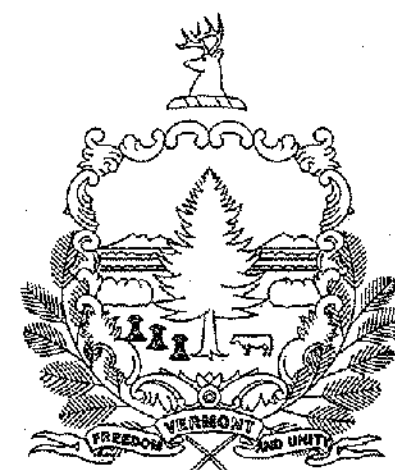
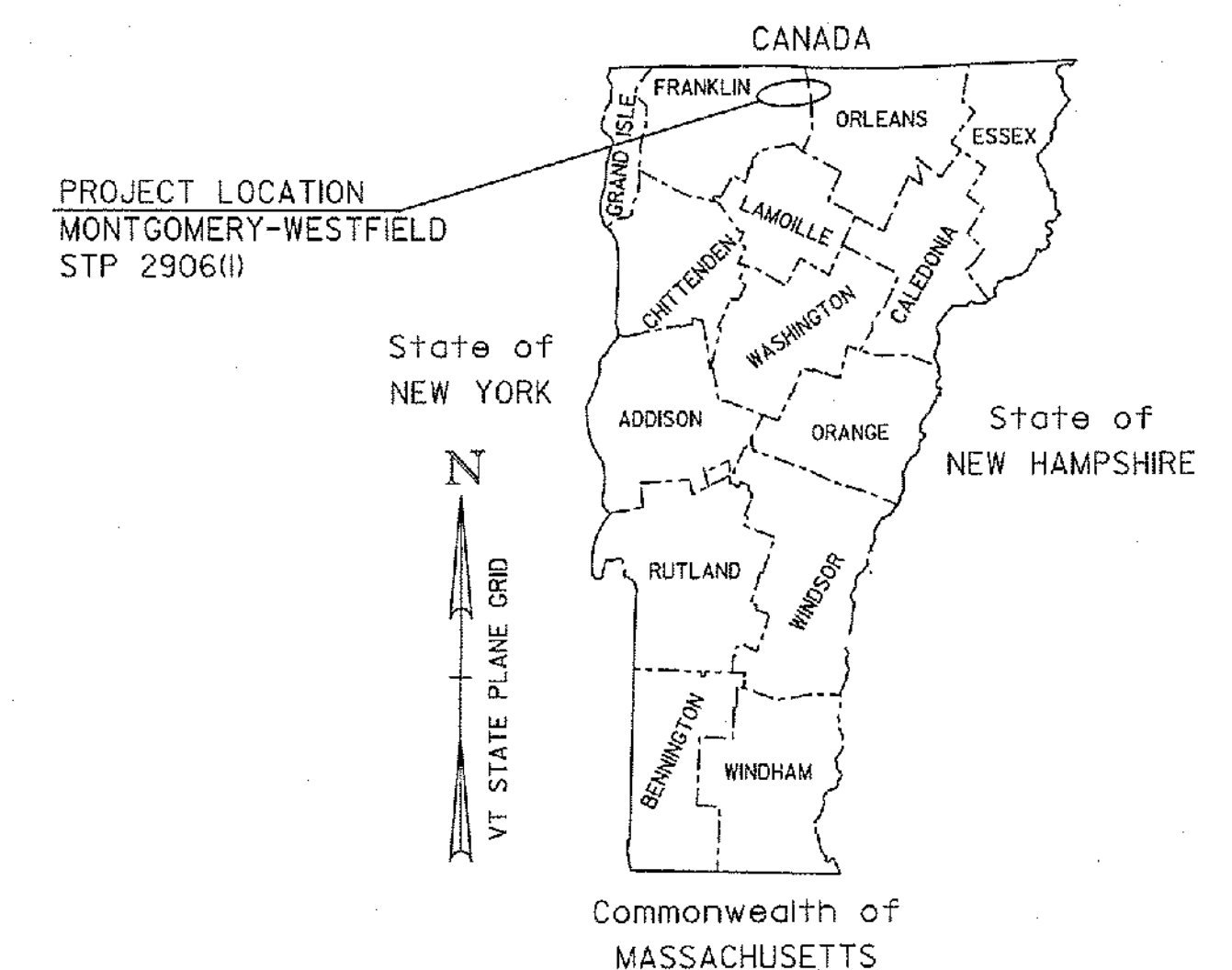


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SEE SHEET 2

STATE OF VERMONT AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT TOWNS OF MONTGOMERY AND WESTFIELD COUNTIES OF FRANKLIN AND ORLEANS VT ROUTE 242 MAJOR COLLECTOR



PROJECT LOCATION: BEGINNING AT THE INTERSECTION OF VT ROUTE 118 & VT ROUTE 242 IN THE TOWN OF MONTGOMERY, AT MILE MARKER 0.004 = STA. 0+20.00 AND EXTENDING EASTERLY ALONG VT ROUTE 242 FOR A DISTANCE OF 33924.25 FT (6.425 MILES) TO AN ENDING POINT AT MILE MARKER 2.626 = STA. A 138+65.00 IN THE TOWN OF WESTFIELD.

	LENGTH	
	(FEET)	(MILES)
TOWN OF MONTGOMERY STA. 0+20.00 TO STA. 200+79.25 (MM 0.004 TO MM 3.803)	20059.25	3.799
TOWN OF WESTFIELD STA. A 0+00.00 TO STA. A 138+65.00 (MM 0.000 TO MM 2.626)	13865.00	2.626

TRAFFIC DATA

HIGHWAY SECTION	AADT		DHV		CUM. ESALS (2012-2022)	CUM. ESALS (2011-2032)
	2012	2022	2012	2022		
BEGIN PROJECT TO END PROJECT	1300	1400	190	200	173,000	408,000

TOTAL ROADWAY LENGTH = 33924.25 6.425
TOTAL PROJECT LENGTH = 33924.25 6.425

PROJECT DESCRIPTION: WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES COLD PLANING, RECLAIMING, CORRECTING SUPERELEVATION DEFICIENCIES, RESURFACING WITH BASE, INTERMEDIATE, AND WEARING COURSES, NEW PAVEMENT MARKINGS, GUARDRAIL IMPROVEMENTS, DRAINAGE IMPROVEMENTS AND OTHER RELATED HIGHWAY ITEMS.

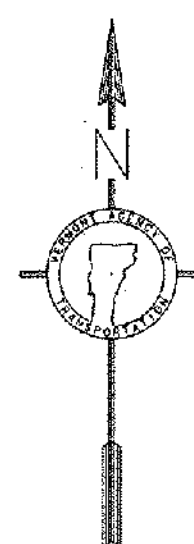
BITUMINOUS CONCRETE SUPERPAVE MIXTURE DESIGN CRITERIA	
DESIGN LANE/DESIGN LIFE ESAL	204,000
DESIGN NUMBER OF CYRATIONS	65
PERFORMANCE GRADED ASPHALT BINDER	SEE SUBSECTION 490.038

