

PROJECT ENGINEER: REBECCA MARRUFFO

SQUAD LEADER: BRAD CUSHMAN (815)-284-5996

INDEX

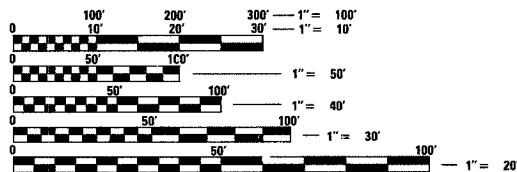
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STATE STANDARDS

001001-01	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND A FOOT
280001-04	TEMPORARY EROSION CONTROL SYSTEMS
442201-03	CLASS C AND D PATCHES
515001-02	NAME PLATE FOR BRIDGES
542401	METAL END SECTION FOR PIPE CULVERTS
635001	DELINEATORS
635011-01	REFLECTOR MARKER AND MOUNTING DETAILS
666001	RIGHT-OF-WAY MARKERS
667101	PERMANENT SURVEY MARKERS
701006-02	TYPICAL APPLICATION OF TRAFFIC CONTROL STANDARD
701201-02	TYPICAL APPLICATION OF TRAFFIC CONTROL STANDARD
701301-02	TYPICAL APPLICATION OF TRAFFIC CONTROL STANDARD
701311-02	TYPICAL APPLICATION OF TRAFFIC CONTROL STANDARD
701326-02	TYPICAL APPLICATION OF TRAFFIC CONTROL STANDARD
701901	TRAFFIC CONTROL DEVICES
720011	METAL POST FOR SIGNS, MARKERS AND DELINEATORS
728001	TELESCOPING STEEL SIGN SUPPORT
729001	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS AND MARKERS)
780001-01	TYPICAL PAVEMENT MARKINGS

DESIGN DESIGNATION

ILLINOIS ROUTE 251 50 MAJOR COLLECTOR



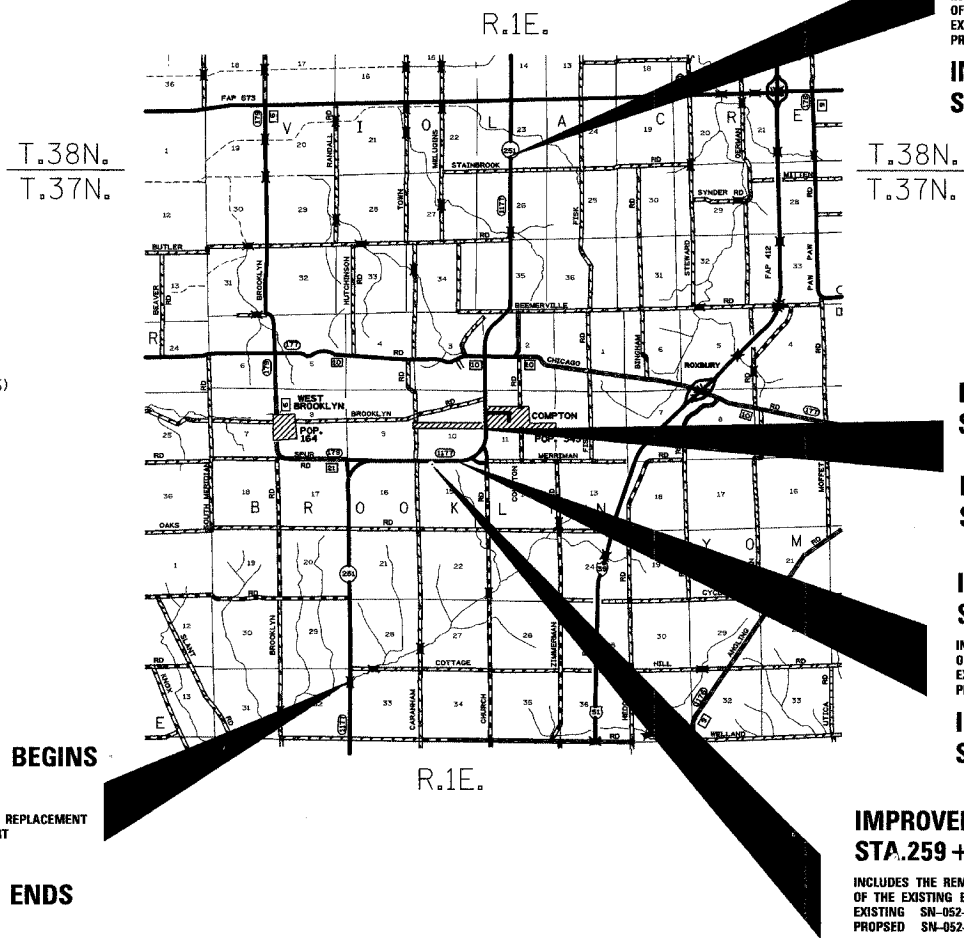
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

CONTRACT NO. 64C72

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS PROPOSED HIGHWAY PLANS

FAS ROUTE 1177 (IL 251) SECTION (110,111)T PROJECT RS-1177 (111) LEE COUNTY C-92-026-08



IMPROVEMENT BEGINS STA.27 + 00

INCLUDES THE REMOVAL AND REPLACEMENT OF THE EXISTING BOX CULVERT EXISTING SN-052-1079 PROPOSED SN-052-1104

IMPROVEMENT ENDS STA.29 + 77

BROOKLYN TOWNSHIP, SECTION 10,11,15,32,33 VIOLA TOWNSHIP, SECTION 23

GROSS LENGTH OF PROJECT = 50,300 LIN. FT. = 9.53 MILES NET LENGTH OF PROJECT = 2,877 LIN. FT. = 0.54 MILES

IMPROVEMENT BEGINS STA.527 + 00

INCLUDES THE REMOVAL AND REPLACEMENT OF THE EXISTING BOX CULVERT EXISTING SN-052-1065 PROPOSED SN-052-1101

IMPROVEMENT ENDS STA.530 + 00

IMPROVEMENT BEGINS STA.317 + 50

PLUG EXISTING CULVERT & REDITCH

IMPROVEMENT ENDS STA.329 + 00

IMPROVEMENT BEGINS STA.274 + 50

INCLUDES THE REMOVAL AND REPLACEMENT OF THE EXISTING BOX CULVERT EXISTING SN-052-1071 PROPOSED SN-052-1102

IMPROVEMENT ENDS STA.282 + 00

IMPROVEMENT BEGINS STA.259 + 50

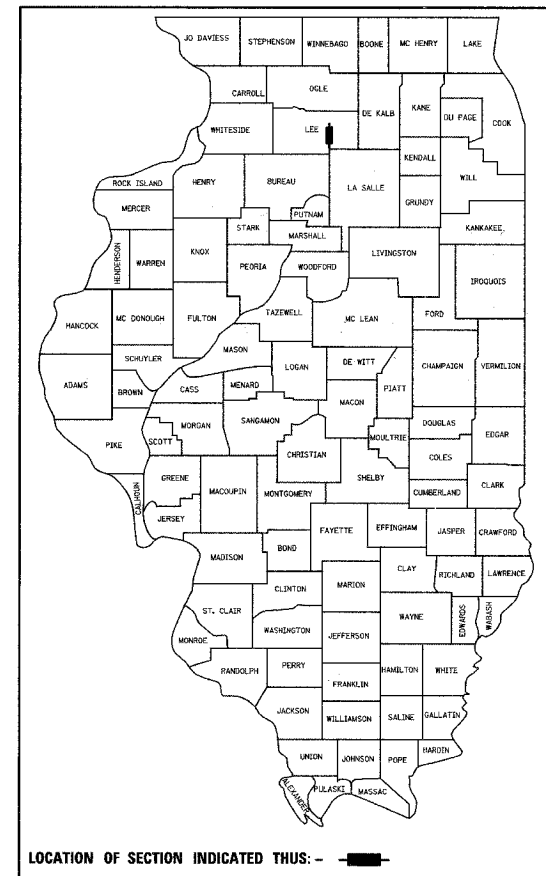
INCLUDES THE REMOVAL AND REPLACEMENT OF THE EXISTING BOX CULVERT EXISTING SN-052-1072 PROPOSED SN-052-1103

IMPROVEMENT ENDS STA.263 + 50

64C72

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(110,111)T	LEE	59	1

D-92-001-07



LOCATION OF SECTION INDICATED THIS: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED Feb. 26, 2008

Sean F. Ryan
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 9, 2008
Eric E. Harrel
INTERIM ENGINEER OF DESIGN AND ENVIRONMENT

May 9, 2008
Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(110,111)	LEE	59	2
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM	UNIT	80% FED. 20% STATE Y007 TOTAL QUANTITY
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	335
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	67
20200100	EARTH EXCAVATION	CU YD	3,823
• 25000210	SEEDING, CLASS 2A	ACRE	2
• 25000310	SEEDING, CLASS 4	ACRE	1
• 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	270
• 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	270
• 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	270
● 25000750	MOWING	ACRE	3
• 25100115	MULCH, METHOD 2	ACRE	3
* 25100630	EROSION CONTROL BLANKET	SQ YD	1,697
* 25100900	TURF REINFORCEMENT MAT	SQ YD	179
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1,500
28000300	TEMPORARY DITCH CHECKS	EACH	71
28000400	PERIMETER EROSION BARRIER	FOOT	150
28000500	INLET ^{AND} PIPE PROTECTION	EACH	7
28100107	STONE RIPRAP, CLASS A4	SQ YD	222
28200200	FILTER FABRIC	SQ YD	222
35101400	AGGREGATE BASE COURSE, TYPE B	TON	283
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	16
44201383	CLASS C PATCHES, TYPE IV, 12 INCH	SQ YD	962
45100100	CRACK ROUTING (PAVEMENT)	FOOT	31,962
45100200	CRACK FILLING	POUND	12,785
48101200	AGGREGATE SHOULDERS, TYPE B	TON	1,156

*SPECIALTY ITEMS ● 100% STATE

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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(110,111)T	LEE	59	3
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM	UNIT	BOX FED. 2% STATE Y007 TOTAL QUANTITY
50100300	REMOVAL OF EXISTING STRUCTURES NO.1	EACH	1
50100400	REMOVAL OF EXISTING STRUCTURES NO.2	EACH	1
50100500	REMOVAL OF EXISTING STRUCTURES NO.3	EACH	1
50100600	REMOVAL OF EXISTING STRUCTURES NO.4	EACH	1
50104400	CONCRETE HEADWALL REMOVAL	EACH	3
50300225	CONCRETE STRUCTURES	CU YD	15
50800105	REINFORCEMENT BARS	POUND	3290
51500100	NAME PLATES	EACH	4
54001001	BOX CULVERT END SECTION, CULVERT NO.1	EACH	2
54001002	BOX CULVERT END SECTION, CULVERT NO.2	EACH	1
54001003	BOX CULVERT END SECTION, CULVERT NO.3	EACH	4
54010604	PRECAST CONCRETE BOX CULVERT 6' X 4'	FOOT	98
54010804	PRECAST CONCRETE BOX CULVERT 8' X 4'	FOOT	98
54011005	PRECAST CONCRETE BOX CULVERT 10' X 5'	FOOT	63
54205917	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL, EQUIVALENT ROUND-SIZE 42"	FOOT	112
54207609	PIPE CULVERTS, TYPE 1, REINFORCED CONCRETE-ARCH, EQUIVALENT ROUND-SIZE 54"	FOOT	198
54215157	STEEL END SECTIONS, EQUIVALENT ROUND-SIZE 42"	EACH	4
54213450	END SECTIONS 15"	EACH	2
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	68
60100925	PIPE DRAINS 8"	FOOT	50
60100945	PIPE DRAINS 12"	FOOT	20
60100955	PIPE DRAINS 15"	FOOT	60
61100500	EXPLORATION TRENCH 52" DEPTH	FOOT	400

*SPECIALTY ITEMS

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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(110,111)T	LEE	59	4
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM	UNIT	90% FED - 20% STATE Y007 TOTAL QUANTITY
61101020	STORM SEWERS PROTECTED, CLASS A, 18"	FOOT	160
61133100	FIELD TILE JUNCTION VAULTS, 2' DIA,	EACH	4
61133200	FIELD TILE JUNCTION VAULTS, 3' DIA.	EACH	2
63200310	GUARDRAIL REMOVAL	FOOT	1324
63500105	DELINEATORS	EACH	8
66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	32
66700305	PERMANENT SURVEY MARKERS, TYPE II	EACH	8
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6
67100100	MOBILIZATION	L SUM	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	47172
* 78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	32
* 78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	68
* A2006514	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	41
X0323660	DROP BOX NO.1	EACH	1
X0323661	DROP BOX NO.2	EACH	1
X0323662	DROP BOX NO.3	EACH	1
X7013015	TRAFFIC CONTROL FOR ROAD CLOSURE	L SUM	1
X0712400	TEMPORARY PAVEMENT	SQ YD	196
Z0005400	BREAKER-RUN CRUSHED STONE	TON	900
Z0013798	CONSTRUCTION LAYOUT	L SUM	1
Z0023600	FILLING EXISTING CULVERTS	EACH	1

*SPECIALTY ITEMS

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GENERAL NOTES

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 1177 (IL 251)	(110, 111)T	Lee	59	5
FED ROAD DIST. NO.	ILLINOIS	PROJECT		
Contract # 64C72				

See cross sections for special ditches and backslopes.

The final top 100 mm (four inches) of soil in any right-of-way area disturbed by the Contractor must be capable of supporting vegetation. The soil must be from the A horizon (zero to 2' deep) of soil profiles of local soils.

The Contractor shall seed all disturbed areas within the project limits. Seeding Class 4 or 2A shall be used, except in front of properties where the grass will be mowed, then use Seeding, Class 1. Class 2A shall be used on front slopes and ditch bottoms. Class 4 shall be used behind Type A gutter, on all backslopes and areas behind the backslope, and beyond the toe of front slope on fill sections without ditches.

Placement and compaction of the backfill for proposed across road culverts and existing across road culverts that are removed shall conform to Section 502.10 of the Standard Specifications, except that the material shall conform to Article 208.02 of the Standard Specifications, and shall be compacted to a minimum of 95% of the standard laboratory density. Any material conforming to the requirements of Article 1003.04 or 1004.05 which has been excavated from the trenches shall be used for backfilling the trenches. The entire excavation, within 2 feet outside of each shoulder, shall be backfilled with trench backfill material to the bottom of the proposed subgrade. This trench backfill material will not be measured for payment, but shall be included in the contract unit price for the class of concrete involved or other unit price item of the work for which it is required.

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

Delineators shall be installed as shown in Standard 635001, except that the post shall be rotated 180° and only metal-backed delineators shall be permitted.

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.

The new number for the structure at Sta. 28+64 will be 052-1104.
 The new number for the structure at Sta. 261+58 will be 052-1103.
 The new number for the structure at Sta. 277+15 will be 052-1102.
 The new number for the structure at Sta. 528+47 will be 052-1101.

The boring logs for this structure indicate that groundwater levels may encroach on the construction limits of this culvert. It shall be the responsibility of the contractor to control the ground water and divert the stream flow during construction in order to keep the construction area free of water. The method of controlling the water shall be subject to approval of the Engineer and the cost shall be included in the contract unit price for Precast Concrete Box Culverts.

Culvert & bridge flows must be maintained throughout the project. Normal flow shall be allowed to pass at the rate it enters the jobsite. High flows shall be allowed to pass without causing damage to upstream properties.

The proposed pipes for entrances and side roads shall be placed in line with the existing or proposed ditch line.

Where field tile is encountered, storm sewer or pipe drain will be used in accordance with Section 611. The minimum size for replacement will be 150 mm (6") for Pipe Drains and 200 mm (8") for Storm Sewer, but the size must be at least 50 mm (2") larger than the adjoining tile. A Field Tile Junction Vault will be constructed at the right of way to connect the tile and storm sewer. See SOQ for estimated quantities.

Delineators shall be placed at the ends of approach guardrail terminal sections, and at each headwall or end section of AR Culverts. This work will be paid for at the contract unit price each for DELINEATORS.

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.

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.

PERMANENT SURVEY MARKERS, TYPE II, shall be set at intervals of 1.6 Km (1 mile) or as directed by the Engineer. Bridge or culvert projects shall have one survey marker placed near the structure. Estimated: 8 Each.

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

Aggregate Base Course, Type B, is provided in the plan quantities and shall be used only as needed when directed by the Engineer.

Right-of-way markers will be erected with the back face of the marker on the right-of-way line unless the new right-of-way line has been surveyed and pinned, in which instance the right-of-way markers will be erected 300 mm (12 inches) inside the new right-of-way line.

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:

Commonwealth Edison Co. Verizon
 NICOR Gas Co.

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.

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.

Layout of trees shall be performed by the District Landscape Architect.

Mulch shall be hardwood wood chips, 5 foot width, 4 inches thick, with weed barrier fabric.

Until exploratory trench is used to determine depth of existing field tile, the Contractor shall not have field tile junction vault constructed or ordered.

COMMITMENTS

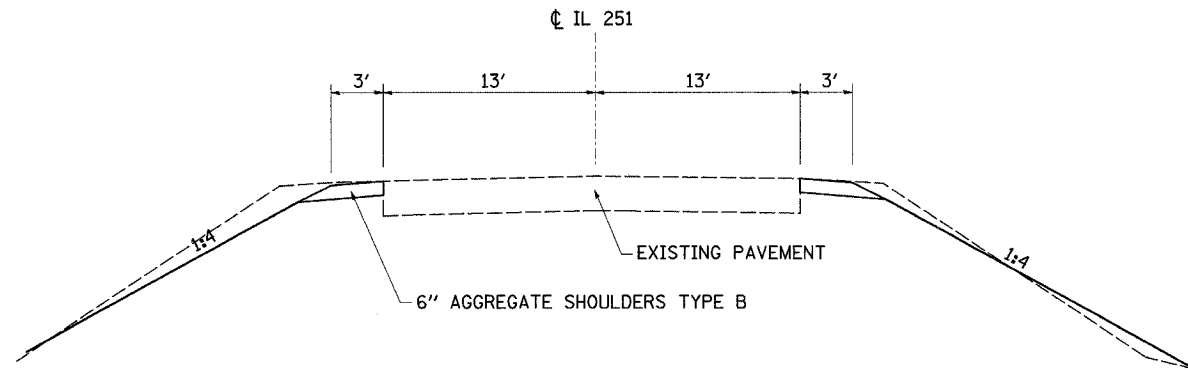
1. If a crane will be required to construct any of the structures, then a maximum crane height of 100' shall be used. However, if a crane height or grater than this is necessary, coordination with the Federal Aviation Administration (FAA) will be required. If determined necessary, input from the Contractor will be necessary to complete the required paperwork and sign-off from FAA.
2. The culverts between Sta. 261+58 and Sta. 277+15 shall be completed one at a time to provide access to the local resident, unless some type of agreement is made between the property owner and Contractor.

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

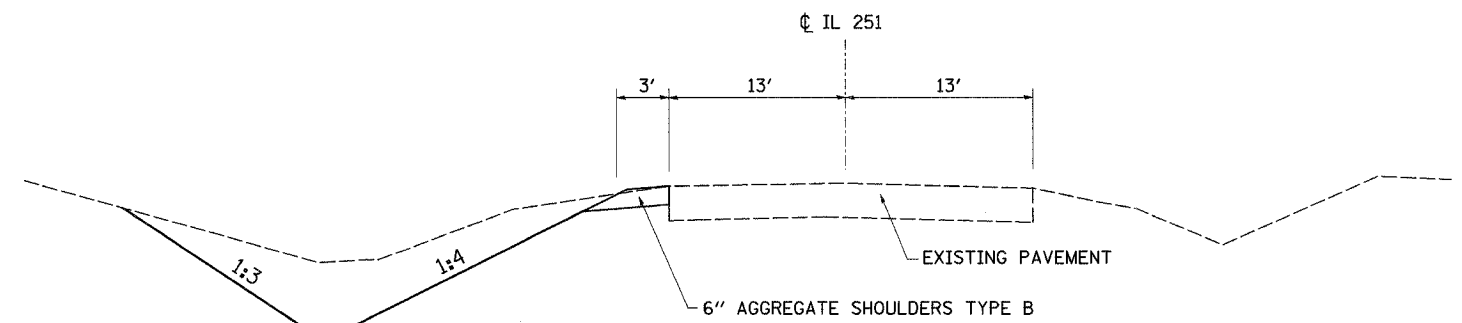
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(110,111)T	LEE	59	6
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

TYPICAL SECTIONS

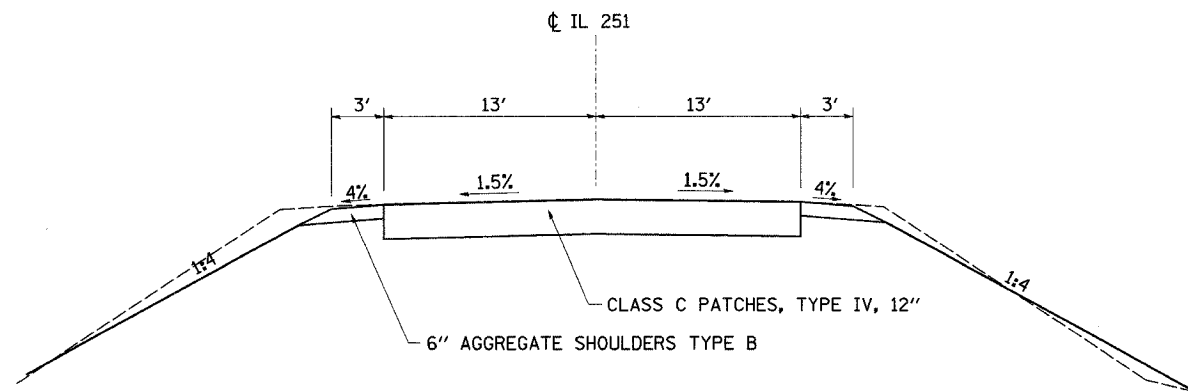
STA. 27+00 - STA. 28+34
 STA. 28+94 - STA. 29+77
 STA. 259+50 - STA. 261+17
 STA. 261+99 - STA. 263+00
 STA. 274+50 - STA. 276+63.69
 STA. 277+66.03 - STA. 282+00
 STA. 527+00 - STA. 530+00



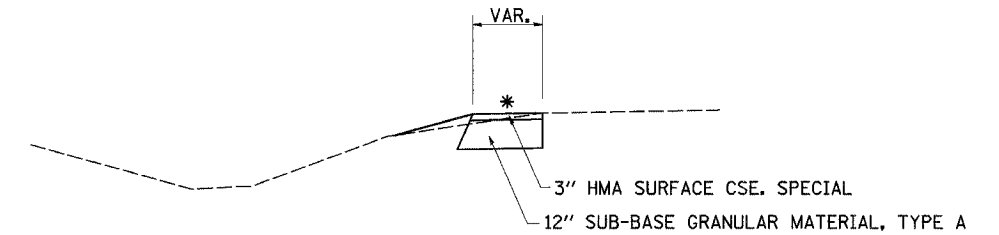
STA. 317+50 - STA. 329+00



STA. 28+34 - STA. 28+94
 STA. 261+17 - STA. 261+99
 STA. 276+63.69 - STA. 277+66.03
 STA. 328+28.24 - STA. 328+44.24
 STA. 528+13.50 - STA. 528+80.50

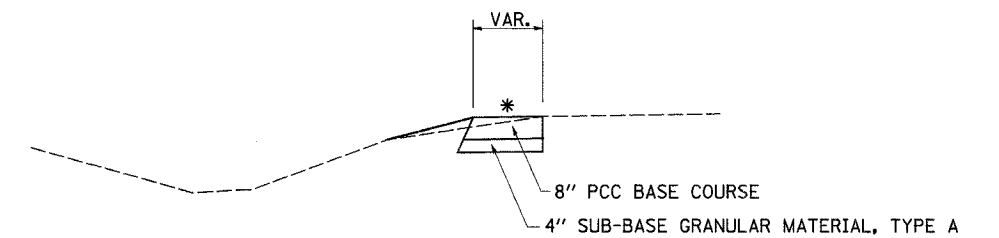


TEMPORARY PAVEMENT (ASPHALT OPTION)
 US 30 / BROOKLYN RD.
 SPUR RD.



* MATCH EXISTING CROSS SLOPE

TEMPORARY PAVEMENT (PCC OPTION)
 US 30 / BROOKLYN RD.
 SPUR RD.



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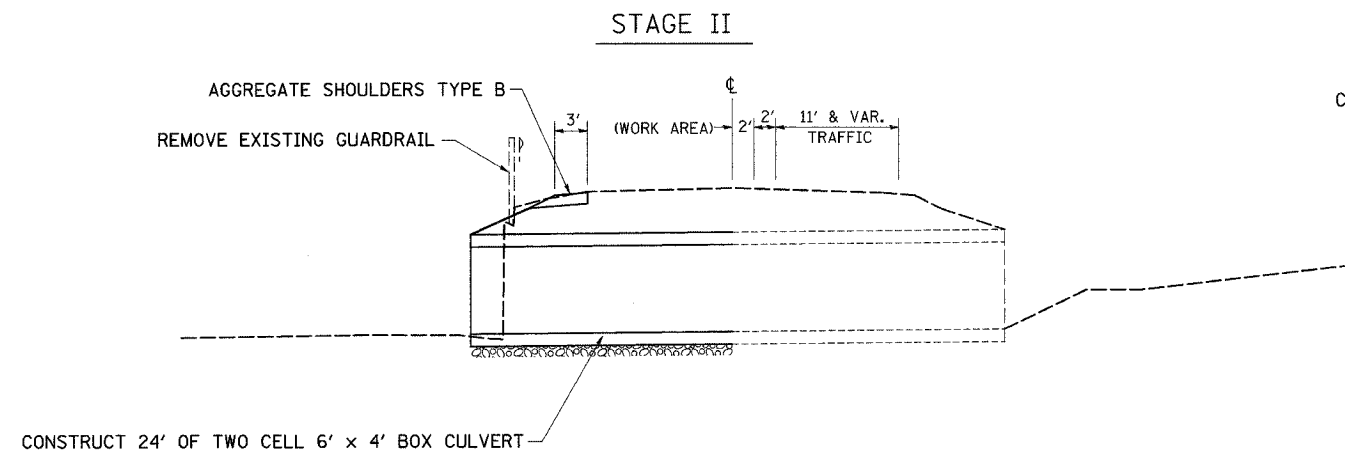
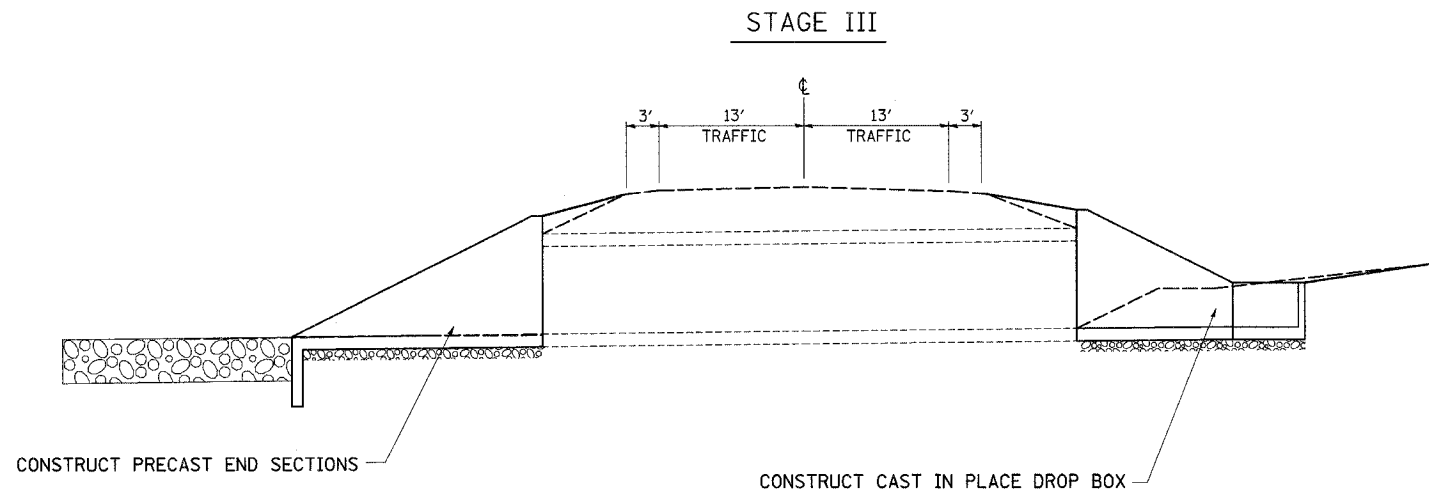
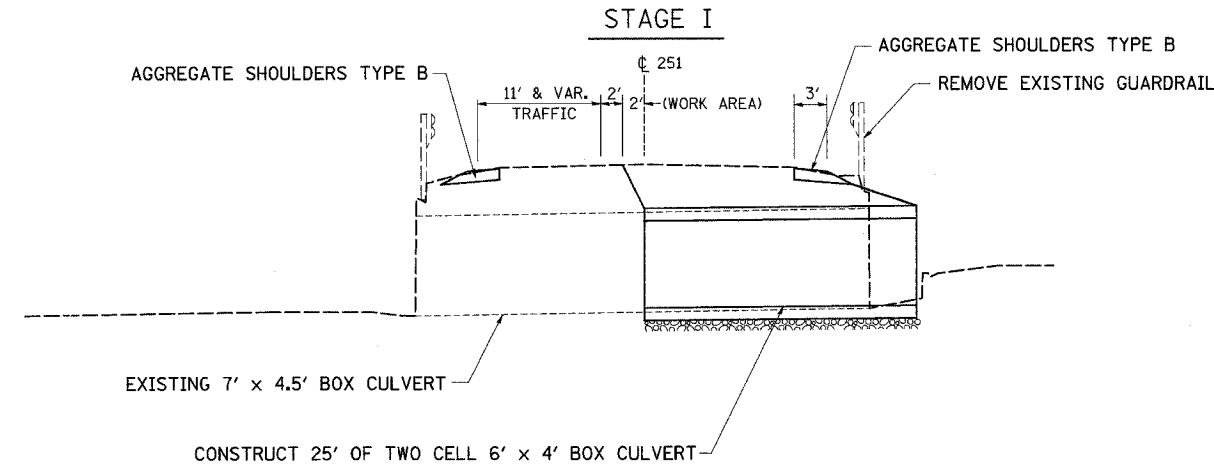
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(110,111)T	LEE	59	7
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

STAGING TYPICALS

CULVERT AT STA. 28 + 34

GENERAL NOTES:

1. CONSTRUCTION OF BOX CULVERT EXCEPT GRADING & SEEDING AT STA. 28+34 MUST BE COMPLETED DURING THE 21 DAY DETOUR OF THE OTHER CULVERTS IN THE PROJECT.
2. AGGREGATE SHOULDERS TYPE B SHALL BE PLACED AS A SAFETY SHOULDER DURING BOTH STAGE I AND II FOR TRAFFIC.
3. ONCE GUARDRAIL IS REMOVED BARRICADES WITH LIGHTS @ 50' CENTERS WILL BE USED ALONG THE SHOULDERS UNTIL END SECTIONS ARE COMPLETED.
4. ONCE STAGE I AND II ARE COMPLETED THE CLASS C PATCH MUST BE COMPLETED THE FOLLOWING DAY.
5. OVERNIGHT SIGNING SHALL CONSIST OF "ROAD CONSTRUCTION AHEAD", "LOOSE GRAVEL" W8-7(O)48 & 35 mph ADVISORY PLATE AT 500 FT SPACINGS WITH FLASHERS PLACED ON THE SIGNS.



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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(110,111)T	LEE	59	8
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SCHEDULE OF QUANTITIES

20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)		UNITS
LOCATION			
STA 260+06	39' RT		12
STA 260+11	39' RT		12
STA 260+49	42' RT		8
STA 260+64	41' RT		13
STA 260+69	50' RT		7
STA 260+87	51' RT		9
STA 261+25	52' RT		7
STA 261+25	57' RT		7
STA 261+39	70' RT		11
STA 261+94	65' RT		7
STA 262+06	65' RT		7
STA 262+16	65' RT		13
STA 262+20	58' RT		12
STA 262+20	50' RT		12
STA 262+23	45' RT		6
STA 262+23	50' RT		11
STA 277+55	59' RT		8
STA 277+60	68' RT		12
STA 277+70	71' RT		12
STA 277+79	46' RT		7
STA 278+22	63' RT		6
STA 278+43	57' RT		9
STA 278+60	59' RT		6
STA 278+64	58' RT		6
STA 278+77	64' RT		7
STA 278+86	68' RT		12
STA 326+03	57' LT		7
STA 326+04	57' LT		8
STA 326+05	56' LT		8
STA 326+10	59' LT		9
STA 326+10	49' LT		8
STA 326+10	50' LT		8
STA 326+10	50' LT		8
STA 326+10	50' LT		8
STA 326+10	50' LT		8
STA 326+10	50' LT		8
STA 326+10	50' LT		8
STA 326+10	50' LT		8
STA 326+10	50' LT		8
TOTAL			335

20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)		UNITS
LOCATION			
STA 277+00	32' RT		26
STA 278+22	55' RT		17
STA 325+41	56' RT		24
TOTAL			67

25000210	SEEDING, CLASS 2A		ACRE
LOCATION			
STA 27+50	TO 529+50	LT	1.19
STA 27+50	TO 529+50	RT	0.81
TOTAL			2.00

25000310	SEEDING, CLASS 4		ACRE
LOCATION			
STA 27+50	TO 529+50	LT	0.46
STA 27+50	TO 529+50	RT	0.54
TOTAL			1.00

25000400	NITROGEN FERTILIZER NUTRIENT		POUND
LOCATION			
STA 27+50	TO 529+50	LT	148.50
STA 27+50	TO 529+50	RT	121.50
TOTAL			270

25000500	PHOSPHORUS FERTILIZER NUTRIENT		POUND
LOCATION			
STA 27+50	TO 529+50	LT	148.50
STA 27+50	TO 529+50	RT	121.50
TOTAL			270

25000600	POTASSIUM FERTILIZER NUTRIENT		POUND
LOCATION			
STA 27+50	TO 529+50	LT	148.50
STA 27+50	TO 529+50	RT	121.50
TOTAL			270

25000750	MOWING		ACRE
LOCATION			
STA 27+50	TO 529+50	LT	1.65
STA 27+50	TO 529+50	RT	0.91
TOTAL			3.00

25100115	MULCH, METHOD 2		ACRE
LOCATION			
STA 27+50	TO 529+50	LT	1.65
STA 27+50	TO 529+50	RT	1.35
TOTAL			3.00

25100630	EROSION CONTROL BLANKET		SQ. YD
LOCATION			
STA 27+00	TO 28+50	LT&RT	133.00
STA 28+74	TO 29+50	LT	34.00
STA 259+50	TO 263+50	LT&RT	356.00
STA 274+50	TO 281+50	LT	311.00
STA 274+50	TO 277+43	RT	130.00
STA 317+50	TO 329+00	LT	511.00
STA 527+00	TO 529+50	RT	111.00
STA 527+50	TO 530+00	LT	111.00
TOTAL			1697.00

25100900	TURF REINFORCEMENT MAT		SQ. YD
LOCATION			
STA 28+64	RT		75
STA 261+52	LT		39
STA 277+15	LT		65
TOTAL			179

28000250	TEMPORARY EROSION CONTROL SEEDING		POUND
LOCATION			
STA 27+50	TO 529+50	LT & RT	1500.00
TOTAL			1500.00

28000300	TEMPORARY DITCH CHECKS		EACH
LOCATION			
STA 27+25	LT		1
STA 27+50	LT & RT		2
STA 27+75	LT		1
STA 28+00	LT & RT		2
STA 28+25	LT		1
STA 29+00	LT		1
STA 29+25	LT		1
STA 259+75	RT		1
STA 260+00	LT & RT		2
STA 260+25	RT		1
STA 260+50	LT & RT		2
STA 260+75	RT		1
STA 261+00	LT & RT		2
STA 261+25	RT		1
STA 261+75	RT		1
STA 262+00	LT & RT		2
STA 262+25	RT		1
STA 262+50	LT & RT		2
STA 262+75	RT		1
STA 263+00	LT & RT		2
STA 263+25	RT		1
STA 274+75	RT		1
STA 275+00	LT & RT		2
STA 275+25	RT		1
STA 275+50	LT & RT		2
STA 275+75	RT		1
STA 276+00	LT & RT		2
STA 276+25	RT		1
STA 276+50	LT & RT		2
STA 276+75	RT		1
STA 277+00	RT		1
STA 277+25	RT		1
STA 278+00	LT		1
STA 278+25	RT		1
STA 279+00	LT		1
STA 280+00	LT		1
STA 281+00	LT		1
STA 318+00	LT		1
STA 318+50	LT		1
STA 319+00	LT		1
STA 319+50	LT		1
STA 320+00	LT		1
STA 320+50	LT		1
STA 321+00	LT		1
STA 321+50	LT		1
STA 322+00	LT		1
STA 322+50	LT		1
STA 323+00	LT		1
STA 323+50	LT		1
STA 324+00	LT		1
STA 327+50	LT		1
STA 328+50	LT		1
STA 527+50	RT		1
STA 528+00	LT & RT		2
STA 529+00	LT & RT		2
STA 529+50	LT & RT		2
TOTAL			71

28000400	PERMETER EROSION BARRIER		FOOT
LOCATION			
STA 259+50	TO 261+00	LT	150
TOTAL			150

28000500	INLET AND PIPE PROTECTION		EACH
LOCATION			
STA 28+64	RT		1
STA 261+52	LT		1
STA 277+15	LT		1
STA 325+50	LT		1
STA 326+87	LT		1
STA 329+00	RT		1
STA 528+47	RT		1
TOTAL			7

28100107	STONE RIFRAP, CLASS A4		SQ. YD
LOCATION			
STA 28+64	LT		47
STA 261+52	RT		17
STA 277+15	RT		96
STA 528+47	LT		62
TOTAL			222

28200200	FILTER FABRIC		SQ. YD
LOCATION			
STA 28+64	LT		47
STA 261+52	RT		17
STA 277+15	RT		96
STA 528+47	LT		62
TOTAL			222

44201383	CLASS C PATCHES, TYPE IV, 12 INCH		SQ. YD
LOCATION			
STA 28+34	TO 28+94		179
STA 261+11	TO 261+93		237
STA 276+63.69	TO 277+66.0		298
STA 328+28.24	TO 328+44.2		46
STA 528+13.50	TO 528+80.5		202
TOTAL			962

