F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 89352		

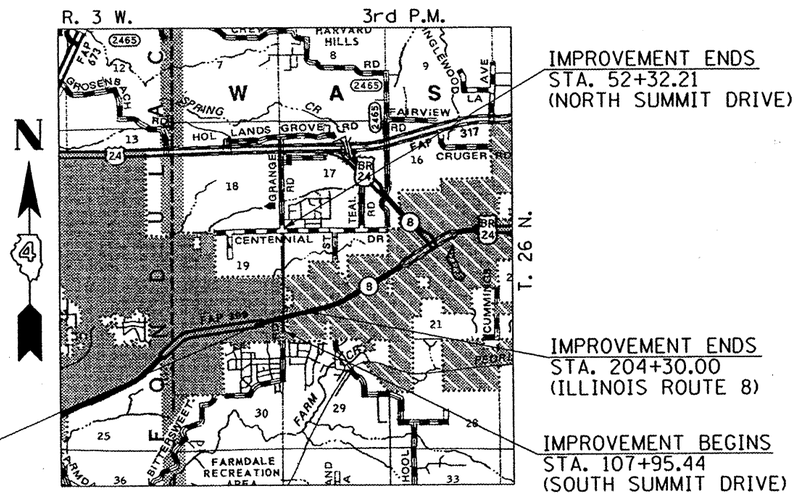
SURVEY BOOK 492

INDEX OF SHEETS

LIST OF STANDARDS

NO.	DESCRIPTION
000001-05	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
280001-05	TEMPORARY EROSION CONTROL SYSTEMS
420001-01	PAVEMENT JOINTS
420101-04	24' JOINTED PCC PAVEMENT
420106-04	36' JOINTED PCC PAVEMENT
420111-02	PCC PAVEMENT ROUNOUTS
424001-05	CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
542106-02	REINFORCED CONCRETE END SECTIONS FOR PIPE CULVERTS 42" THRU 60" DIA. AT RIGHT ANGLES WITH ROADWAY
542111-02	REINFORCED CONCRETE END SECTIONS FOR PIPE CULVERTS 66" THRU 84" DIA. AT RIGHT ANGLES WITH ROADWAY
542301-02	PRECAST REINFORCED CONCRETE FLARED END SECTION
542401-01	METAL END SECTION FOR PIPE CULVERTS
542601-02	REINFORCED CONCRETE PIPE ELBOW
601101-01	CONCRETE HEADWALL FOR PIPE DRAIN
602301-02	INLET-TYPE A
602401-02	MANHOLE, TYPE A
602406-03	MANHOLE TYPE A 6' DIAMETER
602416-01	MANHOLE TYPE A 8' DIAMETER
602421-01	MANHOLE TYPE A 9' DIAMETER
602701-02	MANHOLE STEPS
604001-03	FRAME AND LIDS, TYPE 1
604016-02	FRAME AND GRATE TYPE 4
604036-02	GRATE TYPE 8
604041-02	FRAME AND GRATE, TYPE 9
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
701301-03	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONLY
701326-03	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS >=45 MPH
701501-05	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701602-04	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-06	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-06	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-04	LANE CLOSURE MULTILANE, 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-01	TRAFFIC CONTROL DEVICES
720016-02	MAST ARM MOUNTED STREET NAME SIGNS
780001-02	TYPICAL PAVEMENT MARKINGS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-02	HANDHOLES
814006-02	DOUBLE HANDHOLES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
862001-01	UNINTERRUPTABLE POWER SUPPLY (UPS)
873001-02	TRAFFIC SIGNAL GROUNDING AND BONDING
877011-04	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
877012-01	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 56' THROUGH 75'
878001-07	CONCRETE FOUNDATION DETAILS
880001-01	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS
BLR 21-8	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
PLANS FOR
PROPOSED LOCAL AGENCY IMPROVEMENT
PROJECT: M-5093(113)
F.A.U. ROUTE 6775 (SUMMIT DRIVE)
SECTION 04-00141-00-FP
C-94-067-04
CITY OF EAST PEORIA
TAZEWELL COUNTY



LENGTH OF PROJECT: 4937.38 FEET = 0.935 MILES

ENGLISH RATIOS

PLAN AND CONSTRUCTION SHEETS

CROSS SECTIONS HORIZONTAL

CROSS SECTIONS AND PROFILE VERTICAL

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.I.E., JOINT UTILITY LOCATION INFORMATION PRIOR TO EXCAVATION AT 1-800-892-0123.

CONTRACT NO. 89352

JOB NO. C-94-067-04

ROADWAY CLASSIFICATION - COLLECTOR
DESIGN YEAR A.D.T. = 5970

DESIGN GUIDELINES - URBAN

DESIGN SPEED - 30/45 M.P.H. (30/40 M.P.H. POSTED)

DESIGN VARIANCES
MINIMUM TURN RADIUS FOR DESIGN NB AND SB VEHICLE AT INTERSECTION OF SUMMIT DRIVE AND IL ROUTE 8

STOP BAR LOCATION FOR NB AND SB SUMMIT DRIVE AT IL ROUTE 8

POLICY USED: URBAN (BLRS MANUAL CHAPTER 32)

PLANS PREPARED BY:

MAURER ▲ STUTZ, INC.
ENGINEERS SURVEYORS

RYAN M. BRADLE
062-055671
LICENSED PROFESSIONAL ENGINEER
OF
ILLINOIS

Ryan M. Bradle 4/2/2010
RYAN M. BRADLE, P.E. *062-055671 DATE
LICENSED PROFESSIONAL ENGINEER
LICENSE EXPIRES: 11/30/2011

MSI PROJECT NO.: 231-05005

CITY OF EAST PEORIA
DEPARTMENT OF PUBLIC WORKS

DATE OF APPROVAL 4-2-20 10

DIRECTOR OF PUBLIC WORKS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PASSED 4/7/20 10

DISTRICT ENGINEER OF LOCAL ROADS AND STREETS

RELEASED FOR BID BASED ON LIMITED REVIEW 4/7/2010

DEPUTY DIRECTOR OF HIGHWAYS, REGION THREE ENGINEER

MAURER ▲ STUTZ, INC. ENGINEERS SURVEYORS

CODE NUMBER		PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE: 70% FED 30% STATE (IL RT 8) J000-2A	70% FED 30% CITY (SUMMIT) I000-1A	70% FED 21% STATE 9% CITY (DRAINAGE) I000-1A	70% FED 15% STATE 15% CITY (SIGNALS) Y031-1F	70% FED 15% STATE 15% CITY (SIDEWALK) SFTY 1-B
20100110		TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	1445		1445			
20100210		TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	262		262			
20200100		EARTH EXCAVATION	CU YD	25,740	3822	21,918			
20201200		REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1315		1315			
20400800		FURNISHED EXCAVATION	CU YD	19,760		19,760			
20800150		TRENCH BACKFILL	CU YD	8,125	681	1,703	5,741		
21101505		TOPSOIL EXCAVATION AND PLACEMENT	CU YD	4,910		4,910			
21101615		TOPSOIL FURNISH AND PLACE, 4"	SQ YD	4,637	4637				
25000110		SEEDING, CLASS 1A	ACRE	0.50		0.50			
25000210		SEEDING, CLASS 2A	ACRE	4.00	0.75	3.25			
25000300		SEEDING, CLASS 3	ACRE	1.25		1.25			
25000400		NITROGEN FERTILIZER NUTRIENT	POUND	530	80	450			
25000500		PHOSPHORUS FERTILIZER NUTRIENT	POUND	530	80	450			
25000600		POTASSIUM FERTILIZER NUTRIENT	POUND	530	80	450			
25100115		MULCH, METHOD 2	ACRE	5.75	0.75	5.00			
25100630		EROSION CONTROL BLANKET	SQ YD	6,204		6204			
25200110		SODDING, SALT TOLERANT	SQ YD	1,065	1065				
25200200		SUPPLEMENTAL WATERING	UNITS	21.3	21.3				
28000250		TEMPORARY EROSION CONTROL SEEDING	POUND	1596	96	1500			
28000305		TEMPORARY DITCH CHECKS	FOOT	98	48	50			
28000400		PERIMETER EROSION BARRIER	FOOT	4585	351	4234			
28000500		INLET AND PIPE PROTECTION	EACH	55	24	31			
28100107		STONE RIPRAP CLASS A4	SQ YD	25	25				
28100109		STONE RIPRAP, CLASS A5	SQ YD	126		71	55		
28100725		STONE DUMPED RIPRAP, CLASS B3	SQ YD	24		24			
28200200		FILTER FABRIC	SQ YD	175	25	95	55		
31100910		SUB BASE GRANULAR MATERIAL, TYPE A 12"	SQ YD	8380	8380				
31101200		SUB BASE GRANULAR MATERIAL, TYPE B, 4"	SQ YD	323	323				
35100100		AGGREGATE BASE COURSE, TYPE A	TON	11024		11024			
35101400		AGGREGATE BASE COURSE, TYPE B	TON	472		472			
35400400		PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 9"	SQ YD	90		90			
35501308		HOT - MIX ASPHALT BASE COURSE, 6"	SQ YD	435	435				
35501316		HOT - MIX ASPHALT BASE COURSE, 8"	SQ YD	308	308				
40201000		AGGREGATE FOR TEMPORARY ACCESS	TON	559	111	448			
40600115		POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	GALLON	6777	177	6600			
40600300		AGGREGATE (PRIME COAT)	TON	6.9	3.7	3.2			
40600825		POLYMERIZED LEVELING BINDER (MACHINE METHOD), N50	TON	115		115			
40600982		HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	269	187	82			
40600990		TEMPORARY RAMP	SQ YD	67	53	14			
40603080		HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	2655		2655			
40603230		POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	1664		1664			

* SPECIALTY ITEM

FILE NAME = $FILEL$

PLOT SCALE = $SCALE$	DESIGNED - RAW	REVISED -	
PLOT DATE = $DATE$	DRAWN - RAW	REVISED -	
PLOT TIME = $TIME$	CHECKED -	REVISED -	
	DATE -	REVISED -	

MAURER ▲ STUTZ, INC. ENGINEERS SURVEYORS

SUMMARY OF QUANTITIES

SCALE: | SHEET NO. 1 OF 6 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	2
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE: 70% FED 30% STATE (IL RT 8) J000-2A	70% FED 30% CITY (SUMMIT) J000-1A	70% FED 21% STATE 9% CITY (DRAINAGE) J000-1A	70% FED 15% STATE 15% CITY (SIGNALS) Y031-1F	70% FED 15% STATE 15% CITY (SIDEWALK) SFTY 1-B
40603535	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	1589		1589			
40603560	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N50	TON	138	138				
40800050	INCIDENTAL HOT - MIX ASPHALT SURFACING	TON	37	37				
42000501	PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED)	SQ YD	7792	7792				
42001300	PROTECTIVE COAT	SQ YD	7792	7792				
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	425		425			
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	1148	486	662			
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	6536		845			5,691
42400300	PORTLAND CEMENT CONCRETE SIDEWALK, 6 INCH	SQ FT	74	74				
42400420	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH, SPECIAL	SQ FT	3524		307			3,217
42400440	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH, SPECIAL	SQ FT	626					626
42400800	DETECTABLE WARNINGS	SQ FT	116	116				
44000100	PAVEMENT REMOVAL	SQ YD	7,059	5,071	1988			
44000198	HOT - MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	1,139	1,139				
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	3,000	2,038	962			
44000300	CURB REMOVAL	FOOT	349	199	150			
44000500	COMBINATION CURB & GUTTER REMOVAL	FOOT	313	313				
44004000	PAVED DITCH REMOVAL	FOOT	22	22				
50104400	CONCRETE HEADWALL REMOVAL	EACH	4	2	2			
50105220	PIPE CULVERT REMOVAL	FOOT	1,547	888	659			
50800105	REINFORCEMENT BARS	POUND	36,200		36200			
50901760	PIPE HANDRAIL	FOOT	100	100				
54003000	CONCRETE BOX CULVERTS	CU YD	198.4		198.4			
542A1087	PIPE CULVERTS, CLASS A, TYPE 2 42"	FOOT	111		111			
542A4057	PIPE CULVERTS, CLASS A, TYPE 6 72"	FOOT	304			304		
542A4663	PIPE CULVERTS, CLASS A, TYPE 7 48"	FOOT	74			74		
542D0220	PIPE CULVERT, CLASS D, TYPE 1 15"	FOOT	143	143				
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	4	1	3			
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	2	2				
54213687	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 42"	EACH	4		4			
54215448	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 48"	EACH	1		1			
54215472	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 72"	EACH	1		1			
54215550	METAL END SECTIONS 15"	EACH	4	4				
54248500	CONCRETE HEADWALLS	CU YD	16.9			16.9		
550A0050	STORM SEWERS, CLASS A, TYPE 1, 12"	FOOT	813	13	800			
550A0070	STORM SEWERS, CLASS A, TYPE 1, 15"	FOOT	107	107				
550A0360	STORM SEWERS, CLASS A, TYPE 2, 15"	FOOT	216		216			
550A0380	STORM SEWERS, CLASS A, TYPE 2, 18"	FOOT	168	168				
550A0410	STORM SEWERS, CLASS A, TYPE 2, 24"	FOOT	62			62		

* SPECIALTY ITEM

FILE NAME = $FILEL$

PLOT SCALE = $SCALE$ | DESIGNED - RAW | REVISED -
PLOT DATE = $DATE$ | DRAWN - RAW | REVISED -
PLOT TIME = $TIME$ | CHECKED - | REVISED -
DATE - | REVISED -

MAURER ▲ STUTZ, INC. ENGINEERS SURVEYORS

SUMMARY OF QUANTITIES

SCALE: | SHEET NO. 2 OF 6 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	3
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CODE NUMBER		PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE: 70% FED 30% STATE (IL RT 8) J000-2A	70% FED 30% CITY (SUMMIT) I000-1A	70% FED 21% STATE 9% CITY (DRAINAGE) I000-1A	70% FED 15% STATE 15% CITY (SIGNALS) Y031-1F	70% FED 15% STATE 15% CITY (SIDEWALK) SFTY 1-B
550A0820		STORM SEWERS, CLASS A, TYPE 3, 72"	FOOT	1280			1280		
55100500		STORM SEWER REMOVAL 12"	FOOT	17	17				
55100700		STORM SEWER REMOVAL 15"	FOOT	128	128				
55100900		STORM SEWER REMOVAL 18"	FOOT	143	143				
55101400		STORM SEWER REMOVAL 30"	FOOT	80	80				
56109210		WATER VALVES TO BE ADJUSTED	EACH	5	5				
56400100	*	FIRE HYDRANTS TO BE MOVED	EACH	1	1				
60100060		CONCRETE HEADWALL FOR PIPE DRAINS	EACH	4		4			
60107600		PIPE UNDERDRAINS 4"	FOOT	1100		1100			
60107800		PIPE UNDERDRAINS 8"	FOOT	56		56			
60221100		MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1				
60223800		MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2				
60235800		INLETS, TYPE A, TYPE 4 FRAME AND GRATE	EACH	3	1	2			
60236200		INLETS, TYPE A, TYPE 8 FRAME AND GRATE	EACH	1	1				
60236600		INLETS, TYPE A, TYPE 9 FRAME AND GRATE	EACH	2		2			
60241800		INLETS, TYPE G-1	EACH	6	6				
60241900		INLETS, TYPE G-1, SPECIAL	EACH	8		8			
60247900		JUNCTION CHAMBER, SPECIAL	EACH	1			1		
60255500		MANHOLES TO BE ADJUSTED	EACH	3	2	1			
60500040		REMOVING MANHOLES	EACH	2	2				
60500060		REMOVING INLETS	EACH	6	2	4			
60600605		CONCRETE CURB, TYPE B	FOOT	53.0	25.0	28.0			
60602800		CONCRETE GUTTER, TYPE B	FOOT	256.8	121.8	135.0			
60603800		COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.12	FOOT	232.0	232.0				
60605000		COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	10678.5	1773.0	8905.5			
60622800		CONCRETE MEDIAN, TYPE SM - 6.12	SQ FT	111	111				
66410300		CHAIN LINK FENCE REMOVAL	FOOT	262		262			
66700205		PERMANENT SURVEY MARKERS, TYPE I	EACH	3	3				
67000500		ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	12		12			
67100100		MOBILIZATION	L SUM	1		1			
70100460		TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1				
70100500		TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1		1			
70102620		TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1		1			
70102622		TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	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				

* SPECIALTY ITEM

FILE NAME = $FILEL$	PLOT SCALE = $SCALE$	DESIGNED - RAW	REVISED -
	PLOT DATE = $DATE$	DRAWN - RAW	REVISED -
	PLOT TIME = $TIME$	CHECKED -	REVISED -
		DATE -	REVISED -

MAURER ▲ STUTZ, INC. ENGINEERS SURVEYORS

SUMMARY OF QUANTITIES

SCALE: | SHEET NO. 3 OF 6 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	4
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CODE NUMBER		PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE: 70% FED 30% STATE (IL RT 8) J000-2A	70% FED 30% CITY (SUMMIT) I000-1A	70% FED 21% STATE 9% CITY (DRAINAGE) I000-1A	70% FED 15% STATE 15% CITY (SIGNALS) Y031-1F	70% FED 15% STATE 15% CITY (SIDEWALK) SFTY 1-B
70103816		TRAFFIC CONTROL SURVEILLANCE	CAL MO	20		20			
70106800		CHANGEABLE MESSAGE SIGN	CAL MO	80	80				
70300100		SHORT-TERM PAVEMENT MARKING	FOOT	240	240				
70300210		TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	194	194				
70300220		TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	13,202	13,202				
70300250		TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	833	833				
70300260		TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	170	170				
70300280		TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	230	230				
70301000		WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	5780	5780				
72000200	*	SIGN PANEL - TYPE 2	SQ FT	52	52				
78000100	*	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	9		9			
78000200	*	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	10,666		10,666			
78000500	*	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	145		145			
78000600	*	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	342		342			
78001100	*	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	35	35				
78001110	*	PAINT PAVEMENT MARKING - LINE 4"	FOOT	1538	1538				
78001140	*	PAINT PAVEMENT MARKING - LINE 8"	FOOT	318	318				
78001150	*	PAINT PAVEMENT MARKING - LINE 12"	FOOT	393	393				
78003130	*	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"	FOOT	360	360				
78005100	*	EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	165	165				
78005110	*	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	3594	3594				
78005140	*	EPOXY PAVEMENT MARKING - LINE 8"	FOOT	1829	1829				
78005150	*	EPOXY PAVEMENT MARKING - LINE 12"	FOOT	90	90				
78005180	*	EPOXY PAVEMENT MARKING - LINE 24"	FOOT	168	168				
78100100	*	RAISED REFLECTIVE PAVEMENT MARKER	EACH	103	103				
78300200	*	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	30	30				
80500200	*	SERVICE INSTALLATION, TYPE B	EACH	1				1	
81012600	*	CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	795				795	
81012800	*	CONDUIT IN TRENCH, 3" DIA., PVC	FOOT	277				277	
81012900	*	CONDUIT IN TRENCH, 3 1/2" DIA., PVC	FOOT	166				166	
81306500	*	REMOVE EXISTING JUNCTION BOX	EACH	3				3	
81400700	*	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	5				5	
81400720	*	DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1				1	
81702130	*	ELECTRIC CABLE IN CONDUIT, 600V, (XLP-TYPE USE) 1/C NO. 6	FOOT	935				935	
81900200	*	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	1238				1238	
82102400	*	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	4				4	
84400105	*	RELOCATE EXISTING LIGHTING UNIT	EACH	2				2	
85700205	*	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1				1	
87301245	*	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 5C	FOOT	1689				1689	

* SPECIALTY ITEM

FILE NAME = $FILE1$

PLOT SCALE = $SCALE$ | DESIGNED - RAW | REVISED -
PLOT DATE = $DATE$ | DRAWN - RAW | REVISED -
PLOT TIME = $TIME$ | CHECKED - | REVISED -
DATE - | REVISED -

MAURER ▲ STUTZ, INC. ENGINEERS SURVEYORS

SUMMARY OF QUANTITIES

SCALE: | SHEET NO. 4 OF 6 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	5
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CODE NUMBER		PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE: 70% FED 30% STATE (IL RT 8) J000-2A	70% FED 30% CITY (SUMMIT) I000-1A	70% FED 21% STATE 9% CITY (DRAINAGE) I000-1A	70% FED 15% STATE 15% CITY (SIGNALS) Y031-1F	70% FED 15% STATE 15% CITY (SIDEWALK) SFTY 1-B
87301255	*	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 7C	FOOT	2533				2533	
87301515	*	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 3 PAIR	FOOT	1770				1770	
87702990	*	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 54 FT.	EACH	1				1	
87703020	*	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 58 FT.	EACH	2				2	
87703030	*	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 60 FT.	EACH	1				1	
87800200	*	CONCRETE FOUNDATION, TYPE D	FOOT	3.5				3.5	
87800415	*	CONCRETE FOUNDATION, TYPE E, 36-INCH DIAMETER	FOOT	78				78	
88030020	*	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	8				8	
88030070	*	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	4				4	
88030080	*	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	4				4	
88102820	*	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2 FACE, 8"	EACH	4				4	
88200310	*	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	12				12	
88500100	*	INDUCTIVE LOOP DETECTOR	EACH	12				12	
88600100	*	DETECTOR LOOP, TYPE 1	FOOT	1649				1649	
88700200	*	LIGHT DETECTOR	EACH	2				2	
88700300	*	LIGHT DETECTOR AMPLIFIER	EACH	1				1	
88800100	*	PEDESTRIAN PUSH-BUTTON	EACH	8				8	
89000100	*	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1				1	
89502380	*	REMOVE EXISTING HANDHOLE	EACH	1				1	
89502382	*	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1				1	
89502385	*	REMOVE EXISTING CONCRETE FOUNDATION	EACH	1				1	
X0321556		SANITARY MANHOLES TO BE ADJUSTED	EACH	12	5	7			
X0322468		GAS VALVE TO BE ADJUSTED	EACH	1	1				
X0322869		REMOVE TIMBER RETAINING WALL	L SUM	1		1			
X0323381		STORM SEWERS, (WATER MAIN REQUIREMENTS) TYPE 1, 12"	FOOT	268		268			
X0323382		STORM SEWERS, (WATER MAIN REQUIREMENTS) TYPE 1, 15"	FOOT	83	83				
X0323383		STORM SEWERS, (WATER MAIN REQUIREMENTS) TYPE 1, 18"	FOOT	142	142				
X0323863		STORM SEWERS, (WATER MAIN REQUIREMENTS) TYPE 2, 12"	FOOT	75	75				
X0323889		STORM SEWERS, (WATER MAIN REQUIREMENTS) TYPE 2, 18"	FOOT	254	234	20			
X0324134	*	BATTERY BACKUP SYSTEM WITH CABINET	EACH	1				1	
X0696100		PARKING BLOCKS	EACH	15	15				
X0712400		TEMPORARY PAVEMENT	SQ YD	891	891				
X5510100		STORM SEWER REMOVAL	FOOT	335		335			
X6020065		INLETS, TYPE G-1, DOUBLE (SPECIAL)	EACH	5		5			
X6020080		INLETS, TYPE G-1, DOUBLE	EACH	3	3				
X6020088		MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1				
X6020098		MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1				
X7030074		GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	360	360				
X8730027	*	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	527				527	

* SPECIALTY ITEM

FILE NAME =	PLOT SCALE = $SCALE$	DESIGNED - RAW	REVISED -
	PLOT DATE = $DATE$	DRAWN - RAW	REVISED -
	PLOT TIME = $TIME$	CHECKED -	REVISED -
$FILEL$		DATE -	REVISED -

MAURER ▲ STUTZ, INC. ENGINEERS SURVEYORS

SUMMARY OF QUANTITIES

SCALE: | SHEET NO. 5 OF 6 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	6
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CODE NUMBER		PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE: 70% FED 30% STATE (IL RT 8) J000-2A	70% FED 30% CITY (SUMMIT) 1000-1A	70% FED 21% STATE 9% CITY (DRAINAGE) 1000-1A	70% FED 15% STATE 15% CITY (SIGNALS) Y031-1F	70% FED 15% STATE 15% CITY (SIDEWALK) SFTY 1-B
XX000321		INLET-MANHOLE, TYPE G-1, 5' DIAMETER, SPECIAL	EACH	2		2			
XX000856		MAILBOX REMOVAL AND RELOCATION	EACH	15		15			
XX005703	*	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, SPECIAL	L SUM	1				1	
XX006499		INLET-MANHOLE, TYPE G-1, 5' DIAMETER	EACH	2	2				
XX006642		STORM SEWERS, (WATER MAIN REQUIREMENTS) TYPE 2, 15"	FOOT	102	102				
XX006643		STORM SEWERS, (WATER MAIN REQUIREMENTS) TYPE 2, 24"	FOOT	201	142		59		
XX006644		STORM SEWERS, (WATER MAIN REQUIREMENTS) TYPE 2, 30"	FOOT	79	79				
XX185100		INLET-MANHOLE, TYPE G-1, 4' DIAMETER	EACH	2	2				
Z0013798		CONSTRUCTION LAYOUT	L SUM	1		1			
Z0041500		PLUG EXISTING CULVERTS	EACH	2	2				
Z0043750		PRECAST MODULAR BLOCK WALL	SQ FT	1103	1103				
Z0050900		REMOVE CONCRETE FOUNDATION	EACH	2	2				
XX008378		INLET-MANHOLE, TYPE G-1, 4' DIAMETER, DOUBLE, SPECIAL	EACH	1		1			
XX008379		INLET-MANHOLE, TYPE G-1, 6' DIAMETER	EACH	1	1				
XX008380		STOP SIGN, COMPLETE	EACH	4		4			
XX008381		INLET-MANHOLE, TYPE G-1, 9'-DIAMETER	EACH	1			1		
XX008382		INLET-MANHOLE, TYPE G-1, 9'-DIAMETER, SPECIAL	EACH	4			4		
XX008383		INLET-MANHOLE, TYPE G-1, 9' DIAMETER, DOUBLE	EACH	1			1		
△ Z0076600		TRAINEES	HOUR	500					

* SPECIALTY ITEM

△ Y080

FILE NAME = $FILEL$	PLOT SCALE = $SCALE$	DESIGNED - RAW	REVISED -
	PLOT DATE = $DATE$	DRAWN - RAW	REVISED -
	PLOT TIME = $TIME$	CHECKED -	REVISED -
		DATE -	REVISED -

MAURER ▲ STUTZ, INC.
ENGINEERS SURVEYORS

SUMMARY OF QUANTITIES

SCALE: | SHEET NO. 6 OF 6 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	7
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

GENERAL NOTES

ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE REMOVED AND DISPOSED OF OFF THE CONSTRUCTION SITE 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 EARTH EXCAVATION, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.26 OF THE STANDARD SPECIFICATIONS. THE J.U.L.I.E. NUMBER IS (800)892-0123. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED.

ANY TRENCH 5' OR LESS FROM EXISTING UTILITY POLES (MEASURED FROM CENTERLINE OF TRENCH TO CENTERLINE OF POLE) SHALL BE BACKFILLED WITH FLOWABLE BACKFILL THE ENTIRE DEPTH OF THE TRENCH FOR A DISTANCE OF TWO FEET ON EACH SIDE OF THE POLE. THE CONTRACTOR SHALL ENSURE THAT THE STABILITY OF ALL UTILITY POLES IS NOT IMPAIRED AS A RESULT OF CONSTRUCTION OF THE PROPOSED SEWER. ALL WORK SHALL BE COORDINATED WITH THE APPROPRIATE UTILITY, AND THE COST SHALL BE INCLUDED IN THE COST OF TRENCH BACKFILL.

IF STORM SEWER PIPING IS LOCATED WITHIN 10' OF THE OUTSIDE WALL OF A WATER MAIN, THE STORM SEWER SHALL BE WATER MAIN QUALITY PIPE.

ALL SEEDED AREAS DISTURBED DURING CONSTRUCTION SHALL BE RESEEDED IN ACCORDANCE WITH CLASS 1A OR CLASS 2A IDOT SPECIFICATIONS AS SHOWN IN THE SCHEDULE OF QUANTITIES AND ON THE PLAN SHEETS, EXCEPT AREAS WITH A SLOPE STEEPER THAN 1:3, IN WHICH CASE CLASS 3 SHALL BE PLACED. TEMPORARY SEEDING SHALL BE PLACED ON ALL DISTURBED AREAS THROUGHOUT CONSTRUCTION.

EROSION CONTROL BLANKET SHALL BE PLACED ON ALL SLOPES STEEPER THAN 1:3.

CONTRACTOR SHALL EXCAVATE AND PLACE TOPSOIL ON THE TOP 4" OF ALL DISTURBED EARTH AREAS PRIOR TO SEEDING.

CONTRACTOR SHALL USE THERMOPLASTIC PAVEMENT MARKINGS ON BITUMINOUS PAVEMENT, AND EPOXY PAVEMENT MARKINGS ON CONCRETE PAVEMENT. ALL 6" WHITE SKIP-DASH SHALL BE PREFORMED PLASTIC. REFER TO IDOT STANDARD 780001-02 FOR PAVEMENT MARKING DETAILS.

A SHRINKAGE FACTOR OF 25% WAS USED IN THE EARTHWORK CALCULATIONS.

MICROSTATION AND GEOPAK FILES OF THIS PROJECT WILL BE MADE AVAILABLE TO THE CONTRACTOR. IF THERE IS A CONFLICT BETWEEN THE ELECTRONIC FILES AND THE PRINTED CONTRACT PLANS AND DOCUMENTS, THE PRINTED CONTRACT PLANS AND DOCUMENTS SHALL TAKE PRECEDENCE OVER THE ELECTRONIC FILES. THE CONTRACTOR SHALL ACCEPT ALL RISK ASSOCIATED WITH USING THE ELECTRONIC FILES AND SHALL HOLD THE OWNER HARMLESS FOR ANY ERRORS OR OMISSIONS IN THE ELECTRONIC FILES AND THE DATA CONTAINED THEREIN. ERRORS OR DELAYS RESULTING FROM THE USE OF THE ELECTRONIC FILES BY THE CONTRACTOR SHALL NOT RESULT IN AN EXTENSION OF TIME FOR ANY INTERIM OR FINAL COMPLETION DATE OR SHALL NOT BE CONSIDERED CAUSE FOR ADDITIONAL COMPENSATION. THE CONTRACTOR SHALL NOT USE, SHARE, OR DISTRIBUTE THESE ELECTRONIC FILES EXCEPT FOR THE PURPOSE OF CONSTRUCTING THIS CONTRACT. ANY CLAIMS BY THIRD PARTIES DUE TO USE OR ERRORS SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL INCLUDE THIS DISCLAIMER WITH THE TRANSFER OF THESE ELECTRONIC FILES TO ANY OTHER PARTIES AND SHALL INCLUDE APPROPRIATE LANGUAGE BINDING THEM TO SIMILAR RESPONSIBILITIES.

TREE REMOVAL MAY BE NECESSARY PRIOR TO UTILITY COMPANIES BEING ABLE TO RELOCATE THEIR FACILITIES OUTSIDE THE CONSTRUCTION LIMITS. THE CONTRACTOR SHOULD COORDINATE ANY CONTRACT TREE REMOVAL ACTIVITIES WITH THE UTILITY COMPANIES TO ELIMINATE CONFLICTS AND POTENTIAL DELAYS CAUSED BY UTILITY TREE REMOVAL ACTIVITIES OR INCOMPLETE UTILITY RELOCATIONS.

THE ENGINEER SHOULD BE CONTACTED AND PRIOR APPROVAL OBTAINED FOR ANY TREE REMOVAL BEYOND THE LIMITS/LOCATIONS INCLUDED IN THE PLANS.

ANY PROTRUDING METAL BARS SHALL BE REMOVED PRIOR TO THE DISPOSAL OF BROKEN CONCRETE AT APPROVED DISPOSAL SITES.

SOME AGGREGATE COMPOSITIONS PRODUCE INCONSISTENT RESULTS WHEN BURNED IN THE IGNITION OVEN. THE ENGINEER WILL DETERMINE WHETHER THE IGNITION OVEN OR AC NUCLEAR GAUGE WILL BE REQUIRED AFTER THE AGGREGATE SOURCES HAVE BEEN IDENTIFIED.

CONTINUOUS PAVING OPERATIONS ON THE MAIN ROADWAY SHALL BE MAINTAINED AT ALL TIMES DURING THE CONSTRUCTION OF THE BITUMINOUS SURFACE. NO INTERRUPTIONS FOR SIDE ROADS, ENTRANCES, TURN LANES, ETC. WILL BE ALLOWED.

A TYPE "B" FINAL FINISH, OBTAINED IN ACCORDANCE WITH ARTICLE 420.09(E)(2) OF THE STANDARD SPECIFICATIONS, SHALL BE PROVIDED FOR THE PORTLAND CEMENT CONCRETE PAVEMENT.

ANY MAINTENANCE OF THE EXISTING SIGNALS SHALL BE CONSIDERED AS EXTRA WORK IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

FAP 399 (IL ROUTE 8)

	MAINLINE•, SIDEROADS & TEMP. PAVEMENT	DRIVEWAYS	BASE COURSE
MIXTURE USE(S)	HMA SURFACE COURSE	INCIDENTAL HMA SURFACING	DRIVEWAYS & TEMP. PAVEMENT (BOTTOM LIFT)
AC/PG	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)••	15%	15%	25%
DESIGN AIR VOIDS	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50
MIX COMPOSITION	IL 9.5 or IL 12.5	IL 9.5 or IL 12.5	IL 19.0
FRICTION AGG.	MIXTURE E	MIXTURE C	N/A

• MAINLINE PAVEMENT REFERS TO PAVEMENT EAST OF THE INTERSECTION, AND WILL BE REMOVED AND REPLACED DURING THE NEXT PHASE OF THE IL ROUTE 8 PROJECT, SO MIXTURE D WILL BE ALLOWED.
•• IF THE RAP OPTION IS SELECTED, THE ASPHALT CEMENT GRADE MAY NEED TO BE ADJUSTED; THIS WILL BE DETERMINED BY THE ENGINEER.

NORTH SUMMIT DRIVE

	HMA SURFACE COURSE	HMA BINDER COURSE (TOP LIFT)	HMA BINDER COURSE (LOWER LIFTS)
AC/PG	POLYMER SBS or SBR PG 64-28	POLYMER SBS or SBR PG 64-28	PG 64-22
RAP % (MAX)	10% MAX	10% MAX	25% MAX
DESIGN AIR VOIDS	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50
MIX COMPOSITION	IL 9.5 or IL 12.5	IL 19.0	IL 19.0
FRICTION AGG.	MIX D	N/A	N/A

SOUTH SUMMIT DRIVE

	HMA SURFACE COURSE	HMA BINDER COURSE
AC/PG	POLYMER SBS or SBR PG 64-28	POLYMER SBS or SBR PG 64-28
RAP % (MAX)	10% MAX	10% MAX
DESIGN AIR VOIDS	4.0% @ N=50	4.0% @ N=50
MIX COMPOSITION	IL 9.5 or IL 12.5	IL 19.0
FRICTION AGG.	MIX D	N/A

COMMITMENTS:

1. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO AVOID DAMAGING TWO MAPLE TREES ON THE PROPERTY LOCATED AT 301 NORTH SUMMIT DRIVE PER THE AGREEMENT BETWEEN THE CITY OF EAST PEORIA AND JAMES AND WANDA BONNETT.

2. THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF A PRIVACY FENCE ON THE PROPERTY LOCATED AT 505 LEXINGTON DRIVE PER THE AGREEMENT BETWEEN THE CITY OF EAST PEORIA AND DAVID AND CARYL JOHNSTON.

3. THE CONTRACTOR SHALL MAINTAIN ACCESS AT ALL TIMES TO ALL PUMPS ON THE FREEDOM OIL/SHELL STATION PROPERTY LOCATED AT 2302 WASHINGTON STREET (IL 8) PER THE AGREEMENT BETWEEN IDOT AND THE PROPERTY OWNER.

4. THE CONTRACTOR SHALL NOT UTILIZE THE PARKING LOT DESIGNATED FOR THE ICE CREAM SHAK OF SUNNYLAND LOCATED AT 2306 WASHINGTON STREET (IL 8) AT ANY TIME DURING CONSTRUCTION FOR PARKING OR EQUIPMENT STORAGE PER THE AGREEMENT BETWEEN IDOT AND THE PROPERTY OWNER.

5. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO PRESERVE THE PORTION OF CHAIN LINK FENCE (ROLL FENCE BACK INSTEAD OF CUT OUT) AT THE PROPERTY LOCATED AT 208 N SUMMIT DRIVE PER THE AGREEMENT BETWEEN IDOT AND JERIME L. AND JAMIE L. GENDRON.

6. THE CONTRACTOR SHALL MAINTAIN TRUCK/TRAILOR ACCESS AT ALL TIMES FOR THE NARROW DRIVEWAY LOCATED AT RT. STA. 18+38.50 ON NORTH SUMMIT DRIVE PER THE AGREEMENT BETWEEN IDOT AND JERIME L. AND JAMIE L. GENDRON.

7. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO PROTECT THE TREE LOCATED ON THE PROPERTY AT 302 NORTH SUMMIT DRIVE PER THE AGREEMENT BETWEEN IDOT AND JOHN AND PATRICIA KNIGHT. THE CONTRACTOR SHALL DIG A TRENCH FOUR FEET DEEP (OR REASONABLE TRENCH DEPTH) PARALLEL TO THE ROADWAY AT THE TREE DRIP LINE TO CUT TREE ROOTS PRIOR TO COMMENCMENT OF DRAIN PIPE INSTALLATION. IN ADDITION, THE CONTRACTOR SHALL INSTALL A TEMPORARY FENCE AT THE DRIP LINE TO PREVENT THE DISTURBANCE OF THE REMAINING ROOT SYSTEM.

CONTINUATION OF HIGHWAY STANDARDS FROM SHEET 1:

602601-02 PRECAST REINFORCED CONCRETE FLAT SLAB TOP
667101-01 PERMANENT SURVEY MARKERS
701306-02 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
701502-03 URBAN LANE CLOSURE, 2L, 2W, WITH BIRECTIONAL LEFT TURN LANE
781001-03 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

FILE NAME = $FILE$	PLOT SCALE = $SCALE$	DESIGNED - RMB	REVISED -
	PLOT DATE = $DATE$	DRAWN - RAW	REVISED -
	PLOT TIME = $TIME$	CHECKED -	REVISED -
		DATE -	REVISED -

MAURER ▲ STUTZ, INC. ENGINEERS SURVEYORS

GENERAL NOTES, COMMITMENTS

SCALE: | SHEET NO. 1 OF 2 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	8
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

GENERAL NOTES

UTILITIES - LOCATIONS / INFORMATION ON PLANS

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

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

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

PROPERTY OWNER ACCESS REQUIREMENTS

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

TEMPORARY MATERIAL REQUIREMENTS - UTILITY AND DRIVEWAY CROSSINGS

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

WINTER SHUTDOWN RESTRICTIONS ON COLD MILLED PROJECTS

Prior to winter shutdown the following steps shall be taken:

* All cold milled surfaces shall be overlaid.
* All lanes shall be reopened to traffic.
* Manholes, where applicable, shall be adjusted to the elevation of the binder course/leveling binder to ease in plowing snow, and re-adjusted to finished grade in the Spring. The initial mannhole adjustment will be paid for at the contract unit price and any re-adjustment, as directed by the Engineer, will be paid for in accordance with Article 109.04.
* Temporary or permanent pavement marking shall be placed as applicable.

ENVIRONMENTAL REVIEWS

Prior to the use of any proposed borrow areas, use areas (temporary access roads, detours, run-arounds, etc.) and/or waste areas, the Contractor shall file the required environmental resource request surveys according to Section 107.22 of the Standard Specifications. These surveys are required in order for the Department to conduct cultural and biological resourcesurveys for the proposed site.Prior to any waste materials being removed from the construction site the required environmental resource surveys will need to be obtained and filed by the Contractor. Excess waste products removed from the construction site shall be disposed of as required in Section 202.03 of the Standard Specifications. Any protruding metal bars shall be removed prior to the disposal of broken concrete at approved disposal sites. The required environmental resource documentation shall include the following:

* BDE Form 2289 (Environmental Survey Request)
* A location map showing the size limits and location of the use area
* Signed property owner agreement form-D4 PI0100
* Color photographs depicting the use area
* Borrow Area Entry Agreement form-D4 PI0101

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

PAVEMENT STATIONING NUMBERS & PLACEMENT

The Contractor shall provide labor and materials required to imprint pavement station numbers in the finished surface of the pavement and/or overlay. The numbers shall be approximately 3/4 inch(20mm) wide, 5 inches (125 mm) high and 5/8 inch (15 mm) deep.

The pavement station numbers shall be installed as specified herein:
Interval - 200 feet (English stationing) or 100 meters (metric stationing)
Bottom of Numbers - 6 inches (150 mm) from the inside edge of the pavement marking

Location:

* 2,3, & 5 Lane Pavements - right edge of pavement in direction of increasing stations
* Multi-Lane Divided Roadways - outside edge of pavement in both directions
* Ramps - along baseline edge of pavement

Position - stations shall be placed so they can be read from the adjacent shoulder
Format - English (Metric) pavement stations shall use this format "XXX (XX+X00)" where X represents the pavement station

This work will not be paid for separately, but will be considered included in the cost of the associated pavement and/or overlay pay items.

BUTT JOINT CUTTING TIME RESTRICTION

Butt joints shall not be milled more than three (3) days prior to placement of the bituminous surface course.

ORDERING LENGTH CONFIRMATION - DRAINAGE ITEMS

The Contractor shall consult with the Engineer in regard to the exact length of the box/pipe culverts, storm sewers, and/or pipe drains required prior to ordering these items.

EXISTING DRAINAGE PIPES CONNECTED TO NEW STRUCTURES

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

TRANSITION PAYMENT METHOD - NEW/OLD CONSTRUCTION

Three meter (10 ft.)(3m) transitions shall be used to match proposed items of work to existing items in the field unless otherwise shown. The transition shall be paid for at the contract unit price for the proposed item of work specified.

ENGINEERS FIELD OFFICE

Add the following sentence to the end of paragraph 670.02 (i) and 670.04 (e):
All of the telephone lines provided shall have unpublished numbers.

SIGNING

Sign locations may vary from the stations shown on the plans in accordance with directions from the Engineer at the time of construction. Sign locations may be adjusted in the field to avoid any found utilities.

All wood post locations shall be verified with the Bureau of Operations, Traffic Section, before installation.

AGGREGATE (SURFACE COURSE, SHOULDERS), TYPE B

Aggregate (Surface Course, Shoulders), Type B shall be required for all granular construction of side roads, entrances, and mailbox turnouts, whether or not portions of the surfaces thus constructed are to be covered with a bituminous surface, except where noted differently on the plans.

SOIL REPORT AVAILABILITY

All soils data collected and processed for the Soils Report made in conjunction with the design of this improvement is on file at the District Office where it is available for the inspection of Contractors or prospective bidders. By submitting a bid, the Contractor acknowledges that the Soils Report has been made available and is aware of the report contents and appendices.

JOB SPECIFIC NOTES

- Aggregate for temporary access shall be used during stage construction as directed by the Engineer. The contractor will be responsible for the maintaining of the access during stage construction. The removal of the aggregate will be included in the cost of the aggregate for temporary access pay item.

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			6775	04-00141-00-FP	TAZEWELL	187 / 9
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -					CONTRACT NO. 89352	
	PLOT DATE = $DATE$	DATE -	REVISED -		SCALE: SHEET NO. 2 OF 2 SHEETS STA. TO STA.	FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT	

STATUS OF UTILITIES

NORTH TAZEWELL WATER DISTRICT

ROUTE	STATION	OFFSET	UTILITY	CONFLICT	DISPOSITION
SOUTH SUMMIT	112+35.00	13.1' LT	WATER MAIN	STORM SEWER	CAUTION
SOUTH SUMMIT	113+89.04	14.3' LT	WATER MAIN	STORM SEWER	CAUTION
ROUTE 8	195+60.81	34.9' LT	WATER MAIN	STORM SEWER	CAUTION
ROUTE 8	195+63.88	48.7' RT	WATER MAIN	STORM MANHOLE	RELOCATE
ROUTE 8	195+99.27	47.7' RT	WATER MAIN	STORM MANHOLE	RELOCATE
ROUTE 8	196+23.36	47.7' RT	WATER MAIN	STORM SEWER	CAUTION
ROUTE 8	197+11.42	48.3' RT	WATER MAIN	STORM SEWER	CAUTION
ROUTE 8	200+03.87	39.2' RT	WATER MAIN	STORM SEWER	CAUTION
ROUTE 8	200+64.05	46.0' RT	WATER MAIN	STORM SEWER	CAUTION
NORTH SUMMIT	10+61.31	29.5' LT	WATER VALVE	CURB	RELOCATE
NORTH SUMMIT	10+78.97	11.8' LT	WATER MAIN	STORM SEWER	CAUTION
NORTH SUMMIT	11+76.74	28.2' LT	WATER VALVE	CURB	RELOCATE
NORTH SUMMIT	12+15.07	22.5' RT	WATER MAIN	STORM MANHOLE	CAUTION
NORTH SUMMIT	13+13.01	23.8' RT	WATER SERVICE	STORM SEWER	CAUTION
NORTH SUMMIT	15+99.97	9.4' LT	WATER MAIN	STORM SEWER	CAUTION
NORTH SUMMIT	16+39.49	13.6' RT	WATER SERVICE	STORM SEWER	CAUTION
NORTH SUMMIT	18+30.08	13.6' RT	WATER SERVICE	STORM SEWER	CAUTION
NORTH SUMMIT	18+41.69	23.3' LT	FIRE HYDRANT	GRADING	ADJUST
NORTH SUMMIT	20+41.41	8.9' LT	WATER MAIN	STORM SEWER	CAUTION
NORTH SUMMIT	21+06.34	13.0' RT	WATER SERVICE	STORM SEWER	CAUTION

NOTE: ALL OR PORTIONS OF WATER MAIN ON NORTH SUMMIT DRIVE MAY NEED ADJUSTMENT DUE TO LOWERING THE ROADWAY (MIN. COVER).

AMERENCILCO (ELECTRIC)

ROUTE	STATION	OFFSET	UTILITY	CONFLICT	DISPOSITION
SOUTH SUMMIT	109+91.55	21.6' RT	POWER POLE	CURB	RELOCATE
SOUTH SUMMIT	111+29.17	21.6' RT	POWER POLE	CURB	RELOCATE
SOUTH SUMMIT	112+66.09	22.2' RT	POWER POLE	PAVEMENT	RELOCATE
SOUTH SUMMIT	114+34.53	32.6' LT	POWER POLE	PAVEMENT	RELOCATE
SOUTH SUMMIT	114+44.13	49.1' RT	POWER POLE	PAVEMENT	RELOCATE
ROUTE 8	197+50.83	36.4' LT	UNDERGROUND DUCT	STORM SEWER	CAUTION
ROUTE 8	201+35.00	36.0' LT	UNDERGROUND DUCT	STORM MANHOLE	RELOCATE
NORTH SUMMIT	10+83.71	10.1' RT	UNDERGROUND DUCT	STORM SEWER	CAUTION
NORTH SUMMIT	11+92.20	30.4' RT	POWER POLE	SIDEWALK	RELOCATE
NORTH SUMMIT	12+57.99	24.7' LT	POWER POLE	CURB	RELOCATE
NORTH SUMMIT	13+72.13	17.3' LT	UNDERGROUND DUCT	CURB	CAUTION
NORTH SUMMIT	14+94 TO 15+13	12.1' RT TO 20.4' RT	UNDERGROUND DUCT	STORM SEWER	CAUTION
NORTH SUMMIT	15+03.53	16.2' RT	UNDERGROUND DUCT	STORM SEWER	CAUTION
NORTH SUMMIT	16+67.50	27.4' RT	POWER POLE	GRADING	CAUTION
NORTH SUMMIT	17+99.20	23.8' RT	POWER POLE	GRADING	CAUTION
NORTH SUMMIT	19+47.66	23.4' RT	POWER POLE	GRADING	CAUTION
NORTH SUMMIT	20+81.90	22.6' RT	POWER POLE	GRADING	RELOCATE
NORTH SUMMIT	21+90.85	22.9' RT	POWER POLE	GRADING	RELOCATE
NORTH SUMMIT	24+48.99	30.4' RT	POWER POLE	GRADING	RELOCATE
NORTH SUMMIT	27+39.83	38.9' RT	POWER POLE	GRADING	RELOCATE
NORTH SUMMIT	30+02.14	39.3' RT	POWER POLE	GRADING	CAUTION
NORTH SUMMIT	32+58.16	40.2' RT	POWER POLE	GRADING	CAUTION
NORTH SUMMIT	35+28.04	41.6' RT	POWER POLE	GRADING	RELOCATE
NORTH SUMMIT	37+99.08	40.1' RT	POWER POLE	GRADING	RELOCATE
NORTH SUMMIT	40+66.24	41.6' RT	POWER POLE	GRADING	RELOCATE
NORTH SUMMIT	46+08.31	38.7' RT	POWER POLE	GRADING	RELOCATE
NORTH SUMMIT	48+81.21	38.3' RT	POWER POLE	GRADING	RELOCATE
NORTH SUMMIT	51+47.22	21.5' LT	POWER POLE	GRADING	RELOCATE
NORTH SUMMIT	52+18.21	53.8' RT	POWER POLE	GRADING	CAUTION
NORTH SUMMIT	52+18.74	55.1' LT	POWER POLE	GRADING	CAUTION

AMERENCILCO (GAS)

ROUTE	STATION	OFFSET	UTILITY	CONFLICT	DISPOSITION
SOUTH SUMMIT	109+21 TO 112+00	20.0' RT	GAS MAIN	CURB	CAUTION
SOUTH SUMMIT	112+35.00	20.0' RT	GAS MAIN	STORM SEWER	CAUTION
SOUTH SUMMIT	113+95.89	20.0' RT	GAS MAIN	STORM SEWER	CAUTION
ROUTE 8	195+62.00	48.6' RT	GAS MAIN	STORM MANHOLE	RELOCATE
ROUTE 8	195+99.27	47.8' RT	GAS MAIN	STORM MANHOLE	RELOCATE
ROUTE 8	195+62 TO 196+35	48.6' RT TO 47.2' RT	GAS MAIN	STORM SEWER	RELOCATE
ROUTE 8	196+81 TO 197+63	56.3' RT TO 49.5' RT	GAS MAIN	STORM SEWER	CAUTION
ROUTE 8	199+22.39	28.0' RT	GAS MAIN	STORM SEWER	CAUTION
ROUTE 8	199+28.42	57.5' RT	GAS MAIN	STORM INLET	CAUTION
ROUTE 8	200+29.53	37.5' RT	GAS MAIN	STORM SEWER	CAUTION
ROUTE 8	200+50.24	36.2' RT	GAS MAIN	STORM SEWER	CAUTION
ROUTE 8	201+32.28	25.3' RT	GAS MAIN	STORM SEWER	CAUTION
NORTH SUMMIT	10+83.28	12.5' RT	GAS MAIN	STORM SEWER	CAUTION
NORTH SUMMIT	11+35.18	29.8' LT	GAS MAIN	STORM SEWER/CUR	CAUTION
NORTH SUMMIT	12+99.63	21.4' RT	GAS MAIN	STORM SEWER/CUR	CAUTION
NORTH SUMMIT	13+46 TO 15+69	16.6' RT TO 18.0' RT	GAS MAIN	STORM SEWER	RELOCATE
NORTH SUMMIT	13+75.57	17.1' LT	GAS MAIN	CURB	CAUTION
NORTH SUMMIT	16+00.00	17.9' RT	GAS MAIN	STORM MANHOLE	RELOCATE
NORTH SUMMIT	16+05.86	17.9' RT	GAS MAIN	PIPE UNDERDRAIN	RELOCATE
NORTH SUMMIT	17+76 TO 21+72	17.2' RT TO 15.6' RT	GAS MAIN	STORM SEWER	RELOCATE
NORTH SUMMIT	20+21.95	16.1' RT	GAS MAIN	PIPE UNDERDRAIN	RELOCATE
NORTH SUMMIT	20+25.00	16.1' RT	GAS MAIN	STORM MANHOLE	RELOCATE

VERIZON

ROUTE	STATION	OFFSET	UTILITY	CONFLICT	DISPOSITION
ROUTE 8	196+14.51	46.6' RT	UNDERGROUND TELE	STORM SEWER	CAUTION
ROUTE 8	196+18.64	47.1' RT	UNDERGROUND TELE	STORM SEWER	CAUTION
ROUTE 8	196+24.83	47.8' RT	UNDERGROUND TELE	STORM SEWER	CAUTION
ROUTE 8	198+45.46	42.5' RT	UNDERGROUND TELE	STORM SEWER	CAUTION
ROUTE 8	199+22.34	39.4' RT	UNDERGROUND TELE	STORM SEWER	CAUTION
ROUTE 8	199+38.42	42.2' RT	UNDERGROUND TELE MH	STORM SEWER	RELOCATE
ROUTE 8	199+43.38	43.5' RT	UNDERGROUND TELE	STORM SEWER	RELOCATE
ROUTE 8	200+56.06	64.4' RT	UNDERGROUND TELE	STORM INLET	RELOCATE
NORTH SUMMIT	10+75.69	27.0' LT	UNDERGROUND TELE	STORM SEWER/INLE	RELOCATE
NORTH SUMMIT	11+49.92	25.2' LT	UNDERGROUND TELE	STORM SEWER/INLE	RELOCATE
NORTH SUMMIT	12+59.94	24.7' LT	SPLICE BOX	PAVEMENT	RELOCATE

FILE NAME = $FILE$

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PLOT DATE = $DATE$	DRAWN - RAW	REVISED -	
PLOT TIME = $TIME$	CHECKED - RJA	REVISED -	
	DATE -	REVISED -	

MAURER ▲ STUTZ, INC. ENGINEERS SURVEYORS

SUMMIT DRIVE
STATUS OF UTILITIES

SCALE: | SHEET NO. 1 OF 2 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	10
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

STATUS OF UTILITIES

Comcast

Route	From Prop. Centerline Offset	Location	Type of Utility	Type of Conflict	Disposition
IL 8	52′ Lt.	195+40	Power Pole	Curb	Relocate
IL 8	52′ Lt.	196+45	Power Pole	Retaining Wall	Relocate
IL 8	52′ Lt.	197+90	Power Pole	Retaining Wall	Relocate

City of East Peoria

Route	From Prop. Centerline Offset	Location	Type of Utility	Type of Conflict	Disposition
IL 8	45′ Lt.	196+35	Sanitary Manhole	Curb	Relocate

AmerenCILCO (Gas)

Route	From Prop. Centerline Offset	Location	Type of Utility	Type of Conflict	Disposition
IL 8	38′ Rt.	195+50 to 196+50	10" Gas	Storm Sewer	Relocate

North Tazewell Public Water District

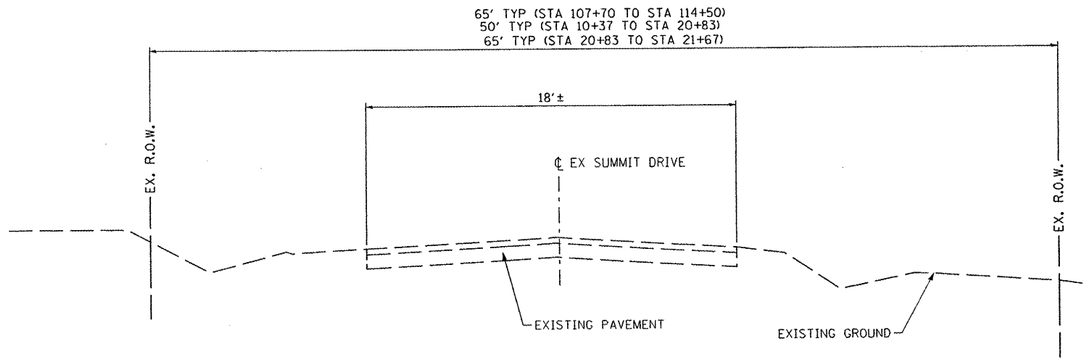
Route	From Prop. Centerline Offset	Location	Type of Utility	Type of Conflict	Disposition
IL 8	53′ Rt.	195+80 to 196+00	8" Water	Storm Sewer	Caution
IL 8	47′ Rt.	198+80 to 201+00	8" Water	Storm Sewer	Relocate
IL 8	35′ Lt.	199+80	Fire Hydrant	New Curb	Relocate

Verizon

Route	From Prop. Centerline Offset	Location	Type of Utility	Type of Conflict	Disposition
IL 8	45′ Rt. to 55′ Lt.	195+53	Underground Telephone	Roadway	Caution
IL 8	44′ Rt.	196+40 to 197+00	Underground Telephone	Roadway	Relocate
IL 8	66′ Rt.	196+10 to 196+70	Underground Telephone	Roadway	Relocate
IL 8	38′ to 42′ Rt.	197+49 to 198+10	Underground Telephone	Storm Sewer	Relocate
IL 8	36′ Lt.	197+40 to 201+00	Underground Telephone	Storm Sewer	Relocate

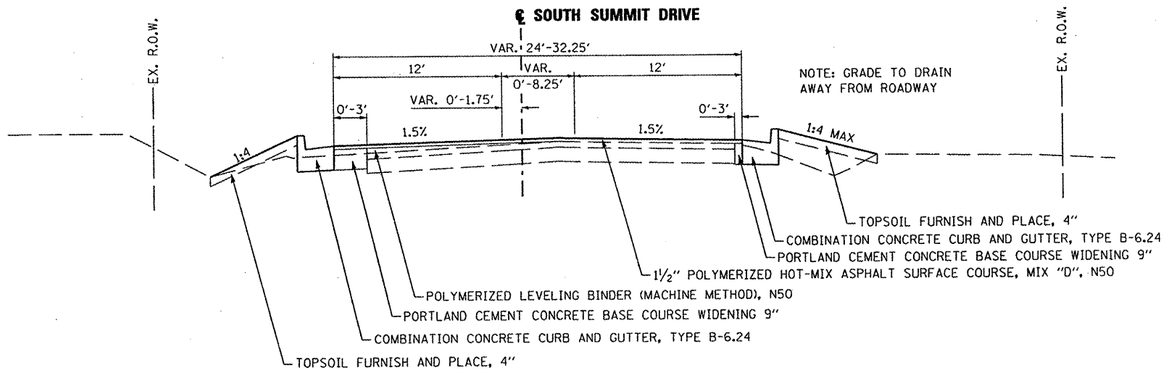
AmerenCILCO (Electric)

Route	From Prop. Centerline Offset	Location	Type of Utility	Type of Conflict	Disposition
IL 8	52′ Lt.	195+40	Power Pole	Curb	Relocate
IL 8	41′ Lt.	196+40 to 196+60	Underground 18" Electric Conduit	Retaining Wall / Storm Sewer	Caution
IL 8	52′ Lt.	196+45	Power Pole	Retaining Wall	Relocate
IL 8	52′ Lt.	197+90	Power Pole	Retaining Wall	Relocate



EXISTING TYPICAL SECTION
SOUTH SUMMIT DRIVE
STA. 107+95.44 TO STA. 115+04.58
NORTH SUMMIT DRIVE
STA 10+03.97 TO STA 21+66.46

NOTE: CORE AT STA. 109+00 INDICATES 2.5"
OF BIT. CONCRETE ON 6.5" OF SAND AND GRAVEL.