STATIONING PREFACE DESIGNATION:
NO DESIGNATION = MONTGOMERY
A = WESTFIELD

QUALITY ASSURANCE PROGRAM: LEVEL 3

CONVENTIONAL SYMBOLS

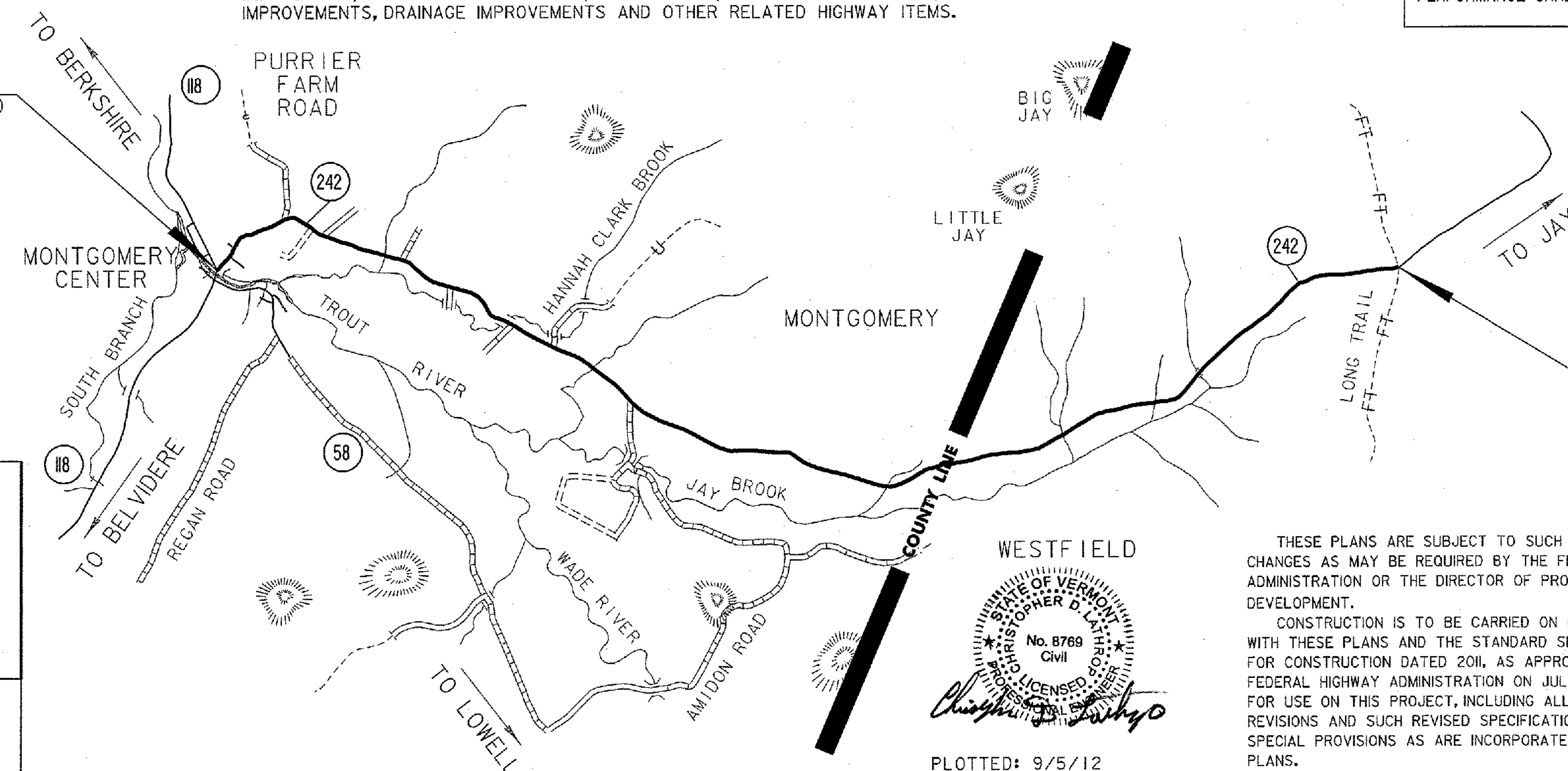
COUNTY LINE	
TOWN LINE	
LIMITS OF ACCESS	
POINT OF ACCESS	
FENCE LINE	
STONE WALL	
TRAVELED WAY	
GUARD RAIL	
RAILROAD	
SURVEY LINE	
CULVERT	
POWER POLE	
TELEPHONE POLE	
TREES	
SWAMPY AREA	
CONTROL OF ACCESS	
PROPERTY LINE	
R.O.W. TAKING LINE	
SLOPE RIGHTS	
TOP OF CUT	
TOE OF SLOPE	



DuBois & King inc.

engineering planning management development

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83



THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE DIRECTOR OF PROGRAM DEVELOPMENT.
CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2011, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JULY 20, 2011 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

DIRECTOR OF PROGRAM DEVELOPMENT	
APPROVED:	DATE 9-6-12
PROJECT MANAGER: MIKE FOWLER, P.E.	
PROJECT NAME: MONTGOMERY-WESTFIELD	
PROJECT NUMBER: STP 2906 (1)	
SHEET 1 OF 178 SHEETS	

PLOTTED: 9/5/12

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VAOT STANDARDS

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E-100	CONSTRUCTION APPROACH SIGNS	01/02/04
E-100A	SIDEROAD CONSTRUCTION APPROACH SIGNS	01/02/04
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E-102A	CONSTRUCTION SIGN DETAILS	05/01/04
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E-108	CONSTRUCTION ZONE LONGITUDINAL DROP OFFS	06/08/09
E-108A	CONSTRUCTION ZONE LONGITUDINAL DROP OFFS FOR PAVING	06/08/09
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OF
SHEETS

PROJECT NAME: MONTGOMERY-WESTFIELD

PROJECT NUMBER: STP 2906(1)

FILE NAME: p10CI90.dgn

PROJECT LEADER: CDL

DESIGNED BY: SJL

PLOT FILE: p10CI90_2.1

PLOT DATE: 9/5/12

DRAWN BY: SJL

CHECKED BY: CDL

SHEET 2 OF 178

GPS CONTROL POINTS

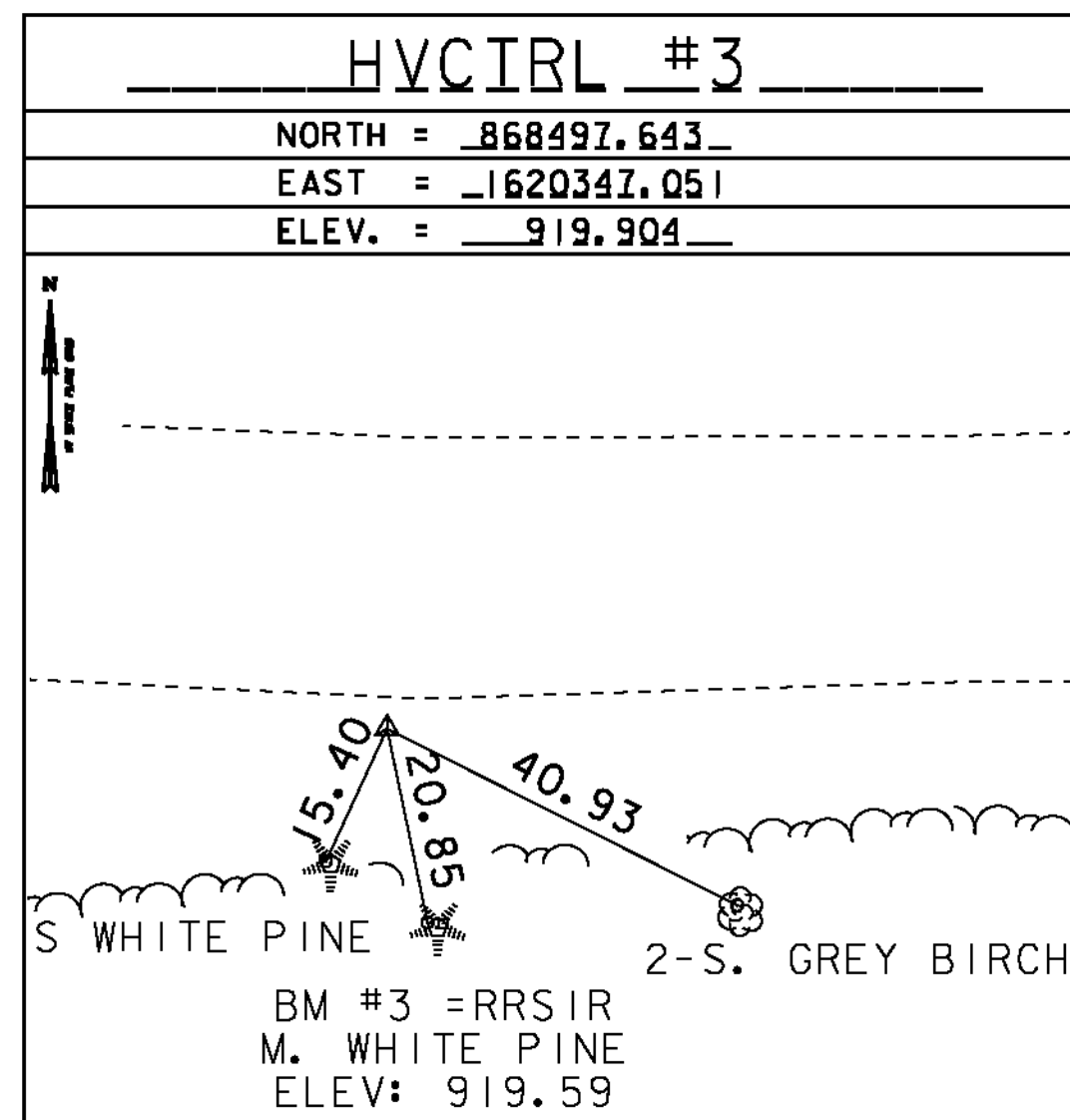
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HANNAH CLARK AZ MK
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EAST = -1622212.849
ELEV. = 939.368

