

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1458	03-00125-01-GE	FULTON	48	1

CONTRACT # 89453

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PLANS

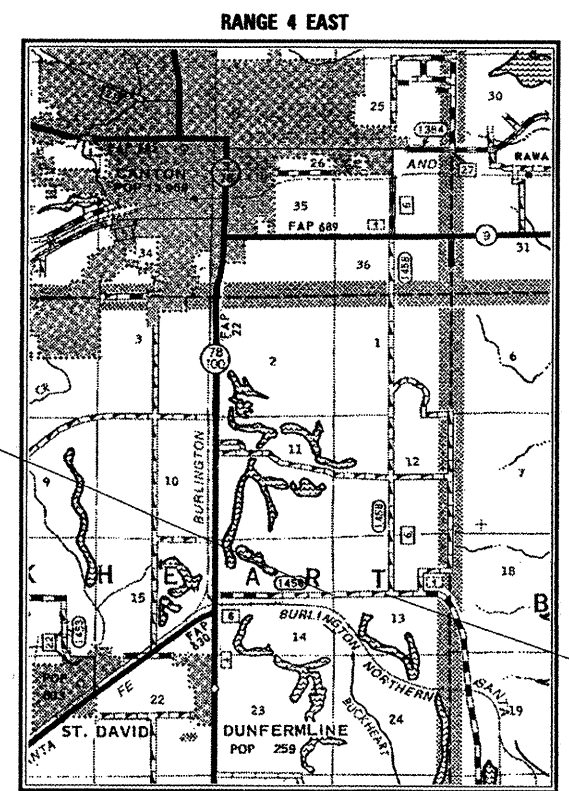
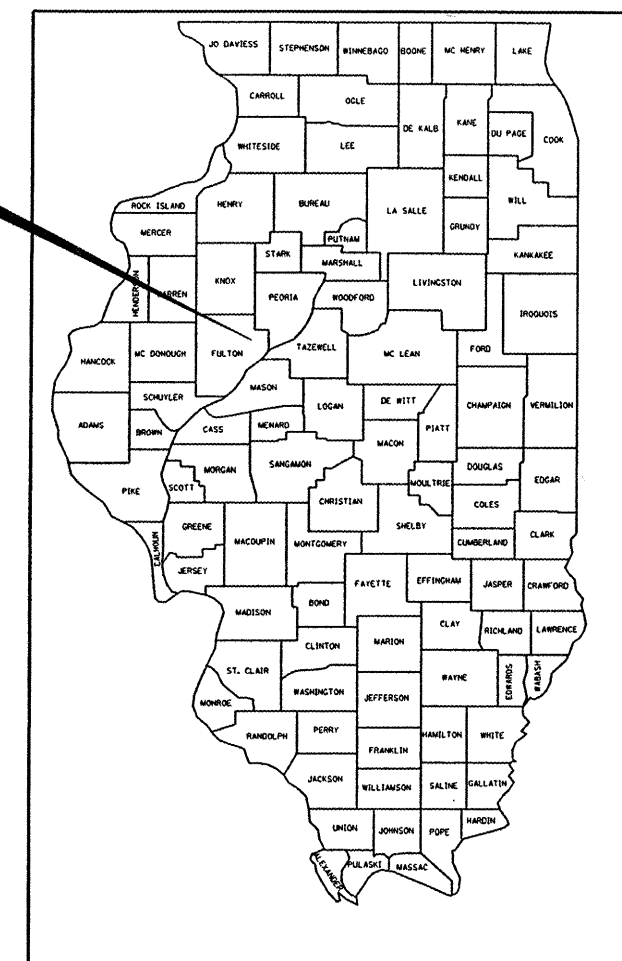
F.A.S. ROUTE 1458
SECTION 03-00125-01-GE
PROJECT HD-RS-1458(105)
FULTON COUNTY
COUNTY HIGHWAY 6

INDEX OF SHEETS

SHEET NO	DESCRIPTION
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LIST OF STANDARDS

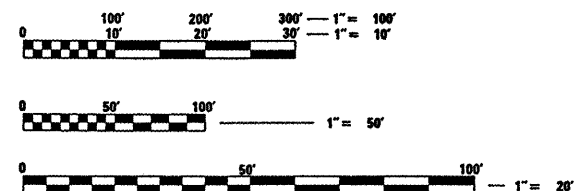
NUMBER	DESCRIPTION
000001-05	STANDARD SYMBOLS ABBREVIATIONS AND PATTERNS
280001-04	TEMPORARY EROSION CONTROL SYSTEMS
542401	METAL END SECTION FOR PIPE CULVERT
630001-07	STEEL PLATE BEAM GUARDRAIL
630301-04	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
701001-01	OFF ROAD OPERATIONS OVER 15'
701006-02	OFF ROAD OPERATIONS LESS THAN 15'
701201-02	LANE CLOSURE 2 LANE-2 WAY DAYTIME ONLY
701901	TRAFFIC CONTROL DEVICES
BLR 21-7	ROAD CLOSURE ON RURAL LOCAL HIGHWAY
BLR 22-5	ROAD CLOSED TO THRU TRAFFIC ON LOCAL HWY



IMPROVEMENT BEGINS
STA. 31 + 80.45

IMPROVEMENT ENDS
STA. 70 + 97.16

LOCATION MAP
TOTAL LENGTH OF PROJECT = 3920 FEET = 0.742 MILES



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.

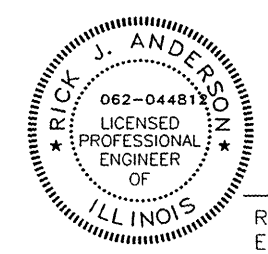
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123

CONTRACT NO. 89453
JOB NO. C-94-201-06
CATALOG # 032908-04

MAURER & STUTZ, INC.
ENGINEERS SURVEYORS
7615 NORTH HARKER DRIVE
PEORIA, ILLINOIS 61615
PH. (309) 693-7615
FAX (309) 693-7616

ROADWAY CLASSIFICATION: COLLECTOR
CURRENT ADT = 600
DESIGN ADT = 800
MU = 20%
DESIGN SPEED = 55 mph
DESIGN GUIDELINES: RURAL
VARIANCES: NONE
COMMITMENTS: NONE

NPDES PERMIT REQUIRED
DISTURBED AREA = 8.8 AC.



Rick J. Anderson
Rick J. Anderson, P.E.
Exp. Date 11/2009
P.E. No.: 062-044812
7/17/08

APPROVED 1-03 20 08
William Kurb
COUNTY ENGINEER

PASSED 7-18 20 08
D. J. C. J.
DISTRICT FOUR ENGINEER OF LOCAL ROADS AND STREETS

RELEASED FOR
BID BASED ON
LIMITED REVIEW
July 21, 08
Julius
DEPUTY DIRECTOR OF HIGHWAYS, REGION THREE ENGINEER

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1458	03-00125-01-GE	FULTON	48	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	100% SEC FUNDS E000-2A
20100500	TREE REMOVAL, ACRES	ACRE	1.50	1.50
20200100	EARTH EXCAVATION	CU YD	14610	14610
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	3033	3033
20400805	FURNISHED EXCAVATION, SPECIAL	CU YD	51399	51399
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	2679	2679
25000200	SEEDING, CLASS 2	ACRE	4.00	4.00
25000300	SEEDING, CLASS 3	ACRE	2.75	2.75
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	596	596
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	596	596
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	596	596
25100115	MULCH, METHOD 2	ACRE	6.25	6.25
25100630	EROSION CONTROL BLANKET	SO YD	1782	1782
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	662	662
28000300	TEMPORARY DITCH CHECKS	EACH	137	137
28000400	PERIMETER EROSION BARRIER	FOOT	420	420
28000500	INLET AND PIPE PROTECTION	EACH	6	6
28100705	STONE DUMPED RIPRAP, CLASS A3	SO YD	3719	3719
28100707	STONE DUMPED RIPRAP, CLASS A4	SO YD	139	139
35100200	AGGREGATE BASE COURSE, TYPE A	CU YD	4685	4685
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SO YD	657	657
40200500	AGGREGATE SURFACE COURSE, TYPE A 6"	SO YD	10445	10445
50105200	REMOVE EXISTING PIPE CULVERT	EACH	1	1
50105220	PIPE CULVERT REMOVAL	FOOT	61	61
50800105	REINFORCEMENT BARS	POUND	96095	96095
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	235	235
54003000	CONCRETE BOX CULVERTS	CU YD	282.3	282.3
542D0217	PIPE CULVERTS, CLASS D, TYPE 1 12"	FOOT	170	170
542D1909	PIPE CULVERTS, CLASS D, TYPE 3 24"	FOOT	150	150
54213447	END SECTIONS 12"	EACH	6	6
54213459	END SECTIONS 24"	EACH	2	2

* DESIGNATES SPECIALTY ITEM

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	100% SEC FUNDS E000-2A
54223545	REMOVE AND RELAY EXISTING CULVERT	FOOT	80	80
*63000000	STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	2150	2150
*63100167	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)	EACH	4	4
67100100	MOBILIZATION	L SUM	1	1
70101830	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	EACH	1	1
70101835	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 22	EACH	1	1
*78200410	GUARDRAIL MARKERS, TYPE A	EACH	8	8
*78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4	4
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1
Z0054500	ROCK FILL	TON	6066	6066
Z0065100	SETTLEMENT PLATFORMS	EACH	1	1

* DESIGNATES SPECIALTY ITEM

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: VERT. HORIZ. DATE

DRAWN BY CHECKED BY

GENERAL NOTES

SOILS REPORT AVAILABILITY

All soils data collected and processed for the soils report made in conjunction with the design of this improvement is on file at the district office where it is available for inspection by contractors or prospective bidders. By submitting a bid, the contractor acknowledges that the soils report has been made available and is aware of the report contents and appendices.

SEEDING - SIDESLOPE RIPPING

All slopes steeper than 3 to 1 and over 15 ft. (4.5 m) in height shall be ripped. This shall consist of ripping 4 inches deep normal to the slope. The interval of ripping along the slope shall be 12 ft (3.6 m). This work shall be done after the seed bed has been prepared but before any fertilizer or seed has been applied. The fertilizer and seed shall be applied within a 24-hour period after the ripping has been done. This work will not be paid for separately but will be included in the cost of the various items of seeding involved.

UTILITIES - LOCATIONS / INFORMATION ON PLANS

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

PROPERTY OWNER ACCESS MANAGEMENT

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

EMBANKMENT / TOPSOIL PLACEMENT SHRINKAGE FACTOR

A shrinkage factor of 25% was used to determine the quantity of embankment.

ORDERING LENGTH CONFIRMATION - DRAINAGE ITEMS

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

UNDERCUT OPERATIONS

Contact Darren Reents, IDOT District 4 Geotechnical Unit prior to performing any undercut in the culvert area.

DITCH GRADING

Existing culvert at Station 70+00 shall be salvaged during excavation operations and placed adjacent to fence near existing location. Cost included in earth excavation.

COMMITMENTS

Commitments are not to be altered without the written approval of all parties to which the commitment was made. Tree replacement will be done in a future contract, and in accordance with Departmental policy.

ENVIRONMENTAL REVIEWS

Prior to the use of any proposed borrow areas, use areas (temporary access roads, detours, run-arounds, etc.) and/or waste areas, the Contractor shall file the required environmental resource request surveys according to Section 107.22 of the Standard Specifications. These surveys are required in order for the Department to conduct cultural and biological resource surveys for the proposed site.

Prior to any waste materials being removed from the construction site the required environmental resource surveys will need to be obtained and filed by the Contractor. Excess waste products removed from the construction site shall be disposed of as required in Section 202.03 of the Standard Specifications. Any protruding metal bars shall be removed prior to the disposal of broken concrete at approved disposal sites.

The required environmental resource documentation shall include the following:
BDE Form 2289 (Environmental Survey Request)

- A location map showing the size limits and location of the use area
 - Signed Property Owner Agreement form - D4 PI0100
 - Color photographs depicting the use area
 - Borrow Area Entry Agreement form - D4 PI0101
- Please note that a minimum of two weeks shall be allowed for the District to obtain the required environmental clearances.

APPLICATION RATES

Mulch (Method 2)	2 ton/acre (4.5 metric ton/ha)
Emulsified Asphalt	75 gal/ton straw (300 L/metric ton straw)
Hydraulic Mulch	750 lb mulch and 1000 gal water per acre (850 kg mulch and 9500 L water per ha)
Nitrogen Fertilizer Nutrients	60 lb/acre (70 kg/ha)
Phosphorus Fertilizer Nutrients	60 lb/acre (70 kg/ha)
Potassium Fertilizer Nutrients	60 lb/acre (70 kg/ha)

STATUS OF UTILITIES

Station	Offset (PR. CL)	Item	Survey Notes	Conflict With
33+24.00	33'LT	PP		No Conflict
36+12.00	48'LT	PP		No Conflict
39+11.00	62'LT	PP		No Conflict
42+29.00	70'LT	PP		No Conflict
45+49.00	83'LT	PP		No Conflict
48+11.00	103'LT	PP		No Conflict
53+00.00	2'RT	PP		Proposed Roadway
53+57.00	99'LT	PP		No Conflict
56+12.00	79'LT	PP		No Conflict
56+17.00	31'RT	PP		Shoulder
58+61.00	53'LT	PP		No Conflict
59+00.00	67'RT	PP		No Conflict
60+58.00	40'LT	PP		No Conflict
61+14.00	73'RT	PP		No Conflict
62+00.00	62'LT	PP		No Conflict
62+36.00	32'LT	PP		No Conflict
63+93.00	75'RT	PP		No Conflict
66+10.00	51'LT	PP		No Conflict
66+20.00	58'RT	PP		No Conflict
68+13.00	73'LT	PP		No Conflict
68+39.00	37'RT	PP		No Conflict
69+11.00	32'RT	PP		Ditch
70+86.00	73'LT	PP		No Conflict

Spoon River Electric
Bill Dodds
930 S. 5th Avenue
Canton, IL 61520
309-647-2700

**See cross section sheets for location and depths of 6" steel gas line

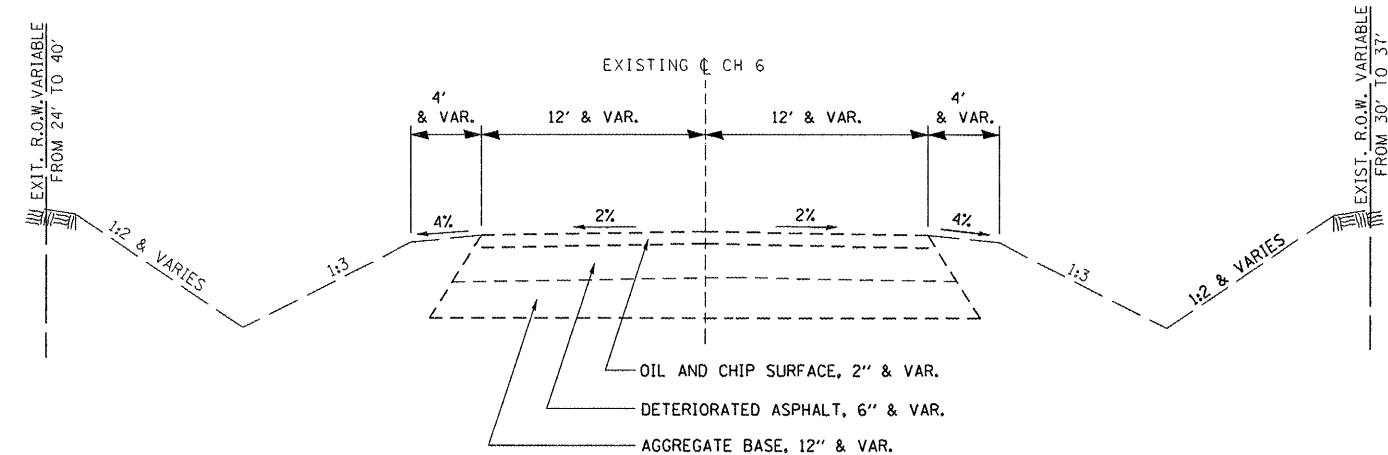
REVISIONS	
NAME	DATE

GENERAL NOTES

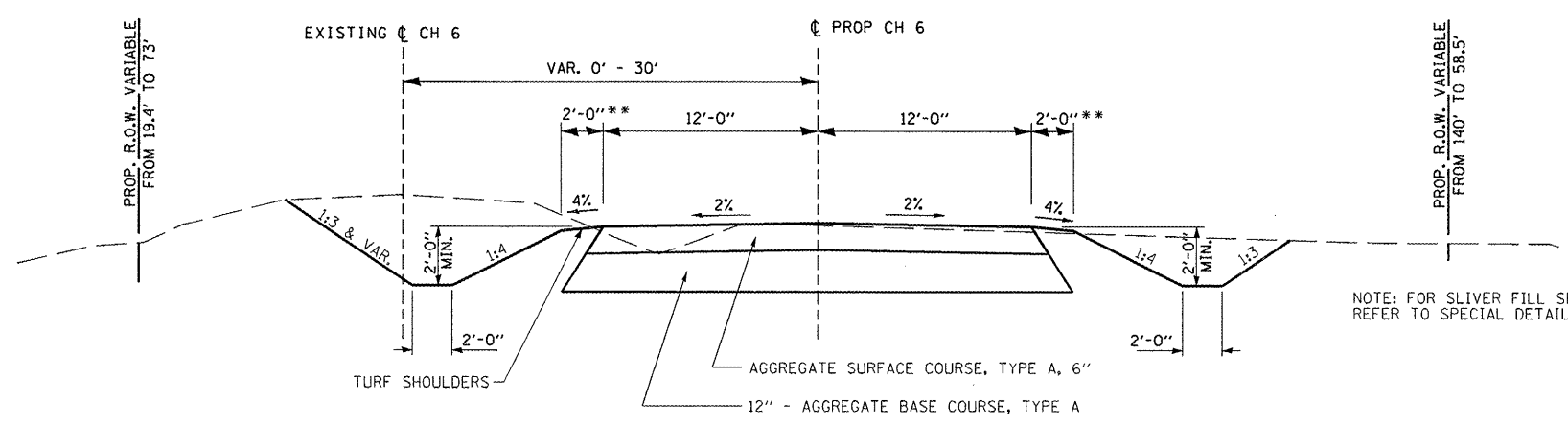
SCALE: VERT.
HORIZ.
DATE

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1458	03-00125-01-GE	FULTON	48	4
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FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

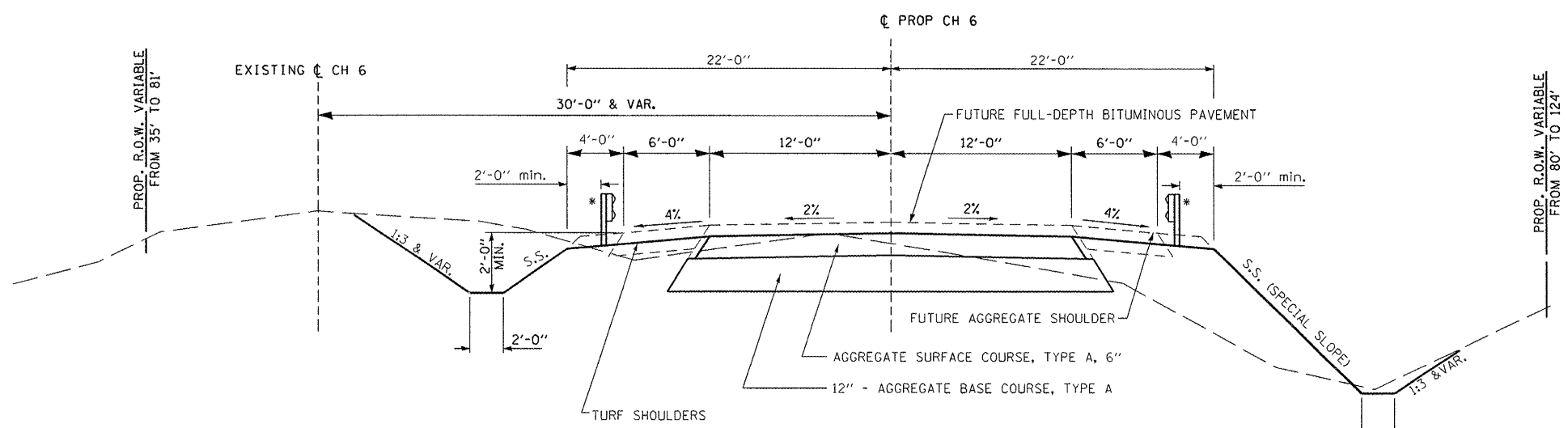


EXISTING TYPICAL SECTION



PROPOSED TYPICAL SECTION
STA 31+80.45 TO STA 38+00.00
STA 64+00.00 TO STA 70+97.16
NOTE: AGGREGATE BASE COURSE MINIMUM 12" THICKNESS

•• TURF SHOULDERS TRANSITION FROM STA. 32+00.00 TO 38+00.00



PROPOSED TYPICAL SECTION
STA 38+00.00 TO STA 64+00.00

• FOR GUARD RAIL LOCATIONS, SEE SCHEDULE OF QUANTITIES.

REVISIONS	
NAME	DATE

TYPICAL SECTIONS

SCALE: VERT. _____
HORIZ. _____

DATE _____ DRAWN BY _____
CHECKED BY _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1458	03-00125-01-GE	FULTON	48	5
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

20100500 TREE REMOVAL, ACRES

LOCATION	ACRE	REMARKS
32+00.00 TO 39+25.00 RT	0.50	
39+75.00 TO 41+00.00 RT	0.10	
45+00.00 TO 48+00.00 RT	0.40	
51+00.00 TO 56+00.00 RT	0.50	
TOTAL		1.50

20201200 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL

LOCATION	CU. YD	REMARKS
50+00.00 RT	371.9	SHORT WINGWALLS
50+71.00 AR	2302.0	UNDER CULVERT
50+71.00 AR	-244.0	OVERLAP
50+16.00 LT	603.0	LONG WINGWALLS
TOTAL		3033

21101505 TOPSOIL EXCAVATION AND PLACEMENT

LOCATION	CU. YD	REMARKS
31+80.00 TO 45+00.00	682.5	NOMINAL THICKNESS, 3"
45+00.00 TO 60+00.00	1479.6	NOMINAL THICKNESS, 3"
60+00.00 TO 71+00.00	516.6	NOMINAL THICKNESS, 3"
TOTAL		2679

25000200 SEEDING, CLASS 2

LOCATION	ACRE	REMARKS
31+80.45 TO 45+00.00	1.70	
45+00.00 TO 46+50.00	0.20	
56+50.00 TO 60+00.00	0.70	
60+00.00 TO 70+97.16	1.30	
TOTAL		4.00

25000300 SEEDING, CLASS 3

LOCATION	ACRE	REMARKS
46+50.00 TO 56+50.00	2.75	
TOTAL		2.75

25000400 NITROGEN FERTILIZER NUTRIENT

LOCATION	POUND	REMARKS
31+80.00 TO 45+00.00	152.1	
45+00.00 TO 60+00.00	330.3	
60+00.00 TO 71+00.00	113.4	
TOTAL		596

25000500 PHOSPHORUS FERTILIZER NUTRIENT

LOCATION	POUND	REMARKS
31+80.00 TO 45+00.00	152.1	
45+00.00 TO 60+00.00	330.3	
60+00.00 TO 71+00.00	113.4	
TOTAL		596

25000600 POTASSIUM FERTILIZER NUTRIENT

LOCATION	POUND	REMARKS
31+80.00 TO 45+00.00	152.1	
45+00.00 TO 60+00.00	330.3	
60+00.00 TO 71+00.00	113.4	
TOTAL		596

25100115 MULCH, METHOD 2

LOCATION	ACRE	REMARKS
31+80.00 TO 45+00.00	1.54	
45+00.00 TO 60+00.00	3.42	
60+00.00 TO 71+00.00	1.20	
TOTAL		6.25

25100630 EROSION CONTROL BLANKET

LOCATION	SQ. YD	REMARKS
42+25.00 TO 45+00.00 LT	397.2	DITCH
42+50.00 TO 45+00.00 RT	361.1	DITCH
56+50.00 TO 59+00.00 LT	361.1	DITCH
57+00.00 TO 59+50.00 RT	390.6	DITCH
60+12.00 TO 62+00.00 RT	271.6	DITCH
TOTAL		1782

28000250 TEMPORARY EROSION CONTROL SEEDING

LOCATION	POUND	REMARKS
31+80.00 TO 45+00.00	169.2	
45+00.00 TO 60+00.00	366.8	
60+00.00 TO 71+00.00	126.0	
TOTAL		662

28000300 TEMPORARY DITCH CHECKS

LOCATION	EACH	REMARKS
31+80.00 TO 45+00.00 LT	21	
31+80.00 TO 45+00.00 RT	16	
45+00.00 TO 60+00.00 LT	48	
45+00.00 TO 60+00.00 RT	39	
60+00.00 TO 71+00.00 LT	7	
60+00.00 TO 71+00.00 RT	6	
TOTAL		137

28000400 PERMETER EROSION BARRIER

LOCATION	FOOT	REMARKS
31+80.45 TO 34+50.00	269.6	
36+50.00 TO 38+00.00	150.0	
TOTAL		420

28000500 INLET AND PIPE PROTECTION

LOCATION	EACH	REMARKS
39+58.00 LT	1	END SECTIONS 24"
41+56.00 LT	1	END SECTIONS 12"
41+92.00 RT	1	END SECTIONS 12"
60+13.00 LT	1	
60+10.00 RT	1	END SECTIONS 12"
63+06.00 LT	1	
TOTAL		6

28100705 STONE DUMPED RIPRAP, CLASS A3

LOCATION	SQ. YD	REMARKS
39+50.00 TO 40+50.00 LT	144.4	DITCH LINING
38+50.00 TO 40+00.00 RT	216.7	DITCH LINING
45+00.00 TO 51+00.00 LT	866.7	DITCH LINING
45+00.00 TO 50+00.00 RT	722.2	DITCH LINING
51+25.00 TO 56+50.00 LT	758.3	DITCH LINING
50+00.00 TO 57+00.00 RT	1011.1	DITCH LINING
TOTAL		3719

28100707 STONE DUMPED RIPRAP, CLASS A4

LOCATION	SQ. YD	REMARKS
50+00.00 RT	80.0	CULVERT EXIT
51+17.00 LT	58.7	CULVERT ENTRANCE
TOTAL		139

35100200 AGGREGATE BASE COURSE TYPE A

LOCATION	CU. YD	REMARKS
31+80.00 TO 45+00.00	1289.0	
45+00.00 TO 60+00.00	1862.4	
60+00.00 TO 71+00.00	1513.7	
TOTAL		4665

35101800 AGGREGATE BASE COURSE TYPE B, 6"

LOCATION	SQ. YD	REMARKS
41+29.00 TO 41+59.00 LT	15.6	MAILBOX TURNOUT
41+75.00 LT	215.0	ENTRANCE
42+19.00 RT	155.0	ENTRANCE
59+80.00 RT	271.0	ENTRANCE
TOTAL		657

40200500 AGGREGATE SURFACE COURSE TYPE A, 6"

LOCATION	SQ. YD	REMARKS
31+80.45 TO 45+00.00	3518.8	
45+00.00 TO 60+00.00	4000.0	
60+00.00 TO 70+97.16	2925.8	
TOTAL		10445

REVISIONS	
NAME	DATE

SCHEDULE OF QUANTITIES
SHEET 1 OF 2

SCALE: VERT.
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1458	03-00125-01-GE	FULTON	48	6
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

50105220 REMOVE EXISTING CULVERTS	LOCATION	EACH	REMARKS
	51+00	1	EXISTING 96" CMP ARCH 42'
	TOTAL	1	
50105220 PIPE CULVERT REMOVAL	LOCATION	FOOT	REMARKS
	39+55.00	61.0	EXISTING ACROSS ROAD CULVERT
	TOTAL	61	
50800105 REINFORCEMENT BARS	LOCATION	POUND	REMARKS
	50+71.00 AR	96095.0	
	TOTAL	96095	
50800205 REINFORCEMENT BARS, EPOXY COATED	LOCATION	POUND	REMARKS
	50+71.00 AR	235.0	
	TOTAL	235	
54003000 CONCRETE BOX CULVERT	LOCATION	CU YD	REMARKS
	50+71.00 AR	282.3	
	TOTAL	282.3	
542D0217 PIPE CULVERT, CLASS D, TYPE 1 12"	LOCATION	FOOT	REMARKS
	41+56.00 TO 42+20.00 LT	64.0	
	41+92.00 TO 42+45.00 RT	53.0	
	59+57.00 TO 60+10.00 RT	53.0	
	TOTAL	170	
542D1909 PIPE CULVERT, CLASS D, TYPE 3 24"	LOCATION	FOOT	REMARKS
	39+45.00 AR	150.0	
	TOTAL	150	
54213447 END SECTION 12"	LOCATION	EACH	REMARKS
	41+56.00 TO 42+20.00 LT	2	
	41+92.00 TO 42+45.00 RT	2	
	59+57.00 TO 60+10.00 RT	2	
	TOTAL	6	
54213459 END SECTION 24"	LOCATION	EACH	REMARKS
	39+40.00 LT	1	
	39+58.00 RT	1	
	TOTAL	2	
54223545 REMOVE AND RELAY EXISTING CULVERT	LOCATION	FEET	REMARKS
	59+73.00 TO 60+13.00 RT	40	RELAY 77' LT OF EX. C.L.
	62+66.00 TO 63+06.00 RT	40	RELAY 77' LT OF EX. C.L.
	TOTAL	80	
63000000 STEEL PLATE BEAM GUARD RAIL, TYPE A	LOCATION	FOOT	REMARKS
	44+75.00 TO 45+00.00 RT	25.0	
	45+00.00 TO 56+00.00 RT	1100.0	
	47+50.00 TO 57+75.00 LT	1025.0	
	TOTAL	2150	
63100167 TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)	LOCATION	EACH	REMARKS
	44+75.00 RT	1	
	47+50.00 LT	1	
	56+00.00 RT	1	
	57+75.00 LT	1	
	TOTAL	4	
67100100 MOBILIZATION	LOCATION	L SUM	REMARKS
	ENTIRE JOBSITE	1	
	TOTAL	1	

70101830 TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	LOCATION	L SUM	REMARKS
	ENTIRE JOBSITE	1	
	TOTAL	1	
70101835 TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 22	LOCATION	L SUM	REMARKS
	ENTIRE JOBSITE	1	
	TOTAL	1	
78200410 GUARDRAIL MARKERS, TYPE A	LOCATION	EACH	REMARKS
	44+75.00 TO 45+00.00 RT	1	
	45+00.00 TO 56+00.00 RT	3	
	47+50.00 TO 57+75.00 LT	4	
	TOTAL	8	
78201000 TERMINAL MARKER - DIRECT APPLIED	LOCATION	EACH	REMARKS
	44+75.00 RT	1	
	47+50.00 LT	1	
	56+00.00 RT	1	
	57+75.00 LT	1	
	TOTAL	4	
Z0013798 CONSTRUCTION LAYOUT	LOCATION	L SUM	REMARKS
	ENTIRE JOBSITE	1	
	TOTAL	1	
Z0054500 ROCK FILL	LOCATION	TON	REMARKS
	50+00.00	744.0	SHORT WINGWALLS
	50+71.00 AR	4604.0	UNDER CULVERT
	50+71.00	-488.0	OVERLAP
	51+16.00	1206.0	LONG WINGWALLS
	TOTAL	6066	
Z0065100 SETTLEMENT PLATFORMS	LOCATION	EACH	REMARKS
	52+00.00	1	
	TOTAL	1	

ENTRANCE SCHEDULE (FOR INFORMATION ONLY)

REMARKS	LENGTH	WIDTH	SQ YD	EARTH EXCAVATION		AGGREGATE BASE COURSE, TYPE B 6"	
				CU YD	SQ YD	CU YD	SQ YD
				20100110		35101800	
LT STA 41+75	PE	125.9	14	215	50.0	215	
RT STA 42+19	CE	48.3	24	155	144.0	155	
RT STA 59+80	CE	66.7	35	271	278.0	271	
LT STA 59+94	CE	28.7	32	102	0.0	SALVAGE EXIST.	
LT STA 62+87	CE	52.9	23	135	0.0	SALVAGE EXIST.	