PROPOSED TYPICAL SECTION #1
SOUTH SUMMIT DRIVE
STA 107+95.44 TO STA. 110+00.79

STRUCTURAL PAVEMENT DESIGN DATA

SOUTH SUMMIT DRIVE

CLASSIFICATION OF ROADWAY: CLASS II
DESIGN PERIOD: 20 YEARS
STRUCTURAL DESIGN TRAFFIC YEAR: 2016
PV = 5348 **SU** = 177 **MU** = 5
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
PV = 100% **SU** = 100% **MU** = 100%
TRAFFIC FACTOR: 0.09
WIDENING (CONVENTIONAL FLEXIBLE PAVEMENT DESIGN):
SUBGRADE SUPPORT RATING (E_{SB}) = 3 ksi (ASSUMED)
MINIMUM STRUCTURAL DESIGN REQUIREMENTS:
HMA SURFACE COURSE 1½"
HMA BINDER COURSE 3¼"
GRANULAR BASE COURSE 8"

NORTH SUMMIT DRIVE

CLASSIFICATION OF ROADWAY: CLASS II
DESIGN PERIOD: 20 YEARS
STRUCTURAL DESIGN TRAFFIC YEAR: 2016
PV = 4416 **SU** = 49 **MU** = 5
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
PV = 100% **SU** = 100% **MU** = 100%
TRAFFIC FACTOR: 0.066
FULL-DEPTH PAVEMENT DESIGN
SUBGRADE SUPPORT RATING (E_{SB}) = 3 ksi (ASSUMED)
MINIMUM STRUCTURAL DESIGN REQUIREMENTS:
HMA SURFACE COURSE 2"
HMA BINDER COURSE 6"
GRANULAR BASE COURSE 12"

ILLINOIS ROUTE 8 (TRANSITION PAVEMENT)

CLASSIFICATION OF ROADWAY: CLASS I
DESIGN PERIOD: 20 YEARS
STRUCTURAL DESIGN TRAFFIC YEAR: 2016
PV = 15,116 **SU** = 279 **MU** = 124
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
PV = 100% **SU** = 100% **MU** = 100% (TRANSITION IS 2-LANE)
TRAFFIC FACTOR: 4.96
MODIFIED AASHTO DESIGN: CLASS I FACILITIES
SUBGRADE SUPPORT RATING IBR = 3 (ASSUMED)
MINIMUM STRUCTURAL DESIGN REQUIREMENTS:
HMA SURFACE COURSE 1½"
HMA BINDER COURSE 8½"
GRANULAR BASE COURSE 18"

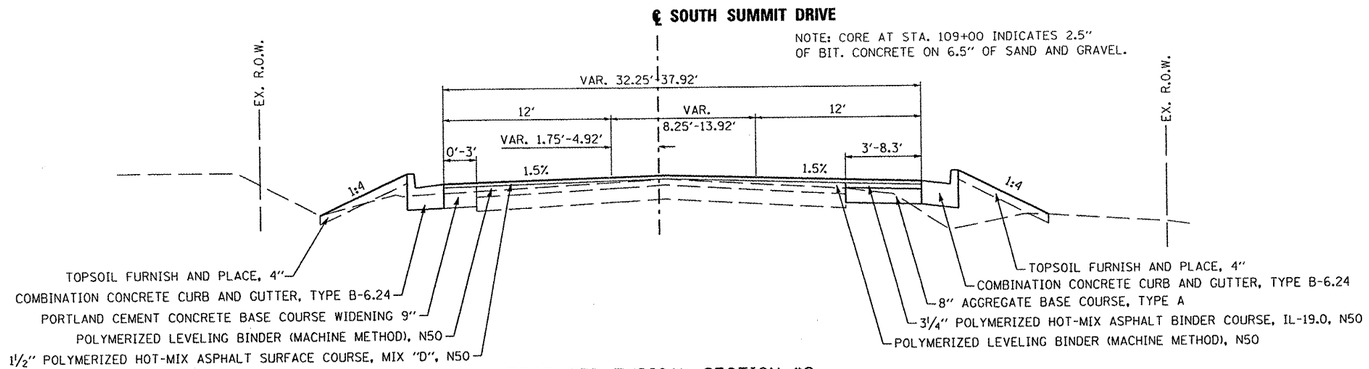
FILE NAME =	PLOT SCALE = $SCALE$	DESIGNED - -	REVISED -
	PLOT DATE = $DATE$	DRAWN - -	REVISED -
	PLOT TIME = $TIME$	CHECKED - -	REVISED -
$FILEL$		DATE -	REVISED -

MAURER ▲ STUTZ, INC.
ENGINEERS SURVEYORS

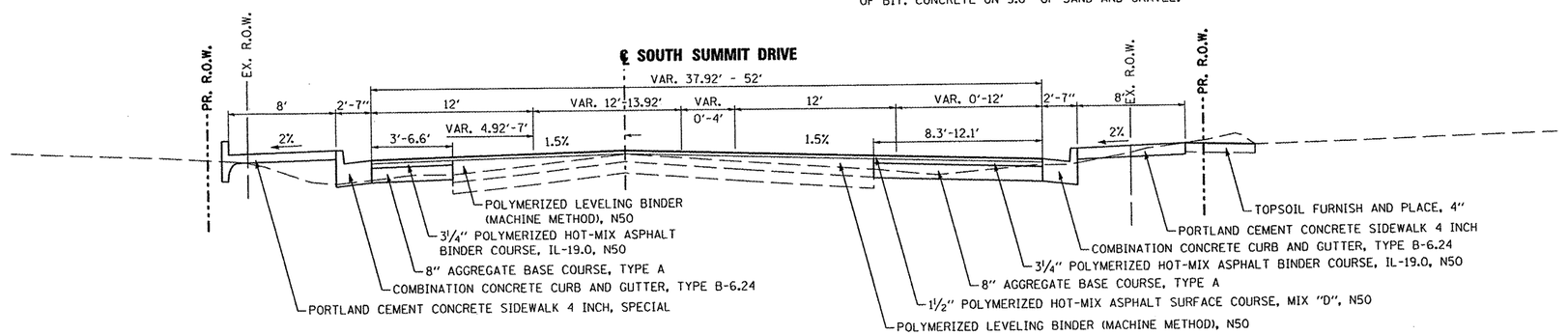
SUMMIT DRIVE
TYPICAL SECTIONS

N.T.S. | SHEET NO. 1 OF 6 SHEETS

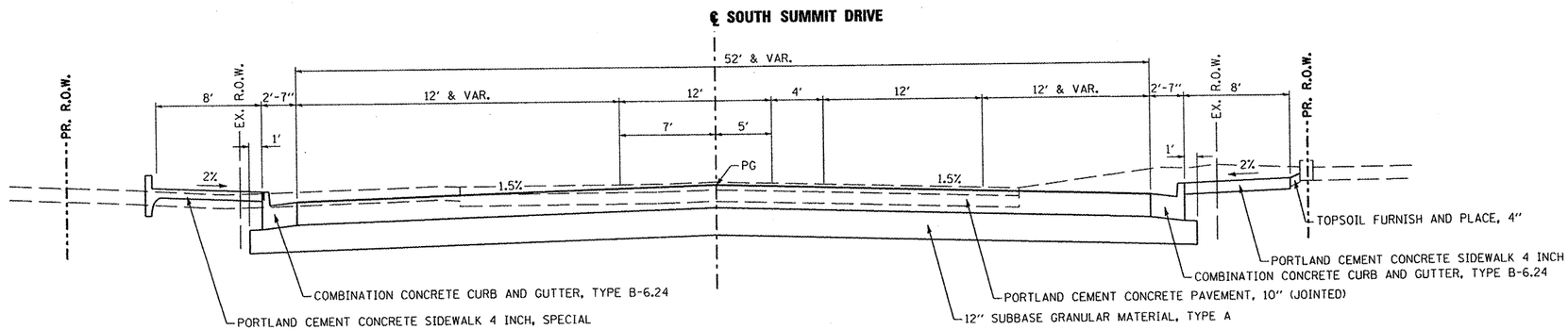
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	12
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PROPOSED TYPICAL SECTION #2
SOUTH SUMMIT DRIVE
STA. 110+00.79 TO STA 111+65.18



PROPOSED TYPICAL SECTION #3
SOUTH SUMMIT DRIVE
STA 111+65.18 TO STA 113+22.93



PROPOSED TYPICAL SECTION #4
SOUTH SUMMIT DRIVE
STA 113+22.93 TO STA 115+04.58

FILE NAME =	PLOT SCALE = $SCALE$	DESIGNED - -	REVISED -
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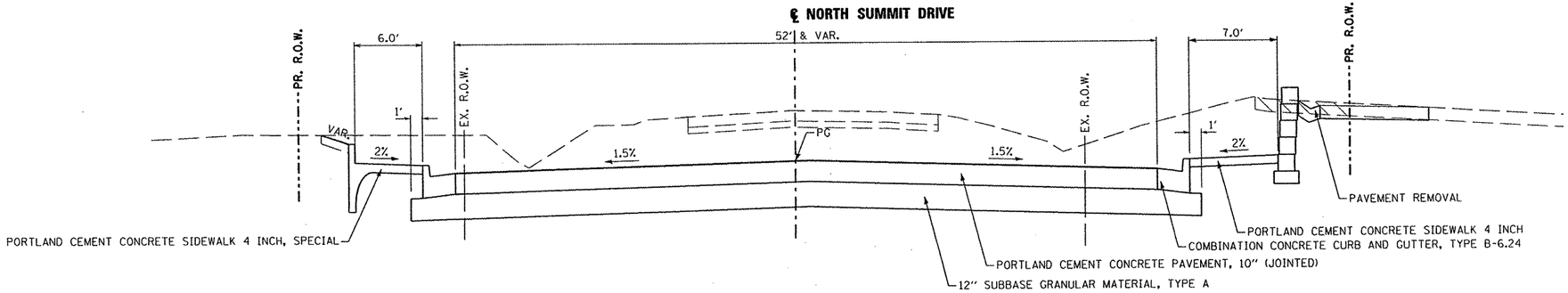
	PLOT TIME = $TIME$	CHECKED - -	REVISED -
$FILEL$		DATE -	REVISED -

MAURER ▲ STUTZ, INC.
ENGINEERS SURVEYORS

SUMMIT DRIVE
TYPICAL SECTIONS

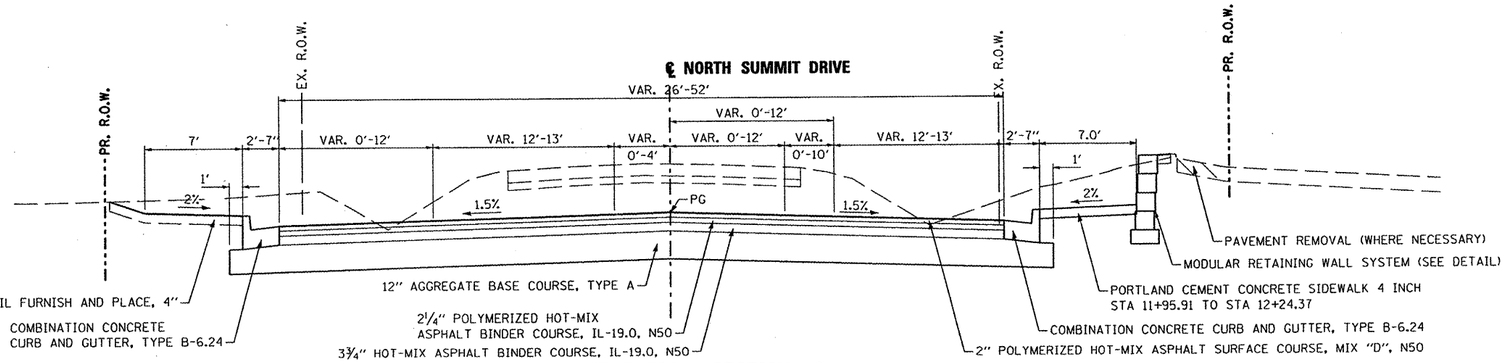
N.T.S. | SHEET NO. 2 OF 6 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	13
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PROPOSED TYPICAL SECTION #5
NORTH SUMMIT DRIVE
STA 10+03.97 TO STA 11+95.91

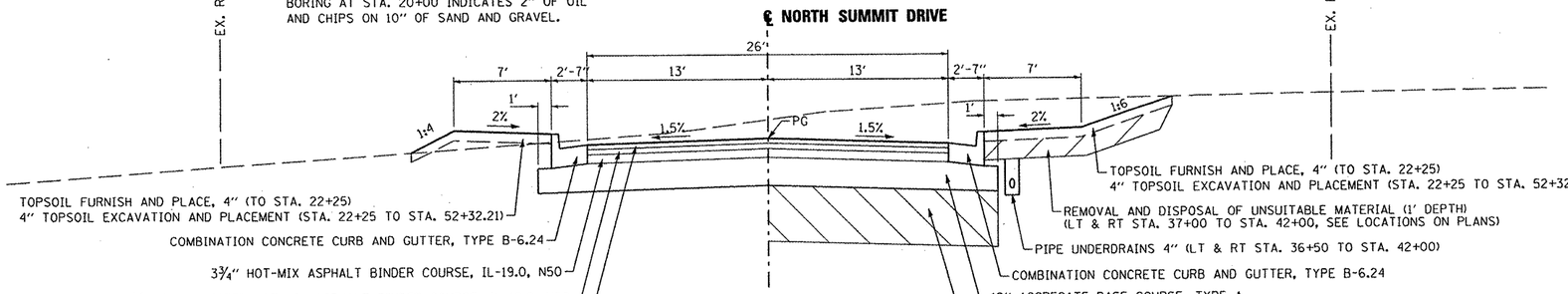
NOTE: BORING AT STA. 11+00 INDICATES 5"
OF BIT. CONCRETE ON 3" OF SAND AND GRAVEL.



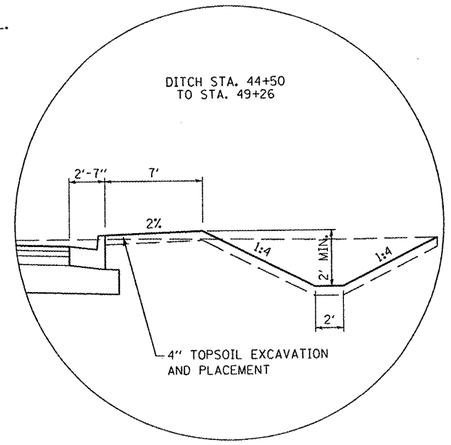
PROPOSED TYPICAL SECTION #6
NORTH SUMMIT DRIVE
STA 11+95.91 TO STA 15+65.00

NOTE: BORING AT STA. 14+00 INDICATES 7"
OF BIT. CONCRETE ON 2" OF SAND AND GRAVEL.

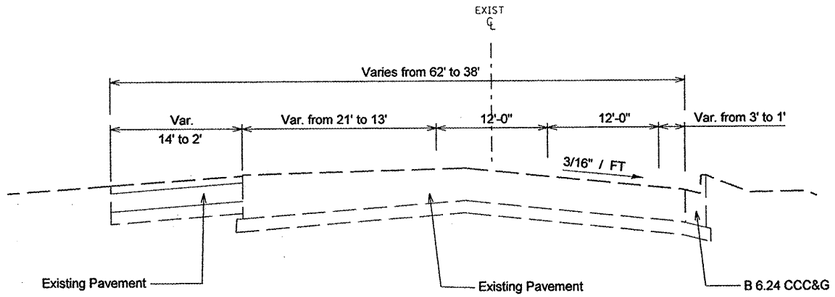
NOTE: BORING AT STA. 17+00 INDICATES 2"
OF OIL AND CHIPS ON 9" OF SAND AND GRAVEL.
BORING AT STA. 20+00 INDICATES 2" OF OIL
AND CHIPS ON 10" OF SAND AND GRAVEL.



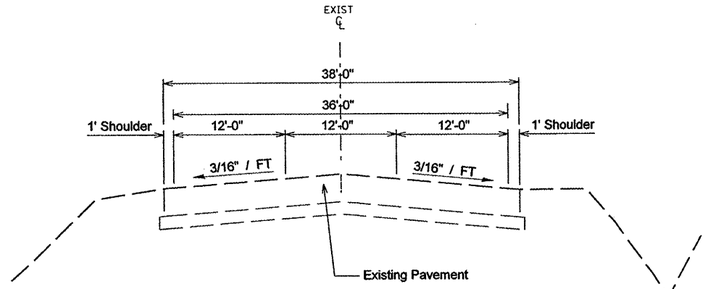
PROPOSED TYPICAL SECTION #7
NORTH SUMMIT DRIVE
STA 15+65.00 TO STA 52+32.21



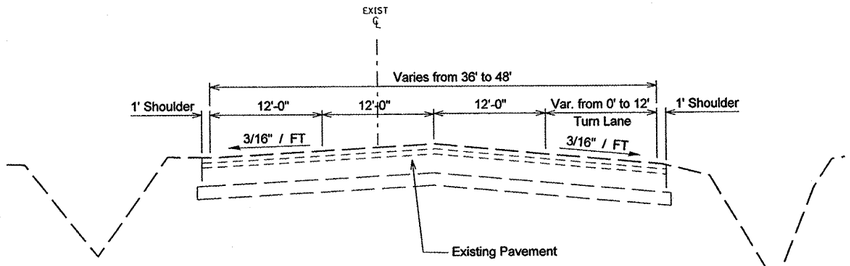
FILE NAME = $FILE$	PLOT SCALE = $SCALE$	DESIGNED - -	REVISED -	MAURER ▲ STUTZ, INC. ENGINEERS SURVEYORS	SUMMIT DRIVE TYPICAL SECTIONS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT DATE = $DATE$	DRAWN - -	REVISED -			6775	04-00141-00-FP	TAZEWELL	187	14
	PLOT TIME = $TIME$	CHECKED - -	REVISED -					CONTRACT NO. 89352		
		DATE -	REVISED -		N.T.S. SHEET NO. 3 OF 6 SHEETS	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



STA. 194+60 - 196+55



STA. 196+55 - 197+45
STA. 200+87 - 206+00
STA. 206+00 - 207+88
(3 ft Shoulder on Lt. Side)
STA. 207+88 - 209+78
(3 ft Shoulder on Both Sides)



STA. 197+45 - 199+59
STA. 199+59 - 200+87
(Summit & IL 8 intersection)

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ILLINOIS ROUTE 8 EXISTING TYPICAL SECTIONS	F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			6775	04-00141-00-FP	TAZEWELL	187	15
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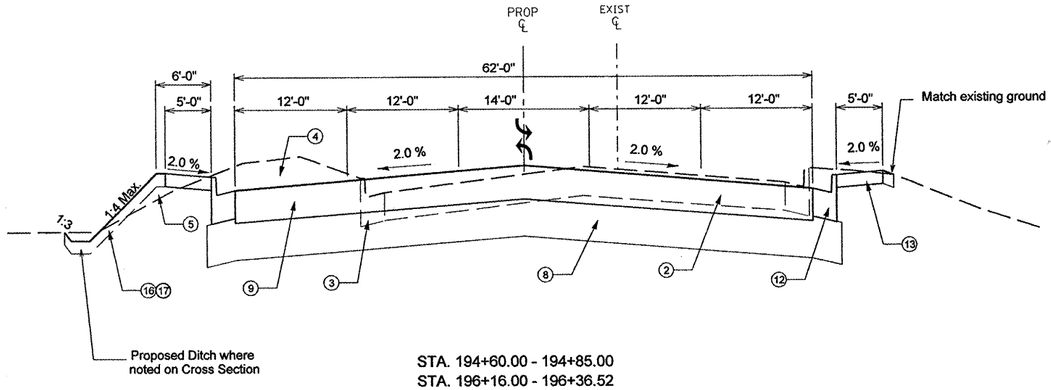
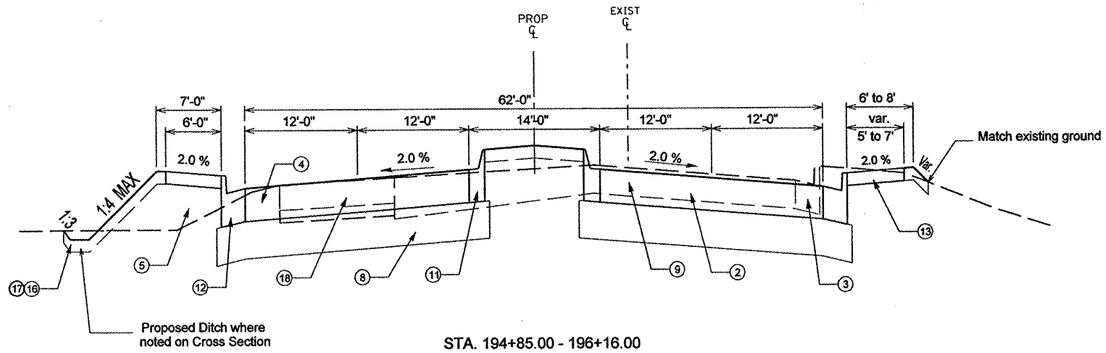
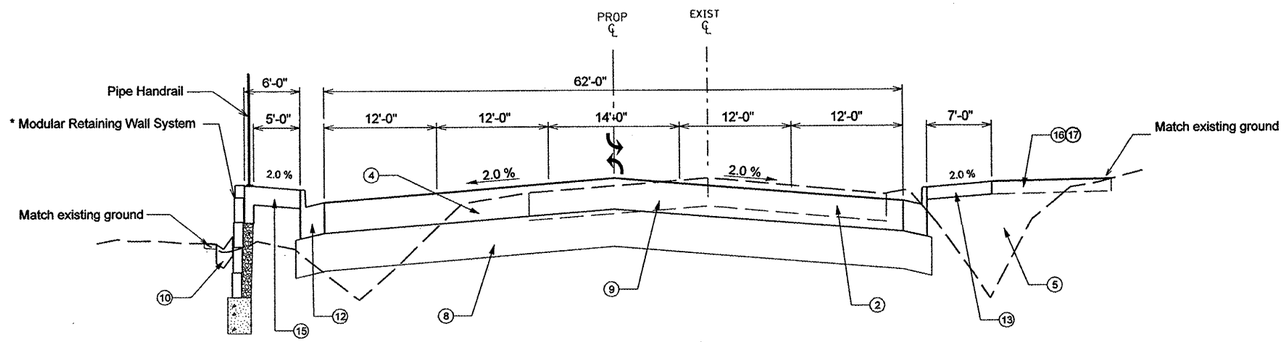


STA. 194+60.00 - 194+85.00
STA. 196+16.00 - 196+36.52
STA. 201+30.54 - 201+45.36



STA. 194+85.00 - 196+16.00



STA. 196+36.52 - 197+11.34
Note: Modular Retaining Wall from Lt. Sta. 196+36.52 to 197+93.46

LEGEND:

1. HOT-MIX ASPHALT SURFACE REMOVAL - VARIABLE DEPTH
2. PAVEMENT REMOVAL
3. COMBINATION CURB AND GUTTER REMOVAL
4. EXCAVATION
5. EMBANKMENT
6. EXISTING HOT-MIX ASPHALT SHOULDERS
7. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N50, 1½"
8. SUB-BASE GRANULAR MATERIAL, TYPE A 12"
9. PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
10. CONCRETE GUTTER, TYPE B
11. COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
12. COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
13. PORTLAND CEMENT CONCRETE SIDEWALK 4"
14. PORTLAND CEMENT CONCRETE SIDEWALK 4", SPECIAL
15. PORTLAND CEMENT CONCRETE SIDEWALK 6", SPECIAL
16. TOPSOIL FURNISH & PLACE, 4"
17. SODDING SALT TOLERANT OR SEEDING, CLASS 2A
18. TEMPORARY PAVEMENT
19. AGGREGATE SHOULDER, TYPE B (WEDGE)

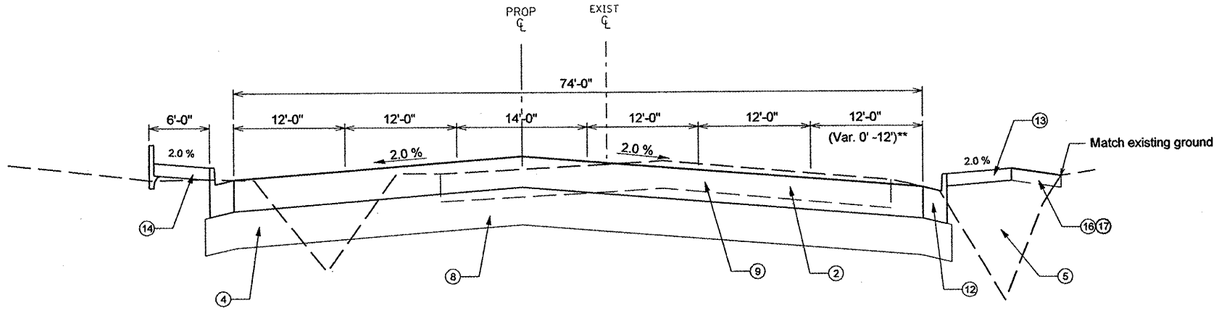
FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
	PLOT DATE = $DATE$	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

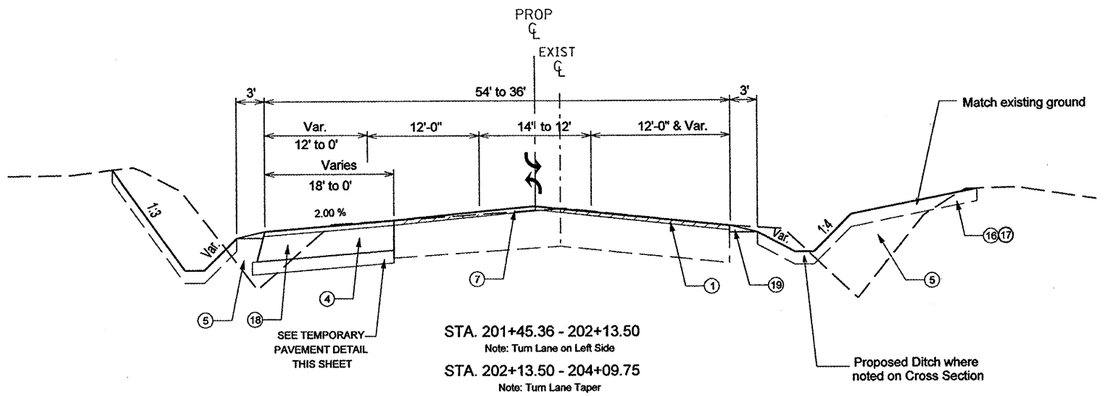
ILLINOIS ROUTE 8
PROPOSED TYPICAL SECTIONS

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

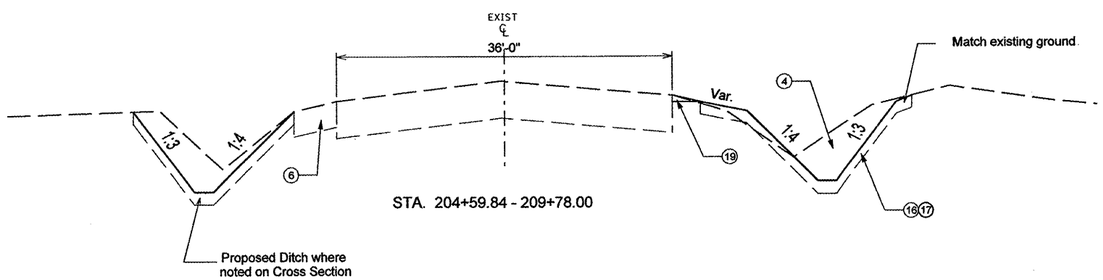
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	16
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



STA. 197+11.34 - 198+07.43 **
STA. 198+07.43 - 199+28.87
STA. 199+28.87 - 201+45.36
Note: Turn Lane on Left Side



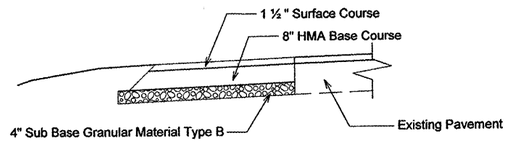
STA. 201+45.36 - 202+13.50
Note: Turn Lane on Left Side
STA. 202+13.50 - 204+09.75
Note: Turn Lane Taper
STA. 204+09.75 - 204+59.84



STA. 204+59.84 - 209+78.00

LEGEND:

1. HOT-MIX ASPHALT SURFACE REMOVAL - VARIABLE DEPTH
2. PAVEMENT REMOVAL
3. COMBINATION CURB AND GUTTER REMOVAL
4. EXCAVATION
5. EMBANKMENT
6. EXISTING HOT-MIX ASPHALT SHOULDERS
7. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N50, 1½"
8. SUB-BASE GRANULAR MATERIAL, TYPE A 12"
9. PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
10. CONCRETE GUTTER, TYPE B
11. COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
12. COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
13. PORTLAND CEMENT CONCRETE SIDEWALK 4"
14. PORTLAND CEMENT CONCRETE SIDEWALK 4", SPECIAL
15. PORTLAND CEMENT CONCRETE SIDEWALK 6", SPECIAL
16. TOPSOIL FURNISH & PLACE, 4"
17. SODDING SALT TOLERANT OR SEEDING, CLASS 2A
18. TEMPORARY PAVEMENT
19. AGGREGATE SHOULDER, TYPE B (WEDGE)



TEMPORARY PAVEMENT DETAIL

FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ILLINOIS ROUTE 8 PROPOSED TYPICAL SECTIONS	F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			6775	04-00141-00-FP	TAZEWELL	187	17
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -					CONTRACT NO. 89352		
	PLOT DATE = $DATE$	DATE -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

Typical section.dgn 4/1/2010 1:18:28 PM

EARTHWORK SCHEDULE

LOCATION		20200100 EARTH EXCAVATION (CUT)	UNSUITABLE MATERIAL	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (25%)	EMBANKMENT (FILL)	EARTHWORK BALANCE WASTE (SHORTAGE)
FROM	TO	CU YD	CU YD	CU YD	CU YD	CU YD
South Summit Drive						
107+95.44	113+22.93	123.2		92.4	101.3	(8.9)
North Summit Drive						
11+95.91	12+00.00	24.8		18.6	0.1	18.5
12+00.00	18+00.00	1963.5		1472.6	180.5	1292.1
18+00.00	24+00.00	2146.3		1609.7	12368.4	(10,758.7)
24+00.00	30+00.00	1519.0		1139.3	10158.9	(9019.7)
30+00.00	36+00.00	4567.0		3425.3	10508.6	(7083.4)
36+00.00	42+00.00	8,478.8	1,315.0	5372.9	2527.9	2845.0
42+00.00	48+00.00	2402.4		1801.8	965.1	836.7
48+00.00	52+00.00	473.3		355.0	1782.8	(1427.8)
Illinois Route 8						
194+60.00	205+50.00	3035.0		2276.3	472.0	1804.3
205+50.00	210+00.00	787.0		590.3	0.0	590.3
Entrances						
107+95.44	113+22.93	99.3		74.5	0.0	74.5
12+00.00	18+00.00	77.9		58.4	0.0	58.4
18+00.00	24+00.00	41.5		31.1	0.0	31.1
	TOTALS	25,740	1,315	19,305	39,066	(19,760)
		20200100 EARTH EXCAVATION	20201200 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL			20400800 FURNISHED EXCAVATION
		25,740 CU YD	1,315 CU YD			19,760 CU YD

TREE REMOVAL (OVER 15 UNITS DIAMETER)

LOCATION		OFFSET	CIRCUMFERENCE (INCHES)	REMARKS	20100210 UNIT
STA.	22+15	30' LT	60		19
STA.	22+60	35' RT	54		17
STA.	22+70	45' RT	81		26
STA.	23+15	80' LT	71		23
STA.	23+40	40' LT	63		20
STA.	23+60	65' LT	93		30
STA.	23+75	25' LT	108		34
STA.	24+90	70' RT	54		17
STA.	25+35	35' LT	60		19
STA.	30+05	5' LT	64.5		21
STA.	33+85	30' LT	60		19
STA.	34+30	45' LT	53		17
				TOTAL	262

TOPSOIL EXCAVATION AND PLACEMENT SCHEDULE

LOCATION			(EXCAVATION, 10")	(PLACEMENT, 4")
	FROM	TO	CU YD	CU YD
South Summit Drive				
RT	107+95.44	113+22.93		35.0
LT	107+95.44	113+22.93		28.3
North Summit Drive				
RT	11+95.91	12+00.00		0.3
LT	11+95.91	12+00.00		0.5
RT	12+00.00	18+03.11		77.4
LT	12+00.00	18+01.61		59.0
RT	18+23.17	21+64.73		31.7
LT	18+15.61	21+68.46		33.5
RT	22+25.00	28+25.00		315.5
LT	22+25.00	27+75.00		313.1
RT	28+25.00	36+75.00		340.3
LT	27+75.00	36+25.00		339.0
RT	36+75.00	43+00.00		262.7
LT	36+25.00	43+00.00		252.3
RT	43+00.00	52+25.00		346.8
LT	43+00.00	52+25.00		193.6
	24+50.00	30+00.00	122.6	
	30+00.00	36+00.00	621.0	
	36+00.00	42+00.00	1852.9	
	42+00.00	48+00.00	1347.5	
	48+00.00	52+50.00	963.8	
		TOTALS	4,910	2,595
			21101505 TOPSOIL EXCAVATION AND PLACEMENT	FOR INFO ONLY
			4,910 CU YD	2,595 CU YD

TREE REMOVAL (6 TO 15 UNITS DIAMETER)

LOCATION	OFFSET	CIRCUMFERENCE (INCHES)	REMARKS	20100110 TREE REMOVAL UNIT
STA. 21+90	5' LT	33	MULTI-TRUNK TREE	11
		33		11
STA. 22+05	15' LT	34		11
STA. 22+30	10' LT	36		11
STA. 22+35	35' RT	32		10
STA. 22+40	20' LT	42	MULTI-TRUNK TREE	13
		30		10
		24		8
STA. 22+65	25' RT	30		10
STA. 22+75	20' LT	46		15
STA. 22+80	35' LT	21.5		7
STA. 22+80	65' RT	18		6
STA. 22+85	0'	34		11
STA. 22+85	10' LT	35		11
STA. 22+90	105' RT	33		11
STA. 22+95	45' LT	29		9
STA. 22+95	105' RT	33		11
STA. 22+95	105' RT	41	MULTI-TRUNK TREE	13
		24		8
		30		10
STA. 22+95	55' RT	32		10
STA. 23+00	75' RT	25.5		8
STA. 23+00	25' LT	48		15
STA. 23+05	45' LT	35		11
STA. 23+05	70' LT	26		8
STA. 23+10	15' LT	30.5		10
STA. 23+20	55' LT	24		8
STA. 23+20	20' LT	26.5		8
STA. 23+20	0'	28		9
STA. 23+30	5' LT	26		8
STA. 23+40	20' LT	47	MULTI-TRUNK TREE	15
		19		6
STA. 23+65	35' LT	22		7
STA. 23+85	40' LT	23		7
STA. 24+20	10' LT	30		10
STA. 24+25	40' LT	28		9
STA. 24+30	85' LT	24		8
STA. 24+35	5' RT	33	MULTI-TRUNK TREE	11
		25		8
STA. 24+35	35' LT	32		10
STA. 24+40	75' LT	43		14
STA. 24+50	35' LT	21.5		7
			TOTAL	414

TREE REMOVAL (6 TO 15 UNITS DIAMETER)

LOCATION	OFFSET	CIRCUMFERENCE (INCHES)	REMARKS	20100110 TREE REMOVAL UNIT
STA. 24+60	25' LT	20		6
STA. 24+70	20' LT	28.5		9
STA. 24+70	30' LT	23.5		7
STA. 24+80	30' LT	23		7
STA. 24+85	55' RT	26		8
STA. 24+90	15' LT	30		10
STA. 25+00	45' LT	23		7
STA. 25+10	40' LT	33		11
STA. 25+15	35' LT	33		11
STA. 25+25	50' LT	22.5		7
STA. 25+25	35' LT	44		14
STA. 25+30	20' LT	35		11
STA. 25+45	20' LT	36		11
STA. 25+45	50' LT	32		10
STA. 25+50	35' LT	60.5		19
STA. 25+55	15' LT	28		9
STA. 25+60	35' LT	26		8
STA. 25+65	10' LT	31		10
STA. 25+70	30' LT	22		7
STA. 25+70	40' LT	24		8
STA. 25+75	5' LT	22		7
STA. 25+80	0'	33		11
STA. 25+85	40' LT	40		13
STA. 25+95	45' LT	22		7
STA. 25+95	5' RT	31	MULTI-TRUNK TREE	10
		28		9
		32		10
		34		11
		22		7
STA. 26+30	0'	30		10
STA. 26+35	10' LT	32		10
STA. 26+35	0'	34		11
STA. 26+40	25' LT	29		9
STA. 26+45	0'	21		7
STA. 26+45	5' RT	21		7
STA. 26+45	30' LT	29		9
STA. 26+50	25' LT	26.5		8
STA. 26+50	15' LT	32		10
STA. 26+55	5' RT	37		12
STA. 26+55	0'	26		8
STA. 26+60	20' LT	24		8
STA. 26+75	0'	27		9
			TOTAL	393

TREE REMOVAL (6 TO 15 UNITS DIAMETER)

LOCATION	OFFSET	CIRCUMFERENCE (INCHES)	REMARKS	20100110 TREE REMOVAL UNIT
STA. 26+95	0'	27	MULTI-TRUNK TREE	9
		19		6
STA. 27+10	0'	20	MULTI-TRUNK TREE	6
		22		7
STA. 27+38	15' LT	30		10
STA. 27+45	5' LT	22		7
STA. 27+60	15' LT	30		10
STA. 27+65	0'	20		6
STA. 27+80	0'	38.5		12
STA. 27+95	10' LT	24	MULTI-TRUNK TREE	8
		27.5		9
STA. 28+05	15' LT	29		9
STA. 28+15	0'	37		12
STA. 28+35	0'	36		11
STA. 28+55	10' LT	45		14
STA. 28+70	5' LT	28		9
STA. 28+95	10' LT	34.5		11
STA. 29+00	20' LT	28		9
STA. 29+15	10' LT	23		7
STA. 29+25	15' LT	20		6
STA. 29+45	10' LT	25.5		8
STA. 30+20	15' LT	29		9
STA. 30+35	20' LT	20.5		7
STA. 30+45	30' LT	32.5	MULTI-TRUNK TREE	10
		30		10
STA. 30+60	15' LT	30	MULTI-TRUNK TREE	10
		30		10
STA. 31+05	10' LT	101		32
STA. 31+15	15' LT	31.5		10
STA. 31+35	0'	22	MULTI-TRUNK TREE	7
		23.5		7
STA. 31+55	5' LT	21		7
STA. 31+55	10' LT	22.5		7
STA. 31+65	20' LT	30.5		10
STA. 31+65	30' LT	23		7
STA. 31+85	10' LT	40.5	MULTI-TRUNK TREE	13
		20.5		7
		20		6
		23		7
STA. 31+90	55' LT	37		12
STA. 33+25	20' LT	42.5		14
STA. 33+10	10' LT	20.5		7
			TOTAL	395

TREE REMOVAL (6 TO 15 UNITS DIAMETER)

LOCATION	OFFSET	CIRCUMFERENCE (INCHES)	REMARKS	20100110 TREE REMOVAL UNIT
STA. 33+70	35' LT	42		13
STA. 33+80	15' LT	42		13
STA. 33+95	50' LT	36	MULTI-TRUNK TREE	11
		25		8
STA. 35+00	55' LT	26.5		8
STA. 34+10	50' LT	26.5		8
STA. 34+10	35' LT	23	MULTI-TRUNK TREE	7
		20		6
STA. 34+20	65' LT	42.5		14
STA. 34+20	55' LT	23.5		7
STA. 34+60	40' LT	42		13
STA. 34+60	35' LT	42		13
STA. 34+70	30' LT	48		15
STA. 34+70	15' LT	43		14
STA. 34+75	5' LT	33	MULTI-TRUNK TREE	11
		23		7
STA. 34+75	15' LT	38		12
STA. 34+75	10' LT	27		9
STA. 34+95	5' RT	30		10
STA. 34+95	15' RT	30		10
STA. 35+15	15' RT	41		13
STA. 35+25	15' RT	31		10
STA. 37+75	10' LT	35		11
			TOTAL	243
			GRAND TOTAL	1445

FILE NAME = $FILE1$

PLOT SCALE = $SCALE$ | DESIGNED -
PLOT DATE = $DATE$ | DRAWN -
PLOT TIME = $TIME$ | CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

MAURER ▲ STUTZ, INC. ENGINEERS SURVEYORS

SCHEDULE OF QUANTITIES

SCALE: | SHEET NO. 1 OF 14 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	18
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SEEDING SCHEDULE - SUMMIT DRIVE

LOCATION STATION TO STATION	LT/RT	PLAN AREA x SLOPE FACTOR	25000110 SEEDING, CLASS 1A	25000210 SEEDING, CLASS 2A	25000300 SEEDING, CLASS 3	25000400 NITROGEN (90 LB/ACRE)	25000500 PHOSPHORUS (90 LB/ACRE)	25000600 POTASSIUM (90 LB/ACRE)	25100115 MULCH, METHOD 2	25100630 EROSION CONTROL BLANKET	28000250 TEMPORARY EROSION CONTROL SEEDING (100 LB/ACRE) (3 APPLICATIONS)
		SQ FT	ACRE	ACRE	ACRE	POUND	POUND	POUND	ACRE	SQ YD	POUND
SOUTH SUMMIT DRIVE											
STA. 107+95.44 TO STA. 113+22.93	LT	2289.42	0.0526			4.73	4.73	4.73	0.0526		15.77
STA. 107+95.44 TO STA. 113+22.93	RT	2831.84	0.0650			5.85	5.85	5.85	0.0650		19.50
STA. 109+01.50 TO STA. 109+38.00	LT	281.20	0.0065			0.58	0.58	0.58	0.0065		1.94
STA. 109+74.90 TO STA. 111+94.10	RT	1206.12	0.0277			2.49	2.49	2.49	0.0277		8.31
STA. 109+73.00 TO STA. 110+08.77	LT	268.54	0.0062			0.55	0.55	0.55	0.0062		1.85
STA. 110+20.77 TO STA. 111+29.49	LT	714.40	0.0164			1.48	1.48	1.48	0.0164		4.92
STA. 111+41.48 TO STA. 112+44.69	LT	535.72	0.0123			1.11	1.11	1.11	0.0123		3.69
STA. 112+25.09 TO STA. 113+22.93	RT	462.43	0.0106			0.96	0.96	0.96	0.0106		3.18
STA. 112+74.60 TO STA. 113+22.93	LT	121.05	0.0028			0.25	0.25	0.25	0.0028		0.83
NORTH SUMMIT DRIVE											
STA. 11+95.91 TO STA. 21+64.73	RT	8860.79	0.2034			18.31	18.31	18.31	0.2034		61.02
STA. 11+95.91 TO STA. 21+68.46	LT	7707.94	0.1769			15.93	15.93	15.93	0.1769		53.08
STA. 12+00.00 TO STA. 12+18.53	LT	170.84	0.0039			0.35	0.35	0.35	0.0039		1.18
STA. 12+00.00 TO STA. 12+51.53	RT	301.35	0.0069			0.62	0.62	0.62	0.0069		2.08
STA. 12+30.52 TO STA. 13+79.87	LT	572.66	0.0131			1.18	1.18	1.18	0.0131		3.94
STA. 12+65.90 TO STA. 15+69.62	RT	3582.84	0.0823			7.40	7.40	7.40	0.0823		24.68
STA. 13+96.78 TO STA. 15+46.44	LT	2184.96	0.0502			4.51	4.51	4.51	0.0502		15.05
STA. 15+76.17 TO STA. 17+06.19	LT	1219.08	0.0280			2.52	2.52	2.52	0.0280		8.40
STA. 15+84.63 TO STA. 16+45.49	RT	749.41	0.0172			1.55	1.55	1.55	0.0172		5.16
STA. 16+57.50 TO STA. 18+03.11	RT	1634.01	0.0375			3.38	3.38	3.38	0.0375		11.25
STA. 17+18.19 TO STA. 18+01.61	LT	922.45	0.0212			1.91	1.91	1.91	0.0212		6.35
STA. 18+15.61 TO STA. 18+64.61	LT	408.47	0.0094			0.84	0.84	0.84	0.0094		2.81
STA. 18+23.17 TO STA. 18+33.11	RT	105.73	0.0024			0.22	0.22	0.22	0.0024		0.73
STA. 18+45.11 TO STA. 18+62.61	RT	99.47	0.0023			0.21	0.21	0.21	0.0023		0.69
STA. 18+76.61 TO STA. 20+08.11	LT	1165.16	0.0267			2.41	2.41	2.41	0.0267		8.02
STA. 18+84.61 TO STA. 19+62.62	RT	664.73	0.0153			1.37	1.37	1.37	0.0153		4.58
STA. 19+73.80 TO STA. 20+45.11	RT	784.58	0.0180			1.62	1.62	1.62	0.0180		5.40
STA. 20+28.11 TO STA. 21+12.65	LT	634.95	0.0146			1.31	1.31	1.31	0.0146		4.37
STA. 20+60.11 TO STA. 21+40.54	RT	882.53	0.0203			1.82	1.82	1.82	0.0203		6.08
STA. 21+31.68 TO STA. 21+68.46	LT	390.12	0.0090			0.81	0.81	0.81	0.0090		2.69
STA. 21+58.51 TO STA. 21+64.73	RT	33.75	0.0008			0.07	0.07	0.07	0.0008		0.23
STA. 21+68.46 TO STA. 24+00.00	LT	2523.72		0.0579		5.21	5.21	5.21	0.0579		17.38
STA. 22+25.00 TO STA. 24+00.00	LT	10257.15			0.2355	21.19	21.19	21.19	0.2355	1139.68	70.64
STA. 21+64.73 TO STA. 24+00.00	RT	2887.37		0.0663		5.97	5.97	5.97	0.0663		19.89
STA. 22+25.00 TO STA. 24+00.00	RT	11219.97			0.2576	23.18	23.18	23.18	0.2576	1246.66	77.27
STA. 24+00.00 TO STA. 30+00.00	LT	9652.66		0.2216		19.94	19.94	19.94	0.2216		66.48
STA. 24+00.00 TO STA. 25+25.00	LT	8183.02			0.1879	16.91	16.91	16.91	0.1879	909.22	56.36
STA. 24+00.00 TO STA. 30+00.00	RT	8517.34		0.1955		17.60	17.60	17.60	0.1955		58.66
STA. 24+00.00 TO STA. 25+75.00	RT	7525.55			0.1728	15.55	15.55	15.55	0.1728	836.17	51.83
STA. 30+00.00 TO STA. 36+00.00	LT	15282.57		0.3508		31.58	31.58	31.58	0.3508		105.25
STA. 33+75.00 TO STA. 36+00.00	LT	7883.74			0.1810	16.29	16.29	16.29	0.1810	875.97	54.30
STA. 30+00.00 TO STA. 36+00.00	RT	13451.48		0.3088		27.79	27.79	27.79	0.3088		92.64
STA. 34+25.00 TO STA. 36+00.00	RT	7458.94			0.1712	15.41	15.41	15.41	0.1712	828.77	51.37
STA. 36+00.00 TO STA. 42+00.00	LT	19339.69		0.4440		39.96	39.96	39.96	0.4440		133.19
STA. 36+00.00 TO STA. 36+25.00	LT	612.47			0.0141	1.27	1.27	1.27	0.0141	68.05	4.22
STA. 36+00.00 TO STA. 42+00.00	RT	20658.04		0.4742		42.68	42.68	42.68	0.4742		142.27
STA. 36+00.00 TO STA. 36+75.00	RT	1448.02			0.0332	2.99	2.99	2.99	0.0332	160.89	9.97
STA. 42+00.00 TO STA. 48+00.00	LT	8629.34		0.1981		17.83	17.83	17.83	0.1981		59.43
STA. 42+00.00 TO STA. 48+00.00	RT	16820.42		0.3861		34.75	34.75	34.75	0.3861		115.84
STA. 48+00.00 TO STA. 52+32.20	LT	7156.63		0.1643		14.79	14.79	14.79	0.1643		49.29
STA. 48+75.00 TO STA. 49+50.00	LT	1247.14			0.0286	2.58	2.58	2.58	0.0286	138.57	8.59
STA. 48+00.00 TO STA. 52+32.20	RT	12401.80		0.2847		25.62	25.62	25.62	0.2847		85.41
	TOTALS		0.50	3.25	1.25	450	450	450	5.00	6204	1500

SUPPLEMENTAL WATERING

LOCATION	AREA	CONVERSION FACTOR	1ST APPLICATION	NUMBER OF	ADDITIONAL APP	25200200
	SQ YD	1 UNIT/1000 GAL	GAL/SQ YD	ADDITIONAL APP	GAL/SQ YD	UNITS
SODDING AREA	1,065	0.001	5	5	3	21.3

Note: Total of 6 applications

SEEDING SCHEDULE - IL ROUTE 8

LOCATION STATION TO STATION	LT/RT	PLAN AREA x SLOPE FACTOR	21101615 TOPSOIL FURNISH & PLACE 4"	25000210 SEEDING CLASS 2 A	25000400 NITROGEN (90 LB/ACRE)	25000400 NITROGEN (60 LB/ACRE)	25000500 PHOSPHORUS (90 LB/ACRE)	25000500 PHOSPHORUS (60 LB/ACRE)	25000600 POTASSIUM (90 LB/ACRE)	25000600 POTASSIUM (60 LB/ACRE)	25100115 MULCH, METHOD 2	25200110 SODDING, SALT TOLERANT	28000250 TEMPORARY EROSION CONTROL SEEDING (100 LB/ACRE)
		SQ FT	SQ YD	ACRE	POUND	POUND	POUND	POUND	POUND	POUND	ACRE	SQ YD	POUND
FROM STA 194+41.23 TO STA 196+54.26	LT	2836.15	315.13			3.91		3.907		3.907		315.13	6.51
FROM STA 194+60.00 TO STA 196+38.05	RT	1201.63	133.51			1.66		1.655		1.655		133.51	2.76
FROM STA 194+92.83 TO STA 196+08.53	CL	1041.96	115.77			1.44		1.435		1.435		115.77	2.39
FROM STA 196+27 TO STA 197+15.66	RT	447.90	49.77			0.62		0.617		0.617		49.77	1.03
FROM STA 197+32.26 TO STA 197+90.87	RT	461.01	51.22			0.64		0.635		0.635		51.22	1.06
FROM STA 197+93.46 TO STA 198+20.21	LT	56.24	6.25			0.08		0.077		0.077		6.25	0.13
FROM STA 198+20.52 TO STA 198+56.99	RT	196.32	21.81			0.27		0.270		0.270		21.81	0.45
FROM STA 198+86.99 TO STA 199+66.47	RT	743.10	82.57			1.02		1.024		1.024		82.57	1.71
FROM STA 200+54.34 TO STA 201+84.36	RT	1675.50	186.17			2.31		2.308		2.308		186.17	3.85
FROM STA 200+97.07 TO STA 201+30.56	LT	923.05	102.56			1.27		1.271		1.271		102.56	2.12
FROM STA 201+30.56 TO STA 202+78.38	LT	2362.19	262.47	0.0542	4.88		4.88		4.88		0.0542		5.42
FROM STA 202+42.98 TO STA 205+26.17	RT	6080.77	675.64	0.1396	12.56		12.56		12.56		0.1396		13.96
FROM STA 203+07.02 TO STA 204+38.16	LT	2054.87	228.32	0.0472	4.25		4.25		4.25		0.0472		4.72
FROM STA 204+80.74 TO STA 209+74.69	LT	13171.74	1463.53	0.3024	27.21		27.21		27.21		0.3024		30.24
FROM STA 205+63.61TO STA 207+23.33	RT	3522.31	391.37	0.0809	7.28		7.28		7.28		0.0809		8.09
FROM STA 207+65.59 TO STA 209+93.68	RT	4959.54	551.06	0.1139	10.25		10.25		10.25		0.1139		11.39
	TOTALS		4637.1	0.75	66.4	13.2	66.4	13.2	66.4	13.2	0.75	1064.8	95.8

FILE NAME = #FILE1#

PLOT SCALE = #SCALE#	DESIGNED -	REVISED -	
PLOT DATE = #DATE#	DRAWN -	REVISED -	
PLOT TIME = #TIME#	CHECKED -	REVISED -	
	DATE -	REVISED -	

MAURER ▲ STUTZ, INC. ENGINEERS SURVEYORS

SCHEDULE OF QUANTITIES

SCALE: | SHEET NO. 2 OF 14 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	19
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PERIMETER EROSION BARRIER - IL ROUTE 8		
LOCATION STATION TO STATION	LT/RT	28000400 FOOT
FROM STA 194+60.00 TO STA 196+31.00	RT	195.66
FROM STA 194+40.00 TO STA 195+01.00	LT	59.79
FROM STA 196+85.43 TO STA 197+14.00	RT	19.04
FROM STA 198+20.52 TO STA 198+57.00	RT	36.85
FROM STA 198+87.28 TO STA 199+45.56	RT	39.90
TOTAL		351.2

PERIMETER EROSION BARRIER - SUMMIT DRIVE		
LOCATION STATION TO STATION	LT/RT	28000400 FOOT
STA. 107+95.38 TO STA. 109+39.85	RT	155.0
STA. 109+74.90 TO STA. 111+93.65	RT	220.4
STA. 110+20.77 TO STA. 111+29.49	LT	108.9
STA. 111+41.48 TO STA. 112+29.11	LT	87.9
STA. 112+25.52 TO STA. 113+08.82	RT	83.3
STA. 15+77.05 TO STA. 17+06.19	LT	130.4
STA. 16+57.50 TO STA. 18+00.00	RT	142.7
STA. 17+18.19 TO STA. 18+00.00	LT	82.2
STA. 18+15.61 TO STA. 18+64.61	LT	52.2
STA. 18+84.61 TO STA. 19+52.62	RT	78.9
STA. 20+60.11 TO STA. 21+40.54	RT	82.1
STA. 21+31.68 TO STA. 23+95.98	LT	279.8
STA. 21+58.51 TO STA. 22+80.74	RT	160.2
STA. 22+88.07 TO STA. 24+00.00	RT	150.5
STA. 24+00.00 TO STA. 24+91.97	RT	105.0
STA. 24+32.80 TO STA. 28+00.00	LT	386.8
STA. 25+00.00 TO STA. 26+91.36	RT	210.2
STA. 33+00.00 TO STA. 34+95.30	RT	200.0
STA. 33+50.00 TO STA. 34+24.00	LT	81.5
STA. 34+44.00 TO STA. 36+00.00	LT	160.7
STA. 35+28.80 TO STA. 36+00.00	RT	77.9
STA. 36+00.00 TO STA. 37+00.00	LT	106.4
STA. 36+00.00 TO STA. 37+00.00	RT	102.0
STA. 42+50.00 TO STA. 44+50.00	LT	202.0
STA. 42+50.00 TO STA. 44+00.00	RT	150.4
STA. 48+00.00 TO STA. 49+14.00	LT	114.4
STA. 49+28.30 TO STA. 52+00.00	LT	272.5
STA. 49+50.00 TO STA. 52+00.00	RT	250.0
TOTAL		4234.3

TEMPORARY DITCH CHECKS - SUMMIT DRIVE			
LOCATION	OFFSET	LT/RT	28000305 FOOT
STA. 107+97.23	20.6	LT	8
STA. 45+05.00	31.6	RT	14
STA. 46+10.00	31.6	RT	14
STA. 48+50.00	43.8	RT	14
TOTAL			50

TEMPORARY DITCH CHECKS - IL ROUTE 8		
LOCATION	LT/RT	28000305 FOOT
STA. 202+13.00	LT	8
STA. 204+08.00	RT	8
STA. 205+00.00	LT	8
STA. 206+40.00	RT	8
STA. 208+10.00	RT	8
STA. 208+80.00	LT	8
TOTAL		48

INLET AND PIPE PROTECTION - SUMMIT DRIVE			
LOCATION	LT/RT	STRUCTURE	28000500 EACH
STA. 112+35.00	LT	A-1	1
STA. 112+35.00	RT	A-2	1
STA. 12+15.00	RT	B-9	1
STA. 16+00.00	LT	B-10	1
STA. 16+00.00	RT	B-11	1
STA. 20+45.00	LT	B-12	1
STA. 20+25.00	RT	B-13	1
STA. 22+00.00	RT	B-13a	1
STA. 22+75.00	RT	B-13b	1
STA. 23+01.47	RT	HEADWALL	1
STA. 23+47.00	RT	B-14	1
STA. 24+68.00	LT	B-15	1
STA. 24+68.00	RT	B-16	1
STA. 24+88.73	RT	HEADWALL	1
STA. 32+50.00	LT	C-1	1
STA. 32+50.00	RT	C-2	1
STA. 34+63.00	LT	C-3	1
STA. 34+63.00	RT	C-4	1
STA. 35+04.61	RT	HEADWALL	1
STA. 36+50.00	LT	C-5	1
STA. 36+50.00	RT	C-6	1
STA. 47+42.00	LT	D-1	1
STA. 47+42.00	RT	D-2	1
STA. 47+42.00	RT	FES-3	1
STA. 49+20.51	LT	D-3	1
STA. 49+24.97	RT	D-4	1
STA. 49+27.46	RT	FES 42"	1
STA. 49+34.64	RT	FES 42"	1
STA. 52+13.01	RT	E-1	1
STA. 52+13.27	LT	E-2	1
STA. 52+11.51	RT	FES-3	1
TOTAL			31

INLET AND PIPE PROTECTION - ILLINOIS ROUTE 8				
LOCATION	LT/RT	STRUCTURE	OFFSET FOOT	28000500 EACH
STA. 195+98.02	LT	I - 3	30.00	1
STA. 196+05.00	LT	I - 2	48.97	1
STA. 196+20.15	LT	I-2a	54.27	1
STA. 195+99.28	RT	I - 5	32.17	1
STA. 196+76.26	RT	I - 7	54.10	1
STA. 196+69.99	LT	I - 8	30.00	1
STA. 197+50.77	LT	I-9a	42.08	1
STA. 197+50.87	LT	I - 9	32.17	1
STA. 197+63.21	RT	I - 11	38.65	1
STA. 199+22.57	LT	I - 10	30.00	1
STA. 199+22.36	RT	I - 12	42.00	1
STA. 201+31.91	RT	B - 4	30.63	1
STA. 201+68.67	LT	FES-1	40.00	1
STA. 204+21.34	LT	Pipe Culvert	29.67	1
STA. 205+13.84	RT	I - 14	35.33	1
STA. 206+96.24	RT	I - 15	35.00	1
STA. 209+77.50	RT	Box Culvert	32.47	1
STA. 209+76.72	LT	Box Culvert	39.31	1
STA. 113+83.21	LT	B - 1	25.90	1
STA. 113+95.00	RT	B - 2	32.00	1
STA. 114+46.45	RT	B - 3	39.00	1
STA. 10+72.39	LT	B - 6	27.00	1
STA. 10+86.60	RT	B - 7	47.51	1
STA. 10+50.00	LT	B - 8	27.00	1
TOTAL				24

REMOVING INLETS			
LOCATION	LT/RT	OFFSET FOOT	60500060 EACH
IL ROUTE 8			
STA 195+86.05	RT	12.93	1
STA 195+91.86	LT	29.48	1
TOTAL			2

REMOVING INLETS			
LOCATION	LT/RT	OFFSET FEET	60500060 EACH
SOUTH SUMMIT DRIVE			
STA. 113+12.17	LT	22.2'	1
STA. 113+37.64	RT	30.1'	1
STA. 113+53.39	RT	30.5'	1
STA. 113+55.03	LT	22.9'	1
TOTAL			4

STORM SEWER REMOVAL - SUMMIT DRIVE		
LOCATION	LT/RT	X5510100 FOOT
STA. 112+34.61 TO STA. 113+12.17	LT	77.6
STA. 113+12.17 TO STA. 113+55.03	LT	42.9
STA. 112+89.12 TO STA. 113+37.64	RT	48.5
STA. 113+37.64 TO STA. 113+53.39	RT	15.8
STA. 113+55.03 TO STA. 113+53.39	AR	53.5
STA. 113+55.03 TO STA. 114+36.25	LT	97.0
TOTAL		335

STORM SEWER REMOVAL - IL ROUTE 8					
LOCATION STATION TO STATION	RT / LT	55100500 12 " RCCP FOOT	55100700 15" RCCP FOOT	55100900 18" RCCP FOOT	55101400 30" RCCP FOOT
STA 195+86.60		16.60			
FROM STA 195+62.13 TO STA 195+79.80	RT		17.67		
FROM STA 195+79.80 TO STA 196+90.37	RT		110.58		
FROM STA 194+51.69 TO STA 95+91.92	LT			142.63	
STA 195+77.79					79.68
TOTALS		17	128	143	80

STONE RIPRAP, CLASS A5				
LOCATION STATION TO STATION	OFFSET		WIDTH	28100109
	LT/RT	FT	FT	SQ YD
NORTH SUMMIT DRIVE				
STA. 23+96.34 TO STA. 24+33.84	LT	102' TO 115'	13'	54.5
STA. 34+18.29 TO STA. 34+48.14	LT	65' TO 80'	15'	43.7
STA. 34+93.10 TO STA. 35+22.96	RT	64.3' TO 74.3'	10'	27.1
TOTAL				126

STONE RIP RAP CLASS A 4 & FILTER FABRIC			
LOCATION STATION TO STATION	LT/RT	28100107 STONE RIP RAP SQ YD	28200200 FILTER FABRIC SQ YD
STA. 196+02.77 TO STA. 196+44.12	LT	25.24	25.24
TOTAL		25	25

STONE DUMPED RIPRAP, CLASS B3				
LOCATION STATION TO STATION	OFFSET		WIDTH	28100725
	LT/RT	FT	FT	SQ YD
NORTH SUMMIT DRIVE				
STA. 34+50.00 TO STA. 35+00.00	RT	61' TO 75'	4.3	23.9
TOTAL				24

FILTER FABRIC				
LOCATION STATION TO STATION	OFFSET		WIDTH	28200200 FILTER FABRIC
	LT/RT	FT	FT	SQ YD
NORTH SUMMIT DRIVE				
STA. 23+96.34 TO STA. 24+33.84	LT	102' TO 115'	13'	54.5
STA. 34+18.29 TO STA. 34+48.14	LT	65' TO 80'	15'	43.7
STA. 34+93.10 TO STA. 35+22.96	RT	64.3' TO 74.3'	10'	27.1
STA. 34+50.00 TO STA. 35+00.00	RT	61' TO 75'	4.3'	23.9
TOTAL				150

CHAIN LINK FENCE REMOVAL		
LOCATION	LT/RT	66410300 FOOT
NORTH SUMMIT DRIVE		
STA. 23+01.19 TO STA. 23+77.35	RT	188.6
STA. 34+00.32 TO STA. 34+25.61	RT	73.4
TOTAL		262

PAVING SCHEDULE

LOCATION	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	TEMPORARY RAMP	SUB BASE GRANULAR MATERIAL, TYPE B, 4"	SUB BASE GRANULAR MATERIAL, TYPE A 12"	HOT - MIX ASPHALT BASE COURSE, 8"	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	POLYMERIZED LEVELING BINDER (MACHINE METHOD), N50	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N50	PORTLAND CEMENT CONCRETE PAVEMENT, 10" JOINTED	PROTECTIVE COAT
	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	GALLON	TON	TON	TON	TON	TON	TON	SQ YD	SQ YD
	40600982	40600990	31101200	31100910	35501316	40600115	40600300	40600825	40603080	40603230	40603535	40603560	42000501	42001300
S. SUMMIT 107+95.44 TO 108+00.44	82.0	13.4				279.4	3.2	115.0			173.2			
S. SUMMIT 108+00.44 TO 108+25.44														
S. SUMMIT 108+25.44 TO 110+00.79										21.2				
S. SUMMIT 100+00.79 TO 111+65.18										49.8				
S. SUMMIT 111+65.18 TO 113+22.45													1308.6	1318.3
S. SUMMIT 113+22.45 TO 114+72.95				1364.61									1318.3	1308.6
N. SUMMIT 10+35.60 TO 11+95.91				1382.61										
N. SUMMIT 11+95.91 TO 12+00.00						11.8			5.0	3.0	2.6			
N. SUMMIT 12+00.00 TO 18+00.00						1117.0			469.1	281.5	250.2			
N. SUMMIT 18+00.00 TO 24+00.00						866.7			364.0	218.4	194.1			
N. SUMMIT 24+00.00 TO 30+00.00						1018.0			427.6	256.5	228.0			
N. SUMMIT 30+00.00 TO 36+00.00						866.7			364.0	218.4	194.1			
N. SUMMIT 36+00.00 TO 42+00.00						866.7			364.0	218.4	194.1			
N. SUMMIT 42+00.00 TO 48+00.00						866.7			364.0	218.4	194.1			
N. SUMMIT 48+00.00 TO 52+32.21						707.1			297.0	178.2	158.4			
IL ROUTE 8 196+60.00 TO 201+45.24				5415.88									4954.9	4954.9
IL ROUTE 8 201+45.36 TO 204+09.78			322.90		308.0	157.0	3.14					131.9		
IL ROUTE 8 204+29.86 TO 204+59.86	120.0	20.0				13.1								
IL ROUTE 8 ENTRANCES							0.44					5.6	210.5	210.5
ARGO ST.	66.7	33.3		216.52		6.6	0.13							
TOTALS:	269	67	323	8380	308	6777	6.9	115	2655	1664	1589	138	7792	7792

PORTLAND CEMENT BASE COURSE WIDENING 9"

LOCATION STATION TO STATION	LT/RT	AVERAGE WIDTH	LENGTH	35400400 PORTLAND CEMENT BASE COURSE
		FEET	FEET	SQ YD
SOUTH SUMMIT DRIVE				
STA. 107+95.44 TO STA. 110+00.7	RT	1.34	205.35	30.5
STA. 107+95.44 TO STA. 111+65.18	LT	1.44	369.74	59.2
			TOTAL	90

PAVEMENT REMOVAL - IL ROUTE 8

LOCATION STATION TO STATION	AREA SQ FT	44000100 SQ YD
SOUTH SUMMIT DRIVE		
STA 200+26.96	7,148.66	794.30
ARGO ST		
STA 196+69.55	1,857.96	206.44
IL ROUTE 8		
FROM STA 194+60 TO STA 201+45.3	30,806.45	3,422.94
NORTH SUMMIT DRIVE		
STA 200+23.88	5,829.82	647.76
TOTAL		5,071

PAVEMENT REMOVAL - SUMMIT DRIVE

LOCATION STATION TO STATION	AREA SQ FT	44000100 SQ YD
NORTH SUMMIT DRIVE		
STA. 11+95.91 TO STA. 12+00.00	86.51	9.6
STA. 12+00.00 TO STA. 18+00.00	11,061.74	1229.1
STA. 18+00.00 TO STA. 21+67.10	6744.68	749.4
TOTAL		1988

DETECTABLE WARNINGS

LOCATION STATION TO STATION	LT/RT	WIDTH FEET	LENGTH FEET	42400800 SQ FT
STA 195+62.16	LT	2.00	5.00	10.00
STA 195+53.99	RT	2.00	5.00	10.00
STA 196+29.75	RT	2.00	6.00	12.00
STA 196+87.68	RT	2.00	6.00	12.00
STA 199+56.94	LT	2.00	6.00	12.00
STA 199+56.19	RT	2.00	6.00	12.00
STA 114+31.02 (S. Summit)	RT	2.00	6.00	12.00
STA 200+99.86	RT	2.00	6.00	12.00
STA 201+00.68	LT	2.00	6.00	12.00
STA 10+53.27 (N. Summit)	LT	2.00	6.00	12.00
TOTAL				116

HOT - MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH

LOCATION STATION TO STATION	AREA SQ FT	44000198 SQ YD
FROM STA 201+45.36 TO STA 204+29.86	10,246.32	1138.5
TOTAL		1.139

FILE NAME = $FILE$

PLOT SCALE = $SCALE$	DESIGNED -	REVISED -
PLOT DATE = $DATE$	DRAWN -	REVISED -
PLOT TIME = $TIME$	CHECKED -	REVISED -
	DATE -	REVISED -

MAURER ▲ STUTZ, INC. ENGINEERS SURVEYORS

SCHEDULE OF QUANTITIES

SCALE: | SHEET NO. 4 OF 14 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	21
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

ENTRANCE SCHEDULE - SUMMIT DR.