GENERAL LOCATION, MONTGOMERY, VT.
TO REACH FROM THE INTERSECTION OF VT ROUTE 118 AND VT ROUTE 242 IN MONTGOMERY CENTER, GO EAST ALONG VT ROUTE 242 FOR 2.1 MI (3.4 KM) TO THE SITE OF THE MARK ON THE LEFT. THE MARK IS SET 10 CM (4 INCHES) BELOW GROUND SURFACE IN THE TOP OF A 30 CM (12 INCH) DIAMETER CONCRETE MONUMENT. IT IS 6.3 M (20.7 FT) NORTH OF AND ABOUT 0.2 M (0.7 FT) LOWER THAN THE CENTERLINE OF VT ROUTE 242, 55.4 M (181.8 FT) WEST OF THE CENTERLINE OF THE GRAVEL DRIVE LEADING TO HOUSE NO 2145, 24.3 M (79.7 FT) EAST OF THE MAILBOX FOR HOUSE NO 2104 WHICH IS SET ABOUT OPPOSITE THE CENTERLINE OF THE GRAVEL DRIVE LEADING TO THE SAME HOUSE, 71.7 M (235.2 FT) NORTH-NORTHWEST OF AND ACROSS THE ROAD FROM POLE NO 46, 59.9 M (196.5 FT) NORTHEAST OF AND ACROSS THE ROAD FROM THE NORTH CORNER OF HOUSE NO 2104 AND 0.3 M (1.0 FT) SOUTH OF A FIBERGLASS WITNESS POST.