EARTHWORK SCHEDULE

LOCATION	20200100 EARTH EXCAVATION (CUT)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (25%)	EMBANKMENT (FILL)	EARTHWORK BALANCE WASTE (SHORTAGE)	
				CU YD	CU YD
FROM TO	CU YD	CU YD	CU YD	CU YD	
FAS 1458 (County Highway 6)					
32+00.00 45+50.00	5208	3906	5381	-1475	
45+50.00 60+50.00	5881	4411	56809*	-52399	
60+50.00 70+50.00	3307	2480	166	2314	
Entrances					
41+00.00 LT	0	0	0	0	
41+75.00 LT	70	52	0	52	
42+19.00 RT	144	108	0	108	
59+80.00 RT	0	0	0	0	
TOTALS	14610	10958	62357	(51399)	
	20200100 EARTH EXCAVATION			20400805 FURNISHED EXCAVATION SPECIAL	
	14610 CU YD			51399 CU YD	

*13573 CU YD OF EMBANKMENT (FILL) SHALL BE NON-RESTRICTED SOIL FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH SECTION 204

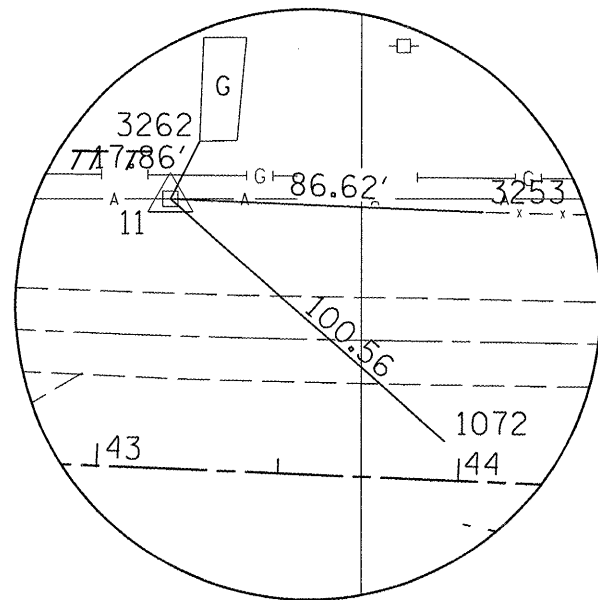
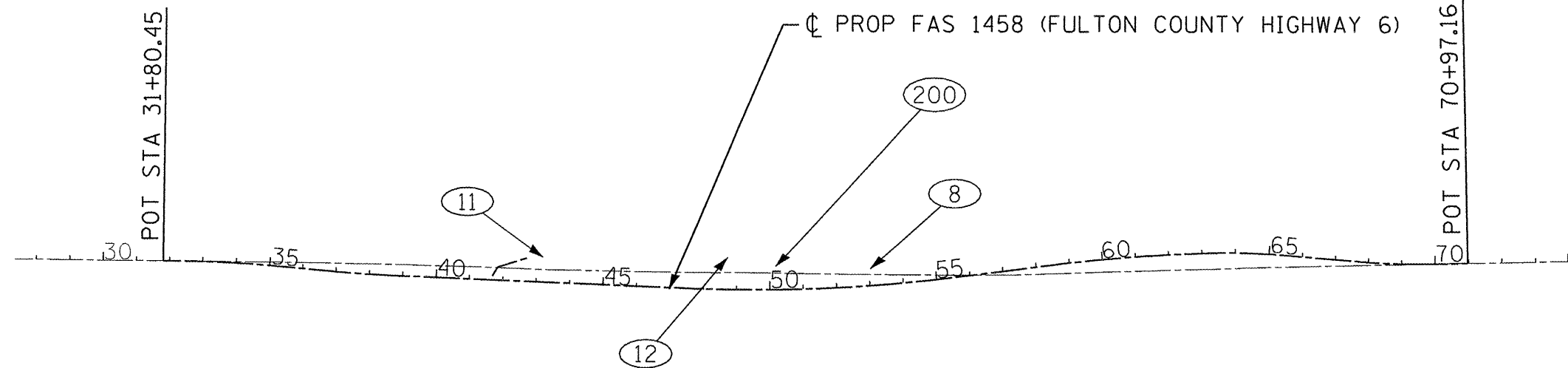
REVISIONS	
NAME	DATE

SCHEDULE OF QUANTITIES
SHEET 2 OF 2

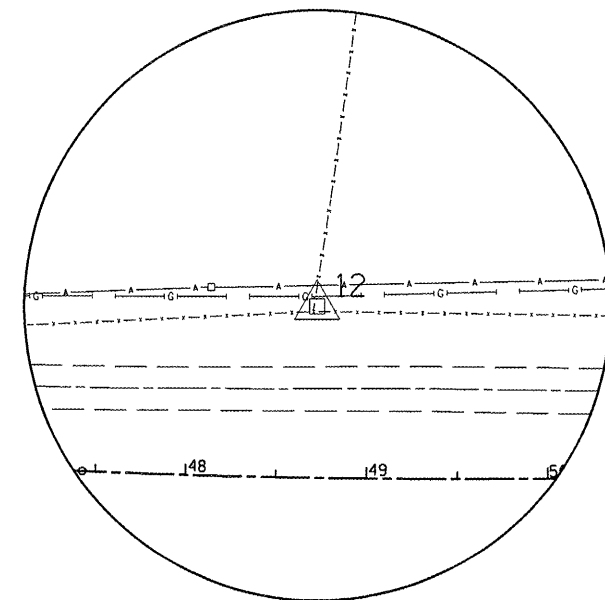
SCALE: VERT. _____
HORIZ. _____

DATE _____ DRAWN BY _____
CHECKED BY _____

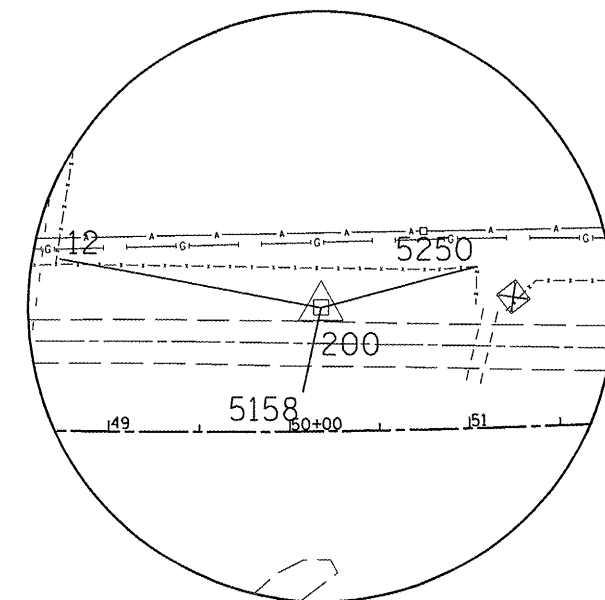
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1458	03-00125-01-GE	FULTON	48	7
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



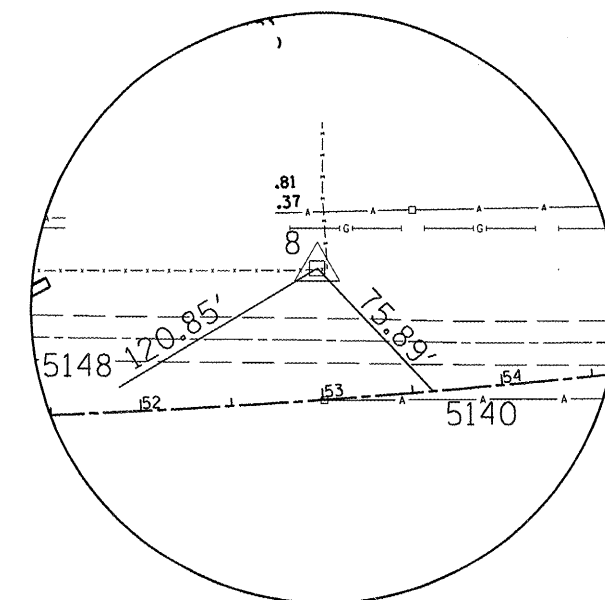
CONTROL POINT NO. 11



CONTROL POINT NO. 12



CONTROL POINT NO. 200



CONTROL POINT NO. 8

BENCHMARKS

POINT	NORTHING	EASTING	ELEVATION	STATION	OFFSET	DESCRIPTION
11	1396907.408	2339035.649	615.76	43+17.02	76.03LT	ROD FOUND
12	1396906.887	2339587.638	581.11	48+72.69	95.76LT	ROD FOUND
200	1396880.538	2339732.129	563.29	50+18.94	67.93LT	LANDSCAPE NAIL (AERIAL TARGET)
8	1396874.804	2340015.621	563.58	53+04.71	48.92LT	ROD FOUND
555	1396967.316	2344131.286	618.13			GPS CONTROL PT

REVISIONS	
NAME	DATE

HORIZONTAL AND VERTICAL CONTROL

SCALE: VERT. _____
 HORIZ. _____
 DATE _____

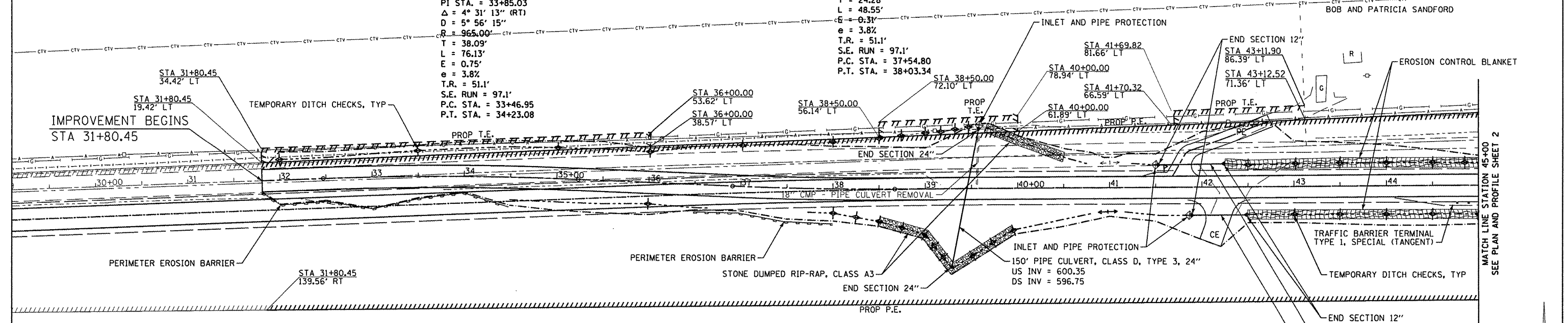
DRAWN BY RAW
 CHECKED BY RJA

SEC. 14, T6N, R4E, 4th PM
 PROP. CURVE CH6STG1-1
 PI STA. = 33+85.03
 $\Delta = 4^\circ 31' 13''$ (RT)
 $D = 5^\circ 56' 15''$
 $R = 965.00'$
 $T = 38.09'$
 $L = 76.13'$
 $E = 0.75'$
 $e = 3.8\%$
 $T.R. = 51.1'$
 $S.E. RUN = 97.1'$
 $P.C. STA. = 33+46.95$
 $P.T. STA. = 34+23.08$

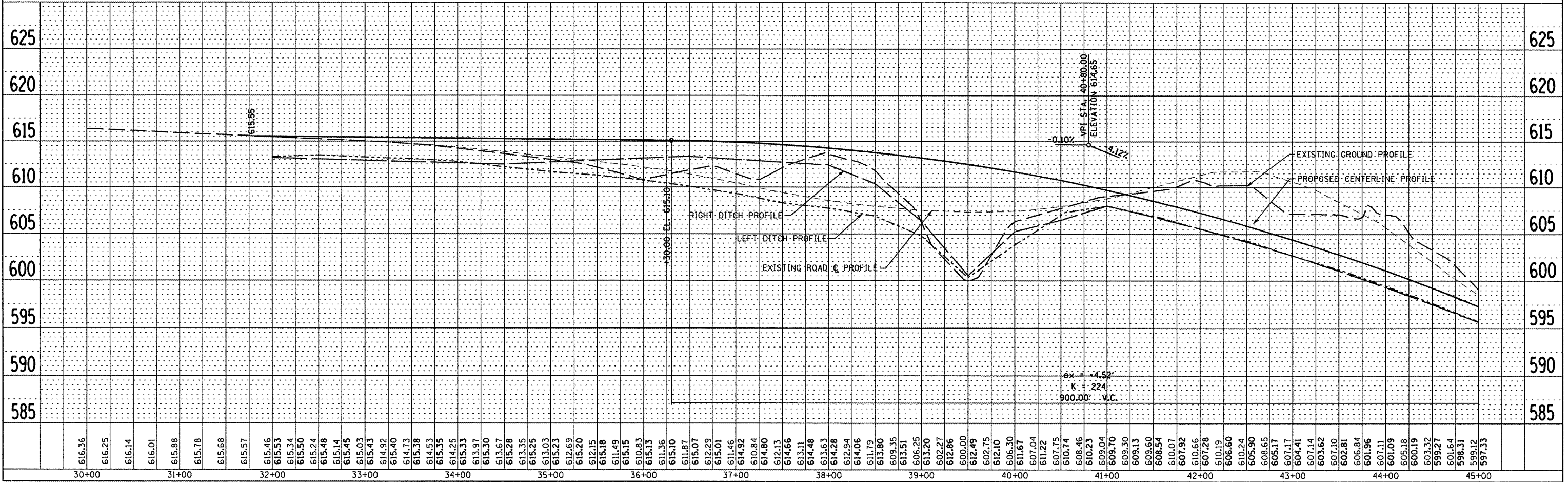
LYLE A. RAY & JANET K. RAY

PROP. CURVE CH6STG1-2
 PI STA. = 37+79.08
 $\Delta = 2^\circ 52' 56''$ (LT)
 $D = 5^\circ 56' 15''$
 $R = 965.00'$
 $T = 24.28'$
 $L = 48.55'$
 $e = 0.31\%$
 $e = 3.8\%$
 $T.R. = 51.1'$
 $S.E. RUN = 97.1'$
 $P.C. STA. = 37+54.80$
 $P.T. STA. = 38+03.34$

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1458	03-00125-01-GE	FULTON	48	8
STA. 31+80.45		TO STA. 45+00.00		
FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT

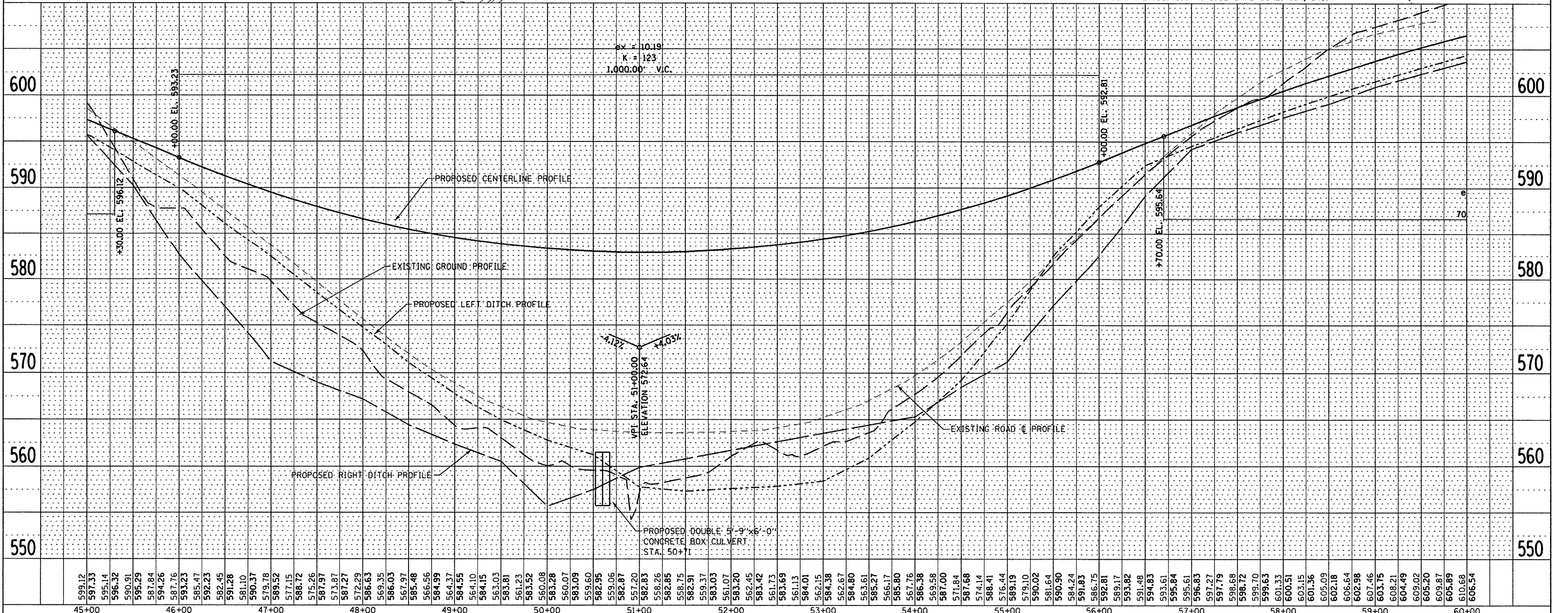
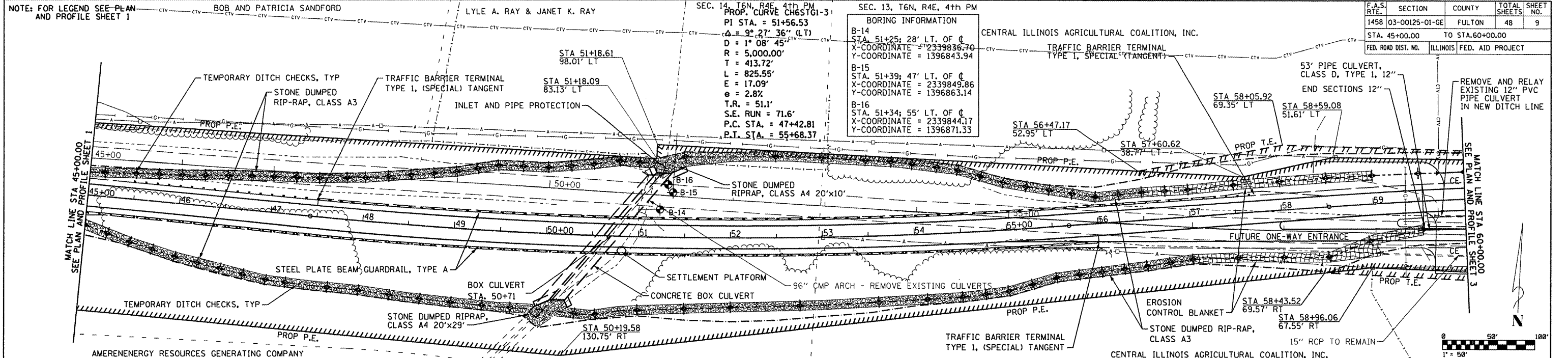


LEGEND		EROSION CONTROL	
	PROP PERMANENT EASEMENT (PE)		TEMPORARY DITCH CHECK
	PROP TEMPORARY EASEMENT (TE)		PIPE AND INLET PROTECTION
	PERIMETER EROSION BARRIER		EROSION CONTROL BLANKET
	LIMITS OF CONSTRUCTION		STONE DUMPED RIP-RAP
	PROPOSED DITCH LINE		DITCH SUMMIT
	SECTION LINE		AERIAL ELECTRIC/CABLE (AE)
	UNDERGROUND CABLE/TV		GAS & FIBER OPTIC (G&FO)



NOTE: FOR LEGEND SEE PLAN AND PROFILE SHEET 1

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1458	03-00125-01-GE	FULTON	48	9
STA. 45+00.00		TO STA. 60+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



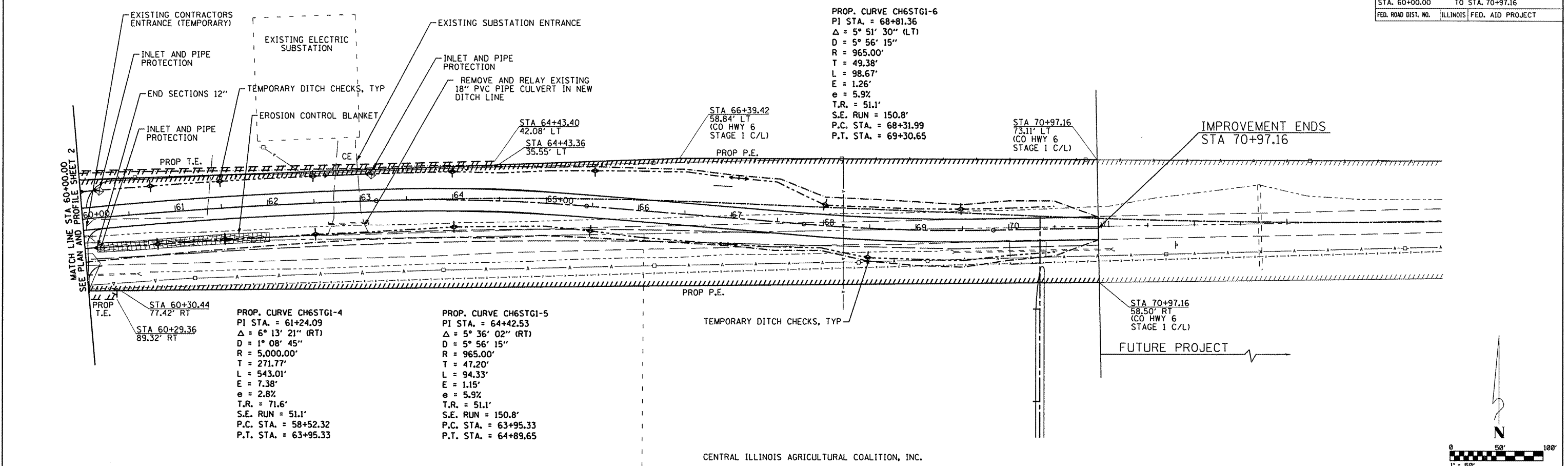
599.12	597.33	595.14	596.32	590.91	595.29	587.84	594.26	587.76	593.23	585.47	592.23	582.45	591.28	581.10	590.37	579.78	589.52	577.15	588.72	575.26	587.97	573.87	587.27	572.29	586.63	569.35	586.03	567.97	585.48	566.56	584.99	564.37	584.55	564.10	584.15	563.03	583.81	561.23	583.52	560.08	583.28	560.07	583.09	559.60	582.95	559.06	582.87	557.20	582.83	558.26	582.85	558.75	582.91	559.37	583.03	561.07	583.20	562.45	583.42	561.73	583.69	561.13	584.01	562.15	584.38	562.67	584.80	566.17	585.80	567.76	586.38	569.58	587.00	571.84	587.68	574.14	588.41	576.44	589.19	579.10	590.02	581.64	590.90	584.24	591.83	592.81	589.17	593.82	591.48	594.83	593.61	595.61	596.83	597.27	597.79	598.68	598.72	598.70	599.63	601.33	600.51	603.15	601.36	605.09	602.18	606.64	602.98	607.46	603.75	608.21	604.49	609.02	605.20	609.87	605.89	610.68	606.54
45+00	46+00	47+00	48+00	49+00	50+00	51+00	52+00	53+00	54+00	55+00	56+00	57+00	58+00	59+00	60+00																																																																																																						

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1458	03-00125-01-GE	FULTON	48	10
STA. 60+00.00		TO STA. 70+97.16		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

NOTE: FOR LEGEND SEE PLAN AND PROFILE SHEET 1

SEC. 13, T6N, R4E, 4th PM

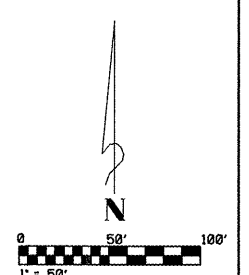
CENTRAL ILLINOIS AGRICULTURAL COALITION, INC.



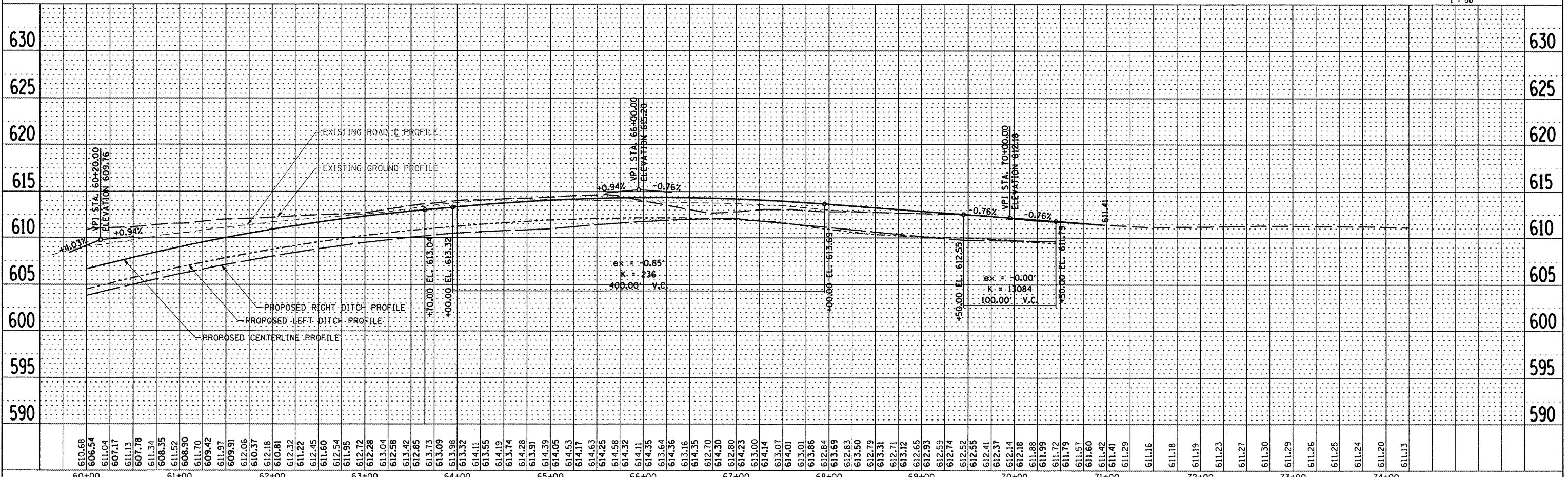
PROP. CURVE CH6STG1-6
 PI STA. = 68+81.36
 $\Delta = 5^\circ 51' 30''$ (LT)
 $D = 5^\circ 56' 15''$
 $R = 965.00'$
 $T = 49.38'$
 $L = 98.67'$
 $E = 1.26'$
 $e = 5.9\%$
 $T.R. = 51.1'$
 $S.E. RUN = 150.8'$
 $P.C. STA. = 68+31.99$
 $P.T. STA. = 69+30.65$

PROP. CURVE CH6STG1-4
 PI STA. = 61+24.09
 $\Delta = 6^\circ 13' 21''$ (RT)
 $D = 1^\circ 08' 45''$
 $R = 5,000.00'$
 $T = 271.77'$
 $L = 543.01'$
 $E = 7.38'$
 $e = 2.8\%$
 $T.R. = 71.6'$
 $S.E. RUN = 51.1'$
 $P.C. STA. = 58+52.32$
 $P.T. STA. = 63+95.33$

PROP. CURVE CH6STG1-5
 PI STA. = 64+42.53
 $\Delta = 5^\circ 36' 02''$ (RT)
 $D = 5^\circ 56' 15''$
 $R = 965.00'$
 $T = 47.20'$
 $L = 94.33'$
 $E = 1.15'$
 $e = 5.9\%$
 $T.R. = 51.1'$
 $S.E. RUN = 150.8'$
 $P.C. STA. = 63+95.33$
 $P.T. STA. = 64+89.65$



CENTRAL ILLINOIS AGRICULTURAL COALITION, INC.



F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1458	03-00125-01-GE	FULTON	49	11
FED. AID PROJECT NO. RS-1458(102)				
FED. ROAD DIST. NO.		ILLINOIS		

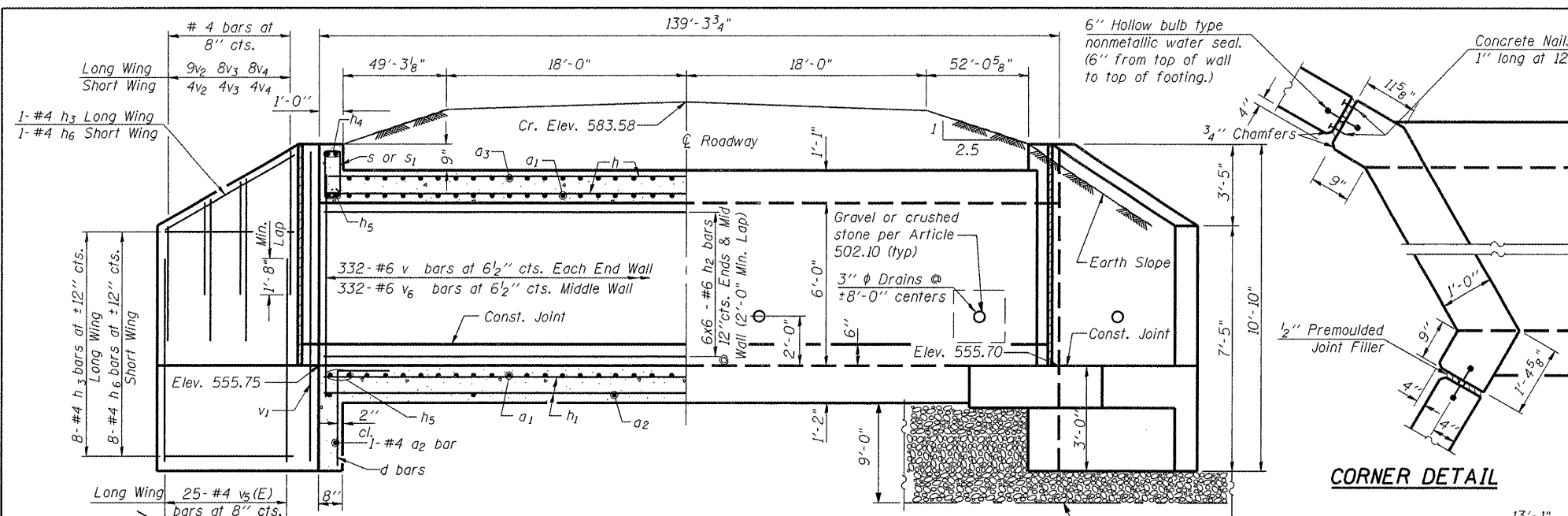
WATERWAY INFORMATION TABLE

Route: FAS 1458 Exist. S.N.: N/A Computed: GBM Date: 11/16/2005
 Section: 03-00125-03-GE Prop. S.N.: N/A Checked: Date:
 County: Fulton Waterway: Buckheart Cr.