LOCATION	REMARKS	LENGTH	WIDTH	SQ YD	EARTH EXCAVATION (FOR INFO ONLY)	DRIVEWAY PAVEMENT REMOVAL	HOT - MIX ASPHALT BASE COURSE, 6"	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	INCIDENTAL HOT - MIX ASPHALT SURFACING	PCC DRIVEWAY PAVEMENT 6"	PCC DRIVEWAY PAVEMENT 8"	AGGREGATE FOR TEMPORARY ACCESS
					CU YD	SQ YD	SQ YD	GALLON	TON	TON	SQ YD	SQ YD	TON
SOUTH SUMMIT					20100100	44000200	35501308	40600115	40600300	40800050	42300200	42300400	40201000
LT STA 108+84.20	CE	11.39	35	59.2	13.2	68.1						59.2	27.1
LT STA 109+55.70	CE	11.39	35	59.2	13.2	51.0						59.2	27.1
RT STA 109+58.50	CE	23.51	35	122.4	27.3	109.5						122.4	56.0
LT STA 110+14.77	PE	9.39	12	22.7	3.8						22.7		7.8
LT STA 111+35.72	PE	11.43	12	30.1	5.0	22.9					30.1		10.3
RT STA 112+11.50	CE	18.82	31	98.1	21.9	122.4						98.1	44.9
LT STA 112+59.60	CE	11.43	30	66.9	14.9	85.2						66.9	30.5
NORTH SUMMIT													
LT STA 12+22.50	PE	10.20	12	16.4	2.7	22.0					16.4		5.5
RT STA 12+57.90	CE	22.66	14.35	107.8	24.1	128.0						107.8	49.4
LT STA 13+86.00	CE	20.82	20	51.6	11.5	73.7						51.6	23.6
LT STA 15+60.00	CE	24.34	29.76	97.0	21.7	108.2						97.0	44.5
RT STA 15+76.50	PE	23.42	15	45.8	7.6						45.8		15.6
RT STA 16+51.50	PE	15.69	12	27.5	4.6						27.5		9.4
LT STA 17+11.50	PE	20.32	12	34.2	5.7						34.2		11.7
LT STA 18+08.60	PE	7.00	14	16.3	2.7						16.3		5.5
RT STA 18+13.00	PE	18.05	20	45.3	7.6	54.8					45.3		15.6
RT STA 18+38.50	PE	12.10	12	21.3	3.6	26.1					21.3		7.4
LT STA 18+70.60	PE	7.00	12	14.8	2.5	24.8					14.8		5.1
RT STA 18+73.60	PE	6.91	22	22.2	3.7	34.9					22.2		7.6
RT STA 19+68.50	PE	9.87	12	18.7	3.1						18.7		6.4
LT STA 20+18.50	PE	7.00	20	21.0	3.5						21.0		7.2
RT STA 20+52.60	PE	19.08	15	38.8	6.5						38.8		13.3
LT STA 21+21.50	PE	11.67	19	29.8	5.0						29.8		10.3
RT STA 21+50.00	PE	7.08	18	19.9	3.3	30.6					19.9		6.8
ILLINOIS ROUTE 8													
LT STA 196+98.43	CE						60.5	1.9	0.06	5.1		37.7	8.6
RT STA 197+33.48	CE						12.1	0.4	0.01	1.0		44.3	10.1
RT STA 198+06.15	CE											58.3	13.4
LT STA 198+37.71	CE											54.9	12.6
RT STA 198+71.99	CE											68.0	15.6
RT STA 113+60.64	CE											112.1	25.7
LT STA 11+15.00	CE											110.2	25.2
LT STA 202+91.76	CE						44.4	1.3	0.04	3.7			
RT STA 205+51.67	CE						135.4	4.1	0.14	11.4			
RT STA 207+51.68	CE						182.7	5.5	0.18	15.3			
				SUBTOTALS=	218.7	962.0	435.0	13.0	0.4	37.0	425.0	1148.0	559.5

NOTE: EARTH EXCAVATION QUANTITIES SHOWN ARE INCLUDED IN EARTHWORK SCHEDULE.
SEE AGGREGATE BASE COURSE, TYPE A FOR BASE MATERIAL.

AGGREGATE BASE COURSE, TYPE A

LOCATION STATION TO STATION	AREA	THICKNESS	CONVERSION	35100100
	SQ YD	INCHES	LB/SY•IN	TON
SOUTH SUMMIT DRIVE				
STA. 110+00.79 RT TO STA. 113+22.93 RT	309.6	8	114	141.2
STA. 111+65.18 LT TO STA. 113+22.93 LT	82.4	8	114	37.6
NORTH SUMMIT DRIVE				
STA. 11+95.91 TO STA. 12+00.00	26.9	12	114	18.4
STA. 12+00.00 TO STA. 18+00.00	2711.8	12	114	1854.9
STA. 18+00.00 TO STA. 24+00.00	2211.1	12	114	1512.4
STA. 24+00.00 TO STA. 30+00.00	2513.7	12	114	1719.4
STA. 30+00.00 TO STA. 36+00.00	2211.1	12	114	1512.4
STA. 36+00.00 TO STA. 42+00.00	2211.1	12	114	1512.4
STA. 42+00.00 TO STA. 48+00.00	2211.1	12	114	1512.4
STA. 48+00.00 TO STA. 52+32.21	1758.3	12	114	1202.7
			TOTAL	11024

AGGREGATE BASE COURSE, TYPE B

LOCATION STATION TO STATION	AREA	THICKNESS	CONVERSION	35101400
	SQ YD	INCHES	LB/SY•IN	TON
SOUTH SUMMIT DRIVE				
STA. 108+84.20 LT CE	59.2	8	114	27.0
STA. 109+55.70 LT CE	59.2	8	114	27.0
STA. 109+58.50 RT CE	122.4	8	114	55.8
STA. 110+14.77 LT PE	22.7	8	114	10.4
STA. 111+35.72 LT PE	30.1	8	114	13.7
STA. 112+11.50 RT CE	98.1	8	114	44.7
STA. 112+59.60 LT CE	66.9	8	114	30.5
NORTH SUMMIT DRIVE				
STA. 12+22.50 LT PE	16.4	8	114	7.5
STA. 12+57.90 RT CE	107.8	8	114	49.2
STA. 15+60.00 LT CE	97.0	8	114	44.2
STA. 15+76.50 RT PE	45.8	8	114	20.9
STA. 16+51.50 RT PE	27.5	8	114	12.5
STA. 17+11.50 LT PE	34.2	8	114	15.6
STA. 18+08.60 LT PE	16.3	8	114	7.4
STA. 18+13.00 RT PE	45.3	8	114	20.7
STA. 18+38.50 RT PE	21.3	8	114	9.7
STA. 18+70.60 LT PE	14.8	8	114	6.7
STA. 18+73.60 RT PE	22.2	8	114	10.1
STA. 19+68.50 RT PE	18.7	8	114	8.5
STA. 20+18.50 LT PE	21.0	8	114	9.6
STA. 20+52.60 RT PE	38.8	8	114	17.7
STA. 21+21.50 LT PE	29.8	8	114	13.6
STA. 21+50.00 RT PE	19.9	8	114	9.1
		TOTAL		472

TEMPORARY PAVEMENT

LOCATION STATION	LT/RT	STAGE	X0712400
			SQ YD
STA. 194+60 TO STA 195+00	RT	1	13.4
STA. 195+00 TO STA. 196+32.35	RT	1	92.8
STA. 196+89.54 TO STA. 198.36.36	RT	1	74.3
STA. 200+64.26 TO STA. 201+80.77	RT	1	124.9
STA. 202+49.55 TO STA. 205+00	RT	1	296.2
STA. 205+00 TO STA. 205+85	RT	1	28.2
STA. 194+60 TO STA 198+00	LT	2	157.4
STA. 198+00 TO STA. 199+64.08	RT	2	83.7
STA. 201+30.34 TO STA. 202+13.48	RT	2	20.3
		TOTAL	891

DRIVEWAY PAVEMENT REMOVAL

LOCATION STATION TO STATION	LT/RT	AREA	44000200
		SQ FT	SQ YD
IL ROUTE 8			
C.E. STA 196+87.96	LT	1,689.72	187.75
C.E. STA 197+19.00	RT	761.39	84.60
C.E. STA 198+40.49	LT	1,566.40	174.04
C.E. STA 198+06.15	RT	745.43	82.83
C.E. STA 198+71.99	RT	817.00	90.78
FROM STA 199+52.48 TO STA 11+09.43	LT	4,423.26	491.47
FROM RT STA 12+00.75 TO LT STA 201+30.56		1,549.68	172.19
C.E. STA 08+63.10	RT	1,512.20	168.02
C.E. STA 08+93.91	LT	1,838.26	204.25
C.E. STA 09+17.51	LT	40.99	4.55
C.E. STA 202+91.76	LT	623.91	69.32
C.E. STA 205+51.67	RT	1,122.51	124.72
C.E. STA 207+51.68	RT	1,647.91	183.10
TOTAL			2,038

FILE NAME = $FILE1$

PLOT SCALE = $SCALE$	DESIGNED -	REVISED -	
PLOT DATE = $DATE$	DRAWN -	REVISED -	
PLOT TIME = $TIME$	CHECKED -	REVISED -	
	DATE -	REVISED -	

MAURER ▲ STUTZ, INC. ENGINEERS SURVEYORS

SCHEDULE OF QUANTITIES

SCALE: | SHEET NO. 5 OF 14 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	22
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONCRETE HEADWALL REMOVAL			
LOCATION STATION	LT/RT	DESCRIPTION	50104400 EACH
NORTH SUMMIT DRIVE			
STA. 17+98.03	LT	CONCRETE	1
STA. 18+17.94	LT	CONCRETE	1
TOTAL			2

CONCRETE HEADWALL REMOVAL - IL ROUTE 8		
LOCATION STATION TO STATION	LT/RT	50104400 EACH
FROM STA 195+91.11 TO STA 196+03.98	LT	1
FROM STA 10+63.54 TO STA 10+72.08	LT	1
TOTAL		2

CURB REMOVAL			
LOCATION STATION TO STATION	LT/RT	DESCRIPTION	44000300 FOOT
SOUTH SUMMIT DRIVE			
STA. 113+09.07 TO STA. 113+38.73	RT	EXISTING CE	30.7
STA. 113+78.40 TO STA. 113+91.17	RT	EXISTING CE	17.8
NORTH SUMMIT DRIVE			
STA. 11+98.12 TO STA. 12+39.75	RT	EXISTING CE	67.7
STA. 12+78.37 TO STA. 12+85.32	RT	EXISTING CE	33.7
TOTAL			150

CURB REMOVAL - IL ROUTE 8		
LOCATION STATION TO STATION	LT/RT	44000300 FOOT
FROM STA 11+98.12 TO STA 201+28.92	RT	187.64
FROM STA 196+54.10 TO STA 196+65.74	LT	11.76
TOTAL		199

COMBINATION CURB & GUTTER REMOVAL		
LOCATION STATION TO STATION	LT/RT	44000500 FOOT
FROM STA 194+60 TO STA 195+03.02	RT	43.96
FROM STA 195+03.02 TO STA 196+15.37	RT	112.35
FROM STA 09+762.00 TO STA 09+05.32	LT	76.54
FROM STA 09+73.87 TO STA 09+05.32	RT	79.83
TOTAL		313

PAVED DITCH REMOVAL		
LOCATION STATION TO STATION	LT/RT	44004000 FOOT
STA 199+50.21	RT	22.00
TOTAL		22

PLUG EXISTING CULVERTS		
LOCATION	LT/RT	Z0041500 EACH
STA 201+47.62	RT	1
STA 202+54.20	RT	1
TOTAL		2

PIPE CULVERT REMOVAL - IL ROUTE 8				
LOCATION STATION TO STATION	RT / LT	SIZE (INCHES)	TYPE	50105220 FOOT
FROM STA 196+98.18 TO STA 197+42.32	RT	15	CMP	44.14
FROM STA 196+57.68 TO STA 197+15.95	LT	15	CMP	58.31
FROM STA 198+06.03 TO STA 198+57.82	LT	15	CMP	51.87
FROM STA 197+84.66 TO STA 198+27.22	RT	15	CMP	42.64
FROM STA 198+38.19 TO STA 198+92.2	RT	15	CMP	54.14
FROM STA 199+16.56 TO STA 199+72.70	LT	15	CMP	56.91
FROM STA 199+58.06 TO STA 199+81.74	RT	15	CMP	28.70
FROM STA 199+92.01 TO STA 200+78.37	LT	15	CMP	86.14
FROM STA 199+58.47 TO STA 200+77.87	RT	15	CMP	120.54
FROM STA 202+71.48 TO STA 203+13.84	LT	15	CMP	42.24
FROM STA 205+19.75 TO STA 205+77.58	RT	15	CMP	57.83
FROM STA 113+37.87 TO STA 113+56.87(S. Summit)	RT	15	CMP	19.00
STA 113+56.87 (S. Summit)	AR	15	CMP	50.91
FROM STA 113+56.87 TO STA 114+36.30 (S. Summit)	LT	15	CMP	102.36
FROM STA 10+76.50 TO STA 11+50.00 (N. Summit)	LT	15	CMP	72.65
TOTAL				888

PIPE CULVERT REMOVAL - SUMMIT DRIVE			
LOCATION	SIZE (INCHES)	TYPE	50105220 PIPE CULVERT REMOVAL
			FOOT
STA. 111+85.19 TO STA. 112+33.70, RT	12	CMP	48.6
STA. 12+14.58 TO STA. 12+34.88, LT	12	CMP	20.3
STA. 12+31.96 TO STA. 12+84.25, RT	12	CMP	52.3
STA. 13+73.16 TO STA. 13+99.55, LT	12	CMP	26.4
STA. 15+36.21 TO STA. 15+76.66, LT	14	CMP	40.5
STA. 15+67.61 TO STA. 15+87.76, RT	12	CMP	20.1
STA. 16+40.94 TO STA. 16+61.16, RT	12	CMP	20.2
STA. 17+00.16 TO STA. 17+24.24, LT	12	CMP	24.1
STA. 17+98.06 TO STA. 18+18.61, LT	12	CMP	20.6
STA. 18+01.65 TO STA. 18+47.33, RT	12	CMP	45.7
STA. 18+55.98 TO STA. 18+90.57, RT	12	CMP	34.6
STA. 18+60.53 TO STA. 18+82.55, LT	12	CMP	22.1
STA. 19+55.25 TO STA. 19+75.29, RT	12	CMP	20.0
STA. 20+03.95 TO STA. 20+30.13, LT	12	CMP	26.2
STA. 20+41.80 TO STA. 20+62.14, RT	12	CMP	20.3
STA. 21+01.41 TO STA. 21+37.55, LT	12	CMP	36.1
STA. 21+37.73 TO STA. 21+94.04, RT	12	CMP	56.5
STA. 24+80.70 TO STA. 24+88.74, RT	7' W x 4.75' H	ELLIPTICAL CMP	35.9
STA. 33+16.52 TO STA. 33+30.85, RT	18	CMP	30.1
STA. 34+26.99 TO STA. 34+48.86, RT	12	CMP	23.3
STA. 52+22.80 TO STA. 52+22.80, AR	12	CMP	34.6
		TOTAL	659

PIPE HANDRAIL			
LOCATION STATION TO STATION	LT/RT	DESCRIPTION	50901760 FOOT
FROM STA 196+37.51 TO STA 196+71.13	LT	WALL 1	33.60
FROM STA 197+25.70 TO STA 197+92.46	LT	WALL 2	66.70
TOTAL			100

REINFORCEMENT BARS			
LOCATION	OFFSET	SIDE	50800105
	FEET	LT/RT	POUND
NORTH SUMMIT DRIVE			
STA. 24+15.26 (CONCRETE HEADWALL)	92.75'	LT	1410
STA. 34+70.81 (DOUBLE 6'x6' BOX CULVERT)	92.75'	LT/RT	34790
		TOTAL	36200

MANHOLES TO BE ADJUSTED				
LOCATION	LT/RT	OFFSET FOOT	DESCRIPTION	60255500 EACH
IL ROUTE 8				
STA 199+38.42	RT	42.23	TEL MH	1
STA 200+41.82	LT	38.15	ELEC MH	1
TOTAL				2

MANHOLES TO BE ADJUSTED				
LOCATION	OFFSET FEET	LT/RT	DESCRIPTION	60255500 EACH
NORTH SUMMIT DRIVE				
STA. 13+67.42	11.0'	RT	ELEC MH	1
TOTAL				1

FILE NAME = $FILEL$

PLOT SCALE = $SCALE$	DESIGNED -	REVISED -	
PLOT DATE = $DATE$	DRAWN -	REVISED -	
PLOT TIME = $TIME$	CHECKED -	REVISED -	
	DATE -	REVISED -	

MAURER ▲ STUTZ, INC. ENGINEERS SURVEYORS

SCHEDULE OF QUANTITIES

SCALE: | SHEET NO. 6 OF 14 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	23
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

COMBINATION CONCRETE CURB AND GUTTER			
LOCATION	LT/RT	60603800 TYPE B-6.12 FOOT	60605000 TYPE B-6.24 FOOT
IL ROUTE 8			
FROM STA 194+85.10 TO STA 196+16.21		231.87	
FROM STA 194+60 TO STA 198+55.63	LT		396.42
FROM STA 194+60 TO STA 196+36.44	RT		225.93
FROM STA 196+65.74 TO STA 197+11.34	RT		88.05
FROM STA 197+11.34 TO STA 198+07.43	RT		96.84
FROM STA 198+07.43 TO STA 198+55.63	RT		48.20
FROM STA 198+55.83 TO STA 199+73.35	RT		230.74
FROM STA 113+22.45 TO STA 201+45.35	RT		225.48
FROM STA 198+55.63 TO STA 11+95.96	LT		294.71
FROM STA RT STA 11+95.96 TO LT STA 201+30.74			166.49
TOTALS		232.0	1773.0

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24		
LOCATION	LT/RT	60605000 FOOT
SOUTH SUMMIT DRIVE		
STA. 107+95.44 TO STA. 113+22.93	LT	527.56
STA. 107+95.44 TO STA. 113+22.93	RT	528.20
NORTH SUMMIT DRIVE		
STA. 11+95.91 TO STA. 12+00.00	LT	4.09
STA. 11+95.91 TO STA. 12+00.00	RT	4.09
STA. 12+00.00 TO STA. 18+00.00	LT	587.54
STA. 12+00.00 TO STA. 18+00.00	RT	574.02
STA. 18+00.00 TO STA. 24+00.00	LT	586.80
STA. 18+00.00 TO STA. 24+00.00	RT	587.14
STA. 24+00.00 TO STA. 30+00.00	LT	566.87
STA. 24+00.00 TO STA. 26+93.36	RT	292.01
STA. 27+29.54 TO STA. 30+00.00	RT	299.34
STA. 30+00.00 TO STA. 36+00.00	LT	566.88
STA. 30+00.00 TO STA. 36+00.00	RT	566.88
STA. 36+00.00 TO STA. 42+00.00	LT	586.96
STA. 36+00.00 TO STA. 42+00.00	RT	586.96
STA. 42+00.00 TO STA. 48+00.00	LT	579.92
STA. 42+00.00 TO STA. 48+00.00	RT	579.92
STA. 48+00.00 TO STA. 52+25.95	LT	440.50
STA. 48+00.00 TO STA. 52+25.70	RT	439.93
	TOTAL	8905.5

CONCRETE CURB, TYPE B		
LOCATION	OFFSET FEET	60600605 FOOT
SOUTH SUMMIT DRIVE		
STA. 113+08.82 LT TO STA. 113+36.93 RT	44' RT	28
TOTAL		28

CONCRETE CURB, TYPE B	
LOCATION	60600605 FOOT
IL ROUTE 8	
STA 195+58.08 (WEST SIDE)	12.35
STA 195+58.08 (EAST SIDE)	12.35
TOTAL	25.0

CONCRETE GUTTER, TYPE B		
LOCATION		60602800 FOOT
SOUTH SUMMIT DRIVE		
STA. 201+19.29 LT TO STA. 11+95.91 RT	PARKING LOT	135
TOTAL		135

CONCRETE GUTTER, TYPE B		
LOCATION STATION TO STATION	LT/RT	60602800 FOOT
IL ROUTE 8		
FROM STA 196+43.03 TO STA 196+84.13	LT	41.05
FROM STA 197+12.67 TO STA 197+93.43	LT	80.76
TOTAL		122

CONCRETE MEDIAN, TYPE SM - 6.12		
LOCATION OF NOSE	LT/RT	60622800 SQ FT
STA 194+85.10		55.29
STA 196+16.21		55.29
TOTAL		111

PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH, SPECIAL							42400420
LOCATION STATION TO STATION	LT/RT	DETAIL DIMENSIONS				LENGTH	
		W1	W2	H1	H2	FEET	SQ FT
FROM STA 198+67.20 TO STA 199+28.79	LT	6.50	0.50	0.50	0.50	61.59	492.70
FROM STA 199+28.91 TO STA 10+86.14	LT	6.50	0.50	0.50	0.50	108.22	865.80
FROM STA 11+40.80 TO STA 11+95.90	LT	6.50	0.50	0.50	0.75	55.10	454.60
FROM STA 199+28.85 TO STA 114+19.29 (S. Summit)	RT	6.50	0.50	0.50	0.50	62.40	499.20
FROM STA 113+22.45 TO STA 114+19.29 (S. Summit)	LT	8.00	0.50	0.50	0.50	95.19	904.30
						TOTAL	3,217

PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH				
LOCATION STATION TO STATION	LT/RT	AVERAGE WIDTH FEET	LENGTH FEET	42400100 SQ FT
FROM STA 194+60 TO STA 196+36.52	LT	6.00	176.52	1,059.12
FROM STA 194+60 TO STA 194+75	RT	5.00	15.00	75.00
FROM STA 194+75 TO STA 195+15	RT	6.00	40.00	240.00
FROM STA 195+15 TO STA 196+05.79	RT	7.00	90.78	635.46
FROM STA 196+05.78 TO STA 196+36.54	RT	7.00	40.49	283.43
FROM STA 197+93.46 TO STA 198+08.17	RT	6.00	14.71	88.26
FROM STA 196+80.78 TO STA 197+06.50	RT	7.00	31.05	217.35
FROM STA 197+48.25 TO STA 197+77.78	RT	7.00	29.76	208.32
FROM STA 198+34.74 TO STA 198+43.99	RT	7.00	9.25	64.75
FROM STA 199+00.01 TO STA 199+28.87	RT	7.00	28.86	202.02
FROM STA 113+22.45 TO STA 113+36.64	RT	8.00	14.19	113.52
FROM STA 113+84.64 TO STA 114+21.56	RT	8.00	36.92	295.36
FROM STA 10+70.37 TO STA 11+95.91	RT	7.00	155.68	1,204.58
FROM STA 114+21.57 TO STA 201+45.35 (IL 8)	RT	8.00	125.50	1004.0
TOTAL				5,691

PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH				
LOCATION STATION TO STATION	LT/RT	AVERAGE WIDTH FEET	LENGTH FEET	42400100 PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH SQ FT
SOUTH SUMMIT DRIVE				
STA. 112+41.13 TO STA. 113+22.45	RT	8.00	81.80	646.1
STA. 11+95.91 TO STA. 12+24.37	RT	7.00	28.46	199.2
			TOTAL	845

PORTLAND CEMENT CONCRETE SIDEWALK, 6 INCH				
LOCATION STATION TO STATION	LT/RT	AVERAGE WIDTH FEET	LENGTH FEET	42400300 SQ FT
STA 195+58.08	Median	6.00	12.35	74.10
TOTAL				74

PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH, SPECIAL								
LOCATION STATION TO STATION	LT/RT	DETAIL DIMENSIONS				LENGTH	42400420 PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH, SPECIAL	
		W1	W2	H1	H2	FEET	SQ FT	
SOUTH SUMMIT DRIVE								
STA. 112+90.19 TO STA. 113+22.45	LT	8.00	0.50	0.50	0.50	32.26	306.5	
						TOTAL	307	

PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH, SPECIAL				
LOCATION STATION TO STATION	LT/RT	AVERAGE WIDTH FEET	LENGTH FEET	42400440 SQ FT
FROM STA 196+36.52 TO STA 196+72.08	LT	6.00	35.56	213.36
FROM STA 197+24.70 TO STA 197+93.46	LT	6.00	68.76	412.56
TOTAL				626

FILE NAME = $FILEL$

PLOT SCALE = $SCALE$	DESIGNED -	REVISED -
PLOT DATE = $DATE$	DRAWN -	REVISED -
PLOT TIME = $TIME$	CHECKED -	REVISED -
	DATE -	REVISED -

MAURER ▲ STUTZ, INC.
ENGINEERS SURVEYORS

SCHEDULE OF QUANTITIES

SCALE: | SHEET NO. 7 OF 14 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	24
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SHORT-TERM PAVEMENT MARKING	
LOCATION STATION	70300100 FOOT
FROM STA 201+44.71 TO STA 204+60	240
TOTAL	240

TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS				
LOCATION STATION	OFFSET	DESCRIPTION	STAGE	70300210 SQ FT
192+17.50	RT	LT ARROW - SMALL	1	8.8
193+78.00	RT	LT ARROW - SMALL	1	8.8
195+74.00	RT	LT ARROW - SMALL	1	8.8
195+82.00	RT	LT ARROW - SMALL	1	8.8
199+23.00	RT	LT ARROW - SMALL	1	8.8
199+80.00	RT	LT ARROW - SMALL	1	8.8
201+04.00	RT	LT ARROW - SMALL	1	8.8
204+64.00	RT	LT ARROW - SMALL	1	8.8
190+50.00	LT	LT ARROW - SMALL	2	8.8
190+94.00	LT	LT ARROW - SMALL	2	8.8
191+79.00	LT	LT ARROW - SMALL	2	8.8
192+23.00	LT	LT ARROW - SMALL	2	8.8
194+16.00	LT	LT ARROW - SMALL	2	8.8
194+72.00	LT	LT ARROW - SMALL	2	8.8
197+31.50	LT	LT ARROW - SMALL	2	8.8
197+86.00	LT	LT ARROW - SMALL	2	8.8
198+84.00	LT	LT ARROW - SMALL	2	8.8
199+37.50	LT	LT ARROW - SMALL	2	8.8
201+21.00	LT	LT ARROW - SMALL	2	8.8
201+96.00	LT	LT ARROW - SMALL	2	8.8
192+17.50	RT	LT ARROW - SMALL	3	8.8
193+90.00	LT	LT ARROW - SMALL	3	8.8
TOTAL				194

TEMPORARY PAVEMENT MARKING - LINE 8"					
LOCATION STATION TO STATION			LT/RT	STAGE	70300250 FOOT
191+84.00	TO	192+34.0	RT	1	50.0
199+15.00	TO	199+90.0	RT	1	75.0
200+85.00	TO	201+85.0	RT	1	100.0
189+38.00	TO	190+97.0	LT	2	159.0
191+65.00	TO	192+34.0	LT	2	69.0
194+05.00	TO	194+80.0	LT	2	75.0
197+20.00	TO	197+95.0	LT	2	75.0
198+75.00	TO	199+50.0	LT	2	75.0
201+08.00	TO	201+38.0	LT	2	30.0
191+84.00	TO	192+34.0	RT	3	50.0
193+75.00	TO	194+50.0	LT	3	75.0
				TOTAL	833.0

TEMPORARY PAVEMENT MARKING - LINE 4"					
LOCATION STATION TO STATION			LT/RT	DESCRIPTION	STAGE	70300220 FOOT
188+05.00	TO	191+25.00	RT	SOLID YELLOW LINE	1	320.0
193+64.00	TO	194+60.00	RT	SOLID WHITE LINE	1	96.0
193+65.00	TO	194+61.00	RT	SOLID WHITE LINE	1	96.0
193+64.00	TO	195+35.00	RT	DOUBLE YELLOW LINE	1	342.0
194+60.00	TO	199+90.00	LT	SOLID WHITE LINE	1	530.0
194+60.00	TO	196+31.50	RT	SOLID WHITE LINE	1	171.5
195+35.00	TO	199+90.00	RT	SOLID YELLOW LINE	1	455.0
195+35.00	TO	199+15.00	RT	SOLID YELLOW LINE	1	380.0
196+91.20	TO	198+23.00	RT	SOLID WHITE LINE	1	131.8
200+66.00	TO	205+85.00	RT	SOLID WHITE LINE	1	519.0
200+85.00	TO	205+85.00	LT	SOLID WHITE LINE	1	500.0
200+85.00	TO	205+85.00	RT	SOLID YELLOW LINE	1	500.0
201+85.00	TO	205+85.00	RT	SOLID YELLOW LINE	1	400.0
10+10.00	TO	13+00.00	CL	DOUBLE YELLOW LINE	1a	580.0
10+03.00	TO	13+00.00	LT	SOLID WHITE LINE	1a	297.0
10+03.00	TO	13+00.00	RT	SOLID WHITE LINE	1a	297.0
10+03.00	TO	10+60.00	LT	SOLID WHITE LINE	1b	57.0
10+03.00	TO	13+00.00	LT	SOLID YELLOW LINE	1b	297.0
10+03.00	TO	13+00.00	RT	SOLID YELLOW LINE	1b	297.0
186+70.00	TO	192+50.00	RT	SOLID WHITE LINE	2	580.0
191+50.00	TO	192+34.00	LT	DOUBLE YELLOW LINE	2	168.0
194+05.00	TO	196+35.00	LT	DOUBLE YELLOW LINE	2	460.0
192+50.00	TO	199+50.00	RT	SOLID WHITE LINE	2	700.0
194+60.00	TO	199+64.00	LT	SOLID WHITE LINE	2	504.0
197+20.00	TO	199+50.00	LT	DOUBLE YELLOW LINE	2	460.0
200+88.80	TO	203+50.00	LT	SOLID WHITE LINE	2	261.2
201+00.00	TO	204+40.00	LT	DOUBLE YELLOW LINE	2	680.0
201+00.00	TO	203+50.00	LT	SOLID WHITE LINE	2	250.0
202+13.00	TO	204+40.00	LT	SOLID YELLOW LINE	2	227.0
203+50.00	TO	204+10.00	LT	SOLID WHITE LINE	2	150.0
113+23.00	TO	114+50.00	LT	DOUBLE CENTERLINE	2a	254.0
113+23.00	TO	115+05.00	LT	SOLID WHITE LINE	2a	182.0
200+46.00	TO	201+00.00	RT	SOLID WHITE LINE	2a	54.0
113+23.00	TO	115+05.00	RT	SOLID WHITE LINE	2b	182.0
113+23.00	TO	114+50.00	RT	DOUBLE CENTERLINE	2b	254.0
198+50.00	TO	200+20.00	RT	SOLID WHITE LINE	2b	170.0
114+00.00	TO	115+05.00	LT	SOLID YELLOW LINE	2c	105.0
114+00.00	TO	115+05.00	RT	SOLID YELLOW LINE	2c	105.0
114+50.00	TO	201+37.50	RT	SOLID WHITE LINE	2c	107.9
190+25.00	TO	191+25.00	RT	SOLID YELLOW LINE	3	100.0
193+75.00	TO	195+50.00	LT	SOLID YELLOW LINE	3	175.0
193+75.00	TO	195+50.00	RT	SOLID YELLOW LINE	3	175.0
194+50.00	TO	195+50.00	LT	SOLID WHITE LINE	3	100.0
195+50.00	TO	199+49.00	LT	SOLID WHITE LINE	3	399.0
195+50.00	TO	196+20.00	LT	SOLID YELLOW LINE	3	70.0
195+50.00	TO	196+13.00	RT	SOLID YELLOW LINE	3	63.0
TOTAL						13,202

TEMPORARY PAVEMENT MARKING - LINE 24"			
LOCATION STATION		STAGE	70300280 FOOT
192+34.00		1	12.0
193+64.00		1	11.0
199+90.00		1	42.1
200+85.00		1	22.0
10+10.00		1a	11.5
10+10.00		1b	33.0
190+38.00		2	12.0
192+34.00		2	12.0
194+05.00		2	11.0
197+20.00		2	11.0
114+50.00		2a	11.5
114+50.00		b2	18.0
192+34.00		3	12.0
193+75.00		3	11.0
TOTAL			230

SIGN PANEL - TYPE 2			
LOCATION	OFFSET FEET	LT/RT	72000200 SQ FT
ILLINOIS ROUTE 8			
STA 201+00.00	72.0'	LT	11
STA 199+84.00	53.0'	LT	15
STA 199+55.00	70.0'	RT	11
STA 200+90.00	57.0'	RT	15
TOTAL			52

GROOVING FOR RECESSED PAVEMENT MARKING 7"			
LOCATION STATION TO STATION	LT/RT	DESCRIPTION	X7030074 FOOT
FROM STA 189+37 TO STA 193+40	RT	WHITE SKIP-DASH	100
FROM STA 189+37 TO STA 197+68.89	LT	WHITE SKIP-DASH	210
FROM STA 197+68.89 TO STA 199+49	LT	WHITE SKIP-DASH	50
TOTAL			360

PERMANENT SURVEY MARKERS, TYPE I	
LOCATION	66700205.00 EACH
STA. 196+69.55 (ARGO ST. INTERSECTION)	1
STA. 200+26.96 (S. SUMMIT INTERSECTION)	1
STA. 200+23.88 (N. SUMMIT INTERSECTION)	1
TOTAL	3

TEMPORARY PAVEMENT MARKING - LINE 12"			
LOCATION STATION TO STATION		STAGE	70300260 FOOT
202+11.53 TO 205+00.00		1	138.7
205+00.00 TO 205+60.00		1	31.1
	TOTAL		170

WORK ZONE PAVEMENT MARKING REMOVAL	
LOCATION	70301000 SQFT
ENTIRE PROJECT	5,780
TOTAL	5,780

PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"							
LOCATION STATION TO STATION	LT/RT	DESCRIPTION	LENGTH FOOT	SPACING FOOT	NUMBER OF STRIPES PER LENGTH	LENGTH OF LINE FOOT	78003130 FOOT
FROM STA 189+37 TO STA 193+40	RT	WHITE SKIP DASH LINE	403	40	10	10	100
FROM STA 189+37 TO STA 197+68.89	LT	WHITE SKIP DASH LINE	831.89	40	21	10	210
FROM STA 197+68.89 TO STA 199+49	LT	WHITE SKIP DASH LINE	180.11	40	5	10	50
TOTAL							360

FILE NAME = $FILEL$

PLOT SCALE = $SCALE$ | PLOT DATE = $DATE$ | PLOT TIME = $TIME$

DESIGNED - | DRAWN - | CHECKED - | DATE -

REVISED - | REVISED - | REVISED - | REVISED -

MAURER & STUTZ, INC. ENGINEERS SURVEYORS

SCHEDULE OF QUANTITIES

SCALE: | SHEET NO. 8 OF 14 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	25
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

THERMOPLASTIC PAVEMENT MARKING - LINE 4"							
LOCATION STATION TO STATION					DESCRIPTION	NUMBER OF STRIPES	78000200 FOOT
SOUTH SUMMIT DRIVE							
STA.	107+95.44	TO	STA.	111+13.41	APPROACH TAPER	4	1226.5
STA.	111+13.41	TO	STA.	112+89.40	LEFT TURN LANE TAPER	4	692.6
STA.	112+89.40	TO	STA.	113+22.93	CL TO PCC PAVEMENT	2	67.1
NORTH SUMMIT DRIVE							
STA.	11+95.91	TO	STA.	12+04.59	PCC PAVEMENT TO CL	2	17.4
STA.	12+04.59	TO	STA.	13+79.58	LEFT TURN LANE TAPER	4	684.74
STA.	13+79.58	TO	STA.	15+64.60	APPROACH TAPER	4	707.11
STA.	15+64.60	TO	STA.	18+00.00	CL STRIPE	2	470.8
STA.	18+00.00	TO	STA.	24+00.00	CL STRIPE	2	1200
STA.	24+00.00	TO	STA.	30+00.00	CL STRIPE	2	1200
STA.	30+00.00	TO	STA.	36+00.00	CL STRIPE	2	1200
STA.	36+00.00	TO	STA.	42+00.00	CL STRIPE	2	1200
STA.	42+00.00	TO	STA.	48+00.00	CL STRIPE	2	1200
STA.	48+00.00	TO	STA.	52+00.00	CL STRIPE	2	800
						TOTAL	10,666

THERMOPLASTIC PAVEMENT MARKING - LINE 8"							
LOCATION STATION TO STATION					DESCRIPTION	NUMBER OF STRIPES	78000500 FOOT
SOUTH SUMMIT DRIVE							
STA.	112+87.40	TO	STA.	113+22.93	OFFSET LT TURN LANE LINE	2	73.3
STA.	113+21.43	TO	STA.	113+22.93	RT TURN LANE LINE	1	1.5
NORTH SUMMIT DRIVE							
STA.	11+95.91	TO	STA.	12+06.58	OFFSET LT TURN LANE LINE	2	23.7
STA.	11+95.91	TO	STA.	12+42.55	OFFSET LT TURN LANE LINE	1	46.6
						TOTAL	145

THERMOPLASTIC PAVEMENT MARKING - LINE 12"						
LOCATION STATION TO STATION					DESCRIPTION	78000600 FOOT
SOUTH SUMMIT DRIVE						
STA.	108+30.59	TO	STA.	112+66.84	TAPER MEDIAN STRIPES - 15' ON CENTERS	193.8
STA.	112+92.36				LT TURN OFFSET CHEVRONS	5.6
STA.	113+12.38				LT TURN OFFSET CHEVRONS	5.6
NORTH SUMMIT DRIVE						
STA.	12+34.90	TO	STA.	15+28.19	TAPER MEDIAN STRIPES - 15' ON CENTERS	109.6
STA.	51+99				WEST RADIUS RETURN AT CENTENNIAL DRIVE	2.6
STA.	52+18				WEST RADIUS RETURN AT CENTENNIAL DRIVE	4.8
STA.	52+27				WEST RADIUS RETURN AT CENTENNIAL DRIVE	5.8
STA.	52+03				EAST RADIUS RETURN AT CENTENNIAL DRIVE	3.2
STA.	52+18				EAST RADIUS RETURN AT CENTENNIAL DRIVE	5.0
STA.	52+26				EAST RADIUS RETURN AT CENTENNIAL DRIVE	5.7
TOTAL						342

THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS		
LOCATION STATION	DESCRIPTION	78000100 SQ FT
SOUTH SUMMIT DRIVE		
STA. 113+17.75	LEFT TURN ARROW - SMALL	8.8
TOTAL		9

PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS		
LOCATION STATION	DESCRIPTION	78001100 SQ FT
RT STA 198+68.42	RIGHT TURN ARROW - SMALL	8.8
RT STA 199+40.08	RIGHT TURN ARROW - SMALL	8.8
LT STA 201+37.79	LEFT TURN ARROW - SMALL	8.8
LT STA 202+13.11	LEFT TURN ARROW - SMALL	8.8
TOTAL		35

PAINT PAVEMENT MARKING - LINE 4"							
LOCATION STATION TO STATION	LT/RT	DESCRIPTION	LENGTH FOOT	SPACING FOOT	NUMBER OF STRIPES PER	LENGTH OF FOOT	78001110 FOOT
FROM STA 193+39.62 TO STA 196+40.51	RT	SOLID WHITE LINE	336.03		1		336
FROM STA 197+11.22 TO STA 199+77.07	RT	SOLID WHITE LINE	301.81		1		302
FROM STA 200+58.20 TO STA 204+60	RT	SOLID WHITE LINE	409.38		1		409
FROM STA 200+86.87 TO STA 204+60	LT	SOLID WHITE LINE	490.74		1		491
TOTAL							1538

PAINT PAVEMENT MARKING - LINE 8"							
LOCATION STATION TO STATION	RT/LT	DESCRIPTION	LENGTH FOOT	SPACING FOOT	NUMBER OF STRIPES PER	LENGTH OF FOOT	78001140 FOOT
FROM STA 197+11.22 TO STA 198+53.40	RT	WHITE SKIP DASH LINE	148	9	17	3	51.00
FROM STA 198+53.40 TO STA 199+49	RT	WHITE SOLID LINE	95.6		1	95.6	95.60
FROM STA 201+12.92 TO STA 202+17.94	LT	WHITE SOLID LINE	105.02		1	105.02	105.02
FROM STA 202+17.94 TO STA 204+10	LT	WHITE SKIP DASH LINE	192.06	9	22	3	66.00
TOTAL							318

PAINT PAVEMENT MARKING - LINE 12"			
LOCATION STATION TO STATION	LT/RT	DESCRIPTION	78001150 FOOT
FROM STA 193+39.62 TO STA 196+40.51	RT	WHITE DIAGONAL LINE	121.25
FROM STA 197+11.22 TO STA 199+77.07	RT	WHITE DIAGONAL LINE	165.00
FROM STA 200+58.20 TO STA 201+45.36	RT	WHITE DIAGONAL LINE	50.42
FROM STA 200+78.88 TO STA 201+30.13	LT	WHITE DIAGONAL LINE	56.19
TOTAL			393

FILE NAME = $FILEL$

PLOT SCALE = $SCALE$	DESIGNED -	REVISED -	
PLOT DATE = $DATE$	DRAWN -	REVISED -	
PLOT TIME = $TIME$	CHECKED -	REVISED -	
	DATE -	REVISED -	

MAURER ▲ STUTZ, INC. ENGINEERS SURVEYORS

SCHEDULE OF QUANTITIES

SCALE: | SHEET NO. 9 OF 14 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	26
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

EPOXY PAVEMENT MARKING - LINE 4"							
LOCATION STATION TO STATION	LT/RT	DESCRIPTION	LENGTH	SPACING	NUMBER OF STRIPES PER LENGTH	LENGTH OF LINE	78005110
			FOOT	FOOT		FOOT	FOOT
IL ROUTE 8							
FROM STA 189+37 TO STA 197+68.89	RT	YELLOW SOLID LINE	831.89		1		832
FROM STA 189+37 TO STA 197+68.89	LT	YELLOW SOLID LINE	831.89		1		832
FROM STA 189+37 TO STA 194+84.89	LT	YELLOW SKIP DASH LINE	547.89	40	14	10	140
FROM STA 189+37 TO STA 194+84.89	RT	YELLOW SKIP DASH LINE	547.89	40	14	10	140
FROM STA 196+16.19 TO STA 197+68.89	LT	YELLOW SKIP DASH LINE	152.7	40	4	10	40
FROM STA 196+16.19 TO STA 197+68.89	RT	YELLOW SKIP DASH LINE	152.7	40	4	10	40
FROM STA 197+68.89 TO STA 199+49.00	LT	DOUBLE YELLOW LINE	180.11		2		360
FROM STA 201+12.92 TO STA 203+05.00	RT	DOUBLE YELLOW LINE	192.08		2		384
FROM STA 203+05.00 TO STA 204+60.00	LT	YELLOW SOLID LINE	155		1		155
FROM STA 203+05.00 TO STA 204+60.00	RT	YELLOW SOLID LINE	155		1		155
FROM STA 203+05.00 TO STA 204+60.00	LT	YELLOW SKIP DASH LINE	155	40	4	10	40
FROM STA 203+05.00 TO STA 204+60.00	RT	YELLOW SKIP DASH LINE	155	40	4	10	40
FROM STA 113+22.93 TO STA 114+22.43	LT	DOUBLE YELLOW LINE	99.5		2		199
FROM STA 10+77.50 TO STA 11+95.96	RT	DOUBLE YELLOW LINE	118.46		2		237
TOTAL							3594

EPOXY PAVEMENT MARKING - LINE 8"			
LOCATION STATION TO STATION	LT/RT	DESCRIPTION	78005140
			FOOT
STA 199+57.94		WHITE SOLID LINE - CROSSWALK	173.04
STA 10+60 (N. Summit)		WHITE SOLID LINE - CROSSWALK	190.62
STA 201+00.00		WHITE SOLID LINE - CROSSWALK	183.50
STA 113+83.66 (S. Summit)		WHITE SOLID LINE - CROSSWALK	174.00
FROM STA 198+43.00 TO STA 199+49.00	RT	WHITE SOLID LINE	215.14
FROM STA 201+12.92 TO STA 202+31.00	LT	WHITE SOLID LINE	239.30
FROM STA 10+77.50 TO STA 11+95.96	LT	WHITE SOLID LINE	236.92
FROM STA 10+77.50 TO STA 11+95.96	LT	WHITE SOLID LINE	118.46
FROM STA 113+22.93 TO STA 114+22.43	RT	WHITE SOLID LINE	199.00
FROM STA 113+22.93 TO STA 114+22.43	RT	WHITE SOLID LINE	99.50
TOTAL			1829

EPOXY PAVEMENT MARKING - LINE 12"						
LOCATION STATION TO STATION	DESCRIPTION	LENGTH	SPACING	NUMBER OF CHEVRONS	LENGTH OF	78005150
		FOOT	FOOT		FOOT	FOOT
FROM STA 198+43.00 TO STA 199+49.00	CHEVRONS	106	20	5	2.74	13.7
FROM STA 201+12.92 TO STA 202+31.00	CHEVRONS	118.08	20	6	2.74	16.44
FROM STA 10+77.50 TO STA 11+95.96	CHEVRONS	118.46	20	6	6	36
FROM STA 113+22.93 TO STA 114+22.43	CHEVRONS	99.50	20	4	6	24
TOTAL						90

EPOXY PAVEMENT MARKING - LINE 24"		
LOCATION STATION	DESCRIPTION	78005180
		FOOT
STA 199+49	STOP BAR	44.24
STA 201+07.61	STOP BAR	43.70
STA 114+22.43	STOP BAR	39.68
STA 10+77.50	STOP BAR	40.50
TOTAL		168

RAISED REFLECTIVE PAVEMENT MARKERS 78100100				
LOCATION STATION TO STATION	LT/RT	ONE WAY (CRYSTAL) EACH	TWO WAY (AMBER) EACH	ONE WAY (AMBER) EACH
STA 189+37 TO STA 199+49	LT	13		
STA 189+37 TO STA 193+40	RT	5		
STA 189+37 TO STA 197+68.49	LT		21	
STA 189+37 TO STA 197+68.49	RT		21	
STA 197+68.89 TO STA 199+49	LT		10	
STA 201+12.92 TO STA 203+05	RT		10	
STA 201+12.92 TO STA 203+05	LT	6		
STA 198+43.00 TO STA 199+49	RT	6		
STA 201+12.92 TO STA 202+17.94	RT	3		
STA 203+05 TO STA 204+60	LT		4	
STA 203+05 TO STA 204+60	RT		4	
SUB-TOTAL		33	70	0
TOTAL				103

EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS		
LOCATION STATION	DESCRIPTION	78005100
		SQ FT
IL ROUTE 8		
STA 190+50	RIGHT TURN ARROW - SMALL	8.8
STA 190+50	LEFT TURN ARROW - SMALL	8.8
STA 194+00	RIGHT TURN ARROW - SMALL	8.8
STA 194+00	LEFT TURN ARROW - SMALL	8.8
STA 197+37	RIGHT TURN ARROW - SMALL	8.8
STA 197+37	LEFT TURN ARROW - SMALL	8.8
STA 198+49.37	RIGHT TURN ARROW - SMALL	8.8
STA 199+39.38	RIGHT TURN ARROW - SMALL	8.8
STA 201+37.37	LEFT TURN ARROW - SMALL	8.8
STA 202+13.11	LEFT TURN ARROW - SMALL	8.8
STA 11+00	RIGHT TURN ARROW - SMALL	8.8
STA 11+00	LEFT TURN ARROW - SMALL	8.8
STA 11+75	RIGHT TURN ARROW - SMALL	8.8
STA 11+75	LEFT TURN ARROW - SMALL	8.8
STA 10+95	THROUGH ARROW - SMALL	6.5
STA 113+34	LEFT TURN ARROW - SMALL	8.8
STA 113+34	RIGHT TURN ARROW - SMALL	8.8
STA 113+96	LEFT TURN ARROW - SMALL	8.8
STA 113+96	RIGHT TURN ARROW - SMALL	8.8
TOTAL		165

RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	
LOCATION	78300200
	EACH
FROM STA 201+45.24 TO STA 204+60	30
TOTAL	30

FILE NAME = $FILEL$

PLOT SCALE = $SCALE$ | PLOT DATE = $DATE$ | PLOT TIME = $TIME$

DESIGNED - | DRAWN - | CHECKED - | DATE -

REVISED - | REVISED - | REVISED - | REVISED -

MAURER ▲ STUTZ, INC. ENGINEERS SURVEYORS

SCHEDULE OF QUANTITIES

SCALE: | SHEET NO. 10 OF 14 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	27
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PIPE CULVERTS, CLASS A, TYPE 2 42"		
LOCATION	OFFSET FEET	542A1087 FOOT
NORTH SUMMIT DRIVE		
STA. 49+18.89 LT TO STA. 49+27.46 RT	25.8' LT TO 31.7' RT	53
STA. 49+26.07 LT TO STA. 49+34.64 RT	26.9' LT TO 30.7' RT	58
	TOTAL	111

PIPE CULVERTS, CLASS A, TYPE 6 72"		
LOCATION	OFFSET FEET	542A4057 FOOT
NORTH SUMMIT DRIVE		
STA. 23+45.85 RT TO STA. 24+10.49 LT (SKEW=31°45'20" LEFT AHEAD)	11.68' RT TO 92.75' LT	122.8
STA. 24+20.03 LT TO STA. 24+88.73 RT (SKEW=22°23'6" RIGHT AHEAD)	92.75' LT TO 74.05' RT	180.7
	TOTAL	304

PIPE CULVERTS, CLASS A, TYPE 7 48"		
LOCATION	OFFSET FEET	542A4663 FOOT
NORTH SUMMIT DRIVE		
STA. 23+01.47 RT TO STA. 23+40.59 RT (SKEW=31°45'20" LEFT AHEAD)	83.38' RT TO 20.18' RT	74.3
	TOTAL	74

PIPE CULVERT, CLASS D, TYPE 1 15"		
LOCATION STATION TO STATION	RT / LT	542D0220 FOOT
FROM STA 205+15.10 TO STA 205+79.51	RT	59.48
FROM STA 206+97.49 TO STA 207+85.61	RT	83.13
TOTAL		143

CONCRETE HEADWALL FOR PIPE DRAINS		
LOCATION	OFFSET FEET	60100060 CONCRETE HEADWALL FOR PIPE DRAINS EACH
NORTH SUMMIT DRIVE		
STA. 16+13.25 LT	22.9' LT	1
STA. 16+13.25 RT	22.9' RT	1
STA. 20+11.75 LT	22.9' LT	1
STA. 20+58.25 RT	22.9' RT	1
	TOTAL	4

PIPE UNDERDRAINS 4"		
LOCATION	OFFSET FEET	60107600 PIPE UNDERDRAINS 4" FOOT
NORTH SUMMIT DRIVE		
STA. 36+50 LT TO STA. 42+00 LT	17.58' LT	550
STA. 36+50 RT TO STA. 42+00 RT	17.58' RT	550
	TOTAL	1100

PIPE UNDERDRAINS 8"		
LOCATION	OFFSET FEET	60107800 PIPE UNDERDRAINS 8" FOOT
NORTH SUMMIT DRIVE		
STA. 16+01.50 LT TO STA. 16+13.25 LT	15' TO 22.9' LT	14
STA. 16+01.50 RT TO STA. 16+13.25 RT	15' TO 22.9' RT	14
STA. 20+11.75 LT TO STA. 20+23.50 LT	22.9' TO 15' LT	14
STA. 20+46.50 RT TO STA. 20+58.25 RT	15' TO 22.9' RT	14
	TOTAL	56

STOP SIGN, COMPLETE		
LOCATION STATION	LT/RT	*4002010 EACH
NORTH SUMMIT DRIVE		
STA. 27+35.00	RT	1
STA. 52+18.00	LT	1
STA. 51+95.00	RT	1
STA. 52+64.15	RT	1
	TOTAL	4

DOUBLE HANDHOLE REMOVAL		
LOCATION	LT/RT	89502382 EACH
IL ROUTE 8 / SUMMIT DRIVE INTERSECTION		
200+69.00	RT	1
	TOTAL	1

SANITARY MANHOLES TO BE ADJUSTED			
LOCATION	OFFSET FEET	LT/RT	X0321556 EACH
SOUTH SUMMIT DRIVE			
STA. 110+89.17	12.2'	LT	1
NORTH SUMMIT DRIVE			
STA. 13+08.74	15.8'	LT	1
STA. 16+08.70	13.0'	LT	1
STA. 19+74.08	14.1'	LT	1
STA. 21+74.18	15.7'	LT	1
STA. 26+90.66	22.5'	RT	1
STA. 28+47.74	11.9'	RT	1
		TOTAL	7

SANITARY MANHOLES TO BE ADJUSTED - IL ROUTE 8			
LOCATION	LT/RT	OFFSET FOOT	X0321556 EACH
STA 195+70.83	LT	44.21	1
STA 196+38.17	LT	33.80	1
STA 197+03.98	LT	25.41	1
STA 200+11.21	LT	18.26	1
STA 200+08.64	RT	28.03	1
TOTAL			5

REMOVING MANHOLES			
LOCATION	LT/RT	OFFSET FOOT	60500040 EACH
STA 195+62.13	RT	44.51	1
STA 195+78.80	RT	44.79	1
TOTAL			2

MAILBOX REMOVAL AND RELOCATION		
LOCATION STATION	LT/RT	XX000856 EACH
SOUTH SUMMIT DRIVE		
STA. 110+32.28	LT	1
STA. 111+45.96	LT	1
NORTH SUMMIT DRIVE		
STA. 12+55.58	LT	1
STA. 14+26.91	LT	1
STA. 15+87.78	RT	1
STA. 16+94.56	LT	1
STA. 17+96.63	RT	1
STA. 18+27.23	LT	1
STA. 18+49.67	RT	1
STA. 18+52.70	RT	1
STA. 18+85.87	LT	1
STA. 20+00.81	LT	1
STA. 20+37.01	RT	1
STA. 20+82.23	LT	1
STA. 20+88.09	LT	1
	TOTAL	15

WATER VALVES TO BE ADJUSTED			
LOCATION	LT/RT	OFFSET FEET	56109210 EACH
STA 199+98.55	RT	44.21	1
STA 199+98.73	RT	49.50	1
STA 200+01.82	LT	29.4	1
STA 200+04.31	LT	24.00	1
STA 200+06.46	RT	21.00	1
TOTAL			5

GAS VALVE TO BE ADJUSTED			
LOCATION	OFFSET FEET	LT/RT	X0322468 EACH
STA. 200+29.92	28'	RT	1
		TOTAL	1

FIRE HYDRANTS TO BE MOVED			
LOCATION	LT/RT	OFFSET FEET	56400100 EACH
STA 199+76.13	LT	36.72	1
TOTAL			1

FILE NAME = $FILEL$

PLOT SCALE = $SCALE$
PLOT DATE = $DATE$
PLOT TIME = $TIME$

DESIGNED -
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MAURER ▲ STUTZ, INC.
ENGINEERS SURVEYORS

SCHEDULE OF QUANTITIES

SCALE: | SHEET NO. 11 OF 14 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	28
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PRECAST MODULAR BLOCK WALL		
LOCATION	LT/RT	Z0043750
		SQ FT
FROM STA 196+36.52 TO STA 196+84.17	LT	146
FROM STA 197+12.70 TO STA 197+92.46	LT	243
FROM STA 11+95.90 TO STA 201+30.54	RT/LT	713.9
TOTAL		1103

CONDUIT IN TRENCH, 2" DIA., PVC			
LOCATION			81012600
			FOOT
IL ROUTE 8 / SUMMIT DRIVE INTERSECTION			
SPLICE	TO	HH-4	5
HH-4	TO	HH-1	337
SPLICE	TO	HH-2	47
SPLICE	TO	HH-1	6
SPLICE	TO	HH-3	13
SPLICE	TO	HH-5	12
HH-5	TO	HH-3	330
SPLICE	TO	DHH1	45
		TOTAL	795

SERVICE INSTALLATION, TYPE B				
LOCATION STATION		OFFSET FEET	LT/RT	80500200 EACH
IL ROUTE 8				
STA.	200+99	62	RT	1
TOTAL				1

CONDUIT IN TRENCH, 3" DIA., PVC			
LOCATION			81012800
			FOOT
IL ROUTE 8 / SUMMIT DRIVE INTERSECTION			
MA-2	TO	HH-2	16
HH-2	TO	HH-1	99
MA-3	TO	HH-1	20
MA-1	TO	HH-3	9
HH-3	TO	DHH-1	118
MA-4	TO	DHH-1	15
TOTAL			277

CONDUIT IN TRENCH, 3 1/2" DIA., PVC			
LOCATION			81012900
			FOOT
IL ROUTE 8 / SUMMIT DRIVE INTERSECTION			
DHH-1	TO	CONT	6
HH-1	TO	DHH-1	160
		TOTAL	166

HANDHOLE, PORTLAND CEMENT CONCRETE			
LOCATION	LT/RT	DESCRIPTION	81400700 EACH
IL ROUTE 8 / SUMMIT DRIVE INTERSECTION			
199+45	RT	HH-1	1
199+71	LT	HH-2	1
201+05	LT	HH-3	1
196+08	RT	HH-4	1
204+30	LT	HH-5	1
TOTAL			5

DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE			
LOCATION	LT/RT	DESCRIPTION	81400720 EACH
IL ROUTE 8 / SUMMIT DRIVE INTERSECTION			
201+05	RT	DHH-1	1
TOTAL			1

TRAFFIC CONTROL SCHEDULE								
LOCATION	70100460 TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	70100500 TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	70102620 TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	70102622 TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	70102632 TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	70102635 TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	70102640 TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	70103816 TRAFFIC CONTROL SURVEILLANCE
	L SUM	L SUM	L SUM	L SUM	L SUM	L SUM	L SUM	CAL MO
ENTIRE PROJECT	1	1	1	1	1	1	1	20
TOTALS	1	1	1	1	1	1	1	20

MOBILIZATION	
LOCATION	67100100
	L SUM
ENTIRE PROJECT	1
TOTAL	1

ENGINEER'S FIELD OFFICE, TYPE B	
LOCATION	67000500
	CAL MO
ENTIRE PROJECT	12
TOTAL	12

CHANGEABLE MESSAGE SIGN	
LOCATION	70106800
	CAL MO
ENTIRE PROJECT - 4 SIGNS	80
TOTAL	80

CONSTRUCTION LAYOUT	
LOCATION	Z0013798
	L SUM
ENTIRE PROJECT	1
TOTAL	1

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, SPECIAL	
LOCATION STATION	XX005703 L SUM
IL ROUTE 8 / SUMMIT DRIVE INTERSECTION	1
TOTAL	1

BATTERY BACKUP SYSTEM WITH CABINET	
LOCATION STATION	X0324134 EACH
SUMMIT DRIVE EXTENSION	
TRAFFIC SIGNAL LAYOUT PLAN	1.0
TOTAL	1