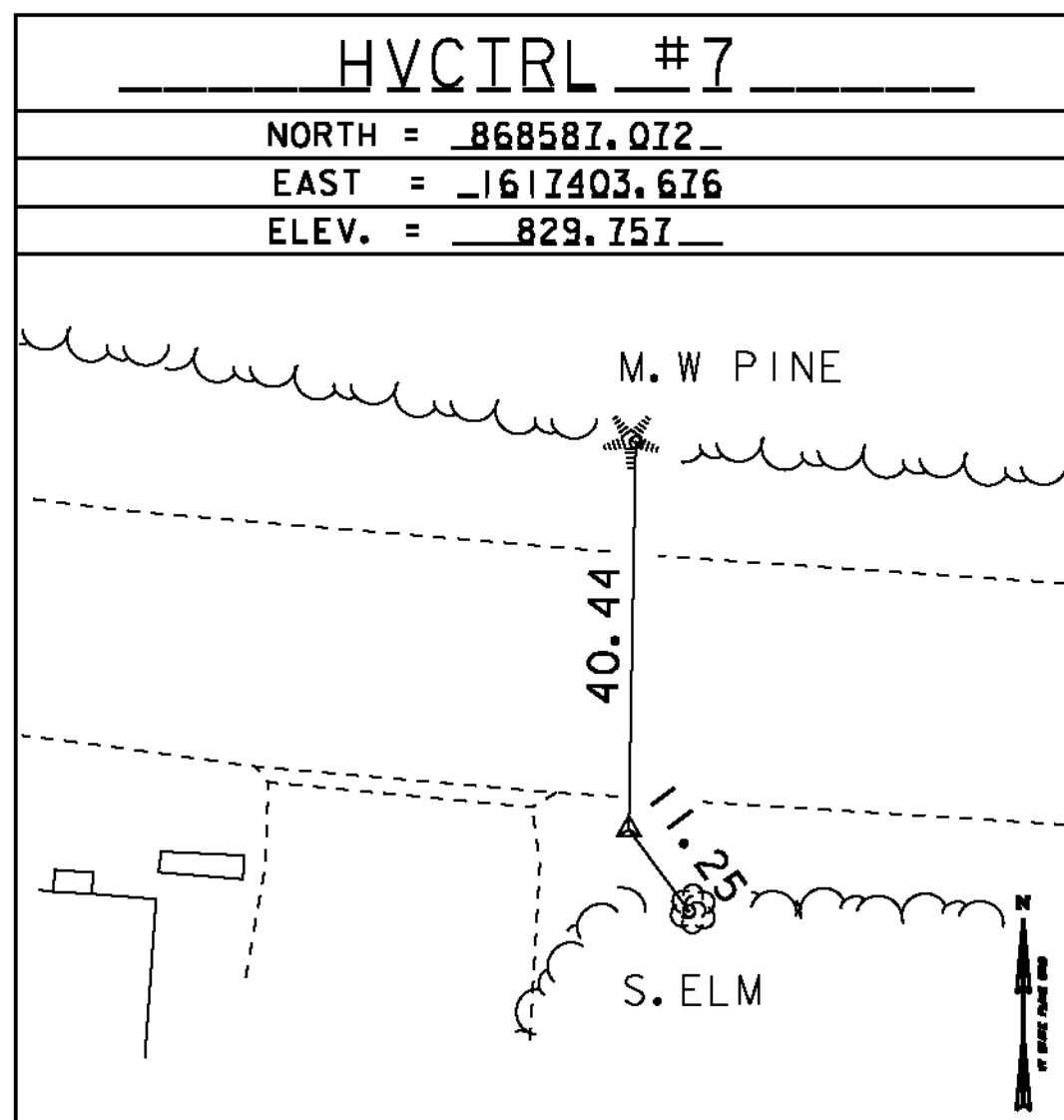
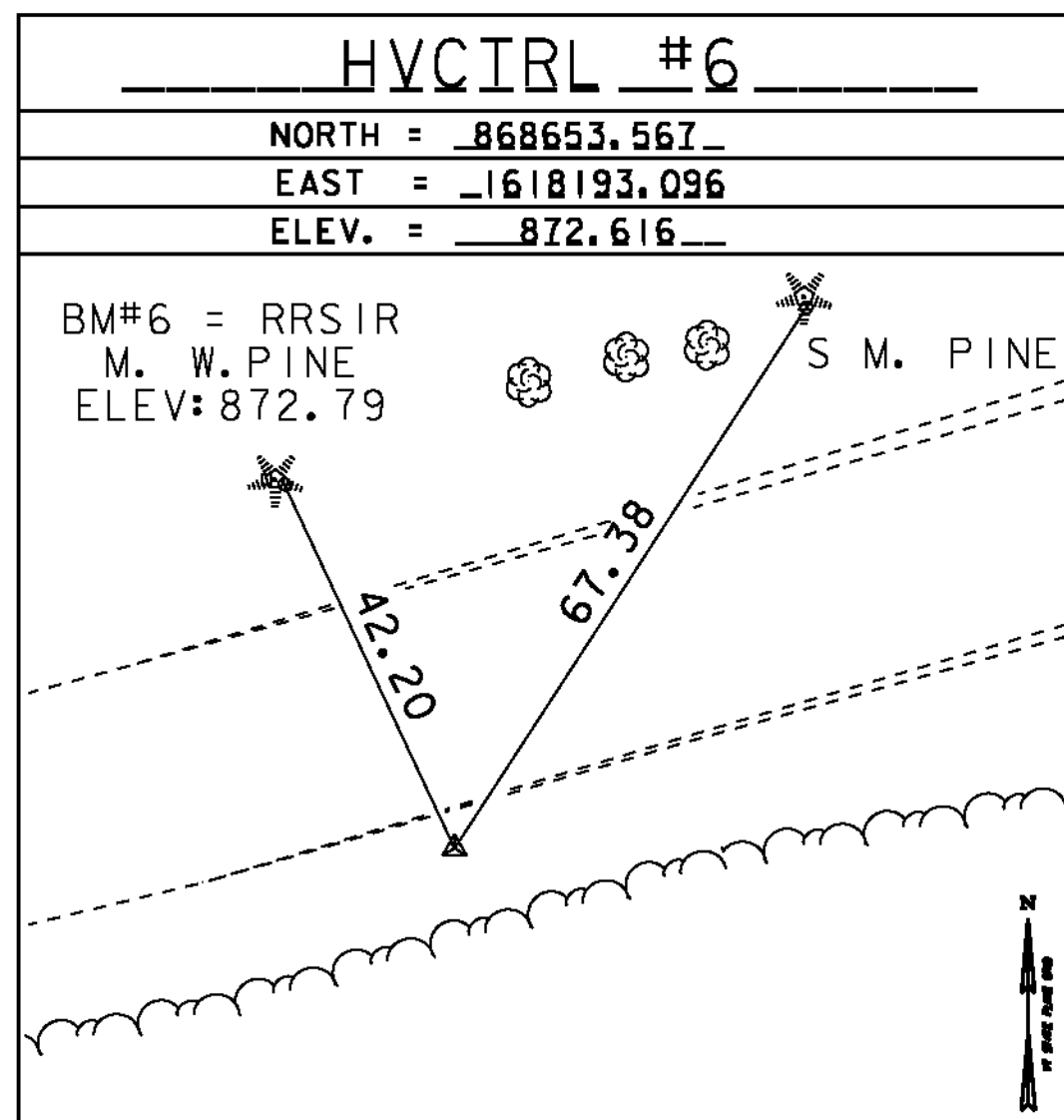
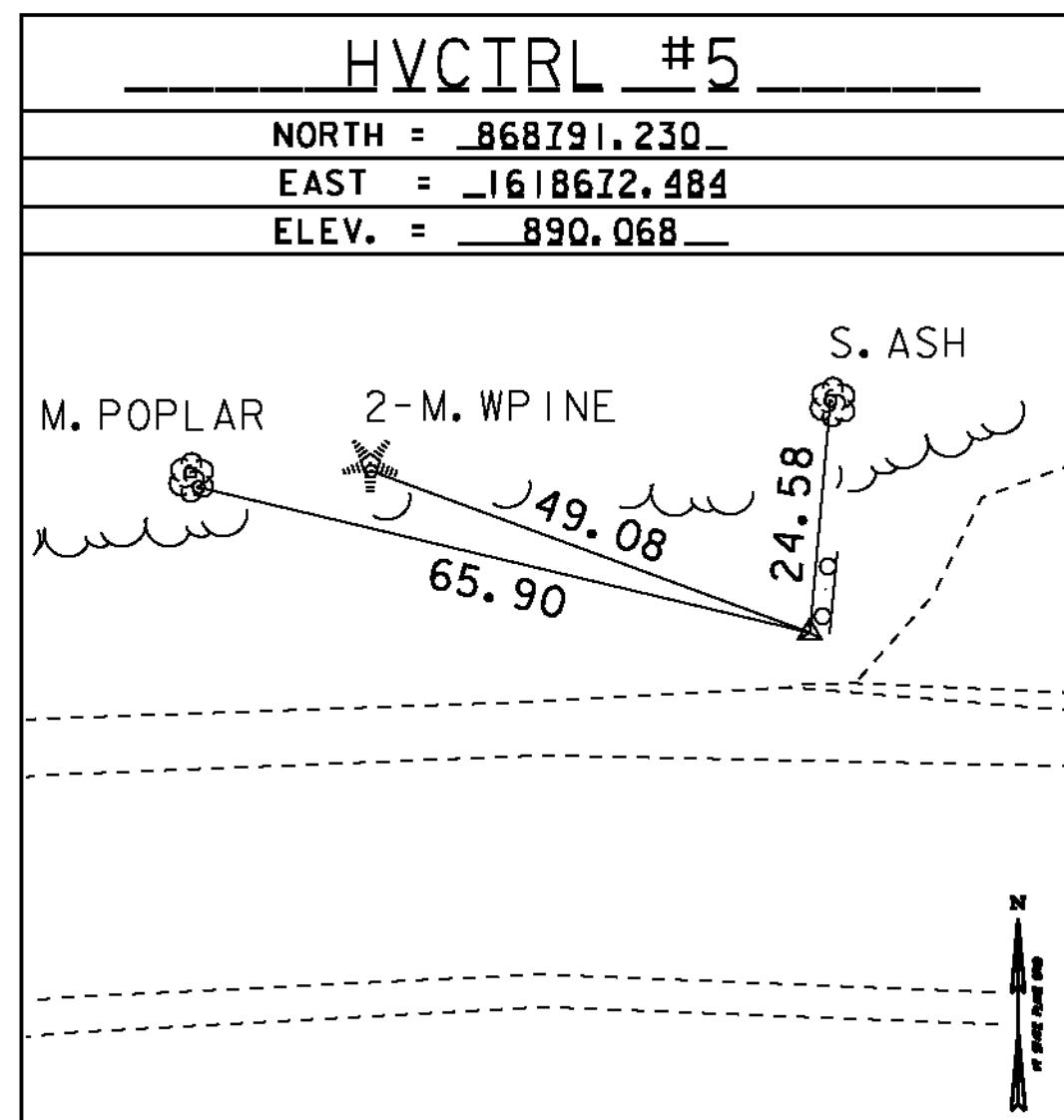
