6-17-05 Letting, Item 199

CONTRACT NO. 64A10

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	1

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PLANS

FOR INDEX OF SHEETS & STATE STANDARDS, SEE SHEET NO. 2

FAP ROUTE 595 (ILLINOIS ROUTE 84)
SECTION (2R) M&TS
PROJECT HS-0595(028)
HENRY COUNTY

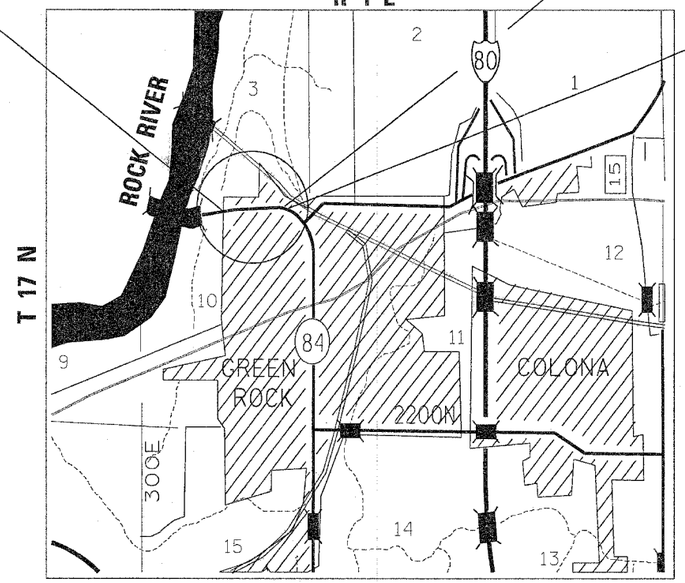
WIDENING, RESURFACING, AND INTERSECTION IMPROVEMENT

C-92-003-05

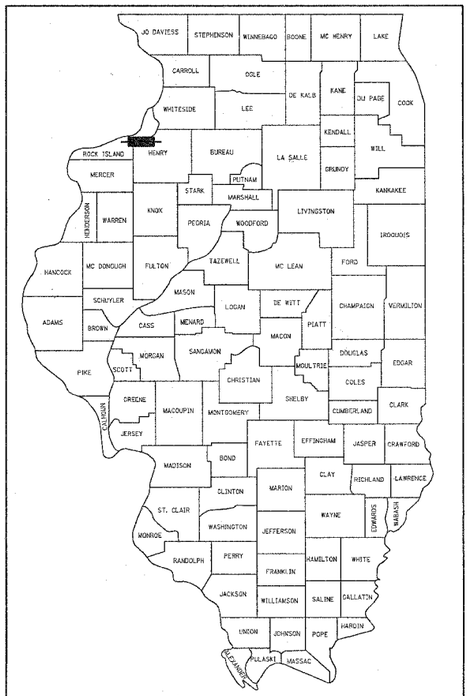
SECTION & IMPROVMENT ENDS
STA 125+27.94

SECTION BEGINS
STA 110+01.05

IMPROVEMENT BEGINS
STA 109+25.79



D-92-058-04



LOCATION OF SECTION INDICATED THUS:- ▬

100'	200'	300'	— 1"=	100'		
0 10'	20'	30'	— 1"=	10'		
0 50'	100'		— 1"=	50'		
0 50'	100'		— 1"=	40'		
0 50'	100'		— 1"=	30'		
0 50'	100'		— 1"=	20'		

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

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123

COLONA TOWNSHIP, SECTIONS 3,10

CONTRACT NO. 64A10

NET LENGTH OF PROJECT = 1526.89 LIN FEET = .29 MILES
GROSS LENGTH OF PROJECT = 1526.89 LIN FEET = .29 MILES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED 2-9-2005
Gregory L. Mountain
DISTRICT ENGINEER

May 13, 2005
Mike Nine
ENGINEER OF DESIGN AND ENVIRONMENT

May 13, 2005
Victor Modeer
DIRECTOR, DIVISION OF HIGHWAYS

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

DISTRICT 2
DIXON. IL

SQUAD LEADER: JENNIFER LUBBS (815)-284-5958

PROJECT ENGINEER: ROBERT WAGNER (815)-284-5358

CONTRACT NO. 64A10

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M &TS	HENRY	90	2
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

INDEX OF SHEETS

STATE STANDARDS

000001-04	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-02	TEMPORARY EROSION CONTROL SYSTEMS
420001-05	PAVEMENT JOINTS
424001-03	CURB RAMPS FOR SIDEWALKS
442101-05	CLASS B PATCHES
442201-01	CLASS C AND D PATCHES
542301	PRECAST REINFORCED CONCRETE FLARED END SECTION
602301	INLET, TYPE A
602401	MANHOLE, TYPE A
602406-01	MANHOLE, TYPE A, 1800 mm (72") DIAMETER
602601	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701	CAST IRON STEPS
604001-02	FRAME AND LIDS, TYPE 1
604036-01	GRATE, TYPE 8
606001-02	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
667101	PERMANENT SURVEY MARKERS
701006-02	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM EDGE OF PAVEMENT
701011-01	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701301-02	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-02	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701326-02	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS > 45 MPH
701501-03	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701701-04	URBAN LANE CLOSURE, MULTILANE INTERSECTION
702001-05	TRAFFIC CONTROL DEVICES
720001	SIGN PANEL MOUNTING DETAILS
720006	SIGN PANEL ERECTION DETAILS
720016-01	MAST ARM MOUNTED STREET SIGNS
780001-01	TYPICAL PAVEMENT MARKINGS
781001-02	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
805001	ELECTRICAL SERVICE INSTALLATION DETAILS
814001	CONCRETE HANDHOLES
814006	DOUBLE HANDHOLES
857001	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
877011-02	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE
878001-03	CONCRETE FOUNDATION DETAILS
880006	TRAFFIC SIGNAL MOUNTING DETAILS

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PLOT SCALE = 50.000 ' / IN.
REFERENCE = REF

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. HORIZ.
DATE
DRAWN BY
CHECKED BY

CONTRACT NO. 64A10

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M &TS	HENRY	90	3
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITES

	CODE NUMBER	ITEM	UNITS	URBAN TOTAL	90% FED 10% STATE ROADWAY I000-1A	90% FEDERAL 5% STATE 5% CITY SIGNALS Y031-1F
*	X0324887	CONDUIT INSTALLED, 2 1/2", NON-METALLIC	FOOT	33		33
*	X0324888	CONDUIT INSTALLED, 4", NON-METALLIC	FOOT	247		247
*	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	38	38	
*	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	132	132	
*	20101700	SUPPLEMENTAL WATERING	UNIT	64	64	
	20200100	EARTH EXCAVATION	CU. YD.	3349	3349	
*	20200200	ROCK EXCAVATION	CU. YD.	280	280	
	20201400	SUB-BASE GRANULAR MATERIAL, TYPE A	TON	4115	4115	
	20800150	TRENCH BACKFILL	CU. YD.	605	605	
	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ. YD.	4266	4266	
*	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ. YD.	7077	7077	
	25100630	EROSION CONTROL BLANKET	SQ. YD.	729	729	
*	25200110	SODDING, SALT TOLERANT	SQ. YD.	7077	7077	
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1300	1300	
	28000300	TEMPORARY DITCH CHECKS	EACH	40	40	
	28000400	PERIMETER EROSION BARRIER	FOOT	522	522	
	28000500	INLET AND PIPE PROTECTION	EACH	11	11	
	35101400	AGGREGATE BASE COURSE, TYPE B	TON	382	382	
	35300500	PORTLAND CEMENT CONCRETE BASE COURSE 10"	SQ. YD.	55	55	
	40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	5.4	5.4	
	40600300	AGGREGATE (PRIME COAT)	TON	11.9	11.9	

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REFERENCE = REF

CONTRACT NO. 64A10

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M &TS	HENRY	90	4
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITES

CODE NUMBER	ITEM	UNITS	URBAN TOTAL	90% FED 10% STATE ROADWAY I000-1A	90% FEDERAL 5% STATE 5% CITY SIGNALS Y031-1F
40600980	BITUMINOUS SURFACE REMOVAL - BUTT JOINT	SQ. YD.	102	102	
40600990	TEMPORARY RAMP	SQ. YD.	66	66	
40601000	BITUMINOUS REPLACEMENT OVER PATCHES	TON	242	242	
42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	SQ. YD.	910	910	
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ. FT.	573	573	
44000030	BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH)	SQ. YD.	1643	1643	
44000100	PAVEMENT REMOVAL	SQ. YD.	1147	1147	
44000122	BITUMINOUS REMOVAL OVER PATCHES 5 1/2"	SQ. YD.	787	787	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ. YD.	1887	1887	
44000500	COMBINATION CURB & GUTTER REMOVAL	FOOT	509	509	
44004250	PAVED SHOULDER REMOVAL	SQ. YD.	330	330	
44200156	PAVEMENT PATCHING, TYPE II, 13 INCH	SQ. YD.	20	20	
44200160	PAVEMENT PATCHING, TYPE III, 13 INCH	SQ. YD.	46	46	
44200162	PAVEMENT PATCHING, TYPE IV, 13 INCH	SQ. YD.	100	100	
44201007	CLASS B PATCHES, TYPE II, 13 INCH	SQ. YD.	61	61	
44213200	SAW CUTS	FOOT	324	324	
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	3054	3054	
48202310	BITUMINOUS SHOULDERS SUPERPAVE 5 1/2"	SQ. YD.	596	596	
50200400	ROCK EXCAVATION FOR STRUCTURES	CU. YD.	69	69	
542D1060	PIPE CULVERTS, CLASS D, TYPE 2 15"	FOOT	16	16	
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1	1	
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	626	626	

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REFERENCE = REF

CONTRACT NO. 64A10

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M &TS	HENRY	90	5
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITES

	CODE NUMBER	ITEM	UNITS	URBAN TOTAL	90% FED 10% STATE ROADWAY I000-1A	90% FEDERAL 5% STATE 5% CITY SIGNALS Y031-1F
	550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	184	184	
	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	729	729	
	550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	50	50	
*	56400100	FIRE HYDRANTS TO BE MOVED	EACH	1	1	
*	56400300	FIRE HYDRANTS TO BE ADJUSTED	EACH	1	1	
	60107600	PIPE UNDERDRAINS 4"	FOOT	108	108	
	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1	
	60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	3	
	60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	5	5	
	60242400	INLETS, SPECIAL	EACH	6	6	
	60242801	INLETS, SPECIAL, NO. 5	EACH	11	11	
	60242802	INLETS, SPECIAL, NO. 6	EACH	1	1	
	60242803	INLETS, SPECIAL, NO. 7	EACH	1	1	
	60255500	MANHOLES TO BE ADJUSTED	EACH	1	1	
	60265700	VALVE VAULTS TO BE ADJUSTED	EACH	4	4	
	60500040	REMOVING MANHOLES	EACH	4	4	
	60500060	REMOVING INLETS	EACH	1	1	
	60500065	REMOVING INLETS, SPECIAL	EACH	2	2	
	60600095	CLASS SI CONCRETE (OUTLET)	CU. YD.	1.2	1.2	
	60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	2572	2572	
*	66700305	PERMANENT SURVEY MARKERS, TYPE II	EACH	2	2	
*	66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1	
	66900530	SOIL DISPOSAL ANALYSIS	EACH	2	2	

* SPECIALTY ITEMS

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REFERENCE = REF

CONTRACT NO. 64A10

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M &TS	HENRY	90	6
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITES

	CODE NUMBER	ITEM	UNITS	URBAN TOTAL	90% FED 10% STATE ROADWAY I000-1A	90% FEDERAL 5% STATE 5% CITY SIGNALS Y031-1F
	66901000	BACKFILL PLUGS	CU YD	8	8	
	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL. MO.	5	5	
	67100100	MOBILIZATION	L. SUM	1	1	
	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	124	124	
*	70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L. SUM	1	1	
*	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L. SUM	1	1	
*	70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L. SUM	1	1	
*	70103815	TRAFFIC CONTROL SURVEILLANCE	CAL. DA.	50	50	
	70300100	SHORT-TERM PAVEMENT MARKING	FOOT	1893	1893	
	70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ. FT.	210	210	
*	72000100	SIGN PANEL - TYPE 1	SQ. FT.	51		51
*	73000100	WOOD SIGN SUPPORT	FOOT	60		60
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ. FT.	94	94	
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	6366	6366	
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	116	116	
*	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	248	248	
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	434	434	
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	93	93	
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	84	84	
*	80501000	SERVICE INSTALLATION (SPECIAL)	EACH	1		1
*	81012500	CONDUIT IN TRENCH, 1 1/2" DIA., PVC	FOOT	10		10
*	81400400	CONCRETE HANDHOLE	EACH	3		3
*	81400600	CONCRETE DOUBLE HANDHOLE	EACH	1		1

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REFERENCE = REF

CONTRACT NO. 64A10

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M &TS	HENRY	90	7
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITES

	CODE NUMBER	ITEM	UNITS	URBAN TOTAL	90% FED 10% STATE ROADWAY I000-1A	90% FEDERAL 5% STATE 5% CITY SIGNALS Y031-1F
*	81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	1036		1036
*	82103250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTO-CELL CONTROL, 250 WATT	EACH	4		4
*	85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1		1
*	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	141		141
*	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	161		161
*	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1050		1050
*	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	565		565
*	87301815	ELECTRIC CABLE IN CONDUIT, SERVICE NO. 6 3C	FOOT	20		20
*	87702920	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 38 FT.	EACH	3		3
*	87702985	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT.	EACH	1		1
*	87800200	CONCRETE FOUNDATION, TYPE D	FOOT	3.5		3.5
*	87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	40.5		40.5
*	87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	15		15
*	88200400	TRAFFIC SIGNAL BACKPLATE, FORMED PLASTIC	EACH	10		10
*	88800100	PEDESTRIAN PUSH-BUTTON	EACH	2		2
*	Z0013798	CONSTRUCTION LAYOUT	L. SUM	1	1	
	Z0017100	DOWEL BARS	EACH	112	112	
	Z0023600	FILLING EXISTING CULVERTS	EACH	1	1	
	Z0028415	GEOTECHNICAL REINFORCEMENT	SQ. YD.	166	166	
	Z0028700	GRANULAR SUBGRADE REPLACEMENT	CU. YD.	28	28	
	Z0056900	SANITARY SEWER 8"	FOOT	60	60	

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CONTRACT NO. 64A10

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M &TS	HENRY	90	8
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITES

	CODE NUMBER	ITEM	UNITS	URBAN TOTAL	90% FED 10% STATE ROADWAY I000-1A	90% FEDERAL 5% STATE 5% CITY SIGNALS Y031-1F
	Z0065740	SLOTTED DRAIN 12" WITH VARIABLE SLOT	FOOT	123	123	
	Z0075300	TIE BARS	EACH	76	76	
*	A2006514	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	9	9	
	XX146400	STORM SEWER REMOVAL	FOOT	313	313	
	X0301828	ENGINEERED BARRIER	SQYD	79	79	
*	X0320872	VIDEO VEHICLE DETECTION SYSTEM, 4 CAMERA	EACH	1		1
*	X0322033	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	560	560	
*	X0323153	ELECTRIC CABLE IN CONDUIT, GROUND, NO. 6 1C (GREEN)	FOOT	438		438
	X0323691	MONITORING WELL ABANDONMENT	EACH	3	3	
*	X0962500	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	L. SUM	1		1
	X4066414	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50	TON	115	115	
	X4066524	POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N50	TON	645	645	
	X4066614	BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N50	TON	1571	1571	
	X4066905	POLYMERIZED LEVELING BINDER (MACHINE METHOD), SUPERPAVE N50	TON	462	462	
	X4080020	INCIDENTAL BITUMINOUS SURFACING, SUPERPAVE, N50	TON	115	115	
	X5011100	FOUNDATION REMOVAL	EACH	1	1	
*	X8801310	SIGNAL HEAD ,POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	8		8
*	X8801395	SIGNAL HEAD ,POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2		2
*	X8801400	SIGNAL HEAD ,POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	2		2
*	X8810395	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED	EACH	2		2

*SPECIALTY ITEMS

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REFERENCE = REF

GENERAL NOTES

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 595 (IL 84)	(2R)M&TS	Henry	90	9
FED ROAD DIST. NO.	ILLINOIS	PROJECT		
Contract #64A10				

Program #5
(Arch. Size)
Enlarge
200%
Enlarge 107%

See cross sections for special ditches and backslopes.

The removal of Bituminous Surfacing not on a rigid type base removed in conjunction with the base shall be removed as EARTH EXCAVATION. The removal of Bituminous Surfacing on a rigid type base removed in conjunction with the base shall be included in the contract unit price for PAVEMENT REMOVAL of the type specified.

Fertilizer Nutrients shall be applied at the rate specified in Sections 250 and 252 of the Standard Specifications. This shall be included in the cost of the SODDING.

Subbase Drains and Underdrain Specials shall be fully installed, operational, and outleted prior to the placement of any related pavement structure.

Previously pugmilled stockpiles of "Type A" older than 1 month will not be approved for use until a moisture check is run to verify moisture content. Material shipped to projects without being tested will not be accepted.

The subgrade on this project, exclusive of rock cut areas is scheduled to be improved to a 300 mm (12") depth according to Mechanistic Pavement Design. The areas scheduled to be improved to a depth greater than 300 mm (12") are estimated based on the original geotechnical investigation. The subgrade shall be processed in accordance with Article 301.03 of the Standard Specifications before the engineer shall determine the limits and the additional thickness of improvement required, if any.

Except for the top 75 mm (3"), all aggregate bases and subbases 300 mm (12") in thickness shall be constructed of aggregate gradation CA-2. If the specified thickness exceeds 300 mm (12"), the bases or subbases shall be constructed of topsize 150 mm (6") breaker-run crushed stone with 70% to 90% by weight, passing the 4" sieve and 15% to 40% by weight, passing the 50 mm (2") size sieve, except for the top 75 mm (3"). The breaker-run crushed stone shall be reasonably uniformly graded from coarse to fine and be taken from a quarry ledge capable of producing Class "D" quality aggregate. The top 75 mm (3") shall be gradation CA-6 or CA-10 regardless of thickness. The water necessary to achieve compaction in all but the top 75 mm (3") layer may be added after the subbase or base course is placed on the grade.

When laying out for patching, the minimum distance between new patches (saw cut to saw cut) shall be 4.6 m (15 feet). When patch spacing is less than 4.6 m (15 feet), the pavement between patches shall also be removed and replaced.

All mandatory joint sealing for Class B patches as shown on the plans will not be measured for payment. Optional sawing of the joint for the sealant reservoir will not be measured for payment.

For all concrete patching that will not be resurfaced, the concrete shall be struck off flush with the existing pavement surface at each end of the patch.

The Engineer reserves the right to check all patches for smoothness by the use of a 10' rolling straight edge set to a 3/16" tolerance in the wheel paths. Any patch areas higher than 3/16" must be ground smooth with an approved grinding device consisting of multiple saws. The use of bushhammer or other impact devices will not be permitted. Any patch with depressions greater than 3/16" shall be repaired in a manner approved by the Engineer.

The mandatory saw cuts for pavement patching are:

Class B Patch: Cut two transverse saw cuts outlining the patch and one transverse pressure relief saw cut. The longitudinal edges of the patch shall be cut full depth. When the patch is adjacent to a pcc shoulder, two saw cuts along the shoulder will be required.

The mandatory saw cuts will be paid for at the contract unit price per Meter (Foot) for SAW CUTS.

The minimum patch dimension for full-depth Pavement Patching 13 inch will be as shown on State Standard 442201.

Cost of removal and disposal of material from the temporary patch shall be included in AGGREGATE BASE COURSE, TYPE B.

The existing bituminous surface on private and commercial entrances shall be bladed off or milled and disposed of outside the project limits. The cost of the blading, milling, rolling, and disposal is included in the contract unit price for INCIDENTAL BITUMINOUS SURFACING.

The following Mixture Requirements are applicable for this project:

Mixture Uses(s):	Surface	Level Binder	Top Shldr.	Bottom Shldr.	Bit. Repl. Over Patches & Bit. Bind. Course
PG:	PG 64-22	PG 64-22	PG 58-22	PG 58-22	PG 64-22
RAP%: (Max)	15	25	30	50	25
Design Air Voids	4.2 @ N50	4.2 @ N50	3 @ N50	2 @ N50	4.2 @ N50
Mixture Composition (Gradation Mixture)	IL 9.5 or 12.5	IL 9.5	IL 9.5 or 12.5	BAM	IL 19.0
Friction Aggregate	D	N/A	C	N/A	N/A
20 Year ESAL	2.2	2.2	N/A	N/A	N/A

The Contractor will be required to furnish 140 mm (5 1/2") high brass stencils as approved by the Engineer and install stationing at 250' intervals. Stationing shall be placed on both lanes of 2-lane highways and on the outside lanes in both directions on 4-lane highways. The stations shall be placed 150 mm (6") inside the pavement marking edge so they can be read from the shoulder. This work will be included in the cost of the final pavement surface.

Reflective Crack Control shall be placed on the existing surface prior to any resurfacing, unless pavement is milled then it will be placed on the binder course.

The Contractor shall remove all entrance culverts in condition for reuse which are not to be left in place. They shall be cleaned and stored along the right of way as directed. In no case shall they be roughly handled or shoved by heavy machinery. Unusable material shall be disposed of by the Contractor at his expense. Cost of the work to be included in the contract unit price for EARTH EXCAVATION.

GENERAL NOTES

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 595 (IL 84)	(2R)M&TS	Henry	90	10
FED ROAD DIST. NO.	ILLINOIS	PROJECT		
Contract #64A10				

It is anticipated that several mailboxes will require relocation to the approach side of the entrances. When this is done, the contractor shall be required to mount the mailbox on a 100 mm x 100 m (4" x 4") wood post 1 m (40 inches) above the shoulder surface and extending to a minimum of 0.6 m (24 inches) into the embankment. This work shall be included in the contract unit price for the EARTH EXCAVATION. There are an estimated 5 mailboxes to be relocated.

If, during the grinding or resurfacing operations, the existing mailboxes become a hindrance, the Contractor shall be required to carefully remove and reinstall the mailboxes as directed by the Engineer. This work shall be included in the contract unit price for the INCIDENTAL BITUMINOUS SURFACING.

Program #5
(Arch. Size)
Enlarge
200%
Enlarge 107%

All frames and grates of drainage structures to be removed or filled shall be carefully salvaged and shall remain the property of the State.

The cost of making sewer connections to existing drainage structures shall be included in the various contract unit prices for STORM SEWER.

Valve Boxes shall be adjusted to the final grade as shown on the plans. The cost of adjusting Valve Boxes shall not be paid for separately but shall be included in the contract unit price for the various items of work.

Lateral distances from the centerline on all inlets are to the face of the inlet.

The new manhole lids on this project shall have the word "STORM", "SANITARY", or "WATER" on the lid. The word to be used is noted on the plans. It will be the Contractor's responsibility to determine the word to be used on other lids not noted on the plans. No additional compensation will be allowed for this work.

All proposed manholes on this project shall be cast in place or precast. This work will be paid for at the contract unit price Each for MANHOLE of the type and size specified.

Pavement Marking shall be done according to Standard 780001, except as follows:

1. All words, such as ONLY, shall be 2.4 m (8 feet) high.
2. All non-freeway arrows shall be the large size.
3. The distance between yellow no-passing lines shall be 200 mm (8"), not 180 mm (7") as shown in the detail of Typical Lane and Edge Lines.

Any subcontractor chosen to do special or hazardous waste management must be on the State Fire Marshall's currently approved list of qualified contractors to do such work. Prior to any involvement with special or hazardous waste, the prime contractor shall notify the District Environment Unit Hazardous Waste Coordinator who this designated sub-contractor is and furnish five projects this sub-contractor has successfully concluded, including the IEPA incident number. The District will then confirm the successful conclusion of these projects by reviewing the IEPA data base. Only after approval from the District Environment Unit will the sub-contractor be authorized to proceed with any involvement with special/hazardous waste.

The Contractor shall be responsible for protecting utility property during construction operations as outlined in Article 107.31 of the Standard Specifications. A minimum of 48 hours advance notice is required for non-emergency work. The JULIE number is 800-892-0123. The following listed utilities located within the project limits or immediately adjacent to the project construction limits are members of JULIE:

Geneseo Telephone Co.
MidAmerican Energy Co.
Village of Colona
SBC/Ameritech Telephone Co.
MCI World Com

Following are the known utilities located within the project limits or immediately adjacent to the project construction limits which are not members of JULIE and should be notified individually by the contractor:

Mr. Dennis Schultz
IDOT – District 2
819 Depot Avenue
Dixon, IL 61021

Tie bars shall be installed to tie PCC appurtenance to adjacent existing concrete pavement.

Tie the following to the existing concrete pavement		Length, size, and spacing of Tie Bars
Gutter or Curb & Gutter	Std. 606001	600 mm (24") long No. 20 (No. 6) @ 600 mm (24") centers
PCC Base Course	Std. 353001	600 mm (24") long No. 20 (No. 6) @ 750 mm (30") centers

Permanent Survey Markers, Type II shall be cast-in-place as shown on Highway Standard 667101.

Permanent Survey Markers, Type II placed in urban areas should be placed in sidewalk areas. The marker shall be placed as shown on Highway Standard 667101. The sidewalk shall be placed around the marker and flush with the top.

The Contractor shall submit to the Engineer a description of location, elevation, and coordinates for each permanent survey marker. The Engineer shall submit this information to the Survey Crew.

Tie bars to be installed in accordance with the applicable portions of Article 420.10(b) of the Standard Specifications. See Highway Standard 420001 for detail on longitudinal construction joint grouted-in-place tie bar. The cost of the tie bars to be included in the cost of the PCC appurtenance adjacent to the existing pavement.

Additional concrete used between the new Combination Concrete Curb and Gutter, Type B6.24 and the existing edge of pavement on the LT shall be included in the cost of Combination Concrete Curb and Gutter, Type B6.24.

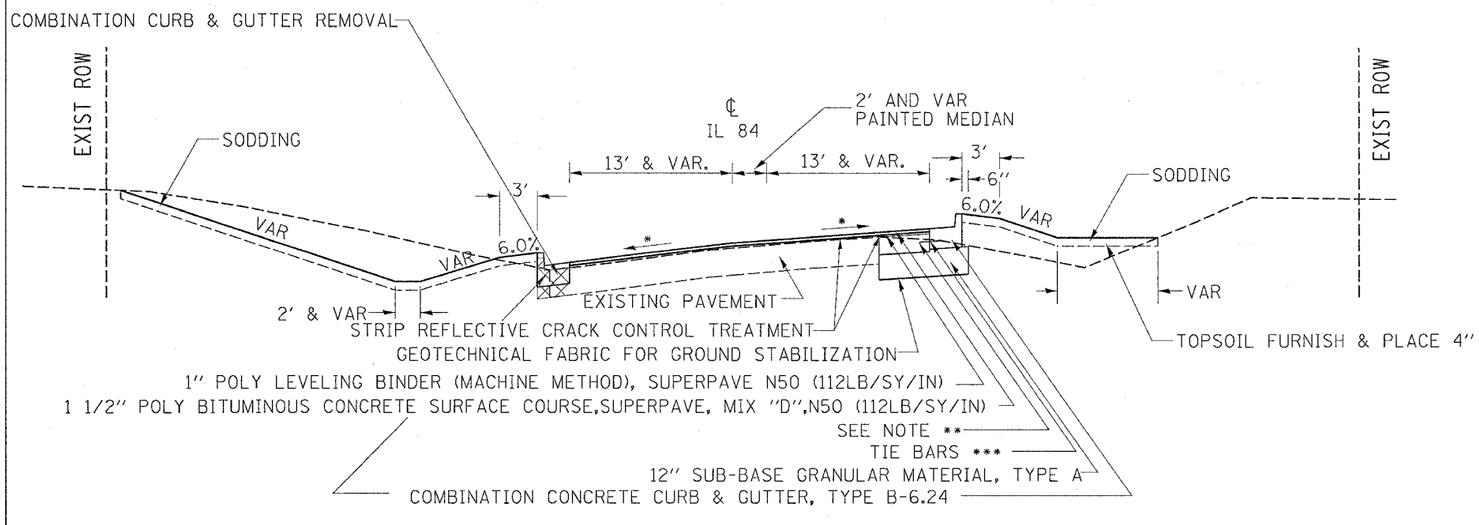
CADD data will be available to Contractors and Consultants working on this project. This information will be provided upon request as MicroStation CADD files and Geopak coordinate geometry files ONLY. If data is required in other formats it will be your responsibility to make these conversions. If any discrepancy or inconsistency arises between the electronic data and the information on the hard copy, the information on the hard copy should be used. Contact the District's Project Engineer to request these files.

CONTRACT NO. 64A10

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	11
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

TYPICAL SECTIONS

IL 84 110+01 TO 111+52

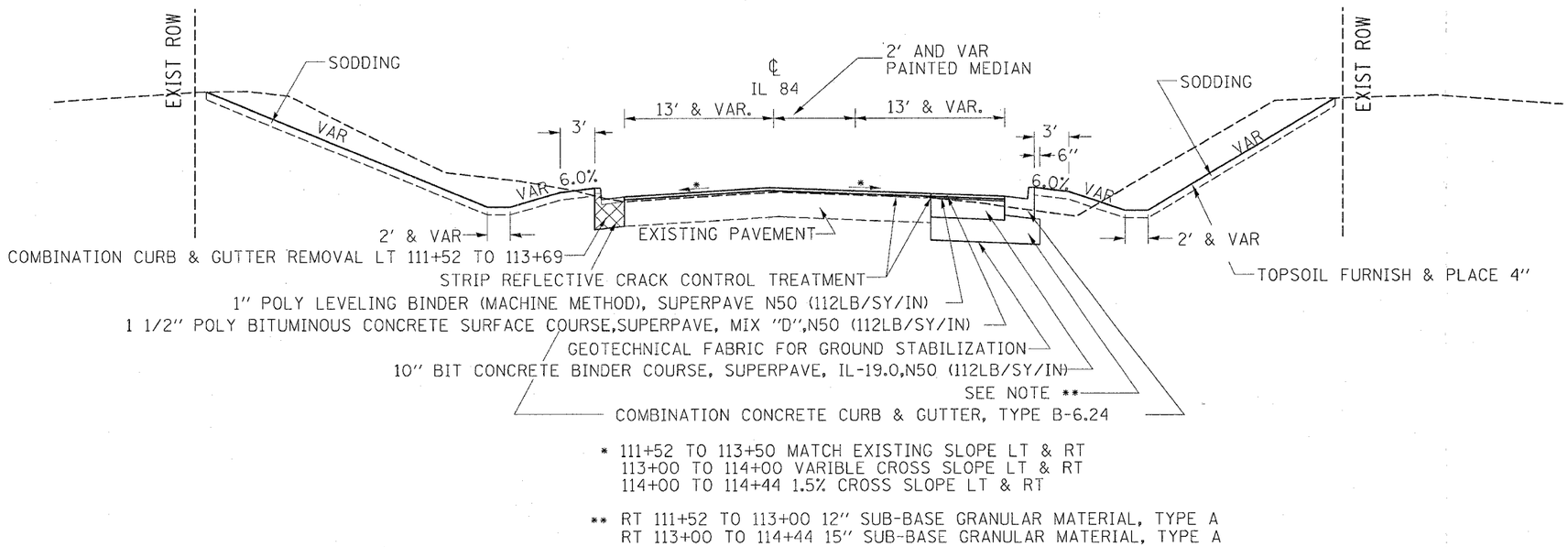


* MATCH EXISTING SLOPE THRU SUPER ELEVATION AREA

** RT 110+01 TO 111+00 PCC BASE COURSE 10"
RT 111+00 TO 111+52 10" BIT CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0,N50 (112LB/SY/IN)

*** RT 110+01 TO 111+00

IL 84 111+52 TO 114+44



* 111+52 TO 113+50 MATCH EXISTING SLOPE LT & RT
113+00 TO 114+00 VARIBLE CROSS SLOPE LT & RT
114+00 TO 114+44 1.5% CROSS SLOPE LT & RT

** RT 111+52 TO 113+00 12" SUB-BASE GRANULAR MATERIAL, TYPE A
RT 113+00 TO 114+44 15" SUB-BASE GRANULAR MATERIAL, TYPE A

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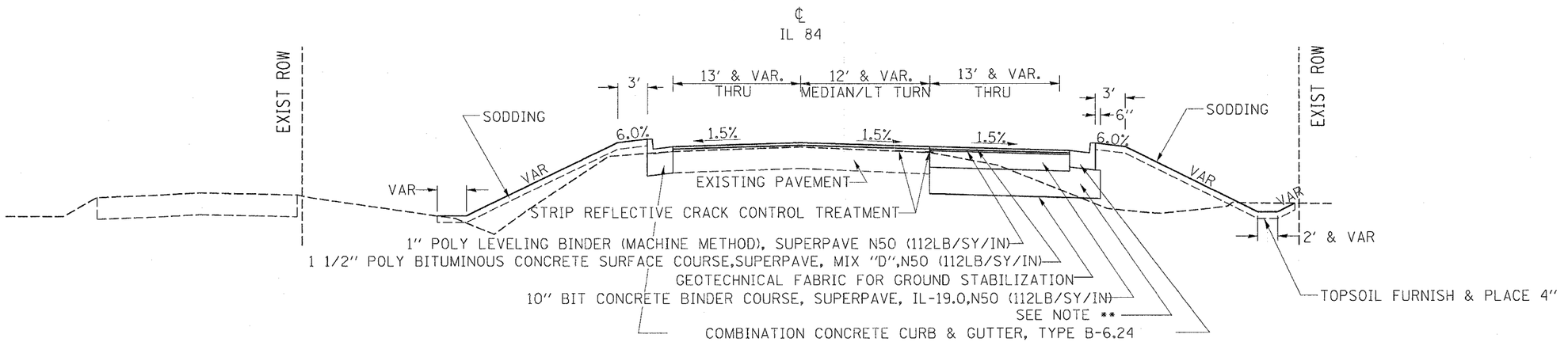
REFERENCE = REF

CONTRACT NO. 64A10

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	12
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

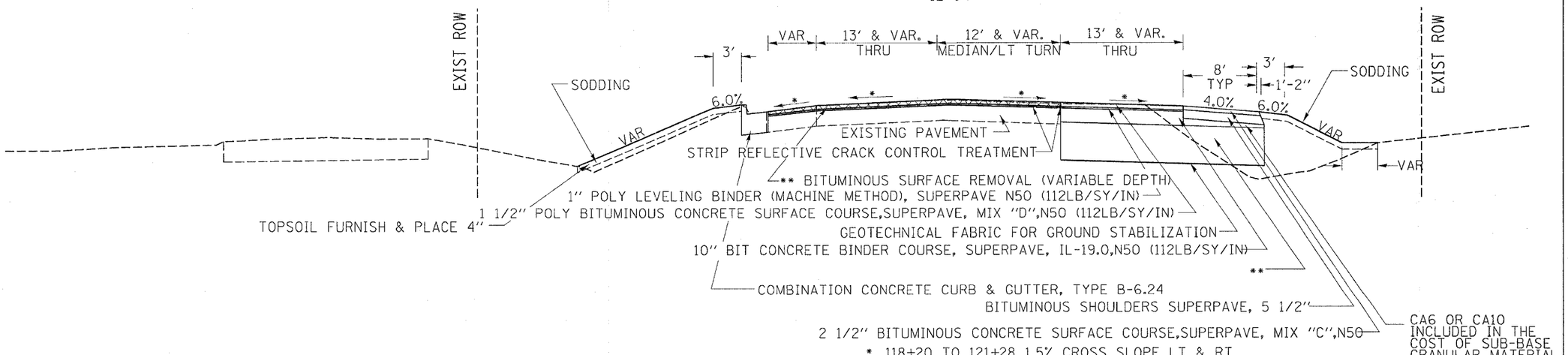
TYPICAL SECTIONS

IL 84 114+44 TO 118+20



** RT 114+44 TO 118+20 15" SUB-BASE GRANULAR MATERIAL, TYPE A

IL 84 118+20 TO 121+78



* 118+20 TO 121+28 1.5% CROSS SLOPE LT & RT
121+28 TO 121+78 VARIBLE CROSS SLOPE LT & 1.5% CROSS SLOPE RT
121+28 TO 121+78 BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH)
CENTERLINE: GRIND 0" @ 121+28 & TAPER TO 2" @ 121+78
EDGE OF PAVEMENT: MATCH SLOPES LISTED ABOVE (*)

** RT 118+20 TO 120+50 15" SUB-BASE GRANULAR MATERIAL, TYPE A
RT 120+50 TO 121+78 24" SUB-BASE GRANULAR MATERIAL, TYPE A

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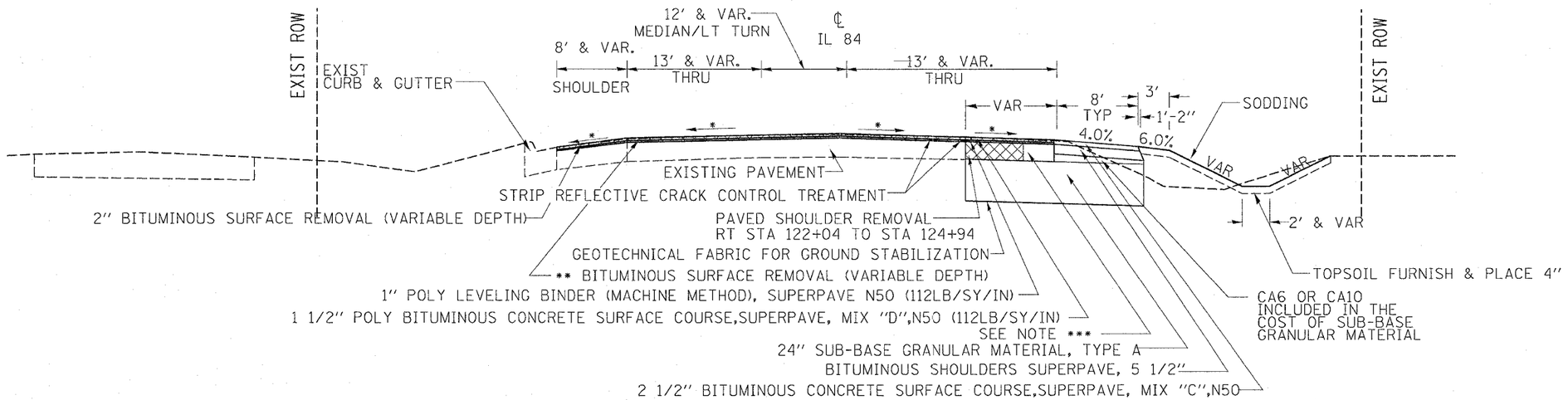
CONTRACT NO. 64A10

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	13
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

TYPICAL SECTIONS

IL 84 121+78 TO 124+94

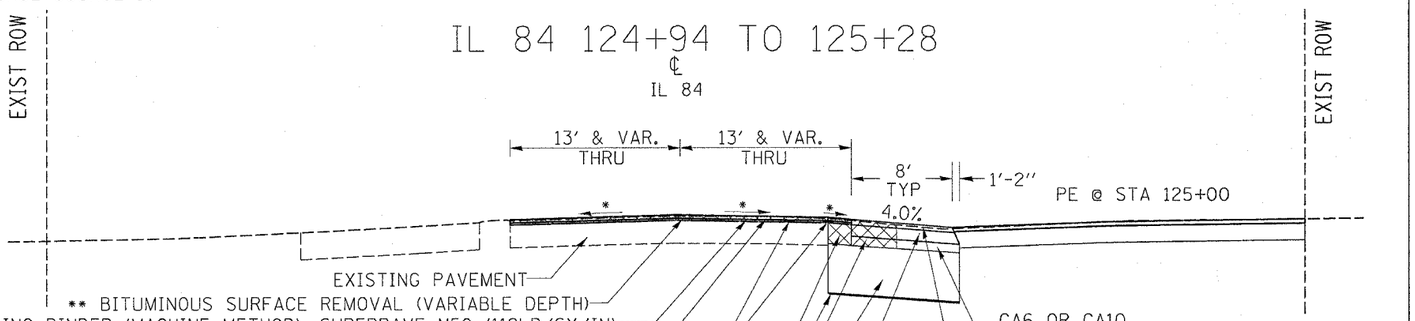


* 121+78 TO 124+44 MATCH EXISTING CROSS SLOPE LT & 1.5 % CROSS SLOPE RT
124+44 TO 124+94 MATCH EXISTING CROSS SLOPE LT & VARIABLE CROSS SLOPE RT

** 121+78 TO 124+84 BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH)
CENTERLINE: GRIND 2"
EDGE OF PAVEMENT: MATCH SLOPES LISTED ABOVE (*)
124+84 TO 124+94 CONCRETE PAVEMENT REMOVAL - PAID FOR AS BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH)
CENTERLINE: GRIND 2"
EDGE OF PAVEMENT: MATCH SLOPES LISTED ABOVE (*)

*** 121+78 TO 124+39 10" BIT CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0,N50 (112LB/SY/IN)
124+39 TO 124+94 PCC BASE COURSE 10"

IL 84 124+94 TO 125+28



* MATCH EXISTING CROSS SLOPE LT & RT

** CONCRETE PAVEMENT REMOVAL - PAID FOR AS BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH)
CENTERLINE: GRIND 2"
EDGE OF PAVEMENT: MATCH SLOPES LISTED ABOVE (*)

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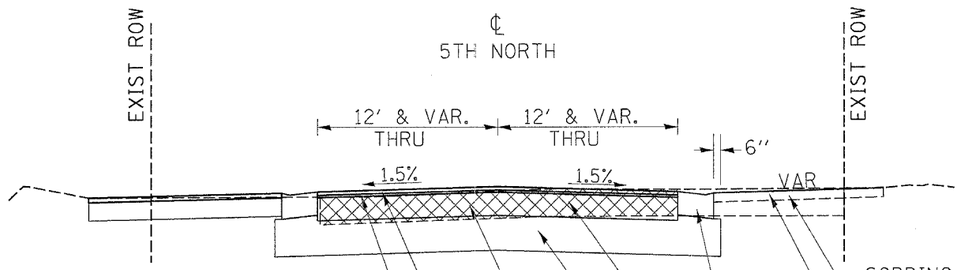
CONTRACT NO. 64A10

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	14
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

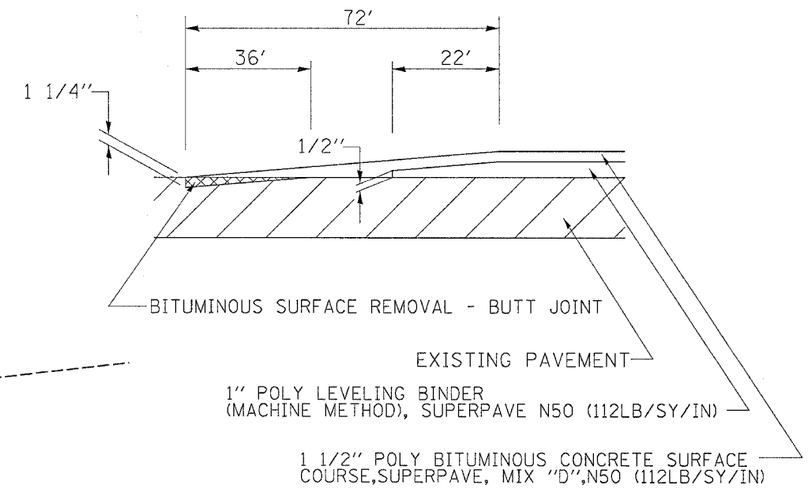
TYPICAL SECTIONS

5TH ST. NORTH 10+50 TO 11+25.50

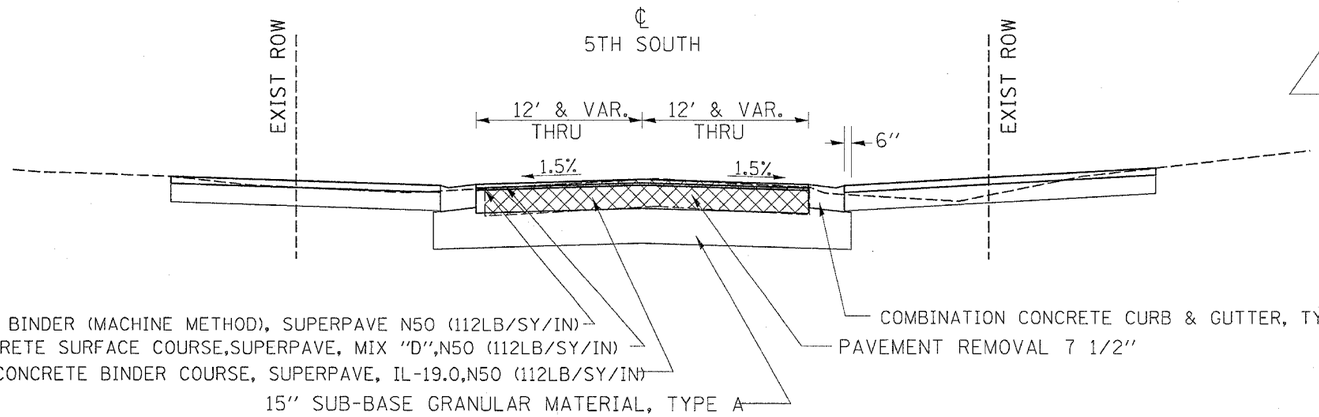


BUTT JOINT

109+29 TO 110+01



5TH ST. SOUTH 8+35 TO 9+87



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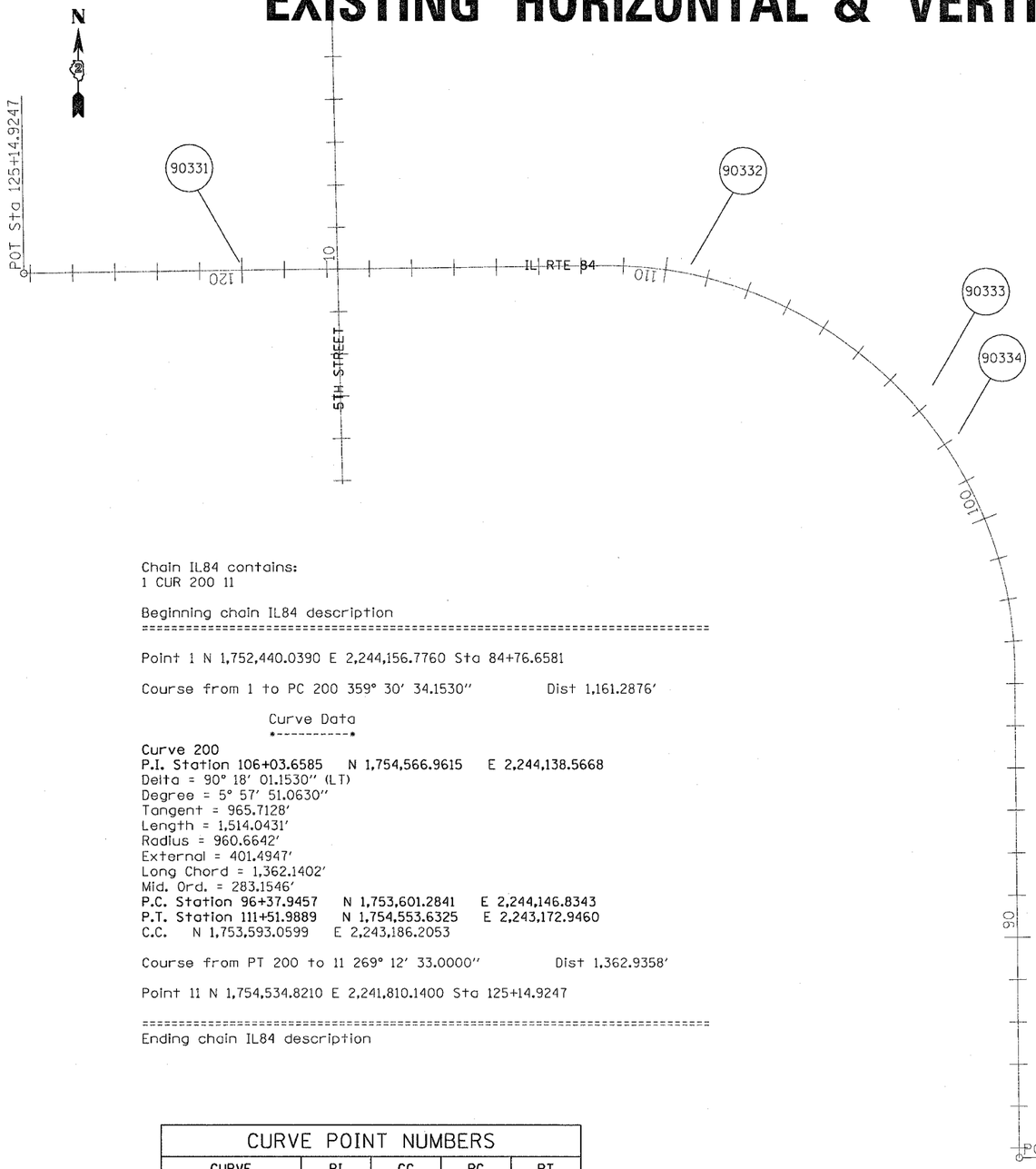
EXISTING HORIZONTAL & VERTICAL CONTROL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	15
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 64A10



Chain IL84 contains:
1 CUR 200 11

Beginning chain IL84 description

Point 1 N 1,752,440.0390 E 2,244,156.7760 Sta 84+76.6581

Course from 1 to PC 200 359° 30′ 34.1530″ Dist 1,161.2876′

Curve Data

Curve 200
P.I. Station 106+03.6585 N 1,754,566.9615 E 2,244,138.5668
Delta = 90° 18′ 01.1530″ (LT)
Degree = 5° 57′ 51.0630″
Tangent = 965.7128′
Length = 1,514.0431′
Radius = 960.6642′
External = 401.4947′
Long Chord = 1,362.1402′
Mid. Ord. = 283.1546′
P.C. Station 96+37.9457 N 1,753,601.2841 E 2,244,146.8343
P.T. Station 111+51.9889 N 1,754,553.6325 E 2,243,172.9460
C.C. N 1,753,593.0599 E 2,243,186.2053

