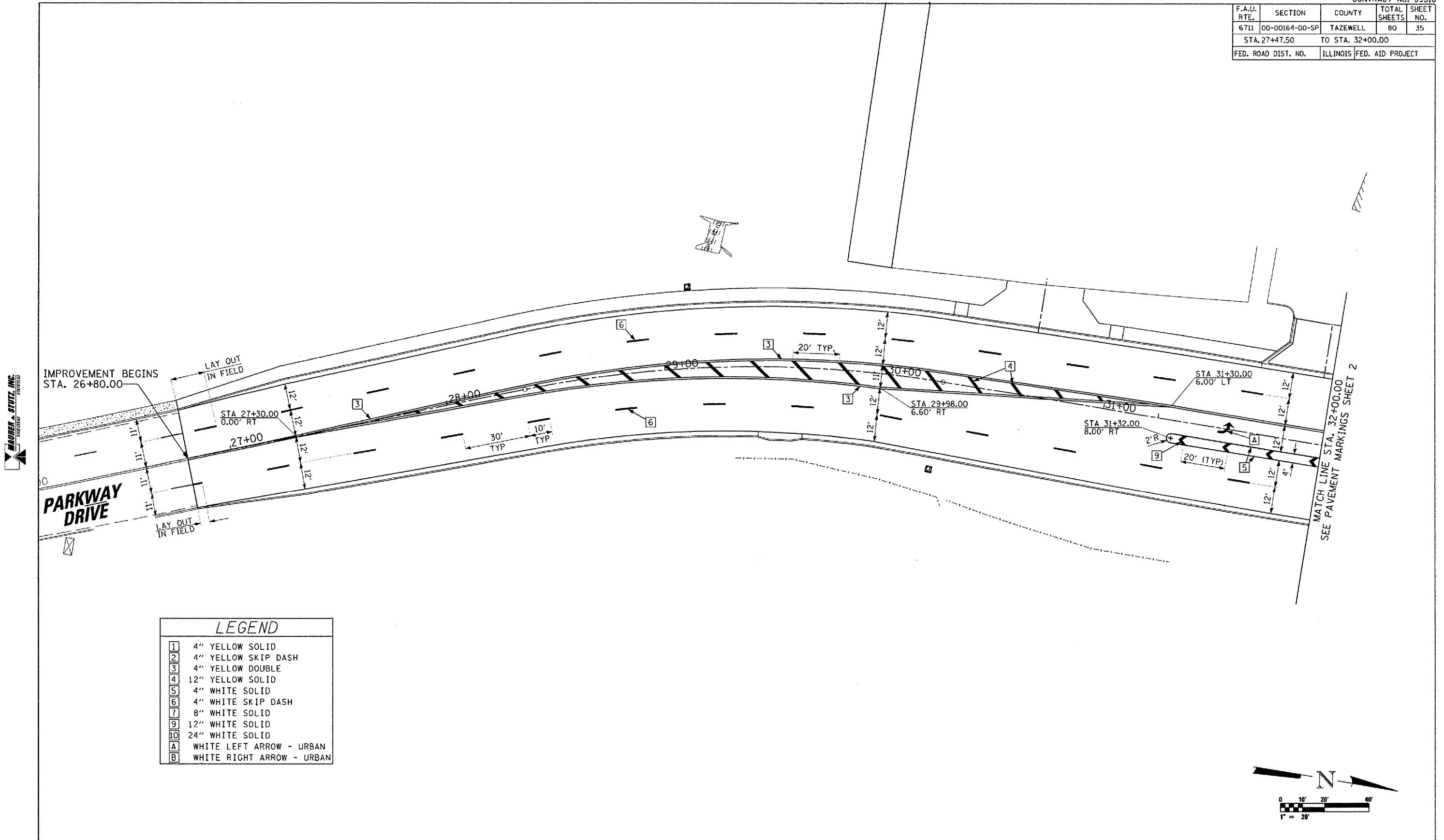
EROSION CONTROL PAY ITEMS	
	PERIMETER EROSION CONTROL BARRIER
	INLET AND PIPE PROTECTION

STRUCTURE SCHEDULE		
STRUCTURE ID	IN-1	MH-5
ALIGNMENT	BROADWAY	BROADWAY
STATION	92+47.40	92+43.75
OFFSET	26.94' L	11.40' L
TYPE	INL TY G-1 DBL	MH TY A 4'
F & G	VANED LEFT	CL
CONTROL EL.	558.38	558.49
	554.88	554.39 (N)
INV. EL.	---	554.34 ± (EX)
	---	---
REMARKS		1

DRAINAGE NOTE 1: BUILD MANHOLE OVER EXISTING STORM SEWER

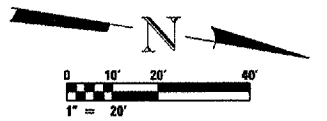


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	35
STA. 27+47.50		TO STA. 32+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

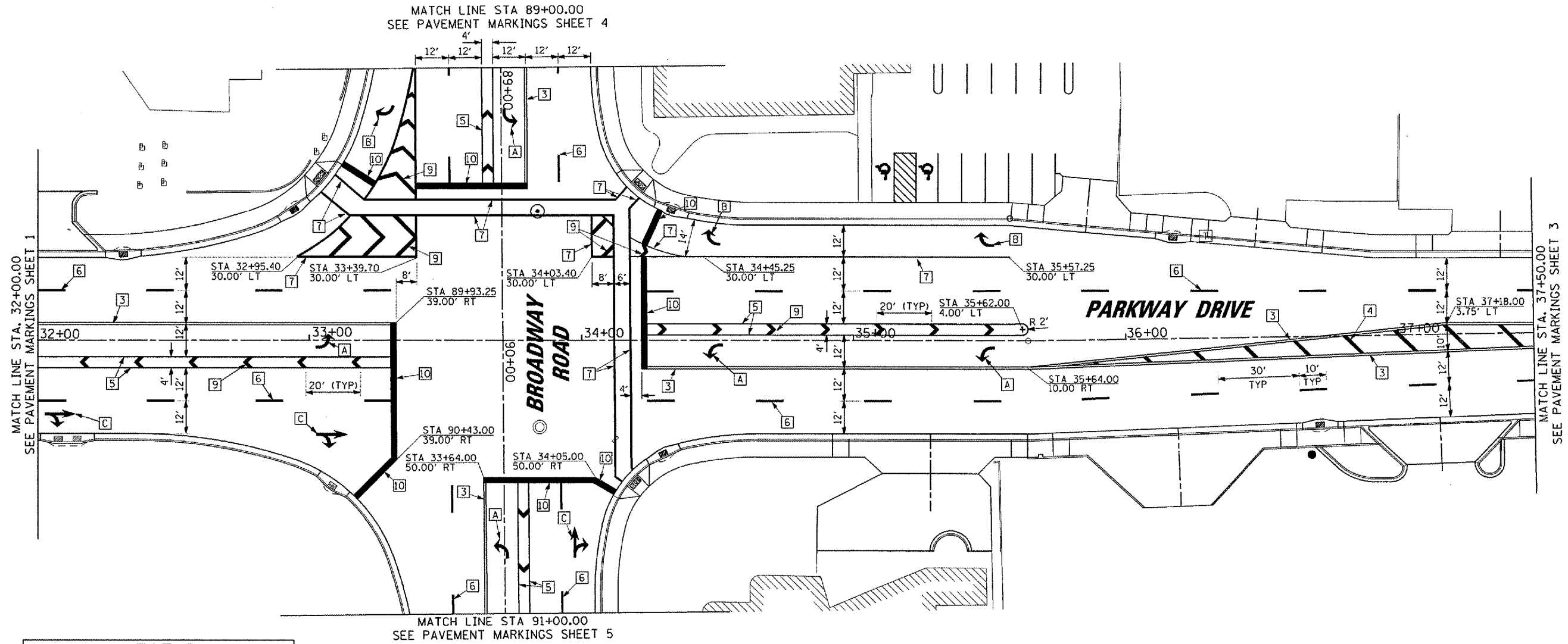


LEGEND

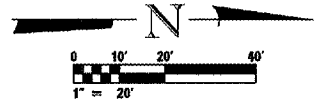
1	4" YELLOW SOLID
2	4" YELLOW SKIP DASH
3	4" YELLOW DOUBLE
4	12" YELLOW SOLID
5	4" WHITE SOLID
6	4" WHITE SKIP DASH
7	8" WHITE SOLID
9	12" WHITE SOLID
10	24" WHITE SOLID
A	WHITE LEFT ARROW - URBAN
B	WHITE RIGHT ARROW - URBAN



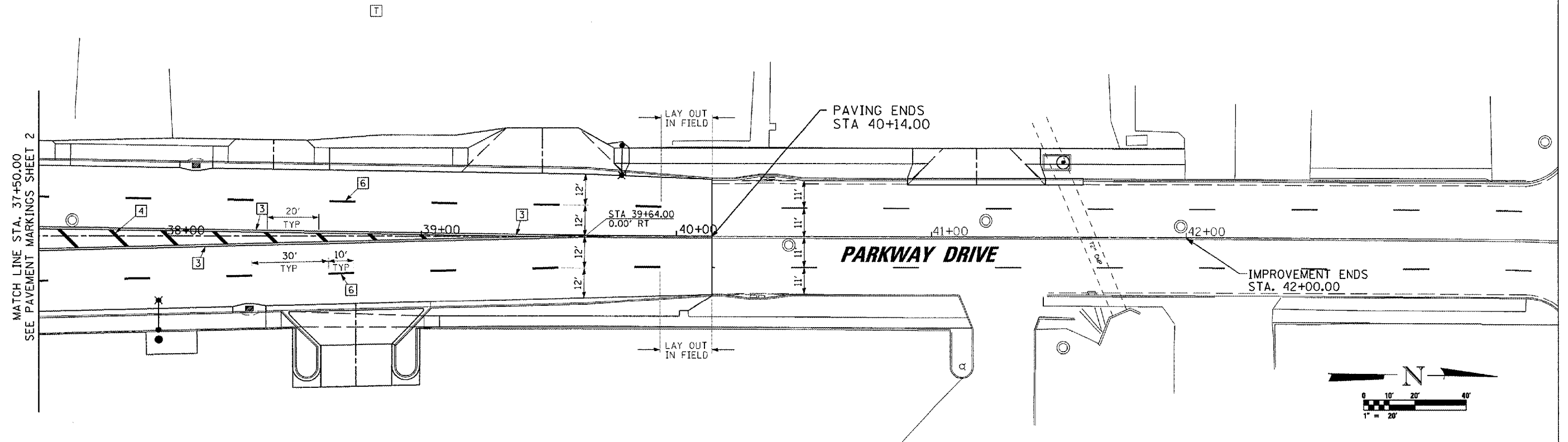
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	36
STA. 32+00.00		TO STA. 37+50.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



LEGEND	
1	4" YELLOW SOLID
2	4" YELLOW SKIP DASH
3	4" YELLOW DOUBLE
4	12" YELLOW SOLID
5	4" WHITE SOLID
6	4" WHITE SKIP DASH
7	8" WHITE SOLID
8	12" WHITE SOLID
9	24" WHITE SOLID
A	WHITE LEFT ARROW - URBAN
B	WHITE RIGHT ARROW - URBAN
C	WHITE THROUGH/RIGHT ARROW - URBAN



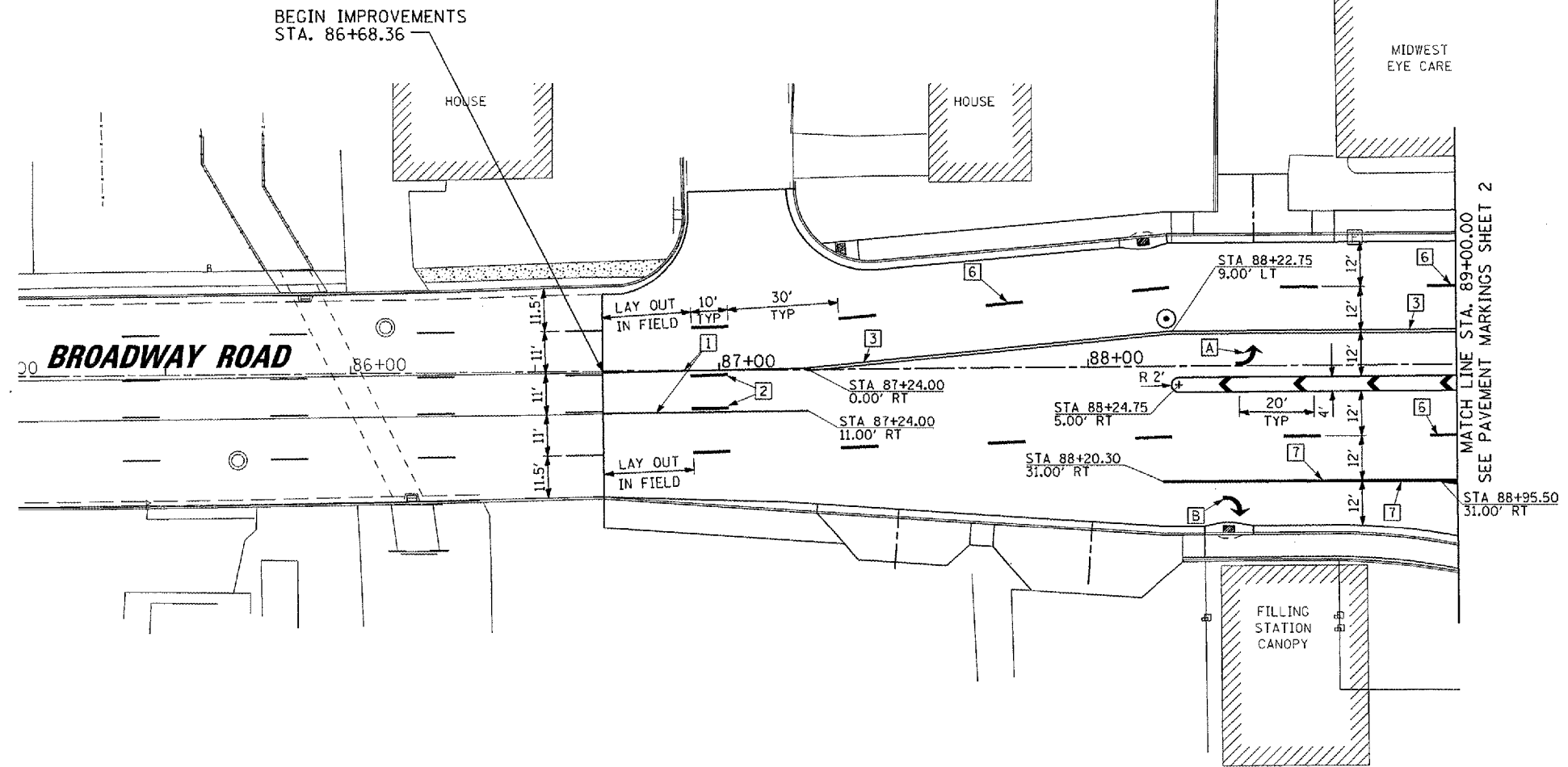
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	37
STA. 37+50.00		TO STA. 42+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



LEGEND	
1	4" YELLOW SOLID
2	4" YELLOW SKIP DASH
3	4" YELLOW DOUBLE
4	12" YELLOW SOLID
5	4" WHITE SOLID
6	4" WHITE SKIP DASH
7	8" WHITE SOLID
9	12" WHITE SOLID
10	24" WHITE SOLID
A	WHITE LEFT ARROW - LARGE
B	WHITE RIGHT ARROW - LARGE

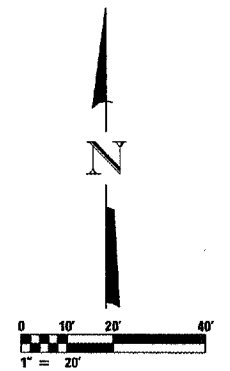


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	38
STA. 86+34.60		TO STA. 91+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



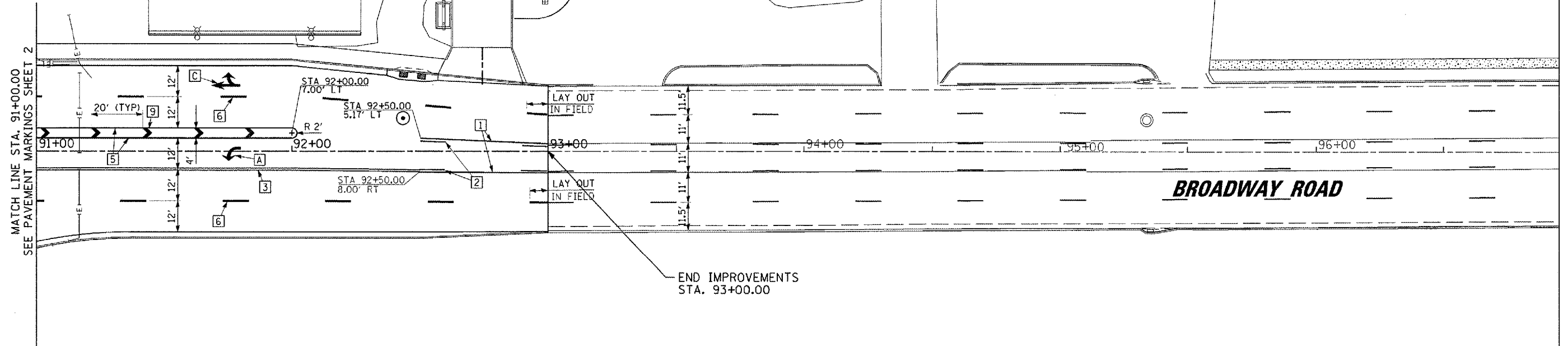
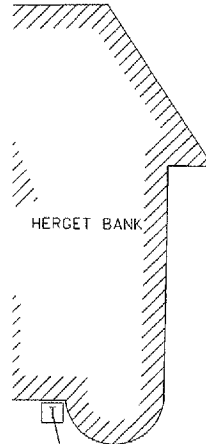
LEGEND

1	4" YELLOW SOLID
2	4" YELLOW SKIP DASH
3	4" YELLOW DOUBLE
4	12" YELLOW SOLID
5	4" WHITE SOLID
6	4" WHITE SKIP DASH
7	8" WHITE SOLID
8	12" WHITE SOLID
9	24" WHITE SOLID
A	WHITE LEFT ARROW - LARGE
B	WHITE RIGHT ARROW - LARGE
C	WHITE DUEL TURN/THROUGH ARROW - LARGE



MAURER-STUTZ, INC.
ENGINEERS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	39
STA. 91+00.00		TO STA. 93+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



LEGEND	
1	4" YELLOW SOLID
2	4" YELLOW SKIP DASH
3	4" YELLOW DOUBLE
4	12" YELLOW SOLID
5	4" WHITE SOLID
6	4" WHITE SKIP DASH
7	8" WHITE SOLID
9	12" WHITE SOLID
10	24" WHITE SOLID
A	WHITE LEFT ARROW - LARGE
B	WHITE RIGHT ARROW - LARGE
C	WHITE DUEL TURN/THROUGH ARROW - LARGE



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	40
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

TRAFFIC SIGNAL AND HIGHWAY LIGHTING QUANTITIES

SIGNAL QUANTITIES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY
ALL QUANTITIES ARE INCLUDED IN THE SUMMARY OF QUANTITIES

PAY ITEM	UNIT	TOTAL QUANTITY
SERVICE INSTALLATION, TYPE B (MODIFIED)	EACH	1
CONDUIT IN TRENCH, 2" DIA, PVC	FOOT	2292
CONDUIT IN TRENCH, 3" DIA, PVC	FOOT	95
CONDUIT IN TRENCH, 3 1/2" DIA, PVC	FOOT	179
CONDUIT PUSHED, 3 1/2" DIA, PVC	FOOT	232
JUNCTION BOX (SPECIAL)	EACH	2
HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	3
DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1
ELECTRICAL CABLE IN CONDUIT, 600 V (XLP-TYPE USE) 1/C NO. 6	FOOT	5018
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	2545
LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH	8
LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	4
LIGHT POLE FOUNDATION	EACH	2
REMOVAL OF EXISTING LIGHTING UNIT, SALVAGE	EACH	6
LIGHTING FOUNDATION REMOVAL	EACH	2
RELOCATE EXISTING LIGHTING UNIT	EACH	10
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14, 3C	FOOT	357
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14, 5C	FOOT	558
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14, 7C	FOOT	2415
TRAFFIC SIGNAL POST, GALVANIZED STEEL, 16 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	2
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 52 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 54 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	3.0
CONCRETE FOUNDATION, TYPE D	FOOT	3.0
CONCRETE FOUNDATION, TYPE E, 36-INCH DIAMETER	FOOT	60.0
SIGNAL HEAD, LED, 1 FACE, 3 SECTION, MAST ARM MOUNTED	EACH	8
SIGNAL HEAD, LED, 1 FACE, 4 SECTION, WITH ONE DUAL-INDICATION SECTION, MAST ARM MOUNTED	EACH	4
SIGNAL HEAD, POLYCARBONATE, LED, 1 FACE, 3 SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, POLYCARBONATE, LED, 1 FACE, 4 SECTION, WITH ONE DUAL-INDICATION SECTION, BRACKET MOUNTED	EACH	6
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED	EACH	2
PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED	EACH	1
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	12
LIGHT DETECTOR, SPECIAL	EACH	2
LIGHT DETECTOR AMPLIFIER	EACH	1
PEDESTRIAN PUSH BUTTON	EACH	4
TEMPORARY TRAFFIC SIGNAL INSTALLATION	L SUM	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	5
REMOVE EXISTING CONCRETE FOUNDATION	EACH	5
ELECTRIC CABLE IN CONDUIT, GROUND, NO. 6 1/C (GREEN)	FOOT	2395
VIDEO VEHICLE DETECTION SYSTEM, 4 CAMERAS	EACH	250
BATTERY BACK-UP UPS SYSTEM	L SUM	1

TRAFFIC SIGNAL CONSTRUCTION NOTES

1. ALL TRAFFIC SIGNALS AND PEDESTRIAN SECTIONS SHALL HAVE 12" SINGLE LED LENSES.
2. THE RED SECTIONS OF THE SIGNAL HEADS SHARING THE SAME MAST ARM SHALL BE LEVEL WITH ONE ANOTHER AND MAINTAIN A 16" MINIMUM CLEARANCE FROM THE HIGHEST POINT OF THE ROADWAY.
3. THE PROPOSED MAST ARM MOUNTED TRAFFIC SIGNAL HEADS SHALL BE MOUNTED DIRECTLY OVER THE CENTER OF THEIR RESPECTIVE LANES.
4. ALL TRAFFIC SIGNAL HEAD BRACKETS ARE TO BE ALUMINUM WITH A NATURAL FINISH.
5. ALL TRAFFIC SIGNAL POSTS ARE TO BE GALVANIZED STEEL.
6. ALL SIGNAL CABINETS TO BE UNPAINTED ALUMINUM.
7. BACKPLATES SHALL BE POLYCARBONATE WITH A DEEP BACK LOUVERED FLANGE.
8. PROPOSED HANDHOLES SHALL BE CAST IN PLACE CONCRETE HANDHOLES.
9. ALL HANDHOLES SHALL BE CONSTRUCTED SO THAT THE TOP OF THE FRAME WILL BE FLUSH WITH THE SURFACE OF THE MEDIAN, SIDEWALK, OR GROUND LINE. THE CAST-IN-PLACE LEGEND ON THE COVER SHALL BE "TRAFFIC SIGNALS".
10. THE LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY TRAFFIC SIGNAL COMPONENTS. CALL J.U.L.I.E. AT 800-892-0123.
11. THE CONTRACTOR IS RESPONSIBLE FOR UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THE COST OF THIS WORK IS TO BE INCLUDED WITH THE TRENCH AND BACKFILL FOR ELECTRICAL WORK PAY ITEM.
12. COILABLE POLYETHYLENE DUCT MAY BE SUBSTITUTED FOR PVC CONDUIT PUSHED OR TRENCHED.
13. THE TRAFFIC SIGNAL CONTROLLER SHALL BE ORIENTED SO THAT THE DOOR IS FACING AWAY FROM TRAFFIC.
14. THE DOUBLE HANDHOLE SHALL NOT BE USED IN LIEU OF THE CONTROLLER FOUNDATION PAD.
15. TRAFFIC SIGNAL HEADS SHALL BE PROPERLY COVERED PRIOR TO INTERSECTION TURN-ON OR AS DIRECTED BY THE ENGINEER. THIS COST SHALL BE INCLUDED WITH THE COST OF THE ASSOCIATED SIGNAL PAY ITEMS.
16. THE CONTRACTOR MAY ELECT TO PUSH A CONDUIT THAT IS SHOWN TO BE TRENCHED ON THE PLANS. HOWEVER, THIS WORK WILL BE MEASURED FOR PAYMENT AND PAID FOR AS CONDUIT IN TRENCH OF THE TYPE AND SIZE SPECIFIED AND TRENCH AND BACKFILL FOR ELECTRICAL WORK.
17. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 24 INCHES MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.
18. THE ELECTRICAL CONDUCTORS FOR ALL TRAFFIC SIGNAL HEADS SHALL BE SOLID, SOFT COPPER.
19. ALL MAST ARMS, POSTS, HANDHOLES (LIDS AND FRAMES), METALLIC CONDUIT AND CABINETS SHALL BE GROUNDED IN ACCORDANCE WITH NEC REQUIREMENTS. GROUND RODS SHALL BE SOLID COPPER ALLOY OR COPPER CLAD STEEL.
20. ALL MAST ARM BASES SHALL BE PROTECTED BY A STAINLESS STEEL MESH SCREENING AROUND THE BASE BOLTS TO PREVENT RODENT ENTRY. THE MESH SHALL BE SECURED TO THE BASE BY STAINLESS STEEL BANDING. THIS WORK SHALL BE INCLUDED IN THE COST OF THE MAST ARM ASSEMBLY PAY ITEM.
21. THE LOCATIONS FOR HANDHOLES, TRAFFIC SIGNAL POST FOUNDATIONS, AND MAST ARM FOUNDATIONS ARE PROVIDED FOR REFERENCE ONLY. THE ENGINEER OF TRAFFIC SHALL BE NOTIFIED FOR LOCATION VERIFICATION BEFORE INSTALLATION.
22. THE CONTRACTOR SHALL CONTACT AMEREN PRIOR TO BEGINNING WORK TO OBTAIN THE UTILITY COMPANY REQUIREMENTS FOR THE SERVICE INSTALLATION.
23. ALL SURPLUS MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.
24. ALL STEEL COMBINATION MAST ARM ASSEMBLIES AND POLES SHALL BE EQUIPPED WITH 12 FT. LUMINAIRE ARMS AND HAVE A 45 FT. LUMINAIRE MOUNTING HEIGHT.
25. ALL GRASS DISTURBED BY THE CONTRACTOR SHALL BE RESTORED BY SEEDING AND/OR SOD TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE PAY ITEM TRENCH AND BACKFILL FOR ELECTRICAL WORK.
26. NEW R10-4B SIGNS (PUSH BUTTON FOR WALK SIGNAL) SHALL BE INSTALLED ABOVE EACH PEDESTRIAN PUSH BUTTON. THIS WORK SHALL BE INCLUDED IN THE COST OF PEDESTRIAN PUSH BUTTONS AND NO EXTRA COMPENSATION SHALL BE ALLOWED.

TEMPORARY TRAFFIC SIGNAL NOTES

- T1. THE CONTRACTOR SHALL PROVIDE AND INSTALL EQUIPMENT WITH RESPECT TO THE TEMPORARY TRAFFIC SIGNAL INSTALLATION. THIS SHALL INCLUDE ALL CABLES, SIGNAL AND PEDESTRIAN HEADS, CONDUIT, PUSHBUTTONS, CONTROLLER, LUMINAIRES AND CABINET AND ALL OTHER PERIPHERAL EQUIPMENT.
- T2. THE PROPOSED FOUR CAMERA VEHICLE VIDEO DETECTION SYSTEM AND TRAFFIC SIGNAL CONTROLLER SHALL BE USED TO PROVIDE DETECTION FOR THE TEMPORARY TRAFFIC SIGNAL INSTALLATION. THE CONTRACTOR SHALL FURNISH ALL CABLE, MOUNTING BRACKETS, AND ACCESSORIES REQUIRED FOR A COMPLETELY FUNCTIONAL SYSTEM.
- T3. THE EXISTING TRAFFIC SIGNAL IS A NEMA TS-1 FULL ACTUATED, MICROPROCESSOR BASED CONTROLLER THAT CAPABLE OF SUPPLYING 225 SECONDS OF CYCLE LENGTH AND INDIVIDUAL PHASE LENGTH SETTINGS UP TO 99 SECONDS.
- T4. ALL TRAFFIC SIGNAL EQUIPMENT SCHEDULED FOR REMOVAL CAN BE USED FOR TEMPORARY TRAFFIC SIGNALS. ANY MAINTENANCE OF THIS EQUIPMENT WHEN USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ALL EQUIPMENT SHALL BE DELIVERED IN GOOD WORKING CONDITION UPON REMOVAL OF TEMPORARY TRAFFIC SIGNAL INSTALLATION.
- T5. NEW AERIAL TRAFFIC SIGNAL CABLE SHALL BE FURNISHED AND INSTALLED AS SHOWN ON THE PLAN SHEETS. ALL EXISTING TRAFFIC SIGNAL CABLE WILL BE REMOVED.
- T6. THE TEMPORARY TRAFFIC SIGNAL CABLE SHALL BE ATTACHED TO GUY-SECURED TEMPORARY WOOD POLES IN ACCORDANCE WITH STANDARD 880001. ALL CABLE SHALL MAINTAIN A 20 FT. CLEARANCE ABOVE THE HIGHEST POINT OF THE ROADWAY.
- T7. ALL TRAFFIC SIGNALS AND PEDESTRIAN SECTIONS SHALL HAVE 12" LENSES.
- T8. THE TEMPORARY TRAFFIC SIGNAL HEADS SHALL BE PLACED AS INDICATED ON THE PLANS OR DIRECTED BY THE ENGINEER.
- T9. THE CONTRACTOR SHALL FURNISH ENOUGH SLACK CABLE TO RELOCATE THE HEADS TO ANY POSITION REQUIRED FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNALS SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS.
- T10. THE TRAFFIC SIGNAL INSTALLATION SHALL CONFORM TO ALL APPLICABLE MUTCD AND NEC STANDARDS.
- T11. ALL LABOR AND MATERIALS REQUIRED TO COMPLY WITH THESE REQUIREMENTS SHALL BE CONSIDERED INCLUDED IN THE PRICE FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION.