45100100	CRACK ROUTING (PAVEMENT)		FOOT
LOCATION			
DETOUR ROUTE / PER SPECIAL PROVISION			
TOTAL			31962

45100200	CRACK FILLING		POUND
LOCATION			
DETOUR ROUTE / PER SPECIAL PROVISION			
TOTAL			12785

50100300	REMOVAL OF EXISTING STRUCTURES NO. 1		EACH
LOCATION			
STA 28+64			1
TOTAL			1

50100400	REMOVAL OF EXISTING STRUCTURES NO. 2		EACH
LOCATION			
STA 261+52			1
TOTAL			1

50100500	REMOVAL OF EXISTING STRUCTURES NO. 3		EACH
LOCATION			
STA 277+15			1
TOTAL			1

50100600	REMOVAL OF EXISTING STRUCTURES NO. 4		EACH
LOCATION			
STA 528+47			1
TOTAL			1

50104400	CONCRETE HEADWALL REMOVAL		EACH
LOCATION			
STA 328+28.24	LT & RT		2
STA 276+90	LT		1
TOTAL			3

51500100	NAME PLATES		EACH
LOCATION			
STA 28+64			1
STA 261+52			1
STA 277+15			1
STA 528+47			1
TOTAL			4

54001001	BOX CULVERT END SECTION, CULVERT NO. 1		EACH
LOCATION			
STA 28+64	LT		2
TOTAL			2

54001002	BOX CULVERT END SECTION, CULVERT NO. 2		EACH
LOCATION			
STA 261+52	RT		1
TOTAL			1

PLOT DATE = Tue Feb 26 10:25:59 2008
 PLOT SCALE = 1/8" = 100.0000' / IN
 USER NAME = cshamby

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(110,111)T	LEE	59	10
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

AGGREGATE /EARTHWORK SCHEDULE

LOCATION	REMARKS	WIDTH FOOT	AREA SQ FT	20005400 BREAKER RUN CRUSHED STONE		48101200	40800050	35101400	X0712400
				INCHES	TON	AGGREGATE SHOULDERS TYPE B	INCIDENTAL HOT-MIX ASPHALT SURFACING	AGGREGATE BASE COURSE TYPE B	TEMPORARY PAVEMENT
				TON	TON	TON	TON	SQ YD	
IL 251									
Lt Sta	27+00 - 29+77	Agg. Shoulder	831			31.5			
Rt Sta	27+00 - 29+20	Agg. Shoulder	440			16.7			
Lt & Rt. Sta	259+50 - 263+50	Agg. Shoulder	2400			91.1			
Lt & Rt. Sta	274+50 - 282+00	Agg. Shoulder	4500			170.8			
Lt & Rt Sta	527+00 - 530+00	Agg. Shoulder	900			34.2			
Lt Sta	317+50 - 329+00	Agg. Shoulder	3450			131.0			
Culvert	261 + 52		1701	36"	387.5				
Culvert	277 + 15		2399	12"	182.1				
Culvert	528 + 47		2177	24"	330.6				
FE	325 + 10	24'	1895					95.9	
FE	326 + 50	24'	1620					82.0	
PE	328 + 58	24'	1042				16.2	52.7	
FE	529 + 70	24'	1038					52.5	
Lt Sta	27+00 - 29+77	STAGE 1	831			31.5			
Rt Sta	27+00 - 29+20	STAGE 2	440			16.7			
Detour Maintenance		Agg. Shoulder	50000			632.7			
US 30 / Brooklyn Rd.			1053						117.0
Spur Rd.			711						79.0
Total			60807		900	1156	16	283	196

LOCATION	20200100			
	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE WASTE (+) SHORTAGE (-)
	(CU YD)	(CU YD)	(CU YD)	(CU YD)
27+00.00 TO 29+77.00	270.6	203.0	77.2	125.8
259+50.00 TO 263+50.00	489.2	366.9	515.6	-148.7
274+50.00 TO 282+00.00	1012.7	759.5	573.8	185.7
317+50.00 TO 329+00.00	1633.7	1225.3	42.5	1182.8
527+00.00 TO 530+00.00	416.7	312.5	162.3	150.2
TOTALS	3822.9	2867.2	1371.4	1495.8

PLOT DATE = Tue Feb 26 10:25:08 2008
 PLOT SCALE = 50.0000 / IN.
 USER NAME = cshmanbh

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(110,111)T	LEE	59	11

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

HORIZONTAL & VERTICAL CONTROL

Chain IL251 contains:
 130 CUR 200 CUR 210 CUR 220 CUR 230 156 CUR 240 250 CUR 260 CUR 270 CUR 280 CUR 290 CUR 300 CUR 310 CUR 320 CUR 330 155

Beginning chain IL251 description
 =====

Point 130 N 1,784,141.6159 E 2,580,865.7192 Sta 2392+01.92

Course from 130 to PC 200 N 2° 16' 26.2430" W Dist 1,229.6253'

Curve Data

Curve 200
 P.I. Station 2406+34.73 N 1,785,573.2911 E 2,580,808.8690
 Delta = 1° 26' 36.9611" (RT)
 Degree = 0° 21' 18.9850"
 Tangent = 203.1781'
 Length = 406.3348'
 Radius = 16,127.2262'
 External = 1.2798'
 Long Chord = 406.3240'
 Mid. Ord. = 1.2797'
 P.C. Station 2404+31.55 N 1,785,370.2729 E 2,580,816.9306
 P.T. Station 2408+37.88 N 1,785,776.4479 E 2,580,805.9245
 C.C. N 1,786,010.1627 E 2,596,931.4571

Course from PT 200 to PC 210 N 0° 49' 49.2819" W Dist 1,177.7581'

Curve Data

Curve 210
 P.I. Station 2425+19.29 N 1,787,457.6801 E 2,580,781.5577
 Delta = 0° 32' 15.2058" (LT)
 Degree = 0° 03' 12.1193"
 Tangent = 503.6507'
 Length = 1,007.2940'
 Radius = 107,362.8993'
 External = 1.1813'
 Long Chord = 1,007.2903'
 Mid. Ord. = 1.1813'
 P.C. Station 2420+15.64 N 1,786,954.0823 E 2,580,788.8565
 P.T. Station 2430+22.94 N 1,787,961.1873 E 2,580,769.5344
 C.C. N 1,785,398.1856 E 2,473,437.2318

Course from PT 210 to PC 220 N 1° 22' 04.4876" W Dist 7,235.3461'

Curve Data

Curve 220
 P.I. Station 2506+88.17 N 1,795,624.2346 E 2,580,586.5475
 Delta = 0° 10' 56.1293" (LT)
 Degree = 0° 01' 16.3145"
 Tangent = 429.8857'
 Length = 859.7707'
 Radius = 270,282.7586'
 External = 0.3419'
 Long Chord = 859.7703'
 Mid. Ord. = 0.3419'
 P.C. Station 2502+58.28 N 1,795,194.4714 E 2,580,596.8098
 P.T. Station 2511+18.05 N 1,796,053.9630 E 2,580,574.9181
 C.C. N 1,788,742.1944 E 2,310,391.0777

Course from PT 220 to PC 230 N 1° 33' 00.6169" W Dist 12,011.0225'

Curve Data

Curve 230
 P.I. Station 2633+84.55 N 1,808,315.9672 E 2,580,243.0813
 Delta = 6° 21' 34.4980" (LT)
 Degree = 1° 14' 45.4472"
 Tangent = 255.4710'
 Length = 510.4173'
 Radius = 4,598.5339'
 External = 7.0909'
 Long Chord = 510.1553'
 Mid. Ord. = 7.0799'
 P.C. Station 2631+29.08 N 1,808,060.5897 E 2,580,249.9924
 P.T. Station 2636+39.49 N 1,808,569.0077 E 2,580,207.9251
 C.C. N 1,807,936.1889 E 2,575,653.1415

Course from PT 230 to 156 N 7° 54' 35.1149" W Dist 96.5072'

End Region 1

Equation: Sta 2637+36.00 (BK) = Sta 0+00.00 (AH) -----

Begin Region 2

Point 156 N 1,808,664.5967 E 2,580,194.6445 Sta 0+00.00

Course from 156 to PC 240 N 7° 54' 35.1149" W Dist 90.3137'

Curve Data

Curve 240
 P.I. Station 3+34.24 N 1,808,995.6571 E 2,580,148.6486
 Delta = 6° 55' 19.6850" (RT)
 Degree = 1° 25' 14.2501"
 Tangent = 243.9267'
 Length = 487.2598'
 Radius = 4,033.1388'
 External = 7.3697'
 Long Chord = 486.9635'
 Mid. Ord. = 7.3562'
 P.C. Station 0+90.31 N 1,808,754.0512 E 2,580,182.2161
 P.T. Station 5+77.57 N 1,809,239.5476 E 2,580,144.4442
 C.C. N 1,809,309.0642 E 2,584,176.9838

Course from PT 240 to 250 N 0° 59' 15.4299" W Dist 14,935.3643'

Point 250 N 1,824,172.6931 E 2,579,887.0129 Sta 155+12.94

Course from 250 to PC 260 N 1° 08' 32.8178" W Dist 3,621.0369'

Curve Data

Curve 260
 P.I. Station 211+07.75 N 1,829,766.3886 E 2,579,775.4626
 Delta = 91° 53' 57.3704" (RT)
 Degree = 3° 00' 02.5740"
 Tangent = 1,973.7709'
 Length = 3,062.5791'
 Radius = 1,909.4042'
 External = 836.7924'
 Long Chord = 2,744.6880'
 Mid. Ord. = 581.8137'
 P.C. Station 191+33.97 N 1,827,793.0101 E 2,579,814.8160
 P.T. Station 221+96.55 N 1,829,740.3178 E 2,581,749.0613
 C.C. N 1,827,831.0802 E 2,581,723.8407

Course from PT 260 to PC 270 S 89° 14' 35.4475" E Dist 1,975.2561'

Curve Data

Curve 270
 P.I. Station 251+88.69 N 1,829,700.7958 E 2,584,740.9385
 Delta = 0° 28' 52.3973" (LT)
 Degree = 0° 01' 25.1823"
 Tangent = 1,016.8821'
 Length = 2,033.7522'
 Radius = 242,145.0908'
 External = 2.1352'
 Long Chord = 2,033.7462'
 Mid. Ord. = 2.1352'
 P.C. Station 241+71.81 N 1,829,714.2274 E 2,583,724.1451
 P.T. Station 262+05.56 N 1,829,695.9045 E 2,585,757.8088
 C.C. N 2,071,838.1941 E 2,586,922.5474

Course from PT 270 to PC 280 S 89° 43' 27.8448" E Dist 2,599.6564'

Curve Data

Curve 280
 P.I. Station 307+60.73 N 1,829,673.9938 E 2,590,312.9276
 Delta = 91° 16' 07.0805" (LT)
 Degree = 2° 59' 44.0230"
 Tangent = 1,955.5152'
 Length = 3,046.7951'
 Radius = 1,912.6889'
 External = 822.7121'
 Long Chord = 2,734.7304'
 Mid. Ord. = 575.2693'
 P.C. Station 288+05.22 N 1,829,683.4000 E 2,588,357.4351
 P.T. Station 318+52.01 N 1,831,629.2152 E 2,590,279.0368
 C.C. N 1,831,596.0667 E 2,588,366.6352

Course from PT 280 to PC 290 N 0° 59' 34.9253" W Dist 2,617.6359'

Curve Data

Curve 290
 P.I. Station 349+69.65 N 1,834,746.3829 E 2,590,225.0055
 Delta = 0° 17' 02.5555" (LT)
 Degree = 0° 01' 42.2558"
 Tangent = 500.0000'
 Length = 999.9980'
 Radius = 201,714.6059'
 External = 0.6197'
 Long Chord = 999.9969'
 Mid. Ord. = 0.6197'
 P.C. Station 344+69.65 N 1,834,246.4580 E 2,590,233.6710
 P.T. Station 354+69.65 N 1,835,246.2587 E 2,590,213.8618
 C.C. N 1,830,750.5706 E 2,388,549.3607

Course from PT 290 to PC 300 N 1° 16' 37.4808" W Dist 3,043.5156'

Curve Data

Curve 300
 P.I. Station 395+49.92 N 1,839,325.5218 E 2,590,122.9232
 Delta = 56° 50' 56.2373" (RT)
 Degree = 2° 59' 28.2362"
 Tangent = 1,036.7610'
 Length = 1,900.5549'
 Radius = 1,915.4930'
 External = 262.5765'
 Long Chord = 1,823.5491'
 Mid. Ord. = 230.9217'
 P.C. Station 385+13.16 N 1,838,289.0184 E 2,590,146.0299
 P.T. Station 404+13.72 N 1,839,911.6774 E 2,590,978.0811
 C.C. N 1,838,331.7097 E 2,592,061.0470

Course from PT 300 to PC 310 N 55° 34' 18.7565" E Dist 486.5268'

PLOT DATE = Tue Feb 26 16:58:46 2008
 FILE NAME = C:\Users\cshman\Documents\1177\1177.dwg
 PLOT SCALE = 8525.0000 / IN.
 USER NAME = cshmanbh

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(110,111)T	LEE	59	12
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

HORIZONTAL & VERTICAL CONTROL

Curve Data

Curve 310
 P.I. Station 419+23.61 N 1,840,765.3288 E 2,592,223.4957
 Delta = 56° 09' 07.4459" (LT)
 Degree = 2° 59' 11.2103"
 Tangent = 1,023.3666'
 Length = 1,880.2297'
 Radius = 1,918.5264'
 External = 255.8753'
 Long Chord = 1,805.8815'
 Mid. Ord. = 225.7649'
 P.C. Station 409+00.24 N 1,840,186.7460 E 2,591,379.3860
 P.T. Station 427+80.47 N 1,841,788.6430 E 2,592,213.1330
 C.C. N 1,841,769.2158 E 2,590,294.7050

Course from PT 310 to PC 320 N 0° 34' 48.6894" W Dist 29,889.8324'

Curve Data

Curve 320
 P.I. Station 731+18.10 N 1,872,124.7150 E 2,591,905.9318
 Delta = 1° 49' 13.9506" (RT)
 Degree = 0° 12' 11.8642"
 Tangent = 447.7950'
 Length = 895.5146'
 Radius = 28,183.4827'
 External = 3.5572'
 Long Chord = 895.4770'
 Mid. Ord. = 3.5567'
 P.C. Station 726+70.31 N 1,871,676.9429 E 2,591,910.4662
 P.T. Station 735+65.82 N 1,872,572.4050 E 2,591,915.6250
 C.C. N 1,871,962.3311 E 2,620,092.5039

Course from PT 320 to PC 330 N 1° 14' 25.2612" E Dist 161.0380'

Curve Data

Curve 330
 P.I. Station 741+89.57 N 1,873,196.0030 E 2,591,929.1269
 Delta = 1° 36' 49.4373" (LT)
 Degree = 0° 10' 27.8091"
 Tangent = 462.7061'
 Length = 925.3510'
 Radius = 32,854.7032'
 External = 3.2581'
 Long Chord = 925.3204'
 Mid. Ord. = 3.2578'
 P.C. Station 737+26.86 N 1,872,733.4053 E 2,591,919.1109
 P.T. Station 746+52.21 N 1,873,658.6992 E 2,591,926.1116
 C.C. N 1,873,444.5949 E 2,559,072.1060

Course from PT 330 to 155 N 0° 22' 24.1762" W Dist 10,642.7058'

Point 155 N 1,884,301.1790 E 2,591,856.7562 Sta 852+94.92

=====
 Ending chain IL251 description

Chain BRKLYNRD contains:
 1141 1200 1144

Beginning chain BRKLYNRD description

=====
 Point 1141 N 1,851,054.46 E 2,573,568.82 Sta 1946+58.59
 Course from 1141 to 1200 359° 22' 15.35" Dist 5,341.41'
 Point 1200 N 1,856,395.55 E 2,573,510.18 Sta 2000+00.00
 Course from 1200 to 1144 359° 20' 33.33" Dist 2,701.31'
 Point 1144 N 1,859,096.68 E 2,573,479.18 Sta 2027+01.31

=====
 Ending chain BRKLYNRD description

Chain S_SPUR contains:
 360 CUR 370 1003 1140

Beginning chain S_SPUR description

=====
 Point 360 N 1,829,549.21 E 2,580,890.86 Sta 1500+00.00
 Course from 360 to PC 370 319° 08' 06.67" Dist 55.05'

Curve Data

Curve 370
 P.I. Station 1502+65.80 N 1,829,750.22 E 2,580,716.96
 Delta = 47° 37' 53.60" (LT)
 Degree = 12° 00' 00.44"
 Tangent = 210.74'
 Length = 396.93'
 Radius = 477.46'
 External = 44.44'
 Long Chord = 385.59'
 Mid. Ord. = 40.66'
 P.C. Station 1500+55.05 N 1,829,590.85 E 2,580,854.84
 P.T. Station 1504+51.98 N 1,829,755.75 E 2,580,506.29
 C.C. N 1,829,278.46 E 2,580,493.76

Course from PT 370 to 1003 271° 30' 13.07" Dist 731.45'

Point 1003 N 1,829,774.95 E 2,579,775.09 Sta 1511+83.43

Course from 1003 to 1140 270° 59' 52.67" Dist 4,265.85'

Point 1140 N 1,829,849.24 E 2,575,509.88 Sta 1554+49.29

=====
 Ending chain S_SPUR description

Chain S_STUB contains:
 CUR 380 CUR 1210 1220

Beginning chain S_STUB description

Curve Data

Curve 380
 P.I. Station 1000+53.26 N 1,828,196.15 E 2,579,805.97
 Delta = 42° 14' 04.45" (RT)
 Degree = 41° 32' 56.30"
 Tangent = 53.26'
 Length = 101.65'
 Radius = 137.90'
 External = 9.93'
 Long Chord = 99.36'
 Mid. Ord. = 9.26'
 P.C. Station 1000+00.00 N 1,828,157.42 E 2,579,842.53
 P.T. Station 1001+01.65 N 1,828,249.40 E 2,579,804.93
 C.C. N 1,828,252.09 E 2,579,942.80

Course from PT 380 to PC 1210 358° 52' 46.14" Dist 862.72'

Curve Data

Curve 1210
 P.I. Station 1012+51.24 N 1,829,398.77 E 2,579,782.45
 Delta = 1° 09' 48.54" (RT)
 Degree = 0° 12' 10.08"
 Tangent = 286.87'
 Length = 573.71'
 Radius = 28,252.51'
 External = 1.46'
 Long Chord = 573.70'
 Mid. Ord. = 1.46'
 P.C. Station 1009+64.38 N 1,829,111.96 E 2,579,788.06
 P.T. Station 1015+38.09 N 1,829,685.63 E 2,579,782.66
 C.C. N 1,829,664.45 E 2,608,035.17

Course from PT 1210 to 1220 0° 02' 34.68" Dist 89.11'

Point 1220 N 1,829,774.74 E 2,579,782.73 Sta 1016+27.20

=====
 Ending chain S_STUB description

Chain US30WEST contains:
 1020521 10205200

Beginning chain US30WEST description

=====
 Point 1020521 N 1,856,358.92 E 2,571,554.76 Sta 2922+77.23
 Course from 1020521 to 10205200 88° 55' 36.16" Dist 20,509.97'
 Point 10205200 N 1,856,743.10 E 2,592,061.13 Sta 3127+87.20

=====
 Ending chain US30WEST description

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 USER NAME = jgibson

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(110,111)T	LEE	59	13
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

HORIZONTAL & VERTICAL CONTROL

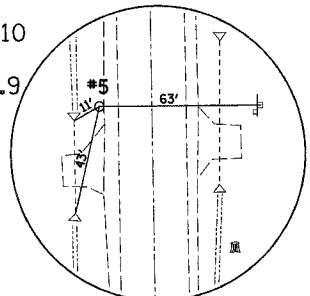
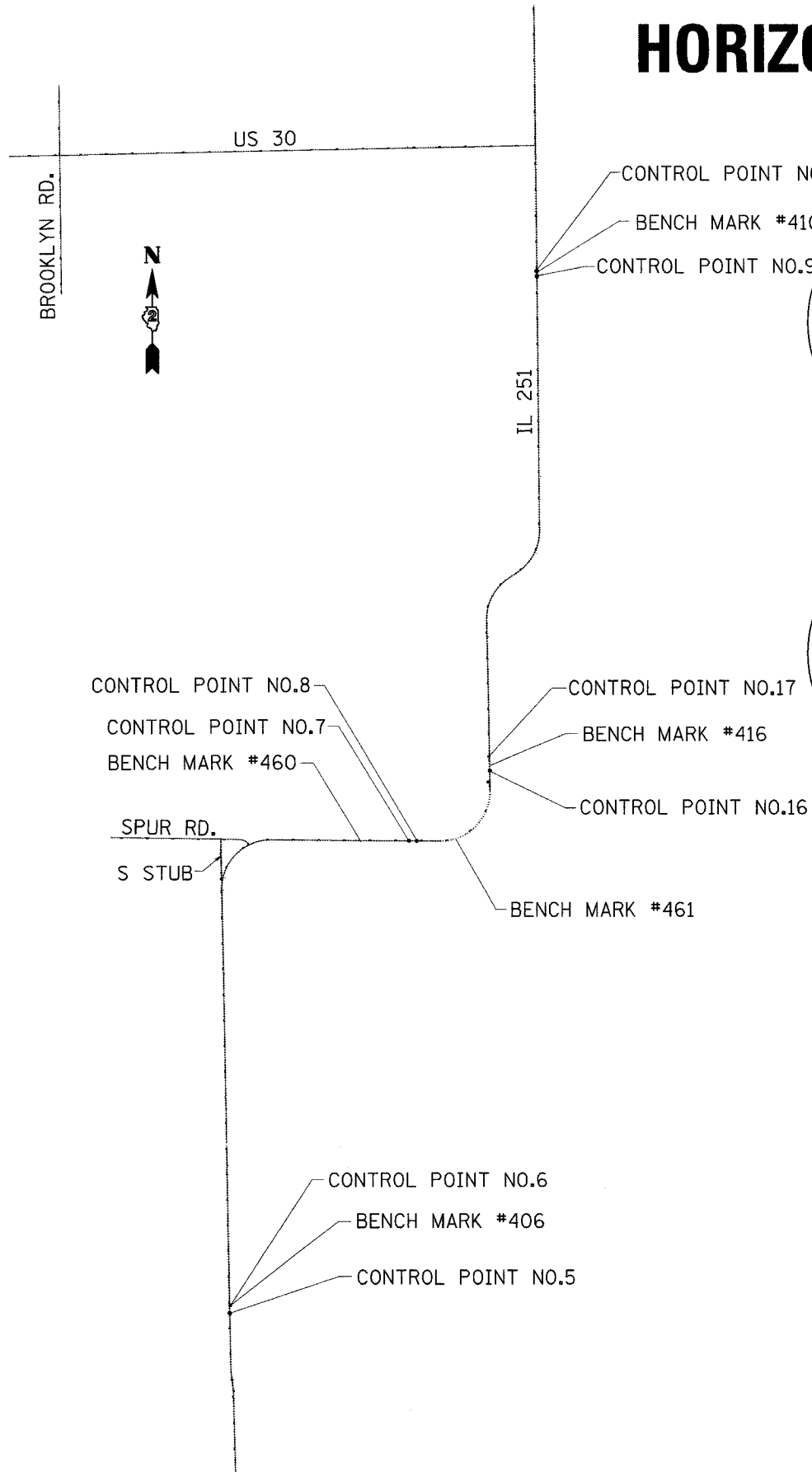
HORIZONTAL CONTROL POINTS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
5	1811301.6834	2580088.4394	873.1553	IL251	26+40.3683	20.4527' LT	GPS CONTROL POINT, PIN
6	1811581.9683	2580137.4946	869.5203	IL251	29+19.7660	33.4263' RT	GPS CONTROL POINT, PIN
7	1829708.1773	2587099.3921	946.0568	IL251	275+47.0708	18.7258' LT	GPS CONTROL POINT, PIN
8	1829670.2071	2587447.8120	942.7474	IL251	278+95.6693	17.5681' RT	GPS CONTROL POINT, PIN
9	1851720.9463	2592129.7705	801.6018	IL251	527+13.1126	17.2171' RT	GPS CONTROL POINT, PIN
10	1851926.5510	2592090.5551	800.3864	IL251	529+19.1038	19.9144' LT	GPS CONTROL POINT, PIN
16	1832373.5651	2590298.4220	968.1479	IL251	325+95.9155	32.2825' RT	GPS CONTROL POINT, PIN
17	1832957.7683	2590237.8245	970.1307	IL251	331+81.0812	18.1812' LT	GPS CONTROL POINT, PIN

SURVEY WORK POINTS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
120	1829693.3612	2586300.3567	956.6931	IL251	267+48.1159 R	20.0664' LT	POT, PAINTED
121	1829687.0294	2587680.2196	943.7373	IL251	281+27.9933 R	20.3719' LT	POT, PAINTED
122	1833092.8552	2590253.4429	971.8339	IL251	333+15.8771 R	20.224' LT	POT, PAINTED

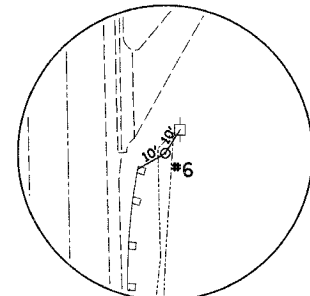
BENCH MARKS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
406	1811590.4281	2580141.8828	870.6063	IL251	29+28.1489	37.9596' RT	RAIL ROAD SPIKE, POWER POLE
410	1851883.1567	2592149.1696	801.2610	IL251	528+75.1182	38.2577' RT	BENCH TIE, POWER POLE
416	1832615.7215	2590300.0092	967.8185	IL251	328+38.0081	38.0662' RT	HEADWALL, HEADWALL
460	1829659.0964	2585242.9726	959.1013	IL251	256+90.9931	39.8309' RT	BENCH TIE, POWER POLE WITH TRANSFORMER
461	1829725.0056	2588961.0974	945.4670	IL251	294+02.8149	50.5368' RT	HEADWALL

PERMANENT SURVEY MARKERS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
77701576	1808218.52682	2580282.13803	916.3547				NGS MONUMENT (SALLE)
67738188	1808187.53983	2580284.71908	915.59170				NGS MONUMENT (SALLE RM 2)
67738187	1808246.65416	2580282.18303	916.67717				NGS MONUMENT (SALLE RM 1)
65722955	1777522.6442	2567699.3108	794.6094				DISTRICT NETWORK MONUMENT (BUR34-3B)
65722892	1856694.7404	2587077.8458	764.9781				DISTRICT NETWORK MONUMENT (LEE30-2B)
77700552	1905355.3453	2595375.7036	782.9647				NGS MONUMENT (V 223)

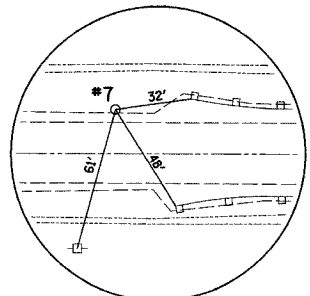
CURVE POINT NUMBERS					
CHAIN	CURVE	PI	CC	PC	PT
IL251	200	200	201	202	203
IL251	210	210	211	212	213
IL251	220	220	221	222	223
IL251	230	230	231	232	233
IL251	240	240	241	242	243
IL251	260	260	261	262	263
IL251	270	270	271	272	273
IL251	280	280	281	282	283
IL251	290	290	291	292	293
IL251	300	300	301	302	303
IL251	310	310	311	312	313
IL251	320	320	321	322	323
IL251	330	330	331	332	333
S.SPUR	370	370	371	372	373
S.STUB	380	380	381	382	383
S.STUB	1210	1210	1211	1212	1213



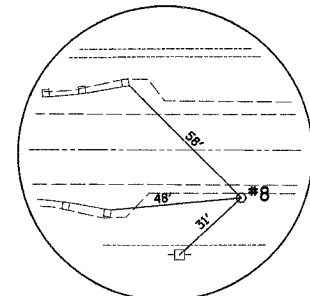
HORIZONTAL CONTROL POINT NO. 5



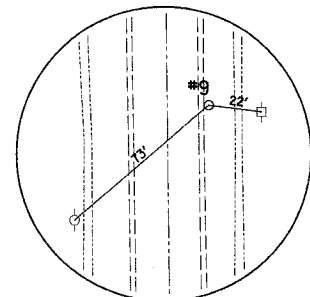
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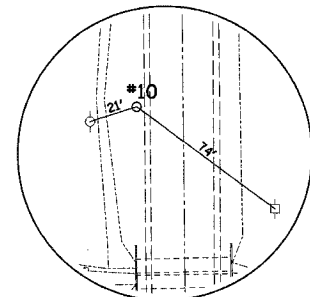
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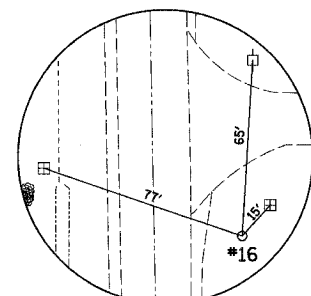
HORIZONTAL CONTROL POINT NO. 8



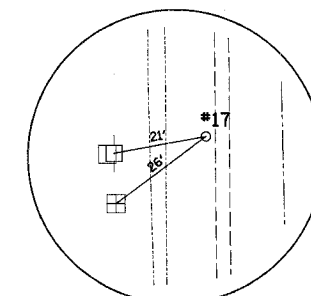
HORIZONTAL CONTROL POINT NO. 9



HORIZONTAL CONTROL POINT NO. 10



HORIZONTAL CONTROL POINT NO. 16

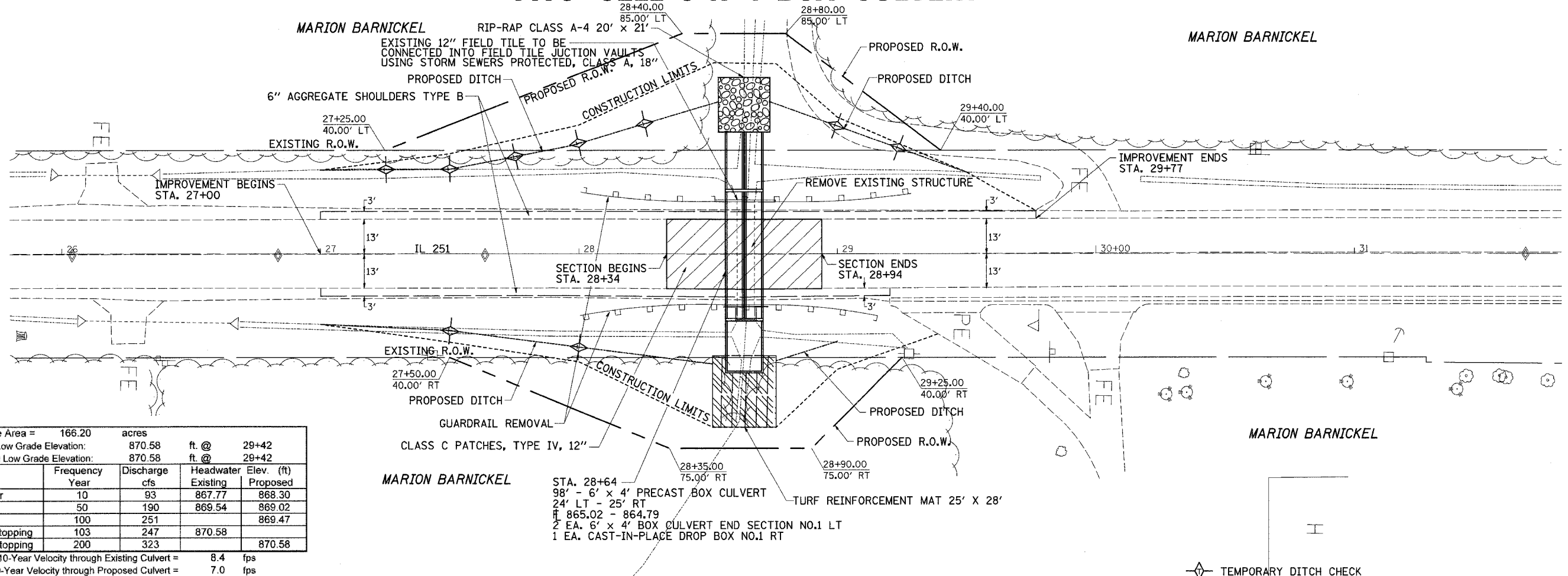


HORIZONTAL CONTROL POINT NO. 17

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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(110,111)T	LEE	59	14
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

STA. 28 + 64 TWO CELL 6' x 4' BOX CULVERT



Drainage Area =	166.20	acres		
Existing Low Grade Elevation:	870.58	ft. @	29+42	
Proposed Low Grade Elevation:	870.58	ft. @	29+42	
Flood Year	Frequency	Discharge cfs	Headwater Existing	Elev. (ft) Proposed
Ten-Year	10	93	867.77	868.30
Design	50	190	869.54	869.02
Base	100	251	869.54	869.47
EX Overtopping	103	247	870.58	
PR Overtopping	200	323		870.58

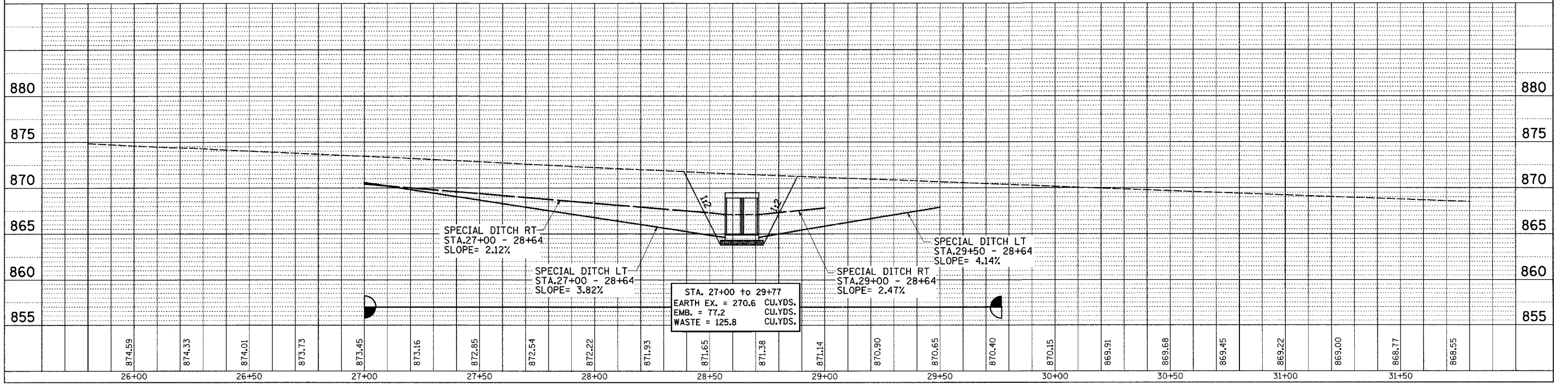
10-Year Velocity through Existing Culvert = 8.4 fps
 10-Year Velocity through Proposed Culvert = 7.0 fps

STA. 28+64
 98' - 6' x 4' PRECAST BOX CULVERT
 24' LT - 25' RT
 # 865.02 - 864.79
 2 EA. 6' x 4' BOX CULVERT END SECTION NO.1 LT
 1 EA. CAST-IN-PLACE DROP BOX NO.1 RT

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REVISIONS	
PLANNED	
ALIGNED	
DESIGNED	
CHECKED	
NO. _____	
DATE _____	

DATE	
BY	
REVISIONS	
PLANNED	
ALIGNED	
DESIGNED	
CHECKED	
NO. _____	
DATE _____	

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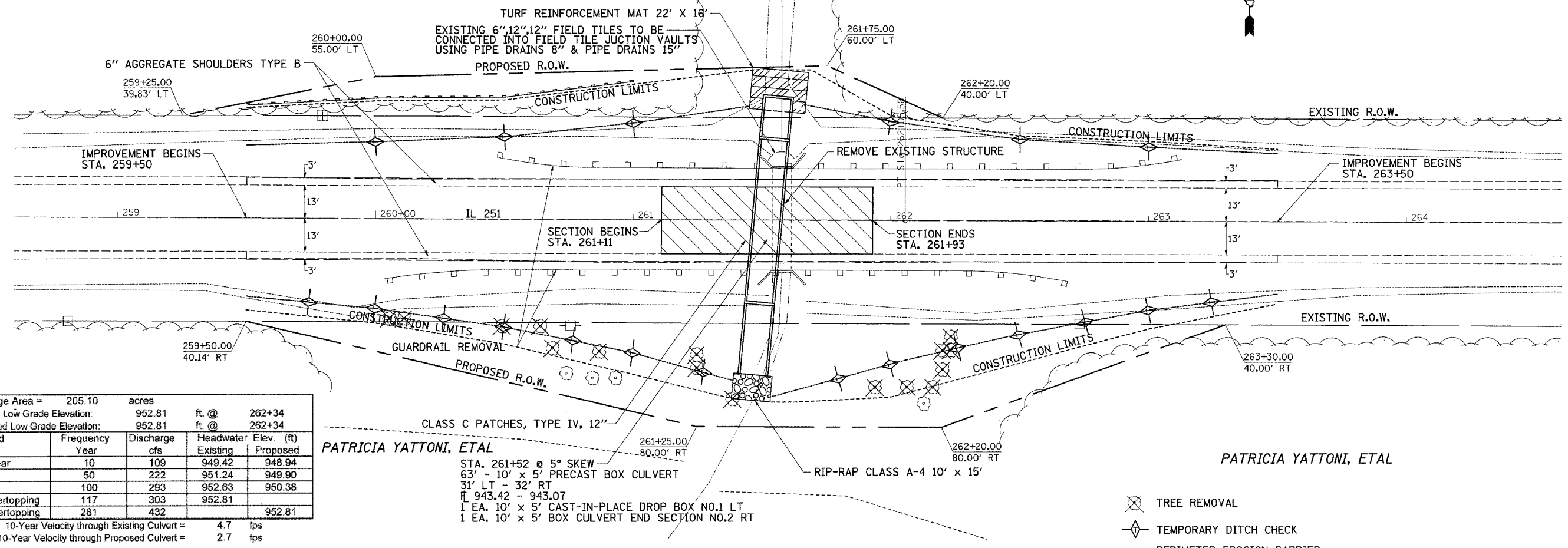
STA. 28 + 64 TWO CELL 6' x 4' BOX CULVERT

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(110,111)T	LEE	59	15
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

STA. 261+52 10' x 5' BOX CULVERT

PARAMOUNT GROUP, LLC

PARAMOUNT GROUP, LLC



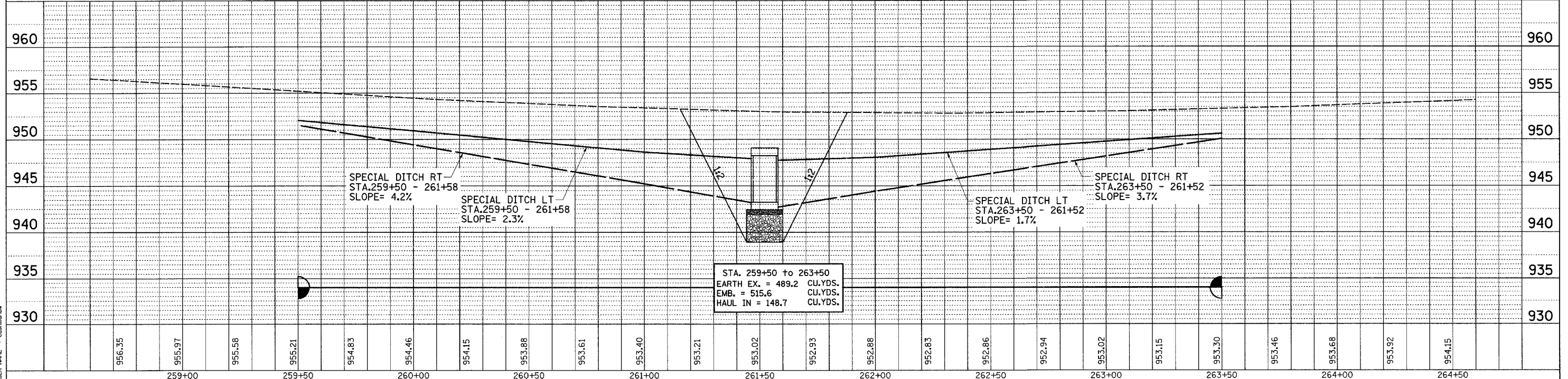
Drainage Area =	205.10	acres		
Existing Low Grade Elevation:	952.81	ft. @	262+34	
Proposed Low Grade Elevation:	952.81	ft. @	262+34	
Flood Year	Frequency	Discharge cfs	Headwater Existing	Elev. (ft) Proposed
Ten-Year	10	109	949.42	948.94
Design	50	222	951.24	949.90
Base	100	293	952.63	950.38
EX Overtopping	117	303	952.81	
PR Overtopping	281	432		952.81
10-Year Velocity through Existing Culvert =		4.7	fps	
10-Year Velocity through Proposed Culvert =		2.7	fps	