Course from PT 200 to 11 269° 12′ 33.0000″ Dist 1,362.9358′

Point 11 N 1,754,534.8210 E 2,241,810.1400 Sta 125+14.9247

Ending chain IL84 description

CURVE POINT NUMBERS				
CURVE	PI	CC	PC	PT
200	200	201	202	203

SURVEY WORK POINTS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
100	1754531.6220	2243055.7450	587.2060	1184	112+69.4825	20.3908′ LT	SURVEY POINT, NAIL
101	1754495.8450	2242671.2870	574.9870	1184	116+54.3977	50.8580′ LT	SURVEY POINT, NAIL
102	1754503.2000	2242570.5880	575.2080	1184	117+54.9856	42.1138′ LT	SURVEY POINT, NAIL

BENCH MARKS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
431	1754485.7520	2242371.6630	574.6720	1184	119+54.1325	56.8146′ LT	SIGN FOUNDATION, CHISELED "X"
432	1754474.6620	2243365.3220	592.3320	1184	109+46.1703	61.0503′ LT	POWER POLE, BOLT

APPARENT PROPERTY CORNERS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
700	1754594.4220	2242530.0340	574.7150	1184	117+94.2767	49.6592′ RT	PROPERTY CORNER, PIN
701	1754470.1650	2242904.6400	578.8220	1184	114+21.4214	79.7564′ LT	PROPERTY CORNER, PIN
702	1754467.9130	2242742.7050	575.9640	1184	115+83.3720	79.7731′ LT	PROPERTY CORNER, PIN
703	1753754.9440	2244083.0640	590.1150	1184	98+01.2753	49.3124′ LT	R.O.W MARKER, BACK
704	1754405.8180	2243568.3140	589.8610	1184	107+16.5421	62.5646′ LT	R.O.W MARKER, BACK

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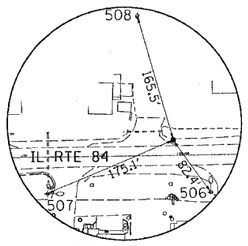
REF
REF

EXISTING HORIZONTAL & VERTICAL CONTROL

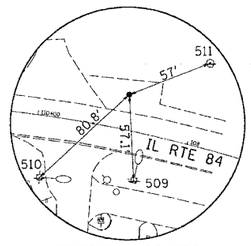
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	16
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 64A10

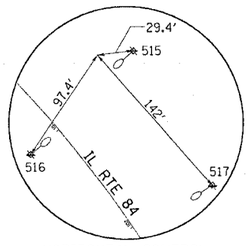
HORIZONTAL CONTROL POINTS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
90331	1754561.1490	2242319.4010	574.7410	i184	120+05.3488	19.2966' RT	GPS CONTROL POINT, PIN
90332	1754557.0830	2243384.4830	591.4030	i184	109+43.8599	23.5384' RT	GPS CONTROL POINT, PK NAIL
90333	1754271.0300	2243953.9740	590.5440	i184	103+24.6325	63.5977' RT	GPS CONTROL POINT, PIN
90334	1754156.8780	2244015.3380	589.6880	i184	102+03.4139	42.0082' RT	GPS CONTROL POINT, PIN



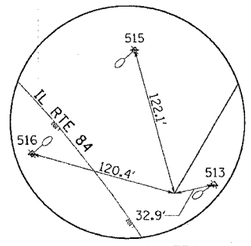
HORIZONTAL CONTROL
POINT No. 90331



HORIZONTAL CONTROL
POINT No. 90332



HORIZONTAL CONTROL
POINT No. 90333



HORIZONTAL CONTROL
POINT No. 90334

REFERENCE TIES				
POINT	CHAIN	STATION	OFFSET	DESCRIPTION
506	i184	119+58.2418	48.2650' LT	POWER POLE WITH LIGHT, SHINER
507	i184	121+67.1485	47.7386' LT	POWER POLE WITH LIGHT, SHINER
508	i184	120+48.8908	178.9247' RT	POWER POLE, SHINER
509	i184	109+29.1440	31.6659' LT	POWER POLE WITH LIGHT, SHINER
510	i184	109+93.0557	40.9189' LT	POWER POLE WITH LIGHT, SHINER
511	i184	108+98.5250	55.4742' RT	6" TREE DECIDUOUS, SHINER
512	i184	103+09.9197	87.7609' RT	POWER POLE WITH LIGHT, SHINER
513	i184	101+92.2513	72.7446' RT	POWER POLE WITH LIGHT, SHINER
514	i184	102+99.2438	30.3164' LT	POWER POLE WITH LIGHT, SHINER
515	i184	103+09.4850	87.9800' RT	POWER POLE WITH LIGHT, SHINER
516	i184	102+98.9235	30.4599' LT	POWER POLE WITH LIGHT, SHINER
517	i184	101+91.8932	72.3429' RT	POWER POLE WITH LIGHT, SHINER

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CONTRACT NO. 64A10

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M &TS	HENRY	90	17
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SCHEDULE OF QUANTITES

20100110 TREE REMOVAL (6 TO 15 UNITS DIAMETER)

UNIT	LOCATION		OFFSET (ft)	REMARKS
	IL 84			
6	RT	112+17	37.6	
6	RT	112+27	37.8	
14	RT	113+16	34.3	
6	RT	113+76	46.4	
6	RT	114+48	43.4	
38	TOTAL			

20100210 TREE REMOVAL (OVER 15 UNITS DIAMETER)

UNIT	LOCATION		OFFSET (ft)	REMARKS
	IL 84			
36	RT	112+87	36.3	
36	RT	113+14	34.8	
30	RT	113+57	43.2	
30	RT	115+05	42.6	
132	TOTAL			

20101700 SUPPLEMENTAL WATERING

UNIT	LOCATION	REMARKS
64	ENTIRE JOB	
64	TOTAL	

20200100 EARTH EXCAVATION

CU. YD.	LOCATION				REMARKS
	IL 84				
2278	LT & RT	109+50.0	TO	125+28.0	
	5th Street				
1072	LT & RT	8+35.0	TO	11+25.0	
3349	TOTAL				

20200200 ROCK EXCAVATION

CU. YD.	LOCATION				REMARKS
	IL 84				
255	LT & RT	109+50.0	TO	125+28.0	FOR SUBGRADE
	5th Street				
25	LT & RT	8+35.0	TO	11+25.0	FOR SUBGRADE
280	TOTAL				

21101615 TOPSOIL FURNISH AND PLACE, 4"

SQ. YD.	LOCATION	REMARKS
7077	ENTIRE JOB	
7077	TOTAL	

25100630 EROSION CONTROL BLANKET

SQ. YD.	LOCATION				REMARKS
729	RT	110+19	TO	115+21	
729	TOTAL				

25200110 SODDING, SALT TOLERANT

SQ. YD.	LOCATION	REMARKS
7077	ENTIRE JOB	
7077	TOTAL	

28000250 TEMPORARY EROSION CONTROL SEEDING

POUND	LOCATION	REMARKS
1300	Entire Job	
1300	TOTAL	

28000300 TEMPORARY DITCH CHECKS

EACH	LOCATION				REMARKS
	IL 84				
17	RT	110+51	TO	115+01	Every 28'
1	LT	111+00			
9	LT	112+50	TO	116+50	Every 50'
1	RT	116+50			
1	RT	119+02			
1	RT	119+75			
1	RT	120+88			
1	RT	121+74			
1	RT	122+77			
1	RT	123+20			
1	RT	124+12			
5					At discretion of the Engineer
40	TOTAL				

28000400 PERIMETER EROSION BARRIER

FOOT	LOCATION				REMARKS
	IL 84				
58	LT	116+85	TO	117+26	
80	LT	118+32	TO	119+16	
71	RT	119+46	TO	120+17	
64	LT	119+52	TO	120+00	
114	LT	120+16	TO	121+21	
35	LT	121+58	TO	121+82	
100					At discretion of the Engineer
522	TOTAL				

28000500 INLET AND PIPE PROTECTION

EACH	LOCATION		OFFSET (ft)	REMARKS
	IL 84			
1	LT	111+50	16.7	
1	RT	115+25	45.8	
1	RT	116+75	41.6	
1	LT	116+88	36.0	
1	LT	118+95	36.4	EXISTING INLET
1	RT	119+44	45.1	
1	LT	120+10	35.6	EXISTING INLET
1	LT	121+10	35.5	EXISTING INLET
1	RT	121+25	45.9	
1	LT	121+66	35.9	EXISTING INLET
1	RT	123+50	39.0	
11	TOTAL			

35101400 AGGREGATE BASE COURSE, TYPE B

TON	LOCATION		LANE WIDTH	LENGTH	REMARKS
	IL 84				
4.4	LT Sta.	116+75	13.0	6.7	1 LANE - 8" thick - temp patch over SS
6.3	LT Sta.	123+47	14.0	8.9	1/3 road - 8" thick - temp patch over SS
6.3	L & R Sta.	123+47	14.0	8.9	1/3 road - 8" thick - temp patch over SS
4.4	RT Sta.	116+75	13.0	6.7	1 LANE - 8" thick - temp patch over SS
6.3	RT Sta.	123+47	14.0	8.9	1/3 road - 8" thick - temp patch over SS
79.1	7 TEMPORARY DRIVEWAYS (4 on north side of IL 84 and 3 on south 5th St.) AT 11.3 TONS EACH				
106.9	TOTAL NOTE - ADDITIONAL AGG BASE COURSE, TYPE B IS ON THE ENTRANCE SCHEDULE				

42400200 PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH

SQ. FT.	LOCATION				REMARKS
	IL 84				
281	LT Sta.	117+14	TO	117+51	
292	RT Sta.	117+17	TO	117+48	
573	TOTAL				

44000500 COMBINATION CURB & GUTTER REMOVAL

FOOT	LOCATION				REMARKS
	IL 84				
467	LT	109+29	TO	113+94	
35	LT	121+56	TO	121+79	
7	LT	123+42	TO	123+49	
509	TOTAL				

44004250 PAVED SHOULDER REMOVAL

SQ. YD.	LOCATION				REMARKS
	IL 84				
330	RT Sta.	122+04	TO	125+28	
330	TOTAL				

44201007 CLASS B PATCHES, TYPE II, 13 INCH

SQ. YD.	LOCATION		LANE WIDTH	LENGTH	REMARKS
	IL 84				
10	LT Sta.	116+75	13.0	6.7	1 LANE - Over Storm Sewer
14	LT Sta.	123+47	14.0	8.9	1/3 of road width - Over Storm Sewer
14	L & R Sta.	123+47	14.0	8.9	1/3 of road width - Over Storm Sewer
10	RT Sta.	116+75	13.0	6.7	1 LANE - Over Storm Sewer
14	RT Sta.	123+47	14.0	8.9	1/3 of road width - Over Storm Sewer
61	TOTAL				

44213200 SAW CUTS

FOOT	LOCATION		LANE WIDTH	LENGTH	REMARKS
	IL 84				
59	LT Sta.	116+75	13.0	6.7	1 LANE - Over Storm Sewer
69	LT Sta.	123+47	14.0	8.9	1/3 of road width - Over Storm Sewer
69	L & R Sta.	123+47	14.0	8.9	1/3 of road width - Over Storm Sewer
59	RT Sta.	116+75	13.0	6.7	1 LANE - Over Storm Sewer
69	RT Sta.	123+47	14.0	8.9	1/3 of road width - Over Storm Sewer
324	TOTAL				

44300200 STRIP REFLECTIVE CRACK CONTROL TREATMENT

FOOT	LOCATION				REMARKS
	IL 84				
3054	RT	110+01	TO	125+28	Along new widening & old widening
3054	TOTAL				

50200400 ROCK EXCAVATION FOR STRUCTURES

CU. YD.	LOCATION				REMARKS
	IL 84				
58	LT & RT	109+50.0	TO	125+28.0	FOR SS, MH, INLETS, ETC.
	5th Street				
11	LT & RT	8+35.0	TO	11+25.0	FOR SS, MH, INLETS, ETC.
69	TOTAL				

56400100 FIRE HYDRANTS TO BE MOVED

EACH	LOCATION		OFFSET (ft)	REMARKS
	5th Street (S of IL 84)			
1	RT	9+17	23.9	
1	TOTAL			

PLOT DATE = Mon Apr 11 14:38:07 2005
FILE NAME = c:\projects\c265804\c265804sht1qty.dgn
PLOT SCALE = 50.0000 ' / IN.
REFERENCE = $WIDE$

CONTRACT NO. 64A10

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M &TS	HENRY	90	18
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SCHEDULE OF QUANTITES

44004250 PAVED SHOULDER REMOVAL

SQ. YD.	LOCATION			
	IL 84			
330	RT Sta.	122+04	TO	125+28
330	**TOTAL**			

56400300 FIRE HYDRANTS TO BE ADJUSTED

EACH	LOCATION		OFFSET (ft)	REMARKS
	5th Street (S of IL 84)			
1	RT	109+45	34.6	
1	**TOTAL**			

60265700 VALVE VAULTS TO BE ADJUSTED

EACH	LOCATION		OFFSET (ft)	REMARKS
	IL 84			
1	LT Sta.	116+94	25.9	ELECTRIC
1	LT Sta.	117+49	48.3	GAS
1	RT Sta.	124+63	13.8	GAS
	5th Street (S of IL 84)			
1	RT Sta.	9+27	16.5	WATER
4	**TOTAL**			

60600095 CLASS SI CONCRETE (OUTLET)

CU. YD.	LOCATION		REMARKS
	IL 84		
1.23	RT	109+48	Inlet
1.23	**TOTAL**		

60605000 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24

FOOT	LOCATION				REMARKS
	IL 84				
628	LT	110+16	TO	116+46	
254	LT	118+47	TO	121+01	
783	RT	109+48	TO	117+27	
7	LT	123+42	TO	123+49	
	3rd Street (S of IL 84)				
39	West Quadrant				
35	East Quadrant				
	5th Street (N of IL 84)				
47	LT	118+21	TO	10+61	
64	LT	10+61	TO	11+26	
55	RT	117+27	TO	10+62	
64	RT	10+62	TO	11+26	
	5th Street (S of IL 84)				
37	LT	8+35	TO	8+72	
145	LT	8+72	TO	118+47	
90	RT	8+35	TO	9+25	
146	RT	9+25	TO	116+46	
95	RT	BP PARKING LOT			
	6th Street (S of IL 84)				
35	West Quadrant				
47	East Quadrant				
2572	**TOTAL**				

66700305 PERMANENT SURVEY MARKERS, TYPE II

EACH	LOCATION	REMARKS
	IL 84	
2	ENTIRE JOB	
2	**TOTAL**	

78000100 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS

SQ. FT.	LOCATION				OFFSET (ft)	REMARKS
	IL 84					
15.6	Sta.	116+13.8	TO	116+21.8		Left turn arrow
15.6	Sta.	116+62.3	TO	116+70.3		Left turn arrow
15.6	Sta.	117+10.8	TO	117+18.8		Left turn arrow
15.6	Sta.	118+32.7	TO	118+40.7		Left turn arrow
15.6	Sta.	118+81.2	TO	118+89.2		Left turn arrow
15.6	Sta.	119+29.7	TO	19+37.7		Left turn arrow
93.6	**TOTAL**					

78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4"

FOOT	LOCATION				REMARKS
	IL 84				
240	Sta.	109+29	TO	110+49	Double Yellow
102	Sta.	110+49	TO	111+00	Double Yellow
1920	Sta.	111+00	TO	115+80	Double Yellow
288	Sta.	115+80	TO	117+24	Double Yellow
290	Sta.	117+24	TO	119+72	Double Yellow
1980	Sta.	119+72	TO	124+67	Double Yellow
54	Sta.	124+67	TO	124+94	Double Yellow
40	Sta.	124+00	TO	125+27	Skip Dash White
707	Sta.	118+20	TO	125+27	White Edgeline Right
349	Sta.	121+78	TO	125+27	White Edgeline Left
	5th Street (N of IL 84)				
156	Sta.	10+47	TO	11+25	Double Yellow
	5th Street (S of IL 84)				
240	Sta.	8+34	TO	9+54	Double Yellow
6366	**TOTAL**				

78000400 THERMOPLASTIC PAVEMENT MARKING - LINE 6"

FOOT	LOCATION		REMARKS
	IL 84		
54	Sta.	117+28	Cross Walk White
62	Sta.	117+39	Cross Walk White
116	**TOTAL**		

78000500 THERMOPLASTIC PAVEMENT MARKING - LINE 8"

FOOT	LOCATION				REMARKS
	IL 84				
123	Sta.	115+99	TO	117+22	Turn Lane White
125	Sta.	118+27	TO	119+52	Turn Lane White
248	**TOTAL**				

78000600 THERMOPLASTIC PAVEMENT MARKING - LINE 12"

FOOT	LOCATION				REMARKS
	IL 84				
218	Sta.	110+60	TO	115+60	Diagonals @ 20' Cts Yellow
216	Sta.	119+70	TO	124+90	Diagonals @ 20' Cts Yellow
434	**TOTAL**				

78000650 THERMOPLASTIC PAVEMENT MARKING - LINE 24"

FOOT	LOCATION				REMARKS
	IL 84				
25	Sta.	117+24			Stopbar White
22	Sta.	117+53	TO	117+74	Stopbar White
17	Sta.	117+75	TO	117+92	Stopbar White
29	Sta.	118+28			Stopbar White
93	**TOTAL**				

78100100 RAISED REFLECTIVE PAVEMENT MARKER

EACH	LOCATION		REMARKS
	IL 84		
2	Sta.	109+60	Two-way amber
2	Sta.	110+00	Two-way amber
2	Sta.	110+40	Two-way amber
2	Sta.	110+80	Two-way amber
2	Sta.	111+20	One-way amber - painted island
2	Sta.	111+60	One-way amber - painted island
2	Sta.	112+00	One-way amber - painted island
2	Sta.	112+40	One-way amber - painted island
2	Sta.	112+80	One-way amber - painted island
2	Sta.	113+20	One-way amber - painted island
2	Sta.	113+60	One-way amber - painted island
2	Sta.	114+00	One-way amber - painted island
2	Sta.	114+40	One-way amber - painted island
2	Sta.	114+80	One-way amber - painted island
2	Sta.	115+20	One-way amber - painted island
2	Sta.	115+60	One-way amber - painted island
1	Sta.	116+00	One-way crystal - left turn lane
2	Sta.	116+00	Two-way amber
1	Sta.	116+40	One-way crystal - left turn lane
2	Sta.	116+40	Two-way amber
1	Sta.	116+80	One-way crystal - left turn lane
2	Sta.	116+80	Two-way amber
1	Sta.	117+20	One-way crystal - left turn lane
2	Sta.	117+20	Two-way amber
1	Sta.	118+30	One-way crystal - left turn lane
2	Sta.	118+30	Two-way amber
1	Sta.	118+70	One-way crystal - left turn lane
2	Sta.	118+70	Two-way amber
1	Sta.	119+10	One-way crystal - left turn lane
2	Sta.	119+10	Two-way amber
1	Sta.	119+50	One-way crystal - left turn lane
2	Sta.	119+50	Two-way amber
2	Sta.	119+90	One-way amber - painted island
2	Sta.	120+30	One-way amber - painted island
2	Sta.	120+70	One-way amber - painted island
2	Sta.	121+10	One-way amber - painted island
2	Sta.	121+50	One-way amber - painted island
2	Sta.	121+90	One-way amber - painted island
2	Sta.	122+30	One-way amber - painted island
2	Sta.	122+70	One-way amber - painted island
2	Sta.	123+10	One-way amber - painted island
2	Sta.	123+50	One-way amber - painted island
2	Sta.	123+90	One-way amber - painted island
1	Sta.	124+25	One-way crystal
2	Sta.	124+30	One-way amber - painted island
2	Sta.	124+70	Two-way amber
1	Sta.	125+05	One-way crystal
84	**TOTAL**		

Z0017100 DOWEL BARS

EACH	LOCATION		LANE WIDTH	LENGTH	REMARKS
	IL 84				
20	LT Sta.	116+75	13.0	6.7	1 LANE - Over Storm Sewer
24	LT Sta.	123+47	14.0	8.9	1/3 of road width - Over Storm Sewer
24	L & R Sta.	123+47	14.0	8.9	1/3 of road width - Over Storm Sewer
20	RT Sta.	116+75	13.0	6.7	1 LANE - Over Storm Sewer
24	RT Sta.	123+47	14.0	8.9	1/3 of road width - Over Storm Sewer
112	**TOTAL**				

Z0023600 FILLING EXISTING CULVERTS

EACH	LOCATION		REMARKS
	IL 84		
1	Sta.	121+65	18" CMP
1	**TOTAL**		

Z0075300 TIE BARS

EACH	LOCATION				SPACING	REMARKS
	IL 84					
40	RT Sta.	110+01	TO	111+00	30" cts, 24" long, No. 6	PCC BASE COURSE
36	RT Sta.	124+39	TO	125+28	30" cts, 24" long, No. 6	PCC BASE COURSE
76	**TOTAL**					

PLOT DATE = Mon Apr 11 14:38:45 2005
FILE NAME = C:\pwidgets\p265984\d265984qtysdgn
PLOT SCALE = 50.0000 ' / IN.
REFERENCE = REF

CONTRACT NO. 64A10

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M &TS	HENRY	90	19
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SCHEDULE OF QUANTITES

	IL 84				
25	Sta.	117+24			Stopbar White
22	Sta.	117+53	TO	117+74	Stopbar White
17	Sta.	117+75	TO	117+92	Stopbar White
29	Sta.	118+28			Stopbar White
93	TOTAL				

78100100 RAISED REFLECTIVE PAVEMENT MARKER

EACH	LOCATION		REMARKS
	IL 84		
2	Sta.	109+60	Two-way amber
2	Sta.	110+00	Two-way amber
2	Sta.	110+40	Two-way amber
2	Sta.	110+80	Two-way amber
2	Sta.	111+20	One-way amber - painted island
2	Sta.	111+60	One-way amber - painted island
2	Sta.	112+00	One-way amber - painted island
2	Sta.	112+40	One-way amber - painted island
2	Sta.	112+80	One-way amber - painted island
2	Sta.	113+20	One-way amber - painted island
2	Sta.	113+60	One-way amber - painted island
2	Sta.	114+00	One-way amber - painted island
2	Sta.	114+40	One-way amber - painted island
2	Sta.	114+80	One-way amber - painted island
2	Sta.	115+20	One-way amber - painted island
2	Sta.	115+60	One-way amber - painted island
1	Sta.	116+00	One-way crystal - left turn lane
2	Sta.	116+00	Two-way amber
1	Sta.	116+40	One-way crystal - left turn lane
2	Sta.	116+40	Two-way amber
1	Sta.	116+80	One-way crystal - left turn lane
2	Sta.	116+80	Two-way amber
1	Sta.	117+20	One-way crystal - left turn lane
2	Sta.	117+20	Two-way amber
1	Sta.	118+30	One-way crystal - left turn lane
2	Sta.	118+30	Two-way amber
1	Sta.	118+70	One-way crystal - left turn lane
2	Sta.	118+70	Two-way amber
1	Sta.	119+10	One-way crystal - left turn lane
2	Sta.	119+10	Two-way amber
1	Sta.	119+50	One-way crystal - left turn lane
2	Sta.	119+50	Two-way amber
2	Sta.	119+90	One-way amber - painted island
2	Sta.	120+30	One-way amber - painted island
2	Sta.	120+70	One-way amber - painted island
2	Sta.	121+10	One-way amber - painted island
2	Sta.	121+50	One-way amber - painted island
2	Sta.	121+90	One-way amber - painted island
2	Sta.	122+30	One-way amber - painted island
2	Sta.	122+70	One-way amber - painted island
2	Sta.	123+10	One-way amber - painted island
2	Sta.	123+50	One-way amber - painted island
2	Sta.	123+90	One-way amber - painted island
1	Sta.	124+25	One-way crystal
2	Sta.	124+30	One-way amber - painted island
2	Sta.	124+70	Two-way amber
1	Sta.	125+05	One-way crystal
84	TOTAL		

Z0017100 DOWEL BARS

EACH	LOCATION		LANE WIDTH	LENGTH	REMARKS
	IL 84				
20	LT Sta.	116+75	13.0	6.7	1 LANE - Over Storm Sewer
24	LT Sta.	123+47	14.0	8.9	1/3 of road width - Over Storm Sewer
24	L & R Sta.	123+47	14.0	8.9	1/3 of road width - Over Storm Sewer
20	RT Sta.	116+75	13.0	6.7	1 LANE - Over Storm Sewer
24	RT Sta.	123+47	14.0	8.9	1/3 of road width - Over Storm Sewer
112	TOTAL				

Z0023600 FILLING EXISTING CULVERTS

EACH	LOCATION		REMARKS
	IL 84		
1	Sta.	121+65	18" CMP
1	TOTAL		

Z0075300 TIE BARS

EACH	LOCATION				SPACING	REMARKS
	IL 84					
40	RT Sta.	110+01	TO	111+00	30" cts, 24" long, No. 6	PCC BASE COURSE
36	RT Sta.	124+39	TO	125+28	30" cts, 24" long, No. 6	PCC BASE COURSE

76	TOTAL		

X0323691 MONITORING WELL ABANDONMENT

EACH	LOCATION		OFFSET (ft)	REMARKS
	IL 84			
1	Sta.	118+21	33.8	
1	Sta.	119+12	33.3	
	5th Street (S of IL 84)			
1	Sta.	9+33	20.4	
3	TOTAL			

X4080020 INCIDENTAL BITUMINOUS SURFACING, SUPERPAVE, N50

TON	LOCATION		LANE WIDTH	LENGTH	REMARKS
	IL 84				
1.6	LT Sta.	116+75	13.0	6.7	1 LANE - 3" thick - temp patch over SS
2.3	LT Sta.	123+47	14.0	8.9	1/3 road - 3" thick - temp patch over SS
2.3	L & R Sta.	123+47	14.0	8.9	1/3 road - 3" thick - temp patch over SS
1.6	RT Sta.	116+75	13.0	6.7	1 LANE - 3" thick - temp patch over SS
2.3	RT Sta.	123+47	14.0	8.9	1/3 road - 3" thick - temp patch over SS
10.2	TOTAL				

NOTE - ADDITIONAL INCIDENTAL BITUMINOUS SURFACING IS ON THE ENTRANCE SCHEDULE AND BITUMINOUS SCHEDULE

X5011100 FOUNDATION REMOVAL

EACH	LOCATION		OFFSET (ft)	REMARKS
	IL 84			
1	RT Sta.	116+86	49	
1	TOTAL			

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. HORIZ.

DATE

DRAWN BY

CHECKED BY

PLOT DATE = Mon Apr 11 14:38:01 2005
FILE NAME = C:\projects\u205841\d05804qntty.dgn
PLOT SCALE = 58.2808 ' / IN.
REFERENCE = sheet 5

CONTRACT NO. 64A10

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M &TS	HENRY	90	20
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

BITUMINOUS SCHEDULE

STATIONING	LENGTH	PROPOSED SURFACE			40600200 ** BIT. PRIME	40600300 AGG. PRIME	40600980 BIT SURF REM BT JT	40600990 TEMP RAMP	48202310 BITUMINOUS SHOULDERS SUPERPAVE 5 1/2"			X4066905 POLY LEVEL BIND MACH MTHD SP, N50	X4080020 **INCID BIT SURF SP N50 (2")	X4066524 POLY BIT CONC SURF CSE, SP MIX "D", N50	X4066614 BIT CONC BIND CRS SP IL-19.0, N50
		WIDTH	AVE. WIDTH	SQ. YD.	TON	TON	SQ YD	SQ YD	FT	WIDTH	SQ YD	TON	TON	TON	TON
IL 84 (LT LANE)															
109 + 29 - 110 + 1	72.0	13.9-13.5	13.7	109.6	0.06	0.16	54.5	6.3				1.0		7.1	
110 + 1 - 116 + 46	645.3	13.0	13.0	932.1	0.53	1.40						53.2		78.3	
116 + 46 - 118 + 47	200.5	13.0	13.0	289.6	0.17	0.43						21.3		24.3	
118 + 47 - 121 + 28	281.2	13 - 13.4	13.2	412.4	0.24	0.62						27.4		34.6	
121 + 28 - 121 + 78	50.0	13.4 - 14.2	13.8	76.7	0.04	0.12						3.9		6.4	
121 + 78 - 123 + 52	174.3	14.2 - 23.6	18.9	366.0	0.21	0.55			174.1	5.9	-	24.8		30.7	
123 + 52 - 124 + 94	141.8	23.6 - 29.3	26.5	416.7	0.24	0.63		12.2	141.8	8.0	-	27.5		35.0	
124 + 94 - 125 + 28	33.9	13.2	13.2	49.7	0.03	0.07		9.8				2.8		4.2	
IL 84 (RT LANE)															
109 + 29 - 110 + 1	72.0	11.9 - 12.2	12.1	96.4	0.06	0.14	47.9	5.6				0.8		6.2	
110 + 1 - 111 + 0	99.0	12.2 - 15.7	14.0	153.5	0.09	0.23						8.2		12.9	
111 + 0 - 111 + 52	52.0	15.7 - 17.3	16.5	95.3	0.05	0.14						5.0		8.0	15.0
111 + 52 - 113 + 50	198.0	17.3 - 23.9	20.6	453.2	0.26	0.68						21.5		38.1	88.4
113 + 50 - 114 + 44	94.0	23.9 - 27.0	25.5	265.8	0.15	0.40						17.2		22.3	71.7
114 + 44 - 120 + 50	606.0	27.0	27.0	1818.0	1.04	2.73			230	8.0	168.40	121.9		152.7	536.5
120 + 50 - 121 + 8	58.0	27.0	27.0	174.0	0.10	0.26			58	8.0	51.50	11.0		14.6	55.0
121 + 8 - 121 + 28	20.0	27.0 - 26.3	26.7	59.2	0.03	0.09			20	8.0	17.80	3.6		5.0	18.4
121 + 28 - 121 + 78	50.0	26.3 - 24.7	25.5	141.7	0.08	0.21			50	8.0	44.50	8.9		11.9	42.4
121 + 78 - 124 + 39	261.0	24.7 - 16.0	20.4	590.2	0.34	0.89			261	8.0	232.10	33.0		49.6	136.3
124 + 39 - 124 + 84	45.0	16.0 - 14.5	15.3	76.3	0.04	0.11			45	8.0	40.30	4.3		6.4	
124 + 84 - 125 + 28	44.0	14.5 - 13.0	13.8	67.2	0.04	0.10		10.2	44	8.4	41.40	3.9		5.6	
5TH STREET (N OF IL 84)															
ENTIRE SIDEROAD															
10 + 27 - 11 + 26	99.0			396.0	0.23	0.59						22.2		33.3	221.8
5TH STREET (S OF IL 84)															
ENTIRE SIDEROAD															
8 + 35 - 9 + 87	152.0			688.6	0.39	1.03		22.2				38.6		57.8	385.6
3RD STREET (S OF IL 84)															
109 + 73	23.0			109.6	0.06	0.16							18.4		
6TH STREET (S OF IL 84)															
121 + 44	29.0			125.5	0.07	0.19							21.1		
TOTALS					4.55	11.94	102.4	66.3	596.0			461.9	39.5	645.1	1571.1

* SEE SPECIAL PROVISION

** ADDITIONAL BITUMINOUS PRIME COAT IS ON THE ENTRANCE SCHEDULE

*** ADDITIONAL INCIDENTAL BITUMINOUS SURFACING IS ON SCHEDULE OF QUANTITIES AND ENTRANCE SCHEDULE

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. HORIZ.

DATE

DRAWN BY

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BITUMINOUS SCHEDULE

PLOT DATE = Wed Feb 09 10:35:58 2005
FILE NAME = c:\projects\c64a10\sheets\c64a10bit.dgn
PLOT SCALE = 50.000 '/ IN.
REFERENCE = REF

CONTRACT NO. 64A10

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M &TS	HENRY	90	21
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

BITUMINOUS SCHEDULE

STATIONING	35300500 PCC BASE CRS 10"	X4066414 BIT CONC SURF CSE, SP MIX "C", N50		20201400 SUB-BASE GRANULAR MATERIAL, TYPE A				21001000 GEO TECH FAB FOR GR STAB	44000100 PAV REM	44000030 BIT SURF REMOVAL (VARIABLE DEPTH)			70300100 SHORT TERM PAV MARKING		70301000 WORK ZONE PAVT MARK REMOVAL
				12"	15"	24"	TOTAL			MAINLINE	SHOULDER		MEDIAN	INCL-TRN LN, SB & AR	
	SQ YD	THKNS	TON	SQ YD	SQ YD	SQ YD	TONS	SQ YD	SQ YD	SQ YD	SQ YD		FOOT	FOOT	SQ FT
IL 84 (LT LANE)													YELLOW	WHITE-TRN LN	
109 + 29 - 110 + 1									0.8				0.0		0.0
110 + 1 - 116 + 46									27.0				0.0	597.0	66.3
116 + 46 - 118 + 47													0.0		0.0
118 + 47 - 121 + 28													0.0		0.0
121 + 28 - 121 + 78										76.7			0.0		0.0
121 + 78 - 123 + 52		2.5 - 2.0	15.6							366.0	123.9		0.0		0.0
123 + 52 - 124 + 94		2.5 - 2.0	16.4							416.7	129.8		0.0		0.0
124 + 94 - 125 + 28												*			
IL 84 (RT LANE)													YELLOW	WHITE-TRN LN	
109 + 29 - 110 + 1	1.4			20.7			14.1	20.7					24.0		2.7
110 + 1 - 111 + 0	29.3			63.2			43.2	63.2					36.0		4.0
111 + 0 - 111 + 52				44.6			30.5	44.6					24.0		2.7
111 + 52 - 113 + 50				225.6			154.2	225.6					60.0		6.7
113 + 50 - 114 + 44					160.2		136.8	160.2					36.0		4.0
114 + 44 - 120 + 50		2.5	23.6		1196.1		1021.7	1196.1					192.0	585.0	86.3
120 + 50 - 121 + 8		2.5	7.2			153.0	209.1	153.0					24.0		2.7
121 + 8 - 121 + 28		2.5	2.5			51.8	70.8	51.8					12.0		1.3
121 + 28 - 121 + 78		2.5	6.2			122.9	168.0	122.9		65.6			24.0		2.7
121 + 78 - 124 + 39		2.5	32.5			489.9	669.6	489.9		345.2			84.0		9.3
124 + 39 - 124 + 84	15.9	2.5	5.6			58.8	80.3	58.8		60.4			24.0		2.7
124 + 84 - 125 + 28	8.1	2.5	5.8			51.9	70.9	51.9		58.6		*	24.0		2.7
5TH STREET (N OF IL 84)															
ENTIRE SIDEROAD													YELLOW	WHITE-STP BR	
10 + 27 - 11 + 26					513.2		438.4	513.2	344.5				36.0	18.0	6.0
5TH STREET (S OF IL 84)													YELLOW	WHITE-STP BR	
ENTIRE SIDEROAD															
8 + 35 - 9 + 87					830.2		709.1	830.2	541.0				48.0	21.0	7.7
3RD STREET (S OF IL 84)													YELLOW		
109 + 73				131.6			89.9	131.6	98.0				12.0		1.3
6TH STREET (S OF IL 84)													YELLOW		
121 + 44						152.7	208.8	152.7	135.6				12.0		1.3
TOTALS	**54.7**	**115.4**		**4115.3**				**4266.4**	**1147.0**	**1643.0**			**1893.0**		**210.3**

* SEE SPECIAL PROVISION

** ADDITIONAL BITUMINOUS PRIME COAT IS ON THE ENTRANCE SCHEDULE

*** ADDITIONAL INCIDENTAL BITUMINOUS SURFACING IS ON SCHEDULE OF QUANTITIES AND ENTRANCE SCHEDULE

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. HORIZ.

DATE

DRAWN BY

CHECKED BY

CONTRACT NO. 64A10

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M &TS	HENRY	90	22
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

ENTRANCE SCHEDULE

LOCATION	REMARKS			DRIVEWAY WIDTH FOOT	FLARE WIDTH FOOT	APRON LENGTH FOOT	APRON SECTION AREA SQ. YARD	RUN LENGTH BIT FOOT	ADDL. DRVWY AREA BITUMINOUS SQ YARD	TOTAL AGGREGATE AREA SQ YARD	TOTAL CONCRETE AREA SQ YARD	TOTAL BITUMINOUS AREA SQ YARD	40600200 * BIT PRIME COAT TONS	35101400 **AGG BASE CSE T-B TONS	X4080020 ***2" INC BIT SURF SUPER, N50 TONS	42300300 PCC DRIVEWAY PAVEMENT 7" SQ YD	44000200 **DRVWY PVMNT REM** SQ YD
IL 84			**Proposed**														
109+97	PE	RT	BIT W/CONC APR	35.0	65.0	15.0	82.9	20.3	57.5	62.7	82.9	57.5	0.082	28.58	6.44	82.9	167.7
111+97	CE	LT	BIT W/CONC APR	30.0	60.0	15.0	75.0	19.4	62.9	67.6	75.0	62.9	0.090	30.82	7.05	75.0	133.6
115+92	CE + MB	RT	BIT W/CONC APR	35.0	114.5	15.0	103.4	5.4	21.4	22.6	103.4	21.4	0.031	10.30	2.40	103.4	209.9
119+32	CE	LT	BIT W/CONC APR	35.0	65.0	15.0	83.3	19.4	74.3	78.5	83.3	74.3	0.106	35.78	8.33	83.3	204.0
120+34	CE	RT	BIT.	35.0	59.0	12.0	62.7	3.0	11.7	78.8	-	74.3	0.106	35.89	8.33	-	194.7
122+31	PE	RT	CONC.	14.6	39.0	12.0	36.0	7.0	-	-	47.7	-	-	-	-	47.7	89.2
125+00	CE	RT	CONC.	35.0	58.9	12.0	62.6	15.7	-	-	123.7	-	-	-	-	123.7	-
5TH ST.																	
8+62	CE	RT	BIT W/ CONC APR	24.0	50.2	15.0	64.1	8.0	91.3	91.3	64.1	91.3	0.131	41.59	10.22	64.1	198.5
8+90	CE	LT	BIT W/ CONC APR	42.6	64.6	16.8	124.9	-	67.2	67.2	124.9	67.2	0.096	30.60	7.52	124.9	338.7
9+35	CE	RT	BIT W/ CONC APR	22.0	41.3	15.0	46.1	15.0	47.5	47.5	46.1	47.5	0.068	21.62	5.32	46.1	96.1
10+68	CE	RT	CONC	24.0	50.6	15.0	61.5	-	-	-	108.2	-	-	-	-	108.2	-
10+77	CE	LT	BIT W/CONC APR	16.0	43.9	15.0	50.4	-	85.6	87.7	50.4	85.6	0.122	39.95	9.59	50.4	254.5
TOTALS										**603.9**	**909.8**	**582.0**	**0.8**	**275.1**	**65.2**	**909.8**	**1886.7**

*ADDITIONAL BITUMINOUS PRIME COAT IS ON THE BITUMINOUS SCHEDULE

**ADDITIONAL AGGREGATE BASE COURSE, TYPE B IS ON THE SCHEDULE OF QUANTITIES

***ADDITIONAL INCIDENTAL BITUMINOUS SURFACING IS ON THE SCHEDULE OF QUANTITIES AND BITUMINOUS SCHEDULE

PLOT DATE = Mon Apr 11 14:38:10 2005
FILE NAME = C:\projects\c205804\d05804entsdgn
PLOT SCALE = 50.000 ' / IN.
REFERENCE = REF

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. HORIZ.
DATE
DRAWN BY
CHECKED BY

CONTRACT NO. 64A10

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M &TS	HENRY	90	23
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PARTIAL DEPTH PATCHING SCHEDULE

STATION AT CENTER OF PATCH	WIDTH OF PAVEMENT (FEET)		LENGTH OF PATCH (FEET)		PAVEMENT PATCHING						BIT. REM. OVER PATCHES 5.5 IN		BIT. REPLACE OVER PATCHES	
					TYPE II, 13"		TYPE III, 13"		TYPE IV, 13"					
	LT LANE	RT LANE	LT LANE	RT LANE	LT LANE	RT LANE	LT LANE	RT LANE	LT LANE	RT LANE	LT LANE	RT LANE	LT LANE	RT LANE
	South Lane	North Lane	South Lane	North Lane	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	TONS	TONS
111 + 01	13.0	13.4	22.5	22.5					32.5	32.5	33.9	35.0	10.5	10.8
111 + 68	12.9	12.9	24.1	24.1					34.5	34.5	36.0	36.0	11.1	11.1
112 + 36	12.9	12.9	4.0	4.0	5.7	5.7					7.2	7.2	2.2	2.2
112 + 81	13.1	13.0	16.0	16.0			23.3	23.1			24.7	24.6	7.6	7.6
113 + 10	12.8		8.0		11.4						12.8		3.9	
113 + 68	13.4	12.8	6.0	6.0	8.9	8.5					10.4	10.0	3.2	3.1
114 + 15	12.9	13.0	45.0	45.0					64.5	64.5	65.9	66.4	20.3	20.5
114 + 80	12.8	12.8	55.0	55.0					78.2	78.2	79.6	79.6	24.5	24.5
115 + 80	12.8	12.5	20.0	20.0					28.4	28.4	29.9	29.2	9.2	9.0
116 + 69	12.7	13.2	6.0	6.0	8.5	8.8					9.9	10.3	3.0	3.2
117 + 62	13.0	12.8	8.0	8.0	11.6	11.4					13.0	12.8	4.0	3.9
118 + 20	12.8	13.2	4.0	4.0	5.7	5.9					7.1	7.3	2.2	2.3
118 + 48	12.7	13.4	6.0	6.0	8.5	8.9					9.9	10.4	3.0	3.2
118 + 79	12.6	13.3	4.0	4.0	5.6	5.9					7.0	7.4	2.2	2.3
119 + 10	12.5	13.1	4.0	4.0	5.6	5.8					6.9	7.3	2.1	2.2
119 + 43	12.5	12.8	4.0	4.0	5.6	5.7					6.9	7.1	2.1	2.2
119 + 67	12.6	12.6	6.0	6.0	8.4	8.4					9.8	9.8	3.0	3.0
120 + 28	12.7		4.0		5.6						7.1		2.2	
120 + 46		12.0		4.0		5.3						6.7		2.1
120 + 89	12.8	11.9	4.0	4.0	5.7	5.3					7.1	6.6	2.2	2.0
121 + 22	12.9	12.3	4.0	4.0	5.7	5.5					7.2	6.8	2.2	2.1
121 + 47	13.0	12.5	4.0	4.0	5.8	5.6					7.2	6.9	2.2	2.1
SUB-TOTAL					108.2	96.7	23.3	23.1	238.2	238.2	399.6	387.4	123.1	119.3
GRAND TOTAL											**787.0**		**242.4**	
FULL DEPTH (PAVEMENT PATCHING, 13") SUB-TOTAL					11.0	9.0	23.0	23.0	50.0	50.0				
FULL DEPTH (PAVEMENT PATCHING, 13") GRAND TOTAL					**20.0**		**46.0**		**100.0**					
					44200156		44200160		44200162					
GEOTECHNICAL REINFORCEMENT (SQ. YD.)					**166.0**									
					Z0028415									
GRANULAR SUBGRADE REPLACEMENT (CU. YD.)					**27.7**									
					Z0028700									

44000122 40601000

PLOT DATE = Wed Feb 09 10:27:05 2005
FILE NAME = c:\projects\k26580\k26580prtpa.dgn
PLOT SCALE = 50.000 '/ IN.
REFERENCE = REF

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. HORIZ. DRAWN BY
DATE CHECKED BY

PARTIAL DEPTH PATCHING SCHEDULE

DRAINAGE SCHEDULE

LOCATION	OFFSET FT.	XX146400 STORM SEWER REM FT.	60255500 MH TO BE ADJ. EACH	60500040 REM MH EACH	60500060 REM INLETS EACH	60500065 REM INLETS, SPECIAL EACH	550A0050 STORM SEWER CLA T1 12" FT.	550A0340 STORM SEWER CLA T2 12" FT.	550A0120 STORM SEWER CLA T1 24" FT.	550A0410 STORM SEWER CLA T2 24" FT.	60107600 * PIPE UNDER DRAINS 4" FT.	X0322033 STORM SEWER (WATER MAIN REQ) 12" FT.
IL 84 - REMOVAL												
AR LT 117+49 TO LT 118+30		82										
LT 118+30	38.3			1								
LT 118+30 TO LT 118+94		61										
LT 121+10 TO LT 121+64		52										
LT 123+45		4										
IL 84 - NEW												
LT 109+43 (1A) TO LT 110+16 (1B)												
LT 110+16 (1B) TO LT 111+50 (1)							125					
LT 111+50 (1) TO LT 113+50 (2)								194				
LT 113+50 (2) TO LT 115+51 (4)											14	195
LT 115+51 (4) TO LT 116+84 (8)								127				
RT 113+50 (3) TO RT 115+50 (5)												194
RT 115+25 (6) TO RT 115+50 (5)								27				
RT 115+50 (5) TO RT 116+84 (9)								128			17	
RT 117+54 (11) TO RT 116+84 (9)								60				
RT 116+75 (10) TO RT 116+84 (9)								11				
AR RT 116+84 (9) TO LT 116+84 (8)								47			17	
LT 116+84 (8) TO LT 117+10 (7)								26				
LT 116+88 (7A) TO LT 117+10 (7)									13			
AR LT 117+10 (7) TO LT 117+56 (15A)									41			
LT 117+56 (15A) TO LT 118+14 (15)									54			
LT 118+14 (15) TO LT 118+95 (20)									76			
LT 118+89 (21) TO LT 118+95 (20)								19				
LT 120+10 (23) TO LT 120+10 (22)								18				
LT 121+10 (24) TO LT 121+25 (25)										14		
AR LT 121+25 (25) TO LT 121+66 (26)										36		
RT 119+44 (13) TO RT 121+25 (14)							177				34	
RT 121+25 (14) TO RT 123+50 (28)							221					
AR RT 123+50 (28) TO LT 123+45 (27A)								68			26	
LT 123+46 (27A) TO LT 123+45 (27)					1			4				

PLOT DATE = Mon Apr 11 14:38:11 2005
FILE NAME = C:\projects\p205804\d05804qnty.dgn
PLOT SCALE = 50.000 '/ IN.
REFERENCE = REF

CONTRACT NO. 64A10

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M &TS	HENRY	90	25
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DRAINAGE SCHEDULE

LOCATION	OFFSET FT.	XX146400 STORM SEWER REM FT.	60255500 MH TO BE ADJ. EACH	60500040 REM MH EACH	60500060 REM INLETS EACH	60500065 REM INLETS, SPECIAL EACH	550A0050 STORM SEWER CLA T1 12" FT.	550A0340 STORM SEWER CLA T2 12" FT.	550A0120 STORM SEWER CLA T1 24" FT.	550A0410 STORM SEWER CLA T2 24" FT.	60107600 * PIPE UNDER DRAINS 4" FT.	X0322033 STORM SEWER (WATER MAIN REQ) 12" FT.
5TH STREET- REMOVAL AND ADJUST												
LT 8+53	18.3					1						
RT 8+55	19.8					1						
RT 8+76	17.2			1								
AR RT 8+76 TO LT 9+15		51										
RT 9+13	28.5			1								
LT 9+15	15.4			1								
LT 9+15 TO LT 9+62		63										
LT 9+25	11.8		1									
5TH STREET - NEW												
AR LT 8+42 (30) TO RT 8+42 (31)												24
RT 8+42 (31) TO RT 9+00 (32)												54
RT 9+13 (33) TO RT 9+00 (32)												11
RT 9+00 (32) TO RT 177+56 (15A)												57
LT 8+72 (34A) TO LT 9+23 (34A)												
LT 9+23 (34A) TO LT 9+38 (34)												
LT 9+38 (34) TO LT 118+14 (15)												25
AR LT 11+19 (35) TO RT 11+19 (36)							26					
RT 11+19 (36) TO RT 117+54 (11)							77					
TOTALS		313	1	4	1	2	626	729	184	50	108	560

* RT SIDE OF ROAD UNDER WIDENING

**ELBOW SHALL BE INCLUDED IN THE COST OF THE CMP

PLOT DATE = Mon Apr 11 14:38:13 2005
FILE NAME = C:\projects\p205804\d05804qnty.dgn
PLOT SCALE = 50.000 ' / IN.
REFERENCE = REF

CONTRACT NO. 64A10

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M &TS	HENRY	90	26
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DRAINAGE SCHEDULE