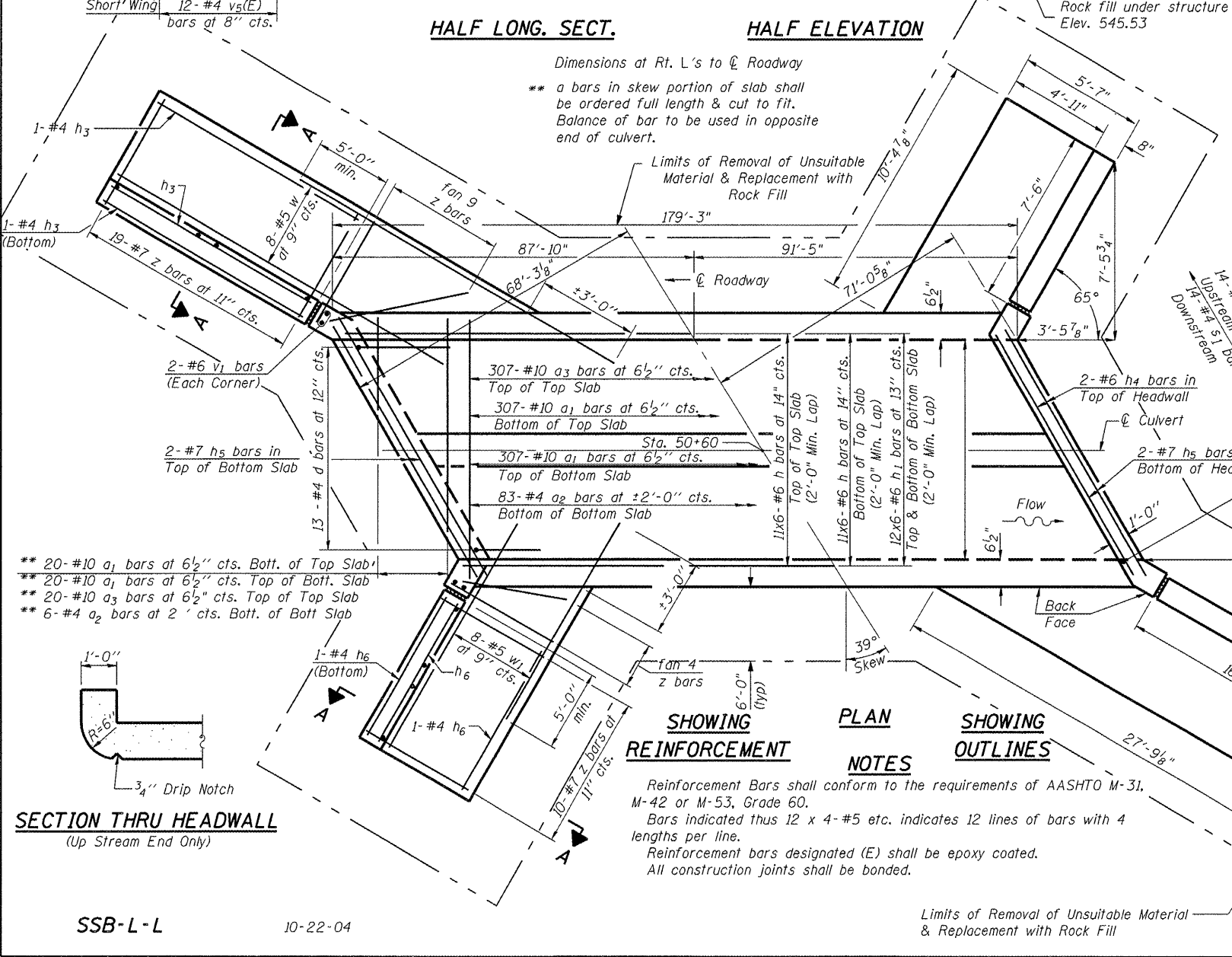
Drainage Area = 3.3 sq. mi.	Existing Low Grade Elevation = 556.75 ft. @ Sta 51+00	Proposed Low Grade Elevation = 583.46 ft. @ Sta 51+00				
Flood Frequency Year	Discharge (c.f.s.)	Waterway Opening (sq.ft.)	Natural H.W.E.	Head (ft.) Existing	Headwater Elev. Existing	Headwater Elev. Proposed
10	810	50	567.87*	0.0	567.87	567.87
20	1063	50	573.81*	0.0	573.81	580.62

DATUM: ALL-TIME H.W.E. & DATE: Unknown, but due to upstream dam failure
SCOPE OF WORK:

EXISTING STRUCTURE	PROPOSED STRUCTURE
TYPE: Double 96" Corrugated Culvert	TYPE: Double 5'-9"x6'-0" Concrete Box Culvert
LENGTH: 42'	LENGTH: 179'-3"
SPANS: Single	SPANS: Double
LOW BEAM: N/A	LOW BEAM: N/A
SKEW: 0°	SKEW: 39°



CORNER DETAIL



HALF LONG. SECT. HALF ELEVATION

Dimensions at Rt. L's to C Roadway
 ** a bars in skew portion of slab shall be ordered full length & cut to fit. Balance of bar to be used in opposite end of culvert.

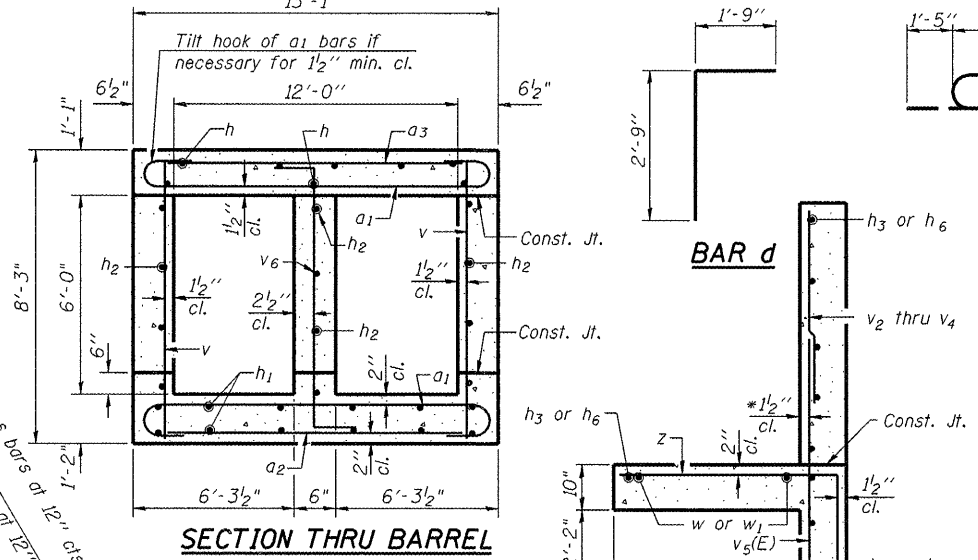
PLAN NOTES

Reinforcement Bars shall conform to the requirements of AASHTO M-31, M-42 or M-53, Grade 60.
 Bars indicated thus 12 x 4-#5 etc. indicates 12 lines of bars with 4 lengths per line.
 Reinforcement bars designated (E) shall be epoxy coated.
 All construction joints shall be bonded.

SECTION THRU HEADWALL
 (Up Stream End Only)

SSB-L-L

10-22-04



SECTION THRU BARREL

SECTION A-A

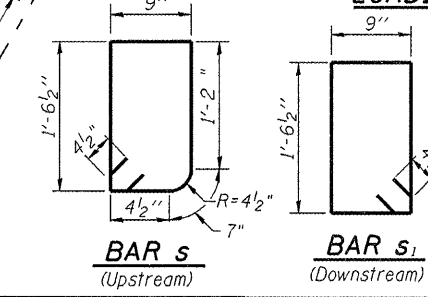
* v bars shall not be placed more than 1/2" cl. from back face of wingwall.

DESIGN STRESSES

fy = 60,000 psi
 f'c = 3,500 psi

Max. Soil Pressure under footing = 2974 psf

LOADING HS 20-44 & ALT.



BAR s
 (Upstream)

BAR s1
 (Downstream)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a1	654	#10	15'-7"	C
a2	91	#4	12'-3"	—
a3	327	#10	12'-3"	—
d	26	#4	4'-6"	J
h	132	#6	31'-7"	—
h1	144	#6	31'-7"	—
h2	108	#6	31'-7"	—
h3	22	#4	16'-0"	—
h4	4	#6	16'-2"	—
h5	8	#7	16'-10"	—
h6	22	#4	7'-3"	—
s	14	#4	5'-2"	—
s1	14	#4	5'-4"	—
v	664	#6	7'-11"	—
v1	8	#6	10'-6"	—
v2	26	#4	7'-6"	—
v3	24	#4	6'-4"	—
v4	24	#4	5'-3"	—
v5(E)	74	#4	4'-9"	—
v6	332	#6	9'-10"	—
w	16	#5	20'-3"	—
w1	16	#5	11'-11"	—
z	84	#7	8'-0"	J
Concrete Box Culverts	Cu. Yd.	282.3		
Reinforcement Bars, Epoxy Coated	Pound	235		
Reinforcement Bars	Pound	96,095		

NOTE: PRECAST OPTION WILL NOT BE ALLOWED

REVISIONS

NAME	DATE

DOUBLE 5'-9" x 6'-0" BOX CULVERT STA 50+71

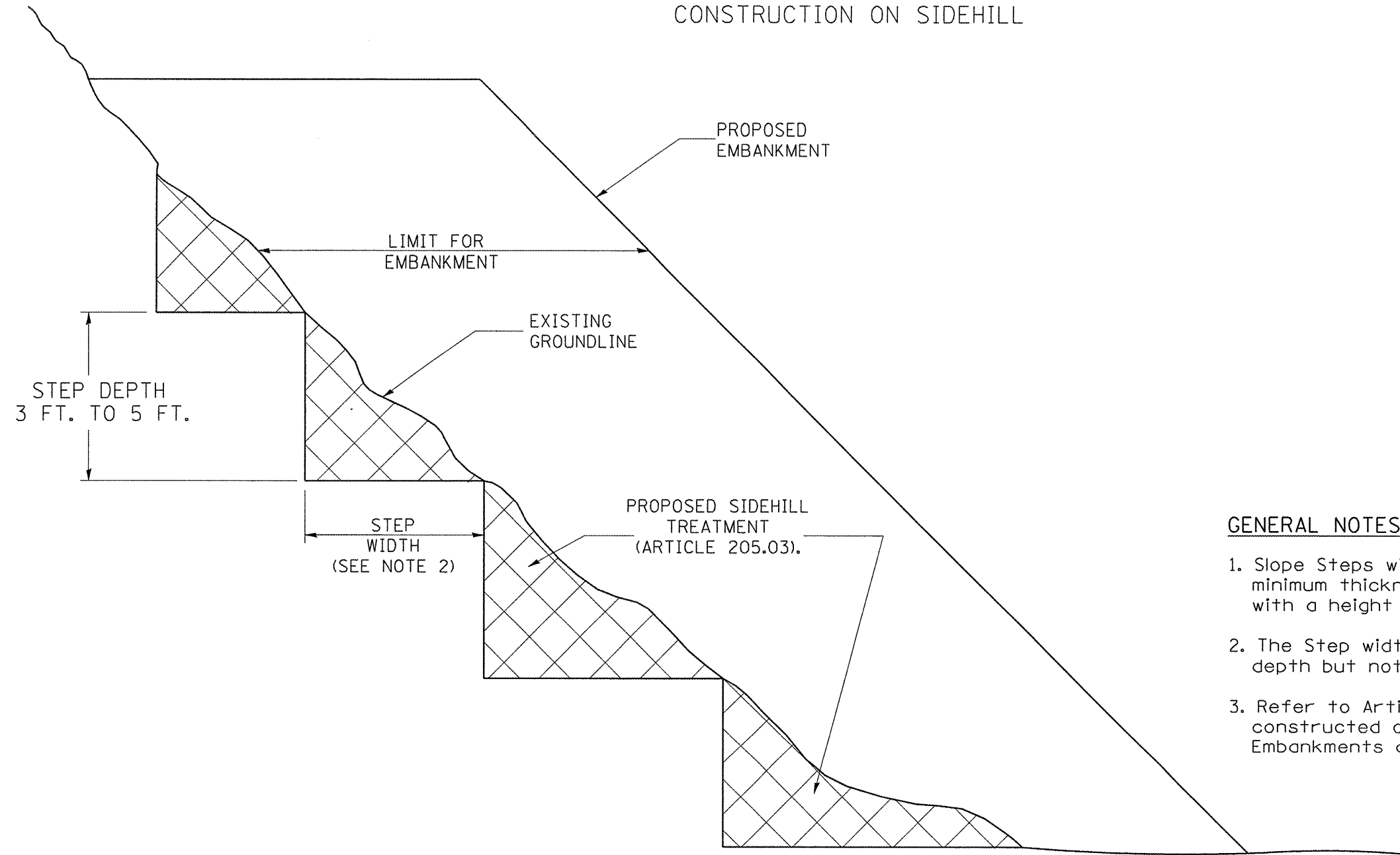
DESIGNED BY: GBM
 CHECKED BY: BEC
 DATE 04/21/06

DRAWN BY: LAD
 CHECKED BY: GBM

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1458	03-00125-01-GE	FULTON	48	12
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SLOPE STEPS DETAIL

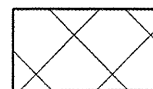
TYPICAL CROSS-SECTION EMBANKMENT
CONSTRUCTION ON SIDEHILL



GENERAL NOTES:

1. Slope Steps will be required for all 12" minimum thickness "sliver fills" and on a fills with a height of 10'.
2. The Step width shall be twice the Step depth but not less than 6 feet.
3. Refer to Article 205.03 for Embankment to be constructed on Hillside or Slopes, or if existing Embankments are to be widened.

REPLACEMENT MATERIAL:



STANDARD EMBANKMENT
(IN ACCORDANCE WITH
205 OF THE STANDARD SPECIFICATION).

IDOT DISTRICT DETAIL 205001-D4

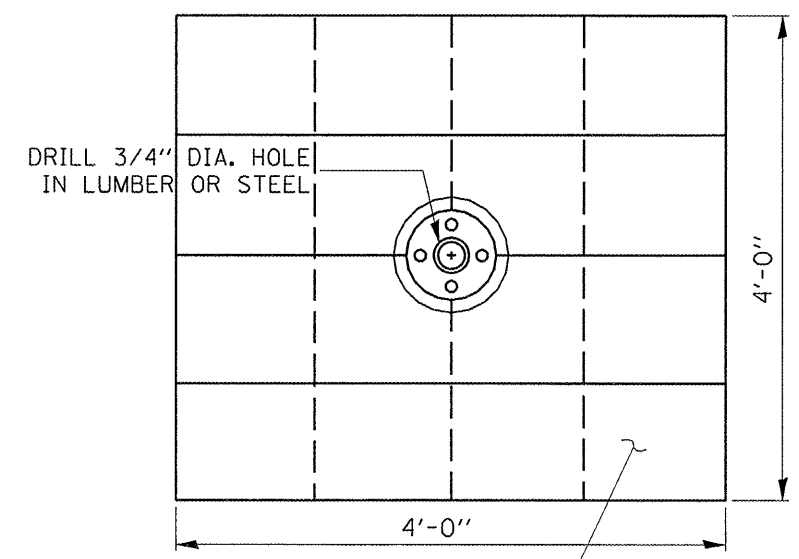
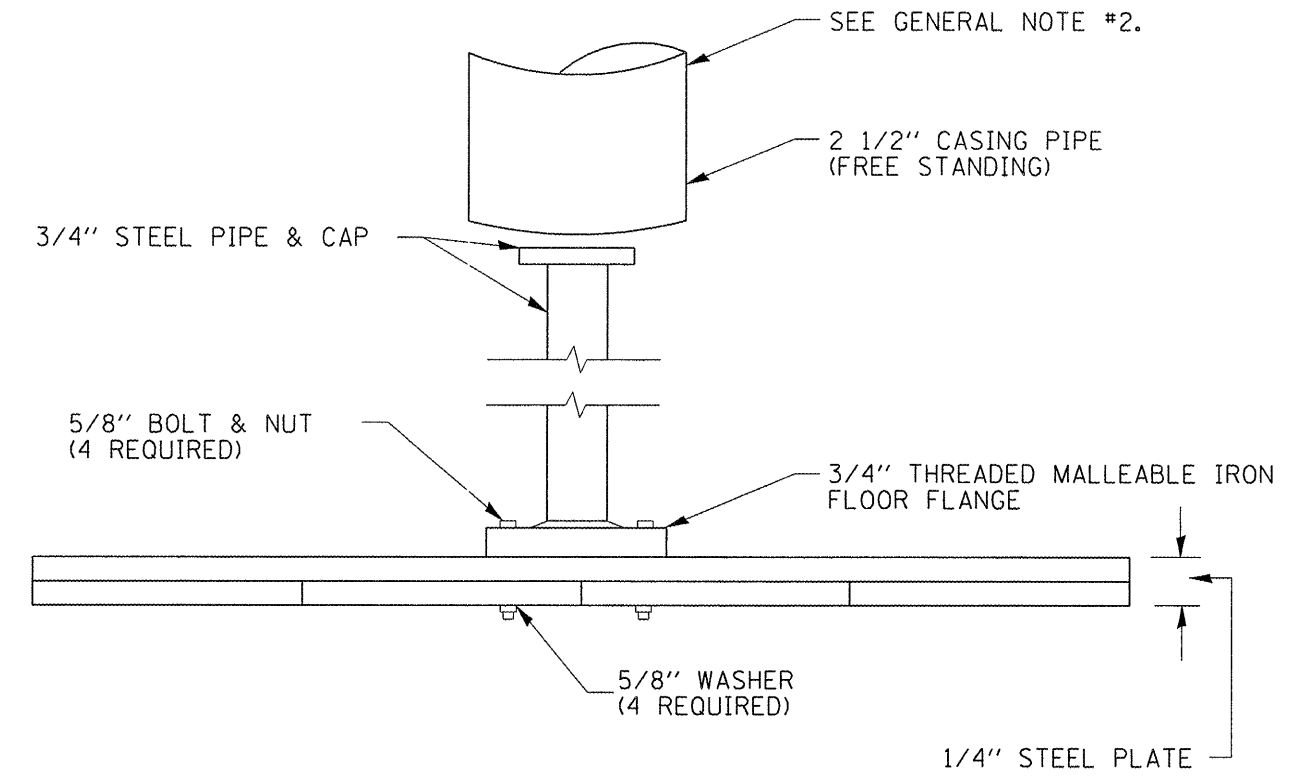
REVISIONS	
NAME	DATE

SCALE: VERT.
HORIZ.
DATE

DRAWN BY
CHECKED BY

SLOPE STEPS DETAIL

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
145B	03-00125-01-GE	FULTON	48	13
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



SOUND LUMBER - 1" x 12" NAILED TOGETHER OR 1/4" THICK BY 4' SQUARE STEEL PLATE

GENERAL NOTES:

1. Settlement Platform shall be in accordance with the applicable portions of Article 204.06 of the Standard Specifications.
2. Do Not install casing pipe until after one section of 3/4" has been covered with earth. The casing pipe should not rest on platform.

IDOT DISTRICT DETAIL 205101-D4

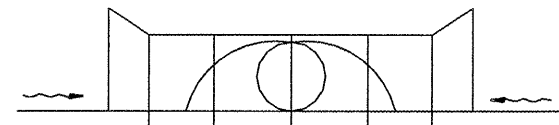
REVISIONS	
NAME	DATE

SETTLEMENT PLATFORM

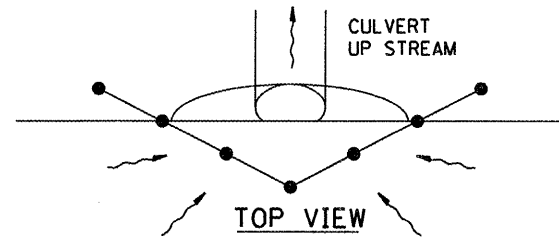
SCALE: VERT.
HORIZ.
DATE

DRAWN BY
CHECKED BY

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
145B	03-00125-01-GE	FULTON	48	14
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

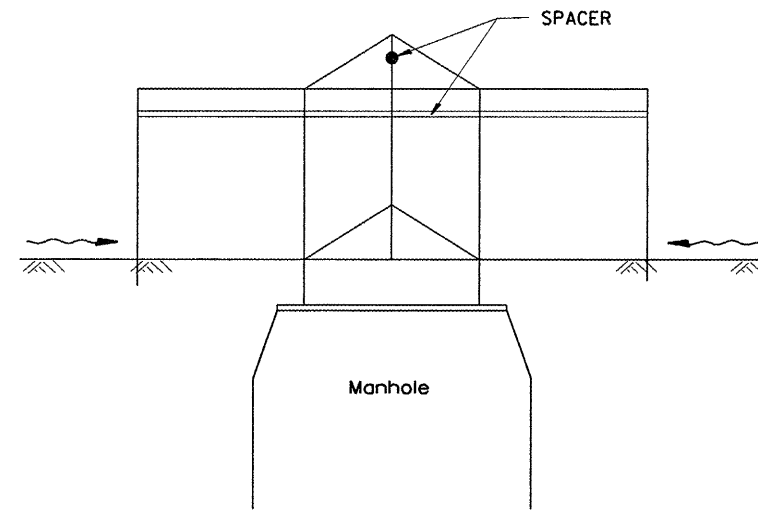


FRONT VIEW

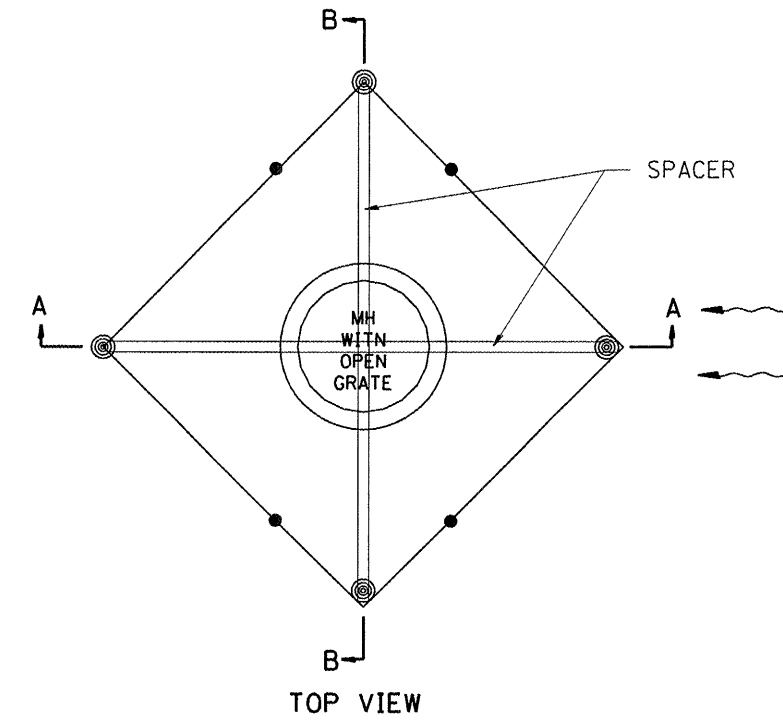


TOP VIEW

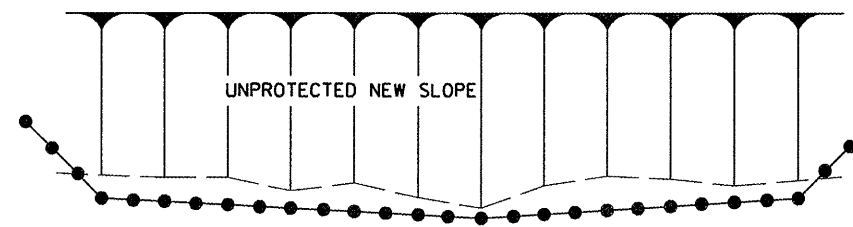
UPSTREAM PIPE CULVERT EROSION CONTROL



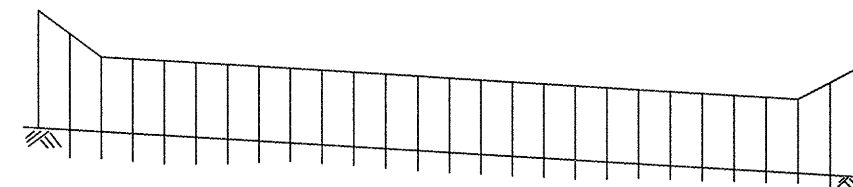
SIDE VIEW
A-A



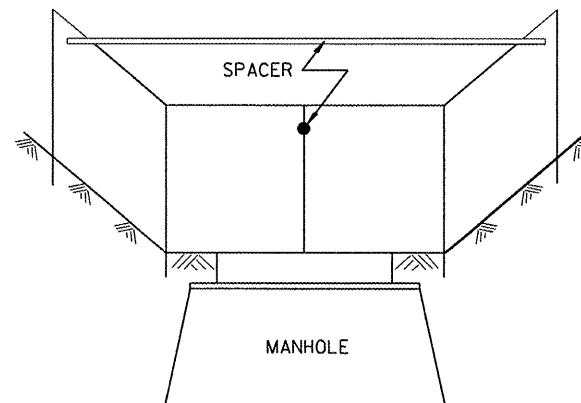
TOP VIEW



TOP VIEW



FRONT VIEW



Front View
B-B

EROSION CONTROL
AT
OPEN GRATE MAN HOLE

GENERAL NOTES:

1. This work shall be performed in accordance with Sections 280 & 1081, of the Standard Specifications.
2. Additional Timber or Metal Post shall be installed, as needed.

IDOT DISTRICT DETAIL 280001-D4

REVISIONS	
NAME	DATE

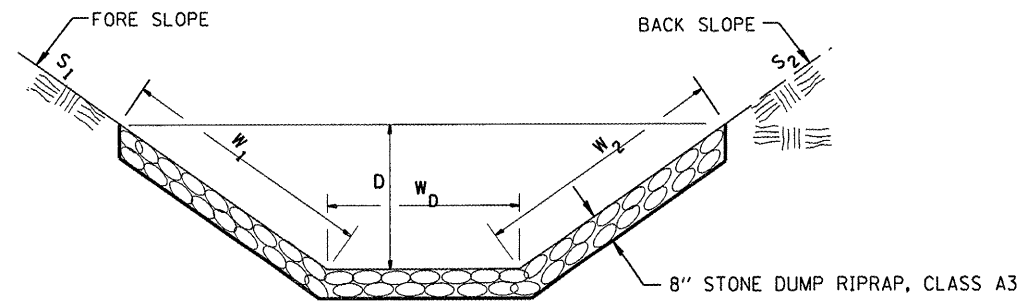
TYPICAL APPLICATION
OF
SILT FILTER FENCE

SCALE: VERT.
HORIZ.
DATE

DRAWN BY
CHECKED BY

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1458	03-00125-01-GE	FULTON	48	15
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

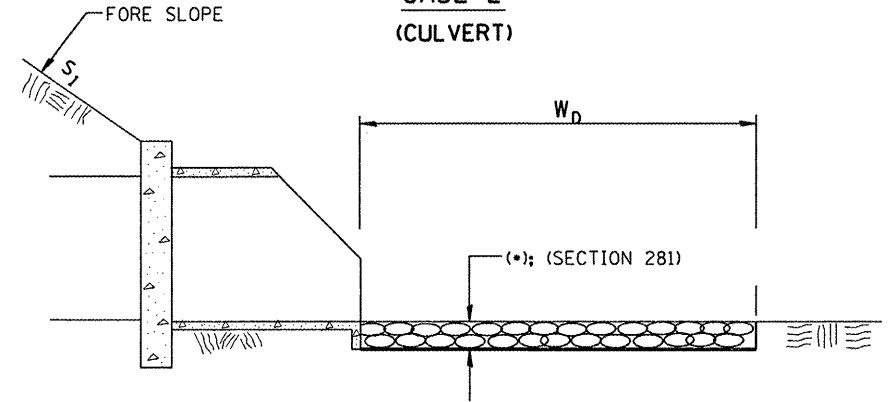
**CASE 1
(DITCH)**



LOCATION	WIDTH (1)	LENGTH	RIPRAP
STA TO STA	lin ft	lin ft	sq yds
39+50 TO 40+50 LT	13.0	100.0	144.4
38+50 TO 40+00 RT	13.0	150.0	216.7
45+00 TO 51+00 LT	13.0	600.0	866.7
45+00 TO 50+00 RT	13.0	500.0	722.2
51+25 TO 56+50 LT	13.0	525.0	758.3
50+00 TO 57+00 RT	13.0	700.0	1011.1
TOTAL			3719

(1) WIDTH = $W_1 + W_2 + W_D$

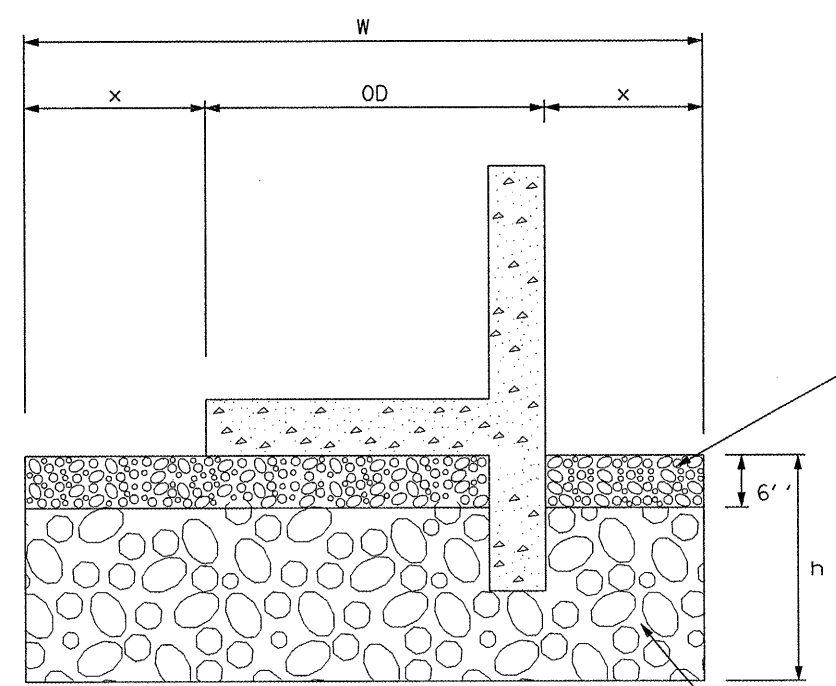
**CASE 2
(CULVERT)**



LOCATION	WIDTH (1)	LENGTH	RIPRAP
STA TO STA	lin ft	lin ft	sq yds
50+00	29.0	20.0	64.4
51+17	10.0	20.0	22.2
TOTAL			87

(1) WIDTH = W_D

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

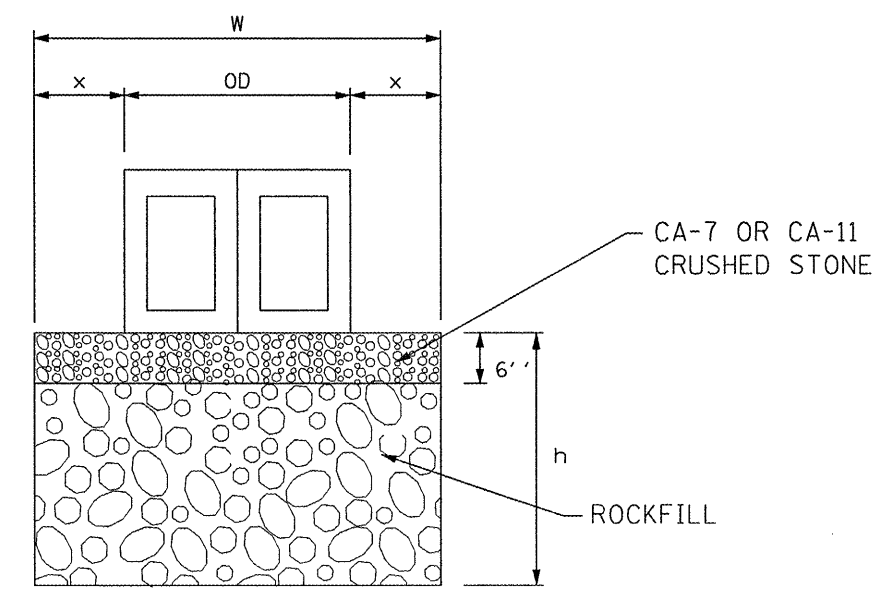


UNDERCUT FOR WINGWALLS

CULVERT LOCATION	UNDERCUT			
	DEPTH	WIDTH		
	h	x	OD	W
STA. 50+71 - UNDER CULVERT	9'-0"	6'-0"	13'-1"	25'-1"
STA. 50+00-SOUTH WW (SHORT)	9'-0"	6'-0"	5'-7"	17'-7"
STA. 50+00-SOUTH WW (LONG)	9'-0"	6'-0"	5'-7"	17'-7"
STA. 51+16-NORTH WW (SHORT)	9'-0"	6'-0"	5'-7"	17'-7"
STA. 51+16-NORTH WW (LONG)	9'-0"	6'-0"	5'-7"	17'-7"

GENERAL NOTES:

- DEFINITIONS:
 OD = Outside Diameter or outside width of box culvert
 h = Depth of undercut (the upper 6" of CA-7 or CA-11 crushed stone is included in cost of rock fill)
 x = Distance from culvert/wingwall to limits of removal of unsuitable material; minimum 2 feet for box culverts.
 W = Width of undercut = $2x + OD$
- See Special Provisions, Rock Fill, for material gradation.