PATRICIA YATTONI, ETAL

PATRICIA YATTONI, ETAL

CLASS C PATCHES, TYPE IV, 12"
 STA. 261+52 @ 5° SKEW
 63' - 10' x 5' PRECAST BOX CULVERT
 31' LT - 32' RT
 R 943.42 - 943.07
 1 EA. 10' x 5' CAST-IN-PLACE DROP BOX NO.1 LT
 1 EA. 10' x 5' BOX CULVERT END SECTION NO.2 RT

- ⊗ TREE REMOVAL
- ◇ TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER



STA. 261+52 10' x 5' BOX CULVERT

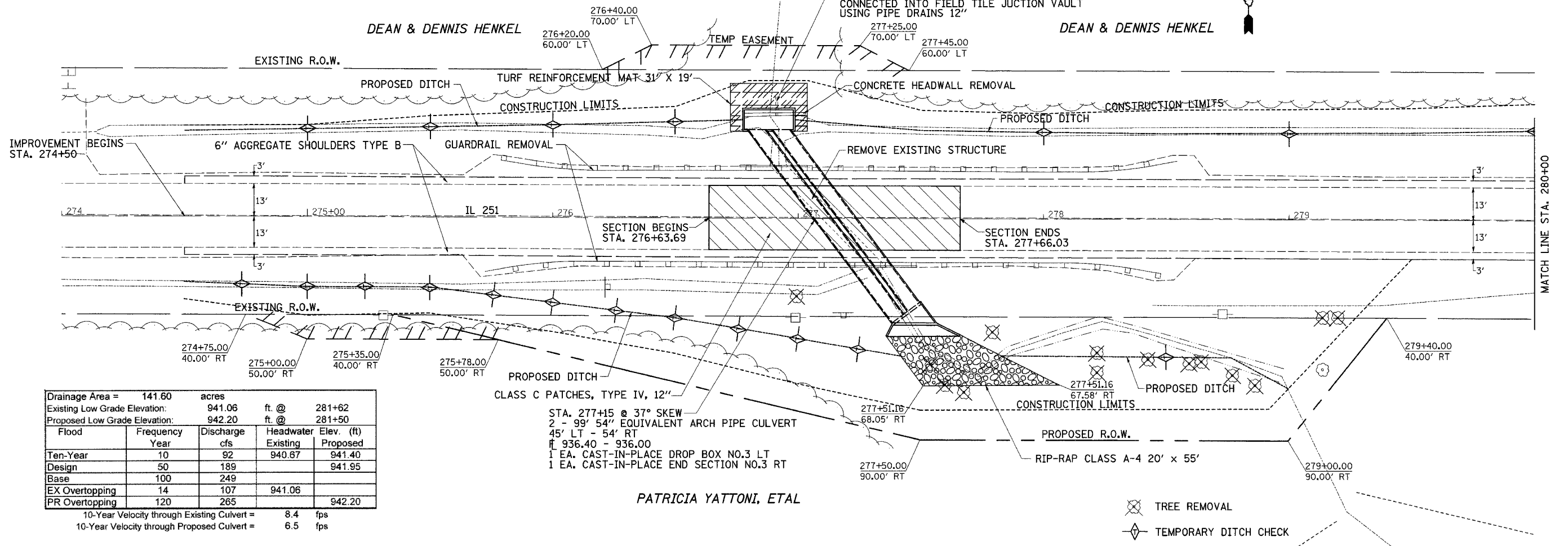
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 PLANNING: _____
 DRAWING: _____
 NO. _____

DATE: _____ BY: _____
 CHECKED: _____
 PROFILE: _____
 GRADES: _____
 STRUCTURE: _____
 NOTATIONS: _____
 NO. _____

DATE: Tue Feb 26 10:28:54 2008
 PLOT SCALE: 20.0000 / 1.00
 USER NAME: cshenamb

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(110,111)T	LEE	59	16
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

STA. 277 + 15 DOUBLE 54" EQUIVALENT ARCH PIPE CULVERT



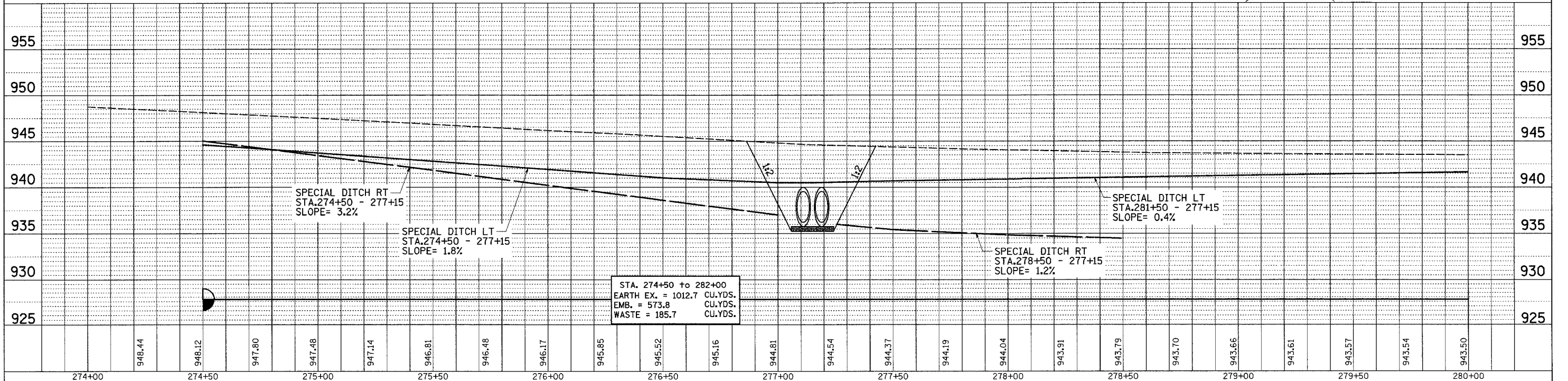
Drainage Area =	141.60	acres	
Existing Low Grade Elevation:	941.06	ft. @ 281+62	
Proposed Low Grade Elevation:	942.20	ft. @ 281+50	
Flood Year	Frequency	Discharge	Headwater Elev. (ft)
Ten-Year	10	92	Existing 940.67 Proposed 941.40
Design	50	189	941.95
Base	100	249	
EX Overtopping	14	107	941.06
PR Overtopping	120	265	942.20

10-Year Velocity through Existing Culvert = 8.4 fps
 10-Year Velocity through Proposed Culvert = 6.5 fps

STA. 277+15 @ 37° SKEW
 2 - 99' 54" EQUIVALENT ARCH PIPE CULVERT
 45' LT - 54' RT
 Elevation: 936.40 - 936.00
 1 EA. CAST-IN-PLACE DROP BOX NO.3 LT
 1 EA. CAST-IN-PLACE END SECTION NO.3 RT

PATRICIA YATTONI, ETAL

- TREE REMOVAL
- TEMPORARY DITCH CHECK



STA. 277 + 15 DOUBLE 54" EQUIVALENT ARCH PIPE CULVERT

DATE: _____ BY: _____
 SURVEYED: _____
 ALIGNED: _____
 CHECKED: _____
 NOTE BOOK NO.: _____
 CAD FILE NAME: _____

DATE: _____ BY: _____
 PROFILE SURVEYED: _____
 GRADES CHECKED: _____
 STRUCTURE NOTATIONS CHECKED: _____
 NOTE BOOK NO.: _____
 USER NAME: _____

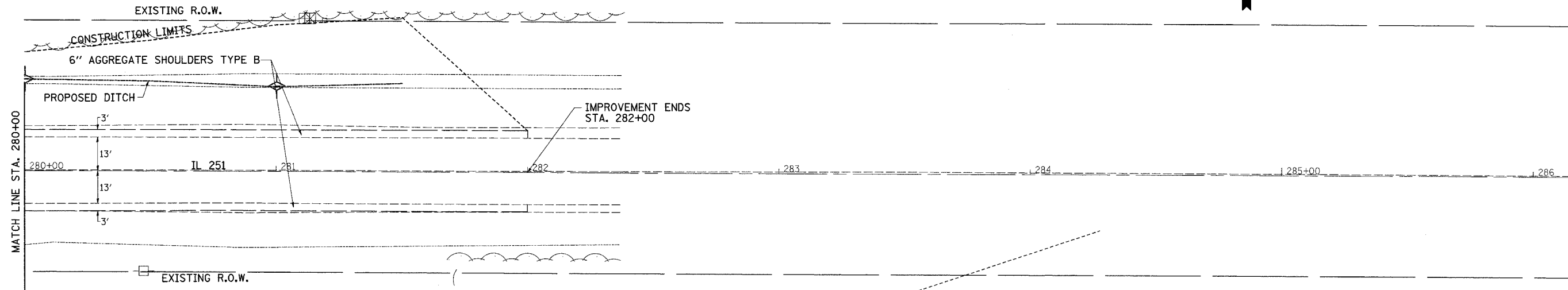
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1177	(110,111)T	LEE	59	17
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

STA. 277 + 15

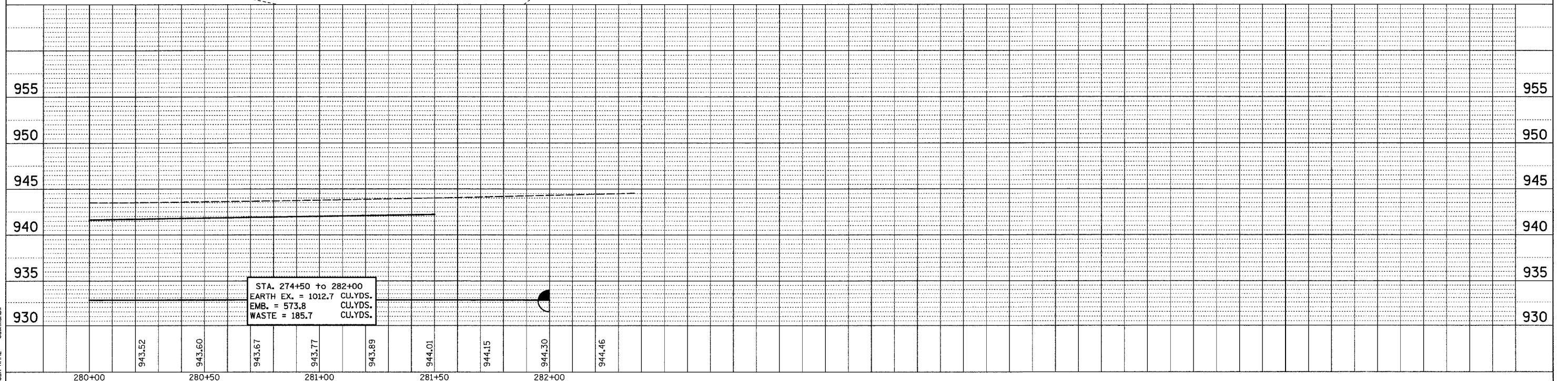
DOUBLE 54" EQUIVALENT ARCH PIPE CULVERT

DENNIS HENKEL



PATRICIA YATTONI, ETAL

TEMPORARY DITCH CHECK



STA. 274+50 to 282+00
 EARTH EX. = 1012.7 CU.YDS.
 EMB. = 573.8 CU.YDS.
 WASTE = 185.7 CU.YDS.

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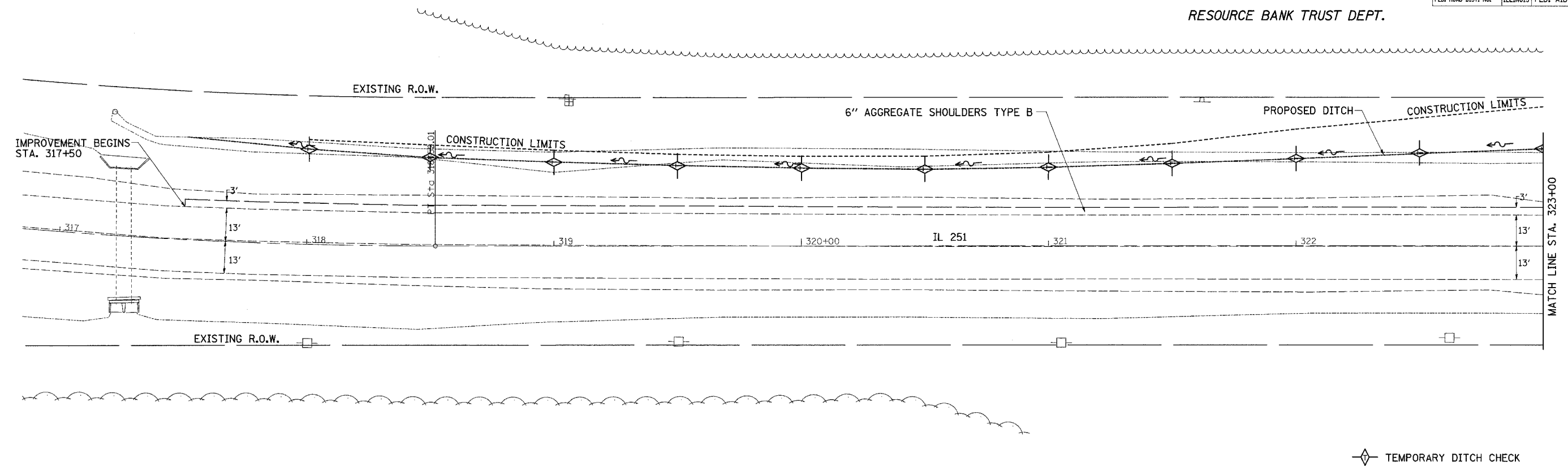
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STA. TO STA.		FED. AID PROJECT		
FED. ROAD DIST. NO.		ILLINOIS		



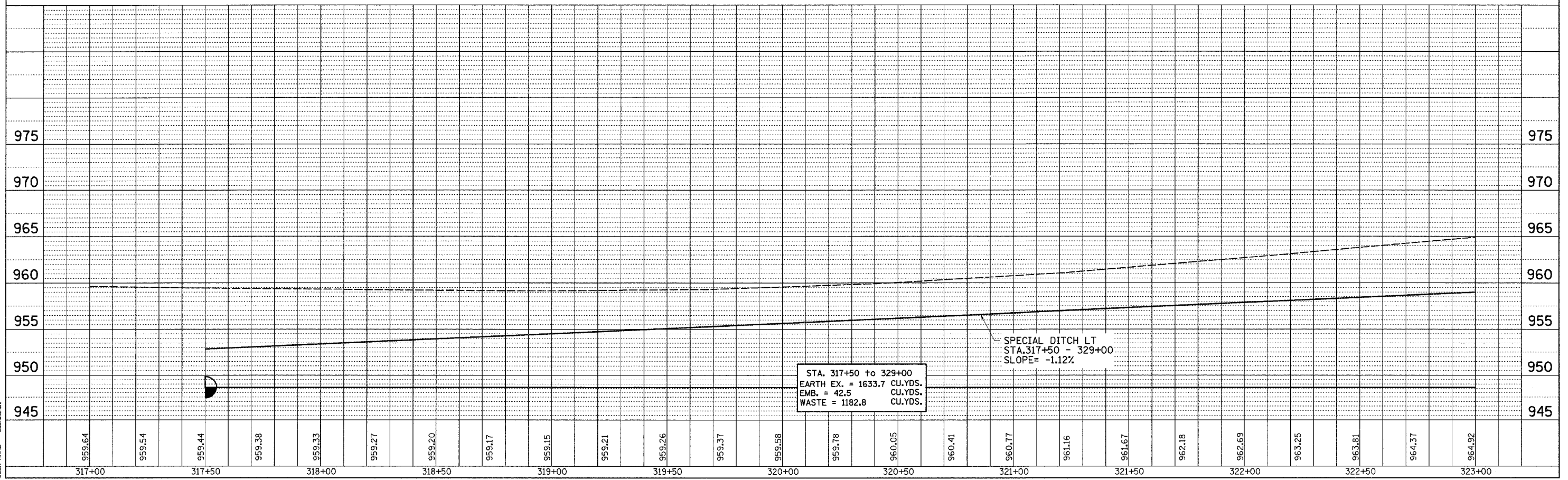
RESOURCE BANK TRUST DEPT.

PL/	BY	DATE
REVISIONS		
PLOTTED		
NOTED		
NO.		



TEMPORARY DITCH CHECK

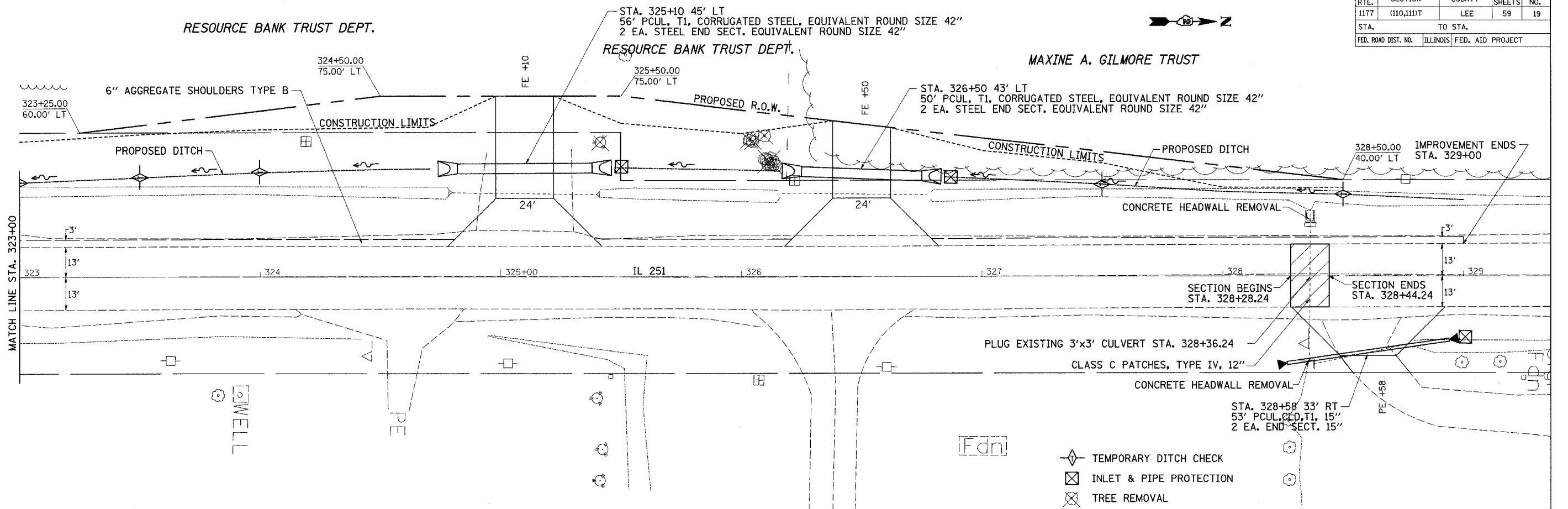
PROFILE	BY	DATE
REVISIONS		
PLOTTED		
NOTED		
NO.		



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3' x 3' CULVERT TO BE PLUGGED

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STA. 1177		TO STA. 1178		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

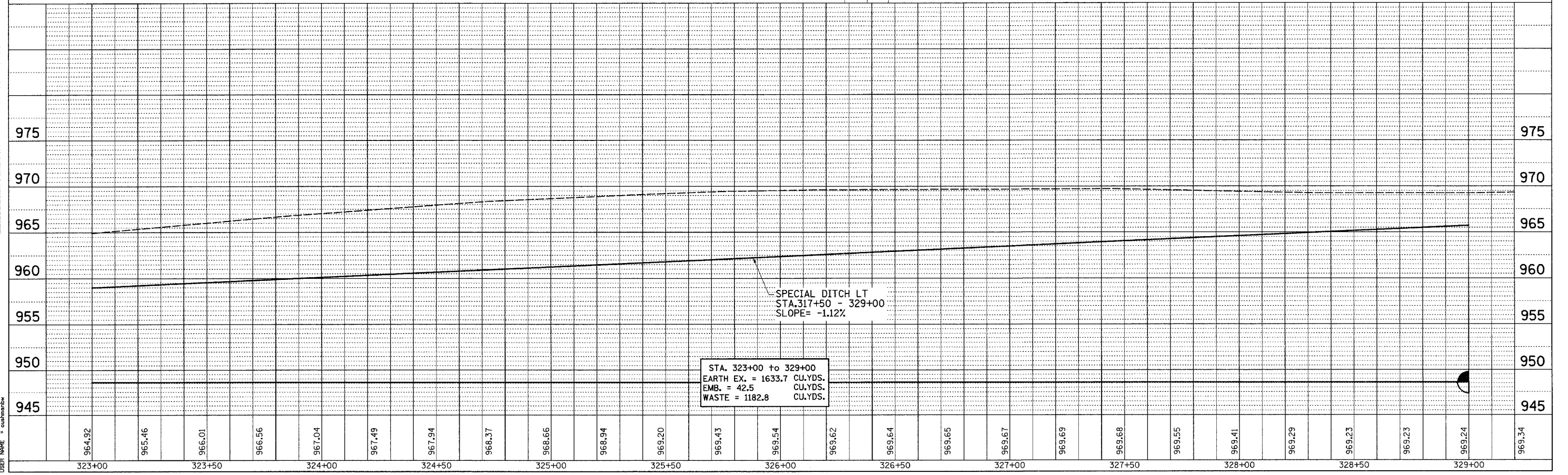


- ◇ TEMPORARY DITCH CHECK
- ⊠ INLET & PIPE PROTECTION
- ⊗ TREE REMOVAL

DATE	
BY	
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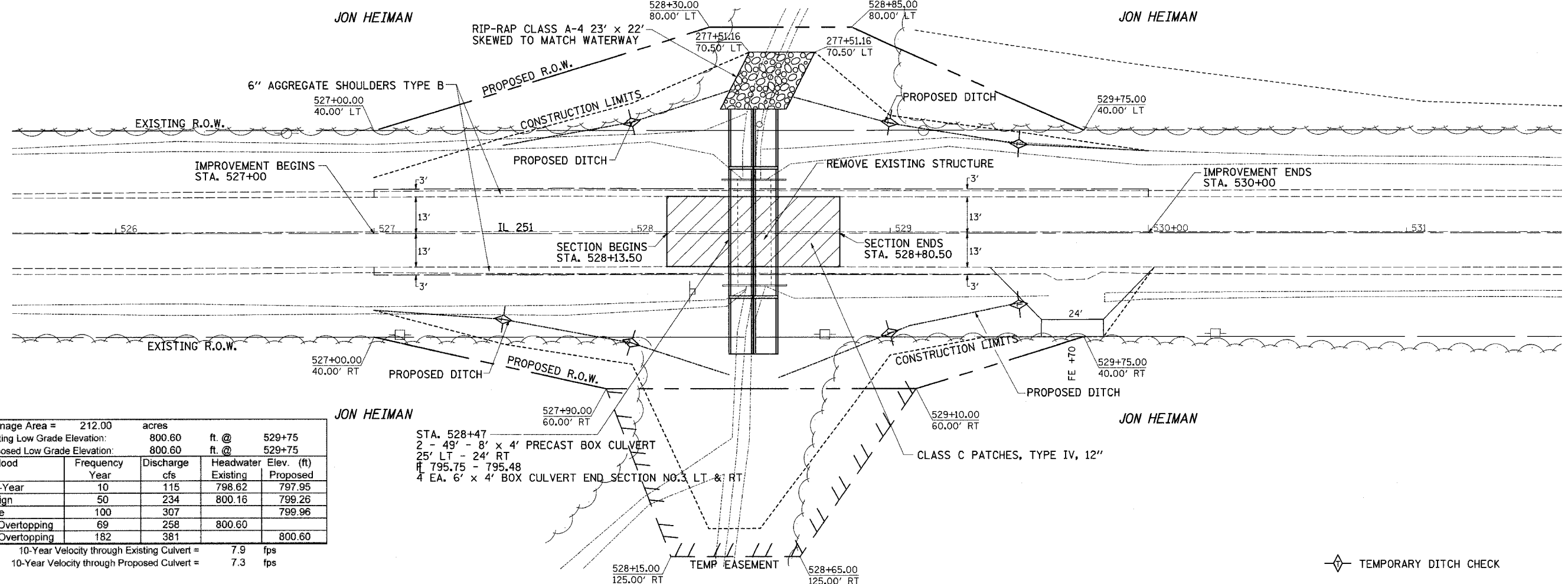
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3' x 3' CULVERT TO BE PLUGGED

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(110,111)T	LEE	59	20
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

STA. 528 + 47 TWO CELL 8' x 4' BOX CULVERT

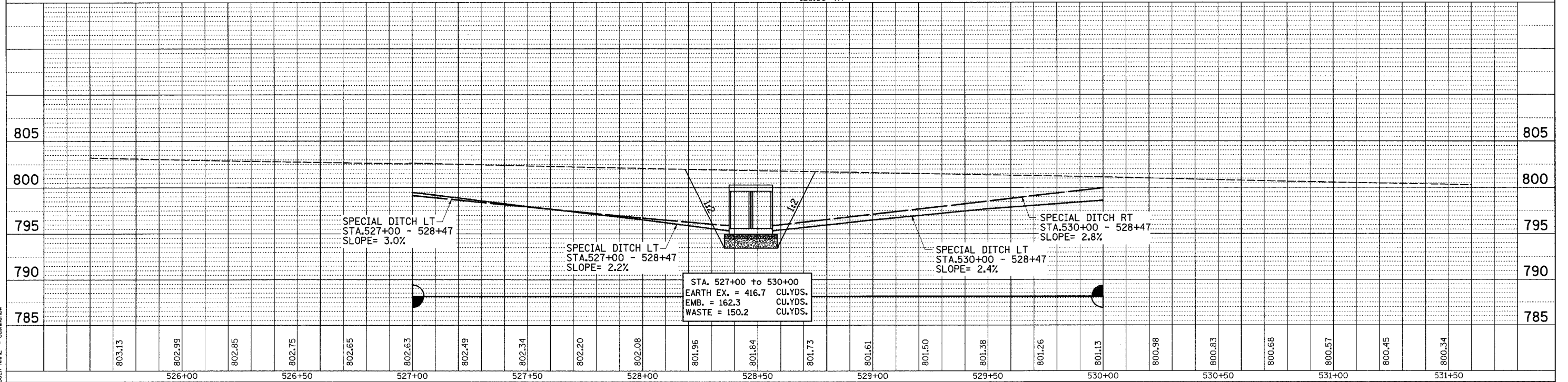


Drainage Area =	212.00	acres		
Existing Low Grade Elevation:	800.60	ft. @	529+75	
Proposed Low Grade Elevation:	800.60	ft. @	529+75	
Flood Year	Frequency	Discharge cfs	Headwater Existing	Headwater Proposed
Ten-Year	10	115	798.62	797.95
Design	50	234	800.16	799.26
Base	100	307		799.96
EX Overtopping	69	258	800.60	
PR Overtopping	182	381		800.60

10-Year Velocity through Existing Culvert = 7.9 fps
 10-Year Velocity through Proposed Culvert = 7.3 fps

STA. 528+47
 2 - 49' - 8" x 4' PRECAST BOX CULVERT
 25' LT - 24' RT
 ± 795.75 - 795.48
 4 EA. 6' x 4' BOX CULVERT END SECTION NO. 3 LT & RT

STA. 527+00 to 530+00
 EARTH EX. = 416.7 CU.YDS.
 EMB. = 162.3 CU.YDS.
 WASTE = 150.2 CU.YDS.



STA. 528 + 47 TWO CELL 8' x 4' BOX CULVERT

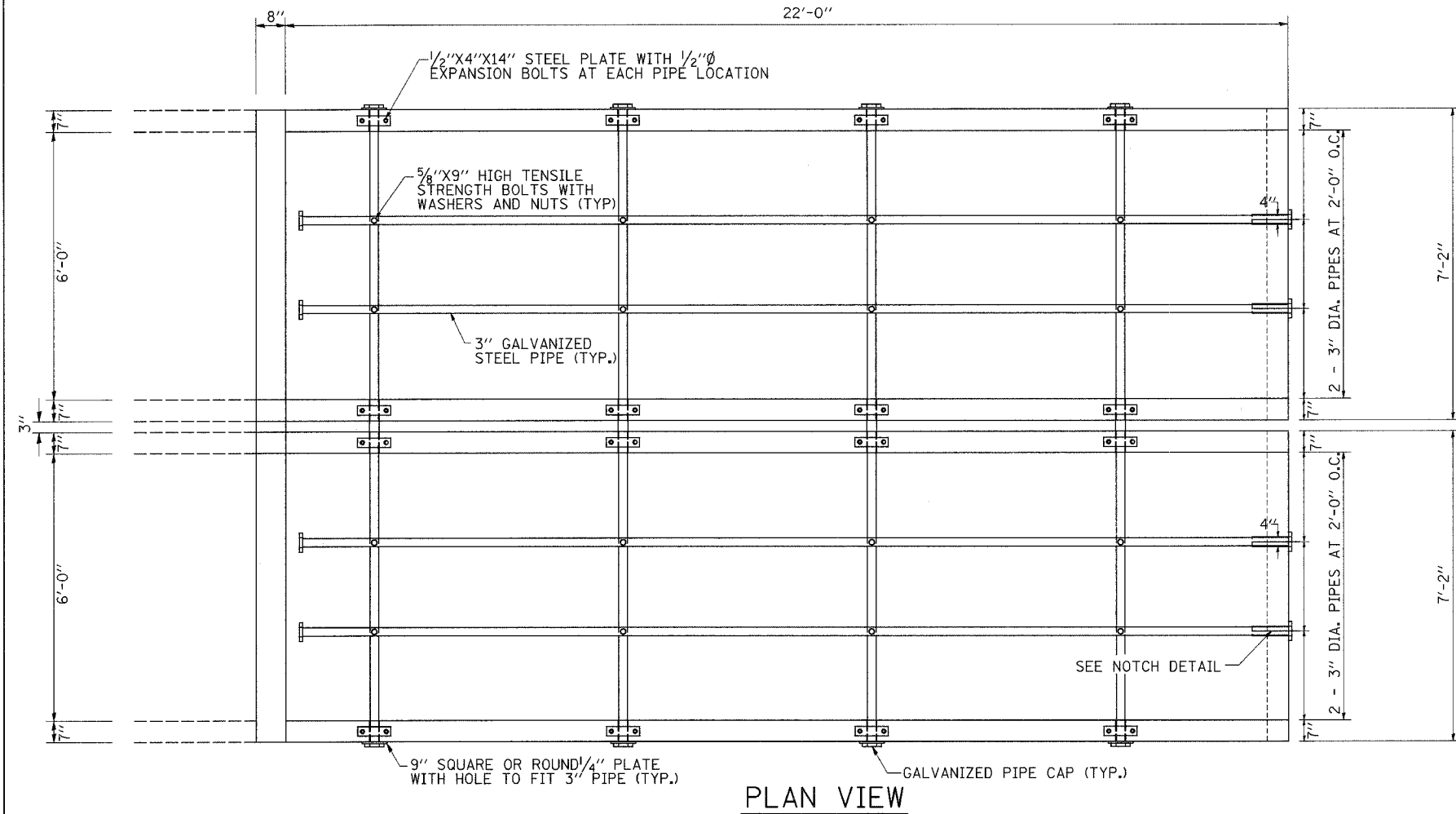
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DATE: _____ BY: _____
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 GRAINS: _____
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 DATE: _____
 NO.: _____

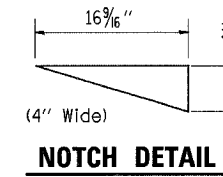
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STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

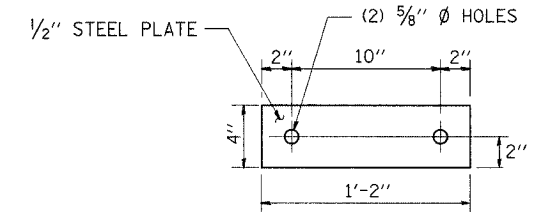
BOX CULVERT END SECTION NO.1 STA. 28 + 64



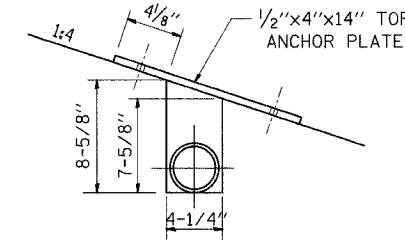
PLAN VIEW



NOTCH DETAIL



TOP ANCHOR PLATE



DETAIL "A"

BILL OF MATERIALS

(For Information Only)

DESCRIPTION	UNIT	QTY.
3" Galvanized Steel Pipe	4e	14'-9"
3" Galv Pipe Caps	4e	22'-0"
1/4" Galv. Stl. Plate (9" Nominal)	EACH	16
1/2" x 4" x 14" Galv. Steel Plate	EACH	8
5/8" x 9" Galv. Steel Bolts	EACH	16
Expansion Bolts 1/2"	EACH	32

GENERAL NOTES:

Slope flow line of the extension at the same rate as the flow line of the box.

Bolts, Nuts, and Washers shall be in accordance with Article 1006.08 of the standard specifications and shall be galvanized.

The contract unit price "Each" for Box Culvert End Section No. 1 shall be of precast construction and shall include the expansion bolts, galvanized pipes, class SI Concrete, Bolts, Nuts, Reinforcement, washers, and steel plates.

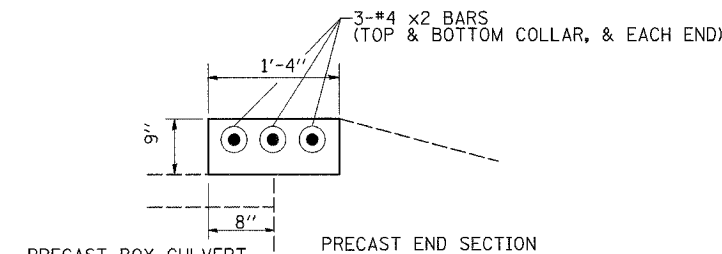
The contractor has the option of using Cast-In-Place and must provide us with shop drawings for review.

All labor and material required for the construction of the connection collar shall be included in the bid item "PRECAST CONCRETE BOX CULVERT 6'x4'".

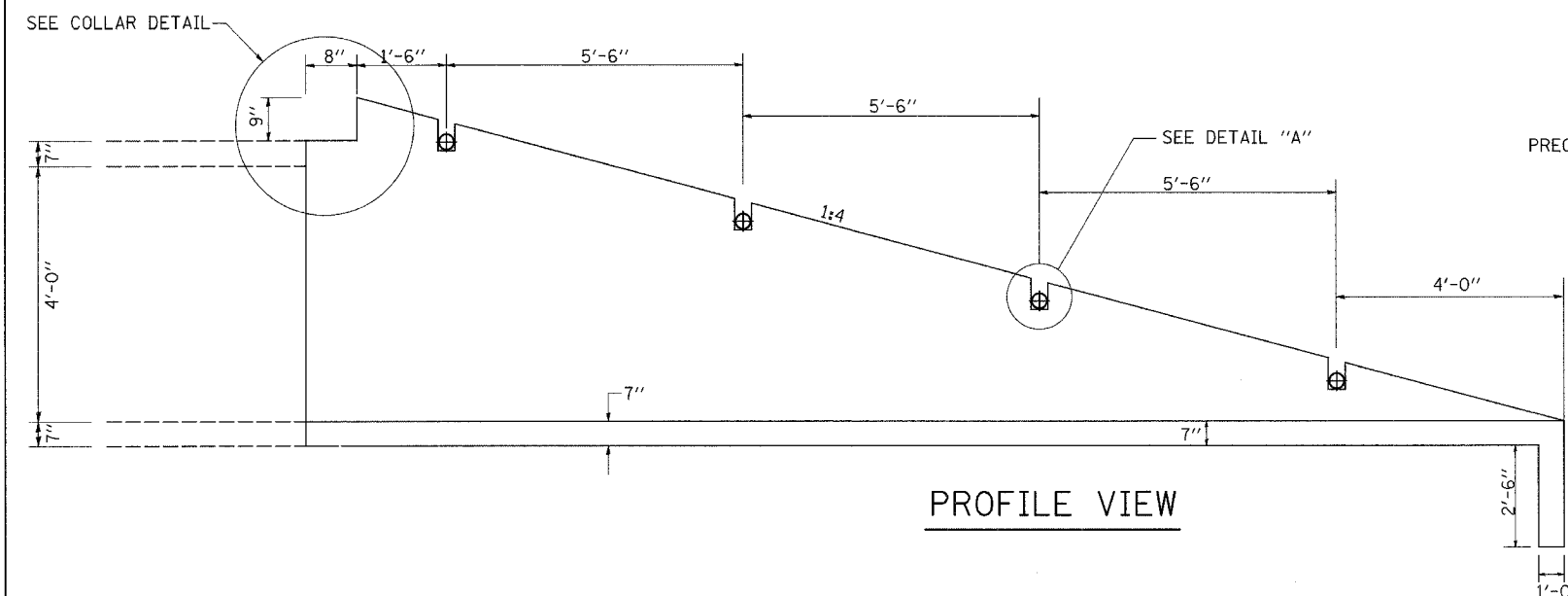
Steel pipes shall conform to A.S.T.M. A-53 (Type E or S) Grade B, Schedule 40, and shall be galvanized conforming to A.S.T.M. A-120. Contractor shall field verify pipe length.

Steel Plates shall conform to AASHTO M-183 and shall be galvanized conforming to AASHTO M-111.