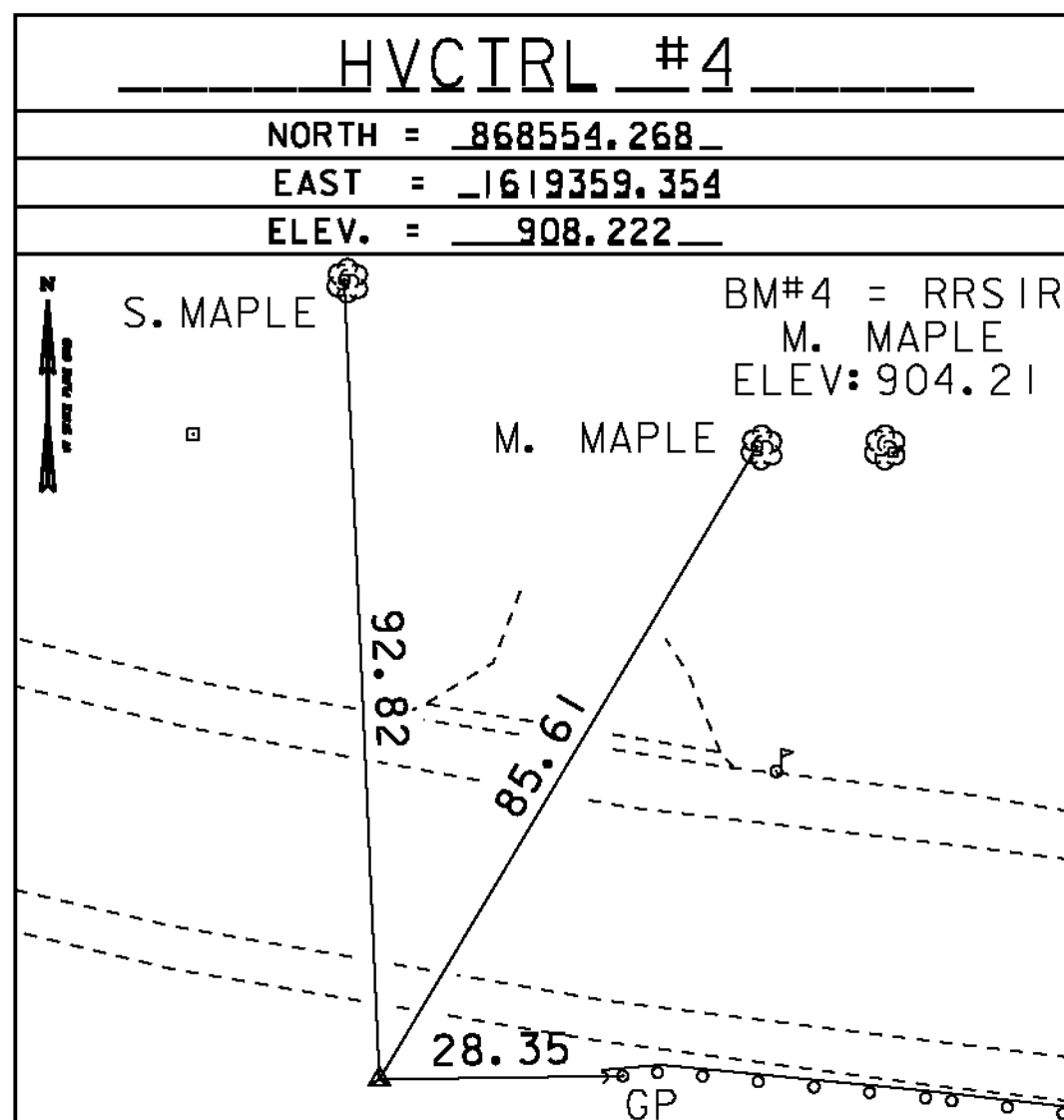
HVCIRL #2
HANNAH CLARK
NORTH = 868576.037
EAST = -1620818.998
ELEV. = 927.421