UNDERCUT FOR BOX CULVERT

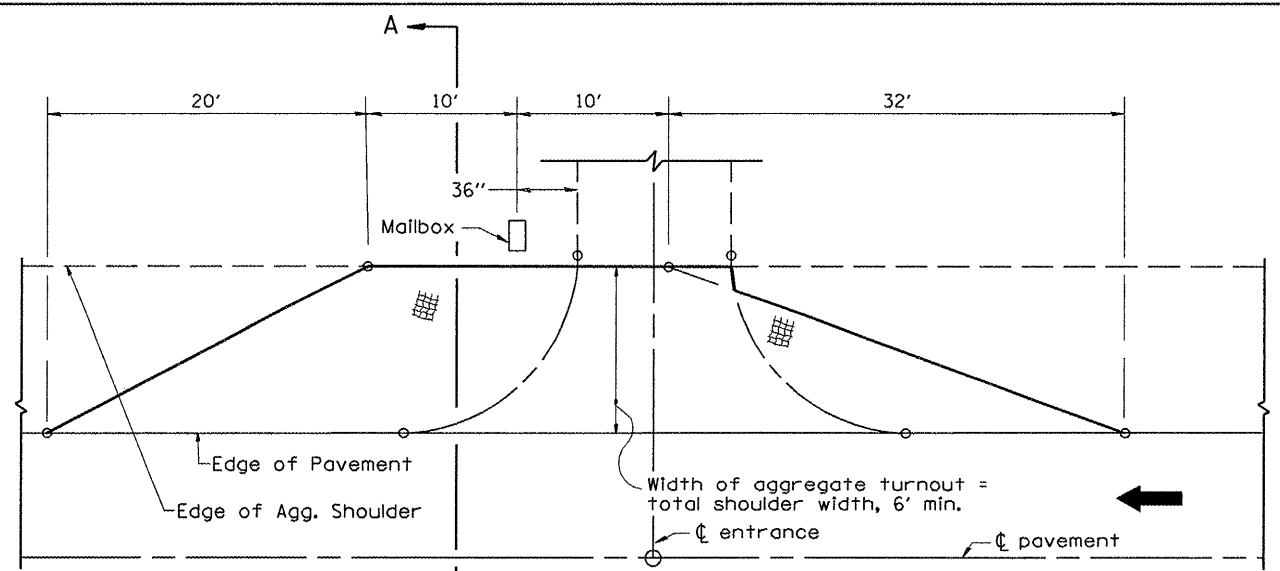
REVISIONS	
NAME	DATE

**RIPRAP DITCH FOR
EROSION PROTECTION &
UNSUITABLE EXCAVATION
TREATMENT FOR CULVERTS**

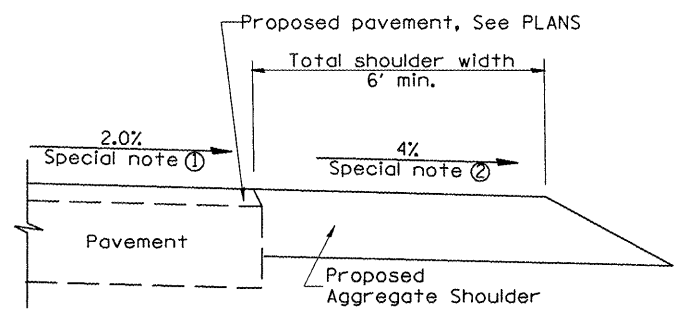
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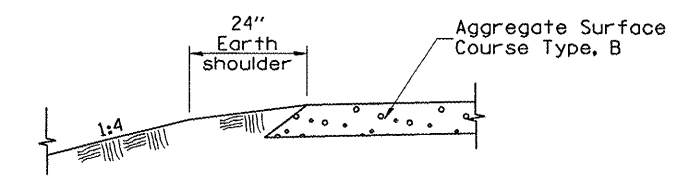
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1458	03-00125-01-GE	FULTON	48	16
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



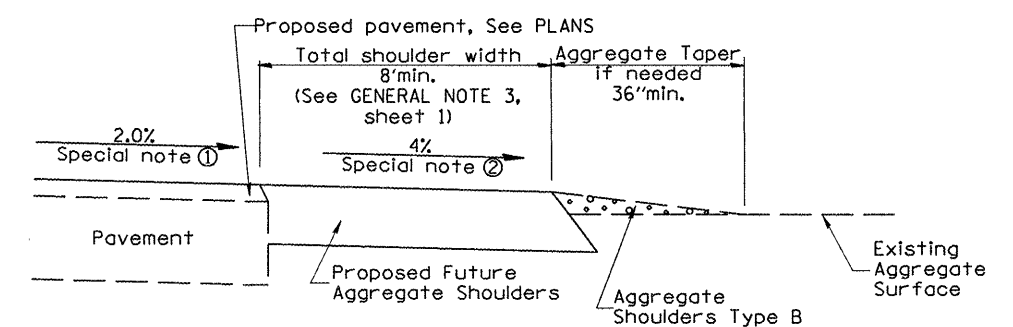
MAILBOX TURNOUT
Mailbox on far side of entrance



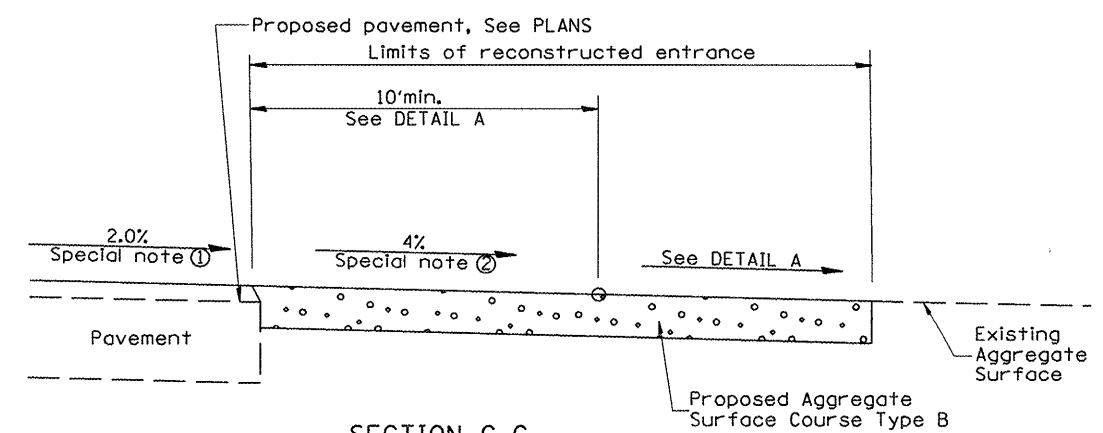
SECTION A-A



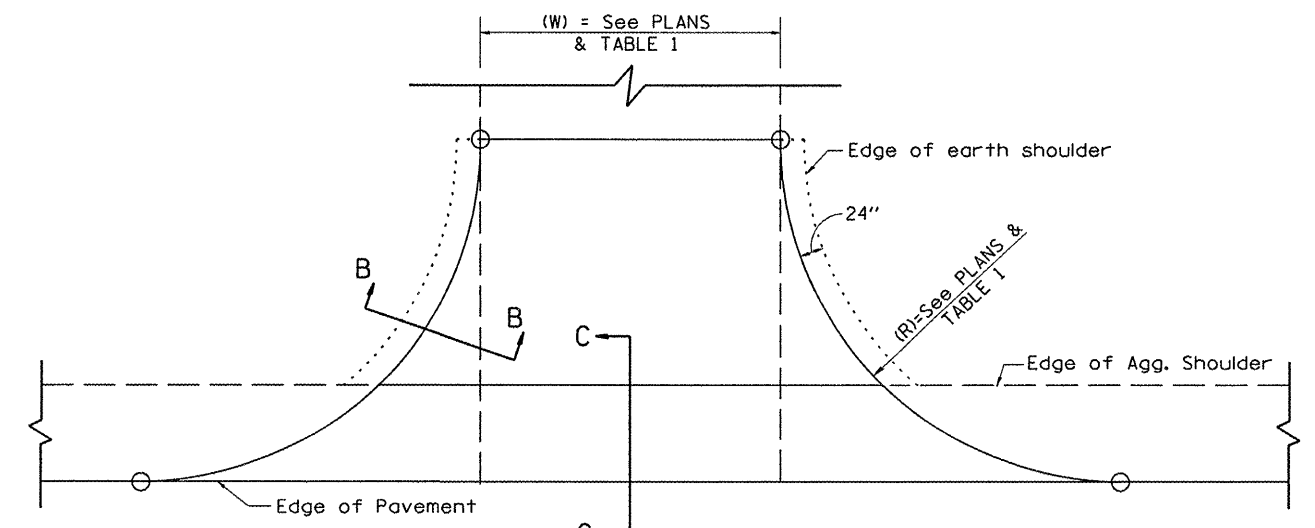
SECTION B-B
SHOULDER TREATMENT FOR AGGREGATE ENTRANCES



SECTION C-C
EXISTING AGGREGATE ENTRANCE

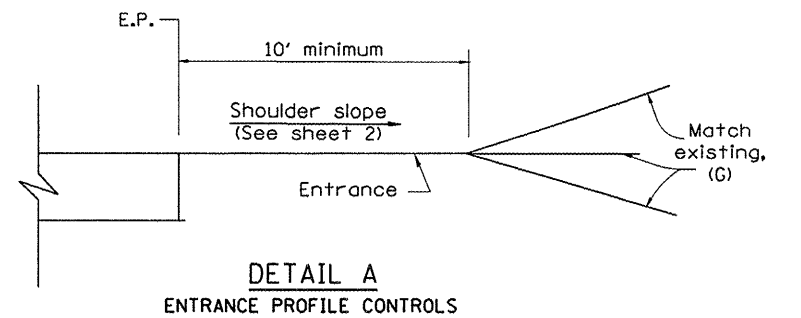


SECTION C-C
RECONSTRUCTED AGGREGATE ENTRANCE



PLAN
AGGREGATE ENTRANCE

ELEMENT	NON-COMMERCIAL		NON-COMMERCIAL W/ LARGE FARM EQUIPMENT		COMMERCIAL			
	12' MIN.	24' MAX.	20' MIN.	30' MAX.	1-WAY OPERATION		2-WAY OPERATION	
WIDTH (W)	12' MIN.	24' MAX.	20' MIN.	30' MAX.	14' MIN.	24' MAX.	24' MIN.	35' MAX.
RADIUS (R)	10' MIN.	40' MAX.	10' MIN.	40' MAX.	20' MIN.	50' MAX.	20' MIN.	50' MAX.
MAX. GRADE (G)	12%		12%		10%			



DETAIL A
ENTRANCE PROFILE CONTROLS

GENERAL NOTES

- Entrances shall slope away from the pavement edge at a rate equal to the shoulder slope for a minimum distance of 10'. See DETAIL 'A'.
- The total shoulder width, 6' minimum, shall be paved between sideroads, entrances and/or mailbox turnouts, at locations where the distance between radius or taper control points is less than 50'.
- The width of bituminous stub for field entrances shall be equal to the bituminous shoulder width unless otherwise shown.

SPECIAL NOTES

- The mainline pavement cross-slope is 2.0% for tangent alignment. See PLANS for cross-slope on super-elevated horizontal curves.
- The shoulder slope shall control the entrance profile for a distance of 10' minimum from the pavement edge. The shoulder cross-slope is 4% for tangent alignment. Through super-elevated curves, the maximum pavement-shoulder breakover should not be greater than 10% for shoulders 6' and wider and 12% for shoulders 4' and less. Where 12" paved shoulders are provided, the breakover should be at the edge of the paved shoulder rather than at the pavement edge.

All slopes ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

IDOT DISTRICT DETAIL 406301-D4

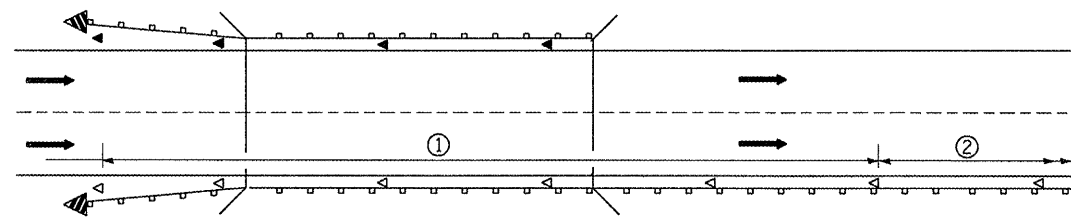
REVISIONS	
NAME	DATE

**RURAL ENTRANCES AND
MAILBOX TURNOUTS**

SCALE: VERT.
HORIZ.
DATE

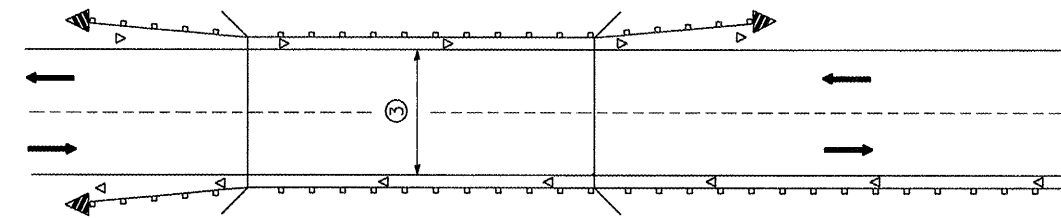
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.		TO STA.		
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- ① Spacing 80 ft. max. for first 400 ft. or curve spacing shown in Standard 635001, whichever is less (min. 4 reflectors regardless of length).
- ② After 400 ft., transition to normal delineator spacing shown in Standard 635001, and continue as required.

ONE-WAY TRAFFIC



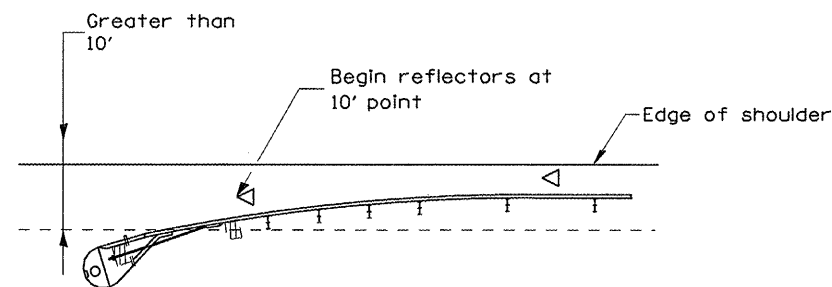
- ③ Bidirectional silver/silver should be used in lieu of monodirectional silver on both sides of two-lane bridges where the bridge pavement is less than 24' wider than the pavement approaching the bridge.

TWO-WAY TRAFFIC

GUARDRAIL / BARRIER WALL / BRIDGE RAIL REFLECTORS

LEGEND

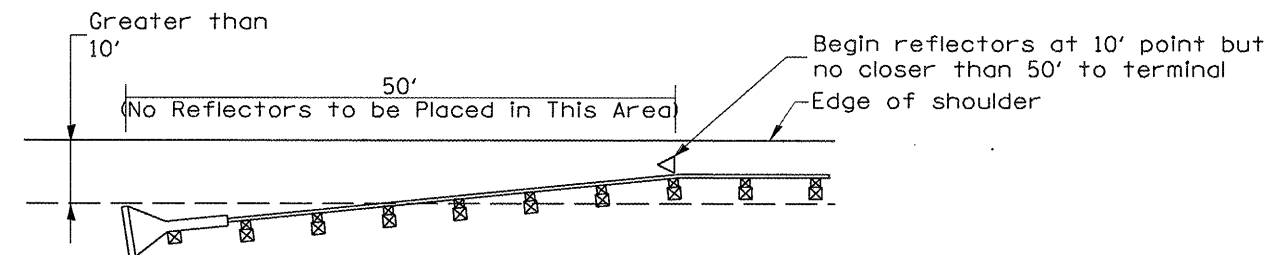
- ◁ Monodirectional silver
- ◄ Monodirectional amber
- ◄ Terminal Marker - Black/Yellow
Left or Right as appropriate



NOTE: Omit terminal marker when terminal over 10' from edge of paved shoulder or break point of unpaved shoulder, or when terminal buried in backslope.

Traffic Barrier Terminal Type(*) and/or Turned-Down Terminal

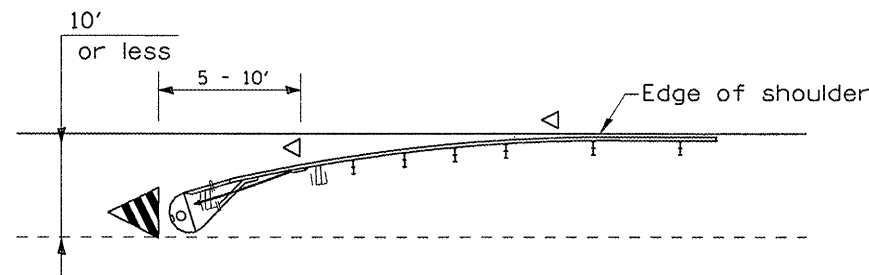
[Terminal over 10' from edge of shoulder]
*See Plans for Type



NOTE: Omit terminal marker when terminal over 10' from edge of paved shoulder or break point of unpaved shoulder.

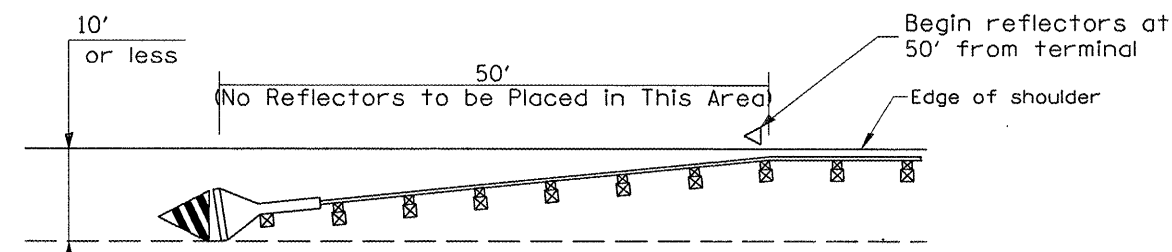
Traffic Barrier Terminal Type 1 (Special)

[Terminal over 10' from edge of shoulder]



Traffic Barrier Terminal Type(*) and/or Turned-Down Terminal

[Terminal over 10' or less from edge of shoulder]
*See Plans for Type



Traffic Barrier Terminal Type 1 (Special)

[Terminal 10' or less from edge of shoulder]

DESIGNER NOTE:
1. INCLUDE APPROPRIATE SPECIAL PROVISIONS FOR "GUARD RAIL DELINEATION POLICY: 1. TERMINAL MARKER, 2. TERMINAL MARK POST, AND 3. GUARDRAIL AND BARRIER WALL MARKERS."
FROM INTERIM SPECIAL PROVISIONS 94-74; "GUARDRAIL AND BARRIER WALL DELINEATION."
2. IF POST MOUNT TERMINAL MARKER IS USED, INCLUDE STATE STD. 720011.

TERMINAL MARKER PLACEMENT

IDOT DISTRICT DETAIL 635101-D4

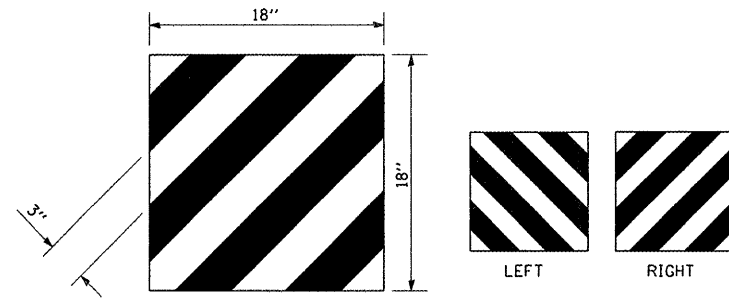
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NAME	DATE

GUARDRAIL AND BARRIER WALL DELINEATION

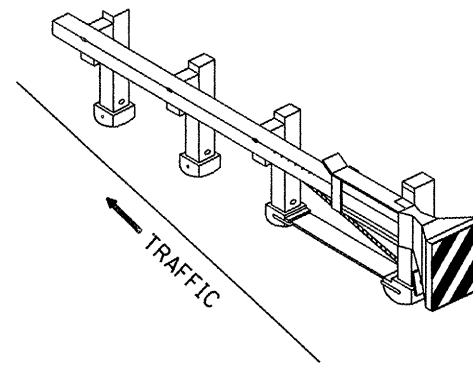
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DATE

SHEET 1 OF 3
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CHECKED BY

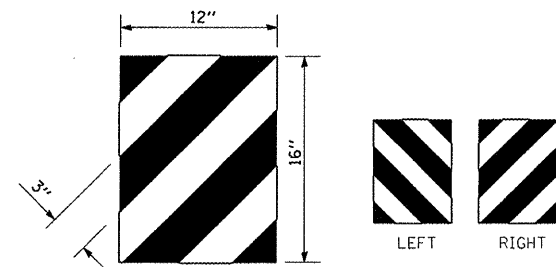
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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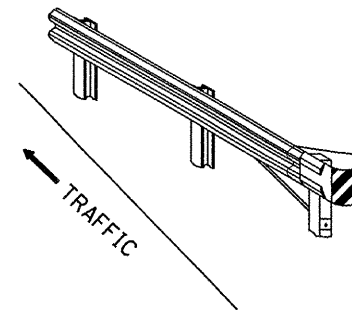
For Traffic Barrier Terminal Type 1 (Special)



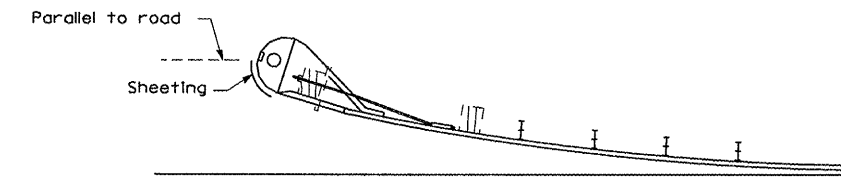
Standard Treatment - Direct Applied Sheeting
Traffic Barrier Terminal Type 1 (Special)



For Traffic Barrier Terminal Type (*)
and Post Mount
• See Plans for Type



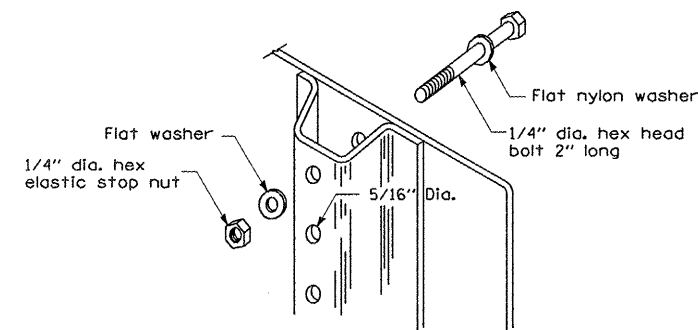
Standard Treatment - Direct Applied Sheeting
Traffic Barrier Terminal Type (*)
• See Plans for Type



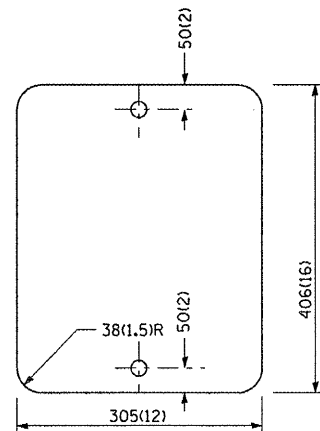
Sheeting Position for
Traffic Barrier Terminal Type (*)
• See Plans for Type

TERMINAL MARKER DETAILS

- Color: Black / Yellow reflectorized
- OM - I100 (L or R) Direct applied reflective sheeting
- OM - I200 (L or R) Post mounted

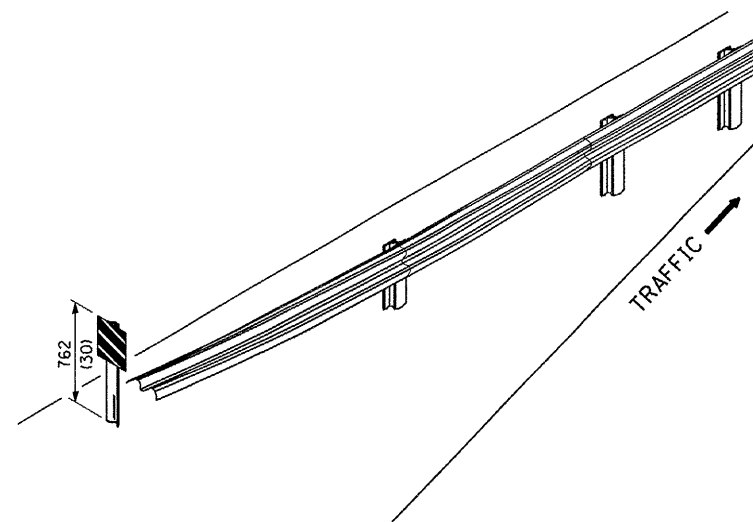


DETAIL OF MOUNTING TERMINAL MARKER TO POST



STANDARD TERMINAL MARKER

POST MOUNTED TERMINAL MARKER ASSEMBLY



ALTERNATE TREATMENT - POST MOUNTED
(For turned-down terminal where sheeting cannot be direct applied)

TERMINAL MARKER TREATMENTS

IDOT DISTRICT DETAIL 635101-D4

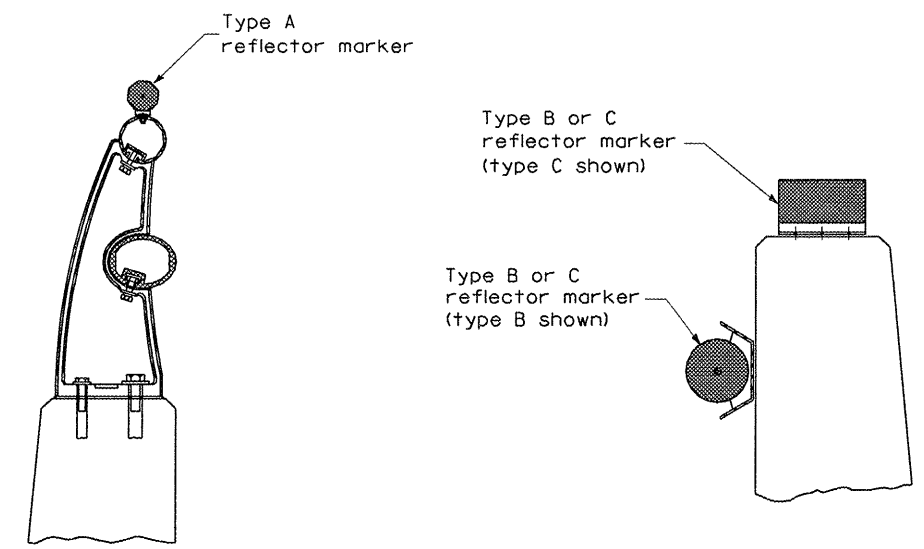
REVISIONS	
NAME	DATE

GUARDRAIL AND BARRIER WALL DELINEATION

SCALE: VERT. HORIZ. DATE

SHEET 2 OF 3
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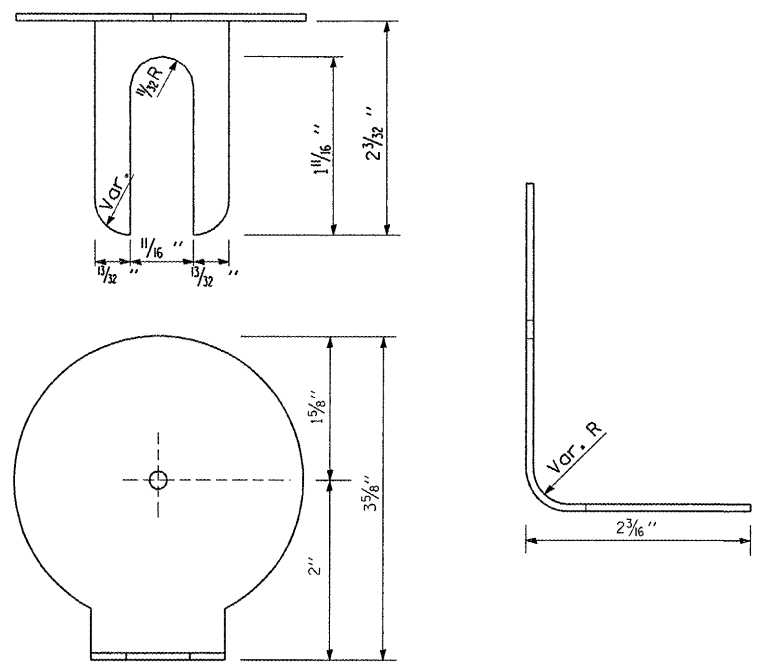
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TYPICAL MOUNTING DETAIL FOR BRIDGE RAIL REFLECTOR

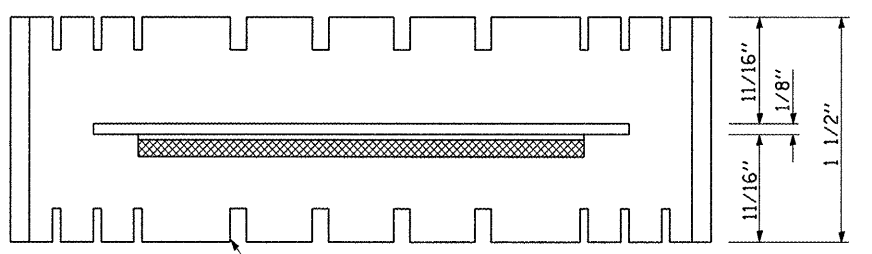
TYPICAL MOUNTING DETAIL FOR BARRIER WALL REFLECTOR

REFLECTOR MOUNTING

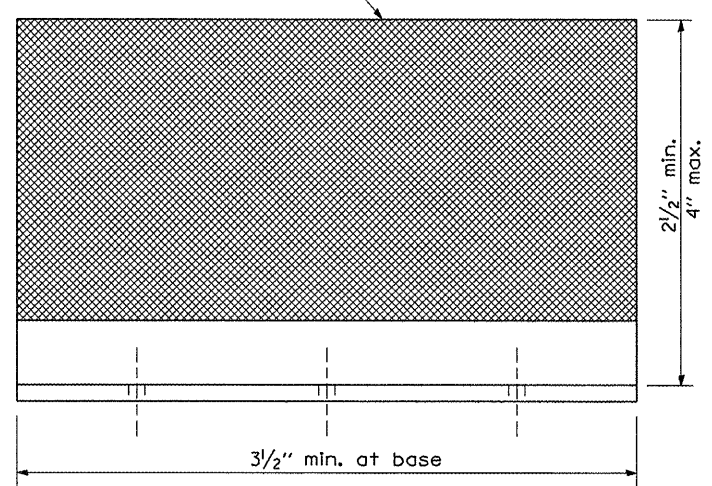


REFLECTOR MARKER TYPE A

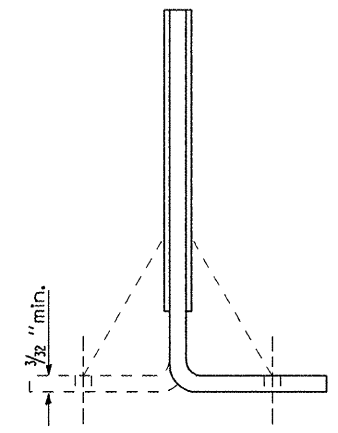
TYPICAL GUARDRAIL MOUNTING WITH REFLECTOR MARKER TYPE A



Min. reflective area 6 1/2 Sq. In. each side. May be rectangular or slight trapezoid.