SEE PLAN AND PROFILE SHEET FOR MORE INFORMATION
SEE CROSS SECTION SHEET FOR MORE INFORMATION



COLLAR DETAIL



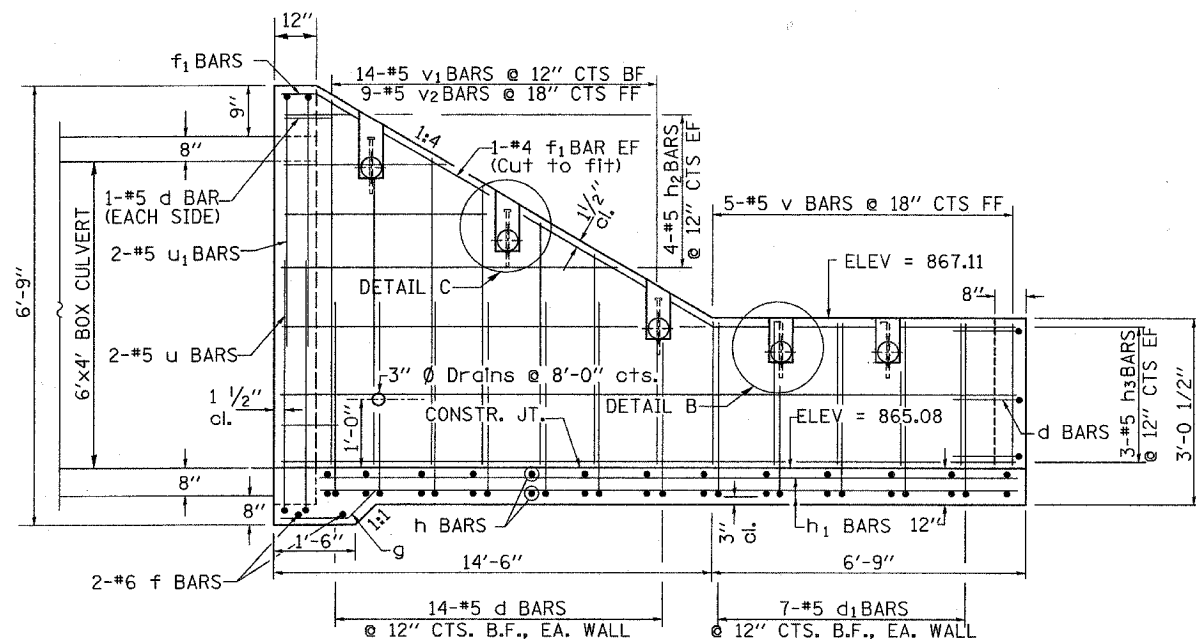
PROFILE VIEW

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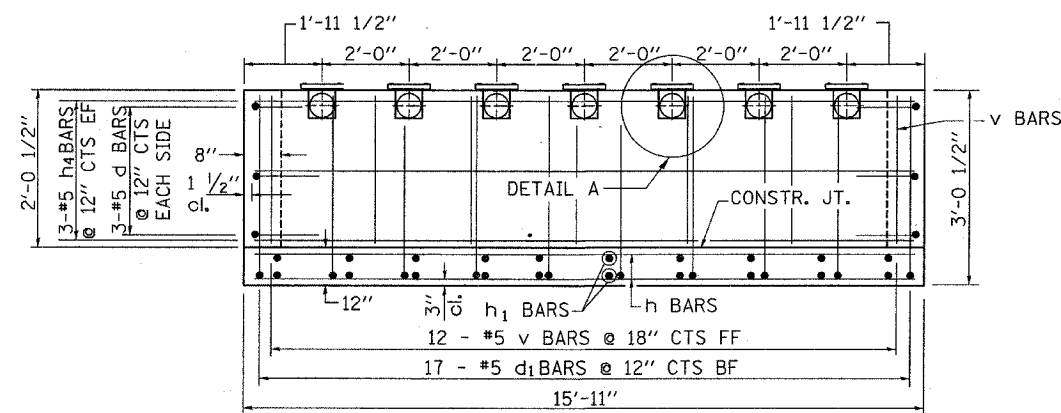
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DROP BOX NO. 1

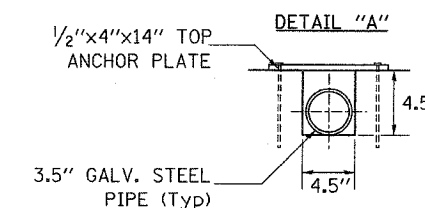
STA. 28 + 64



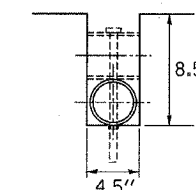
SIDEWALLS



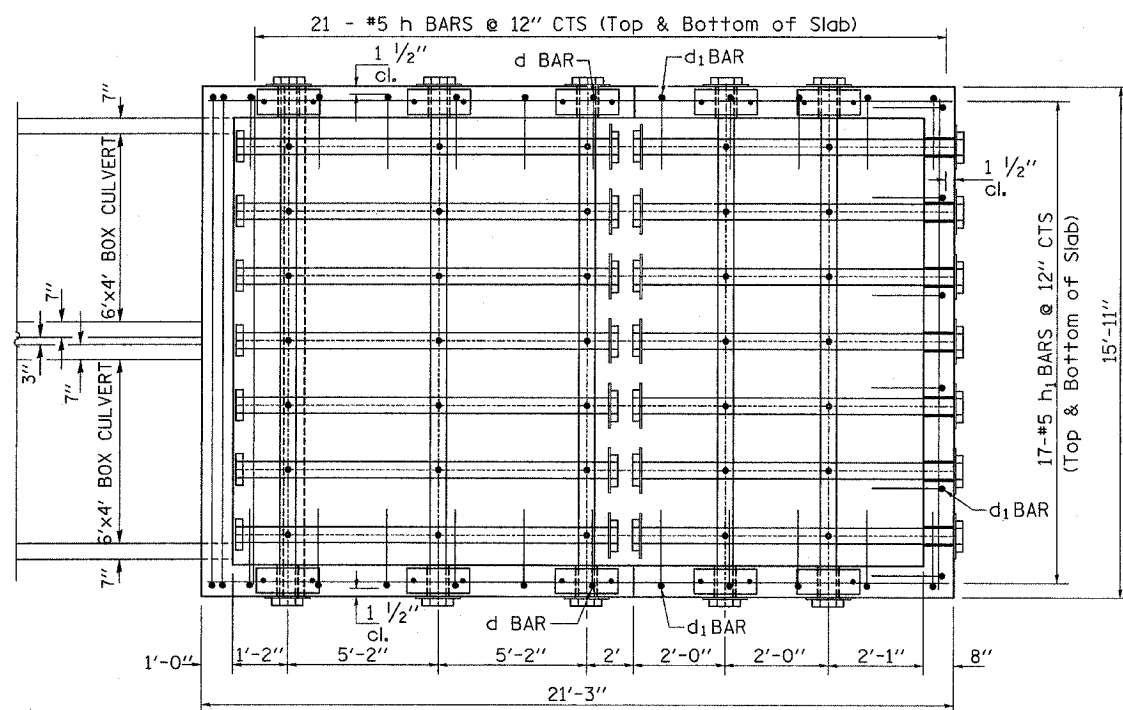
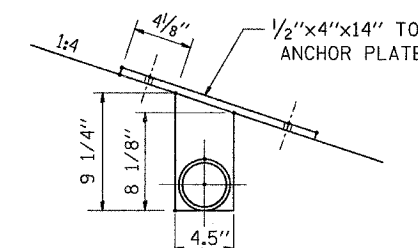
BACK WALL



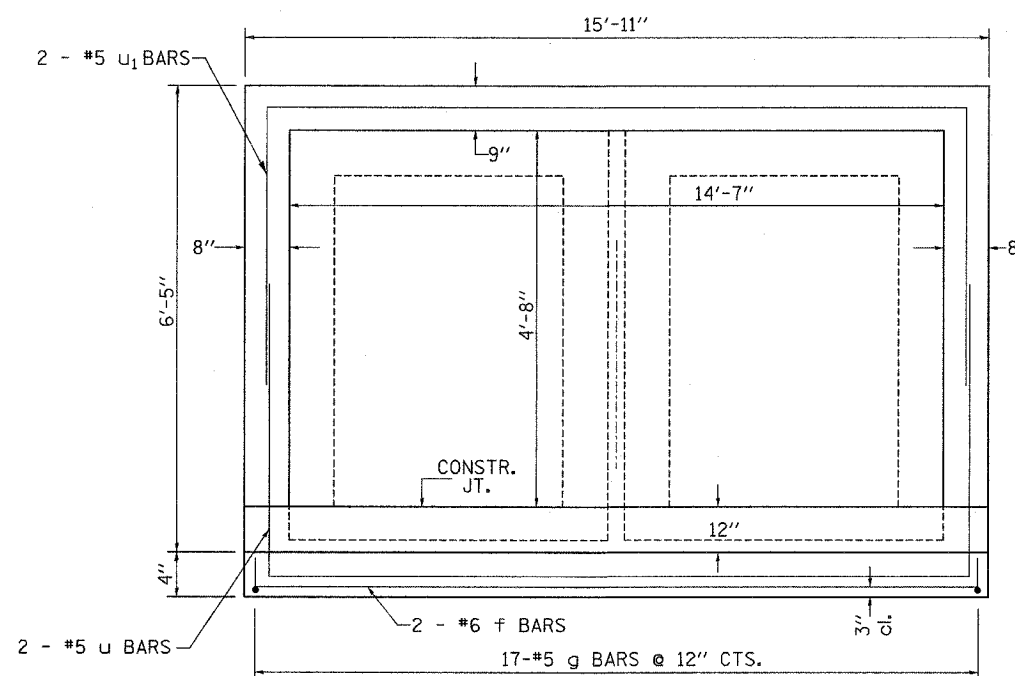
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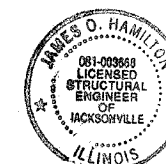
DETAIL "C"



BOTTOM SLAB



HEADWALL



James O. Hamilton
2/15/08
Expires 11/30/08

DROP BOX NO. 1

STA. 28 + 64

F.A.S. RTE.		SECTION		COUNTY		TOTAL SHEETS		SHEET NO.	
1177		(110,111)T		LEE		59		23	
STA.				TO STA.					
FED. ROAD DIST. NO.				ILLINOIS		FED. AID PROJECT			

SHEET 2 OF 2

GENERAL NOTES

Order h2, v1 & v2 Bars Full Length and cut to fit in field. Use Remainder in Opp. Wall

This work shall be done according to the applicable portion of 503, 508, and 540 of the Standard Specifications.

Contractor shall field verify Galvanized pipe length

Exposed edges shall be beveled 3/4 "

The contract unit price "each" for DROP BOX NO. 1 shall include the Expansion Bolts, Galvanized Pipe, Concrete Structures, Reinforcement Bars, Bolts, Nuts, Washers, Steel Plates, earth excavation where required, and necessary grading to fit the inlet as shown in the cross sections or to the slope

Reinforcement bars shall conform to the requirements of ASTM A 706 Gr. 60 (IL Modified). See Special Provisions.

Steel Plates shall conform to AASHTO M-183 and shall be Galvanized conforming to AASHTO M-111.

Bolts, Nuts, and Washers shall be in accordance with Article 505 of the Standard Specification and shall be galvanized.

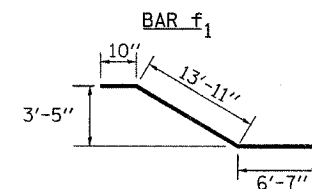
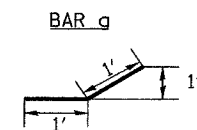
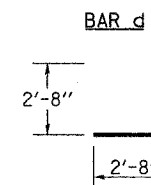
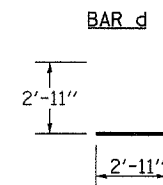
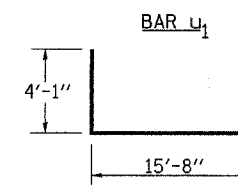
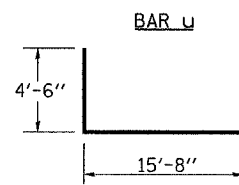
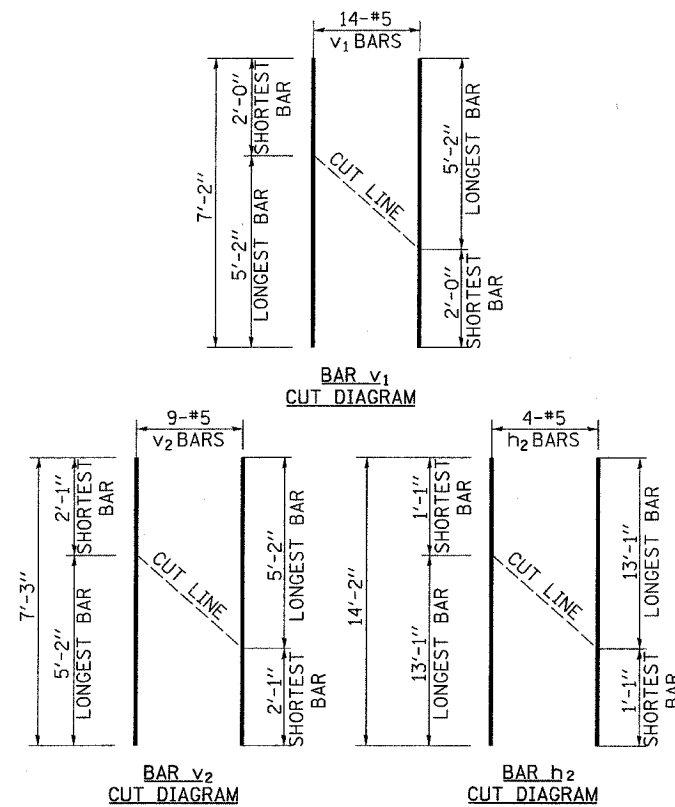
See Plan & Profile Sheet for more information.

See Cross Section Sheet for more information.

BILL OF MATERIAL

(For Information Only)

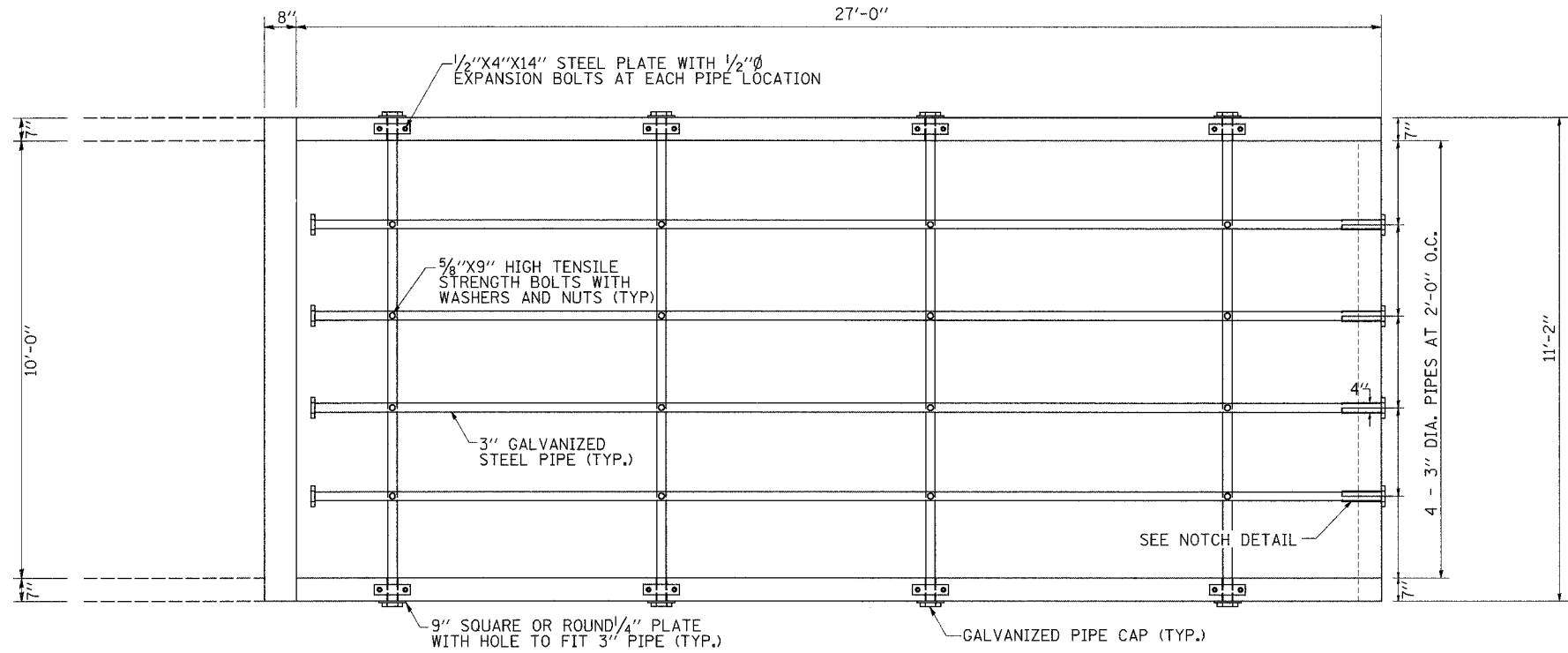
BAR	SIZE	NO.	LENGTH	SHAPE
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d1	5	31	5'-4"	
f	6	2	15'-8"	
f1	4	2	21'-4"	
g	5	17	2'-0"	
h	5	42	15'-8"	
h1	5	34	20'-0"	
h2	5	8	14'-2"	
h3	5	12	21'-0"	
h4	5	6	15'-8"	
v	5	22	2'-9"	
v1	5	14	7'-2"	
v2	5	9	7'-3"	
u	5	2	24'-8"	
u1	5	2	23'-10"	
DESCRIPTION		UNIT	QTY	
CONCRETE STRUCTURES		CU YD	17.1	
REINFORCEMENT BARS		LB	2710	
DESCRIPTION		UNIT	QTY.	
3.5" GALVANIZED STEEL PIPE		5e	16'-3"	
		7e	13'-6"	
		7e	6'-9"	
3.5" GALVANIZED PIPE CAPS		EACH	38	
1/4" GALVANIZED STEEL PLATE (9" NOMINAL)		EACH	10	
1/2"x4"x14" GALVANIZED STEEL PLATE		EACH	17	
5/8"x9" GALVANIZED STEEL BOLTS		EACH	35	



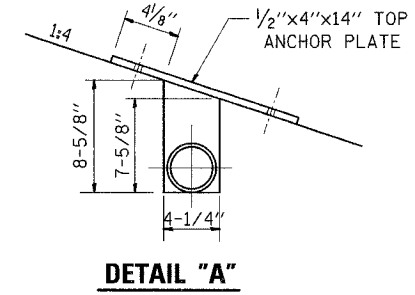
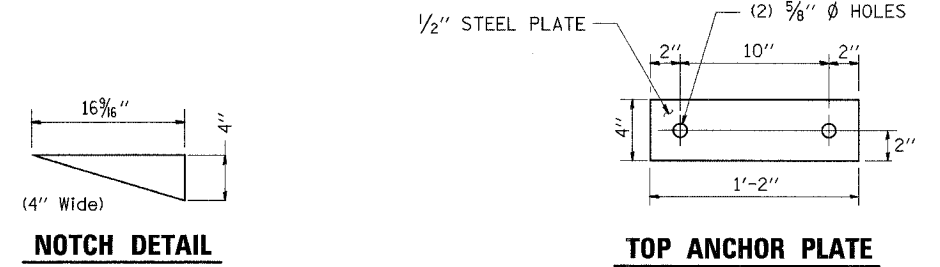
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(110,111)	LEE	59	24
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

BOX CULVERT END SECTION NO.2 STA. 261 + 52



PLAN VIEW



BILL OF MATERIALS

(For Information Only)

DESCRIPTION	UNIT	QTY.
3" Galvanized Steel Pipe	4e	11'-4"
	4e	27'-0"
3" Galv Pipe Caps	EACH	16
1/4" Galv. Stl. Plate (9" Nominal)	EACH	8
1/2"x4"x14" Galv. Steel Plate	EACH	8
5/8"x9" Galv. Steel Bolts	EACH	16
Expansion Bolts 1/2"Ø	EACH	16

GENERAL NOTES:

Slope flow line of the extension at the same rate as the flow line of the box.

Bolts, Nuts, and Washers shall be in accordance with Article 1006.08 of the standard specifications and shall be galvanized.

The contract unit price "Each" for Box Culvert End Section No. 2 shall be of precast construction and shall include the expansion bolts, galvanized pipes, class SI Concrete, Bolts, Nuts, Reinforcement, washers, and steel plates.

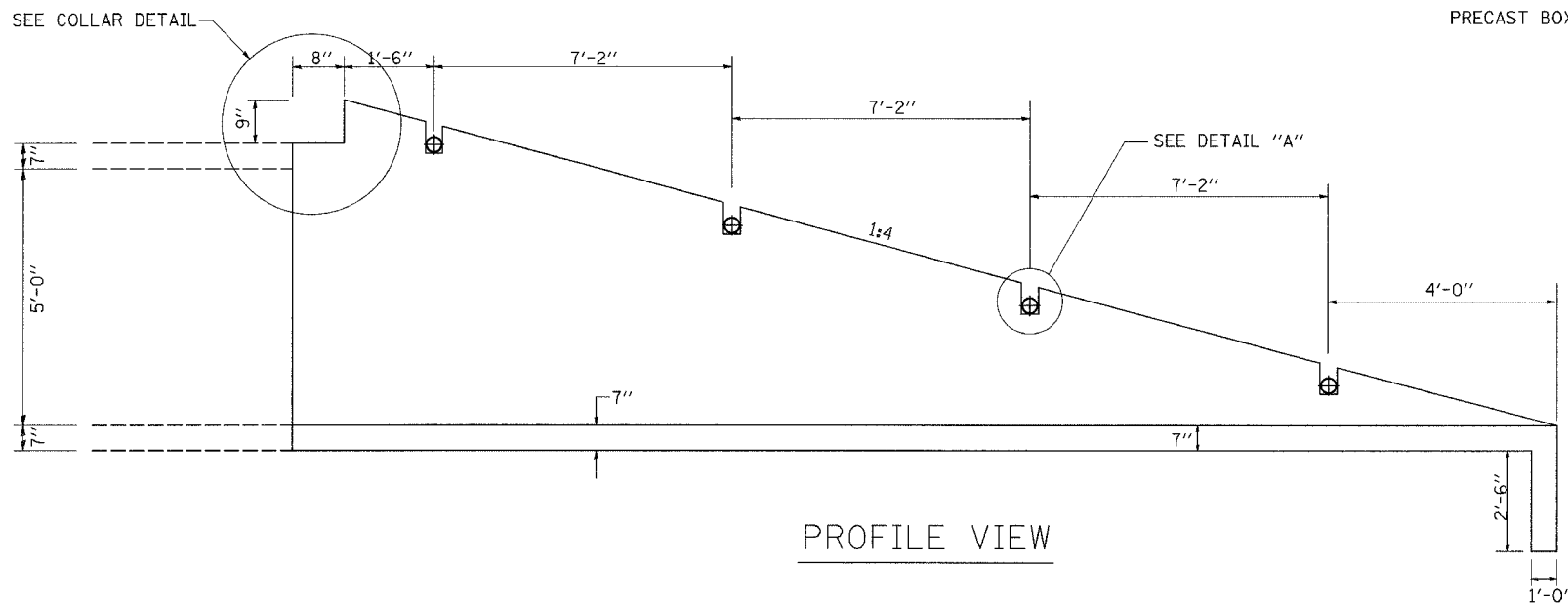
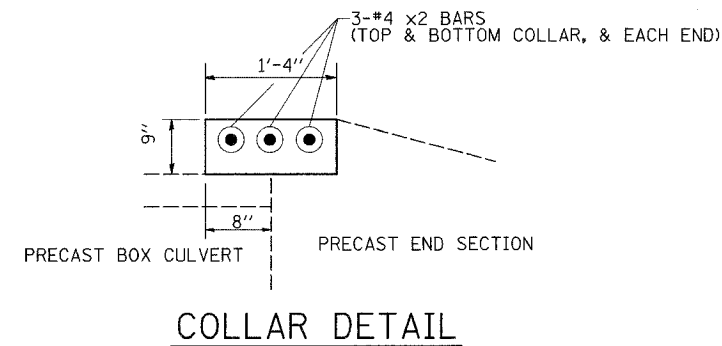
The contractor has the option of using Cast-In-Place and must provide us with shop drawings for review.

All labor and material required for the construction of the connection collar shall be included in the bid item "PRECAST CONCRETE BOX CULVERT 10'x5'".

Steel pipes shall conform to A.S.T.M. A-53 (Type E or S) Grade B, Schedule 40, and shall be galvanized conforming to A.S.T.M. A-120. Contractor shall field verify pipe length.

Steel Plates shall conform to AASHTO M-183 and shall be galvanized conforming to AASHTO M-111.

SEE PLAN AND PROFILE SHEET FOR MORE INFORMATION
SEE CROSS SECTION SHEET FOR MORE INFORMATION

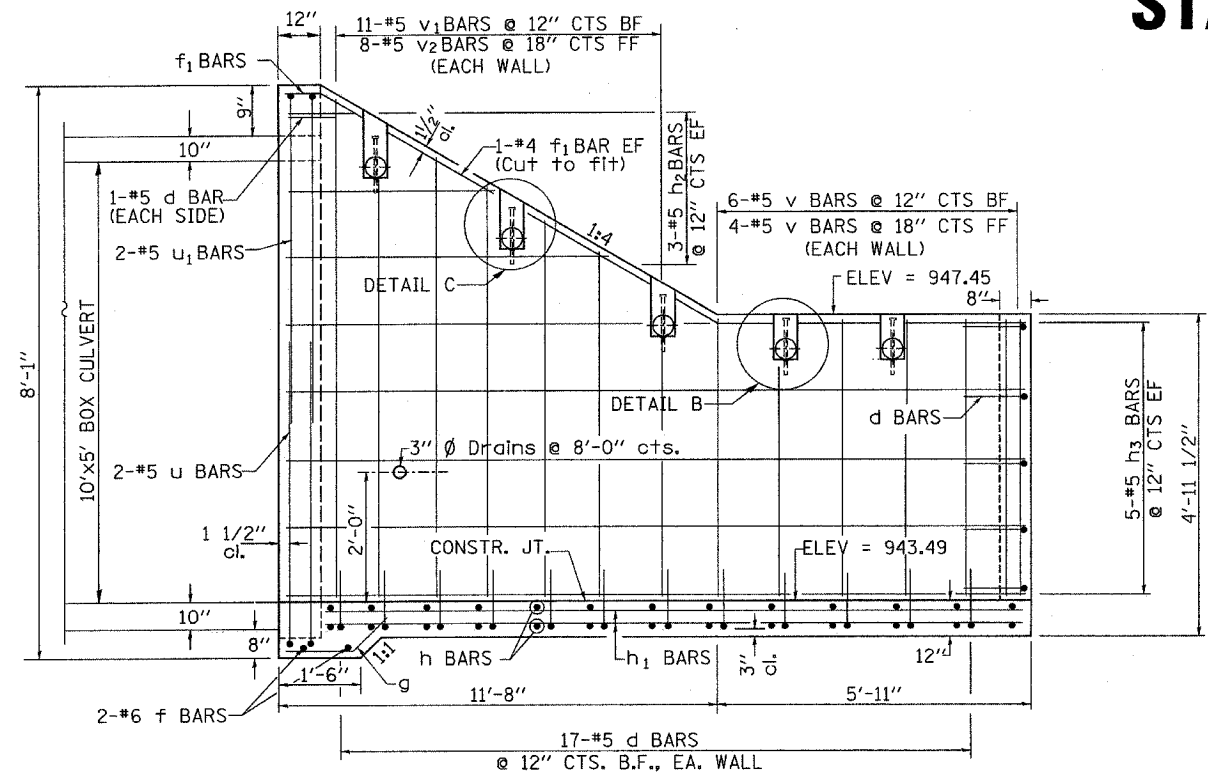


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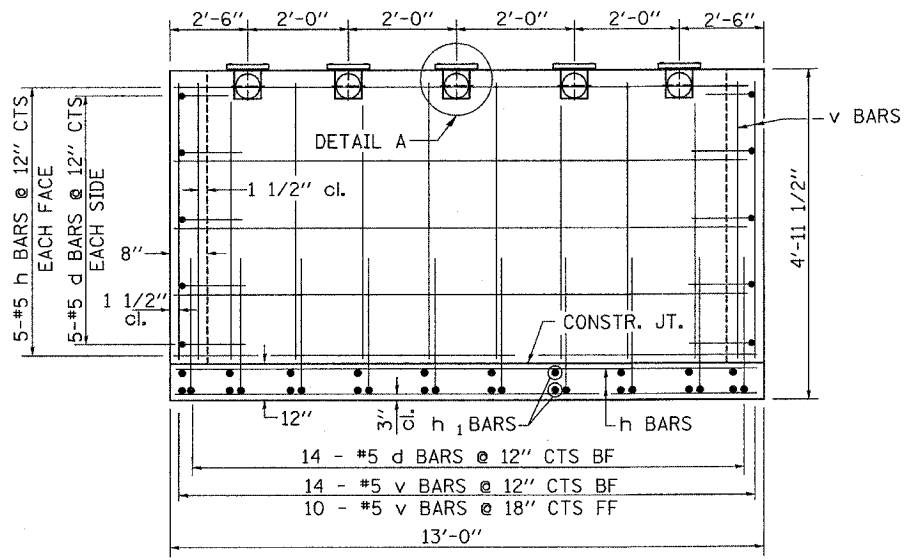
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(110,111)T	LEE	59	25
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DROP BOX NO. 2

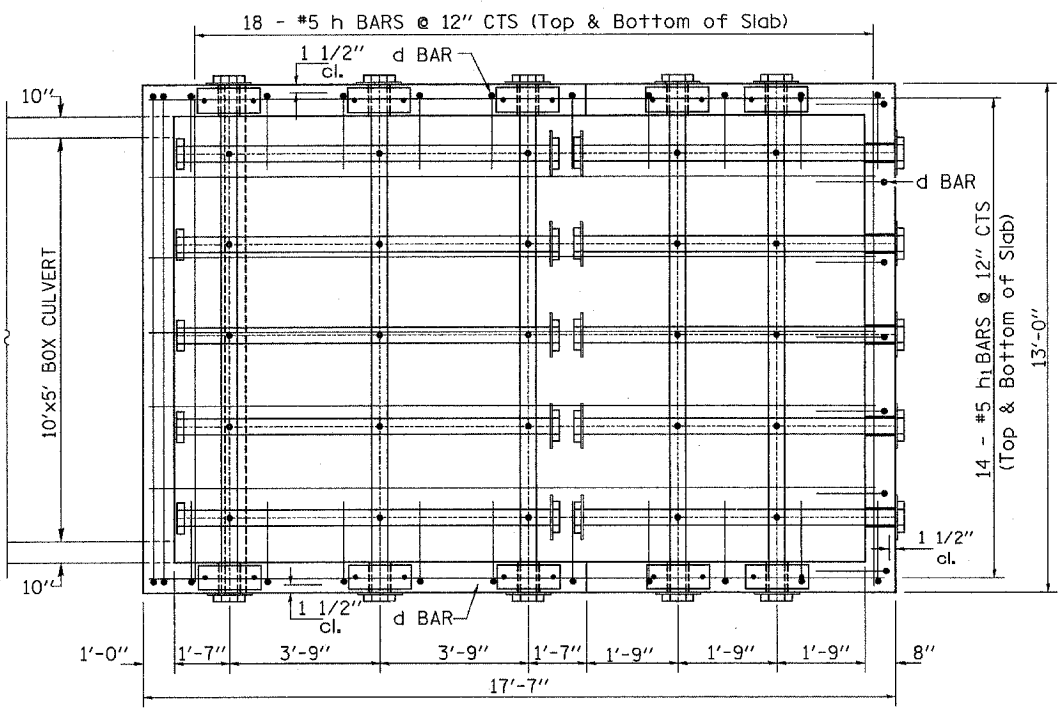
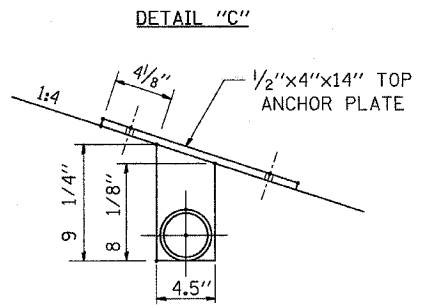
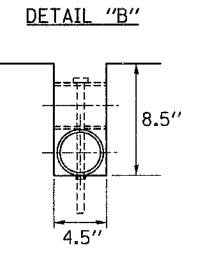
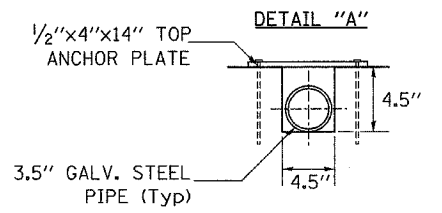
STA. 261 + 52



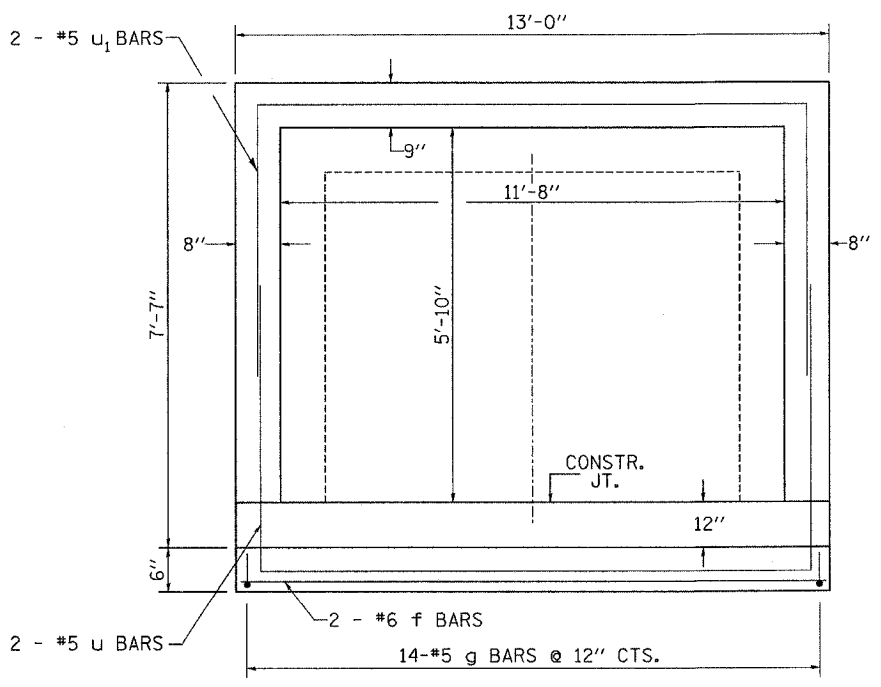
SIDEWALLS



BACK WALL



BOTTOM SLAB



HEADWALL



James O. Hamilton
2/15/08
Expires 11/30/08

PLOT DATE = 2/14/2008
FILE NAME = V:\Bridge\2244-15\draw\0187\ou.vdgn
PLOT SCALE = 4/8/95 / IN.
USER NAME = bndob.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(110,111)T	LEE	59	26
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DROP BOX NO. 2

STA. 261 + 52

GENERAL NOTES

Order h2, v1 & v2 Bars Full Length and cut to fit in field. Use Remainder in Opp. Wall

This work shall be done according to the applicable portion of 503, 508, and 540 of the Standard Specifications.

Contractor shall field verify Galvanized pipe length

Exposed edges shall be beveled 3/4 "

The contract unit price "each" for DROP BOX NO. 2 shall include the Expansion Bolts, Galvanized Pipe, Concrete Structures, Reinforcement Bars, Bolts, Nuts, Washers, Steel Plates, earth excavation where required, and necessary grading to fit the inlet as shown in the cross sections or to the slope

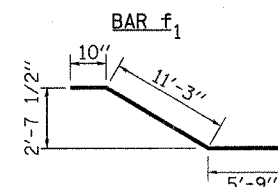
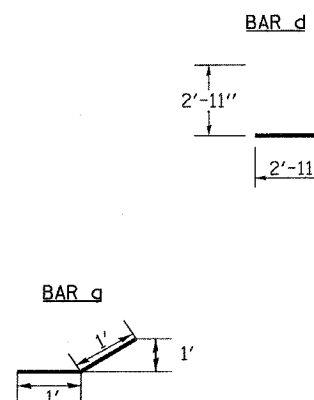
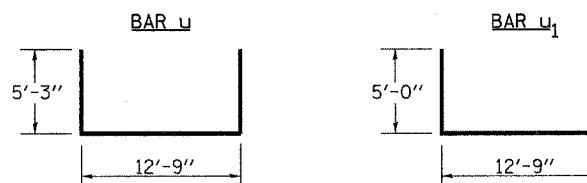
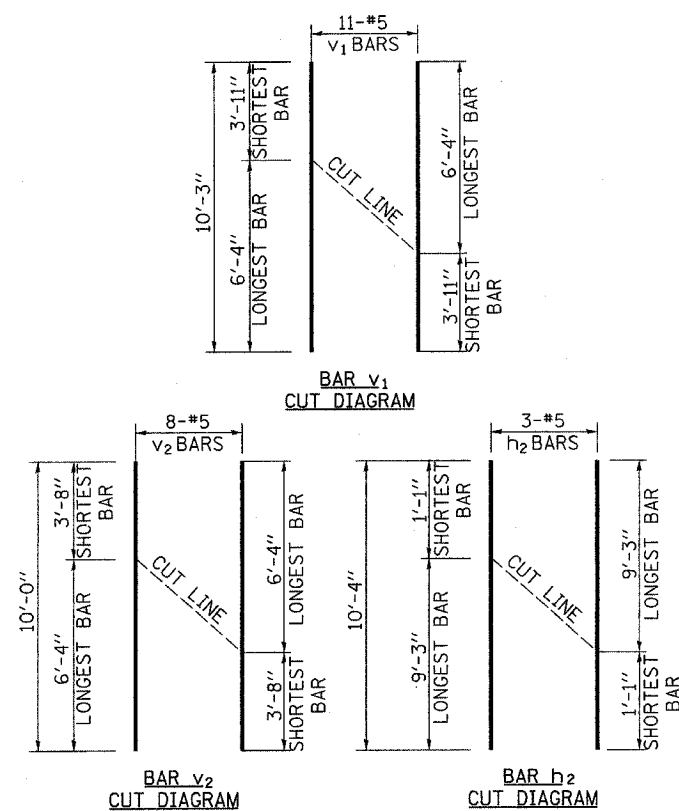
Reinforcement bars shall conform to the requirements of ASTM A 706 Gr. 60 (IL Modified). See Special Provisions.

Steel Plates shall conform to AASHTO M-183 and shall be Galvanized conforming to AASHTO M-111.

Bolts, Nuts, and Washers shall be in accordance with Article 505 of the Standard Specification and shall be galvanized.

See Plan & Profile Sheet for more Information.

See Cross Section Sheet for more Information.