		Z0065740 SLOTTED DRAIN 12" W/ VAR SLOT FT.	Z0056900 SAN SEWER 8" FT.	60242400 INLET SPEC. EACH	60242801 INLETS, SPECIAL NO. 5 EACH	60242802 INLETS, SPECIAL NO. 6 EACH	60242803 INLETS, SPECIAL NO. 7 EACH	60236200 INLETS, TYPE A, TYPE 8 GRATE EACH	60218400 MH TA 4' DIA WITH T1 FR CLOSED LID EACH	60223800 MH TA 6' DIA WITH T1 FR CLOSED LID EACH	54213669 PRC FLAR END SEC 24" EACH	542D1060 ** PIPE CULV, CL D, T2 15" FT	20800150 TRENCH BKFL CU. YD.
IL 84 - REMOVAL													
AR LT 117+49 TO LT 118+30													
LT 118+30	38.3												
LT 118+30 TO LT 118+94													
LT 121+10 TO LT 121+64													
LT 123+45													
IL 84 - NEW													
LT 109+43 (1A) TO LT 110+16 (1B)		72											5.7
LT 110+16 (1B) TO LT 111+50 (1)				1									13.8
LT 111+50 (1) TO LT 113+50 (2)						1							141.2
LT 113+50 (2) TO LT 115+51 (4)					1								148.2
LT 115+51 (4) TO LT 116+84 (8)					1								88.4
RT 113+50 (3) TO RT 115+50 (5)					1								17.4
RT 115+25 (6) TO RT 115+50 (5)								1					
RT 115+50 (5) TO RT 116+84 (9)					1								28.9
RT 117+54 (11) TO RT 116+84 (9)					1								17.9
RT 116+75 (10) TO RT 116+84 (9)								1					
AR RT 116+84 (9) TO LT 116+84 (8)					1								10.6
LT 116+84 (8) TO LT 117+10 (7)					1								8.1
LT 116+88 (7A) TO LT 117+10 (7)											1		
AR LT 117+10 (7) TO LT 117+56 (15A)										1			5.4
LT 117+56 (15A) TO LT 118+14 (15)			20							1			8.7
LT 118+14 (15) TO LT 118+95 (20)										1			
LT 118+89 (21) TO LT 118+95 (20)					1								
LT 120+10 (23) TO LT 120+10 (22)					1								
LT 121+10 (24) TO LT 121+25 (25)													
AR LT 121+25 (25) TO LT 121+66 (26)					1								43.7
RT 119+44 (13) TO RT 121+25 (14)								1					
RT 121+25 (14) TO RT 123+50 (28)								1					
AR RT 123+50 (28) TO LT 123+45 (27A)								1					23.2
LT 123+46 (27A) TO LT 123+45 (27)				1									4.1
5TH STREET- REMOVAL AND ADJUST													
LT 8+53	18.3												
RT 8+55	19.8												
RT 8+76	17.2												
AR RT 8+76 TO LT 9+15													
RT 9+13	28.5												
LT 9+15	15.4												
LT 9+15 TO LT 9+62													
LT 9+25	11.8												
5TH STREET - NEW													
AR LT 8+42 (30) TO RT 8+42 (31)			20	1									0.0
RT 8+42 (31) TO RT 9+00 (32)				1									7.7
RT 9+13 (33) TO RT 9+00 (32)									1				
RT 9+00 (32) TO RT 177+56 (15A)							1						12.9
LT 8+72 (34A) TO LT 9+23 (34A)		51											4.0
LT 9+23 (34A) TO LT 9+38 (34)												16	
LT 9+38 (34) TO LT 118+14 (15)					1								7.2
AR LT 11+19 (35) TO RT 11+19 (36)			20	1									0.0
RT 11+19 (36) TO RT 117+54 (11)				1									8.5
TOTALS		123	60	6	11	1	1	5	1	3	1	16	605.4

PLOT DATE = Mon Apr 11 14:38:12 2005
FILE NAME = C:\projects\p205804\d05804qnty.dgn
PLOT SCALE = 50.000 ' / IN.
REFERENCE = REF

CONTRACT NO. 64A10

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	27
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PLAN
SURVEYED
DRAWN
ALIGNMENT CHECKED
ELEV'S CHECKED
NOTE BOOK
NO.
DATE

PROFILE
SURVEYED
DRAWN
GRADES CHECKED
NOTE BOOK
NO.
STRUCTURE NO(S)/HS CRVD

BERNIECE KERSHAW
KYLE C. & LINDA K. MEIER
DARWIN & BARBARA KERSHAW
BERNIECE KERSHAW
IMPROVEMENT ENDS STA. 125+27.91
8" BIT SHOULDER SUPERPAVE 5½"
EXISTING R.O.W.
CONSTRUCTION LIMITS
VV TO BE ADJUSTED
STA 123+47 CLB PATCH, T2, 13"
REM EXIST CMP
FILLING EXISTING CULVERT
IL RTE 84
MON WELL ABANDONMENT
MATCH LINE STA. 119+00
COMB CC&G TB 6.24
FEDERAL HOME LOAN MORT CO.
ROBERT FREDRICK
JOHN F. DURBIN
JOHN F. & MARGARET DURBIN
GREGORY L. & DEAN DEPORTER
6TH ST
MICHAEL & JOANN FOSS
MOSS MANAGEMENT INC.
JASPALS ILL SEVEN LLC

EARTH EX=1310.6 CUYD
EMBANKMENT=293.3 CUYD
WASTE=696.6 CUYD

SLOPE 1:1.5
TRENCH BACKFILL
EL=562.48
EL=562.06
ROCK PROFILE

125+00	124+50	124+00	123+50	123+00	122+50	122+00	121+50	121+00	120+50	120+00	119+50	119+00
574.78	574.74	574.77	574.80	574.84	574.88	574.92	574.94	574.97	575.00	575.03	575.07	575.11	575.13	575.16	575.24	575.33	575.40	575.36	575.31	575.29	575.31	575.34	575.38	575.42
574.78	574.74	574.77	574.80	574.84	574.88	574.92	574.94	574.97	575.00	575.03	575.07	575.11	575.13	575.16	575.24	575.54	575.61	575.56	575.52	575.49	575.52	575.55	575.59	575.63

600 595 590 585 580 575 570 565 560

PLOT DATE = Mon Apr 11 14:48:43 2005
FILE NAME = C:\projects\c285084\d85084plnldgn
PLOT SCALE = 40.0000 ' / In.
REFERENCE = #REF#

CONTRACT NO. 64A10

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	28
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DEPARTMENT OF TRANSPORTATION
STATE OF ILLINOIS

PLAN
SURVEYED
DRAWN
ALIGNMENT CHECKED
GRADES CHECKED
NOTE BOOK
NO.
DATE
BY

PROFILE
SURVEYED
DRAWN
GRADES CHECKED
NOTE BOOK
NO.
STRUCTURE NO.(IF APPLICABLE)

BERNIECE KERSHAW
UNITED STORAGE ASSOC., INC.
JASPALS ILL SEVEN LLC
REGGENTIN FAMILY TRUST
SUPER WASH INC.
MICHAEL RICHARDS

COMB CC&G TB 6.24
EXISTING R.O.W.
PROPOSED R.O.W.
CONSTRUCTION LIMITS
PCC SIDEWALK 5"
FDN REM
REM EXIST CMP
MON WELL ABANDONMENT
INSPECTION WELL
VV TO BE ADJUSTED
FH TO BE MOVED
GUTTER OUTLET REMOVED
STA 115+50.4 CLB PATCH, T2, 13"
STA 117+07 CLB PATCH, T2, 13"
STA 113+49.1 CLB PATCH, T2, 13"
MATCH LINE STA. 119+00
MATCH LINE STA. 113+00
IL 84
3RD ST
5TH ST
PUMP ISLANDS
CANOPY
MISC CONC SLAB
BIT PARKING
RETAINING WALL
LANDSCAPE EDGE
PORCH
SIGN

EARTH EX=1310.6 CUYD
EMBANKMENT=293.3 CUYD
WASTE=696.6 CUYD

EARTH EX=1279.8 CUYD
EMBANKMENT=541.2 CUYD
WASTE=418.7 CUYD

TRENCH BACKFILL
ROCK PROFILE
SLOPE 1:1.5
EL=566.36
EL=565.32
EL=567.53
EL=567.12
EL=573.38
EL=572.96

119+00	118+50	118+00	117+50	117+00	116+50	116+00	115+50	115+00	114+50	114+00	113+50	113+00
575.42 / 575.63	575.47 / 575.68	575.52 / 575.73	575.56 / 575.76	575.59 / 575.80	575.64 / 575.84	575.82 / 576.03	576.02 / 576.23	576.27 / 576.48	576.53 / 576.74	576.85 / 577.06	577.20 / 577.40	577.62 / 577.83	578.06 / 578.27	578.57 / 578.78	579.12 / 579.33	579.67 / 579.88	580.31 / 580.52	580.97 / 581.18	581.63 / 581.84	582.34 / 582.55	583.06 / 583.27	583.86 / 584.07	584.67 / 584.88	585.45 / 585.65

IL 84

PLOT DATE = Mon Apr 11 14:40:43 2005
FILE NAME = C:\projects\x20508A\d20508ainit.dgn
PLOT SCALE = 1.0000 '/ IN.
REFERENCES = #REFs

CONTRACT NO. 64A10

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	29
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PLAN — SURVEYED, PLOTTED, DRAWN, CHECKED, BY:, NOTE BOOK, NO., DATE

PROFILE — SURVEYED, PLOTTED, DRAWN, CHECKED, BM NOTED, STRUCTURE NO'S FROM CROSS, BY:, NOTE BOOK, NO., DATE

EXISTING R.O.W.

CONSTRUCTION LIMITS

COMB CC&G TB 6.24

MATCH LINE STA. 113+00

IL RTE 84

AGG

PI STA. 111+51.99

CONC. 30'

PC STA. 97+37

BIT.

FDN

EXISTING R.O.W.

CONSTRUCTION LIMITS

SECTION BEGINS STA. 110+1.05

STANDARD INLET FOR CURB & GUTTER 6.24

IMPROVEMENT BEGINS STA. 109+25.79

BIT. 32'

CONC. 46+

110+00

100+00

109

108

107

BIT. BIT

COMB CC&G TB 6.24

FH TO BE ADJUSTED

AGG PARKING

BIT PARKING

LANDSCAPE EDGE

PORCH

H

C

MISC CONC SLAB

SIGN

CE

12" CMP

3RD ST

4TH ST

CONC PARKING

PI STA. = 106+03.66
Δ = 90° 18' 01" (LT)
D = 5° 57' 51"
R = 960.66'
T = 965.71'
L = 1,514.04'
E = 401.49'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 96+37.95
P.T. STA. = 111+51.99

JONES PROPERTIES LLC

ROBERT PETERSON

N

	600	595	590	585	580	575	570	565	560
					ROCK PROFILE				
113+00		585.65		585.45					
112+50		586.41		586.20					
112+00		587.16		586.96					
111+50		587.76		587.55					
111+00		588.34		588.13					
110+50		588.89		588.68					
110+00		589.34		589.13					
109+50		589.79		589.58					
109+00		590.18		589.97					
		590.48		590.27					
		590.72		590.51					
		590.91		590.70					
		591.00		590.80					
		590.86		590.86					
		591.08		590.87					
		591.04		590.83					
		591.00		590.79					

3RD ST

EARTH EX=1279.8 CUYD
EMBANKMENT=541.2 CUYD
WASTE=418.7 CUYD

PLOT DATE = Mon Apr 11 14:48:44 2005
FILE NAME = C:\projects\c2R5804\d0588\plan\dgn
PLOT SCALE = 20.0000 ' / IN.
REFERENCE = #REF#

IL 84

CONTRACT NO. 64A10

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	30
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PLAN
SURVEYED
DRAWN
ALIGNMENT CHECKED
NOTE BOOK
STA. OF P.I.'S CHECKED
NO.
MAP FILE NAME

PROFILE
SURVEYED
DRAWN
GRADES CHECKED
NOTE BOOK
STA. NOTED
NO.
STRUCTURE NOTATIONS CKD

DATE
BY

JASPALS ILL SEVEN LLC

BERNIECE KERSHAW

REGGENTIN FAMILY TRUST

UNITED STORAGE ASSOC., INC.

5TH ST

IL 84

MON WELL ABANDONMENT

VV TO BE ADJUSTED

FH TO BE MOVED

ROCK PROFILE

VPI STA. 9+87.00
ELEVATION 575.65
-1.50%
+1.50%
0.58%

VPI STA. 10+00.00
ELEVATION 575.85
+1.50%
-1.50%

VPI STA. 10+13.00
ELEVATION 575.65
-1.50%
0.88%

574.77

574.67

EARTH EX=1107.2 CUYD
EMBANKMENT=32.9 CUYD
WASTE=797.5 CUYD

	8+00	8+50	9+00	9+50	10+00	10+50	11+00	11+50	12+00
EXISTING	574.65	574.74	574.82	574.90	575.05	575.15	575.15	575.26	575.63
PROPOSED			574.86	575.00	575.15	575.29	575.44	575.59	575.85
EXISTING	575.11	574.97	574.84	574.72	574.67	574.58	574.50	574.45	
PROPOSED	575.55	575.33	575.11	574.89	574.67				

585 580 575 570 565 560 555 550 545

PLOT DATE = Mon Apr 11 14:48:44 2005
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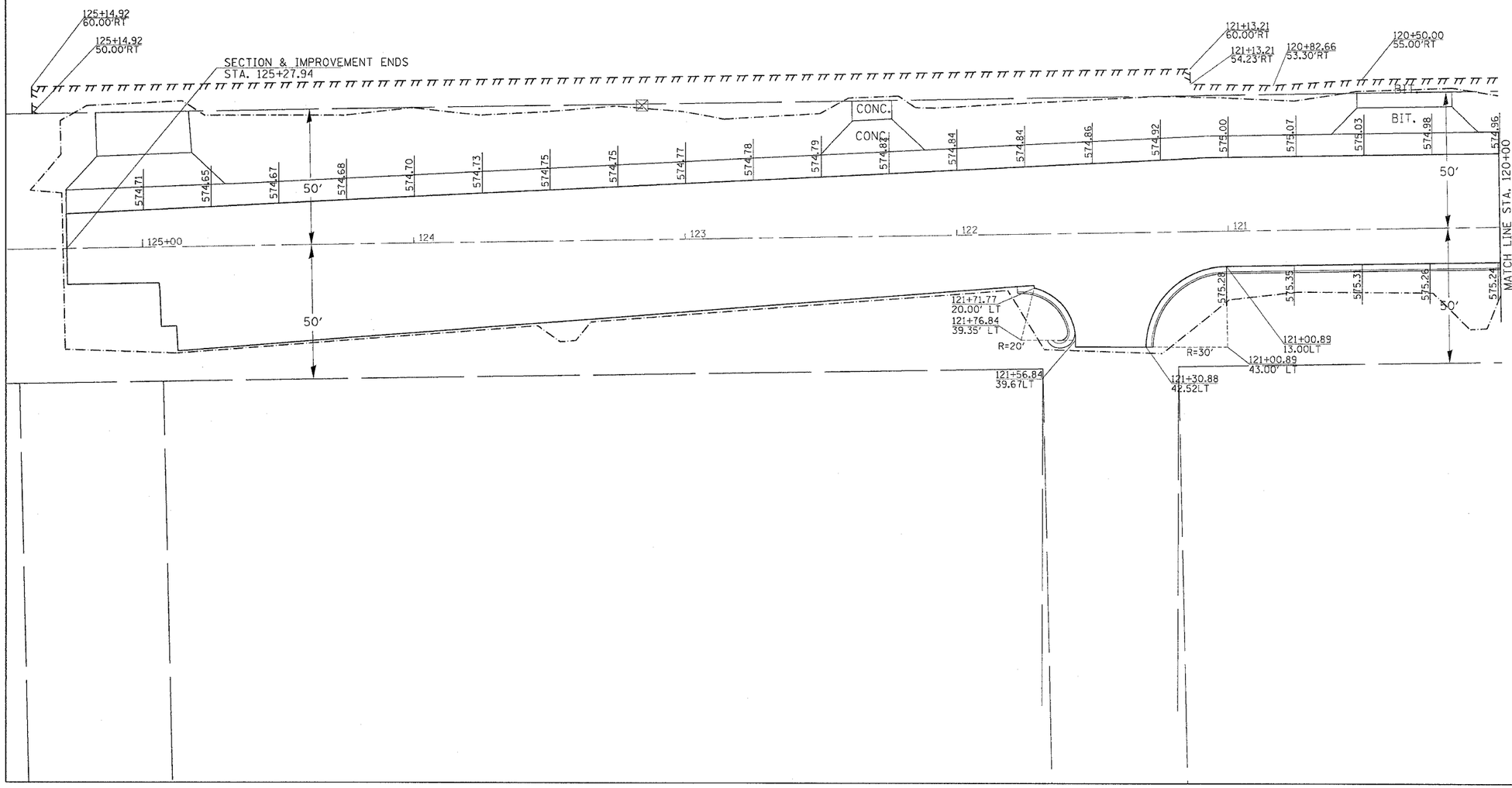
PLOT SCALE = 20.0000 ' / IN.
REFERENCE = #REF#

5TH ST

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	31
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 64A10

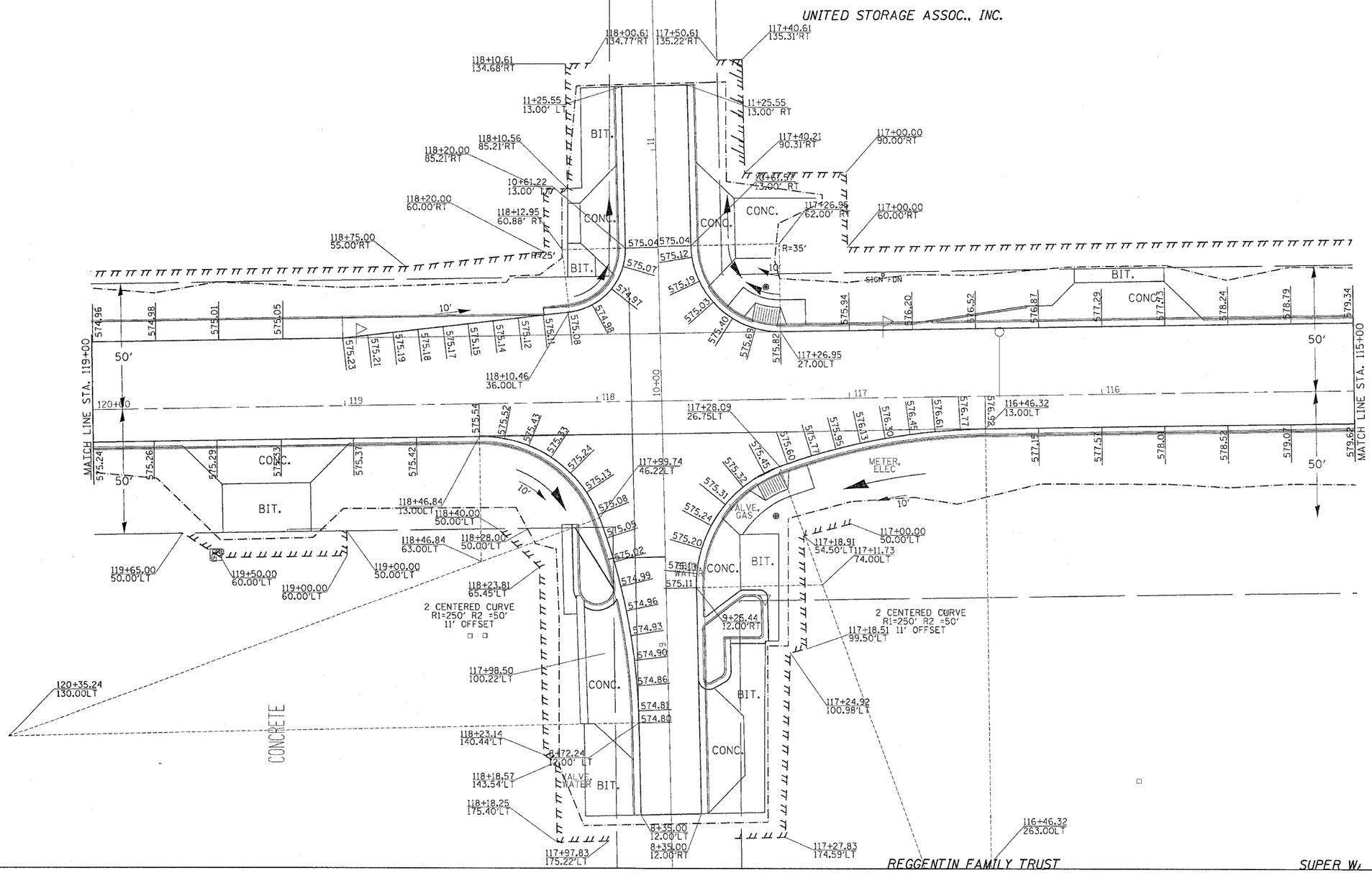
PAVEMENT ELEVATIONS
R.O.W. & EASEMENTS



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	32
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 64A10

PAVEMENT ELEVATIONS
R.O.W. & EASEMENTS

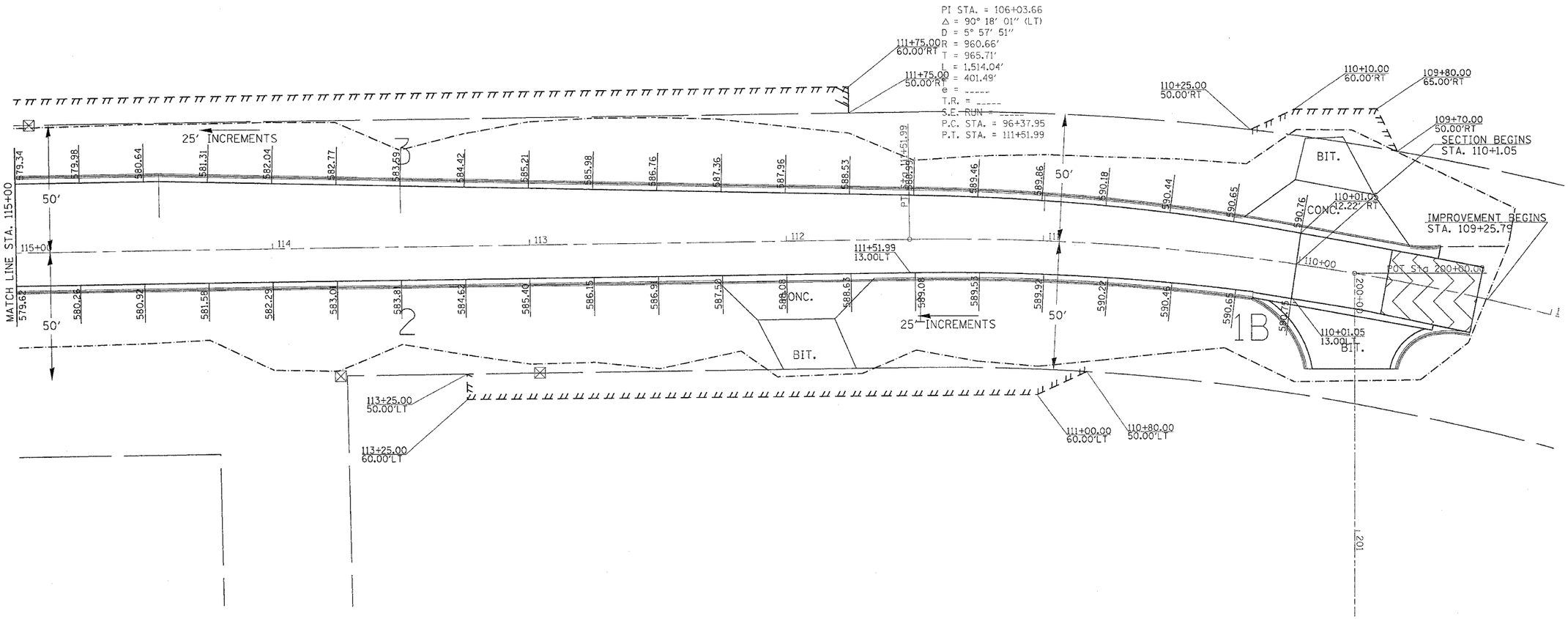


PAVEMENT ELEVATIONS
R.O.W. & EASEMENTS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	33
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 64A10

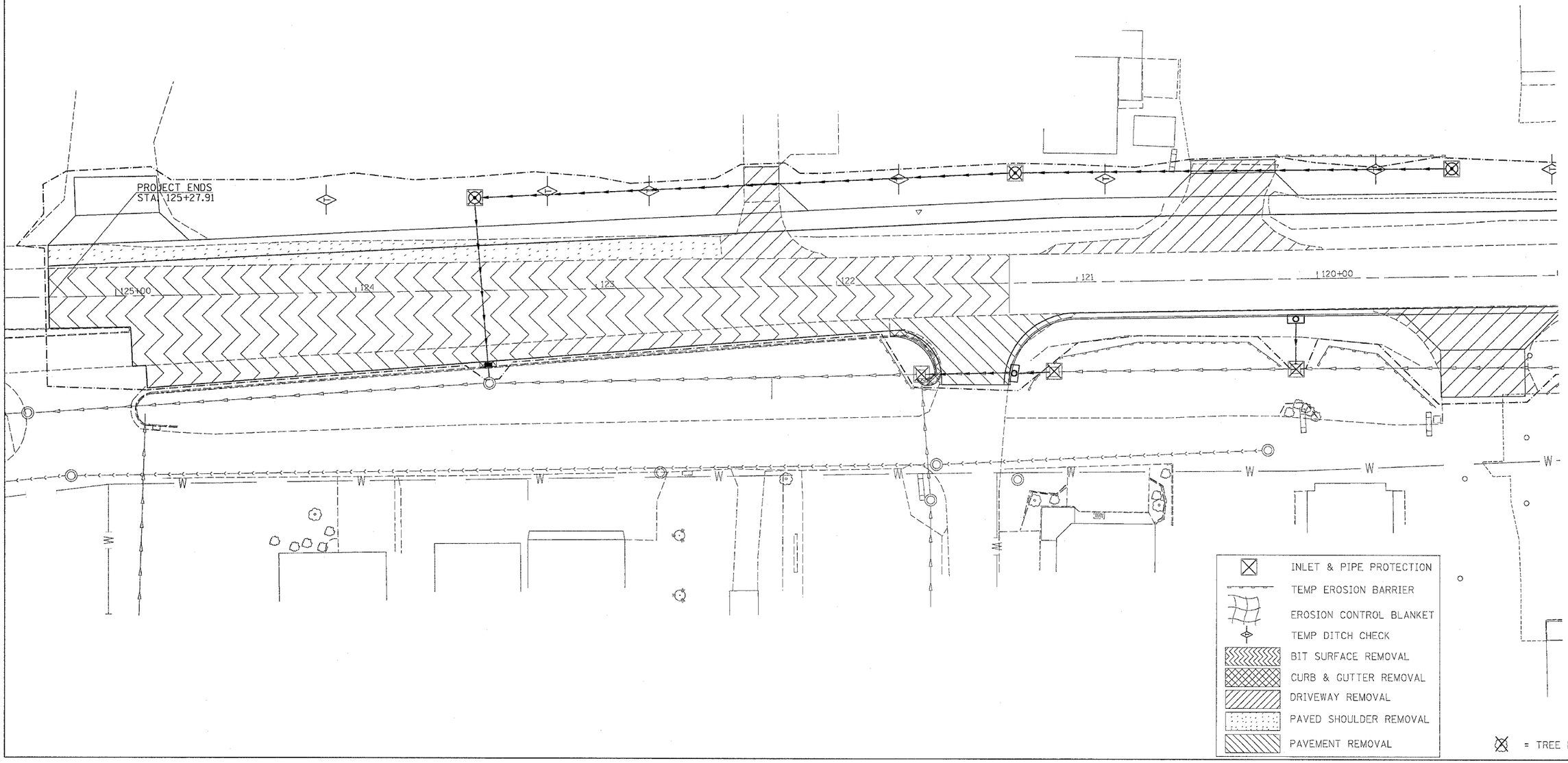
PAVEMENT ELEVATIONS
R.O.W. & EASEMENTS



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	34
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 64A10

REMOVAL DETAILS & EROSION CONTROL



REMOVAL DETAILS & EROSION CONTROL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	35
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 64A10

N

MATCH LINE STA. 119+00

MATCH LINE STA. 113+00

SIGN FDN

119 118 117 116 115+00 114

10+00

W

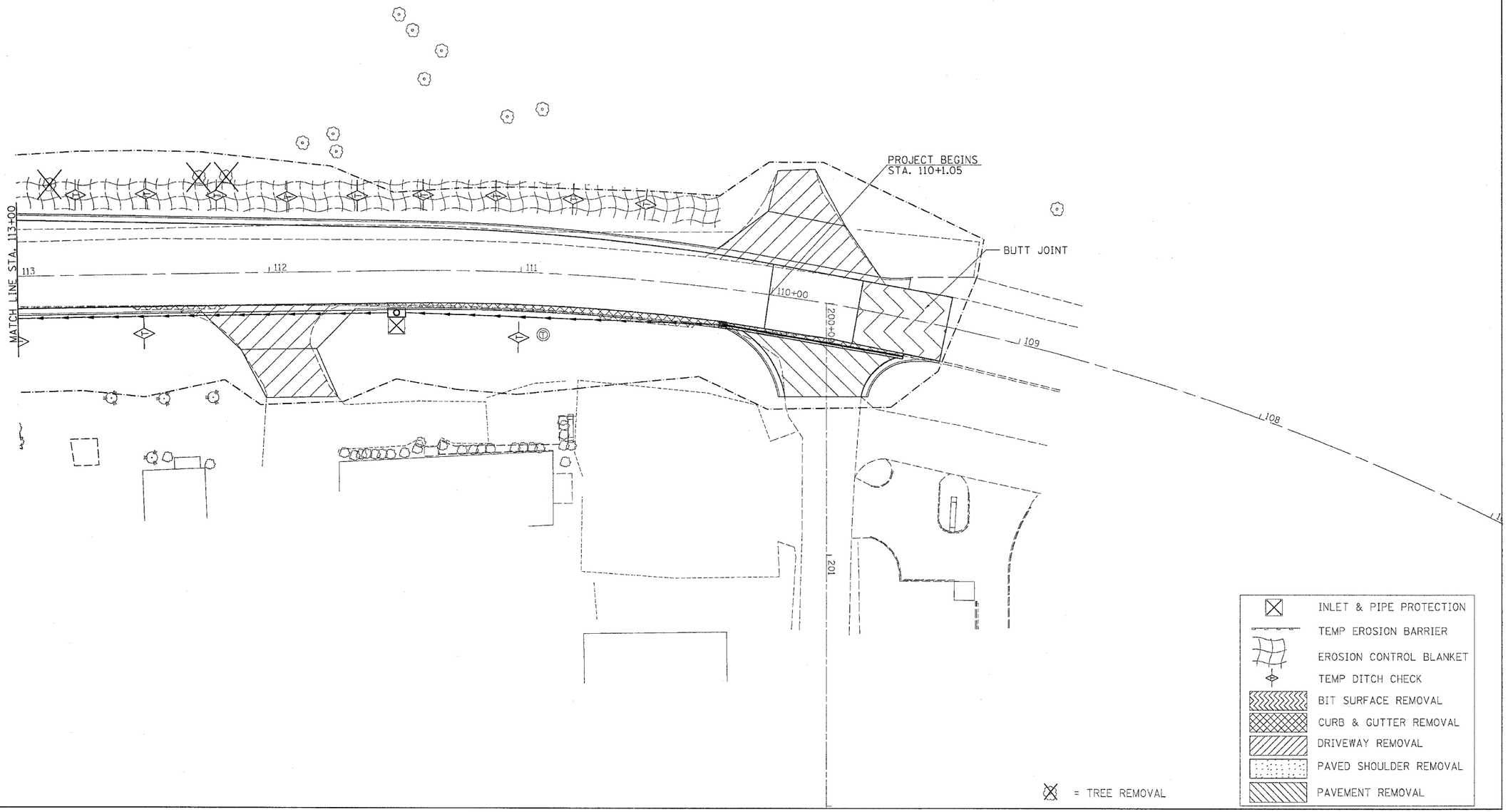
= TREE REMOVAL

- INLET & PIPE PROTECTION
- TEMP EROSION BARRIER
- EROSION CONTROL BLANKET
- TEMP DITCH CHECK
- BIT SURFACE REMOVAL
- CURB & GUTTER REMOVAL
- DRIVEWAY REMOVAL
- PAVED SHOULDER REMOVAL
- PAVEMENT REMOVAL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	36
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 64A10

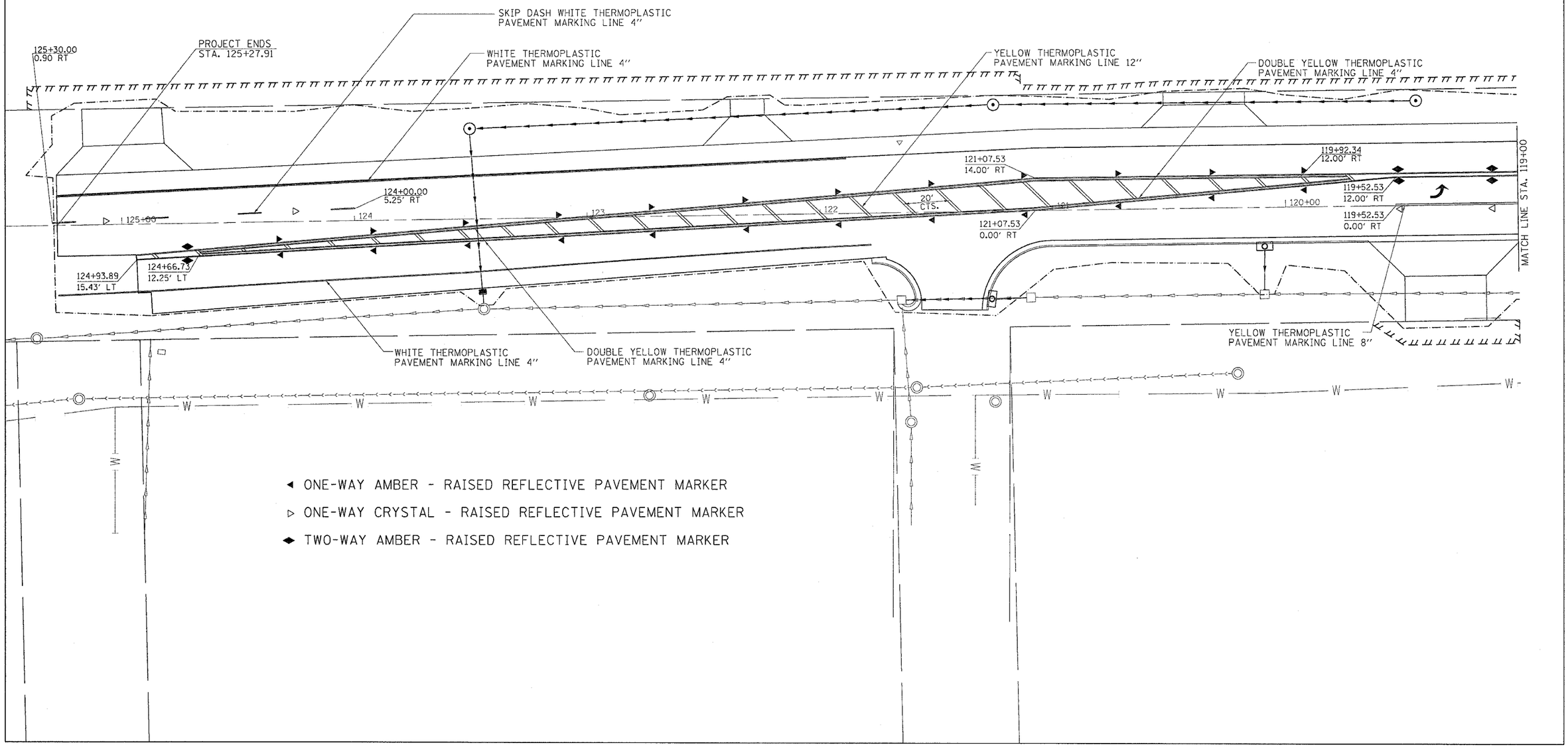
REMOVAL DETAILS & EROSION CONTROL



PAVEMENT MARKING DETAILS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	37
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

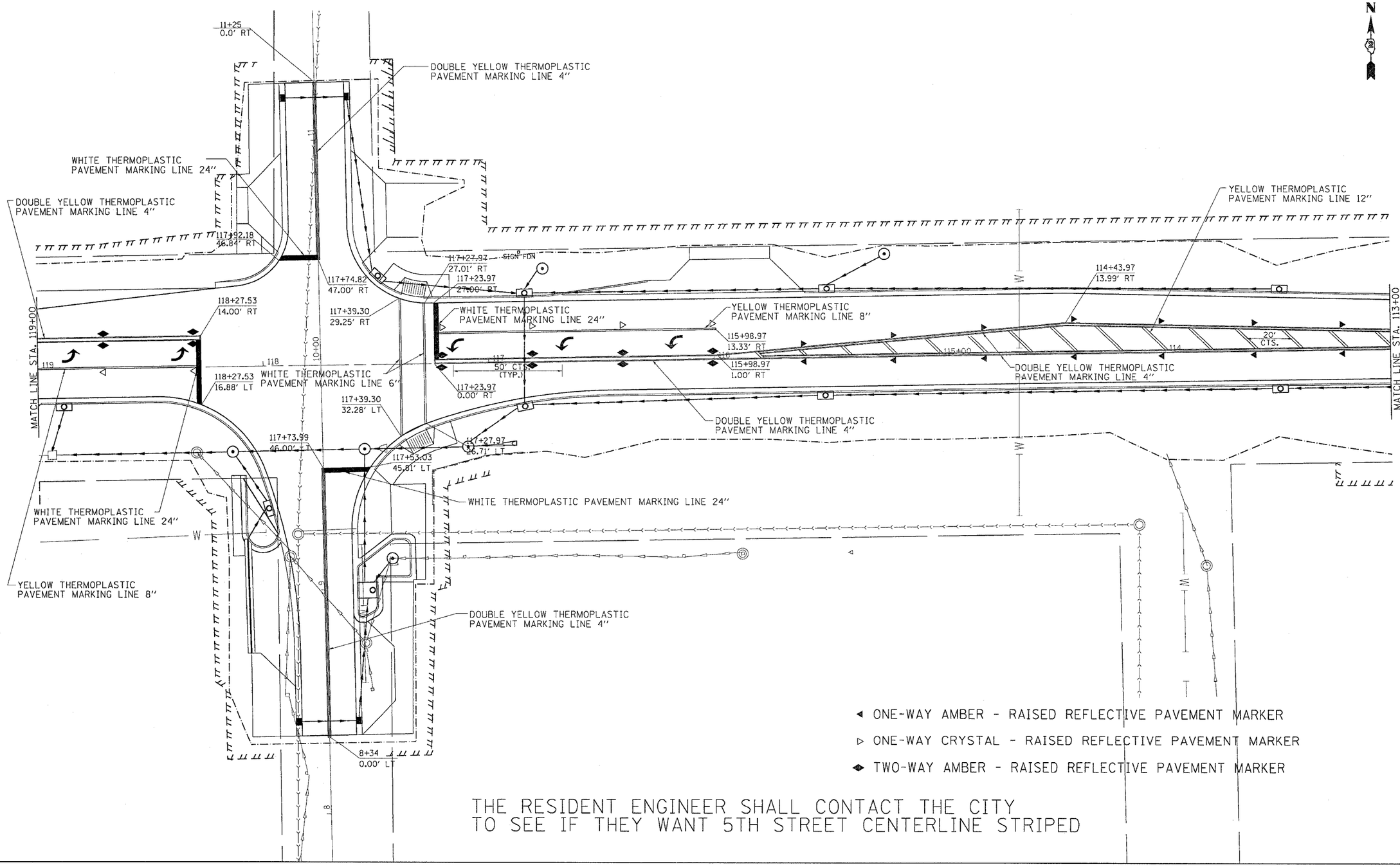
CONTRACT NO. 64A10



PAVEMENT MARKING DETAILS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	38
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 64A10

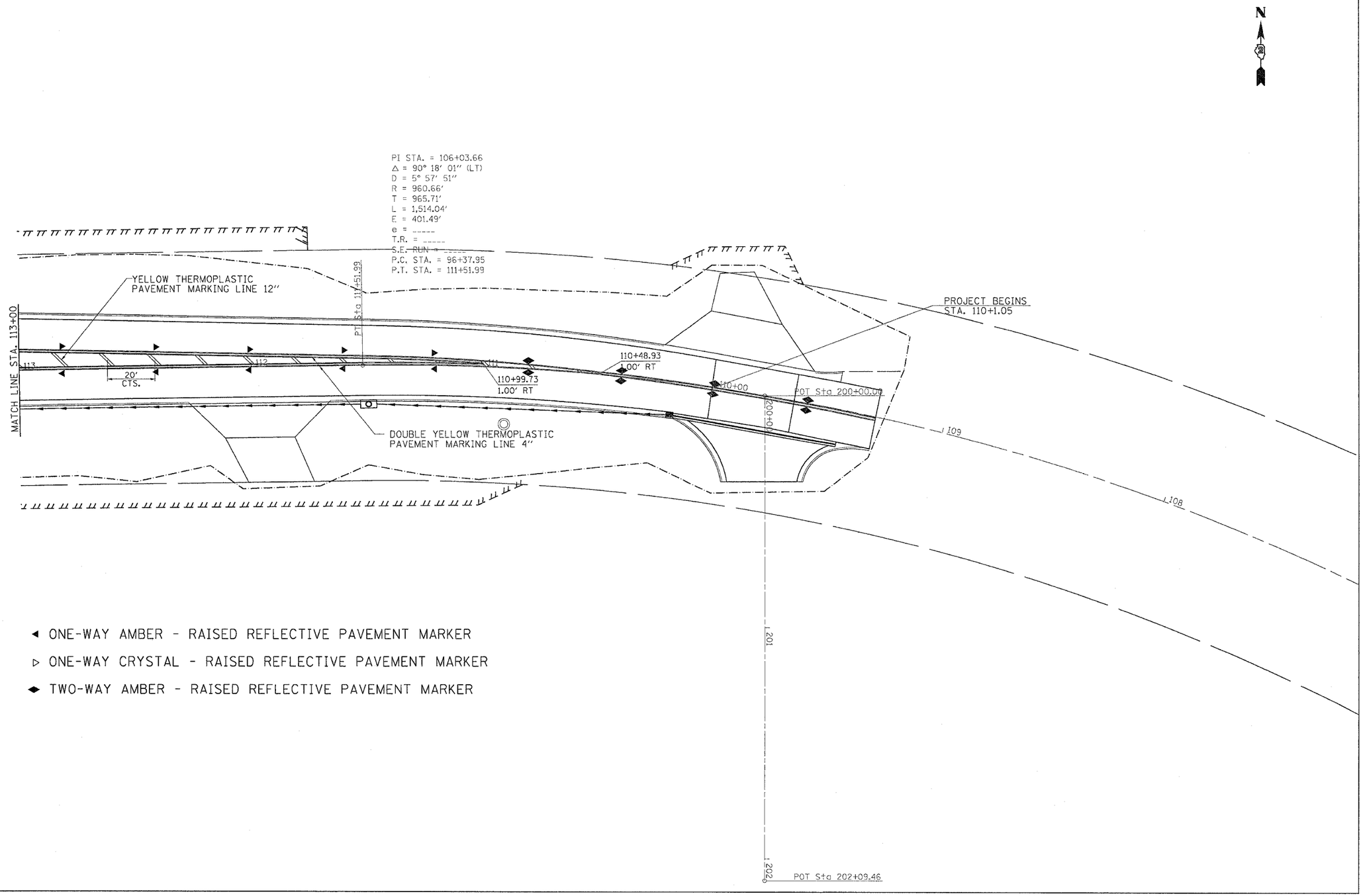


THE RESIDENT ENGINEER SHALL CONTACT THE CITY TO SEE IF THEY WANT 5TH STREET CENTERLINE STRIPED

PAVEMENT MARKING DETAILS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	39
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 64A10



◂ ONE-WAY AMBER - RAISED REFLECTIVE PAVEMENT MARKER

▷ ONE-WAY CRYSTAL - RAISED REFLECTIVE PAVEMENT MARKER

◂▸ TWO-WAY AMBER - RAISED REFLECTIVE PAVEMENT MARKER

CONTRACT NO. 64A10

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	40
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PLAN — SURVEYED / DRAWN / ALIGNMENT CHECKED / GRADES CHECKED / BY / DATE / NOTE BOOK / NO. / CADD FILE NAME

PROFILE — SURVEYED / DRAWN / ALIGNMENT CHECKED / GRADES CHECKED / BY / DATE / NOTE BOOK / NO. / STRUCTURE NO.FAP 595 (2R) M&TS CKKQ

N

NO. MH 28
STA 123+50
38.97' RT
INLET TA WITH T8 GRATE
LID ELEV = 572.00
FLOW ELEV = 568.50

68' SS-CL A-T2-12"
℄ 568.50 - 566.60

221' SS-CL A-T1-12"
℄ 569.85 - 568.85

NO. MH 14
STA 121+25.00
45.92' RT
INLET TA WITH T8 GRATE
LID ELEV = 572.44
FLOW ELEV = 569.85

NO.MH 13
STA 119+44.00
45.11' RT
INLET TA WITH T8 GRATE
LID ELEV = 572.40
FLOW ELEV = 570.65

177' SS-CL A-T1-12"
℄ 570.65-569.85

15" RCP

15" CMP

18" CMP

125+00 | 124 | 123 | 122 | 121 | 120+00 | IL 84

MATCH LINE STA. 119+00

NO. IN 27A
STA 123+46.00
30.18' LT
INLET SPECIAL
WEIR ELEV = 573.66
FLOW ELEV =566.60

4' SS-CL A-T2-12"
℄ 566.60 - 566.50

INLET REM

4' SS REM

NO. MH 27
STA 123+45.00
38.94' LT
EXISTING INLET
LID ELEV = 573.71
FLOW ELEV = 566.50

52' SS REM

14' SS-CL A-T2-24"
℄ 566.86 - 566.79

NO. IN 26
STA 121+66.00
37.80' LT
EXISTING INLET
WEIR ELEV = 573.15
FLOW ELEV = 566.59

NO. IN 24
STA 121+10.00
37.50' LT
EXISTING INLET
WEIR ELEV = 571.09
FLOW ELEV = 566.86

NO. IN 23
STA 120+10.00
15.00' LT
INLET SPECIAL NO. 5
WEIR ELEV = 574.81
FLOW ELEV = 567.90

18' SS-CL A-T2-12"
℄ 567.90 - 567.60

36' SS-CL A-T2-24"
℄ 566.79 - 566.69

6TH ST

NO. IN 25
STA 121+25.00
37.57' LT
INLET SPECIAL NO. 5
WEIR ELEV = 575.37
FLOW ELEV = 566.79

NO. IN 22
STA 120+10.00
37.50' LT
EXISTING INLET
WEIR ELEV = 571.82
FLOW ELEV = 567.60

W

605
600
595
590
585
580
575
570
565

221' SS-CL A-T1-12"
S=0.45%

68' SS-CL A-T2-12"
S=2.79%

4' SS-CL A-T2-12"
S=2.50%

EXISTING 24" SS

36" SS-CL A-T2-24"
S=0.28%

14' SS-CL A-T2-24"
S=0.50%

177' SS-CL A-T1-12"
S=0.45%

18' SS-CL A-T2-12"
S=1.67%

EXISTING 24" SS

EXISTING 24" SS

125+00	124+50	124+00	123+50	123+00	122+50	122+00	121+50	121+00	120+50	120+00	119+50	119+00
574.78	574.77	574.84	574.92	574.97	575.03	575.11	575.16	575.33	575.36	575.29	575.34	575.42
574.78	574.77	574.84	574.88	574.94	575.00	575.03	575.07	575.13	575.24	575.54	575.61	575.56	575.52	575.49	575.55	575.59	575.63
574.74	574.80	574.88	574.94	575.00	575.07	575.13	575.16	575.24	575.33	575.40	575.36	575.31	575.31	575.34	575.38	575.42	
574.74	574.80	574.92	574.97	575.03	575.11	575.16	575.24	575.31	575.40	575.52	575.56	575.49	575.52	575.55	575.59	575.63	

PLOT DATE = Mon Apr 11 14:42:16 2005
FILE NAME = c:\projects\c2859804\c2859804dr.dgn
PLOT SCALE = 40.0000 ' / IN.
PLOT SCALE = #REF#
REFERENCE

DRAINAGE DETAILS

CONTRACT NO. 64A10

F.A.P LTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	41
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PLAN — SURVEYED / DRAWN / ALIGNMENT CHECKED / BY / NOTE BOOK / NO. / CADD FILE NAME / DATE

PROFILE — SURVEYED / DRAWN / GRADES CHECKED / BY / NOTE BOOK / NO. / STRUCTURE NO'S/PINS CHKD

NO. IN 11
STA 117+54.00
38.19' LT
INLET SPECIAL NO. 5
WEIR ELEV = 574.90
FLOW ELEV = 571.70

NO. IN 9
STA 116+83.69
29.00' RT
INLET SPECIAL NO. 5
WEIR ELEV = 575.57
FLOW ELEV = 571.40

NO. IN 5
STA 115+50
29.00' RT
INLET SPECIAL NO. 5
WEIR ELEV = 577.87
FLOW ELEV = 572.83

NO. MH6
STA 115+25.00
45.76' RT
INLET TA WITH T8 GRATE
LID ELEV = 576.10
FLOW ELEV = 572.95

NO. IN 3
STA 113+50.00
25.84' RT
INLET SPECIAL NO. 5
WEIR ELEV = 582.99
FLOW ELEV = 579.00

60' SS-CL A-T2-12"
℄ 571.80-571.50

NO. MH 10
STA 116+75.00
41.58' RT
INLET TA WITH T8 GRATE
LID ELEV = 574.00
FLOW ELEV = 571.70

27' SS-CL A-T2-12"
℄ 572.95-572.80

128' SS-CL A-T2-12"
℄ 572.80-572.20

194' SS-WATER MAIN REQ-12"
℄ 579.00-576.00

15" CMP
15" CMP
12" CMP

11' SS-CL A-T2-12"
℄ 571.70-571.50

47' SS-CL A-T2-12"
℄ 571.50-571.20

26' SS-CL A-T2-12"
℄ 571.15-571.00

MATCH LINE STA. 119+00

NO. MH 15
STA 118+13.80
38.14' LT
MH TA 6' DIA WITH T1 FR CLOSED LID
LID ELEV = 573.99
FLOW ELEV = 568.57

NO. MH 15A
STA 117+55.52
37.7' LT
MH TA 6' DIA WITH T1 FR CLOSED LID
LID ELEV = 574.98
FLOW ELEV = 569.80

IL 84

MH REM

61' SS-REM

82' SS REM

24" RCP

NO IN 8
STA 116+83.69
17.80' LT
INLET SPECIAL NO. 5
WEIR ELEV = 575.60
FLOW ELEV = 571.00

127' SS-CL A-T2-12"
℄ 572.40-571.25

NO. IN 4
STA 115+51
15.00' LT
INLET SPECIAL NO. 5
WEIR ELEV = 578.08
FLOW ELEV = 572.40

195' SS-WATER MAIN REQ-12"
℄ 578.00 - 572.40

IN. NO 2
STA 113+50.00
15.00' LT
INLET SPECIAL NO. 5
WEIR ELEV = 583.14
FLOW ELEV = 578.00

MATCH LINE STA. 113+00

76' SS-CL A-T1-24"
℄ 570.70-570.14

NO. IN 21
STA 118+89.00
15.00' LT
INLET SPECIAL NO. 5
WEIR ELEV = 574.95
FLOW ELEV = 568.27

19' SS-CL A-T2-12"
℄ 569.75-568.75

NO. IN 20
STA 118+95.00
38.26' LT
EXISTING INLET
WEIR ELEV = 572.50
FLOW ELEV = 568.07

94' SS-CL A-T1-24"
℄ 570.86-570.70

MH ADJ

MH REM

MH REM

5TH ST

41' SS-CL A-T1-24"
℄ 571.00-570.86

SEE SPECIAL DETAIL "A"