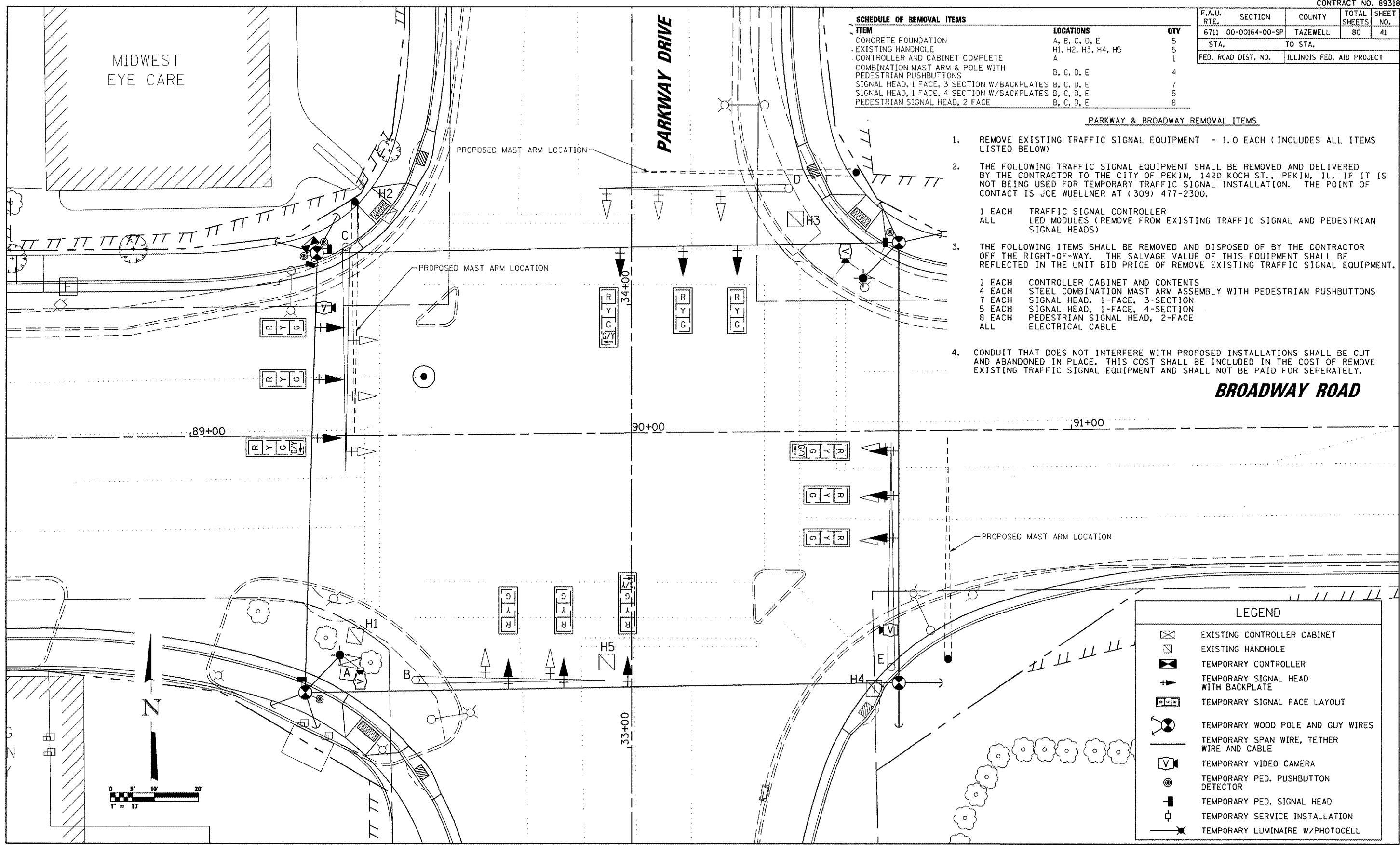


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	41
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

ITEM	LOCATIONS	QTY
CONCRETE FOUNDATION	A, B, C, D, E	5
EXISTING HANDHOLE	H1, H2, H3, H4, H5	5
CONTROLLER AND CABINET COMPLETE	A	1
COMBINATION MAST ARM & POLE WITH PEDESTRIAN PUSHBUTTONS	B, C, D, E	4
SIGNAL HEAD, 1 FACE, 3 SECTION W/BACKPLATES	B, C, D, E	7
SIGNAL HEAD, 1 FACE, 4 SECTION W/BACKPLATES	B, C, D, E	5
PEDESTRIAN SIGNAL HEAD, 2 FACE	B, C, D, E	8

PARKWAY & BROADWAY REMOVAL ITEMS

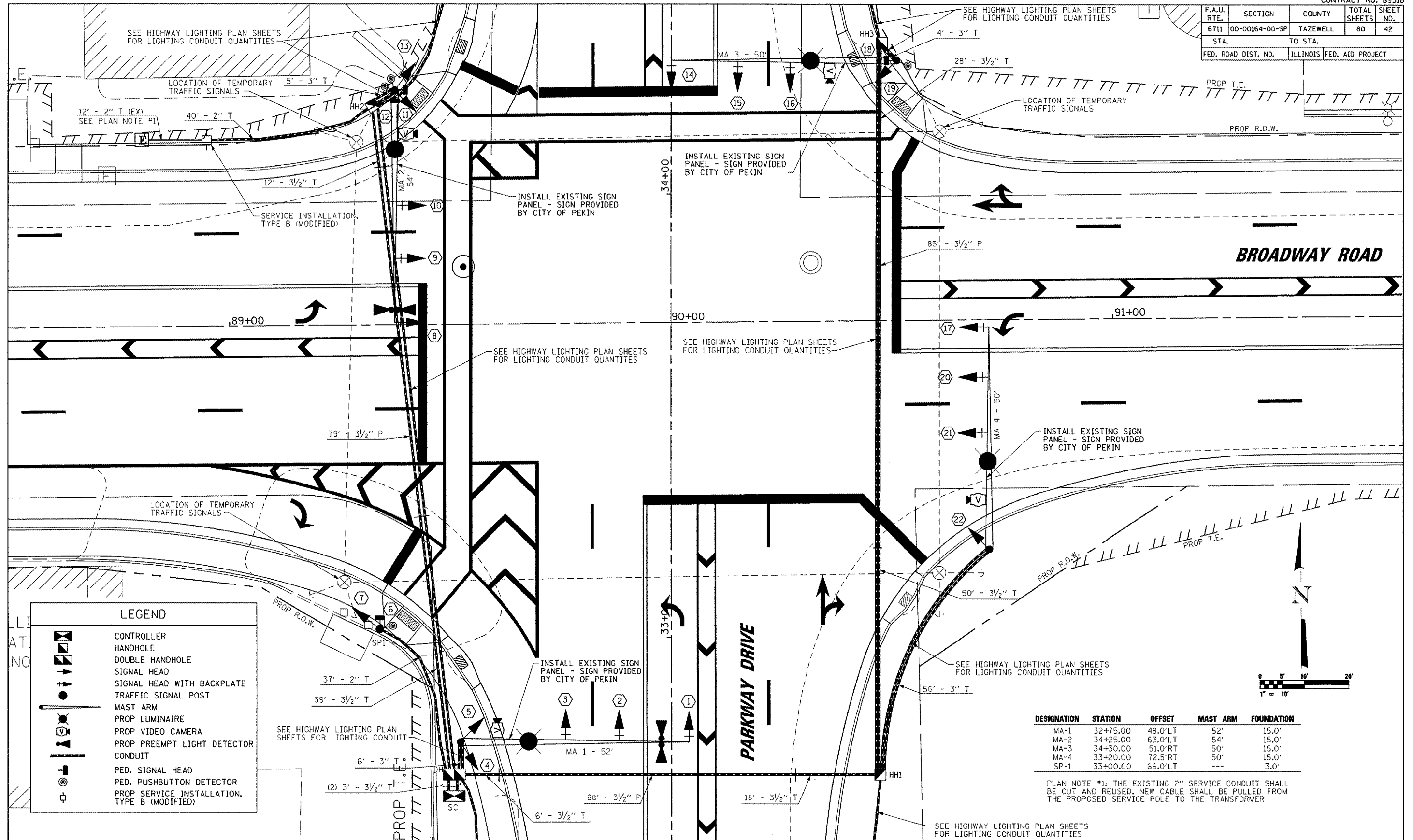
- REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT - 1.0 EACH (INCLUDES ALL ITEMS LISTED BELOW)
- THE FOLLOWING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED AND DELIVERED BY THE CONTRACTOR TO THE CITY OF PEKIN, 1420 KOCH ST., PEKIN, IL, IF IT IS NOT BEING USED FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION. THE POINT OF CONTACT IS JOE WUELLNER AT (309) 477-2300.
 - 1 EACH TRAFFIC SIGNAL CONTROLLER
 - ALL LED MODULES (REMOVE FROM EXISTING TRAFFIC SIGNAL AND PEDESTRIAN SIGNAL HEADS)
- THE FOLLOWING ITEMS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR OFF THE RIGHT-OF-WAY. THE SALVAGE VALUE OF THIS EQUIPMENT SHALL BE REFLECTED IN THE UNIT BID PRICE OF REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT.
 - 1 EACH CONTROLLER CABINET AND CONTENTS
 - 4 EACH STEEL COMBINATION MAST ARM ASSEMBLY WITH PEDESTRIAN PUSHBUTTONS
 - 7 EACH SIGNAL HEAD, 1-FACE, 3-SECTION
 - 5 EACH SIGNAL HEAD, 1-FACE, 4-SECTION
 - 8 EACH PEDESTRIAN SIGNAL HEAD, 2-FACE
 - ALL ELECTRICAL CABLE
- CONDUIT THAT DOES NOT INTERFERE WITH PROPOSED INSTALLATIONS SHALL BE CUT AND ABANDONED IN PLACE. THIS COST SHALL BE INCLUDED IN THE COST OF REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT AND SHALL NOT BE PAID FOR SEPERATELY.



BROADWAY ROAD

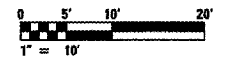
LEGEND	
[Symbol]	EXISTING CONTROLLER CABINET
[Symbol]	EXISTING HANDHOLE
[Symbol]	TEMPORARY CONTROLLER
[Symbol]	TEMPORARY SIGNAL HEAD WITH BACKPLATE
[Symbol]	TEMPORARY SIGNAL FACE LAYOUT
[Symbol]	TEMPORARY WOOD POLE AND GUY WIRES
[Symbol]	TEMPORARY SPAN WIRE, TETHER WIRE AND CABLE
[Symbol]	TEMPORARY VIDEO CAMERA
[Symbol]	TEMPORARY PED. PUSHBUTTON DETECTOR
[Symbol]	TEMPORARY PED. SIGNAL HEAD
[Symbol]	TEMPORARY SERVICE INSTALLATION
[Symbol]	TEMPORARY LUMINAIRE W/PHOTOCELL

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	42
STA. TO STA.		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO.				



DESIGNATION	STATION	OFFSET	MAST ARM	FOUNDATION
MA-1	32+75.00	48.0'LT	52'	15.0'
MA-2	34+25.00	63.0'LT	54'	15.0'
MA-3	34+30.00	51.0'RT	50'	15.0'
MA-4	33+20.00	72.5'RT	50'	15.0'
SP-1	33+00.00	66.0'LT	---	3.0'

PLAN NOTE #1: THE EXISTING 2" SERVICE CONDUIT SHALL BE CUT AND REUSED, NEW CABLE SHALL BE PULLED FROM THE PROPOSED SERVICE POLE TO THE TRANSFORMER



MAURER-STUTZ, INC.
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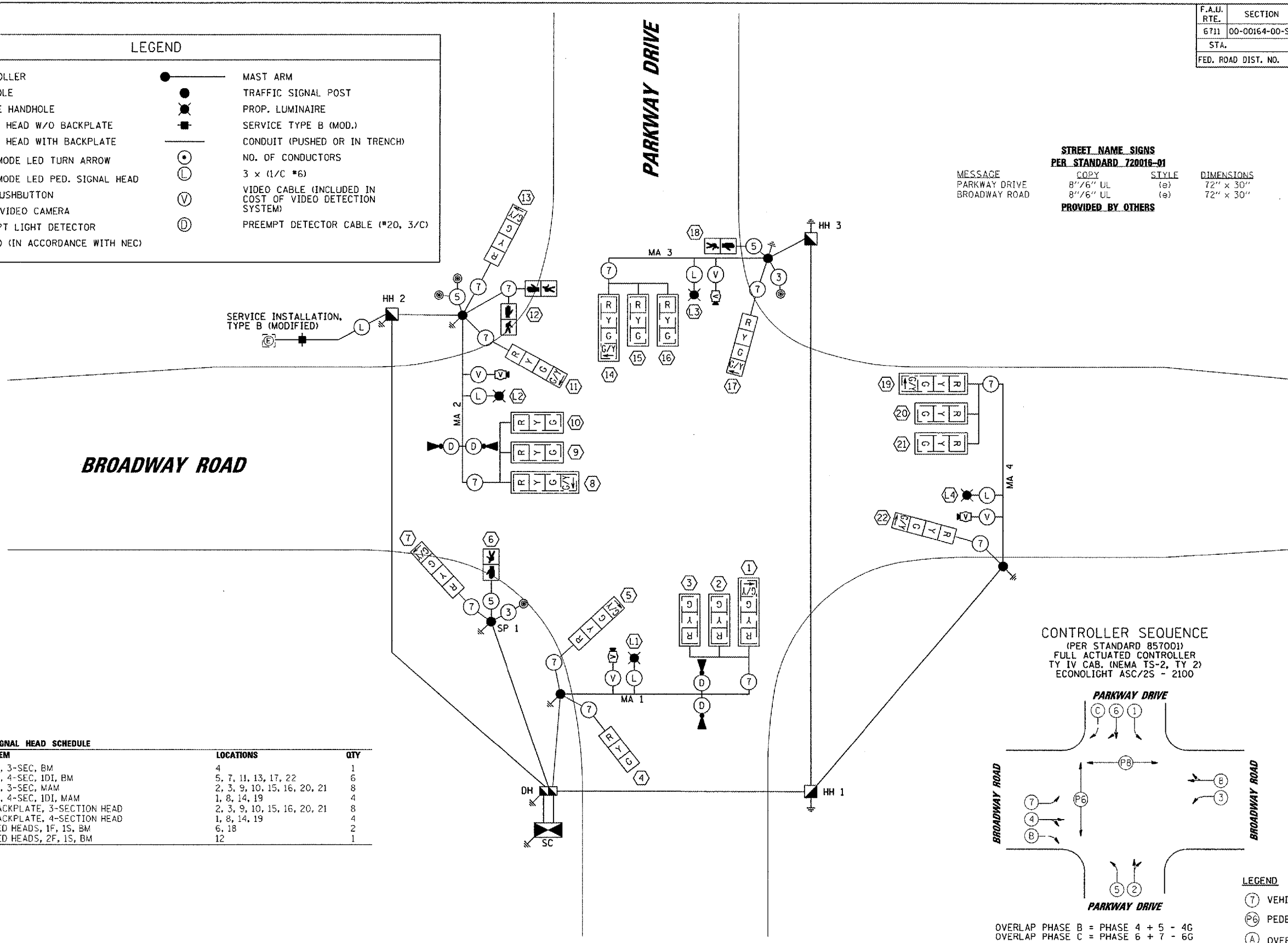
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	43
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

LEGEND	
	CONTROLLER
	HANDHOLE
	DOUBLE HANDHOLE
	SIGNAL HEAD W/O BACKPLATE
	SIGNAL HEAD WITH BACKPLATE
	DUAL MODE LED TURN ARROW
	DUAL MODE LED PED. SIGNAL HEAD
	PED. PUSHBUTTON
	PROP. VIDEO CAMERA
	PREEMPT LIGHT DETECTOR
	GROUND (IN ACCORDANCE WITH NEC)
	MAST ARM
	TRAFFIC SIGNAL POST
	PROP. LUMINAIRE
	SERVICE TYPE B (MOD.)
	CONDUIT (PUSHED OR IN TRENCH)
	NO. OF CONDUCTORS
	3 x (1/C *6)
	VIDEO CABLE (INCLUDED IN COST OF VIDEO DETECTION SYSTEM)
	PREEMPT DETECTOR CABLE (#20, 3/C)

STREET NAME SIGNS
PER STANDARD 720016-01

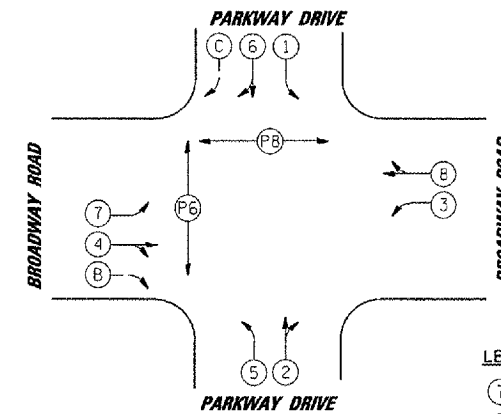
MESSAGE	COPY	STYLE	DIMENSIONS
PARKWAY DRIVE	8" x 6" UL	(e)	72" x 30"
BROADWAY ROAD	8" x 6" UL	(e)	72" x 30"

PROVIDED BY OTHERS



SIGNAL HEAD SCHEDULE		
ITEM	LOCATIONS	QTY
1F, 3-SEC, BM	4	1
1F, 4-SEC, 1DI, BM	5, 7, 11, 13, 17, 22	6
1F, 3-SEC, MAM	2, 3, 9, 10, 15, 16, 20, 21	8
1F, 4-SEC, 1DI, MAM	1, 8, 14, 19	4
BACKPLATE, 3-SECTION HEAD	2, 3, 9, 10, 15, 16, 20, 21	8
BACKPLATE, 4-SECTION HEAD	1, 8, 14, 19	4
PED HEADS, 1F, 1S, BM	6, 18	2
PED HEADS, 2F, 1S, BM	12	1

CONTROLLER SEQUENCE
 (PER STANDARD 857001)
 FULL ACTUATED CONTROLLER
 TY IV CAB. (NEMA TS-2, TY 2)
 ECONOLIGHT ASC/2S - 2100



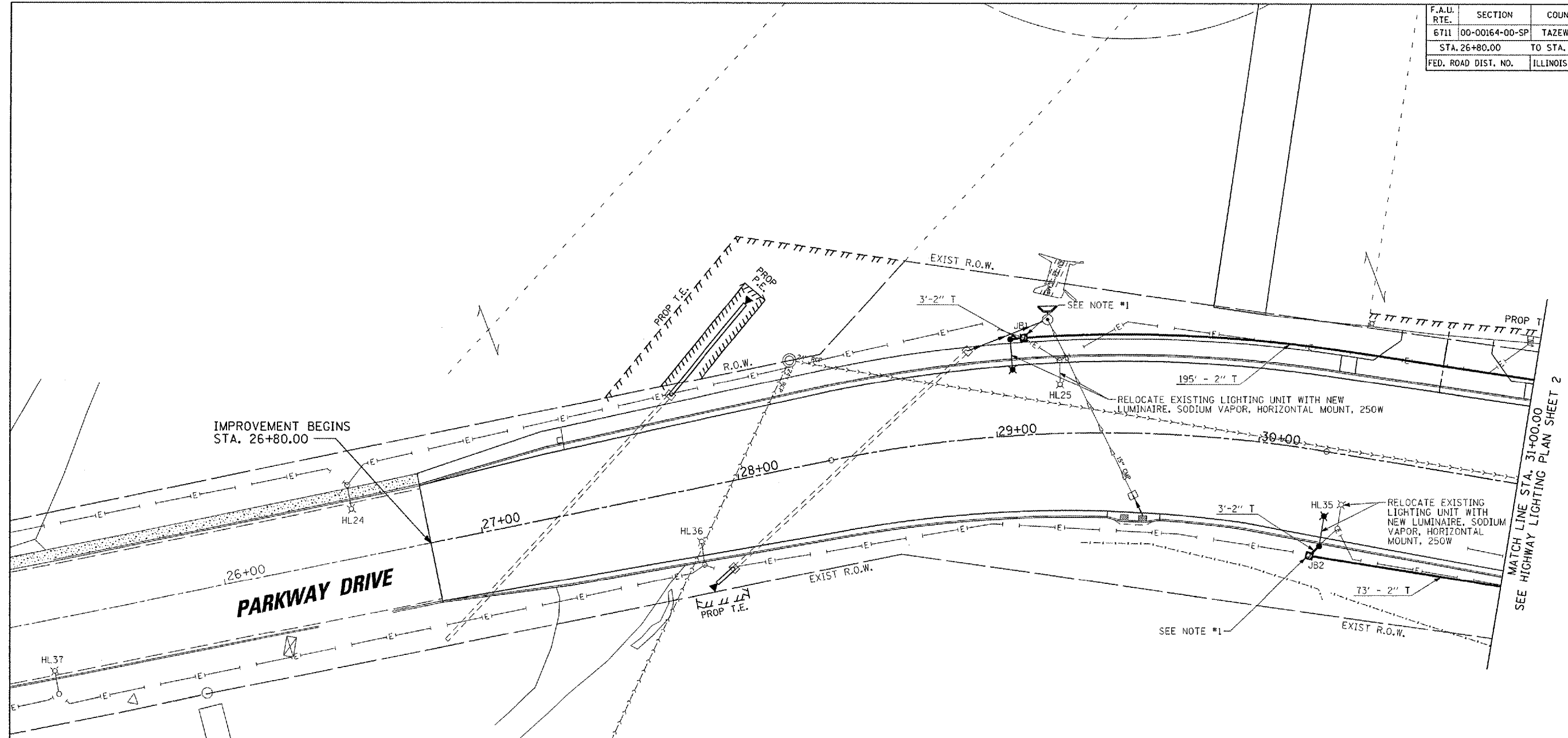
OVERLAP PHASE B = PHASE 4 + 5 - 4G
 OVERLAP PHASE C = PHASE 6 + 7 - 6G

LEGEND	
(7)	VEHICULAR PHASE
(P6)	PEDESTRIAN PHASE
(A)	OVERLAP PHASE



MAURER-STUTZ, INC.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	44
STA. 26+80.00		TO STA. 31+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



IMPROVEMENT BEGINS STA. 26+80.00

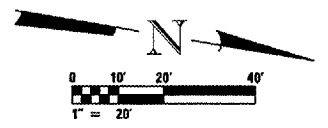
PARKWAY DRIVE

MATCH LINE STA. 31+00.00
SEE HIGHWAY LIGHTING PLAN SHEET 2

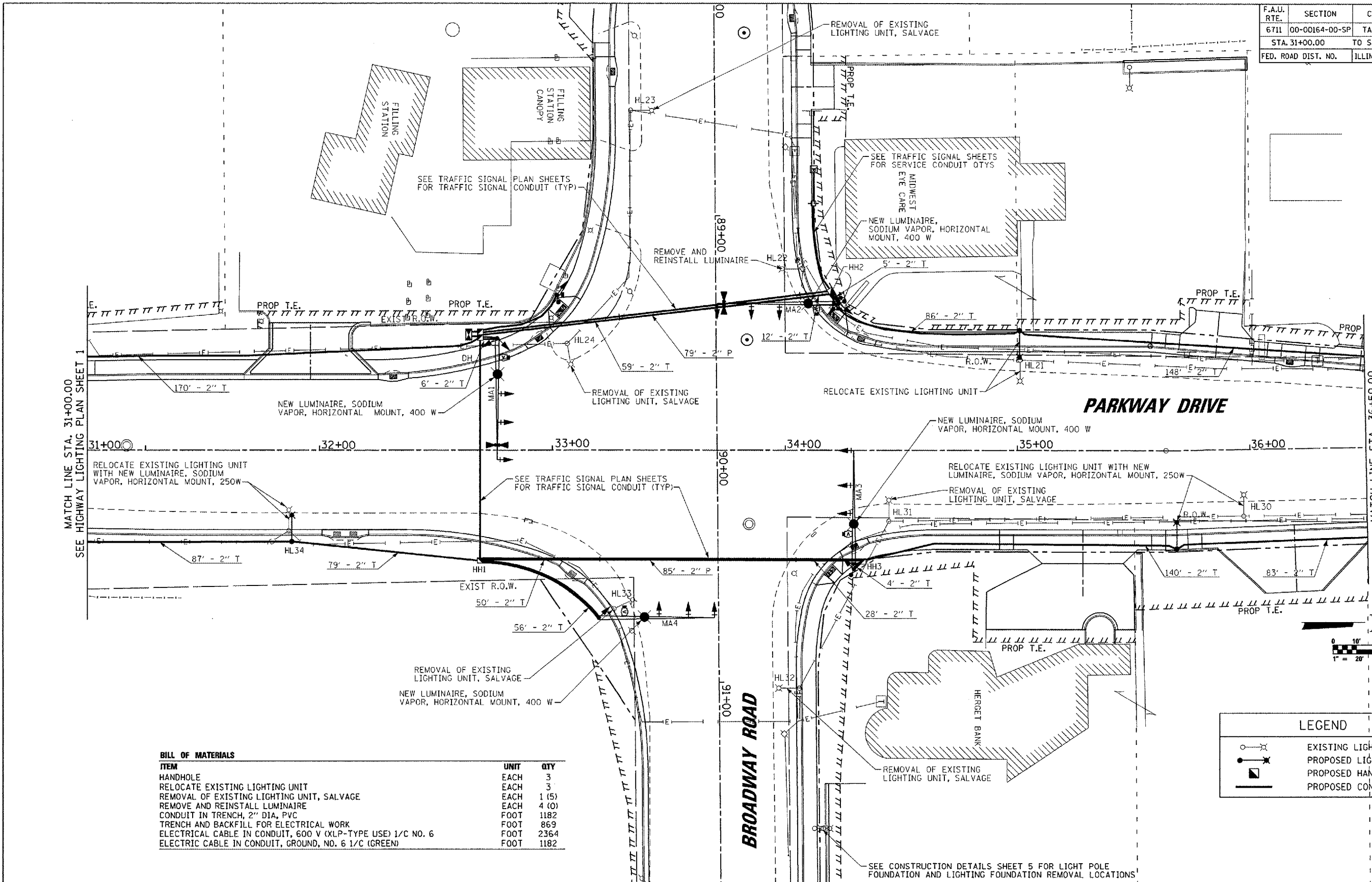
LEGEND	
	EXISTING LIGHT POLE
	PROPOSED LIGHT POLE
	PROPOSED CONCRETE HANDHOLE (SPECIAL)
	PROPOSED CONDUIT

- PLAN NOTES:
- BUILD PROPOSED JUNCTION BOX (SPECIAL) OVER EXISTING CONDUIT. REMOVE CONDUIT WITHIN THE HANDHOLE, PULL EXISTING CABLE BACK, RE-USE AND REDIRECT TO RELOCATED POLE.
 - SEE SHEET 69 FOR LIGHT POLE RELOCATION DETAILS.

BILL OF MATERIALS		
ITEM	UNIT	QTY
JUNCTION BOX (SPECIAL)	EACH	2
RELOCATE EXISTING LIGHTING UNIT	EACH	2
CONDUIT IN TRENCH, 2" DIA, PVC	FOOT	274
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	274
ELECTRICAL CABLE IN CONDUIT, 600 V (XLP-TYPE USE) 1/C NO. 6	FOOT	548
ELECTRIC CABLE IN CONDUIT, GROUND, NO. 6 1/C (GREEN)	FOOT	274



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	45
STA. 31+00.00		TO STA. 36+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

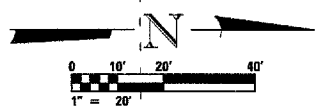


BILL OF MATERIALS

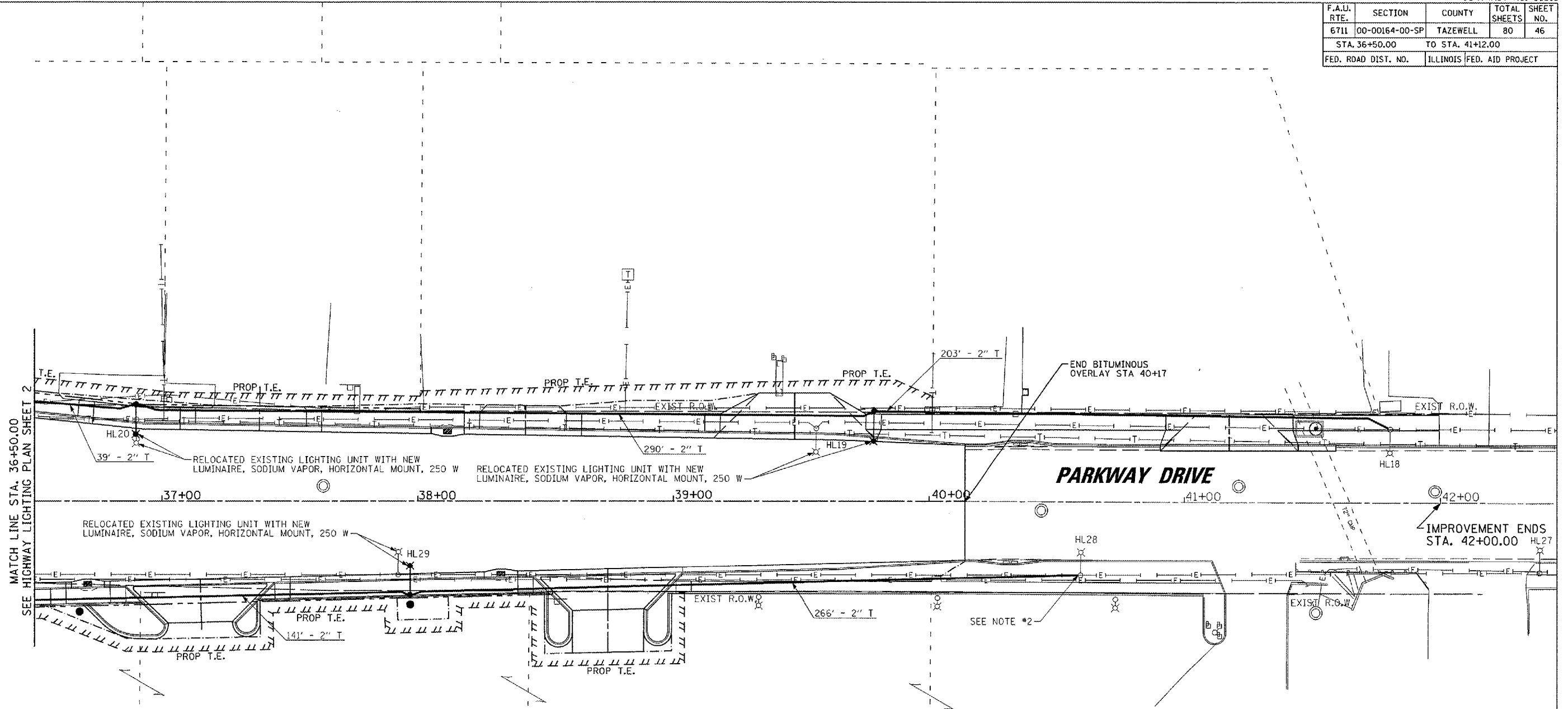
ITEM	UNIT	QTY
HANDHOLE	EACH	3
RELOCATE EXISTING LIGHTING UNIT	EACH	3
REMOVAL OF EXISTING LIGHTING UNIT, SALVAGE	EACH	1 (5)
REMOVE AND REINSTALL LUMINAIRE	EACH	4 (0)
CONDUIT IN TRENCH, 2" DIA, PVC	FOOT	1182
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	869
ELECTRICAL CABLE IN CONDUIT, 600 V (XLP-TYPE USE) 1/C NO. 6	FOOT	2364
ELECTRIC CABLE IN CONDUIT, GROUND, NO. 6 1/C (GREEN)	FOOT	1182

LEGEND

- EXISTING LIGHT POLE
- PROPOSED LIGHT POLE
- PROPOSED HANDHOLE
- PROPOSED CONDUIT



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	46
STA. 36+50.00		TO STA. 41+12.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

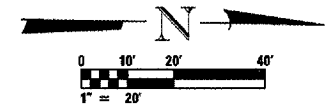


LEGEND	
	EXISTING LIGHT POLE
	PROPOSED LIGHT POLE
	PROPOSED HANDHOLE
	PROPOSED CONDUIT

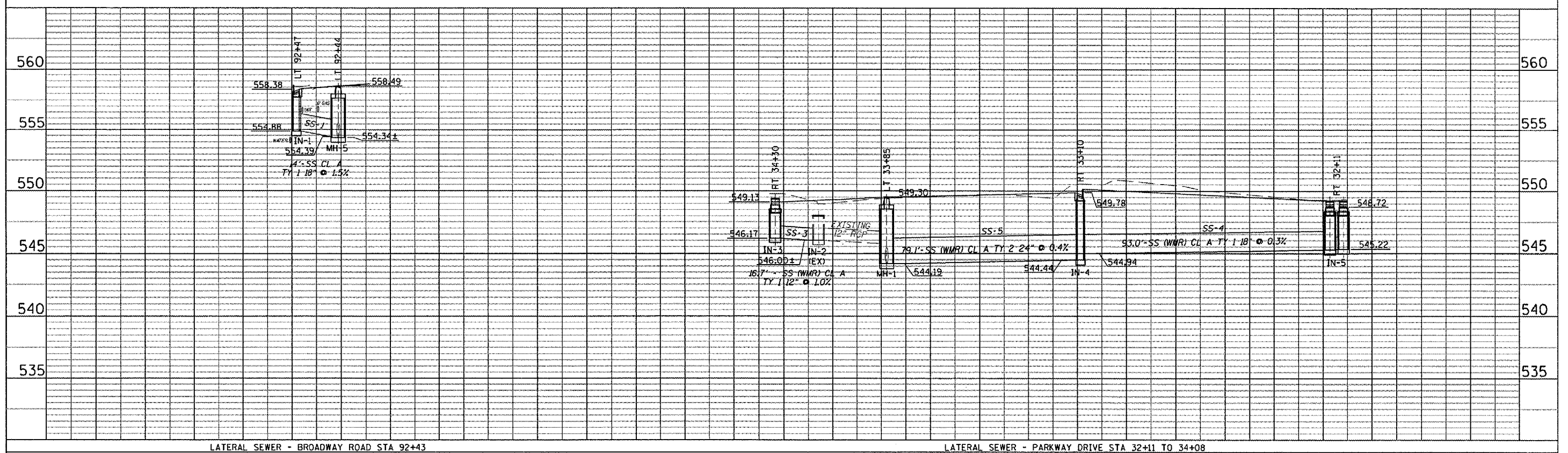
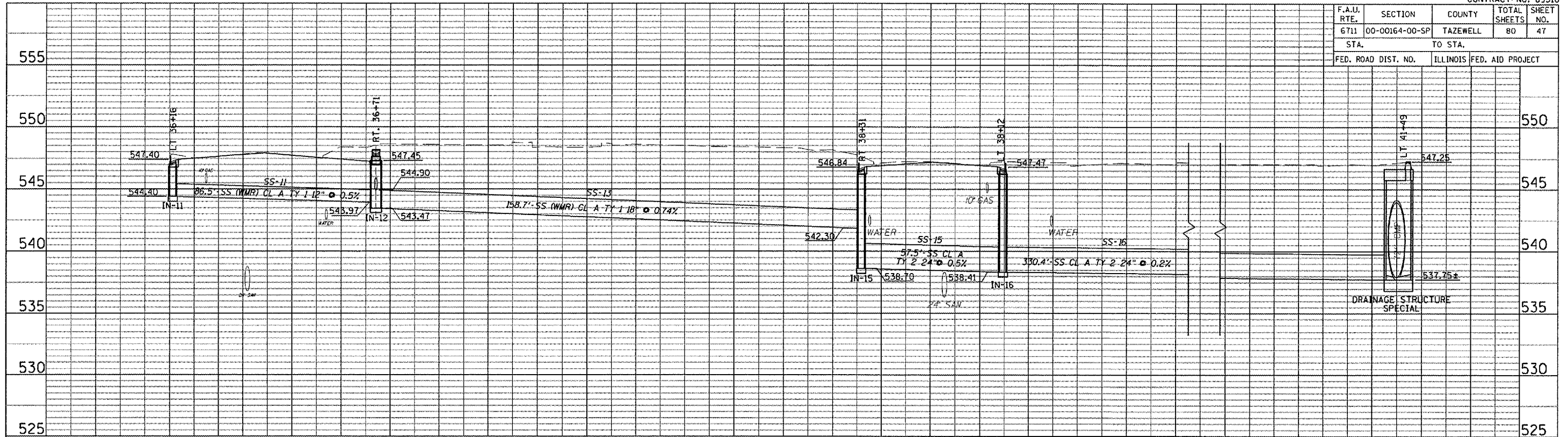
NOTES 1: DETACH EXISTING CABLE FROM EXISTING LIGHT POLE. CONNECT NEW CABLE IN PROPOSED CONDUIT TO EXISTING LIGHT POLE. COST OF CONNECTION TO EXISTING LIGHT POLE TO BE INCLUDED IN COST OF ELECTRICAL WORK IN CONDUIT, 600 V (XLP-TYPE USE) 1/C NO. 6. SEE PRE-CAST CONCRETE LIGHT POLE RELOCATION DETAIL.