GENERAL LOCATION MONTGOMERY, VT.
THE MARK IS SET 10 CM BELOW GROUND SURFACE IN THE TOP OF A 30 CM DIAMETER CONCRETE MONUMENT. IT IS ABOUT 1.8 MI EAST OF MONTGOMERY AND JUST WEST OF HANNAH CLARK BROOK ROAD. IT IS 13.4 M NORTH OF THE CENTERLINE OF VT ROUTE 242, 6.0 M WEST OF THE CENTERLINE OF HANNAH CLARK BROOK ROAD, 6.3 M NORTH OF POLE NO 22/92A, AND 53.9 M SOUTH-SOUTHWEST OF THE SOUTHWEST (OUTLET) END OF THE LARGE DIAMETER STEEL CULVERT BRIDGE SPANNING HANNAH CLARK BROOK.

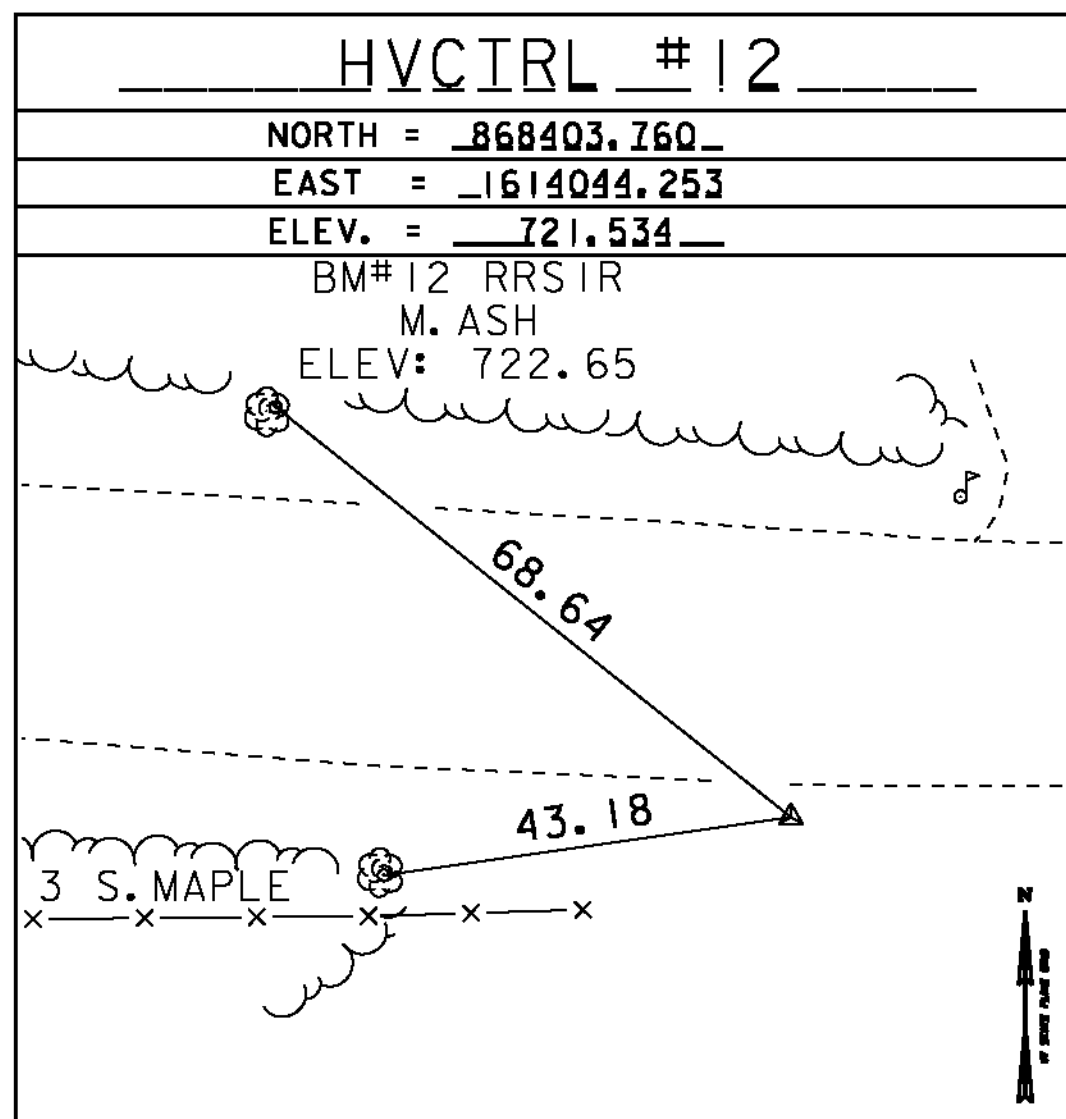
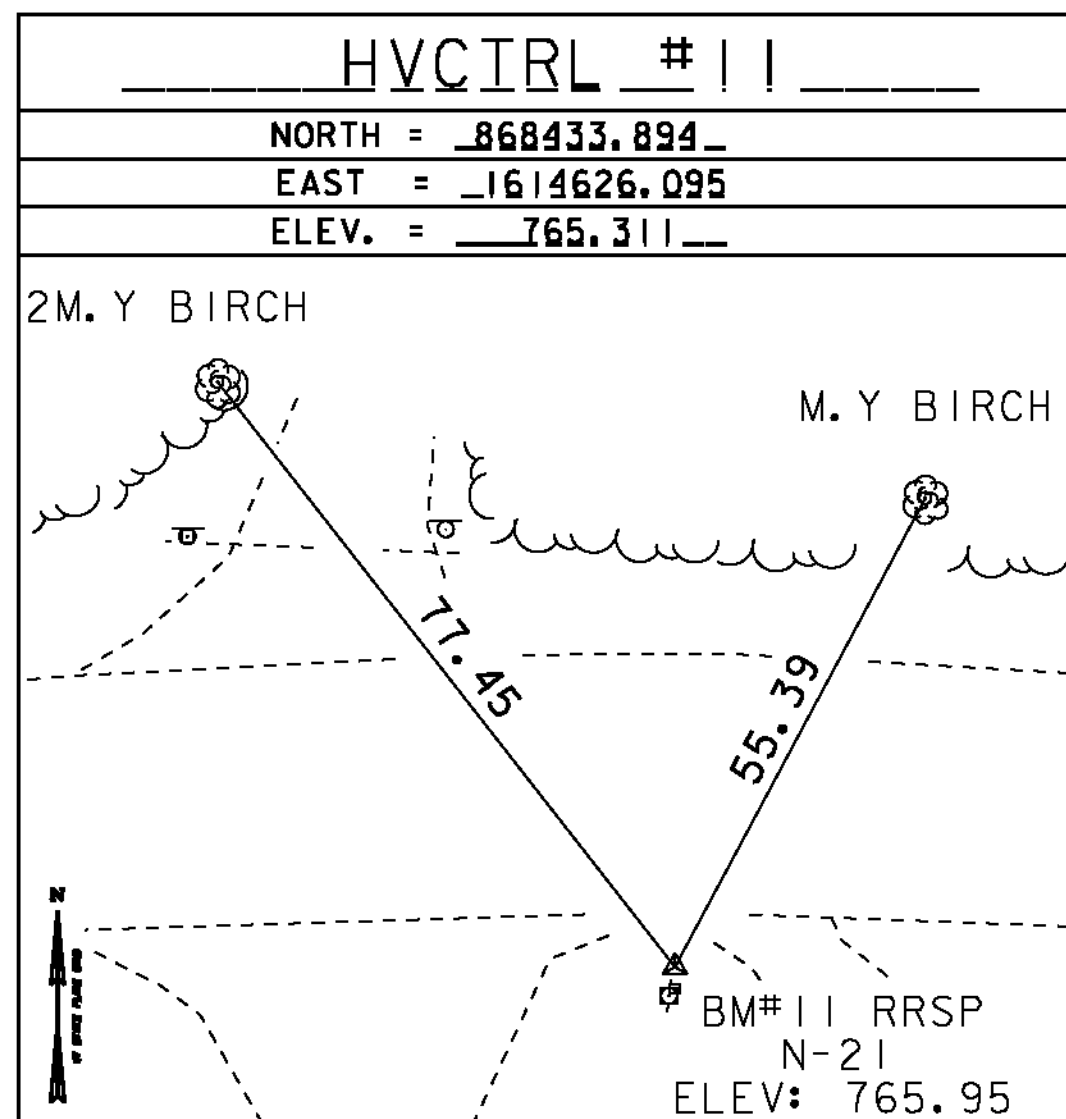
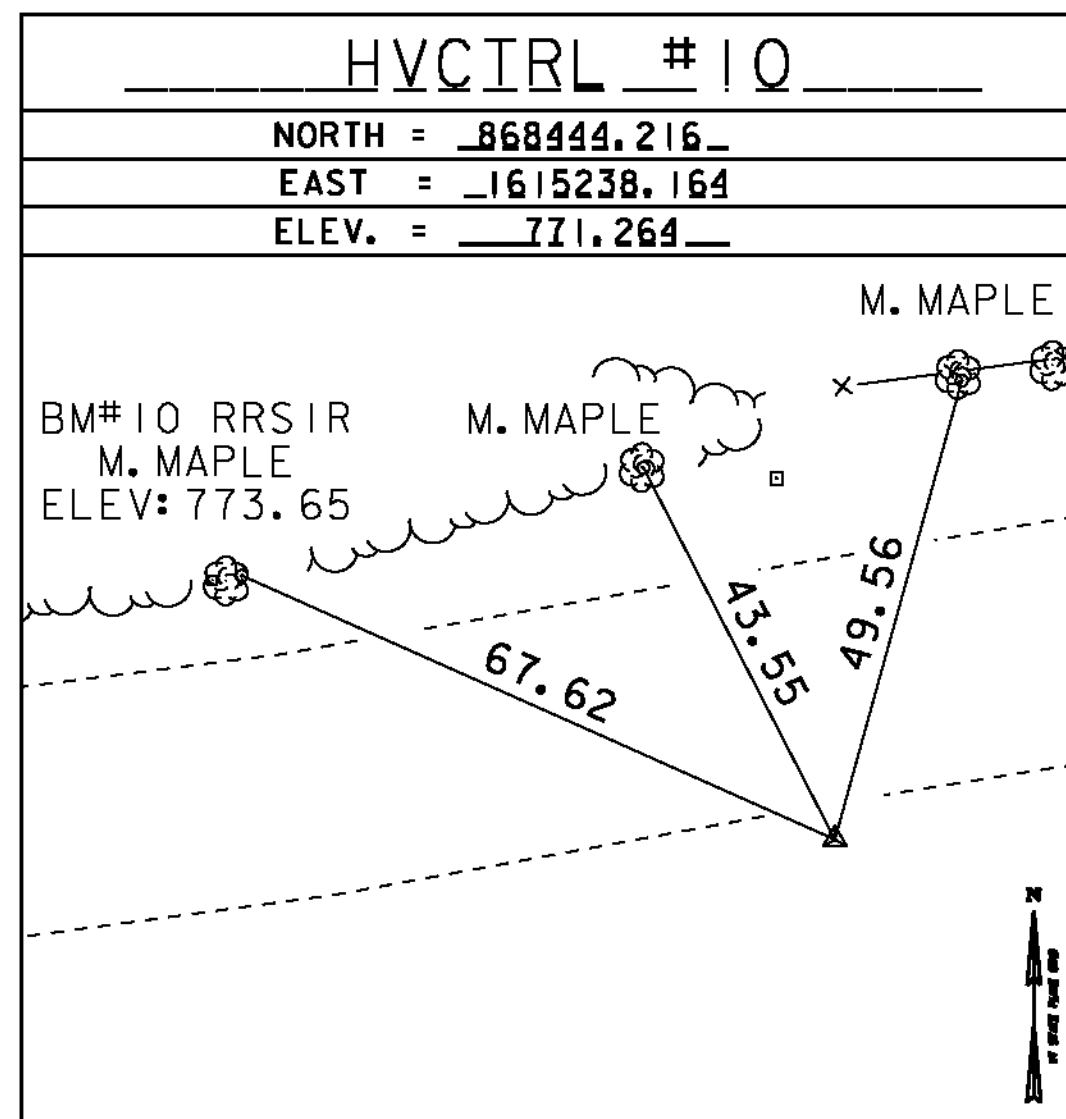
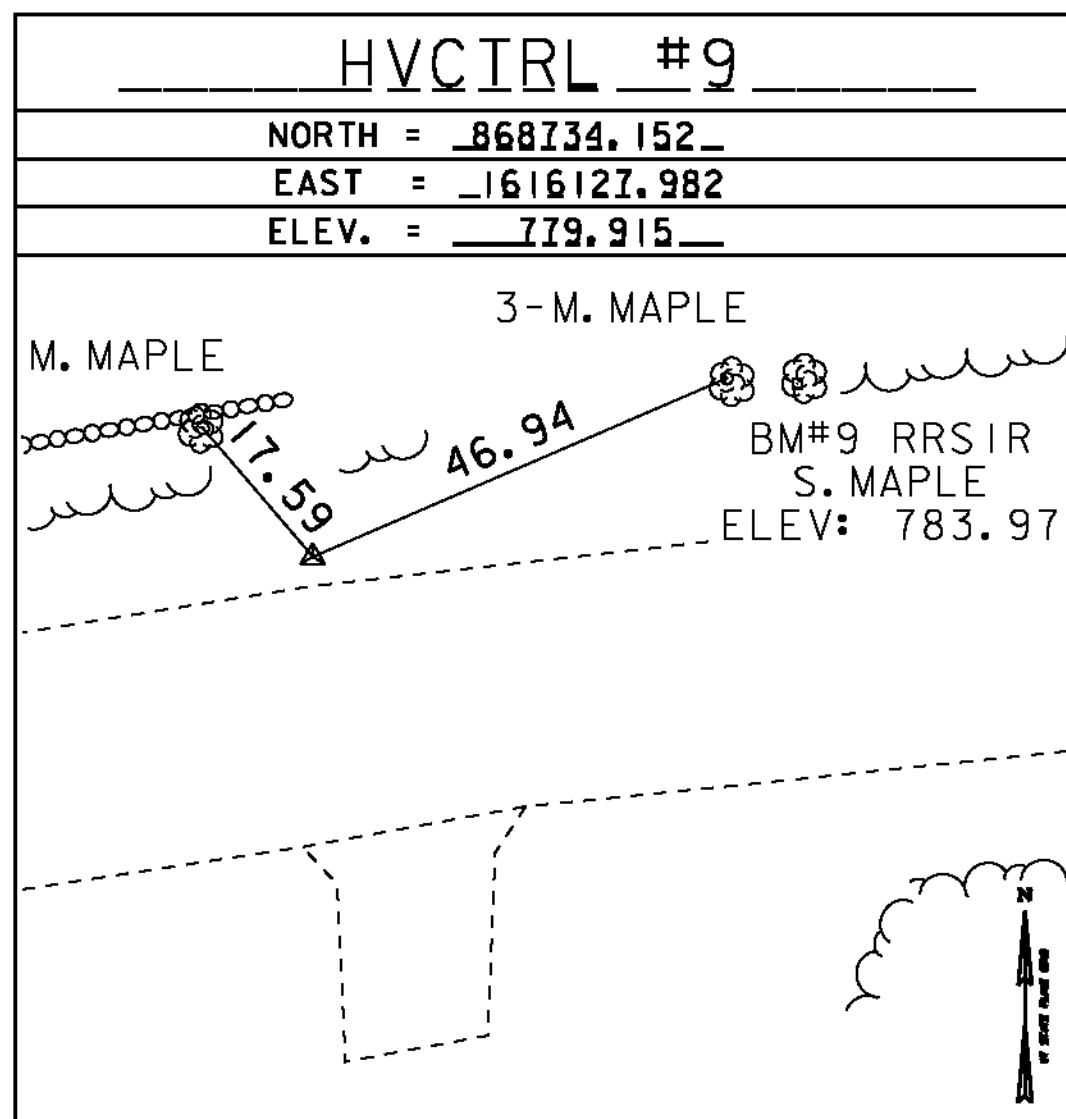
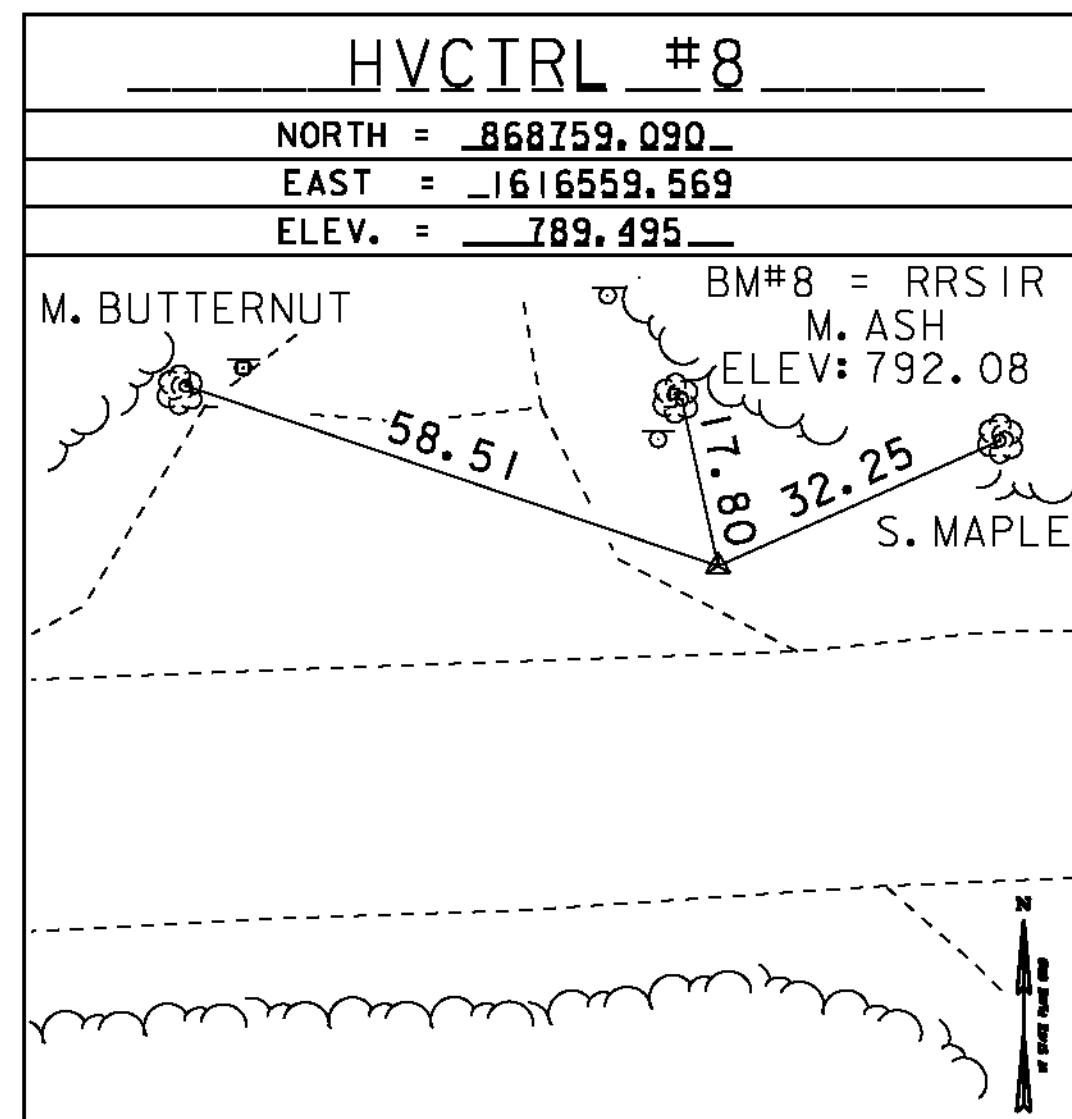
TRAVERSE TIES