NO. FE 7A
STA 116+88.00
36.34' LT
PRC FLARE END SECTION 24"
FLOW ELEV = 571.40

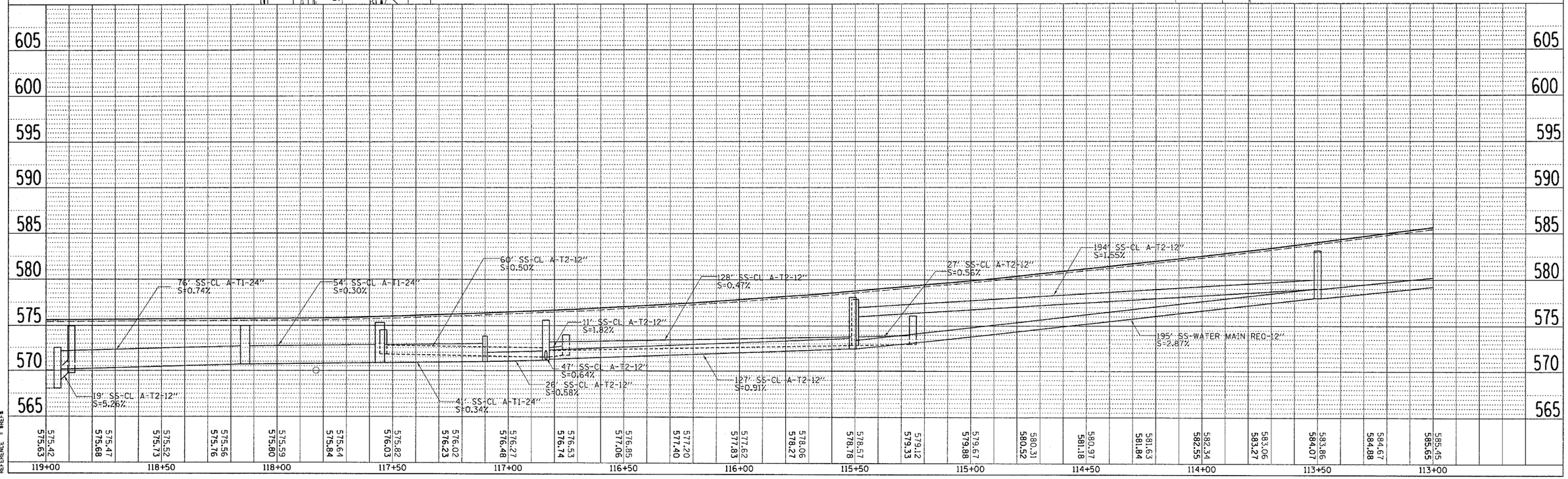
13' SS-CL A-T1-24"
℄ 571.10-571.00

9" CMP
12" CMP

NO. MH 7
STA 117+10.00
37.23' LT
MH TA 6' DIA WITH T1 FR CLOSED LID
LID ELEV = 573.86
FLOW ELEV = 571.00

15" CMP

119 | IL 84 | 117 | 116 | 115+00 | 114



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PLOT SCALE = 20.0000 '/ IN.
PLOT STYLE = #REF#

DRAINAGE DETAILS

CONTRACT NO. 64A10

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	42
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PLAN
SURVEYED
PLOTTED
NOTE BOOK
NO.
DRAWN
CHECKED
R.O.W. CHECKED
DGN. FILE NAME
DATE

PROFILE
SURVEYED
PLOTTED
NOTE BOOK
NO.
DRAWN
CHECKED
D.M. NOTED
STRUCTURE NOTATIONS CHKD
BY
DATE

MATCH LINE STA. 113+00

194' SS-CL A-T2-12"
℄ 583.00 - 578.00

NO. IN 1
STA 111+50.00
15.00' LT
INLET SPECIAL NO. 6
WEIR ELEV = 588.22
FLOW ELEV = 583.00

125' SS-CL A-T1-12"
℄ 587.45-586.22

NO. IN 1B
STA 110+16.00
13.00' RT
INLET SPECIAL
WEIR ELEV = 589.00
FLOW ELEV = 587.45

NO. SD 1A
72' SLOT DR 12" W/ VARIBLE SLOT"
℄ 588.14-587.45

12" CMP

201

202

4TH ST

194' SS-CL A-T2-12"
S=2.58%

125' SS-CL A-T1-12"
S=0.98%

72' SLOT DR 12" W/ 2"
℄=0.96%

	605	600	595	590	585	580	575	570	565
	585.45								585.65
		586.20							586.41
			586.96						587.16
			587.55						587.76
				588.13					588.34
				588.68					588.89
				589.13					589.34
				589.58					589.79
				589.97					590.18
				590.27					590.48
				590.51					590.72
				590.70					590.91
				590.80					591.00
				590.86					590.86
				590.87					591.08
				590.83					591.04
				590.79					591.00
	113+00	112+50	112+00	111+50	111+00	110+50	110+00	109+50	109+00

PLOT DATE = Mon Apr 11 14:42:17 2005
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PLOT SCALE = 20.0000 ' / IN.
REFERENCE = REF

DRAINAGE DETAILS

CONTRACT NO. 64A10

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	43
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PLAN
SURVEYED / DRAWN / ALIGNMENT CHECKED / GRADES CHECKED / QUANTITIES CHECKED / CADD FILE NAME / NOTE BOOK / NO. / DATE

25' SS-WATER MAIN REQ-12"
℄ 570.90-570.70

NO. IN 34
STA 9+37.50
22.20' LT
INLET SPECIAL NO. 5
WEIR ELEV = 574.56
FLOW ELEV = 570.90

NO. IN 30
STA 8+41.50
12.00' LT
INLET SPECIAL
WEIR ELEV = 574.09
FLOW ELEV = 573.00

16' PIPE CULV CL D, T2, 15"
ELBOW TO BE INCLUDED IN COST OF PIPE
NO. SD 34A
51' SLOT DR 12" W/ VAR SLOT
℄ 573.00-572.75

TIE EXIST SS INTO INLET SP

24' SS-WATER MAIN REQ-12"
℄ 573.00-572.00

MH REM

63' SS REM

MH ADJ

24' RCP

61' CMP REM

INLET REM

51' SS REM

MH REM

21' CMP REM

38' CMP REM

88' SS REM

NO. IN 31
STA 8+41.50
12.00' RT
INLET SPECIAL
WEIR ELEV = 574.09
FLOW ELEV = 572.00

MH REM

INLET REM

57' SS-WATER MAIN REQ-12"
℄ 571.15-570.50

MH REM

NO. IN 32
STA 9+00.00
18.50' RT
INLET SPECIAL NO. 7
WEIR ELEV = 574.47
FLOW ELEV = 571.15
SEE SPECIAL DETAIL "A"

54' SS-WATER MAIN REQ-12"
℄ 572.00-571.15

11' SS-WATER MAIN REQ-12"
℄ 571.50-571.15

NO. MH 33
STA 9+12.50
30.26' RT
MH TA 4' DIA WITH T1 FR CLOSED LID
LID ELEV = 575.60
FLOW ELEV = 571.50

118

117

10+00

15" CMP

SIGN FDN

NO. IN 35
STA 11+19.00
13.00' LT
INLET SPECIAL
WEIR ELEV = 573.93
FLOW ELEV = 572.53

26' SS-CL A-T1-12"
℄ 572.53-572.40

NO. IN 36
STA 11+19.00
13.00' RT
INLET SPECIAL
WEIR ELEV = 574.30
FLOW ELEV = 572.40

77' SS-CL A-T1-12"
℄ 572.40-572.00

PROFILE
SURVEYED / DRAWN / CHECKED / GRADES CHECKED / QUANTITIES CHECKED / NOTE BOOK / NO. / BY / DATE / STRUCTURE NO(S)/ARE CHKD

16" PIPE CULV CL D, T2, 15"
ELBOW TO BE INCLUDED IN COST OF PIPE
S=.98%

11' SS-WATER MAIN REQ-12"
S=3.18%

51" SLOT DR 12" W/ VAR SLOT"
S=.98%

25' SS-WATER MAIN REQ-12"
S=4.17%

54' SS-WATER MAIN REQ-12"
S=1.57%

57' SS-WATER MAIN REQ-12"
S=0.86%

77' SS-CL A-T1-12"
S=0.52%

26' SS-CL A-T1-12"
S=0.50%

590 585 580 575 570 565 560 555 550

574.65 574.74 574.82 574.86 574.90 575.00 575.05 575.15 575.15 575.29 575.15 575.44 575.26 575.59 575.63 575.85 575.11 575.55 574.97 575.33 574.84 575.11 574.72 574.89 574.67 574.67 574.58 574.50 574.45

8+00 8+50 9+00 9+50 10+00 10+50 11+00 11+50 12+00

PLOT DATE = Mon Apr 11 14:42:17 2005
FILE NAME = c:\projects\k28508\k28508drdtl-dgn
PLOT SCALE = 20.0000 ' / IN.
REFERENCE = REF

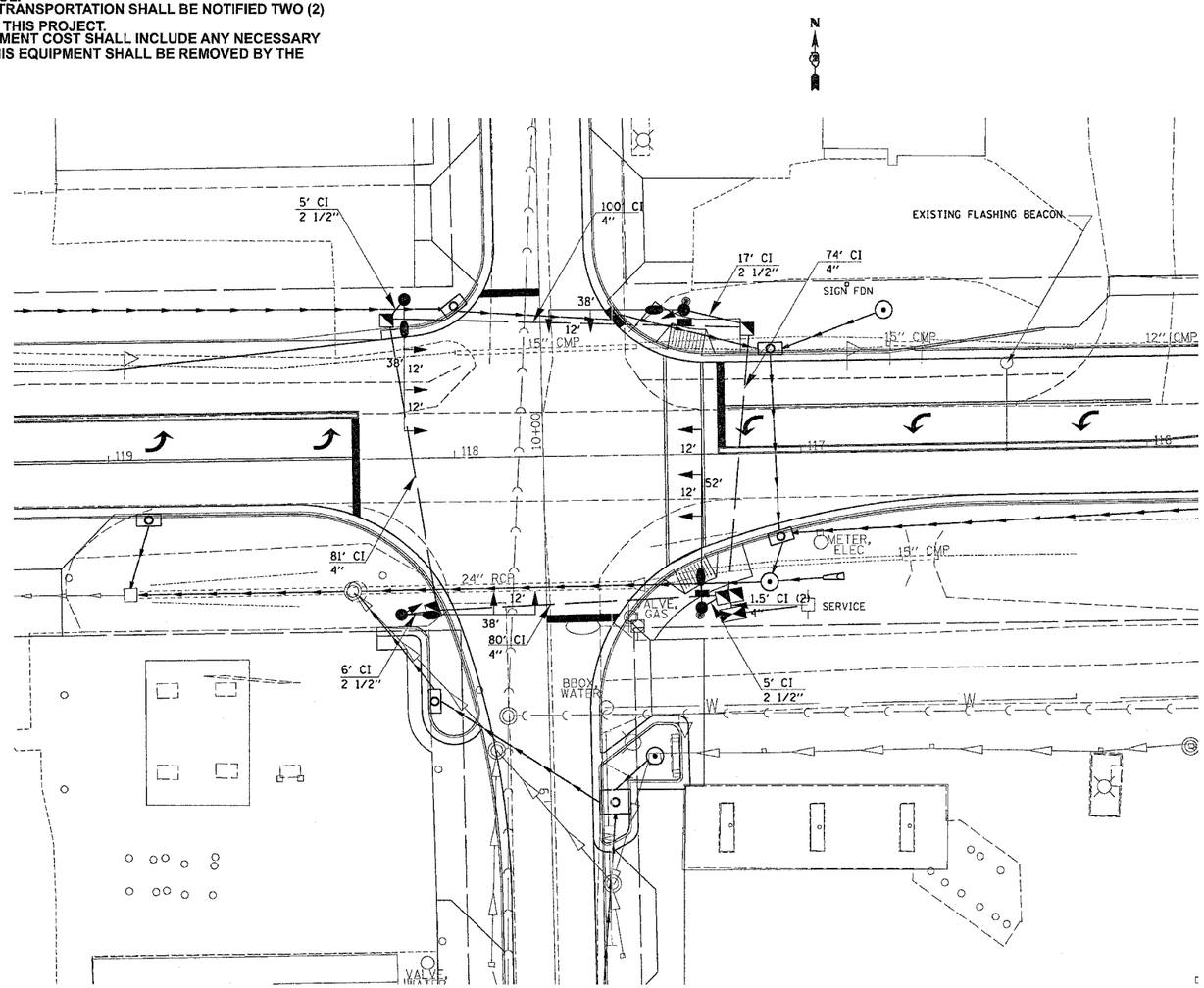
DRAINAGE DETAILS

CONTRACT NO. 64A10

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R)M & TS	HENRY	90	44
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

GENERAL NOTES

1. NO WORK SHALL BE ALLOWED UNTIL ALL NECESSARY COMPONENTS, TO COMPLETE THE SIGNAL INSTALLATION HAVE ARRIVED ON THE JOB SITE.
2. THE MOUNTING HEIGHT FOR THE LUMINAIRES SHALL BE 35'-0B TENON MOUNTED WITH AN 8' HORIZONTAL ARM.
3. ALL TRAFFIC SIGNAL MAST ARM ASSEMBLIES (STANDARD, COMBINATION, OR DUAL) MUST BE DESIGNED FOR THE LOADING SHOWN ON THE HIGHWAY STANDARDS OR THESE SIGNAL PLANS, WHICHEVER IS GREATER.
4. THE EXACT LOCATION OF MAST ARM ASSEMBLIES SHALL BE DETERMINED BY THE FIELD ENGINEER.
5. ANY SIGNS NOT INCLUDED AS REMOVED OR ER-ERECT IN THESE PLANS WHICH REQUIRE RELOCATION OR RE-ERECTION DO TO THIS PROJECT SHALL BE IN ACCORDANCE WITH ART. 107.25 OF THE CURRENT 2STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONTRUCTIONB MANAUL.
6. KURT GLAZIER, 815-284-5478, OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION SHALL BE NOTIFIED TWO (2) WEEKS PRIOR TO THE LOCATION AND PLACEMENT OF SIGNS ON THIS PROJECT.
7. THE FOLLOWING REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT COST SHALL INCLUDE ANY NECESSARY MATERIAL AND WORK TO REMOVE THE FOLLOW EQUIPMENT. THIS EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND RETAINED BY HIM/HER FOR SALVAGE:
   1 EACH FLASHING BEACON
   1 EACH SIGNAL POST
   1 EACH POST FOUNDATION
   1 EACH FLASHER CONTROLLER
   1 EACH ELECTRIC SERVICE



TYPE E, 30"	
MAST ARM LENGTH (FT)	FOUNDATION DEPTH (FT)
38	13.5
38	13.5
38	13.5
	40.5

TYPE E, 36"	
MAST ARM LENGTH (FT)	FOUNDATION DEPTH (FT)
52	15

Tabulation of Signal Quantities for IL 84 @ 5TH ST Colona

PAY CODE	ITEM	UNIT	TOTAL
X0324887	CONDUIT INSTALLED, 2 1/2", NON-METALLIC	FOOT	33
X0324888	CONDUIT INSTALLED, 4", NON- METALLIC	FOOT	247
72000100	SIGN PANEL - TYPE I	SQ FT	51
73000100	WOOD SIGN SUPPORT	FOOT	60
80501000	SERVICE INSTALLATION (SPECIAL)	EACH	1
81012500	CONDUIT IN TRENCH, 1 1/2", PVC	FOOT	10
81400400	CONCRETE HANDHOLE	EACH	3
81400500	CONCRETE DOUBLE HANDHOLE	EACH	1
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP TYPE USE) 1/C NO. 10	FOOT	1036
82103250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL, PHOTO-CELL CONTROLLER, 250 WATT	EACH	4
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 2C	FOOT	141
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 3C	FOOT	161
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 5C	FOOT	1050
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 7C	FOOT	565
87301815	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 3C	FOOT	20
87702920	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 38 FT	EACH	3
87702985	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT	EACH	1
87800200	CONCRETE FOUNDATION, TYPE D	FOOT	3.5
87800400	CONCRETE FOUNDATION, TYPE E, 30-INCH DIAMETER	FOOT	40.5
87800415	CONCRETE FOUNDATION, TYPE E, 36-INCH DIAMETER	FOOT	15
88200400	TRAFFIC SIGNAL BACKPLATE, FORMED PLASTIC	EACH	10
88800100	PEDESTRIAN PUSH-BUTTON	EACH	2
X0320872	VIDEO VEHICLE DETECTION SYSTEM	EACH	1
X0323153	ELECTRIC CABLE IN CONDUIT, GROUND, No. 6 1C (GREEN)	FOOT	438
X0962500	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	L SUM	1
X8801310	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	8
X8801395	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5 SECTION, BRACKET MOUNT	EACH	2
X8801400	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	2
X8810395	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNT	EACH	2

LEGEND

- EXISTING CONTROLLER
- NEW CONTROLLER
- EXISTING ALUMINUM MAST ARM ASSEMBLY AND POLE
- NEW ALUMINUM MAST ARM ASSEMBLY AND POLE
- EXISTING STEEL MAST ARM ASSEMBLY AND POLE
- NEW STEEL MAST ARM ASSEMBLY AND POLE
- EXISTING SIGNAL HEAD AND POST
- NEW SIGNAL HEAD AND POST
- EXISTING SIGNAL HEAD
- NEW SIGNAL HEAD WITH BACKPLATE
- EXISTING PEDESTRIAN HEAD
- NEW PEDESTRIAN HEAD
- PEDESTRIAN PUSHBUTTON
- EXISTING HANDHOLE
- NEW HANDHOLE
- NEW JUNCTION BOX
- NEW HEAVY-DUTY HANDHOLE
- NEW DOUBLE HANDHOLE
- (5'-2") EXISTING CONDUIT (LENGTH AND SIZE)
- 5' - CI / 2" NEW LUMINAIRE
- NEW CONDUIT INSTALLED, NON-METALLIC
- UPPER NUMERAL INDICATES LENGTH
- "CI" INDICATES CONDUIT INSTALLED, NON -METALLIC
- WHETHER PUSHED OR TRENCHED
- LOWER NUMERAL INDICATES SIZE OF CONDUIT

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

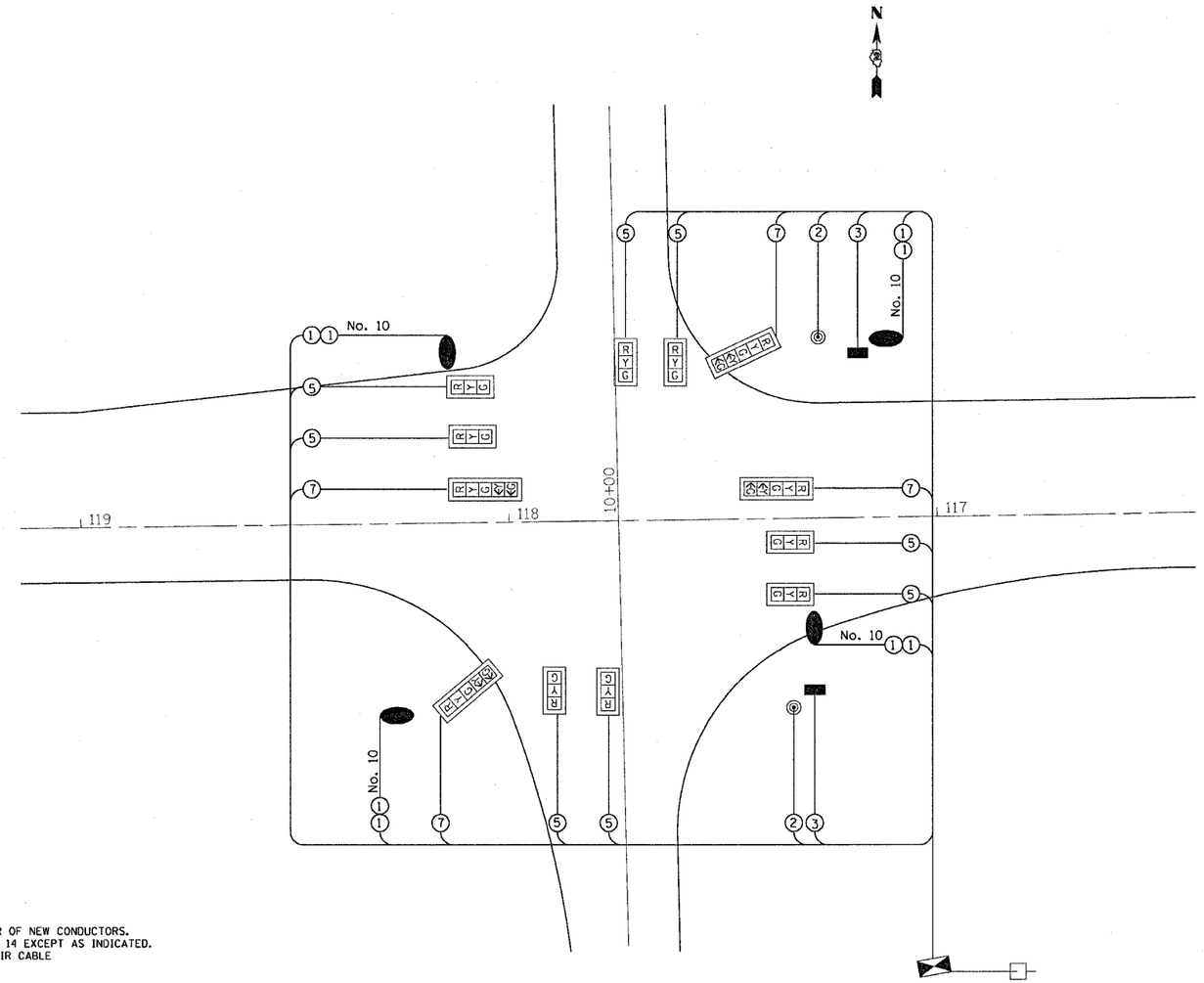
SCALE: VERT.
HORIZ.
DATE

DRAWN BY
CHECKED BY

PLOT DATE = Mon Apr 11 14:44:22 2005
FILE NAME = C:\pr-p_acts\p265884\a265884s-mst-dgn
PLOT SCALE = 20.0000 ' / IN.
REFERENCE = REF

CONTRACT NO. 64A10

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R)M&TS	HENRY	90	45
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



LEGEND

-(2)- INDICATES NUMBER OF NEW CONDUCTORS. ALL CABLE IS NO. 14 EXCEPT AS INDICATED. "P" INDICATES PAIR CABLE

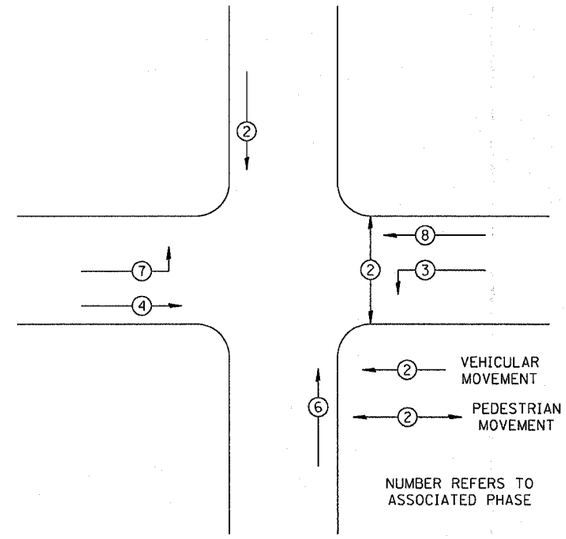
R Y G — NEW SIGNAL HEAD WITH OR WITHOUT BACKPLATE

NEW PEDESTRIAN HEAD - LED

PEDESTRIAN PUSHBUTTON

LUMINAIRE, 250 WATT

PHASE DESIGNATION DIAGRAM



REFER TO STANDARD 857001

DETECTOR ASSIGNMENT		
DETECTOR	PHASE No.	DIRECTION
A	8	WB PRESENT
B	3	WB LEFT TURN
C	4	EB PRESENT
D	7	EB LEFT TURN
E	2	SB PRESENT
F	6	NB PRESENT

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. HORIZ.

DATE

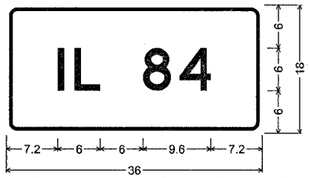
DRAWN BY

CHECKED BY

PLOT DATE = Wed Feb 09 10:26:07 2005
FILE NAME = C:\projects\c206508\c206508trmst.dgn
PLOT SCALE = 2.000000 ' / IN.
REFERENCE = REF

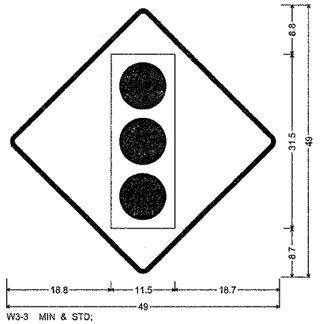
CONTRACT NO. 64A10

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R)M&TS	HENRY	90	46
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



1.5" Radius, 0.5" Border, 0.4" Indent, White on Green;
[IL 84] D;
Table of letter and object lefts.

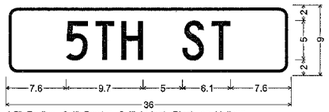
I	L	8	4
7.2	9.6	19.2	24.4



W3-3 MIN & STD;
36.0" across sides 2.3" Radius, 0.9" Border, 0.6" indent, Black on Yellow;

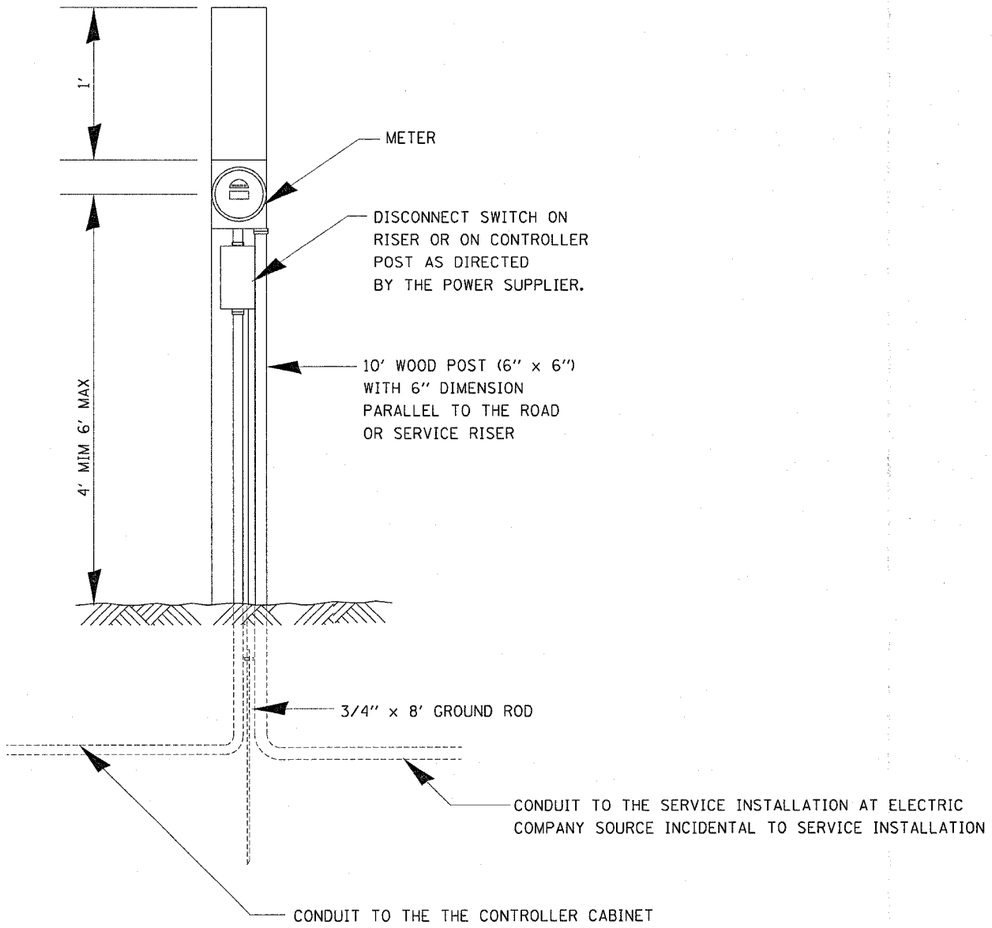
1.5" Radius, 0.5" Border, 0.4" Indent, White on Green;
[5TH STREET] D;
Table of letter and object lefts.

5	T	H	S	T	R	E	E	T
5.9	11.0	15.8	25.8	31.0	35.8	41.2	46.0	50.4



1.5" Radius, 0.4" Border, 0.4" Indent, Black on Yellow;
[5TH ST] C;
Table of letter and object lefts.

S	T	H	S	T
7.6	11.2	14.6	22.3	25.9



TYPE I SIGN PANEL			
STREET SIGN	SQ FT EA	QTY	TOTAL
IL 84	4.5	2	9
5TH STREET	7.5	2	15
W3-3	9	3	27
5TH ST	1.5	2	3
			54

ELECTRIC SERVICE INSTALLATION, SPECIAL
(SEE SPECIAL PROVISIONS)

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT.
HORIZ.
DATE

DRAWN BY
CHECKED BY

PLOT DATE = Wed Feb 09 10:26:07 2005
FILE NAME = c:\projects\c205684\c205684trmst.dgn
PLOT SCALE = 50.0000 ' / IN.
REFERENCE = REF

CONTRACT NO. 64A10

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	47
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

BORING LOGS

Illinois Department of Transportation
Division of Highways
IDOT

ROCK CORE LOG

Date 91604

ROUTE FAP 595 DESCRIPTION D92-058-04 IL 84 at 5th Street in Green Rock for proposed Traffic Signal Foundation LOGGED BY W. Garza

SECTION (2R) M&TS LOCATION Colona Twp. - 3 SE, SEC., TWP. 17N, RNG. 1E

COUNTY Henry CORING METHOD

STRUCT. NO. CORING BARREL TYPE & SIZE

Station 118+00

Core Diameter in

BORING NO. B-1 Top of Rock Elev. ft

Station 118+00 Begin Core Elev. ft

Offset 20.00ft Rt CL

Ground Surface Elev. 99.5 ft

	DEPTH (ft)	CORE (#)	RECOVERY (%)	RQD (%)	CORE TIME (min/ft)	STRENGTH (tsf)
MEDIUM gray SANDY LOAM						
	97.50					
MEDIUM gray SANDY LOAM						
	96.00					
STIFF gray SHALE	-5					
	93.00					
DENSE grayblack SHALE, bottom 4" COAL						
	91.00					
VERY DENSE gray SHALE with COAL lens	-10					
	88.50					
VERY DENSE dark gray SHALE						
	86.00					
VERY DENSE dark gray SHALE with COAL lens	-15					
	83.50					
VERY DENSE tan LIMESTONE						
	81.00					
	-20					

Color pictures of the cores

Cores will be stored for examination until

The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)

BBS, form 138 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
IDOT

ROCK CORE LOG

Date 91604

ROUTE FAP 595 DESCRIPTION D92-058-04 IL 84 at 5th Street in Green Rock for proposed Traffic Signal Foundation LOGGED BY W. Garza

SECTION (2R) M&TS LOCATION Colona Twp. - 3 SE, SEC., TWP. 17N, RNG. 1E

COUNTY Henry CORING METHOD

STRUCT. NO. CORING BARREL TYPE & SIZE

Station 118+00

Core Diameter in

BORING NO. B-1 Top of Rock Elev. ft

Station 118+00 Begin Core Elev. ft

Offset 20.00ft Rt CL

Ground Surface Elev. 99.5 ft

	DEPTH (ft)	CORE (#)	RECOVERY (%)	RQD (%)	CORE TIME (min/ft)	STRENGTH (tsf)
VERY DENSE tan LIMESTONE (continued)						
	78.50					
VERY DENSE tan LIMESTONE						
	76.00					
End of Boring	-25					
	-30					
	-35					
	-40					

Color pictures of the cores

Cores will be stored for examination until

The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)

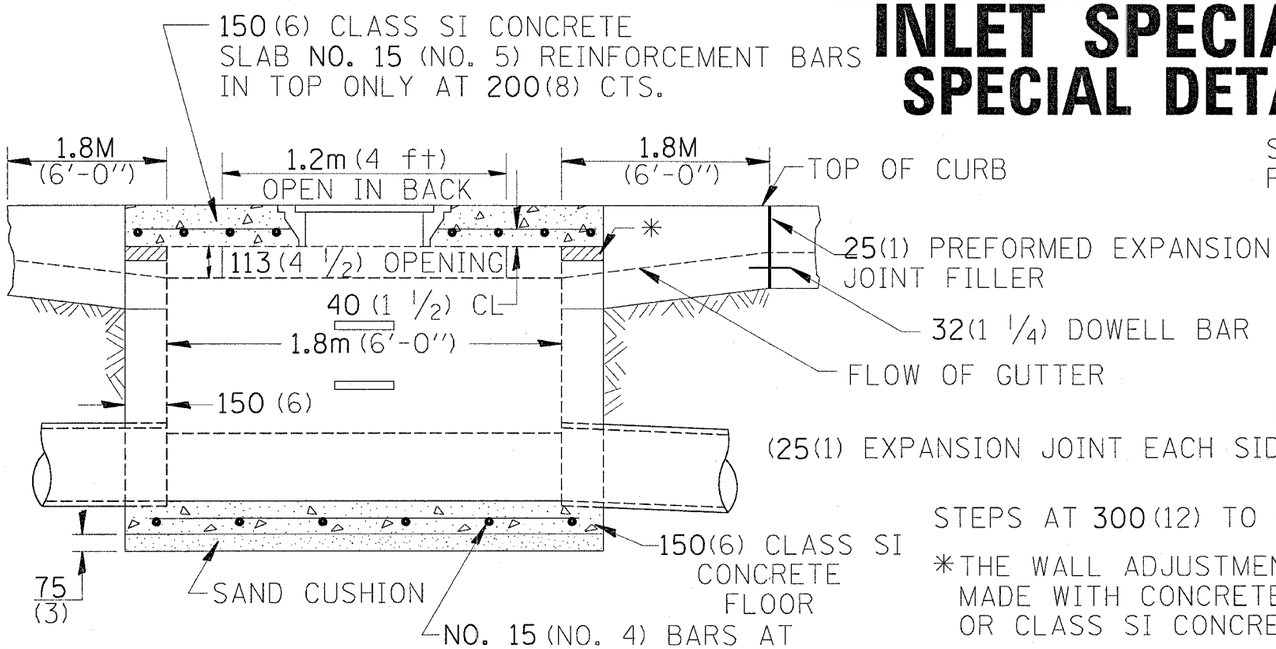
BBS, form 138 (Rev. 8-99)

PLOT DATE = Wed Feb 09 10:22:24 2005
FILE NAME = c:\projects\d295824\d295824logs.dgn
PLOT SCALE = 50.000 ' / IN.
REFERENCE = REF

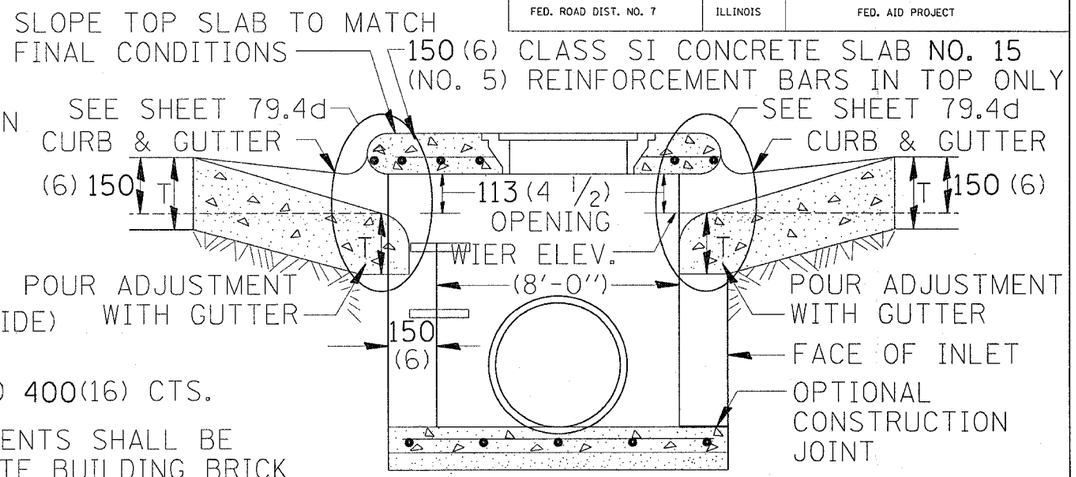
INLET SPECIAL NO. 7
SPECIAL DETAIL "A"

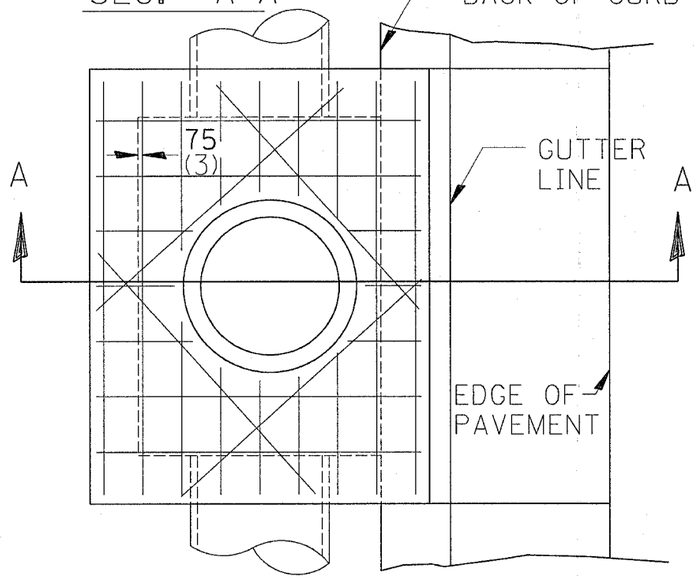
CONTRACT NO. 64A10

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
595	(2R) M&TS	HENRY	90	48
STA.	TO STA.			
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		



FRONT VIEW





TOP VIEW

STEPS AT 300 (12) TO 400 (16) CTS.

*THE WALL ADJUSTMENTS SHALL BE MADE WITH CONCRETE BUILDING BRICK OR CLASS SI CONCRETE.

THE HEIGHT OF THE BOX MAY BE CONSTRUCTED 150 (6) SHORT TO ALLOW FOR FIELD ADJUSTMENTS.

NOTES

SEE STANDARD 602701 FOR DETAILS OF STEPS.

25 (1) PREFORMED EXPANSION JOINTS AS SHOWN SHALL BE PROVIDED ON EACH SIDE OF INLET.

CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED TROUGHOUT.

THE SIDE WALLS MAY BE BUILT AS PRECAST SEGMENTAL SECTIONS.

STEPS SHALL BE OMITTED WHEN DEPTH OF INLET IS LESS THAN 1.5 m (5 FT.).

THE INLET SHALL BE CAST IN PLACE OR PRECAST.

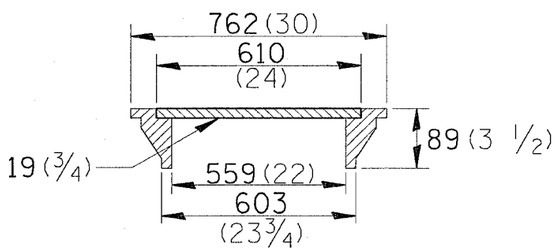
EXCEPT AS NOTED HEREON INLET SPECIAL NO. 4 SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS.

THE CONTRACT UNIT PRICE EACH FOR INLET SPECIAL NO. 4 SHALL INCLUDE THE COST OF FURNISHING AND INSTALLING THE FRAME, LID, REINFORCEMENT BARS, FLOOR AND TOP SLABS, CAST IRON STEPS (IF USED).

THE CURB AND GUTTER WILL BE PAID FOR SEPARATELY AND WILL BE MEASURED THROUGH THE INLET.

THE CURB AND GUTTER ADJACENT TO AND 1.8m (6 FT) ON EITHER SIDE OF THE INLET SHALL BE CONSTRUCTED AS SHOWN WITH NO ADDITIONAL COMPENSATION FOR THE TRANSITION.

LIGHT WEIGHT MANHOLE CASTING

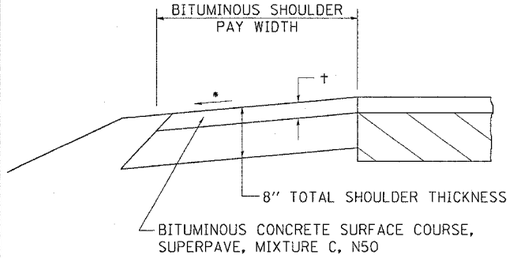


TOTAL WEIGHT 73 Kg. (160 LBS.)

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

DATE-TIME
DGN-SPEC
*REF
*REF
*REF
*REF

BITUMINOUS SHOULDER



† = SEE TYPICAL SECTIONS FOR THICKNESS

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

GENERAL NOTES

THE BITUMINOUS SHOULDER SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 482 EXCEPT THE TOP LIFT SHALL BE BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIXTURE C, N50. THE WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIXTURE C, N50, AND SQUARE YARD FOR BITUMINOUS SHOULDERS SUPERPAVE OF THE THICKNESS SPECIFIED.

USE BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIXTURE C, N50, WHEN RESURFACING EXISTING BITUMINOUS SHOULDERS. THE THICKNESS IS SHOWN ON THE TYPICAL SECTIONS. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIXTURE C, N50.

REMOVAL OF MATERIAL FOR PLACEMENT OF THE BITUMINOUS SHOULDER TO BE PAID FOR IN UNITS FOR EXCAVATING AND GRADING EXISTING SHOULDERS OR IN CUBIC YARDS FOR EARTH EXCAVATION OR EARTH EXCAVATION WIDENING.

* 4% WHEN MAINLINE IS ON TANGENT. FOR CROSS SLOPE ON SUPERELEVATION SECTION, SEE HIGHWAY STANDARD 482001 OR 482006.

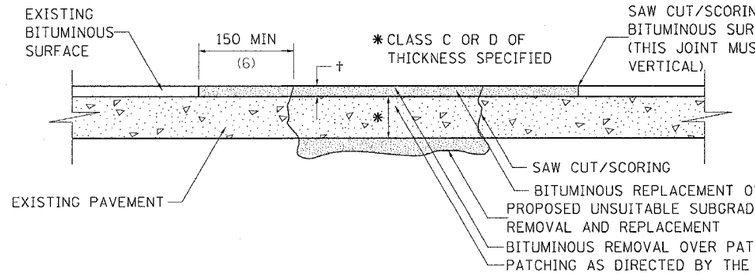
BITUMINOUS SHOULDER 23.4a

REVISED 5-30-03

PAVEMENT PATCHING FOR BITUMINOUS SURFACED PAVEMENT

CONTRACT NO. 64A10

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	49
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



LIFT PLACEMENT:

† < 4" MAY BE PLACED IN ONE LIFT.

† > 4" TO BE PLACED IN TWO LIFTS WITH 2" MIN. COMPACTED TOP LIFT.

SEQUENCE OF CONSTRUCTION:

1. REMOVE THE EXISTING BITUMINOUS SURFACE.
2. RESIDENT ENGINEER WILL DETERMINE IF LOCATION IS TO BE PATCHED OR TO ONLY REPLACE BITUMINOUS SURFACE.
3. REMOVE AND REPLACE FULL DEPTH PATCHES AT LOCATIONS DIRECTED BY THE ENGINEER.
4. REPLACE BITUMINOUS SURFACE OVER FULL DEPTH PATCHES AND AT LOCATIONS OF BITUMINOUS SURFACE REMOVAL.

GENERAL NOTES:

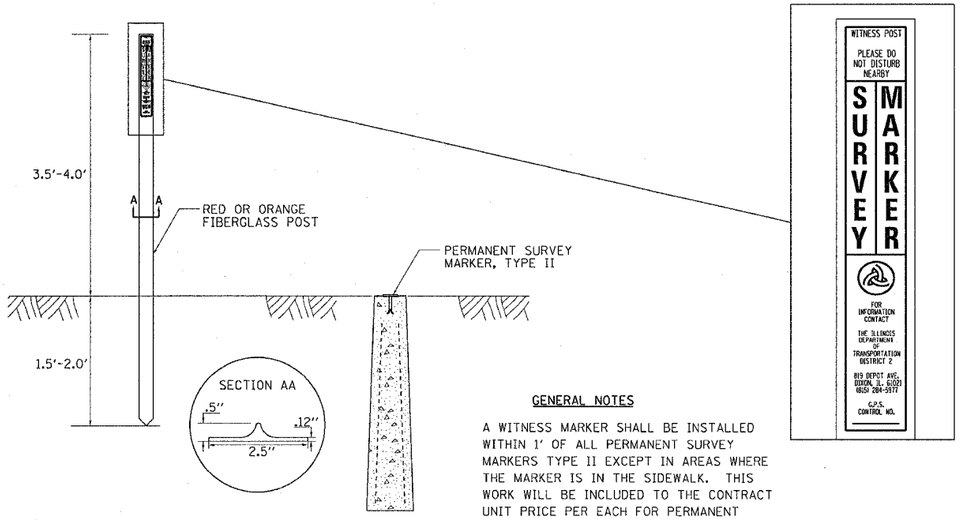
1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 300 (12) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR BASIS OF PAYMENT: SEE SPECIAL PROVISION "PATCHING WITH BITUMINOUS OVERLAY REMOVAL".

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

PAVEMENT PATCHING FOR BITUMINOUS SURFACED PAVEMENT 32.4

REVISED 6-21-01

WITNESS MARKER FOR PERMANENT SURVEY MARKERS TYPE II



GENERAL NOTES

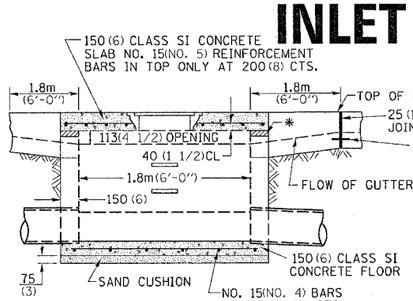
A WITNESS MARKER SHALL BE INSTALLED WITHIN 1' OF ALL PERMANENT SURVEY MARKERS TYPE II EXCEPT IN AREAS WHERE THE MARKER IS IN THE SIDEWALK. THIS WORK WILL BE INCLUDED TO THE CONTRACT UNIT PRICE PER EACH FOR PERMANENT SURVEY MARKERS, TYPE II.

WITNESS MARKER FOR PERMANENT SURVEY MARKERS TYPE II 38.4

REVISED 1-31-00

PLOT DATE = Wed Feb 09 10:24:07 2005
FILE NAME = c:\projects\226580\c805804\spl.dgn
PLOT SCALE = 50.000 '/ IN.
REFERENCE = REF

INLET SPECIAL NO. 5



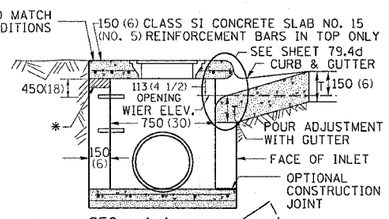
FRONT VIEW

STEPS AT 300 (12) TO 400 (16) CTS.

* THE WALL ADJUSTMENTS SHALL BE MADE WITH CONCRETE BUILDING BRICK OR CLASS SI CONCRETE.

THE HEIGHT OF THE BOX MAY BE CONSTRUCTED 150 (6) SHORT TO ALLOW FOR FIELD ADJUSTMENTS.

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.



NOTES

SEE STANDARD 602701 FOR DETAILS OF STEPS.

25 (1) PREFORMED EXPANSION JOINTS AS SHOWN SHALL BE PROVIDED ON EACH SIDE OF INLET.

CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED TROUGHOUT.

THE SIDE WALLS MAY BE BUILT AS PRECAST SEGMENTAL SECTIONS.

STEPS SHALL BE OMITTED WHEN DEPTH OF INLET IS LESS THAN 1.5 m (5 ft.)

THE INLET SHALL BE CAST IN PLACE OR PRECAST.

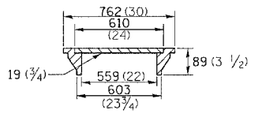
EXCEPT AS NOTED HEREON INLET SPECIAL NO. 5 SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS.

THE CONTRACT UNIT PRICE EACH FOR INLET SPECIAL NO. 5 SHALL INCLUDE THE COST OF FURNISHING AND INSTALLING THE FRAME, LID, REINFORCEMENT BARS, FLOOR AND TOP SLABS, CAST IRON STEPS (IF USED).

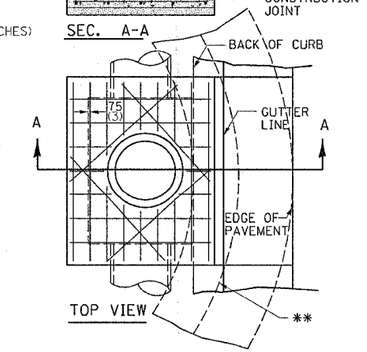
THE CURB AND GUTTER WILL BE PAID FOR SEPARATELY AND WILL BE MEASURED THROUGH THE INLET.