2: THE EXISTING CABLE BETWEEN HL 19 AND HL 18 SHALL BE REMOVED TO ACCOMMODATE NEW CONSTRUCTION. NEW HL CABLE SHALL BE REINSTALLED BETWEEN THE RELOCATED HL 19 AND THE EXISTING HL 18.

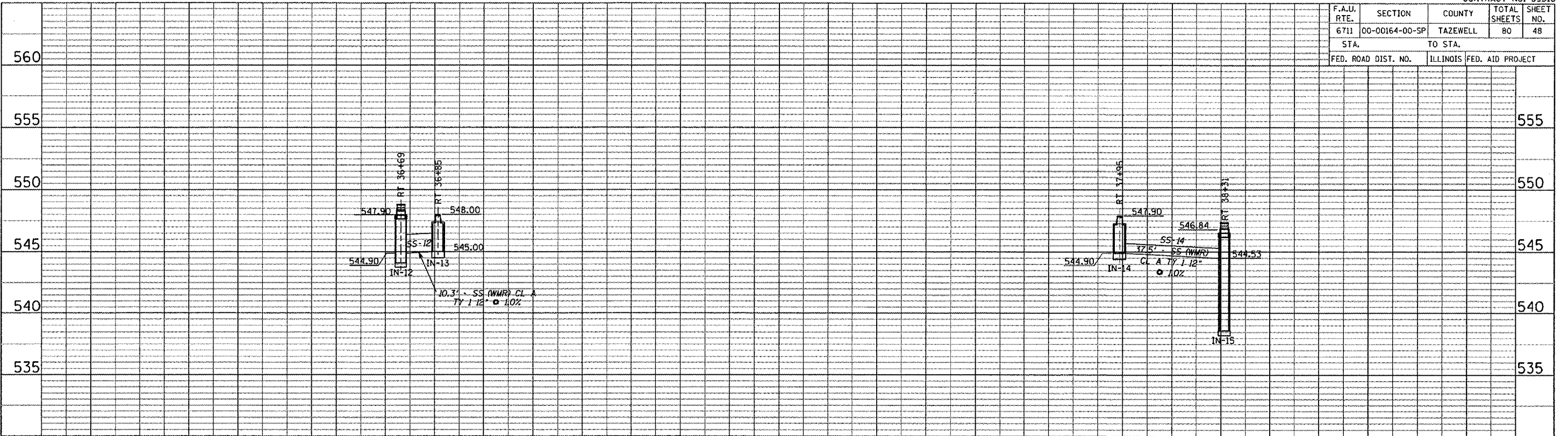
BILL OF MATERIALS		
ITEM	UNIT	QTY
RELOCATE EXISTING LIGHTING UNIT	EACH	3
CONDUIT IN TRENCH, 2" DIA. PVC	FOOT	939
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	939
ELECTRICAL CABLE IN CONDUIT, 600 V (XLP-TYPE USE) 1/C NO. 6	FOOT	1878
ELECTRIC CABLE IN CONDUIT, GROUND, NO. 6 1/C (GREEN)	FOOT	939



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	47
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

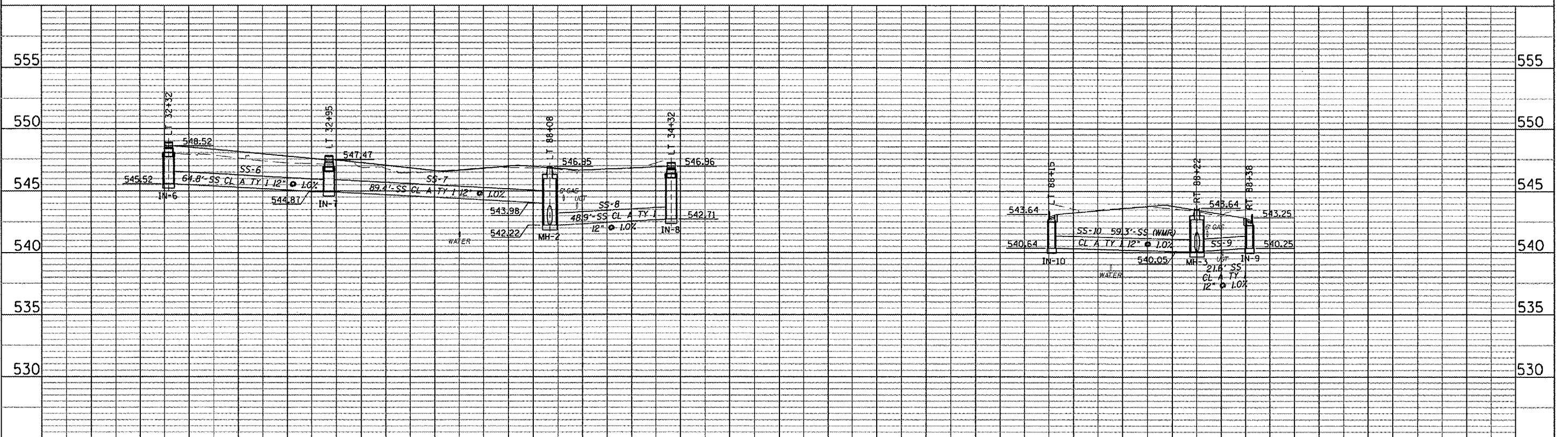


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	48
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



LATERAL SEWER - PARKWAY DRIVE STA 36+25 RT TO STA 36+85 RT

LATERAL SEWER - PARKWAY DRIVE STA 37+95 RT TO STA 38+31 RT

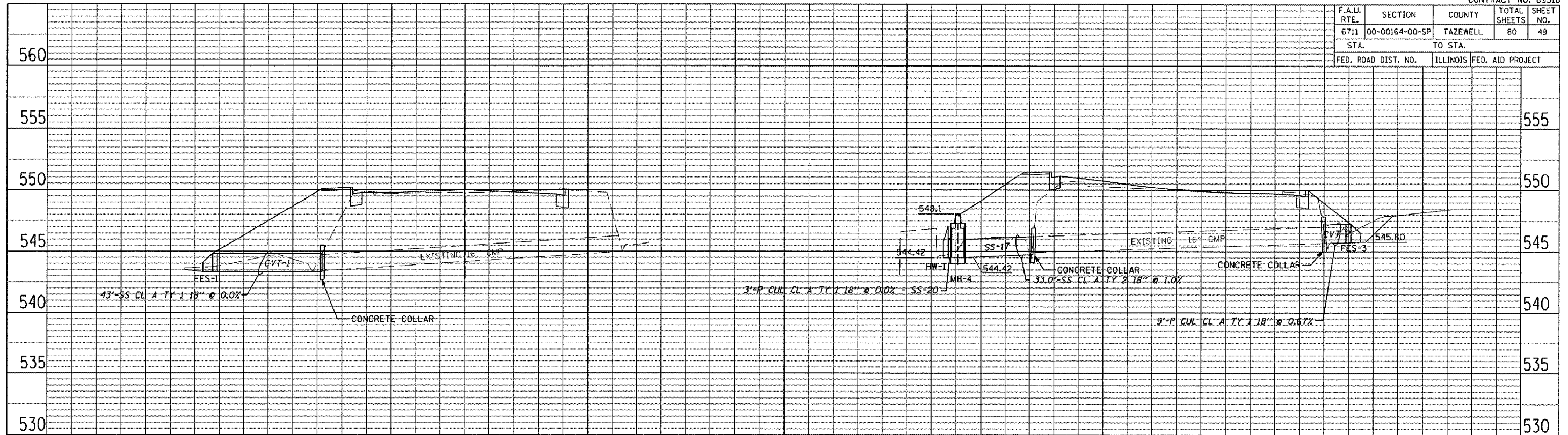


LATERAL SEWER - PARKWAY STA 32+55 LT TO STA 34+32 LT

LATERAL SEWER - BROADWAY STA 32+99 LT TO STA 34+36 LT

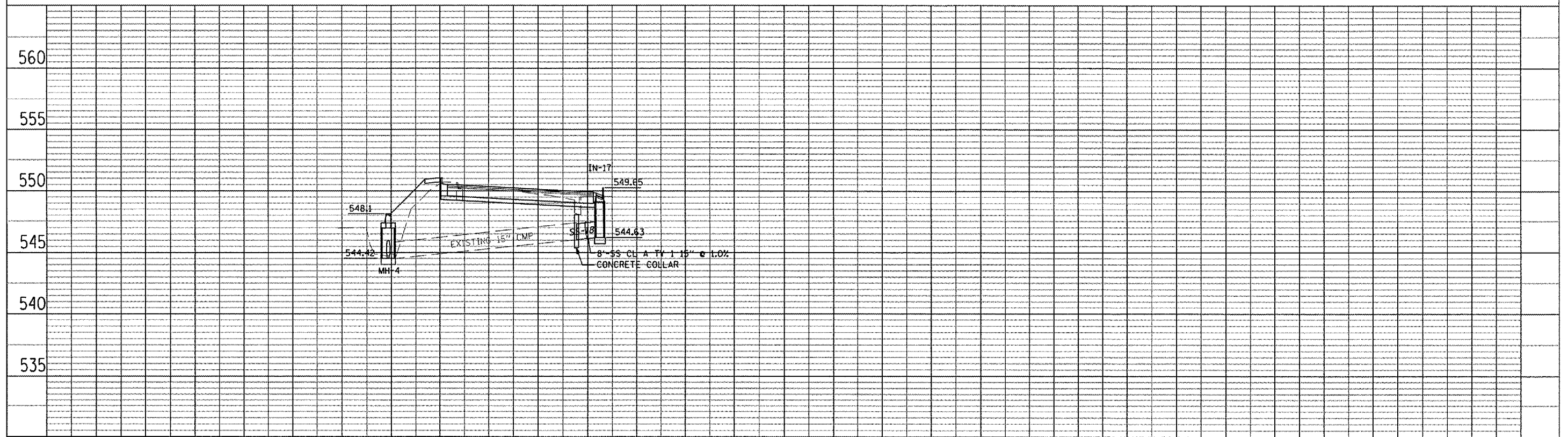


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	49
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



CULVERT PARKWAY STA 27+31

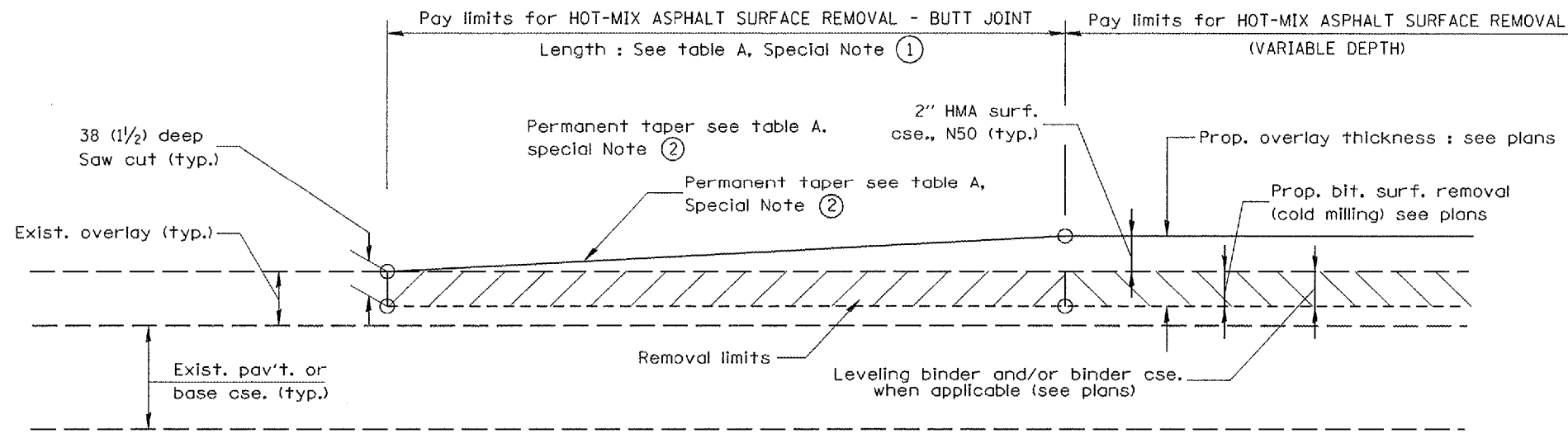
CULVERT PARKWAY STA 28+45



CULVERT PARKWAY STA 29+40



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	50
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



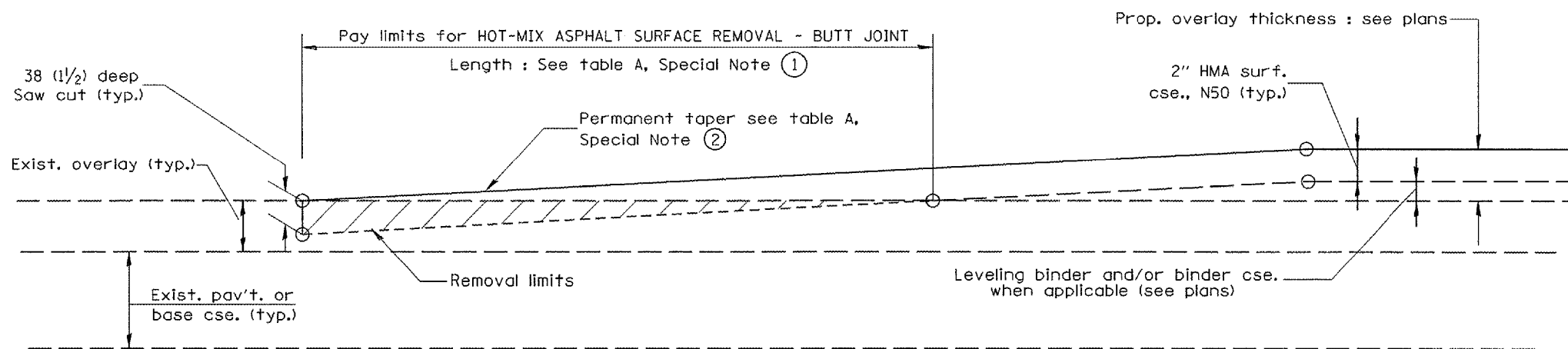
CASE 1 : WITH HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH)

TABLE A
(LENGTHS AND TAPER RATES)

SPECIAL NOTE NUMBER	ELEMENT	MAINLINE INTERSTATES & 4-LANE EXPRESSWAYS	ALL OTHERS
①	LENGTH OF BUTT JOINT	18.0 m(60')	9.0 m(30')
②	PERMANENT TAPER RATE	1:480	1:240
③	TEMPORARY RAMP TAPER RATE	1:80	1:40
④	TEMPORARY RAMP LENGTH	3.0 m(10')	1.5 m(5')

GENERAL NOTES

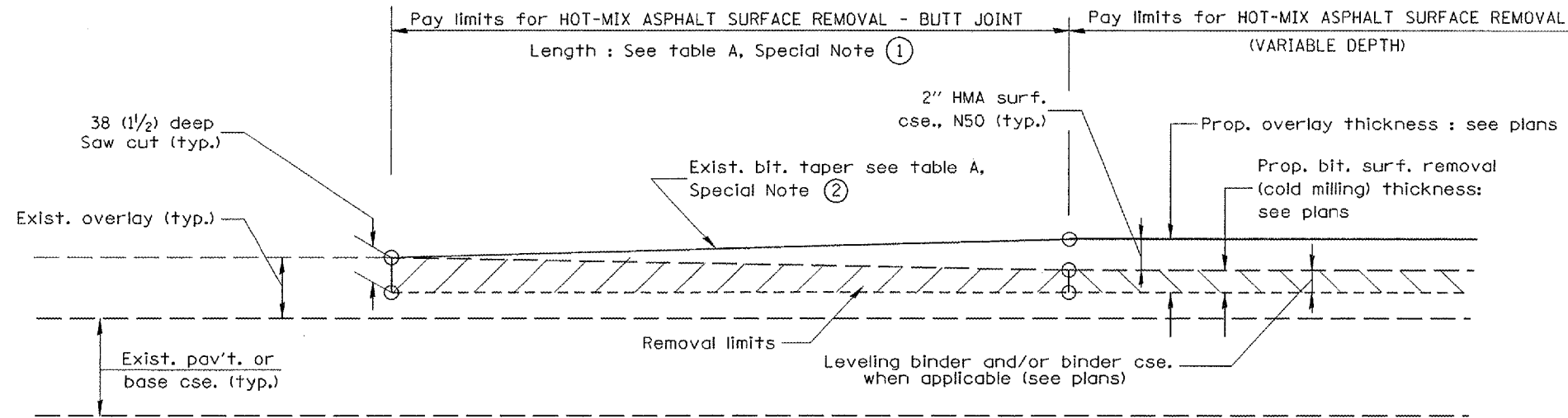
1. The work shall be done in accordance with Article 406.18 and the Special Provision for Butt Joints.
2. The pavement surface to be removed may be either bituminous or P.C. concrete. The work shall be performed in accordance with Article 440.03 and the Special Provisions for Butt Joints.
3. The saw cut joints shall be primed just prior to the placing of bituminous material. The work will be in accordance with the applicable portions of Article 406.06.



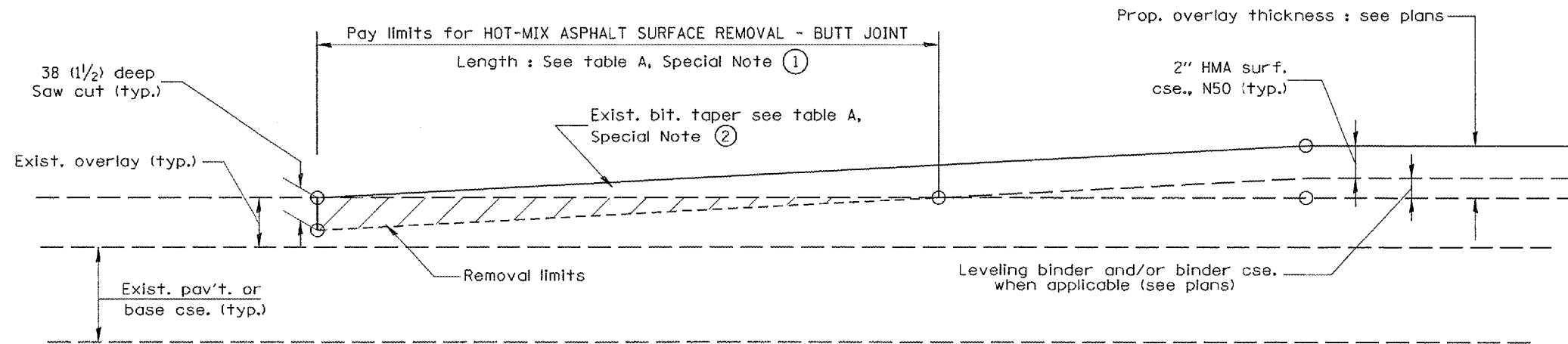
CASE 2 : NO HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH)



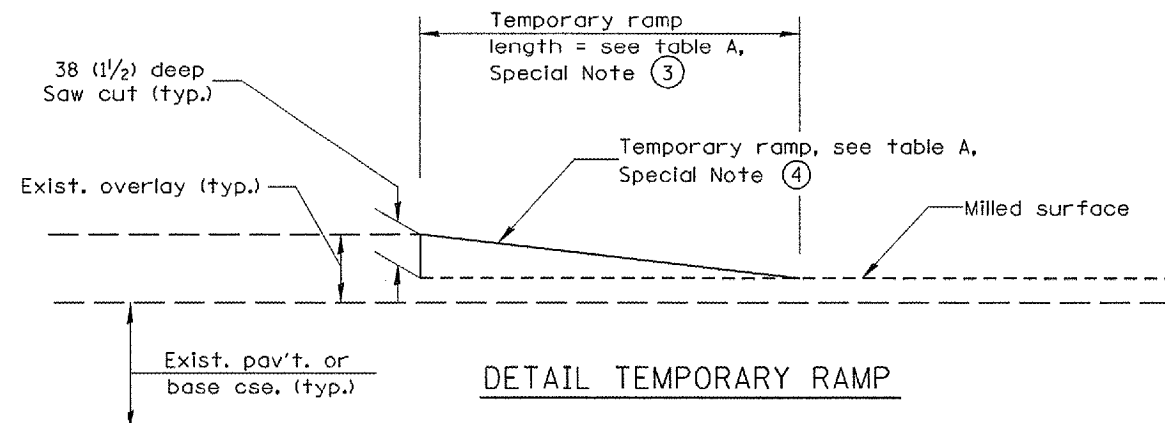
F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	51
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



**CASE 3 : WITH HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH)
TIE-IN TO EXISTING BITUMINOUS TAPER**



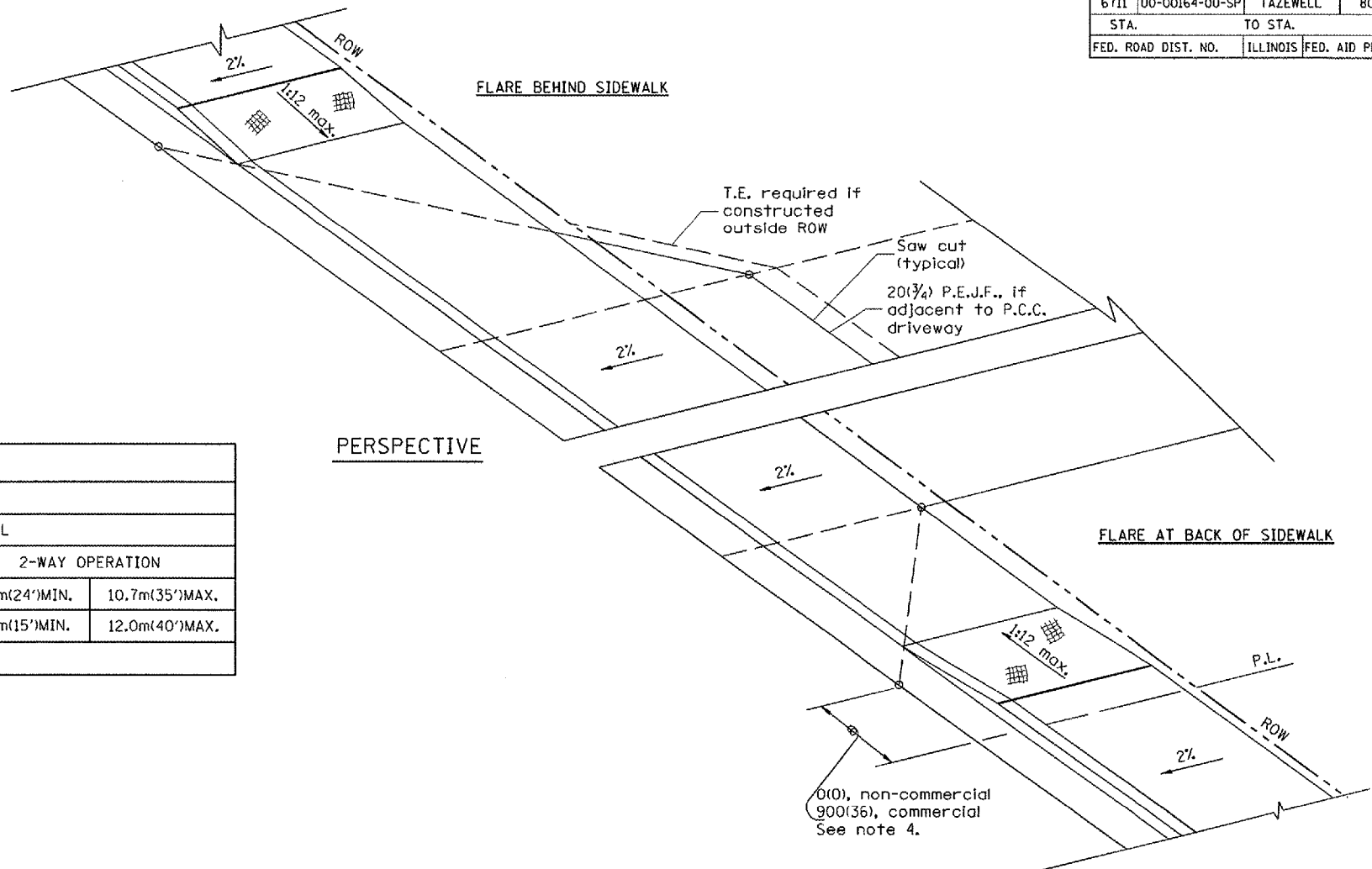
**CASE 4 : NO HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH)
TIE-IN TO EXISTING BITUMINOUS TAPER**



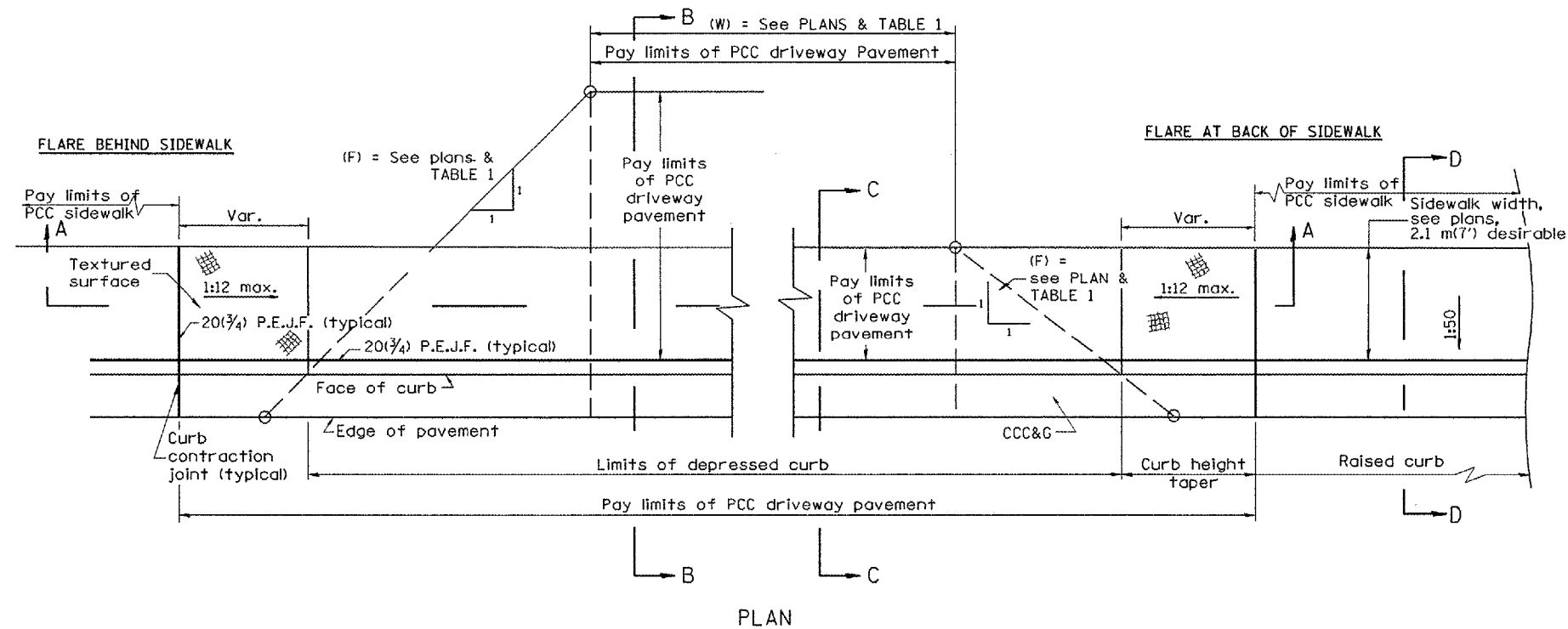
DETAIL TEMPORARY RAMP



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	52
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



ELEMENT	NON-COMMERCIAL		COMMERCIAL			
			1-WAY OPERATION		2-WAY OPERATION	
WIDTH (W)	3.6m(12')MIN.	7.2m(24')MAX.	4.3m(14')MIN.	7.2m(24')MAX.	7.2m(24')MIN.	10.7m(35')MAX.
RADIUS EQUIVALENT 1:1 FLARE (F)	1.5m(5')MIN.	7.6m(25')MAX.	4.6m(15')MIN.	12.0m(40')MAX.	4.6m(15')MIN.	12.0m(40')MAX.
MAX. GRADE (G)	8%		6%			



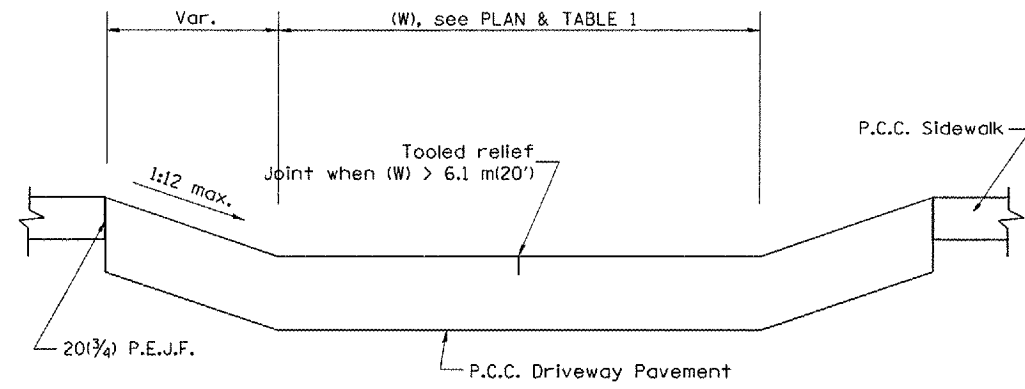
GENERAL NOTES

1. Refer to State Standard 424001 for texturing and other disabled accessibility design elements.
2. The sidewalk area located within the pay limits of P.C.C. Driveway Pavement will be of the same thickness and construction as the P.C.C. Driveway Pavement.
3. Combination Concrete Curb & Gutter shall be depressed in accordance with Standard 606001.
4. Exceptions to the radius flare/property line relationship are as shown in the plans for common entrances, with jointly executed access permits.

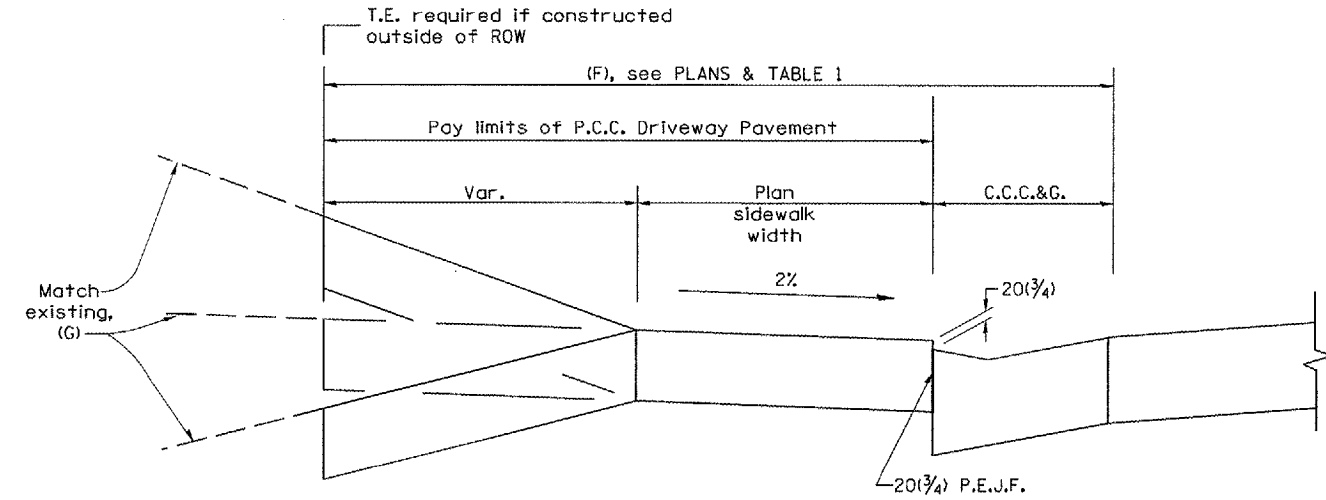
All dimensions are in millimeters (inches) unless otherwise noted.