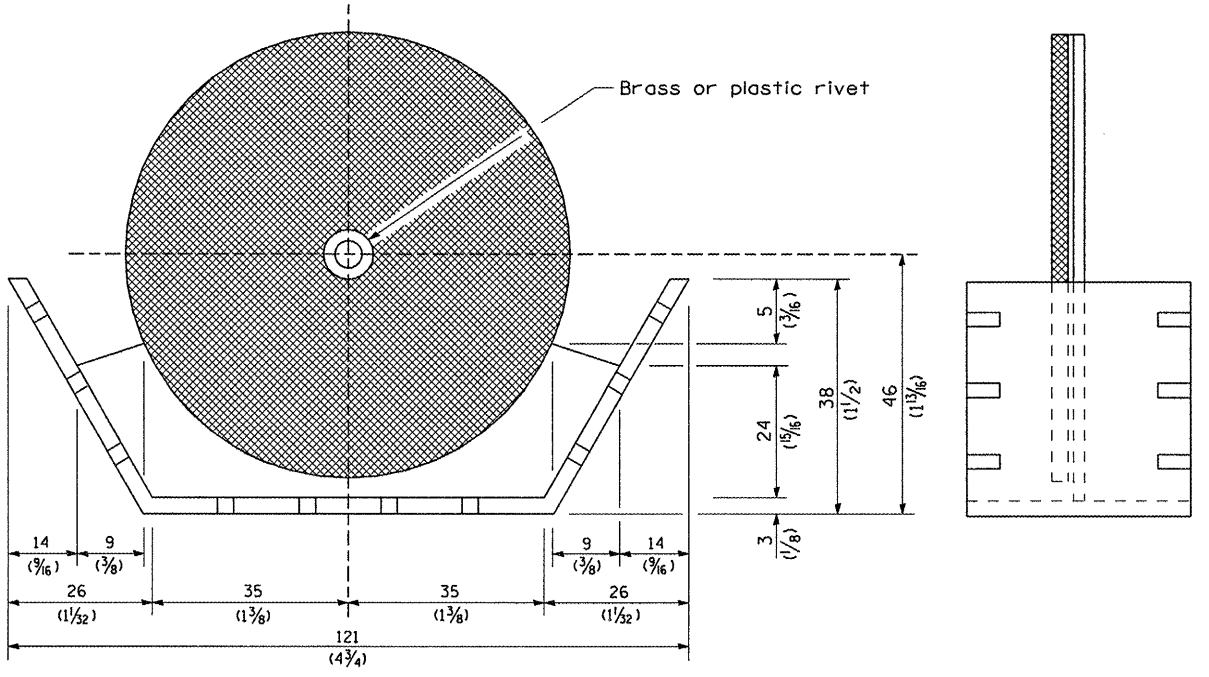


REFLECTOR MARKER TYPE C

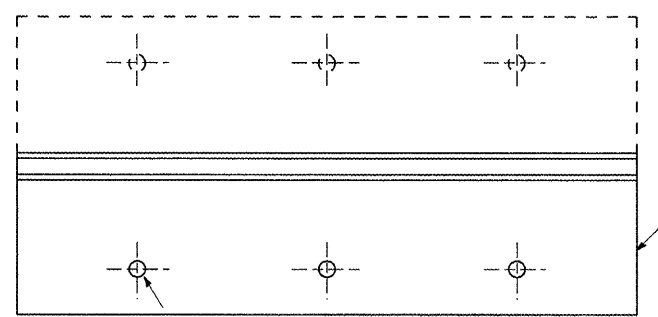


Cross section may be "T" or "L" shaped and may have side supports at ends.

REFLECTORS



REFLECTOR MARKER TYPE B



Minimum total area of base 7.0 Sq. In.

REVISIONS	
NAME	DATE

IDOT DISTRICT DETAIL 635101-D4

GUARDRAIL AND BARRIER WALL DELINEATION

SCALE: VERT. HORIZ. DATE

SHEET 3 OF 3 DRAWN BY CHECKED BY

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STORM WATER POLLUTION PREVENTION PLAN

THE FOLLOWING PLAN IS ESTABLISHED AND INCORPORATED IN THE PROJECT 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 EROSION WITHIN THE CONSTRUCTION SITE AND TO LIMIT SEDIMENTS FROM LEAVING THE CONSTRUCTION SITE BY UTILIZING PROPER TEMPORARY EROSION CONTROL SYSTEMS AND PROVIDING GROUND COVER WITHIN A REASONABLE AMOUNT OF TIME.

CERTAIN EROSION CONTROL FACILITIES SHALL BE INSTALLED BY THE CONTRACTOR AT THE BEGINNING OF CONSTRUCTION. OTHER ITEMS SHALL BE INSTALLED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER ON A CASE BY CASE SITUATION DEPENDING ON THE CONTRACTOR'S SEQUENCE OF ACTIVITIES, TIME OF YEAR, AND EXPECTED WEATHER CONDITIONS.

THE CONTRACTOR SHALL INSTALL PERMANENT EROSION CONTROL SYSTEMS AND SEEDING WITHIN A TIME FRAME SPECIFIED HEREIN AND AS DIRECTED BY THE ENGINEER, THEREFORE MINIMIZING THE AMOUNT OF AREA SUSCEPTIBLE TO EROSION AND REDUCING THE AMOUNT OF TEMPORARY SEEDING. THE ENGINEER WILL DETERMINE IF ANY TEMPORARY EROSION CONTROL SYSTEMS SHOWN IN THE PLAN CAN BE DELETED AND IF ANY ADDITIONAL TEMPORARY EROSION CONTROL SYSTEMS, WHICH ARE NOT INCLUDED IN THIS PLAN, SHALL BE ADDED. THE CONTRACTOR SHALL PERFORM ALL WORK AS DIRECTED BY THE ENGINEER AND AS SHOWN IN STANDARD 280001 OF THE PLANS.

SECTION 280, TEMPORARY EROSION CONTROL, OF THE STANDARD SPECIFICATIONS ADDITIONALLY SUPPLEMENTS THIS PLAN.

SITE DESCRIPTION

DESCRIPTION OF CONSTRUCTION ACTIVITY:

1. THE PROJECT CONSISTS OF THE RECONSTRUCTION ON A NEW VERTICAL AND HORIZONTAL ALIGNMENT OF F.A.S. 1458, FULTON COUNTY HIGHWAY 6, SOUTHEAST OF CANTON.
2. CONSTRUCTION INCLUDES EARTH EXCAVATION, EMBANKMENT, RIPRAP, CAST-IN-PLACE CONCRETE BOX CULVERT, PAVEMENT ITEMS AND OTHER MISCELLANEOUS ITEMS OF CONSTRUCTION.

DESCRIPTION OF INTENDED SEQUENCE FOR MAJOR CONSTRUCTION ACTIVITIES WHICH WILL DISTURB SOILS FOR MAJOR PORTIONS OF THE CONSTRUCTION SITE:

1. EXCAVATION AND EMBANKMENT WILL BE COMPLETED ALONG THE JOB SITE TO GRADE OUT FOR THE PROPOSED ROADWAY WIDENING AND CONSTRUCT EMBANKMENT AND DITCHES.
2. PERMANENT RIPRAP WILL BE PLACED IN DITCHES AS THEY ARE GRADED.
3. PLACEMENT, MAINTENANCE, REMOVAL AND PROPER CLEAN-UP OF TEMPORARY EROSION CONTROL, SUCH AS PERIMETER EROSION CONTROL BARRIER, TEMPORARY DITCH CHECKS, INLET AND PIPE PROTECTION, TEMPORARY SEEDING, ETC.
4. FINAL GRADING, PAVING, AND OTHER MISCELLANEOUS ITEMS.
5. PLACEMENT OF PERMANENT EROSION CONTROL, SUCH AS REMAINING RIPRAP AND EROSION CONTROL BLANKET, SEEDING, ETC.

AREA OF CONSTRUCTION SITE:

THE TOTAL AREA OF THE CONSTRUCTION SITE IS ESTIMATED TO BE 10 ACRES OF WHICH 8.8 ACRES WILL BE DISTURBED BY EXCAVATION, GRADING, AND OTHER ACTIVITIES.

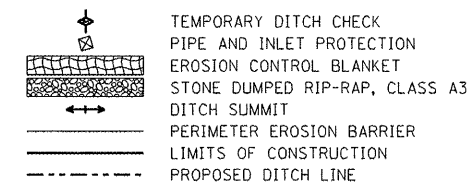
OTHER REPORTS, STUDIES AND PLANS WHICH AID IN THE DEVELOPMENT OF THE STORM WATER POLLUTION PREVENTION PLAN AS REFERENCED DOCUMENTS:

1. INFORMATION OF THE SOILS AND TERRAIN WITHIN THE SITE WAS OBTAINED FROM TOPOGRAPHIC SURVEYS AND SOIL BORINGS THAT WERE UTILIZED FOR THE DEVELOPMENT OF THE PROPOSED TEMPORARY EROSION CONTROL SYSTEMS.
2. PROJECT PLAN DOCUMENTS, SPECIFICATIONS AND SPECIAL PROVISIONS, AND PLAN DRAWINGS INDICATING DRAINAGE PATTERNS AND APPROXIMATE SLOPES ANTICIPATED AFTER GRADING ACTIVITIES WERE UTILIZED FOR THE PROPOSED PLACEMENT OF THE TEMPORARY EROSION CONTROL SYSTEMS.

DRAINAGE TRIBUTARIES AND SENSITIVE AREAS RECEIVING RUNOFF FROM THIS CONSTRUCTION SITE:

1. BUCKHEART CREEK

LEGEND



NOTE: ALL ITEMS SHALL BE CONSTRUCTED AS SHOWN ON STANDARD 280001 AND AS DIRECTED BY THE ENGINEER. MAINTENANCE AND CLEANING OF THE EROSION CONTROL ITEMS SHALL BE INCLUDED IN THE RESPECTIVE EROSION CONTROL PAY ITEM.

CONTROLS - EROSION CONTROLS AND SEDIMENT CONTROL

DESCRIPTION OF STABILIZATION PRACTICES AT THE BEGINNING OF CONSTRUCTION:

1. THE DRAWINGS, SPECIFICATIONS AND SPECIAL PROVISIONS WILL ENSURE THAT EXISTING VEGETATION IS PRESERVED WHERE ATTAINABLE AND DISTURBED PORTIONS OF THE SITE WILL BE STABILIZED. STABILIZATION PRACTICES INCLUDE: TEMPORARY SEEDING, PERMANENT SEEDING, MULCHING, PROTECTION OF TREES, PRESERVATION OF MATURE VEGETATION, AND OTHER APPROPRIATE MEASURES AS DIRECTED BY THE ENGINEER. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 7 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED.
 - (a) AREAS OF EXISTING VEGETATION (WOOD AND GRASSLANDS) OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE IDENTIFIED BY THE ENGINEER FOR PRESERVING AND SHALL BE PROTECTED FROM CONSTRUCTION ACTIVITIES.
 - (b) DEAD, DISEASED, OR UNSUITABLE VEGETATION WITHIN THE SITE SHALL BE REMOVED AS DIRECTED BY THE ENGINEER, ALONG WITH REQUIRED TREE REMOVAL.
 - (c) AS SOON AS REASONABLE ACCESS IS AVAILABLE TO ALL LOCATIONS WHERE WATER DRAINS AWAY FROM THE PROJECT, TEMPORARY DITCH CHECKS, INLET AND PIPE PROTECTION, AND PERIMETER EROSION BARRIER SHALL BE INSTALLED AS CALLED OUT IN THIS PLAN AND DIRECTED BY THE ENGINEER.
 - (d) BARE AND SPARSELY VEGETATED GROUND IN HIGH ERODABLE AREAS AS DETERMINED BY THE ENGINEER SHALL BE TEMPORARILY SEEDED AT THE BEGINNING OF CONSTRUCTION WHERE NO CONSTRUCTION ACTIVITIES ARE EXPECTED WITHIN SEVEN DAYS.
 - (e) IMMEDIATELY AFTER TREE REMOVAL IS COMPLETED, AREAS WHICH ARE HIGHLY ERODABLE AS DETERMINED BY THE ENGINEER, SHALL BE TEMPORARILY SEEDED WHEN NO CONSTRUCTION ACTIVITIES ARE EXPECTED WITHIN SEVEN DAYS.
 - (f) AT LOCATIONS WHERE A SIGNIFICANT AMOUNT OF WATER DRAINS INTO THE CONSTRUCTION ZONE FROM OUTSIDE AREAS (ADJACENT LANDOWNERS), TEMPORARY DITCH CHECKS WILL BE UTILIZED TO LOCALLY DIVERT WATER, REDUCE FLOW RATES, AND COLLECT OUTSIDE SILTATION INSIDE THE RIGHT-OF-WAY LINE.
2. ESTABLISHMENT OF THESE TEMPORARY EROSION CONTROL MEASURES WILL HAVE ADDITIONAL BENEFITS TO THE PROJECT. DESIRABLE GRASS SEED WILL BECOME ESTABLISHED IN THESE AREAS AND WILL SPREAD SEEDS ONTO THE CONSTRUCTION SITE UNTIL PERMANENT SEEDING/MOWING AND OVERSEEDING CAN BE COMPLETED.

DESCRIPTION OF STABILIZATION PRACTICES DURING CONSTRUCTION:

1. DURING CONSTRUCTION, AREAS OUTSIDE THE CONSTRUCTION LIMITS AS OUTLINED PREVIOUSLY HEREIN SHALL BE PROTECTED. THE CONTRACTOR SHALL NOT USE THIS AREA FOR STAGING (EXCEPT AS DESCRIBED ON THE PLANS AND DIRECTED BY THE ENGINEER), PARKING OF VEHICLES OR CONSTRUCTION EQUIPMENT, STORAGE OF MATERIALS, OR OTHER CONSTRUCTION RELATED ACTIVITIES.
 - (a) WITHIN THE CONSTRUCTION LIMITS, AREAS WHICH MAY BE SUSCEPTIBLE TO EROSION AS DETERMINED BY THE ENGINEER SHALL REMAIN UNDISTURBED UNTIL FULL SCALE CONSTRUCTION IS UNDERWAY TO PREVENT UNNECESSARY SOIL EROSION.
 - (b) EARTH STOCKPILES SHALL BE TEMPORARILY SEEDED IF THEY ARE TO REMAIN UNUSED FOR MORE THAN FOURTEEN DAYS.
 - (c) AS CONSTRUCTION PROCEEDS, THE CONTRACTOR SHALL INSTITUTE THE FOLLOWING AS DIRECTED BY THE ENGINEER:
 - I. PLACE TEMPORARY EROSION CONTROL FACILITIES AT LOCATIONS SHOWN ON THE PLANS.
 - II. TEMPORARILY SEED ERODABLE BARE EARTH ON A WEEKLY BASIS TO MINIMIZE THE AMOUNT OF ERODABLE SURFACE AREA WITHIN THE CONTRACT LIMITS.
 - III. CONSTRUCT ROADSIDE DITCHES AND PROVIDE TEMPORARY EROSION CONTROL SYSTEMS.
 - IV. TEMPORARILY DIVERT WATER AROUND PROPOSED CULVERT LOCATIONS.
 - V. BUILD NECESSARY EMBANKMENT AT CULVERT LOCATIONS AND THEN EXCAVATE AND PLACE CULVERT.
 - VI. CONTINUE BUILDING UP THE EMBANKMENT TO THE PROPOSED GRADE WHILE AT THE SAME TIME, PLACING PERMANENT EROSION CONTROL SUCH AS RIPRAP DITCH LINING AND CONDUCTING FINAL SHAPING TO THE SLOPE.
 - (d) EXCAVATED AREAS AND EMBANKMENT SHALL BE PERMANENTLY SEEDED IMMEDIATELY AFTER FINAL GRADING. IF NOT, THEY SHALL BE TEMPORARILY SEEDED IF NO CONSTRUCTION ACTIVITY IN THE AREA IS PLANNED FOR 7 DAYS.
 - (e) CONSTRUCTION EQUIPMENT SHALL BE STORED AND FUELED ONLY AT DESIGNATED LOCATIONS. ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR OTHER POLLUTANT IN ACCORDANCE WITH EPA WATER QUALITY REGULATIONS. LEAKING EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.
 - (f) THE RESIDENT ENGINEER SHALL INSPECT THE PROJECT DAILY DURING CONSTRUCTION ACTIVITIES. INSPECTION SHALL ALSO BE DONE WEEKLY AND AFTER RAINS OF 1/2 INCH OR GREATER OR EQUIVALENT SNOWFALL AND DURING THE WINTER SHUTDOWN PERIOD. THE PROJECT SHALL ADDITIONALLY BE INSPECTED BY THE CONSTRUCTION FIELD ENGINEER ON A BI-WEEKLY BASIS TO DETERMINE THAT EROSION CONTROL EFFORTS ARE IN PLACE AND EFFECTIVE AND IF OTHER EROSION CONTROL WORK IS NECESSARY.
 - (g) SEDIMENT COLLECTED DURING CONSTRUCTION OF THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF ON THE SITE ON A REGULAR BASIS AS DIRECTED BY THE ENGINEER. THE COST OF THIS MAINTENANCE SHALL BE INCLUDED IN THE UNIT BID PRICE FOR EARTH EXCAVATION FOR EROSION CONTROL.
 - (h) THE TEMPORARY EROSION CONTROL SYSTEMS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER AFTER USE IS NO LONGER NEEDED OR NO LONGER FUNCTIONING. THE COST OF THIS REMOVAL SHALL BE INCLUDED IN THE UNIT BID PRICE FOR VARIOUS TEMPORARY EROSION CONTROL PAY ITEMS.

DESCRIPTION OF STRUCTURAL PRACTICES AFTER FINAL GRADING:

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

MAINTENANCE AFTER CONSTRUCTION:

1. CONSTRUCTION IS COMPLETE AFTER ACCEPTANCE BY I.D.O.T. FINAL INSPECTION.

MAINTENANCE RESPONSIBILITY BEFORE THIS DATE WILL BELONG TO THE CONTRACTOR.

MISCELLANEOUS:

1. TEMPORARY DITCH CHECKS SHALL BE LOCATED AT EVERY 1.5 FT. FALL/RISE IN DITCH GRADE.
2. TEMPORARY EROSION CONTROL SEEDING SHALL BE APPLIED AT A RATE OF 100 LBS/ACRE.
3. PERIMETER EROSION BARRIER AND SILT FENCES WILL NOT BE PERMITTED FOR TEMPORARY OR PERMANENT DITCH CHECKS. DITCH CHECKS SHALL BE COMPOSED OF AGGREGATE, SILT PANELS, ROLLED EXCELSIOR, URETHANE FOAM/GEOTEXTILE (SILT WEDGES), STRAW BALES, HAY BALES, AND/OR ANY OTHER MATERIAL APPROVED BY THE EROSION AND SEDIMENT CONTROL COORDINATOR.
4. SEDIMENT COLLECTED DURING CONSTRUCTION BY THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF ON THE SITE ON A REGULAR BASIS, AS DIRECTED BY THE ENGINEER. THE COST OF THIS MAINTENANCE SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04.
5. ALL EROSION CONTROL PRODUCTS FURNISHED SHALL BE SPECIFICALLY RECOMMENDED BY THE MANUFACTURER FOR THE USE SPECIFIED IN THE EROSION CONTROL PLAN. PRIOR TO THE APPROVAL AND USE OF THE PRODUCT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A NOTARIZED CERTIFICATION BY THE PRODUCER STATING THE INTENDED USE OF THE PRODUCT AND THAT THE PHYSICAL PROPERTIES REQUIRED FOR THIS APPLICATION ARE MET OR EXCEEDED. THE CONTRACTOR SHALL PROVIDE MANUFACTURER INSTALLATION PROCEDURES TO FACILITATE THE ENGINEER IN CONSTRUCTION INSPECTION.

THIS PLAN HAS BEEN PREPARED TO COMPLY WITH THE PROVISIONS OF THE NPDES PERMIT NUMBER ILR10, ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY FOR STORM WATER DISCHARGES FROM CONSTRUCTION SITE ACTIVITIES.

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED, BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

William Kub 1-03-08
 COUNTY ENGINEER DATE

REVISIONS	
NAME	DATE

STORMWATER POLLUTION PREVENTION PLAN

SCALE: VERT. HORIZ. DATE

DRAWN BY CHECKED BY

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
145B	03-00125-01-GE	FULTON	48	21
STA. 32+00.00		TO STA. 33+50.00		
FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT

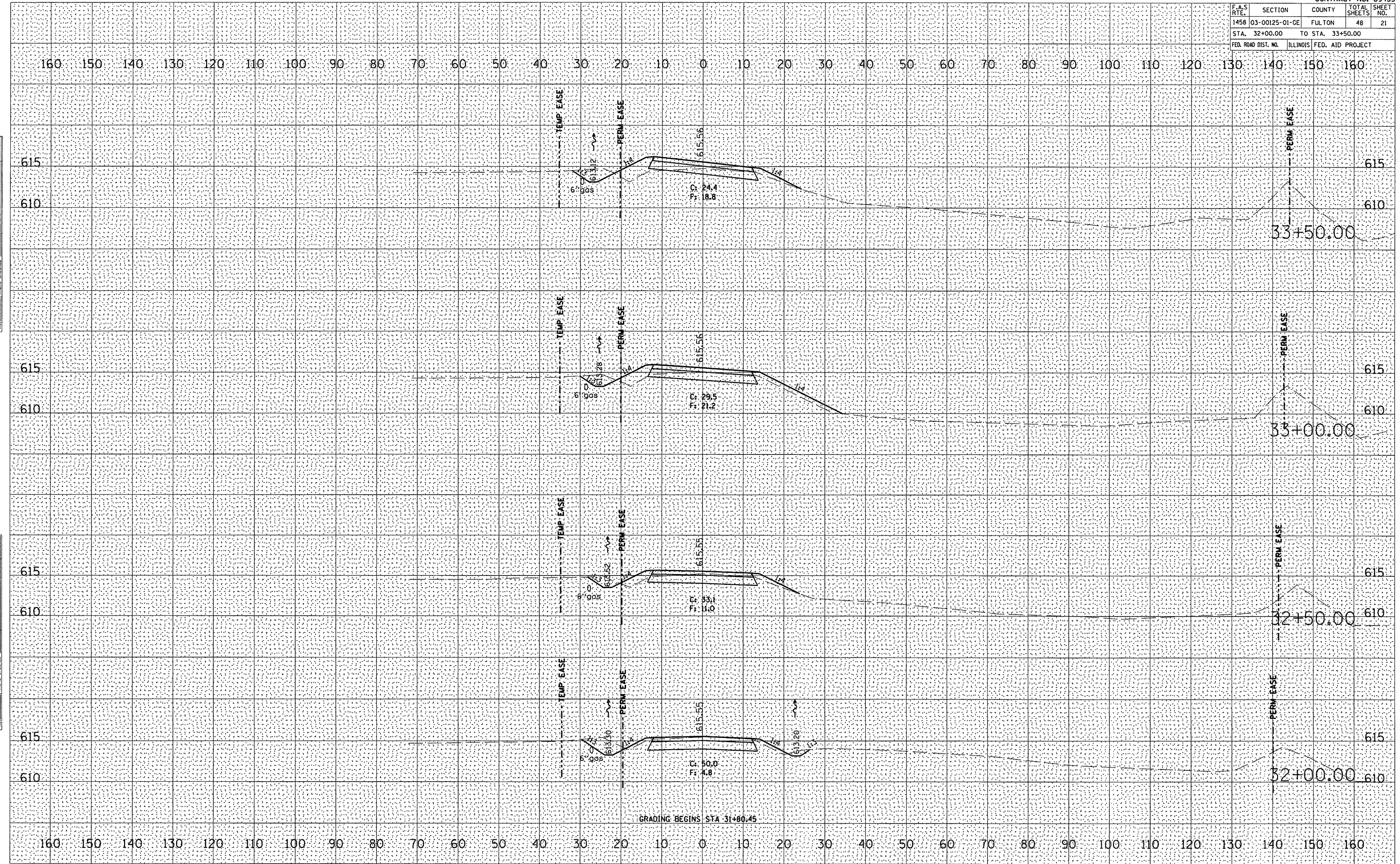
DATE	BY

NO.	AREAS CHECKED	TEMPLATE	PLOTTED	CHECKED

DATE	BY

NO.	AREAS CHECKED	TEMPLATE	PLOTTED	CHECKED

PLOT DATE = #DATE*
FILE NAME = #FILE*
PLOT SCALE = #SCALE*



GRADING BEGINS STA 31+80.45

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1458	03-00125-01-GE	FULTON	48	22
STA. 34+00.00		TO STA. 35+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE _____ BY _____

CORRECTED
 SURVEY
 PLOTTED
 TEMPLATE
 AREAS
 CHECKED

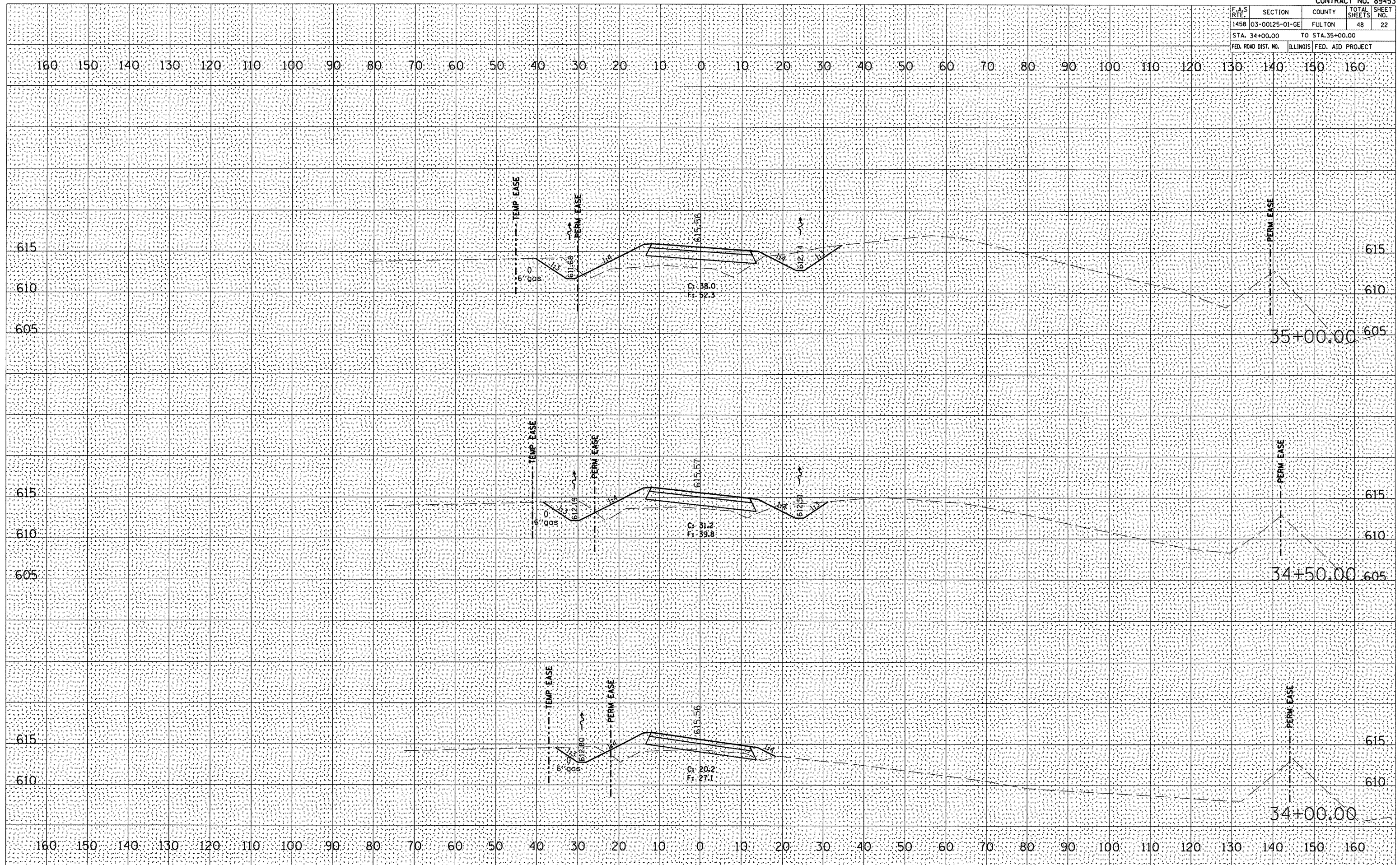
FINAL SURVEY NOTE BOOK NO. _____

DATE _____ BY _____

CORRECTED
 SURVEY
 PLOTTED
 TEMPLATE
 AREAS
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ORIGINAL SURVEY NOTE BOOK NO. _____

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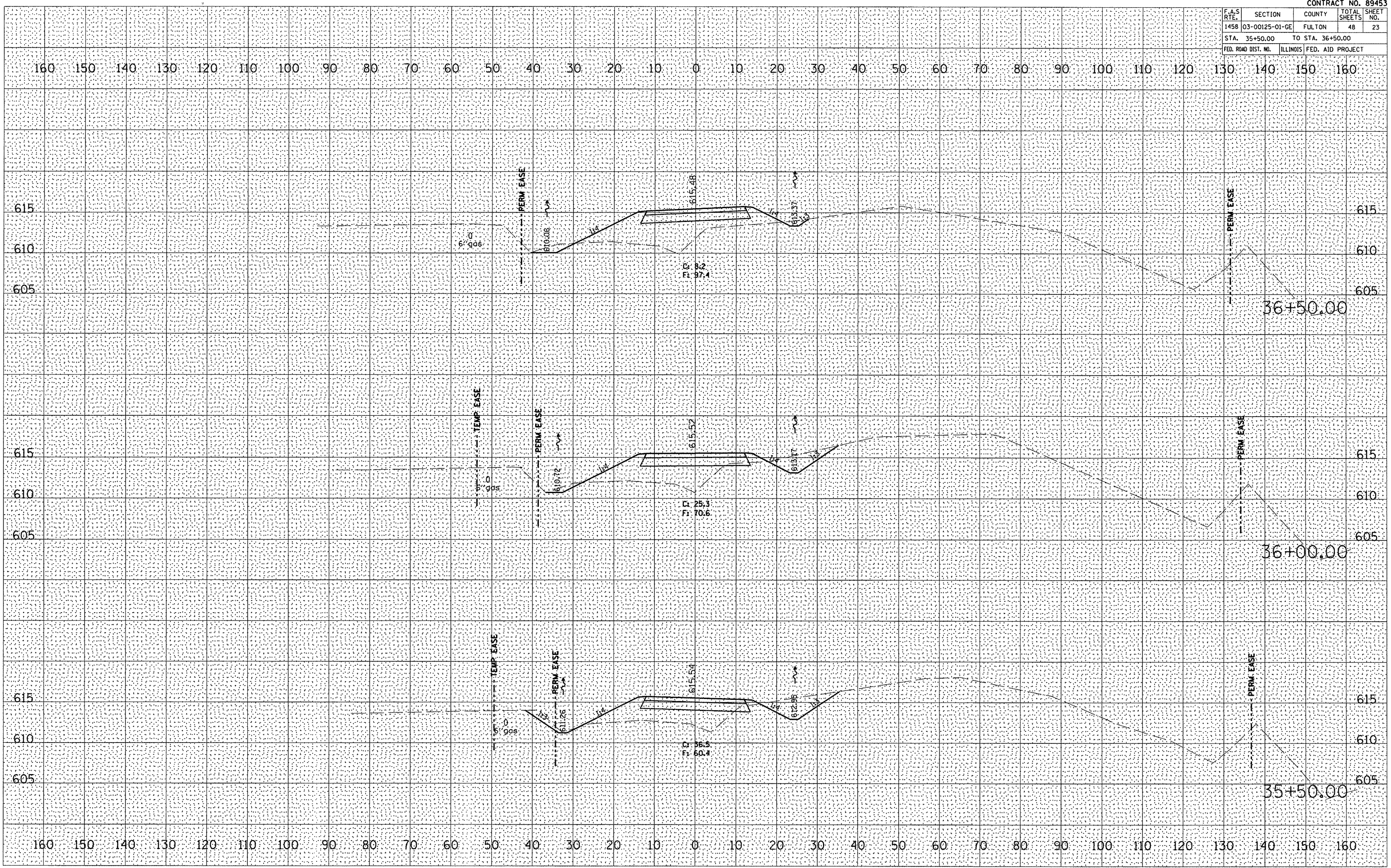


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1458	03-00125-01-GE	FULTON	48	23
STA. 35+50.00		TO STA. 36+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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 PLOT SCALE _____



F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1458	03-00125-01-GE	FULTON	48	24
STA. 37+00.00		TO STA. 38+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