THE CURB AND GUTTER ADJACENT TO AND 1.8m (6 FT) ON EITHER SIDE OF THE INLET SHALL BE CONSTRUCTED AS SHOWN WITH NO ADDITIONAL COMPENSATION FOR THE TRANSITION.

LIGHT WEIGHT MANHOLE CASTING



TOTAL WEIGHT 73 KG. (160 LBS.)

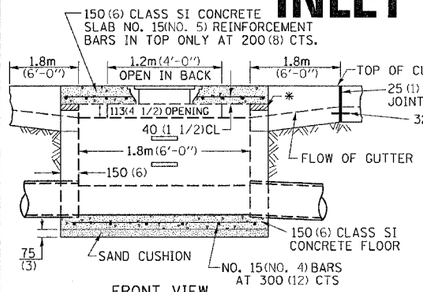


** WHEN INLET IS CONSTRUCTED IN RETURN, THE TOP OF SLAB SHALL CONFORM TO THE RADIUS OF THE RETURN.

INLET SPECIAL NO. 5 79.4b

REVISED 11-10-94

INLET SPECIAL NO. 6



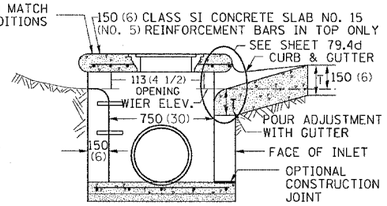
FRONT VIEW

SLOPE TOP SLAB TO MATCH FINAL CONDITIONS

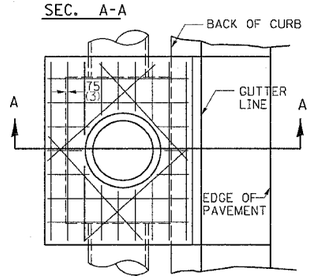
STEPS AT 300 (12) TO 400 (16) CTS.

* THE WALL ADJUSTMENTS SHALL BE MADE WITH CONCRETE BUILDING BRICK OR CLASS SI CONCRETE.

THE HEIGHT OF THE BOX MAY BE CONSTRUCTED 150 (6) SHORT TO ALLOW FOR FIELD ADJUSTMENTS.



SEC. A-A



TOP VIEW

NOTES

SEE STANDARD 602701 FOR DETAILS OF STEPS.

25 (1) PREFORMED EXPANSION JOINTS AS SHOWN SHALL BE PROVIDED ON EACH SIDE OF INLET.

CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED TROUGHOUT.

THE SIDE WALLS MAY BE BUILT AS PRECAST SEGMENTAL SECTIONS.

STEPS SHALL BE OMITTED WHEN DEPTH OF INLET IS LESS THAN 1.5 m (5 ft.)

THE INLET SHALL BE CAST IN PLACE OR PRECAST.

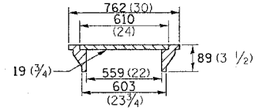
EXCEPT AS NOTED HEREON INLET SPECIAL NO. 6 SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS.

THE CONTRACT UNIT PRICE EACH FOR INLET SPECIAL NO. 6 SHALL INCLUDE THE COST OF FURNISHING AND INSTALLING THE FRAME, LID, REINFORCEMENT BARS, FLOOR AND TOP SLABS, CAST IRON STEPS (IF USED).

THE CURB AND GUTTER WILL BE PAID FOR SEPARATELY AND WILL BE MEASURED THROUGH THE INLET.

THE CURB AND GUTTER ADJACENT TO AND 1.8m (6 FT) ON EITHER SIDE OF THE INLET SHALL BE CONSTRUCTED AS SHOWN WITH NO ADDITIONAL COMPENSATION FOR THE TRANSITION.

LIGHT WEIGHT MANHOLE CASTING



TOTAL WEIGHT 73 KG. (160 LBS.)

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

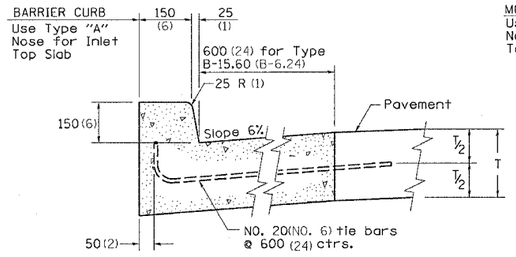
INLET SPECIAL NO. 6 **79.4c**

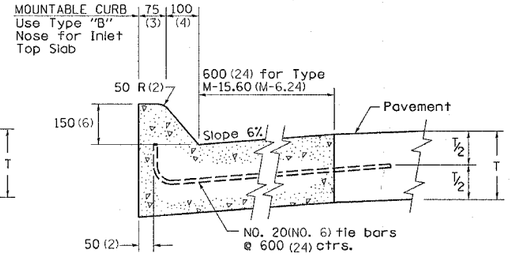
REVISED 11-10-94

NOSE TYPE FOR INLET TOP SLAB

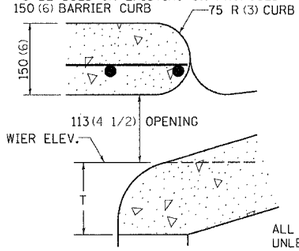
CONTRACT NO. 64A10

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	50
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

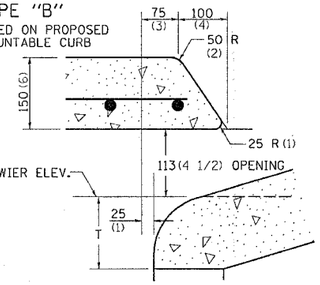




TYPE "A"
TO BE USED ON EXISTING OR PROPOSED 150 (6) BARRIER CURB



TYPE "B"
TO BE USED ON PROPOSED 150 (6) MOUNTABLE CURB

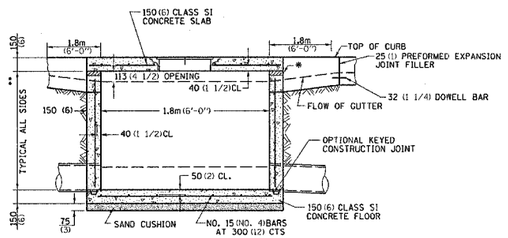


ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

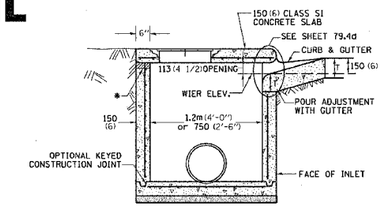
NOSE TYPE FOR INLET TOP SLAB **79.4d**

REVISED 2-14-95

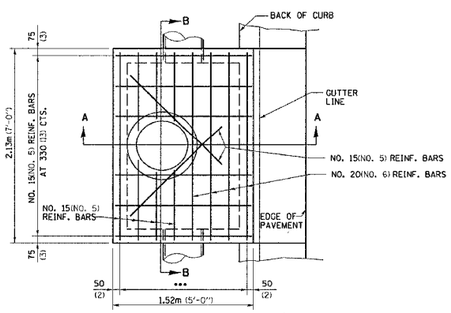
INLET SPECIAL NO. 3, 4, 5, 6 REINFORCEMENT DETAIL



SEC. B-B



SEC. A-A



TOP VIEW

* THE WALL ADJUSTMENTS SHALL BE MADE WITH CONCRETE BUILDING BRICK OR CLASS SI CONCRETE.

THE HEIGHT OF THE BOX MAY BE CONSTRUCTED 150 (6) SHORT TO ALLOW FOR FIELD ADJUSTMENTS.

** 1.2m (4'-0") TO 2.4m (8'-0") - NO. 15 (NO. 5) REINF. BARS AT 300 (12) CTS. E.W.
2.4m (8'-0") TO 4.0m (13'-0") - NO. 15 (NO. 5) REINF. BARS AT 250 (10) CTS. E.W.
4.0m (13'-0") TO 4.6m (15'-0") - NO. 15 (NO. 5) REINF. BARS AT 200 (8) CTS. E.W.

*** 7 SPA. AT 200 mm (8") INLET SPECIAL * 3,4
5 SPA AT 208 mm (7 5/8") INLET SPECIAL * 5, 6

NOTES

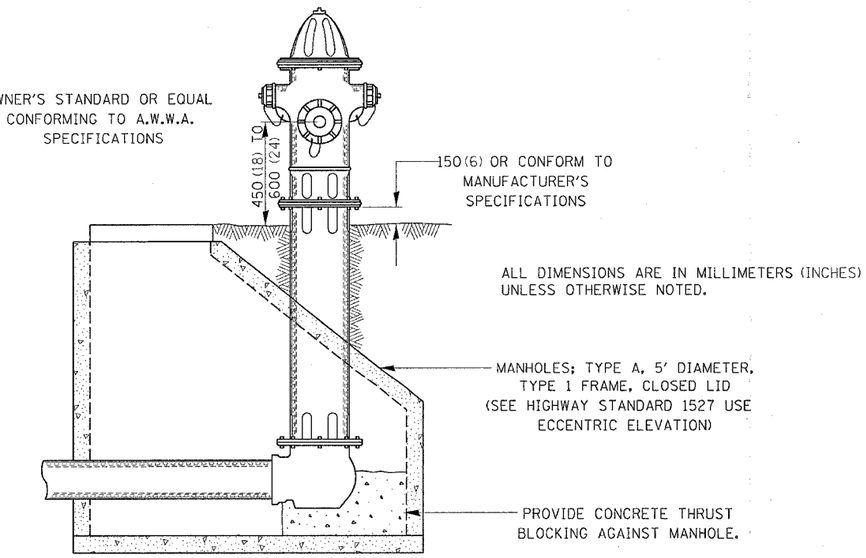
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

TOP SLAB REINFORCEMENT TO BE EPOXY COATED BARS.

INLET SPECIAL NO. 3, 4, 5, 6 REINFORCEMENT DETAIL **79.4e**

REVISED 11-9-04

TYPICAL HYDRANT INSTALLATION



TYPICAL HYDRANT INSTALLATION **81.4**

REVISED 1-8-96

PLOT DATE = Wed Feb 09 10:24:05 2005
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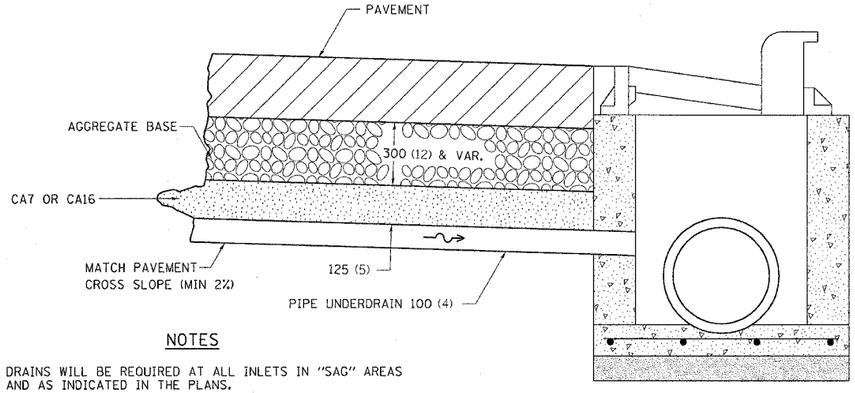
REFERENCE = REF

DRAIN FOR AGGREGATE BASES IN URBAN AREAS



NOTES

DRAINS WILL BE REQUIRED AT ALL INLETS IN "SAG" AREAS AND AS INDICATED IN THE PLANS.

THIS WORK SHALL BE COMPLETED ACCORDING TO SECTION 601 OF THE STANDARD SPECIFICATIONS.

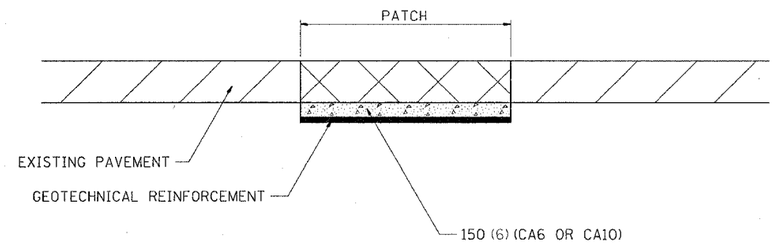
THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT CA7 OR CA16 AND THE CONNECTION TO THE INLET. DIAMETER SPECIFIED WHICH PRICE SHALL INCLUDE THE PRICE PER METER (FOOT) FOR PIPE UNDERDRAINS OF THE

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

DRAIN FOR AGGREGATE BASES IN URBAN AREAS **88.4**

REVISED 4-7-99

SUBGRADE REPLACEMENT



NOTES:

The Engineer will determine which patches will require Subgrade Replacement, generally when the Qu of the Subgrade < 0.3TSF or if patch density is questionable.

UNSTABLE SUBGRADE MATERIAL SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.

This work will be paid for at the contract unit price per m^3 (CU. YD.) for GRANULAR SUBGRADE REPLACEMENT and per m^2 (SQ. YD.) for GEOTECHNICAL REINFORCEMENT.

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

SUBGRADE REPLACEMENT **97.4**

REVISED 4-23-93

PLOT DATE = Wed Feb 09 10:24:07 2005
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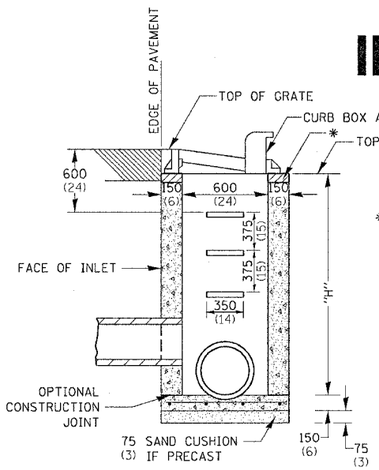
REFERENCE = REF

CONTRACT NO. 64A10

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	51
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

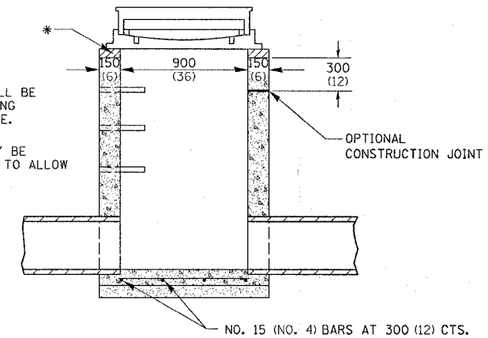
INLET SPECIAL



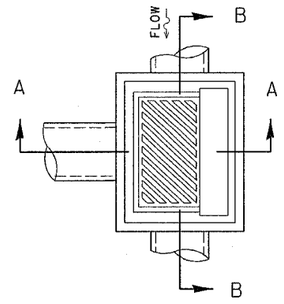
SEC. A-A

* THE WALL ADJUSTMENTS SHALL BE MADE WITH CONCRETE BUILDING BRICK OR CLASS SI CONCRETE.

THE HEIGHT OF THE BOX MAY BE CONSTRUCTED 150 (6) SHORT TO ALLOW FOR FIELD ADJUSTMENTS.



SEC. B-B



NOTES

SEE STANDARD 602701 FOR DETAILS OF STEPS.

EXCEPT AS NOTED HEREON INLET SPECIAL SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS.

THE SIDE WALLS MAY BE BUILT AS PRECAST SEGMENTED SECTIONS.

ALL VOIDS AROUND PIPE ENTRANCE, BOTH INSIDE AND OUTSIDE, SHALL BE SEALED WITH MORTAR.

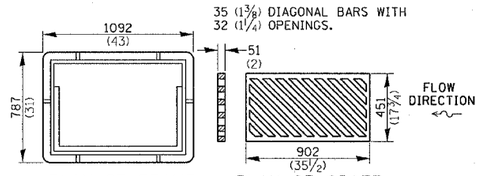
WEIGHT OF CAST IRON FRAME & GRATE = 240 kg (530 lbs.) ± . STEPS SHALL BE OMITTED WHEN DEPTH OF "H" IS LESS THAN 1.5 m (5 ft) .

DETAIL OF FRAME & GRATE

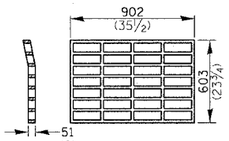
NOTES

CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED THROUGHOUT. PRECAST CONCRETE SHALL BE IN ACCORDANCE WITH SECTION 504.01 THRU 504.05 OF THE STANDARD SPECIFICATIONS EXCEPT THAT CONCRETE STRENGTH SHALL BE 27.5 MPa (4,000 psi) AFTER 28 DAYS.

THE CONTRACT UNIT PRICE EACH FOR INLET SPECIAL SHALL INCLUDE THE COST OF CONSTRUCTING THE INLET BOX, FURNISHING AND INSTALLING THE FRAME AND GRATE, THE CAST IRON STEPS (IF USED), THE PRECAST FLOOR SLABS, SAND CUSHION (WHEN USED) AND REINFORCEMENT BARS.

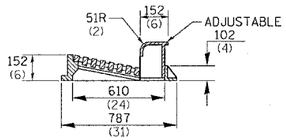


PLAN OF FRAME PLAN OF GRATE

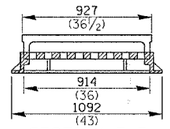


PLAN OF GRATE *

* THIS GRATE TO BE USED WITHOUT CURB BOX WHEN INLET IS IN DRIVEWAY.



SECTION A-A



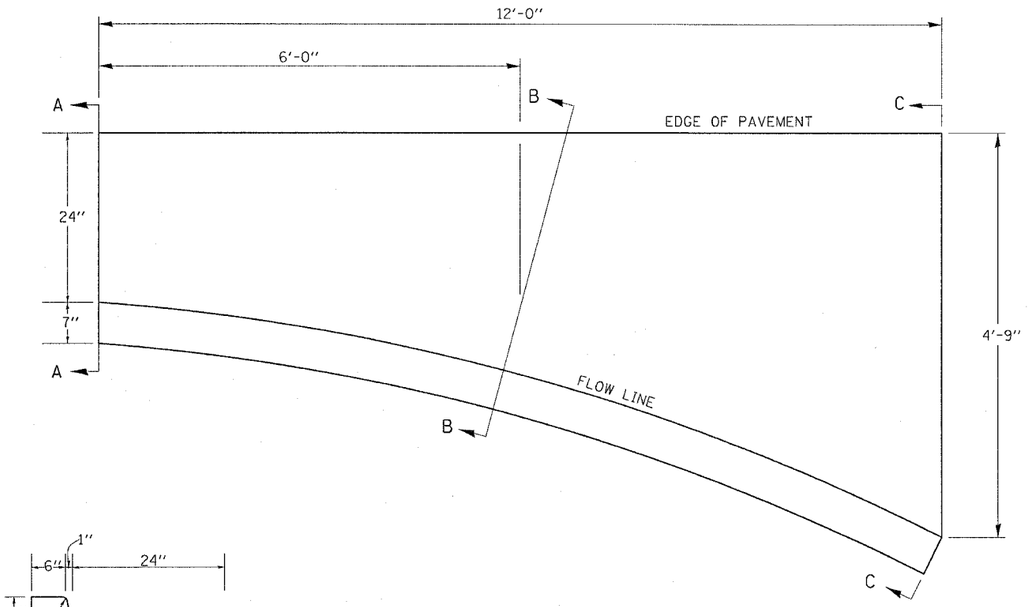
SECTION B-B

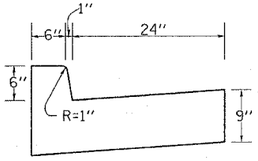
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

INLET SPECIAL **10.2**

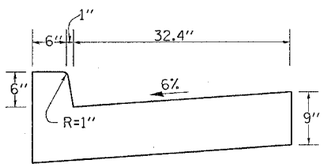
REVISED 11-10-94

STANDARD INLET FOR CURB & GUTTER TYPE B–6.24

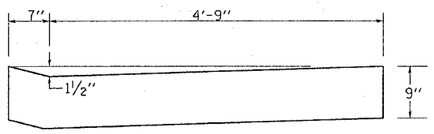




SECTION A-A



SECTION B-B



SECTION C-C

NOTES

Class SI Concrete shall be used throughout.

The Curb and Gutter inlet will be paid for at the contract unit price per cubic yard for Class SI Concrete (OUTLETS).

Joints shall be constructed in accordance with the requirementsof Article 606.06 of the Standard Specifications.

When curb and gutter is constructed adjacent to flexible pavement, a 1" expansion joint shall be installed at construction joints.

- QUANTITY -

Section A-A to C-C
(1.23 Cu. Yds.)
Class SI Concrete

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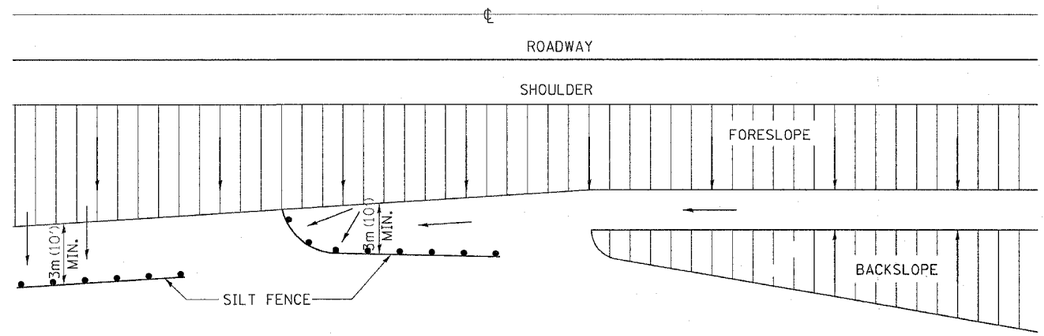
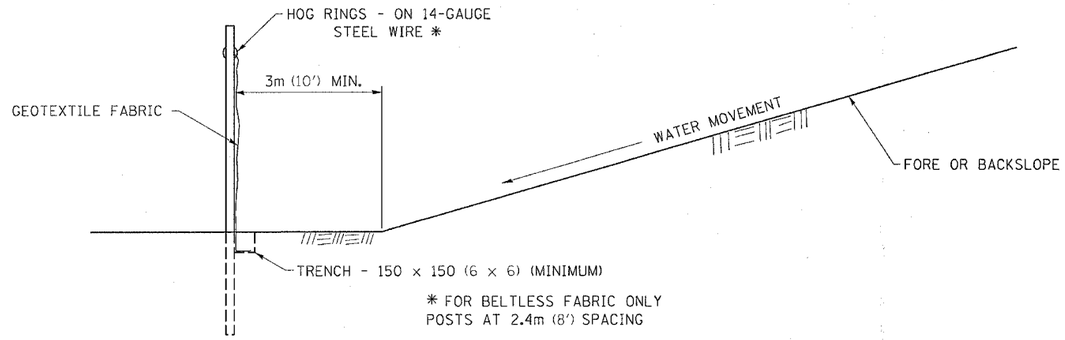
REFERENCE = REF

CONTRACT NO. 64A10

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	52
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

EROSION CONTROL DETAILS FOR SILT FENCE

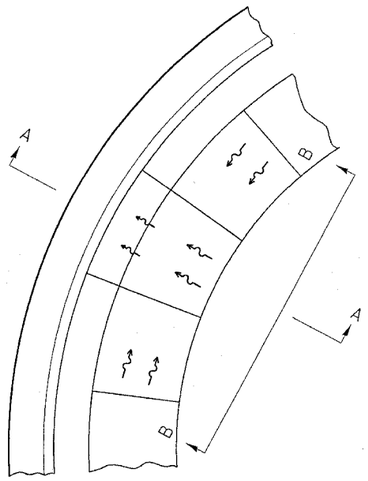


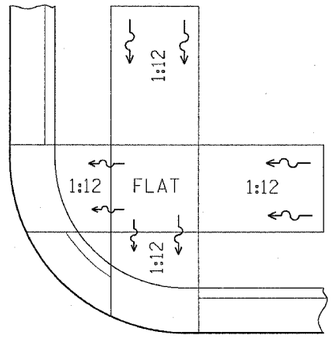


DETAILS OF SILT FENCE

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

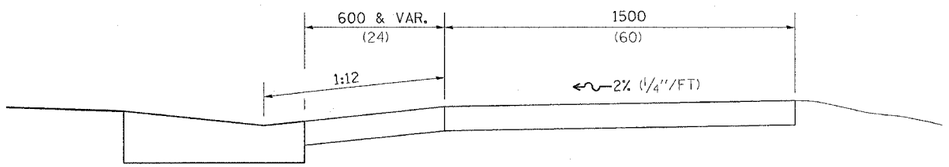
DISABLED RAMP DETAIL



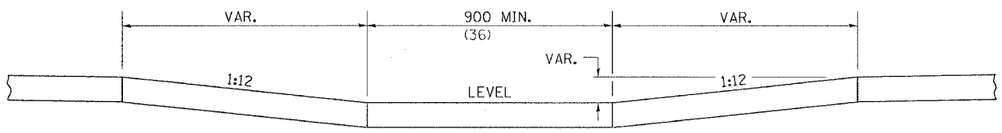


SEE STANDARD 424001
FOR SIDE FLARE DETAIL
& SEE PLANS FOR RAMP TYPE.

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES)
UNLESS OTHERWISE NOTED.



SECTION A-A



SECTION B-B

NOTES : THIS DETAIL TO BE USED IN CONJUNCTION WITH STATE STANDARD 424001.
THE MAXIMUM ALLOWABLE CROSS SLOPE FOR SIDEWALK IS 2% (1/4"/FT)..
THE MAXIMUM ALLOWABLE SIDEWALK GRADE IS 8% (1/12"/FT). IF SPACE LIMITATIONS PROHIBIT THE USE OF THE 1:12 SLOPE, THEN SLOPES BETWEEN 1:10 ARE 1:12 ARE PERMITTED FOR A MAXIMUM RISE OF 150 (6). SLOPES 1:8 AND 1:10 ARE ALLOWED FOR A MAXIMUM RISE OF 75 (3). SLOPES STEEPER THAN 1:8 ARE NOT PERMITTED.
THE DEPRESSED CURB IS NOT STANDARD. THE RISE IS 13(1/2) INSTEAD OF 40(1/2) .

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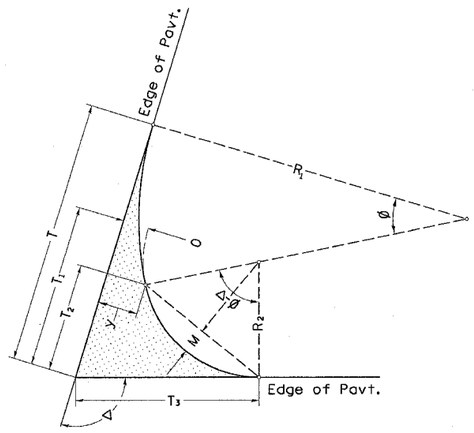
DISABLED RAMP DETAIL **60.2**

REVISED 12-8-92

TWO CENTER CURVE DATA

CONTRACT NO. 64A10

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	53
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



TWO CENTER CURVES

CURVE NO.	5th SE	5th SW		
R1	250	250		
R2	50	50		
O	11	11		
DELTA	89.50	90.51		
T	114.88	115.96		
T1	49.47	50.54		
T2	33.12	34.19		
T3	60.57	61.45		
y	13.75	13.75		
4y/9	6.11	6.11		
y/9	1.53	1.53		
M	9.15	9.40		
15M/16	8.57	8.81		
3M/4	6.86	7.05		
7M/16	4.00	4.11		
C	57.65	58.37		

TWO CENTER CURVE DATA **92.2**

REVISED 3-22-90

DETAILS FOR CURB & GUTTER REPLACEMENT AT INLET

CONCRETE CURB AND GUTTER SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 606 OF THE STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS, STANDARD 606001 AND THIS DRAWING.

CLASS SI CONCRETE SHALL BE USED THROUGHOUT. A HOLE 40 (1 1/2) IN DIAMETER AND 225 (9) DEEP SHALL BE DRILLED IN THE EXISTING CONCRETE CURB AS SHOWN. A 32x450 (1 1/4 X 18) SMOOTH DOWEL BAR SHALL BE GROUTED IN THE HOLE LONGITUDINALLY.

JOINTS OF A TYPE SIMILAR TO THAT IN THE UNDERLYING PAVEMENT (EXPANSION OR CONTRACTION) SHALL BE INSTALLED IN THE CONCRETE CURB IN ALIGNMENT WITH THE JOINTS IN THE PAVEMENT.

INLETS ARE NOT TO BE INCLUDED IN THE MEASUREMENT FOR CURB AND GUTTER REPLACEMENT.

THE PROPOSED CONFIGURATION OF THE CURB AND GUTTER SHALL MATCH THAT REMOVED.

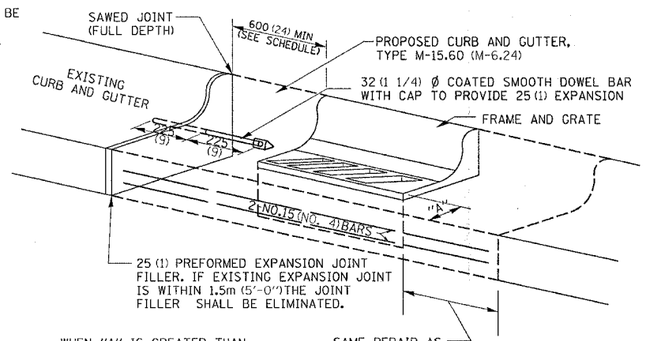
THE CONCRETE REQUIRED BETWEEN THE EDGE OF PAVEMENT AND FRAME AND GRATE SHALL BE CONSIDERED INCIDENTAL TO THE CURB AND GUTTER.

THE LOCATION OF THE DOWEL BAR SHALL BE DETERMINED BY THE ENGINEER.

THE COST OF ALL MATERIALS AND LABOR REQUIRED TO INSTALL THE JOINTS AND BARS IN THE CURBS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER METER (FOOT) FOR COMBINATION CURB AND GUTTER.

ALL EXISTING TIE BARS IN EDGE OF PAVEMENT SLAB THRU REPLACEMENT AREA SHALL BE CUT OFF.

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.



WHEN "A" IS GREATER THAN 50 (2), 2-NO. 15 (NO. 4) BARS SHALL BE PLACED AS SHOWN.

SAME REPAIR AS INDICATED ON OTHER SIDE OF FRAME AND GRATE.

DETAILS FOR CURB & GUTTER REPLACEMENT AT INLET **17.4**

REVISED 5-4-94

CONTRACT NO. 64A10

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	54
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

STORM WATER POLLUTION PREVENTION PLAN
EROSION CONTROL PLAN

THE FOLLOWING PLAN WAS ESTABLISHED AND INCLUDED IN THESE PLANS TO DIRECT THE CONTRACTOR IN THE PLACEMENT OF TEMPORARY EROSION CONTROL SYSTEMS AND TO PROVIDE A STORM WATER POLLUTION PREVENTION PLAN FOR COMPLIANCE UNDER NPDES.

THE PURPOSE OF THIS PLAN IS TO MINIMIZE SILTATION WITHIN THE CONSTRUCTION ZONE AND TO ELIMINATE SEDIMENTS FROM ENTERING AND LEAVING THE CONSTRUCTION ZONE BY UTILIZING PROPER TEMPORARY EROSION CONTROL SYSTEMS AND PROVIDING GROUND COVER WITHIN A REASONABLE AMOUNT OF TIME.

CERTAIN ITEMS, AS SHOWN IN THIS PLAN AND REFERENCED BY THE LEGEND, SHALL BE PLACED BY THE CONTRACTOR AT THE BEGINNING OF CONSTRUCTION. OTHER ITEMS SHALL BE PLACED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER ON A CASE BY CASE SITUATION RESULTING FROM THE CONTRACTOR'S SEQUENCE OF ACTIVITIES, TIME OF YEAR, AND EXPECTED WEATHER CONDITIONS.

THE CONTRACTOR SHALL PLACE PERMANENT EROSION CONTROL SYSTEMS AND SEEDING WITHIN A REASONABLE AMOUNT OF TIME: THEREFORE, REDUCING THE AMOUNT OF AREA BEING OPEN TO THE POSSIBILITY OF EROSION AND REDUCING THE AMOUNT OF TEMPORARY SEEDING. THE RESIDENT ENGINEER WILL DETERMINE IF TEMPORARY EROSION CONTROL SYSTEMS SHOWN IN THE PLAN CAN BE DELETED, THE SIZE OF THE PROPOSED DITCH CHECKS, THE PROPER METHOD OF INSTALLATION, AND IF ANY ADDITIONAL TEMPORARY EROSION CONTROL SYSTEMS SHALL BE ADDED WHICH ARE NOT INCLUDED IN THE PLANS. THE CONTRACTOR SHALL PERFORM ALL WORK AS DIRECTED BY THE ENGINEER AND AS SHOWN IN STANDARD 280001 OF THE PLANS.

SITE DESCRIPTION
DESCRIPTION OF CONSTRUCTION ACTIVITY:

THIS PROJECT CONSISTS OF INTERSECTION IMPROVMENTS & INSTALLATION OF TRAFFIC SIGNALS @ IL 84 AND 5TH STREET IN COLONA

DESCRIPTION OF INTENDED SEQUENCE OF ACTIVITIES:
THE SEQUENCE OF EVENTS ARE AS FOLLOW: CLEARING, EMBANKMENT, EXCAVATION, GRADING AND PAVING. THIS PROJECT WILL BE CONSTRUCTED IN SEGMENTS AS SHOWN IN THE "STAGING PLANS".

TOTAL CONSTRUCTION SITE (CONSTRUCTION LIMIT TO CONSTRUCTION LIMIT) 3.53 ACRES

PROPOSED R.O.W (TOTAL PARCEL AREA) 0.017 ACRES

DISTURBED BY EXCAVATION (E.O.P TO CONSTRUCTION LIMIT) 1.46 ACRES

SUPPORTING REPORTS AND PLANS
THE FOLLOWING ASSISTED IN DEVELOPING THE EROSION CONTROL PLAN AS REFERENCED DOCUMENTS:

SOIL PROFILE SHEETS, SOILS REPORTS, BORING LOGS
USGS DRAINAGE MAPS, PROJECT PLAN DOCUMENTS

DRAINAGE TRIBUTARIES RECEIVING WATER FROM CONSTRUCTION SITE

ROCK RIVER

EROSION CONTROLS AND SEDIMENT CONTROL PROCEDURES
STABILIZATION PRACTICES AT THE BEGINNING OF CONSTRUCTION:
PERIMETER EROSION CONTROL SHALL BE PLACED PRIOR TO BEGINNING EARTHWORK.

STABILIZATION PRACTICES DURING CONSTRUCTION:
AS EARTH EXCAVATION AND EMBANKMENT ARE BEING COMPLETED THE CONTRACTOR SHALL PLACE DITCH CHECKS, INLET AND PIPE PROTECTION, EROSION CONTROL BLANKET, AND SEEDING AS STAGES OF THE PROJECT ARE COMPLETED. PERIMETER EROSION BARRIER WILL BE INSTALLED AT ADDITIONAL LOCATIONS AS THE PROJECT PROGRESSES. SEEDING SHALL BE COMPLETED AS SPECIFIED IN THE EROSION CONTROL/ SEEDING MOBILIZATION AND TEMPORARY SEEDING SPECIAL PROVISION.

MAINTENANCE AFTER FINAL GRADING
TEMPORARY EROSION CONTROL SYSTEMS SHALL BE LEFT IN PLACE WITH PROPER MAINTENANCE UNTIL PERMANENT EROSION CONTROL IS IN PLACE AND WORKING PROPERLY AND ALL PROPOSED TURF AREAS SEEDED AND ESTABLISHED WITH THE PROPER STAND. ONCE PERMANENT EROSION CONTROL SYSTEMS AS PROPOSED IN THE PLANS ARE FUNCTIONAL AND ESTABLISHED, TEMPORARY ITEMS SHALL BE REMOVED, CLEANED UP AND DISTURBED TURF RESEEDED.

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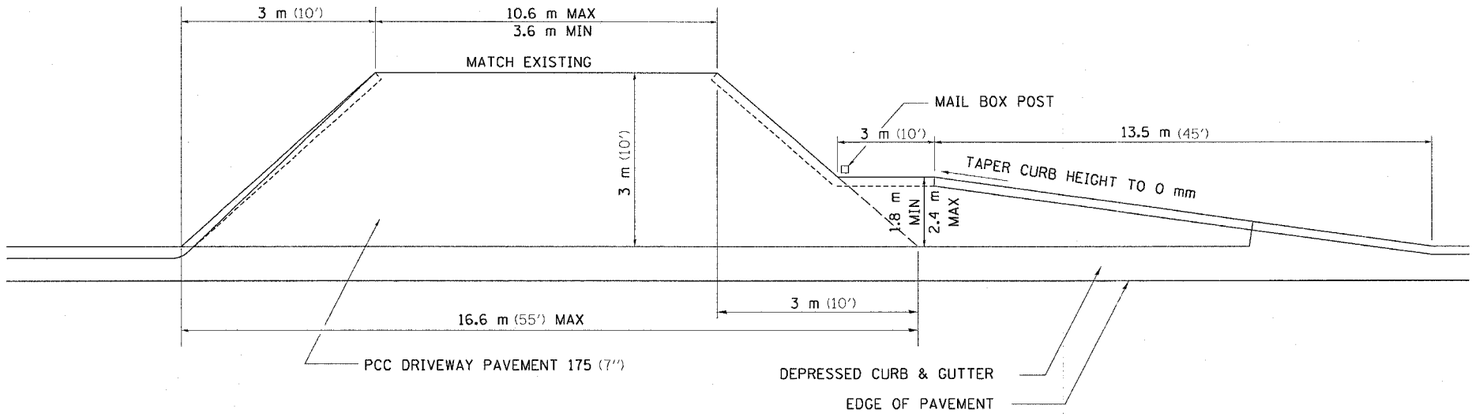
REVISED 5-12-04

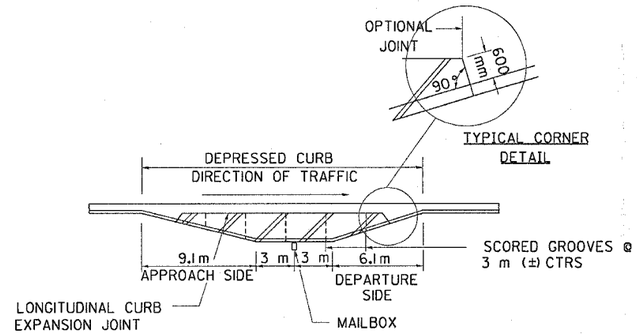
CONTRACT NO. 64A10

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	55
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

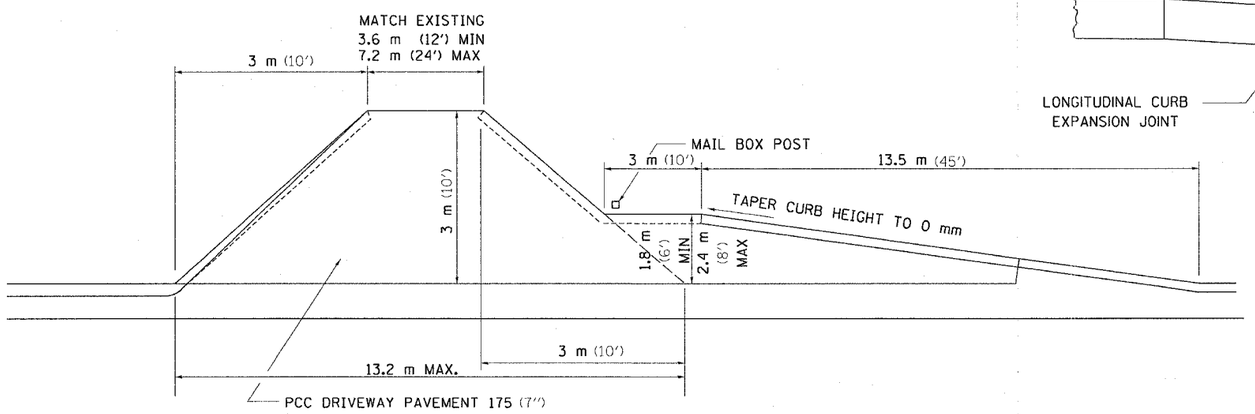
MAILBOX TURNOUT IN CURB AND GUTTER SECTION



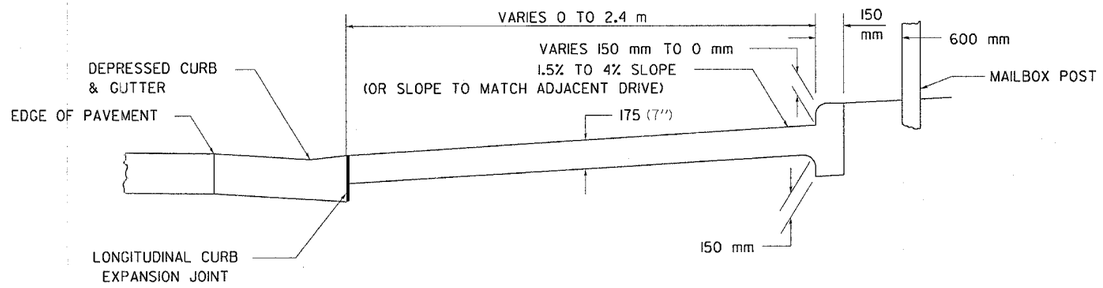
COMMERCIAL ENTRANCE WITH MAIL BOX TURNOUT



MAIL BOX TURNOUT



PRIVATE ENTRANCE WITH MAIL BOX TURNOUT



TYPICAL CROSS SECTION

GENERAL NOTES

1.) THE LONGITUDINAL CURB EXPANSION JOINT SHALL CONFORM TO SECTION 1051 OF THE STANDARD SPECIFICATIONS.

2.) THE MAILBOX TURNOUT CROSS SLOPE WILL BE AS SHOWN ABOVE, AS SHOWN ON THE STATION CROSS SECTIONS OR AS DIRECTED BY THE ENGINEER.

3.) THE MAILBOX TURNOUT SHALL BE CONSTRUCTED WITH SCORED GROOVES, AS SPECIFIED IN ARTICLE 624.07 OF THE STANDARD SPECIFICATIONS, AT APPROXIMATELY 3.05 m CENTERS. IN THE EVENT THERE IS EXISTING OR PROPOSED SIDEWALK PRESENT, THESE SCORED GROOVES SHALL BE PLACED IN LINE WITH EVERY OTHER JOINT IN THE ADJACENT SIDEWALK.

4.) THE WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR P.C. CONCRETE DRIVEWAY PAVEMENT OF THE THICKNESS SPECIFIED IN THE PLANS WHICH PRICE SHALL INCLUDE THE LONGITUDINAL CURB EXPANSION JOINT, MONOLITHIC CURB AS SHOWN, SCORED GROOVES, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

5) SEE THE DISTRICT STANDARD 25.1 FOR ADDTIONAL DETAILS.

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

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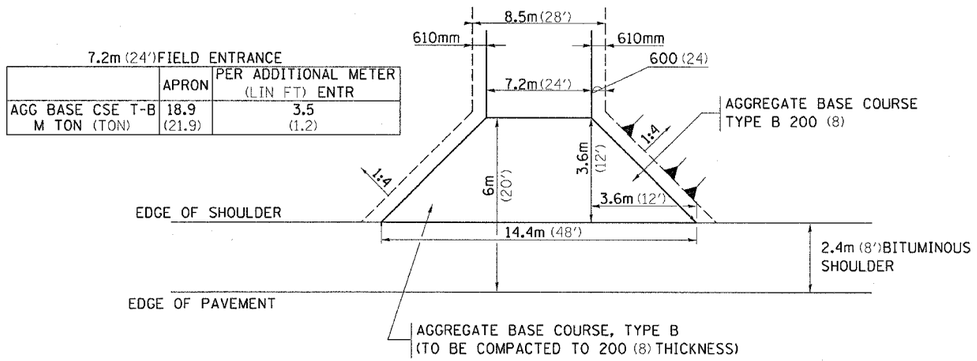
CONTRACT NO. 64A10

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	56
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

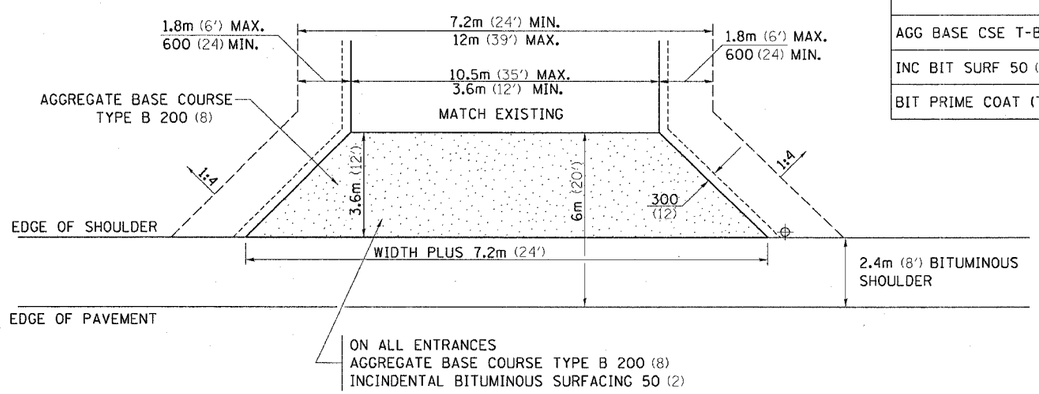
ENTRANCE AND SIDEROADS WITH 2.4m (8') BITUMINOUS SHOULDERS



7.2m (24') FIELD ENTRANCE

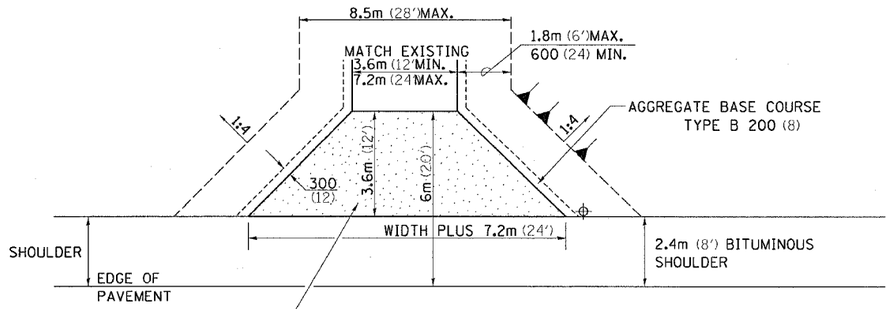
	APRON	PER ADDITIONAL METER (LIN FT) ENTR
AGG BASE CSE T-B M TON (TON)	18.9 (21.9)	3.5 (1.2)

FIELD ENTRANCE



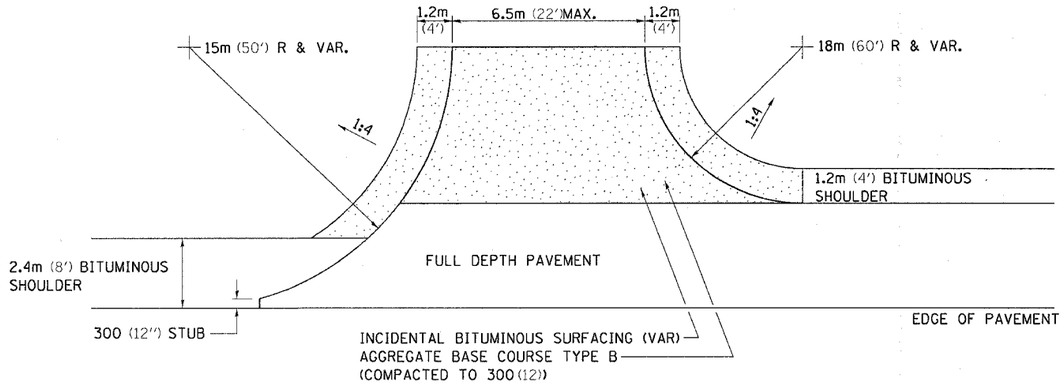
COMMERCIAL ENTRANCE

COMMERICAL ENTRANCE	3.6m (12')	10.5m (35')	PER METER ENTR (FOOT) 3.6m (12')	10.5m (35')
AGG BASE CSE T-B (TON)	14.3 (15.8)	27.0 (29.8)	0.64 (0.70)	1.70 (1.87)
INC BIT SURF 50 (2) (TON)	3.3 (3.6)	6.35 (7.0)	0.14 (0.15)	0.40 (0.44)
BIT PRIME COAT (TON)	0.042 (0.046)	0.082 (0.090)	0.002 (0.002)	0.005 (0.006)



PRIVATE ENTRANCE

3.6m (12') PRIVATE ENTRANCE	3.6m (12')	7.2m (24')	PER METER ENTR (FOOT) 3.6m (12')	7.2m (24')
AGG BASE CSE T-B (TON)	14.3 (15.8)	21.0 (23.1)	0.64 (0.70)	1.20 (1.32)
INC BIT SURF 50 (2) (TON)	3.3 (3.6)	4.9 (5.4)	0.14 (0.15)	0.27 (0.30)
BIT PRIME COAT (TON)	0.042 (0.046)	0.063 (0.069)	0.002 (0.002)	0.004 (0.004)



SIDE ROAD RETURN

	6m RADIUS (20')			9m RADIUS (30')			12m RADIUS (40')		
AGG BASE CSE T-B (TON)									
INC BIT SURF AT 25 (1) (TON)									
BIT PRIME COAT (TON)									

NOTE: USE 50 (2) INC. BIT. SURF. ON EXISTING RETURNS

NOTE

1. ALL PE & CE ARE TO BE BITUMINOUS SURFACED TO RIGHT OF WAY LINE. AREA BEHIND RIGHT OF WAY SHALL MATCH EXISTING SURFACE.
2. FE ARE TO BE AGGREGATE TO RIGHT OF WAY OR TOUCH DOWN, WHICH EVER IS GREATEST.
3. QUANTITIES ARE CALCULATED WITH 2.4m BITUMINOUS SHOULDER IN PLACE. AGGREGATE QUANTITIES SHOWN ARE FOR NEW CONSTRUCTION.
4. EXCAVATION REQUIRED FOR PLACEMENT OF AGGREGATE BASE COURSE SHALL BE CONSIDERED INCIDENTAL TO THE AGGREGATE BASE COURSE.
5. ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

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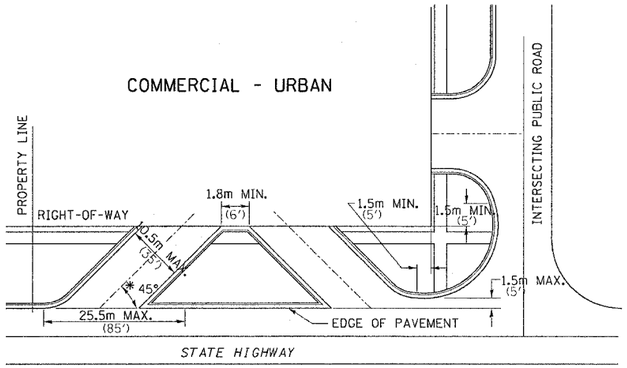
REVISED 5-15-90

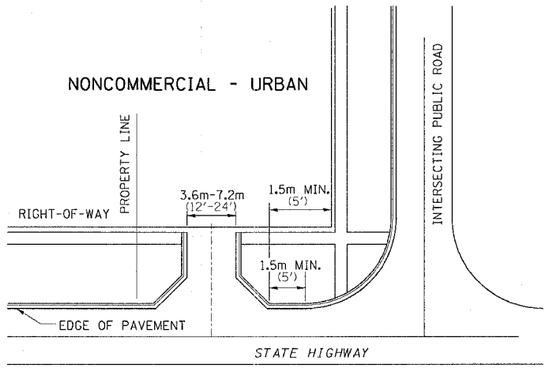
CONTRACT NO. 64A10

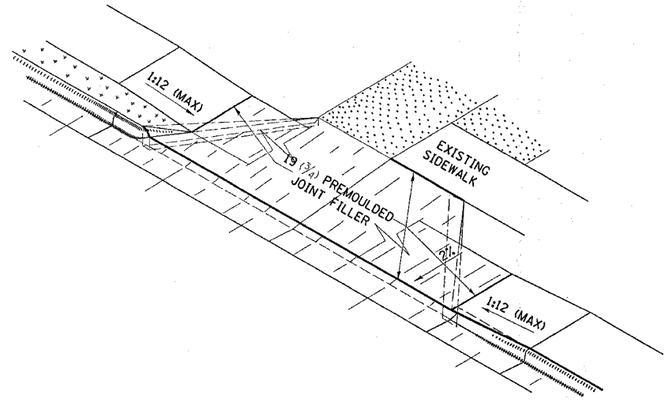
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	57
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

ENTRANCE APPROACHES – URBAN AREA

TYPICAL APPLICATION OF ENTRANCES

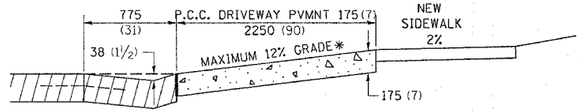




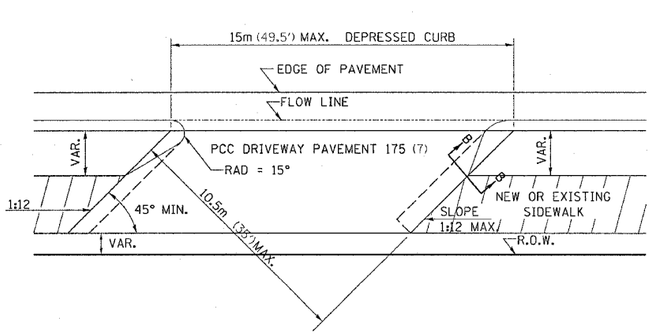


WHEN THE ISLAND BETWEEN DRIVES IS LESS THAN 7.5m (25') LONG OR LESS THAN 10 FEET WIDE, IT SHALL BE DEFINED BY CURBS, MASONRY, OR OTHER DEVICES.