REMOVE EXISTING JUNCTION BOX			
LOCATION STATION		LT/RT	81306500 EACH
IL ROUTE 8			
STA.	197+45	RT	1
STA.	199+75	RT	1
STA.	203+26	LT	1
TOTAL			3

REMOVE EXISTING FOUNDATION	
LOCATION	Z0050900 REMOVE CONCRETE
	EACH
IL ROUTE 8	
STA. 199+79, 50' LT	2
TOTAL	2

CONCRETE BOX CULVERTS			
LOCATION	OFFSET FEET	SIDE LT/RT	54003000 CU YD
NORTH SUMMIT DRIVE			
STA. 34+70.81 (SKEW=27°42'9" RIGHT AHEAD)	92.75'	LT	198.4
		TOTAL	198.4

CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 48"			
LOCATION	OFFSET FEET	SIDE LT/RT	54215448 EACH
NORTH SUMMIT DRIVE			
STA. 23+01.47 (1:1 1/2 WINGWALLS)	83.38'	RT	1
		TOTAL	1

CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 72"			
LOCATION	OFFSET FEET	SIDE LT/RT	54215472 EACH
NORTH SUMMIT DRIVE			
STA. 24+88.73 (1:1 1/2 WINGWALLS)	74.05'	RT	1
		TOTAL	1

REMOVE TIMBER RETAINING WALL			
LOCATION STATION	LT/RT	DESCRIPTION	X0322869 L SUM
NORTH SUMMIT DRIVE			
STA. 18+60.53 & STA. 18+82.55	LT	TIMBER	1
		TOTAL	1

CONCRETE HEADWALLS			
LOCATION	OFFSET FEET	SIDE LT/RT	54248500 CU YD
NORTH SUMMIT DRIVE			
STA. 24+15.26	92.75'	LT	16.9
		TOTAL	16.9

PARKING BLOCKS					
LOCATION STATION			LT/RT	DESCRIPTION	X0696100 EACH
NORTH SUMMIT DRIVE					
STA.	10+80.00	STA. 11+95.91	RT	FAMILY VIDEO PARKING LOT	15
				TOTAL	15

FILE NAME = $FILEL$

PLOT SCALE = $SCALE$ | PLOT DATE = $DATE$ | PLOT TIME = $TIME$

DESIGNED - | DRAWN - | CHECKED - | DATE -

REVISED - | REVISED - | REVISED - | REVISED -

MAURER ▲ STUTZ, INC. ENGINEERS SURVEYORS

SCHEDULE OF QUANTITIES

SCALE: | SHEET NO. 12 OF 14 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	29
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

ELECTRIC CABLE IN CONDUIT, 600V, (XLP-TYPE USE) 1/C NO. 6							
LOCATION			NO.	LENGTH	HORIZONTAL	VERTICAL	81702130 FOOT
IL ROUTE 8 / SUMMIT DRIVE INTERSECTION							
CONT	TO	DHH-1	1	2	13.0	3.0	18.0
DHH-1	TO	HH-3	1	118	6.5	0.0	124.5
HH-3	TO	MA-1	1	9	0.0	3.0	12.0
MA-1	TO	L-1	1	0	12.0	45.0	57.0
CONT	TO	DHH-1	1	2	13.0	3.0	18.0
DHH-1	TO	HH-1	1	160	6.5	0.0	166.5
HH-1	TO	HH-2	1	99	6.5	0.0	105.5
HH-2	TO	MA-2	1	16	0.0	3.0	19.0
MA-2	TO	L-2	1	0	12.0	45.0	57.0
CONT	TO	DHH-1	1	2	13.0	3.0	18.0
DHH-1	TO	HH-1	1	160	6.5	0.0	166.5
HH-1	TO	MA-3	1	20	0.0	3.0	23.0
MA-3	TO	L-3	1	0	12.0	45.0	57.0
CONT	TO	DHH-1	1	2	13.0	3.0	18.0
DHH-1	TO	MA-4	1	15	0.0	3.0	18.0
MA-4	TO	L-4	1	0	12.0	45.0	57.0
						TOTAL	935

ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 7C							
LOCATION			NO.	LENGTH	HORIZONTAL	VERTICAL	87301255 FOOT
IL ROUTE 8 / SUMMIT DRIVE INTERSECTION							
CONT	TO	DHH-1	3	2	13.0	3.0	54.0
DHH-1	TO	MA-4	3	15	0.0	3.0	54.0
MA-4	TO	SIG-16	1	0	57.0	20.0	77.0
MA-4	TO	SIG-19	1	0	0.0	13.0	13.0
MA-4	TO	SIG-20	1	0	0.0	13.0	13.0
CONT	TO	DHH-1	3	2	13.0	3.0	54.0
DHH-1	TO	HH-3	3	118	6.5	0.0	373.5
HH-3	TO	MA-1	3	9	0.0	3.0	36.0
MA-1	TO	SIG-1	1	0	57.5	20.0	77.5
MA-1	TO	SIG-4	1	0	0.0	13.0	13.0
MA-1	TO	SIG-5	1	0	0.0	13.0	13.0
CONT	TO	DHH-1	3	2	13.0	3.0	54.0
DHH-1	TO	HH-1	3	160	6.5	0.0	499.5
HH-1	TO	MA-3	3	20	0.0	3.0	69.0
MA-3	TO	SIG-11	1	0	60.0	20.0	80.0
MA-3	TO	SIG-14	1	0	0.0	13.0	13.0
MA-3	TO	SIG-15	1	0	0.0	13.0	13.0
CONT	TO	DHH-1	3	2	13.0	3.0	54.0
DHH-1	TO	HH-1	3	160	6.5	0.0	499.5
DH-1	TO	HH-2	3	99	6.5	0.0	316.5
HH-2	TO	MA-2	3	16	0.0	3.0	57.0
MA-2	TO	SIG-6	1	0	53.0	20.0	73.0
MA-2	TO	SIG-9	1	0	0.0	13.0	13.0
MA-2	TO	SIG-10	1	0	0.0	13.0	13.0
						TOTAL	2533

TRENCH AND BACKFILL FOR ELECTRICAL WORK				
LOCATION			DESCRIPTION	81900200 FOOT
IL ROUTE 8 / SUMMIT DRIVE INTERSECTION				
SPLICE	TO	HH-4	2" CONDUIT	5.0
HH-4	TO	HH-1	2" CONDUIT	337.0
MA-2	TO	HH-2	3" CONDUIT	16.0
SPLICE	TO	HH-2	2" CONDUIT	47.0
HH-2	TO	HH-1	3" CONDUIT	99.0
SPLICE	TO	HH-1	2" CONDUIT	6.0
MA-3	TO	HH-1	3" CONDUIT	20.0
HH-1	TO	DHH-1	3" CONDUIT	160.0
MA-1	TO	HH-3	3" CONDUIT	9.0
SPLICE	TO	HH-3	2" CONDUIT	13.0
SPLICE	TO	HH-5	2" CONDUIT	12.0
HH-5	TO	HH-3	3" CONDUIT	330.0
HH-3	TO	DHH-1	3" CONDUIT	118.0
MA-4	TO	DHH-1	3" CONDUIT	15.0
SPLICE	TO	DHH-1	2" CONDUIT	45.0
DHH-1	TO	CONT	(3x) 3.5" CONDUIT	6.0
			TOTAL	1238

ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 3 PAIR							
LOCATION			NO.	LENGTH	HORIZONTAL	VERTICAL	87301515 FOOT
IL ROUTE 8 / SUMMIT DRIVE INTERSECTION							
SPLICE	TO	HH-4	1	5	0.0	0.0	5.0
HH-4	TO	HH-1	1	337	6.5	0.0	343.5
HH-1	TO	DHH-1	1	160	6.5	0.0	166.5
DHH-1	TO	CONT	1	2	13.0	3.0	18.0
SPLICE	TO	HH-1	1	6	0.0	0.0	6.0
HH-1	TO	DHH-1	1	160	6.5	0.0	166.5
DHH-1	TO	CONT	1	2	13.0	3.0	18.0
SPLICE	TO	HH-2	1	47	0.0	0.0	47.0
HH-2	TO	HH-1	1	99	6.5	0.0	105.5
HH-1	TO	DHH-1	1	160	6.5	0.0	166.5
DHH-1	TO	CONT	1	2	13.0	3.0	18.0
SPLICE	TO	DHH-1	1	45	0.0	0.0	45.0
DHH-1	TO	CONT	1	2	13.0	3.0	18.0
SPLICE	TO	HH-3	1	13	0.0	0.0	13.0
HH-3	TO	DHH-1	1	118	6.5	0.0	124.5
DHH-1	TO	CONT	1	2	13.0	3.0	18.0
SPLICE	TO	HH-5	1	12	0.0	0.0	12.0
HH-5	TO	HH-3	1	330	6.5	0.0	336.5
HH-3	TO	DHH-1	1	118	6.5	0.0	124.5
DHH-1	TO	CONT	1	2	13.0	3.0	18.0
						TOTAL	1770

ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C							
LOCATION			NO.	LENGTH	HORIZONTAL	VERTICAL	X8730027 FOOT
IL ROUTE 8 / SUMMIT DRIVE INTERSECTION							
SERV	TO	CONT	1	8	0.0	3.0	11.0
CONT	TO	DHH-1	1	2	0.0	3.0	5.0
DHH-1	TO	MA-4	1	15	13.0	0.0	28.0
DHH-1	TO	HH-3	1	118	13.0	3.0	134.0
HH-3	TO	MA-1	1	9	6.5	0.0	15.5
DHH-1	TO	HH-1	1	160	13.0	3.0	176.0
HH-1	TO	MA-3	1	20	6.5	0.0	26.5
HH-1	TO	HH-2	1	99	6.5	3.0	108.5
HH-2	TO	MA-2	1	16	6.5	0.0	22.5
						TOTAL	527

LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400W			
LOCATION STATION	LT/RT	DESCRIPTION	82102400 EACH
IL ROUTE 8 / SUMMIT DRIVE INTERSECTION			
201+00	LT	MA-1	1
200+90	RT	MA-4	1
199+55	RT	MA-3	1
199+84	LT	MA-2	1
		TOTAL	4

RELOCATE EXISTING LIGHTING UNIT		
LOCATION STATION	LT/RT	84400105 EACH
IL ROUTE 8 / SUMMIT DRIVE INTERSECTION		
11+05.25	RT	1
199+64.12	LT	1
	TOTAL	2

FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL		
LOCATION STATION	LT/RT	85700205 EACH
IL ROUTE 8 / SUMMIT DRIVE INTERSECTION		
201+09.00	RT	1
TOTAL		1

ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 5C							
LOCATION			NO.	LENGTH	HORIZONTAL	VERTICAL	87301245 FOOT
IL ROUTE 8 / SUMMIT DRIVE INTERSECTION							
CONT	TO	DHH-1	1	2	13.0	3.0	18.0
DHH-1	TO	MA-4	1	15	0.0	3.0	18.0
MA-4	TO	PPB	1	0	0.0	6.0	6.0
CONT	TO	DHH-1	1	2	13.0	3.0	18.0
DHH-1	TO	MA-4	1	15	0.0	3.0	18.0
MA-4	TO	SIG-17	1	0	44.0	20.0	64.0
CONT	TO	DHH-1	1	2	13.0	3.0	18.0
DHH-1	TO	HH-3	1	118	6.5	0.0	124.5
HH-3	TO	MA-1	1	9	0.0	3.0	12.0
MA-1	TO	PPB	1	0	0.0	6.0	6.0
CONT	TO	DHH-1	1	2	13.0	3.0	18.0
DHH-1	TO	HH-1	1	118	6.5	0.0	124.5
HH-1	TO	MA-3	1	9	0.0	3.0	12.0
MA-3	TO	PPB	1	0	42.0	20.0	62.0
CONT	TO	DHH-1	1	2	13.0	3.0	18.0
DHH-1	TO	HH-1	1	160	6.5	0.0	166.5
HH-1	TO	MA-3	1	20	0.0	3.0	23.0
MA-3	TO	PPB	1	0	0.0	6.0	6.0
CONT	TO	DHH-1	1	2	13.0	3.0	18.0
DHH-1	TO	HH-1	1	160	6.5	0.0	166.5
HH-1	TO	MA-3	1	20	0.0	3.0	23.0
MA-3	TO	PPB	1	0	44.0	20.0	64.0
CONT	TO	DHH-1	1	2	13.0	3.0	18.0
DHH-1	TO	HH-1	1	160	6.5	0.0	166.5
HH-1	TO	HH-2	1	99	6.5	0.0	105.5
HH-2	TO	MA-2	1	16	0.0	3.0	19.0
MA-2	TO	PPB	1	0	0.0	6.0	6.0
CONT	TO	DHH-1	1	2	13.0	3.0	18.0
DHH-1	TO	HH-1	1	160	6.5	0.0	166.5
HH-1	TO	HH-2	1	99	6.5	0.0	105.5
HH-2	TO	MA-2	1	16	0.0	3.0	19.0
MA-2	TO	PPB	1	0	41.0	20.0	61.0
						TOTAL	1689

FILE NAME = $FILE$

PLOT SCALE = $SCALE$	DESIGNED -	REVISED -
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PLOT TIME = $TIME$	CHECKED -	REVISED -
	DATE -	REVISED -

MAURER ▲ STUTZ, INC.
ENGINEERS SURVEYORS

SCHEDULE OF QUANTITIES

SCALE: | SHEET NO. 13 OF 14 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	30
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 54 FT.			
LOCATION STATION	LT/RT	DESCRIPTION	87702990 EACH
IL ROUTE 8 / SUMMIT DRIVE INTERSECTION			
199+84.00	LT	MA-2	1
		TOTAL	1

STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 58 FT.			
LOCATION STATION	LT/RT	DESCRIPTION	87703020 EACH
IL ROUTE 8 / SUMMIT DRIVE INTERSECTION			
201+00.00	LT	MA-1	1
200+90.00	RT	MA-4	1
		TOTAL	2

STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 60 FT.			
LOCATION STATION	LT/RT	DESCRIPTION	87703030 EACH
IL ROUTE 8 / SUMMIT DRIVE INTERSECTION			
199+55.00	RT	MA-3	1
		TOTAL	1

CONCRETE FOUNDATION, TYPE D			
LOCATION STATION	LT/RT	DESCRIPTION	87800200 FOOT
IL ROUTE 8 / SUMMIT DRIVE INTERSECTION			
114+65.00	RT	SIGNAL CONTROLLER	3.5
		TOTAL	3.5

CONCRETE FOUNDATION, TYPE E, 36-INCH DIAMETER			
LOCATION STATION	LT/RT	DESCRIPTION	87800415 FOOT
IL ROUTE 8 / SUMMIT DRIVE INTERSECTION			
201+00.00	LT	MA-1 (58')	21
199+62.00	LT	MA-2 (54')	15
199+55.00	RT	MA-3 (60')	21
200+90.00	RT	MA-4 (58')	21
		TOTAL	78

DETECTOR LOOP, TYPE 1				
LOCATION	LOOP QTY	LEAD IN	REMARKS	88600100 FOOT
IL ROUTE 8 / SUMMIT DRIVE INTERSECTION				
D-1	162	50	6' X 50' QUAD	212
D-2A	24	16	6' X 6'	40
D-2B	24	5	6' X 6'	29
D-3	162	45	6' X 50' QUAD	207
D-4A	162	16	6' X 50' QUAD	178
D-4B	162	6	6' X 50' QUAD	168
D-5	162	47	6' X 50' QUAD	209
D-6	24	13	6' X 6'	37
D-7	162	32	6' X 50' QUAD	194
D-8A	162	30	6' X 50' QUAD	192
D-8B	162	21	6' X 50' QUAD	183
			TOTAL	1649

LIGHT DETECTOR	
LOCATION	88700200 EACH
IL ROUTE 8 / SUMMIT DRIVE INTERSECTION	
SIGNALS	2
TOTAL	2

SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED		
LOCATION	DESCRIPTION	88030020 EACH
IL ROUTE 8 / SUMMIT DRIVE INTERSECTION		
SIG-2	MA-1	1
SIG-3	MA-1	1
SIG-7	MA-2	1
SIG-8	MA-2	1
SIG-12	MA-3	1
SIG-13	MA-3	1
SIG-17	MA-4	1
SIG-18	MA-4	1
	TOTAL	8

SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED		
LOCATION	DESCRIPTION	88030080 EACH
IL ROUTE 8 / SUMMIT DRIVE INTERSECTION		
SIG-1	MA-1	1
SIG-6	MA-2	1
SIG-11	MA-3	1
SIG-16	MA-4	1
	TOTAL	4

SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED		
LOCATION	DESCRIPTION	88030070 EACH
IL ROUTE 8 / SUMMIT DRIVE INTERSECTION		
SIG-4	MA-1	1
SIG-9	MA-2	1
SIG-14	MA-3	1
SIG-19	MA-4	1
	TOTAL	4

PEDESTRIAN SIGNAL HEAD, CARBONATE, LED, 2-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER		
LOCATION	DESCRIPTION	88102845 EACH
IL ROUTE 8 / SUMMIT DRIVE INTERSECTION		
SIG-5	MA-1	1
SIG-10	MA-2	1
SIG-15	MA-3	1
SIG-20	MA-4	1
	TOTAL	4

LIGHT DETECTOR AMPLIFIER	
LOCATION	88700300 EACH
IL ROUTE 8 / SUMMIT DRIVE INTERSECTION	
SIGNALS	1
TOTAL	1

REMOVE EXISTING HANDHOLE		
LOCATION	LT/RT	89502380 EACH
IL ROUTE 8 / SUMMIT DRIVE INTERSECTION		
114+46.00	RT	1
TOTAL		1

REMOVE EXISTING CONCRETE FOUNDATION			
LOCATION	LT/RT	DESCRIPTION	89502385 EACH
IL ROUTE 8 / SUMMIT DRIVE INTERSECTION			
114+46.00	RT	EXISTING SIGNAL CONTROLLER CABINET	1
		TOTAL	1

TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC		
LOCATION	DESCRIPTION	88200310 EACH
IL ROUTE 8 / SUMMIT DRIVE INTERSECTION		
SIG-1	MA-1	1
SIG-2	MA-1	1
SIG-3	MA-1	1
SIG-6	MA-2	1
SIG-7	MA-2	1
SIG-8	MA-2	1
SIG-11	MA-3	1
SIG-12	MA-3	1
SIG-13	MA-3	1
SIG-16	MA-4	1
SIG-17	MA-4	1
SIG-18	MA-4	1
	TOTAL	12

INDUCTIVE LOOP DETECTOR	
LOCATION	88500100 EACH
IL ROUTE 8 / SUMMIT DRIVE INTERSECTION	
D-1	1
D-2A	1
D-2B	1
D-3	1
D-4A	1
D-4B	1
D-5	1
D-6	1
D-6B (FUTURE LOOP)	1
D-7	1
D-8A	1
D-8B	1
TOTAL	12

PEDESTRIAN PUSH-BUTTON			
LOCATION	LT/RT	DESCRIPTION	88800100 EACH
IL ROUTE 8 / SUMMIT DRIVE INTERSECTION			
201+00.00	LT	MA-1	2
199+62.00	LT	MA-2	2
199+55.00	RT	MA-3	2
200+90.00	RT	MA-4	2
		TOTAL	8

TEMPORARY TRAFFIC SIGNAL INSTALLATION	
LOCATION	89000100 EACH
IL ROUTE 8 / SUMMIT DRIVE INTERSECTION	
SIGNALS	1
TOTAL	1

FILE NAME = $FILE$	PLOT SCALE = $SCALE$	DESIGNED -	REVISED -
	PLOT DATE = $DATE$	DRAWN -	REVISED -
	PLOT TIME = $TIME$	CHECKED -	REVISED -
		DATE -	REVISED -

MAURER ▲ STUTZ, INC. ENGINEERS SURVEYORS

SCHEDULE OF QUANTITIES

SCALE: | SHEET NO. 14 OF 14 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	31
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NUMBER					INLETS TY A, TY9 F&G	INLETS TY A, TY4 F&G	INLETS TY A, TY8 F&G	INLETS TY G-1	INLETS TY G-1, SPECIAL	INLETS TY G-1, DOUBLE	INLETS TY G-1, DOUBLE, SPECIAL	IN-MH TY G-1, 4'-DIA	IN-MH TY G-1, 4'-DIA, DOUBLE SPECIAL	IN-MH, TY G-1, 5'-DIA, SPECIAL	IN-MH TY G-1, 5'-DIA	MH TY A, 5'-DIA, T1F, CL	IN-MH TY G-1, 6'-DIA	MH TY A, 6'-DIA, T1F, CL	MH TY A, 8'-DIA, T1F, CL	IN-MH TY G-1, 9'-DIA	IN-MH TY G-1, 9'-DIA, SPECIAL	IN-MH TY G-1, 9'-DIA, DOUBLE	MH TY A, 9'-DIA, T1F, CL	JUNCTION CHAMBER, SPECIAL	PRC FLARED END SECTION 12"	PRC FLARED END SECTION 15"	METAL END SECTIONS, 15"	PRC FLARED END SECTION 42"	PRC FLARED END SECTION 48"	PRC FLARED END SECTION 72"	RIM ELEVATION	FLOW LINE ELEVATION	INVERT ELEVATIONS				NOTE
	CHAIN	STATION	LT / RT	OFFSET	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH			N	E	S	W	
A-1	SOUTHSMT	112+35.00	LT	17.85	1																										714.34	712.00		712.00			
A-2	SOUTHSMT	112+35.00	RT	25.09	1																										714.24	711.32	711.32			711.57	
B-1	SOUTHSMT	113+82.96	LT	26.87						1																					714.13	710.95		710.95			
B-2	SOUTHSMT	113+95.00	RT	33.00						1																					714.05	709.72	709.72		709.72	709.97	
B-3	SOUTHSMT	114+54.93	RT	47.32								1																			714.45	709.21	709.21		709.40		
B-4	RT8	201+32.00	RT	31.63											1																715.87	706.44	706.44			706.46	
B-5	RT8	201+35.00	LT	36.00																1											715.79	698.93	698.93	713.83	704.17		
B-6	SUMMIT	10+71.88	LT	28.05						1																					714.64	708.00	711.29	708.00		713.24	
B-6a	SUMMIT	10+51.78	LT	46.12		1																									715.65	713.45		713.45			
B-7	SUMMIT	10+87.15	RT	48.34																		1									714.32	698.74	698.74	712.07	698.76	707.68	
B-7a	SUMMIT	10+97.76	RT	56.56		1																									716.47	712.20				712.20	
B-8	SUMMIT	11+50.00	LT	28.00				1													1										715.23	712.07			712.07		
B-9	SUMMIT	12+15.00	RT	24.00																											716.48	698.31	698.31		698.33		
B-10	SUMMIT	16+00.00	LT	13.00					1													1									714.30	710.81	712.10	710.81			
B-11	SUMMIT	16+00.00	RT	13.00																											714.30	697.04	697.04		697.06	710.53	
B-12	SUMMIT	20+45.00	LT	13.00					1													1									711.43	708.24		708.24			
B-13	SUMMIT	20+25.00	RT	13.00																		1									711.93	695.64	695.64		695.66	707.90	
B-13a	SUMMIT	22+00.00	RT	13.00																		1									707.62	682.94	682.94		695.08		
B-13b	SUMMIT	22+75.00	RT	13.00																		1									706.20	670.38	670.38		682.71		
B-14	SUMMIT	23+47.00	RT	13.00																						1					705.24	670.01	699.50	671.59	670.17	670.01	1
B-15	SUMMIT	24+82.00	RT	13.00							1																				704.52	700.84			700.84	701.04	
B-16	SUMMIT	24+82.00	LT	13.00							1																				704.52	701.34		701.34			
C-1	SUMMIT	32+50.00	LT	13.00					1																						694.26	690.68	690.68	690.70			
C-2	SUMMIT	32+50.00	RT	13.00					1																						694.26	691.08				691.08	
C-3	SUMMIT	34+63.00	LT	13.00									1																		692.02		688.73	688.57	688.03		2
C-4	SUMMIT	34+63.00	RT	13.00							1																				692.02	688.85				688.85	
C-5	SUMMIT	36+50.00	LT	13.00					1																						693.73	690.02		690.05	690.02		
C-6	SUMMIT	36+50.00	RT	13.00					1																						693.73	690.55				690.55	
D-1	SUMMIT	47+42.00	LT	13.00							1																				708.43	706.03		706.03			
D-2	SUMMIT	47+42.00	RT	13.00							1																				708.43	705.88		705.88		705.89	
D-3	SUMMIT	49+20.40	LT	13.00										1																	710.32	704.02		704.02		704.04	
D-4	SUMMIT	49+25.00	RT	13.00										1																	710.42	704.09		704.09		704.10	
E-1	SUMMIT	52+13.01	RT	27.60					1																						716.92	714.32		714.42		714.32	
E-2	SUMMIT	52+13.27	LT	27.61					1																						716.49	713.89		713.99		713.89	
I-1 (Ex. MH)	RT8	194+51.69	LT	39.24																								2			714.48	710.48		710.48			
I-2	RT8	196+03.81	LT	46.30															1												711.41	711.41			711.41		
I-3	RT8	195+98.09	LT	31.00																	1										713.59	708.92	710.05		708.92	709.07	
I-4	RT8	195+62.13	RT	44.50																											714.24	708.23	708.52	709.35	708.23		
I-5	RT8	195+99.27	RT	31.00				1																							713.59	710.65			710.65		
I-6	RT8	195+99.27	RT	44.73																											714.10	709.50	710.56	710.00		709.50	
I-7	RT8	196+75.28	RT	53.69				1																							712.97	709.57		709.57		709.63	
I-8	RT8	196+50.00	LT	31.00				1																							713.54	710.54		710.54			
I-9	RT8	197+50.90	LT	31.00				1																							713.74	709.90	710.17	709.90		710.05	
I-9a	RT8	197+50.90	LT	42.08			1																								712.32	710.25			710.25		
I-10	RT8	199+22.42	LT	31.02								1																			714.68	709.28			709.28	709.40	
I-10a	RT8	199+22.42	RT	36.00												1															714.58	707.98	708.96	707.98	711.34	708.01	
I-11	RT8	197+49.09	RT	35.72											1																713.63	708.87		708.87		709.21	
I-12	RT8	199+22.42	RT	43.00				1																							714.44	711.44	711.44		712.60		
I-12a	RT 8	199+30.30	RT	54.15		1															1										714.88	712.68	712.68				
I-13	RT8	200+68.72	RT	35.00																											715.43	707.06		707.06	709.11	707.16	
I-14	RT8	205+17.43	RT	35.22																					1							715.69				715.69	
I-15	RT8	205+76.85	RT	32.58																					1							715.49		715.49			
I-16	RT8	206+99.83	RT	35.11																					1							715.14			715.14		
I-17	RT8	207+82.96	RT	35.15																					1							714.87		714.87			
FES-1	RT8	201+62.73	LT	38.97																						1						714.37			714.37		
FES-2	SUMMIT	47+45.49	RT	26.39																						1						705.80			705.80		
FES-3	SUMMIT	52+11.51	RT	49.01																						1						714.52			714.52		
FES-4	SUMMIT	52+11.96	LT	49.00																						1						713.79		713.79			
STA. 23+01.47 (48" CULVERT)																											1										
STA. 24+88.73 (72" PIPE CULVERT)																												1										
STA. 49+26 (DOUBLE 42" CULVERT)																													4									
TOTAL =					2	3	1	6	8	3	5	2	1	2	2	1	1	2	1	1	4	1	1	1	4	2	4	4	1	1							

DRAINAGE STRUCTURE SCHEDULE NOTES: 1. SEE DETAIL FOR JUNCTION CHAMBER, SPECIAL.
2. BUILD MANHOLE OVER DOUBLE BOX CULVERT.

FILE NAME = $FILEL$	PLOT SCALE = $SCALE$	DESIGNED - RAW	REVISED -
	PLOT DATE = $DATE$	DRAWN - RAW	REVISED -
	PLOT TIME = $TIME$	CHECKED - RJA	REVISED -
		DATE -	REVISED -

MAURER ▲ STUTZ, INC.
ENGINEERS SURVEYORS

DRAINAGE SCHEDULES

SCALE: | SHEET NO. 1 OF 2 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	32
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DRAINAGE PIPE SCHEDULE

LOCATION		STORM SEWERS CLASS A						STORM SEWERS (WATER MAIN REQUIREMENTS)								CROSS ROAD CULVERTS				TRENCH BACKFILL
		TYPE 1		TYPE 2			TYPE 3	TYPE 1			TYPE 2					542A1087 PIPE CULVERTS, CLASS A, TYPE 2 42"	542A4057 PIPE CULVERTS, CLASS A, TYPE 6 72"	542A4663 PIPE CULVERTS, CLASS A, TYPE 7 48"	54003000 CONCRETE BOX CULVERTS (6'x6' DOUBLE BOX)	
FROM STR.	TO STR.	550A0050	550A0070	550A0360	550A0380	550A0410	550A0820	X0323381	X0323382	X0323383	X0323863	XX006642	X0323889	XX006643	XX006644					
		12"	15"	15"	18"	24"	72"	12"	15"	18"	12"	15"	18"	24"	30"					
		FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	CU YD	CU YD
A-1	A-2							43.5												1.1
A-2	B-2			161.6																23.0
B-1	B-2							62.1												9.3
B-2	B-3			54.4																10.3
B-3	I-13												20.2							10.9
I-1	I-3									141.5										53.8
I-2	I-3		8.75																	0.2
I-3	I-4														79.0					58.6
I-5	I-6								8.75											2.0
I-6	I-4											30.25								19.8
I-6	I-7								73.8											24.0
I-7	I-11											71.5								24.8
I-8	I-9		98.0																	21.7
I-9a	I-9	7.8																		1.5
I-9	I-10				168.0															108.0
I-11	I-10a												169.1							139.4
I-10	I-10a												64.2							23.0
I-12	I-10a	5.3																		1.3
I-12a	I-12							8.4												0.2
I-10a	I-13													141.8						130.5
I-13	B-4													58.7						69.9
B-4	B-5					61.7														90.8
FES-1	B-5	24.0																		0.6
B-5	B-7						56.2													204
B-6	B-7										74.6									53.6
B-6a	B-6							21.0												0.5
B-7a	B-7	6.4																		0.6
B-7	B-9						121.8													473.7
B-8	B-6							71.6												7.8
B-9	B-11						379.6													1598.6
B-10	B-11							28.1												4.1
B-11	B-13						419.5													1609.5
B-12	B-13							32.9												4.8
B-13	B-13a						169.7													509.1
B-13a	B-13b						69.7													455.6
B-13b	B-14						63.8													686
B-14	B-15	128.0																		32.9
B-15	B-16	28.1																		2.8
C-2	C-1	28.1																		3.0
C-1	C-3	213.0																		32.2
C-4	C-3	28.1																		3.0
C-5	C-3	180.0																		23.8
C-6	C-5	28.1																		7.5
D-1	D-2	28.1																		4.7
D-2	FES-2	10.4																		0.2
FES-3	E-1	20.0																		0.1
E-1	E-2	58.0																		1.5
E-2	FES-4	20.0																		0.1
STA. 23+53.08																122.8	74.3			411.3
STA. 24+58																180.7				480.7
STA. 34+71 (146' DOUBLE BOX)																		198.4		645.6
STA. 49+26.41 (DOUBLE)																111				43.5
TOTAL =		813	107	216	168	62	1280	268	83	142	75	102	254	201	79	111	304	74	198.4	8125

FILE NAME =	PLOT SCALE = $SCALE$	DESIGNED - RAW	REVISED -
	PLOT DATE = $DATE$	DRAWN - RAW	REVISED -
	PLOT TIME = $TIME$	CHECKED - RJA	REVISED -
$FILEL$		DATE -	REVISED -

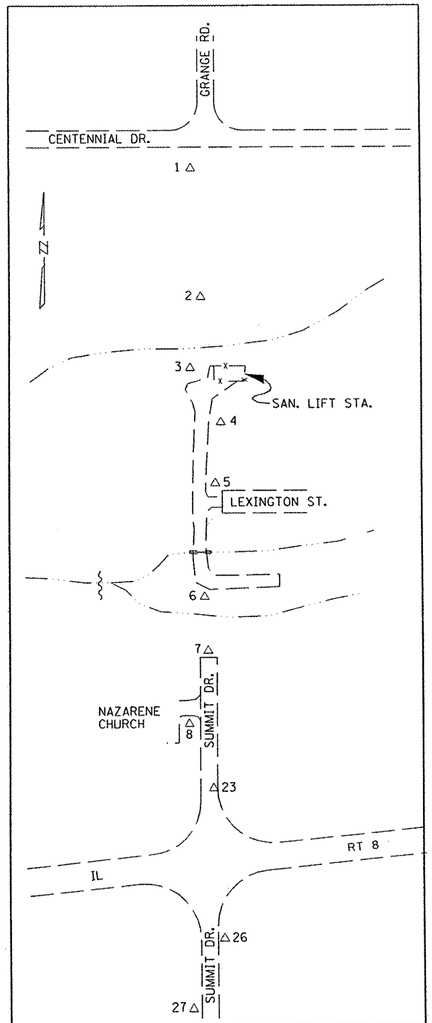
MAURER ▲ STUTZ, INC.
ENGINEERS SURVEYORS

DRAINAGE SCHEDULES

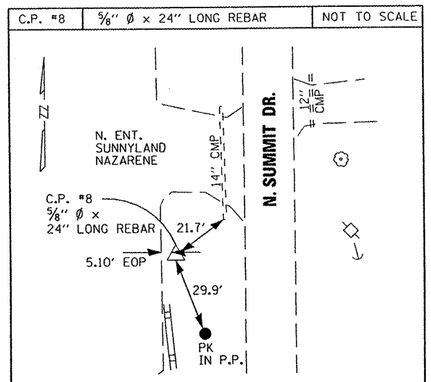
SCALE: | SHEET NO. 2 OF 2 SHEETS | STA. | TO STA.

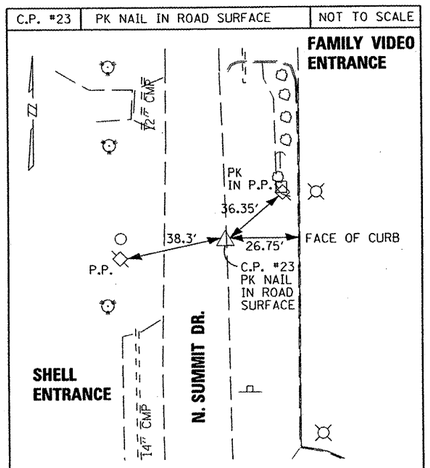
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	33
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

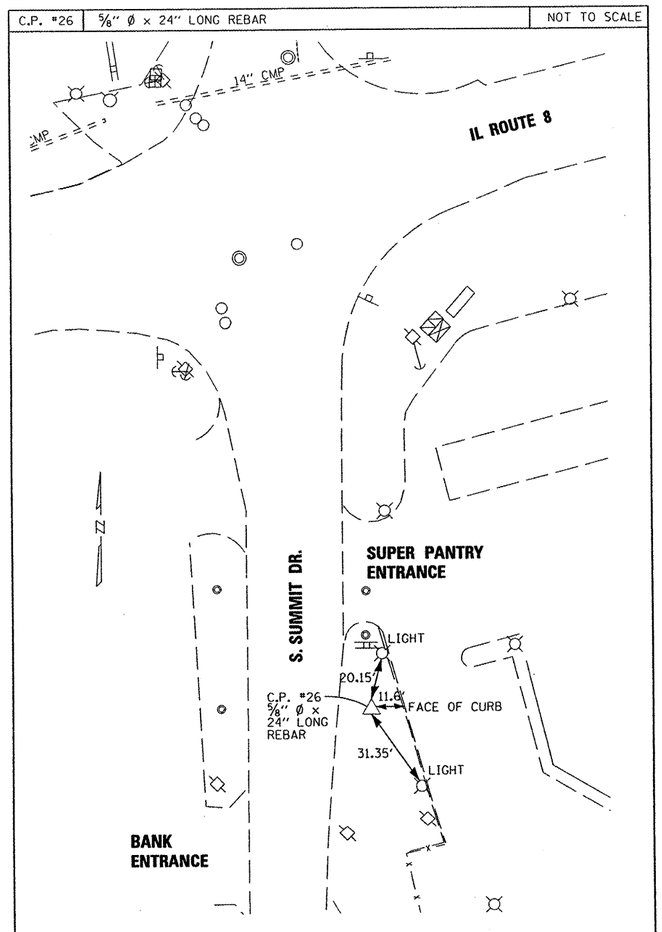
PRELIMINARY
NOT FOR CONSTRUCTION

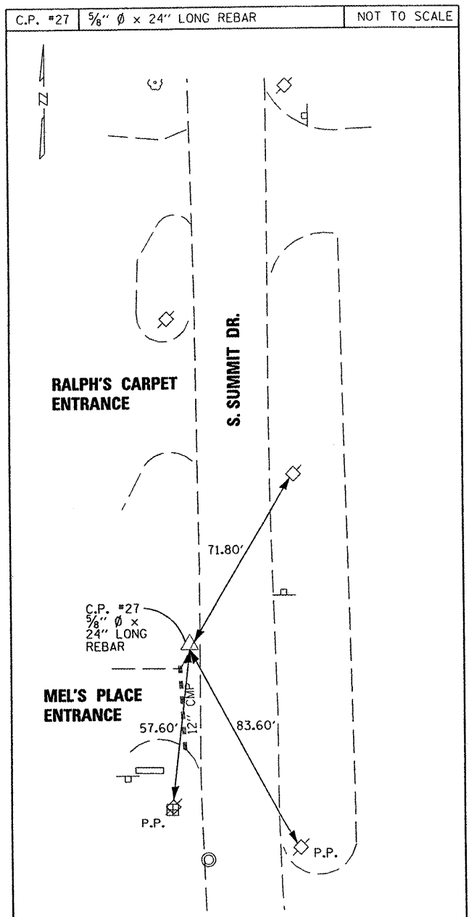


OVERALL CONTROL POINT LAYOUT | NOT TO SCALE









BENCHMARK INFORMATION TABLE

POINT NUMBER	ELEVATION	DESCRIPTION
TBM #401	709.73	FD. R.R. SPIKE IN W. SIDE P.P. #692957 (2ND P.P. W. OF CENT. DR.)
TBM #402	689.14	SET 'X' MARK ON TOP METAL KNOB ON TOP OF N. FACING FLANGE OF PIPE ELBOW, 10'± S. OF LIFT STA. FENCE
TBM #403	705.81	FD. R.R. SPIKE W. SIDE P.P., 2ND P.P. S. OF LIFT STA.
TBM #404	691.19	FD. R.R. SPIKE W. SIDE P.P., 200'± S. OF LEXINGTON DR.
TBM #405	711.24	FD. R.R. SPIKE, E. SIDE RD., 100'± S. OF END OF EXIST. SUMMIT DR.
TBM #406	718.11	FD. CHIS. '□' ON TOP W'LY SIDE CONC. BASE OF HIGH VOLTAGE METAL POLE, 100' N. FAMILY VIDEO ENT., MARKED "TBM EL. 717.69"

CONTROL POINT INFORMATION TABLE

POINT NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1471047.3440	2485874.2780	711.23	SET REBAR IN GRASS, 200'± S. OF CENT./GRANGE INT.
2	1469827.5840	2485908.8030	703.81	SET REBAR IN GRASS TOP BANK, N. SIDE OF CREEK, 74'± W'LY OF P.P. (2ND POLE N. OF CREEK NEAR SAN. LIFT STA.)
3	1469466.6310	2485948.0180	683.78	SET REBAR IN GRASS TOP BANK S. SIDE OF CREEK, 40'± W. OF LIFT STA. FENCE
4	1469262.6840	2485978.3980	700.67	SET REBAR 10' ± E. OF E/RD., 200'± S. OF LIFT STA.
5	1468928.4810	2486000.7450	705.13	FD. 5/8" Ø I. PIPE SW COR LOT, 150' S. OF TBM 403
6	1468368.4400	2485983.8610	691.23	SET REBAR IN GRASS, 150'± S. OF TBM 404
7	1468244.0200	2485975.9890	709.60	SET REBAR IN GRASS @ END OF EXIST. SUMMIT RD. PVMT., 24'± N. OF E/PVMT, 18'± W. OF P.P.
8	1467577.2600	2485942.4610	716.63	SET REBAR IN GRASS @ SUNNYLAND NAZARENE CHURCH, 35' S. OF ENT. ℄, 4' E. OF E/PARK. LOT PVMT.
23	1467229.3240	2485989.3770	717.91	PK NAIL IN ROAD SURFACE
26	1466865.3072	2486019.9214	714.77	5/8" Ø x 24" LONG REBAR
27	1466346.0900	2485979.0220	712.02	5/8" Ø x 24" LONG REBAR

FILE NAME
$FILEL$

PLOT SCALE = $SCALE$	DESIGNED - RMB	REVISED -	
PLOT DATE = $DATE$	DRAWN - WLL	REVISED -	
PLOT TIME = $TIME$	CHECKED - RJA	REVISED -	
	DATE -	REVISED -	

MAURER ▲ STUTZ, INC.
ENGINEERS SURVEYORS

HORIZONTAL & VERTICAL CONTROL

N.T.S. | SHEET NO. 1 OF 1 SHEET

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	34
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SEC 19, T26N, R3W, 3rd PM

RALPH E. KRALL AND HERMINE V. KRALL

RALPH E. KRALL AND HERMINE V. KRALL

MORTON COMMUNITY BANK

RELOCATE EXISTING MAILBOX

STORM SEWER REMOVAL

RELOCATE EXISTING MAILBOX

EX ROW

30.0'

BUTT JOINT

12" CMP

AGG

AGG

AGG

AGG

BIT

REMOVING INLETS

SOUTH SUMMIT DRIVE

I108

I109

I10+00

I111

I112

I13

STORM SEWER REMOVAL

BIT

12" CMP

EX ROW

IMPROVEMENT BEGINS
STA 107+95.44

REMOVE EXISTING CULVERTS

CURB REMOVAL

LIMITS OF CONSTRUCTION (TYP)

MATCH LINE STA. 113+22.93
SEE ILLINOIS ROUTE 8 EXISTING AND REMOVAL PLANS
SHEET 3 OF 4

ACS PROPERTIES, LTD.

GERALD L. KNICKERBOCKER

TRI-STAR MARKETING

REMOVAL LEGEND

DRIVEWAY PAVEMENT REMOVAL

HMA SURFACE REMOVAL (BUTT JOINT)

N

0 20' 40'

1" = 20'

SEC 20, T26N, R3W, 3rd PM

FILE NAME = $FILE$	PLOT SCALE = $SCALE$	DESIGNED - RAW
	PLOT DATE = $DATE$	DRAWN - RAW
	PLOT TIME = $TIME$	CHECKED - RJA
		DATE -
		REVISED -
		REVISED -
		REVISED -
		REVISED -

MAURER ▲ STUTZ, INC.
ENGINEERS SURVEYORS

SUMMIT DRIVE
EXISTING AND REMOVAL PLANS

SCALE: 1" = 20' | SHEET NO. 1 OF 3 SHEETS | START OF PROJECT TO STA. 113+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	35
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SEC 19, T26N, R3W, 3rd PM

RAYMOND W. PETERS AND MILDREN W. PETERS

SUNNYLAND CHURCH OF THE NAZARENE

WILLIAM R. AND RHONDA M. LYNN

REMOVAL LEGEND

- DRIVEWAY PAVEMENT REMOVAL
- PAVEMENT REMOVAL

PROP. CURVE SMTCV1
PI STA. = 11+72.39
Δ = 0° 13' 55" (RT)
D = 0° 06' 53"
R = 50,000.00'
T = 101.19'
L = 202.39'
E = 0.10'
e = N.C.
P.C. STA. = 10+71.19
P.T. STA. = 12+73.58

PROP. CURVE SMTCV2
PI STA. = 15+92.33
Δ = 0° 11' 38" (RT)
D = 0° 05' 44"
R = 60,000.00'
T = 101.59'
L = 203.17'
E = 0.09'
e = N.C.
P.C. STA. = 14+90.75
P.T. STA. = 16+93.92

EXISTING PERMANENT ELECTRIC EASEMENT

SEE ILLINOIS ROUTE 8 EXISTING AND REMOVAL PLANS SHEET 3 OF 4 MATCH LINE STA 11+95.91

SEE SUMMIT DRIVE ROADWAY CONSTRUCTION PLANS SHEET 3 OF 8 MATCH LINE STA 18+00.00

REMOVE EXISTING CULVERTS
RELOCATE EXISTING MAILBOX
REMOVE EXISTING CULVERTS
RELOCATE EXISTING MAILBOX
REMOVE EXISTING CULVERTS
RELOCATE EXISTING MAILBOX
REMOVE EXISTING CULVERTS
EX ROW
12
13
14
15+00
16
17
NORTH SUMMIT DRIVE
REMOVE EXISTING CULVERTS
CURB REMOVAL
EX ROW
REMOVE EXISTING CULVERTS
CURB REMOVAL
TEMP EASE
LIMITS OF CONSTRUCTION (TYP)
EXISTING PERMANENT ELECTRIC ROW
RELOCATE EXISTING MAILBOX
REMOVE EXISTING CULVERTS

ELIZABETH C. DIXON

MARILYN DIANE (DEBOLT) JONES AND MARY KATHERINE CARLS

MARWAN QATOUM AND REBECCA L. QATOUM

0 20' 40'
1" = 20'

SEC 20, T26N, R3W, 3rd PM

FILE NAME = $FILE$	PLOT SCALE = $SCALE$	DESIGNED - RAW	REVISED -
	PLOT DATE = $DATE$	DRAWN - RAW	REVISED -
	PLOT TIME = $TIME$	CHECKED - RJA	REVISED -
		DATE -	REVISED -

MAURER ▲ STUTZ, INC.
ENGINEERS SURVEYORS

SUMMIT DRIVE
EXISTING AND REMOVAL PLANS

SCALE: 1" = 20' | SHEET NO. 2 OF 3 SHEETS | STA. 12+00.00 TO STA. 18+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	36
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SEC 19, T26N, R3W, 3rd PM

WILLIAM R. AND RHONDA M. LYNN

JESSE C. SHELTON, JR.

JAMES E. BONNETT, SR. AND WANDA A. BONNETT

PRAIRIE INVESTMENT PROPERTIES

EXISTING PERMANENT ELECTRIC EASEMENT

REMOVAL LEGEND

- DRIVEWAY PAVEMENT REMOVAL
- PAVEMENT REMOVAL

PROP. CURVE SMTCV3
PI STA. = 21+92.03
Δ = 0° 44' 01" (LT)
D = 0° 21' 29"
R = 16,000.00'
T = 102.43'
L = 204.85'
E = 0.33'
e = N.C.
P.C. STA. = 20+89.60
P.T. STA. = 22+94.45

TREE REMOVAL (TYP)

LIMITS OF CONSTRUCTION (TYP)

RELOCATE EXISTING MAILBOX

REMOVE EXISTING CULVERTS

SANITARY MH
RIM = 707.93
INV = 702.00

SANITARY MH
RIM = 711.86
INV = 707.42

RELOCATE EXISTING MAILBOX

REMOVE EXISTING CULVERTS

RELOCATE EXISTING MAILBOX

REMOVE EXISTING CULVERTS

18 19 20+00 21 22 23

NORTH SUMMIT DRIVE

CHAIN LINK FENCE REMOVAL

REMOVE EXISTING CULVERTS

REMOVE EXISTING CULVERTS

RELOCATE EXISTING MAILBOX

REMOVE EXISTING CULVERTS

REMOVE EXISTING CULVERTS

RELOCATE EXISTING MAILBOX

REMOVE EXISTING CULVERTS

EXISTING PERMANENT ELECTRIC EASEMENT

REMOVE TO NEAREST FENCE POST INSIDE CONSTRUCTION LIMITS

MATCH LINE STA 18+00.00
SEE SUMMIT DRIVE EXISTING AND REMOVAL PLANS
SHEET 2 OF 3

MATCH LINE STA 24+00.00
SEE SUMMIT DRIVE ROADWAY CONSTRUCTION PLANS
SHEET 4 OF 8

MARWAN OATOUM AND REBECCA L. OATOUM

JEROME L. GENDRON AND JAMIE L. GENDRON

BILLIE W. LONG AND E. ANN LONG

EUGENE P. POWERS AND YVONNE POWERS

JOHN M. KNIGHT AND PATRICIA S. KNIGHT

CITY OF WASHINGTON

0 20' 40'
1" = 20'

SEC 20, T26N, R3W, 3rd PM

FILE NAME =	PLOT SCALE = $SCALE$	DESIGNED - RAW	REVISED -
	PLOT DATE = $DATE$	DRAWN - RAW	REVISED -
$FILEL$	PLOT TIME = $TIME$	CHECKED - RJA	REVISED -
		DATE -	REVISED -

MAURER ▲ STUTZ, INC.
ENGINEERS SURVEYORS

SUMMIT DRIVE
EXISTING AND REMOVAL PLAN

SCALE: 1" = 20' | SHEET NO. 3 OF 3 SHEETS | STA. 18+00.00 TO STA. 24+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	37
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PROJECT BEGINS
STA. 194+60

PT Sta 193+85.11

EAST
PEORIA

Concrete Headwall Removal

Curb Removal

C.E. +87.96

PC Sta 197+65.05

SIGN

15" CMP

30" RCCP

15" RCCP

15" CMP

Sta. 193+04.58 (IL 8)
Sta. 10+00 (Briargate St.)

Sta. 196+69.55 (IL 8)
Sta. 10+00 (Argo St.)

193+00
194+00
194+00
195+00
195+00
196+00
197+00

8+00
9+00

C.E. +19.00

GUTH
CEMETERY

MATCHLINE STA. 198+00
SEE ILLINOIS ROUTE 8 EXISTING AND REMOVAL PLANS
SHEET 2 OF 3

LEGEND FOR REMOVAL ITEMS

- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- CCC & G REMOVAL
- R — STRUCTURE TO BE REMOVED
- H.M.A SURFACE REMOVAL (BUTT JOINT)
- PAVED DITCH REMOVAL
- H.M.A SURFACE REMOVAL - VARIABLE DEPTH
- PIPE CULVERT REMOVAL
- STORM SEWER REMOVAL
- ADJ — STRUCTURE TO BE ADJUSTED

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
	PLOT DATE = $DATE$	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 8
EXISTING AND REMOVAL PLANS

SCALE: 1" = 20'-0" | SHEET NO. 1 OF 3 SHEETS | STA. 192+25.00 TO STA. 198+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	38
		CONTRACT NO. 89352		
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT		

MATCHLINE STA. 11+95.91
SEE SUMMIT DRIVE EXISTING AND REMOVAL PLANS
SHEET 2 OF 3

N

CURB REMOVAL

REMOVE CONCRETE FOUNDATION

CANOPY

CONCRETE HEADWALL REMOVAL

C.E. +09.43

POT Sta 10+99.90

C.E. +40.49

C.E. +52.48

P.C. Sta 199+56.69

C.E. +91.76

POT Sta 203+00.71

P.T. Sta 204+86.47

ADJ

Plug existing culverts

+45.24

C.E. +06.15

C.E. +71.99

POT Sta 9+04.51

C.E. 8+93.91

C.E 8+63.10

PROP. CURVE IL8CURV9
PI STA. = 202+21.64
! = 3° 02' 07" (LT)
D = 0° 34' 23"
R = 10,000.00'
T = 264.95'
L = 529.78'
E = 3.51'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 199+56.69
P.T. STA. = 204+86.47

MATCHLINE STA. 198+00
SEE ILLINOIS ROUTE 8 EXISTING AND REMOVAL PLANS
SHEET 1 OF 3

MATCHLINE STA. 203+50
SEE ILLINOIS ROUTE 8 EXISTING AND REMOVAL PLANS
SHEET 3 OF 3

MATCHLINE STA. 113+22.93
SEE SUMMIT DRIVE EXISTING AND REMOVAL PLANS
SHEET 1 OF 3

LEGEND FOR REMOVAL ITEMS

- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- CCC & G REMOVAL
- R — STRUCTURE TO BE REMOVED
- H.M.A SURFACE REMOVAL (BUTT JOINT)
- PAVED DITCH REMOVAL
- H.M.A SURFACE REMOVAL - VARIABLE DEPTH
- PIPE CULVERT REMOVAL
- STORM SEWER REMOVAL
- ADJ — STRUCTURE TO BE ADJUSTED

FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
	PLOT DATE = $DATE$	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 8
EXISTING AND REMOVAL PLANS

SCALE: 1" = 20'-0" | SHEET NO. 2 OF 3 SHEETS | STA. 198+00.00 TO STA. 203+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	39
		CONTRACT NO. 89352		
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT		

PROJECT END
STA. 204+60

ROCK

ROCK

C.E. +47.15

N

SIGN

E

E

15" CMP

PT Sta 204+86.47

204+00

205+00

206+00

207+00

208+00

209+00

30
BUTT JOINT

15" CMP

C.E. +51.67

C.E. +51.68

SIGN

SIGN

T

T

BIT

C

MATCHLINE STA. 203+50
SEE ILLINOIS ROUTE 8 EXISTING AND REMOVAL PLANS
SHEET 2 OF 3

MATCHLINE STA. 209+50

LEGEND FOR REMOVAL ITEMS

- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- CCC & G REMOVAL
- R — STRUCTURE TO BE REMOVED
- H.M.A SURFACE REMOVAL (BUTT JOINT)
- PAVED DITCH REMOVAL
- H.M.A SURFACE REMOVAL - VARIABLE DEPTH
- PIPE CULVERT REMOVAL
- STORM SEWER REMOVAL
- ADJ — STRUCTURE TO BE ADJUSTED

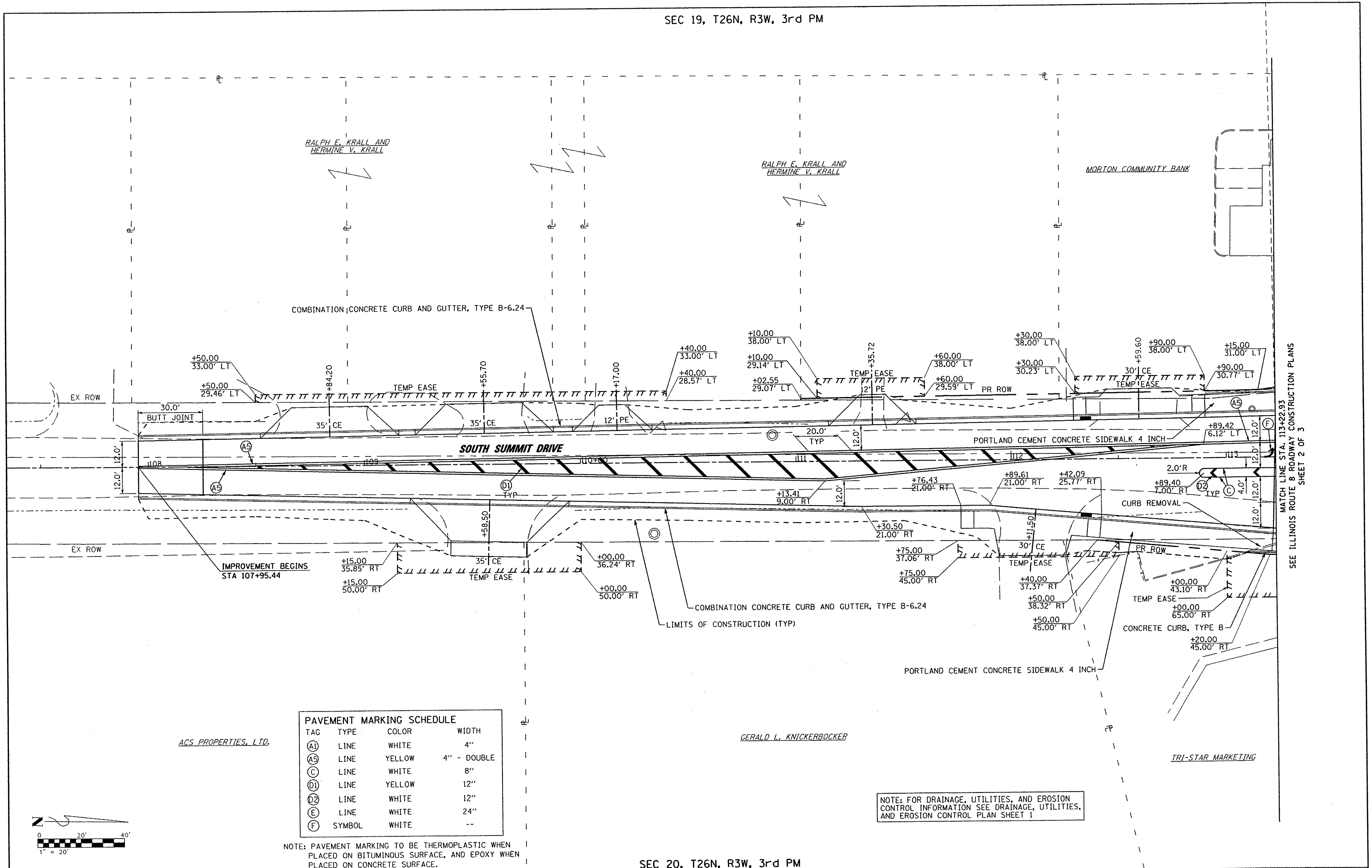
FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
	PLOT DATE = $DATE$	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 8
EXISTING AND REMOVAL PLANS

SCALE: 1" = 20'-0" | SHEET NO. 3 OF 3 SHEETS | STA. 203+50.00 TO STA. 209+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	40
		CONTRACT NO. 89352		
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT		



PAVEMENT MARKING SCHEDULE

TAG	TYPE	COLOR	WIDTH
A1	LINE	WHITE	4"
A5	LINE	YELLOW	4" - DOUBLE
C	LINE	WHITE	8"
D1	LINE	YELLOW	12"
D2	LINE	WHITE	12"
E	LINE	WHITE	24"
F	SYMBOL	WHITE	--

NOTE: PAVEMENT MARKING TO BE THERMOPLASTIC WHEN PLACED ON BITUMINOUS SURFACE, AND EPOXY WHEN PLACED ON CONCRETE SURFACE.

NOTE: FOR DRAINAGE, UTILITIES, AND EROSION CONTROL INFORMATION SEE DRAINAGE, UTILITIES, AND EROSION CONTROL PLAN SHEET 1

FILE NAME =	PLOT SCALE = $SCALE$	DESIGNED - RAW	REVISED -
	PLOT DATE = $DATE$	DRAWN - RAW	REVISED -
	PLOT TIME = $TIME$	CHECKED - RJA	REVISED -
$FILEL$		DATE -	REVISED -

MAURER ▲ STUTZ, INC.
ENGINEERS SURVEYORS

SUMMIT DRIVE
ROADWAY CONSTRUCTION PLAN

SCALE: 1" = 20' | SHEET NO. 1 OF 8 SHEETS | START OF PROJECT TO STA. 113+22.93

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	41
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SEC 19, T26N, R3W, 3rd PM

RAYMOND W. PETERS AND MILDREN W. PETERS

SUNNYLAND CHURCH OF THE NAZARENE

WILLIAM R. AND RHONDA M. LYNN

EXISTING PERMANENT ELECTRIC EASEMENT

PROP. CURVE SMTCV1
PI STA. = 11+72.39
Δ = 0° 13' 55" (RT)
D = 0° 06' 53"
R = 50,000.00'
T = 101.19'
L = 202.39'
E = 0.10'
e = N.C.
P.C. STA. = 10+71.19
P.T. STA. = 12+73.58

PROP. CURVE SMTCV2
PI STA. = 15+92.33
Δ = 0° 11' 38" (RT)
D = 0° 05' 44"
R = 60,000.00'
T = 101.59'
L = 203.17'
E = 0.09'
e = N.C.
P.C. STA. = 14+90.75
P.T. STA. = 16+93.92

SEE ILLINOIS ROUTE 8 ROADWAY CONSTRUCTION PLANS SHEET 2 OF 3 — MATCH LINE STA 11+95.91

MATCH LINE STA 18+00.00 — SEE SUMMIT DRIVE ROADWAY CONSTRUCTION PLANS SHEET 3 OF 8

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24

+22.50 — +45.00 45.00' LT — +45.00 33.71' LT — 12' PE — PR ROW — +40.00 25.86' LT — +72.00 40.00' LT — +72.00 25.75' LT — +86.00 — 16' CE — TEMP EASE — +60.00 — 28' CE — EX ROW — +11.50 — 12' PE

+43.47 28.00' LT — +80.00 4.00' LT — +75.00 17.00' LT — +65.60 13.00' LT — +65.60 0.00' RT

+04.60 2.00' LT — PCC — +92.18 22.13' RT — 20.0' TYP — +65.60 13.00' RT — NORTH SUMMIT DRIVE — 13.0' — 13.0'

+05.60 12.00' RT — PR ROW — +00.00 24.35' RT — EX ROW — 15' PE — 12' PE — TEMP EASE

12+35.81 24.00' RT — 30' CE — +00.00 36.00' RT — +57.90 — TEMP EASE — +76.50 — +51.50 — EXISTING PERMANENT ELECTRIC ROW

+55.38 50.00' RT — +55.40 40.00' RT

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24

LIMITS OF CONSTRUCTION (TYP)

THERMOPLASTIC PAVEMENT MARKING SCHEDULE			
TAG	TYPE	COLOR	WIDTH
A1	LINE	WHITE	4"
A5	LINE	YELLOW	4" - DOUBLE
C	LINE	WHITE	8"
D1	LINE	YELLOW	12"

NOTE: FOR DRAINAGE, UTILITIES, AND EROSION CONTROL INFORMATION, SEE DRAINAGE, UTILITIES, AND EROSION CONTROL PLAN SHEET 2

ELIZABETH C. DIXON

MARILYN DIANE (DEBOLT) JONES AND MARY KATHERINE CARLS

MARWAN QATOUM AND REBECCA L. QATOUM

0 20' 40'
1" = 20'

SEC 20, T26N, R3W, 3rd PM

FILE NAME = $FILE$	PLOT SCALE = $SCALE$	DESIGNED - RAW	REVISED -
	PLOT DATE = $DATE$	DRAWN - RAW	REVISED -
	PLOT TIME = $TIME$	CHECKED - RJA	REVISED -
		DATE -	REVISED -

MAURER ▲ STUTZ, INC.
ENGINEERS SURVEYORS

SUMMIT DRIVE
ROADWAY CONSTRUCTION PLAN

SCALE: 1" = 20' | SHEET NO. 2 OF 8 SHEETS | STA. 12+00.00 TO STA. 18+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	42
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SEC 19, T26N, R3W, 3rd PM

WILLIAM R. AND RHONDA M. LYNN

JESSE C. SHELTON, JR.