BY	DATE

REVISION	DATE	BY

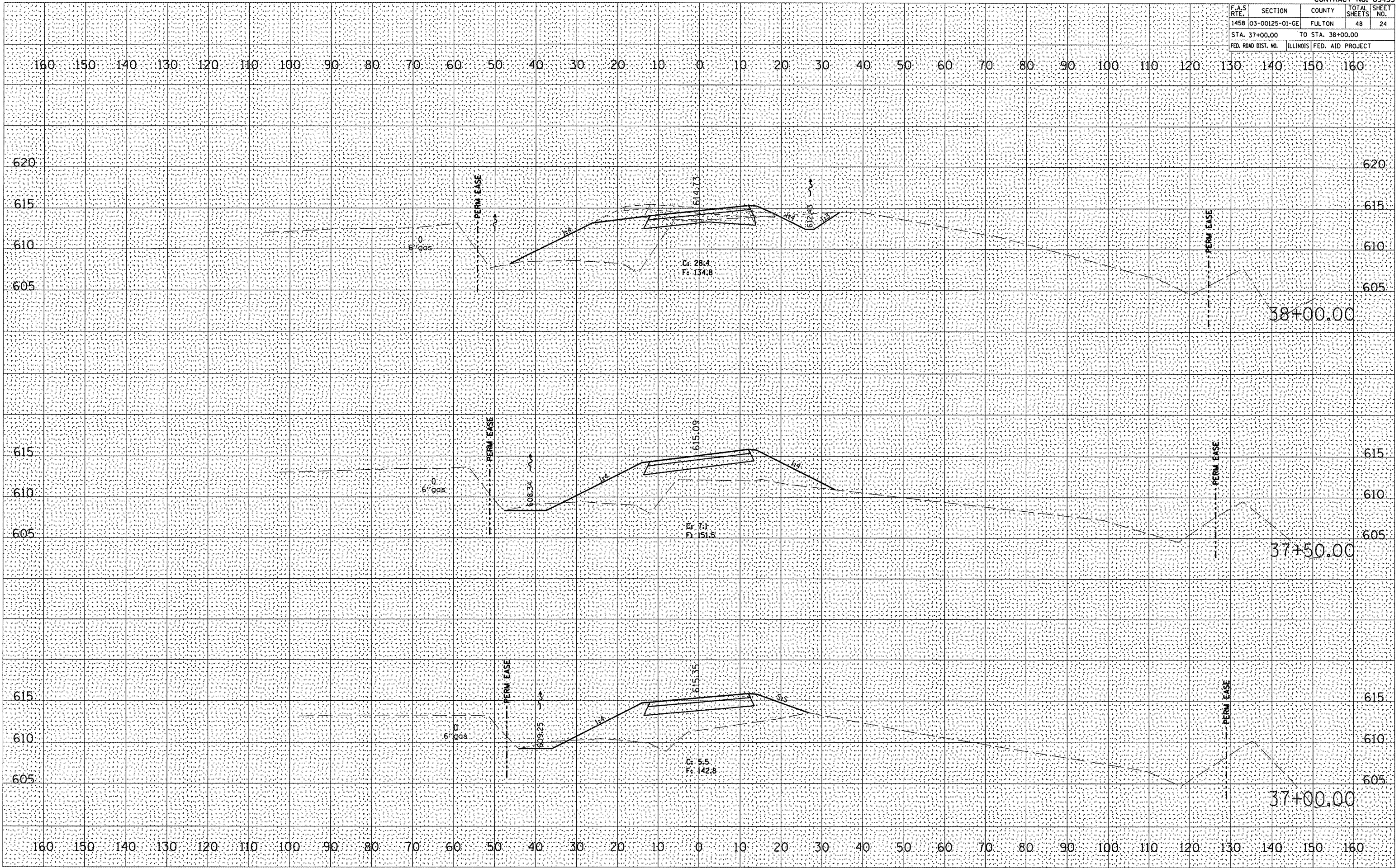
FINAL SURVEY
SURVEYED
NOTE BOOK
TEMPLATE
AREAS CHECKED

BY	DATE

REVISION	DATE	BY

ORIGINAL SURVEY
SURVEYED
NOTE BOOK
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FILE NAME = #FILES#
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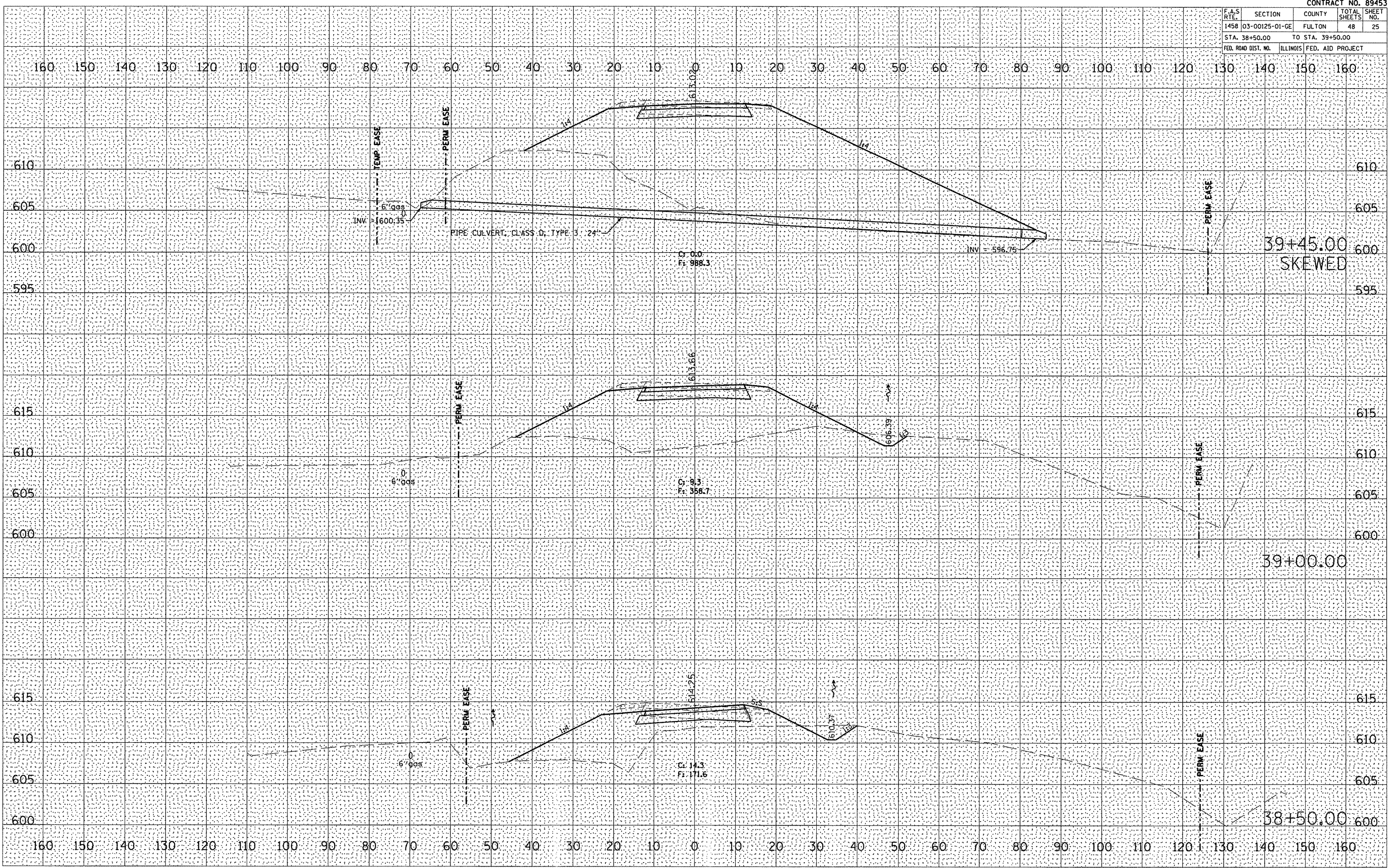


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1458	03-00125-01-GE	FULTON	48	25
STA. 38+50.00		TO STA. 39+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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NOTE BOOK _____
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PROTECTED _____
NOTE BOOK _____
TEMPLATE _____
AREAS CHECKED _____
NO. _____

DATE _____
FILE NAME _____
PLOT SCALE _____

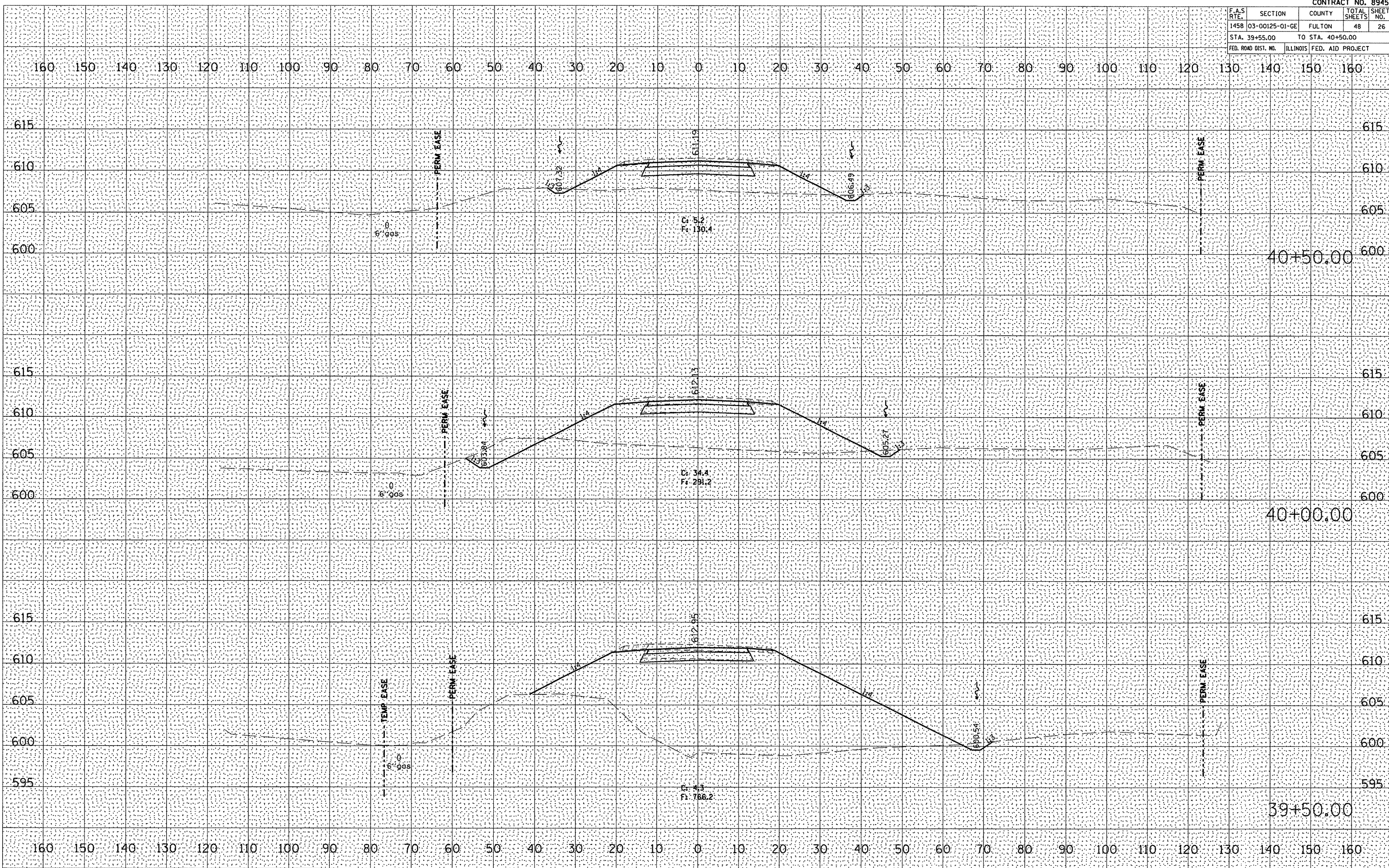


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
145B	03-00125-01-GE	FULTON	48	26
STA. 39+55.00		TO STA. 40+50.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DATE: _____
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SURVEYED: _____
NOTE BOOK: _____
TEMPLATE: _____
AREAS CHECKED: _____

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SURVEYED: _____
NOTE BOOK: _____
TEMPLATE: _____
AREAS CHECKED: _____

DATE: _____
FILE NAME: _____
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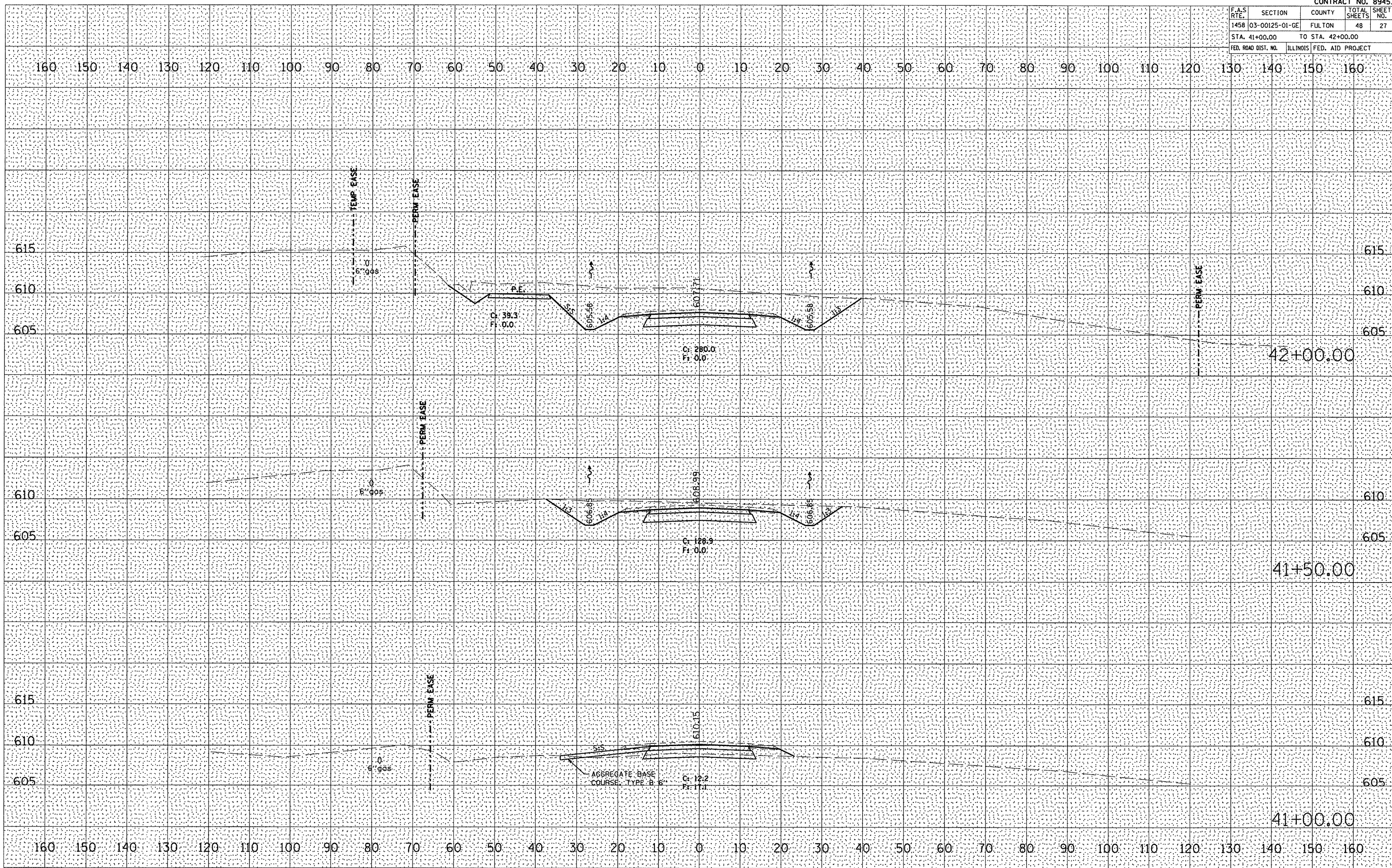


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1458	03-00125-01-GE	FULTON	48	27
STA. 41+00.00		TO STA. 42+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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FINAL SURVEY	
NOTE BOOK NO.	
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TEMPERATURE	
AREAS CHECKED	

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ORIGINAL SURVEY	
NOTE BOOK NO.	
PLOTTED	
TEMPERATURE	
AREAS CHECKED	

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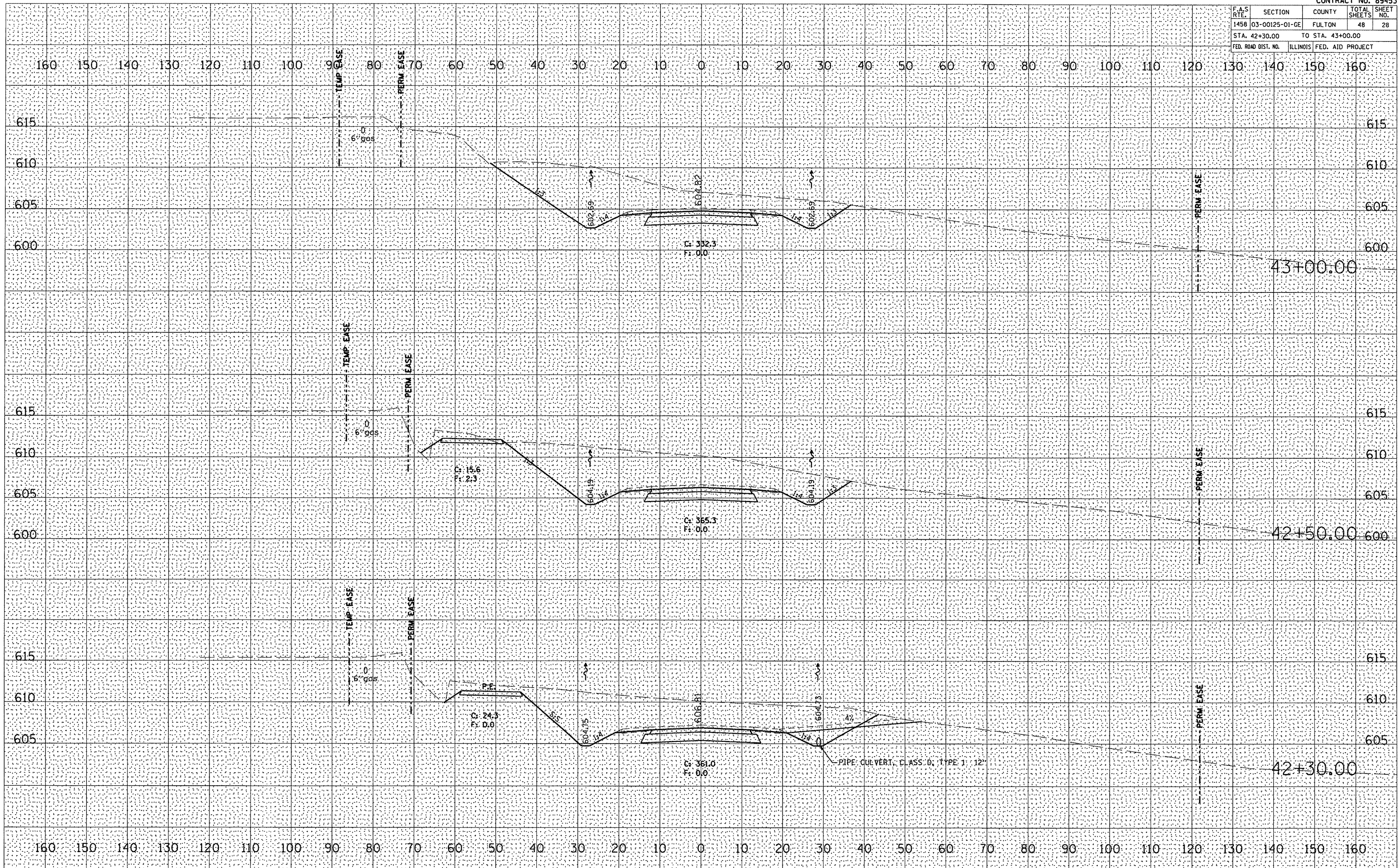


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1458	03-00125-01-GE	FULTON	48	28
STA. 42+30.00		TO STA. 43+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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TEMPLATE _____
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DATE _____
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TEMPLATE _____
NOTE BOOK _____
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NO. _____

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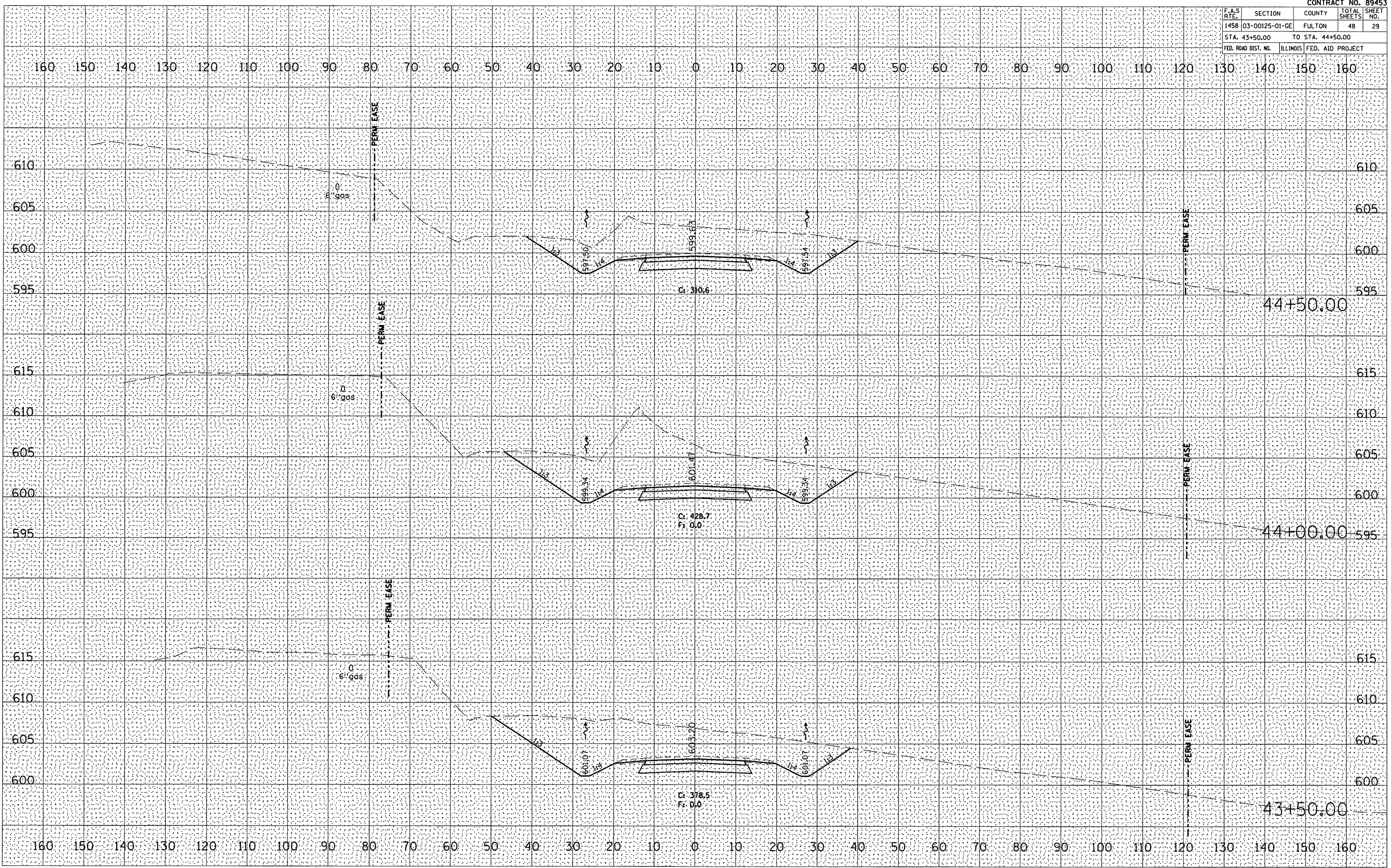


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1458	03-00125-01-GE	FULTON	48	29
STA. 43+50.00		TO STA. 44+50.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

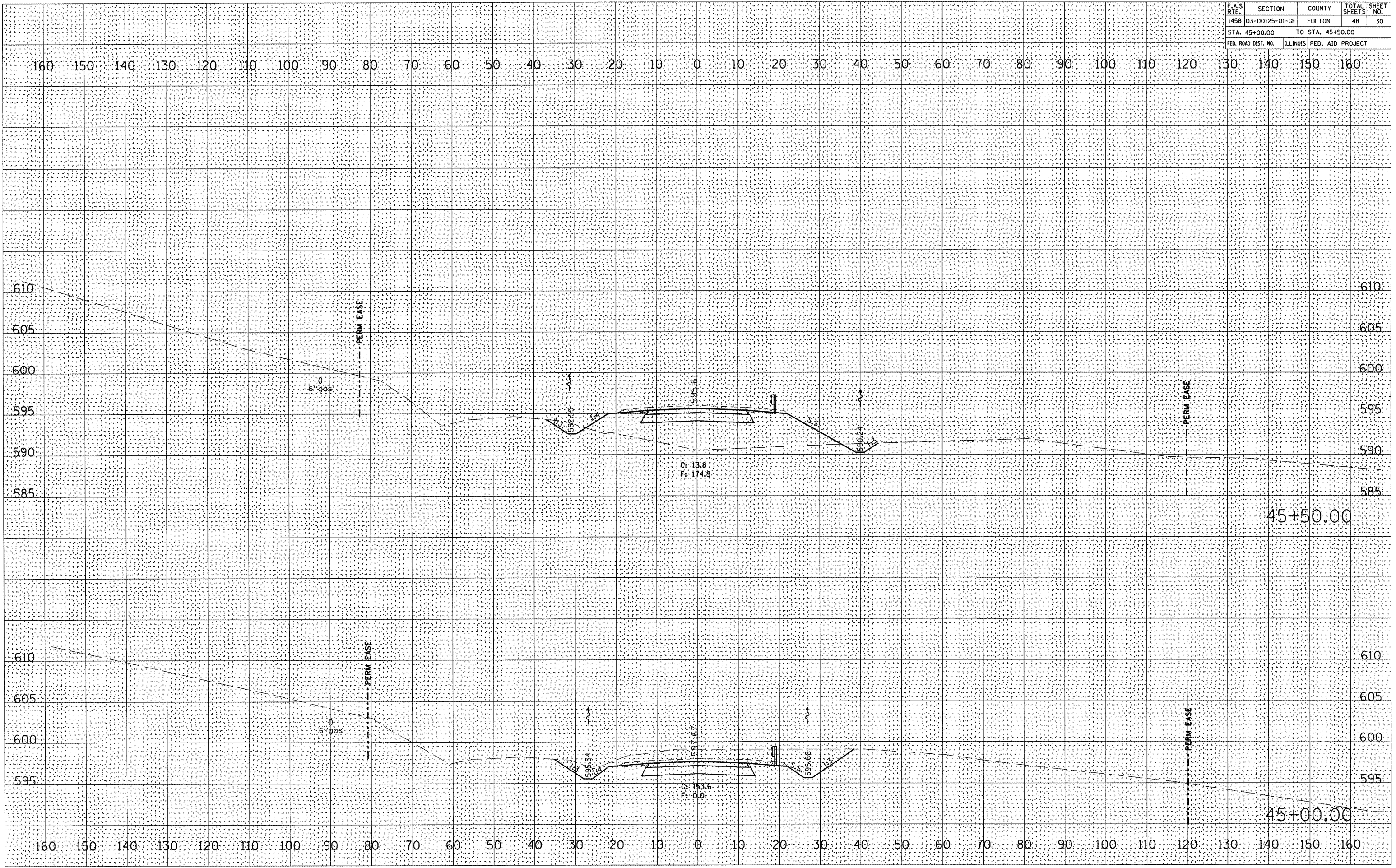
DATE _____
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ORIGINAL _____
NOTE BOOK _____
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TEMPLATE _____
AREAS CHECKED _____

DATE = #DATE#
FILE NAME = #FILES#
PLOT SCALE = #SCALE#



F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1458	03-00125-01-GE	FULTON	48	30
STA. 45+00.00		TO STA. 45+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



DATE _____
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DATE = DATE
 PLOT DATE = DATE
 PLOT SCALE = SCALE

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1458	03-00125-01-GE	FULTON	48	31
STA. 46+00.00		TO STA. 46+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

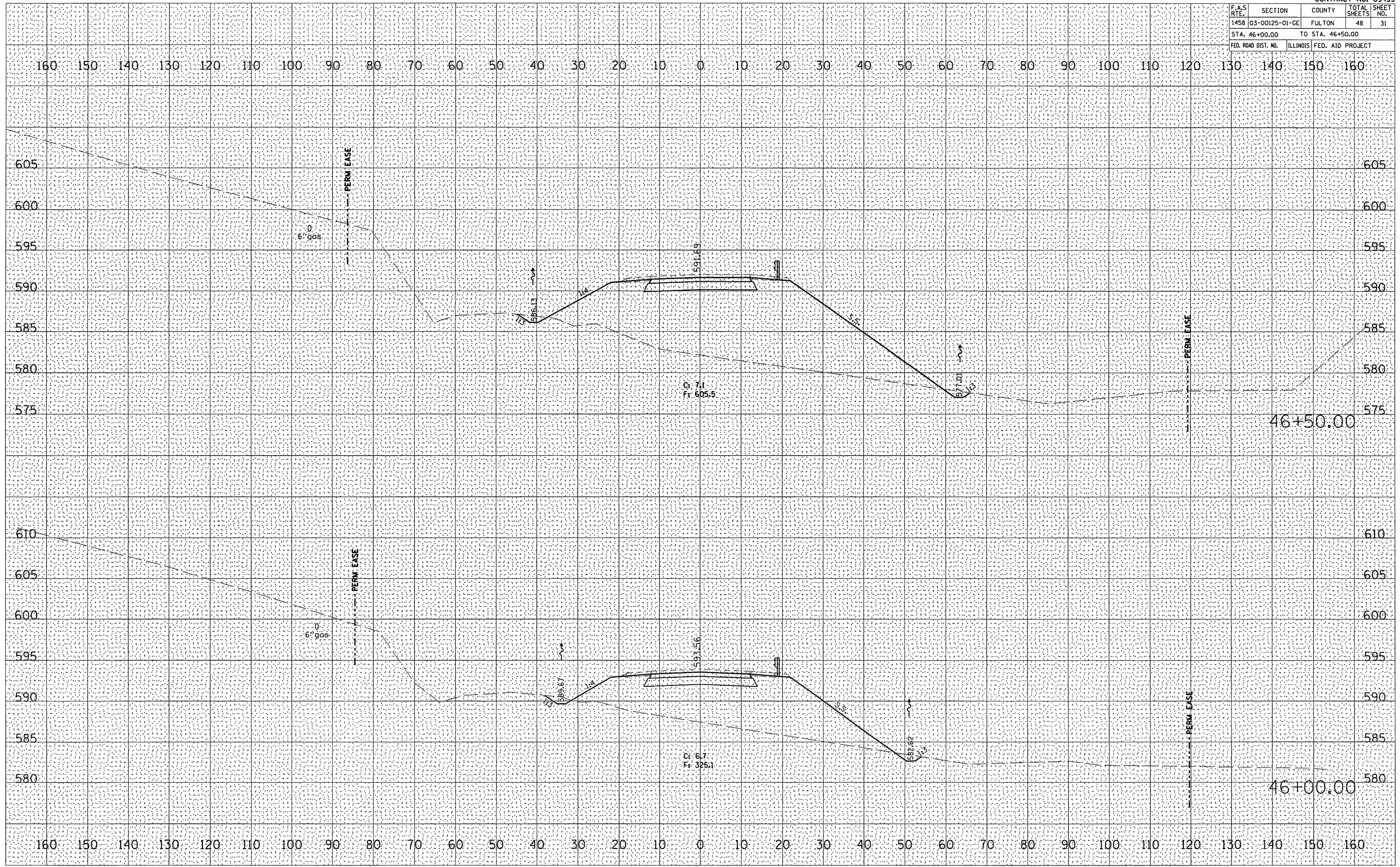
DATE	BY

NO.	AREAS CHECKED	NOTE BOOK	TEMPLATES	PLOTTED	CHECKED

DATE	BY

NO.	AREAS CHECKED	NOTE BOOK	TEMPLATES	PLOTTED	CHECKED

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FILE NAME = #FILES
PLOT SCALE = #SCALE