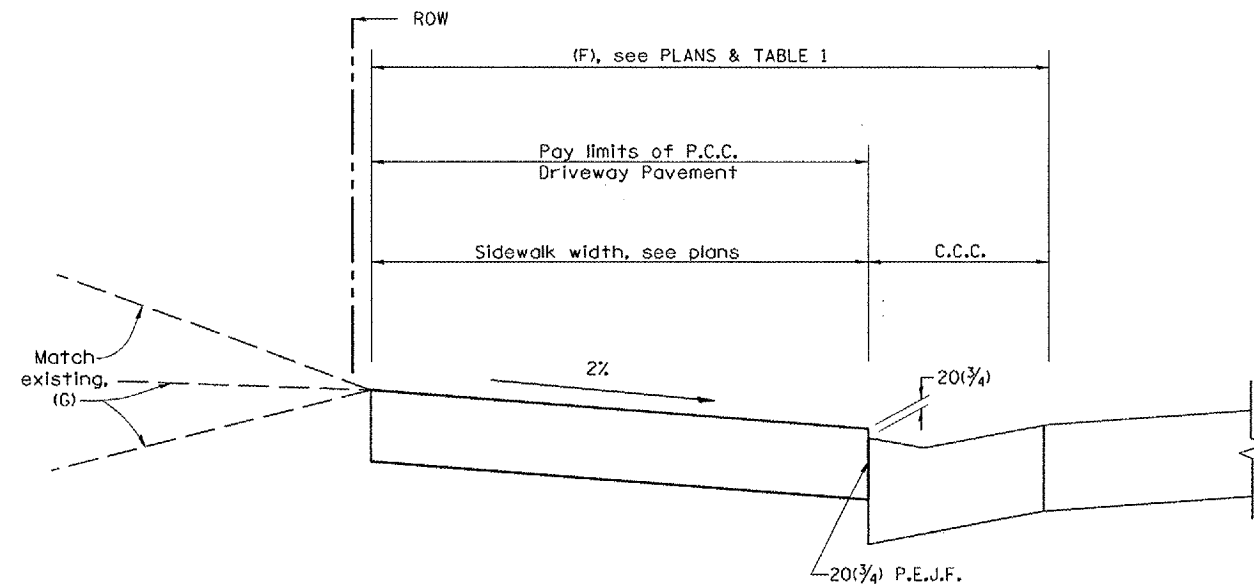
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	53
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



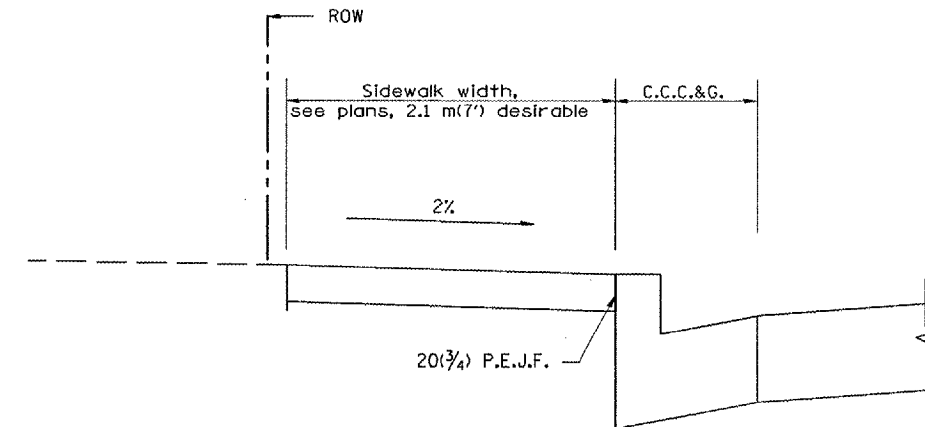
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	54
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

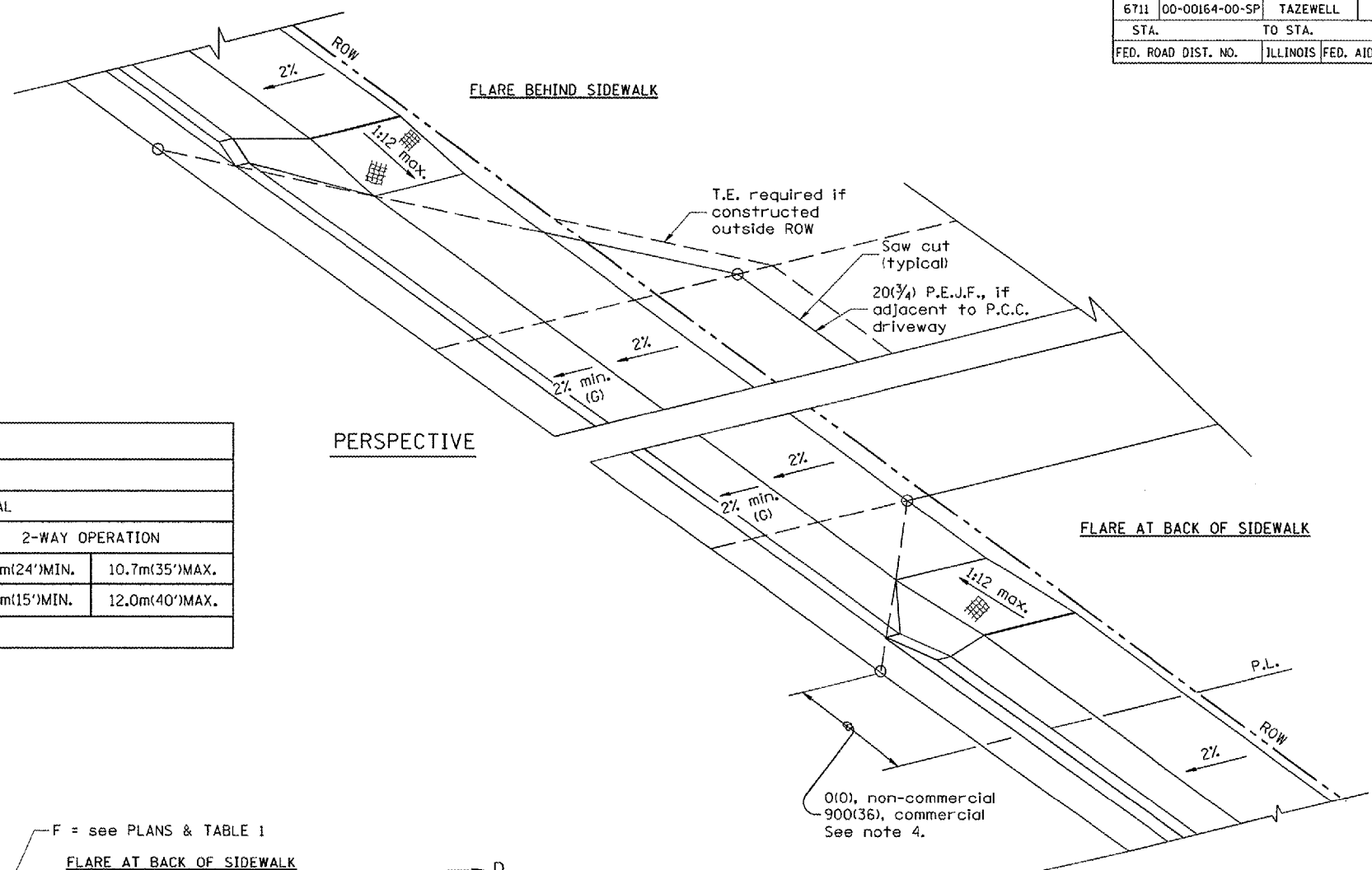
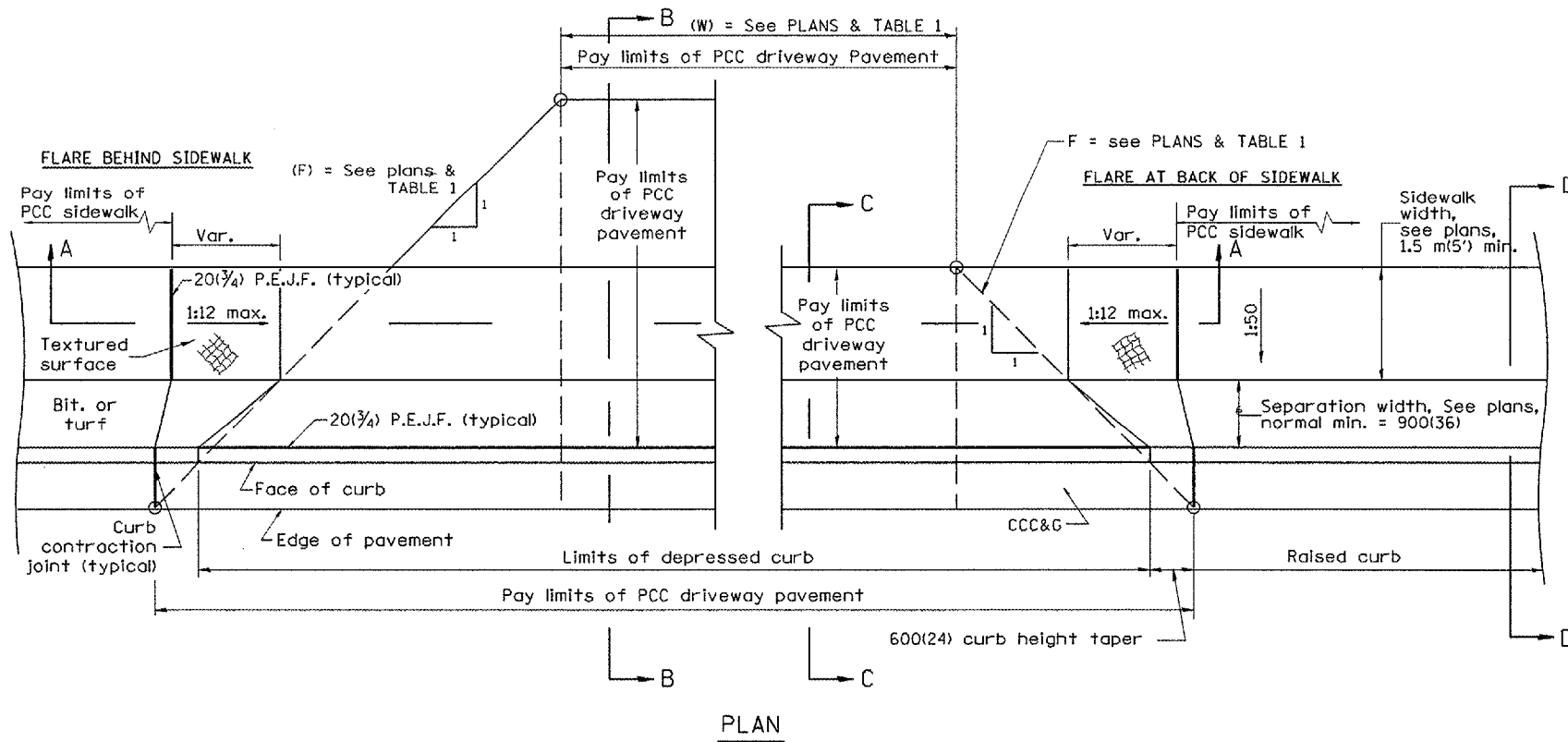


TABLE 1
URBAN ENTRANCE DESIGN CONTROLS

ELEMENT	NON-COMMERCIAL		COMMERCIAL			
			1-WAY OPERATION		2-WAY OPERATION	
WIDTH (W)	3.6m(12')MIN.	7.2m(24')MAX.	4.3m(14')MIN.	7.2m(24')MAX.	7.2m(24')MIN.	10.7m(35')MAX.
RADIUS EQUIVALENT 1:1 FLARE (F)	1.5m(5')MIN.	7.6m(25')MAX.	4.6m(15')MIN.	12.0m(40')MAX.	4.6m(15')MIN.	12.0m(40')MAX.
MAX. GRADE (G)	8%		6%			



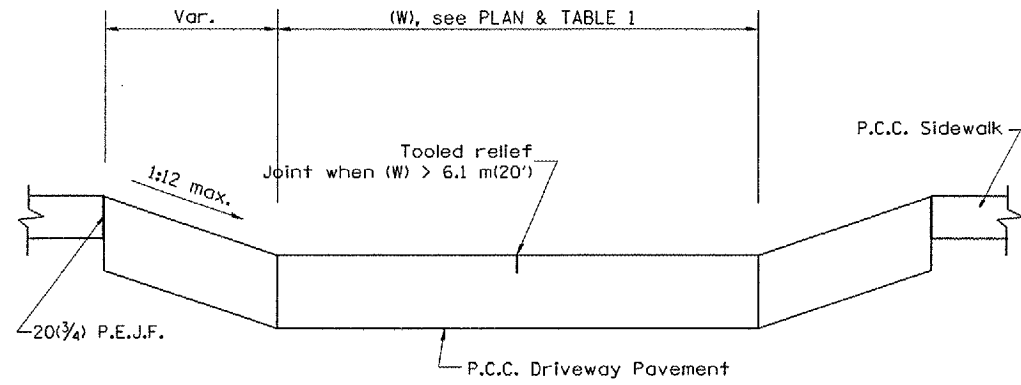
GENERAL NOTES

1. Refer to State Standard 424001 for texturing and other disabled accessibility design elements.
2. The sidewalk area located within the pay limits of P.C.C. Driveway Pavement will be of the same thickness and construction as the P.C.C. Driveway Pavement.
3. Combination Concrete Curb & Gutter shall be depressed in accordance with Standard 606001.
4. Exceptions to the radius flare/property line relationship are as shown in the plans for common entrances, with jointly executed access permits.

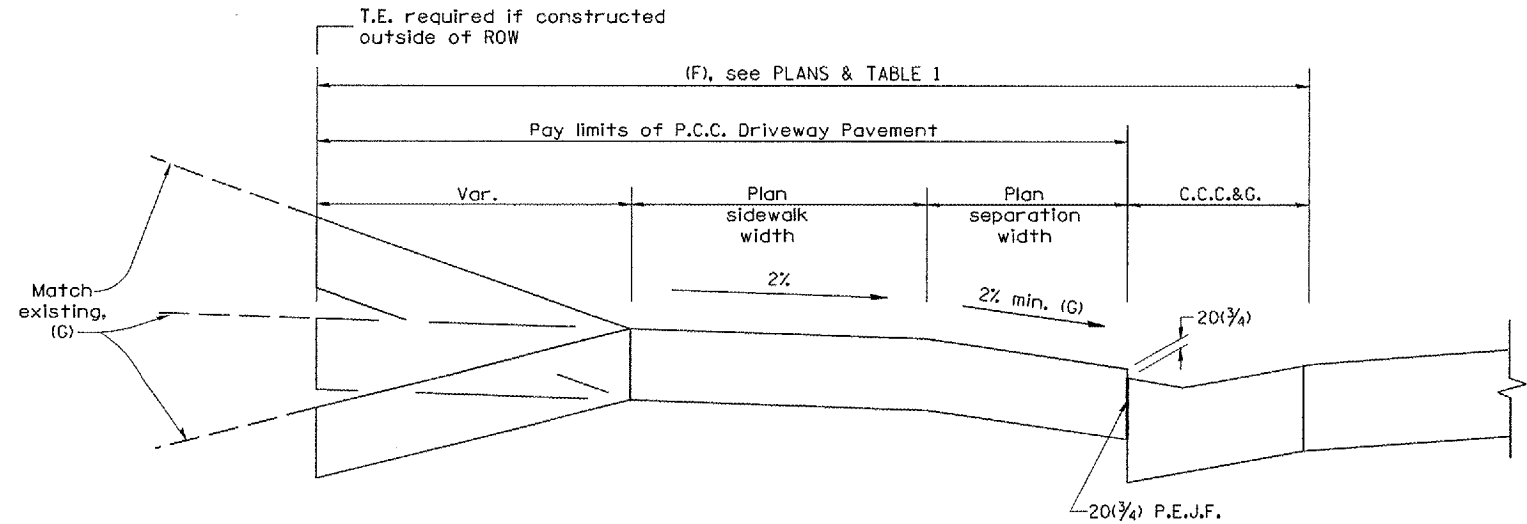
All dimensions are in millimeters (inches) unless otherwise noted.



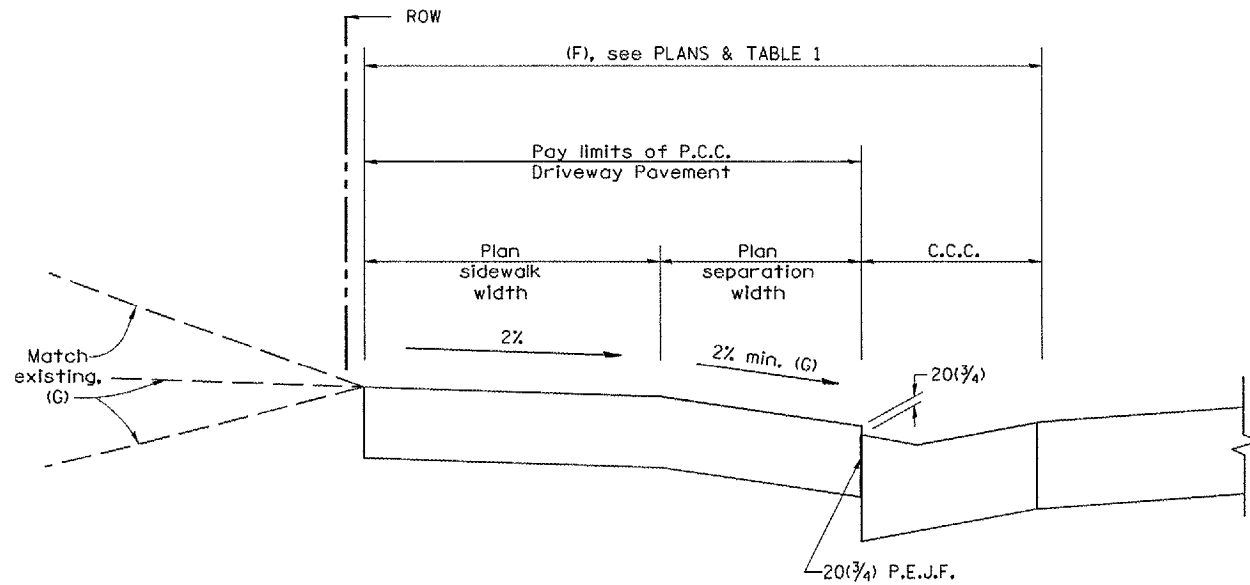
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	55
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



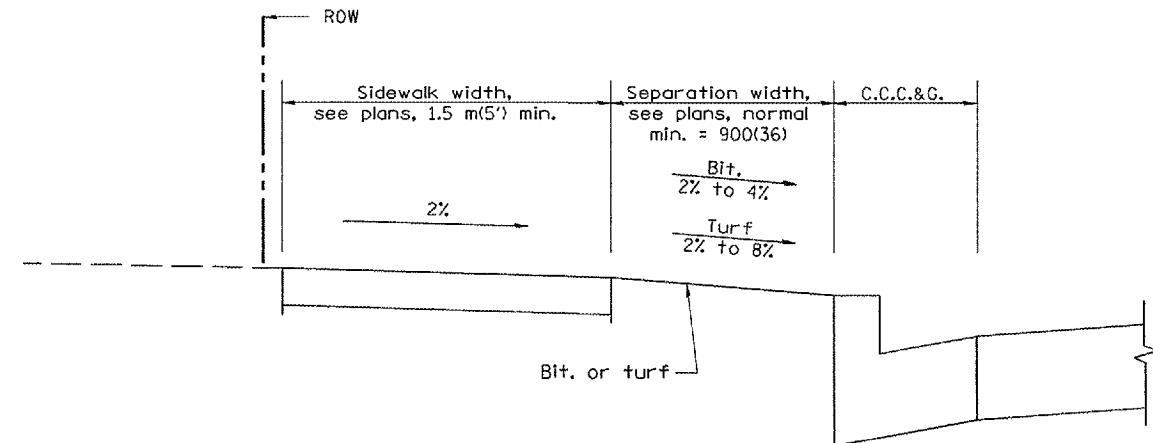
SECTION A-A



SECTION B-B



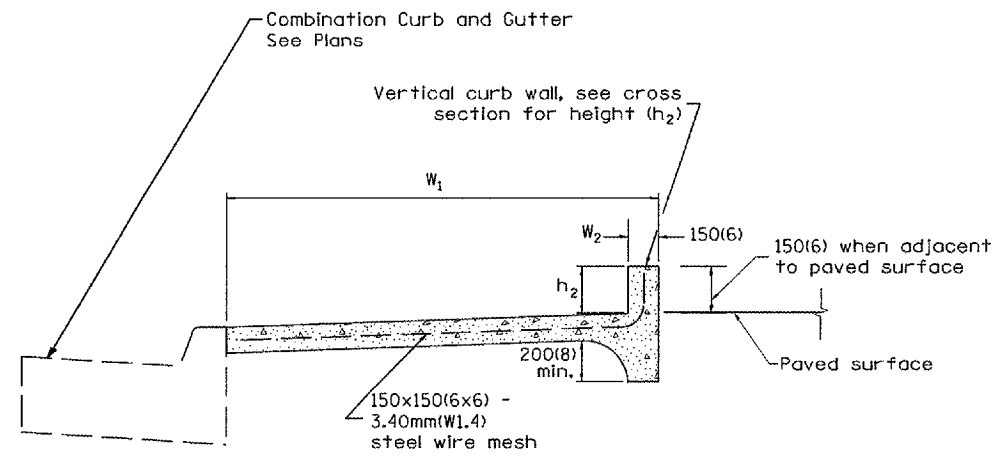
SECTION C-C



SECTION D-D

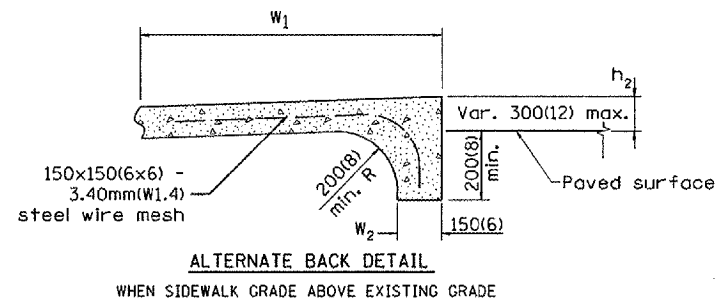
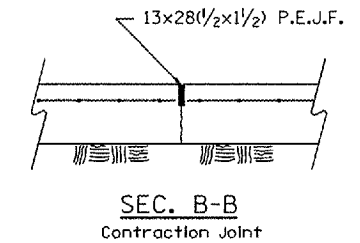
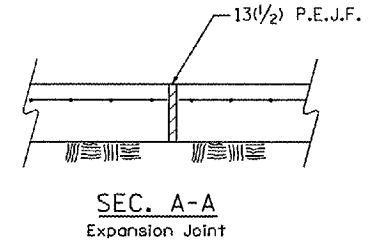
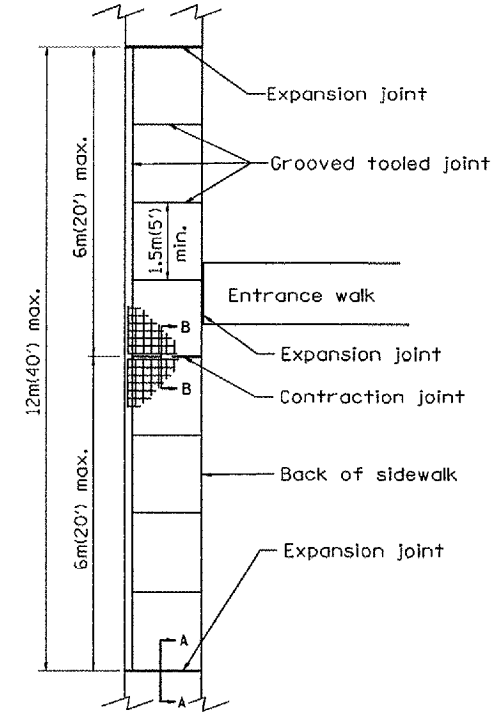
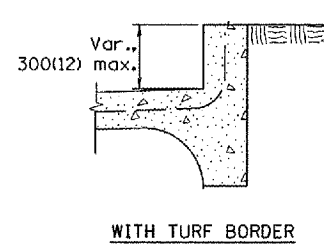


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	56
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



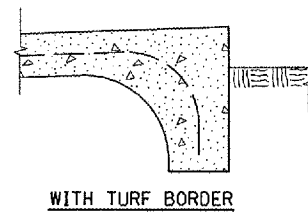
PORTLAND CEMENT CONCRETE SIDEWALK 4"
SPECIAL

Measurement formula: $(W_1 + W_2 + h_2) \times \text{length constructed} =$
Payment area in square meters(square feet)



ALTERNATE BACK DETAIL

WHEN SIDEWALK GRADE ABOVE EXISTING GRADE

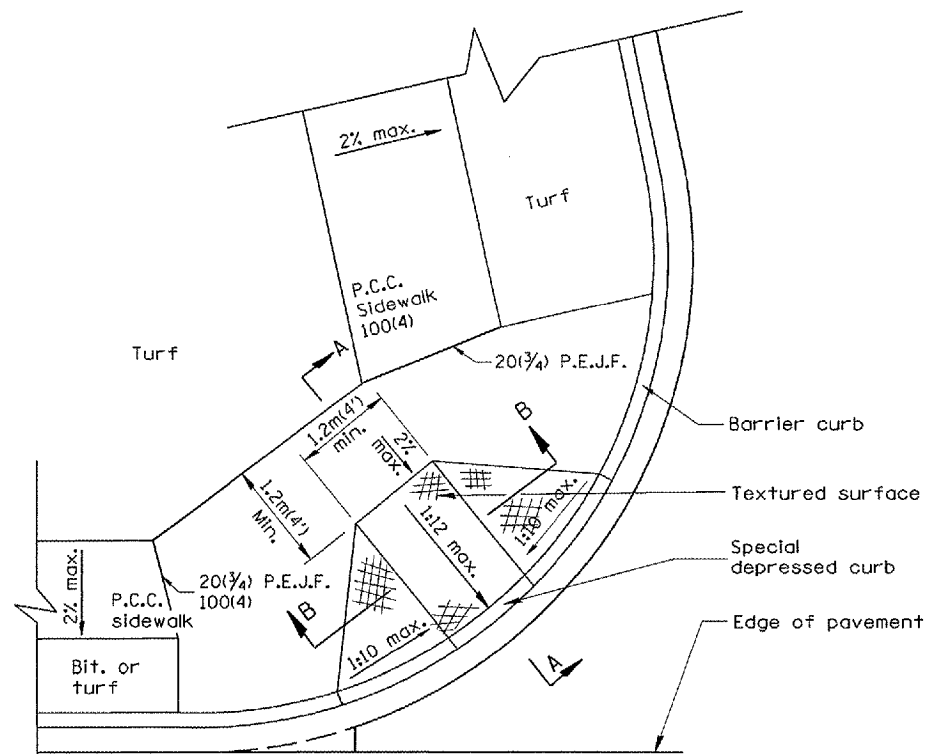


GENERAL NOTES:

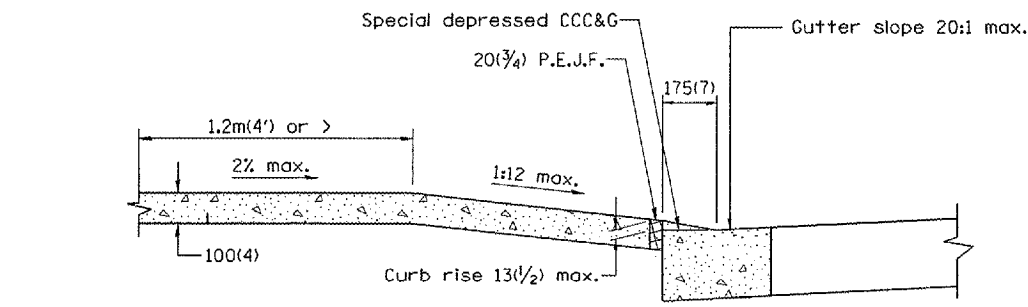
1. All provisions in Section 424 of the Standard Specifications Shall apply, unless otherwise shown.
2. All dimensions are in millimeters (inches) unless otherwise noted.



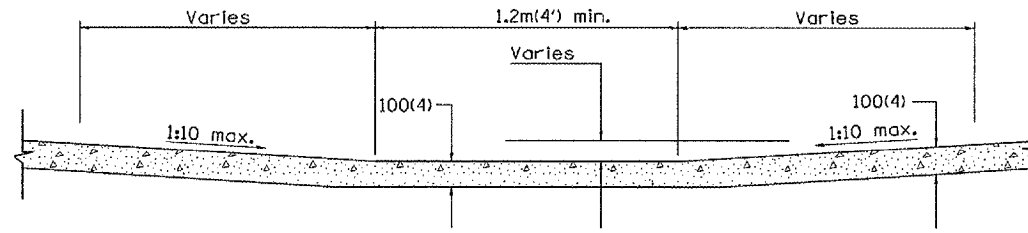
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	57
STA. _____ TO STA. _____		ILLINOIS FED. AID PROJECT		



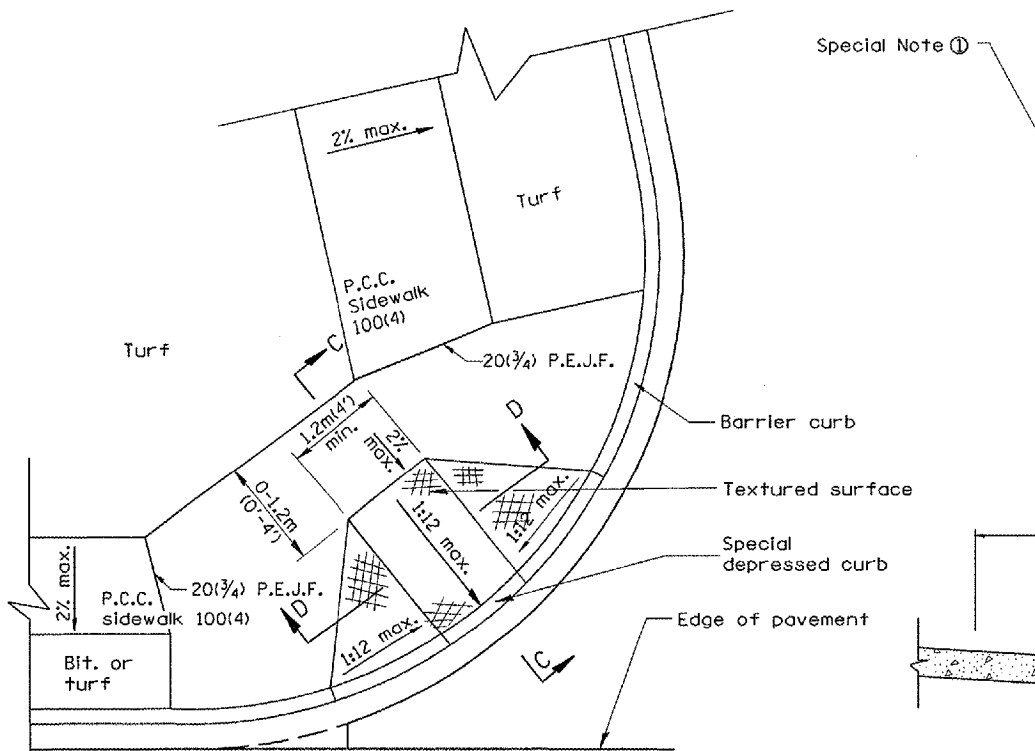
CASE 1
TYPE B RAMP WITH 1.2m(4') OR MORE AT BACK OF RAMP



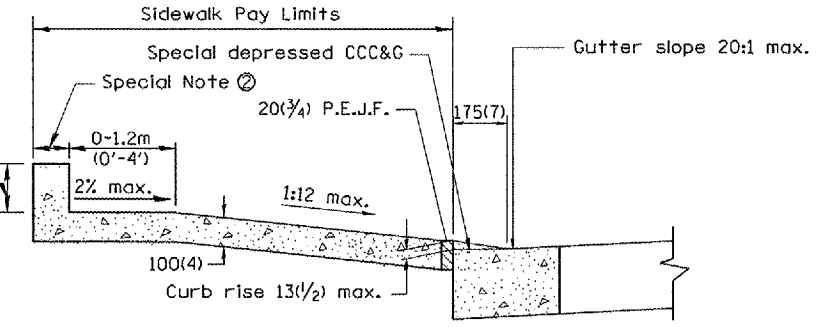
SEC. A-A



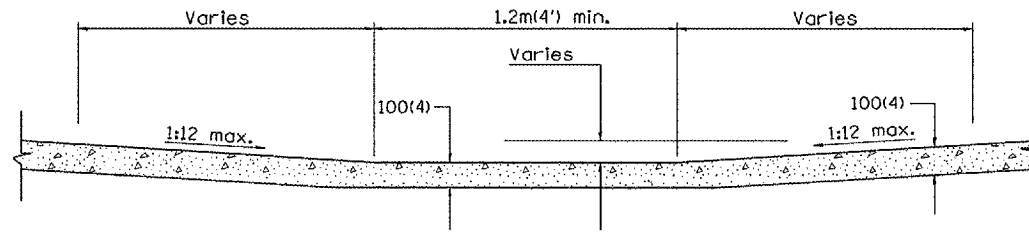
SEC. B-B



CASE 2
TYPE B RAMP WITH LESS THAN 1.2m(4') AT BACK OF RAMP



SEC. C-C



SEC. D-D

GENERAL NOTES

1. Refer to State Standard 424001 for texturing and other design elements.
2. The controls shown on this standard are applicable to Type B Curb and Combination Concrete Curb & Sidewalk construction.
3. The maximum length of texturing shall be 1.8m(6') unless otherwise shown.

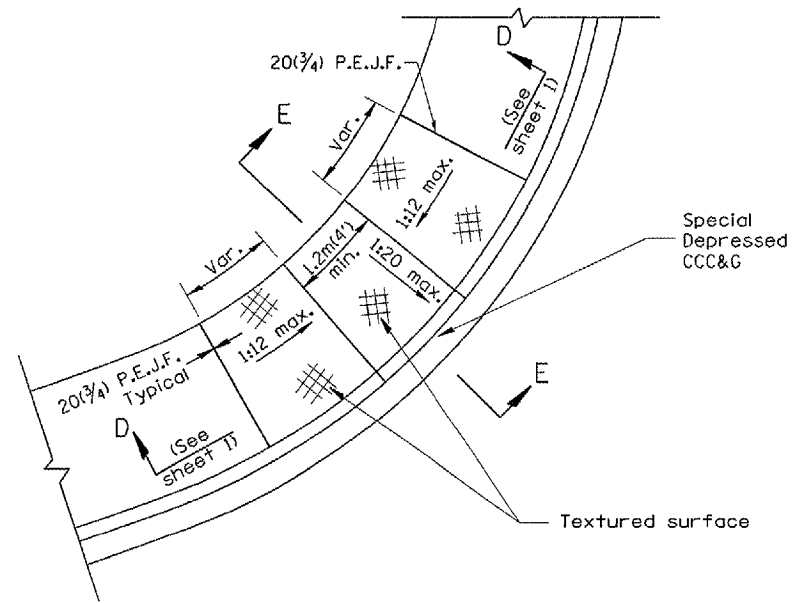
All dimensions are in millimeters (inches) unless otherwise noted.