JAMES E. BONNETT, SR. AND WANDA A. BONNETT

PRAIRIE INVESTMENT PROPERTIES

EXISTING PERMANENT ELECTRIC EASEMENT

THERMOPLASTIC PAVEMENT MARKING SCHEDULE			
TAG	TYPE	COLOR	WIDTH
A5	LINE	YELLOW	4" - DOUBLE

PROP. CURVE SMTCV3
PI STA. = 21+92.03
Δ = 0° 44' 01" (LT)
D = 0° 21' 29"
R = 16,000.00'
T = 102.43'
L = 204.85'
E = 0.33'
e = N.C.
P.C. STA. = 20+89.60
P.T. STA. = 22+94.45

CONCRETE HEADWALL FOR PIPE DRAIN
PIPE UNDERDRAIN 8", 14'
INLET AND PIPE PROTECTION
PERIMETER EROSION BARRER
COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
SEE COMMITMENTS ON GENERAL NOTES SHEET
LIMITS OF CONSTRUCTION (TYP)
APPROXIMATE LIMITS CLASS 3 SEEDING
PR ROW
PERM EASE
PIPE CULVERTS, CLASS A, TYPE 6, 72", 122.8' @ 0.94% STA 23+53.08, SKEW 31°45'20" AL

+51.53 40.00' LT
+51.53 35.00' LT
+70.60
+08.60 12' PE
+18.50
+83.16 35.00' LT
+50.00 39.89' LT
+21.50 19' PE
+75.00 140.00' LT
+00.00 115.00' LT
+75.00 115.00' LT

SANITARY MH
RIM = 711.86
INV = 707.42

SANITARY MH
RIM = 707.93
INV = 702.00

TEMP EASE
20' PE
12' PE

ADJUST EXIST SAN MH
NEW RIM = 713.09 (GUTTER ft)

ADJUST EXIST. SAN MH
NEW RIM = 708.08 (GUTTER ft)

B-12
A5
B-13
B-13a
B-13b
B-14

SS, (WM REQ), TY 1, 12" @ 1.03%, 32.9'
SS CL A TY 3 72" @ 0.33%, 169.7'
SS CL A TY 3 72" @ 0.33%, 69.7'
SS CL A TY 3 72" @ 0.33%, 63.8'
SS CL A TY 1 12" @ 1.0%, 128.0'

NORTH SUMMIT DRIVE

18 19 20+00 21 22 23

+13.00 20' PE
+38.60 12' PE
+73.60 22' PE
+68.50
+52.60 15' PE
+50.00 18' PE
+92.38 40.33' RT
+92.63 35.00' RT
+92.63 50.00' RT
+92.32 50.00' RT
+55.29 30.00' RT
+55.29 35.00' RT
+30.28 40.00' RT
+30.28 30.00' RT
+50.00 100.00' RT
+50.00 130.00' RT

INLET AND PIPE PROTECTION
CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 48" STA 23+01.47, 83.38' RT INV = 672.29
PERIMETER EROSION BARRER
PIPE CULVERTS, CLASS A, TYPE 7, 48", 74.3' @ 0.94% STA 23+53.08, SKEW 31°45'20" AL

SS CL A TY 3 72" @ 0.33%, 419.5'
COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
PERIMETER EROSION BARRER
INLET AND PIPE PROTECTION
PIPE UNDERDRAIN 8", 14'
CONCRETE HEADWALL FOR PIPE DRAINS
INLET AND PIPE PROTECTION
APPROXIMATE LIMITS CLASS 3 SEEDING
EXISTING PERMANENT ELECTRIC EASEMENT
PERIMETER EROSION BARRER
TEMP EASE

MATCH LINE STA 18+00.00 SEE SUMMIT DRIVE ROADWAY CONSTRUCTION PLANS SHEET 2 OF 8

MATCH LINE STA 24+00.00 SEE SUMMIT DRIVE ROADWAY CONSTRUCTION PLANS SHEET 4 OF 8

MARWAN OATOUM AND REBECCA L. OATOUM

JEROME L. GENDRON AND JAMIE L. GENDRON

BILLIE W. LONG AND E. ANN LONG

EUGENE P. POWERS AND YVONNE POWERS

JOHN M. KNIGHT AND PATRICIA S. KNIGHT

CITY OF WASHINGTON

N
0 20' 40'
1" = 20'

SEC 20, T26N, R3W, 3rd PM

FILE NAME = $FILE$	PLOT SCALE = $SCALE$	DESIGNED - RAW	REVISED -
	PLOT DATE = $DATE$	DRAWN - RAW	REVISED -
	PLOT TIME = $TIME$	CHECKED - RJA	REVISED -
		DATE -	REVISED -

MAURER ▲ STUTZ, INC.
ENGINEERS SURVEYORS

SUMMIT DRIVE
ROADWAY CONSTRUCTION PLAN

SCALE: 1" = 20' | SHEET NO. 3 OF 8 SHEETS | STA. 18+00.00 TO STA. 24+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	43
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SEC 19, T26N, R3W, 3rd PM

PRAIRIE INVESTMENT PROPERTIES

THERMOPLASTIC PAVEMENT MARKING SCHEDULE			
TAG	TYPE	COLOR	WIDTH
A5	LINE	YELLOW	4" - DOUBLE

STONE RIPRAP, CLASS A5 AND FILTER FABRIC

CONCRETE HEADWALLS & REINFORCEMENT BARS
SOUTH PIPE, STA 24+10.49, 92.75' LT
INV = 668.86
NORTH PIPE, STA. 24+20.03, 92.75' LT
INV = 668.86

1/4-SECTION LINE

PIPE CULVERTS, CLASS A, TYPE 6, 72", 180.7' @ 2.78%
STA 24+58.23, SKEW 22°23'6" AR

+50.00 140.00' LT

PERM EASE

+50.00 115.00' LT

PR ROW

+00.00 115.00' LT

PERIMETER EROSION BARRIER

REMOVE EXISTING CULVERTS

APPROXIMATE LIMITS CLASS 3 SEEDING

PR ROW

TREE REMOVAL (TYP)

+75.00 36.07' LT

EX ROW

EXISTING MANHOLE SCHEDULED TO BE REMOVED BY OTHERS

MANHOLES TO BE ADJUSTED

LIMITS OF CONSTRUCTION (TYP)

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24

+50.00 70.00' LT

TEMP EASE

+50.00 36.50' LT

EXISTING PERMANENT ELECTRIC EASEMENT

SS CL A TY 1 12" @ 1.0%, 28.1'

B-16

APPROXIMATE LIMITS CLASS 3 SEEDING

13'

A5

NORTH SUMMIT DRIVE

B-15

50' R

EX ROW

EXISTING SANITARY MANHOLE

EXISTING ABANDONED SANITARY MANHOLE

+50.00 50.00' RT

+50.00 50.00' RT

+45.41 63.00' RT

+81.58 65.00' RT

PR ROW

+81.58 75.00' RT

+50.00 43.81' RT

+77.54 63.00' RT

+50.00 75.00' RT

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24

EXISTING ABANDONED SANITARY MANHOLE

EXISTING PERMANENT ELECTRIC EASEMENT

MANHOLES TO BE ADJUSTED

EXISTING PERMANENT ELECTRIC EASEMENT

+11.34 100.00' RT

PERIMETER EROSION BARRIER

CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 72"
STA 24+88.73, 74.05' RT
INV = 673.88

R

EDMUND A. ZOSKY

INLET AND PIPE PROTECTION (TYP)

LEXINGTON DRIVE

SCOTT J. TRANCHITELLA AND ZANDRA J. TRANCHITELLA

SS CL A TY 1 12" @ 1.0%, 128.0'

PERIMETER EROSION BARRIER

EXISTING ABANDONED SANITARY MANHOLE

DAVID C. JOHNSTON AND CARYL C. JOHNSTON

CITY OF WASHINGTON

SEC 20, T26N, R3W, 3rd PM

N

0 20' 40'
1" = 20'

SEE SUMMIT DRIVE ROADWAY CONSTRUCTION PLANS SHEET 3 OF 8 — MATCH LINE STA 24+00.00

MATCH LINE STA 30+00.00 — SEE SUMMIT DRIVE ROADWAY CONSTRUCTION PLANS SHEET 5 OF 8

FILE NAME = $FILE$	PLOT SCALE = $SCALE$	DESIGNED - RAW	REVISED -
	PLOT DATE = $DATE$	DRAWN - RAW	REVISED -
	PLOT TIME = $TIME$	CHECKED - RJA	REVISED -
		DATE -	REVISED -

MAURER ▲ STUTZ, INC.
ENGINEERS SURVEYORS

SUMMIT DRIVE
ROADWAY CONSTRUCTION PLAN

SCALE: 1" = 20' | SHEET NO. 4 OF 8 SHEETS | STA. 24+00.00 TO STA. 30+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	44
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SEC 19, T26N, R3W, 3rd PM

THERMOPLASTIC PAVEMENT MARKING SCHEDULE			
TAG	TYPE	COLOR	WIDTH
A5	LINE	YELLOW	4" - DOUBLE

PRAIRIE INVESTMENT PROPERTIES

ROY ADOLPH DANZ AND DORIS MARIE DANZ

MATCH LINE STA 30+00.00
SEE SUMMIT DRIVE ROADWAY CONSTRUCTION PLANS
SHEET 4 OF 8

MATCH LINE STA 36+00.00
SEE SUMMIT DRIVE ROADWAY CONSTRUCTION PLANS
SHEET 6 OF 8

LIMITS OF CONSTRUCTION (TYP)
TREE REMOVAL (TYP)
TEMP EASE
INLET AND PIPE PROTECTION
EX ROW
COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
+00.00 80.00' LT
+00.00 70.00' LT
+00.00 37.05' LT
APPROXIMATE LIMITS CLASS 3 SEEDING
STA. 34+36.69
64.99' LT
INV. ELEV.=665.27
STONE RIPRAP, CLASS A5 AND FILTER FABRIC
PR ROW
INLET AND PIPE PROTECTION
SS CL A TY 1 12" @ 0.72%, 180.0'
146.0' OF DOUBLE 6'x6' CONCRETE BOX CULVERT @ 0.84% & REINFORCEMENT BARS. STA 34+70.81, SKEW=27°42'9" AR
SS CL A TY 1 12" @ 1.25%, 213.0'
EXISTING PERMANENT ELECTRIC EASEMENT
NORTH SUMMIT DRIVE
30+00
131
132
133
134
135+00
SS CL A TY 1 12" @ 1.35%, 28.1'
SS CL A TY 1 12" @ 1.0%, 28.1'
EXISTING ABANDONED SAN MH
24" CMP
REMOVE EXISTING CULVERTS
INLET AND PIPE PROTECTION
+00.00 43.42' RT
+00.00 60.00' RT
+00.00 42.95' RT
+00.00 60.00' RT
EX ROW
PR ROW
TEMP EASE
EXISTING CITY OF WASHINGTON EASEMENT
12" CMP
+00.00 80.00' RT
STONE RIPRAP, CLASS A5 AND FILTER FABRIC
STONE DUMPED RIPRAP, CLASS B3 AND FILTER FABRIC
APPROXIMATE LIMITS CLASS 3 SEEDING
STA. 35+04.56
64.28' RT
INV. ELEV.=666.49
CULVERT SCHEDULED TO BE REMOVED BY OTHERS
EXISTING SANITARY PUMP STATION SCHEDULED TO BE REMOVED BY OTHERS

EDMUND A. ZOSKY

ROY ADOLPH DANZ AND DORIS MARIE DANZ

0 20' 40'
1" = 20'

SEC 20, T26N, R3W, 3rd PM

FILE NAME = $FILE$	PLOT SCALE = $SCALE$	DESIGNED - RAW	REVISED -
	PLOT DATE = $DATE$	DRAWN - RAW	REVISED -
	PLOT TIME = $TIME$	CHECKED - RJA	REVISED -
		DATE -	REVISED -

MAURER ▲ STUTZ, INC.
ENGINEERS SURVEYORS

SUMMIT DRIVE
ROADWAY CONSTRUCTION PLAN

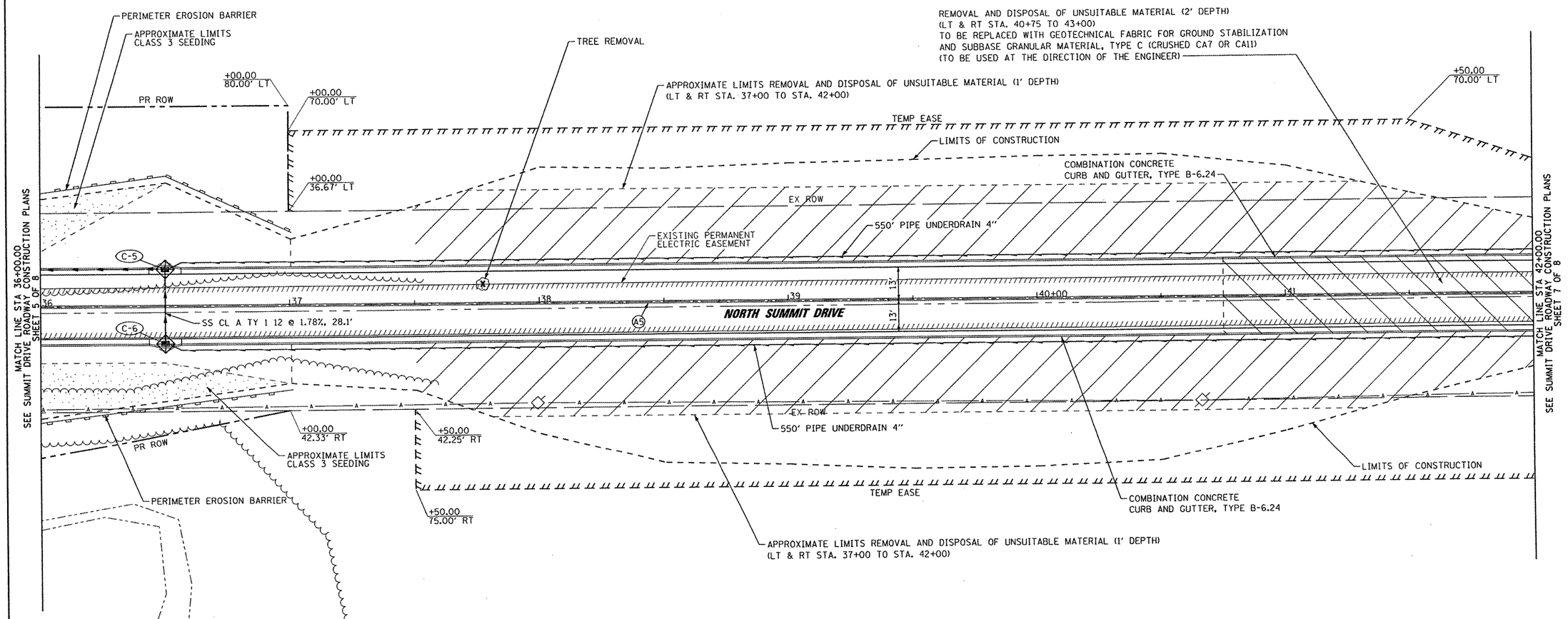
SCALE: 1" = 20' | SHEET NO. 5 OF 8 SHEETS | STA. 30+00.00 TO STA. 36+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	45
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SEC 19, T26N, R3W, 3rd PM

THERMOPLASTIC PAVEMENT MARKING SCHEDULE			
TAG	TYPE	COLOR	WIDTH
(A5)	LINE	YELLOW	4" - DOUBLE

ROY ADOLPH DANZ AND
DORIS MARIE DANZ



ROY ADOLPH DANZ AND
DORIS MARIE DANZ

0 20' 40'
1" = 20'

SEC 20, T26N, R3W, 3rd PM

FILE NAME = $FILE$

PLOT SCALE = $SCALE$	DESIGNED - RAW	REVISED -	
PLOT DATE = $DATE$	DRAWN - RAW	REVISED -	
PLOT TIME = $TIME$	CHECKED - RJA	REVISED -	
	DATE -	REVISED -	

MAURER ▲ STUTZ, INC.
ENGINEERS SURVEYORS

SUMMIT DRIVE
ROADWAY CONSTRUCTION PLAN

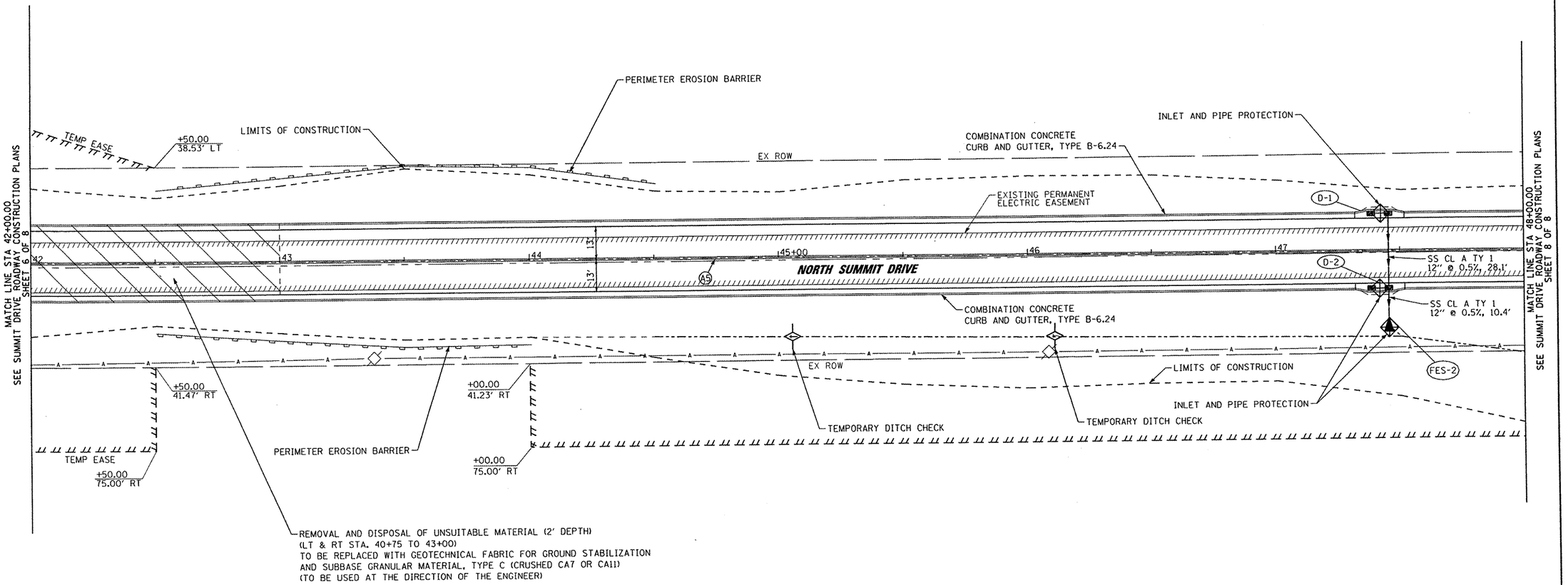
SCALE: 1" = 20' | SHEET NO. 6 OF 8 SHEETS | STA. 36+00.00 TO STA. 42+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	46
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SEC 19, T26N, R3W, 3rd PM

THERMOPLASTIC PAVEMENT MARKING SCHEDULE			
TAG	TYPE	COLOR	WIDTH
(A5)	LINE	YELLOW	4" - DOUBLE

ROY ADOLPH DANZ AND
DORIS MARIE DANZ



ROY ADOLPH DANZ AND
DORIS MARIE DANZ

0 20' 40'
1" = 20'

SEC 20, T26N, R3W, 3rd PM

FILE NAME = $FILE$	PLOT SCALE = $SCALE$	DESIGNED - RAW	REVISED -
	PLOT DATE = $DATE$	DRAWN - RAW	REVISED -
	PLOT TIME = $TIME$	CHECKED - RJA	REVISED -
		DATE -	REVISED -

MAURER ▲ STUTZ, INC.
ENGINEERS SURVEYORS

SUMMIT DRIVE
ROADWAY CONSTRUCTION PLAN

SCALE: 1" = 20' | SHEET NO. 7 OF 8 SHEETS | STA. 42+00.00 TO STA. 48+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	47
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SEC 19, T26N, R3W, 3rd PM

SEC 18, T26N, R3W, 3rd PM

THERMOPLASTIC PAVEMENT MARKING SCHEDULE			
TAG	TYPE	COLOR	WIDTH
A5	LINE	YELLOW	4" - DOUBLE
C	LINE	WHITE	8"
D2	LINE	WHITE	12"

ROY ADOLPH DANZ AND
DORIS MARIE DANZ

PERIMETER EROSION BARRIER

PRECAST REINFORCED CONCRETE
FLARED END SECTIONS 42"
STA 49+26.07
26.88' LT
INV = 703.99

PRECAST REINFORCED CONCRETE
FLARED END SECTIONS 42"
STA 49+18.89
25.81' LT
INV = 703.99

+00.00
50.00' LT

+00.00
39.55' LT

+50.00
50.00' LT

+50.00
39.63' LT

58.1' - PIPE CULVERT,
CLASS A, TYPE 2, 42" @ 0.22%
SKEW 8°27'32" AR

EX ROW

9.6' - PIPE CULVERT,
CLASS A, TYPE 2, 42" @ 0.22%
SKEW 8°27'32" AR

COMBINATION CONCRETE
CURB AND GUTTER, TYPE B-6.24

EX SAN MH
STA 52+02 LT
RIM = 714.41
INV =

EXISTING GAS EASEMENT

GRADE DITCH TO DRAIN

SS CL A TY 1, 12" @ 0.50%, 20.0'

FES-4

+77.95
63.00' LT

STOP SIGN, COMPLETE
STA 52+18.00
60.00' LT

IMPROVEMENT ENDS
STA 52+32.21

STA 52+41.69 SUMMIT DR. =
STA 3380+69.48 CENTENNIAL DR.

EXISTING SANITARY EASEMENT

EXISTING STOP SIGN

GRANGE ROAD

SS CL A TY 1, 12" @ 0.57%, 58.0'

NORTH SUMMIT DRIVE

SEE SUMMIT DRIVE ROADWAY CONSTRUCTION PLANS SHEET 7 OF 8
MATCH LINE STA 48+00.00

27.7' - PIPE CULVERT,
CLASS A, TYPE 2, 42" @ 0.22%
SKEW 8°27'32" AR

D-3

50+00

13'

A5

48

49

51

52

53

54

50'R

20.0
TYP

C

REMOVE EXISTING CULVERTS

D-4

TEMPORARY
DITCH CHECK

+00.00
40.45' RT

+00.00
50.00' RT

15.6' - PIPE CULVERT,
CLASS A, TYPE 2, 42" @ 0.22%
SKEW 8°27'32" AR

EXISTING ELECTRIC EASEMENT

COMBINATION CONCRETE
CURB AND GUTTER, TYPE B-6.24

EX ROW

STOP SIGN, COMPLETE
STA 51+95.00
22.00' RT

E-1

+77.70
63.00' RT

D2
TYP

STOP SIGN, COMPLETE
STA 52+64.15
55.00' RT

+50.00
40.37' RT

+50.00
50.00' RT

+50.00
75.00' RT

SS CL A TY 1, 12" @ 0.50%, 20.0'

FES-3

EXISTING WATER EASEMENT

GRADE DITCH TO DRAIN

CENTENNIAL DRIVE

EXISTING ELECTRIC EASEMENT

PRECAST REINFORCED CONCRETE
FLARED END SECTIONS 42", SPECIAL
STA 49+27.46
31.74' RT
INV = 704.15

PRECAST REINFORCED CONCRETE
FLARED END SECTIONS 42", SPECIAL
STA 49+34.64
30.68' RT
INV = 704.15

N

0 20' 40'
1" = 20'

ROY ADOLPH DANZ AND
DORIS MARIE DANZ

SEC 20, T26N, R3W, 3rd PM

SEC 17, T26N, R3W, 3rd PM

FILE NAME =	PLOT SCALE = $SCALE$	DESIGNED -	REVISED -
	PLOT DATE = $DATE$	DRAWN -	REVISED -
	PLOT TIME = $TIME$	CHECKED -	REVISED -
$FILEL$		DATE -	REVISED -

MAURER ▲ STUTZ, INC.
ENGINEERS SURVEYORS

SUMMIT DRIVE
ROADWAY CONSTRUCTION PLAN

SCALE: 1" = 20' | SHEET NO. 8 OF 8 SHEETS | STA. 48+00.00 TO STA. 54+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	48
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

N

PT Sta 193+85.11

PROJECT BEGIN
STA. 194+60

EAST
PEORIA

EX. R.O.W.

Const. Limits

ROBERT A. REIS
MONICA K. REIS

C.E. +98.43

Gutter TY B

C.E. +37.71

28'-7"

T.E.

35'-0"

Prop. R.O.W.

PC Sta 197+05.51

6'

24'-0"

193+00

194+00

194+00

195+00

196+00

197+00

198+00

8 (IL 8)
riargate St.)

Sta. 196+69.55 (IL 8)
Sta. 10+00 (Argo St.)

24'-0"

7'

EX. R.O.W.

30' R.

+36.53
25.90'

+25.07
17.45'

+5.37
15.00'

+75.00

+15.00

8+00

9+00

30'-0"

+25.31
17.29'

+5.37
15.00'

40' R.

+50.84
26.96'

18'-7"

T.E.

30'-5"

C.E. +33.48

C.E. +06.15

J & R SUNNYLAND
SHOPPING CENTER

BRIARGATE ST.

ARGO ST.

8+00

C

C

C

SEE ILLINOIS ROUTE 8 ROADWAY CONSTRUCTION PLANS
SHEET 2 OF 3
MATCHLINE STA. 198+50

LEGEND:

1	H-M-A BASE COURSE 6"
2	POLYMERIZED H-M-A SURFACE COURSE, MIX "E", N50
3	INCIDENTAL H-M-A SURFACING, 1.5"
4	P.C.C PAVEMENT 10" (JOINTED)
5	P.C.C. DRIVEWAY PAVEMENT, 8"
6	P.C.C. SIDEWALK, 4"
7	P.C.C. SIDEWALK 4" SPECIAL
8	P.C.C. SIDEWALK 6"
9	P.C.C. SIDEWALK 6" SPECIAL
10	COMB. C.C.&G., TYPE B-6.12
11	COMB. C.C.&G., TYPE B-6.24
12	CONCRETE CURB TYPE B
13	CONC. MEDIAN, TYPE SM-6.12
14	PRECAST MODULAR BLOCK WALL

FILE NAME = $FILE1$	USER NAME = $USER$	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
	PLOT DATE = $DATE$	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 8
ROADWAY CONSTRUCTION PLAN

SCALE: 1" = 20' | SHEET NO. 1 OF 3 SHEETS | STA. 192+25.00 TO STA. 198+50.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	49
		CONTRACT NO. 89352		
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT		

PROP. CURVE SMTCV1
PI STA. = 11+72.39
Δ = 0° 13′ 55″ (RT)
D = 0° 06′ 53″
R = 50,000.00′
T = 101.19′
L = 202.39′
E = 0.10′
e = N.C.
P.C. STA. = 10+71.19
P.T. STA. = 12+73.58

2 - CENTER CURVE
45'-200'
ø= 20'

2 - CENTER CURVE
45'- 260'
ø= 15'

2 - CENTER CURVE
45'-140'
ø= 20'

PROP. CURVE IL8CURV9
PI STA. = 202+21.64
Δ = 3° 02′ 07″ (LT)
D = 0° 34′ 23″
R = 10,000.00′
T = 264.95′
L = 529.78′
E = 3.51′
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 199+56.69
P.T. STA. = 204+86.47

LEGEND:

1	H-M-A BASE COURSE 6"
2	POLYMERIZED H-M-A SURFACE COURSE, MIX "E", N50
3	INCIDENTAL H-M-A SURFACING, 1.5"
4	P.C.C PAVEMENT 10" (JOINTED)
5	P.C.C. DRIVEWAY PAVEMENT, 8"
6	P.C.C. SIDEWALK, 4"
7	P.C.C. SIDEWALK 4" SPECIAL
8	P.C.C. SIDEWALK 6"
9	P.C.C. SIDEWALK 6" SPECIAL
10	COMB. C.C.&G., TYPE B-6.12
11	COMB. C.C.&G., TYPE B-6.24
12	CONCRETE CURB TYPE B
13	CONC. MEDIAN, TYPE SM-6.12
14	PRECAST MODULAR BLOCK WALL

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
	PLOT DATE = $DATE$	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 8
ROADWAY CONSTRUCTION PLAN

SCALE: 1" = 20' | SHEET NO. 2 OF 3 SHEETS | STA. 198+500.00 TO STA. 204+00.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	50
		CONTRACT NO. 89352		
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT		

MATCHLINE STA. 204+00
SEE ILLINOIS ROUTE 8 ROADWAY CONSTRUCTION PLANS
SHEET 2 OF 3

Project Ends
Sta. 204+30

Butt Joint
Length = 30'

Sta. 204+60

C.E. +47.15

ROCK

SIGN

EX. R.O.W.

48" CMP

PT Std. 204+86.47

204+00

36'-0"

205+00

206+00

207+00

36'-0"

208+00

209+00

2' BOX

210+

1 3

37'-5"

42'-3"

C.E. +51.67

C.E. +51.68

EX. R.O.W.

SIGN

(TEL)

GN

BIT

G

G

R

C

R

R

R

LEGEND:

1	H-M-A BASE COURSE 6"
2	POLYMERIZED H-M-A SURFACE COURSE, MIX "E", N50
3	INCIDENTAL H-M-A SURFACING, 1.5"
4	P.C.C PAVEMENT 10" (JOINTED)
5	P.C.C. DRIVEWAY PAVEMENT, 8"
6	P.C.C. SIDEWALK, 4"
7	P.C.C. SIDEWALK 4" SPECIAL
8	P.C.C. SIDEWALK 6"
9	P.C.C. SIDEWALK 6" SPECIAL
10	COMB. C.C.&G., TYPE B-6.12
11	COMB. C.C.&G., TYPE B-6.24
12	CONCRETE CURB TYPE B
13	CONC. MEDIAN, TYPE SM-6.12
14	PRECAST MODULAR BLOCK WALL

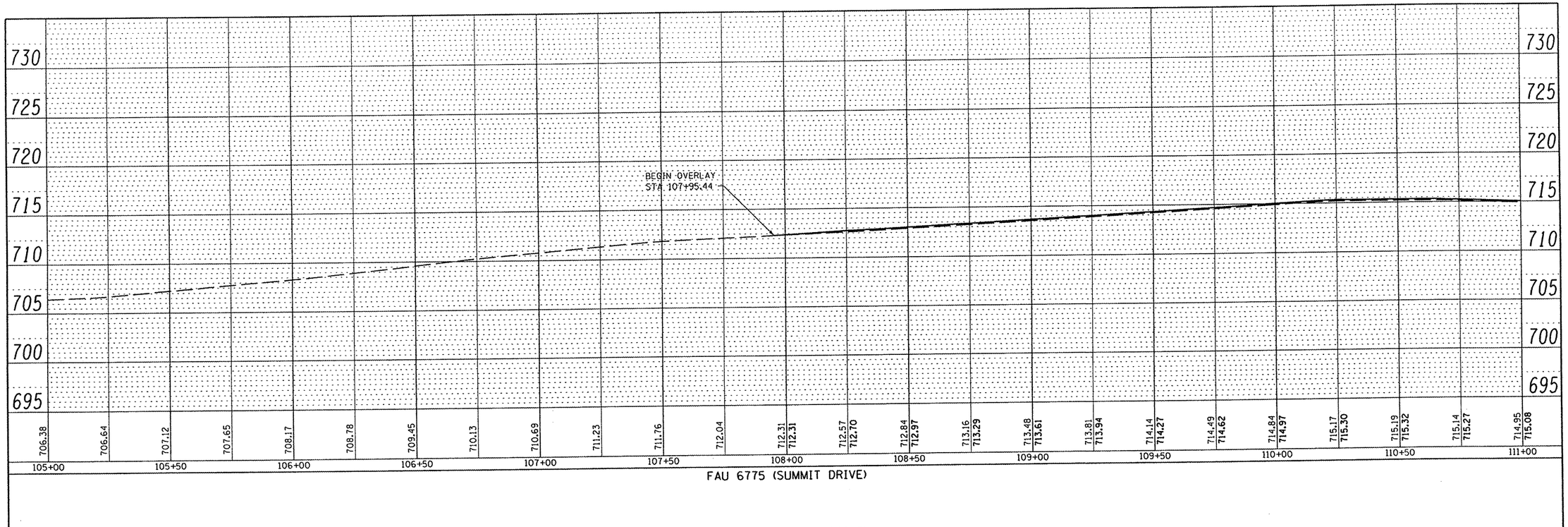
FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
	PLOT DATE = $DATE$	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

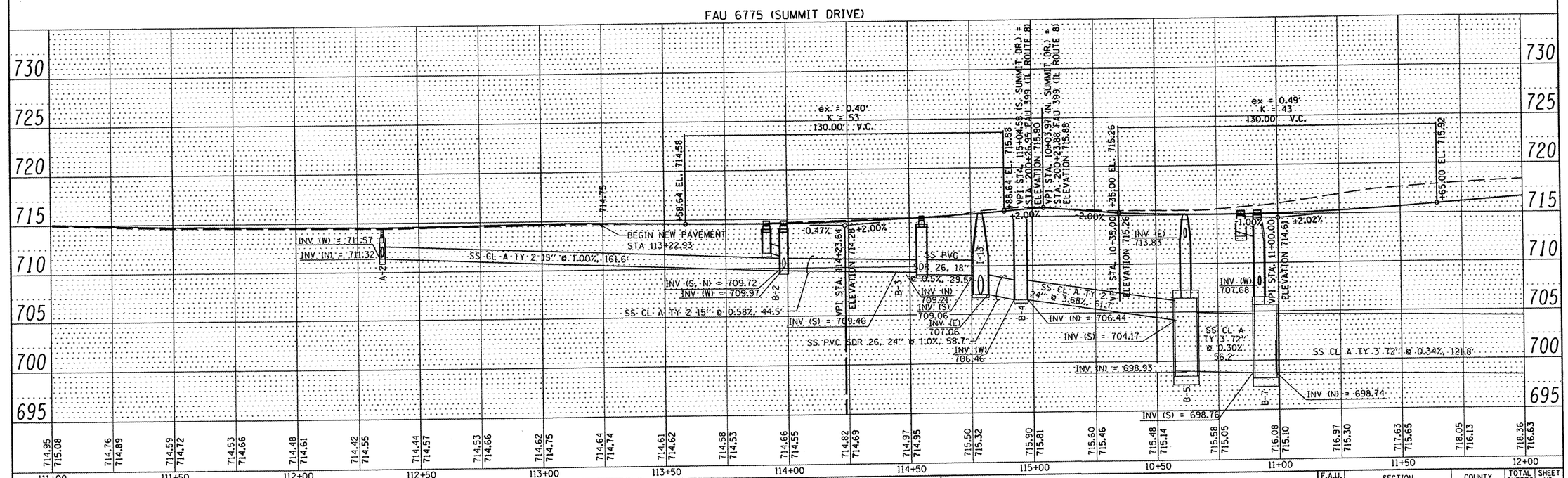
ILLINOIS ROUTE 8
ROADWAY CONSTRUCTION PLAN

SCALE: 1" = 20' | SHEET NO. 3 OF 3 SHEETS | STA. 204+00.00 TO STA. 210+00.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	51
		CONTRACT NO. 89352		
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT		



FAU 6775 (SUMMIT DRIVE)



FILE NAME = $FILE1$

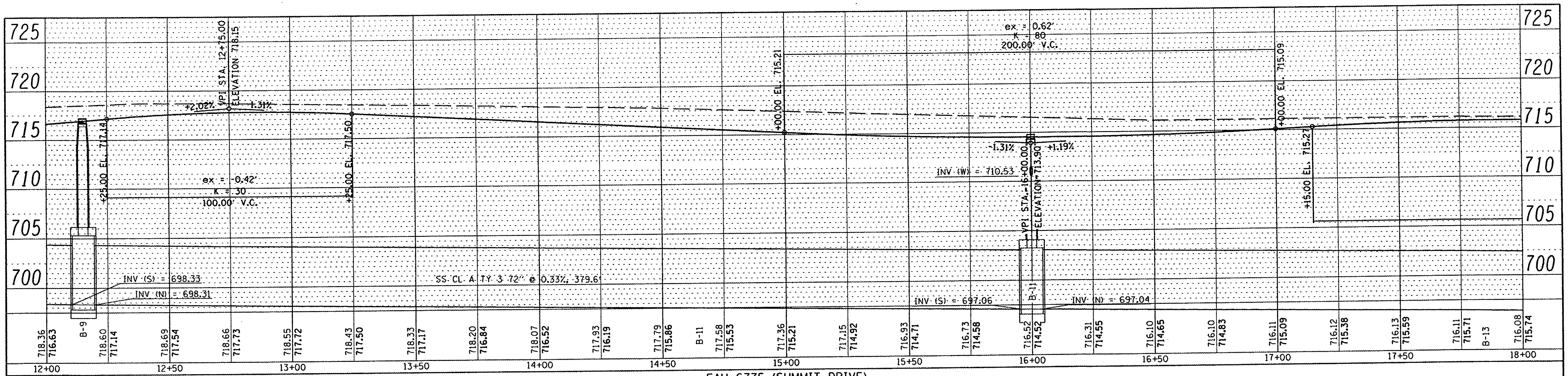
PLOT SCALE = $SCALE$	DESIGNED - RAW	REVISED -
PLOT DATE = $DATE$	DRAWN - RAW	REVISED -
PLOT TIME = $TIME$	CHECKED - RJA	REVISED -
	DATE -	REVISED -

MAURER ▲ STUTZ, INC.
ENGINEERS SURVEYORS

SUMMIT DRIVE
ROADWAY PROFILES

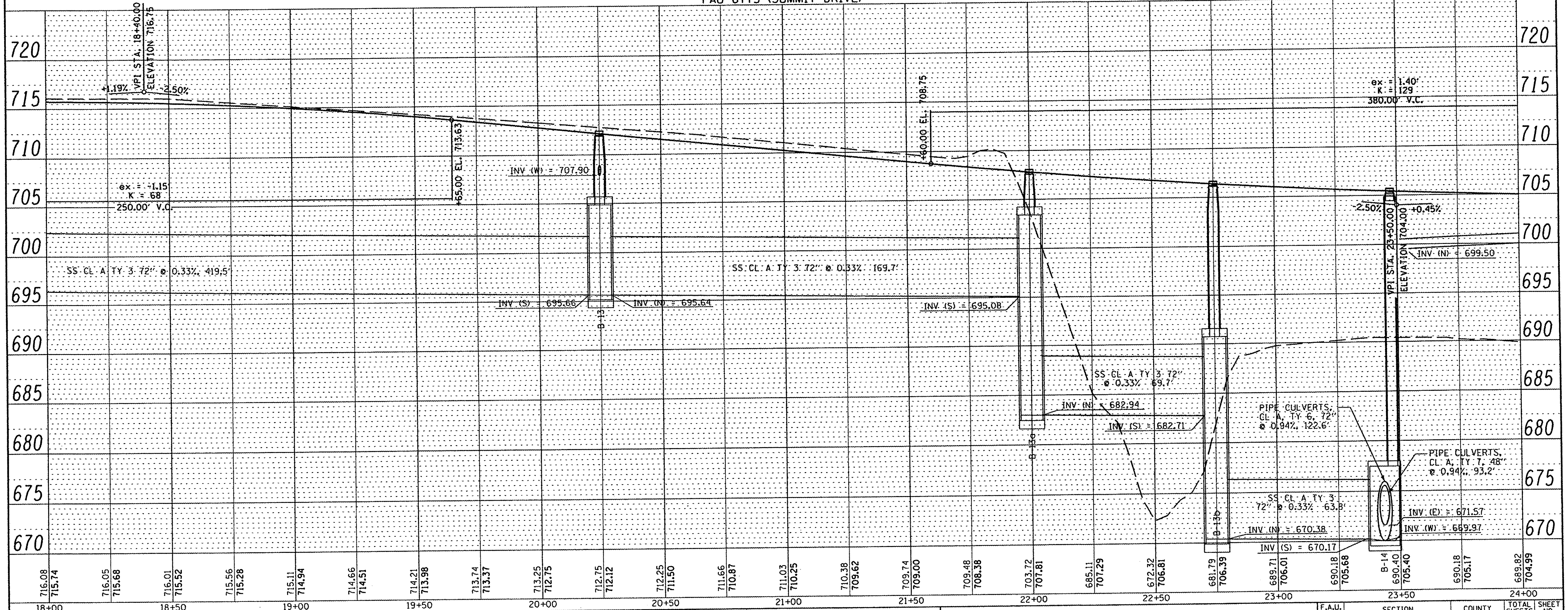
SCALE: 1" = 20' | SHEET NO. 1 OF 5 SHEETS | STA. 105+00.00 TO STA. 12+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	52
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



FAU 6775 (SUMMIT DRIVE)

FAU 6775 (SUMMIT DRIVE)



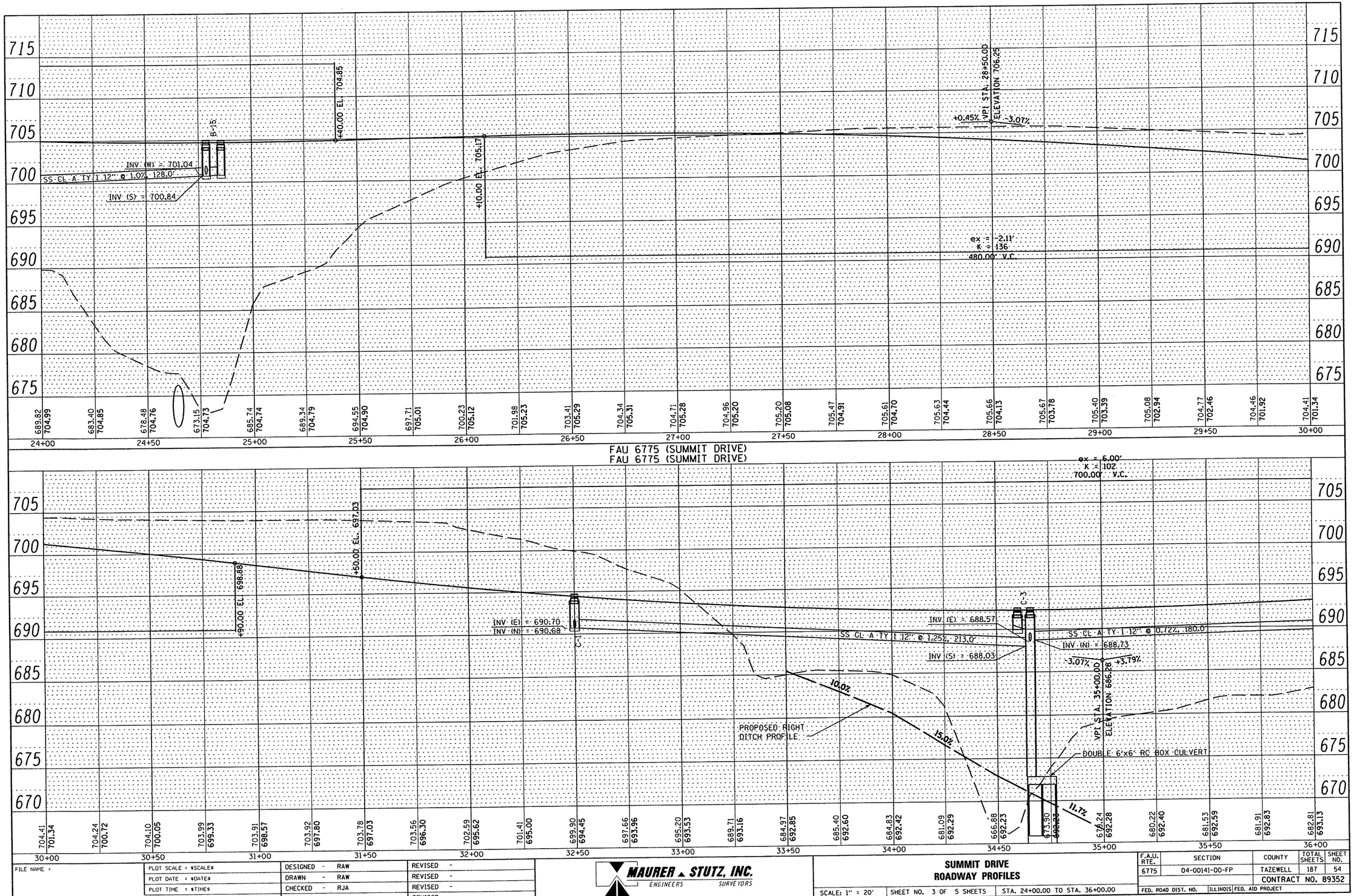
FILE NAME =	PLOT SCALE = $SCALE$	DESIGNED -	REVISED -
	PLOT DATE = $DATE$	DRAWN -	REVISED -
	PLOT TIME = $TIME$	CHECKED -	REVISED -
$FILEL$		DATE -	REVISED -

MAURER ▲ STUTZ, INC.
ENGINEERS SURVEYORS

SUMMIT DRIVE
ROADWAY PROFILES

SCALE: 1" = 20' | SHEET NO. 2 OF 5 SHEETS | STA. 12+00.00 TO STA. 24+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	53
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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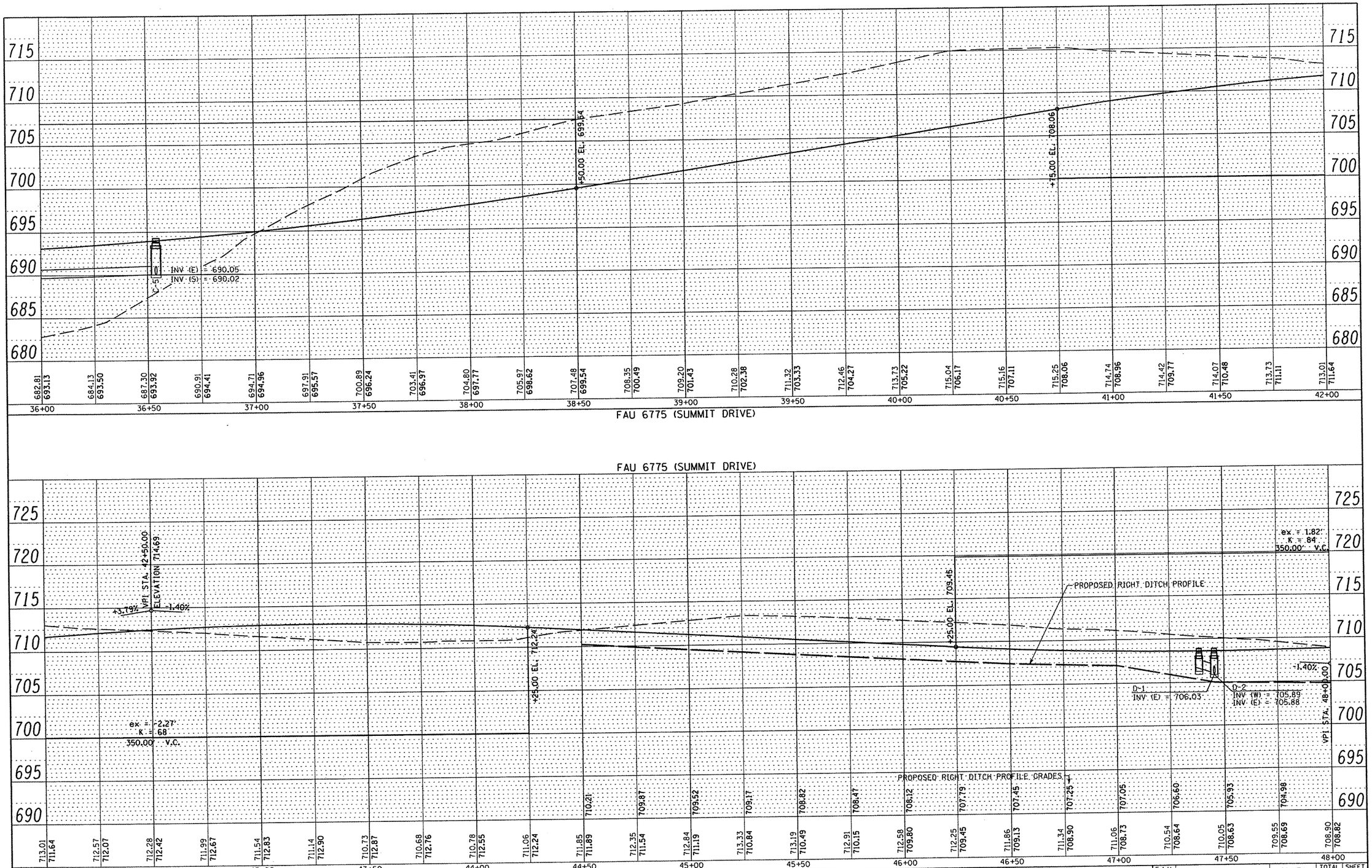
	PLOT DATE = $DATE$	DRAWN - RAW	REVISED -
	PLOT TIME = $TIME$	CHECKED - RJA	REVISED -
		DATE -	REVISED -

MAURER ▲ STUTZ, INC.
ENGINEERS SURVEYORS

SUMMIT DRIVE
ROADWAY PROFILES

SCALE: 1" = 20' | SHEET NO. 3 OF 5 SHEETS | STA. 24+00.00 TO STA. 36+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	54
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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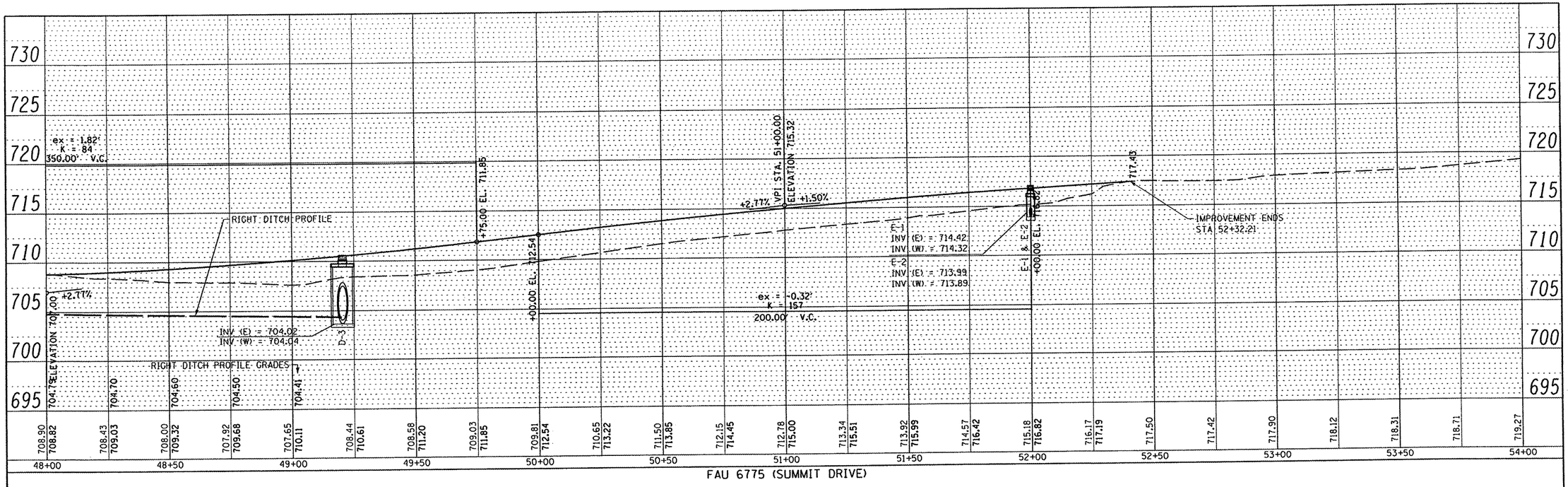
	PLOT DATE = $DATE$	DRAWN -	REVISED -
	PLOT TIME = $TIME$	CHECKED -	REVISED -
		DATE -	REVISED -

MAURER ▲ STUTZ, INC. ENGINEERS SURVEYORS

SUMMIT DRIVE
ROADWAY PROFILES

SCALE: 1" = 20' | SHEET NO. 4 OF 5 SHEETS | STA. 36+00.00 TO STA. 48+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	55
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



FAU 6775 (SUMMIT DRIVE)

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	PLOT DATE = $DATE$	DRAWN - RAW	REVISED -
	PLOT TIME = $TIME$	CHECKED - RJA	REVISED -
		DATE -	REVISED -

MAURER ▲ STUTZ, INC.
ENGINEERS SURVEYORS

SUMMIT DRIVE
ROADWAY PROFILES

SCALE: 1" = 20' | SHEET NO. 5 OF 5 SHEETS | STA. 48+00.00 TO STA. 54+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	56
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
ALL OF WAY CHECKED
NOTE BOOK
NO.
CADD FILE NAME
BY
DATE

ex = 0.31'
K = 253
250.00 V.C.

+43.47 EL. 714.38

+93.47 EL. 714.57

-0.42%

+0.51%

VPI STA. 196+68.47
ELEVATION 713.85

Proposed IL Rte. 8 Center Line

Existing IL Rte. Center Line

715
710
705

194+50	195+00	195+50	196+00	196+50	197+00	197+50	198+00	198+50	199+00	199+50	200+00	200+50
714.50 / 714.77	714.46 / 714.56	714.27 / 714.35	714.12 / 714.20	714.01 / 714.16	714.21 / 714.21	714.36 / 714.36	714.54 / 714.60	714.78 / 714.89	714.96 / 715.17	715.22 / 715.46	715.61 / 715.74	715.90 / 716.03

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
ALL STRUCTURES
STRUCTURE NO
STA/TRS OFFSD
NOTE BOOK
NO.
BY
DATE

Concrete Pavement | Bituminous Pavement

Butt Joint
30'-0"

Project End
Sta. 204+80

720
715
710

200+50	201+00	201+50	202+00	202+50	203+00	203+50	204+00	204+50	205+00	205+50	206+00	206+50
715.90 / 716.03	716.20 / 716.31	716.56 / 716.59	716.77 / 716.77	717.12 / 717.12	717.38 / 717.38	717.76 / 717.76	718.06 / 718.06	718.40 / 718.40	718.46	718.45	718.48	718.51

FILE NAME = $FILEL$
USER NAME = $USER$
PLOT SCALE = $SCALE$
PLOT DATE = $DATE$

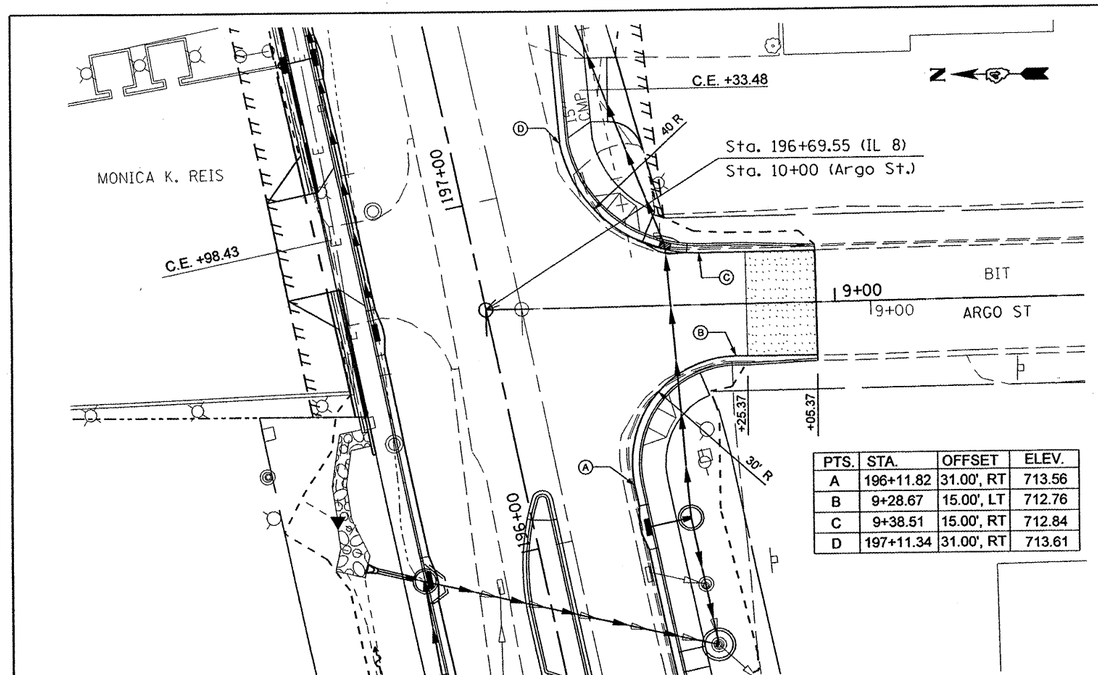
DESIGNED -	REVISED -	
DRAWN -	REVISED -	
CHECKED -	REVISED -	
DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE 8 PROPOSED PROFILE

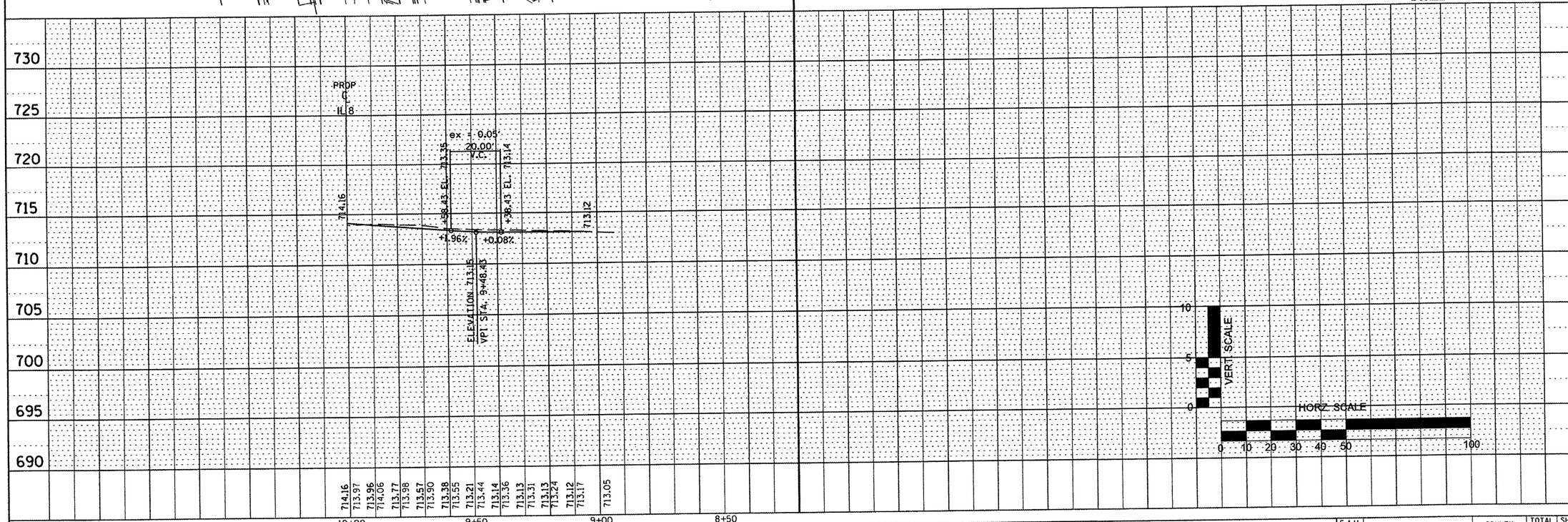
SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	57
		CONTRACT NO. 89352		
		ILLINOIS FED. AID PROJECT		



PTS.	STA.	OFFSET	ELEV.
A	196+11.82	31.00', RT	713.56
B	9+28.67	15.00', LT	712.76
C	9+38.51	15.00', RT	712.84
D	197+11.34	31.00', RT	713.61

0 50 100
SCALE



PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / NOTE BOOK / NO. / BY / DATE / PLOT, GRADES CHECKED / R.O.W. MONUMENTS / STRUCTURE NOTATIONS CHKD

PROFILE — SURVEYED / PLOTTED / PLAN CHECKED / GRADES CHECKED / NOTE BOOK / NO. / BY / DATE / R.O.W. MONUMENTS / STRUCTURE NOTATIONS CHKD

FILE NAME = #FILE1$	USER NAME = $USER$	DESIGNED - / DRAWN - / CHECKED - / DATE -
	PLOT SCALE = $SCALE$	REVISED - / REVISED - / REVISED - / REVISED -
	PLOT DATE = $DATE$	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ARGO STREET PLAN AND PROFILE

SCALE: 1" = 20' | SHEET NO. 1 OF 1 SHEETS | STA. 8+00.00 TO STA. 10+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	58
		CONTRACT NO. 89352		
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT		

GENERAL STAGING NOTES

1. POSITIVE DRAINAGE SHALL BE MAINTAINED AT ALL TIMES. FRAMES AND GRATES TO BE FILLED OR REMOVED SHALL BE SALVAGED AND DELIVERED TO IDOT, 1025 W. DETWEILLER DRIVE, PEORIA, IL. PLEASE CONTACT PAUL GRANT AT (309) 671-4474 FORTY-EIGHT HOURS IN ADVANCE OF DELIVERY.
2. USE AGGREGATE FOR TEMPORARY ACCESS OR HOT MIX INCIDENTAL SURFACING AND SIGNING AT DRIVEWAYS AND SIDE STREETS AS REQUIRED TO MAINTAIN ACCESS AND AT THE DIRECTION OF THE ENGINEER.
3. PRIOR TO WINTER SHUT DOWN THE FOLLOWING STEPS SHALL BE TAKEN:
   - ALL COLD MILLED SURFACES SHALL BE OVERLAID
   - A MINIMUM OF ONE LANE IN EACH DIRECTION AND TWO-WAY LEFT TURN LANE SHALL BE OPENED TO TRAFFIC
   - MANHOLES SHALL BE ADJUSTED TO THE ELEVATION OF THE PAVEMENT TO EASE IN PLOWING SNOW
   - TEMPORARY PAVEMENT MARKING SHALL BE PLACED ON ALL PAVEMENTS
   - STREET ACCESSES AND PUBLIC WORKS DRIVEWAYS SHALL HAVE TEMPORARY HOT-MIX BITUMINOUS SURFACES PLACED
4. ADJACENT SIDE ROADS SHALL NOT BE CLOSED SIMULTANEOUSLY. BLR 21 SHALL BE USED FOR LOCAL ROAD CLOSURE. SCHEDULE OF SIDE ROAD CLOSING SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.
5. CONTRACTOR SHALL REMOVE EXISTING PAVEMENT MARKING WHERE REQUIRED TO AVOID CONFLICTS WITH TEMPORARY PAVEMENT MARKINGS.
6. TRAFFIC CONTROL SHALL CONFORM TO STANDARD 701602 AND AS SHOWN ON THE PLANS. ALL REQUIRED SIGNS SHOWN IN STAGING PLANS SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL PAY ITEMS.
7. A MINIMUM OF ONE LANE OF TRAFFIC SHALL BE MAINTAINED IN EACH DIRECTION AT ALL TIME BETWEEN THE HOURS OF 7:00 AM TO 8:30 AM AND 3:00 PM TO 5:00 PM MONDAY THRU FRIDAY. LANES SHALL BE 11-FOOT MINIMUM WIDTHS OR AS SHOWN IN THE PLANS.
8. TEMPORARY PAVEMENT MARKINGS ON EXISTING PAVEMENT SHALL BE PAINT.
9. TEMPORARY PAVEMENT MARKINGS ON NEW PAVEMENT SHALL BE PAVEMENT MARKING TAPE, TYPE III.
10. TEMPORARY DRAINAGE DURING CONSTRUCTION STAGES WILL BE CONDUCTED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER. SUGGESTED SOLUTIONS FOR SOME OF THE DRAINAGE PROBLEMS DURING STAGE CONSTRUCTION ARE SHOWN ON THE PLANS.
11. TWO CHANGEABLE MESSAGE SIGNS (CMS) SHALL BE PLACED IN ADVANCE OF THE PROJECT FOR BOTH DIRECTIONS OF TRAVEL FOR ONE WEEK PRIOR TO THE START OF CONSTRUCTION. THE CMS MAY THEN BE REMOVED AND USED AT THE DISCRETION OF THE ENGINEER FOR STAGING CHANGES OR ANY IMPORTANT MESSAGE TO RELAY TO THE TRAVELLING PUBLIC. THE COST OF SETTING, REMOVING, AND MAINTAINING SHALL BE INCLUDED IN THE COST OF THE PAY ITEM.
12. TWO WIDTH RESTRICTION SIGNS (W12-1102) SHALL BE POST MOUNTED AT THE INTERSECTION OF US 150 AND ILLINOIS ROUTE 8, AND TWO SHALL BE POSTED AT THE INTERSECTION OF ILLINOIS ROUTE 8 AND BUSINESS ROUTE 24, WHEN TRAFFIC IS IN ONE LANE IN EACH DIRECTION. THE POSTED WIDTH SHALL BE THE WIDTH OF THE NARROWEST SECTION. THE COST FOR THE SIGNAGE, INSTALLATION, MAINTENANCE AND REMOVAL SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL PAY ITEMS.
13. BUSINESS ACCESS SIGNS SHALL BE REQUIRED FOR THIS PROJECT. THE SIGNS SHALL BE LOCATED AT AREAS DESIGNATED BY THE ENGINEER. THE SIGNS SHALL BE 4'x2' WITH AN ORANGE BACKGROUND, BLACK BORDER, AND BLACK 4" SERIES D LETTERING. THE SIGNS SHALL CONTAIN THE FOLLOWING MESSAGE:

    Business Access

    "Business Name"

    THE SIGNS SHALL BE PLACED WHEN CONSTRUCTION ACTIVITIES WILL BLOCK NORMAL BUSINESS ENTRANCES. THE COST FOR INSTALLATION, MAINTENANCE AND REMOVAL SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL PAY ITEMS.
14. WHEN NOT BEING USED TO DIRECT OR INFORM TRAFFIC, ARROW BOARDS MUST BE PLACED IN "CAUTION" MODE AND CMS MUST HAVE A MESSAGE DISPLAYED.
15. ACCESS TO ALL BUSINESS AND RESIDENCES IMPACTED BY THE CONSTRUCTION SHALL BE MAINTAINED AT ALL TIMES OFF ROUTE 8 OR AN ADJACENT SIDE STREET. TEMPORARY CLOSURE OF ACCESS MUST BE AGREED TO IN WRITING BY THE PROPERTY OWNER AND A COPY SUBMITTED TO THE ENGINEER.
16. ALL TRAFFIC CONTROL SIGNS AND ARROW BOARDS SHOWN ON THESE PLANS ARE FOR INFORMATION ONLY. THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH ALL APPLICABLE TRAFFIC CONTROL STANDARDS.