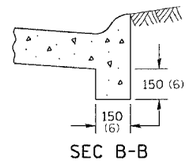
* 45° MIN. ANGLE PERMITTED ONLY FOR ONE-WAY DRIVEWAYS. 60° MIN. ANGLE FOR TWO-WAY DRIVEWAYS.



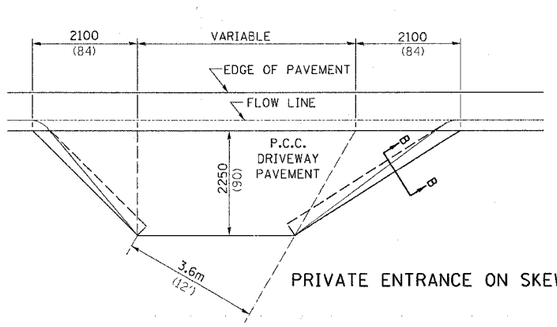
ASCENDING APPROACH



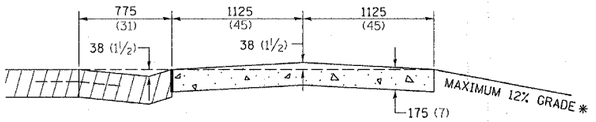
COMMERCIAL ENTRANCE



SEC B-B

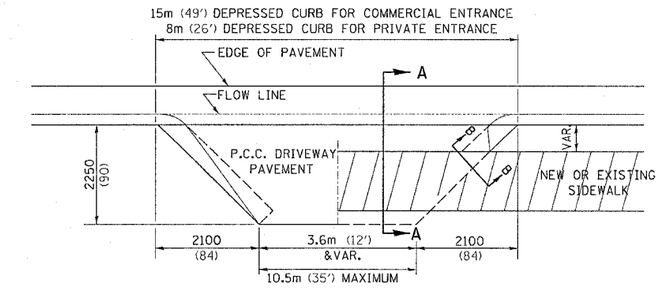


PRIVATE ENTRANCE ON SKEW

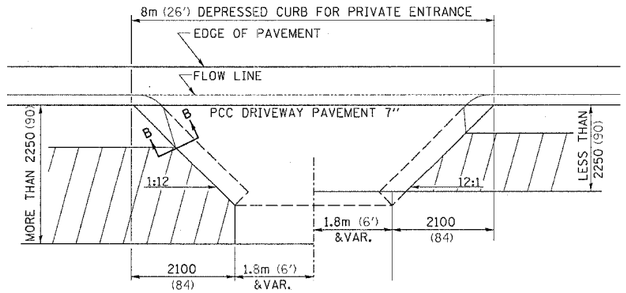


DESCENDING APPROACH

* IN CASES WHERE GRADE EXCEEDS 12%, THE RESIDENT ENGINEER SHALL CHECK WITH DISTRICT DESIGN OFFICE TO DETERMINE NEW APPROACH GRADE. PARTICULAR ATTENTION SHALL BE PAID TO THE NEGATIVE GRADE TO PREVENT DRAINAGE FROM OVER FLOWING INTO THE PRIVATE ENTRANCE.

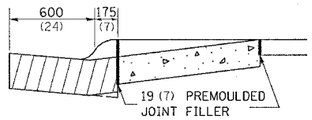


NO SIDEWALK EXISTING SIDEWALK



NEW SIDEWALK

SECTION A-A



THE VARIABLE HEIGHT INTEGRAL CURB AND PREMOULDED JOINT FILLER WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE OF DRIVEWAY PAVEMENT OF THE THICKNESS SPECIFIED.

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

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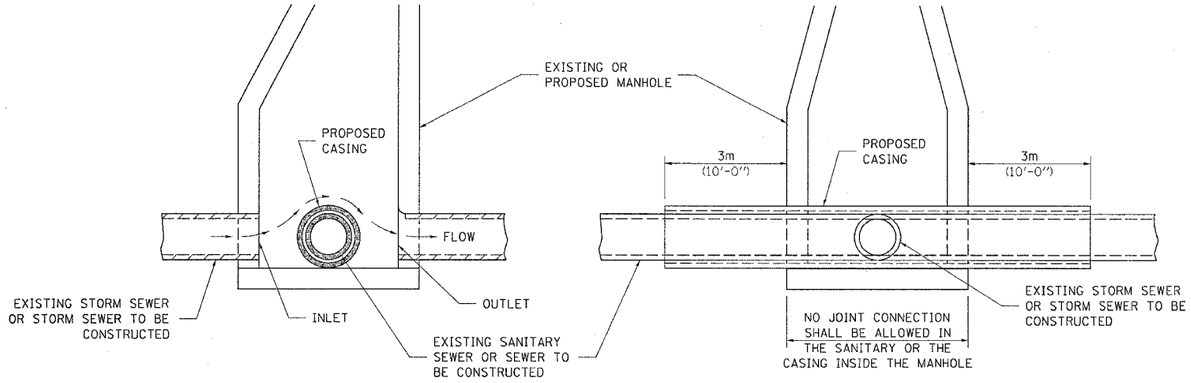
CONTRACT NO. 64A10

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	58
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SEWER AND WATER MAIN CROSSINGS



ELEVATION - ECCENTRIC

ELEVATION - CONCENTRIC

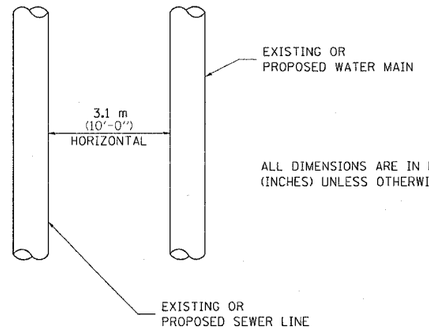
CASING SHALL BE CAST IRON WITH AN INSIDE DIAMETER 50 (2) LARGER IN DIAMETER THAN ENCASED PIPE OUTSIDE DIAMETER WITH BOTH ENDS OF CASING SEALED

AT GRADE CROSSING OF SANITARY AND STORM SEWER

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED

THIS DETAIL IS FOR UNKNOWN UTILITIES UNLESS QUANTITIES ARE INCLUDED IN THE PLANS THE EXTRA WORK WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04.

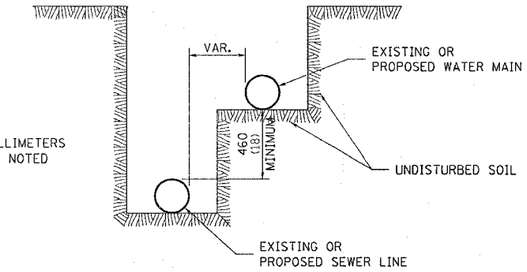
WHEN PROPOSED SEWER (OR WATER) IS LOCATED 3.1 m (10'-0") OR MORE FROM EXISTING WATER (OR SEWER) NO SPECIAL CONSTRUCTION REQUIRED.



PLAN VIEW

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED

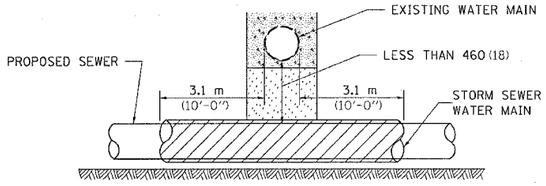
WHEN PROPOSED SEWER (OR WATER) IS LOCATED LESS THAN 3.1 m (10'-0") FROM EXISTING WATER (OR SEWER) DETAILS BELOW SHALL APPLY.



WATER AND SEWER HORIZONTAL SEPARATION REQUIREMENTS

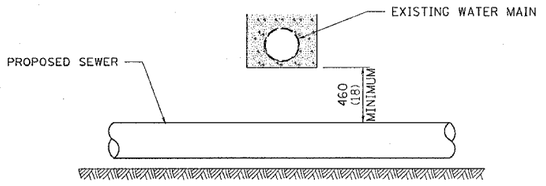
POINT LOADS SHALL NOT BE ALLOWED BETWEEN SEWER OR SEWER CASING AND WATER MAIN

PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH



PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH

MAINTAIN 460 (18) MINIMUM VERTICAL SEPARATION FOR 3.1m (10') HORIZONTALLY

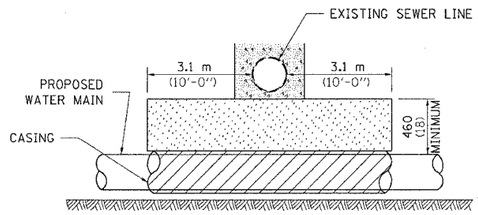


ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED

PROPOSED SEWER LINE BELOW EXISTING WATER MAIN

PROVIDE ADEQUATE SUPPORT FOR EXISTING SEWER LINE TO PREVENT DAMAGE DUE TO SETTLEMENT

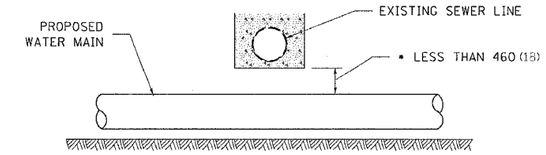
PLACE TRENCH BACKFILL FOR 3.1 m (10') ON EITHER SIDE OF SEWER LINE



CASING SHALL BE CAST IRON WITH AN INSIDE DIAMETER 50 (2) LARGER IN DIAMETER THAN ENCASED PIPE OUTSIDE DIAMETER WITH BOTH ENDS OF CASING SEALED

PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH

MAINTAIN 460 (18) MINIMUM VERTICAL SEPARATION FOR 3.1 m (10') HORIZONTALLY

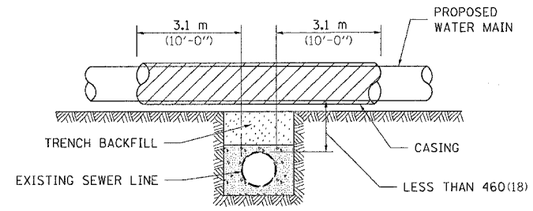


• NOT ALLOWED
MUST MAINTAIN 460 (18) VERTICAL SEPARATION

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED

PROPOSED WATER MAIN BELOW EXISTING SEWER LINE

POINT LOADS SHALL NOT BE ALLOWED BETWEEN WATER MAIN OR WATER MAIN CASING AND SEWER

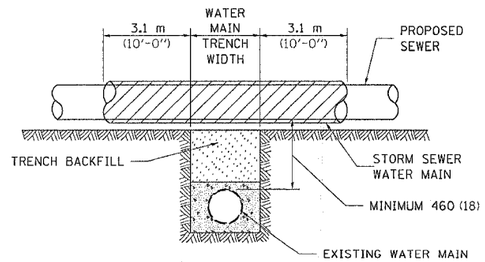


CASING SHALL BE CAST IRON WITH AN INSIDE DIAMETER 50 (2) LARGER IN DIAMETER THAN ENCASED PIPE OUTSIDE DIAMETER WITH BOTH ENDS OF CASING SEALED

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED

PROPOSED WATER MAIN ABOVE EXISTING SEWER LINE

PROVIDE ADEQUATE SUPPORT FOR SEWER TO PREVENT SETTLING AND BREAKING THE WATER MAIN.



ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED

EXISTING WATER MAIN BELOW PROPOSED SEWER LINE WITH MINIMUM 460 (18) VERTICAL SEPARATION

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CONTRACT NO. 64A10

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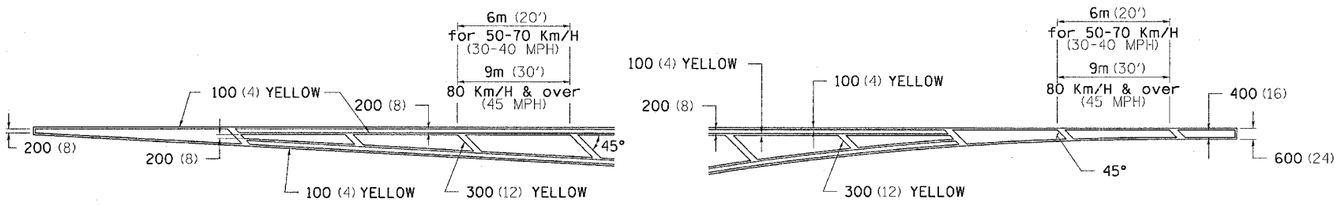
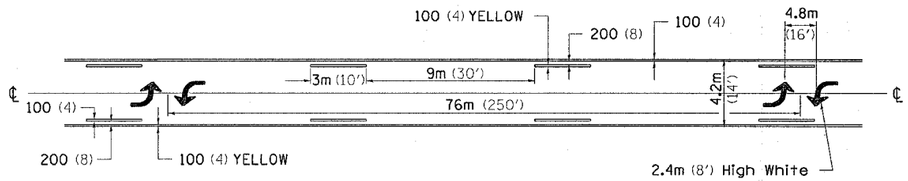
595	(2R) M&TS	HENRY	90	59
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

TYPICAL PAVEMENT MARKINGS

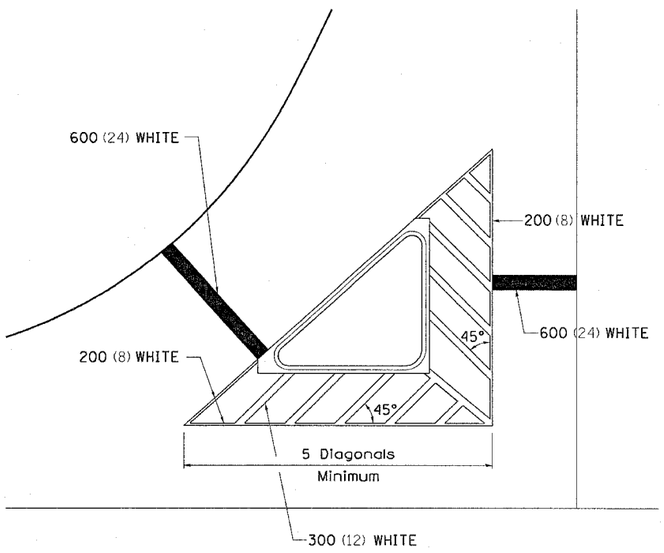
TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



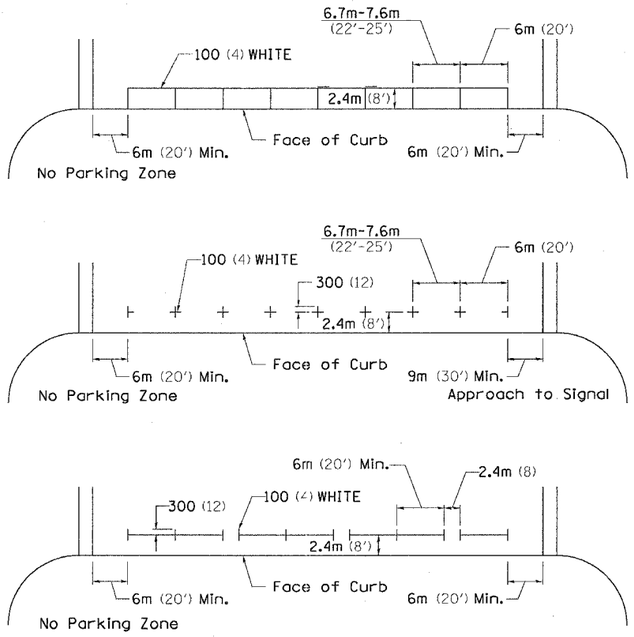
MEDIAN PAVEMENT MARKING



TYPICAL ISLAND OFFSET SHOULDER WIDTH



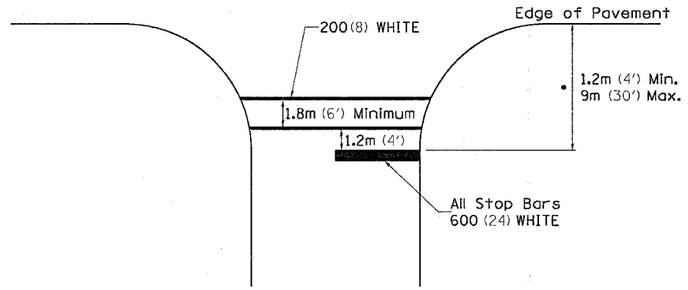
TYPICAL PARKING SPACING



•• ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

STANDARD CROSSWALK MARKING

See Schedules for Locations



• Distance to the nearest edge of the intersecting roadway in the absence of a marked crosswalk.

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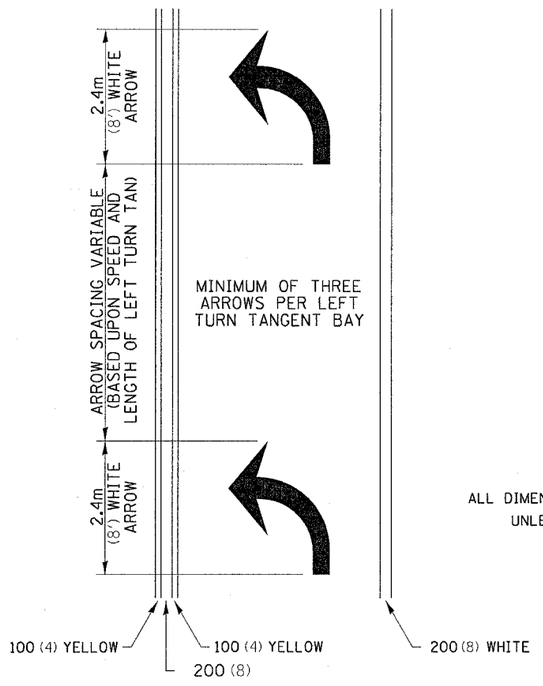
REVISED 10-15-04

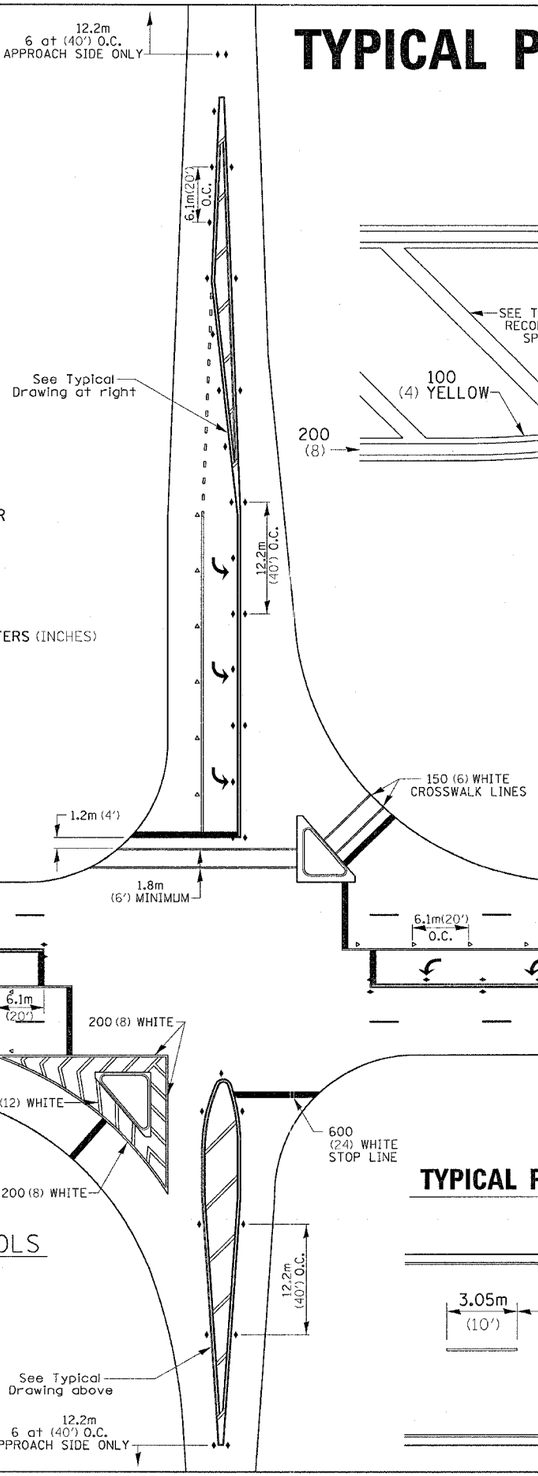
TYPICAL PAVEMENT MARKINGS

CONTRACT NO. 64A10

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	60.
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

ARROW LAYOUT

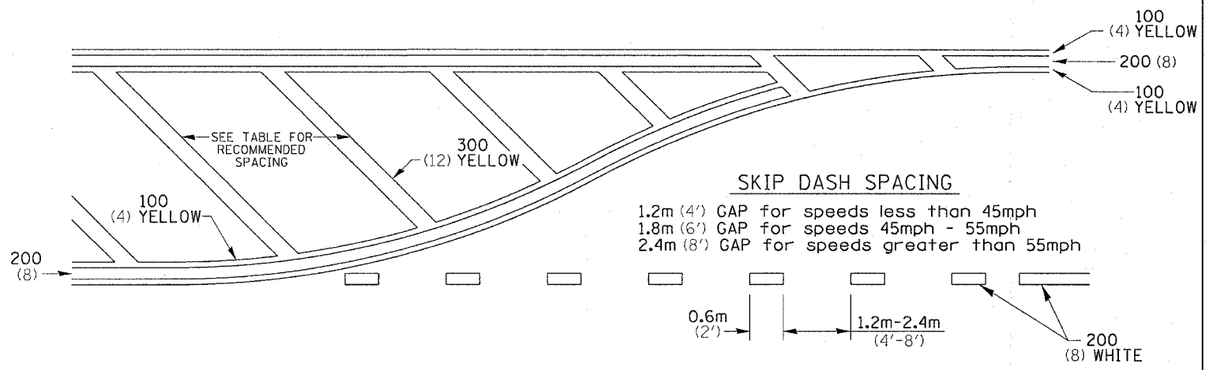




◀ ONE-WAY AMBER MARKER
◁ ONE-WAY CRYSTAL MARKER
◆ TWO-WAY AMBER MARKER

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

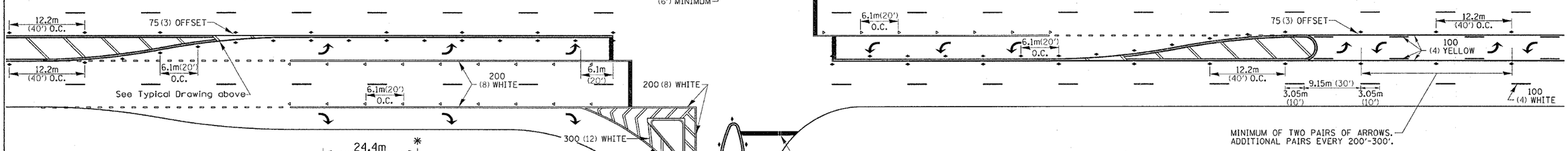
TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN

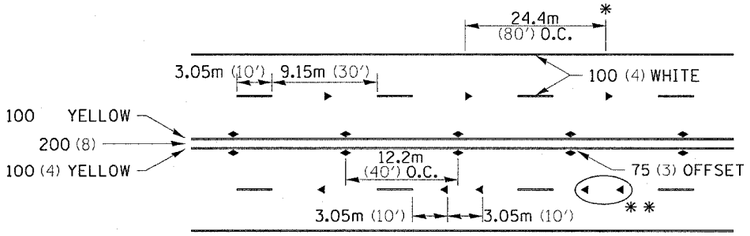


RECOMMENDED SPACING BETWEEN DIAGONALS (IN FEET)

Speed Limit Range	Continuous Median Area	Intersection Channelization	Objects (Islands)
less than 50Km/H (30MPH)	15.3m (50')	4.53m (15')	3.05m (10')
50-60Km/H (30-40MPH)	22.9m (75')	6.1m (20')	4.53m (15')
70Km/H (45MPH) & over	22.9m (75')	9.05m (30')	6.1m (20')

NOTE: if the spacing recommended in the Table does not permit at least five diagonal lines in the area being marked, the spacing from the next lowest speed range should be used. The recommended spacing is measured parallel to the pavement center line.



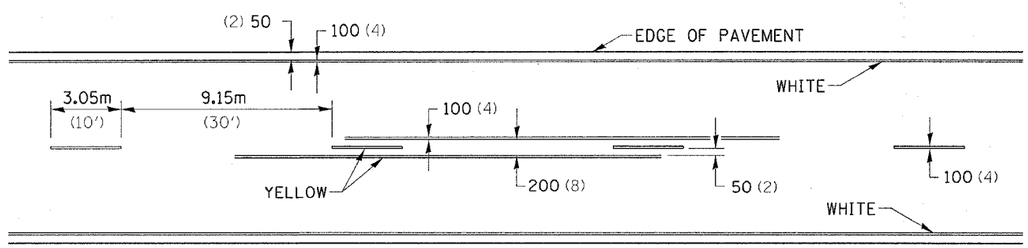


- REDUCE TO 12.2m (40') O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 15Km/H (10MPH) LOWER THAN POSTED SPEEDS.
- ** USE DOUBLE MARKERS WHEN ADT ≥ 25,000

MULTI-LANE / UNDIVIDED

SYMBOLS

TYPICAL PAVEMENT MARKING FOR TWO LANE SECTION – NO PASSING ZONES



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REVISED 10-15-04

CONTRACT NO. 64A10

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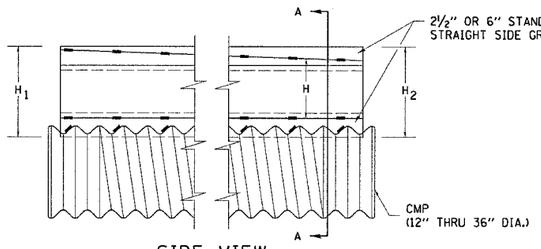
595	(2R) M&TS	HENRY	90	61
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SLOTTED DRAIN PIPE

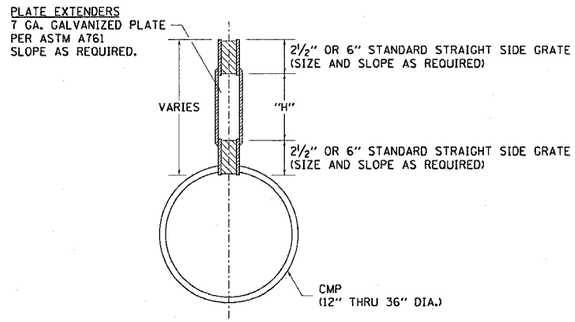
LOADING CONDITION	MAX. EXTENDER HEIGHT - "H"
H20/H25 • 750 PSI CONCRETE	19"

• 125 PSI TIRE PRESSURE



SIDE VIEW

DETAIL WITH VARIABLE HEIGHT GRATE



SECTION A-A

GENERAL

Class SI Concrete shall be used throughout.
This specification covers Slottted Drain used for the removal of water as shown on the plans.
The Slotted Drain shall be Corrugated Pipe Culvert with Integral Slotted Drains.
Before placing the concrete adjacent to the pipe, the slot shall be covered by either thin, flat metal sheeting or by a board notched to fit over the grate bars. This covering must fit closely in the slot to prevent entry of concrete into the pipe. Paving over the slotted drain will then be one continuous operation over the protected drain. The protection for the drain slot shall then be removed. The pipe shall drain into the side of the inlet. The opening where the slot is removed shall be covered to prevent concrete from entering the pipe.
The Corrugated Steel Pipe used in the Slotted Drain shall meet the requirements of AASHTO M36/ASTM A760.
The CMP shall be ALUMINIZED STEEL Type 2.
The diameter and gage shall be as shown on the plans.
Steel grating shall meet the galvanizing requirements of AASHTO M111.
This work will be paid for at the contract unit price per foot for SLOTTED DRAIN 15" WITH 1-¾" SLOT, and shall include elbows, drilling holes in grating, supplying and placing A1 bars, and concrete and grating for depth specified on plans.
Use approved end cap to prevent concrete entry into the pipe during gutter construction on the upstream end of the pipe.

CONNECTIONS

The Corrugated Steel Pipe shall have a minimum of two rerolled annular ends.
The Slotted Drain bands shall be modified HUGGER Bands to secure the pipe and prevent infiltration of the backfill.
When the Slotted Drain is banded together, the adjacent grates shall have a maximum 3" gap.

GRATES

The grates shall be manufactured from ASTM A670, Grade 36 steel. The spacers and bearing bars (sides) shall be 3/16" material ±0.008".
The spacers shall be on 6" centers and welded on both sides to each bearing bar (sides) with four (4) 1-¼" long 3/16" fillet welds on each side of the bearing bar.
The plate extender shall be 7 gage steel meeting ASTM A761.
The engineer may call for tensile strength tests on the grate if the grate is not in compliance with the above spacer specifications. If tensile strength tests are called for, minimum results for an in-place spacer pulled perpendicular to the bearing bar shall be:
T= 12,000 pounds for 2-½" grate
T= 15,000 pounds for 6" grate
Contech Method #1 for variable height grates, or an approved equal, shall be used to achieve the slope shown on the plans.

GALVANIZING

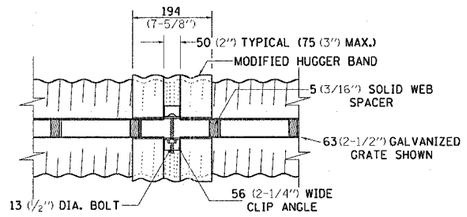
The grate and plate extenders shall be galvanized in accordance with ASTM A123 except with a 2 oz. galvanized coating.

GRATE ATTACHED TO CSP

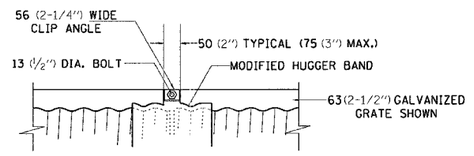
The grate shall be fillet welded with a minimum weld 1" long to the CSP on each side of the grate at every other corrugation.

TOLERANCES - FINISHED SLOTTED DRAIN - 20' LENGTHS

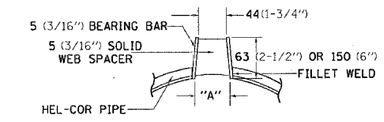
Vertical Bow= ± 3/8"
Horizontal Bow= ± 5/8"
Twist= ± ½"



TOP VIEW

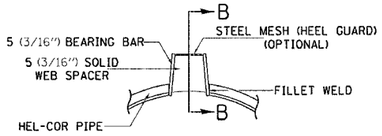


SIDE VIEW



SECTION A-A

STANDARD DETAIL



SECTION A-A

DETAIL WITH MESH

(TRAPEZOIDAL GALVANIZED GRATE SHOWN)

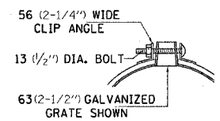
STANDARD SIZES						
GAGE OF PIPE	DIAMETER OF PIPE					
	300 (12")	375 (15")	450 (18")	600 (24")	750 (30")	900 (36")
16	X	X	X	X	X	X
14	X	X	X	X	X	X
12	N.A.	N.A.	N.A.	N.A.	X	X

GRATE TYPE		"A"
VERT	63 (2-1/2")	44 (1-3/4")
VERT	150 (6")	44 (1-3/4")
TRAP	63 (2-1/2")	56 (2-1/4")
TRAP	150 (6")	75 (3")

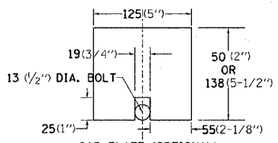
VERT = VERTICAL
TRAP = TRAPIZOIDAL

SLOTTED DRAIN NOTES

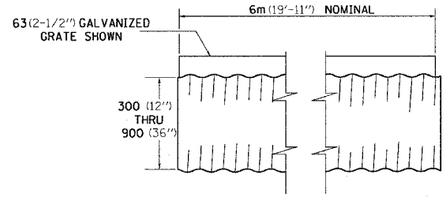
1. GRATING IS AVAILABLE IN DEPTHS OF 63 (2-½") AND 150 (6").
2. VERTICAL GRATING (STRAIGHT SIDES) WITH VERTICAL SPACERS IS ALSO AVAILABLE.
3. FOR 150 (6") VERTICAL & TRAPIZOIDAL REQUIREMENTS, THE SLOTTED DRAIN BAND MAY BE FURNISHED WITH THE 100 (4") TECHCO BAND ANGLE.
4. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
5. REFERENCE CONTECH BAND MANUAL DWG. NO. 1008466 FOR BAND DETAILS.
6. REFERENCE CONTECH SLOTTED DRAIN DWG. NO. 1002697
7. DIMENSIONS FOR H AND ½H AS REQUIRED.
8. H AND ½H MEASURED FROM TOP OF GRATE TO BOTTOM OF GRATE.



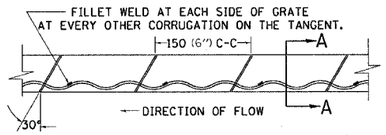
END VIEW



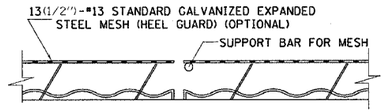
GAP PLATE (OPTIONAL)
MAY BE PLACED DIRECTLY OVER BAND BOLT TO PROVIDE CONTINUOUS FORM FOR GROUTING.



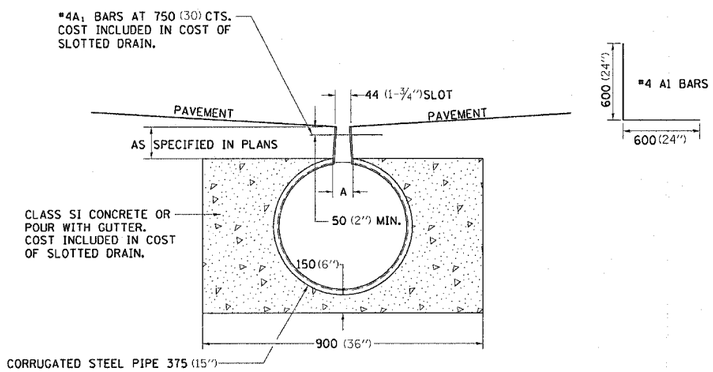
TYPICAL PIPE SECTION



GRATE WELDING DETAIL



SECTION B-B



ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

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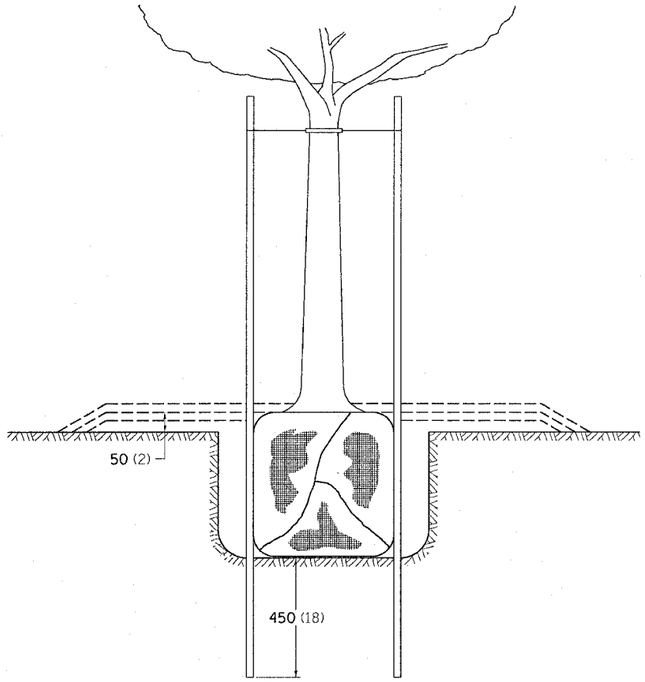
CONTRACT NO. 64A10

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	62
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

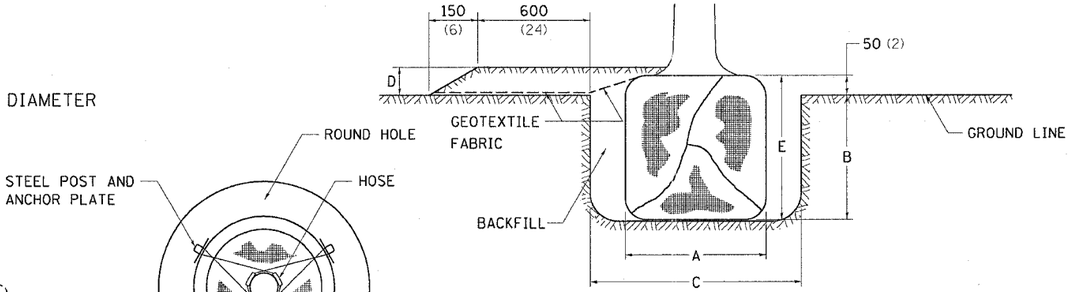
DETAILS OF PLANTING AND BRACING TREES

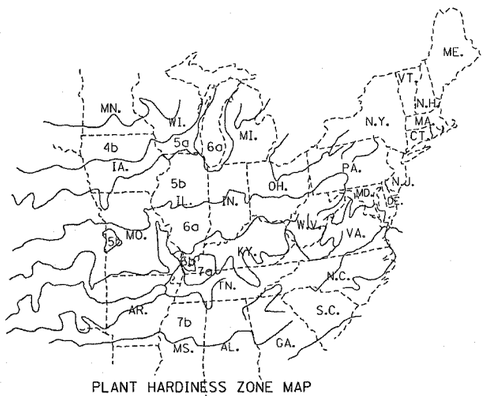


TREES SMALLER THAN 115 (4 1/2) IN DIAMETER

SMALL TREE SIZE	A DIAMETER OF BALL OR ROOT SYS.	B DEPTH OF HOLE EXCAVATION	C WIDTH OF HOLE EXCAVATION	D THICKNESS OF MULCH COVER	E DEPTH OF BALL OR ROOT SYS.	F VOLUME OF MULCH COVER m^3 (CU. YDS.)
1.5-1.8m (5'-6')	400 (16)	250 (10)	750 (30)	100 (4)	300 (12)	0.41 (0.54)
1.5-1.8m (5'-6') BB	400 (16)	250 (10)	750 (30)	100 (4)	300 (12)	0.41 (0.54)
1.8-2.0m (6'-7') BB	450 (18)	300 (12)	750 (30)	100 (4)	350 (14)	0.41 (0.54)
2.0-2.4m (7'-8') BB	500 (20)	275 (11)	750 (30)	100 (4)	325 (13)	0.41 (0.54)
2.4-3.0m (8'-10') BB	600 (24)	350 (14)	900 (36)	100 (4)	400 (16)	0.47 (0.61)
3.0-3.6m (10'-12') BB	650 (26)	375 (15)	900 (36)	100 (4)	425 (17)	0.47 (0.61)

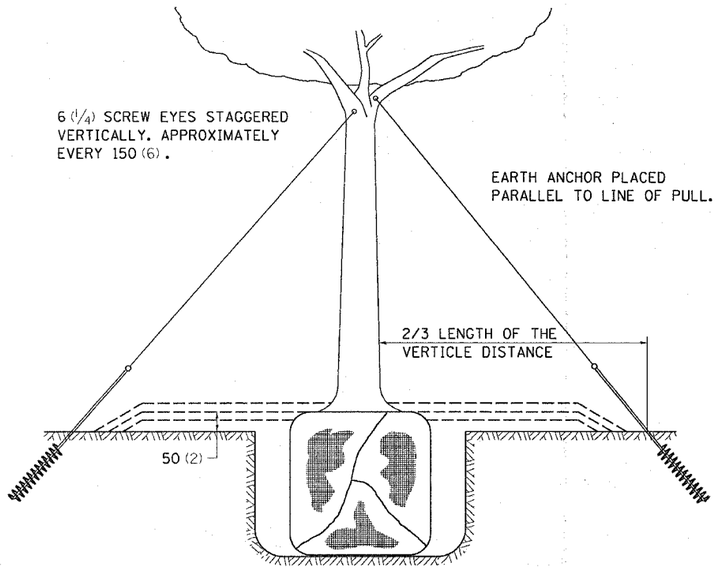
LARGE TREE SIZE	A DIAMETER OF BALL OR ROOT SYS.	B DEPTH OF HOLE EXCAVATION	C WIDTH OF HOLE EXCAVATION	D THICKNESS OF MULCH COVER	E DEPTH OF BALL OR ROOT SYS.	F VOLUME OF MULCH COVER m^3 (CU. YDS.)
0-50 (0-2)	500 (20)	275 (11)	900 (36)	100 (4)	325 (13)	0.47 (0.61)
50-65 (2-2 1/2)BB	600 (24)	350 (14)	1200 (48)	100 (4)	400 (16)	0.60 (0.78)
65-75 (2 1/2-3)BB	700 (28)	425 (17)	1200 (48)	100 (4)	475 (19)	0.60 (0.78)
75-90 (3-3 1/2) BB	800 (32)	425 (17)	1500 (60)	100 (4)	475 (19)	0.73 (0.96)
90-100 (3 1/2-4) BB	900 (36)	500 (20)	1500 (60)	100 (4)	550 (22)	0.73 (0.96)
100-115 (4-4 1/2) BB	1000 (40)	550 (22)	1800 (72)	100 (4)	600 (24)	0.89 (1.16)
115-125 (4 1/2-5) BB	1100 (44)	600 (24)	1800 (72)	100 (4)	650 (26)	0.89 (1.16)
125-140 (5-5 1/2) BB	1200 (48)	675 (27)	2100 (84)	100 (4)	725 (29)	1.06 (1.38)



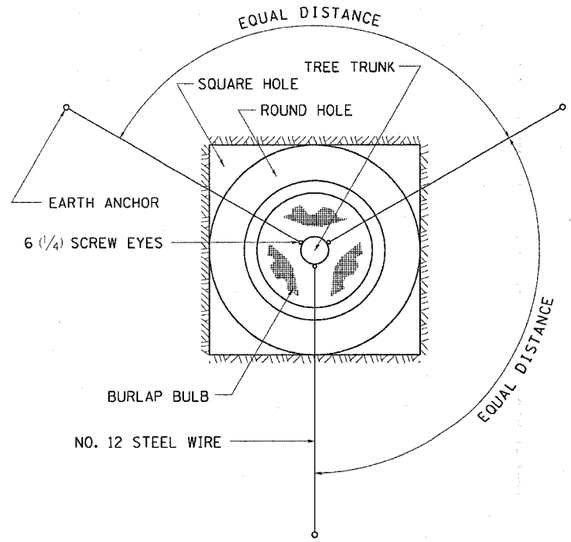


PLANT HARDINESS ZONE MAP

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
PUBLICATION NO. 814



TREES OVER 115 (4 1/2) IN DIAMETER



TREE REPLACEMENT SCHEDULE

CODE #	SCIENTIFIC NAME	COMMON NAME	SIZE	UNIT	QUANTITY
A2006514	TREE, QUERCUS BICOLOR	SWAMP WHITE OAK	1 3/4" CALIPER, BALLED AND BURLAPPED	EACH	9

LAYOUT SHALL BE PERFORMED BY THE DISTRICT LANDSCAPE ARCHITECT

MULCH SHALL BE HARDWOOD WOOD CHIPS, 5 FOOT WIDTH, 4 INCHES THICK WITH WEED BARRIER

ALTERNATE PLANTING SITE: FAI-80 / US 6 INTERCHANGE

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

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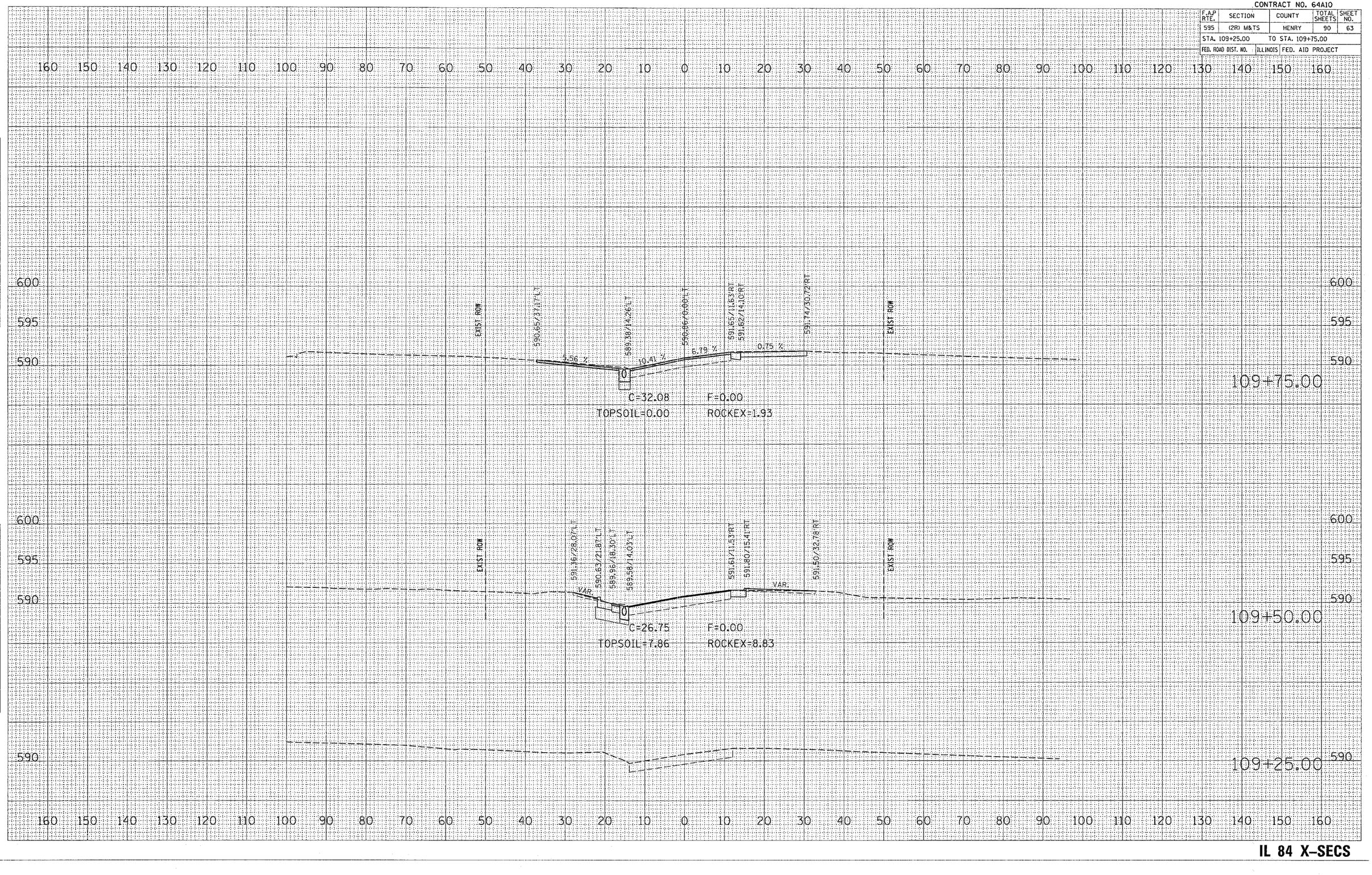
REVISED 10-15-04

CONTRACT NO. 64A10

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	63
STA. 109+25.00		TO STA. 109+75.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TE — AREAS — AREAS CHECKED — BY — DATE

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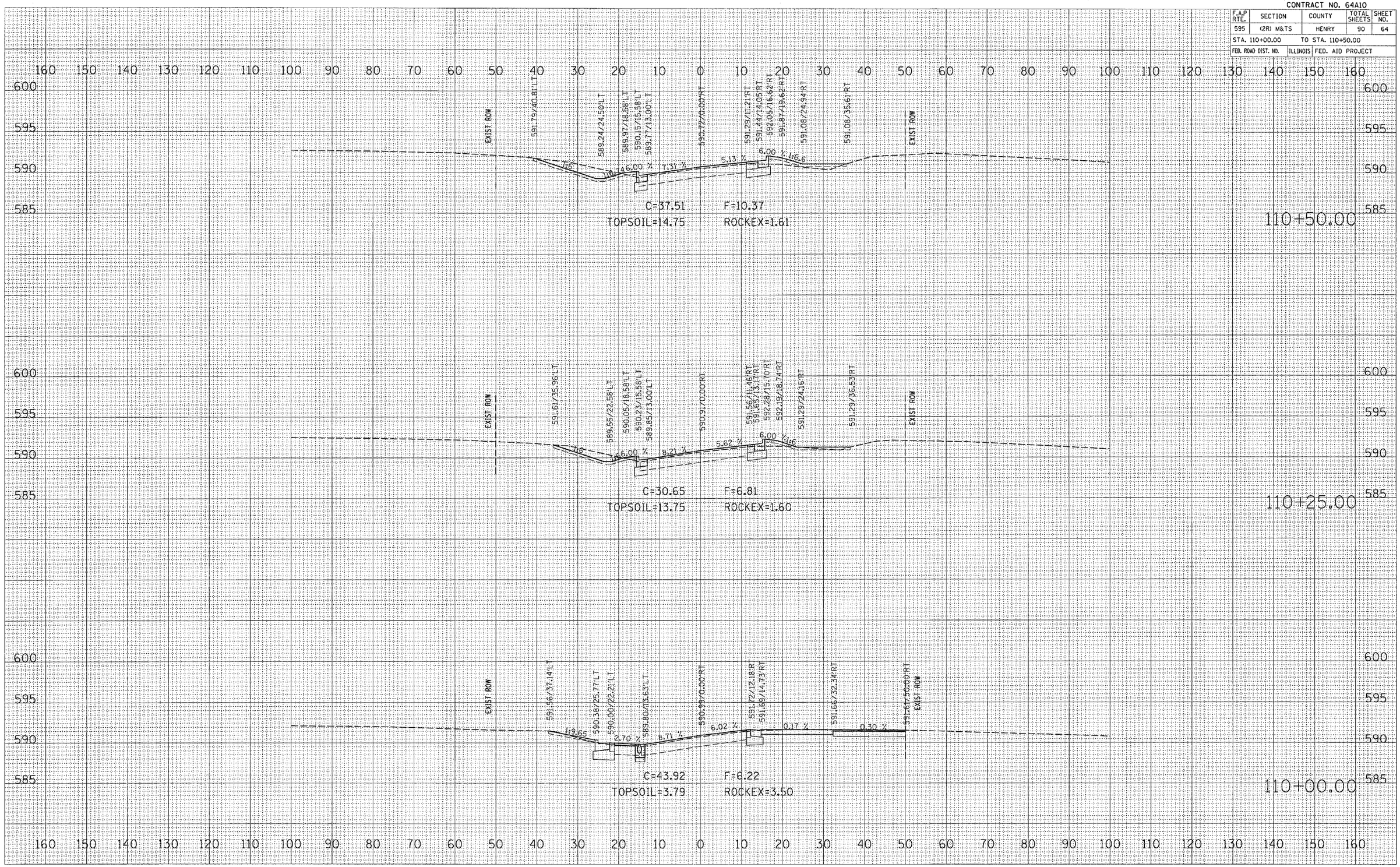
REFERENCE = REF

IL 84 X-SECS

CONTRACT NO. 64A10

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	64
STA. 110+00.00		TO STA. 110+50.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



FINAL SURVEY — NOTE BOOK — NO.