BILL OF MATERIAL

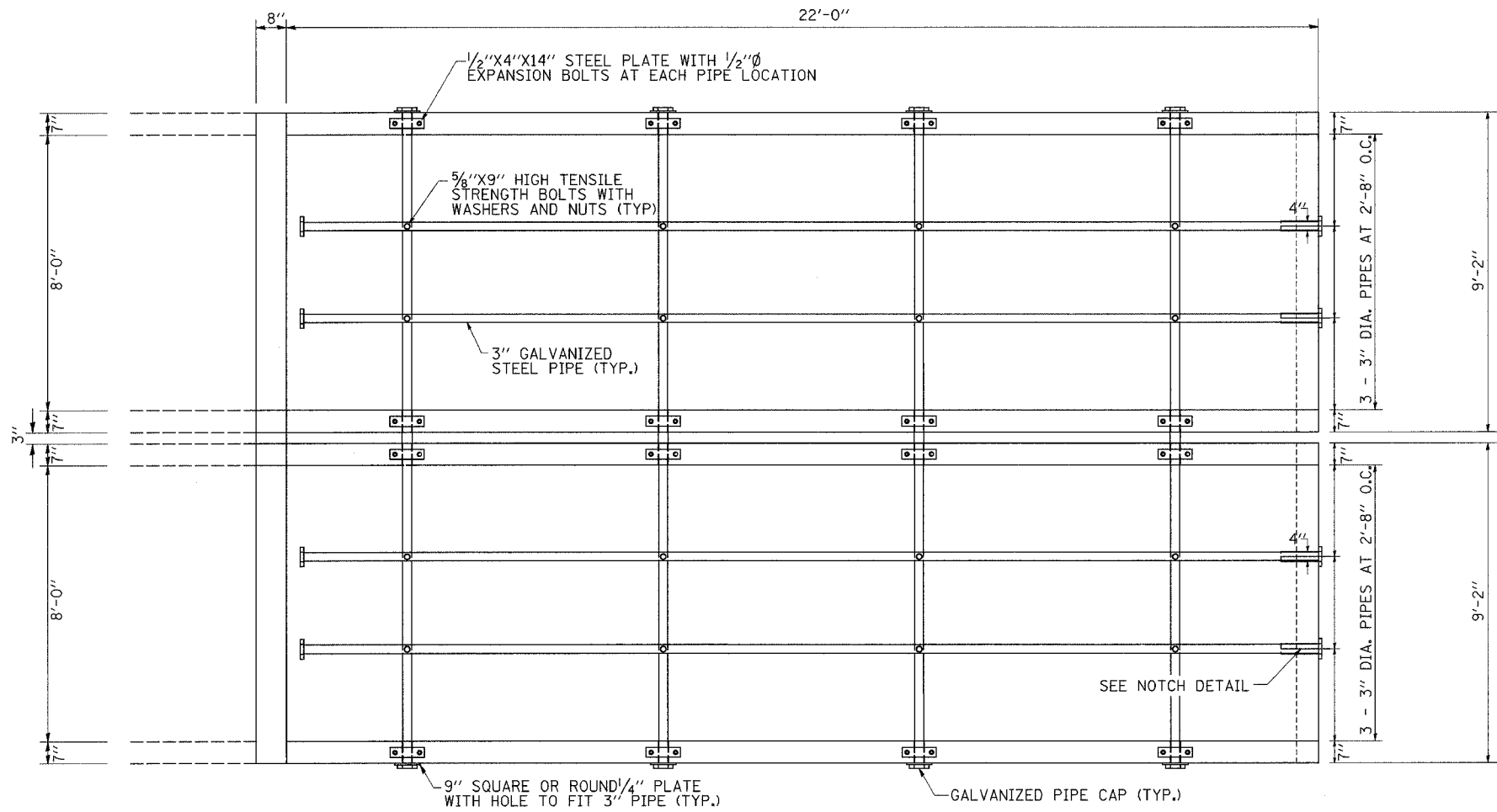
(For Information Only)

BAR	SIZE	NO.	LENGTH	SHAPE	
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f	6	2	12'-9"		
f1	4	4	17'-10"		
g	5	14	2'-0"		
h	5	46	12'-9"		
h1	5	28	16'-5"		
h2	5	6	10'-4"		
h3	5	20	17'-5"		
v	5	44	3'-8"		
v1	5	11	10'-3"		
v2	5	8	10'-0"		
u	5	2	23'-3"		
u1	5	2	22'-9"		
DESCRIPTION			UNIT	QTY	
CONCRETE STRUCTURES			CU YD	14.3	
REINFORCEMENT BARS			LB	2460	
DESCRIPTION				UNIT	QTY.
3.5" GALVANIZED STEEL PIPE				5e	11'-1"
				5e	13'-4"
				5e	5'-11"
3.5" GALVANIZED PIPE CAPS				EACH	30
1/4" GALVANIZED STEEL PLATE (9" NOMINAL)				EACH	15
1/2"x4"x14" GALVANIZED STEEL PLATE				EACH	15
5/8"x9" GALVANIZED STEEL BOLTS				EACH	25

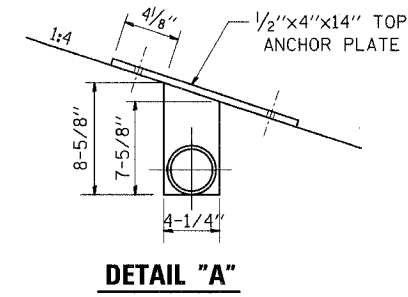
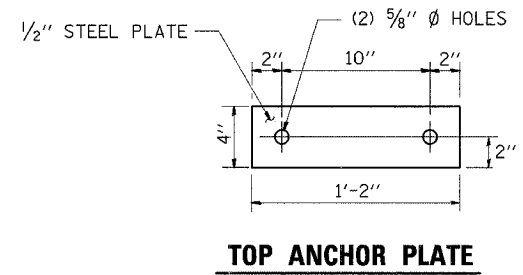
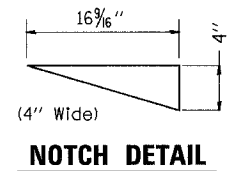
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BOX CULVERT END SECTION NO.3 STA. 277 + 15

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(110,111)T	LEE	59	27
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



PLAN VIEW

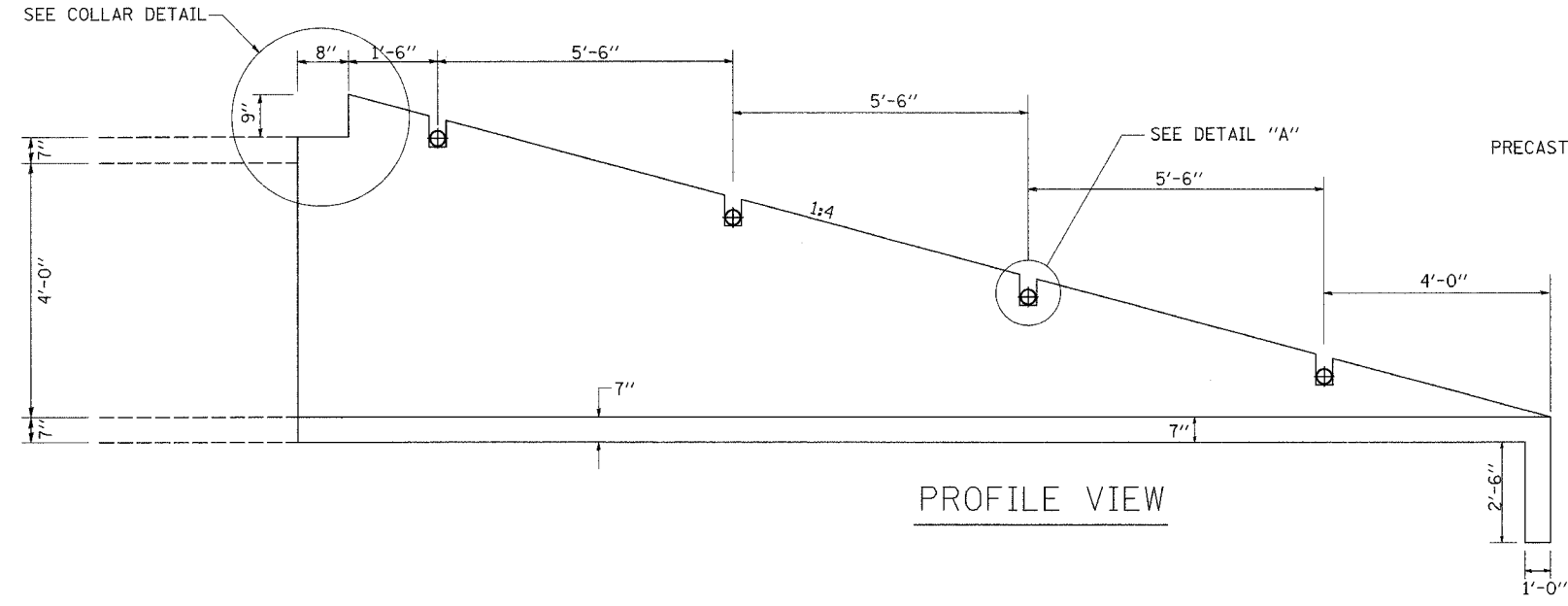
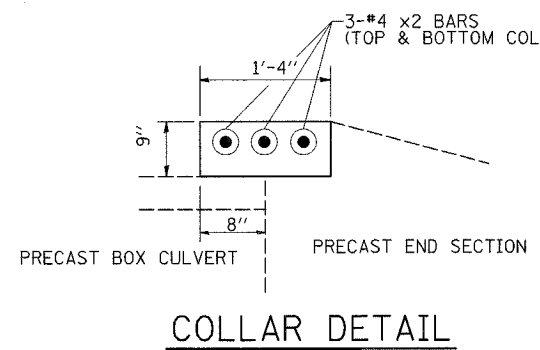


BILL OF MATERIALS
(For Information Only)

DESCRIPTION	UNIT	QTY.
3" Galvanized Steel Pipe	4e	18'-9"
3" Galv Pipe Caps	EACH	16
1/4" Galv. Stl. Plate (9" Nominal)	EACH	8
1/2" x 4" x 14" Galv. Steel Plate	EACH	4
5/8" x 9" Galv. Steel Bolts	EACH	16
Expansion Bolts 1/2" Ø	EACH	32

GENERAL NOTES:

- Slope flow line of the extension at the same rate as the flow line of the box.
- Bolts, Nuts, and Washers shall be in accordance with Article 1006.08 of the standard specifications and shall be galvanized.
- The contract unit price "Each" for Box Culvert End Section No. 3 shall be of precast construction and shall include the expansion bolts, galvanized pipes, class SI Concrete, Bolts, Nuts, Reinforcement, washers, and steel plates.
- The contractor has the option of using Cast-In-Place and must provide us with shop drawings for review.
- All labor and material required for the construction of the connection collar shall be included in the bid item "PRECAST CONCRETE BOX CULVERT 8'x4'".
- Steel pipes shall conform to A.S.T.M. A-53 (Type E or S) Grade B, Schedule 40, and shall be galvanized conforming to A.S.T.M. A-120. Contractor shall field verify pipe length.
- Steel Plates shall conform to AASHTO M-183 and shall be galvanized conforming to AASHTO M-111.
- SEE PLAN AND PROFILE SHEET FOR MORE INFORMATION
SEE CROSS SECTION SHEET FOR MORE INFORMATION

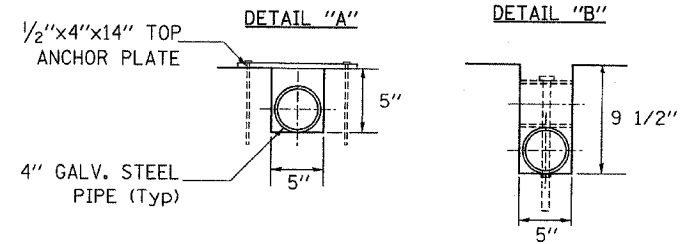


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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DROP BOX NO. 3

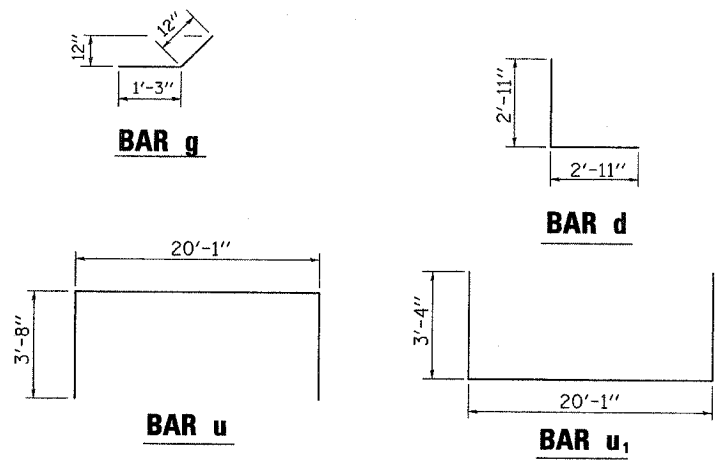
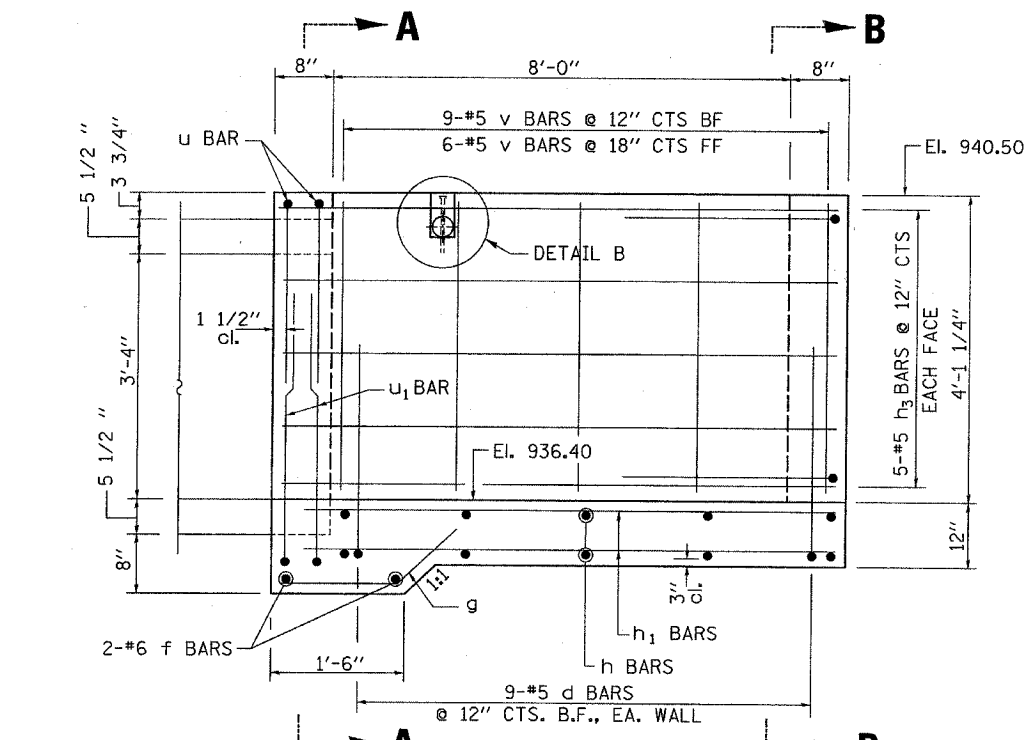
LT STA 277+15



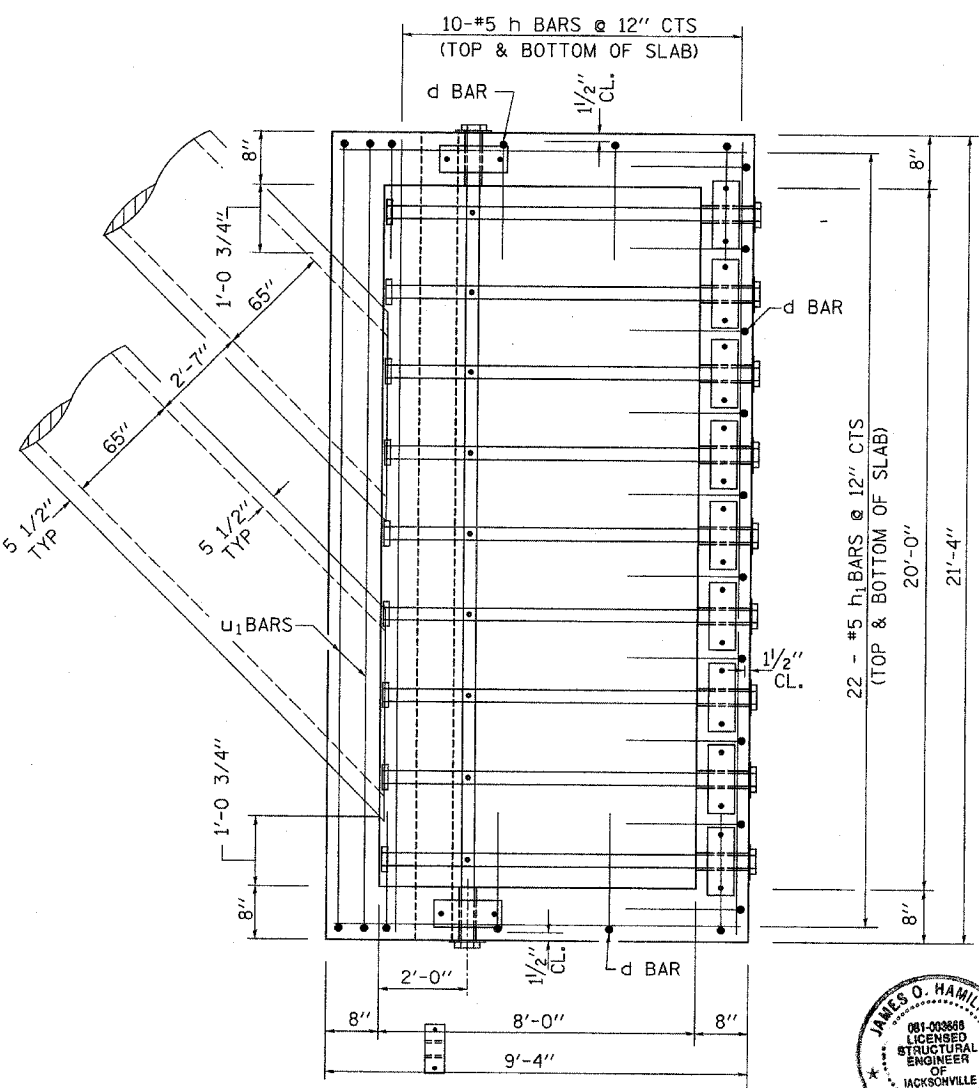
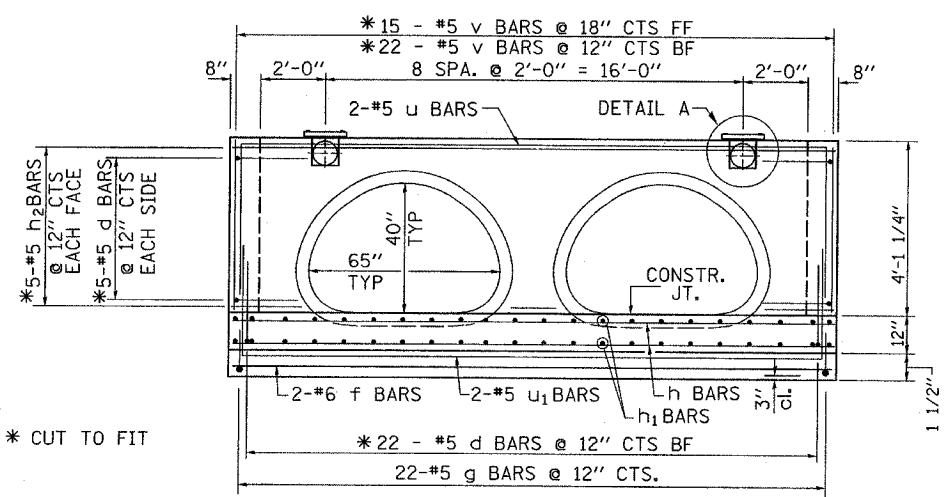
BILL OF MATERIAL

(For Information Only)

BAR	SIZE	NO.	LENGTH	SHAPE
d	5	82	5'-10"	┌
f	6	2	21'-1"	—
g	5	22	2'-3"	┌
h	5	20	21'-1"	—
h1	5	44	9'-1"	—
h2	5	20	21'-1"	—
h3	5	20	9'-1"	—
v	5	104	3'-10"	—
u	5	2	27'-5"	┌
u1	5	2	26'-9"	┌
DESCRIPTION		UNIT	QTY	
CONCRETE STRUCTURES		CU YD	12.0	
REINFORCEMENT BARS		LB	2,630	
DESCRIPTION		UNIT	QTY.	
4" GALVANIZED STEEL PIPE		1@	21'-8"	
		9@	8'-8"	
4" GALVANIZED PIPE CAPS		EACH	20	
1/4" GALVANIZED STEEL PLATE (9" NOMINAL)		EACH	11	
1/2"x 4"x 14" GALVANIZED STEEL PLATE		EACH	11	
5/8"x 10" GALVANIZED STEEL BOLTS		EACH	9	



SIDEWALLS



BOTTOM SLAB

CUT ARCHED PIPES TO FIT IN FIELD



James O. Hamilton
 2/15/08
 Expires 11/30/08

GENERAL NOTES:

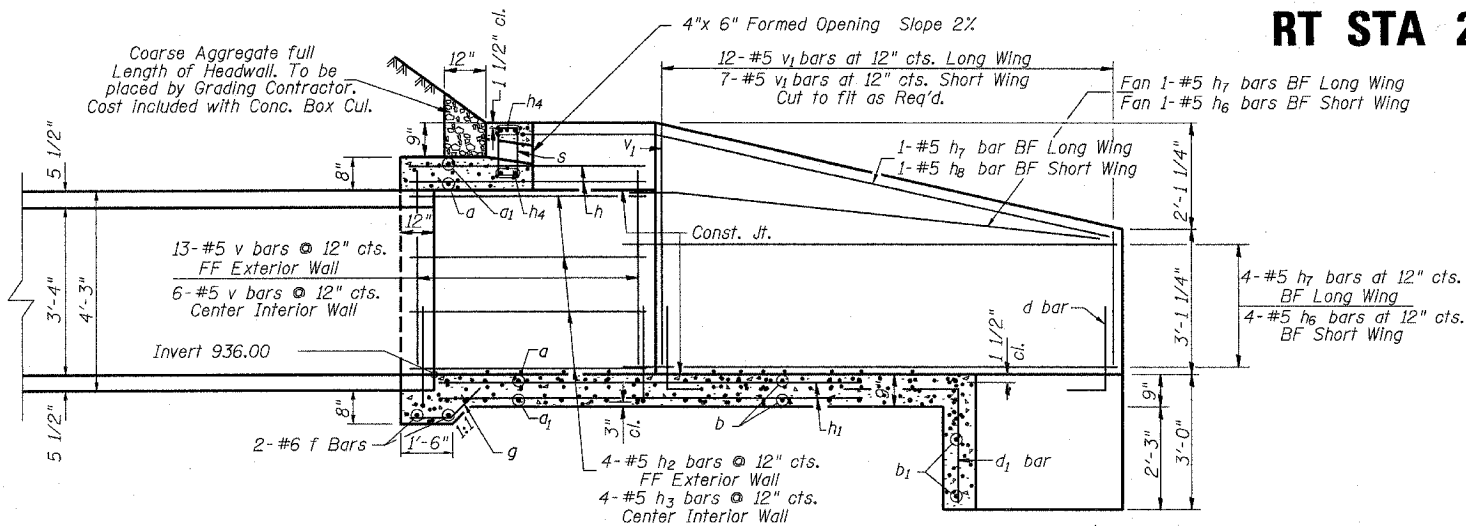
- This work shall be paid for at the contract unit price per Each for Drop Box No. 3.
- This work shall be done according to the applicable portion of 503, 508, and 540 of the Standard Specifications.
- Contractor shall field verify Galvanized pipe length
- Exposed edges shall be beveled 3/4".
- The contract unit price "each" for DROP BOX NO. 3 shall include the Expansion Bolts, Galvanized Pipe, Concrete Structures, Reinforcement Bars, Bolts, Nuts, Washers, Steel Plates, earth excavation where required, and necessary grading to fit the inlet as shown in the cross sections or to the slope
- Reinforcement bars shall conform to the requirements of ASTM A 706 Gr. 60 (IL Modified). See Special Provisions.
- Steel Plates shall conform to AASHTO M-183 and shall be Galvanized conforming to AASHTO M-111.
- Bolts, Nuts, and Washers shall be in accordance with Article 505 of the Standard Specification and shall be galvanized.
- See Plan & Profile Sheet for more information.
- See Cross Section Sheet for more information.

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 PLOT SCALE = 1/8" = 1'-0"
 USER NAME = bmbabel

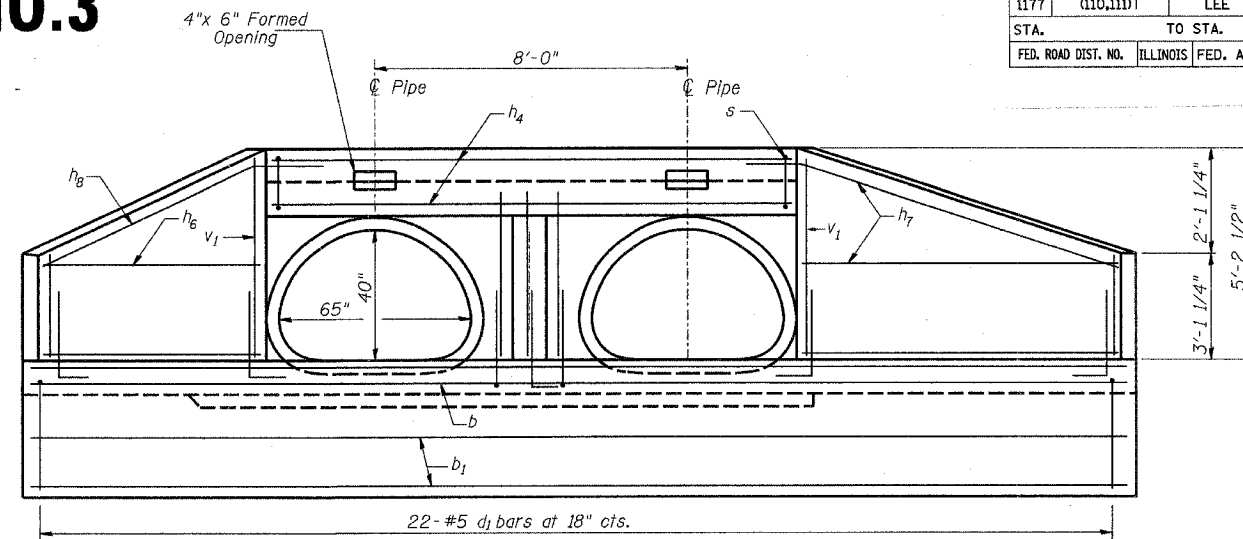
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

END SECTION NO.3

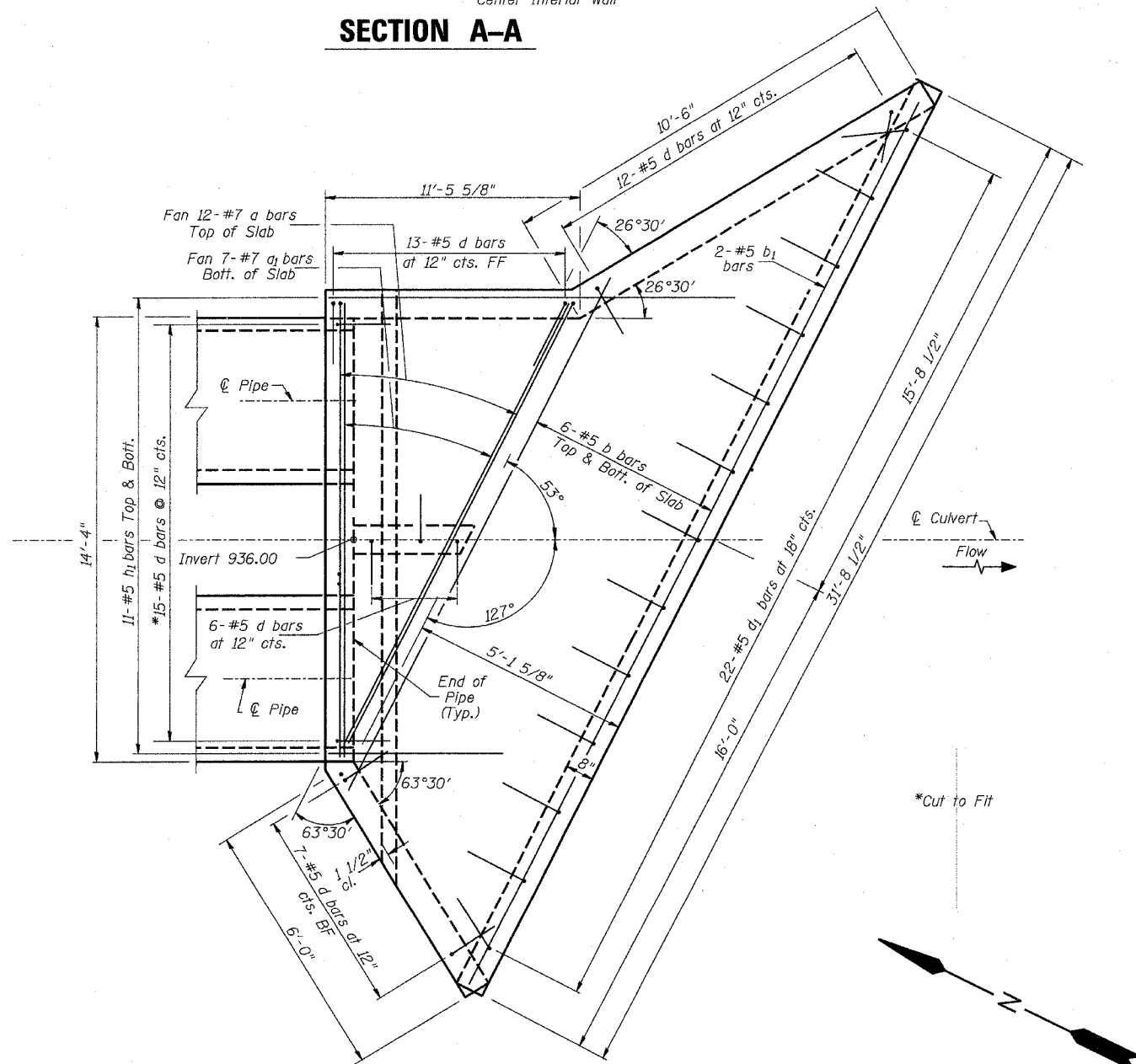
RT STA 277+15



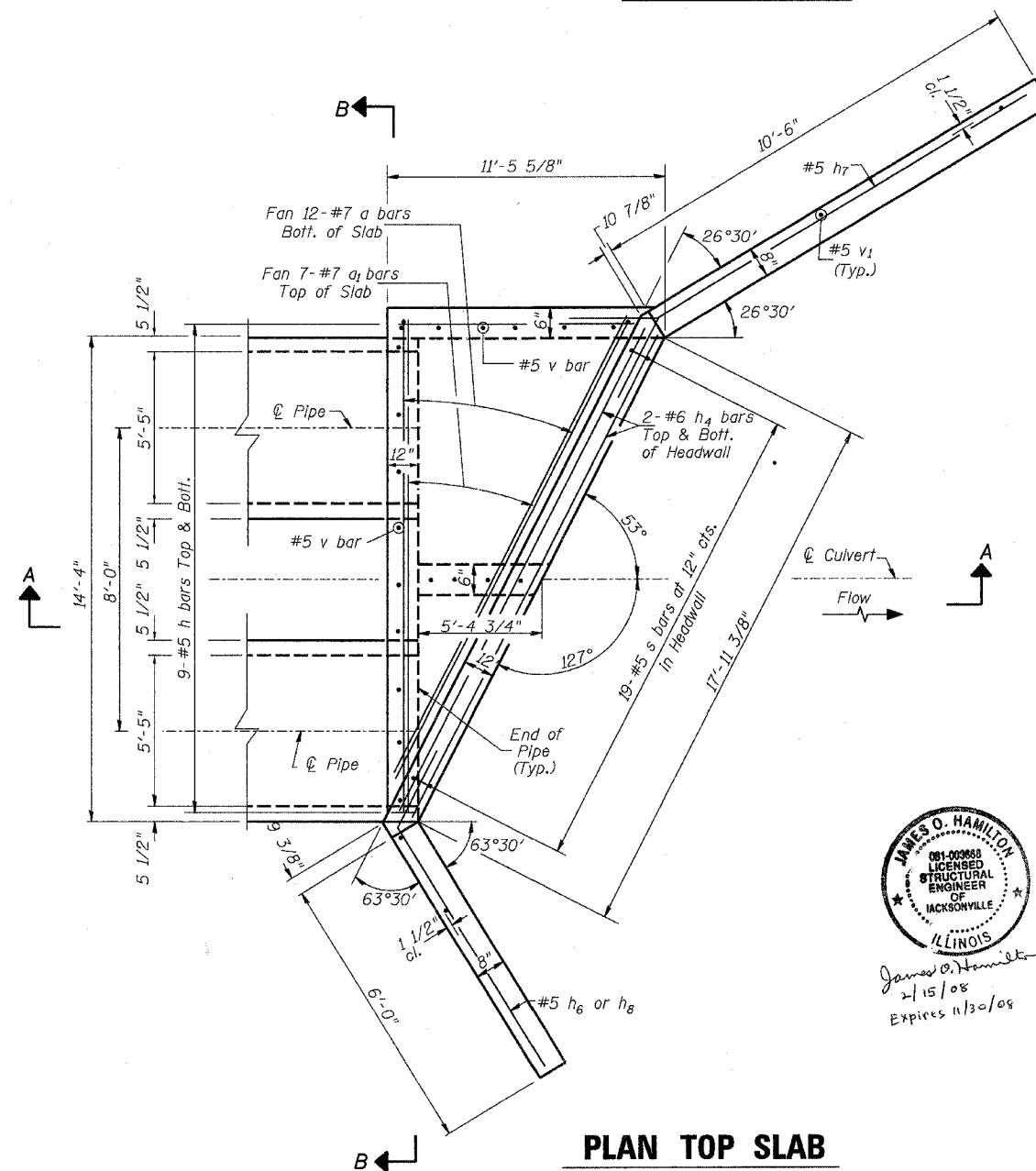
SECTION A-A



END VIEW



PLAN BOTTOM SLAB



PLAN TOP SLAB

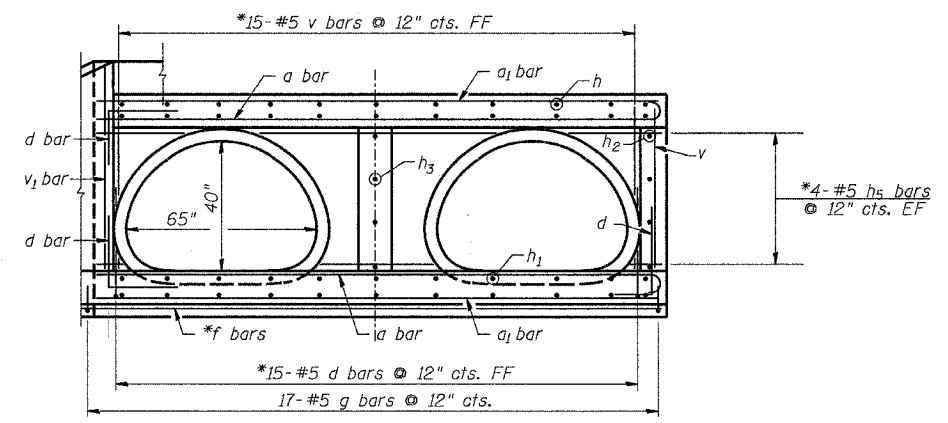
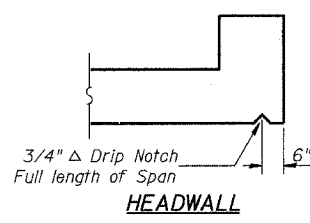


James O. Hamilton
2/15/08
Expires 11/30/08

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(110,111)T	LEE	59	30
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

END SECTION NO.3

RT STA 277+15

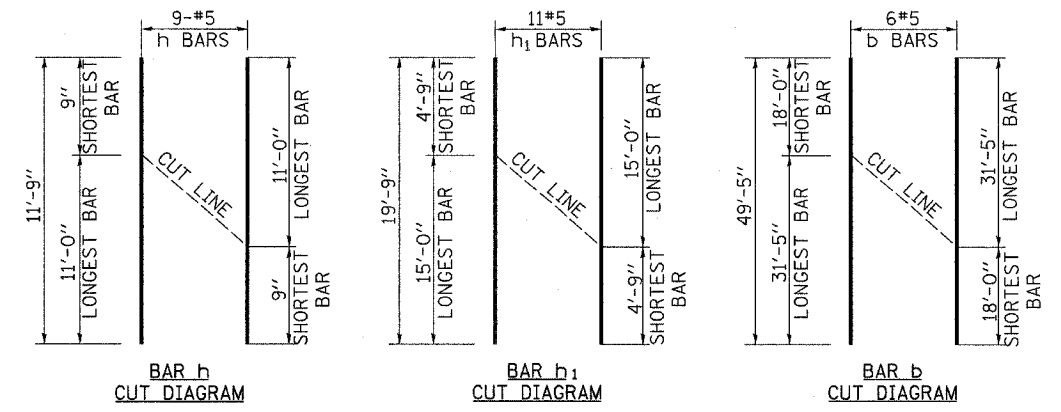
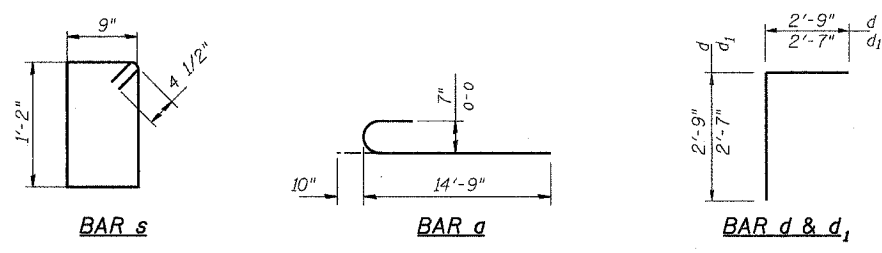
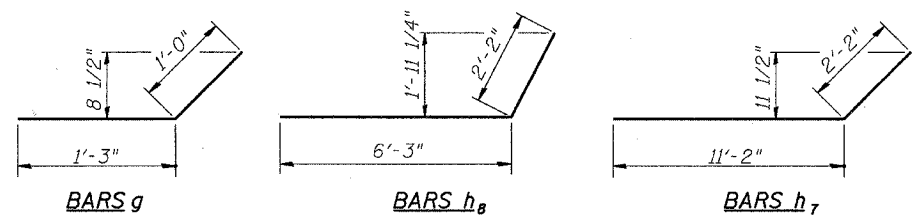


SECTION B-B

*Cut to fit

BILL OF MATERIAL

BAR	SIZE	NO.	LENGTH	SHAPE
a	7	24	15'-7"	—
a1	7	14	14'-9"	—
b	5	6	49'-5"	—
b1	5	2	31'-5"	—
d	6	55	5'-6"	└
d1	5	22	5'-2"	└
f	6	2	17'-0"	—
g	5	17	2'-3"	—
h	5	9	11'-9"	—
h1	5	11	19'-9"	—
h2	5	4	11'-2"	—
h3	5	4	6'-1"	—
h4	6	4	17'-8"	—
h5	5	8	14'-7"	—
h6	5	5	6'-3"	—
h7	5	6	13'-4"	—
h8	5	1	8'-5"	—
v	5	34	4'-2"	—
v1	5	19	5'-0"	—
s	5	19	4'-7"	┘
DESCRIPTION			UNIT	QTY
CONCRETE STRUCTURES			CU YD	15.0
REINFORCEMENT BARS			LB	3,290



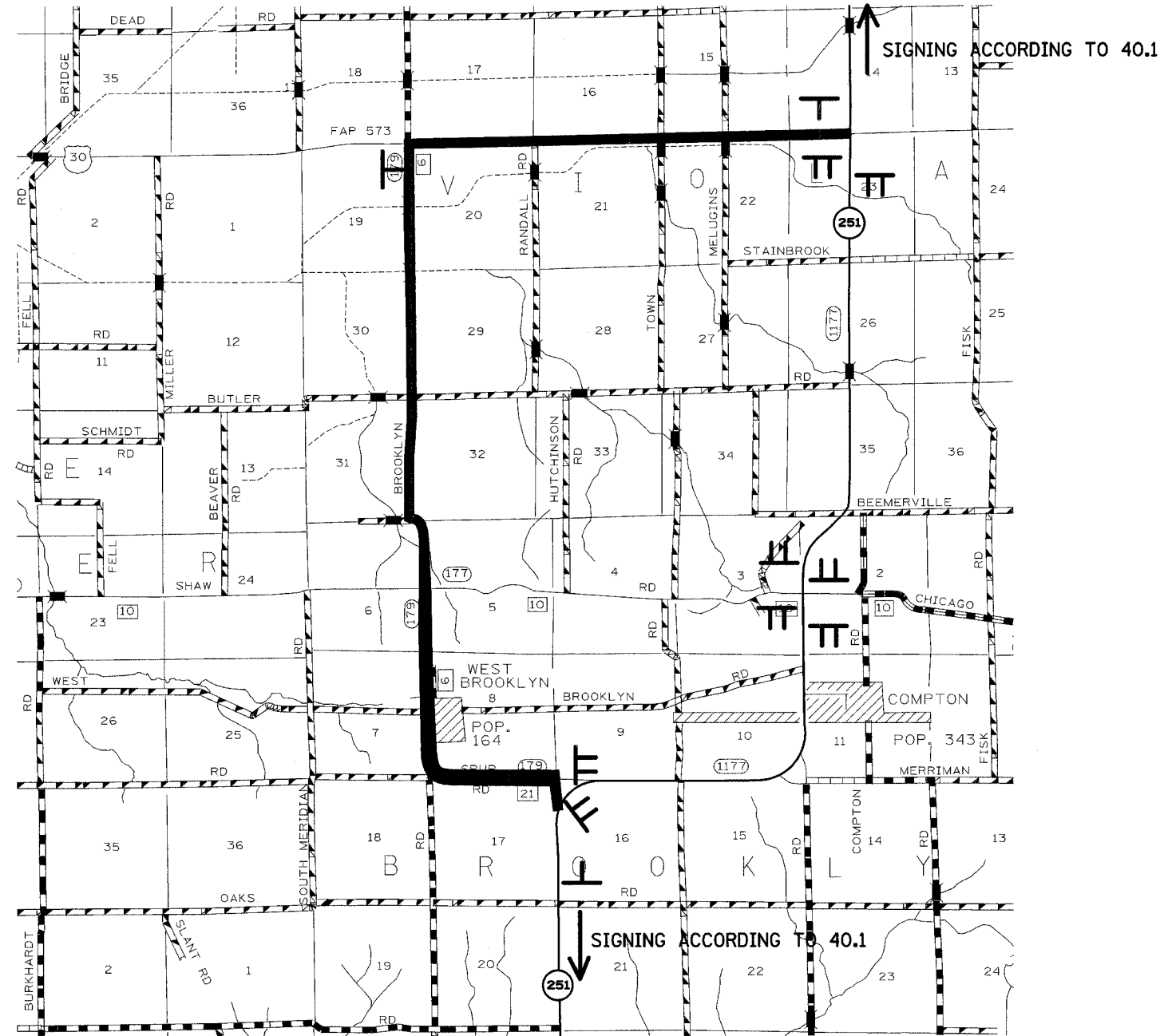
GENERAL NOTES:

This work shall be done according to the applicable portion of 503, 508, and 540 of the Standard Specifications. Exposed edges shall be beveled 3/4". Reinforcement bars shall conform to the requirements of ASTM A 706 Gr. 60 (IL Modified). See Special Provisions. Order h, h₁ & b bars full length and cut to fit in field. Use remainder in opposite face. For backfilling and embankment, See Standard Specifications. All dimensions are in millimeters (mm) unless noted. See Plan & Profile Sheet for more information. See Cross Section Sheet for more information.