SPECIAL NOTES

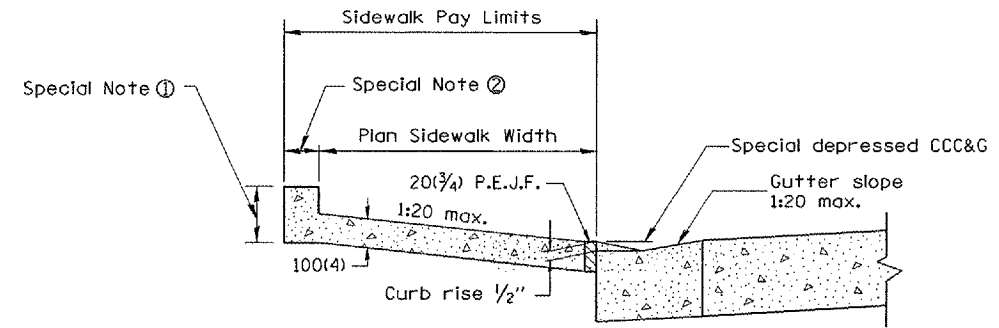
- 1 Variable height edge treatment as required to match existing conditions. Maximum height = 225(9)
- 2 100(4) wall to be built outside of plan sidewalk width, if ROW allows.



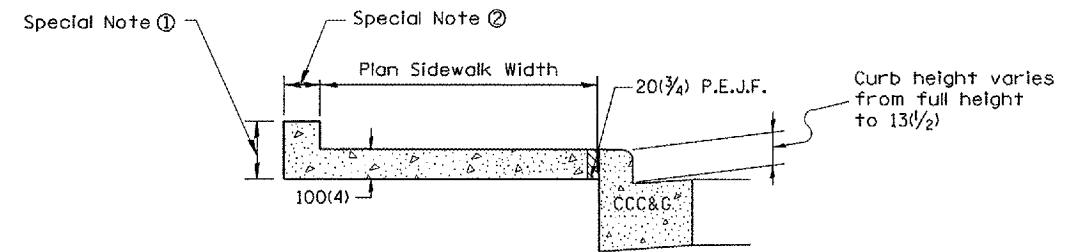
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	58
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



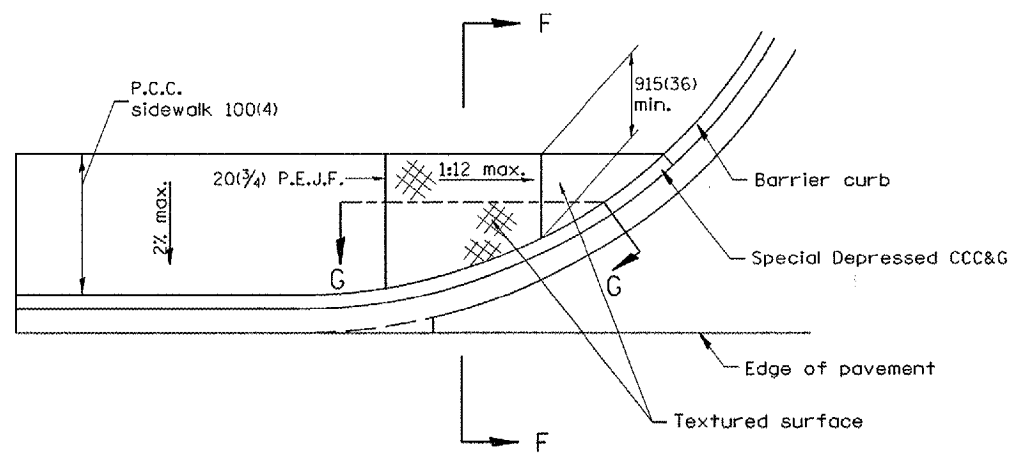
CASE 3
TYPE B DIAGONAL RAMP WITH CURBLINE SIDEWALK



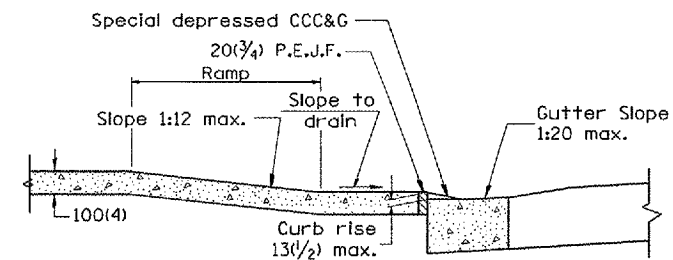
SEC. E-E



SEC. F-F



CASE 4
TYPE B RAMP WITH CURBLINE SIDEWALK

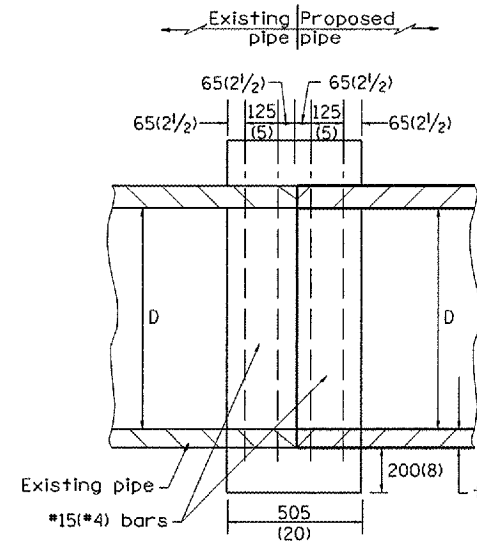


SEC. G-G

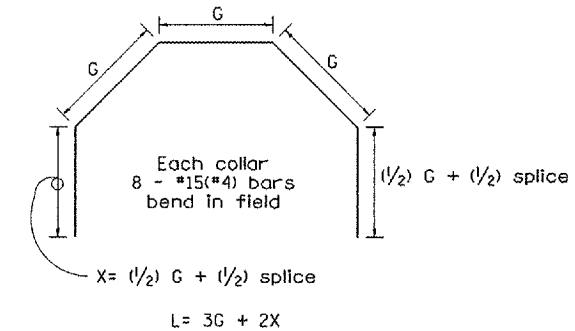
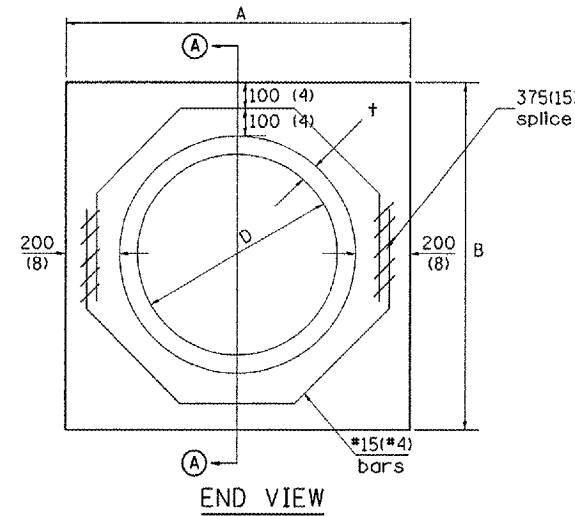
All dimensions are in millimeters (inches) unless otherwise noted.



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	59
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



SECTION A - A



Each Collar								
				Reinforcement Bars				
D	t	A	B	CL. SI CONC.	G	X	L	Weight
m (in)	m (in)	m (ft)	m (ft)	m ³ (cu. yd)	m (in)	m (in)	m (ft)	kg (lb)
300 (12)	51 (2.00)	0.814 (2.67)	0.814 (2.67)	0.270 (0.4)	253 (9 15/16)	317 (12 7/16)	1.393 (4.57)	11 (24)
375 (15)	57 (2.25)	0.902 (2.96)	0.902 (2.96)	0.315 (0.4)	290 (11 3/8)	335 (13 3/16)	1.541 (5.05)	12 (27)
450 (18)	64 (2.50)	0.991 (3.25)	0.991 (3.25)	0.362 (0.5)	327 (12 13/16)	354 (13 7/8)	1.689 (5.54)	14 (30)
525 (21)	70 (2.75)	1.079 (3.54)	1.079 (3.54)	0.411 (0.5)	364 (14 1/4)	372 (14 5/8)	1.836 (6.02)	15 (32)
600 (24)	76 (3.00)	1.167 (3.83)	1.167 (3.84)	0.460 (0.6)	401 (15 11/16)	391 (15 5/16)	1.984 (6.51)	16 (35)
675 (27)	83 (3.25)	1.259 (4.13)	1.259 (4.13)	0.516 (0.7)	438 (17 1/4)	409 (16 1/16)	2.131 (6.99)	17 (37)
750 (30)	89 (3.50)	1.347 (4.42)	1.347 (4.42)	0.570 (0.7)	475 (18 11/16)	428 (16 3/4)	2.279 (7.48)	18 (40)
825 (33)	95 (3.75)	1.436 (4.71)	1.436 (4.71)	0.624 (0.8)	512 (20 1/8)	446 (17 1/2)	2.426 (7.96)	19 (43)
900 (36)	102 (4.00)	1.524 (5.00)	1.524 (5.00)	0.682 (0.9)	549 (21 9/16)	465 (18 3/16)	2.574 (8.44)	20 (45)
1050 (42)	114 (4.50)	1.701 (5.58)	1.701 (5.58)	0.800 (1.0)	622 (24 7/16)	501 (19 3/4)	2.869 (9.41)	23 (50)
1200 (48)	127 (5.00)	1.881 (6.17)	1.881 (6.17)	0.930 (1.2)	696 (27 5/16)	538 (21 3/16)	3.164 (10.38)	25 (55)

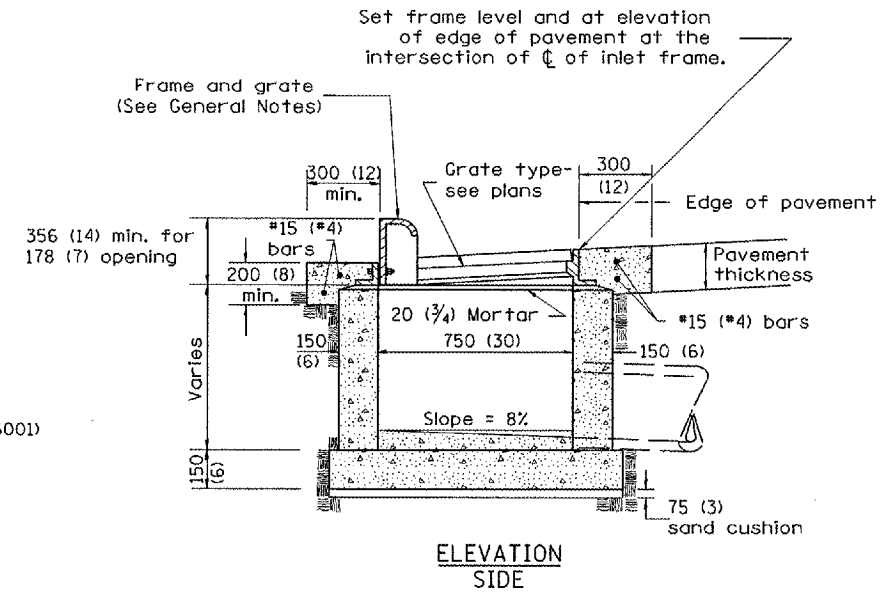
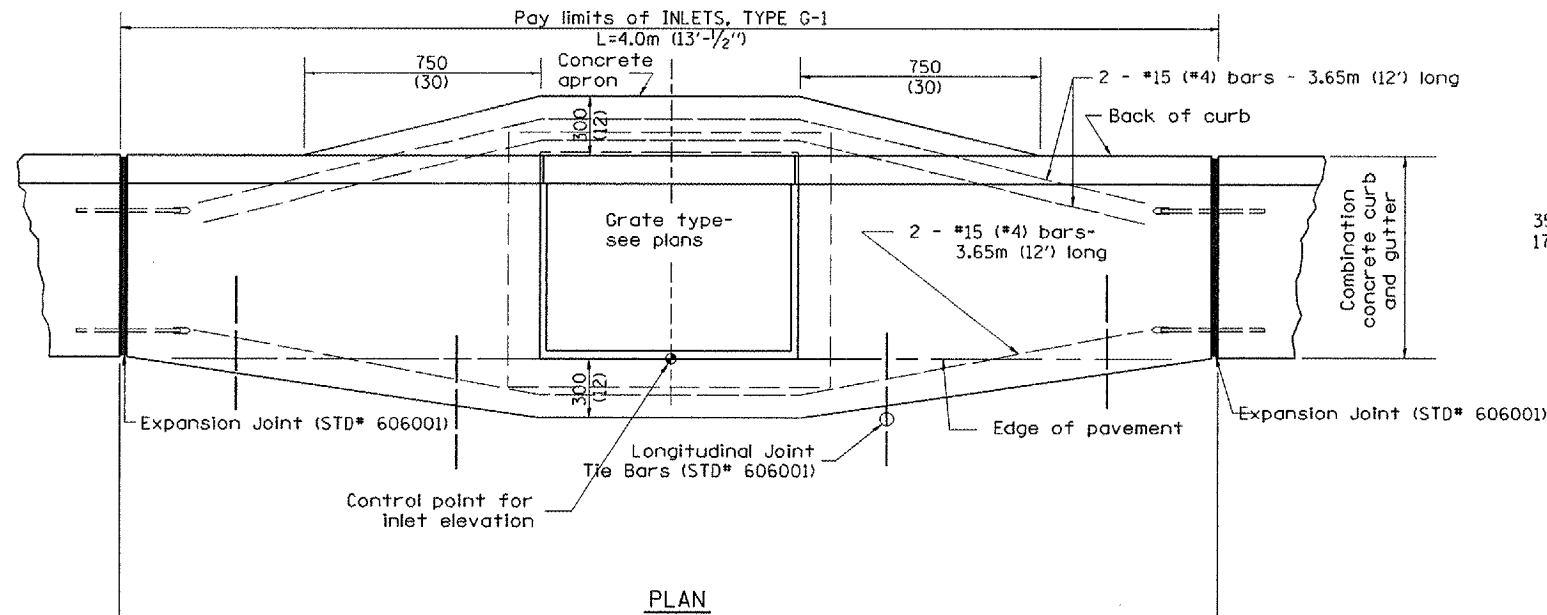
GENERAL NOTES

1. THE COLLAR SHALL BE CONSTRUCTED ENTIRELY OF CLASS SI CONCRETE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 503 OF THE STANDARD SPECIFICATIONS. REINFORCEMENT BARS SHALL CONFORM TO SECTION 508.

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

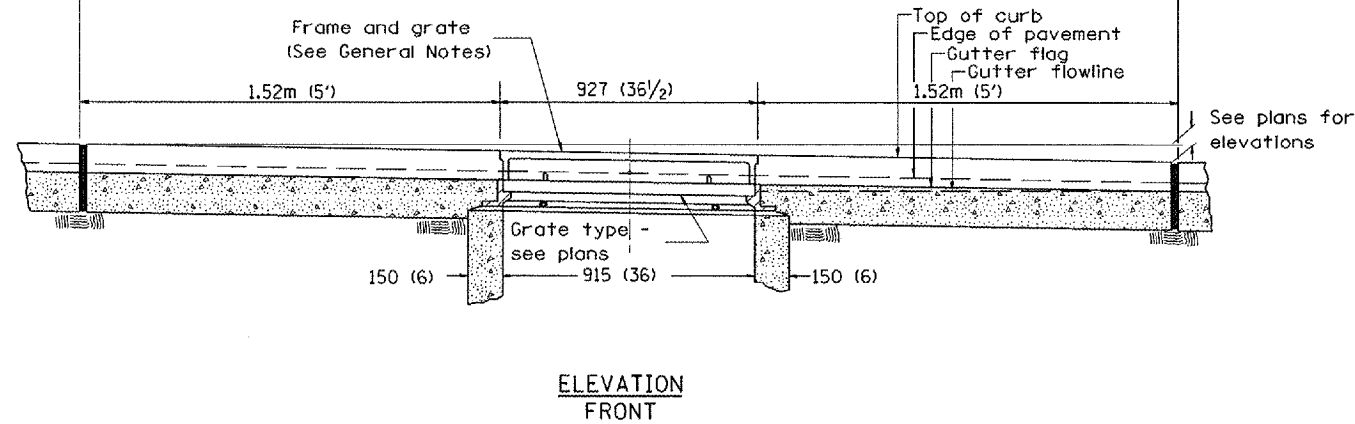


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	60
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



GENERAL NOTES

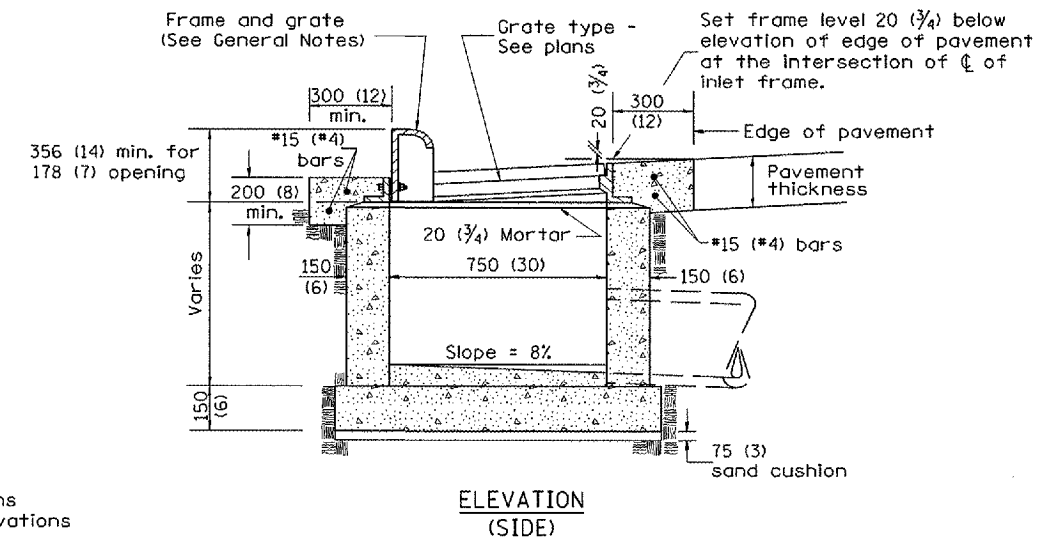
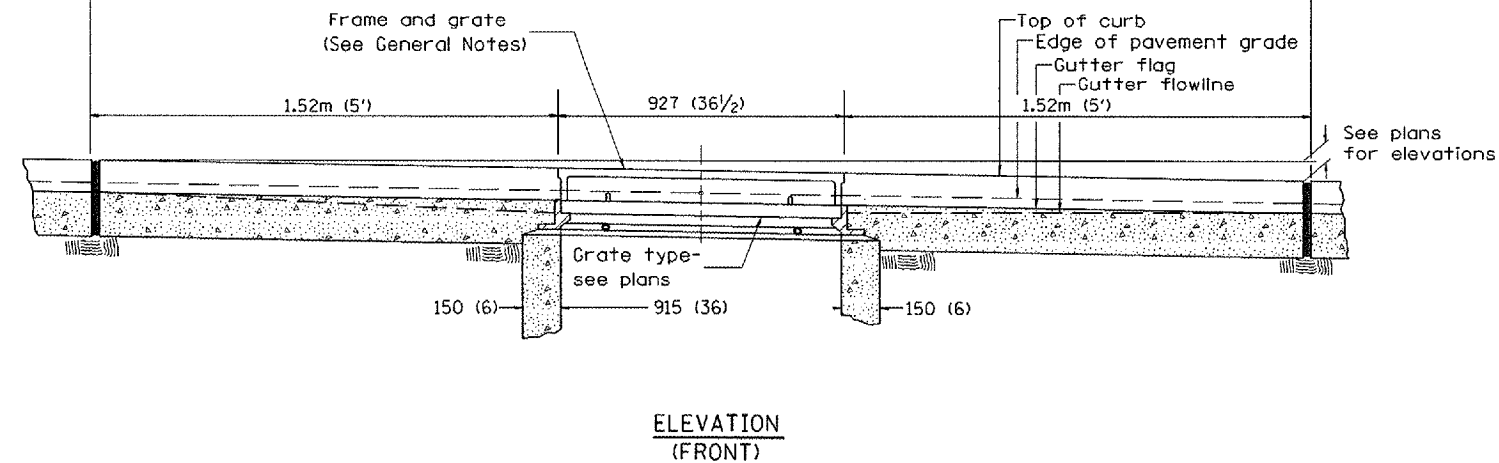
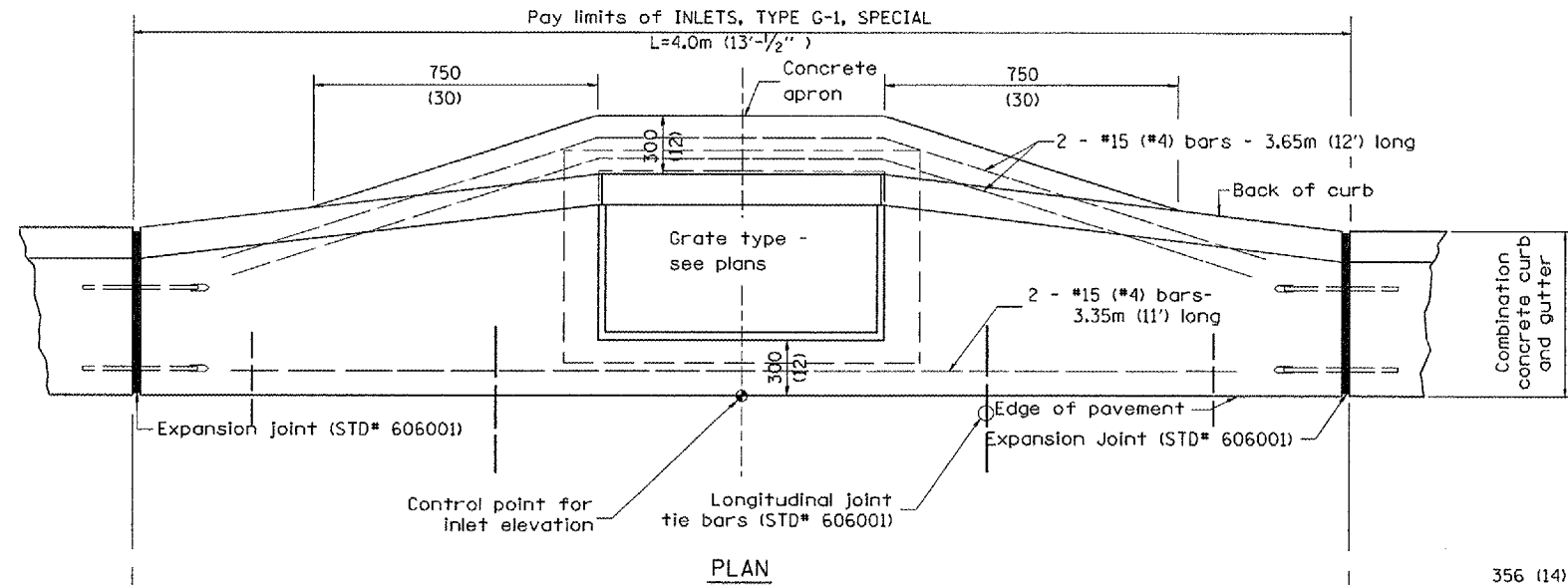
1. Inlet construction shall be in accordance with Section 602 of the Standard Specifications.
2. Combination Concrete Curb & Gutter shall be constructed in accordance with Section 606 of the Standard Specifications.
3. See District CADD Standard 604001-D4 for frame and grates.



All dimensions are in millimeters (inches) unless otherwise noted.
CADD STD NO. 602001-D4



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	61
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



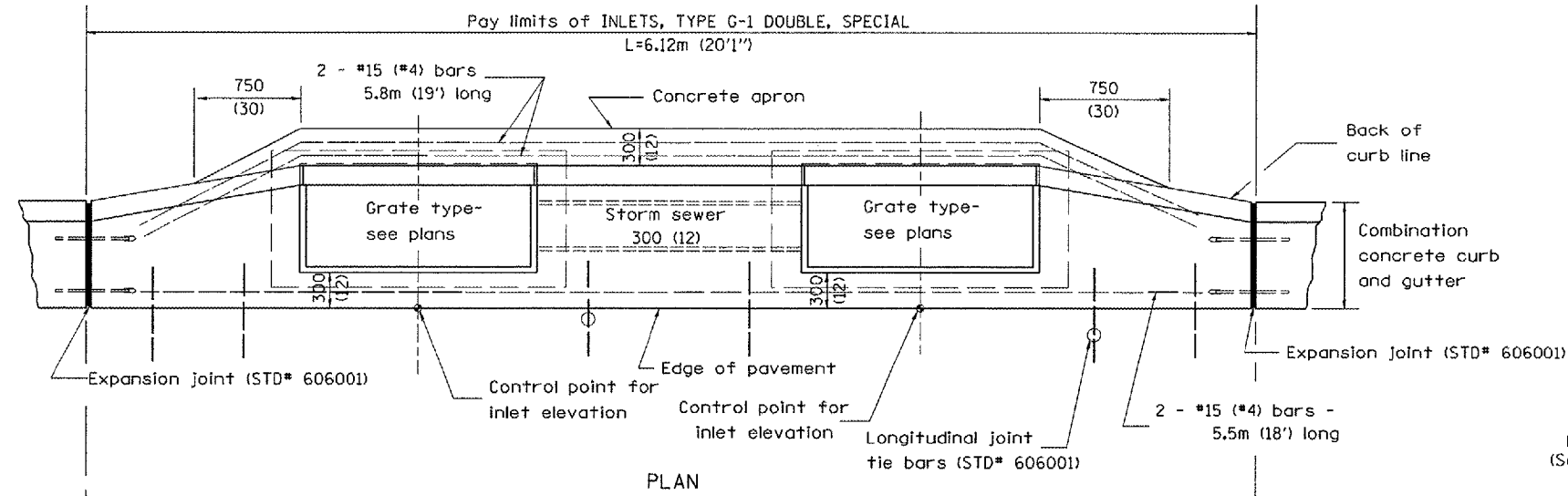
GENERAL NOTES

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

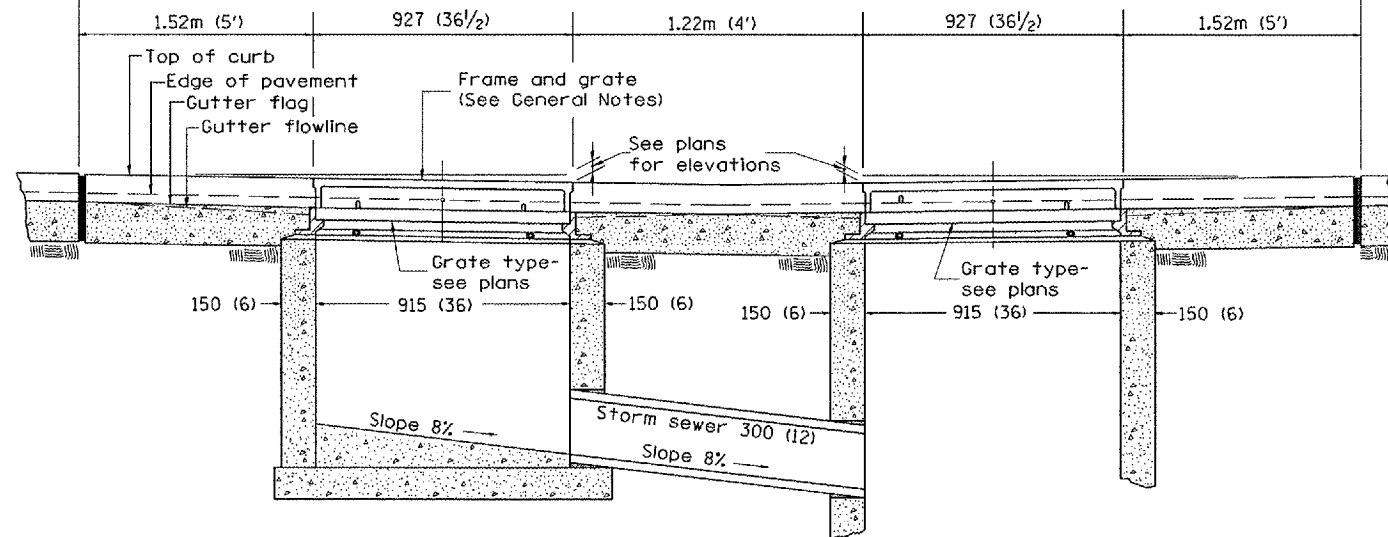
All dimensions are in millimeters (inches) unless otherwise noted.
CADD STD NO. 602006-D4



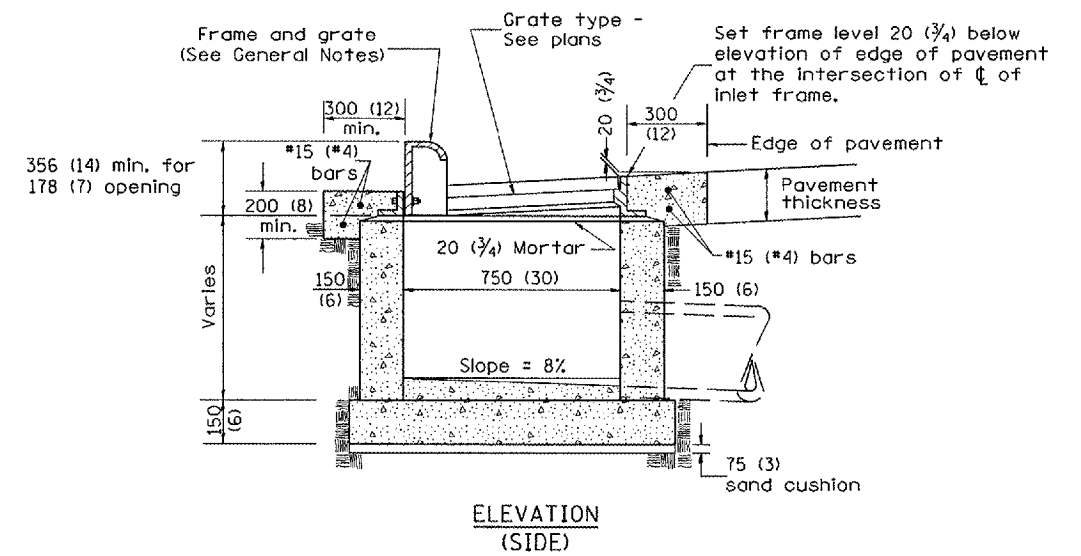
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	62
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



PLAN



FRONT ELEVATION



ELEVATION (SIDE)