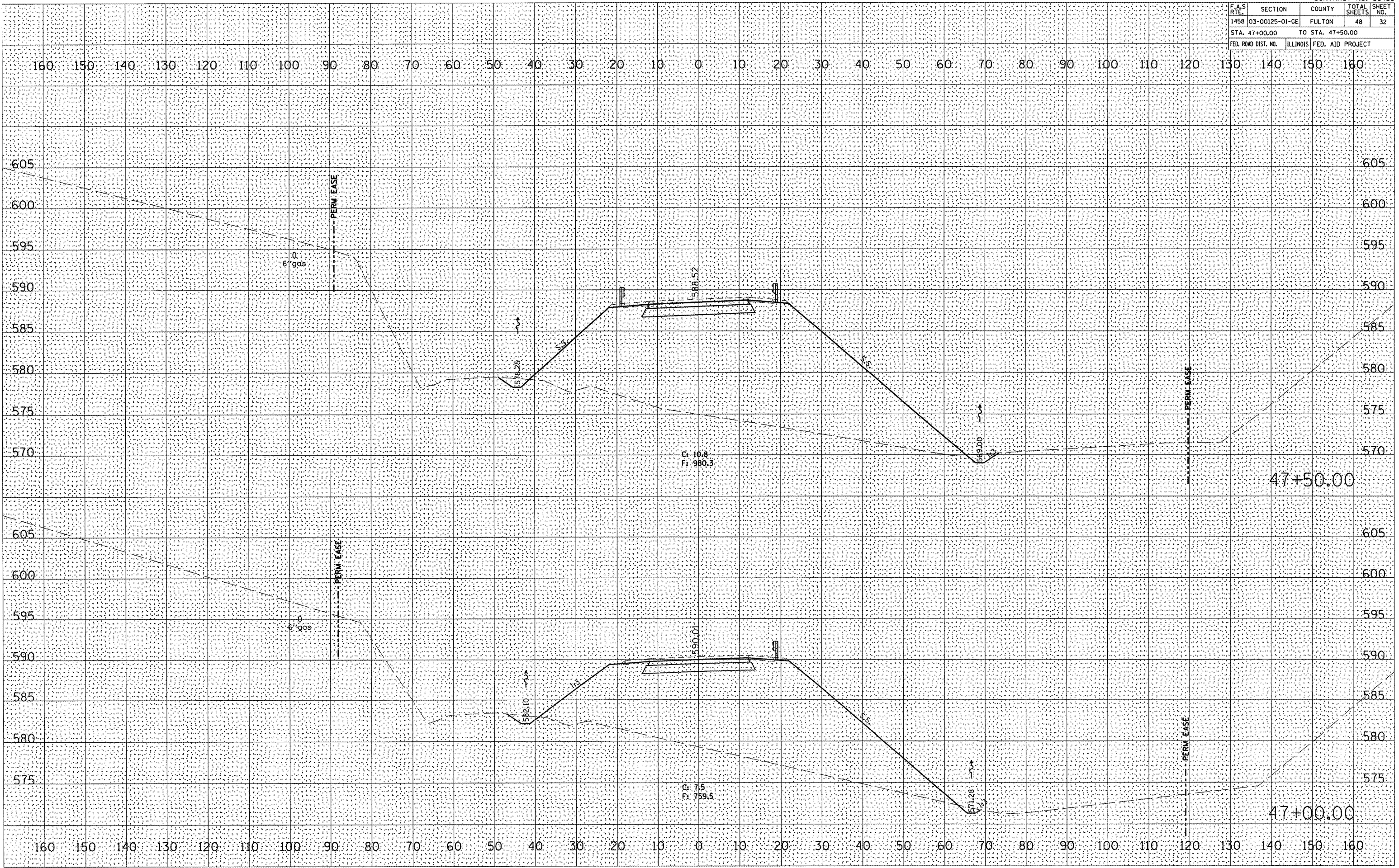


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1458	03-00125-01-GE	FULTON	48	32
STA. 47+00.00		TO STA. 47+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	BY

DATE	BY

PLOT DATE = #DATE#
PLOT DATE = #DATE#
PLOT DATE = #DATE#
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
145B	03-00125-01-GE	FULTON	48	33
STA. 48+00.00		TO STA. 48+50.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

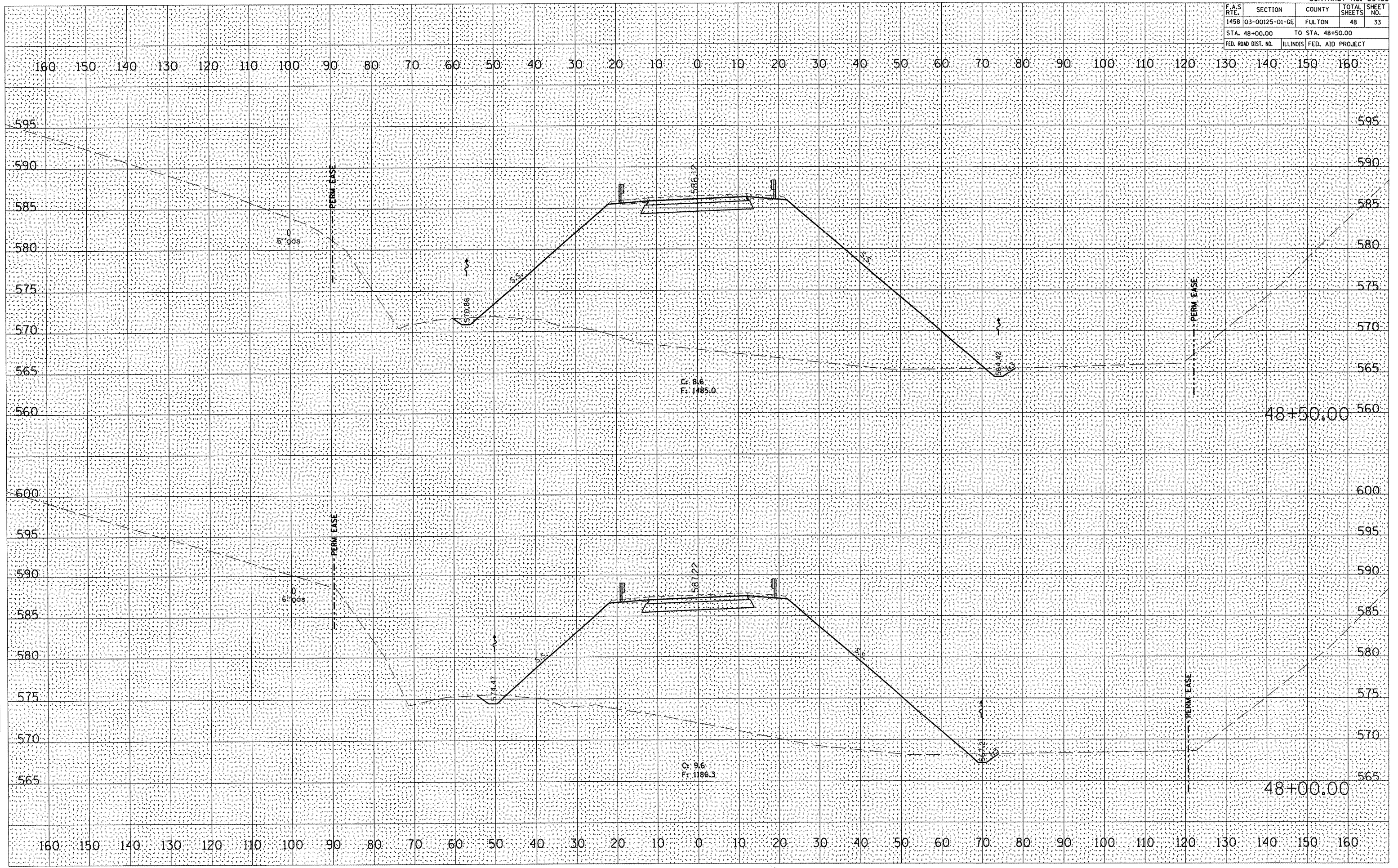
BY: _____ DATE: _____

ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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	AREAS CHECKED

BY: _____ DATE: _____

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

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PLOT SCALE: #SCALE#

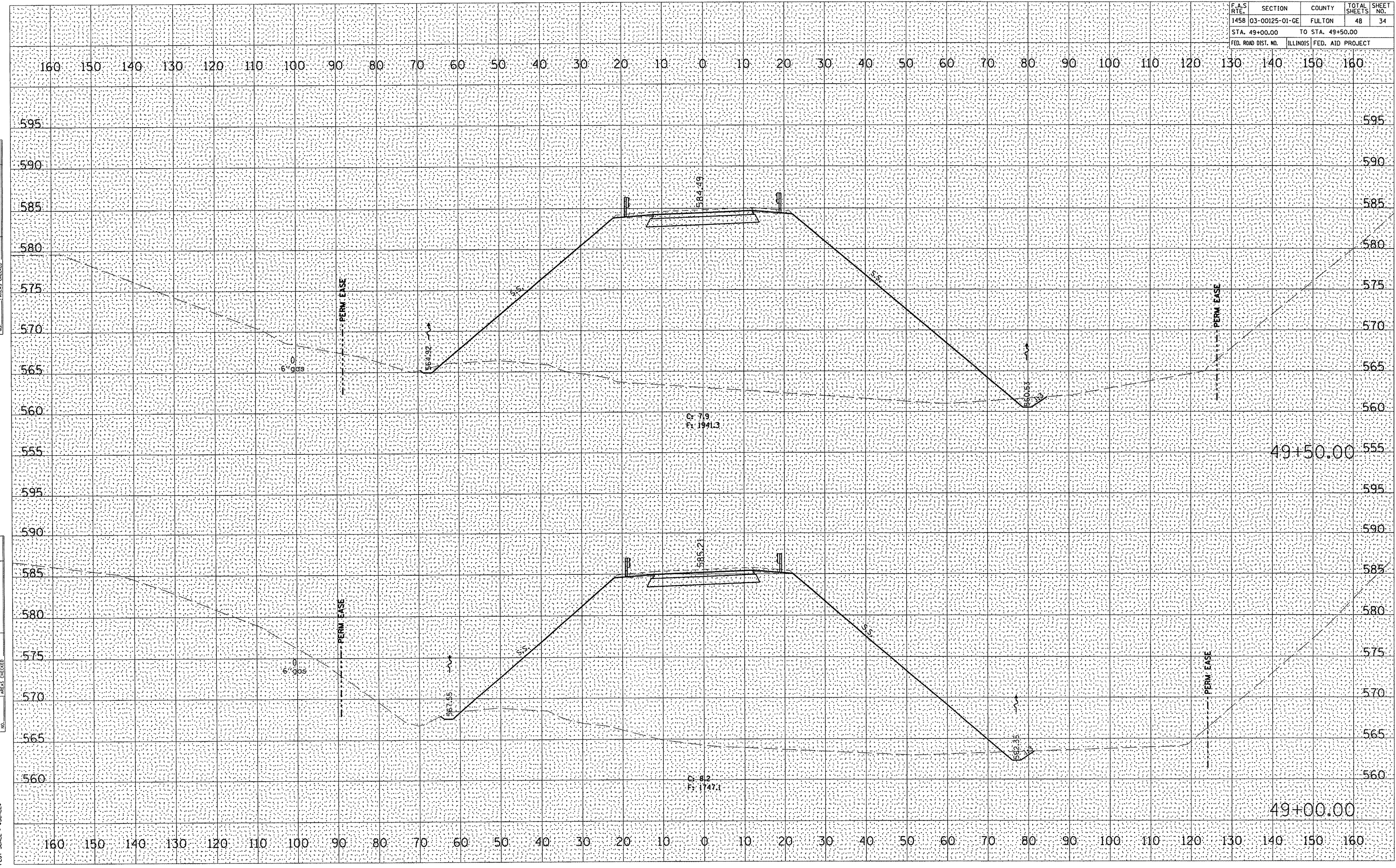


F.A.S. RY.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1458	03-00125-01-GE	FULTON	48	34
STA. 49+00.00		TO STA. 49+50.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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 AREAS CHECKED _____
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 PLOT SCALE * SCALE *

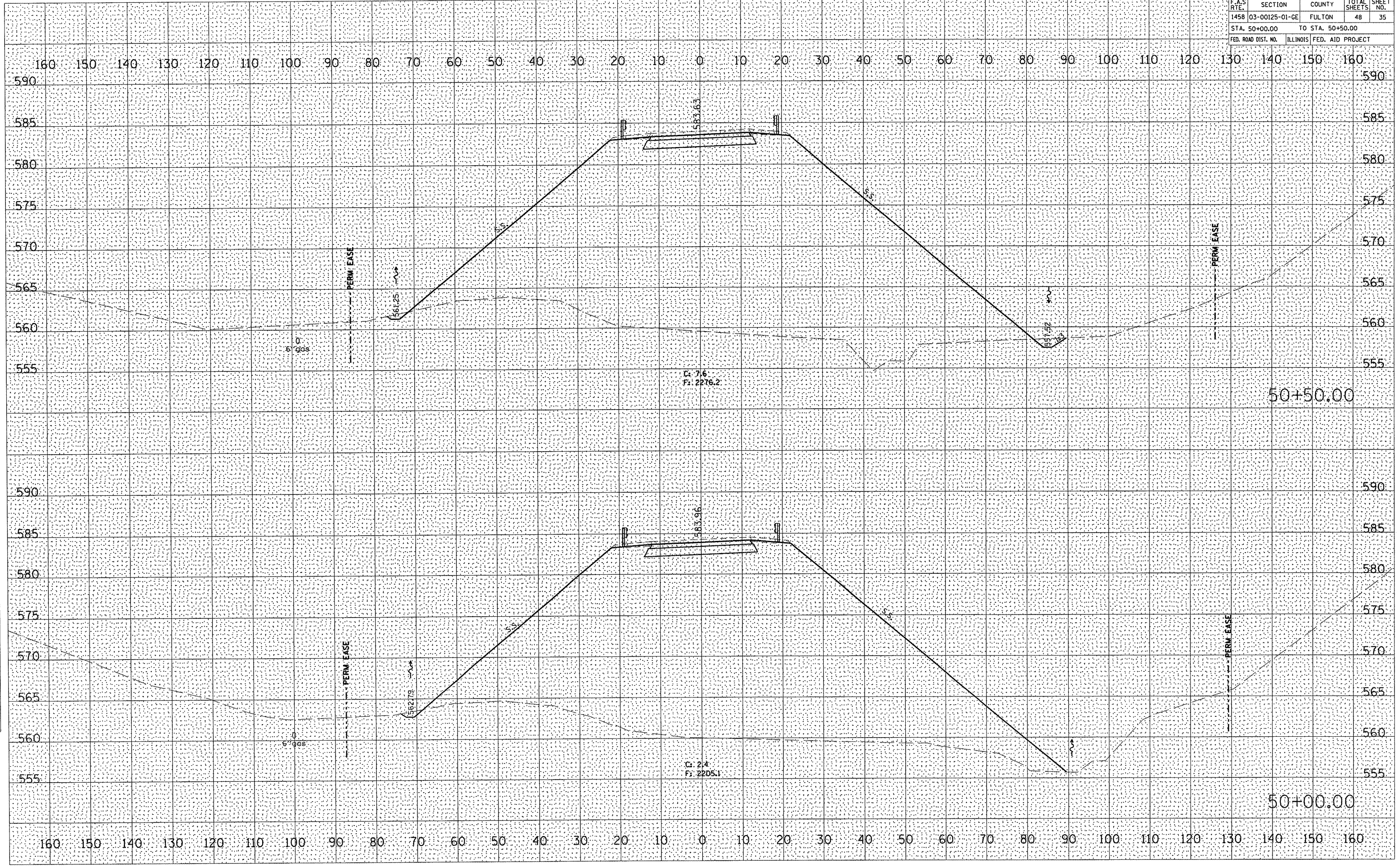


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1458	03-00125-01-GE	FULTON	48	35
STA. 50+00.00		TO STA. 50+50.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DATE
BY
SURVEYED
PLOTTED
NOTE BOOK
AREAS CHECKED

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SURVEYED
PLOTTED
NOTE BOOK
AREAS CHECKED

PLOT DATE
FILE NAME
PLOT SCALE

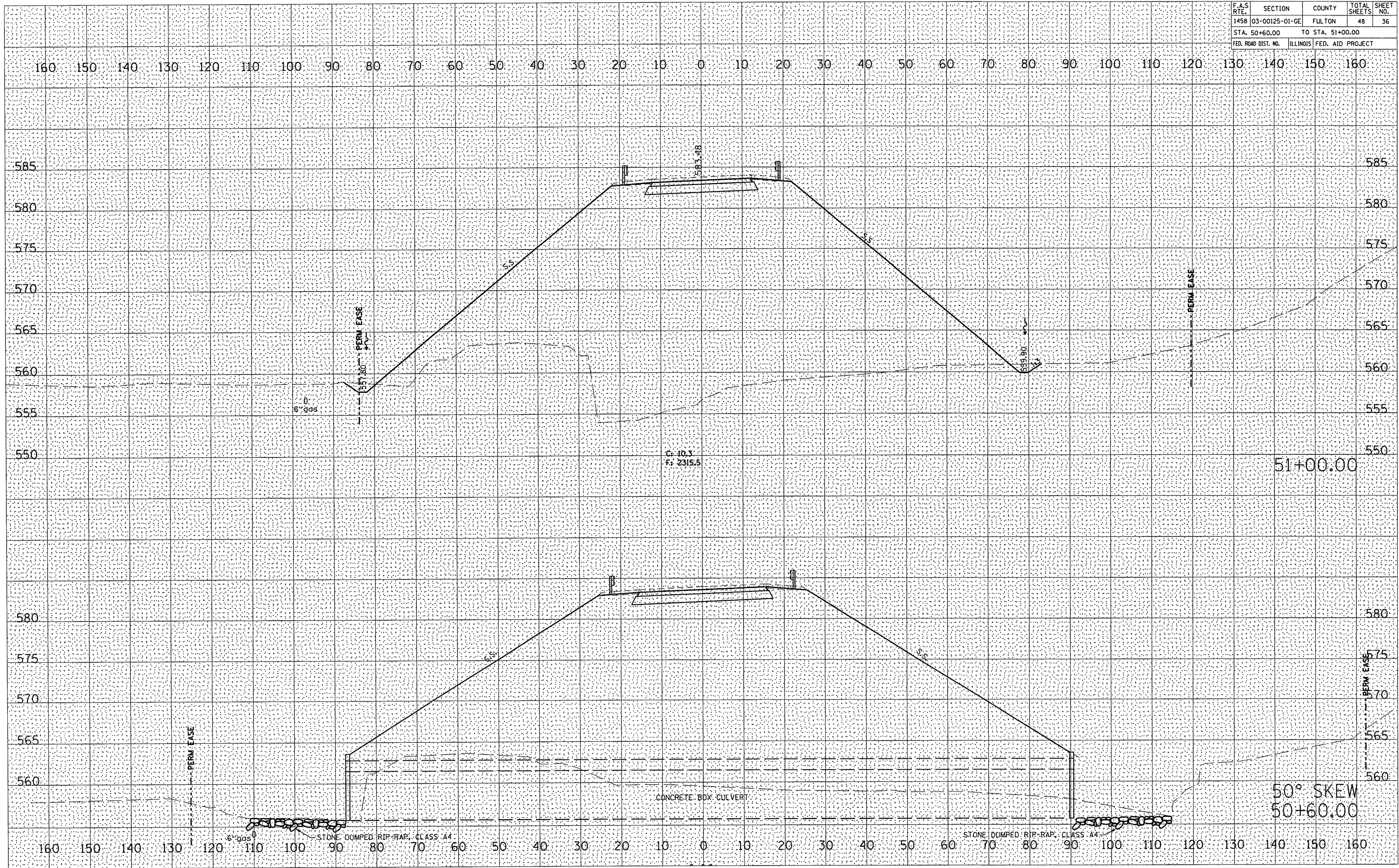


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
145B	03-00125-01-0E	FULTON	48	36
STA. 50+60.00		TO STA. 51+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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PLOT DATE: 11/15/03
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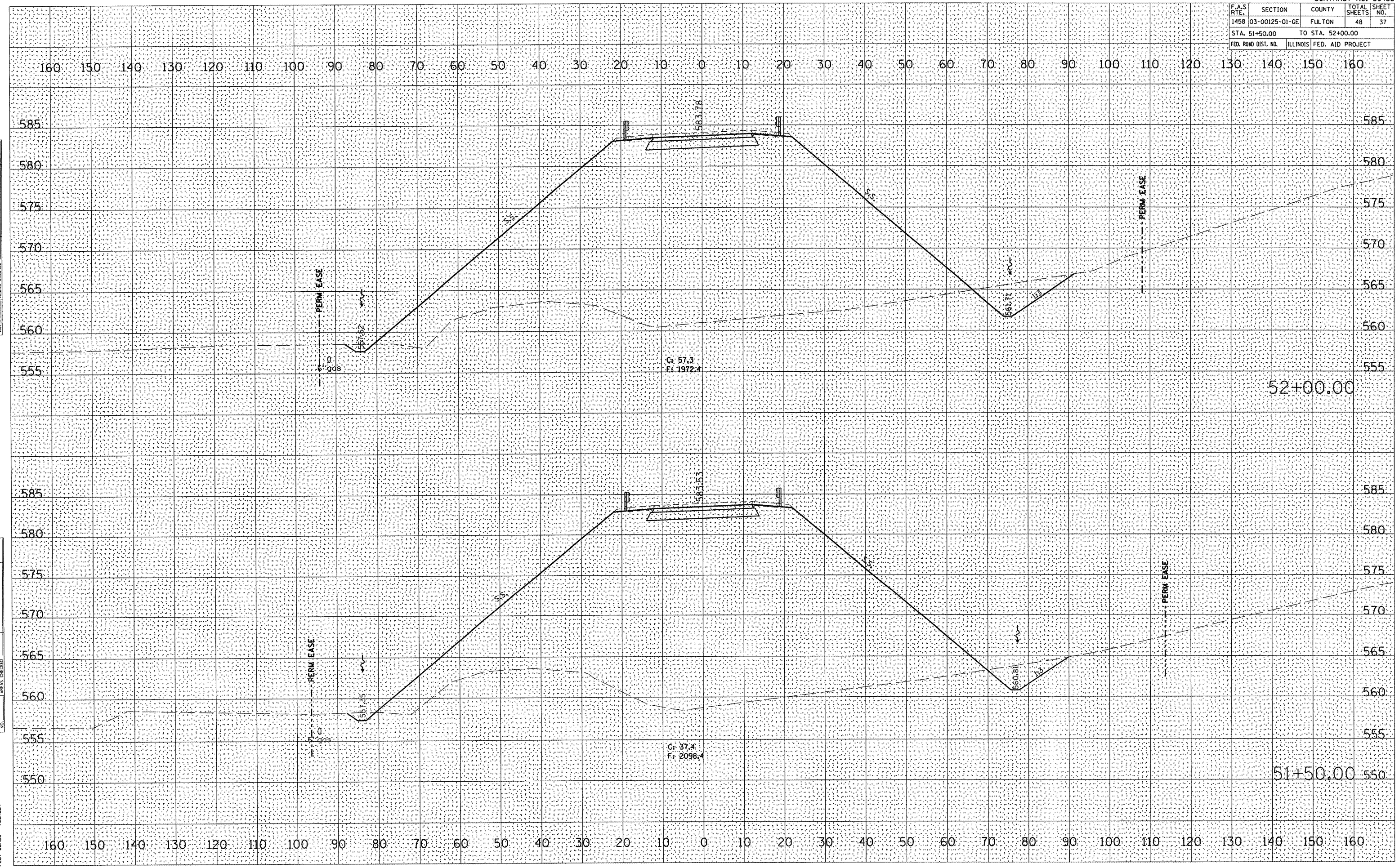


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1458	03-00125-01-GE	FULTON	48	37
STA. 51+50.00		TO STA. 52+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	
BY	
FINAL SURVEY	
NOTE BOOK	
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ORIGINAL SURVEY	
NOTE BOOK	
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PLOT DATE: #DATE#
 FILE NAME: #FILES#
 PLOT SCALE: #SCALE#



F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1458	03-00125-01-GE	FULTON	48	38
STA. 52+50.00		TO STA. 53+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

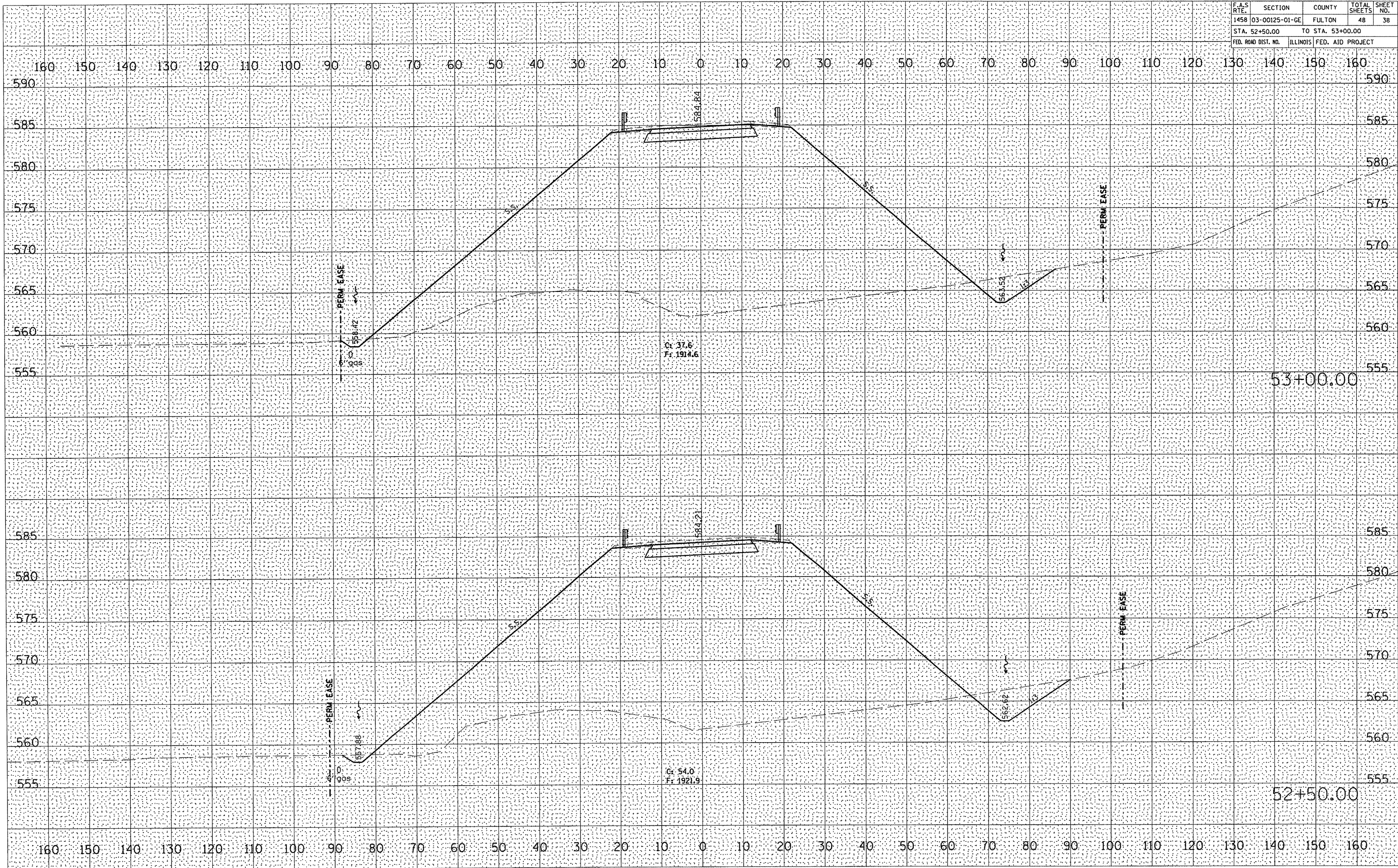
BY: _____ DATE: _____

FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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	AREAS CHECKED

BY: _____ DATE: _____

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

PLOT DATE: _____
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SCALE: _____

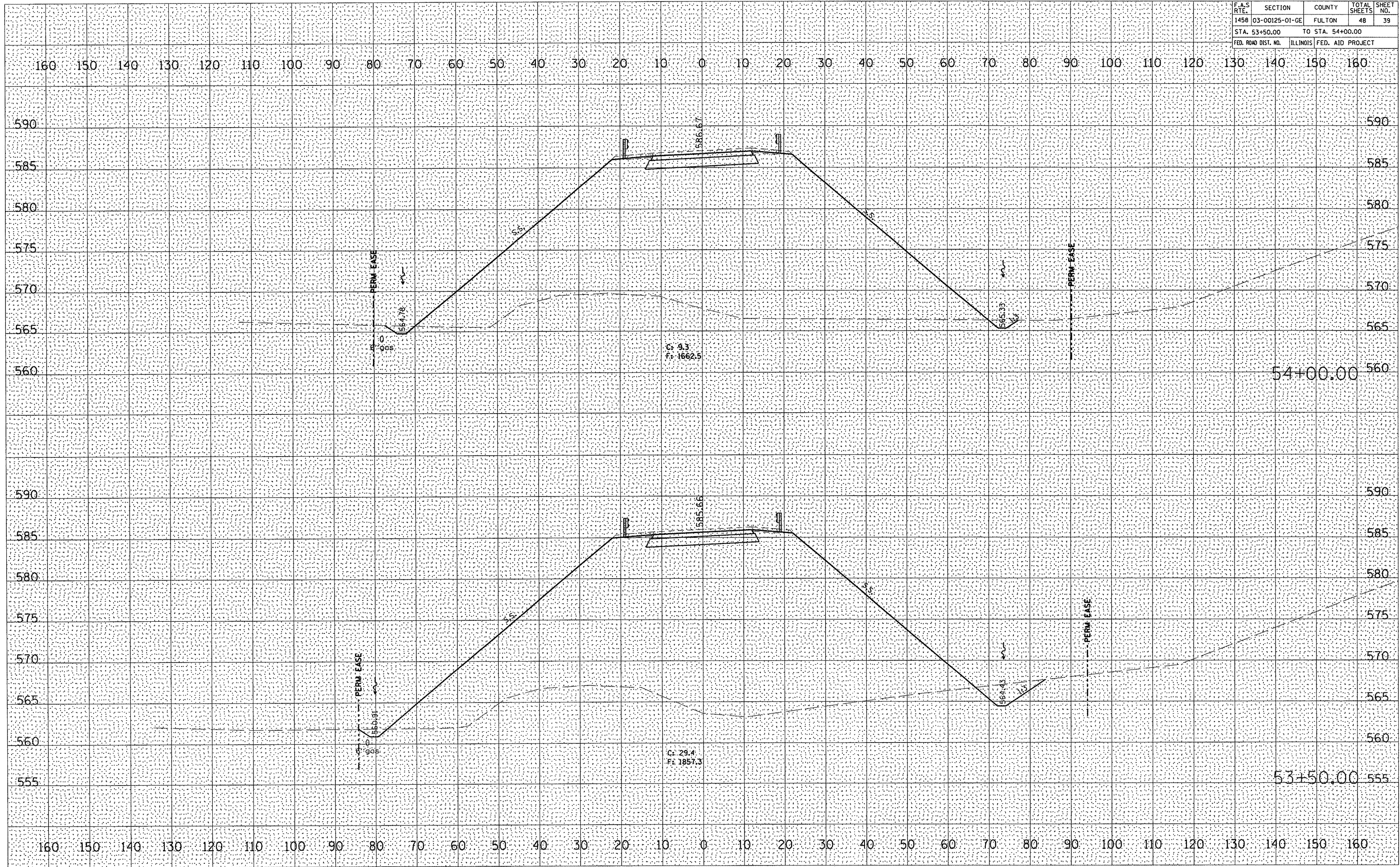


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1458	03-00125-01-GE	FULTON	48	39
STA. 53+50.00		TO STA. 54+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