PLOT DATE = 2/14/2008
 FILE NAME = V:\B\cgo\2244-15\end0107.out.dgn
 PLOT SCALE = 49.5093 / IN.
 USER NAME = bnel

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(110,111)T	LEE	59	31
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DETOUR ROUTE



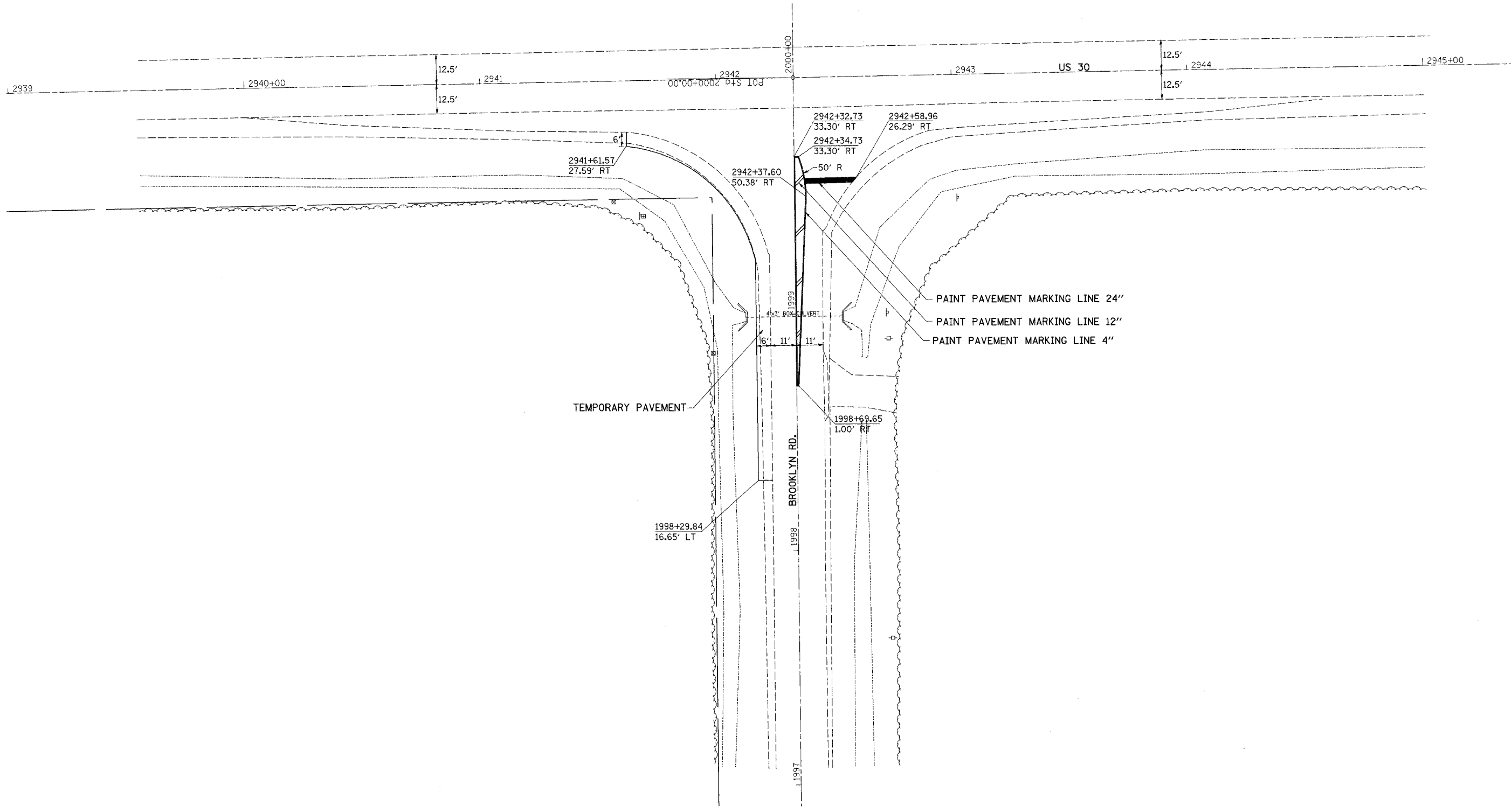
LEGEND

-  DETOUR ROUTE
 -  TYPE III BARRICADES WITH FLASHERS STAGGERED AS SHOWN IN STANDARD 701901.
 -  ROAD CLOSED X MILE(S) SIGN WITH SUPPLEMENTAL PLATES AS REQUIRED IN THE SPECIAL PROVISIONS.
- DEVICES AT SHAW RD. / CHICAGO RD. SHALL ONLY BE REQUIRED IN THE DIRECTION OF THE CLOSURE.
- THIS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER LUMP SUM FOR TRAFFIC CONTROL FOR ROAD CLOSURE.

PLOT DATE = Tue, Feb 28, 19:29:15, 2006
 FILE NAME = 20060227_080107.sp.dgn
 PLOT SCALE = 2429.8775 / IN.
 USER NAME = cuthmanbv

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(110,111)T	LEE	59	32
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

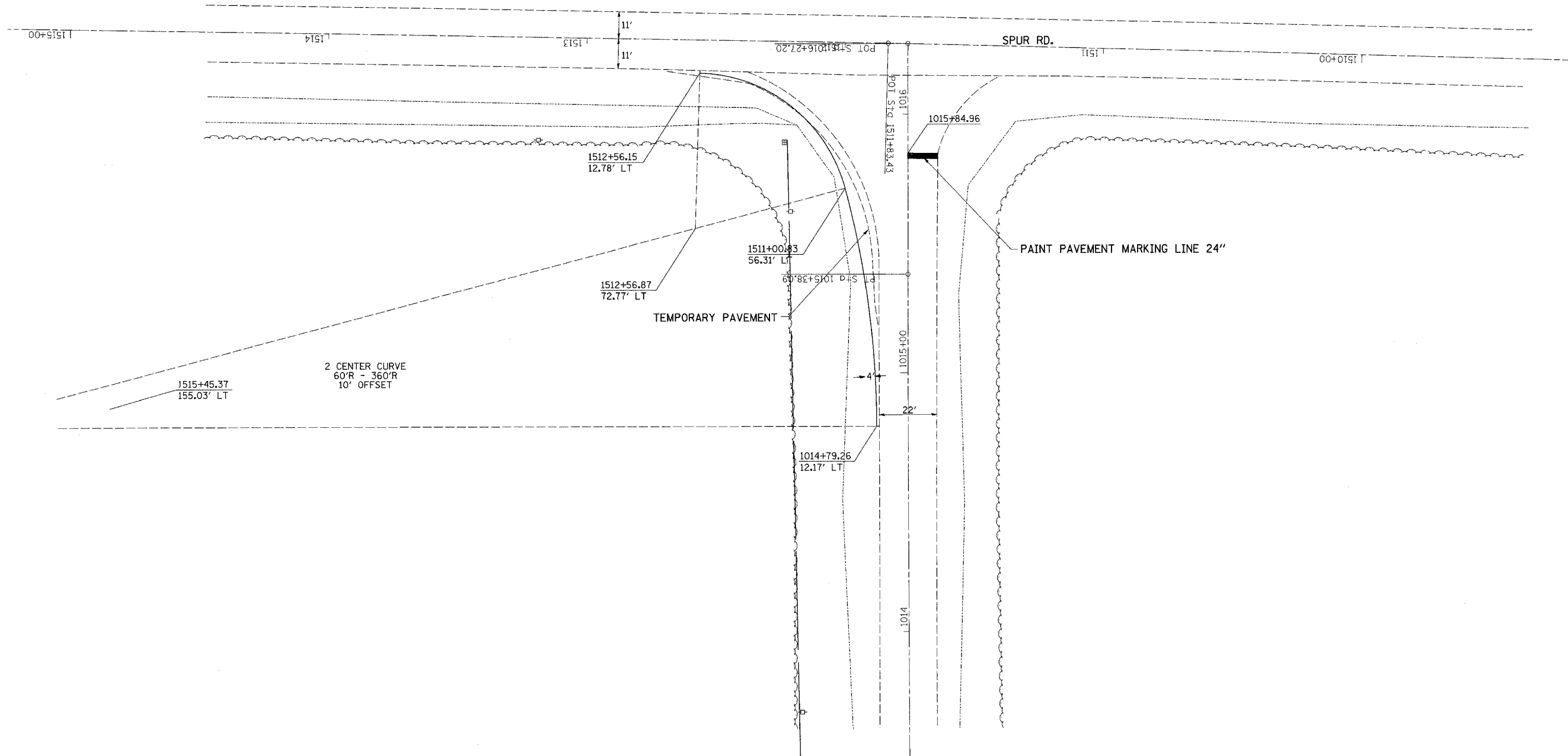
US 30 & BROOKLYN RD.



PLOT DATE = Tue Feb 26 15:35:17 2008
 PLOT NAME = C:\Users\jgarcia\Documents\64C72\110\111T\110111T.dgn
 PLOT SCALE = 20.0000' / IN.
 USER NAME = outmanbx

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(110,111)T	LEE	59	33
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

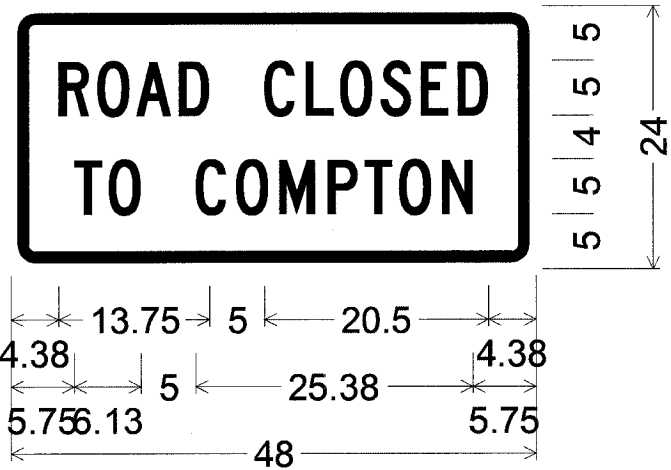
SPUR RD.



PLOT DATE = Tue Feb 26 10:30:17 2008
 FILE NAME = c:\pwork\12280107\12280107.dgn
 USER NAME = c:\pwork\12280107\12280107.dgn

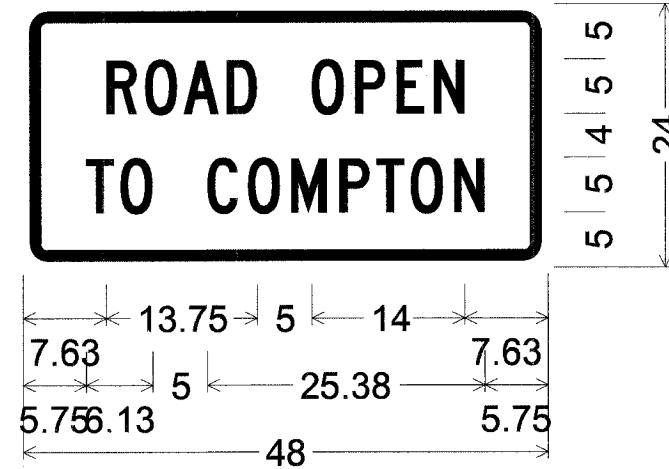
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(110,111)T	LEE	59	34
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SIGNING DETAILS



2.25" Radius, 1.00" Border, 0.63" Indent, Black on Orange;
 [ROAD CLOSED] C 2K;
 [TO COMPTON] C 2K;
 Table of letter and object lefts.

R	O	A	D			
4.38	7.88	11.50	15.38			
C	L	O	S	E	D	
23.13	27.00	30.13	33.75	37.50	40.88	
T	O					
5.75	8.88					
C	O	M	P	T	O	N
16.88	20.63	24.50	28.88	32.38	35.50	39.38




2.25" Radius, 1.00" Border, 0.63" Indent, Black on Orange;
 [ROAD OPEN] C 2K;
 [TO COMPTON] C 2K;
 Table of letter and object lefts.

R	O	A	D			
7.63	11.13	14.75	18.63			
O	P	E	N			
26.38	30.38	34.13	37.63			
T	O					
5.75	8.88					
C	O	M	P	T	O	N
16.88	20.63	24.50	28.88	32.38	35.50	39.38

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(110,111)T	LEE	59	35
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

BORING LOGS



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

Page 1 of 2
Date 6/28/06

ROUTE IL 251 DESCRIPTION P92-001-07 Box culvert on IL 251, 0.5 m. S. of Cottage Hill Road LOGGED BY P. Drezen


SECTION _____ LOCATION Brooklyn Twp. - 32 E. SEC., TWP. 37N. RNG. 1E

COUNTY Lee DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diodrich Automatic

STRUCT. NO. Station	D E L C O P O S I	B L C O S I	U C S I	M O S T T	Surface Water Elev. Stream Bed Elev.	Dry ft 93.00	D E L C O P O S I H S	B L C O S I	U C S I	M O S T T
BORING NO. <u>B-1b</u> Station <u>+20 N</u> Offset <u>12.00R W CL</u> Ground Surface Elev. <u>99.50</u> ft										
MEDIUM brown LOAM			0.5	26.0						
			P		78.00			1.7	14.0	
STIFF brown SILTY LOAM		2								
		3	1.0	24.0						
		4	P		75.50			1.8	13.0	
MEDIUM brown SILTY LOAM										
		1	0.6	37.0						
		3	B		73.00			1.8	11.0	
STIFF gray LOAM										
		1	1.7	16.0						
		4	B		70.50			1.2	14.0	
MEDIUM gray SILTY CLAY with TILL										
		2								
		2	0.8	16.0				1.4	13.0	
		4	B		68.00					
MEDIUM gray fine moist SAND with SILTY CLAY lens										
		2								
		4	0.8	23.0						
		4			65.50					
STIFF gray SILTY CLAY										
		3								
		5	1.5	25.0						
		6	P		63.00			1.7	13.0	
STIFF gray SILTY CLAY										
		3								
		6	1.8	26.0				1.7	9.0	
		6	P		60.50			B		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

Page 2 of 2
Date 6/28/06

ROUTE IL 251 DESCRIPTION P92-001-07 Box culvert on IL 251, 0.5 m. S. of Cottage Hill Road LOGGED BY P. Drezen

SECTION _____ LOCATION Brooklyn Twp. - 32 E. SEC., TWP. 37N. RNG. 1E

COUNTY Lee DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diodrich Automatic

STRUCT. NO. Station	D E L C O P O S I	B L C O S I	U C S I	M O S T T	Surface Water Elev. Stream Bed Elev.	Dry ft 93.00	D E L C O P O S I H S	B L C O S I	U C S I	M O S T T
BORING NO. <u>B-1b</u> Station <u>+20 N</u> Offset <u>12.00R W CL</u> Ground Surface Elev. <u>99.50</u> ft										
STIFF gray SILTY CLAY with TILL										
		3								
		4	1.7	11.0						
		7	B		58.00					
End of Boring										

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

PLOT DATE = Tue Feb 28 18:31:25 2006
 PLOT SCALE = 1:1
 USER NAME = cwhitemb

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SCALE: VERT. HORIZ. DATE
DRAWN BY		CHECKED BY

BORING LOGS

BORING LOGS

CONTRACT NO. 64C72			
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS
1177	010,1117	LEE	59
NO.			37
STA.		TO STA.	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	

SW 1/4 SEC 10; T37N R1E Brooklyn Township
ILLINOIS DEPARTMENT OF TRANSPORTATION
BRIDGE FOUNDATION BORING LOG

Project 991 Box Culvert 1/8 Mile East of Date January 9, 1992
Route IL 251 Carnahan Road Bored By C. Jenkins
Sec SN: 052-1072 STA. 1813+84 Checked By S. Beshears
County Lee Boring No. B-1 Station 1813+74 Offset 12' Lt. C.L.

Ground Surface	EL.	N	Qu	W%	Ground Surface	EL.	N	Qu	W%
968.3	0				968.3	0			
Medium, brown Silt Loam.			0.6	21	Very Stiff, mauve Silty Clay Amboy Till.	7	2.9		11
			P			9	B		
965.8						12			
Stiff, black Silt Loam.	2	1.1		22	Same as above	25			
	2	P				8	2.7		12
	6					12	B		
Same as above	5					16			
	3	1.1		37	Same as above	6	2.7		12
	4	B				11	B		
961.3	5					16			
Medium, black/gray Silty Clay.	2	0.8		30	Same as above	30			
	3	B				7	2.9		12
	4					13	B		
10						18			
Medium, black Silt Loam w/Gravel.	2	0.5		22	No Sample	8			
	2	S				18			
	2					25			
953.8					953.8				
Medium, mauve Silty Clay Till.	3	0.6		14	Stiff, mauve Silty Clay Amboy Till.	5	1.1		13
	5	B				10	B		
	5					11			
953.8					Same as above	4	1.3		15
Very stiff, mauve Silty Clay Amboy Till.	3	2.5		12		6	B		
	5	B				11			
	9				Same as above	40			
Same as above	6	3.7		12		5	1.1		13
	8	B				8	B		
	11					10			
20					926.3				
Same as above	8	2.9		11	Very Stiff, mauve Silty Clay Till.	6	2.7		11
	10	B				7	B		
	13					12			
					924.3				
					END OF BORING				

Project 991 Box Culvert 1/8 Mil E. of Date January 13, 1992
Route IL 251 Carnahan Road Bored By C. Jenkins
Sec SN: 052-1072 STA. 1813+84 Checked By S. Beshears
County Lee Boring No. B-2 Station 1813+93 Offset 13' Rt. C.L.

Ground Surface	EL.	N	Qu	W%	Ground Surface	EL.	N	Qu	W%
968.2	0				968.2	0			
Medium, black Silty Clay.			0.8	25	Very stiff, mauve Silty Clay Amboy Till.	6	3.7		12
			P			9	B		
						12			
Medium, black Silty Clay w/Gravel.	3	0.6		17	Same as above	25			
	3	P				7	3.5		11
	6					8	B		
963.7						11			
Stiff, black Silty Clay.	3	1.0		35	941.2				
	6	B			Stiff, mauve Silty Clay Amboy Till.	5	1.9		12
	6					7	B		
Same as above	4	1.4		26		8			
	6	B			Same as above	30			
	7					5	1.8		12
958.7						11	B		
Medium, tan Silt Loam with Gravel.	1	0.5		17	Same as above	4	1.6		12
	2	B				5	B		
	2					6			
956.2					956.2				
Stiff, mauve Silty Clay Amboy Till.	2	1.0		15	Stiff, mauve Silty Clay Amboy Till.	2	1.7		12
	4	B				6	B		
	5					7			
Same as above.	3	1.2		14	Same as above	3	1.3		13
	5	B				6	B		
	5					7			
Same as above	6	1.3		13	Same as above	40			
	8	B				4	1.5		13
	11					5	B		
20						7			
Same as above	5	1.9		12	Same as above	4	1.9		13
	8	B				5	B		
	11					10			
946.2					946.2				
END OF BORING					END OF BORING				

Type failure: B-Bulge Failure, S-Shear Failure, E-Estimated Value, P-Penetrometer

PLOT DATE = Tue Feb 26 09:31:06 2008
FILE NAME = c:\projects\64c72\borings\borings.dgn
PLOT SCALE = 1/8" = 1'-0"
USER NAME = cshmanb

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SCALE: VERT. HORIZ. DATE DRAWN BY CHECKED BY

BORING LOGS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(110,111)T	LEE	59	38
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

BORING LOGS

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation D-2

SOIL BORING LOG

Page 1 of 2
Date 6/28/06

ROUTE IL 251 DESCRIPTION P92-001-07 Box culvert on IL 251, 0.2 m. E. of Carnahan Road LOGGED BY P. Drezen

SECTION _____ LOCATION Brooklyn Twp. - 10 SW, SEC., TWP. 37N, RNG. 1E

COUNTY Lee DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO. 052-1071 D E L C O I S T H S Qu T
Station _____ P O S I S T H S Qu T

BORING NO. B-1c D B U M
Station +30 E H S Qu T
Offset 11.00ft N CL
Ground Surface Elev. 100.20 ft (ft) (/6") (tsf) (%)

Soil Description	Depth (ft)	Penetration (6")	Blow Count (tsf)	Penetration (%)	Soil Description	Depth (ft)	Penetration (6")	Blow Count (tsf)	Penetration (%)
Surface Water Elev.					STIFF brown SILTY CLAY with TILL	2			
Stream Bed Elev.	92.00					4	1.7	12.0	
Groundwater Elev.:						7	B		
First Encounter						78.70			
Upon Completion	Dry								
After	Hrs.								
MEDIUM brown LOAM			1.0	23.0					
			P						
	97.70								
MEDIUM black LOAM			2	35.0					
			3	P					
	96.20								
MEDIUM black SILTY LOAM with ORGANICS			1	34.0					
			3	P					
	93.70								
VERY STIFF brown LOAM with TILL and ORGANICS			1	13.0					
			4	P					
	91.20								
VERY STIFF brown SILTY LOAM			4	13.0					
			5	2.5					
	88.70		21	B					
STIFF brown SILTY CLAY with TILL			3	13.0					
			4	1.2					
	86.20		6	B					
STIFF brown SILTY CLAY with TILL			2	12.0					
			4	1.2					
	83.70		5	B					
STIFF brown SILTY CLAY with TILL			3	14.0					
			4	1.2					
	81.20		6						

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation D-2

SOIL BORING LOG

Page 2 of 2
Date 6/28/06

ROUTE IL 251 DESCRIPTION P92-001-07 Box culvert on IL 251, 0.2 m. E. of Carnahan Road LOGGED BY P. Drezen

SECTION _____ LOCATION Brooklyn Twp. - 10 SW, SEC., TWP. 37N, RNG. 1E

COUNTY Lee DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO. 052-1071 D E L C O I S T H S Qu T
Station _____ P O S I S T H S Qu T

BORING NO. B-1c D B U M
Station +30 E H S Qu T
Offset 11.00ft N CL
Ground Surface Elev. 100.20 ft (ft) (/6") (tsf) (%)

Soil Description	Depth (ft)	Penetration (6")	Blow Count (tsf)	Penetration (%)	Soil Description	Depth (ft)	Penetration (6")	Blow Count (tsf)	Penetration (%)
VERY STIFF brown SILTY CLAY with TILL			4	12.0					
			6	2.3					
			10	B					
	58.70								
End of Boring									

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

PLOT DATE = Tue Feb 28 10:51:27 2006
 PLOT SCALE = 50.0000 IN.
 USER NAME = cwhinamba

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	

SCALE: VERT. _____
HORIZ. _____


DATE _____

DRAWN BY _____
CHECKED BY _____

BORING LOGS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(110,111)T	LEE	59	39
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

BORING LOGS



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation D-2

SOIL BORING LOG

Page 1 of 1
Date 6/28/06

ROUTE IL 251 DESCRIPTION P92-001-07 Box culvert on IL 251, 0.2 m. E. of Camahan Road LOGGED BY P. Drezon

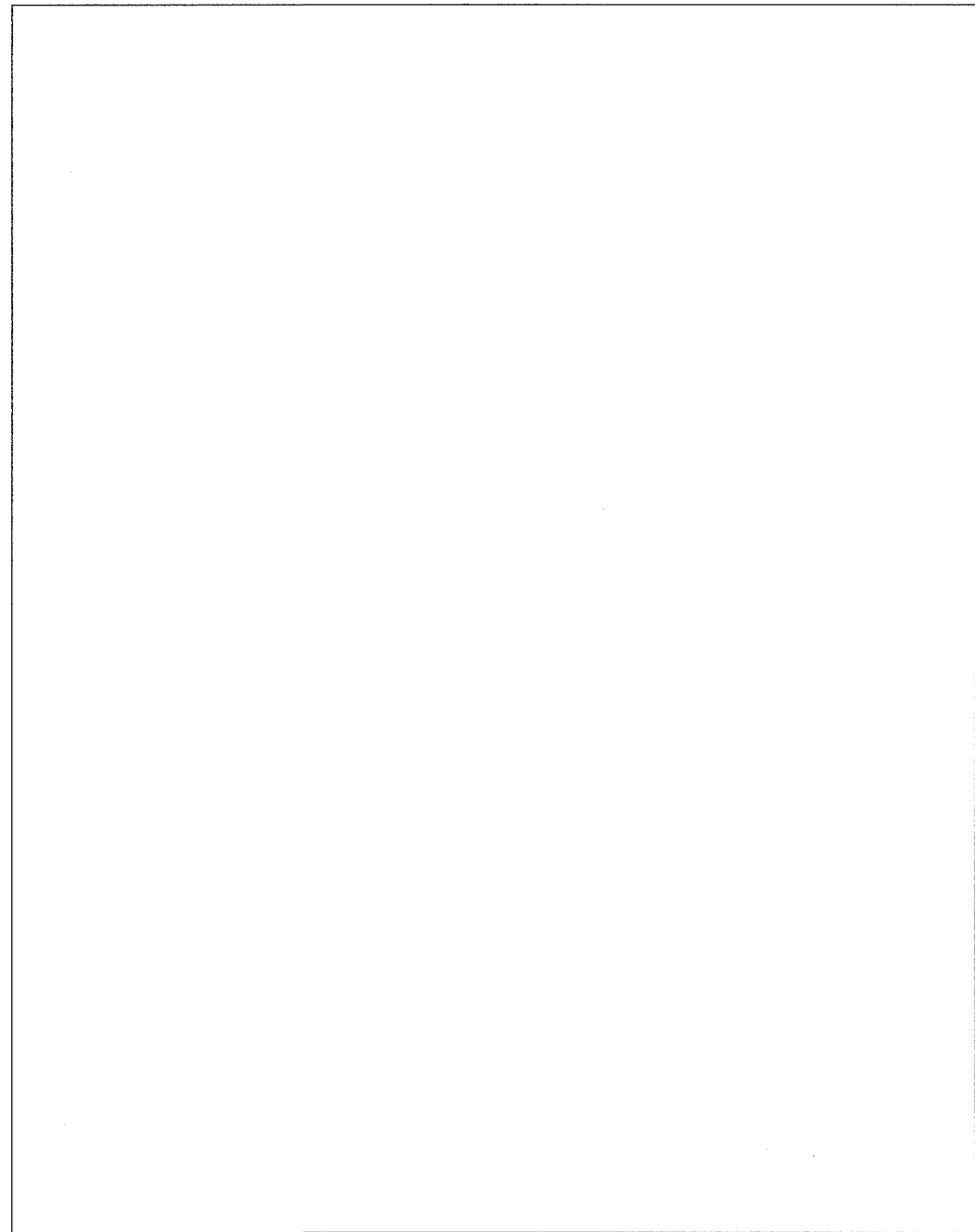
SECTION _____ LOCATION Brooklyn Twp. - 10 SW, SEC., TWP. 37N, RNG. 1E

COUNTY Lee DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diederich Automatic

STRUCT. NO.	Station	D E P T H ft	B L O W S Qu	U C S (tsf)	M O I S T (%)	Description	Elev. ft	D E P T H ft	B L O W S Qu	U C S (tsf)	M O I S T (%)
		96.50				STIFF brown LOAM					
			1.5	14.0		TILL		2			
			P				75.00	5	1.8	13.0	
								7	B		
		94.00	4			VERY STIFF brown/black LOAM					
			4	2.3	33.0	TILL		3			
		92.50	6	B			72.50	4	1.2	12.0	
								8	B		
			1			VERY STIFF brown LOAM with TILL					
			2	2.3	14.0	TILL		4			
		90.00	2	B			70.00	6	2.1	12.0	
								8	B		
			1			VERY SOFT brown moist SANDY LOAM					
			1	0.1	23.0	TILL		5			
		87.50	2	P			67.50	7	2.0	11.0	
								10	B		
			3			VERY STIFF brown SILTY CLAY with TILL					
			4	2.1	13.0	TILL		4			
		85.00	7	B			65.00	7	1.7	12.0	
								10	B		
			4			STIFF brown SILTY CLAY with TILL					
			4	1.8	13.0	TILL		7			
		82.50	6	B			62.50	8	2.7	11.0	
								12	B		
			4			STIFF brown SILTY CLAY with TILL					
			4	1.7	13.0	TILL		5			
		80.00	7	B			60.00	9	1.8	12.0	
								11	B		
			4			STIFF brown SILTY CLAY with TILL					
			5	1.7	13.0	TILL		6			
		77.50	7	B			57.50	9	2.1	13.0	
								11	B		
						End of Boring					

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)



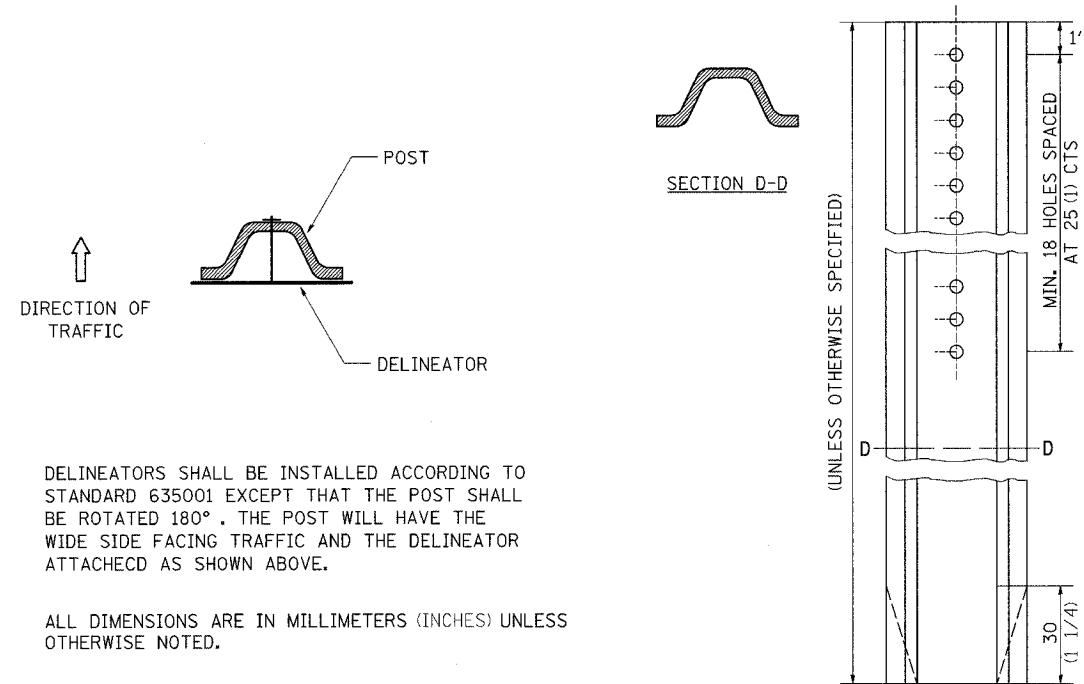
DATE: Tue Feb 26 10:31:23 2008
 PLOT SCALE: 1"=50.0000' / IN.
 USER NAME: cshammbx

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SCALE: VERT. _____ HORIZ. _____ DATE _____

BORING LOGS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(110,111)T	LEE	59	41
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DELINEATOR AND POST ORIENTATION



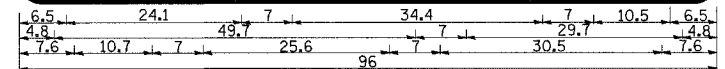
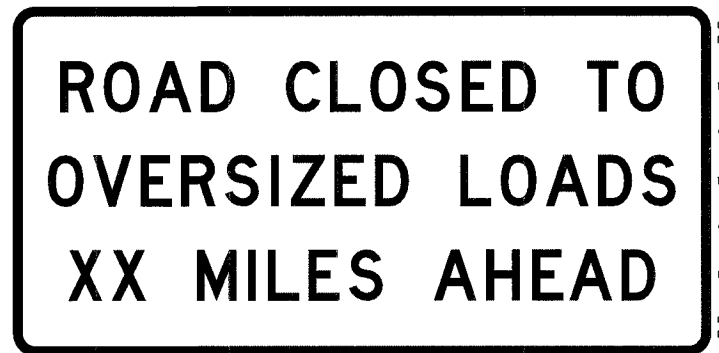
DELINEATORS SHALL BE INSTALLED ACCORDING TO STANDARD 635001 EXCEPT THAT THE POST SHALL BE ROTATED 180°. THE POST WILL HAVE THE WIDE SIDE FACING TRAFFIC AND THE DELINEATOR ATTACHECD AS SHOWN ABOVE.

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

REVISED - 11-01-07

DELINEATOR AND POST ORIENTATION 37.4

ROAD CLOSED TO OVERSIZED LOADS



Permit Loads - Loads Over 13 Feet; 3.0" Radius; 1.3" Border, Black on Orange; [ROAD CLOSED TO] D; [OVERSIZED LOADS] D; [XX MILES AHEAD] D; Table of letter and object lefts.