GENERAL NOTES

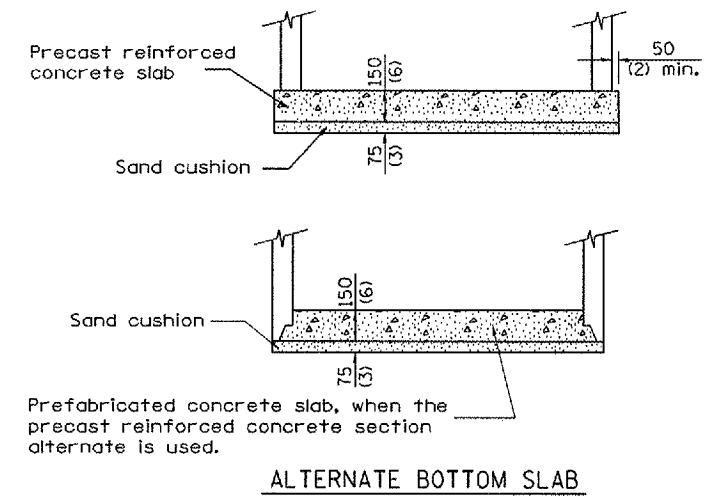
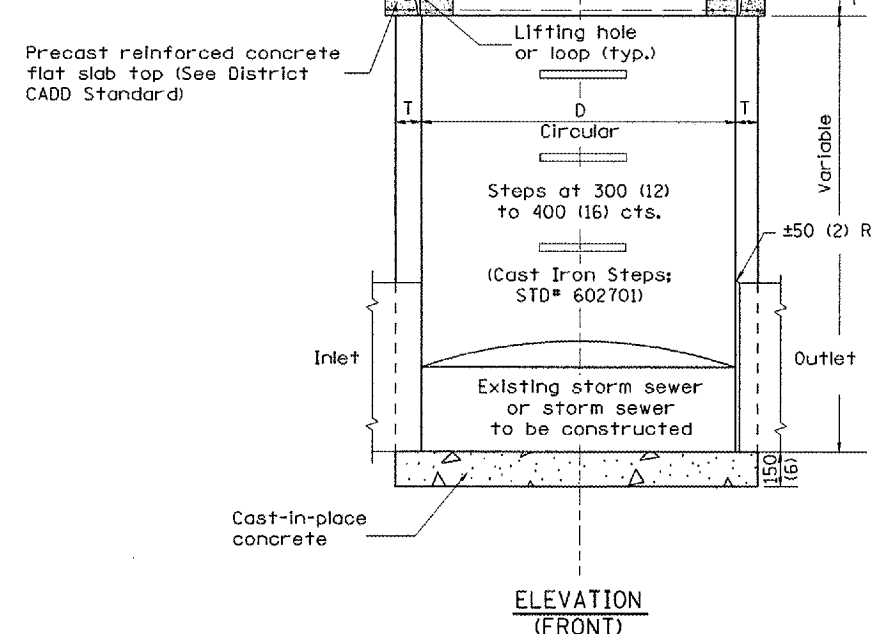
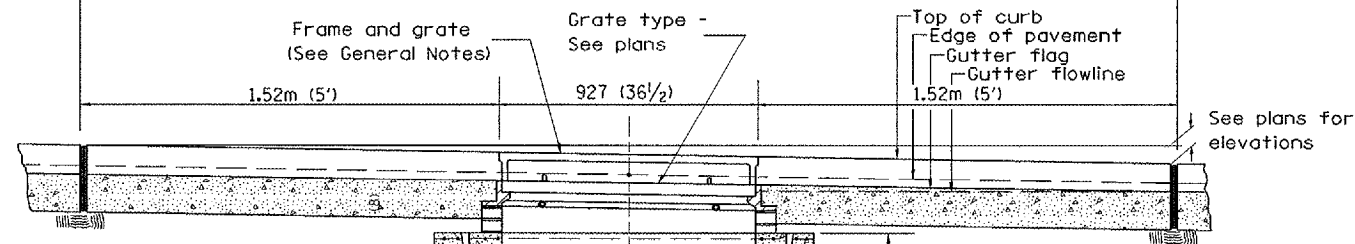
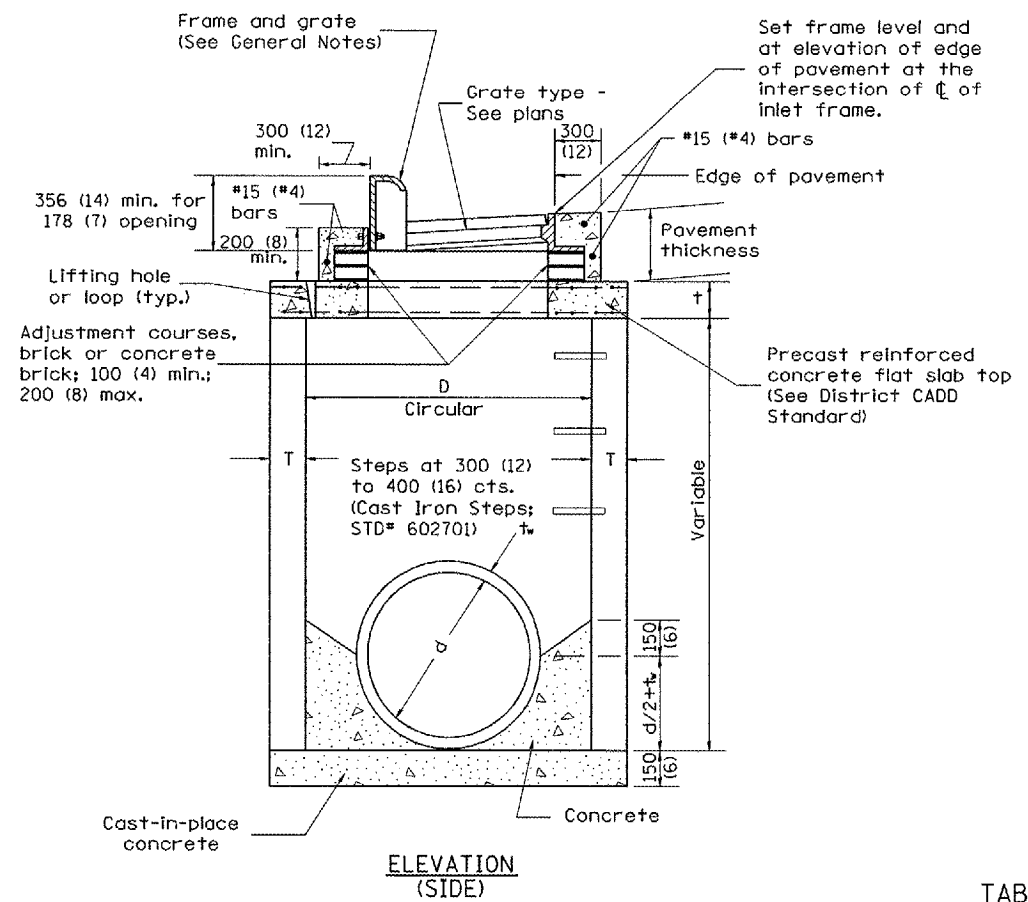
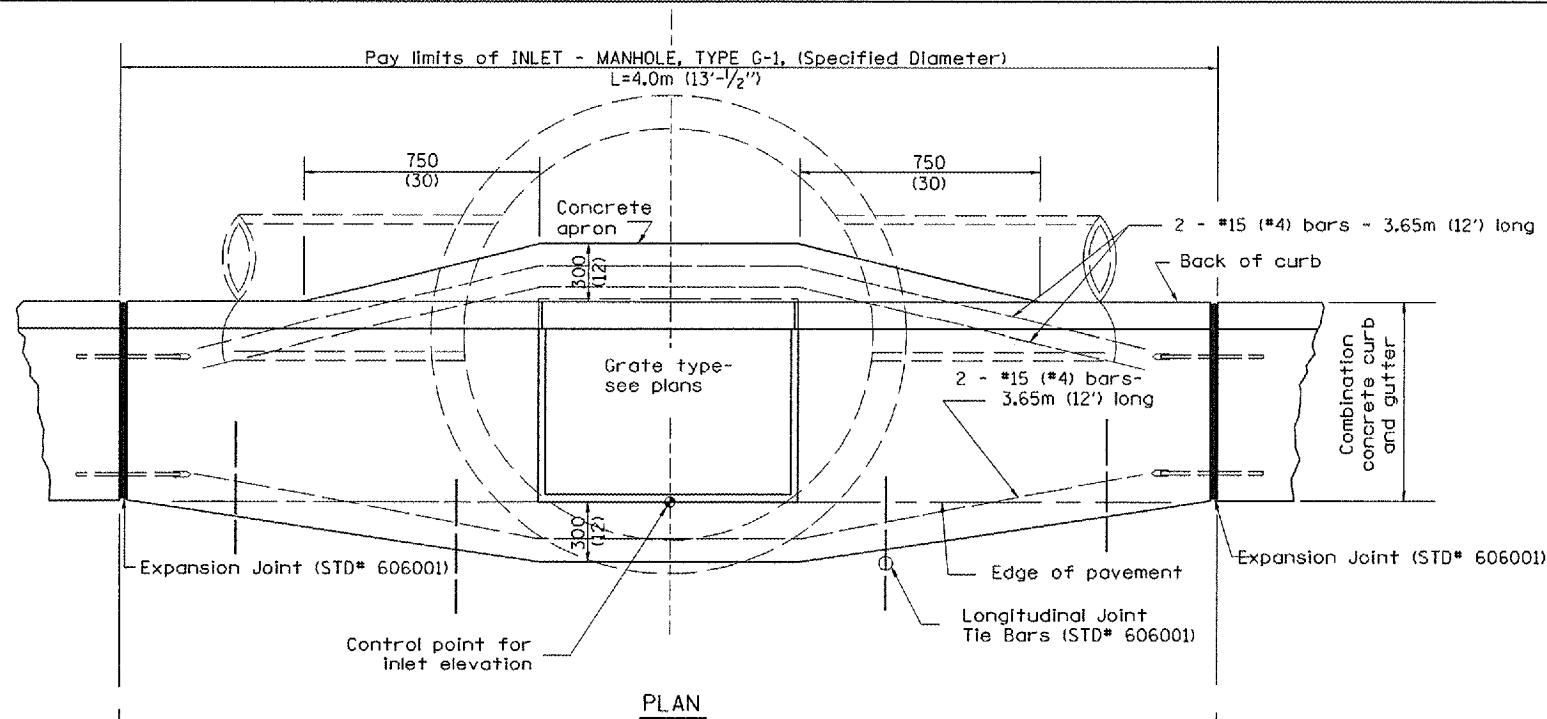
1. Inlet construction shall be in accordance with Section 602 of the Standard Specifications.
2. Combination Concrete Curb & Gutter shall be constructed in accordance with Section 606 of the Standard Specifications.
3. See District CADD Standard 604001-D4 for frame and grates.

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

CADD STD NO. 602016-D4



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	63
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



GENERAL NOTES

1. Inlet-manhole construction shall be in accordance with Section 602 of the Standard Specifications.
2. Combination concrete curb and gutter shall be constructed in accordance with Section 606 of the Standard Specifications.
3. See District CADD Standard 604001-D4 for frame and grates.
4. See District CADD Standard for precast reinforced concrete flat slab top.

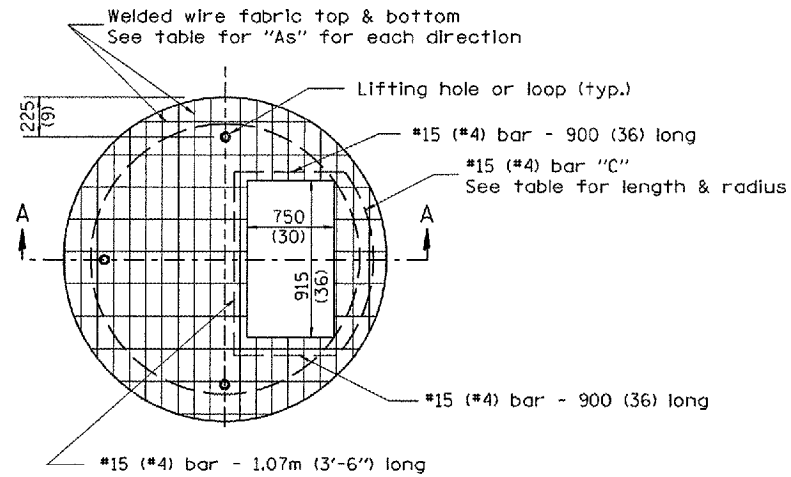
TABLE

D	T	t
1.2m (4')	125 (5)	150 (6)
1.5m (5')	150 (6)	200 (8)
1.8m (6')	195 (7 3/4)	200 (8)
2.4m (8')	225 (9)	250 (10)

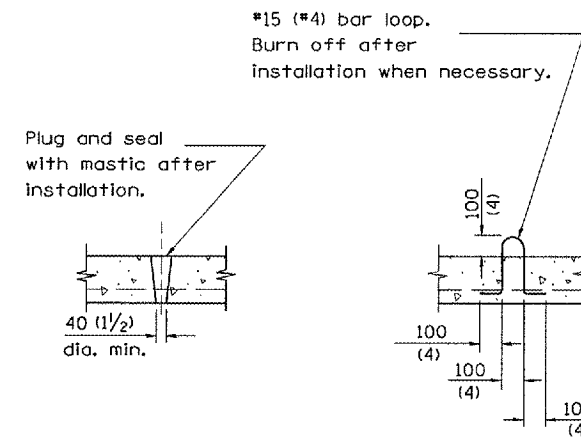
All dimensions are in millimeters (inches) unless otherwise noted.
CADD STD NO. 602021-D4



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	64
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



PLAN

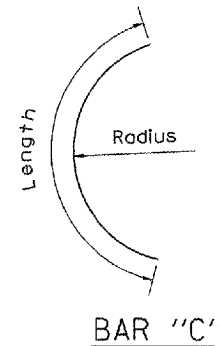


LIFTING HOLE OR LIFTING LOOP
TYPICAL

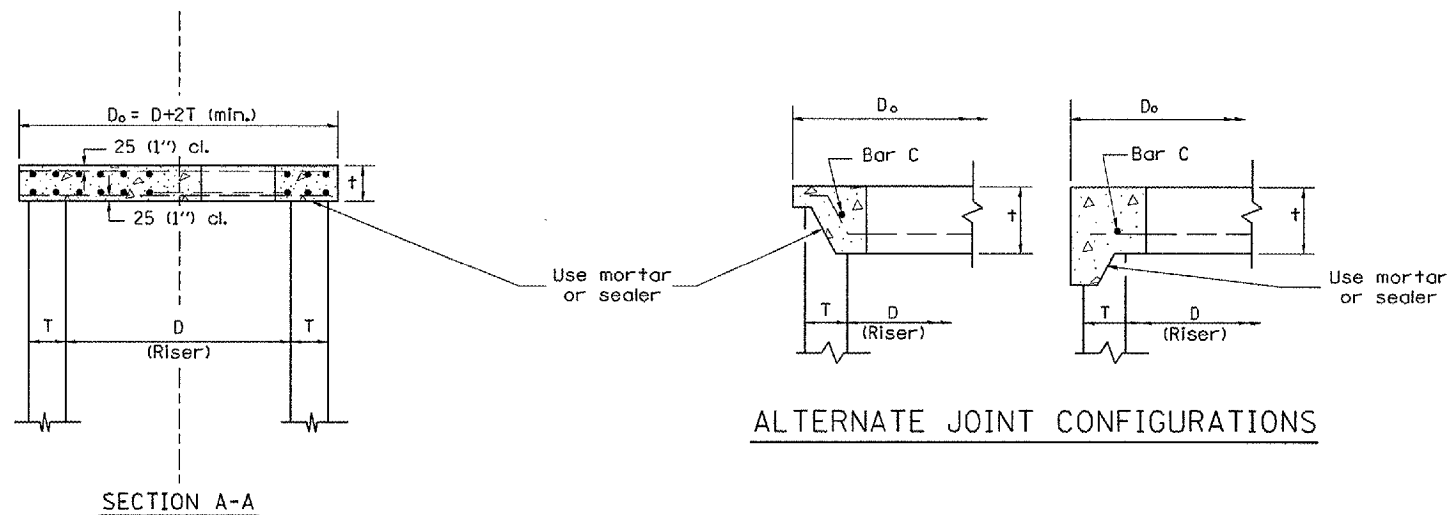
(3 required per slab)

TABLE

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



BAR "C"



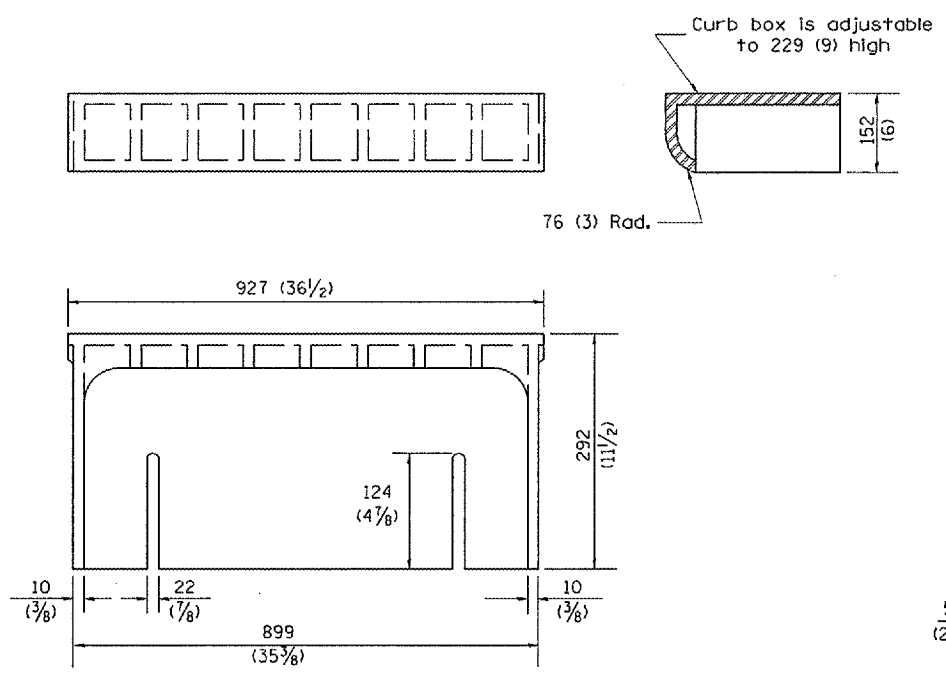
GENERAL NOTES

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

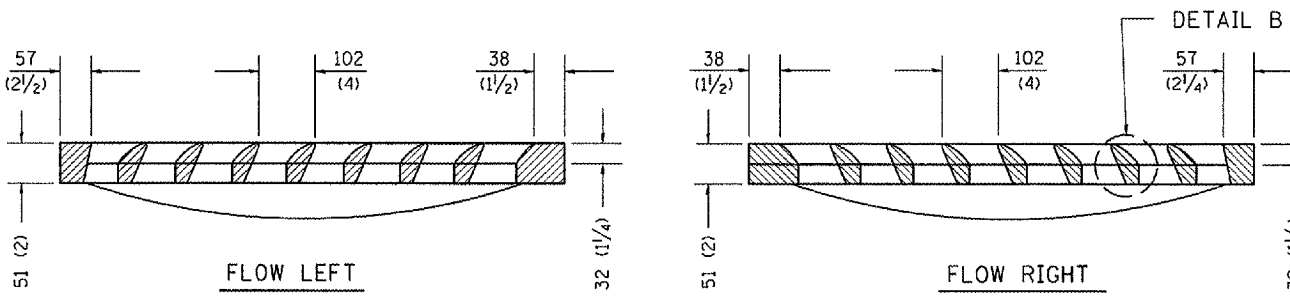
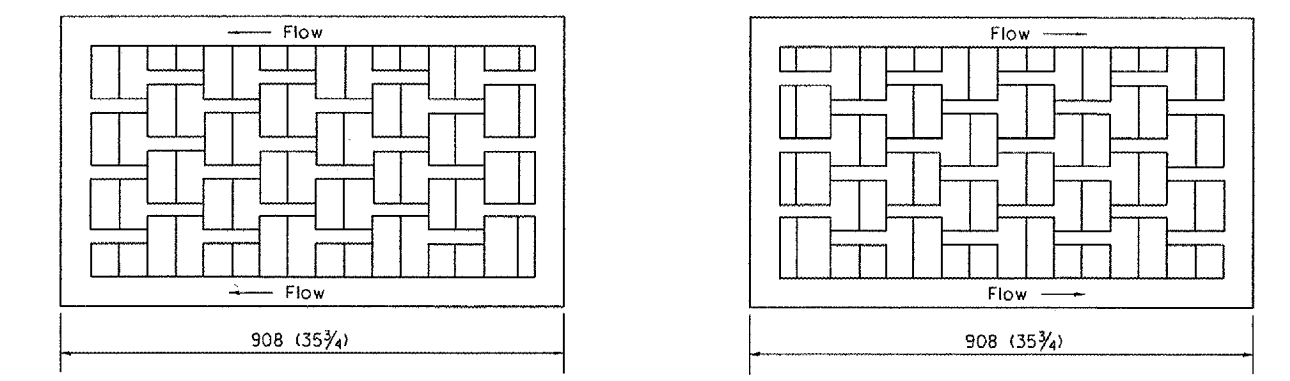
All dimensions are in millimeters (inches) unless otherwise noted.



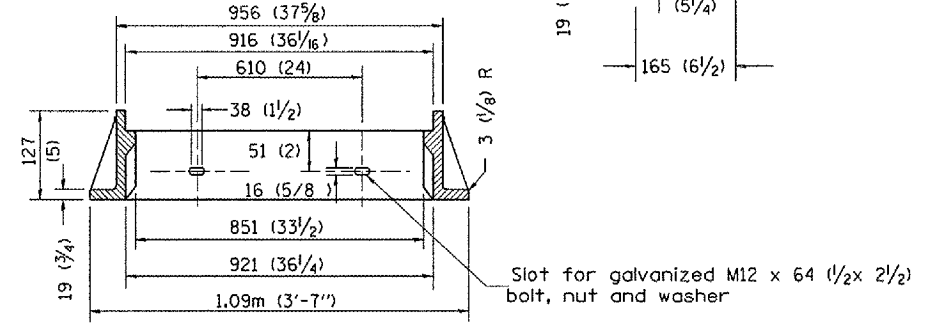
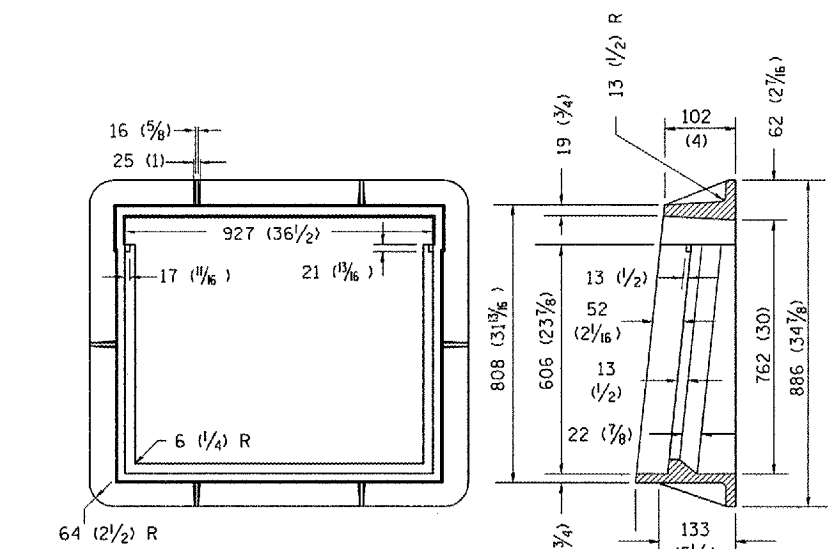
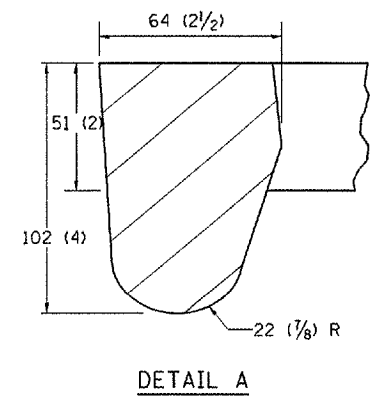
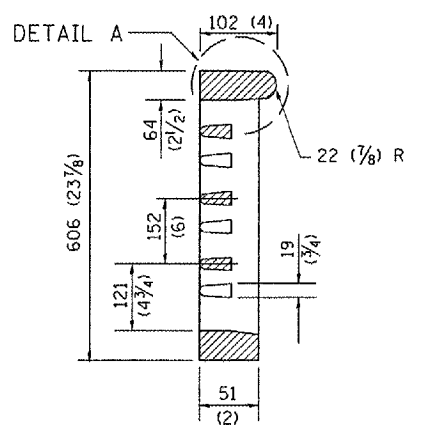
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	65
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



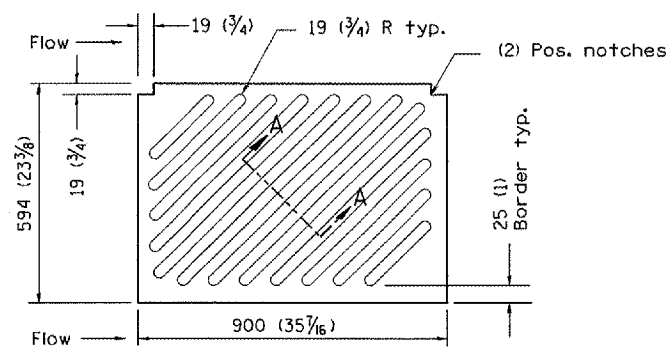
CAST CURB BOX
50 kg (110 lbs.)



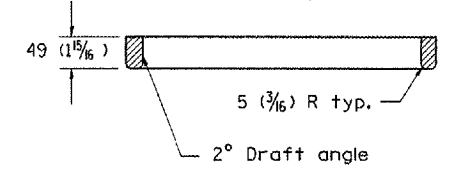
CAST VANE GRATES
(SPECIFY LEFT OR RIGHT FLOW)
104 KG (230 lbs.)



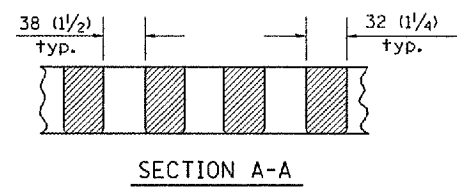
CAST FRAME
123 kg (271 lbs.)



NOTE: Flow right shown

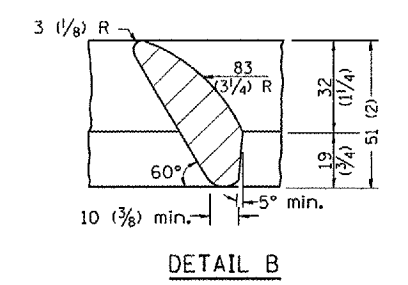


CAST DIAGONAL GRATE
(Reversible for flow)
98 kg (217 lbs.)



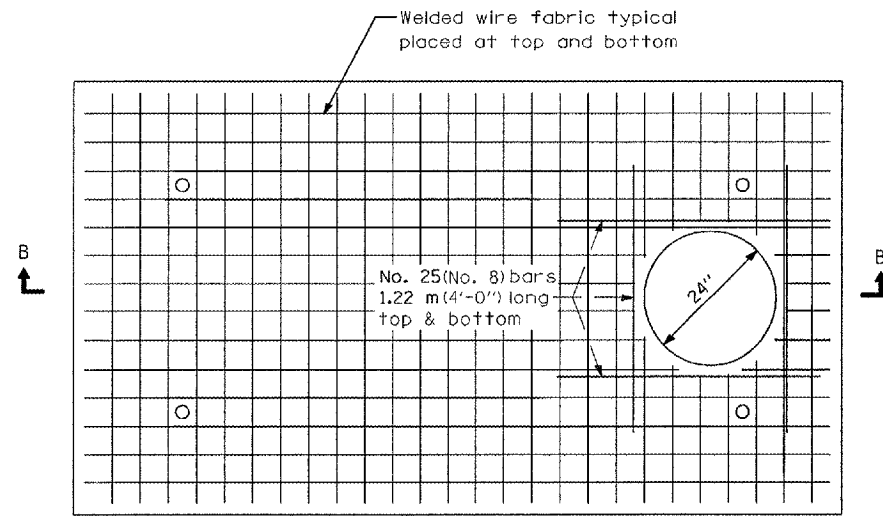
GENERAL NOTES

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



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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	66
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



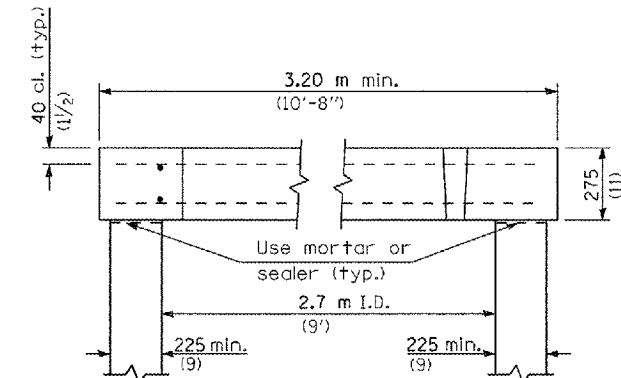
PLAN

Showing Welded Wire Fabric Reinforcement

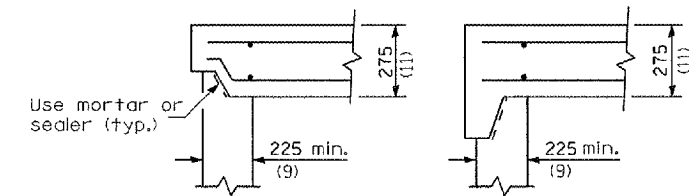
Diameter of opening	Reinforcement Bar Size	Reinforcement "As" WWF each direction
600 (24)	Bottom mat No. 25 (No. 8)	Bottom mat *** 3620 sq. mm/m (1.71) sq. in./ft.
	Top mat No. 13 (No. 4)	Top mat *** 510 sq. mm/m (0.24) sq. in./ft.

*** A maximum of two layers of welded wire fabric may be used to satisfy the required "As" for each mat.

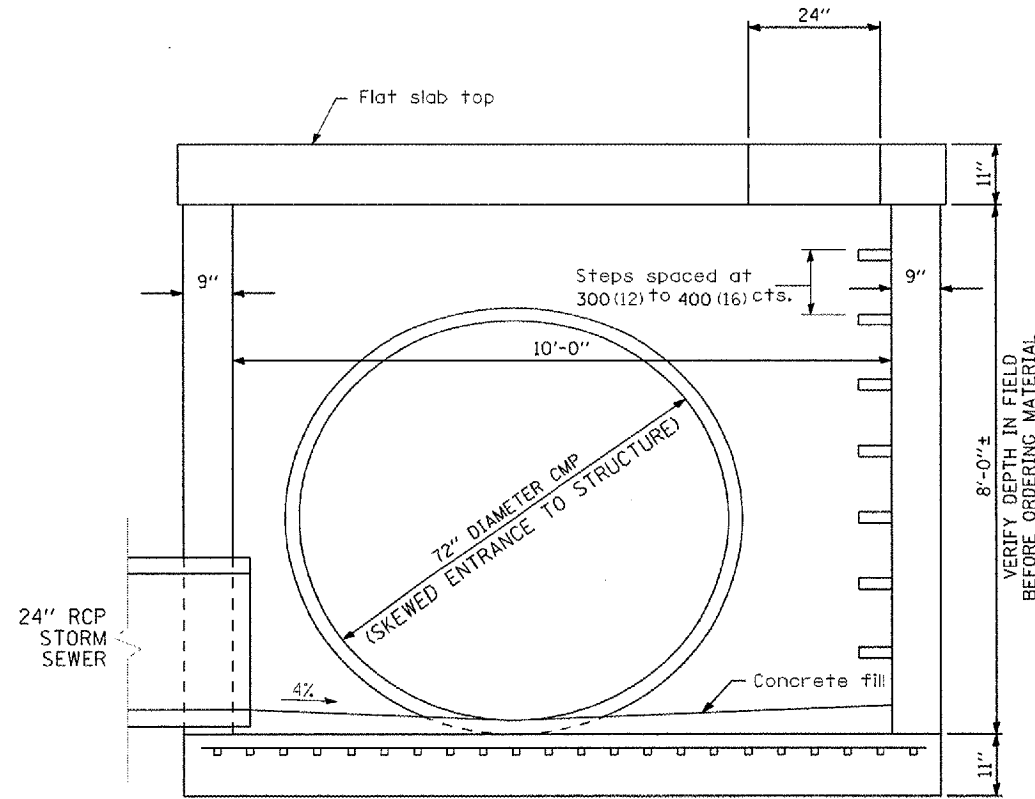
ALTERNATE MATERIALS FOR RISER WALLS	T (min)
Concrete Masonry Units	125 (5)
Precast Reinforced Concrete Sections	100 (4)
Cast-in-Place Concrete	150 (6)



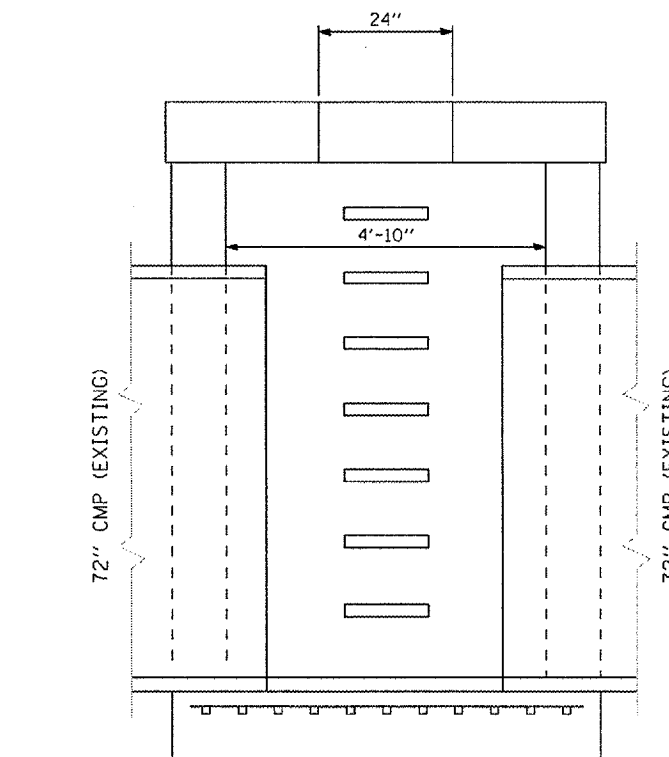
SECTION B-B



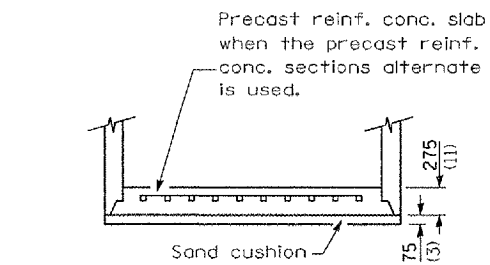
ALTERNATE JOINT CONFIGURATIONS



ELEVATION



ELEVATION



ALTERNATE BOTTOM SLABS

GENERAL NOTES

Joint configuration and dimensions of flat slab top shall match and fit the riser joint detail.

Lifting devices shall be approved by the Engineer.

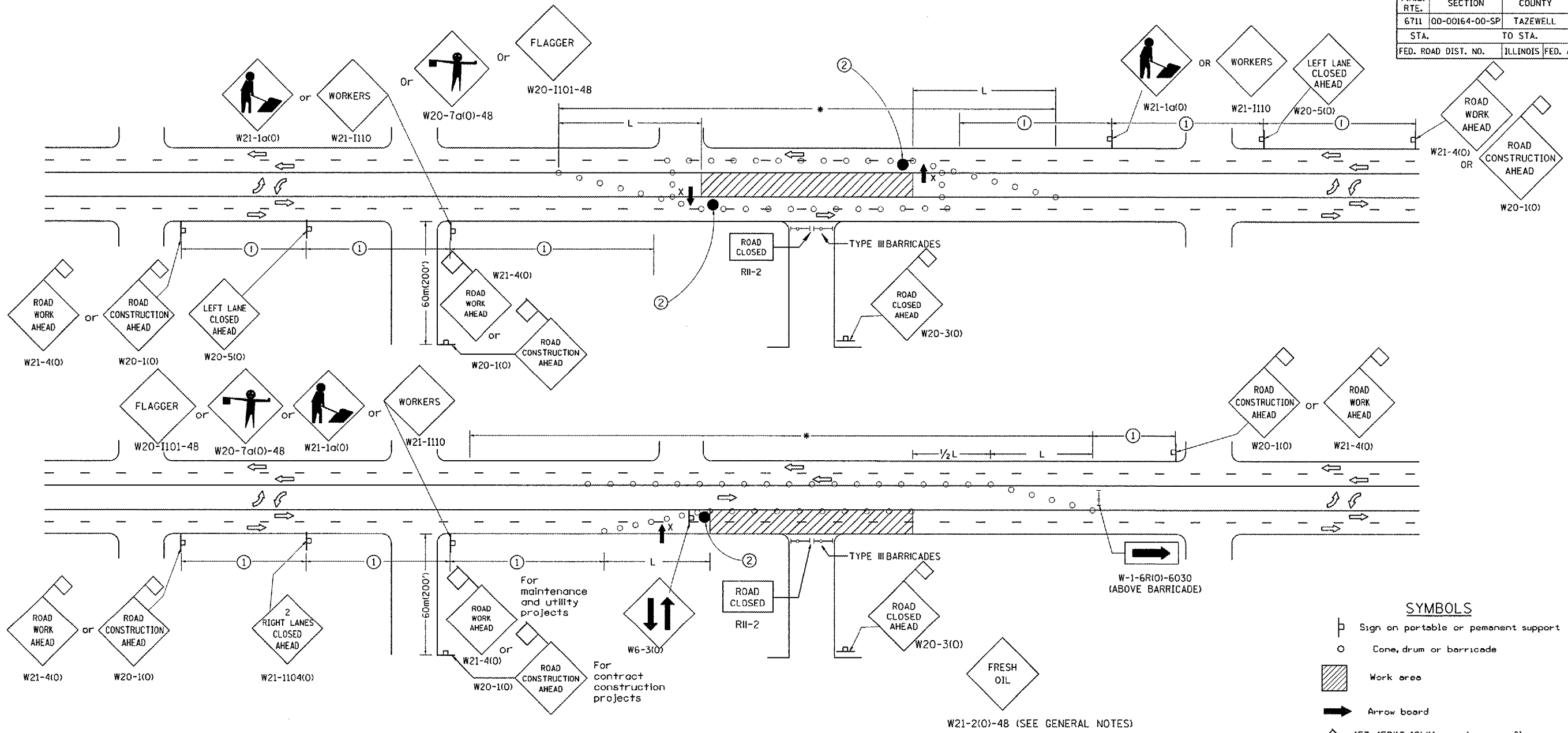
Bottom slabs shall be reinforced with a minimum of 1420 sq. mm/m (0.67 sq. in./ft.) in both directions.