PRE-STAGE 1 NOTES

1. TEMPORARY PAVEMENT SHALL BE CONSTRUCTED AS SHOWN ON SUGGESTED MAINTENANCE OF TRAFFIC PLANS FOR STAGE 1 TRAFFIC. DITCH SHALL BE RELOCATED AT STA 202+75 TO 205+10 RT AS SHOWN IN THE SUGGESTED MAINTENANCE OF TRAFFIC PLANS.

STAGE 1 TRAFFIC

1. TRAFFIC SHALL BE PLACED ON EXISTING AND TEMPORARY PAVEMENT. ONE LANE OF TRAFFIC IN EACH DIRECTION AND A TWO-WAY LEFT-TURN LANE SHALL BE MAINTAINED AT ALL TIMES. FOR MORE DETAILS SEE SUGGESTED MAINTENANCE OF TRAFFIC PLANS.

STAGE 1 CONSTRUCTION

1. THE LEFT SIDE OF THE ROADWAY SHALL BE CONSTRUCTED TO THE EDGE OF PAVEMENT AS SHOWN IN THE SUGGESTED MAINTENANCE OF TRAFFIC PLANS. THE RETAINING WALL FROM STA 196+36.51 TO STA 197+93.46 LT SHALL BE CONSTRUCTED. TEMPORARY PAVEMENT AS INDICATED IN THE STAGE 2 PLANS SHALL BE CONSTRUCTED IN PREPARATION FOR STAGE II TRAFFIC. DRAINAGE STRUCTURES ON THE LEFT SIDE OF THE ROADWAY WILL BE CONSTRUCTED AND COVERED WTIH A STEEL PLATE.

STAGE 2 TRAFFIC

1. TRAFFIC SHALL BE PLACED ON NEW PAVEMENT. ONE LANE OF TRAFFIC IN EACH DIRECTION AND A TWO-WAY LEFT-TURN LANE SHALL BE MAINTAINED AT ALL TIMES. FOR MORE DETAILS SEE SUGGESTED MAINTENANCE OF TRAFFIC PLANS.

STAGE 2 CONSTRUCTION

1. THE RIGHT SIDE OF THE ROADWAY SHALL BE CONSTRUCTED, INCLUDING PAVEMENT, CURB AND GUTTER, SIDEWALK, DRIVEWAY PAVEMENT, DRAINAGE STRUCTURES, STORM SEWERS, LANDSCAPING, TEMPORARY PAVEMENT AND ALL OTHER WORKS AS SHOWN IN THE PLANS.

STAGE 3 TRAFFIC

1. TRAFFIC SHALL BE PLACED ON NEW PAVEMENT. ONE OR MORE LANES OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES. FOR MORE DETAILS SEE SUGGESTED MAINTENANCE OF TRAFFIC PLANS.

STAGE 3 CONSTRUCTION

1. CONSTRUCT PEDESTRIAN ISLANDS AND REMAINING CURB, GUTTER AND SIDEWALK. INSTALL FRAMES AND GRATES ON PREVIOUSLY INSTALLED DRAINAGE STRUCTURES.
2. REMOVE REMAINING TEMPORARY PAVEMENT.
3. AFTER ALL PAVEMENT, CURB AND GUTTER AND SIDEWALK CONSTRUCTION ARE COMPLETE, ALL LANDSCAPING AND OTHER MISCELLANEOUS WORKS AS INDICATED ON THE PLANS SHALL BE FINISHED.
4. CLEAN NEW PAVEMENT OF TEMPORARY PAVEMENT MARKINGS AND INSTALL PERMANENT PAVEMENT MARKINGS AS SHOWN ON THE PLANS.

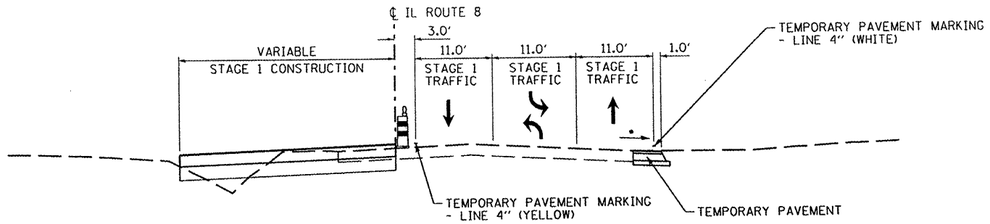
FILE NAME =	PLOT SCALE = $SCALE$	DESIGNED - RAW	REVISED -
	PLOT DATE = $DATE$	DRAWN - RAW	REVISED -
	PLOT TIME = $TIME$	CHECKED - RJA	REVISED -
$FILEL$		DATE -	REVISED -

MAURER ▲ STUTZ, INC. ENGINEERS SURVEYORS

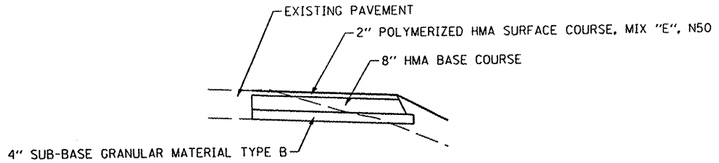
SUGGESTED MAINTENANCE OF TRAFFIC
ILLINOIS ROUTE 8 STAGE CONSTRUCTION NOTES

SHEET NO. 1 OF 9 SHEETS

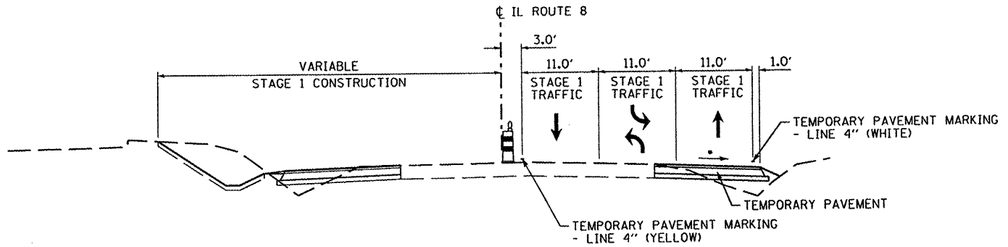
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	59
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



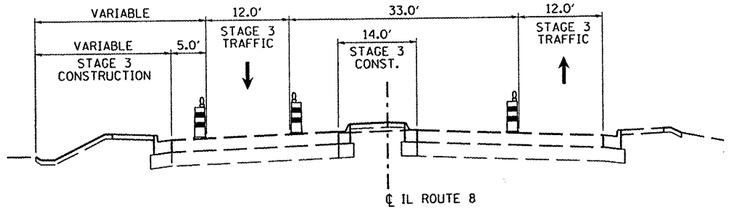
STAGE 1 • MATCH EXISTING SLOPE
IL ROUTE 8
STA 194+60 TO STA 201+45.36



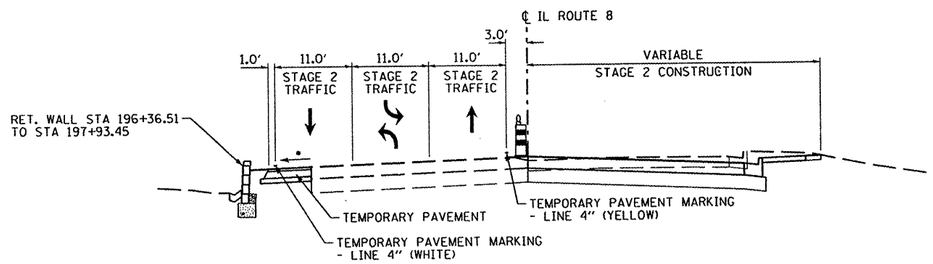
TEMPORARY PAVEMENT DETAIL



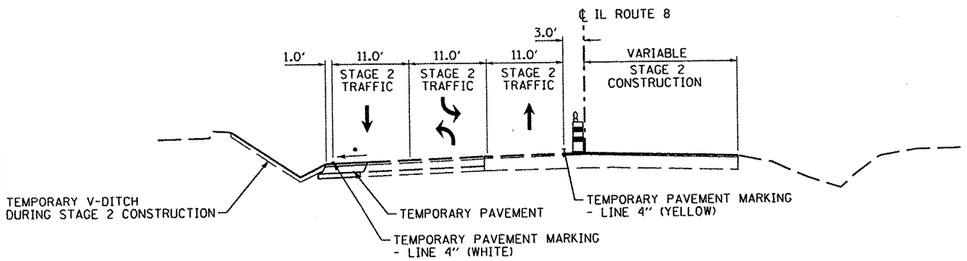
STAGE 1 • MATCH EXISTING SLOPE
IL ROUTE 8
STA 201+45.36 TO STA 204+21.85



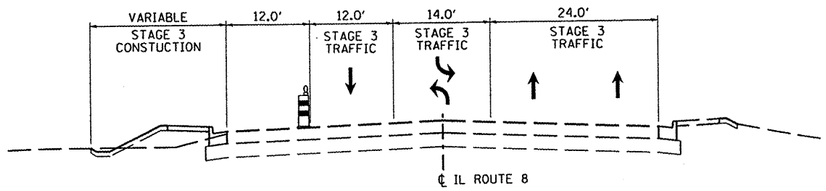
STAGE 3
IL ROUTE 8
STA 194+60 TO STA 196+18.00



• MATCH EXISTING SLOPE
STAGE 2
IL ROUTE 8
STA 194+60 TO STA 201+21.85



• MATCH EXISTING SLOPE
STAGE 2
IL ROUTE 8
STA 201+21.85 TO STA 204+09.72



STAGE 3
IL ROUTE 8
STA 196+18.00 TO STA 200+00

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	PLOT DATE = $DATE$	DRAWN -	REVISED -
	PLOT TIME = $TIME$	CHECKED -	REVISED -
		DATE -	REVISED -

MAURER ▲ STUTZ, INC. ENGINEERS SURVEYORS

SUGGESTED MAINTENANCE OF TRAFFIC
IL ROUTE 8 STAGING TYPICAL SECTIONS

SCALE: 1" = 20' | SHEET NO. 2 OF 9 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	60
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

0 20' 40'
1" = 20'

N

ROAD CONSTRUCTION AHEAD

±100'

BRIARGATE ST.

TEMPORARY PAVEMENT MARKING - LINE 4" (WHITE)

TEMPORARY PAVEMENT MARKING - LINE 24" (WHITE)

+64.00

5'

11'

TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)

TEMPORARY PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)

MATCH LINE STA 194+00.00

FAU 399 (IL ROUTE 8)

188 189 190+00 191 192 193

+05.00

+25.00

TEMPORARY PAVEMENT MARKING - LINE 4" (YELLOW)

+84.00

+34.00

12'

12'

TEMPORARY PAVEMENT MARKING - LINE 8" (WHITE)

TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)

BRIARGATE ST.

±100'

ROAD CONSTRUCTION AHEAD

CITY LIMITS

PEORIA

TEMPORARY PAVEMENT MARKING - LINE 4" (WHITE)

NOTE: ISLAND BUILT IN STAGE 3

TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)

TEMPORARY PAVEMENT MARKING - LINE 4" (WHITE)

RETAINING WALL

SIGN

RETAINING WALL

CANOPY

+60.00

MATCH LINE STA 194+00.00

194 195+00 196 197 198

+35.00

11'

11'

11'

11'

FAU 399 (IL ROUTE 8)

MATCH LINE STA 199+00.00

+40.00

TEMPORARY PAVEMENT

TEMPORARY PAVEMENT MARKING - LINE 4" (WHITE)

TEMPORARY PAVEMENT MARKING - LINE 4" (YELLOW)

TEMPORARY PAVEMENT

TEMPORARY PAVEMENT MARKING - LINE 4" (WHITE)

TEMPORARY PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)

ARGO ST.

±100'

ROAD CONSTRUCTION AHEAD

TEMPORARY PAVEMENT MARKING - LINE 4" (WHITE)

TEMPORARY PAVEMENT

LEGEND

- WORK AREA
- TEMPORARY PAVEMENT
- DRUM WITH STEADY BURNING LIGHT @ 50' o.c.
- OPEN TRAFFIC LANE
- SIGN
- TYPE III BARRICADE
- ARROW BOARD

0 20' 40'
1" = 20'

N

FILE NAME = $FILE$

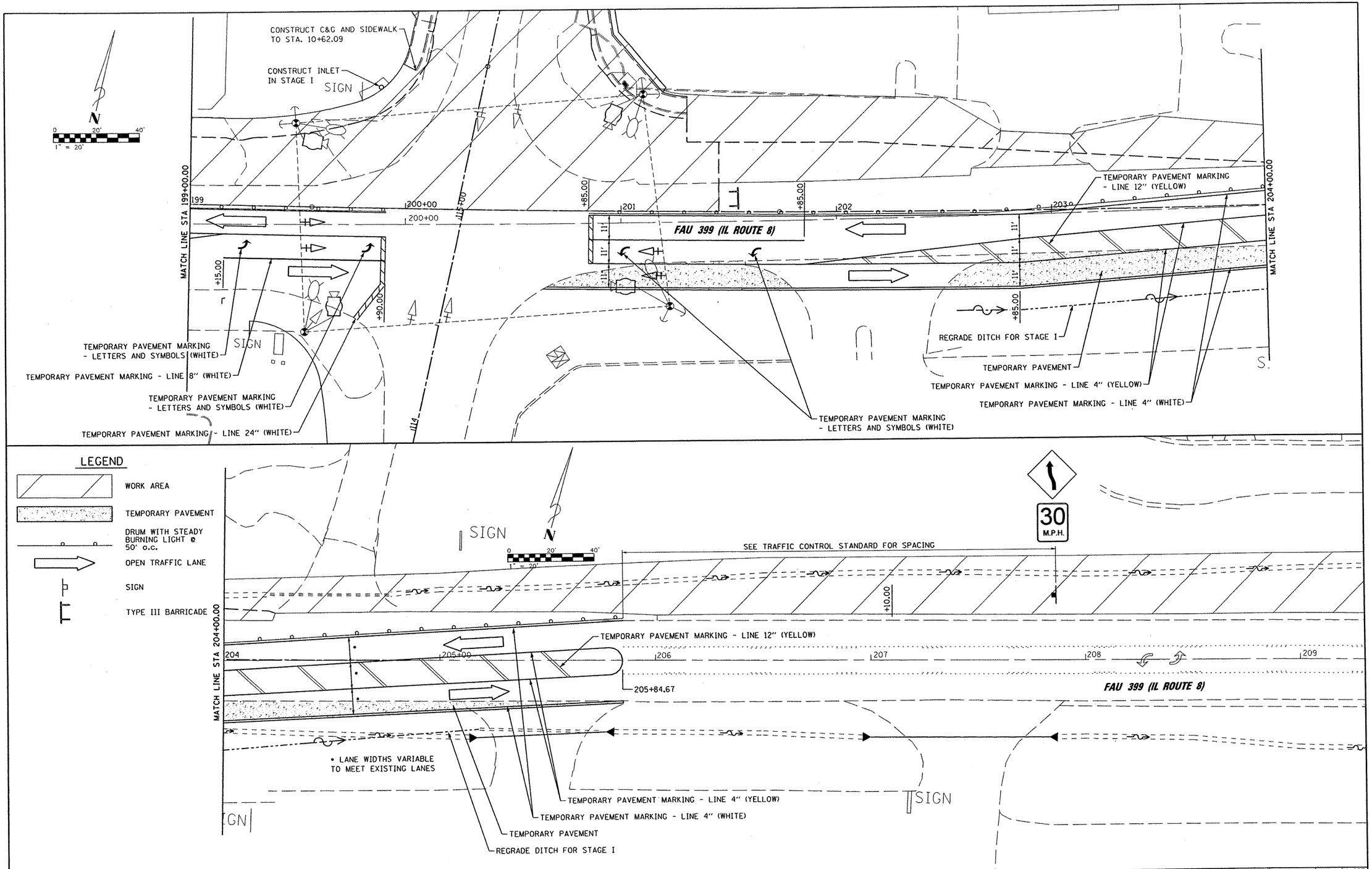
PLOT SCALE = $SCALE$	DESIGNED -	REVISED -
PLOT DATE = $DATE$	DRAWN -	REVISED -
PLOT TIME = $TIME$	CHECKED -	REVISED -
	DATE -	REVISED -

MAURER & STUTZ, INC.
ENGINEERS SURVEYORS

SUGGESTED MAINTENANCE OF TRAFFIC
IL ROUTE 8 STAGE 1

SCALE: 1" = 20' | SHEET NO. 3 OF 9 SHEETS | STA. 188+00.00 TO STA. 199+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	61
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



FILE NAME =	PLOT SCALE = $SCALE$	DESIGNED -	REVISED -
	PLOT DATE = $DATE$	DRAWN -	REVISED -
$FILE$	PLOT TIME = $TIME$	CHECKED -	REVISED -
		DATE -	REVISED -

MAURER ▲ STUTZ, INC.
ENGINEERS SURVEYORS

SUGGESTED MAINTENANCE OF TRAFFIC
IL ROUTE 8 STAGE 1

SCALE: 1" = 20' | SHEET NO. 4 OF 9 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	62
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

TEMPORARY PAVEMENT MARKING - LINE 4" (WHITE)

TEMPORARY PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)

CONSTRUCT C&G AND SIDEWALK TO STA 10+62.09 RT.

CONSTRUCT INLET IN STAGE I

CANOPY

SIGN

15" CMP

18" CMP

11.3'

11.3'

199

200+00

201

PAVED DITCH

TEMPORARY PAVEMENT MARKING - LINE 24" (WHITE)

SEE STAGE 1 PLANS FOR MAINLINE TEMPORARY STRIPING (TYP)

N

0 20' 40'

1" = 20'

SUB-STAGE 1a

LEGEND

- WORK AREA
- TEMPORARY PAVEMENT
- DRUM WITH STEADY BURNING LIGHT @ 50' o.c.
- OPEN TRAFFIC LANE
- SIGN
- TYPE III BARRICADE

TEMPORARY PAVEMENT MARKING - LINE 4" (YELLOW)

TEMPORARY PAVEMENT MARKING - LINE 4" (WHITE)

SUB-STAGE 1b

FILE NAME = $FILEL$	PLOT SCALE = $SCALE$	DESIGNED -	REVISED -
	PLOT DATE = $DATE$	DRAWN -	REVISED -
	PLOT TIME = $TIME$	CHECKED -	REVISED -
		DATE -	REVISED -

MAURER ▲ STUTZ, INC. ENGINEERS SURVEYORS

SUGGESTED MAINTENANCE OF TRAFFIC
IL ROUTE 8 SUB-STAGES 1a & 1b

SCALE: 1" = 20' | SHEET NO. 5 OF 9 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	63
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

OAKDALE RD.

0 20' 40'
1" = 20'

N

FAU 399 (IL ROUTE 8)

187 188 189 190+00 191 192

+70.00 +90.00 +65.00 +50.00 +34.00

12' 14'

MATCH LINE STA 192+50.00

TEMPORARY PAVEMENT MARKING - LINE 4" (WHITE)

SIGN

MEADOW LN.

TEMPORARY PAVEMENT MARKING - LINE 4" (WHITE)

TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)

TEMPORARY PAVEMENT MARKING - LINE 24" (WHITE)

TEMPORARY PAVEMENT MARKING - LINE 8" (WHITE)

TEMPORARY PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)

PEORIA

TEMPORARY PAVEMENT MARKING - LINE 8" (WHITE)

TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)

TEMPORARY PAVEMENT MARKING - LINE 4" (WHITE)

TEMPORARY PAVEMENT

TEMPORARY PAVEMENT MARKING - LINE 8" (WHITE)

TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)

ROAD CONSTRUCTION AHEAD

±100'

BRIARGATE ST.

+60.00 +80.00 +15.00 +20.00

+05.00

11' 11' 11' 11' 11'

MATCH LINE STA 192+50.00

193 194 195+00 196 197

MATCH LINE STA 197+50.00

TEMPORARY PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)

TEMPORARY PAVEMENT MARKING - LINE 24" (WHITE)

TEMPORARY PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)

BRIARGATE ST.

ARGO ST.

ROAD CONSTRUCTION AHEAD

0 20' 40'
1" = 20'

N

LEGEND

- WORK AREA
- TEMPORARY PAVEMENT
- DRUM WITH STEADY BURNING LIGHT @ 50' o.c.
- OPEN TRAFFIC LANE
- SIGN
- TYPE III BARRICADE
- ARROW BOARD

FILE NAME = $FILE$

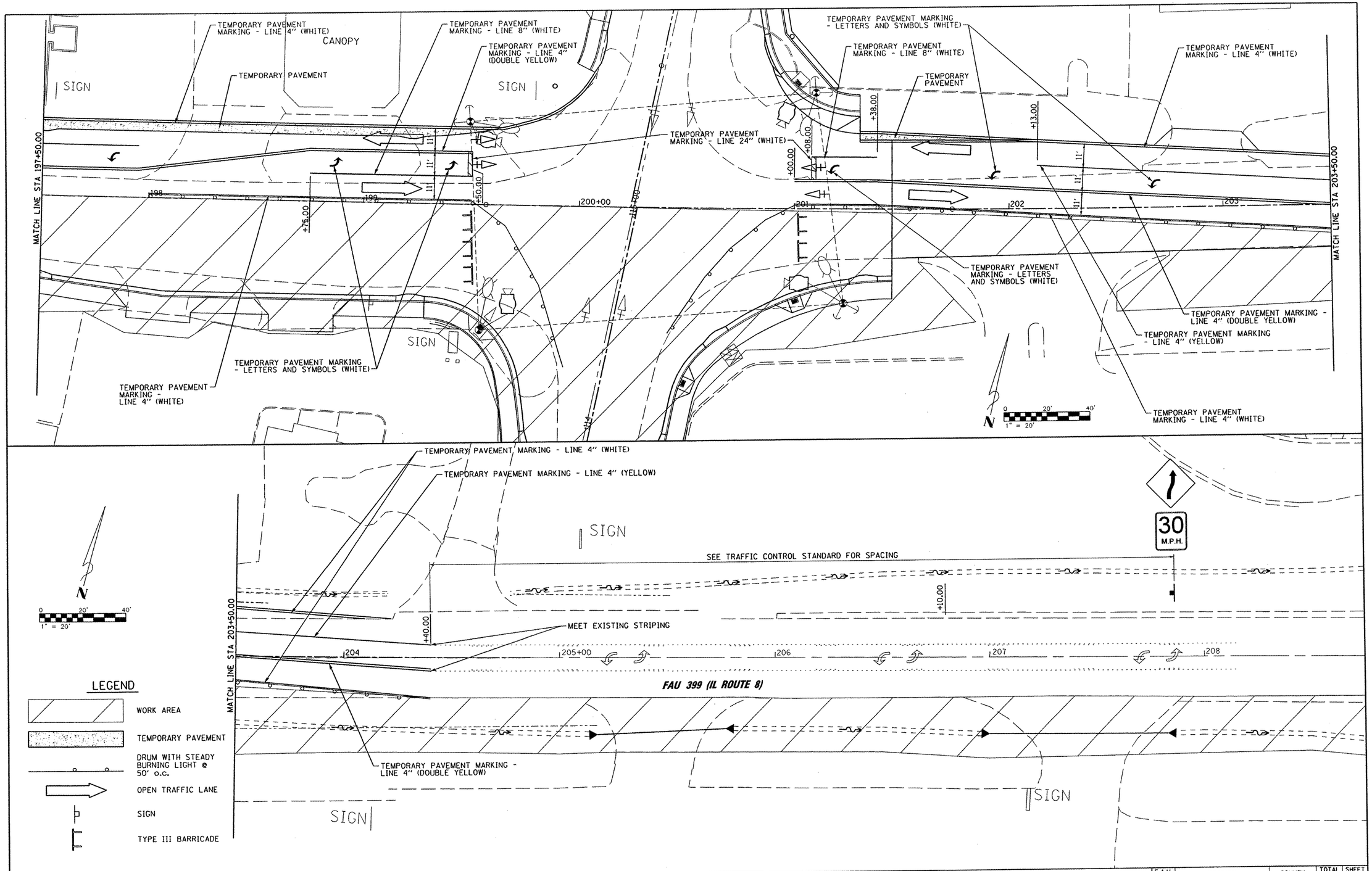
PLOT SCALE = $SCALE$	DESIGNED -	REVISED -
PLOT DATE = $DATE$	DRAWN -	REVISED -
PLOT TIME = $TIME$	CHECKED -	REVISED -
	DATE -	REVISED -

MAURER ▲ STUTZ, INC.
ENGINEERS SURVEYORS

SUGGESTED MAINTENANCE OF TRAFFIC
IL ROUTE 8 STAGE 2

SCALE: 1" = 20' | SHEET NO. 6 OF 9 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	64
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



FILE NAME = $FILE$	PLOT SCALE = $SCALE$	DESIGNED -	REVISED -
	PLOT DATE = $DATE$	DRAWN -	REVISED -
	PLOT TIME = $TIME$	CHECKED -	REVISED -
		DATE -	REVISED -

MAURER ▲ STUTZ, INC.
ENGINEERS SURVEYORS

SUGGESTED MAINTENANCE OF TRAFFIC
IL ROUTE 8 STAGE 2

SCALE: 1" = 20' | SHEET NO. 7 OF 9 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	65
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CANOPY

SEE MAINLINE STAGING PLANS FOR TEMPORARY STRIPING (TYP)

SIGN

199

200+00

201

115'-00

+50.00

SIGN

TEMPORARY PAVEMENT MARKING - LINE 24" (WHITE)

TEMPORARY PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)

SUB-STAGE 2a

LEGEND

- WORK AREA
- TEMPORARY PAVEMENT
- DRUM WITH STEADY BURNING LIGHT @ 50' o.c.
- OPEN TRAFFIC LANE
- SIGN
- TYPE III BARRICADE

CANOPY

SEE MAINLINE STAGING PLANS FOR TEMPORARY STRIPING (TYP)

SIGN

199

200+00

201

115'-00

+50.00

SIGN

SUB-STAGE 2b

TEMPORARY PAVEMENT MARKING - LINE 24" (WHITE)

TEMPORARY PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)

N

0 20' 40'

1" = 20'

199

200+00

201

SIGN

TEMPORARY PAVEMENT MARKING - LINE 4" (WHITE)

TEMPORARY PAVEMENT MARKING - LINE 4" (WHITE)

SUB-STAGE 2c

N

0

1" =

FILE NAME = $FILE1$

PLOT SCALE = $SCALE$	DESIGNED -	REVISED -
PLOT DATE = $DATE$	DRAWN -	REVISED -
PLOT TIME = $TIME$	CHECKED -	REVISED -
	DATE -	REVISED -

MAURER ▲ STUTZ, INC.
ENGINEERS SURVEYORS

SUGGESTED MAINTENANCE OF TRAFFIC
IL ROUTE 8 SUB-STAGES 2a, 2b & 2c

SCALE: 1" = 20' | SHEET NO. 8 OF 9 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	66
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

0 20' 40'
1" = 20'

N

ROAD CONSTRUCTION AHEAD

±100'

BRIARGATE ST.

EAST PEORIA

TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)

TEMPORARY PAVEMENT MARKING - LINE 4" (YELLOW)

TEMPORARY PAVEMENT MARKING - LINE 8" (WHITE)

TEMPORARY PAVEMENT MARKING - LINE 4" (WHITE)

+50.00

+75.00

12'

11'

8'

19'

12'

TEMPORARY PAVEMENT MARKING - LINE 24" (WHITE)

FAU 399 (IL ROUTE 8)

190+00

191

192

193

194

195+00

MATCH LINE STA 195+50.00

+25.00

TEMPORARY PAVEMENT MARKING - LINE 4" (YELLOW)

+25.00

+4.00

TEMPORARY PAVEMENT MARKING - LINE 8" (WHITE)

TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)

BRIARGATE ST.

±100'

ROAD CONSTRUCTION AHEAD

TEMPORARY PAVEMENT MARKING - LINE 4" (YELLOW)

LEGEND

- WORK AREA
- TEMPORARY PAVEMENT
- DRUM WITH STEADY BURNING LIGHT @ 50' o.c.
- OPEN TRAFFIC LANE
- SIGN
- TYPE III BARRICADE
- ARROW BOARD

TEMPORARY PAVEMENT MARKING - LINE 4" (YELLOW)

TEMPORARY PAVEMENT MARKING - LINE 4" (WHITE)

SIGN

7'

12'

12'

19'

12'

12.5'

MATCH LINE STA 195+50.00

197

198

199

200+00

0 20' 40'
1" = 20'

N

ARGO ST.

±100'

ROAD CONSTRUCTION AHEAD

SIGN

FINAL PROPOSED STRIPING SEE PAVEMENT MARKING PLAN SHEETS 2 AND 3 OF 10

FILE NAME = $FILE$

PLOT SCALE = $SCALE$	DESIGNED -	REVISED -	
PLOT DATE = $DATE$	DRAWN -	REVISED -	
PLOT TIME = $TIME$	CHECKED -	REVISED -	
	DATE -	REVISED -	

MAURER ▲ STUTZ, INC.
ENGINEERS SURVEYORS

SUGGESTED MAINTENANCE OF TRAFFIC
IL ROUTE 8 STAGE 3

SCALE: 1" = 20' | SHEET NO. 9 OF 9 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	67
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

N

EX. R.O.W.

Const. Limits

T.E.

+40.00

+01.00

C.E. +98.43

C.E. +37.71

193+00

194+00

195+00

196+00

197+00

198+00

+60.00

EX. R.O.W.

8+00

8+00

+31.00

9+00

+85.43

+14.00

C.E. +33.48

T.E.

C.E. +06.15

+20.52

MATCHLINE STA. 198+50
SEE ILLINOIS ROUTE 8 EROSION CONTROL PLANS
SHEET 2 OF 3

LEGEND:

PERIMETER EROSION BARRIER

INLET AND PIPE PROTECTION

TEMPORARY DITCH CHECK

DITCH FLOW

CONSTRUCTION LIMITS

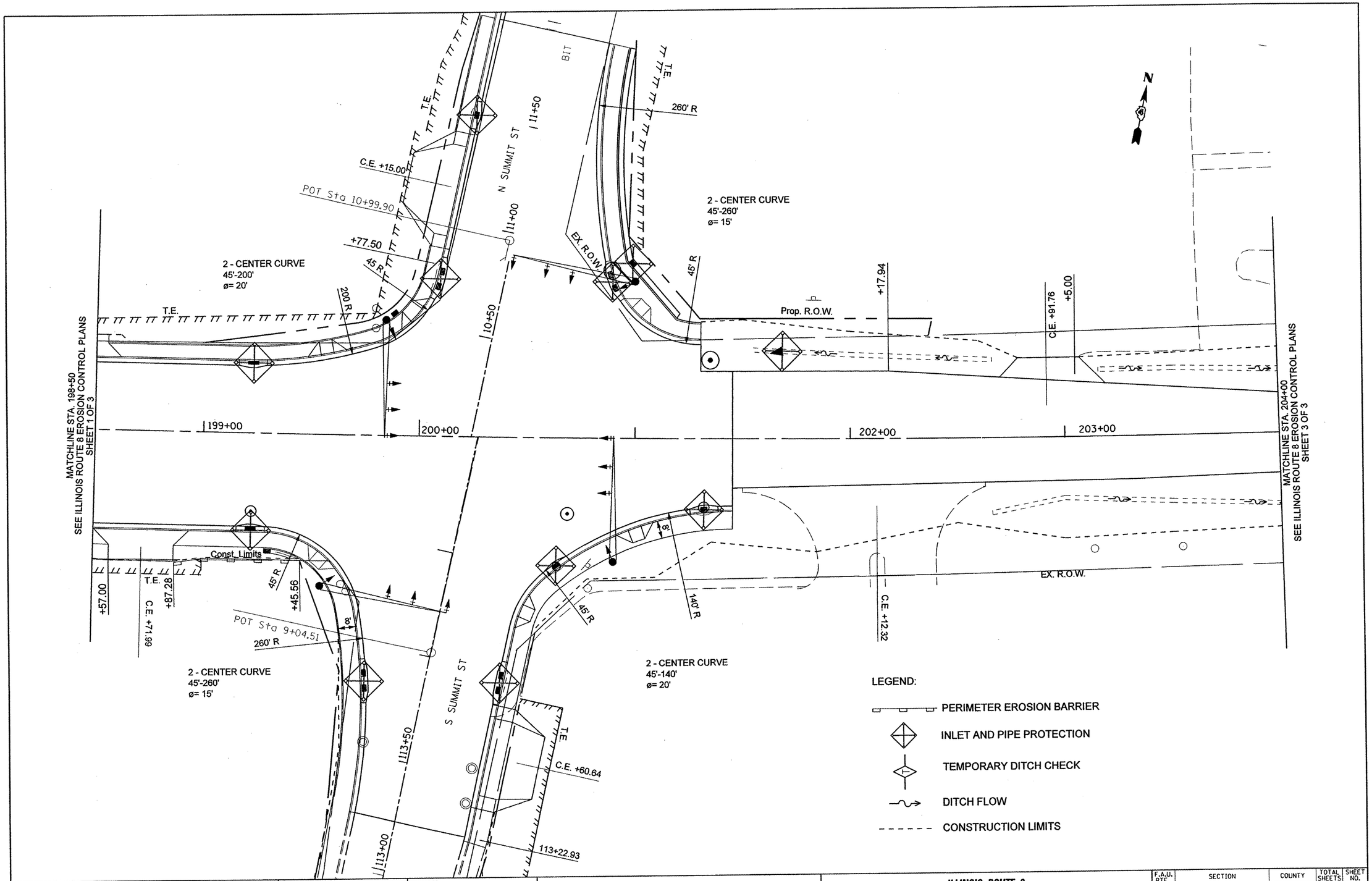
FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
	PLOT DATE = $DATE$	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 8
EROSION CONTROL PLANS

SCALE: 1" = 20' | SHEET NO. 1 OF 3 SHEETS | STA. 192+50.00 TO STA. 198+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	68
		CONTRACT NO. 89352		
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT		



LEGEND:

- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECK
- DITCH FLOW
- CONSTRUCTION LIMITS

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
	PLOT DATE = $DATE$	DATE -	REVISED -

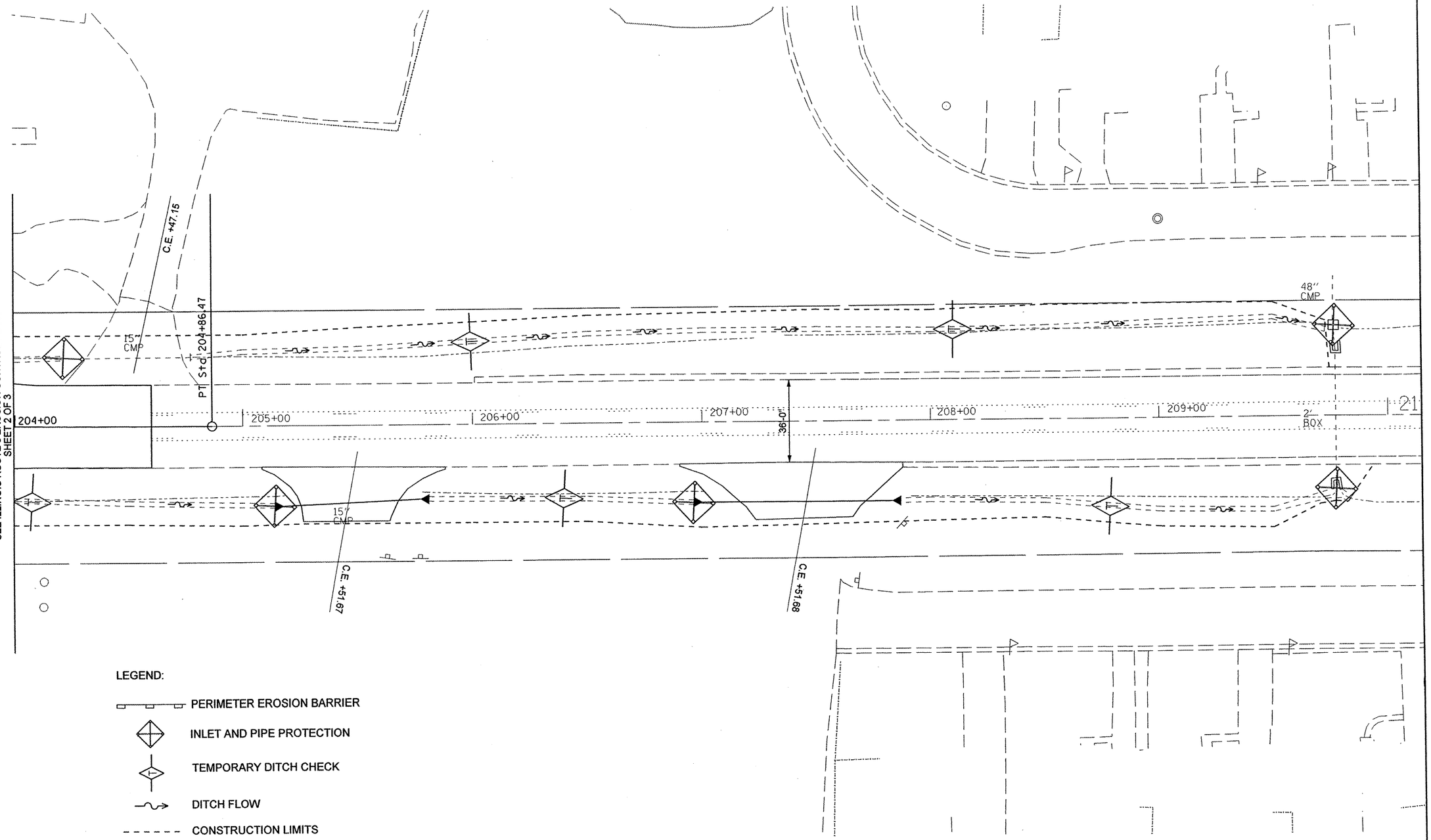
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 8
EROSION CONTROL PLANS

SCALE: 1" = 20' | SHEET NO. 2 OF 3 SHEETS | STA. 198+50.00 TO STA. 204+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	69
		CONTRACT NO. 89352		
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT		

MATCHLINE STA. 204+00
SEE ILLINOIS ROUTE 8 EROSION CONTROL PLANS SHEET 2 OF 3



LEGEND:

- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECK
- DITCH FLOW
- CONSTRUCTION LIMITS

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
	PLOT DATE = $DATE$	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 8
EROSION CONTROL PLANS

SCALE: 1" = 20' | SHEET NO. 3 OF 3 SHEETS | STA. 204+00.00 TO STA. 210+00.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	70
		CONTRACT NO. 89352		
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT		

SEC 19, T26N, R3W, 3rd PM

RALPH E. KRALL AND HERMINE V. KRALL

RALPH E. KRALL AND HERMINE V. KRALL

MORTON COMMUNITY BANK

PERIMETER EROSION CONTROL BARRIER

SANITARY MH
RIM = 714.93
INV = 700.50

RELOCATE EXISTING MAILBOX

POWER POLE TO BE RELOCATED BY OTHERS

GUY TO BE RELOCATED BY OTHERS

TEMPORARY DITCH CHECK

ADJUST EXIST. SAN MH
NEW RIM = 714.98

TEMP EASE

PERIMETER EROSION CONTROL BARRIER

TEMP EASE

INLET AND PIPE PROTECTION

SS PVC (SDR 26), 12"
@ 1.58%, 62.1'

B-1

EX ROW

PR ROW

A-1

SOUTH SUMMIT DRIVE

108 109 110+00 111 112 113

INLET AND PIPE PROTECTION

POWER POLE TO BE RELOCATED BY OTHERS

RELOCATE EXISTING SIGNS

SS PVC (SDR 26), 12"
@ 1.0%, 43.5'

INLET AND PIPE PROTECTION

INLET AND PIPE PROTECTION

B-2

A-2

EX ROW

PR ROW

RELOCATE EXISTING SIGNS

TEMP EASE

TEMP EASE

TEMP EASE

BEGIN IMPROVEMENTS
STA 107+95.44

PERIMETER EROSION CONTROL BARRIER

POWER POLE TO BE RELOCATED BY OTHERS

PERIMETER EROSION CONTROL BARRIER

POWER POLE TO BE RELOCATED BY OTHERS

PERIMETER EROSION CONTROL BARRIER

SS CL A TY 2 15" @ 1.00%, 161.6'

EXISTING LIGHT TO BE RELOCATED BY OTHERS

EXISTING SIGN TO BE RELOCATED BY OTHERS

ACS PROPERTIES, LTD.

GERALD L. KNICKERBOCKER

TRI-STAR MARKETING

MATCH LINE STA 114+00.00
SEE ILLINOIS ROUTE 8 DRAINAGE PLANS - RT SIDE
SHEET 2 OF 3

N

0 20' 40'
1" = 20'

SEC 20, T26N, R3W, 3rd PM

FILE NAME =	PLOT SCALE = $SCALE$	DESIGNED -	REVISED -
	PLOT DATE = $DATE$	DRAWN -	REVISED -
	PLOT TIME = $TIME$	CHECKED -	REVISED -
$FILEL$		DATE -	REVISED -

MAURER ▲ STUTZ, INC.
ENGINEERS SURVEYORS

SUMMIT DRIVE
DRAINAGE, UTILITIES, AND EROSION CONTROL PLAN

SCALE: 1" = 20' | SHEET NO. 1 OF 2 SHEETS | START OF PROJECT TO STA. 114+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	71
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SEC 19, T26N, R3W, 3rd PM

RAYMOND W. PETERS AND MILDREN W. PETERS

SUNNYLAND CHURCH OF THE NAZARENE

PROP. CURVE SMTCV1
PI STA. = 11+72.39
Δ = 0° 13′ 55″ (RT)
D = 0° 06′ 53″
R = 50,000.00′
T = 101.19′
L = 202.39′
E = 0.10′
e = N.C.
P.C. STA. = 10+71.19
P.T. STA. = 12+73.58

PROP. CURVE SMTCV2
PI STA. = 15+92.33
Δ = 0° 11′ 38″ (RT)
D = 0° 05′ 44″
R = 60,000.00′
T = 101.59′
L = 203.17′
E = 0.09′
e = N.C.
P.C. STA. = 14+90.75
P.T. STA. = 16+93.92

SS PVC (SDR 26), 12″ @ 1.09%, 71.6′

INLET AND PIPE PROTECTION

MANHOLES TO BE ADJUSTED
ADJUST EXIST. SAN MH
NEW RIM = 717.43

SANITARY MH
RIM = 716.91
INV = 704.82

PR ROW

EXISTING SIGN

TEMP EASE

CONCRETE HEADWALL FOR PIPE DRAIN

PIPE UNDERDRAIN 8″, 14.0′

MANHOLES TO BE ADJUSTED
ADJUST EXIST. SAN MH
NEW RIM = 714.33

INLET AND PIPE PROTECTION

PERIMETER EROSION CONTROL BARRIER

EX ROW

NORTH SUMMIT DRIVE

SS PVC (SDR 26), 12″ @ 1.00%, 28.1′

B-8 B-9 B-10 B-11

11 12 13 14 15+00 16 17

INLET AND PIPE PROTECTION

PR ROW

ELECTRIC MH
RIM = 717.44
INV = 707.37

MANHOLES TO BE ADJUSTED
ADJUST EXIST. ELEC MH
NEW RIM = 716.77

SS CL A TY 3 72″ @ 0.33%, 379.6′

TEMP EASE

INLET AND PIPE PROTECTION

PIPE UNDERDRAIN 8″, 14.0′

CONCRETE HEADWALL FOR PIPE DRAIN

SANITARY MH
RIM = 714.01
INV = 706.02

EX ROW

TEMP EASE

SS CL A TY 3 72″ @ 0.34%, 121.8′

SS CL A TY 3 72″ @ 0.33%, 419.5′

PERIMETER EROSION CONTROL BARRIER

SEE ILLINOIS "ROUTE 8" DRAINAGE PLANS - LT SIDE SHEET 2 OF 3 MATCH LINE STA 11+00.00

ELIZABETH C. DIXON

MARILYN DIANE (DEBOLT) JONES AND MARY KATHERINE CARLS

N

0 20′ 40′
1″ = 20′

SEC 20, T26N, R3W, 3rd PM

FILE NAME = $FILE$	PLOT SCALE = $SCALE$	DESIGNED - RAW
	PLOT DATE = $DATE$	DRAWN - RAW
	PLOT TIME = $TIME$	CHECKED - RJA
		DATE -

REVISED -
REVISED -
REVISED -
REVISED -

MAURER ▲ STUTZ, INC.
ENGINEERS SURVEYORS

SUMMIT DRIVE
DRAINAGE, UTILITIES, AND EROSION CONTROL PLAN

SCALE: 1″ = 20′ | SHEET NO. 2 OF 2 SHEETS | STA. 11+00.00 TO STA. 17+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	72
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SS CL A TY 1 15" @ 6.0 %, 8.75 FT

SS, (WM REQ) TY 1, 18" @ 1.0%, 141.50 FT

SS CL A TY 1 15" @ 0.5%, 98.00 FT

SS CL A TY 1 12" @ 1.0%, 7.75 FT

SS CL A TY 2 18" @ 0.3%, 168.00 FT

I-1 I-2 I-2a I-3 I-4 I-5 I-6 I-7 I-8 I-9 I-9a I-11

ADJ

R

PT STA

193+00 194+00 194+00 195+00 195+00 196+00 197+00 198+00

30" RCCP

SS, (WM REQ) TY 2, 30" @ 0.5%, 79.00 FT

SS, (WM REQ) TY 1, 15" @ 1.0%, 8.75 FT

Sta. 193+04.58 (IL 8)
Sta. 10+00 (Briargate St.)

Sta. 196+69.55 (IL 8)
Sta. 10+00 (Argo St.)

SS, (WM REQ) TY 2, 15" @ 0.5%, 71.5 FT

SS, (WM REQ) TY 2, 18" @ 0.51%, 169.1 FT

15" RCCP

15" CMP

15" CMP

15" CMP

BRIARGATE

ARGO ST

8+00

9+00

SS, (WM REQ) TY 2, 15" @ 0.5%, 30.25 FT

SS, (WM REQ) TY 1, 15" @ 0.5%, 73.83 FT

LEGEND:

R - STRUCTURE TO BE REMOVED

ADJ - STRUCTURE TO BE ADJUSTED

- MANHOLE STRUCTURE

- INLET TY G-1

NOTES:

1. For Side Streets and Lateral Sewers, see drainage structure schedule.
2. Contractor shall install sewer pipe in accordance with sewer - watermain separation requirements specified in "Standard Specifications for water & sewer main construction".
3. See Staging Plans for more Drainage Details.

MATCHLINE STA. 198+50.00
SEE ILLINOIS ROUTE 8 DRAINAGE PLANS LT SIDE
SHEET 2 OF 3

PLAN
SURVEYED
PLOTTED
DRAWN
CHECKED
R.P. OF WAY CHECKED
NOTE BOOK
NO.
CADD FILE NAME
BY
DATE

PROFILE
SURVEYED
PLOTTED
DRAWN
CHECKED
R.P. OF WAY CHECKED
NOTE BOOK
NO.
STRUCTURE NOTATING CHKD
BY
DATE

722 720 718 716 714 712 710 708 706

I-1 Project Begins Sta. 194+60

Sta. 194+49.21 Inlet Type G-1 RIM Elev.= 714.15

Sta. 194+51.69 Exist. M.H. RIm Elev.=714.48

I-3

Sta. 195+98.09 Int. M.H. TY G-1, 8' Dia. RIM. Elev.= 713.59

I-8

Sta. 196+50.00 Inlet TY G-1 RIM. Elev.= 713.54

I-9

Sta. 197+50.90 Inlet TY G-1 RIM. Elev.= 713.74

I-9a

Sta. 197+50.90 Inlet TY A TBG RIM. Elev.= 712.32

I-2

SS CL A TY 1 15", 8.75 ft
Inv. = 710.05

-2.4 %

-0.8 %

13 %

Exist. S.S. TY 2 18"

SS, (WM REQ) TY 1, 18" @ 1.0 %, 141.50 ft

Lt. Ditch

Inv. = 710.48

Inv. = 709.07

Inv. = 708.92

FL = 710.95

Inv. = 710.54

SS CL A TY 1 15" @ 0.5 %, 98.00 ft

Inv. = 710.05

Inv. = 710.17

Inv. = 709.90

SS CL A TY 2 18" @ 0.3 %, 168.00 ft

SS, (WM REQ) TY 2, 30" @ 0.5 %, 79.00 ft

714.60 715.60 | 715.40 | 715.19 | 714.98 | 714.50 714.77 | 714.46 714.56 | 714.27 714.35 | 714.12 714.20 | 714.01 714.16 | 714.21 714.21 | 714.36 714.36 | 714.54 714.60 | 714.78 714.89

192+50 193+00 193+50 194+00 194+50 195+00 195+50 196+00 196+50 197+00 197+50 198+00 198+50

FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - ENE	REVISED -
		DRAWN - LEC	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - ENE	REVISED -
	PLOT DATE = $DATE$	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 8
DRAINAGE PLANS LT SIDE

SCALE: 1" = 20'-0" | SHEET NO. 1 OF 3 SHEETS | STA. 192+50.00 TO STA. 198+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	73
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

MATCH LINE STA 11+00.00, SEE SUMMIT DR. DRAINAGE, UTILITIES, AND EROSION CONTROL PLAN - SHEET 2 OF 2

SS, (WM REQ) TY 1, 12" @ 1.09%, 71.6 FT

CANOPY

SS, (WM REQ) TY 1, 12" @ 1.00%, 21.0 FT

B-6

B-6a

SS CL A TY 2 18" @ 0.3%, 168.00 FT

SS, (WM REQ) TY 2, 12" @ 0.43%, 74.6'

SS CL A TY 3, 72" @ 0.34%, 121.8'

B-7

B-7a

SS CL A TY 1, 12" @ 2.0%, 6.4'

SS CL A TY 3, 72" @ 0.30%, 56.2'

B-5

FES-1

SS CL A TY 1, 12" @ 2.25%, 24.0'

SS CL A TY 2, 24" @ 3.68%, 61.7'

MATCHLINE STA. 198+50.00
SEE ILLINOIS ROUTE 8 DRAINAGE PLANS LT SIDE
SHEET 1 OF 3

MATCHLINE STA. 204+50.00
SEE ILLINOIS ROUTE 8 DRAINAGE PLANS LT SIDE
SHEET 3 OF 3

I-10

15" CMP

199+00

200+00

201+00

202+00

203+00

204+00

SS, (WM REQ) TY 2, 18" @ 0.5%, 64.2 FT

SS, (WM REQ) TY 2, 18" @ 0.51%, 169.1 FT

SS, CL A, TY 1, 12" @ 1.89%, 5.3 FT

I-10a

SS, (WM REQ) TY 2, 24" @ 0.58%, 141.75 FT

I-13

B-4

PAVED DITCH

SS, (WM REQ) TY 2, 24" @ 1.0%, 58.7'

SS, (WM REQ) TY 2, 18" @ 0.5%, 20.2'

I-12

I-12a

SS, (WM REQ) TY 1, 12" @ 1.00%, 8.4 FT

B-3

SS CL A TY 2, 15" @ 0.58%, 54.4'

LEGEND:

R - STRUCTURE TO BE REMOVED

ADJ - STRUCTURE TO BE ADJUSTED

- MANHOLE STRUCTURE

- INLET TY G-1

NOTES:

1. For Side Streets and Lateral Sewers, see drainage structure schedule.
2. Contractor shall install sewer pipe in accordance with sewer - watermain separation requirements specified in "Standard Specifications for water & sewer main construction".
3. See Staging Plans for more Drainage Details.

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
DRAWING
PLOTTED
GRADES CHECKED
ALIGNMENT
STRUCTURE NO/ATMS CHKD
NOTE BOOK
NO.
BY
DATE

MATCH LINE STA 114+00.00
SEE SUMMIT DR. DRAINAGE, UTILITIES, AND EROSION CONTROL PLAN
SHEET 1 OF 2

722
720
718
716
714
712
710
708
706

I-10

Sta. 199+22.42
Inlet M.H. TY G-1, 4' Dia.
RIM. Elev.= 714.66

B-6a

Sta. 10+51.78 (Summit Dr.)
Sta. 199+87.99 (IL Rt. 8)
Inlet TY A, TY 4 P&G
RIM. Elev. = 715.65

B-6

Sta. 10+71.88 (Summit Dr.)
Sta. 200+08.86 (IL Rt. 8)
Inlet TY G-1, Double
RIM. Elev.: 714.64

B-7

Sta. 10+87.15 (Summit Dr.)
Sta. 200+89.17 (IL Rt. 8)
Int. M.H. TY G-1, 8' Dia., Double
RIM. Elev. = 714.32

B-7a

Sta. 10+07.76 (Summit Dr.)
Sta. 200+98.56 (IL Rt. 8)
Int. TY A, TY 4 P&G
RIM. Elev. = 716.47

B-5

Sta. 201+35.00
M.H. TY A, 8' Dia. T1F CL
RIM. Elev. = 715.79

FES-1

715.52

-0.54%

Inv. = 714.37

2.37 %

+0.50%

715.97

715.59

-0.06%

+00.00
EL. 715.92

+50.00
EL. 715.65

+00.00
EL. 715.25

Concrete Pavement | Bituminous Pavement

30'-0" Butt Joint

Inv. = 713.45

SS, (WM REQ) TY 1, 12" @ 1.09%, 71.6 FT

SS, (WM REQ) TY 1, 12" @ 1.0%, 21.00 FT

Inv. = 713.24

Inv. = 712.20

Inv. = 711.29

SS CL A TY 1, 12" @ 2.00%, 6.4 FT

SS CL A TY 1, 12" @ 2.25%, 24.0 FT

Inv. = 713.83

SS, (WM REQ) TY 2, 18" @ 0.5%, 64.2 FT

SS CL A TY 2, 24" @ 3.68%, 61.7 FT

SS CL A TY 2 18" @ 0.3 %, 168.00 ft

Inv. = 712.07

Inv. = 709.40

Inv. = 709.28

Inv. = 704.17

SS, (WM REQ) TY 2, 12" @ 0.43%, 74.6 FT

Inv. = 708.00

SS CL A TY 3, 72" @ 0.30%, 56.2 FT

Inv. = 707.68

SS CL A TY 3, 72" @ 0.34%, 121.8 FT

Inv. = 698.74

Inv. = 698.76

Inv. = 698.93

714.78 714.89 | 714.96 715.17 | 715.22 715.46 | 715.61 715.74 | 715.90 716.03 | 716.20 716.31 | 716.56 716.65 | 716.77 716.82 | 717.12 717.19 | 717.38 717.45 | 717.76 717.80 | 718.06 718.08 | 718.40 718.42

198+50 | 199+00 | 199+50 | 200+00 | 200+50 | 201+00 | 201+50 | 202+00 | 202+50 | 203+00 | 203+50 | 204+00 | 204+50

PROFILE
DRAWING
PLOTTED
GRADES CHECKED
ALIGNMENT
STRUCTURE NO/ATMS CHKD
NOTE BOOK
NO.
BY
DATE

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - ENE	REVISED -
		DRAWN - LEC	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - ENE	REVISED -
	PLOT DATE = $DATE$	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 8
DRAINAGE PLANS LT SIDE

SCALE: 1" = 20'-0" | SHEET NO. 2 OF 3 SHEETS | STA. 198+50.00 TO STA. 204+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	74
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

MATCHLINE STA. 204+50.00
SEE ILLINOIS ROUTE 8 DRAINAGE PLANS LT SIDE
SHEET 2 OF 3

PT Sta 204+86.47

SIGN

48" CMP

2' Box

205+00 | 206+00 | 207+00 | 208+00 | 209+00 | 210+00

I-14 — P. Cul. Cl. D 1, 15", 59.50 ft — I-15

I-16 — P. Cul. Cl. D 1, 15", 83.25 ft — I-17

15" CMP

SIGN

(TEL)

LEGEND:

R - STRUCTURE TO BE REMOVED

ADJ - STRUCTURE TO BE ADJUSTED

- MANHOLE STRUCTURE

- INLET TY G-1

NOTES:

1. For Side Streets and Lateral Sewers, see drainage structure schedule.
2. Contractor shall install sewer pipe in accordance with sewer - watermain separation requirements specified in "Standard Specifications for water & sewer main construction".
3. See Staging Plans for more Drainage Details.