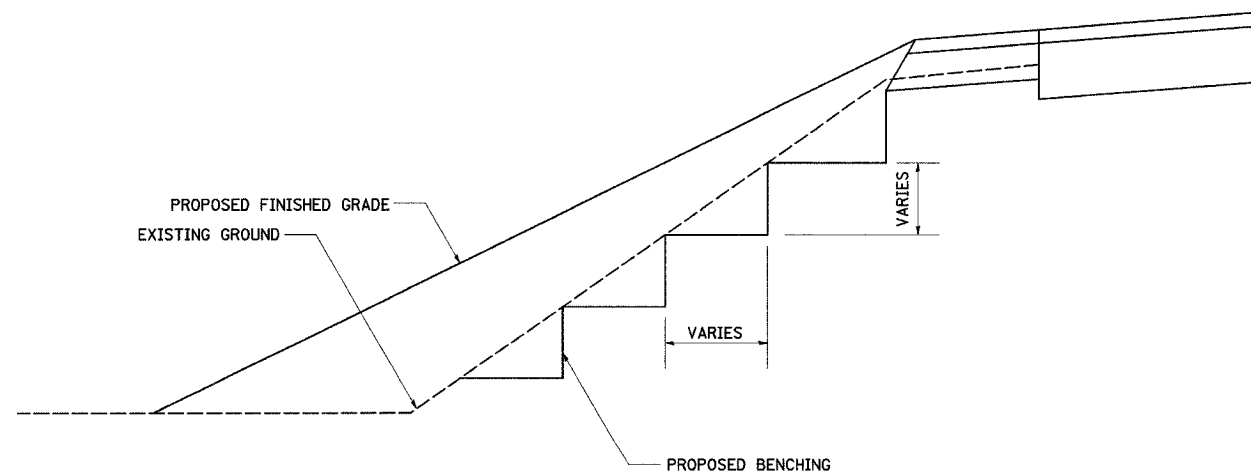
R	D	A	D	C	L	D	S	E	D	T	O		
8.5	12.5	18.7	25.9	37.6	43.6	48.2	55.4	61.8	67.3	79.0	84.6		
O	V	E	R	S	I	Z	E	D	L	O	A	D	S
4.8	11.0	17.6	23.1	29.2	35.5	38.2	44.3	49.8	61.5	67.1	73.3	80.5	86.5
X	X	M	I	L	E	S	A	H	E	A	D		
7.6	13.8	25.3	32.3	35.1	40.6	46.2	57.9	65.1	71.4	76.6	83.7		

All work to furnish and install these signs shall be included in the cost of the Traffic Control Standards and shall not be paid for separately.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

ROAD CLOSED TO OVERSIZED LOADS 40.4

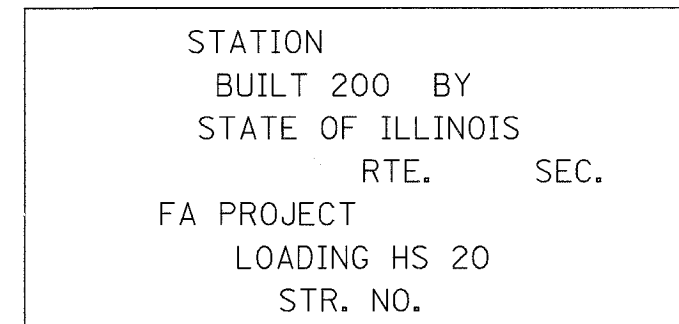
TYPICAL BENCHING ON EXISTING EMBANKMENT



TYPICAL BENCHING ON EXISTING EMBANKMENT 50.4

PLOT DATE = Tue Feb 26 12:38:11 2008
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 PLOTTER = HPGL/IN
 REFERENCE = AREF

LETTERING FOR NAME PLATE



SEE STD. 515001

STATION	STRUCTURE NO.
28+64	052-1104
261+58	052-1103
277+15	052-1102
528+47	052-1101

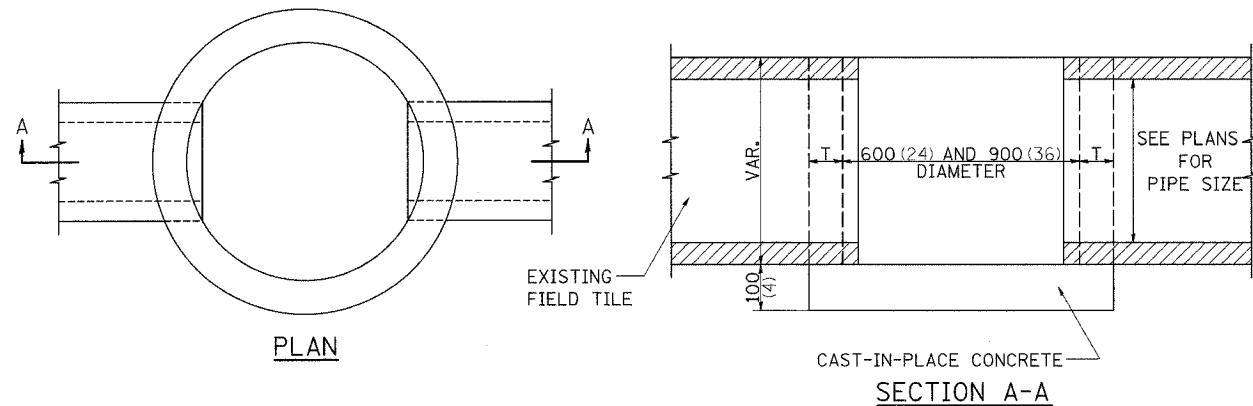
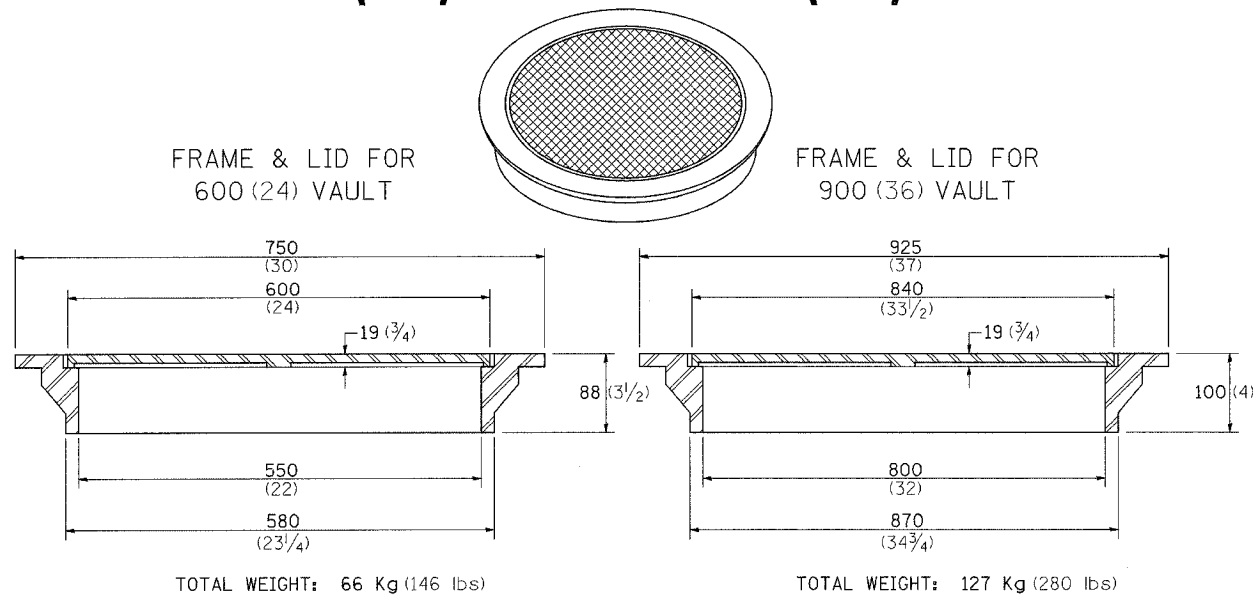
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

REVISED - 11-01-07

LETTERING FOR NAME PLATE 89.4

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(110,111)T	LEE	59	43
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

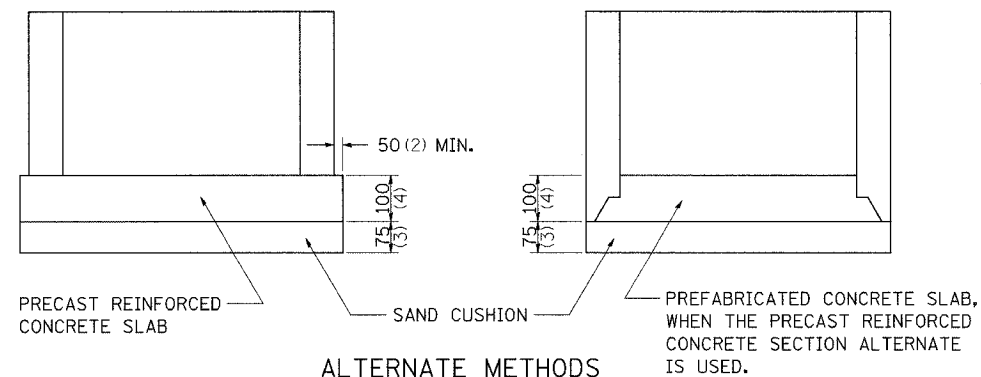
FIELD TILE JUNCTION VAULTS 600 (24) AND 900 (36) DIA.



ALTERNATE MATERIALS FOR WALLS	T
BRICK MASONRY	200 (8)
CAST-IN-PLACE CONCRETE	150 (6)
CONCRETE MASONRY UNIT	125 (5)
PRECAST REINFORCED CONCRETE SECTION	75 (3)

NOTE: THE FRAME AND LID IS REQUIRED ON ALL JUNCTION VAULTS.

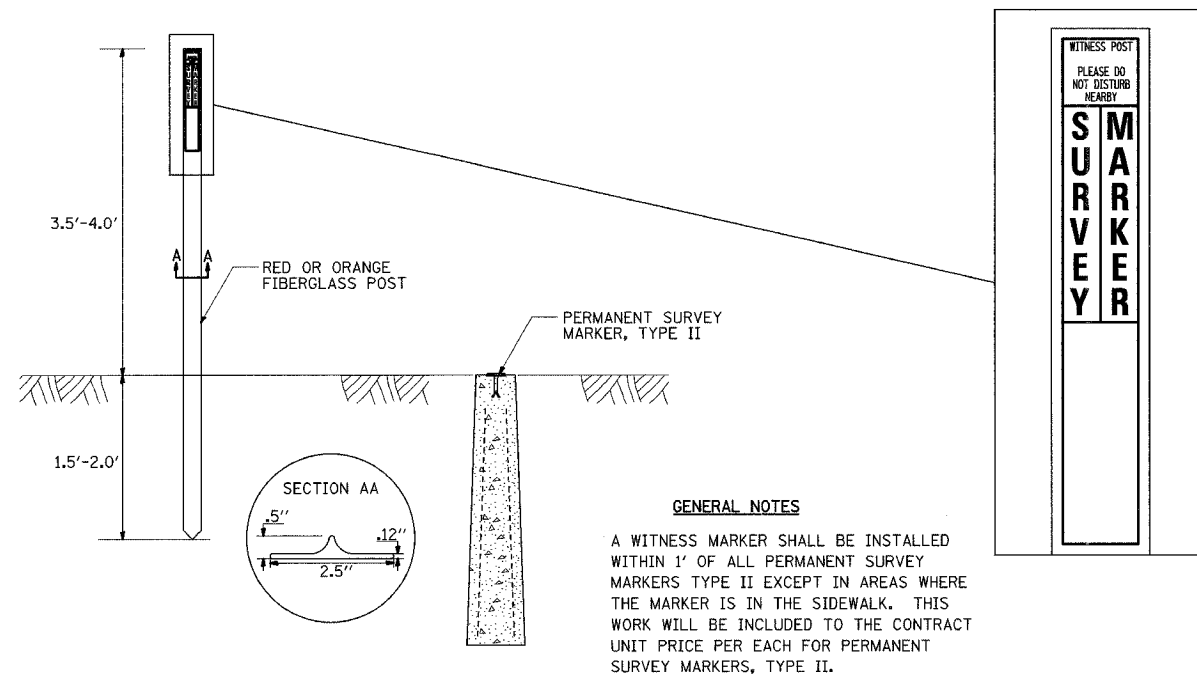
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.



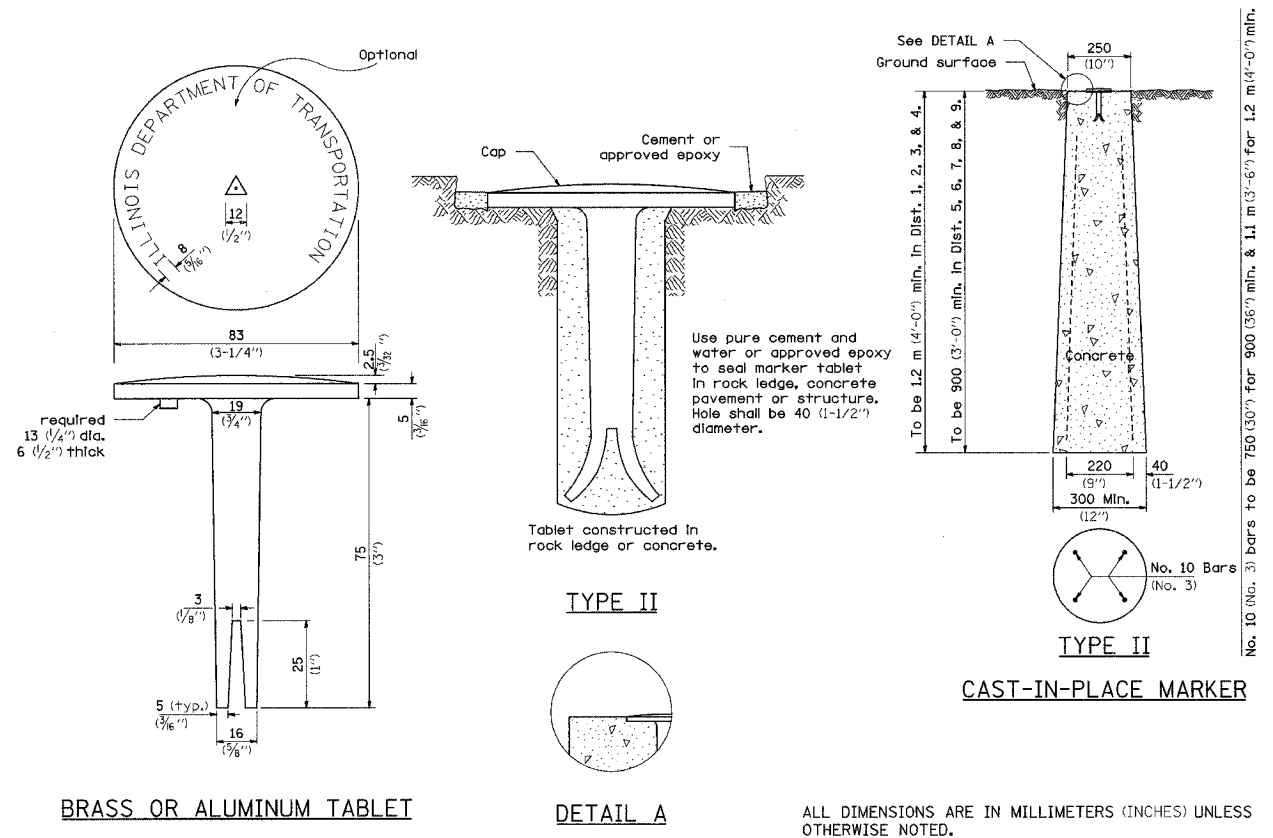
REVISED - 5-03-94

FIELD TILE JUNCTION VAULTS 600 (24) AND 900 (36) DIA. 30.2

WITNESS MARKER FOR PERMANENT SURVEY MARKERS, TYPE II



PERMANENT SURVEY MARKERS, TYPE II



REVISED - 6-26-06

WITNESS MARKER & PERMANENT SURVEY MARKERS, TYPE II 66.2

PLT DATE = Tue Feb 28 15:38:41 2006
FILE NAME = S:\2006\1177\64C72\7\7.tbl.dgn
PLOT SCALE = 50.0000 1/1 IN.
REFERENCE = MREF*

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(110,111)T	LEE	59	44
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 REMOVAL AND REPLACEMENT OF 4 CULVERTS

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) 4.63 ACRES
 PROPOSED R.O.W (TOTAL PARCEL AREA) 1.27 ACRES
 DISTURBED BY EXCAVATION (E.O.P TO CONSTRUCTION LIMIT) 3.57 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

BIG BUREAU CREEK

GREEN 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.

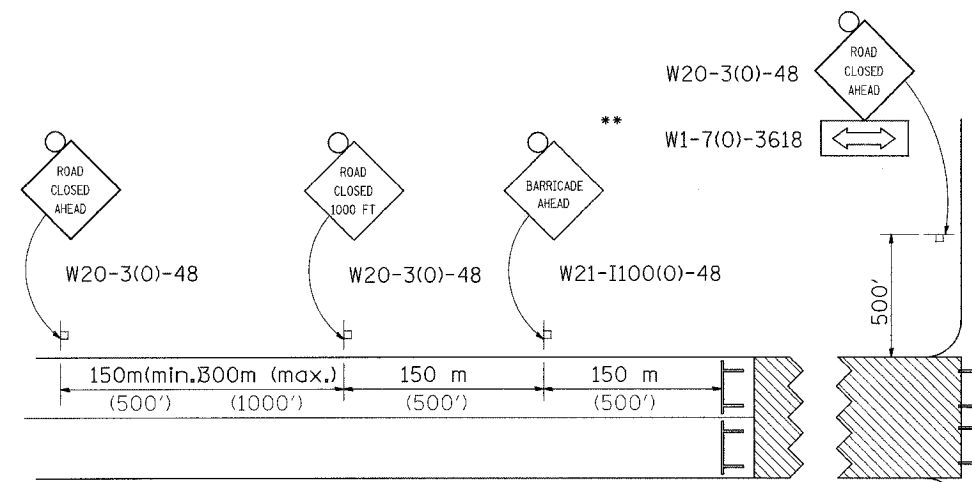
MAINTENANCE AFTER FINAL GRADING

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 SEEDER 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 RESEEDER.

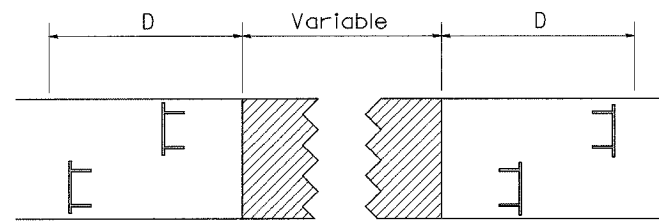
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 REFERENCE = AREA

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

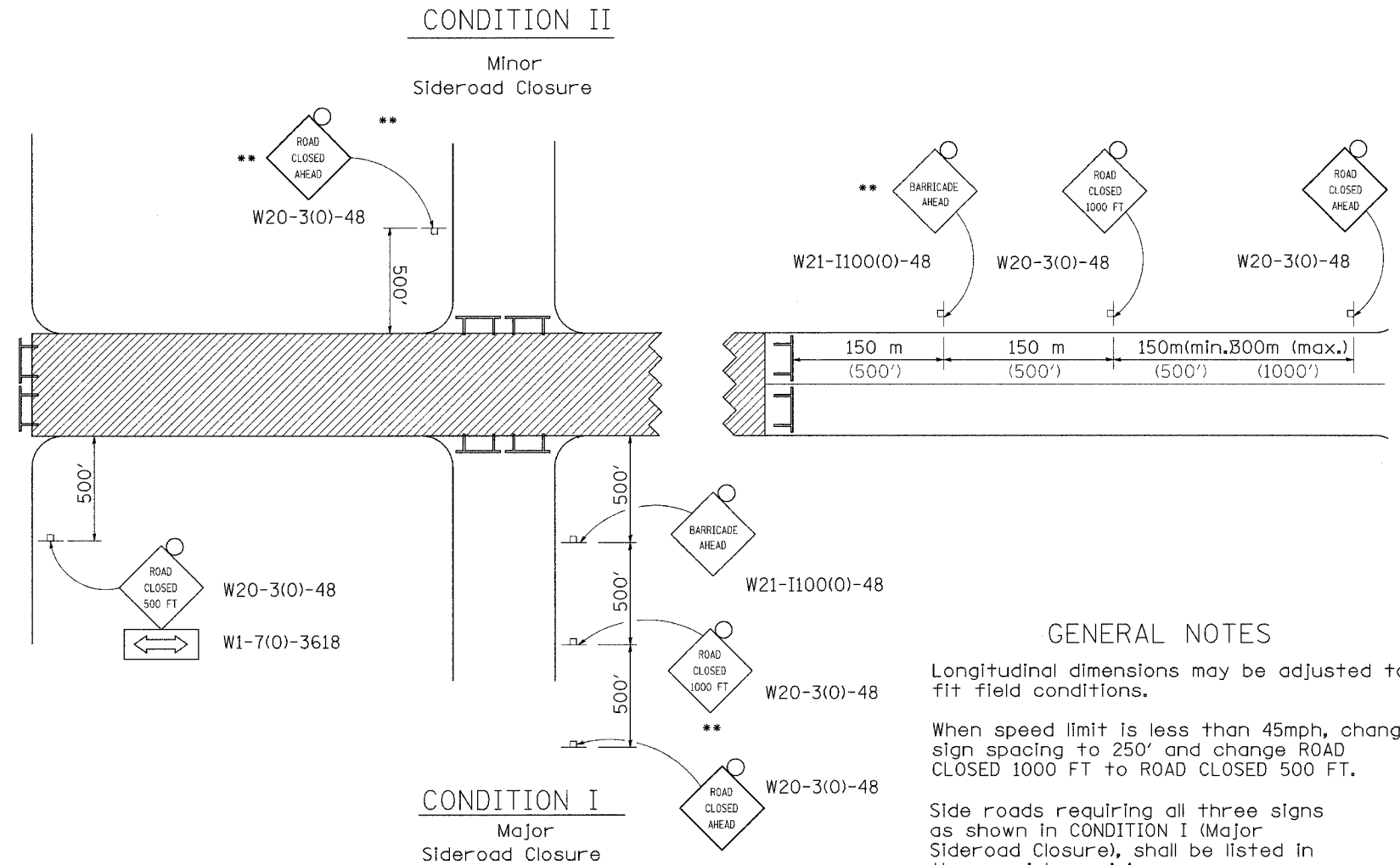
TRAFFIC CONTROL FOR ROAD CLOSURE



ROAD CLOSED TO THRU TRAFFIC BARRICADE SET UP



Type III Barricades and R11-4-4830 signs shall be as shown in "Road Closed To All Thru Traffic" detail on Highway Standard 701901. If the distance "D" exceeds 600 m (2000') an additional set of barricades and R11-4-4830 shall be placed at each end of the work area.



CONDITION I Major Sideroad Closure

SYMBOLS

- Work area
- Type III Barricade with Flashers
- Sign with flashing light

GENERAL NOTES

- Longitudinal dimensions may be adjusted to fit field conditions.
- When speed limit is less than 45mph, change sign spacing to 250' and change ROAD CLOSED 1000 FT to ROAD CLOSED 500 FT.
- Side roads requiring all three signs as shown in CONDITION I (Major Sideroad Closure), shall be listed in the special provision.

** Where local access is to be maintained, barricades are to be set up as shown in Road Closed to thru traffic. Type III Barricades and R11-2-4830 signs shall be as shown in "Road Closed To All Traffic" detail on Highway Standard 701901.

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

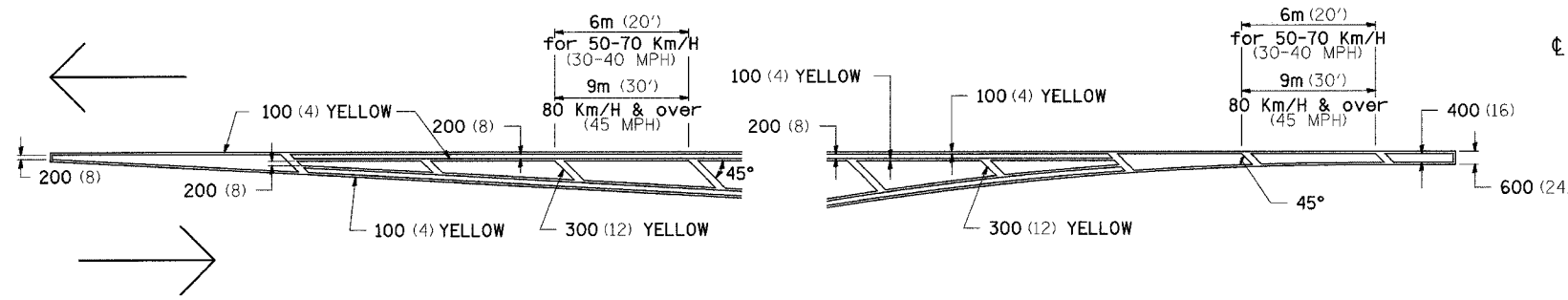
TYPICAL APPLICATION FOR ROAD CLOSURE

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 REFERENCE = #REF#

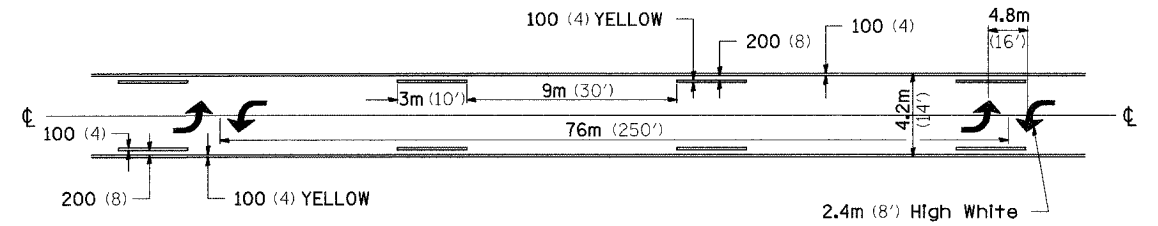
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(110,111)T	LEE	59	46
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

TYPICAL PAVEMENT MARKINGS

TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE

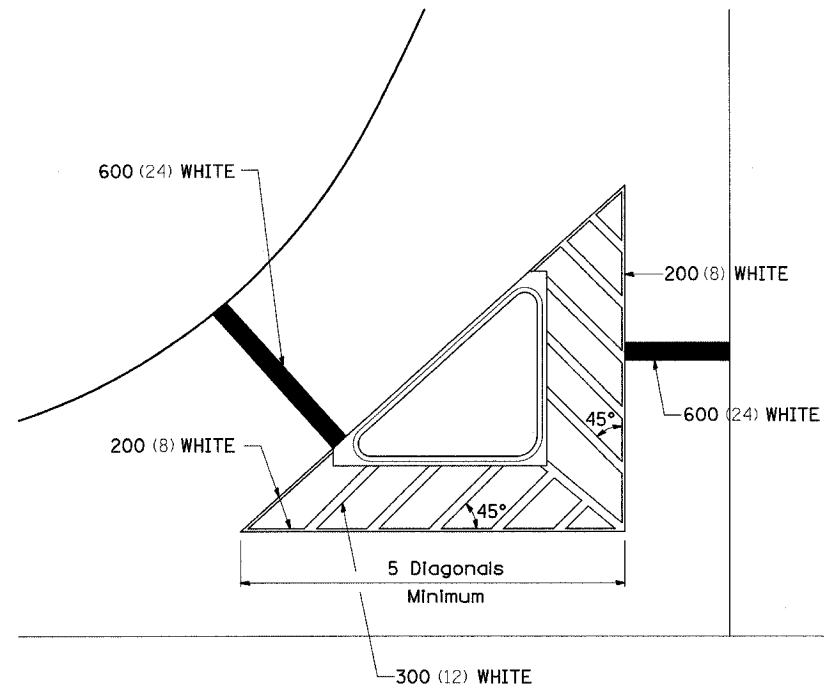


MEDIAN PAVEMENT MARKING

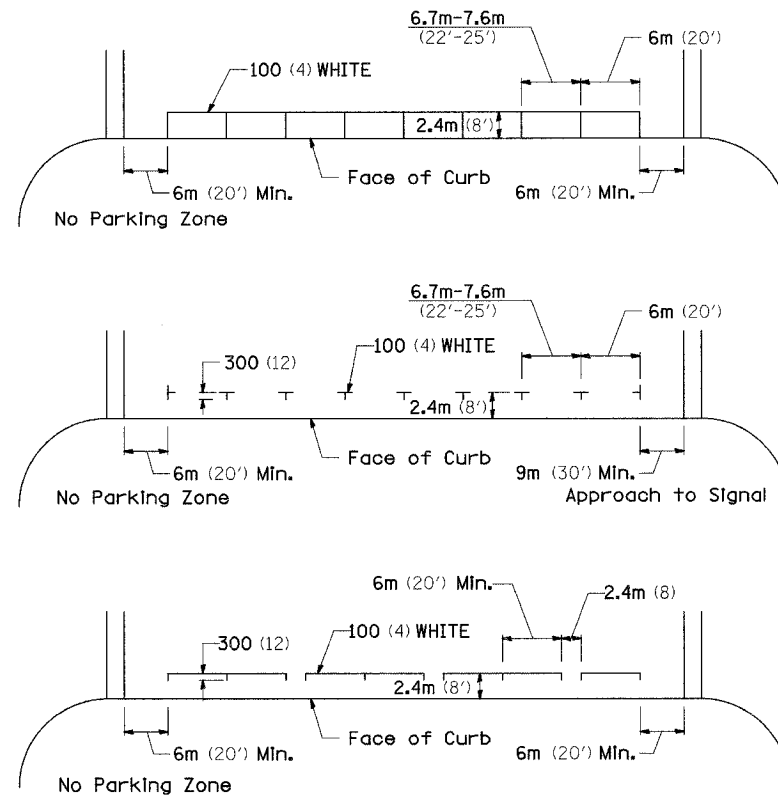


•• ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

TYPICAL ISLAND OFFSET SHOULDER WIDTH

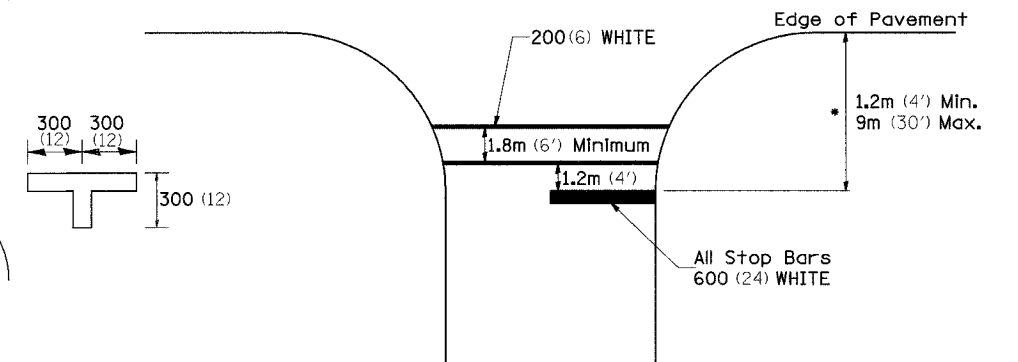


TYPICAL PARKING SPACING



STANDARD CROSSWALK MARKING

See Schedules for Locations



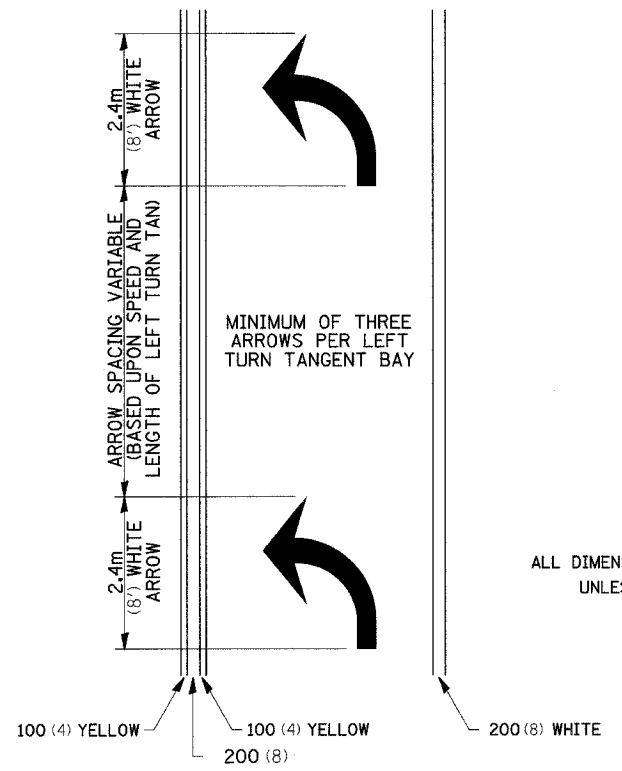
• Distance to the nearest edge of the intersecting roadway in the absence of a marked crosswalk.

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 REFERENCE =

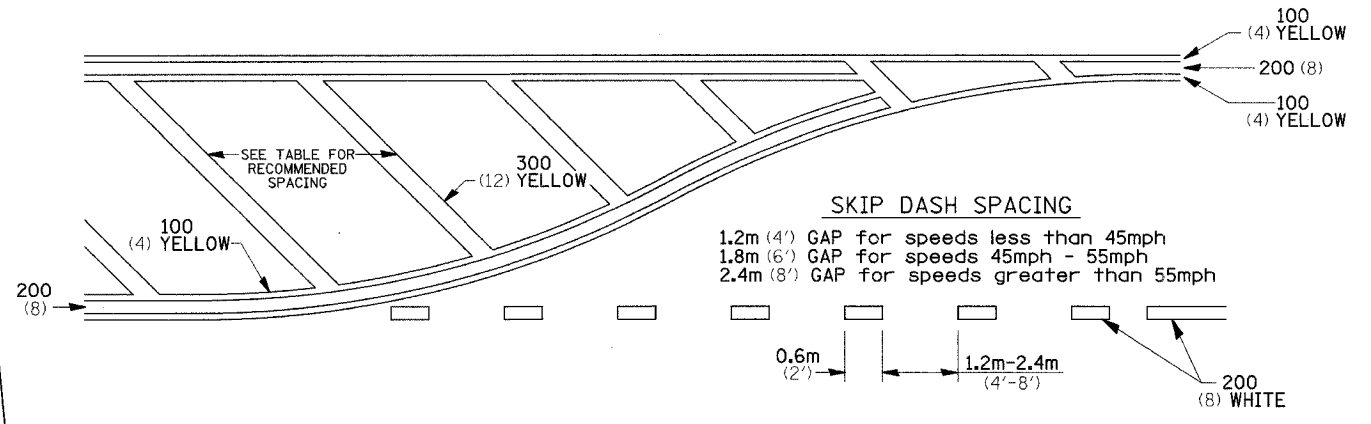
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(110,111)T	LEE	59	47
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

TYPICAL PAVEMENT MARKINGS

ARROW LAYOUT



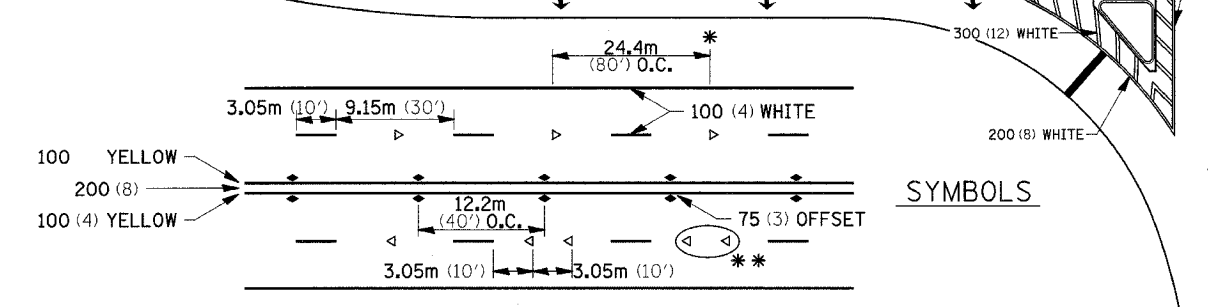
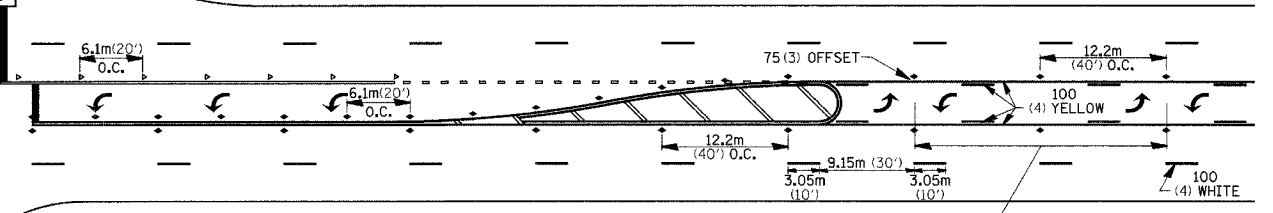
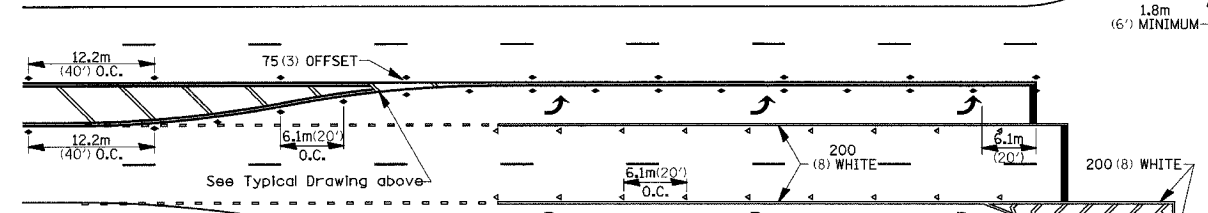
TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



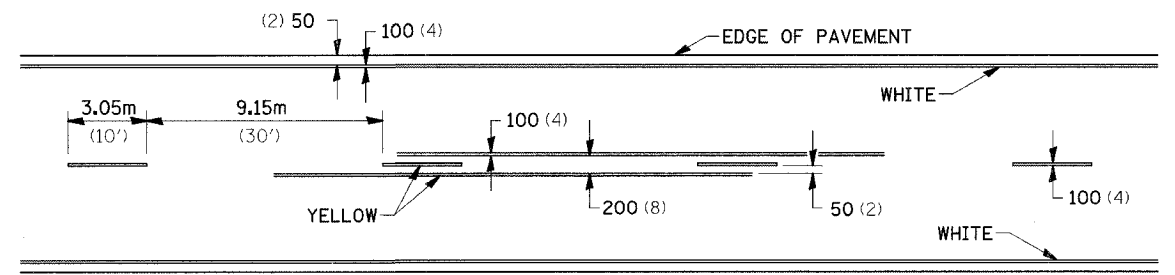
RECOMMENDED SPACING BETWEEN DIAGONALS (IN FEET)

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.