See Standard 602701 for details of manhole steps.

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



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	67
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



MAURER-STUTZ, INC.

GENERAL NOTES

Cones at 8 m(25') centers for 75 m(250'). Additional cones may be placed at 15 m(50') centers. When drums or type I or II barricades are used, the interval between devices may be doubled.

Where, at anytime, day or night, any vehicle, equipment, workers or their activities encroach on the pavement requiring the closure of one traffic lane in an Urban area.

The L distance shall be defined as:

METRIC ENGLISH
 $L = WS^2/150$ $L = WS^2/60$
 Where: W = Width of closure in meters(feet).
 S = Normal posted speed limit in km/h(mph).

If the work operation is performed between 9:00 a.m. and 3:00 p.m. and does not exceed 15 min Traffic protection shall be as shown for Std. 701301.

Form "BT 725" is required.

SIGN SPACING	
Posted Speed	Sign Spacing
55	164m (500')
50-45	115m (350')
<45	60m (200')

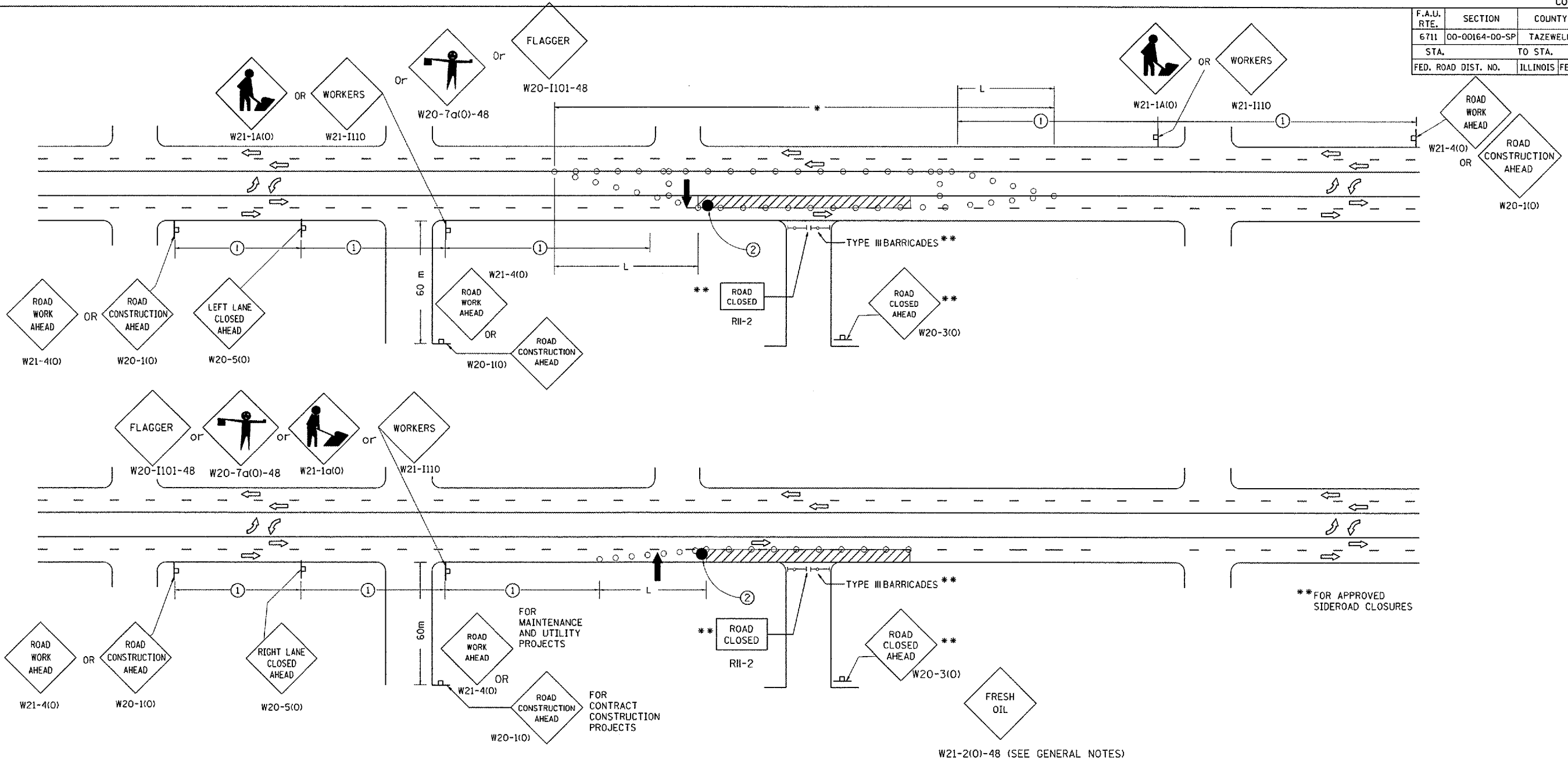
① = Refer to SIGN SPACING TABLE for distances.
 ② = Required for speeds > 40 MPH

SYMBOLS

- ⊥ Sign on portable or permanent support
- Cone, drum or barricade
- ▨ Work area
- ➡ Arrow board
- ◇ 450x450(18x18) (Minimum) orange flag
- ⊙ Drum or barricade with flashing light
- X High level warning device
- Flagger with traffic control sign

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	68
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**FOR APPROVED SIDEROAD CLOSURES

W21-2(0)-48 (SEE GENERAL NOTES)

SYMBOLS

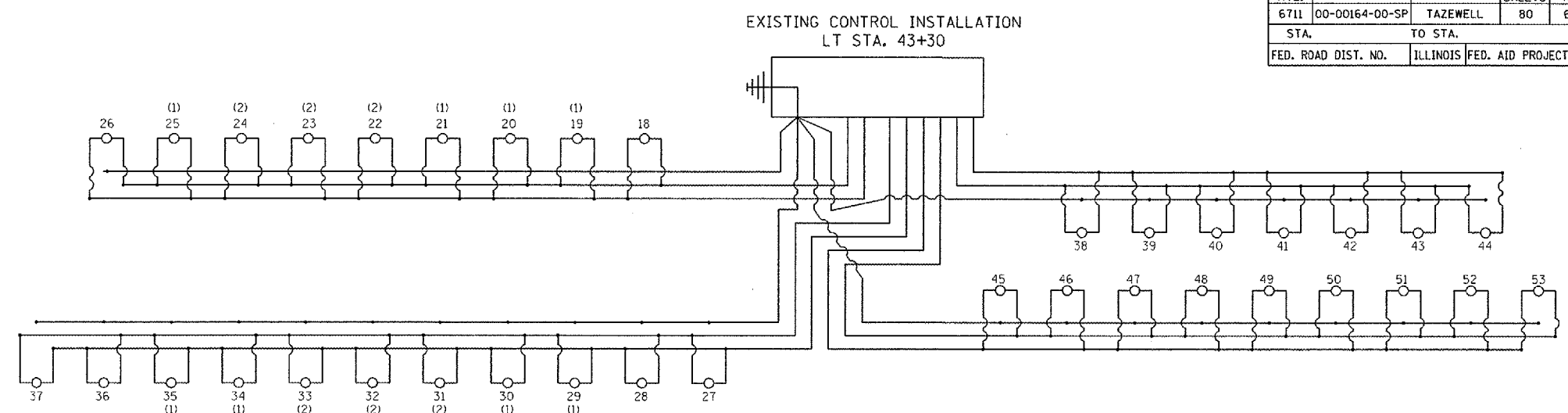
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- CONE, DRUM OR BARRICADE
- WORK AREA
- ARROW BOARD
- DRUM OR BARRICADE WITH FLASHING LIGHT
- FLAGGER WITH TRAFFIC CONTROL SIGN

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



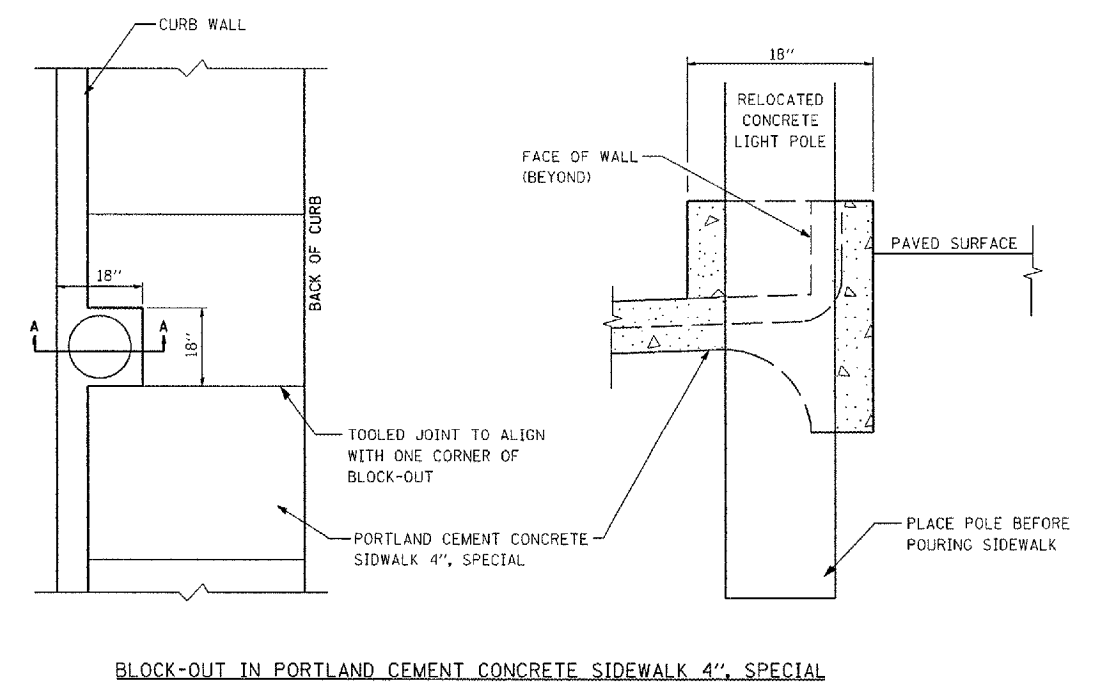
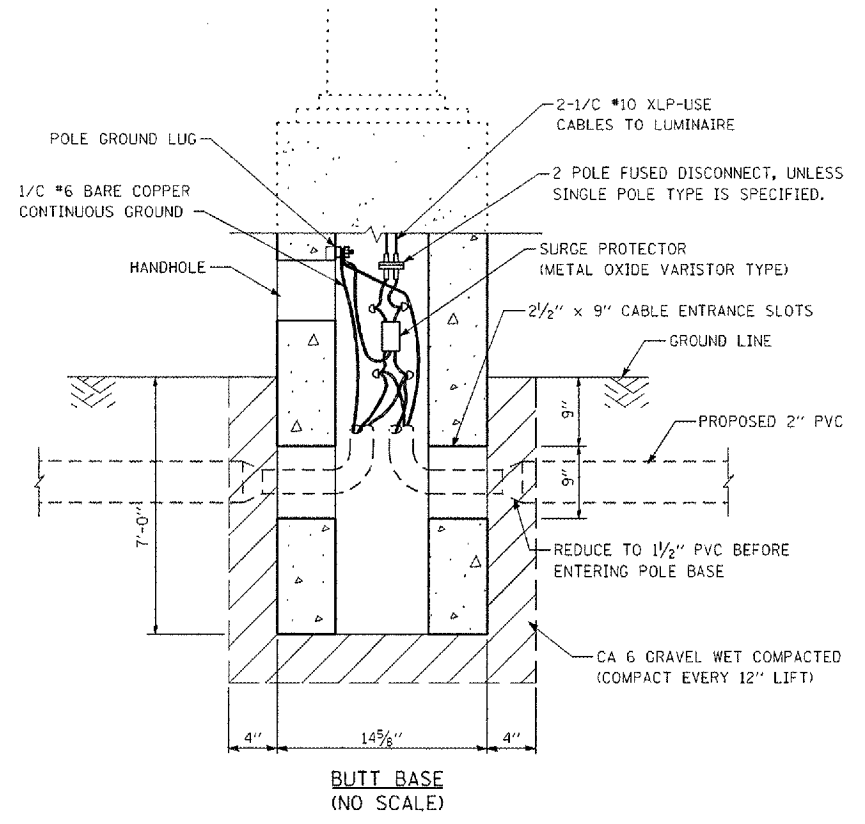
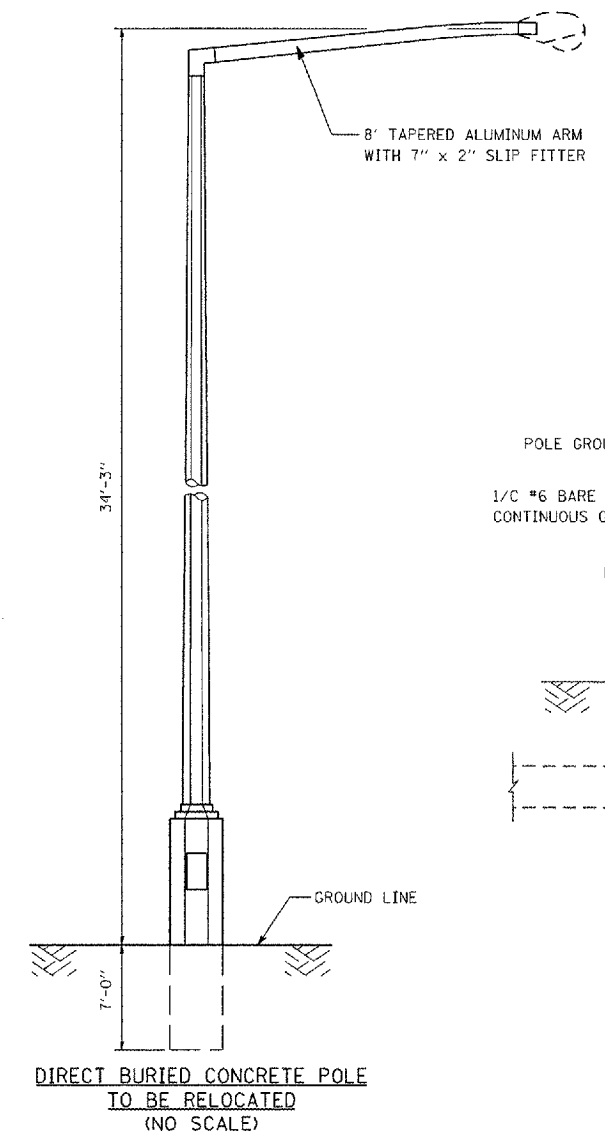
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	69
STA. TO STA.		ILLINOIS FED. AID PROJECT		

SCHEDULE OF QUANTITIES		
EXIST POLE #	STA	ITEM
19	LT	RELOCATE EXISTING LIGHTING UNIT
20	LT	RELOCATE EXISTING LIGHTING UNIT
21	LT	RELOCATE EXISTING LIGHTING UNIT
22	LT	REMOVE EXISTING LIGHTING UNIT, SALVAGE
23		REMOVE EXISTING LIGHTING UNIT, SALVAGE
24	LT	REMOVE EXISTING LIGHTING UNIT, SALVAGE
25	LT	RELOCATE EXISTING LIGHTING UNIT
29	RT	RELOCATE EXISTING LIGHTING UNIT
30	RT	RELOCATE EXISTING LIGHTING UNIT
31	RT	REMOVE EXISTING LIGHTING UNIT, SALVAGE
32	RT	REMOVE EXISTING LIGHTING UNIT, SALVAGE
33	RT	REMOVE EXISTING LIGHTING UNIT, SALVAGE
34	RT	RELOCATE EXISTING LIGHTING UNIT
35	RT	RELOCATE EXISTING LIGHTING UNIT



SUMMARY OF EXISTING LIGHTING QUANTITIES		TOTAL
(1) - RELOCATE EXISTING LIGHTING UNIT		8 EACH
(2) - REMOVE EXISTING LIGHTING UNIT, SALVAGE		6 EACH

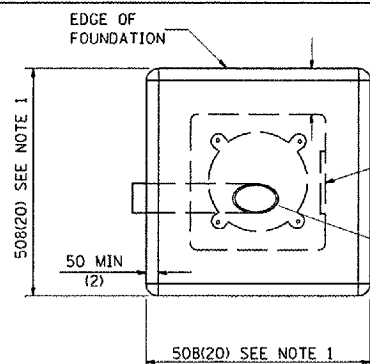
MAURER-STUTZ, INC. ENGINEERS



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	70
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

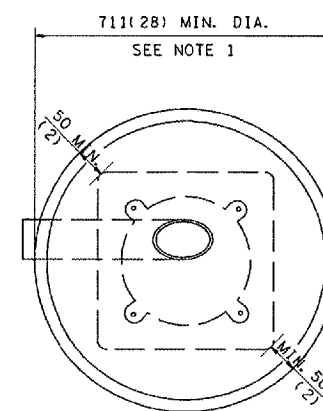
LOW MOUNT DESIGN TABLE

MOUNTING HEIGHT	FOUNDATION DEPTH	BOLT CIRCLE
9.1m(30') OR LESS	1.52m(5'-0")	290(11 1/2)
9.4m-10.7m(31'-35')	1.83m(6'-0")	290(11 1/2)
11.0m-12.2m(36'-40')	2.13m(7'-0")	380(15)
12.5m-13.7m(41'-45')	2.29m(7'-6")	380(15)
14.0m-15.2m(46'-50')	2.44m(8'-0")	380(15)

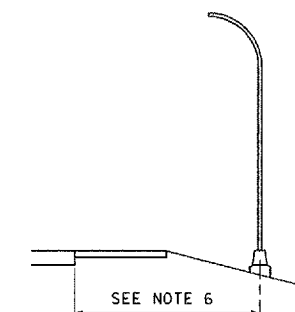


PLACE DOOR ON WIREWAY SIDE. WIREWAY MAY BE ON FRONT, BACK OR SIDE OF FOUNDATION AS REQ'D. BY THE TRENCHING WHICH SHOULD PERMIT UNIT DUCT TO HAVE AS FEW BENDS AS ARE PRACTICAL.

TOP OF FIBER DUCT SHALL BE FLUSH WITH THE TOP OF FOUNDATION FOR DRAINAGE. 127(5) I.D. TYPE I FIBER OR POLYSTYRENE DUCK WIRING WINDOW.

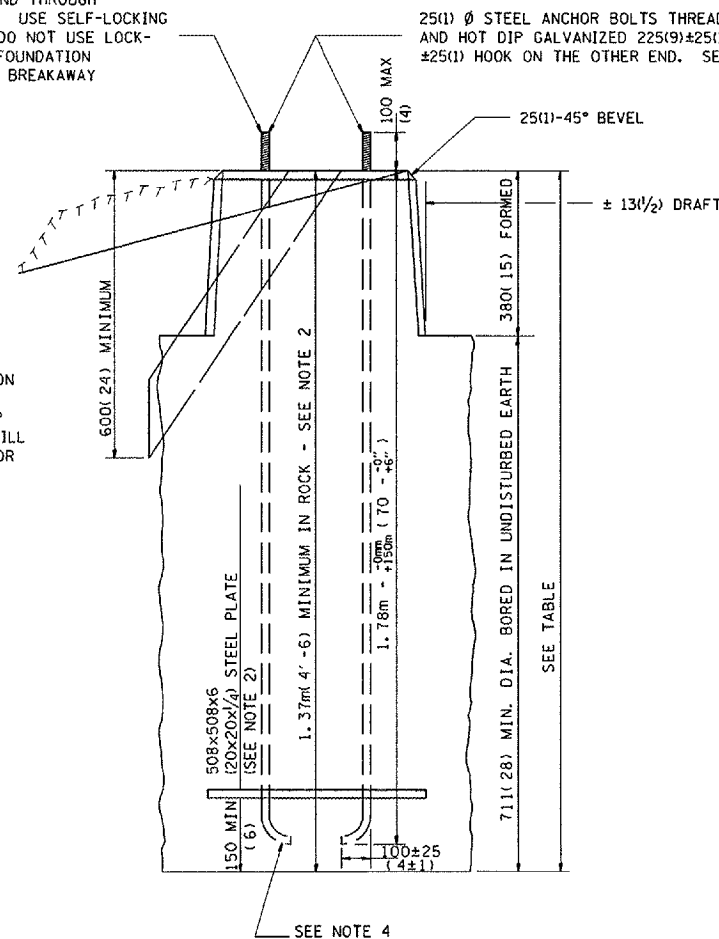


ALTERNATE FOUNDATION

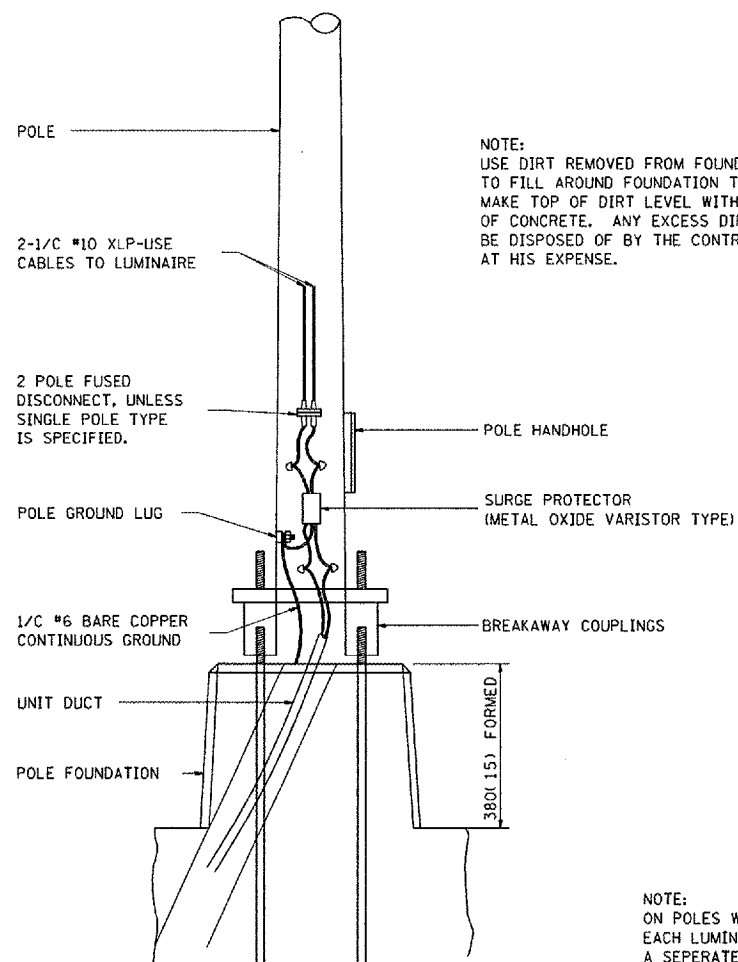


ANCHOR BOLT SHALL EXTEND THROUGH NUT 10 TO 25 (3/8 TO 1). USE SELF-LOCKING NUT AND FLAT WASHER. DO NOT USE LOCK-WASHER. LENGTH ABOVE FOUNDATION SHALL BE ADJUSTED WHEN BREAKAWAY DEVICES ARE USED.

25(1) Ø STEEL ANCHOR BOLTS THREADED 100(4)± AND HOT DIP GALVANIZED 225(9)±25(1),100(4) ±25(1) HOOK ON THE OTHER END. SEE NOTE 3.



NOTE: USE DIRT REMOVED FROM FOUNDATION TO FILL AROUND FOUNDATION TOP. MAKE TOP OF DIRT LEVEL WITH TOP OF CONCRETE. ANY EXCESS DIRT WILL BE DISPOSED OF BY THE CONTRACTOR AT HIS EXPENSE.



GENERAL NOTES

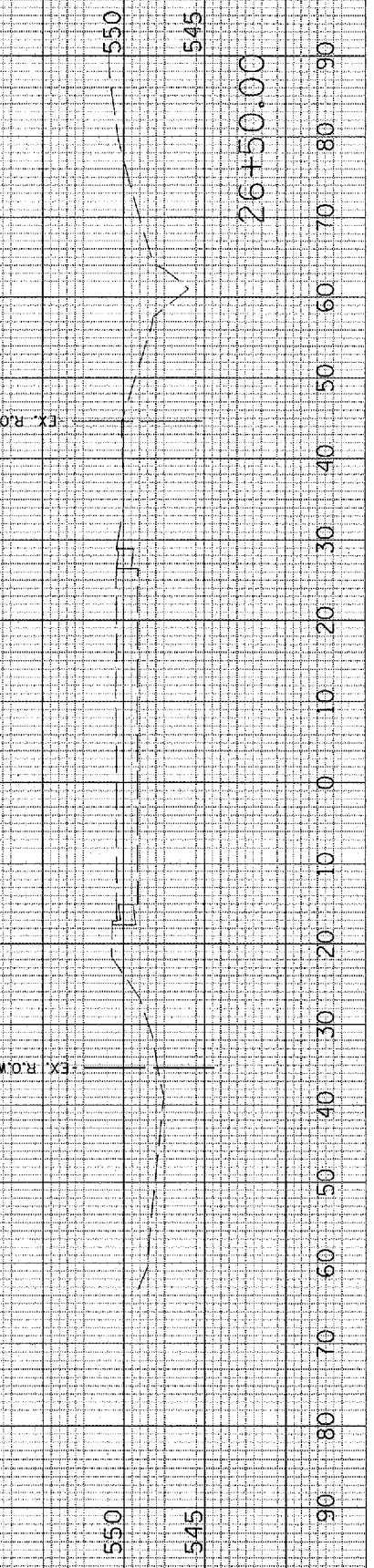
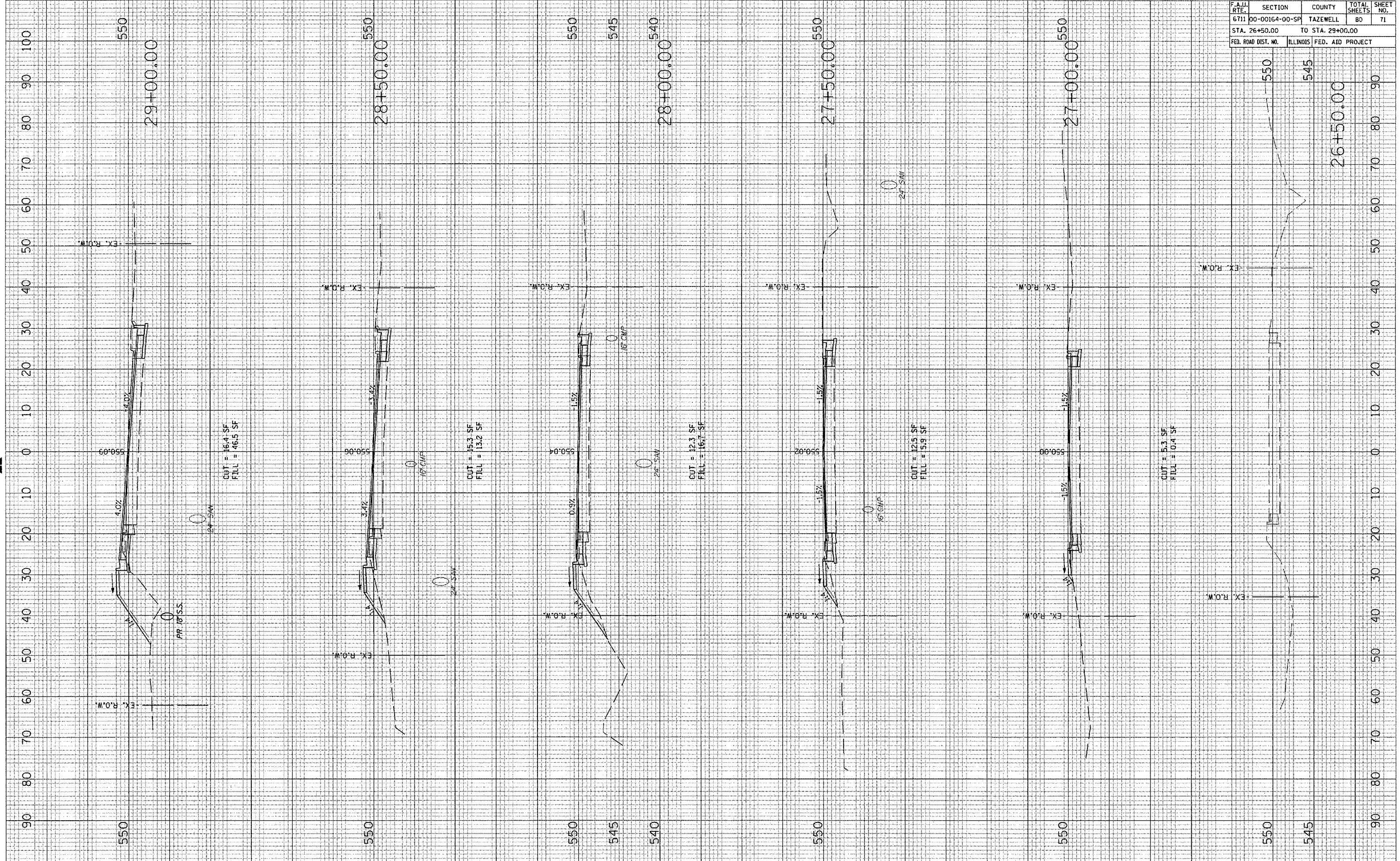
1. MINIMUM CLEARANCE FROM THE OUTSIDE EDGE OF FOUNDATION TO ANY PART OF THE POLE BASEPLATE SHALL BE 50(2).
2. THE DEPTH OF THE FOUNDATION MAY BE REDUCED 150(6) FOR EVERY FOOT OF ROCK ENCOUNTERED WITH A MINIMUM DEPTH OF 1.37m(4'-6"). WHEN THE DEPTH OF THE FOUNDATION IS DECREASED TO LESS THAN 1.83m(6'-0") THE ANCHOR BOLTS SHALL BE CUT, THREADED, AND A STEEL PLATE 508x508x6(20x20x 3/4) SHALL BE INSTALLED ON THE ANCHOR BOLTS 150(6) ABOVE THE BOTTOM OF THE EXCAVATION. THE COST SHALL BE INCIDENTAL TO THE FOUNDATION.
3. ON PARAPET WALLS USE 32(1 1/4) Ø ANCHOR BOLTS. USE SELF-LOCKING NUT AND FLAT WASHER. DO NOT USE LOCKWASHER. IFOR DETAILS SEE STANDARD III/2.35 OF BRIDGE DESIGN MANUAL.
4. BEND RADIUS SHALL BE FOUR TIMES BOLT DIAMETER.
5. CONNECT GROUND WIRES TO POLE BASE GROUND LUG, NOT ANCHOR BOLTS OR TRANSFORMER BASE.
6. LOW MOUNT POLE FOUNDATION SETBACK FROM EDGE OF PAVEMENT SHALL BE 6.1m(20') MINIMUM FOR BREAKAWAY BASE POLES; 1.52m(5') BEHIND GUARDRAIL OR OTHER PROTECTIVE BARRIERS UNLESS OTHERWISE SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
7. AFTER POURING CONCRETE, THE FORM SHALL REMAIN UNDISTURBED OVERNIGHT. THE TOP 380(15) ONLY SHALL BE FORMED. CONCRETE BOUNDED BY UNDISTURBED EARTH ONLY SHALL FILL THE REMAINDER OF THE HOLE.
8. MATCH EXISTING BOLT PATTERN AS MEASURED IN FIELD.