PLAN: SURVEYED, PLOTTED, SAMPLED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., DATE, BY

PROFILE: SURVEYED, PLOTTED, SAMPLED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., DATE, BY

722 720 718 716 714 712 710 708 706

726 724 722 720 718 716 714 712 710

Project End Sta 204+80

-0.30% +00.00 EL. 715.50 -0.30% +50.00 EL. 715.35 -0.30% +00.00 EL. 715.20 -0.30% +50.00 EL. 715.05 -0.30% +00.00 EL. 714.90 -0.30% +50.00 EL. 714.75 -0.30% +00.00 EL. 714.60 -0.30% +50.00 EL. 714.45 -0.30% +00.00 EL. 714.30 -0.30% +50.00 EL. 714.15 -0.29% EL. 714.07

2' x 2' Box Culvert

718.40 718.42 718.46 718.45 718.48 718.51 718.52 718.53 718.53 718.53 718.49 718.43 718.54 718.65

204+50 205+00 205+50 206+00 206+50 207+00 207+50 208+00 208+50 209+00 209+50 210+00 210+50

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - ENE	REVISED -
		DRAWN - LEC	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - ENE	REVISED -
	PLOT DATE = $DATE$	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 8
DRAINAGE PLANS LT SIDE

SCALE: 1" = 20'-0" | SHEET NO. 3 OF 3 SHEETS | STA. 204+50.00 TO STA. 210+50.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	75
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SS CL A TY 1 15" @ 6.0%, 8.75 FT

SS, (WM REQ) TY 1, 18" @ 1.0%, 141.50 FT

SS CL A TY 1 15" @ 0.5%, 98.00 FT

SS CL A TY 1 12" @ 1.0%, 7.75 FT

I-1 I-2 I-2a I-3 I-4 I-5 I-6 I-7 I-8 I-9 I-9a I-11

ADJ

R

15" CMP

30" RCCP

15" RCCP

193+00 194+00 195+00 196+00 197+00 198+00

SS, (WM REQ) TY 2, 30" @ 0.5%, 79.00 FT

SS, (WM REQ) TY 1, 15" @ 1.0%, 8.75 FT

Sta. 196+69.55 (IL 8)

Sta. 10+00 (Argo St.)

SS, (WM REQ) TY 2, 15" @ 0.5%, 71.5 FT

SS, (WM REQ) TY 2, 18" @ 0.51%, 169.1 FT

MATCHLINE STA. 198+50.00
SEE ILLINOIS ROUTE 8 - DRAINAGE PLANS RT SIDE
SHEET 2 OF 3

BRIARGATE ST.

ARGO ST.

SS, (WM REQ) TY 2, 15" @ 0.5%, 30.25 FT

SS, (WM REQ) TY 1, 15" @ 0.5%, 73.83 FT

LEGEND:

R - STRUCTURE TO BE REMOVED

ADJ - STRUCTURE TO BE ADJUSTED

- MANHOLE STRUCTURE

- INLET TY G-1

NOTES:

1. For Side Streets and Lateral Sewers, see drainage structure schedule.
2. Contractor shall install sewer pipe in accordance with sewer - watermain separation requirements specified in "Standard Specifications for water & sewer main construction".
3. See Staging Plans for more Drainage Details.

PLAN
SURVEYED
PLOTTED
LAYOUT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
RT. OF WAY
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE

722 720 718 716 714 712 710 708 706

Sta.195+62.13 M.H. TY A 8' Dia. T1F CL Rim. Elev. = 714.24 Inv. = 708.23

Sta.195+99.27 M.H. TY A 8' Dia. T1F CL Rim. Elev. = 714.10 Inv. = 709.50

Sta.195+99.27 Inlet Type G-1 Rim. Elev. = 713.89 Inv. = 710.65

Sta.196+75.28 Inlet Type G-1 Rim. Elev. = 712.97 Inv. = 708.57

Sta.197+49.09 Int. M.H. TY G-1, 5' Dia. Rim. Elev. = 713.63 Inv. = 708.87

SS, (WM REQ) TY 2, 15" @ 0.5%, 30.25 ft

SS, (WM REQ) TY 2, 30" @ 0.5%, 79.00 ft

SS, (WM REQ) TY 1, 15" @ 0.5%, 73.83 ft

SS, (WM REQ) TY 2, 15" @ 0.5%, 71.50 ft

SS, (WM REQ) TY 2, 18" @ 0.51%, 169.10 ft

Inv.=710.56

Inv.=708.52

Inv.=709.35

Inv.=710.00

Inv. = 709.63

Inv. = 709.21

Exist. S.S. TY 2 30"

714.60 715.60 | 714.95 715.40 | 714.86 715.19 | 714.66 714.98 | 714.50 714.77 | 714.46 714.56 | 714.27 714.35 | 714.12 714.20 | 714.01 714.16 | 714.21 714.21 | 714.36 714.36 | 714.54 714.60 | 714.78 714.89

192+50 193+00 193+50 194+00 194+50 195+00 195+50 196+00 196+50 197+00 197+50 198+00 198+50

FILE NAME = #FILE$	USER NAME = #USER$	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
	PLOT DATE = $DATE$	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 8
DRAINAGE PLANS RT SIDE

SCALE: 1" = 20'-0" | SHEET NO. 1 OF 3 SHEETS | STA. 192+50.00 TO STA. 198+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	76
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

MATCH LINE STA 11+00.00, SEE SUMMIT DR. DRAINAGE, UTILITIES, AND EROSION CONTROL PLAN - SHEET 2 OF 2

MATCHLINE STA. 198+50.00
SEE ILLINOIS ROUTE 8 - DRAINAGE PLANS RT SIDE
SHEET 1 OF 3

MATCHLINE STA. 204+50.00
SEE ILLINOIS ROUTE 8 - DRAINAGE PLANS RT SIDE
SHEET 3 OF 3

SS, (WM REQ) TY 1, 12" @ 1.09%, 71.6 FT
CANOPY
SS, (WM REQ) TY 1, 12" @ 1.00%, 21.0 FT
SS CL A TY 2 18" @ 0.3%, 168.00 FT
SS, (WM REQ) TY 2, 18" @ 0.5%, 64.2 FT
SS, (WM REQ) TY 2, 18" @ 0.51%, 169.1 FT
SS, CL A, TY 1, 12" @ 1.89%, 5.3 FT
SS, (WM REQ) TY 2, 24" @ 0.58%, 141.75 FT
SS, (WM REQ) TY 1, 12" @ 1.00%, 8.4 FT
SS, (WM REQ) TY 2, 12" @ 0.43%, 74.6'
SS CL A TY 3, 72" @ 0.34%, 121.8'
SS CL A TY 1, 12" @ 2.0%, 6.4'
SS CL A TY 3, 72" @ 0.30%, 56.2'
SS CL A TY 1, 12" @ 2.25%, 24.0'
SS CL A TY 2, 24" @ 3.68%, 61.7'
SS, (WM REQ) TY 2, 24" @ 1.0%, 58.7'
SS, (WM REQ) TY 2, 18" @ 0.5%, 20.2'
SS CL A TY 2, 15" @ 0.58%, 54.4'

B-6, B-6a, B-7, B-7a, B-5, FES-1, I-10, I-10a, I-12, I-12a, I-13, B-4, B-3

199+00, 200+00, 201+00, 202+00, 203+00, 204+00, 10+50, 114+50

15" CMP, PAVED DITCH

LEGEND:
- R - STRUCTURE TO BE REMOVED
- ADJ - STRUCTURE TO BE ADJUSTED
- MANHOLE STRUCTURE
- INLET TY G-1

NOTES:
1. For Side Streets and Lateral Sewers, see drainage structure schedule.
2. Contractor shall install sewer pipe in accordance with sewer - watermain separation requirements specified in "Standard Specifications for water & sewer main construction".
3. See Staging Plans for more Drainage Details.

MATCH LINE STA 114+00.00
SEE SUMMIT DR. DRAINAGE, UTILITIES, AND EROSION CONTROL PLAN
SHEET 1 OF 2

THESE STRUCTURES ARE ON SOUTH SUMMIT

Concrete Pavement | Bituminous Pavement

Sta.199+22.42, 43.0' RT, Inl. TY G-1, RIM. Elev. = 714.44
Sta.199+22.42, 36.0' RT, M.H. TY A, 5' Dia., T1F, CL, RIM. Elev. = 714.58
Sta.199+30.30, Inlet TY A, TY 4 F&G, RIM. Elev. = 714.88
Sta.199+75.87, Inl. TY G-1, Double, RIM. Elev. = 714.13
Sta.200+38.31, Inl. TY G-1, Double, RIM. Elev. = 714.05
Sta.200+83.21, Inl. M.H. TY G-1, 4' Dia., RIM. Elev. = 714.45
Sta.200+88.72, M.H. TY A, 6' Dia., T1F CL, RIM. Elev. = 715.43
Sta.201+32.00, Inlet M.H. TY G-1, 5' Dia., RIM. Elev. = 715.87

SS, (WM REQ) TY 1, 12" @ 1.00%, 8.4 ft, Inv.=712.60
SS, CL A, TY 1, 12" @ 1.89%, 5.3 ft
U.S. Inv.=711.44
D.S. Inv.=711.34
SS, (WM REQ) TY 2, 18" @ 0.5%, 64.20 ft, Inv.=708.96
SS, (WM REQ) TY 2, 18" @ 0.51%, 169.10 ft
Inv.=708.01
Inv.=707.98
Inv.=712.68
SS CL A TY 2, 15" @ 0.58%, 54.4 ft
SS, (WM REQ) TY 1, 12" @ 1.58%, 62.1 ft
Inv.=710.95
Inv.=709.97
Inv.=709.72
Inv.=709.40
Inv.=709.11
Inv.=707.16
Inv.=707.06
SS, (WM REQ) TY 2, 24" @ 0.58%, 141.75 ft
SS, (WM REQ) TY 2, 18" @ 0.5%, 20.2 ft
Inv.=709.21
SS CL A TY 2, 24" @ 3.68%, 61.7 ft
SS, (WM REQ) TY 2, 24" @ 1.0%, 58.7 ft
Inv.=706.44
Inv.=706.46
Inv.=707.06

-0.28%, -0.24%, -0.28%, -0.12%, -0.12%
+50.00, +00.00, +50.00, +00.00, +50.00
EL. 716.06, EL. 715.94
716.20
30'-0" Butt Joint

722, 720, 718, 716, 714, 712, 710, 708, 706

714.78 714.89 | 714.96 715.17 | 715.22 715.46 | 715.61 715.74 | 715.90 716.03 | 716.20 716.31 | 716.56 716.65 | 716.77 716.82 | 717.12 717.19 | 717.38 717.45 | 717.76 717.80 | 718.06 718.08 | 718.40 718.42

198+50, 199+00, 199+50, 200+00, 200+50, 201+00, 201+50, 202+00, 202+50, 203+00, 203+50, 204+00, 204+50

PLAN: SURVEYED, PLOTTED, GRADES CHECKED, R/T. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, BENCH MARK, STRUCTURE NOTATIONS CHKD, NOTE BOOK, NO., BY, DATE

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
	PLOT DATE = $DATE$	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 8
DRAINAGE PLANS RT SIDE

SCALE: 1" = 20'-0" | SHEET NO. 2 OF 3 SHEETS | STA. 198+50.00 TO STA. 204+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	77
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

MATCHLINE STA. 204+50.00
SEE ILLINOIS ROUTE 8 - DRAINAGE PLANS RT SIDE
SHEET 2 OF 3

PT Sta. 204+86.47

SIGN

CMP

205+00 | 206+00 | 207+00 | 208+00 | 209+00 | 210+00

I-14 — P. Cul. Cl. D 1, 15", 59.50 ft — I-15

I-16 — P. Cul. Cl. D 1, 15", 83.25 ft — I-17

15" CMP

48" CMP

2' x 2' Box Culvert

SIGN

(TEL)

LEGEND:

R - STRUCTURE TO BE REMOVED

ADJ - STRUCTURE TO BE ADJUSTED

- MANHOLE STRUCTURE

- INLET TY G-1

NOTES:

1. For Side Streets and Lateral Sewers, see drainage structure schedule.
2. Contractor shall install sewer pipe in accordance with sewer - watermain separation requirements specified in "Standard Specifications for water & sewer main construction".
3. See Staging Plans for more Drainage Details.

PLAN — SURVEYED — PLOTTED — ISSUED — STRUCTURE #(STA/RS OR RD) — NOTE BOOK — NO. — BY — DATE

PROFILE — SURVEYED — PLOTTED — ISSUED — STRUCTURE #(STA/RS OR RD) — NOTE BOOK — NO. — BY — DATE

722 720 718 716 714 712 710 708 706

726 724 722 720 718 716 714 712 710

Project End Sta. 204+60.00

EL. 715.88 -0.30% 0.30% +00.00 EL. 715.73 P. Cul. Cl. D 1, 15", 59.50 ft -0.30% -0.30% +00.00 EL. 715.43 -0.30% +50.00 EL. 715.28 -0.30% P. Cul. Cl. D 1, 15", 83.25 ft -0.30% +00.00 EL. 714.83 -0.06% -0.06% +50.00 EL. 714.80 -0.04% -0.04% +00.00 EL. 714.78 -0.06% -0.06% +50.00 EL. 714.75 -0.57% 714.65

I-14 +13.90 EL. 716.69

I-15 +80.70 EL. 715.49

I-16 +96.18 EL. 715.14

I-17 +86.81 EL. 714.87

2' x 2' Box Culvert

718.40 718.42 | 718.46 | 718.45 | 718.48 | 718.51 | 718.52 | 718.53 | 718.53 | 718.53 | 718.49 | 718.43 | 718.54 | 718.65

204+50 | 205+00 | 205+50 | 206+00 | 206+50 | 207+00 | 207+50 | 208+00 | 208+50 | 209+00 | 209+50 | 210+00 | 210+50

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
	PLOT DATE = $DATE$	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 8
DRAINAGE PLANS RT SIDE

SCALE: 1" = 20'-0" | SHEET NO. 3 OF 3 SHEETS | STA. 204+50.00 TO STA. 210+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	78
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

STA 12+10.00
146.85' LT

11+95.91
28.00' LT
EL= 716.13

11+50.00
28.0' LT
EL= 715.23

11+00.00
28.00' LT
EL= 714.68

10+74.02
28.00' LT
EL=714.65

STA 10+74.00
73.00' LT

2-CENTER CURVE
45' - 200'
⌖ = 20'

199+19.64
31.00' LT
EL=714.68

10+34.43
51.62' LT
EL=714.89

C

CANOPY

SIGN

SIGN

SIGN

112

NORTH SUMMIT DRIVE

111

11+95.91
24.00' RT
EL= 716.19

11+50.00
38.06' RT
EL= 715.23

11+11.80
86.00' RT

10+94.28
44.54' RT
EL= 714.41

STA 200+23.88 FAU 399 (IL ROUTE 8)
= STA 10+03.97 NORTH SUMMIT DRIVE

201+30.54
43.00' LT
EL= 715.63

201+45.36
31.00' LT
EL= 715.96

C

C

STA 11+95.91
284.00' RT

203

202

FAP 399 (IL ROUTE 8)

201

200

200+00

199

198

197

201+45.36
31.00' RT
EL= 715.96

201+00.00
38.64' RT
EL= 715.54

114+54.94
47.32' RT
EL= 714.45

114+49.96
43.08' RT
EL= 714.41

STA 200+26.95 FAU 399 (IL ROUTE 8)
= STA 115+04.58 SOUTH SUMMIT DRIVE

2-CENTER CURVE
45' - 140'
⌖ = 20'

STA 114+21.57
78.00' RT

114+21.57
33.00' RT
EL= 714.23

CANOPY

199+28.85
43.00' RT
EL= 714.49

STA 199+28.84
88.00' LT

114+15.80
37.50' LT
EL= 714.27

114

SOUTH SUMMIT DRIVE

114+00.00
33.00' RT
EL= 714.05

113+50.00
20.80' LT
EL= 714.31

2-CENTER CURVE
45' - 260'
⌖ = 15'

C

113+50.00
33.00' RT
EL=714.12

113+61.64
151.71' RT

113+22.93
19.00' LT
EL= 714.46

19.0'

33.0'

113+22.93
33.00' RT
EL= 714.26

113+19.42
279.00' LT

C

N

0 20' 40'
1" = 20'

FILE NAME = $FILE$	PLOT SCALE = $SCALE$	DESIGNED -	REVISED -
	PLOT DATE = $DATE$	DRAWN -	REVISED -
	PLOT TIME = $TIME$	CHECKED -	REVISED -
		DATE -	REVISED -

MAURER ▲ STUTZ, INC.
ENGINEERS SURVEYORS

INTERSECTION DETAIL

SCALE: 1" = 20' | SHEET NO. 1 OF 1 SHEETS | STA. 113+50.00 TO STA. 12+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	79
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

Ⓐ 187+61.93 60.00'
Ⓑ 188+44.92 49.79'
Ⓒ 197+97.52 49.00'
Ⓓ 193+34.55 50.00'
Ⓔ 192+48.97 58.96'
Ⓕ 192+51.57 70.00'
Ⓖ 189+34.39 57.00'
Ⓗ 189+19.36 51.02'
Ⓘ 186+90.49 50.00'
Ⓙ 186+84.46 55.00'

① 79°02'22"
② 102°17'50"
③ 102°03'38" (Local Tang.)
④ 101°27'12" (Local Tang.)
⑤ 101°09'24"

SEC. 19 T 26 N R 3 W 3RD P.M.

CURVE DATA IS LISTED ON SHEET 6

N

TALL OAKS SUBDIVISION

406Y068-TE
ROBERT WAGNER

406Y067-TE
CLIFFORD W. PARK
MARGARET PARK

406Y066-TE
RICHARD E. GAUNT, SR.

SHERWOOD PARK SEC NO. 1

OAKDALE RD

IL 8 WASHINGTON ST

P.R.C.

P.T.

P.C.

ARGO ST

N.SUMMIT AVE

S.SUMMIT AVE

BRIARGATE ST

MEADOW LANE

QUAIL TRAIL

SUNNY MEADOWS

LEWIS ADD. EXT 1

BRIARGATE SUB.

KELLER PARK

SHERWOOD PARK SEC NO. 4

406Y007-TE
DANIEL EDWARD BEACH

406Y006-TE
DONALD E. & JOYCE M. STENSTROM

406Y005-TE
PHILIP D. EMARY

406Y004-TE
THERESE D. GARDNER

406Y003-TE
S & S WASH, LTD.
an ILLINOIS CORPORATION

406Y002-TE
GUTH CEMETERY

LEGEND
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
PROPOSED TEMPORARY EASEMENT LINE

FOR OLD ROW SEE FILE 4 SHEET(S) 18D & 21

PLATFILE: 019

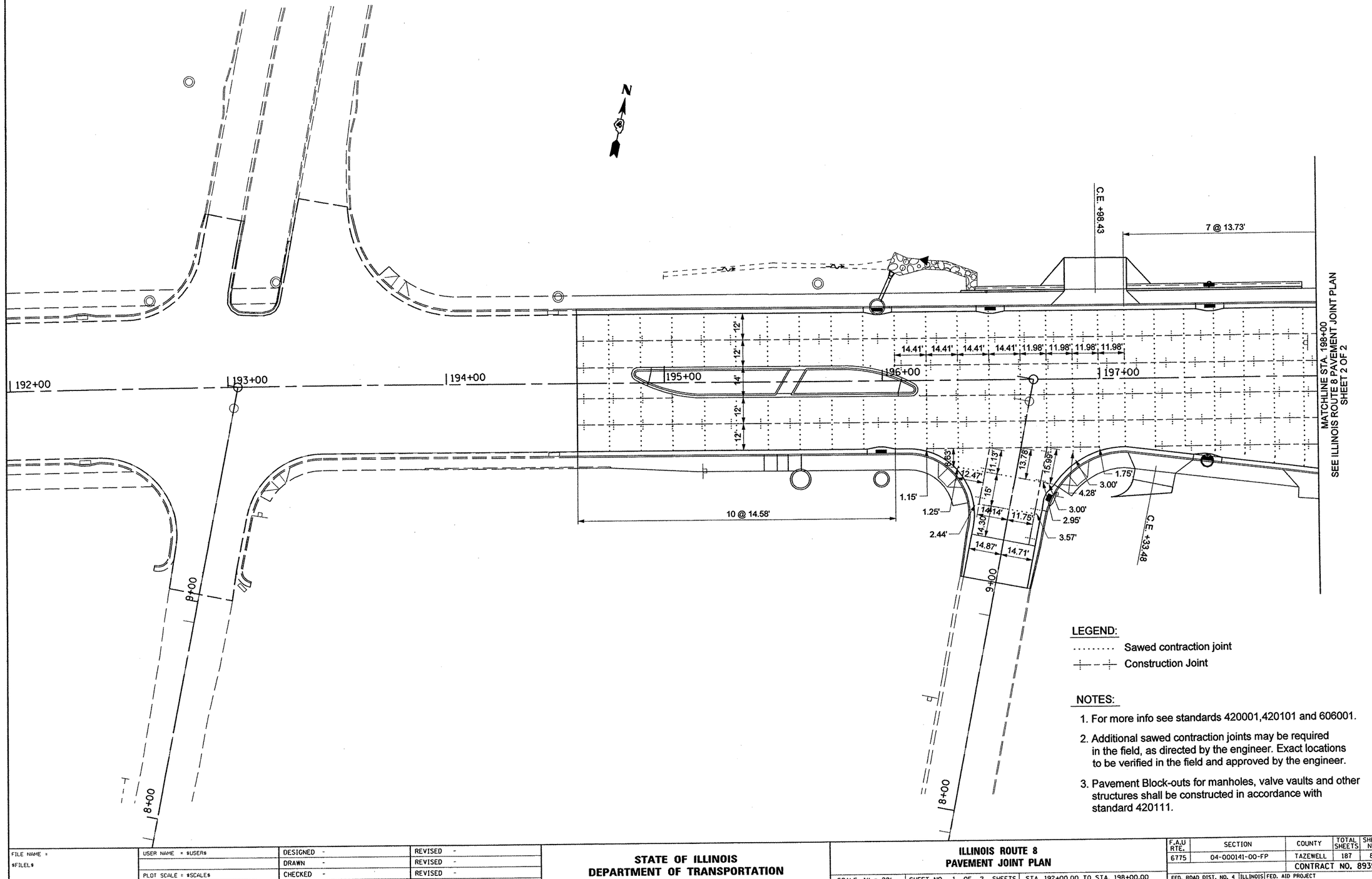
FILE NAME	USER NAME = $USER$	DESIGNED - PCF	REVISED -
$FILE1$		DRAWN - MLA	REVISED -
Jobrow.gpk	PLOT SCALE = $SCALE$	CHECKED - PCF	REVISED -
Il8brow.idf Field Book No. 2870	PLOT DATE = $DATE$	DATE - 12-2008	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 8 – RIGHT OF WAY PLANS

	PROJECT	JOB NO. R-94-006-07
SCALE: 1"=100'	SHEET NO. 1 OF 1 SHEETS	STA. 186+00.00 TO STA. 201+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	80
(IL 8)	030427-06	CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



LEGEND:

..... Sawed contraction joint

Construction Joint

NOTES:

1. For more info see standards 420001,420101 and 606001.
2. Additional sawed contraction joints may be required in the field, as directed by the engineer. Exact locations to be verified in the field and approved by the engineer.
3. Pavement Block-outs for manholes, valve vaults and other structures shall be constructed in accordance with standard 420111.

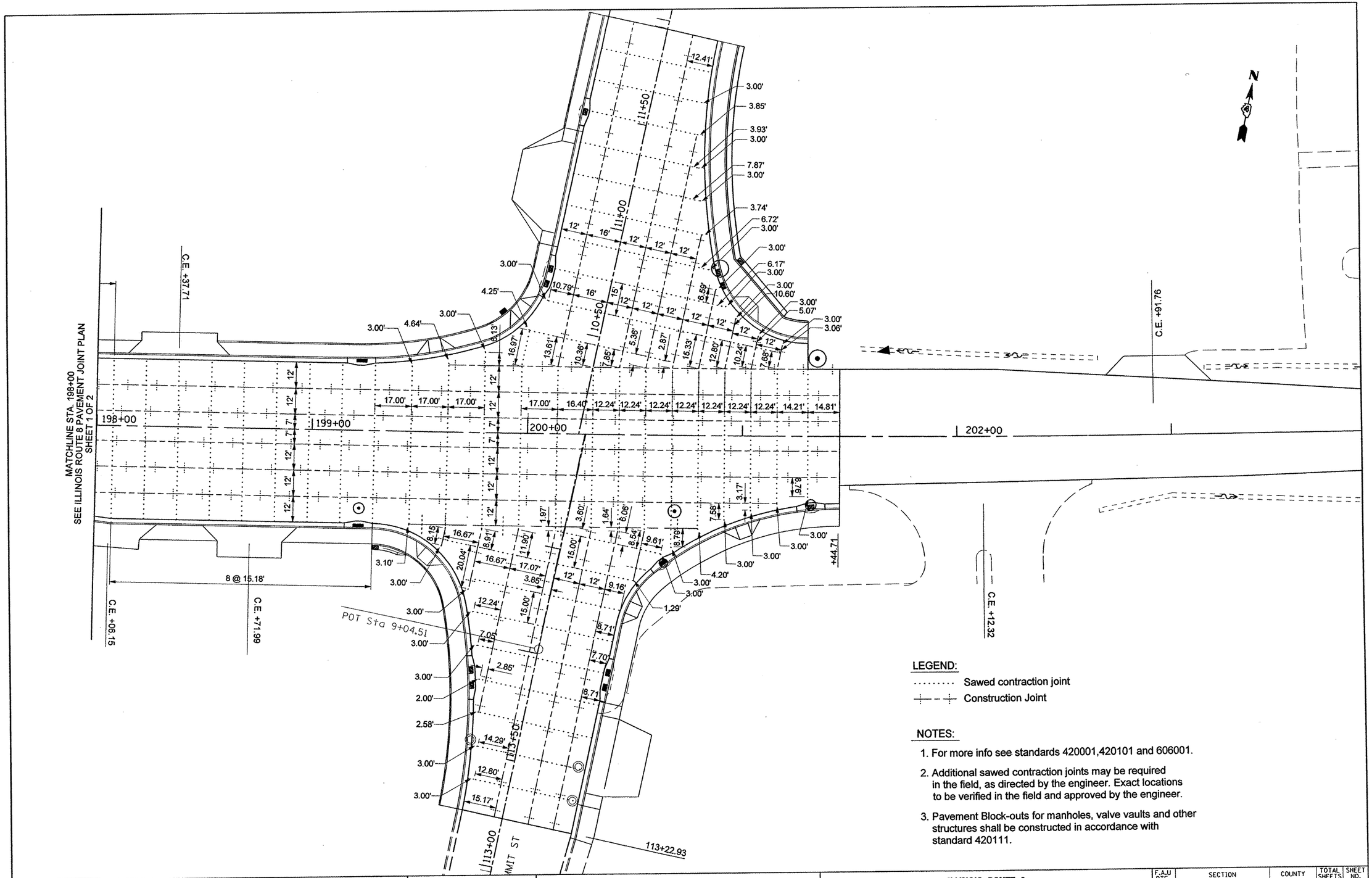
FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
	PLOT DATE = $DATE$	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 8
PAVEMENT JOINT PLAN

SCALE: 1" = 20' | SHEET NO. 1 OF 2 SHEETS | STA. 192+00.00 TO STA. 198+00.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-000141-00-FP	TAZEWELL	187	81
		CONTRACT NO. 89352		
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT		



LEGEND:

..... Sawed contraction joint

—+—+— Construction Joint

NOTES:

1. For more info see standards 420001,420101 and 606001.
2. Additional sawed contraction joints may be required in the field, as directed by the engineer. Exact locations to be verified in the field and approved by the engineer.
3. Pavement Block-outs for manholes, valve vaults and other structures shall be constructed in accordance with standard 420111.

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
	PLOT DATE = $DATE$	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 8
PAVEMENT JOINT PLAN

SCALE: 1" = 20' | SHEET NO. 2 OF 2 SHEETS | STA. 198+00.00 TO STA. 204+00.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	82
		CONTRACT NO. 89352		
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT		

N

EX. R.O.W.

18" CMP

11+00

15" CMP

C.E. +76.54

C.E. +14.86

BEGINING OF PVMNT. MARKING
STA. 189+37

P.I. +68.88

+50.00

188+00

189+00

190+00

191+00

192+00

12'
12'
14'
12'
12'

C.E. +78.73

9+00

EX. R.O.W.

C.E. +58.35

C.E. +34.98

8+00

8+00

MATCHLINE STA. 193+00.00
SEE ILLINOIS ROUTE 8 PAVEMENT MARKING AND LANDSCAPING PLANS
SHEET 2 OF 4

PAVEMENT MARKING LEGEND

1. 4" White Solid
2. 4" Yellow Solid
3. 4" Yellow Skip Dash
4. 4" Double Yellow
5. 6" White Skip Dash
6. 8" White Skip Dash
7. 8" White Solid
8. 12" White Diagonal 20' c-c
9. Turn Arrow White
10. R.R.P.M. One-way Crystal Marker 80' C.C.
11. R.R.P.M. One-way Crystal Marker 40' C.C.
12. R.R.P.M. Two-way Amber Marker 40' C.C.
13. 24" Stop Bar

LANDSCAPING LEGEND

- Seeding Class 2A
- Sodding, Salt Tolerant
- Heavy Duty Erosion Control Blanket
- Stone Riprap Class A4
- Proposed Tree

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
	PLOT DATE = $DATE$	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 8
PAVEMENT MARKING & LANDSCAPING PLAN

SCALE: 1" = 20' | SHEET NO. 1 OF 4 SHEETS | STA. 187+00.00 TO STA. 193+00.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	83
		CONTRACT NO. 89352		
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT		

MATCHLINE STA. 193+00.00
SEE ILLINOIS ROUTE 8 PAVEMENT MARKING AND LANDSCAPING PLANS
SHEET 1 OF 4

MATCHLINE STA. 198+75.00
SEE ILLINOIS ROUTE 8 PAVEMENT MARKING AND LANDSCAPING PLANS
SHEET 3 OF 4

N

EX. R.O.W.

Const. Limits

T.E.

C.E. +38.43

C.E. +37.71

193+00 194+00 195+00 196+00 197+00 198+00

+00.00 +84.89 +16.19 +37.00 +68.89

12' 12' 14' 12' 12' 13' 11'

+11.22

+39.62

EX. R.O.W.

+36.19
43.49'

End Taper
+92.19

C.E. +33.48

T.E.

C.E. +06.15

+43.00

+53.40

C.E. +71.99

9+00

30'-0"

8+00

PAVEMENT MARKING LEGEND

1. 4" White Solid
2. 4" Yellow Solid
3. 4" Yellow Skip Dash
4. 4" Double Yellow
5. 6" White Skip Dash
6. 8" White Skip Dash
7. 8" White Solid
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13. 24" Stop Bar

LANDSCAPING LEGEND

- Seeding Class 2A
- Sodding, Salt Tolerant
- Heavy Duty Erosion Control Blanket
- Stone Riprap Class A4
- Proposed Tree

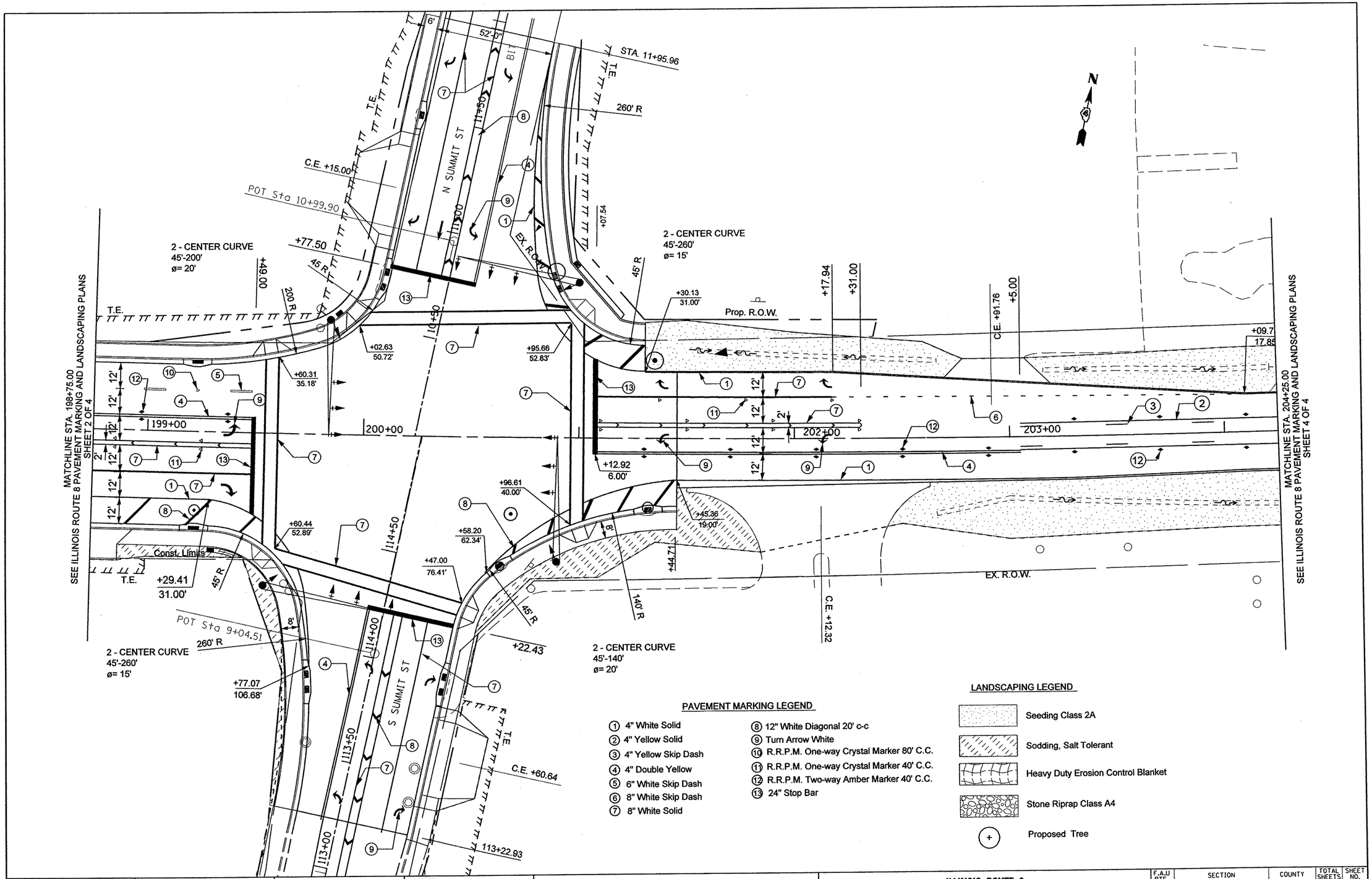
FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
	PLOT DATE = $DATE$	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 8
PAVEMENT MARKING & LANDSCAPING PLAN

SCALE: 1" = 20' | SHEET NO. 2 OF 4 SHEETS | STA. 193+00.00 TO STA. 198+75.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	84
		CONTRACT NO. 89352		
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT		



PAVEMENT MARKING LEGEND

1. 4" White Solid
2. 4" Yellow Solid
3. 4" Yellow Skip Dash
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5. 6" White Skip Dash
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12. R.R.P.M. Two-way Amber Marker 40' C.C.
13. 24" Stop Bar

LANDSCAPING LEGEND

- Seeding Class 2A
- Sodding, Salt Tolerant
- Heavy Duty Erosion Control Blanket
- Stone Riprap Class A4
- (+) Proposed Tree

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
	PLOT DATE = $DATE$	DATE -	REVISED -

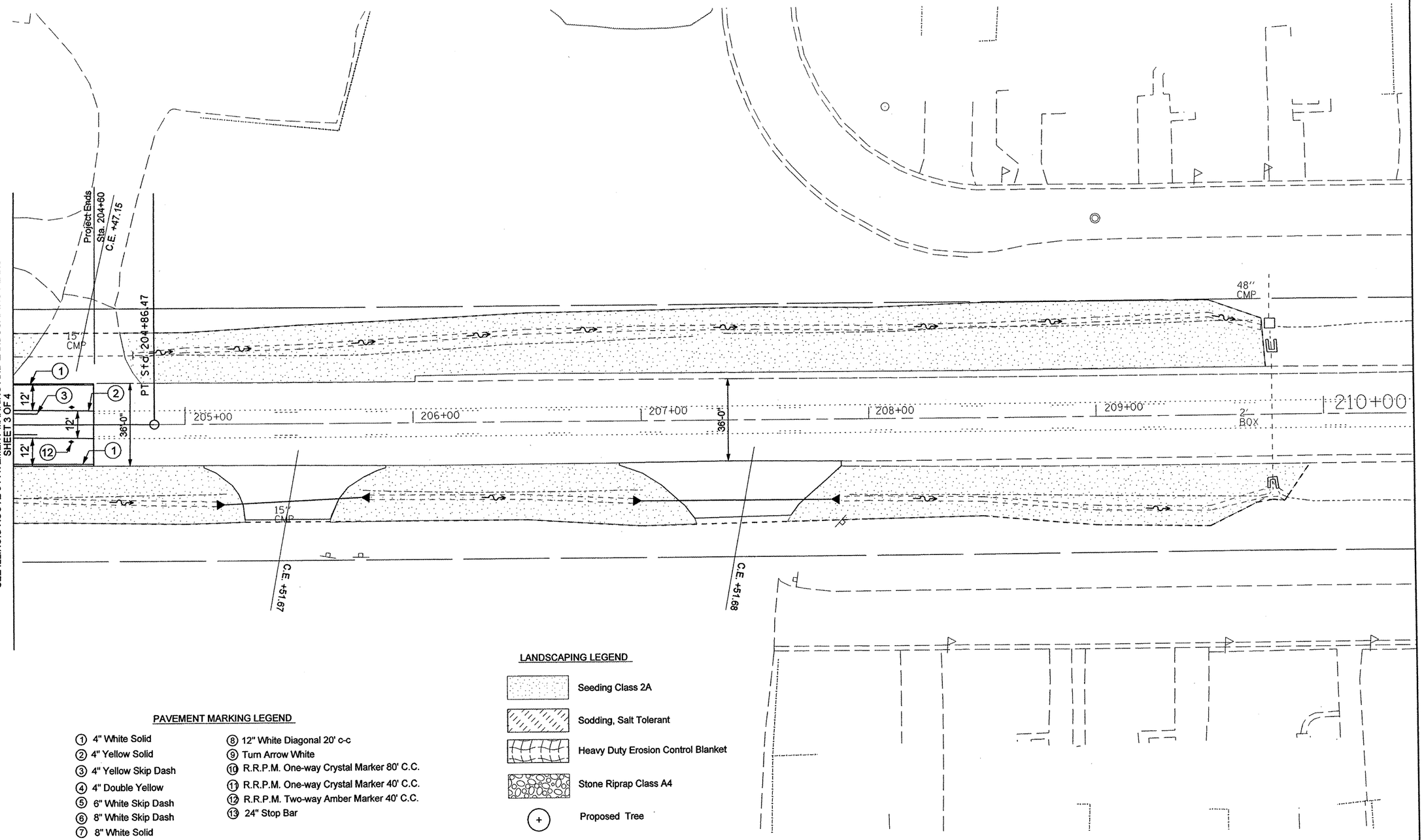
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 8
PAVEMENT MARKING & LANDSCAPING PLAN

SCALE: 1" = 20' | SHEET NO. 3 OF 4 SHEETS | STA. 198+75.00 TO STA. 204+25.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	85
		CONTRACT NO. 89352		
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT		

MATCHLINE STA. 204+25
SEE ILLINOIS ROUTE 8 PAVEMENT MARKING AND LANDSCAPING PLANS SHEET 3 OF 4



PAVEMENT MARKING LEGEND

1. 4" White Solid
2. 4" Yellow Solid
3. 4" Yellow Skip Dash
4. 4" Double Yellow
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7. 8" White Solid
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12. R.R.P.M. Two-way Amber Marker 40' C.C.
13. 24" Stop Bar

LANDSCAPING LEGEND

- Seeding Class 2A
- Sodding, Salt Tolerant
- Heavy Duty Erosion Control Blanket
- Stone Riprap Class A4
- Proposed Tree

FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
	PLOT DATE = $DATE$	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 8
PAVEMENT MARKING & LANDSCAPING PLAN

SCALE: 1" = 20' | SHEET NO. 4 OF 4 SHEETS | STA. 204+25.00 TO STA. 210+00.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	86
		CONTRACT NO. 89352		
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT		

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 FT. 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. THE #18 3-PAIR TWISTED/SHIELDED CABLE SHALL HAVE THE SAME SLACK AS OTHER SIGNAL CABLE AND WILL BE MEASURED IN PLACE FOR PAYMENT.
5. ALL DETECTOR LOOPS SHALL UTILIZE A SEPARATE PAIR OF LEAD-IN CABLE.
6. A TYPE II SPLICE SHALL BE USED FOR ALL DETECTOR LEAD-INS.
7. ALL DETECTOR LOOPS SHALL BE INSTALLED IN THE CENTER OF THEIR RESPECTIVE TRAVEL LANES. THE ENGINEER OF TRAFFIC SHALL BE NOTIFIED FOR VERIFICATION OF DETECTOR PLACEMENT BEFORE INSTALLATION.
8. ALL TRAFFIC SIGNAL HEAD BRACKETS ARE TO BE ALUMINUM WITH A NATURAL FINISH.
9. ALL TRAFFIC SIGNAL POSTS ARE TO BE GALVANIZED STEEL.
10. ALL SIGNAL CABINETS TO BE UNPAINTED ALUMINUM.
11. BACKPLATES SHALL BE POLYCARBONATE WITH A DEEP BACK LOUVERED FLANGE.
12. PROPOSED HANDHOLES SHALL BE CAST IN PLACE CONCRETE HANDHOLES.
13. THE HANDHOLE SHALL BE CONSTRUCTED SO THAT THE TOP OF THE FRAME WILL BE FLUSH WITH THE SURFACE OF THE MEDIAN, SIDEWALK, OR GROUND LINE.
14. 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.
15. 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.
16. COILABLE POLYETHYLENE DUCT MAY BE SUBSTITUTED FOR PVC CONDUIT PUSHED OR TRENCHED.
17. THE TRAFFIC SIGNAL CONTROLLER SHALL BE ORIENTED SO THAT THE DOOR IS FACING AWAY FROM TRAFFIC.
18. THE DOUBLE HANDHOLE SHALL NOT BE USED IN LIEU OF THE CONTROLLER FOUNDATION PAD.
19. 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.
20. 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.
21. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 24 INCHES MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.
22. THE ELECTRICAL CONDUCTORS FOR ALL TRAFFIC SIGNAL HEADS SHALL BE SOLID, SOFT COPPER.
23. 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.
24. 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.
25. 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.
26. THE CONTRACTOR SHALL CONTACT AMEREN PRIOR TO BEGINNING WORK TO OBTAIN THE UTILITY COMPANY REQUIREMENTS FOR THE SERVICE INSTALLATION.
27. ALL SURPLUS MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.
28. ALL STEEL COMBINATION MAST ARM ASSEMBLIES AND POLES SHALL BE EQUIPPED WITH 12 FT. LUMINIARE ARMS AND HAVE A 45 FT. LUMINIARE MOUNTING HEIGHT.
29. 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.

TRAFFIC SIGNAL QUANTITIES

PAY CODE	ITEM DESCRIPTION	UNIT	TOTAL QTY.
80500200	SERVICE INSTALLATION, TYPE B	EACH	1
81012600	CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	795
81012800	CONDUIT IN TRENCH, 3" DIA., PVC	FOOT	277
81012900	CONDUIT IN TRENCH, 3 1/2" DIA., PVC	FOOT	166
81306500	REMOVE EXISTING JUNCTION BOX	EACH	3
81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	5
81400720	DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1
81702130	ELECTRIC CABLE IN CONDUIT, 600V, (XLP-TYPE USE) 1/C NO. 6	FOOT	935
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	1238
82102400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	4
85700205	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 5C	FOOT	1689
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 7C	FOOT	2533
87301515	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 3 PAIR	FOOT	1770
87702990	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 54 FT.	EACH	1
87703020	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 58 FT.	EACH	2
87703030	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 60 FT.	EACH	1
87800200	CONCRETE FOUNDATION, TYPE D	FOOT	3.5
87800415	CONCRETE FOUNDATION, TYPE E, 36-INCH DIAMETER	FOOT	78
88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	8
88030070	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	4
88030080	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	4
88102845	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	4
88200310	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	12
88500100	INDUCTIVE LOOP DETECTOR	EACH	12
88600100	DETECTOR LOOP, TYPE I	FOOT	1649
88700200	LIGHT DETECTOR	EACH	2
88700300	LIGHT DETECTOR AMPLIFIER	EACH	1
88800100	PEDESTRIAN PUSH-BUTTON	EACH	8
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
89502380	REMOVE EXISTING HANDHOLE	EACH	1
89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	1
X0324134	BATTERY BACKUP SYSTEM WITH CABINET	EACH	1
X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	527
XX005703	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, SPECIAL	L SUM	1

THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF TRAFFIC, RANDY LANINGA, AT (309) 671-4477 TO OBTAIN APPROVAL FOR ALL MAST ARM FOUNDATION LOCATIONS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE LIABLE FOR ALL COSTS REQUIRED TO REMOVE OR RELOCATE FACILITIES THAT WERE CONSTRUCTED WITHOUT OBTAINING LOCATION APPROVAL.

FILE NAME =	PLOT SCALE = $SCALE$	DESIGNED - RAW	REVISED -
	PLOT DATE = $DATE$	DRAWN - RAW	REVISED -
$FILEL$	PLOT TIME = $TIME$	CHECKED - RJA	REVISED -
		DATE -	REVISED -

MAURER ▲ STUTZ, INC. ENGINEERS SURVEYORS

TRAFFIC SIGNAL PLANS
TRAFFIC SIGNAL GENERAL NOTES AND QUANTITIES

SCALE: | SHEET NO. 1 OF 7 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	87
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, SPECIAL - QTY, 1 LUMP SUM

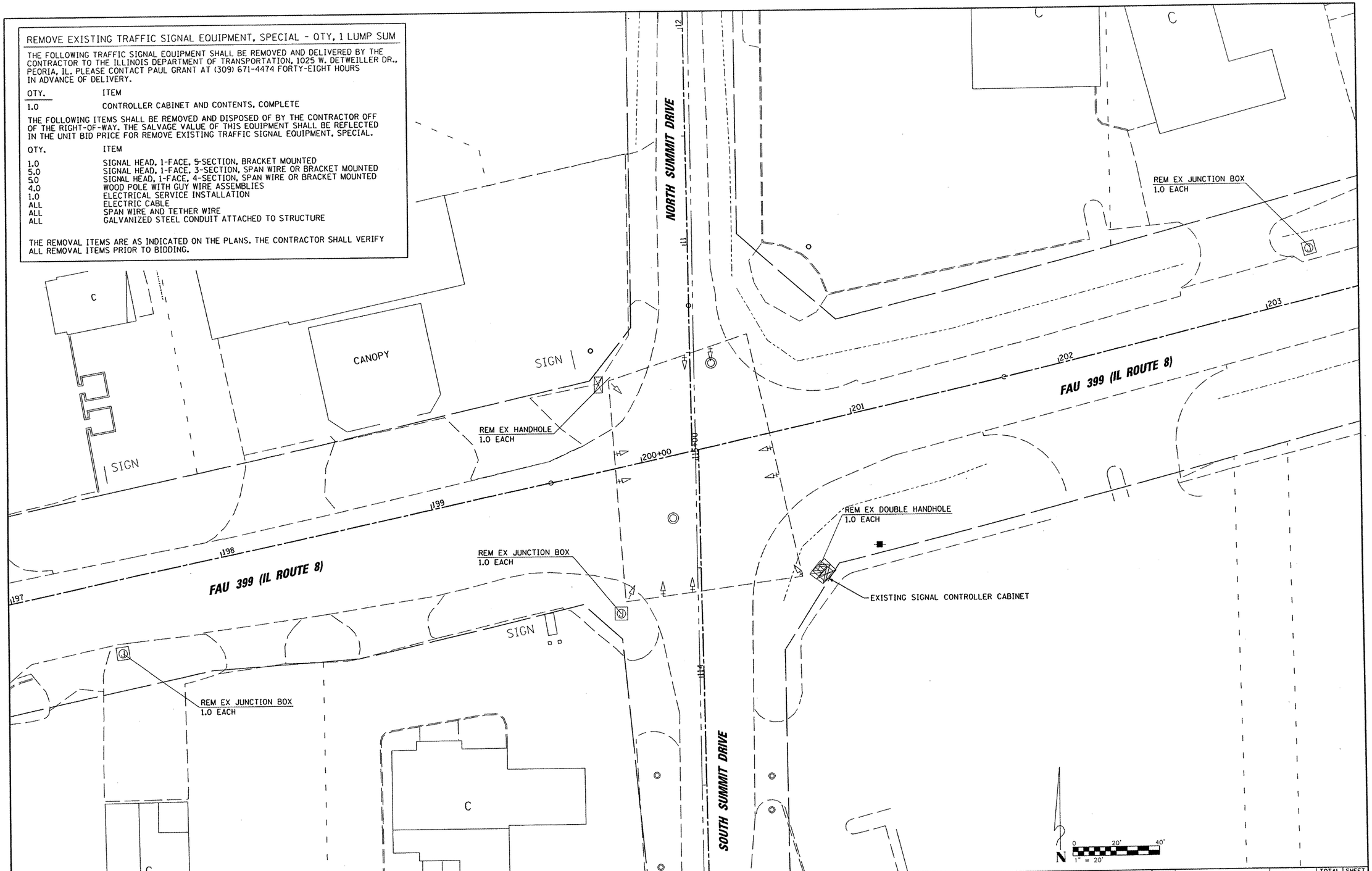
THE FOLLOWING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED AND DELIVERED BY THE CONTRACTOR TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION, 1025 W. DETWEILLER DR., PEORIA, IL. PLEASE CONTACT PAUL GRANT AT (309) 671-4474 FORTY-EIGHT HOURS IN ADVANCE OF DELIVERY.

QTY.	ITEM
1.0	CONTROLLER CABINET AND CONTENTS, COMPLETE

THE FOLLOWING ITEMS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR OFF OF THE RIGHT-OF-WAY. THE SALVAGE VALUE OF THIS EQUIPMENT SHALL BE REFLECTED IN THE UNIT BID PRICE FOR REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, SPECIAL.

QTY.	ITEM
1.0	SIGNAL HEAD, 1-FACE, 5-SECTION, BRACKET MOUNTED
5.0	SIGNAL HEAD, 1-FACE, 3-SECTION, SPAN WIRE OR BRACKET MOUNTED
5.0	SIGNAL HEAD, 1-FACE, 4-SECTION, SPAN WIRE OR BRACKET MOUNTED
4.0	WOOD POLE WITH GUY WIRE ASSEMBLIES
1.0	ELECTRICAL SERVICE INSTALLATION
ALL	ELECTRIC CABLE
ALL	SPAN WIRE AND TETHER WIRE
ALL	GALVANIZED STEEL CONDUIT ATTACHED TO STRUCTURE

THE REMOVAL ITEMS ARE AS INDICATED ON THE PLANS. THE CONTRACTOR SHALL VERIFY ALL REMOVAL ITEMS PRIOR TO BIDDING.



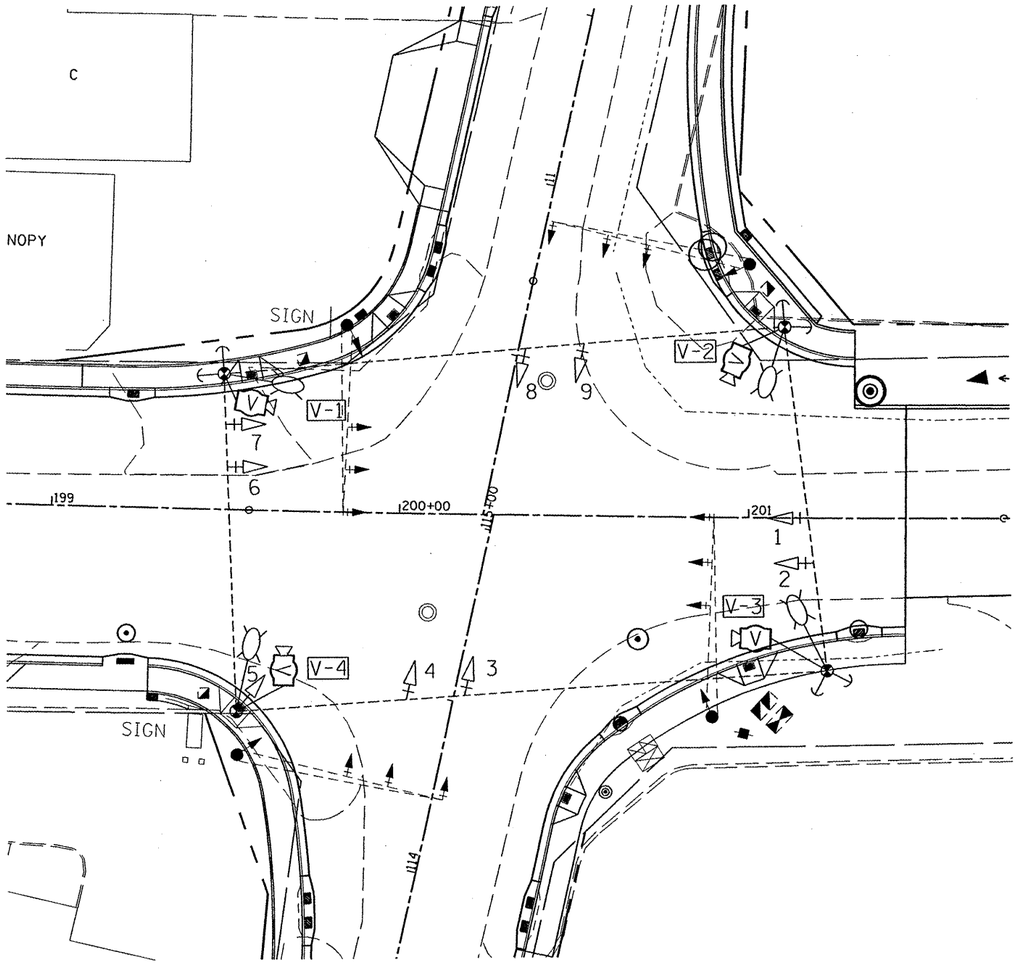
FILE NAME =	PLOT SCALE = $SCALE$	DESIGNED -	REVISED -
	PLOT DATE = $DATE$	DRAWN -	REVISED -
	PLOT TIME = $TIME$	CHECKED -	REVISED -
$FILEL$		DATE -	REVISED -

MAURER ▲ STUTZ, INC.
ENGINEERS SURVEYORS

TRAFFIC SIGNAL PLANS
EXISTING TRAFFIC SIGNAL AND DEMOLITION PLAN

SCALE: 1" = 20' | SHEET NO. 2 OF 7 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	88
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



TEMPORARY TRAFFIC SIGNAL CONSTRUCTION NOTES

T1. THE CONTRACTOR SHALL PROVIDE AND INSTALL EQUIPMENT WITH RESPECT TO THE TEMPORARY TRAFFIC SIGNAL INSTALLATION. THIS SHALL INCLUDE ALL CABLES, SIGNAL HEADS, CONDUIT, CONTROLLER AND CABINET, WOOD POLES, GUY WIRE ASSEMBLIES, LUMINAIRES, SERVICE, AND ALL OTHER EQUIPMENT REQUIRED FOR THE INSTALLATION.

T2. A FOUR CAMERA VEHICLE VIDEO DETECTION SYSTEM SHALL BE USED TO PROVIDE DETECTION FOR THE TEMPORARY TRAFFIC SIGNAL INSTALLATION. THE DEPARTMENT SHALL FURNISH A FOUR CAMERA VIDEO DETECTION SYSTEM (CAMERAS WITH BRACKETS AND PROCESSOR) FOR USE WITH THE TEMPORARY INSTALLATION. THE CONTRACTOR SHALL FURNISH ALL CABLE, HARDWARE, BRACKETS, AND ACCESSORIES REQUIRED FOR A COMPLETELY FUNCTIONAL SYSTEM.

T3. THE EXISTING CONTROLLER IS A NEMA TS-1, FULL ACTUATED, MICROPROCESSOR BASED CONTROLLER THAT IS 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 MAY 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 (EXISTING AND PROVIDED BY THE DEPARTMENT) SHALL BE DELIVERED IN GOOD WORKING CONDITION UPON REMOVAL OF THE 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. EXISTING TRAFFIC SIGNAL HEADS MAY BE USED IN THE TEMPORARY INSTALLATION.

T6. THE TEMPORARY TRAFFIC SIGNAL SPAN WIRES AND CABLES SHALL BE ATTACHED TO THE WOOD POLES IN A MANNER APPROVED BY THE ENGINEER. ALL CABLES SHALL MAINTAIN AN 18 FT. MINIMUM CLEARANCE ABOVE THE HIGHEST POINT OF THE ROADWAY.

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 CONTRACTOR SHALL PROVIDE ALL LABOR, EQUIPMENT, AND MATERIALS REQUIRED TO RELOCATE THE TEMPORARY TRAFFIC SIGNAL HEADS IN ACCORDANCE WITH THE PROPOSED CONSTRUCTION STAGING.

T11. THE TRAFFIC SIGNAL INSTALLATION SHALL CONFORM TO ALL APPLICABLE MUTCD STANDARDS AND ALL WORK SHALL CONFORM TO NEC REQUIREMENTS.

T12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MODIFYING THE VIDEO DETECTION SYSTEM TO ACCOMMODATE CONSTRUCTION STAGING (INCLUDING CAMERA AIMING AND PROGRAMMING).

T13. ALL LABOR, MATERIALS, AND EQUIPMENT REQUIRED TO COMPLY WITH THESE REQUIREMENTS SHALL BE INCLUDED IN THE PRICE FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION.

T14. PROVIDED THE PERMANENT TRAFFIC SIGNALS CAN BE PLACED COMPLETELY BEFORE THE REMOVAL OF THE EXISTING SIGNAL SYSTEM, THE TEMPORARY SIGNALS MAY BE OMITTED AT THE CONTRACTOR'S OPTION AND WITH THE APPROVAL OF THE ENGINEER.

THE CONTRACTOR SHALL COORDINATE THE PLACEMENT OF WOOD POLES, GUY WIRES, AND OTHER TEMPORARY TRAFFIC SIGNAL EQUIPMENT WITH THE ENGINEER TO PREVENT CONFLICTS WITH CONSTRUCTION STAGING AND OVERHEAD UTILITIES.

TEMPORARY TRAFFIC SIGNAL LEGEND

- TEMPORARY TRAFFIC SIGNAL SPAN WIRE AND CABLE
- TEMPORARY WOOD POLE
- TEMPORARY TRAFFIC SIGNAL HEAD
- TEMPORARY TRAFFIC SIGNAL HEAD WITH BACKPLATE
- TEMPORARY VIDEO CAMERA (FURNISHED BY DEPT.)
- LUMINAIRE, 400W, SODIUM VAPOR, PHOTOCELL CONTROL

SCHEDULE OF QUANTITIES		
ITEM DESCRIPTION	UNIT	QUANTITY
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1.0

FILE NAME = $FILE$	PLOT SCALE = $SCALE$	DESIGNED -	REVISED -
	PLOT DATE = $DATE$	DRAWN -	REVISED -
	PLOT TIME = $TIME$	CHECKED -	REVISED -
		DATE -	REVISED -

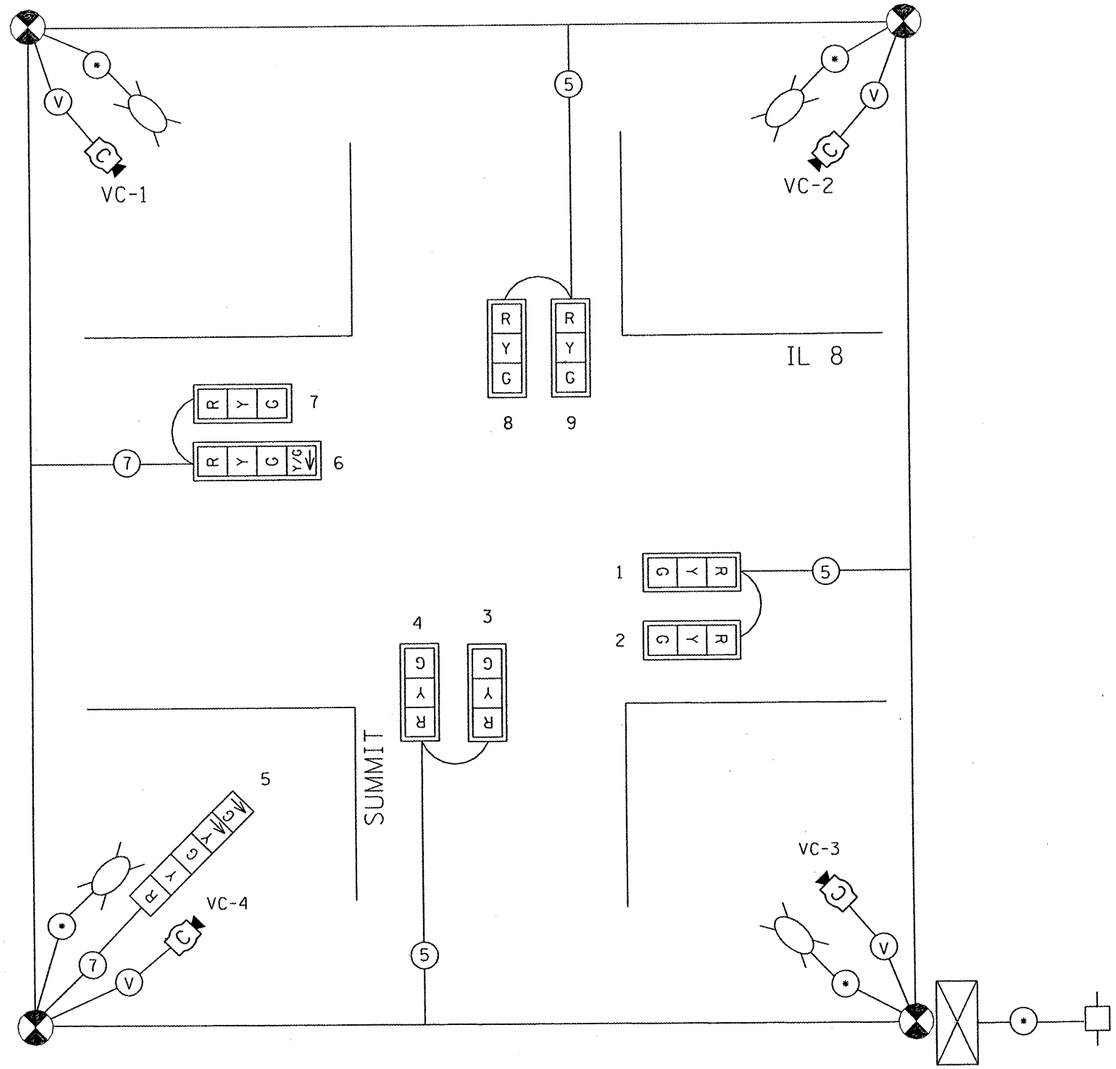
MAURER ▲ STUTZ, INC. ENGINEERS SURVEYORS

TRAFFIC SIGNAL PLANS
TEMPORARY TRAFFIC SIGNAL PLAN

SCALE: 1" = 20' | SHEET NO. 3 OF 7 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	89
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

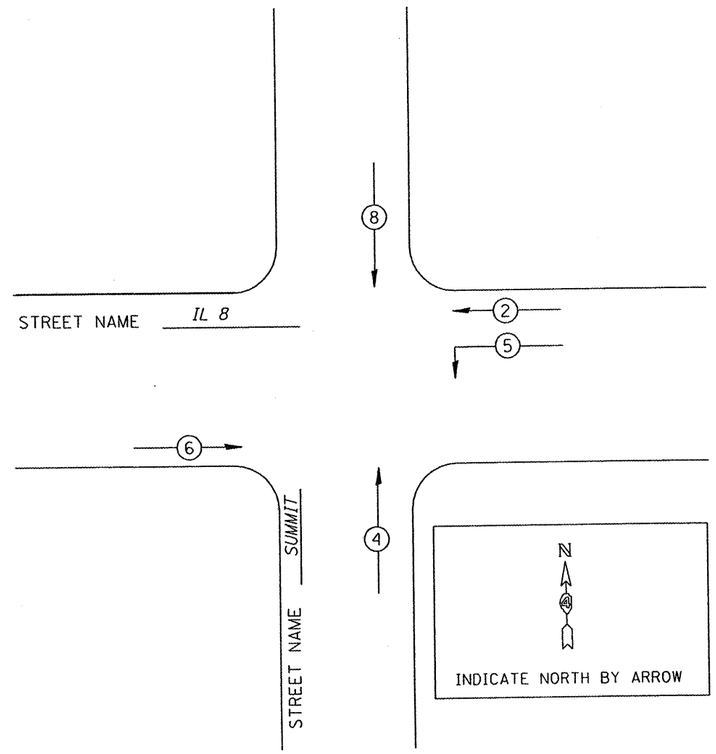
TEMPORARY CABLE DIAGRAM



TEMPORARY PHASE DIAGRAM

NAME OF INTERSECTION IL 8 & SUMMIT DR.