	BY	DATE
SURVEYED		
PLOTTED		
PLOT DATE		
AREAS		
AREAS CHECKED		

ORIGINAL SURVEY — NOTE BOOK — NO.

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SURVEYED		
PLOTTED		
PLOT DATE		
AREAS		
AREAS CHECKED		

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IL 84 X-SECS

CONTRACT NO. 64A10

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	65
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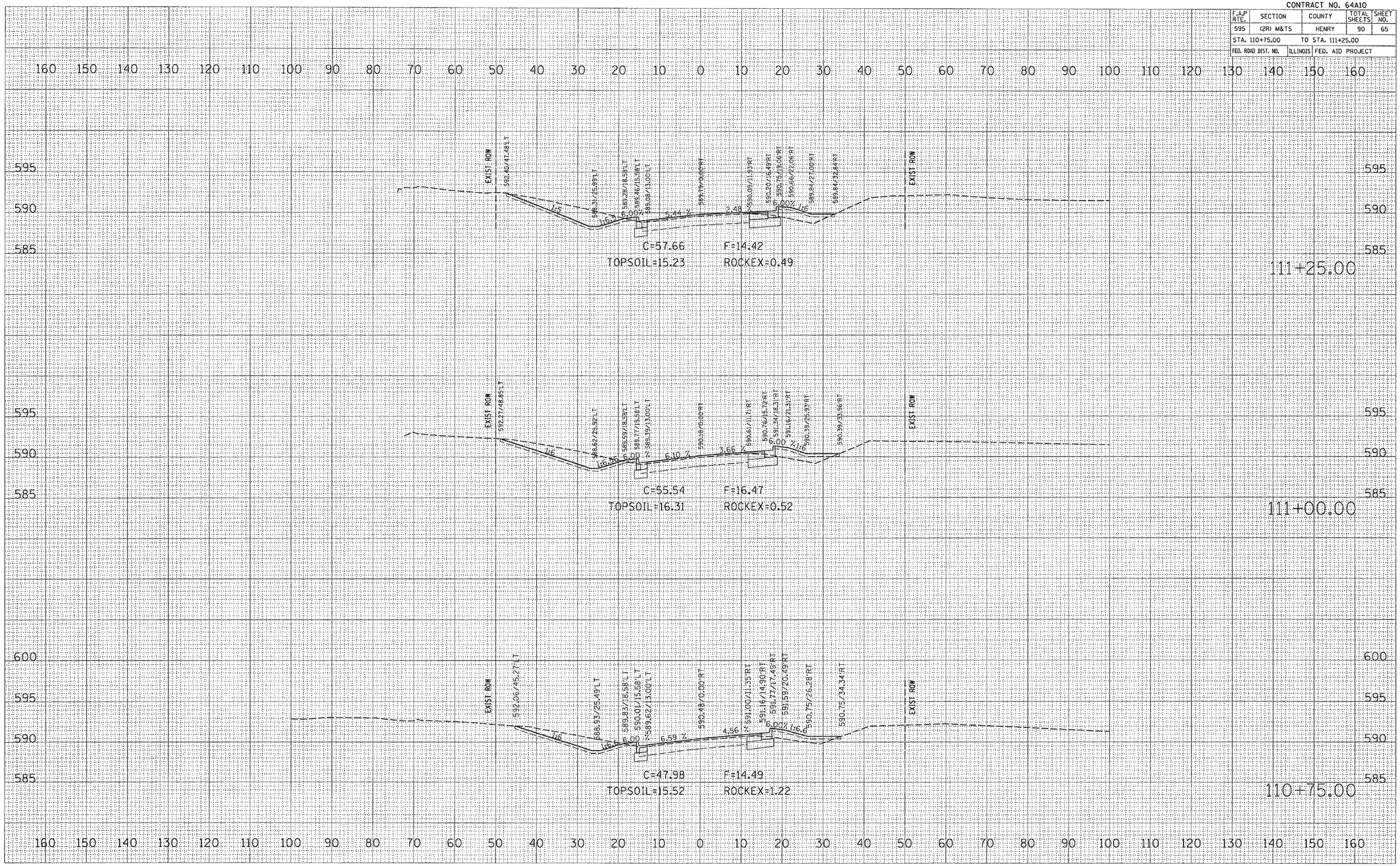
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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	PLOTTED		
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NOTE BOOK	PE		
NO.	AREAS CHECKED		

FINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
	TRANSFER		
NOTE BOOK	AREAS		
NO.	AREAS CHECKED		

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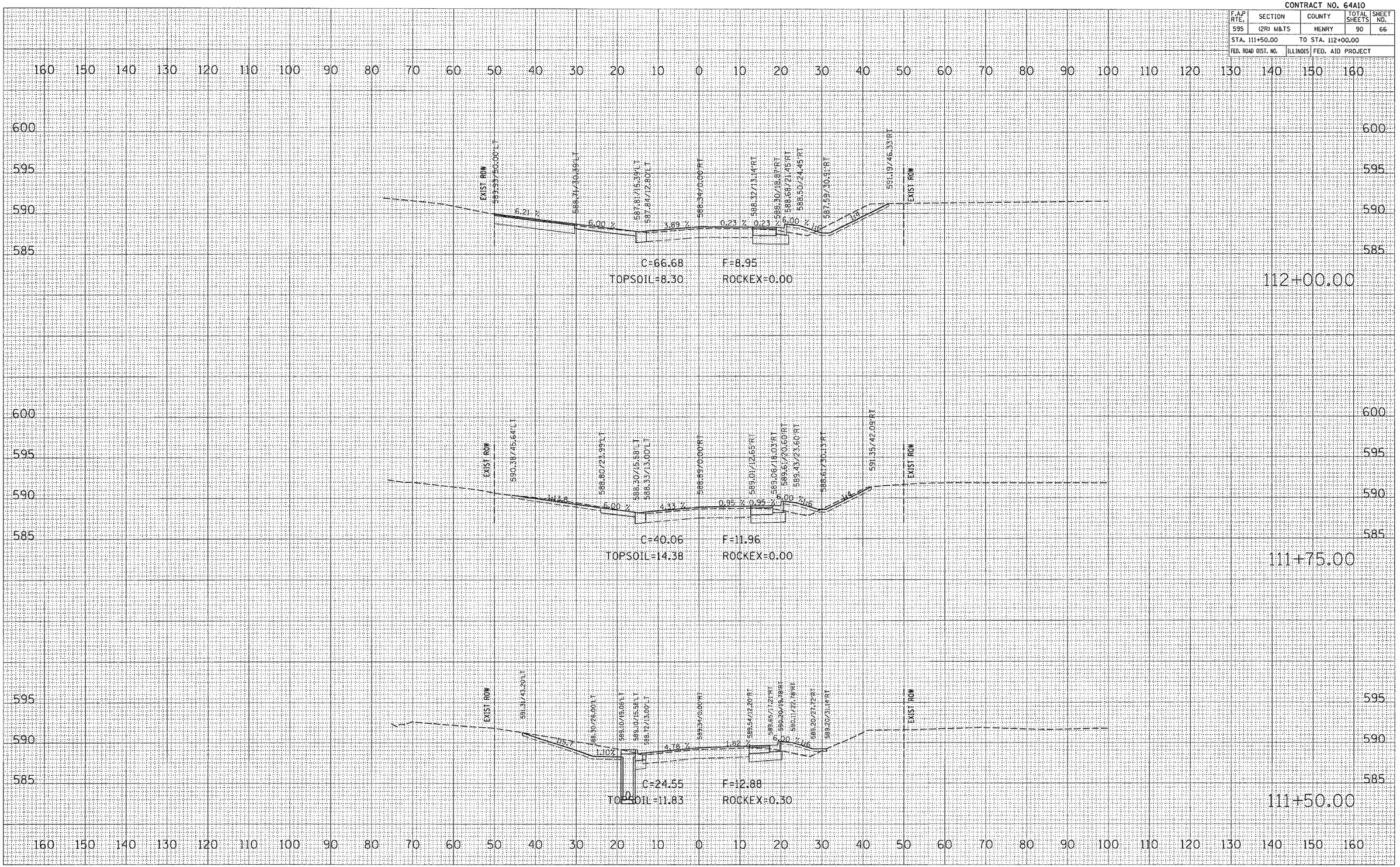
IL 84 X-SECS

CONTRACT NO. 64A10

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	66
STA. 111+50.00	TO STA. 112+00.00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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	PLOTTED						
NOTE BOOK	TEMPLATE						
NO.	AREAS						
	AREAS CHECKED						

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	PLOTTED						
NOTE BOOK	T_ATE						
NO.	AREAS CHECKED						

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IL 84 X-SECS

CONTRACT NO. 64A10

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	67
STA. 112+25.00	TO STA. 112+50.00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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600 595 590 585 580

EXIST ROW 591.37/49.00LT
586.34/23.53LT
586.98/18.18LT
587.16/15.18LT
586.78/12.60LT
587.17/0.00RT
586.90/14.10RT
586.78/20.53RT
587.16/23.11RT
586.98/26.11RT
586.16/32.09RT
591.04/49.33RT EXIST ROW

116.9 6.00% 3.14 % 1.89 % 1.89 % 6.00 % 116.9

C=88.68 F=8.11
TOPSOIL=20.02 ROCKEX=0.00

112+50.00

EXIST ROW 588.41/33.33LT
587.28/15.28LT
587.31/12.70LT
587.76/0.00RT
587.61/13.65RT
587.32/22.28RT
587.74/25.28RT
585.92/31.20RT
590.96/48.38RT EXIST ROW

115.9 6.00% 3.55 % 1.14 % 1.14 % 6.00 % 114

C=57.46 F=8.34
TOPSOIL=14.19 ROCKEX=0.00

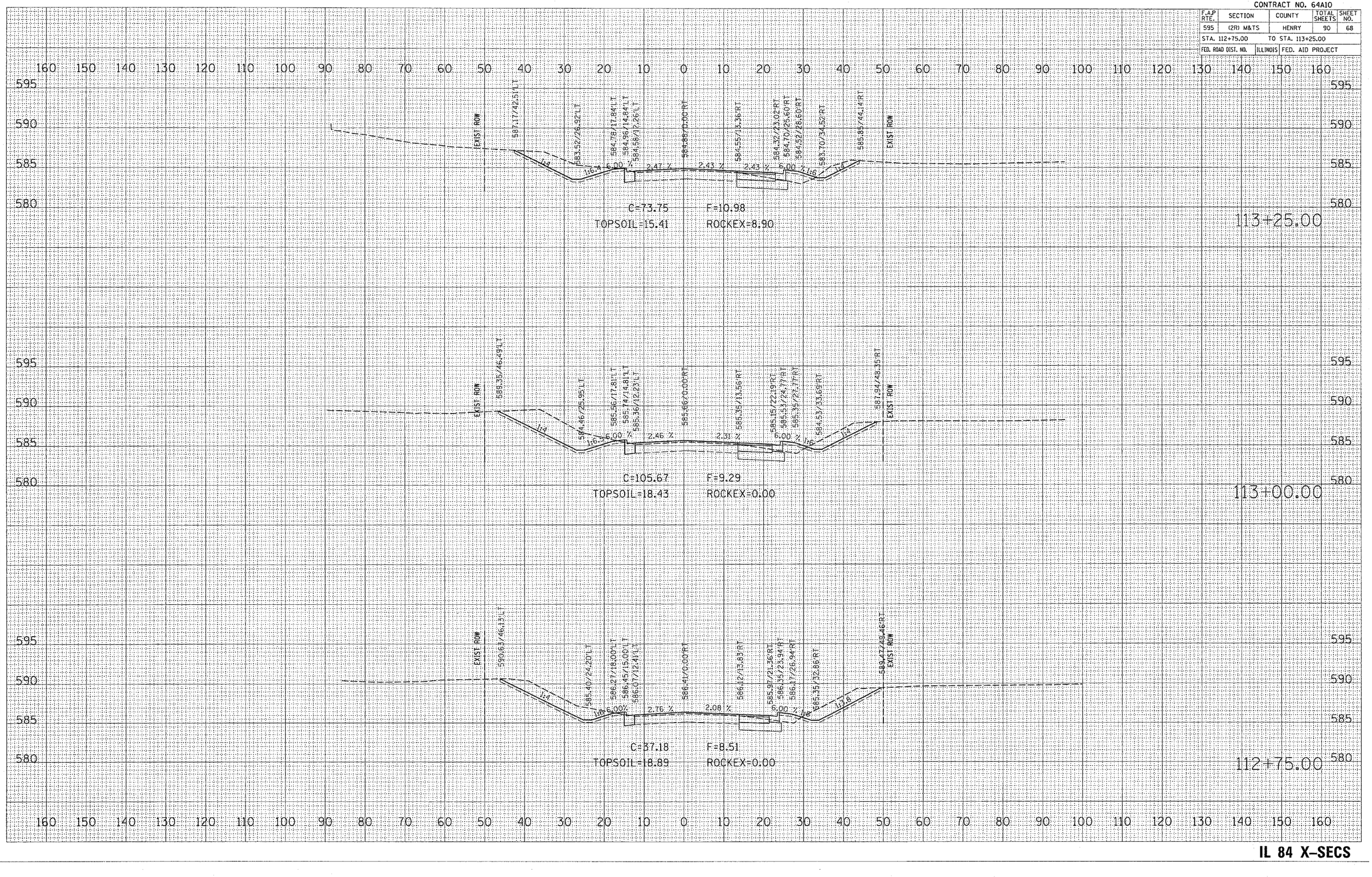
112+25.00

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

IL 84 X-SECS

CONTRACT NO. 64A10

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	68
STA. 112+75.00		TO STA. 113+25.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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	PLOTTED	DATE
NOTE BOOK	TEMPLATE	
NO.	AREAS	
	AREAS CHECKED	

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	PLOTTED	DATE
NOTE BOOK	TE YTE	
NO.	AREAS CHECKED	

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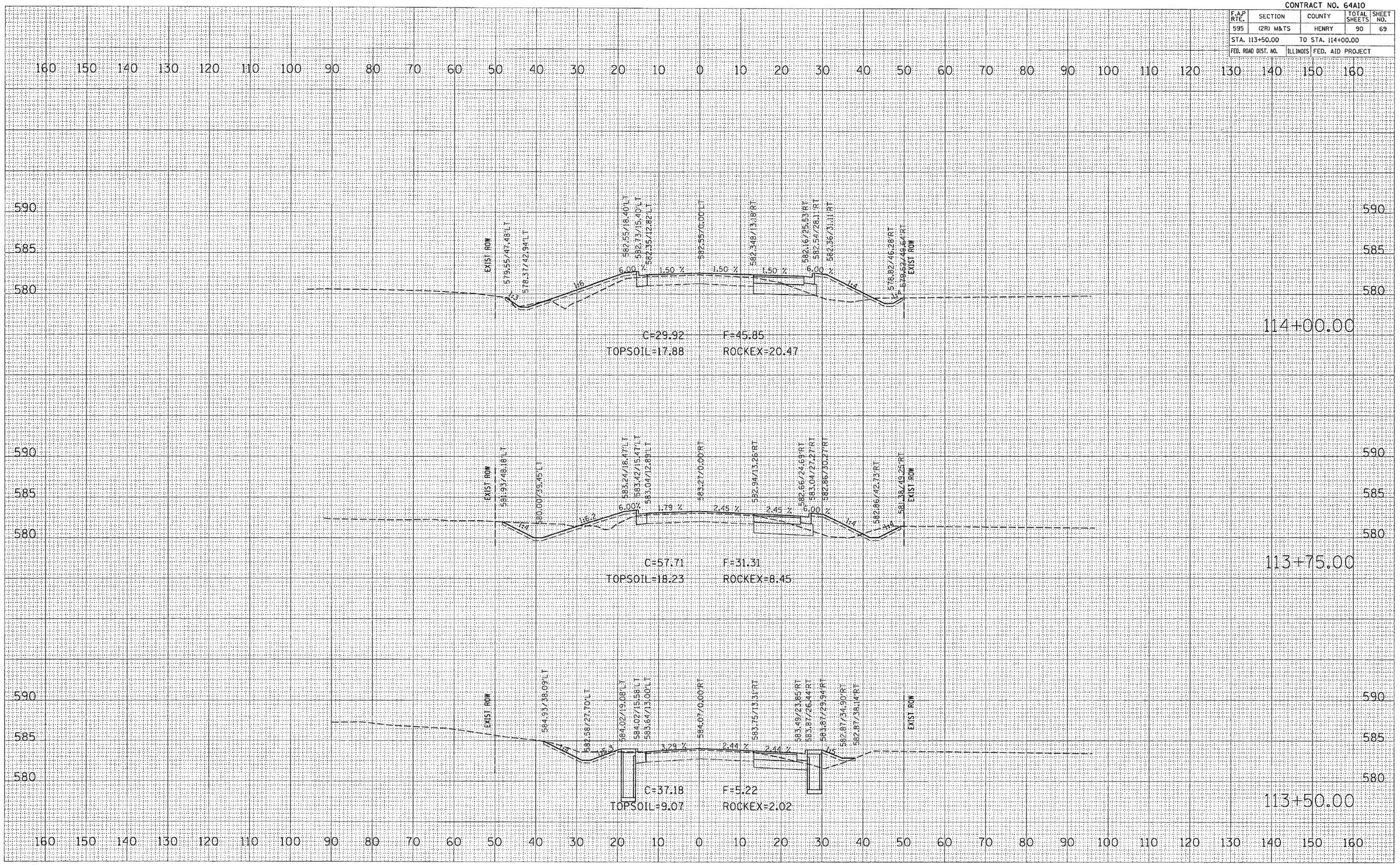
IL 84 X-SECS

CONTRACT NO. 64A10

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	69
STA. 113+50.00		TO STA. 114+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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IL 84 X-SECS

CONTRACT NO. 64A10

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	70
STA. 114+25.00		TO STA. 114+75.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	NOTE BOOK	NO.

BY	DATE
SURVEYED	
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AREAS	
AREAS CHECKED	

ORIGINAL SURVEY	NOTE BOOK	NO.

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AREAS CHECKED	

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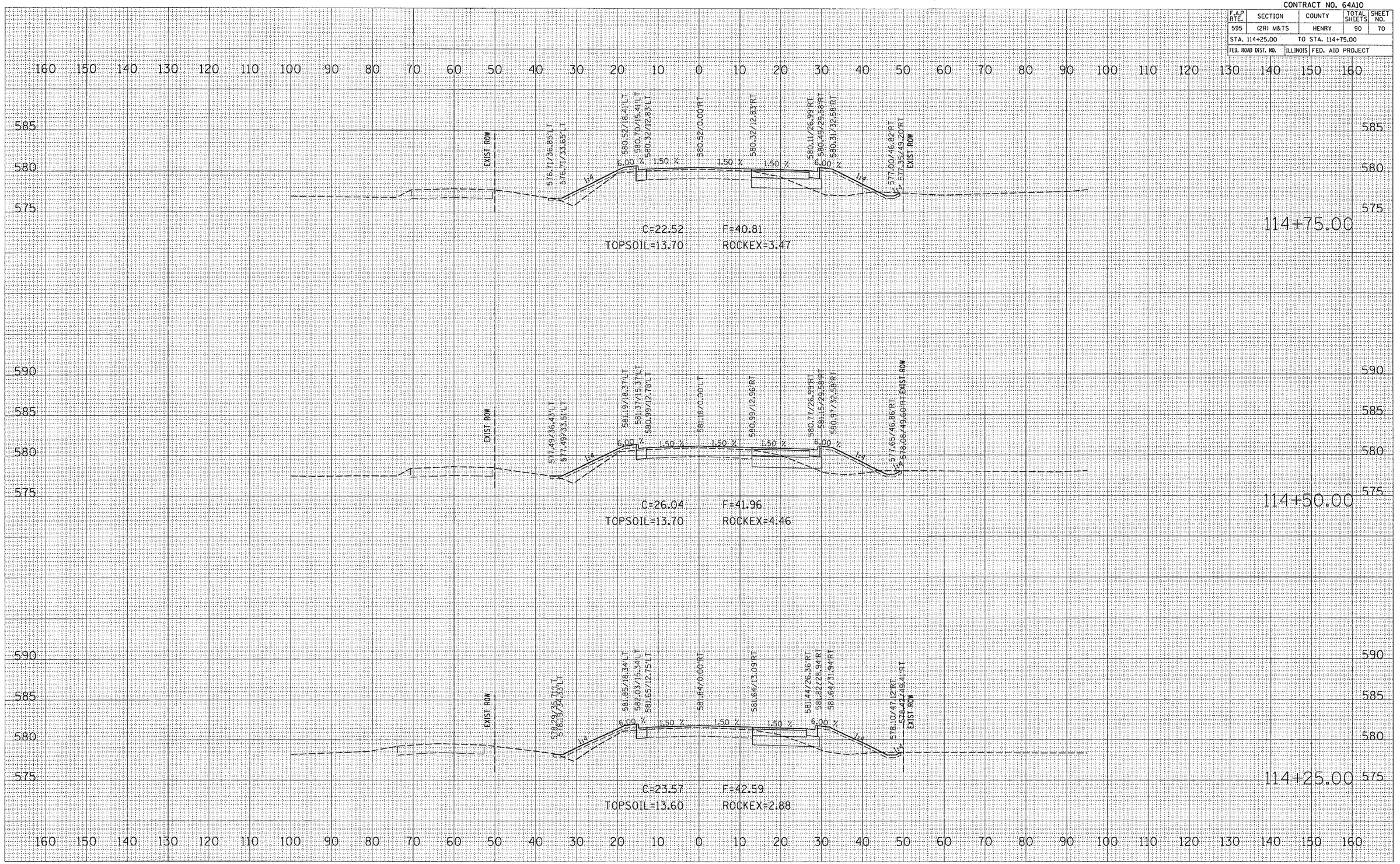
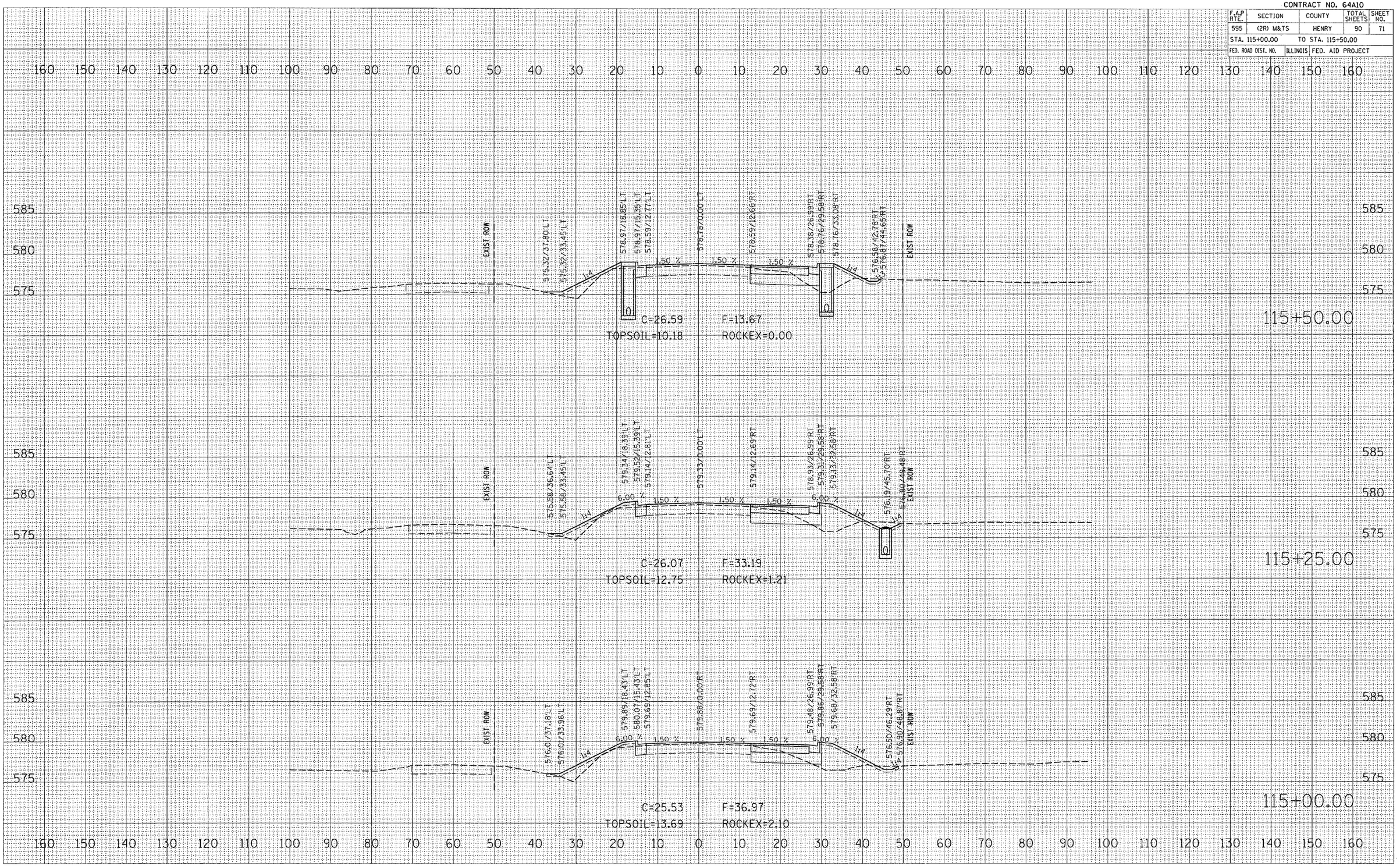


IL 84 X-SECS

CONTRACT NO. 64A10

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	71
STA. 115+00.00		TO STA. 115+50.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



IL 84 X-SECS

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	PLOTTED		
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	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY — NOTE BOOK — NO.

	SURVEYED	BY	DATE
	PLOTTED		
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REFERENCE = REF

CONTRACT NO. 64A10

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	72
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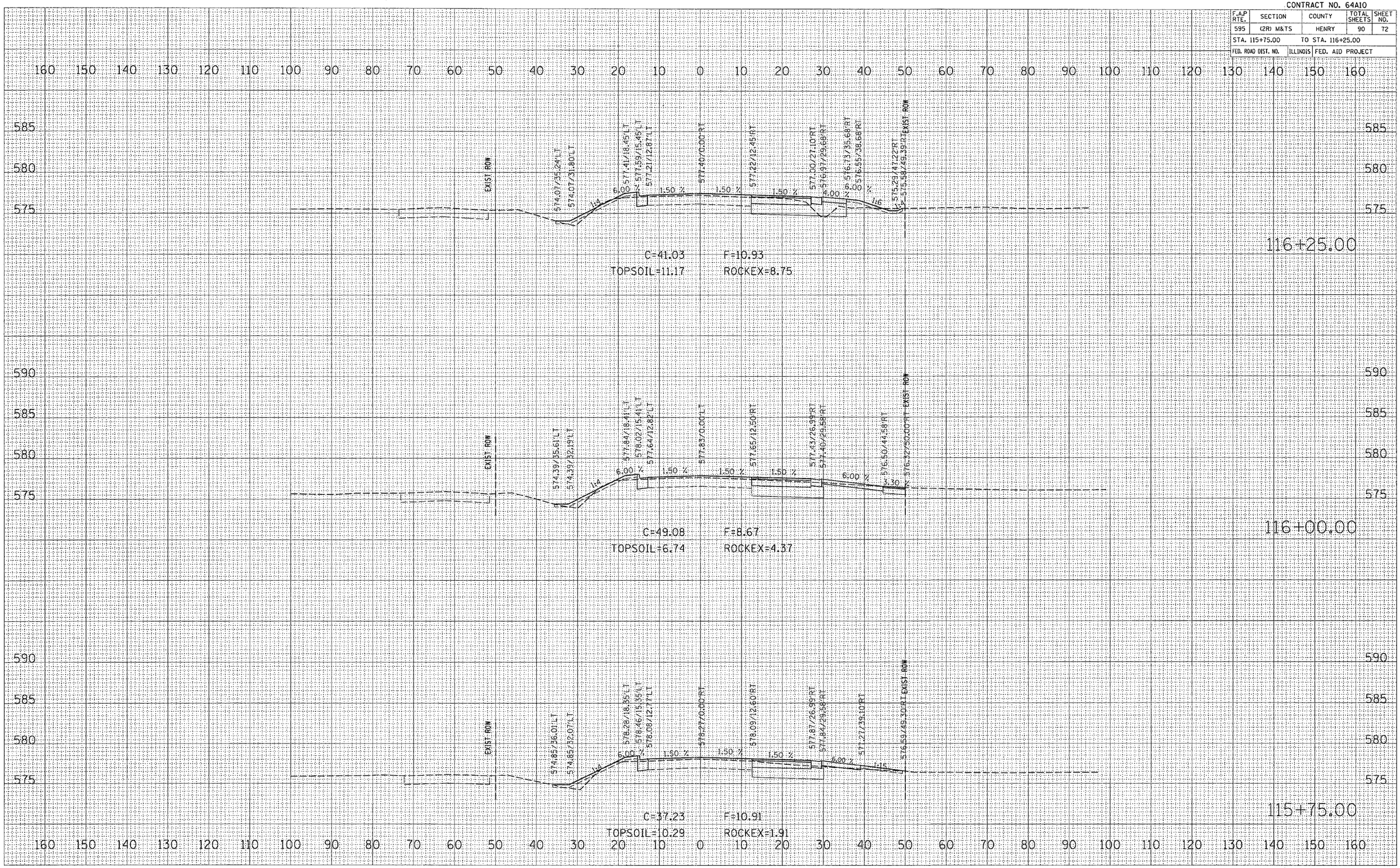
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



FINAL SURVEY	BY	DATE
NOTE BOOK	SURVEYED	
NO.	PLOTTED	
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	AREAS CHECKED	

ORIGINAL SURVEY	BY	DATE
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IL 84 X-SECS

CONTRACT NO. 64A10

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	73
STA. 116+50.00		TO STA. 116+75.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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585 580 575 570 565 560 555 550 545

EXIST ROW
574.85/7.93 LT
573.86/32.68 LT
1:4
6.00
576.72/20.23 LT
576.30/17.23 LT
576.52/14.65 LT
576.55/12.84 LT
1.50 %
576.74/0.00 LT
1.50 %
576.54/13.01 RT
1.50 %
576.33/26.99 RT
6.00
576.71/29.58 RT
576.53/32.58 RT
1:4
574.09/45.72 RT
575.03/48.83 RT
EXIST ROW

C=52.85 F=23.29
TOPSOIL=13.96 ROCKEX=14.20

116+75.00

EXIST ROW
573.96/34.33 LT
573.96/30.83 LT
1:4
6.00
577.01/18.42 LT
577.25/15.42 LT
576.87/12.84 LT
1.50 %
577.06/0.00 LT
1.50 %
576.87/12.79 RT
1.50 %
576.65/27.00 RT
6.00
576.63/29.58 RT
576.82/32.73 RT
576.64/35.73 RT
1:4
574.50/45.30 RT
574.37/48.19 RT
EXIST ROW

C=35.36 F=15.86
TOPSOIL=11.47 ROCKEX=10.04

116+50.00

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — H: 1" = 10' — V: 1" = 5' — AREAS — AREAS CHECKED — BY — DATE

PLOT DATE = Wed Feb 09 10:24:30 2005
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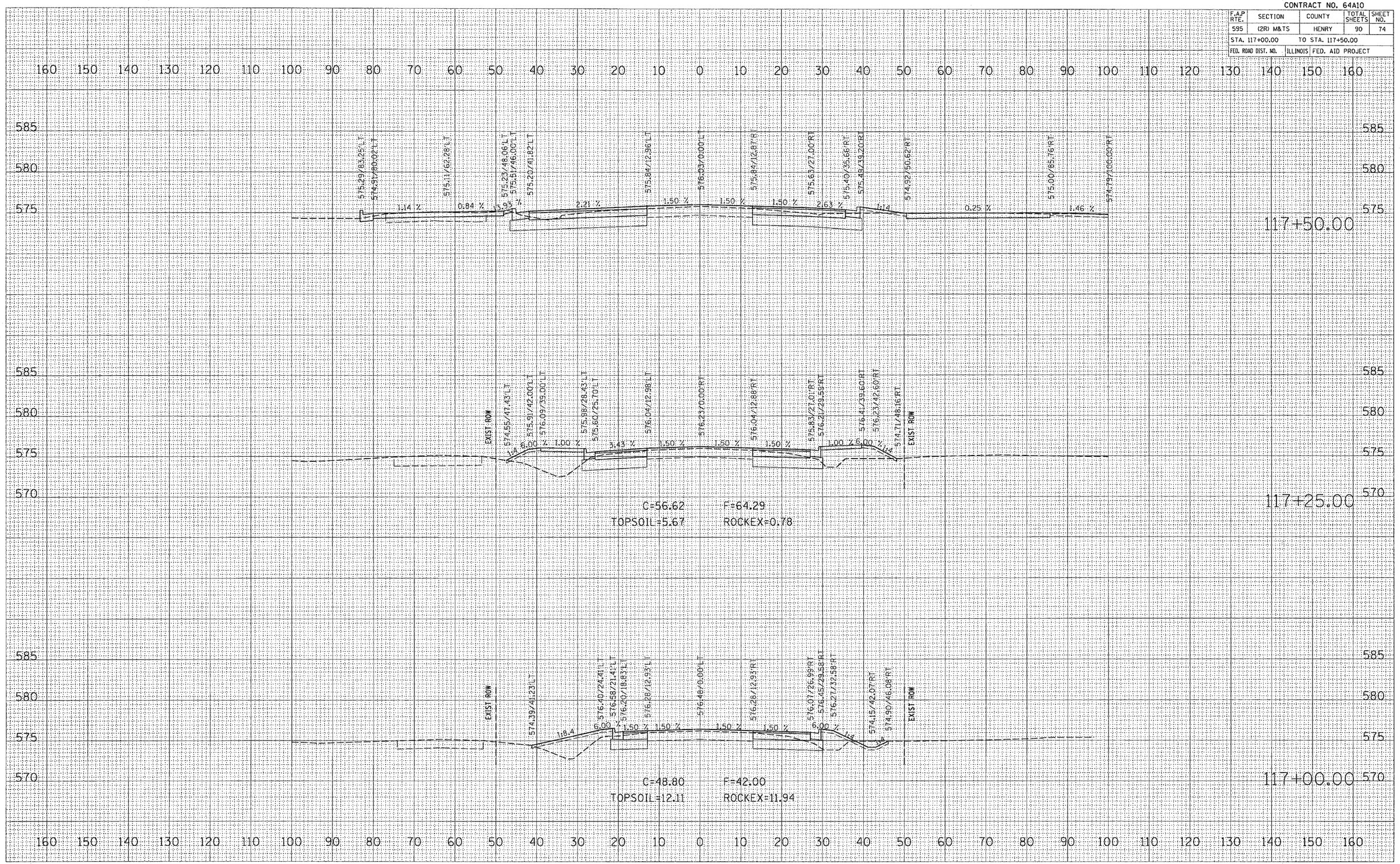
IL 84 X-SECS

CONTRACT NO. 64A10

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	74
STA. 117+00.00		TO STA. 117+50.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



FINAL SURVEY
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
NOTE BOOK
NO.
BY
DATE

ORIGINAL SURVEY
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
NOTE BOOK
NO.
BY
DATE

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IL 84 X-SECS

CONTRACT NO. 64A10

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	75
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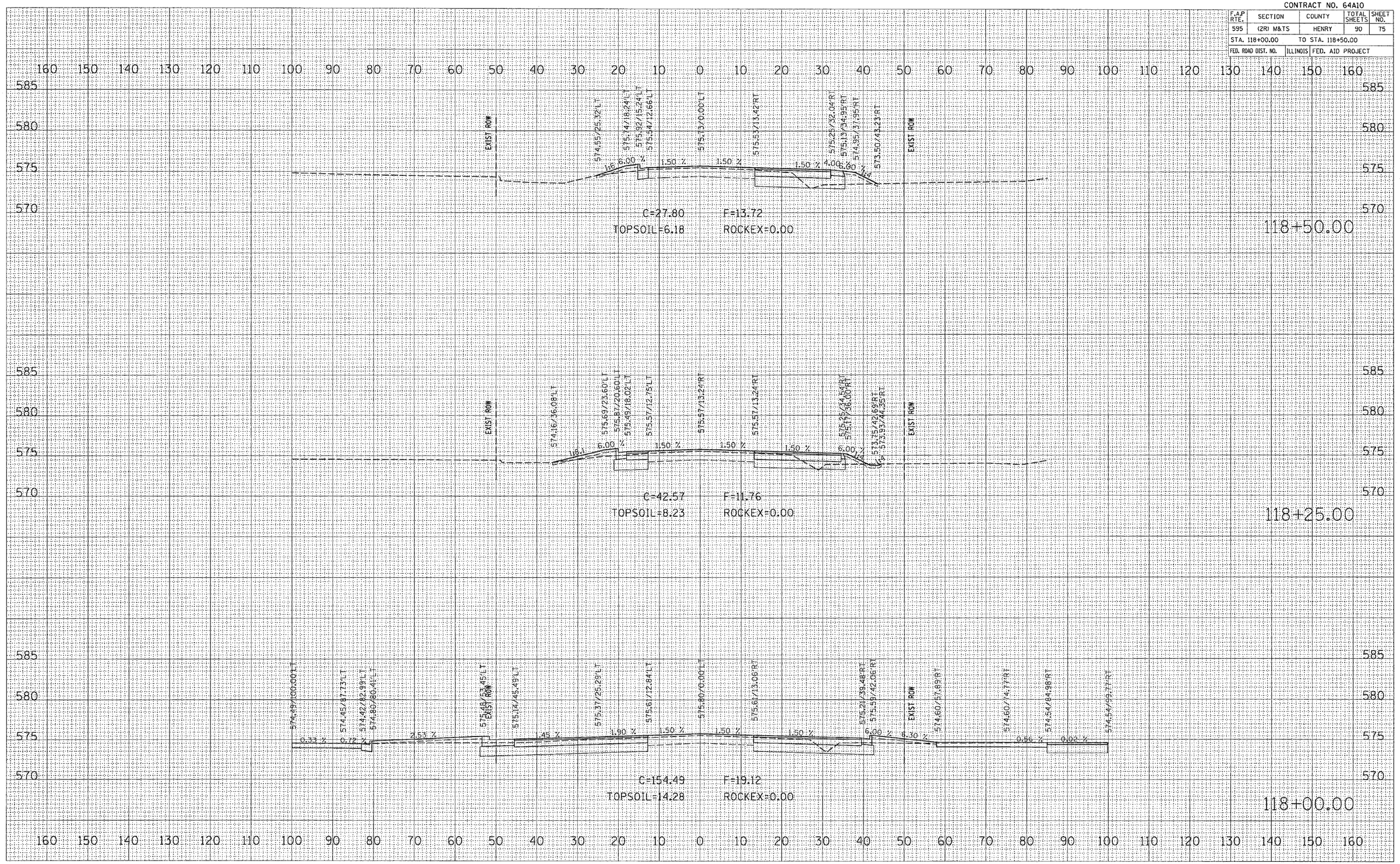
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



FINAL SURVEY	SURVEYED	BY
NOTE BOOK	PLOTTED	DATE
NO.	TEMPLATE	
	AREAS	
	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED	BY
NOTE BOOK	PLOTTED	DATE
NO.	TEMPLATE	
	AREAS	
	AREAS CHECKED	

PLOT DATE = Wed Feb 09 10:24:31 2005
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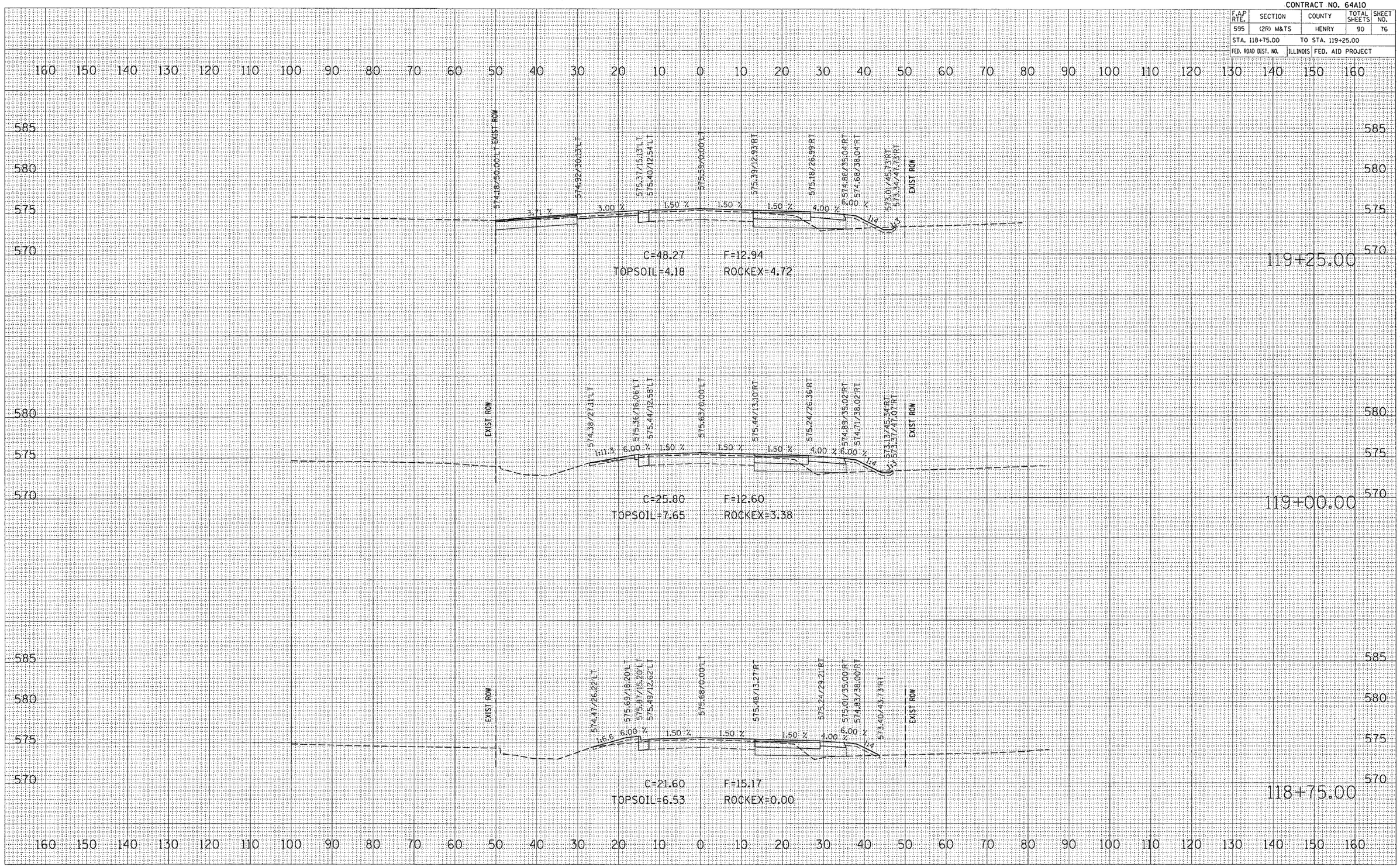
REFERENCE = REF

IL 84 X-SECS

CONTRACT NO. 64A10

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	76
STA. 118+75.00		TO STA. 119+25.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



FINAL SURVEY — NOTE BOOK — NO.
SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED
BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO.
SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED
BY — DATE