All dimensions are in millimeters (inches) unless otherwise noted. CADD STD NO. 836001-D4



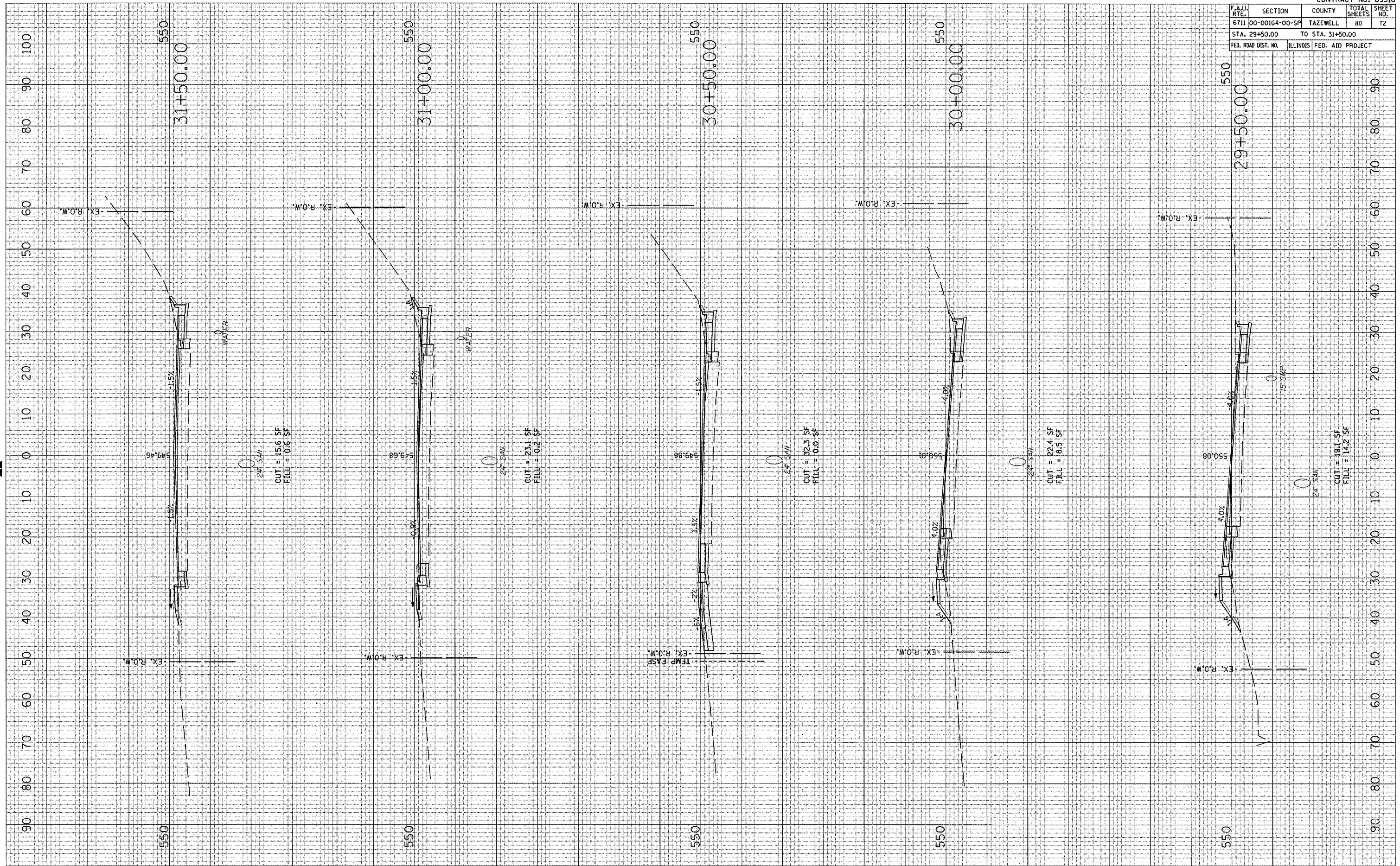


F.A.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	71
STA. 26+50.00		TO STA. 29+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



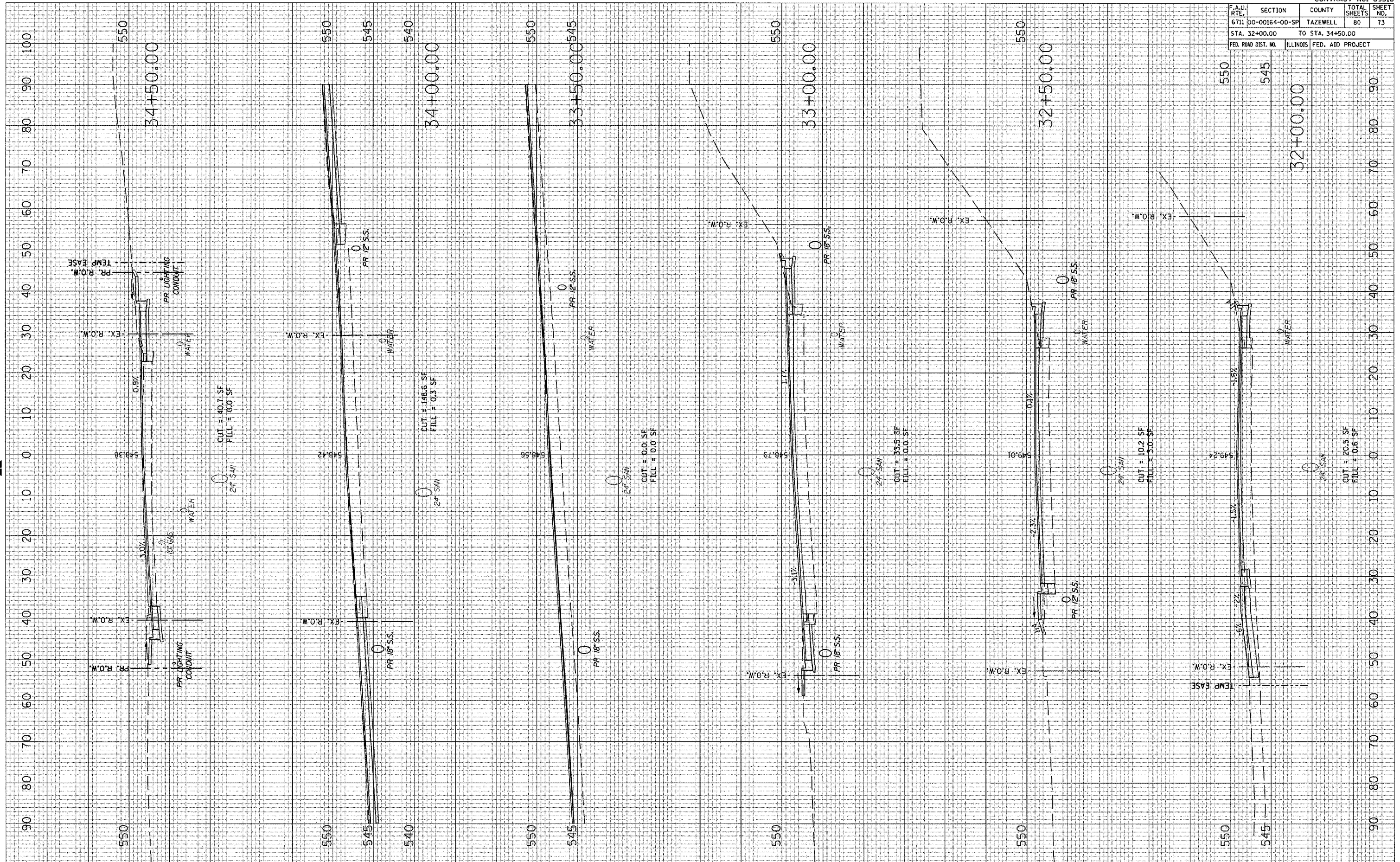


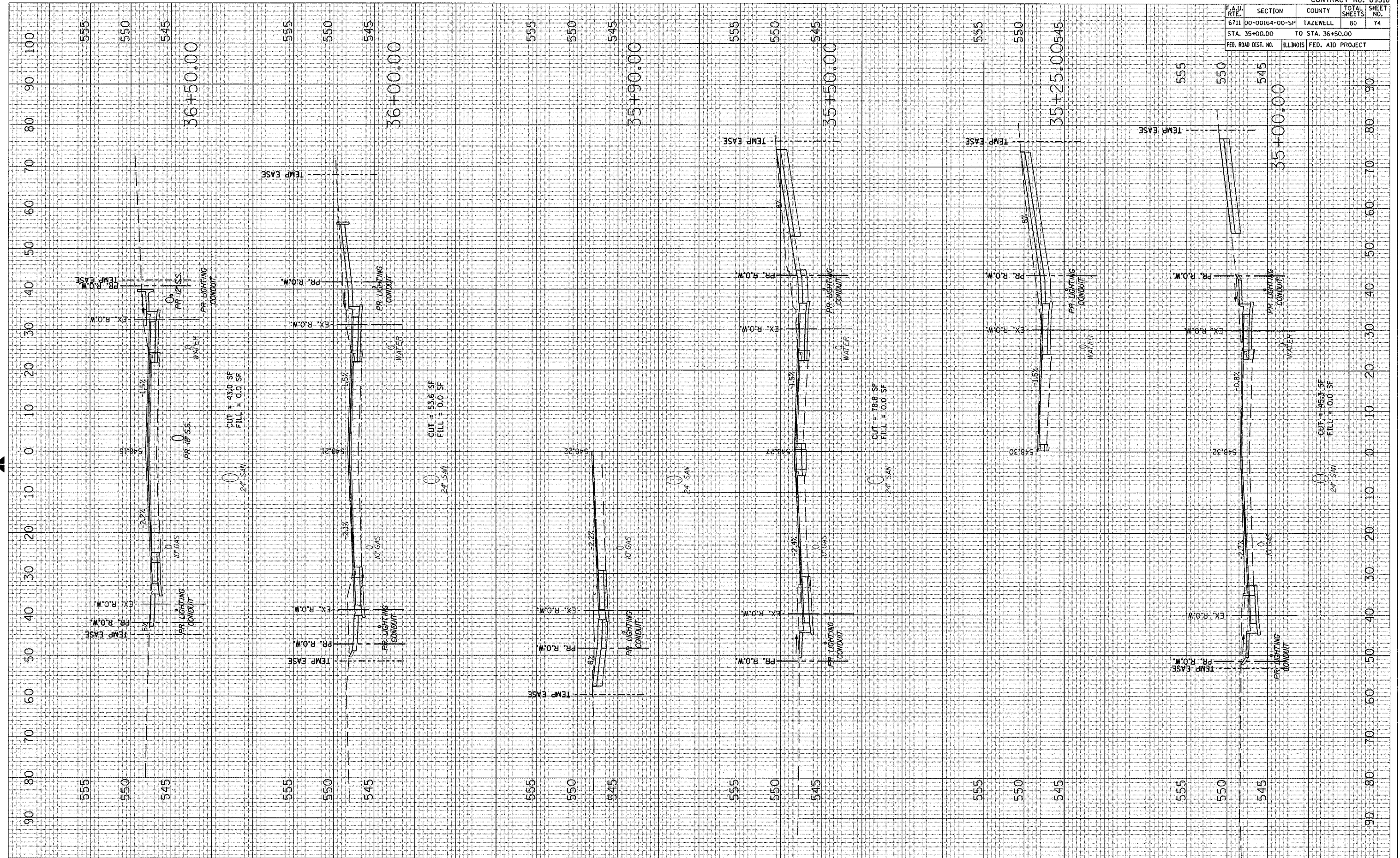
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	72
STA. 29+50.00		TO STA. 31+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		





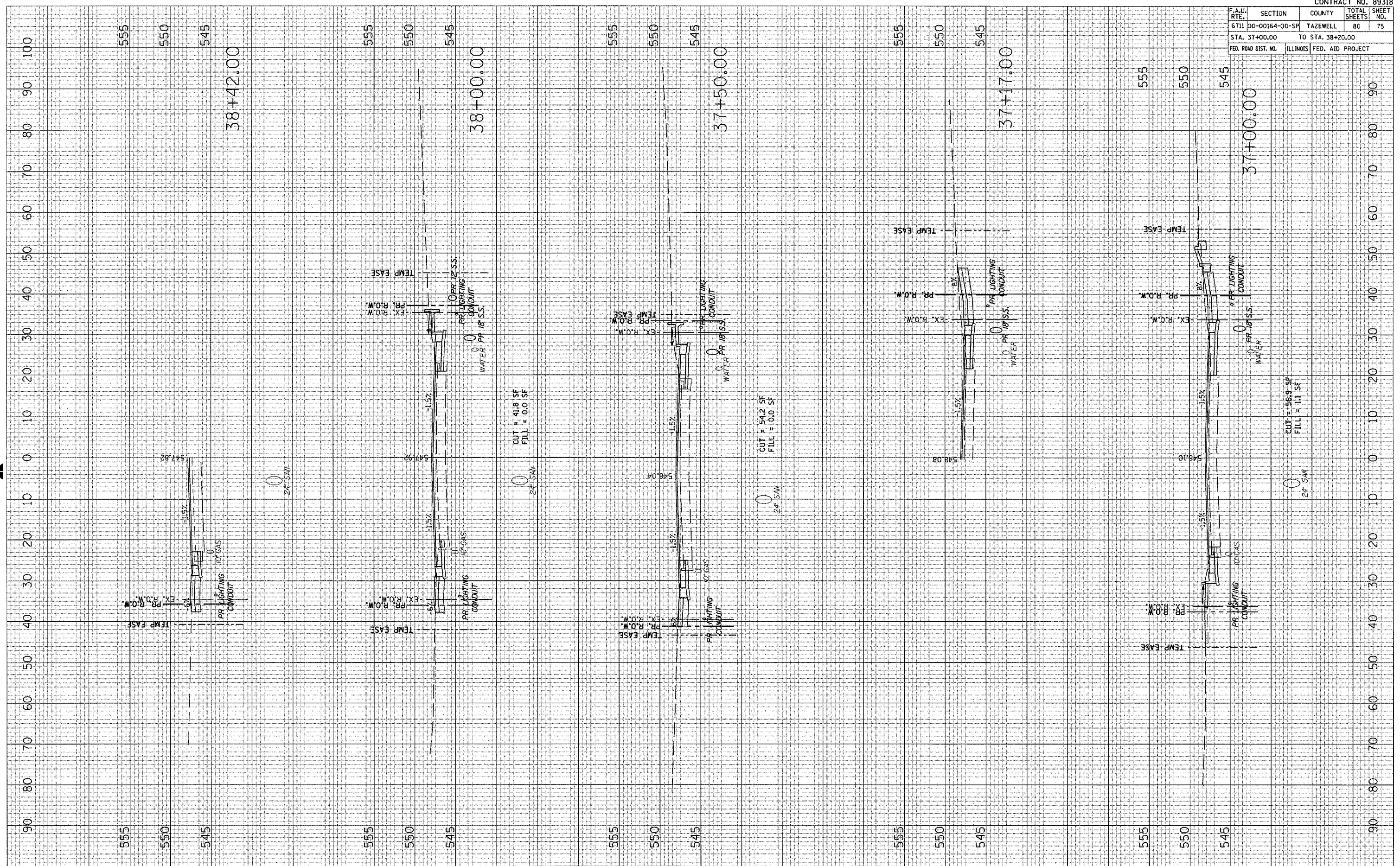
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	73
STA. 32+00.00		TO STA. 34+50.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		





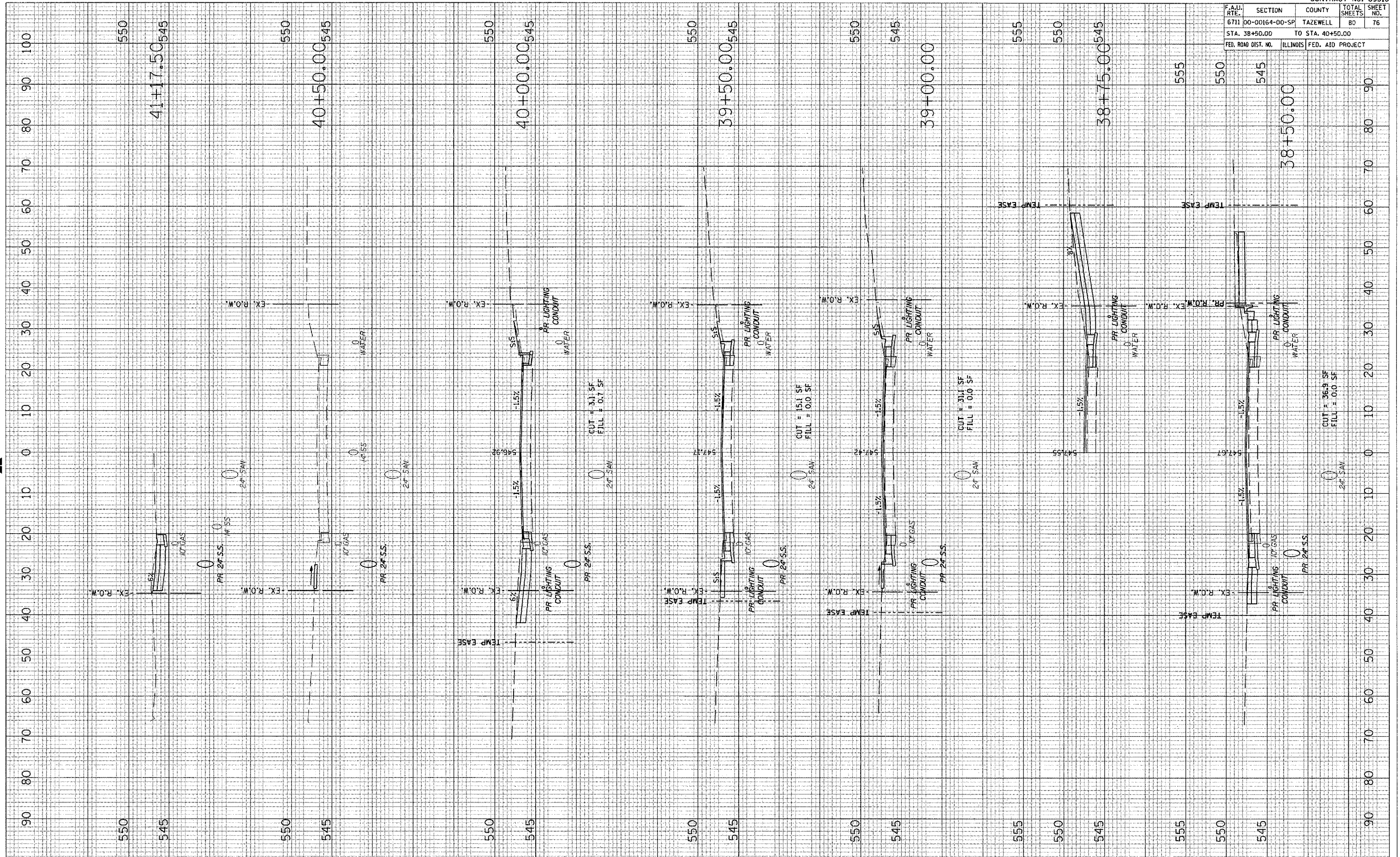
CONTRACT NO. 89318				
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	74
STA. 35+00.00		TO STA. 36+50.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

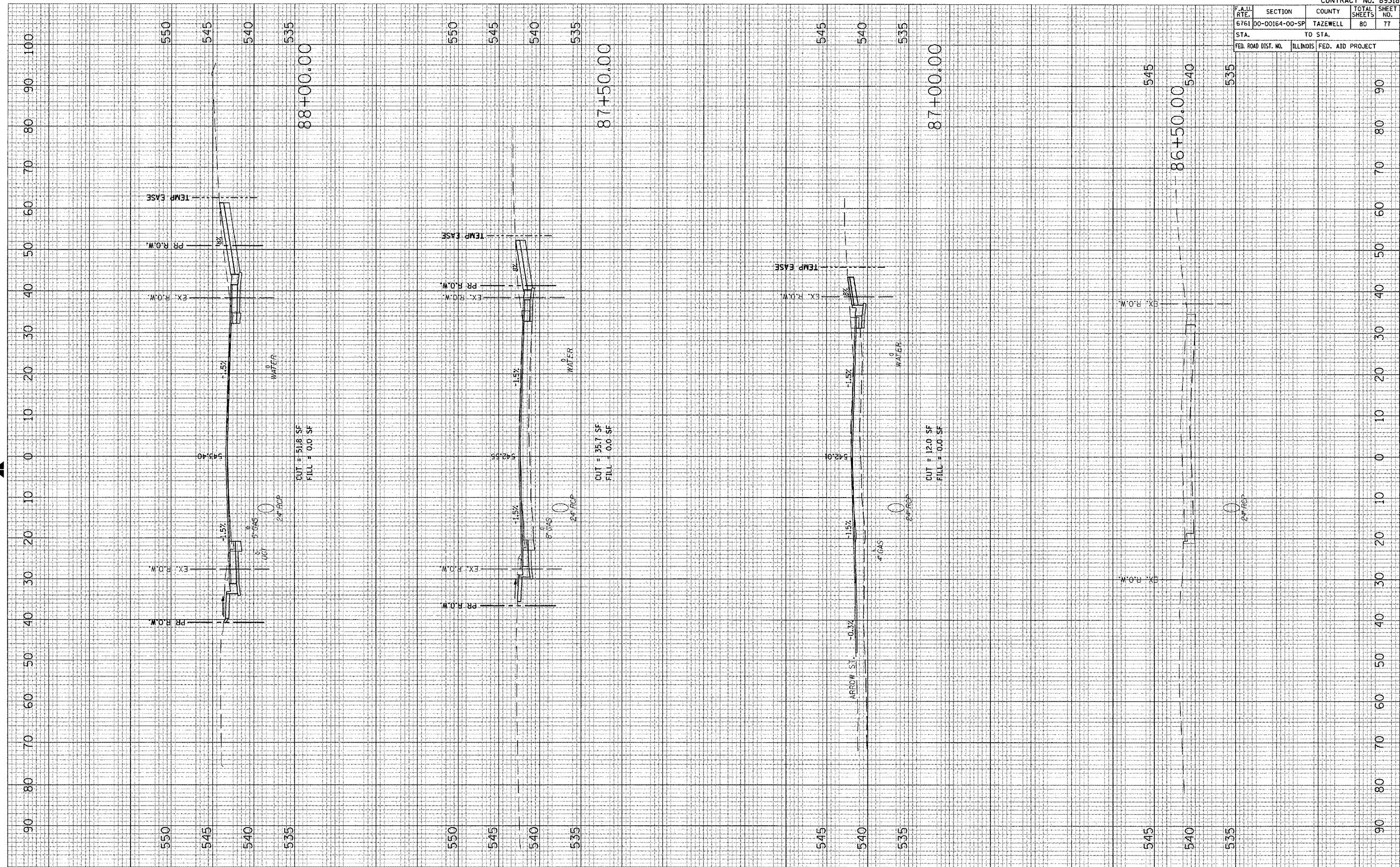
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711	00-00164-00-SP	TAZEWELL	80	75
STA. 37+00.00		TO STA. 38+20.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



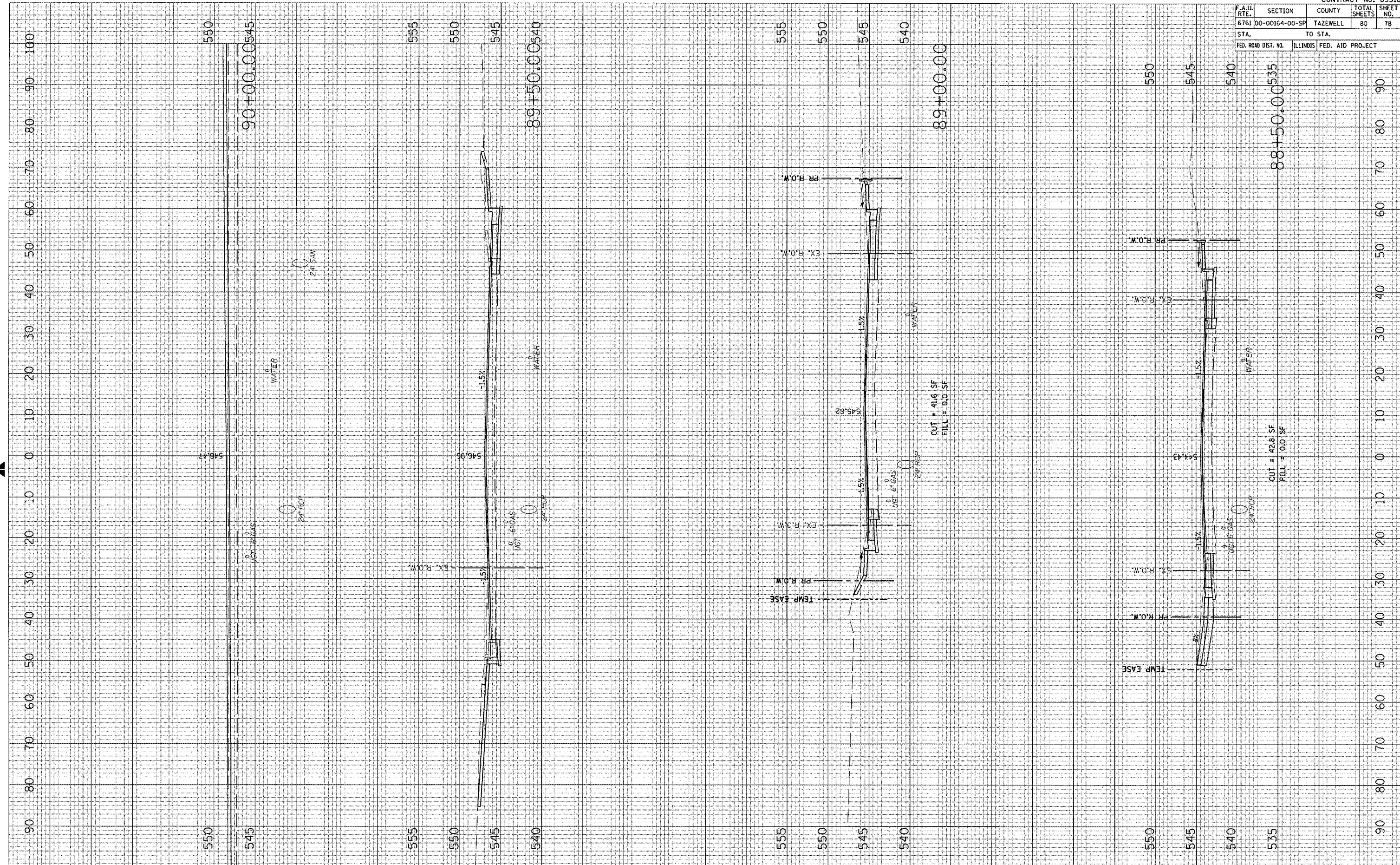


F.A.U. RTE.		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6711 00-00164-00-SP		TAZEWELL	80	76	
STA. 38+50.00		TO STA. 40+50.00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT			





CONTRACT NO. 89318			
F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS
6761	00-00164-00-SP	TAZEWELL	80
STA.		TO STA.	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	

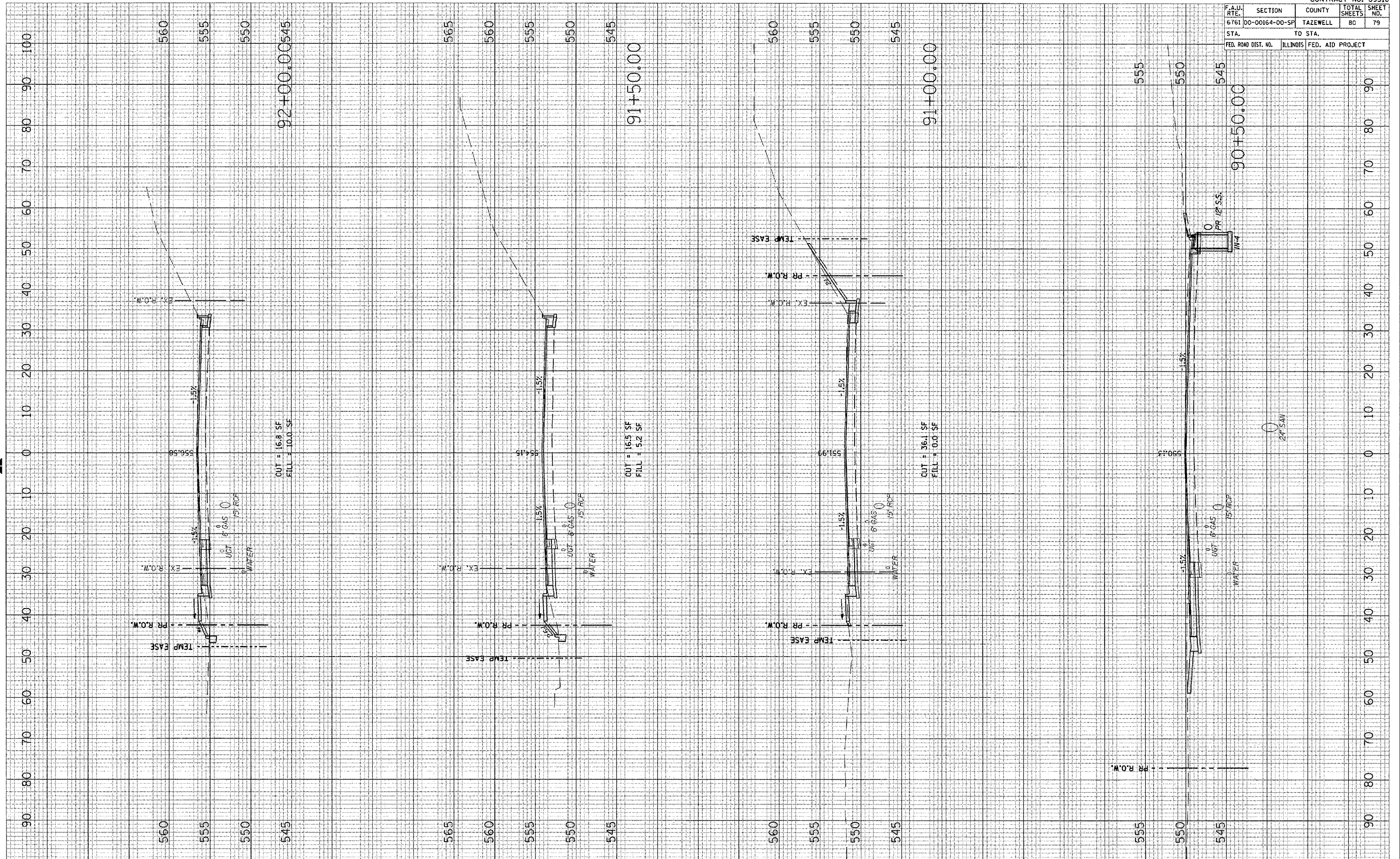


CONTRACT NO. 89318				
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6761	00-00164-00-SF	TAZEWELL	80	78
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



CONTRACT NO. 89318

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6761	00-00164-00-SF	TAZEWELL	80	79
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



92+00.00

91+50.00

91+00.00

90+50.00

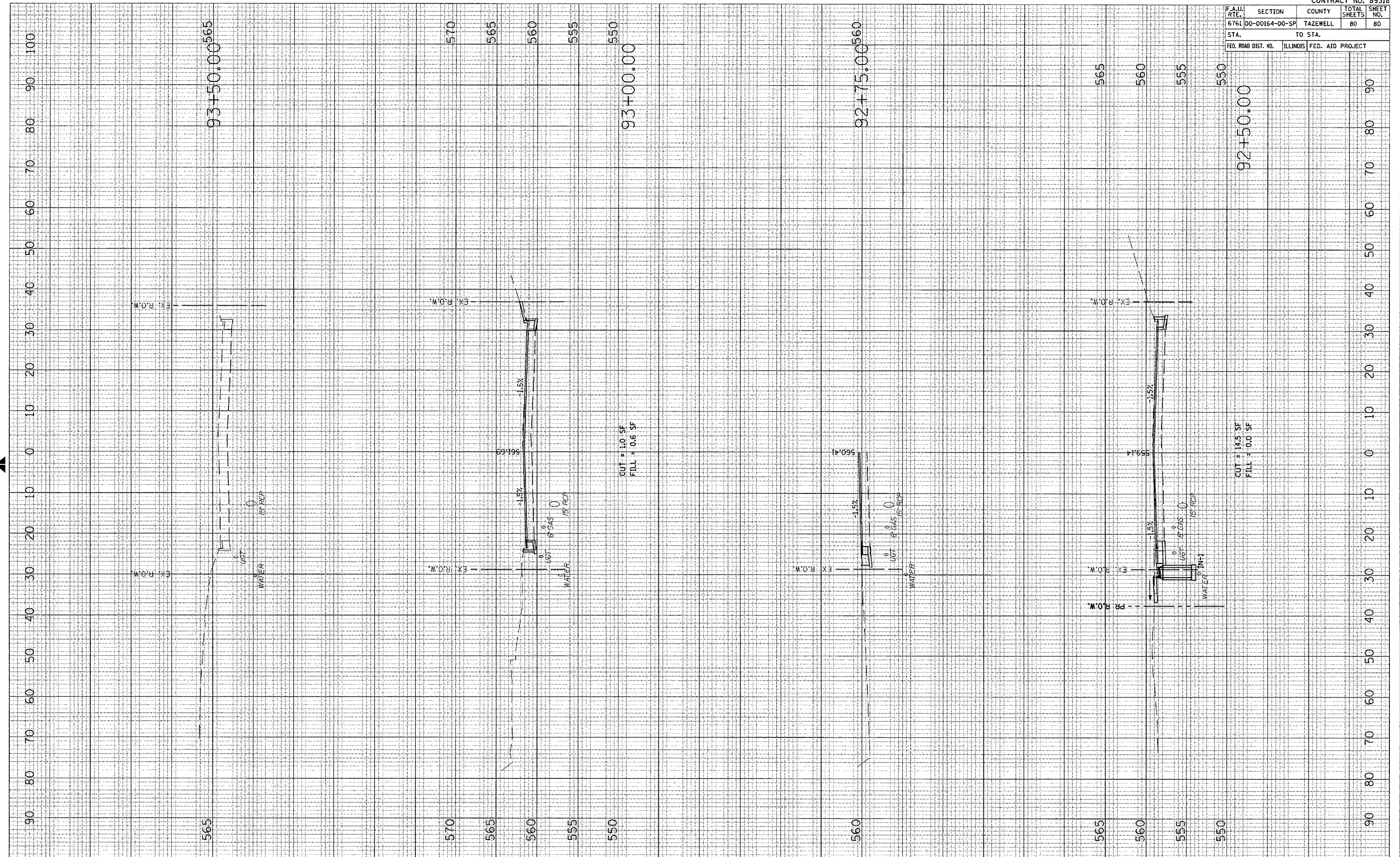
CUT = 16.8 SF
FILL = 10.0 SF

CUT = 16.5 SF
FILL = 5.2 SF

CUT = 36.1 SF
FILL = 0.0 SF

MAURER-STUTZ, INC.

BROADWAY ROAD



CONTRACT NO. 89318				
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6761	00-00164-00-SP	TAZEWELL	80	80
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		