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

PLOT DATE = 8/17/04
PLOT SCALE = 82.5/1



F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1458	03-00125-01-GE	FULTON	48	40
STA. 54+50.00 TO STA. 55+00.00				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

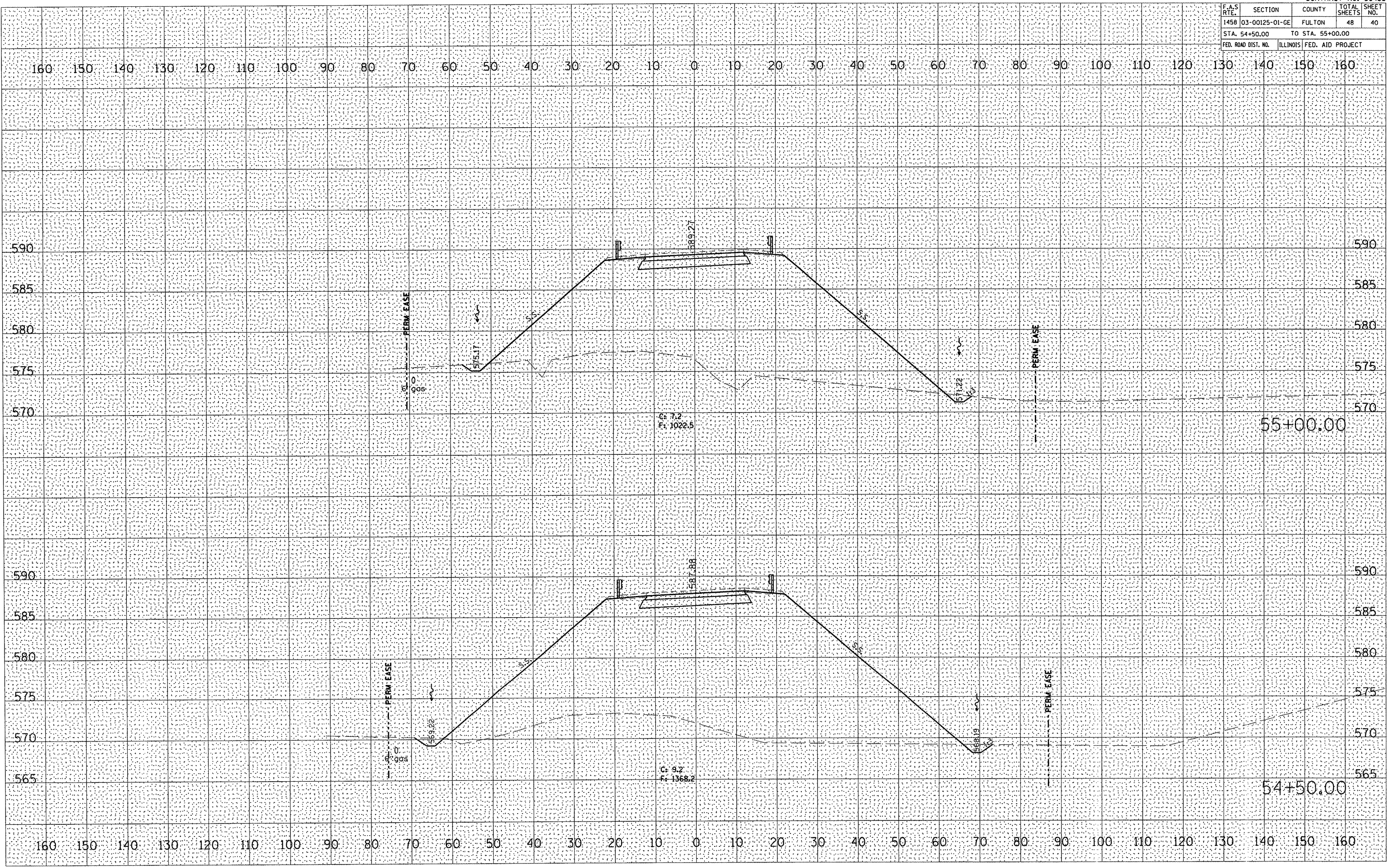
DATE _____
BY _____

FINAL SURVEY
CHECKED _____
PLOTTER _____
NOTE BOOK _____
AREAS CHECKED _____
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DATE _____
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ORIGINAL SURVEY
CHECKED _____
PLOTTER _____
NOTE BOOK _____
AREAS CHECKED _____
NO. _____

PLOT DATE: *DATE*
FILE NAME: *FILE#*
PLOT SCALE: *SCALE*

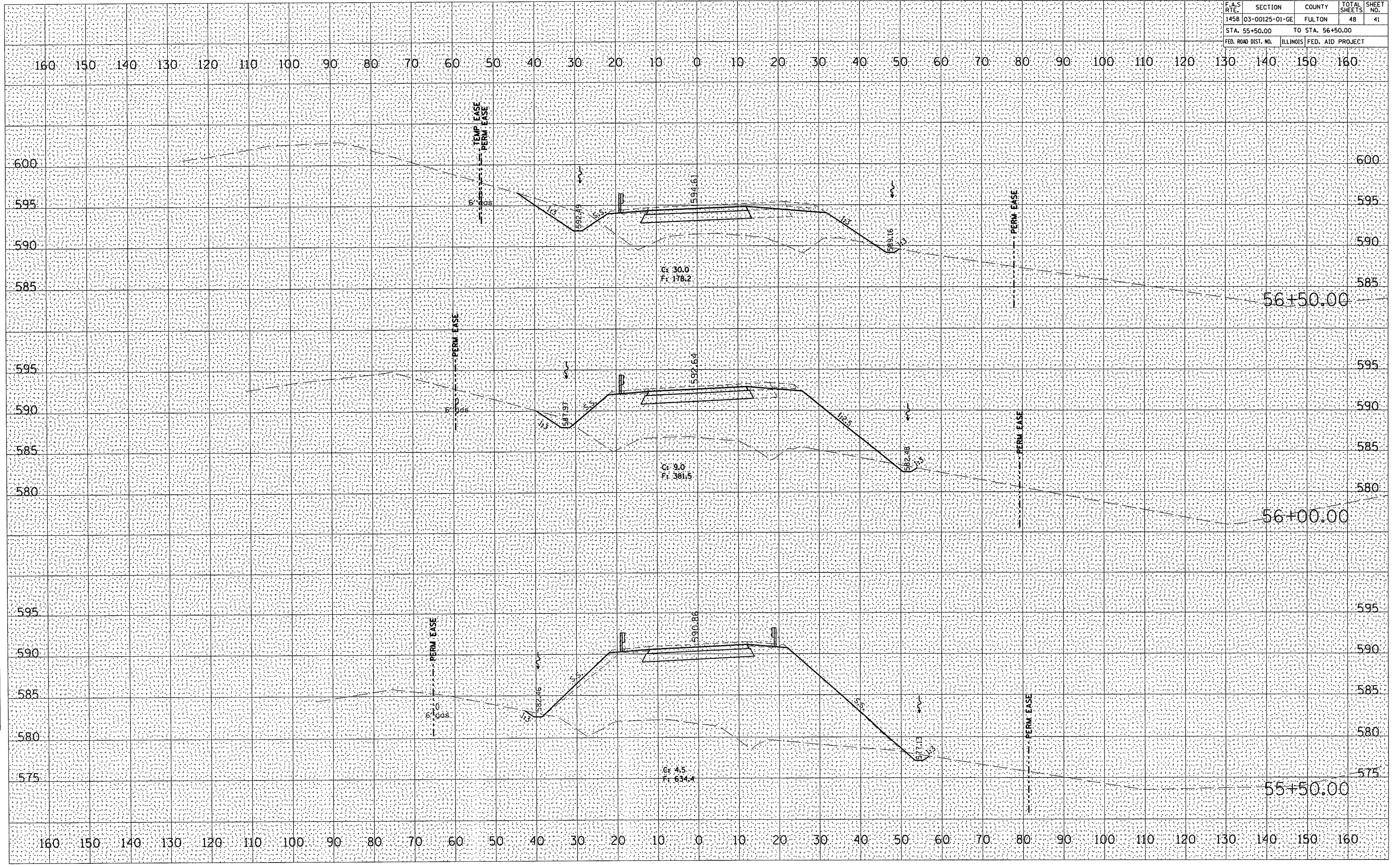


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1458	03-00125-01-GE	FULTON	48	41
STA. 55+50.00		TO STA. 56+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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TEMPLATE	
NOTE BOOK	
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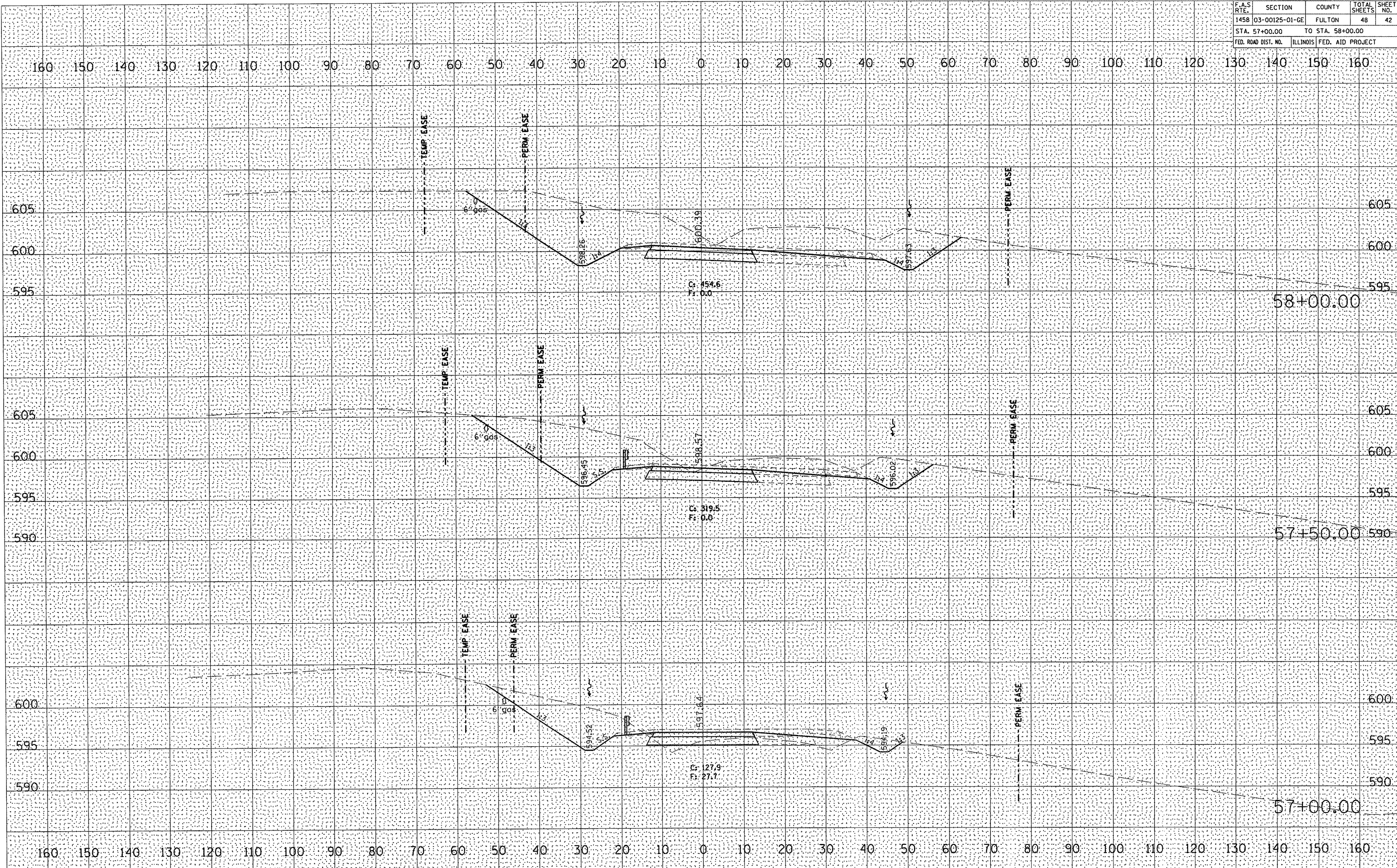


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1458	03-00125-01-GE	FULTON	48	42
STA. 57+00.00		TO STA. 58+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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FINAL SURVEY _____
REVISIONS _____
PLOTTER _____
TEMPLATE _____
NOTE BOOK _____
AREAS CHECKED _____
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DATE _____
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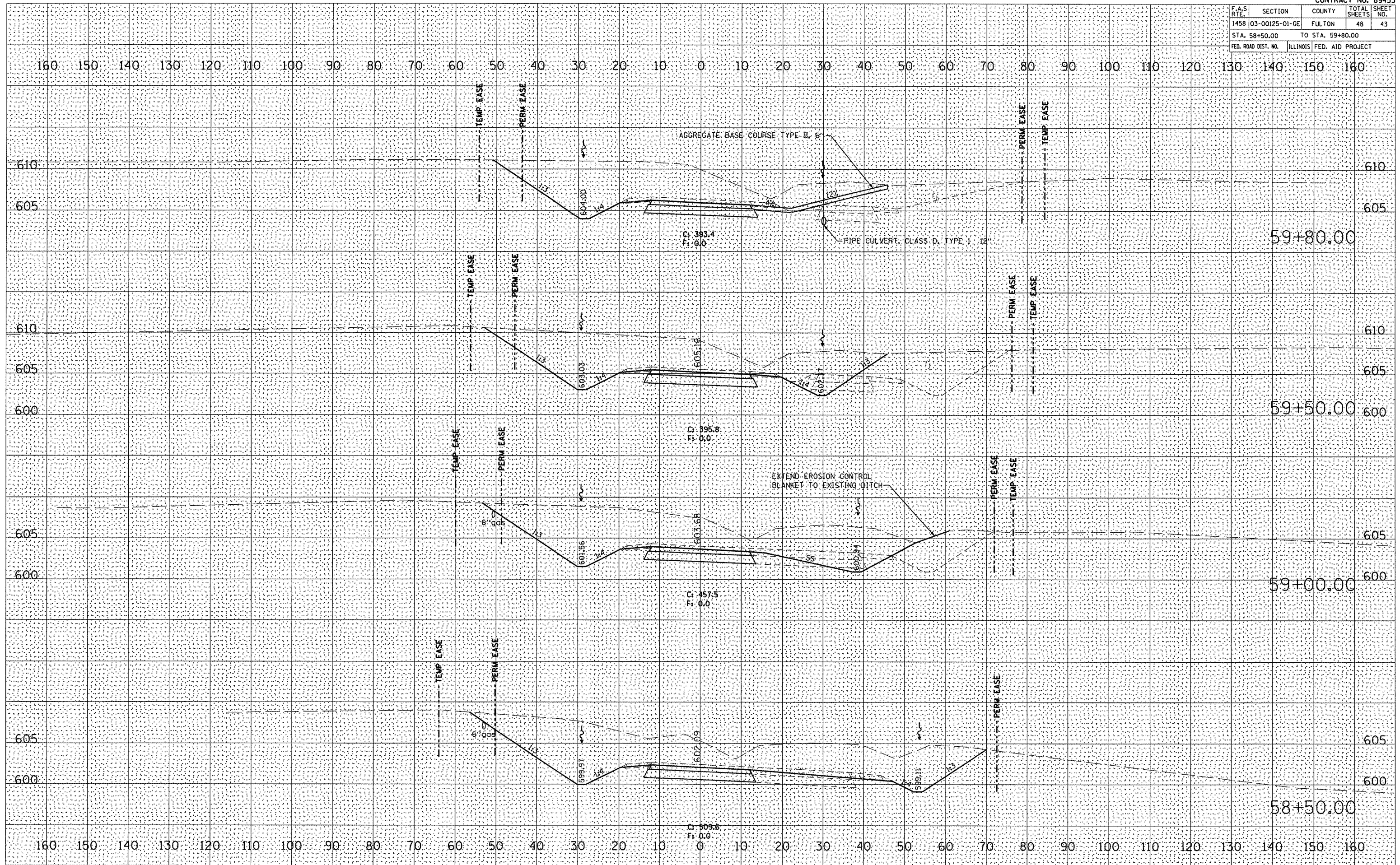


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1458	03-00125-01-GE	FULTON	48	43
STA. 58+50.00		TO STA. 59+80.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	
BY	
REVISIONS	
FINAL SURVEY	
NOTE BOOK	
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DATE	
BY	
REVISIONS	
ORIGINAL SURVEY	
NOTE BOOK	
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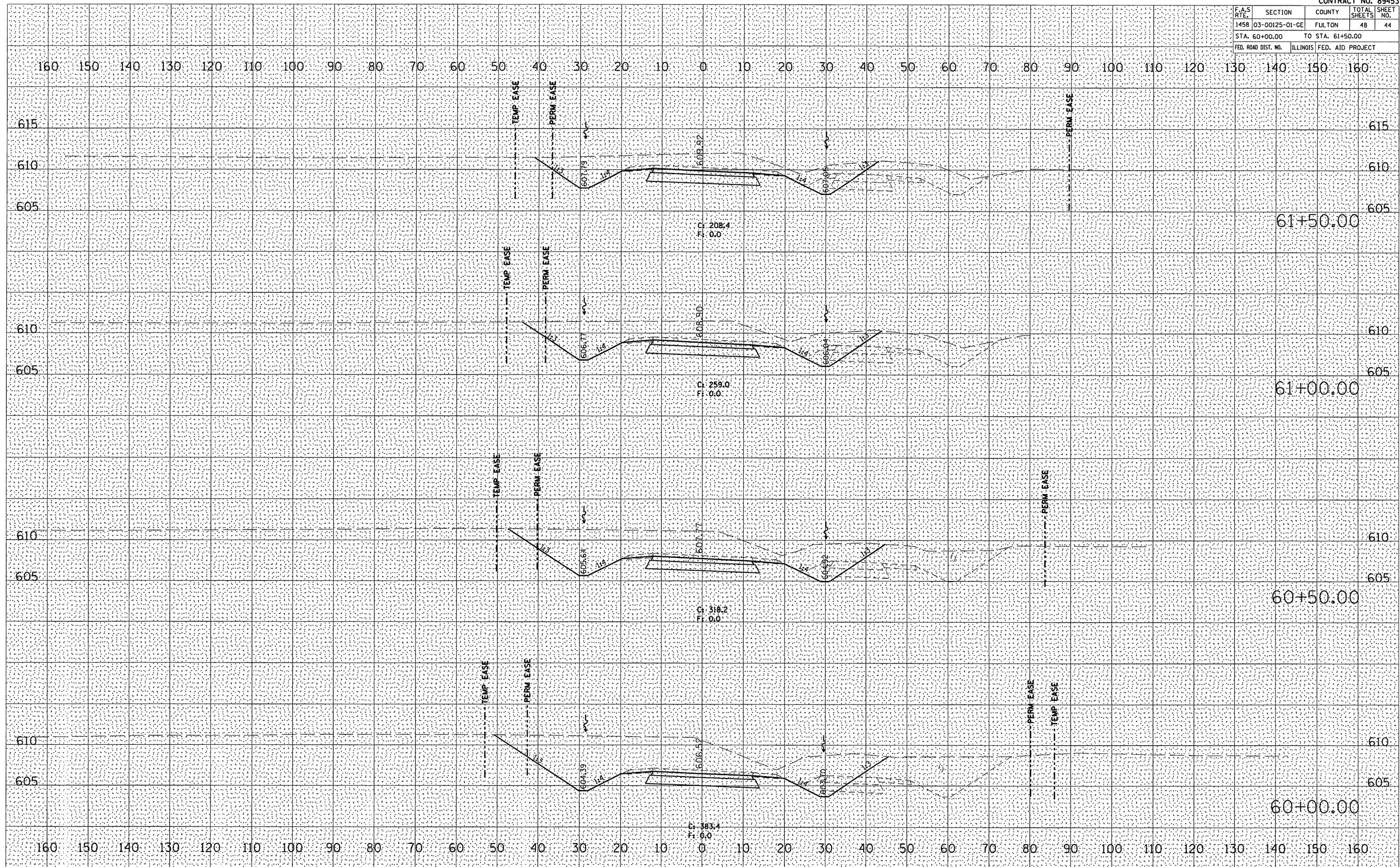


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1458	03-00125-01-GE	FULTON	48	44
STA. 60+00.00		TO STA. 61+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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

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

PLOT DATE * DATE
FILE NAME * #FILE#
PLOT SCALE * #SCALE#

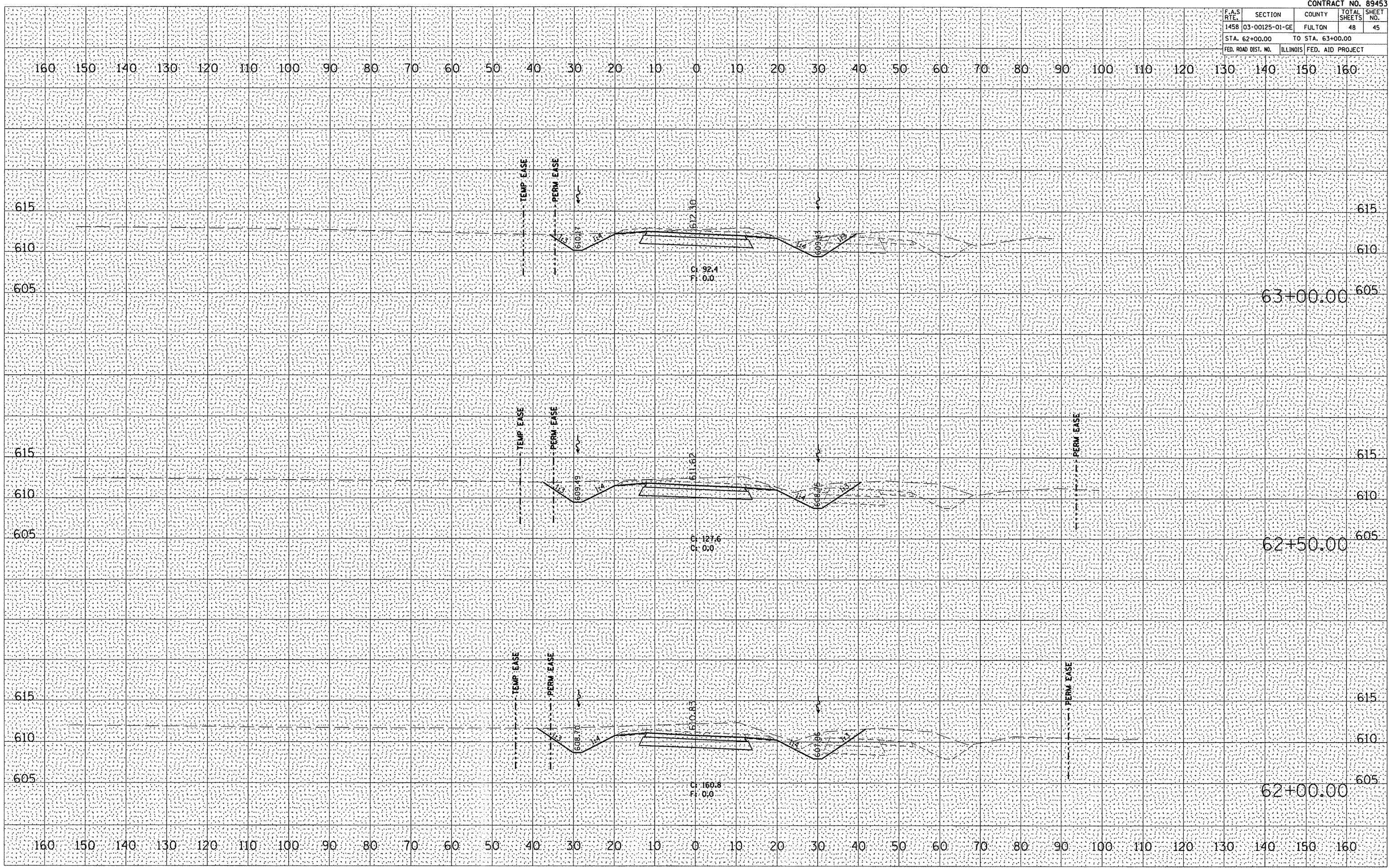


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1458	03-00125-01-GE	FULTON	48	45
STA. 62+00.00		TO STA. 63+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

BY _____ DATE _____
SURVEYED _____
FINAL SURVEY _____
NOTE BOOK _____
NO. _____
TEMPERATURE _____
AREAS CHECKED _____

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

DATE: _____
SCALE: _____

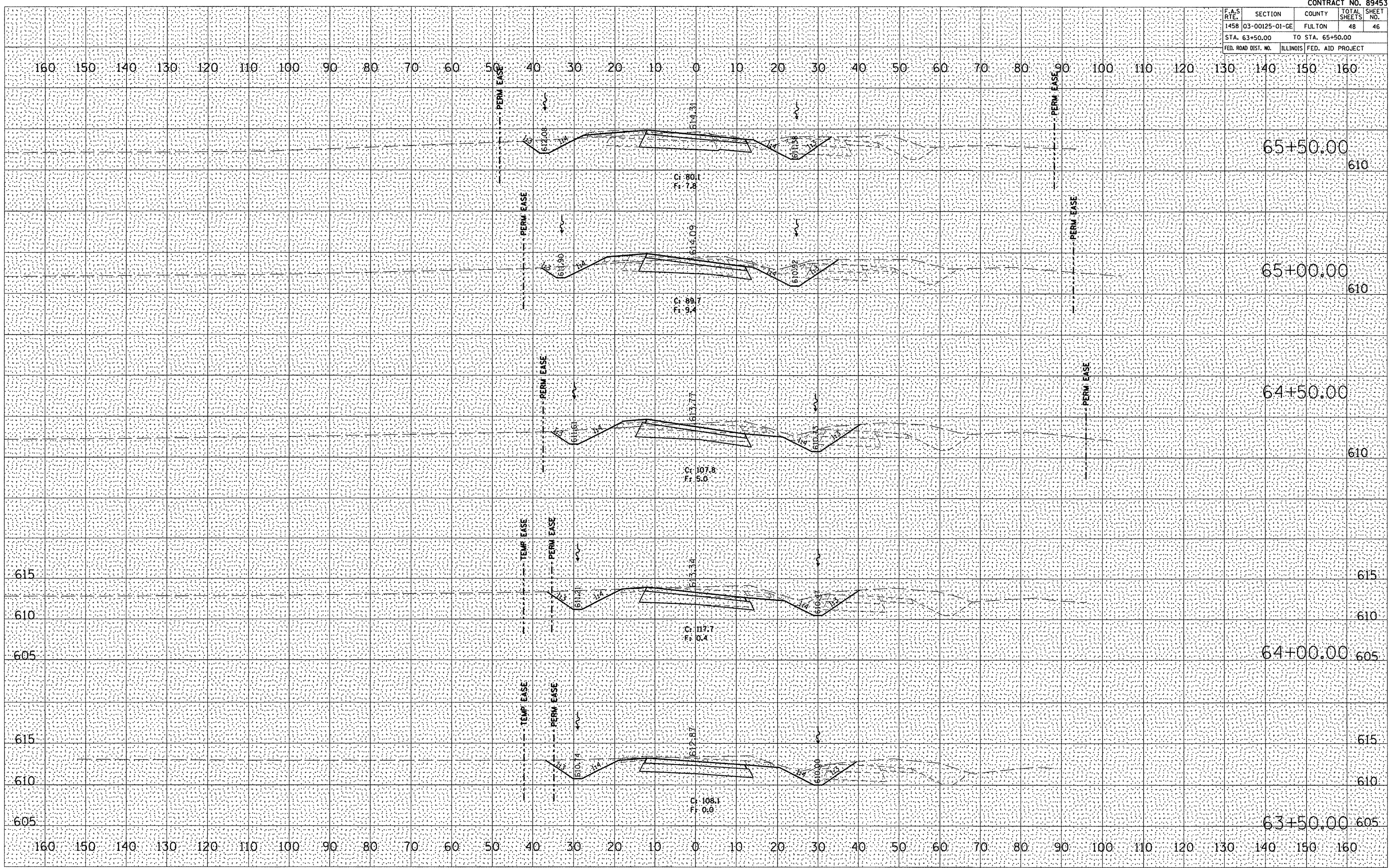


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1458	03-00125-01-GE	FULTON	48	46
STA. 63+50.00		TO STA. 65+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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

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

PLOT DATE = #DATE#
 PLOT SCALE = #SCALE#
 PLOT SCALE = #SCALE#



F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1458	03-00125-01-GE	FULTON	48	47
STA. 66+00.00		TO STA. 68+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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

DATE: _____

BY: _____

SWITCHED _____

FINAL SURVEY _____

NOTE BOOK _____

TEMPLATE _____

AREAS CHECKED _____

NO. _____

68+00.00₆₁₀

C: 60.8
F: 7.9

67+50.00₆₁₀

C: 35.8
F: 5.2

67+00.00₆₁₀

C: 13.5
F: 3.5

66+50.00₆₁₀

C: 40.9
F: 5.8

66+00.00₆₁₀

C: 60.2
F: 9.1

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

DATE: _____

BY: _____

SWITCHED _____

ORIGINAL SURVEY _____

NOTE BOOK _____

TEMPLATE _____

AREAS CHECKED _____

NO. _____

PLOT DATE: _____

SCALE: _____

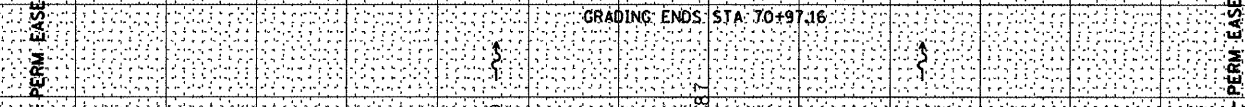
FILE NAME: _____

PLOT SCALE: _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1458	03-00125-01-GE	FULTON	48	48
STA. 68+50.00		TO STA. 70+50.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

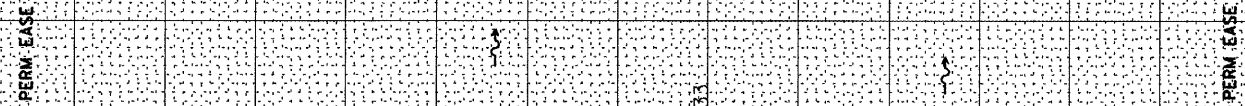
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GRADING ENDS STA. 70+97.16



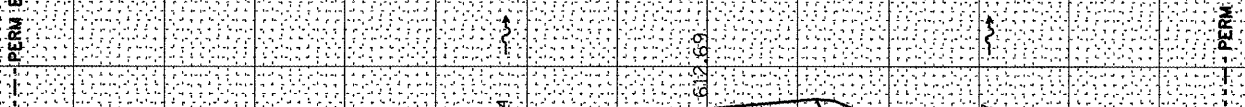
70+50.00₆₁₀

C: 56.4
F: 2.8



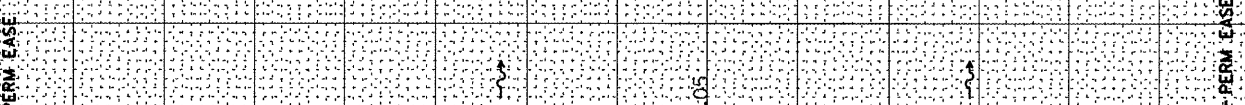
70+00.00₆₁₀

C: 70.1
F: 2.8



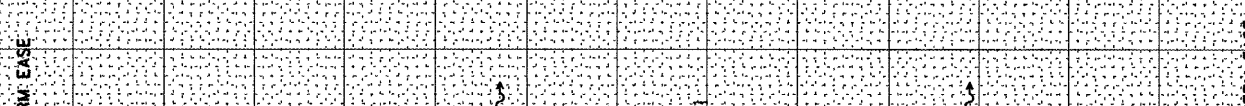
69+50.00₆₁₀

C: 81.1
F: 4.7



69+00.00₆₁₀

C: 73.3
F: 11.9



68+50.00₆₁₀

C: 71.8
F: 13.5

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

DATE _____
BY _____
FINAL SURVEY _____
CORRECTED _____
NOTED _____
NO. _____

DATE _____
BY _____
ORIGINAL SURVEY _____
CORRECTED _____
NOTED _____
NO. _____

PLOT DATE = #DATE#
FILE NAME = #FILE#
PLOT SCALE = #SCALE#