EXISTING CONTROLLER: FULL ACTUATED CONTROLLER (TS-1), TYPE IV CABINET, TS-1 BACKPANEL



LEGEND

VEHICULAR MOVEMENT

*NUMBER REFERS TO ASSOCIATED PHASE

TRAFFIC SIGNALS LEGEND

- TEMP. CONTROLLER (SIGNAL)
- TEMP. SIGNAL HEAD W/BACKPLATE
- TEMP. SIGNAL HEAD
- (5) TEMP. 5/C NO. 14 SIGNAL CABLE
- (7) TEMP. 7/C NO. 14 SIGNAL CABLE
- (V) TEMP. VIDEO DETECTION CABLE
- (•) TEMP. CABLE (1/C NO. 6) X 3
- TEMP. SERVICE INSTALLATION
- (C) TEMP. VIDEO DETECTION CAMERA
- TEMP. LUMINAIRE (400 W HPS) W/ PHOTOCELL

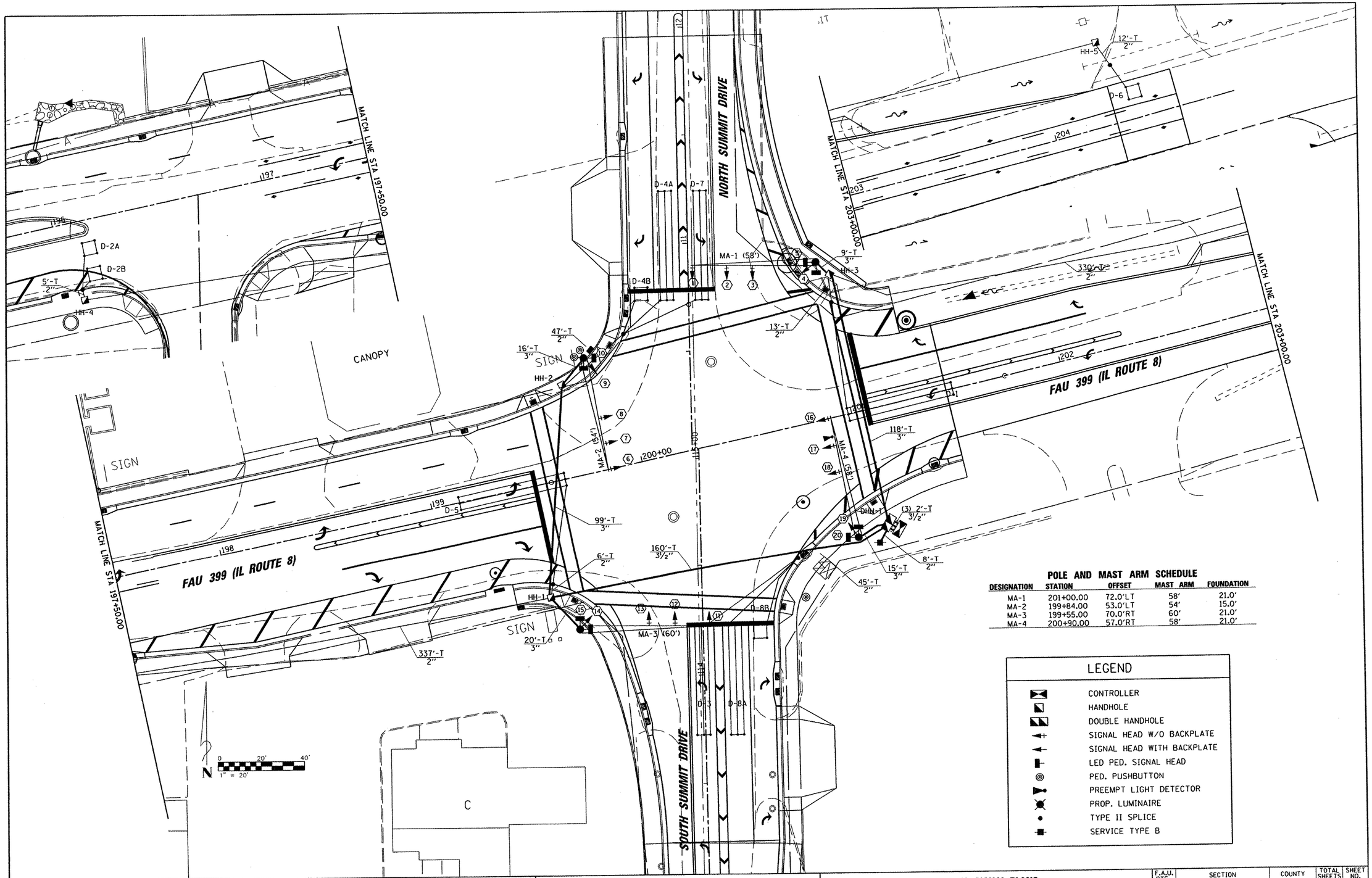
FILE NAME = $FILEL$	PLOT SCALE = $SCALE$	DESIGNED -	REVISED -
	PLOT DATE = $DATE$	DRAWN -	REVISED -
	PLOT TIME = $TIME$	CHECKED -	REVISED -
		DATE -	REVISED -

MAURER ▲ STUTZ, INC. ENGINEERS SURVEYORS

TRAFFIC SIGNAL PLANS
TEMPORARY TRAFFIC SIGNAL PHASE AND CABLE DIAGRAM

SCALE: 1" = 20' | SHEET NO. 4 OF 7 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	90
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



POLE AND MAST ARM SCHEDULE

DESIGNATION	STATION	OFFSET	MAST ARM	FOUNDATION
MA-1	201+00.00	72.0'LT	58'	21.0'
MA-2	199+84.00	53.0'LT	54'	15.0'
MA-3	199+55.00	70.0'RT	60'	21.0'
MA-4	200+90.00	57.0'RT	58'	21.0'

LEGEND

- CONTROLLER
- HANDHOLE
- DOUBLE HANDHOLE
- SIGNAL HEAD W/O BACKPLATE
- SIGNAL HEAD WITH BACKPLATE
- LED PED. SIGNAL HEAD
- PED. PUSHBUTTON
- PREEMPT LIGHT DETECTOR
- PROP. LUMINAIRE
- TYPE II SPLICE
- SERVICE TYPE B

FILE NAME =	PLOT SCALE = $SCALE$	DESIGNED - RAW	REVISED -
	PLOT DATE = $DATE$	DRAWN - RAW	REVISED -
	PLOT TIME = $TIME$	CHECKED - DWM	REVISED -
		DATE -	REVISED -

MAURER ▲ STUTZ, INC.
ENGINEERS SURVEYORS

TRAFFIC SIGNAL PLANS
SIGNAL LAYOUT PLAN

SCALE: 1" = 20' | SHEET NO. 5 OF 7 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	91
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

LEGEND

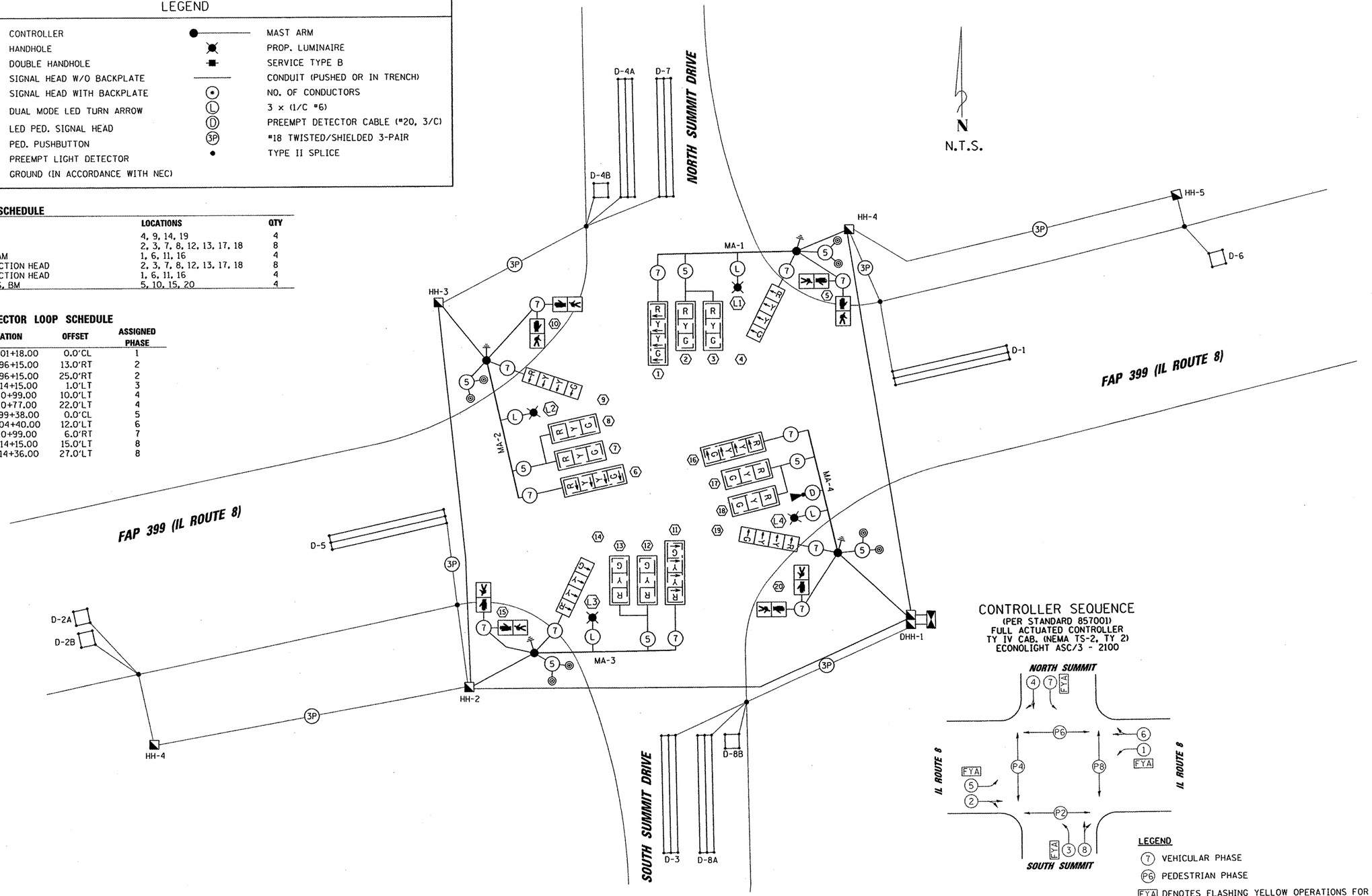
	CONTROLLER		MAST ARM
	HANDHOLE		PROP. LUMINAIRE
	DOUBLE HANDHOLE		SERVICE TYPE B
	SIGNAL HEAD W/O BACKPLATE		CONDUIT (PUSHED OR IN TRENCH)
	SIGNAL HEAD WITH BACKPLATE	(•)	NO. OF CONDUCTORS
G/Y	DUAL MODE LED TURN ARROW	(L)	3 x (1/C #6)
	LED PED. SIGNAL HEAD	(D)	PREEMPT DETECTOR CABLE (#20, 3/C)
	PED. PUSHBUTTON	(3P)	#18 TWISTED/SHIELDED 3-PAIR
	PREEMPT LIGHT DETECTOR	•	TYPE II SPLICE
	GROUND (IN ACCORDANCE WITH NEC)		

SIGNAL HEAD SCHEDULE

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

DETECTOR LOOP SCHEDULE

DESIGNATION	STATION	OFFSET	ASSIGNED PHASE
D-1	201+18.00	0.0'CL	1
D-2A	196+15.00	13.0'RT	2
D2-B	196+15.00	25.0'RT	2
D-3	114+15.00	1.0'LT	3
D-4A	10+99.00	10.0'LT	4
D-4B	10+77.00	22.0'LT	4
D-5	199+38.00	0.0'CL	5
D-6	204+40.00	12.0'LT	6
D-7	10+99.00	6.0'RT	7
D-8A	114+15.00	15.0'LT	8
D-8B	114+36.00	27.0'LT	8



CONTROLLER SEQUENCE

(PER STANDARD 857001)
FULL ACTUATED CONTROLLER
TY IV CAB. (NEMA TS-2, TY 2)
ECONOLIGHT ASC/3 - 2100

LEGEND

- (7) VEHICULAR PHASE
- (P6) PEDESTRIAN PHASE
- FYA DENOTES FLASHING YELLOW OPERATIONS FOR PROTECTED/PERMISSIVE LEFT TURN PHASES

FILE NAME = $FILEL$

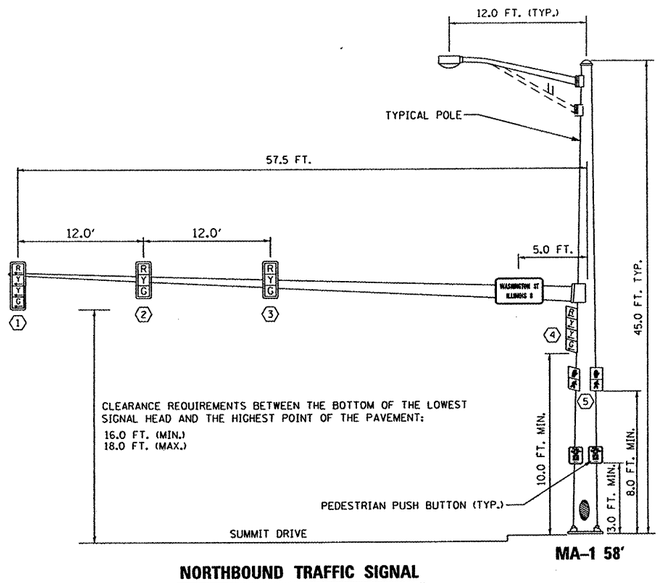
PLOT SCALE = $SCALE$	DESIGNED -	REVISED -
PLOT DATE = $DATE$	DRAWN -	REVISED -
PLOT TIME = $TIME$	CHECKED -	REVISED -
	DATE	REVISED -

MAURER ▲ STUTZ, INC.
ENGINEERS SURVEYORS

TRAFFIC SIGNAL PLANS
CABLE DIAGRAM

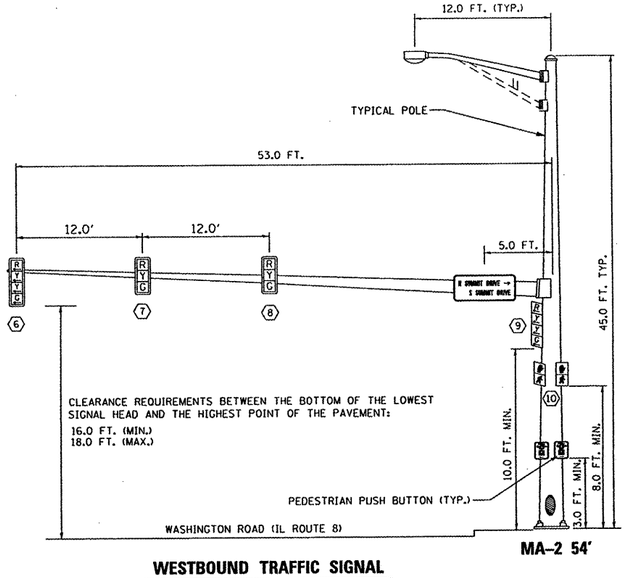
SCALE: N.T.S. | SHEET NO. 6 OF 7 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-0141-00-RS	TAZEWELL	187	92
		CONTRACT NO. 68258		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



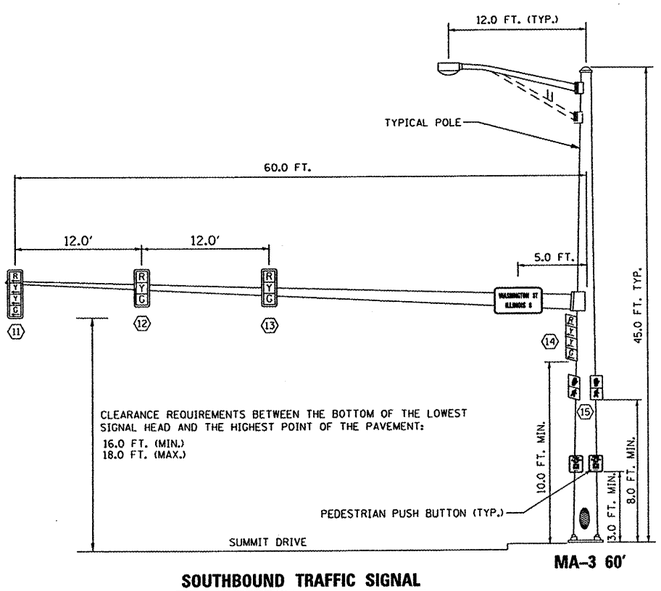
NORTHBOUND TRAFFIC SIGNAL

NORTHEAST CORNER OF IL 8 AND SUMMIT DR.



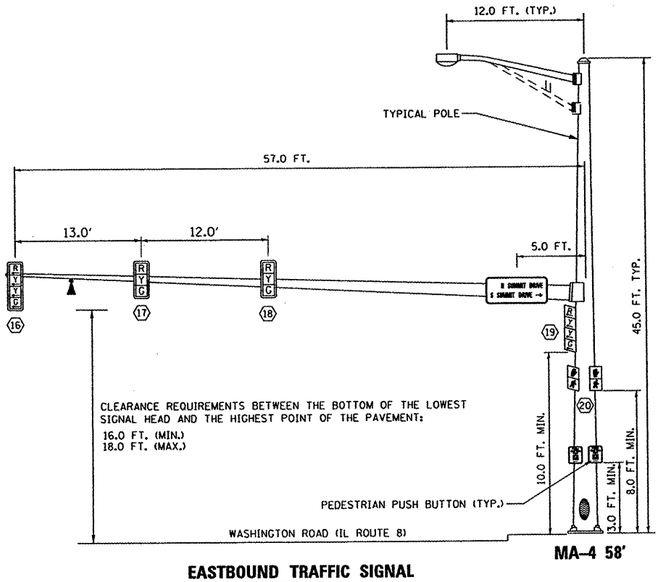
WESTBOUND TRAFFIC SIGNAL

NORTHWEST CORNER OF IL 8 AND SUMMIT DR.



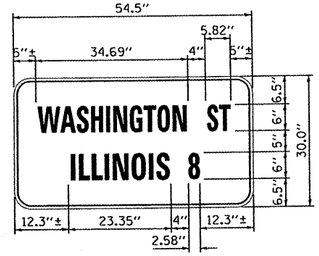
SOUTHBOUND TRAFFIC SIGNAL

SOUTHWEST CORNER OF IL 8 AND SUMMIT DR.

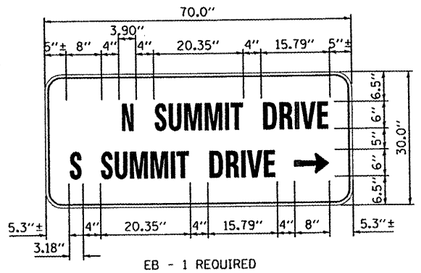


EASTBOUND TRAFFIC SIGNAL

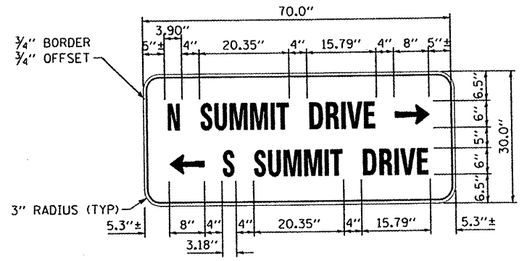
SOUTHEAST CORNER OF IL 8 AND SUMMIT DR.



NB & SB - 2 REQUIRED



EB - 1 REQUIRED



WB - 1 REQUIRED

MAST-ARM MOUNTED STREET NAME SIGN DETAIL

SIGN STYLE: F
TEXT: 6" HIGHT, SERIES B
TYPA A SHEETING REQUIRED
BORDER AND LEGEND:
3M DIAMOND GRADE VIP 3990 WHITE
BACKGROUND:
EX SERIES 1170 GREEN TRANSLUCENT (REVERSE IMAGE)

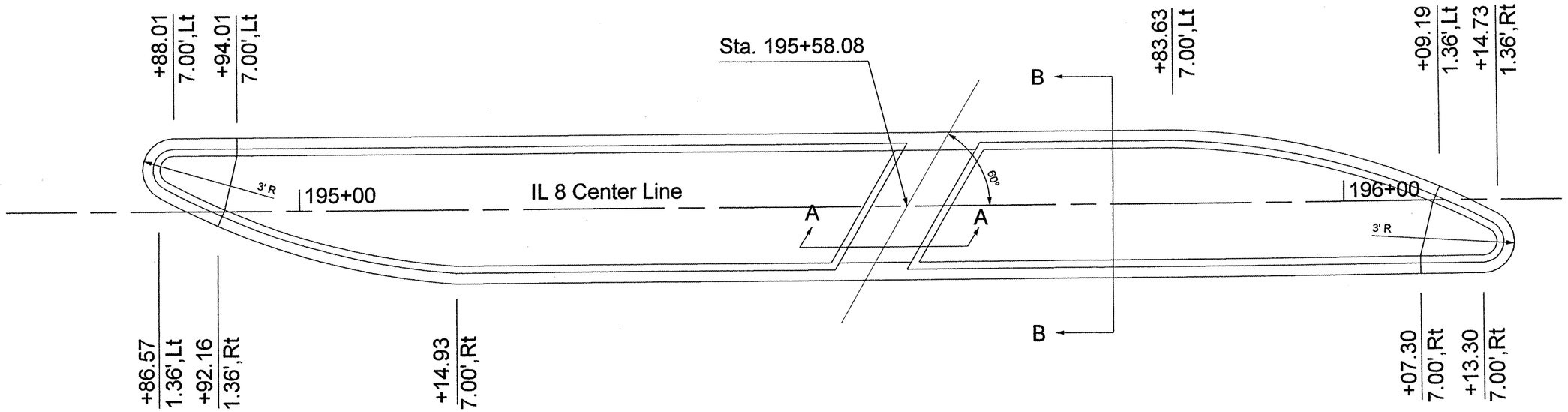
FILE NAME =	PLOT SCALE = $SCALE$	DESIGNED -	REVISED -
	PLOT DATE = $DATE$	DRAWN -	REVISED -
$FILEL$	PLOT TIME = $TIME$	CHECKED -	REVISED -
		DATE -	REVISED -

MAURER ▲ STUTZ, INC.
ENGINEERS SURVEYORS

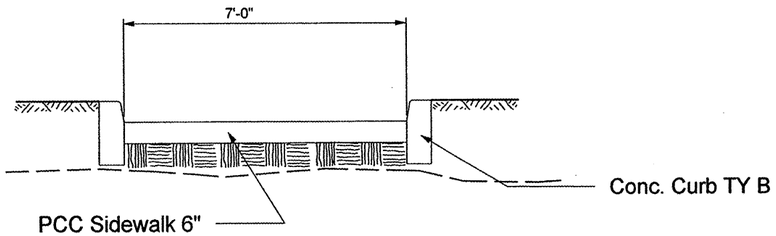
TRAFFIC SIGNAL PLANS
MAST ARM LOADING DETAIL

SCALE: N.T.S. | SHEET NO. 7 OF 7 SHEETS | STA. | TO STA.

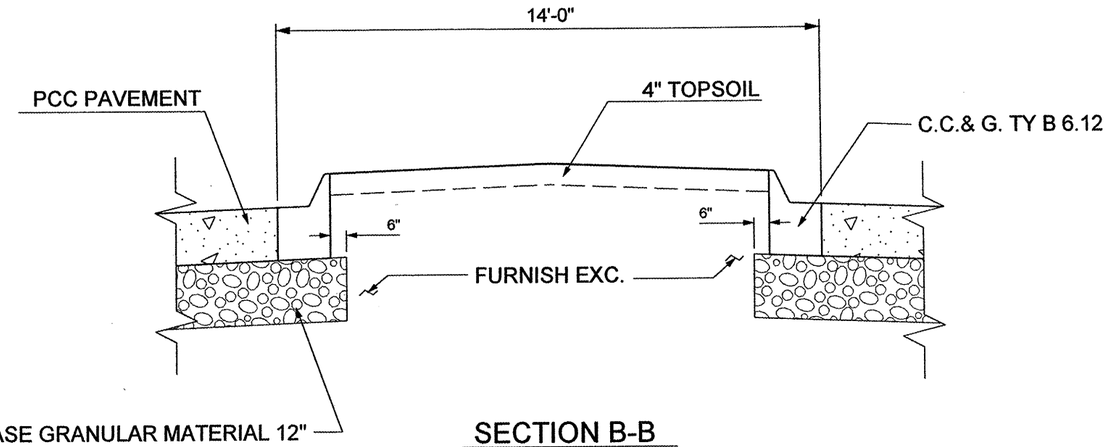
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	93
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



MEDIAN FROM STA. 194+84.89 TO 195+16.19



SECTION A-A
NOT TO SCALE



SECTION B-B
NOT TO SCALE

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		DRAWN -	REVISED -
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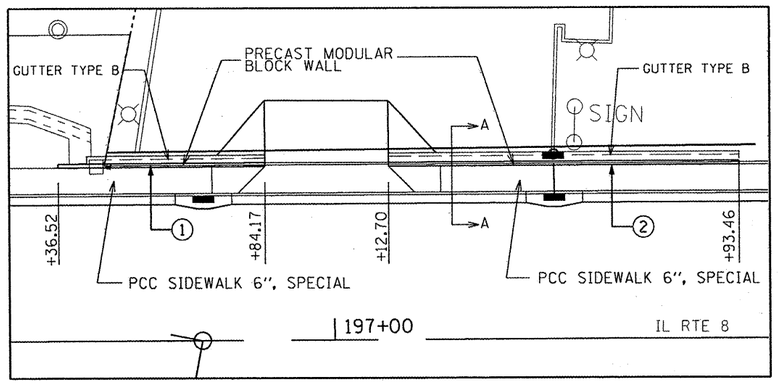
	PLOT DATE = $DATE$	DATE -	REVISED -

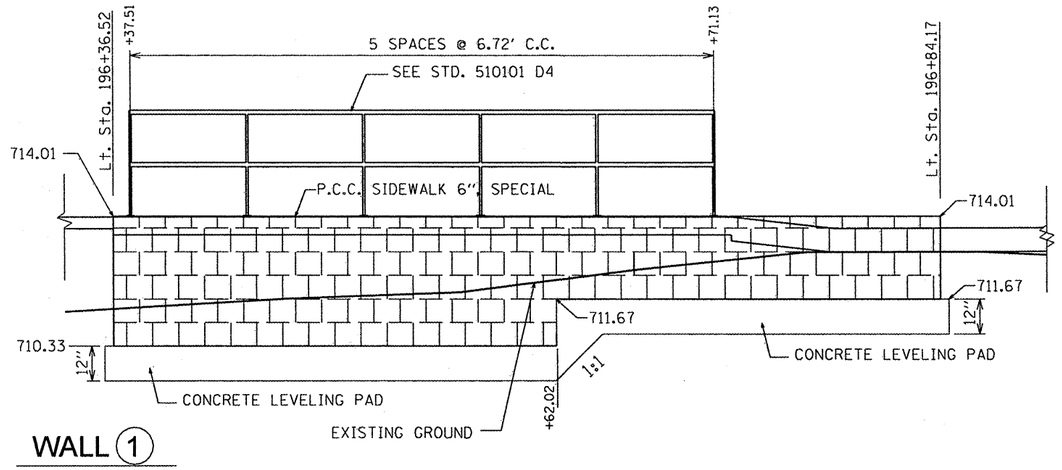
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 8
MEDIAN ISLAND DETAILS

SCALE: N.T.S. | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	94
		CONTRACT NO. 89352		
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT		





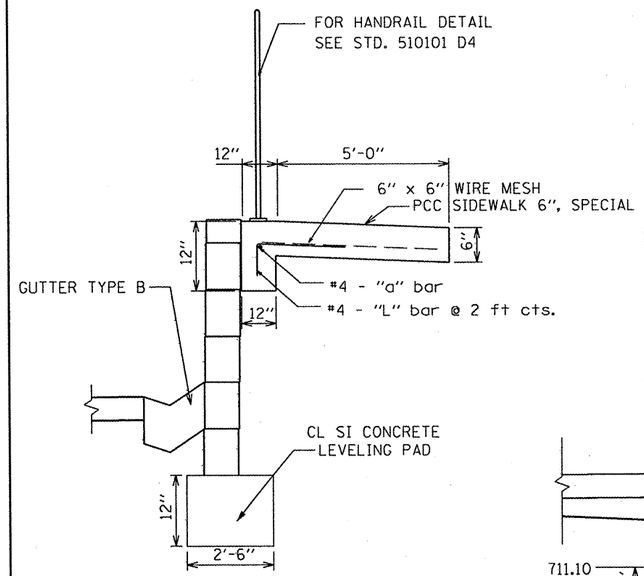
WALL (1)

BILL OF MATERIALS

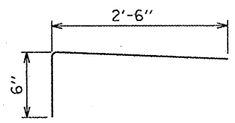
ITEM	UNIT	QUANTITY
PRECAST MODULAR BLOCK WALL	SQ FT	146.0
PCC SIDEWALK 6", SPECIAL	SQ FT	213.72
PIPE HANDRAIL	FOOT	33.6

Bar	No.	Size	Length	Shape
L	19	#4	3'-0"	⌐
a	1	#4	35'-3"	——
Reinforcement Bars			POUNDS	62

• For Information Only



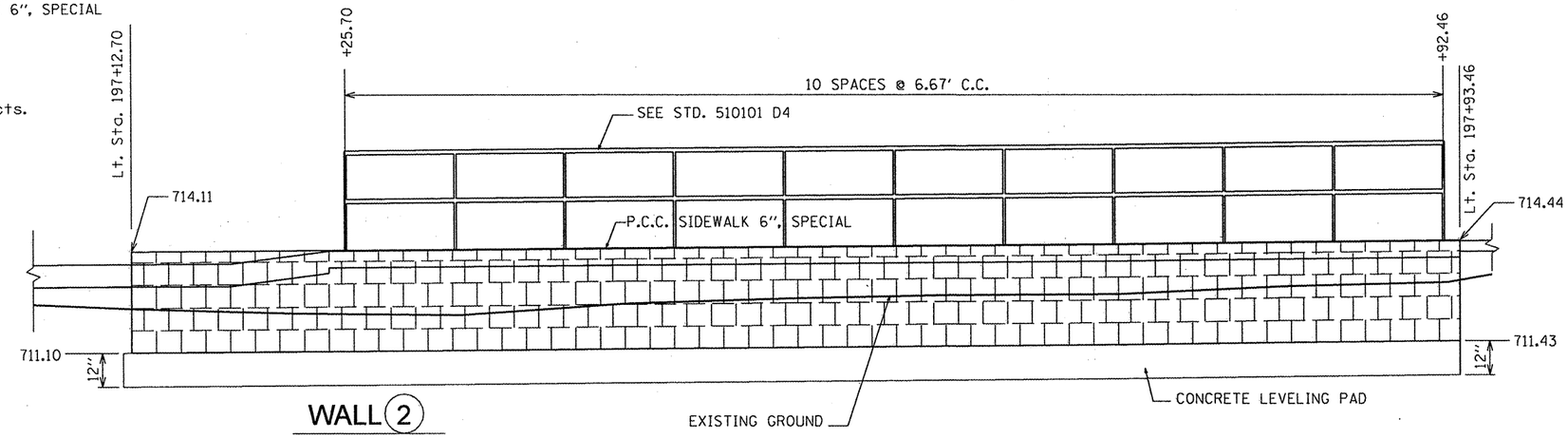
SECTION A - A



"L" - bar

NOTE:

See D4 Standard 660101 for pipe underdrain and behind the wall treatment



WALL (2)

BILL OF MATERIALS

ITEM	UNIT	QUANTITY
PRECAST MODULAR BLOCK WALL	SQ FT	243.0
PCC SIDEWALK 6", SPECIAL	SQ FT	412.56
PIPE HANDRAIL	FOOT	66.70

Bar	No.	Size	Length	Shape
L	35	#4	3'-0"	⌐
a		#4	68'-5"	——
Reinforcement Bars			POUNDS	116

• For Information Only

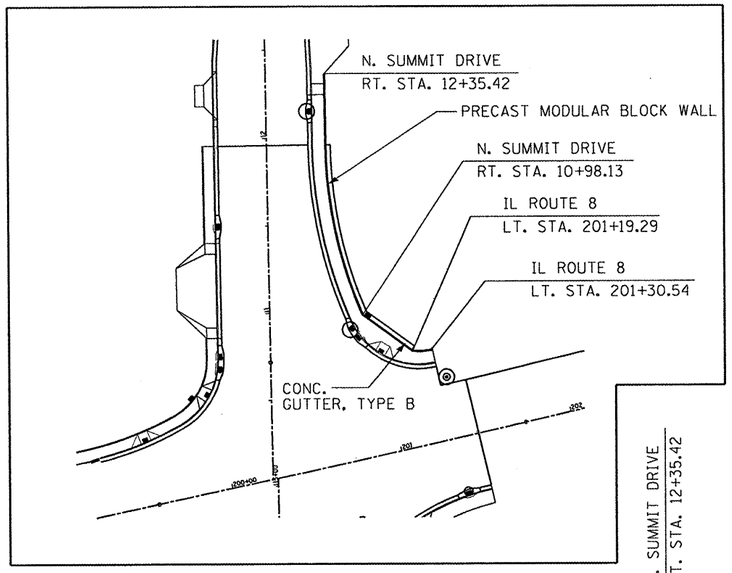
FILE NAME = $FILE1$	USER NAME = $USER$	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
	PLOT DATE = $DATE$	DATE -	REVISED -

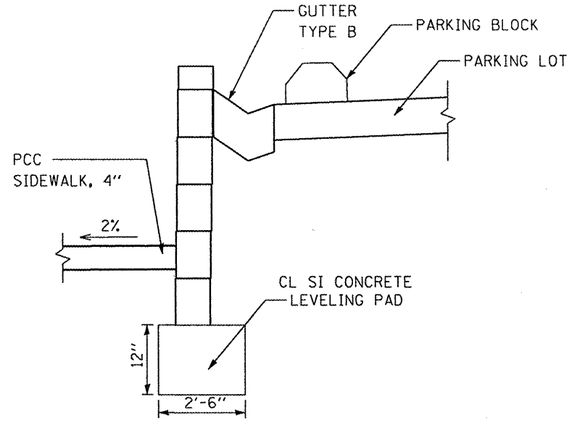
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PRECAST MODULAR BLOCK WALL DETAIL & PIPE HANDRAIL DETAIL

SCALE: | SHEET NO. 1 OF 2 SHEETS | STA. | TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	95
		CONTRACT NO. 89352		
		ILLINOIS FED. AID PROJECT		





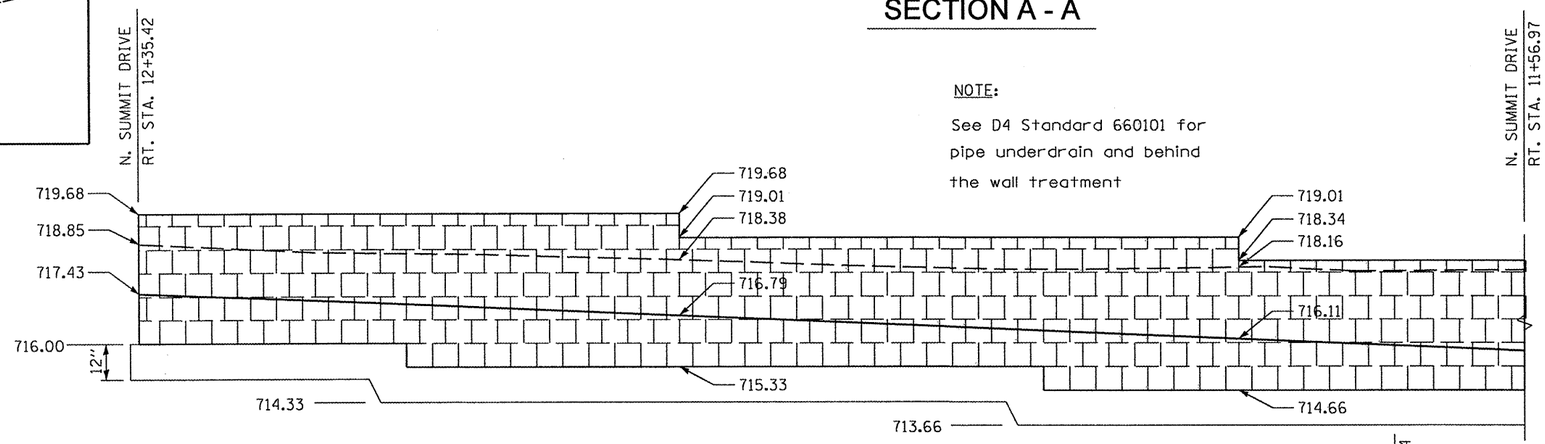
SECTION A - A

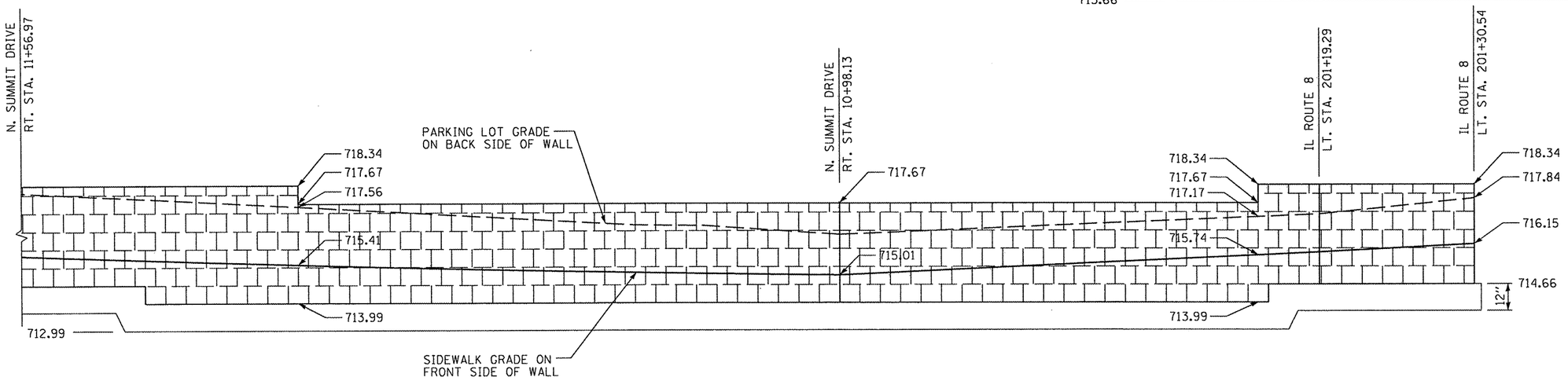
NOTE:

See D4 Standard 660101 for pipe underdrain and behind the wall treatment

BILL OF MATERIALS

ITEM	UNIT	QUANTITY
PRECAST MODULAR BLOCK WALL	SQ FT	713.9

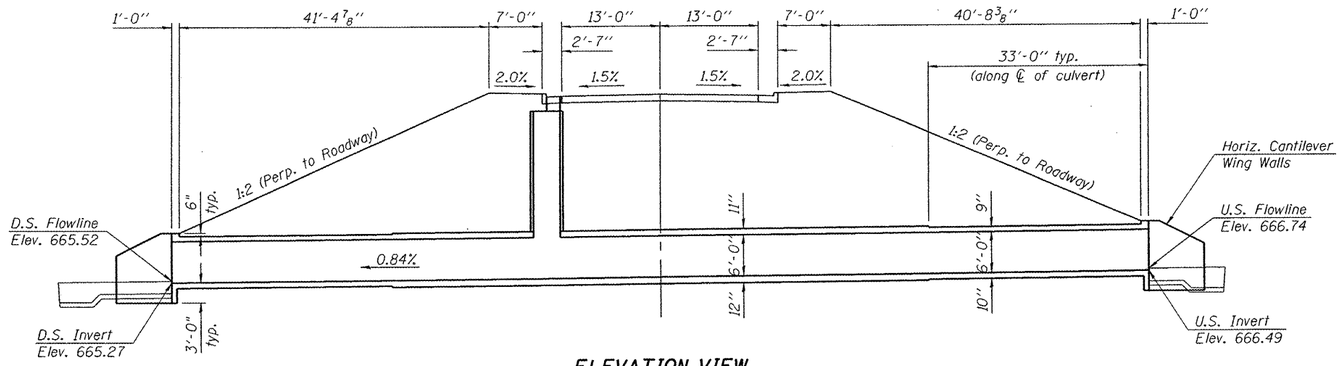




FILE NAME = $FILEL$	PLOT SCALE = $SCALE$	DESIGNED - RAW	REVISED -	MAURER ▲ STUTZ, INC. ENGINEERS SURVEYORS	PRECAST MODULAR BLOCK WALL DETAIL & PIPE HANDRAIL DETAIL	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT DATE = $DATE$	DRAWN - RAW	REVISED -			6775	04-00141-00-FP	TAZEWELL	187	96
	PLOT TIME = $TIME$	CHECKED - RJA	REVISED -					CONTRACT NO. 89352		
		DATE -	REVISED -		SCALE:	SHEET NO. 2 OF 2 SHEETS		FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT

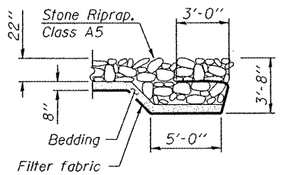
Benchmark:

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



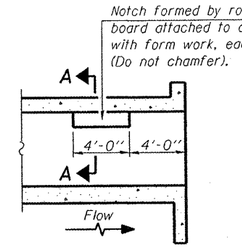
ELEVATION VIEW

(Horizontal dimensions & cross slopes at rt. L's to ℄ roadway unless noted otherwise)
Looking North

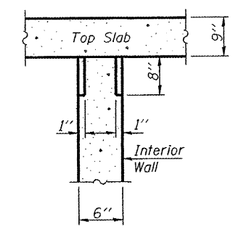


SECTION B-B

PLAN VIEW



LONGITUDINAL SECTION



SECTION A-A

PHOEBE NESTING SITE DETAILS

(Downstream End Only)

INDEX OF SHEETS

GENERAL NOTES

1. Reinforcing bars shall conform to the requirements of ASTM A 706 Grade 60. (IL. modified). See Special Provisions.
2. Precast alternate is not allowed.

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Stone Riprap, Class A5	Sq. Yd.	71
Filter Fabric	Sq. Yd.	71
Reinforcement Bars	Pound	34790
Concrete Box Culverts	Cu. Yd.	198.4

DESIGN SPECIFICATIONS

2002 AASHTO

LOADING HS20-44

Allow 50#/sq. ft. for future wearing surface.

DESIGN STRESSES

FIELD UNITS

f'c = 3,500 psi
fy = 60,000 psi (Reinforcement)

MAURER ▲ STUTZ, INC. ENGINEERS SURVEYORS

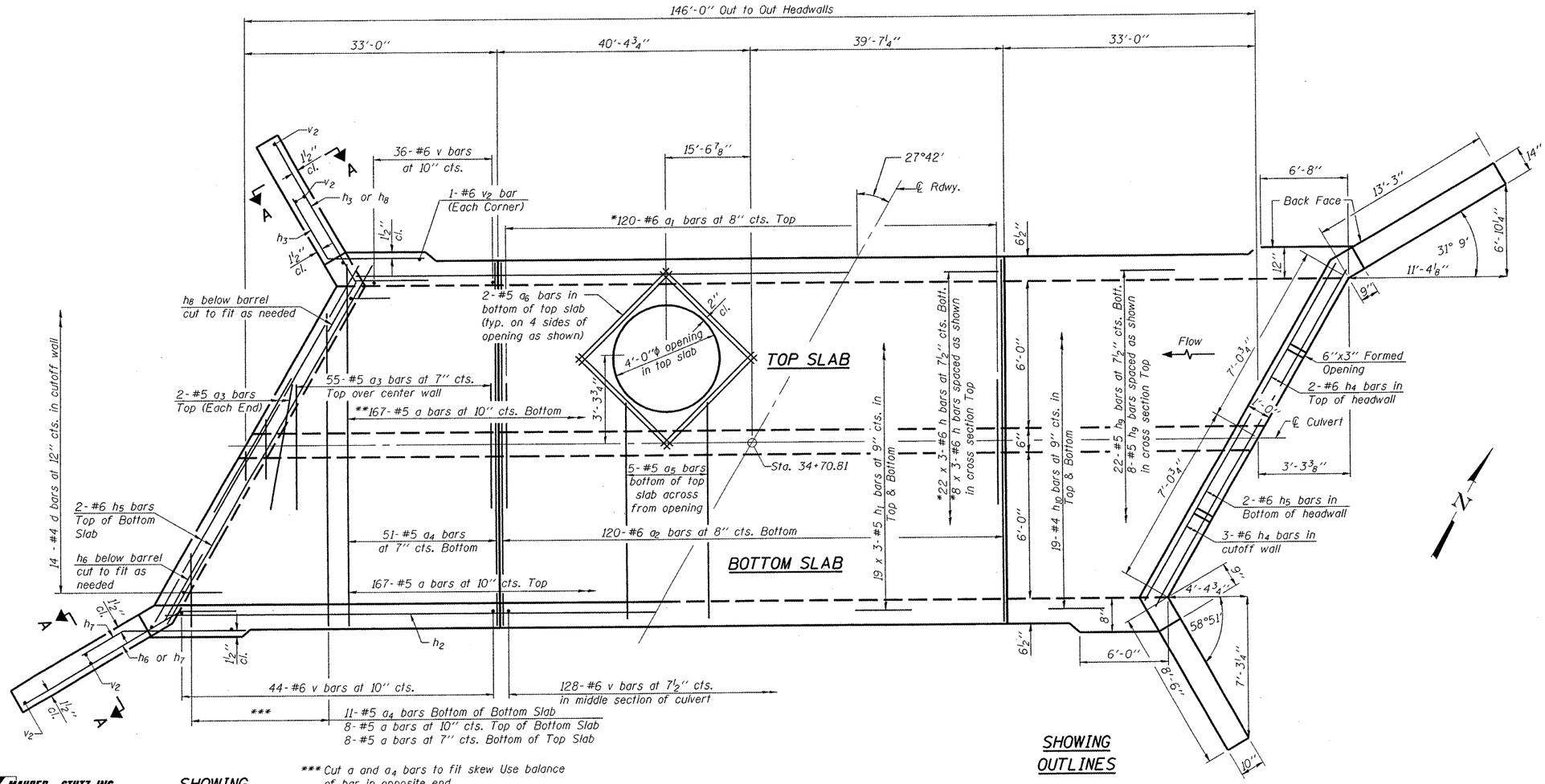
DESIGNED	JAE
CHECKED	BAS
DRAWN	SGM
CHECKED	BAS

GENERAL PLAN AND ELEVATION
SUMMIT DRIVE
F.A.U. 6774 SEC. 04-00141-00-FP
TAZEWELL COUNTY
STATION 34+70.81

SHEET NO. 1	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3 SHEETS	6775	04-00141-00-FP	TAZEWELL	187	97
			CONTRACT NO. 89352		
		ILLINOIS FED. AID PROJECT			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Notes: A distance of half the length of the wingwall but not less than six feet of the barrel shall be poured monolithically with the wingwalls.
Bars indicated thus 12 x 4-#5 etc. indicates 12 lines of bars with 4 lengths per line.



SHOWING REINFORCEMENT

SHOWING OUTLINES

PLAN

CULVERT PLAN

*** Cut a and a_4 bars to fit skew Use balance of bar in opposite end.

* Cut a_1 & h bars to avoid opening for manhole

** Shift a bars to avoid opening for manhole

MAURER & STUTZ, INC. ENGINEERS SURVEYORS

DESIGNED	JAE
CHECKED	BAS
DRAWN	SGM
CHECKED	BAS

SHEET NO. 2 3 SHEETS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	6775	04-00141-00-FP	TAZEWELL	187	98
			CONTRACT NO. 89352		
			ILLINOIS FED. AID PROJECT		

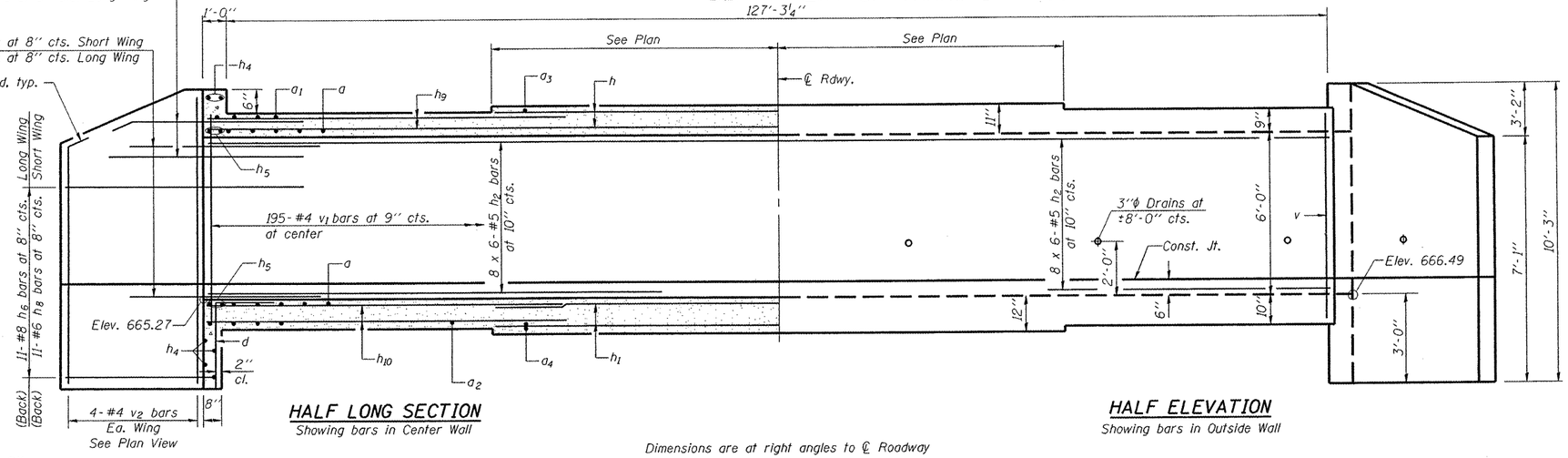
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Notes: Bars indicated thus 12 x 4-#5 etc. indicates 12 lines of bars with 4 lengths per line.

(Back)
4-#6 h_3 bars at 8" cts. Short Wing
4-#8 h_7 bars at 8" cts. Long Wing

(Front)
12-#6 h_3 bars at 8" cts. Short Wing
12-#8 h_7 bars at 8" cts. Long Wing

Bend in Field, typ.



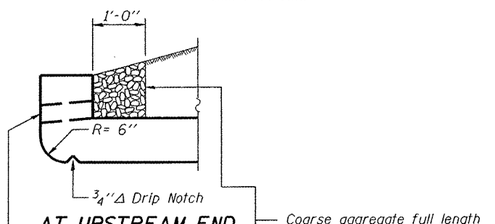
HALF LONG SECTION
Showing bars in Center Wall

HALF ELEVATION
Showing bars in Outside Wall

Dimensions are at right angles to ℄ Roadway

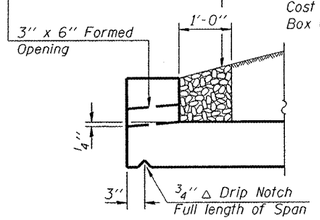
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a	350	#5	14'-9"	
a_1	120	#6	5'-2"	
a_2	120	#6	13'-3"	
a_3	114	#5	5'-2"	
a_4	113	#5	13'-3"	
a_5	5	#5	9'-2"	
a_6	8	#5	6'-0"	
d	28	#4	4'-6"	
h	90	#6	28'-0"	
h_1	114	#5	27'-10"	
h_2	144	#5	26'-3"	
h_3	32	#6	8'-0"	
h_4	10	#6	14'-9"	
h_5	8	#6	15'-7"	
h_6	22	#8	16'-3"	
h_7	32	#8	8'-0"	
h_8	22	#6	11'-6"	
h_9	60	#5	38'-1"	
h_{10}	76	#4	37'-9"	
v	416	#6	7'-3"	
v_1	195	#4	7'-3"	
v_2	16	#4	9'-11"	
Concrete Box Culverts			Cu. Yd.	198.4
Reinforcement Bars			Pound	34790



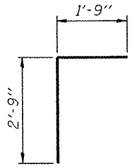
AT UPSTREAM END

Coarse aggregate full length of both headwalls. To be placed by Grading Contractor. Cost included with Concrete Box Culverts.

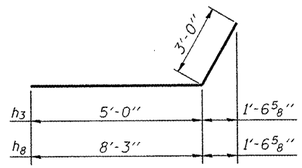


AT DOWNSTREAM END

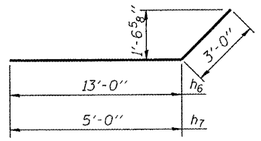
DRAIN DETAIL



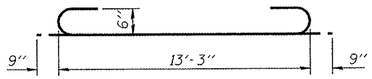
BAR d



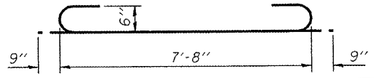
BARS h_3 & h_8



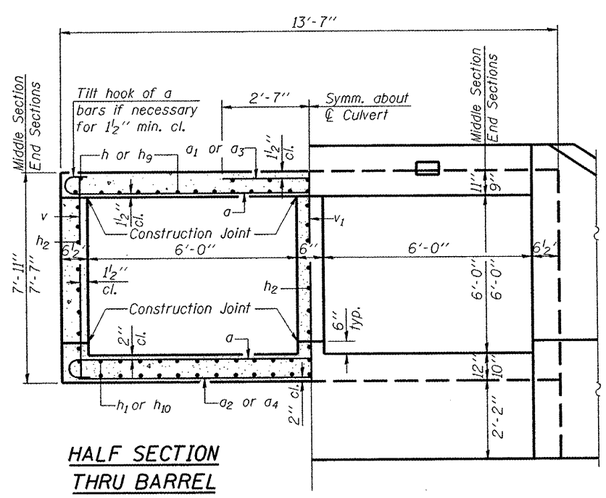
BARS h_6 & h_7



BAR a

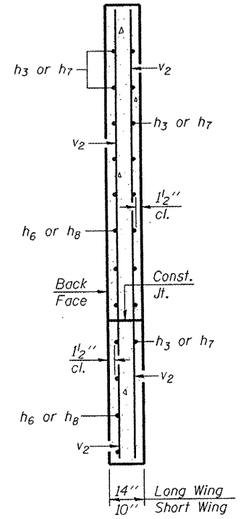


BAR a_5



HALF END ELEVATION

HALF SECTION THRU BARREL



SECTION A-A

CULVERT DETAILS

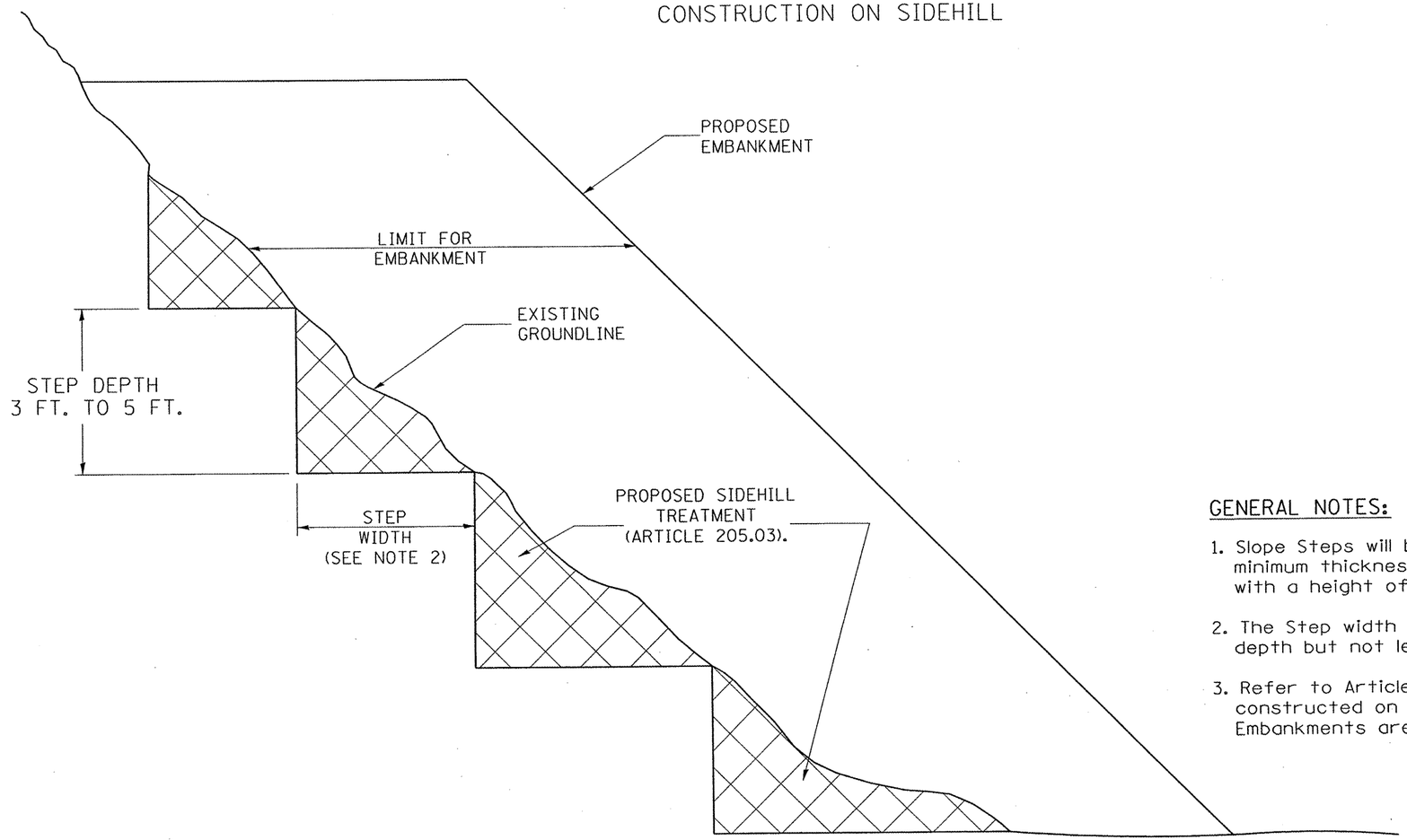
MAURER ▲ STUTZ, INC. ENGINEERS SURVEYORS

DESIGNED	JAE
CHECKED	BAS
DRAWN	SGM
CHECKED	BAS

SHEET NO. 3	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3 SHEETS	6775	04-00141-00-FP	TAZEWELL	187	99
			CONTRACT NO. 89352		
		ILLINOIS FED. AID PROJECT			

SLOPE STEPS DETAIL

TYPICAL CROSS-SECTION EMBANKMENT
CONSTRUCTION ON SIDEHILL



GENERAL NOTES:

1. Slope Steps will be required for all 300(12) minimum thickness "silver fills" and on a fills with a height of 3.0m(10').
2. The Step width shall be twice the Step depth but not less than 6 feet.
3. Refer to Article 205.03 for Embankment to be constructed on Hillside or Slopes, or if existing Embankments are to be widened.

REPLACEMENT MATERIAL:

STANDARD EMBANKMENT
(IN ACCORDANCE WITH
205 OF THE STANDARD SPECIFACATION).

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

FILE NAME = $FILEL$	PLOT SCALE = $SCALE$	DESIGNED - RAW	REVISED -
	PLOT DATE = $DATE$	DRAWN - RAW	REVISED -
	PLOT TIME = $TIME$	CHECKED - RJA	REVISED -
		DATE -	REVISED -

MAURER ▲ STUTZ, INC.
ENGINEERS SURVEYORS

SPECIAL DETAILS
SLOPE STEPS DETAIL

NO SCALE | CADD STD 205001-04

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	100
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		