TYPICAL PAVEMENT MARKING FOR TWO LANE SECTION - NO PASSING ZONES



- 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

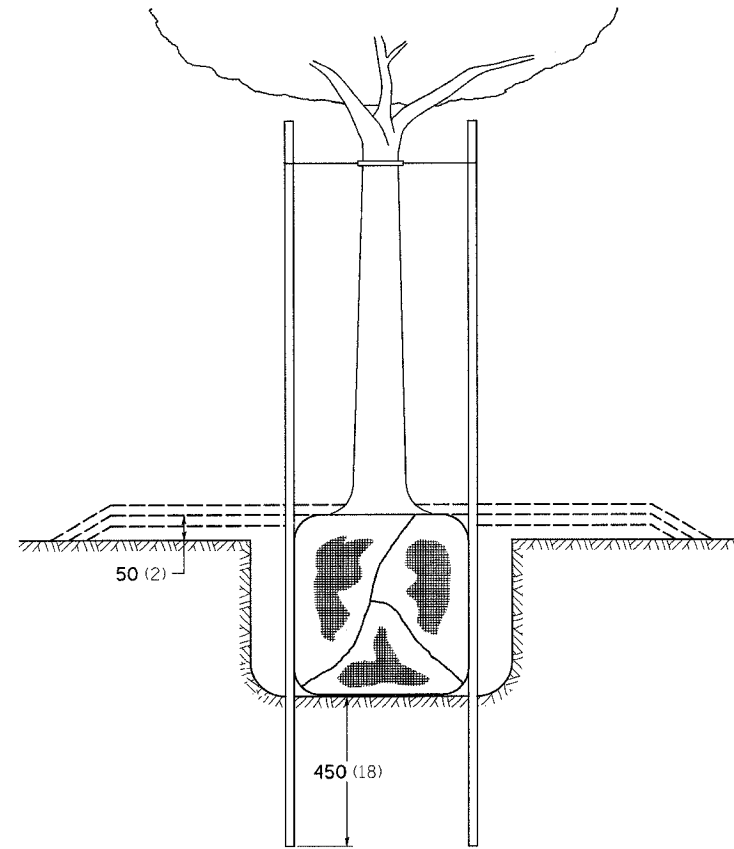
See Typical Drawing above

12.2m (40') O.C.
 6 at (40') O.C.
 APPROACH SIDE ONLY

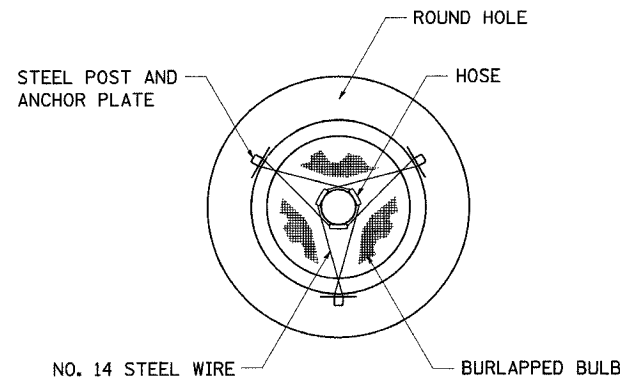
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(110,111)T	LEE	59	48
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DETAILS OF PLANTING AND BRACING TREES

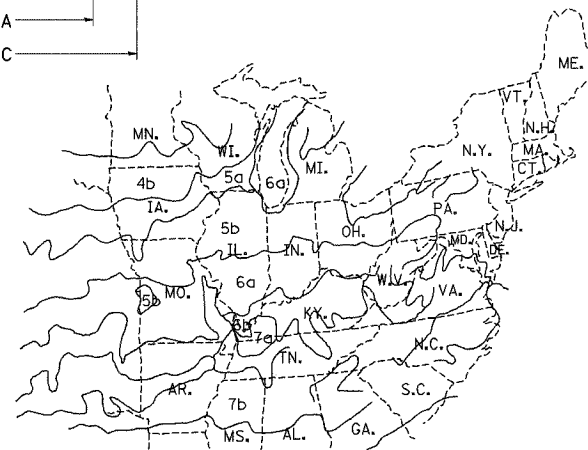
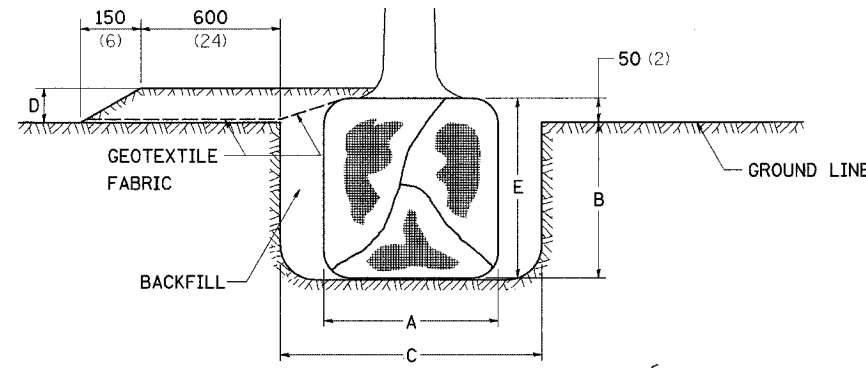


TREES SMALLER THAN 115 (4 1/2) IN DIAMETER



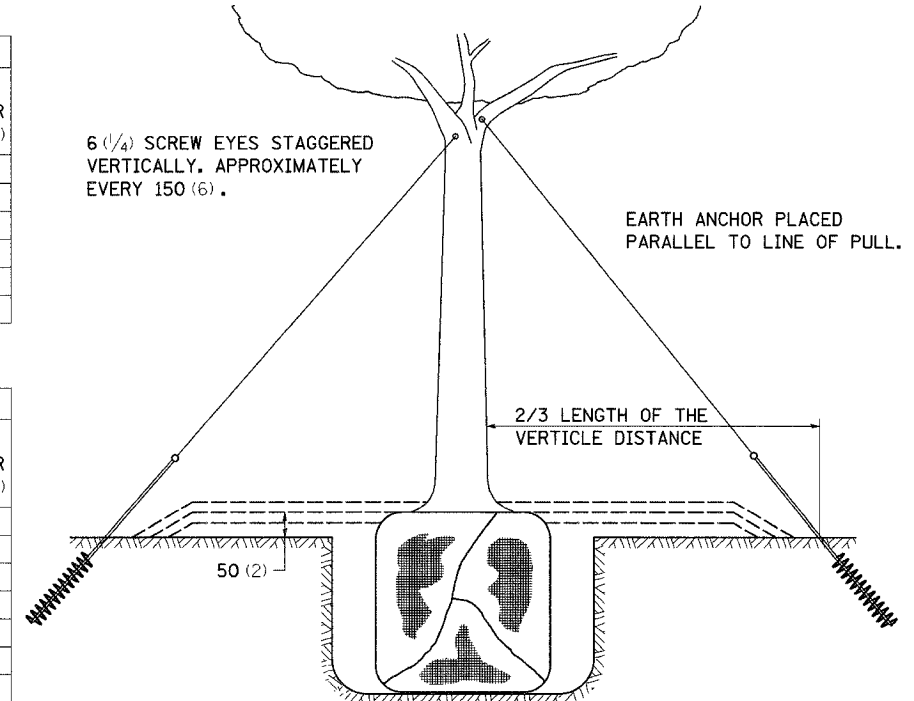
SMALL	A	B	C	D	E	F
TREE SIZE	DIAMETER OF BALL OR ROOT SYS.	DEPTH OF HOLE EXCAVATION	WIDTH OF HOLE EXCAVATION	THICKNESS OF MULCH COVER	DEPTH OF BALL OR ROOT SYS.	VOLUME OF MULCH COVER m ³ (CU. YDS.)
1.5-1.8m (5'-6')	400 (16)	250 (10)	750 (30)	100 (4)	300 (12)	0.41 (0.54)
1.5-1.8m (5'-6') BB	400 (16)	250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

LARGE	A	B	C	D	E	F
TREE SIZE	DIAMETER OF BALL OR ROOT SYS.	DEPTH OF HOLE EXCAVATION	WIDTH OF HOLE EXCAVATION	THICKNESS OF MULCH COVER	DEPTH OF BALL OR ROOT SYS.	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)

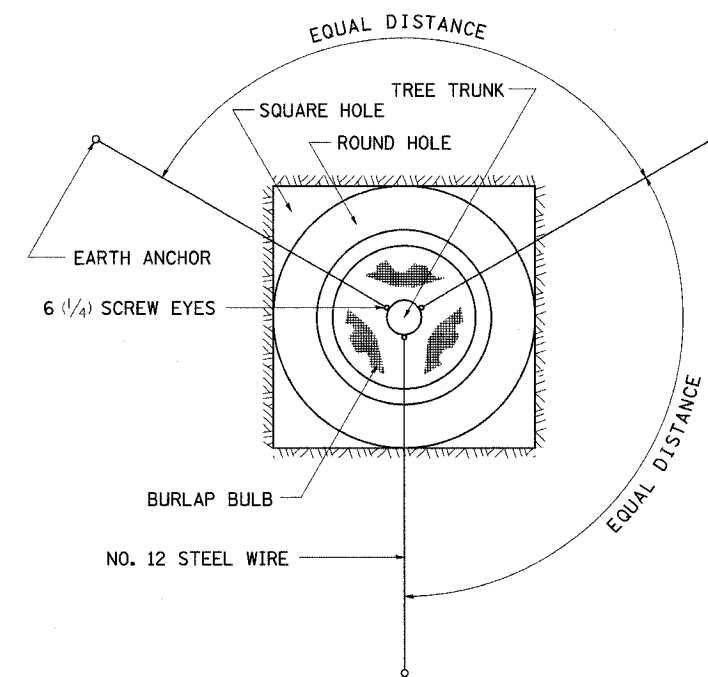


PLANT HARDINESS ZONE MAP

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



TREES OVER 115 (4 1/2) IN DIAMETER



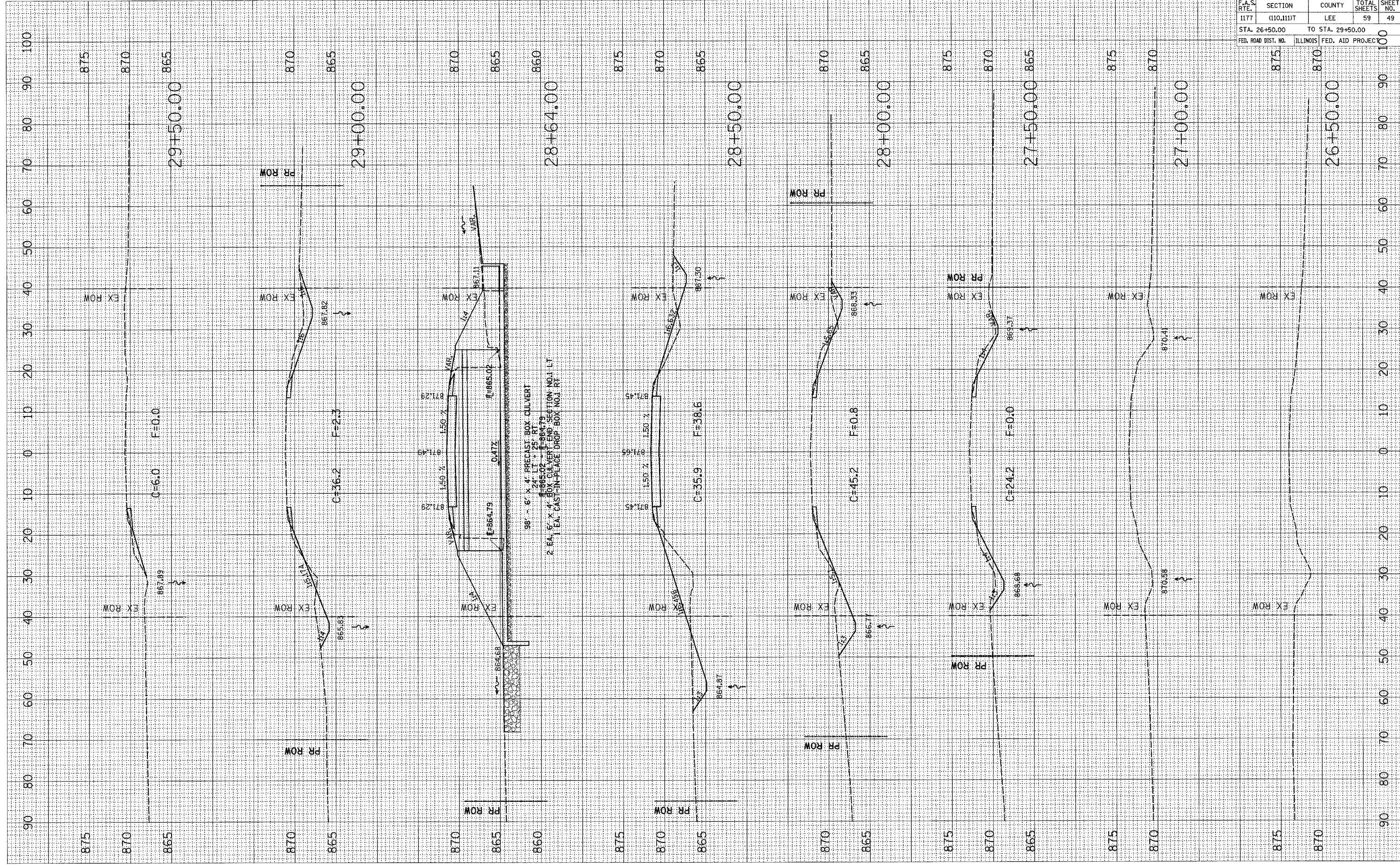
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES)
UNLESS OTHERWISE NOTED.

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PLOT SCALE = 1:1
REFERENCE = REF#

PLOT DATE = Tue Feb 26 10:37:08 2008
 FILE NAME = c:\pca\pca\226007\226007.dwg
 PLOT SCALE = 1/8" = 1' IN.
 USER NAME = c:\admin

ORIGINAL SURVEY BY DATE
 SURVEY PLOTTED
 TEMPLATE BOOK
 AREAS CHECKED

FINAL SURVEY BY DATE
 SURVEY PLOTTED
 TEMPLATE BOOK
 AREAS CHECKED



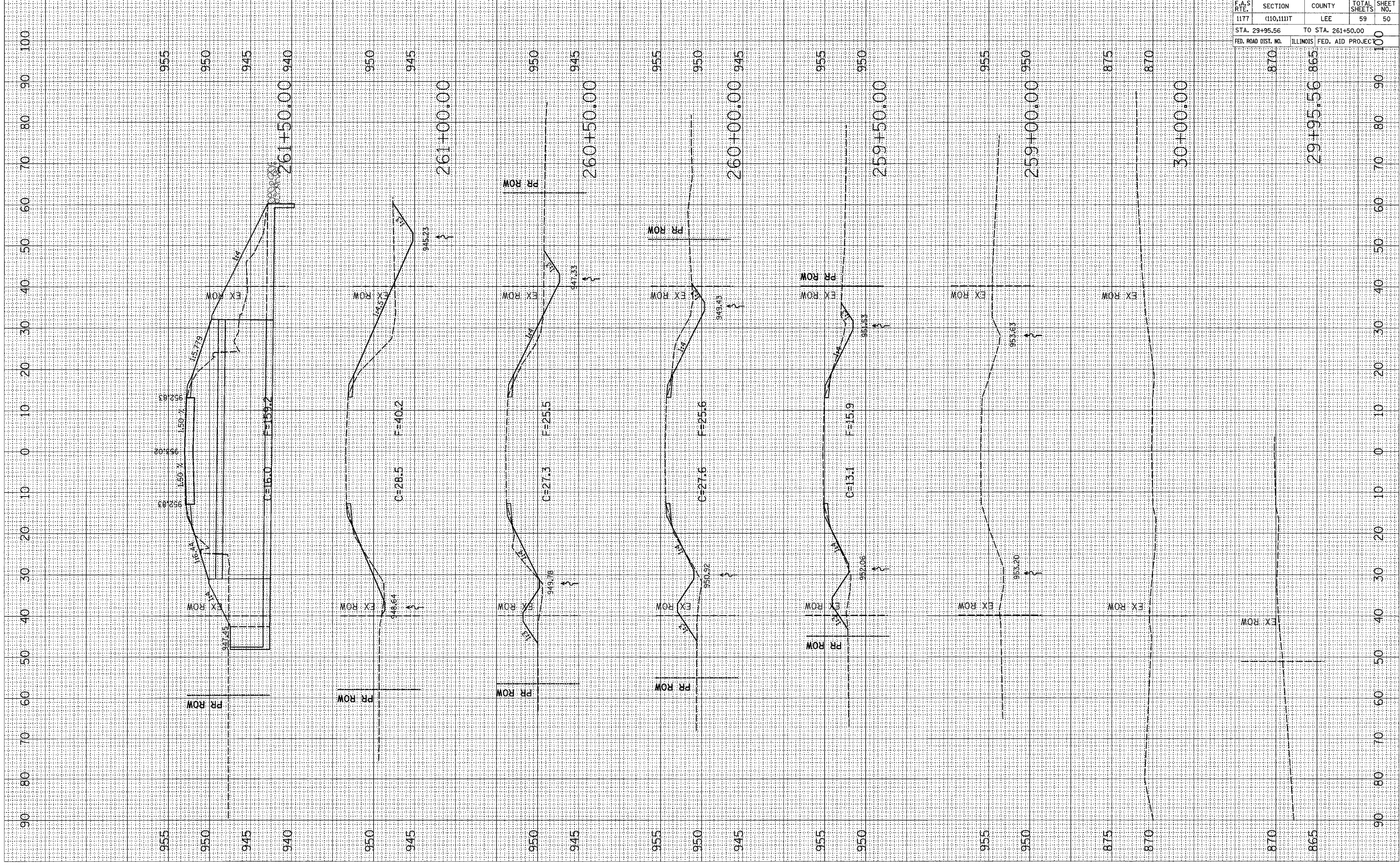
CONTRACT NO. 64C72

PLOT DATE = Tue Feb 26 16:37:18 2008
 PLOT SCALE = 1" = 40.00'
 USER NAME = cshimmon
 BY: _____ DATE: _____

ORIGINAL SURVEY PLOTTED TEMPLATE AREAS CHECKED
 NO. _____

FINAL SURVEY PLOTTED TEMPLATE AREAS CHECKED
 NO. _____

BY: _____ DATE: _____



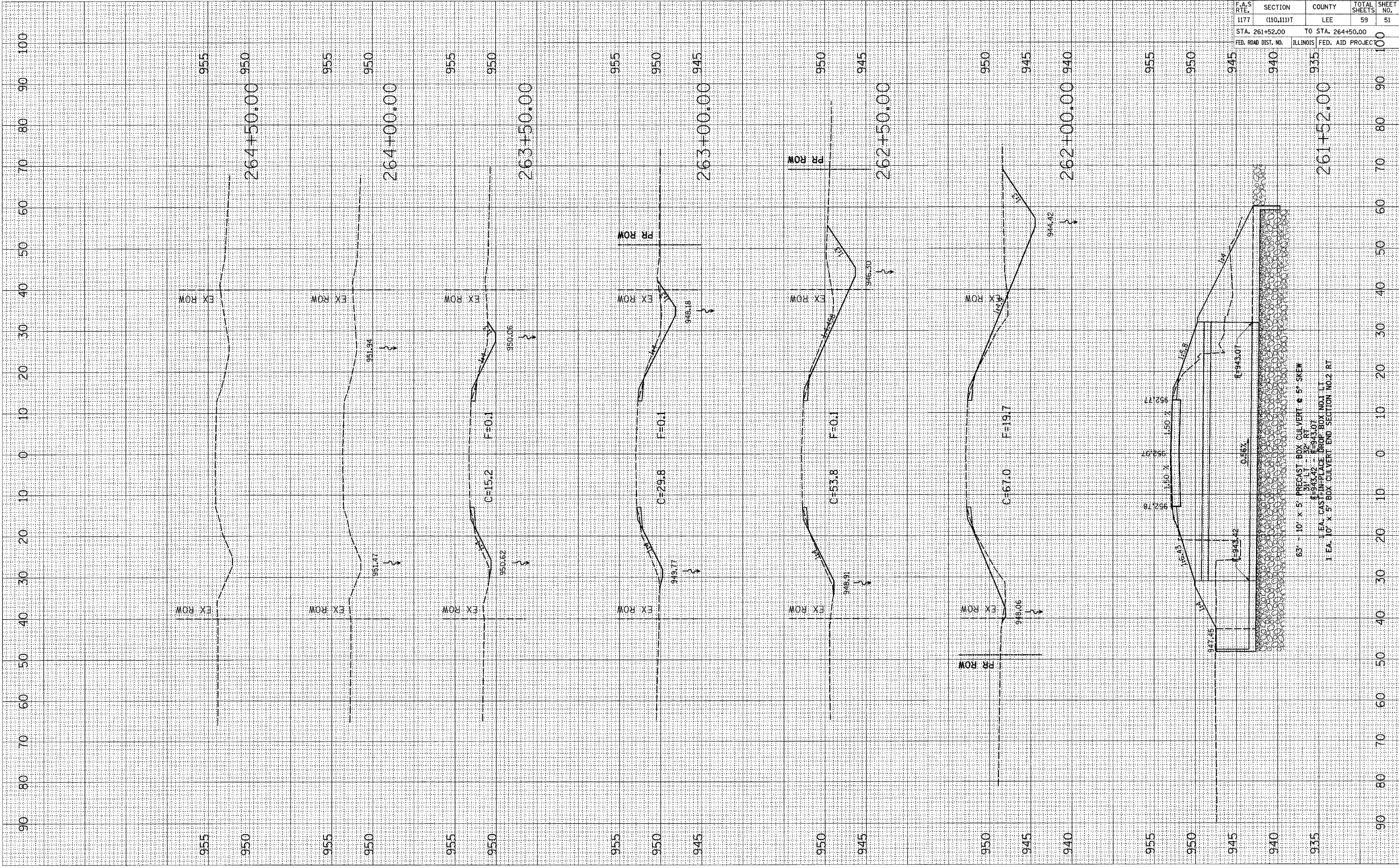
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(110,111)T	LEE	59	50
STA. 29+95.56		TO STA. 261+50.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJEC	

CONTRACT NO. 64C72
 29+95.56 865
 261+50.00 940
 261+00.00 945
 260+50.00 945
 260+00.00 945
 259+50.00 955
 259+00.00 950
 30+00.00 870
 875
 870
 870
 870

PLOT DATE = Tue Feb 26 10:37:18 2008
 FILE NAME = c:\pwworkspace\12-28-07\12-28-07\12-28-07.dwg
 PLOT SCALE = 1" = 40' 0"
 USER NAME = c:\admin\br

ORIGINAL SURVEY	SURVEYED	BY	DATE
PLOTTED	PLOTTED		
TEMPLATE	TEMPLATE		
AREAS CHECKED	AREAS CHECKED		

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	NOTE BOOK		
AREAS CHECKED	AREAS CHECKED		



F.A.S. RTE.		SECTION		COUNTY		TOTAL SHEETS		SHEET NO.	
1177		(110,111)		LEE		59		51	
STA. 261+52.00				TO STA. 264+50.00					
FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT					

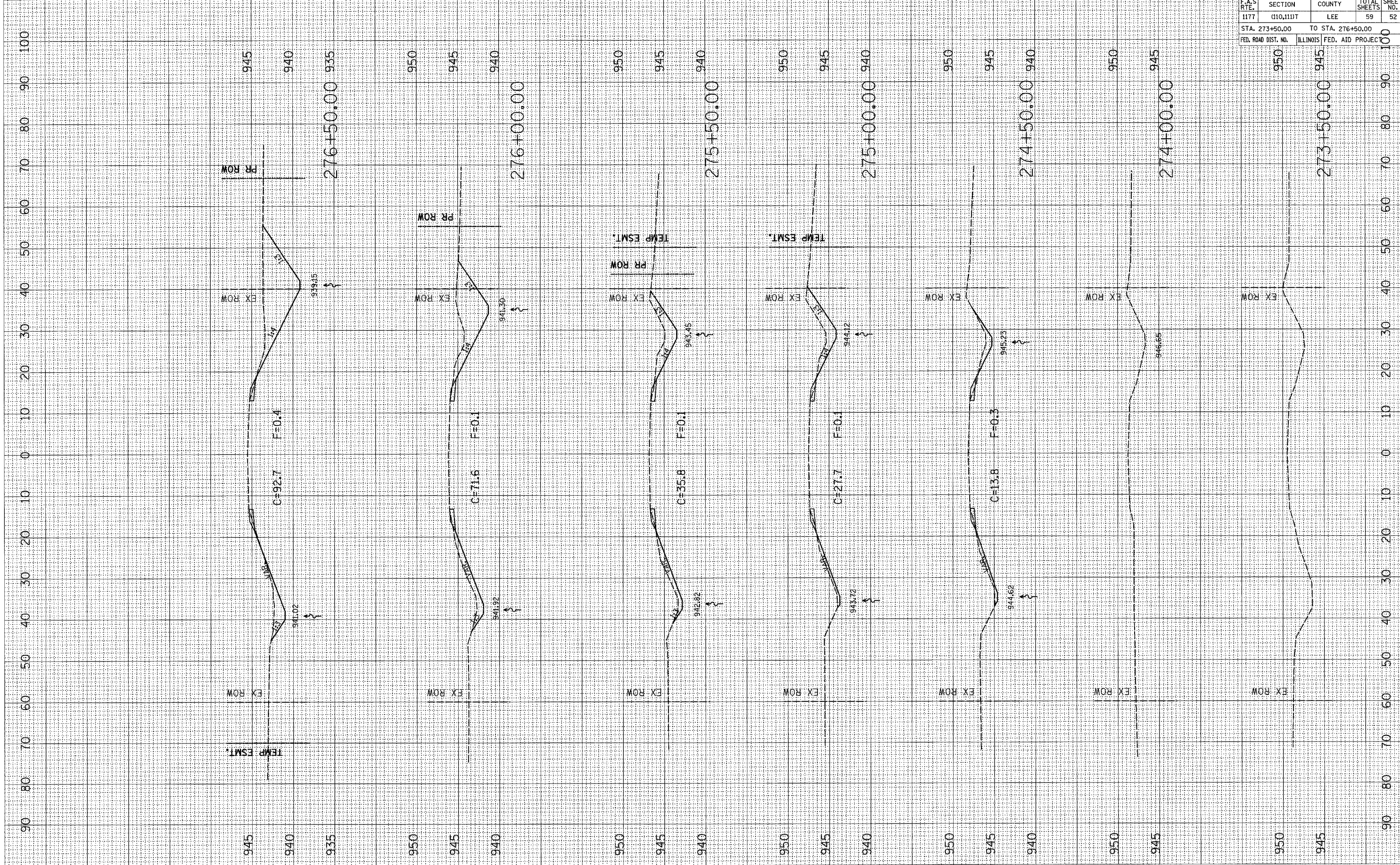
261+52.00

63' - 10' x 5' PRECAST BOX CULVERT @ 5° SKEW
 1 EA. 10' x 5' BOX CULVERT END SECTION, NO.2, RT.

PLOT DATE = Tue Feb 28 16:37:11 2006
 FILE NAME = c:\pwork\proj\200602\107\main\107\main.dwg
 USER NAME = cadmanba

ORIGINAL SURVEY NO.	SURVEY PLOTTED	DATE
	TEMPLATE	
	AREAS CHECKED	

FINAL SURVEY NO.	SURVEY PLOTTED	DATE
	TEMPLATE	
	AREAS CHECKED	



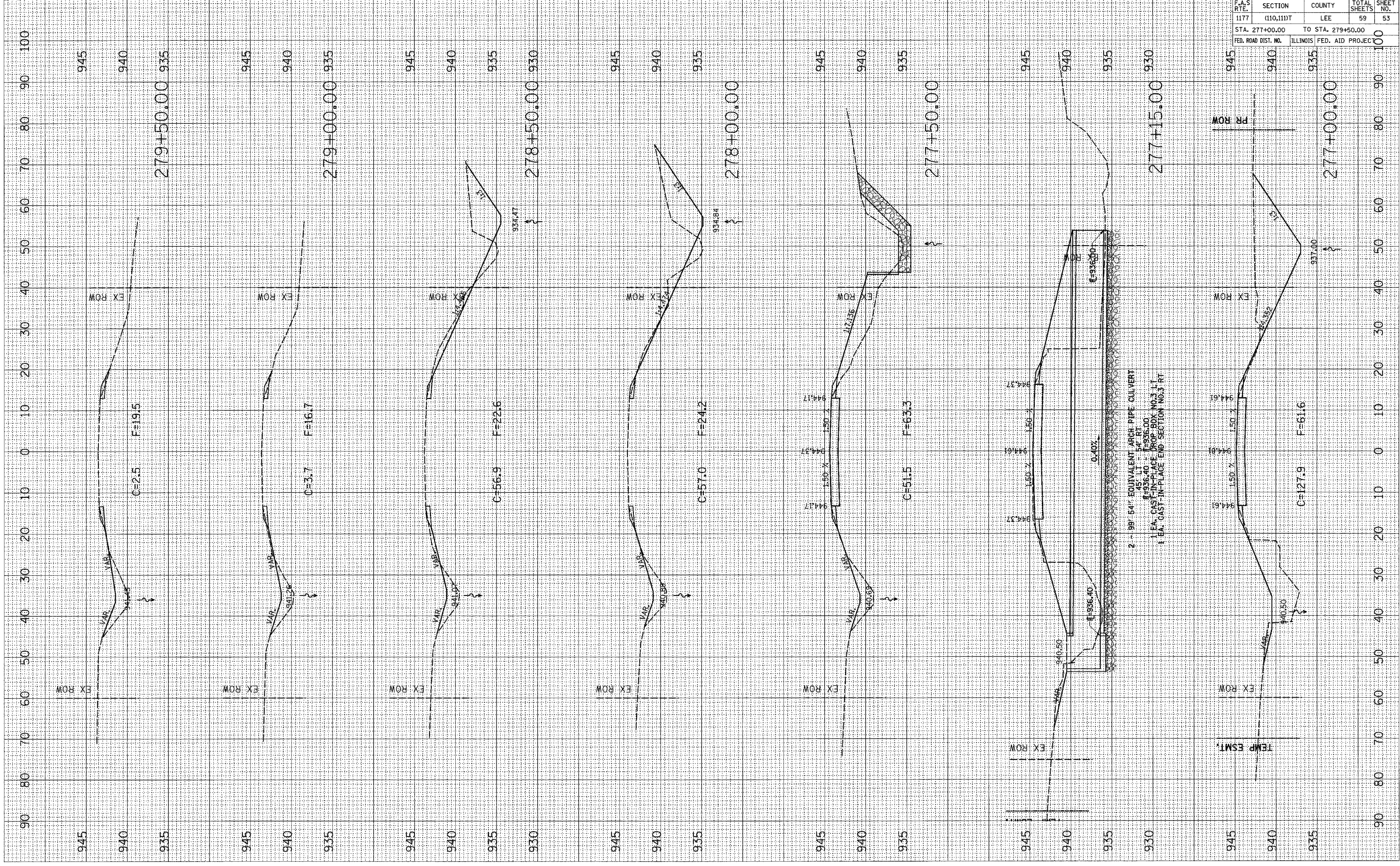
CONTRACT NO. 64CT2			
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS
1177	010,111T	LEE	59
STA. 273+50.00		TO STA. 276+50.00	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJEC		SHEET NO. 52

PLOT DATE = Tue Feb 26 06:37:11 2008
 PLOT SCALE = 10.0000
 USER NAME = gsumner
 IN

ORIGINAL SURVEY PLOTTED
 SURVEY PLOTTED
 NOTE BOOK TEMPLATE
 NO. AREAS CHECKED

FINAL SURVEY PLOTTED
 SURVEY PLOTTED
 NOTE BOOK TEMPLATE
 NO. AREAS CHECKED

BY _____ DATE _____
 BY _____ DATE _____



CONTRACT NO. 64C72			
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
1177	(110,111)T	LEE	59
STA. 277+00.00		TO STA. 279+50.00	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	

- 2 - 99' 64" EQUIVALENT ARCH. PIPE CULVERT
- 1 EA. CAST-IN-PLACE STOP BOX NO. 3 11"
- 1 EA. CAST-IN-PLACE END SECTION NO. 3 11"

PLOT DATE = Tue Feb 26 08:37:11 2008
 PLOT TIME = 08:37:11
 PLOT USER = jk
 USER NAME = jk
 USER NUMBER = 00000000

ORIGINAL SURVEYED
 SURVEY PLOTTED
 NOTE BOOK TEMPLATE
 NO. AREAS CHECKED

FINAL SURVEYED
 SURVEY PLOTTED
 NOTE BOOK TEMPLATE
 NO. AREAS CHECKED

BY DATE



F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(110,111)T	LEE	59	54
STA. 280+00.00		TO STA. 317+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CONTRACT NO. 64C72

PLOT DATE = Tue Feb 28 08:37:41 2006
 PLOT SCALE = 1/8" = 100'
 USER NAME = gshammon

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

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



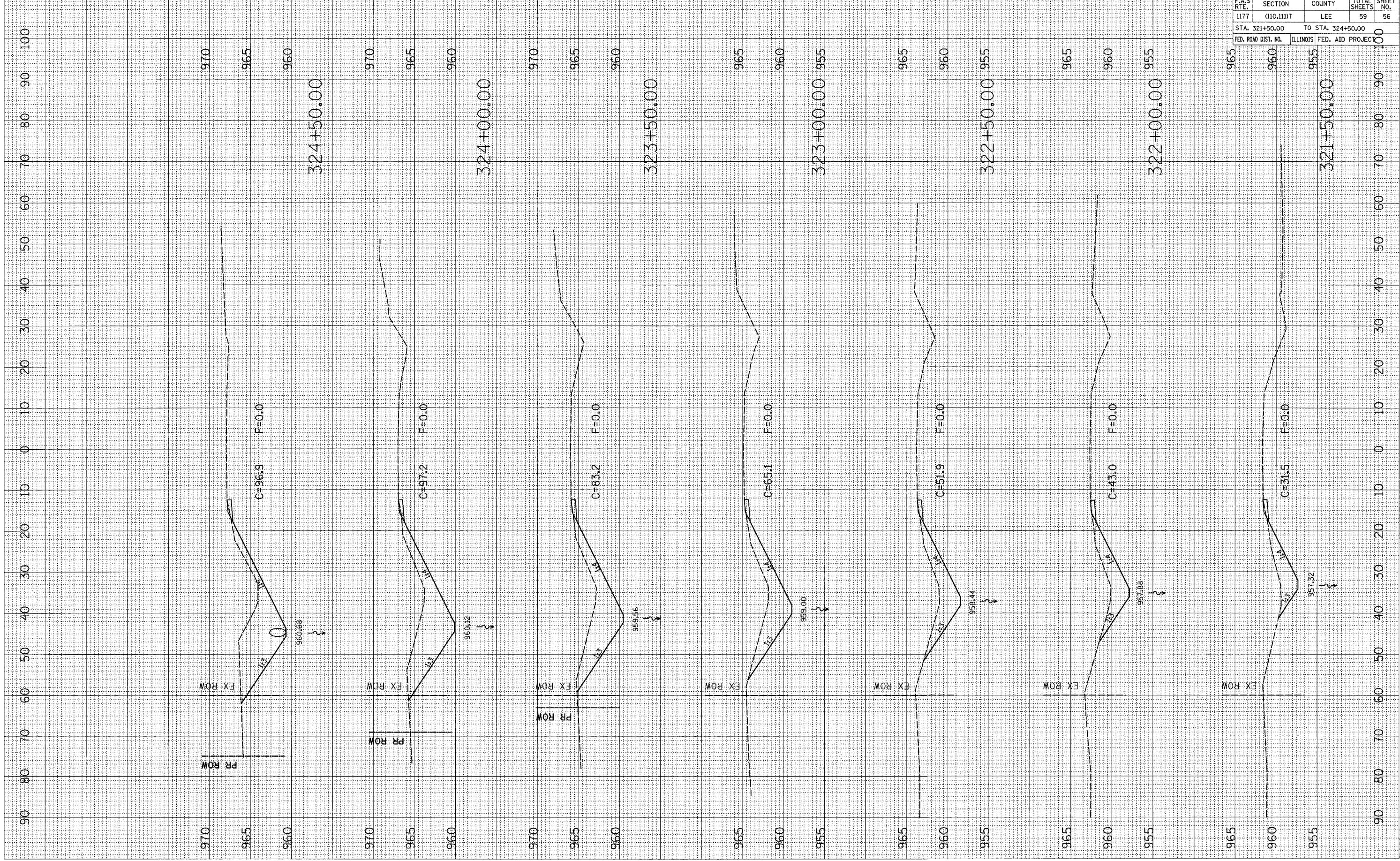
CONTRACT NO. 64C72				
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(110,111)T	LEE	59	55
STA. 318+00.00		TO STA. 321+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJEC		

PLOT DATE = Tue Feb 26 08:27:12 2008
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = csharabaw

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

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

BY DATE



CONTRACT NO. 64C72				
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(110,111)T	LEE	59	56
STA. 321+50.00		TO STA. 324+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

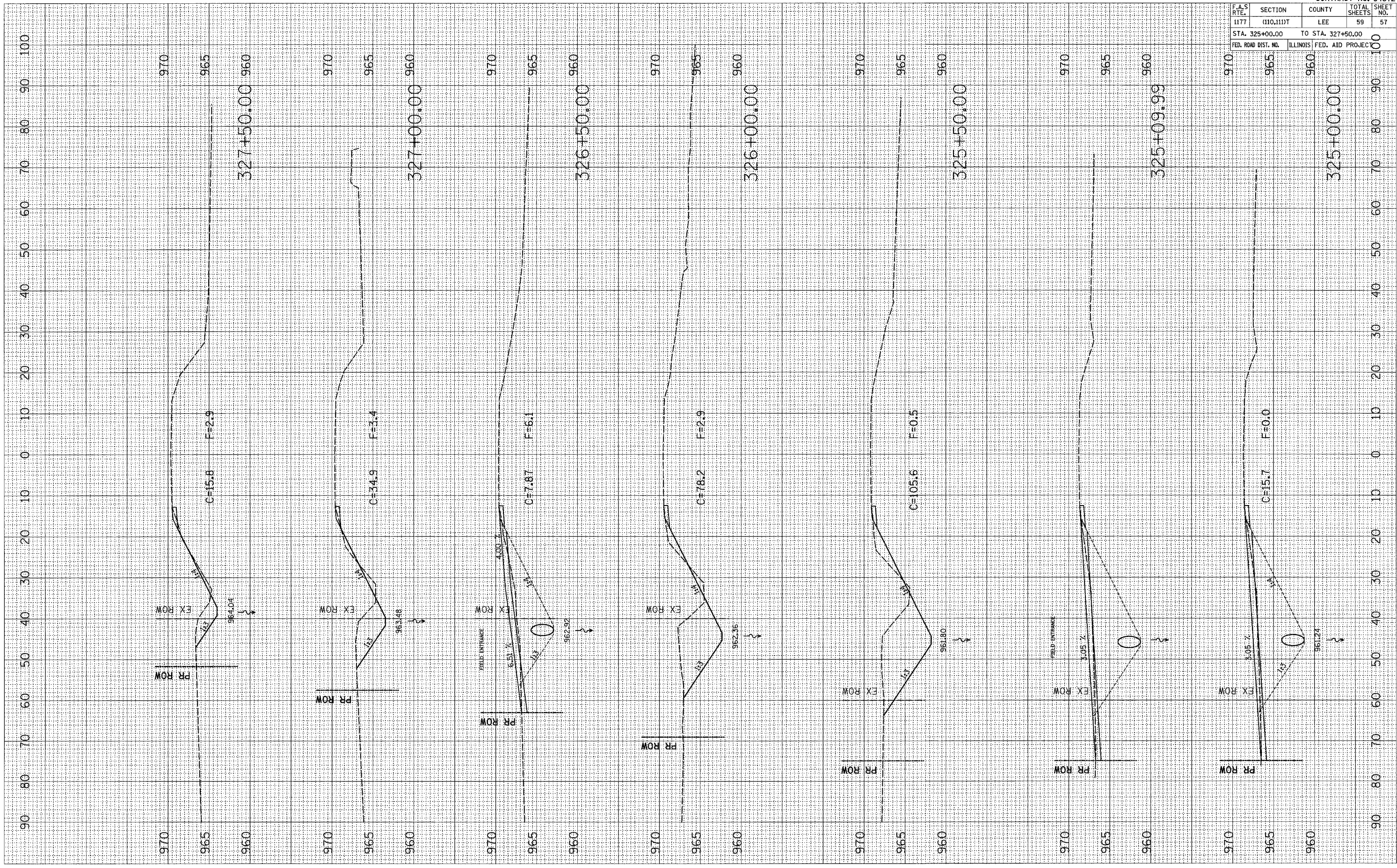
PLOT DATE = Tue Feb 26 08:32:12 2008
 PLOT SCALE = 1/4" = 100'
 USER NAME = dushmanb*
 USER NO. = 1177

ORIGINAL SURVEYED
 SURVEY PLOTTED
 NOTE BOOK TEMPLATE
 NO. AREAS CHECKED

FINAL SURVEYED
 SURVEY PLOTTED
 NOTE BOOK TEMPLATE
 NO. AREAS CHECKED

BY _____ DATE _____

BY _____ DATE _____



F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(110,111)T	LEE	59	57
STA. 325+00.00		TO STA. 327+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CONTRACT NO. 64C72