PLOT DATE = Wed Feb 09 10:24:32 2005
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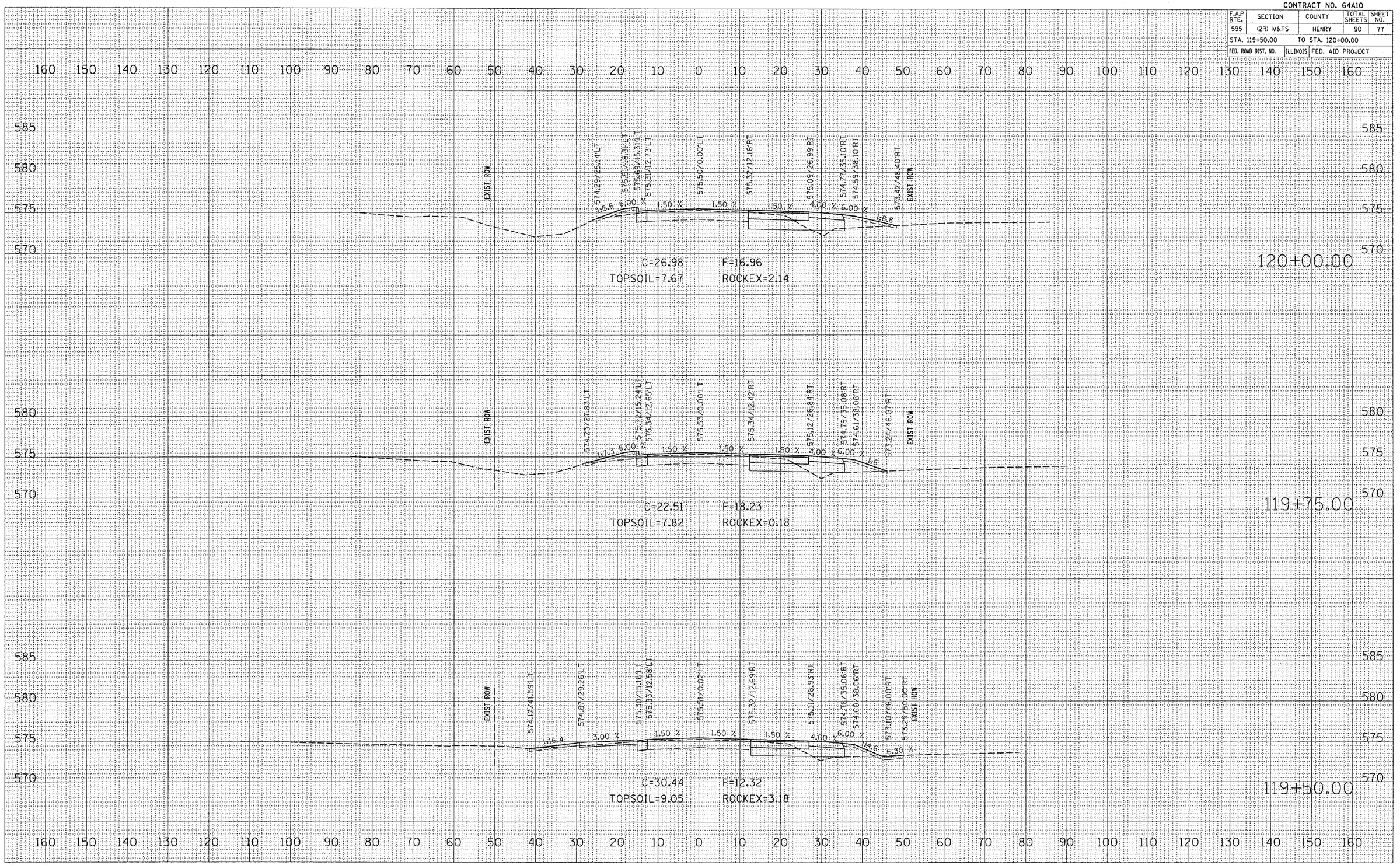
REFERENCE = REF

IL 84 X-SECS

CONTRACT NO. 64A10

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	77
STA. 119+50.00		TO STA. 120+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS CHECKED — BY — DATE

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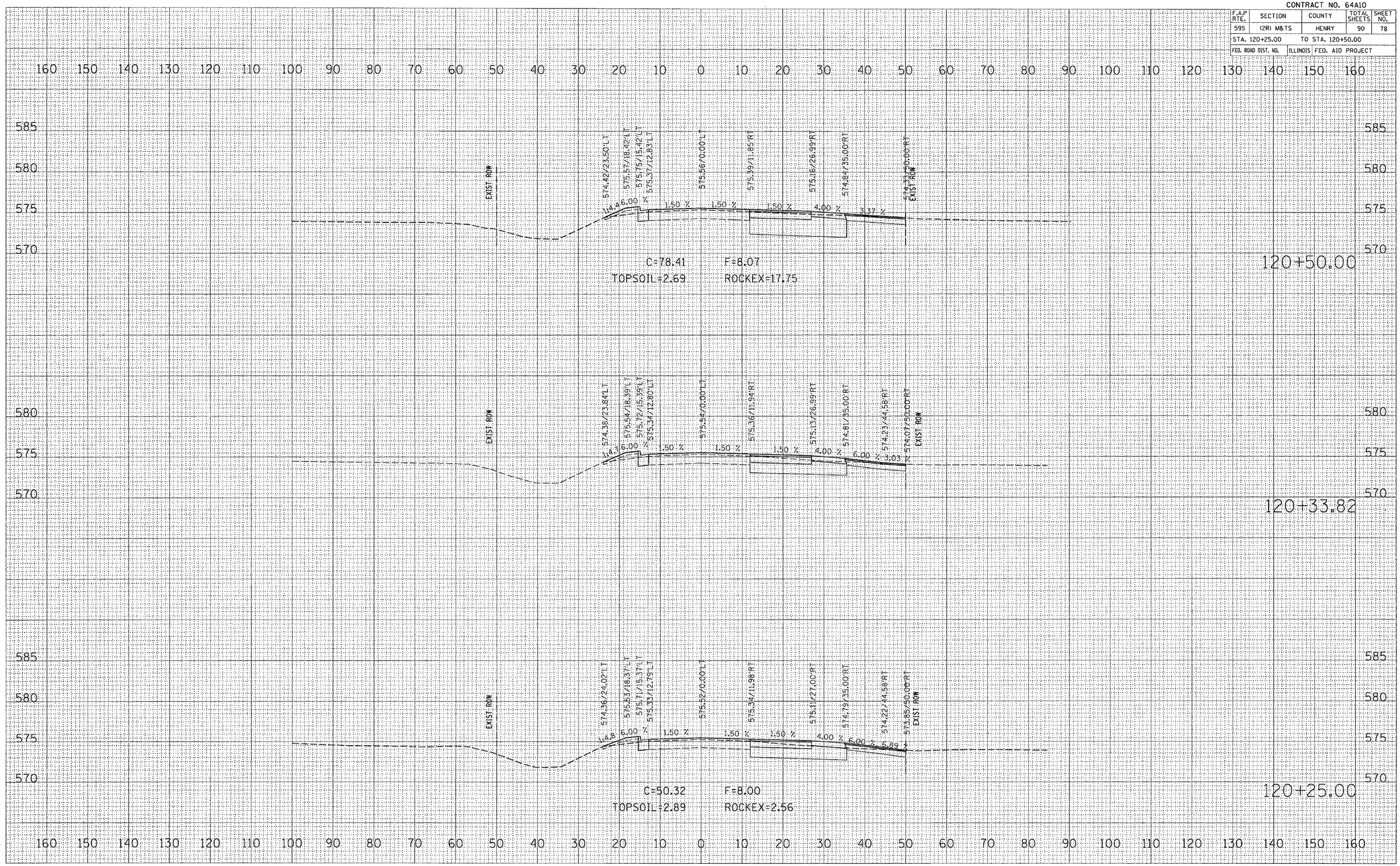
PLOT STYLE = HEPS
REFERENCE =

IL 84 X-SECS

CONTRACT NO. 64A10

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	78
STA. 120+25.00	TO STA. 120+50.00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

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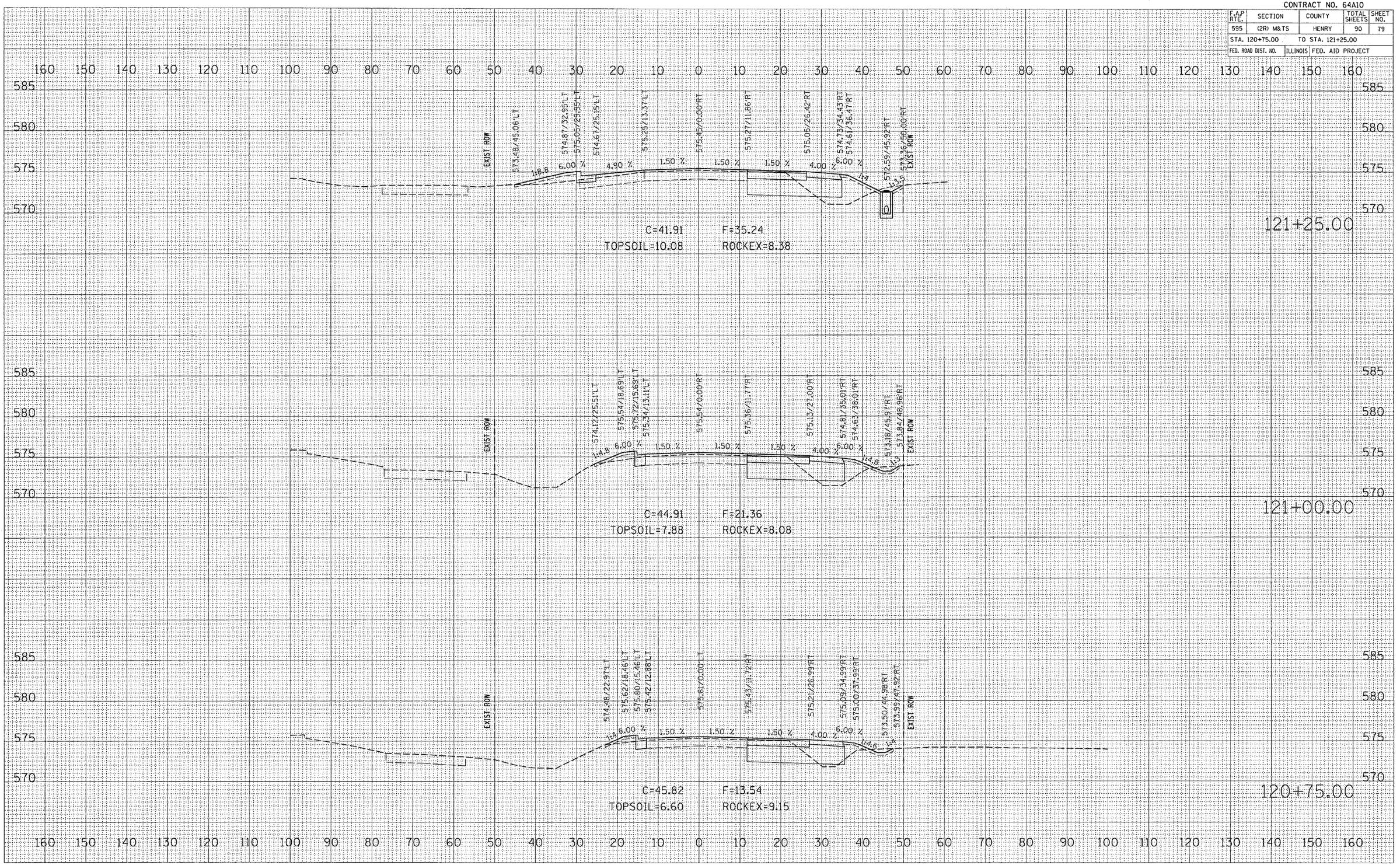
IL 84 X-SECS

CONTRACT NO. 64A10

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	79
STA. 120+75.00		TO STA. 121+25.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



FINAL SURVEY — NOTE BOOK NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

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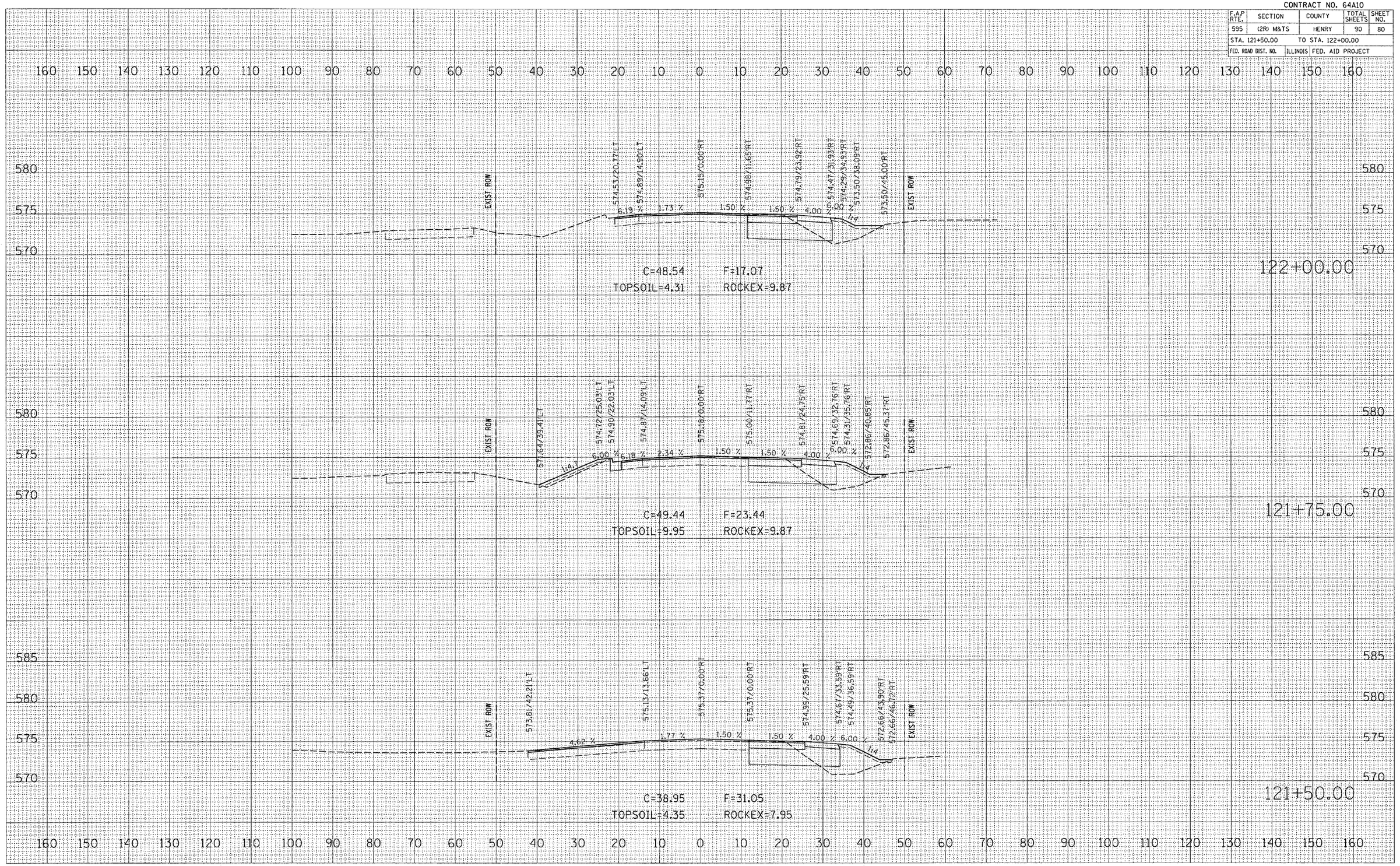
REFERENCE = REF

IL 84 X-SECS

CONTRACT NO. 64A10

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	80
STA. 121+50.00		TO STA. 122+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



FINAL SURVEY | ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

PLOT DATE = Wed Feb 09 10:24:34 2005
FILE NAME = c:\projects\k20\6841\sects1841.dgn
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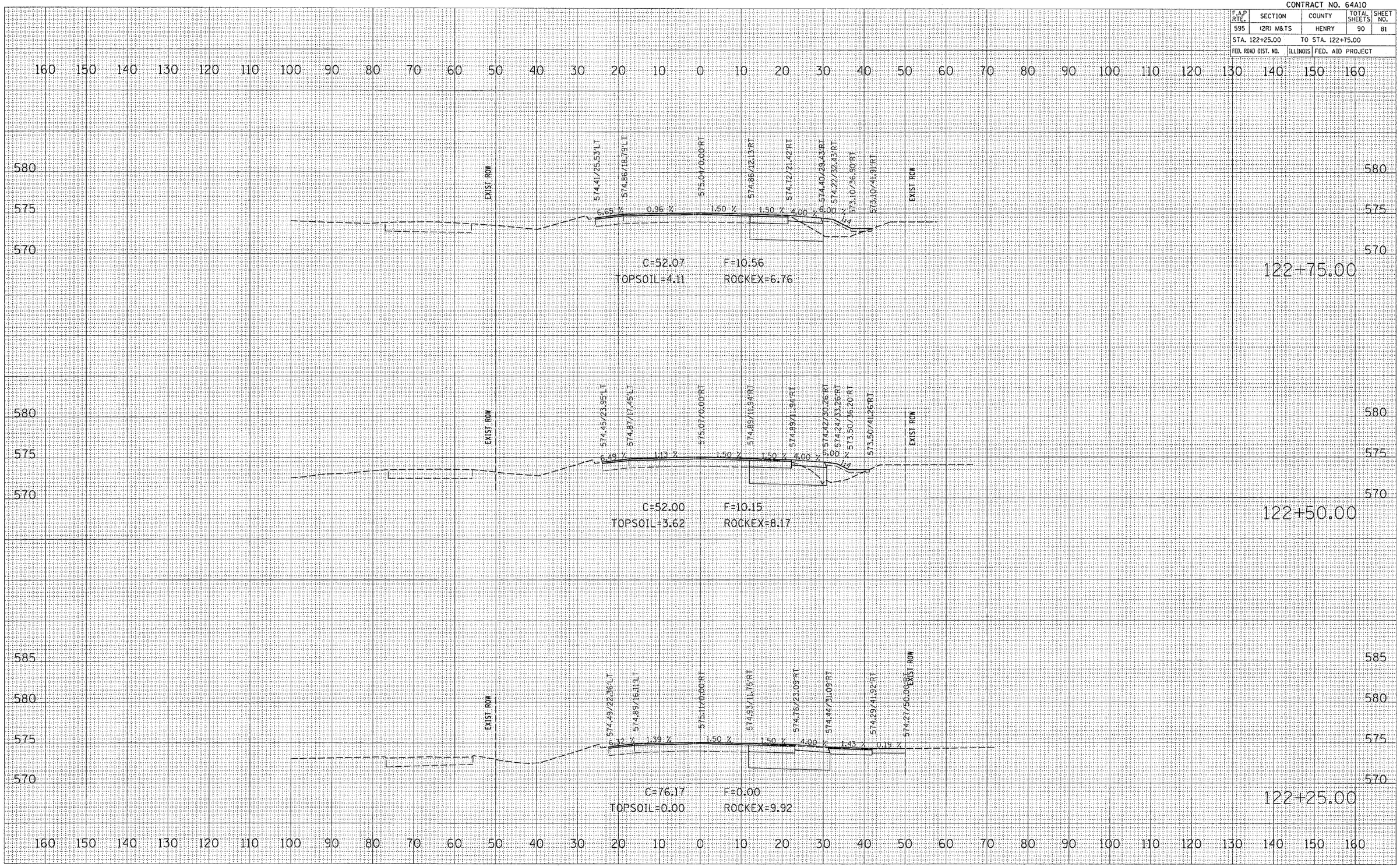
REFERENCE = REF

IL 84 X-SECS

CONTRACT NO. 64A10

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	81
STA. 122+25.00		TO STA. 122+75.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	CROSS SECTIONS		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	CROSS SECTIONS		
	AREAS		
	AREAS CHECKED		

PLOT DATE = Wed Feb 09 10:24:24 2005
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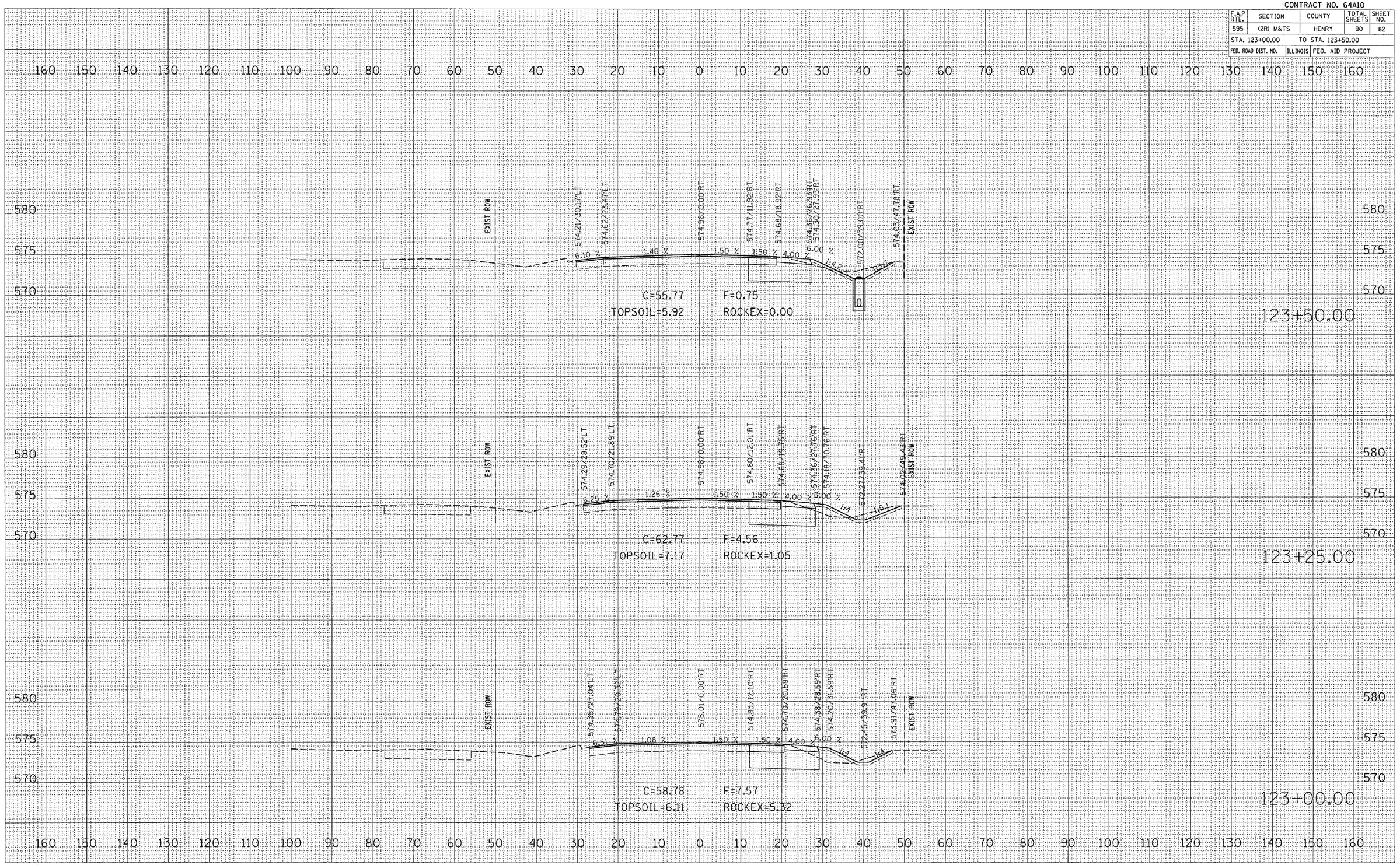
REFERENCE = REF

CONTRACT NO. 64A10

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	82
STA. 123+00.00		TO STA. 123+50.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



FINAL SURVEY — NO. — NOTE BOOK — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

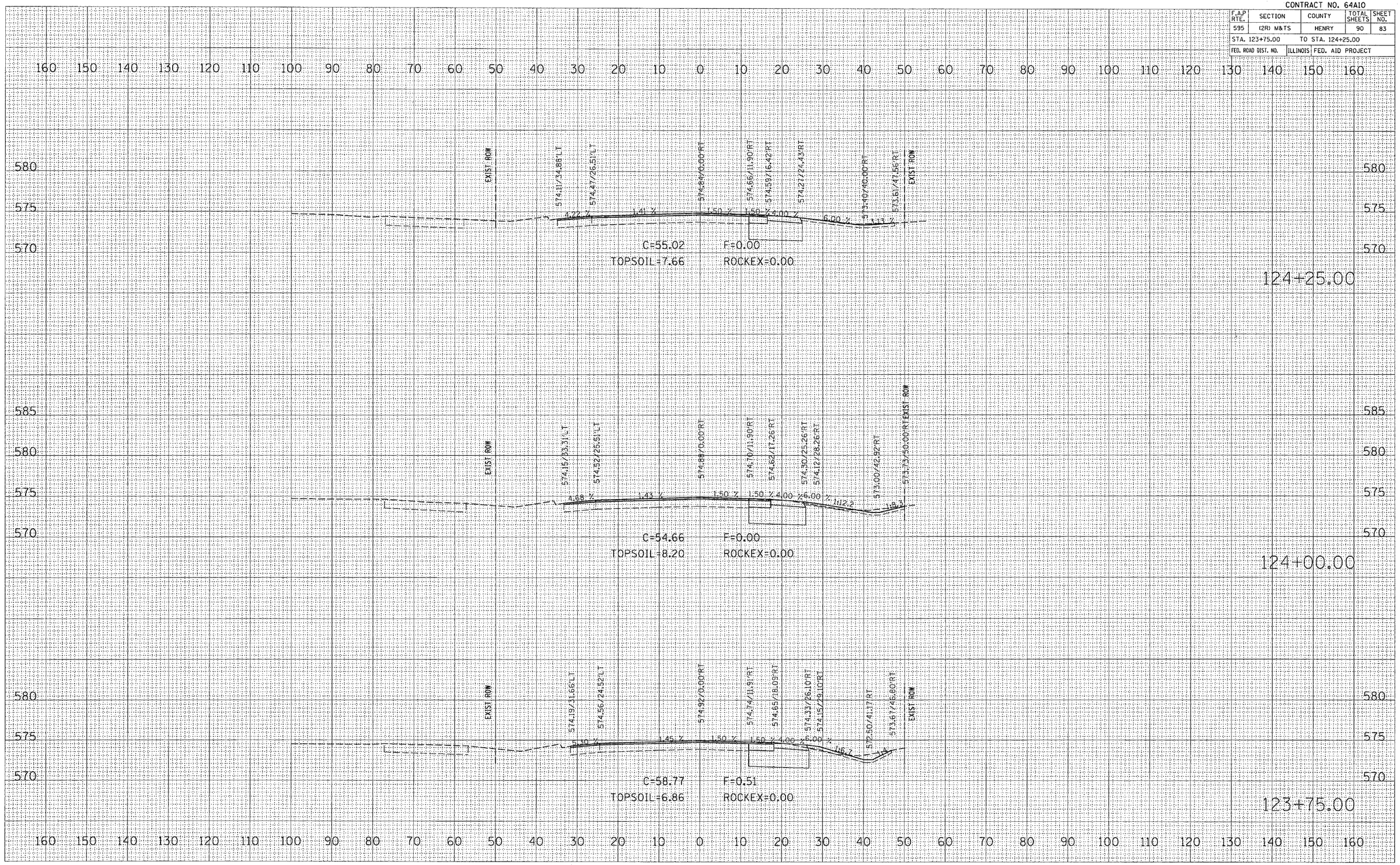
ORIGINAL SURVEY — NO. — NOTE BOOK — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

PLOT DATE = Wed Feb 09 10:24:35 2005
FILE NAME = c:\projects\p2005041\xsects1841.dgn
USER NAME = RICHARD / RN
PLOT SCALE = 1.0000 '/ IN.
REFERENCE = REF

IL 84 X-SECS

CONTRACT NO. 64A10

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	83
STA. 123+75.00		TO STA. 124+25.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



IL 84 X-SECS

FINAL SURVEY — NOTE BOOK — NO. — BY — DATE
SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED

ORIGINAL SURVEY — NOTE BOOK — NO. — BY — DATE
SURVEYED — PLOTTED — TEM — AREAS — AREAS CHECKED

PLOT DATE = Wed Feb 09 10:24:35 2005
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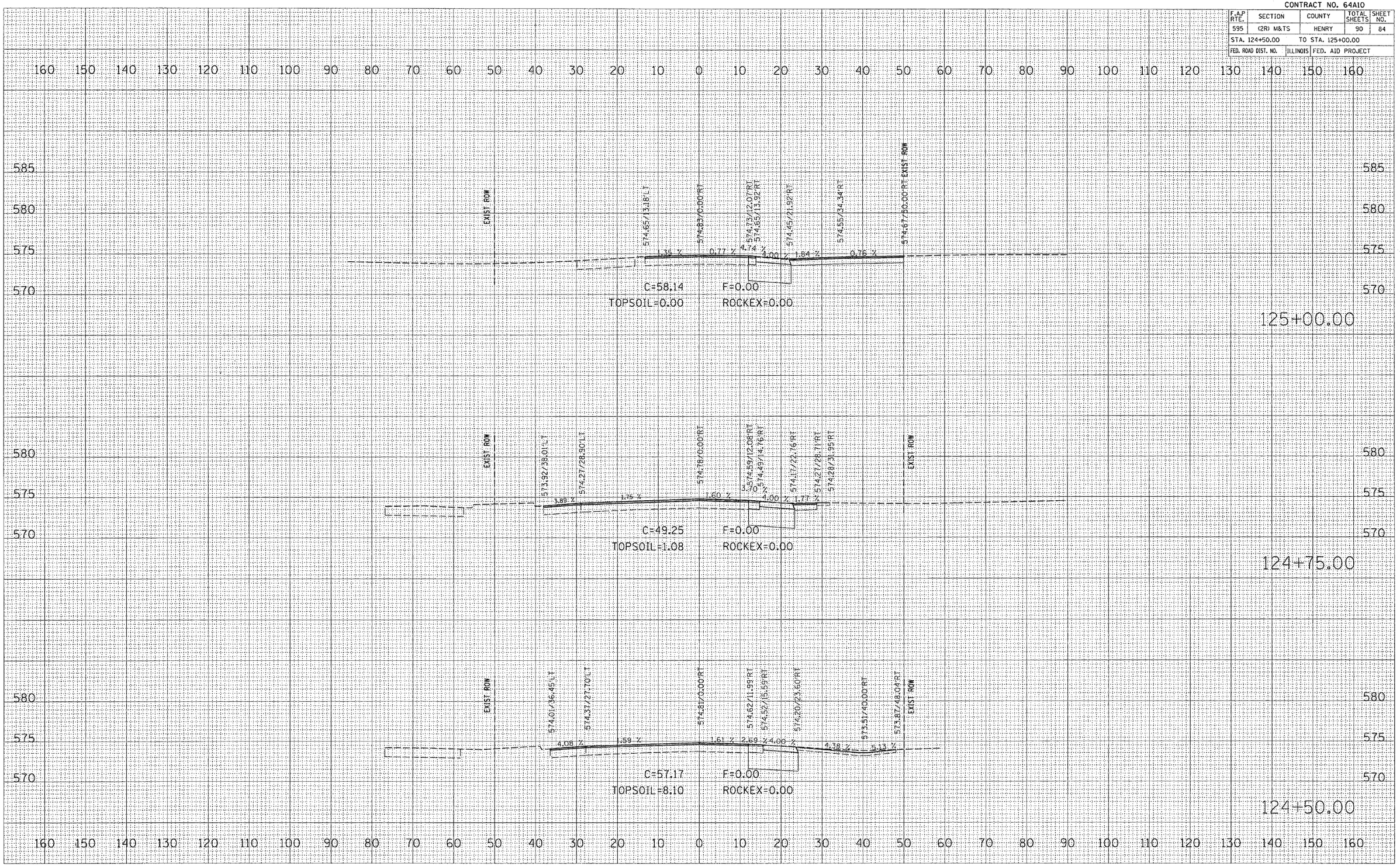
REFERENCE = #REF#

CONTRACT NO. 64A10

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	84
STA. 124+50.00		TO STA. 125+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEM — YE — AREAS — AREAS CHECKED — BY — DATE

PLOT DATE = Wed Feb 09 10:24:36 2005
FILE NAME = c:\projects\p595084\xsecs\il84.dgn
PLOT SCALE = 1.0000 ' / IN.
REFERENCE = REF

IL 84 X-SECS

CONTRACT NO64A10

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	85
STA. 8+00.00		TO STA. 8+35.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

580

575

570

574.87/34.03°LT
EXIST ROW
1.63 %
574.55/14.58'LT
574.59/12.00'LT
1.50 %
574.77/0.00'RT
1.50 %
574.59/12.00'RT
574.55/14.58'RT
2.82 %
EXIST ROW
575.19/37.05'RT

C=89.56 F=0.00
T=0.00

8+35.00

575

575

8+25.00

575

575

8+00.00

575

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

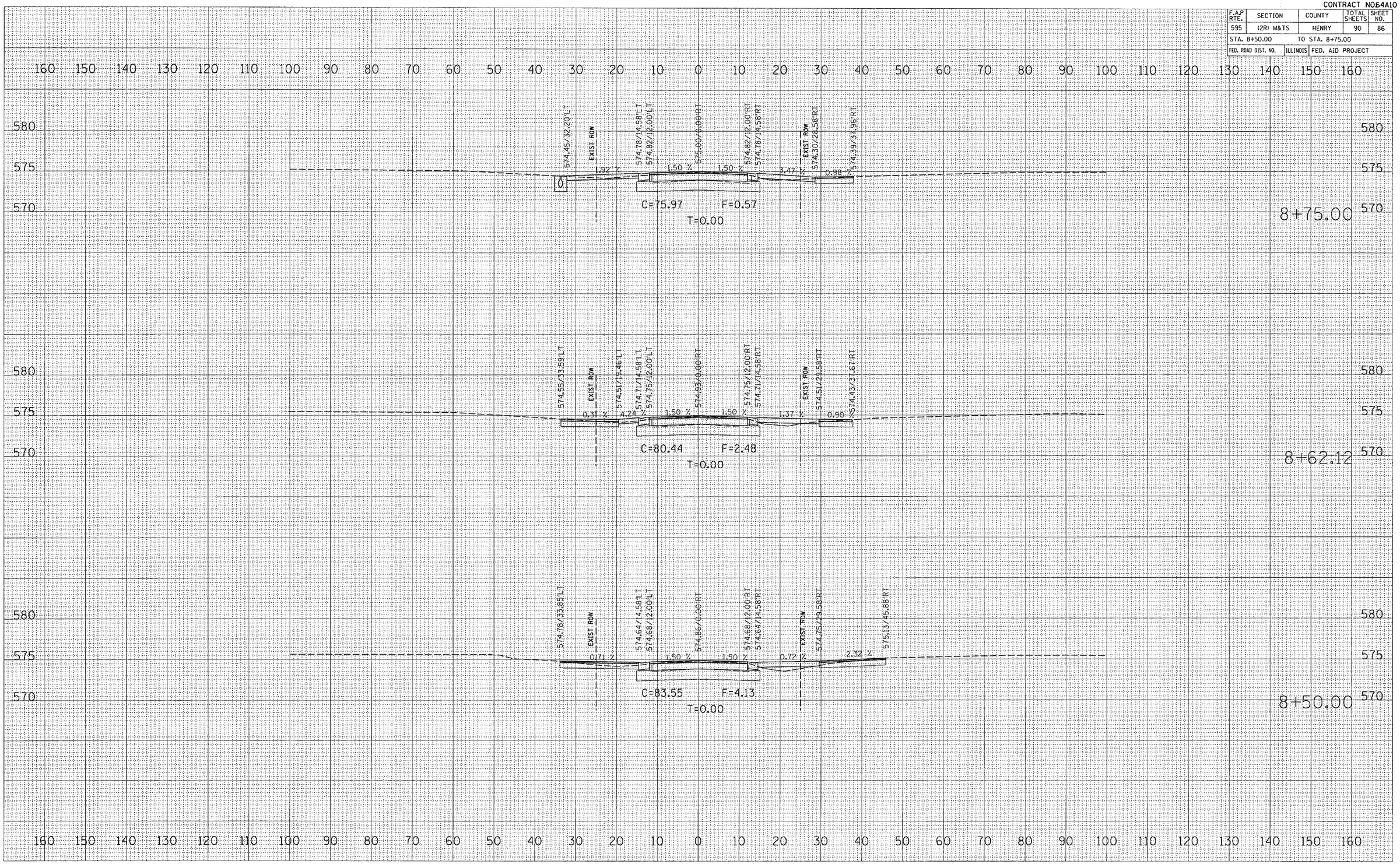
FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	HORIZ. SCALE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	HORIZ. SCALE		
	AREAS CHECKED		

PLOT DATE = Wed Feb 09 10:23:09 2005
FILE NAME = c:\projects\bd58a4\d58a4sht.dgn
USER NAME = mcdonald / JN
REFERENCE = REF

CONTRACT NO64A10

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	86
STA. 8+50.00		TO STA. 8+75.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



FINAL SURVEY		BY	DATE
	SURVEYED		
	PLOTTED		
NOTE BOOK	TEAM		
	AREAS CHECKED		
NO.			

ORIGINAL SURVEY		BY	DATE
	SURVEYED		
	PLOTTED		
NOTE BOOK	TEAM		
	AREAS CHECKED		
NO.			

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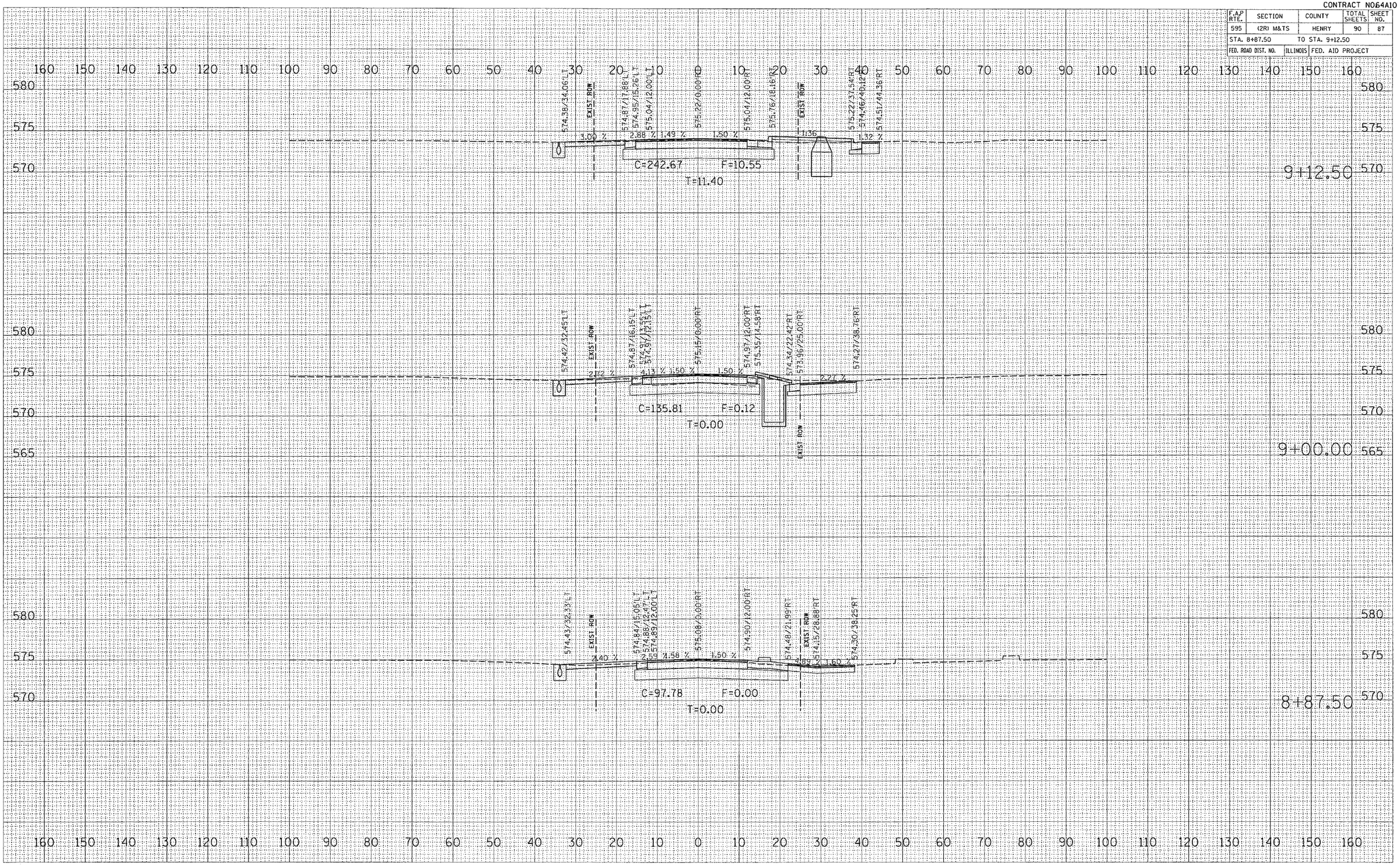
CONTRACT N064A10

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	87
STA. 8+87.50		TO STA. 9+12.50		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



FINAL SURVEY — NOTE BOOK NO.

	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

ORIGINAL SURVEY — NOTE BOOK NO.

	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

PLOT DATE = Wed Feb 09 10:23:18 2005
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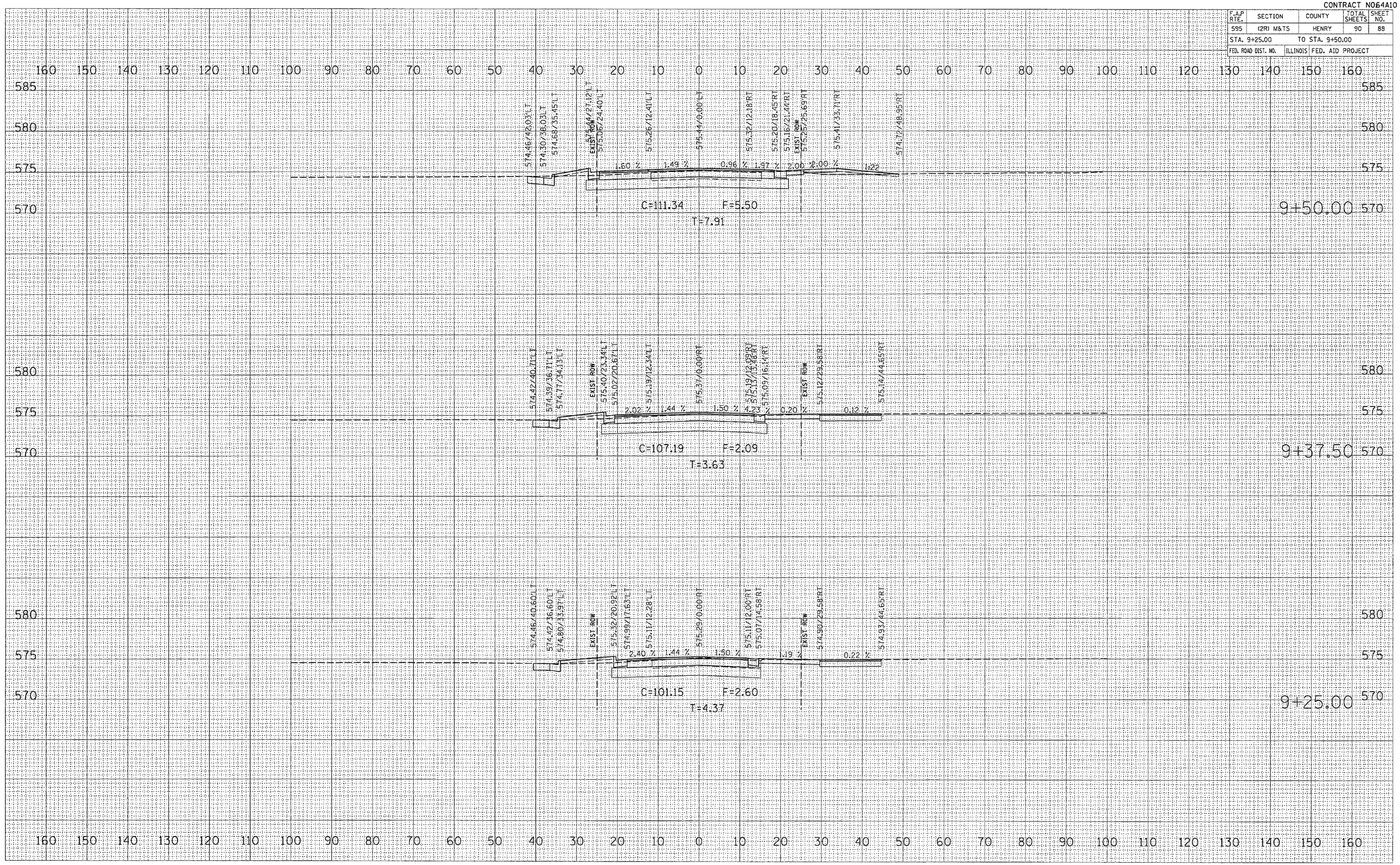
CONTRACT NO64A10

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	88
STA. 9+25.00		TO STA. 9+50.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



FINAL SURVEY	BY	DATE
NOTE BOOK	SURVEYED	
NO.	PLOTTED	
	PLATE	
	AREAS CHECKED	

ORIGINAL SURVEY	BY	DATE
NOTE BOOK	SURVEYED	
NO.	PLOTTED	
	PLATE	
	AREAS CHECKED	

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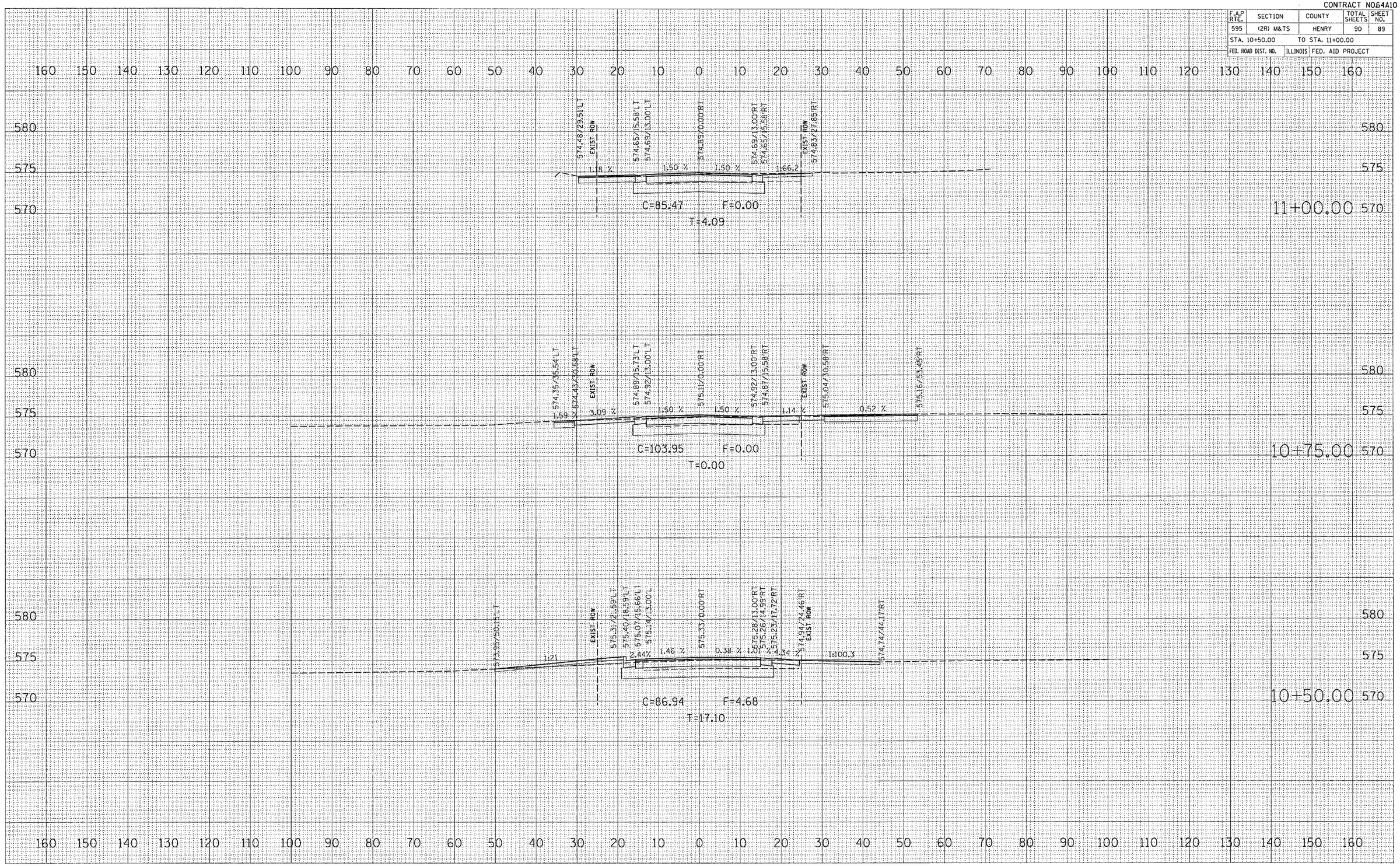
CONTRACT NO64A10

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	89
STA. 10+50.00		TO STA. 11+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



FINAL SURVEY
NOTE BOOK
NO.
BY
DATE
SURVEYED
PLOTTED
PLANIMETER
AREAS
AREAS CHECKED

ORIGINAL SURVEY
NOTE BOOK
NO.
BY
DATE
SURVEYED
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AREAS
AREAS CHECKED

PLOT DATE = Wed Feb 09 10:23:11 2005
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REFERENCE = REF

CONTRACT NO64A10

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(2R) M&TS	HENRY	90	90
STA. 11+25.00		TO STA. 11+50.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

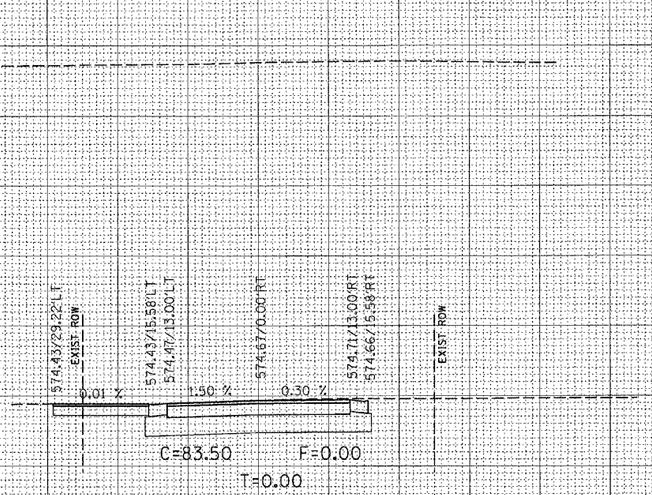
160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

11+50.00

580

575

570



11+25.00

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

FINAL SURVEY	NOTE BOOK	NO.

	BY	DATE
SURVEYED		
PLOTTED		
TOPO LAY		
AREAS		
AREAS CHECKED		

ORIGINAL SURVEY	NOTE BOOK	NO.

	BY	DATE
SURVEYED		
PLOTTED		
TOPO LAY		
AREAS		
AREAS CHECKED		

PLOT DATE = Wed Feb 09 10:23:11 2005
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