*MAIN TRAVERSE COMPLETED 6/7/2011 BY L.ORVIS P.C. & G.HITCHCOCK



TRAVERSE TIES



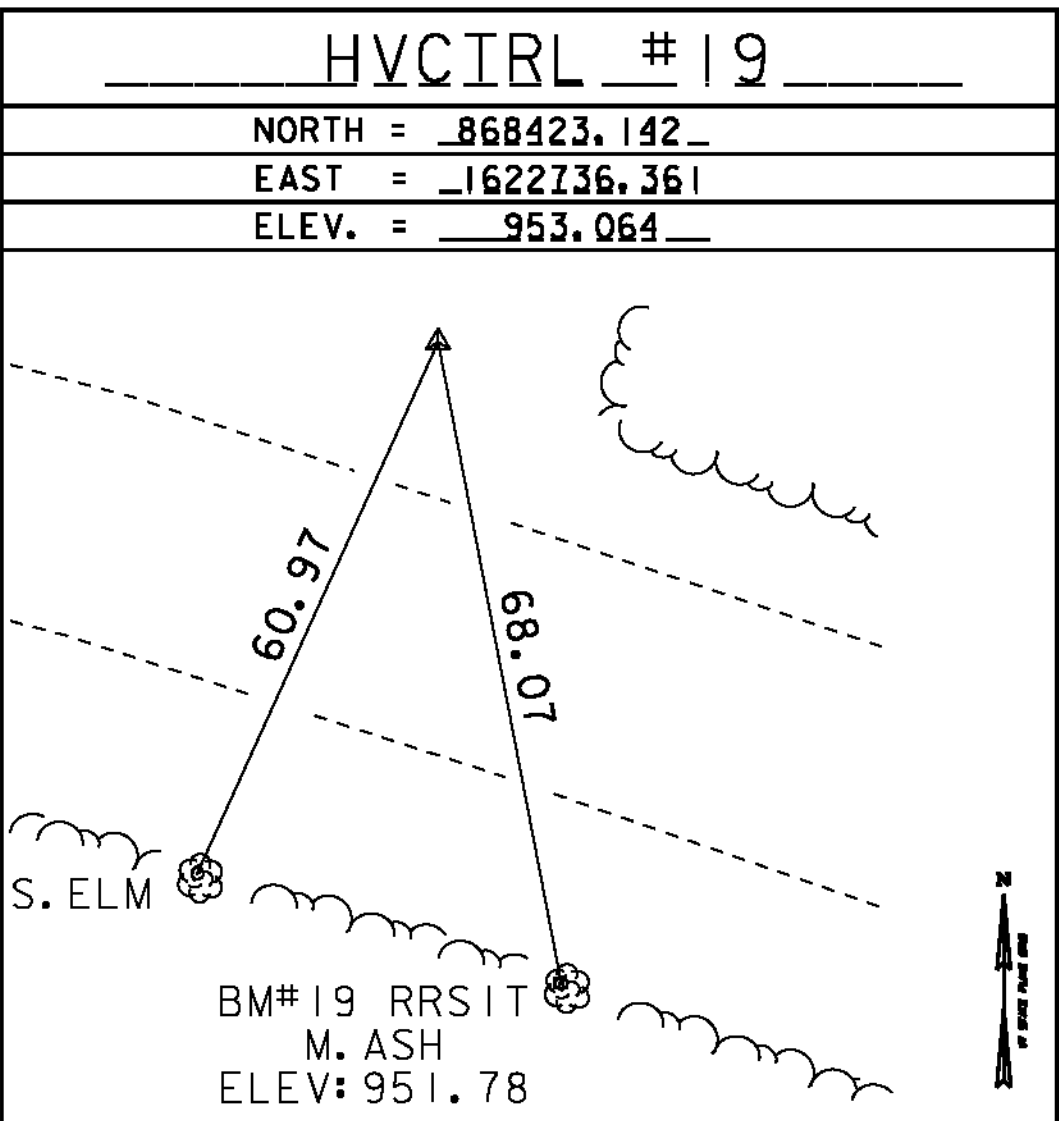
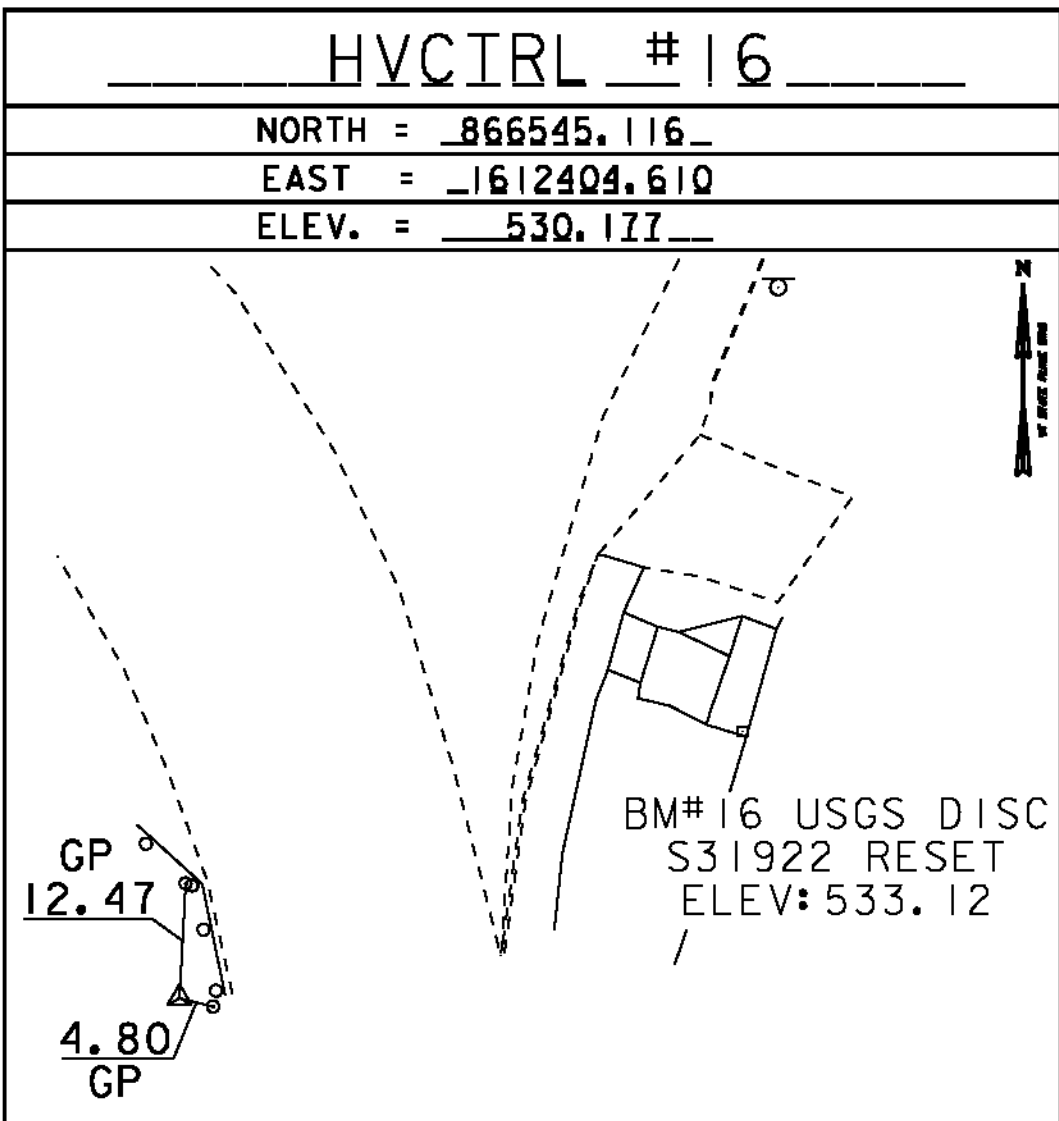
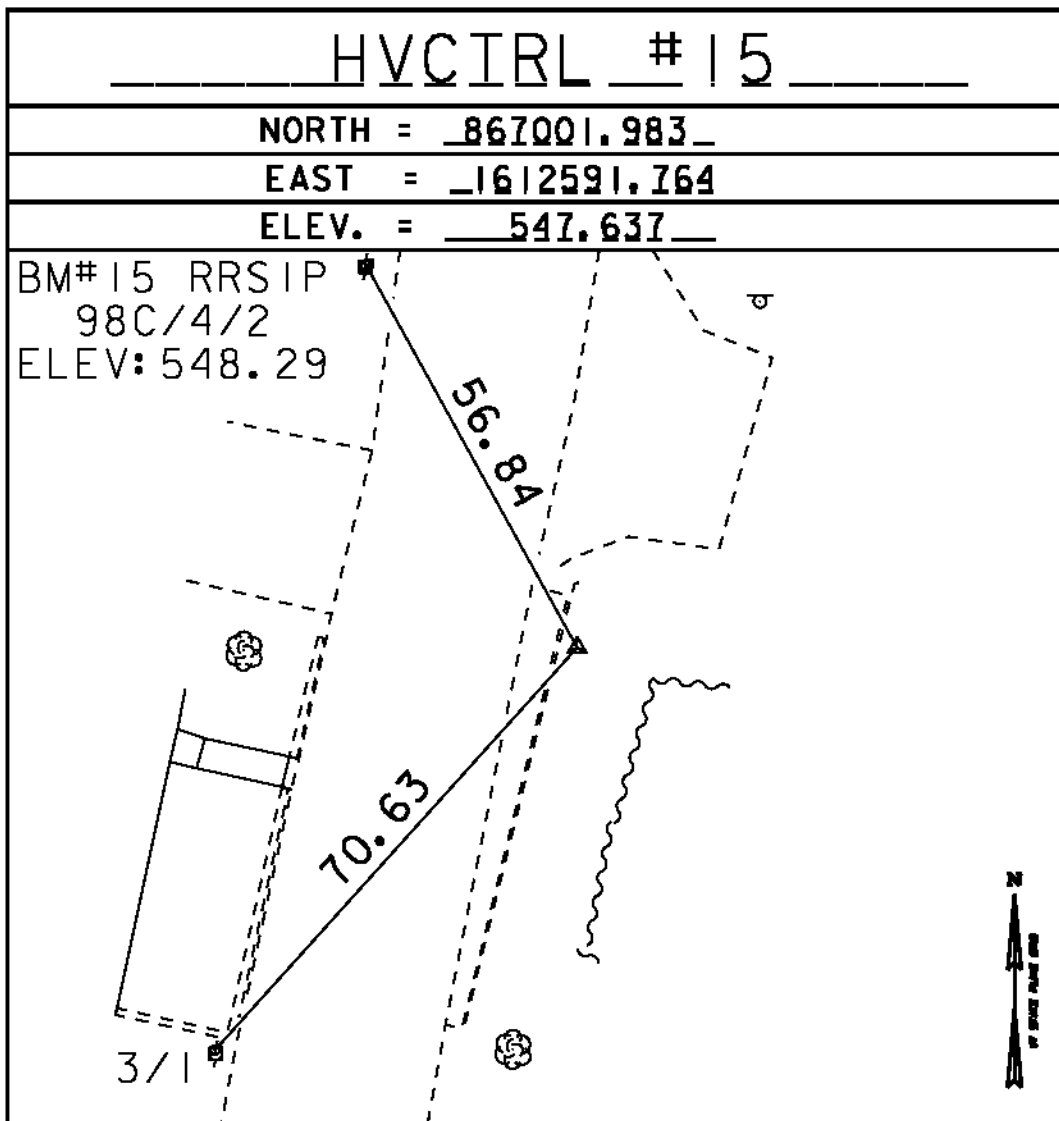
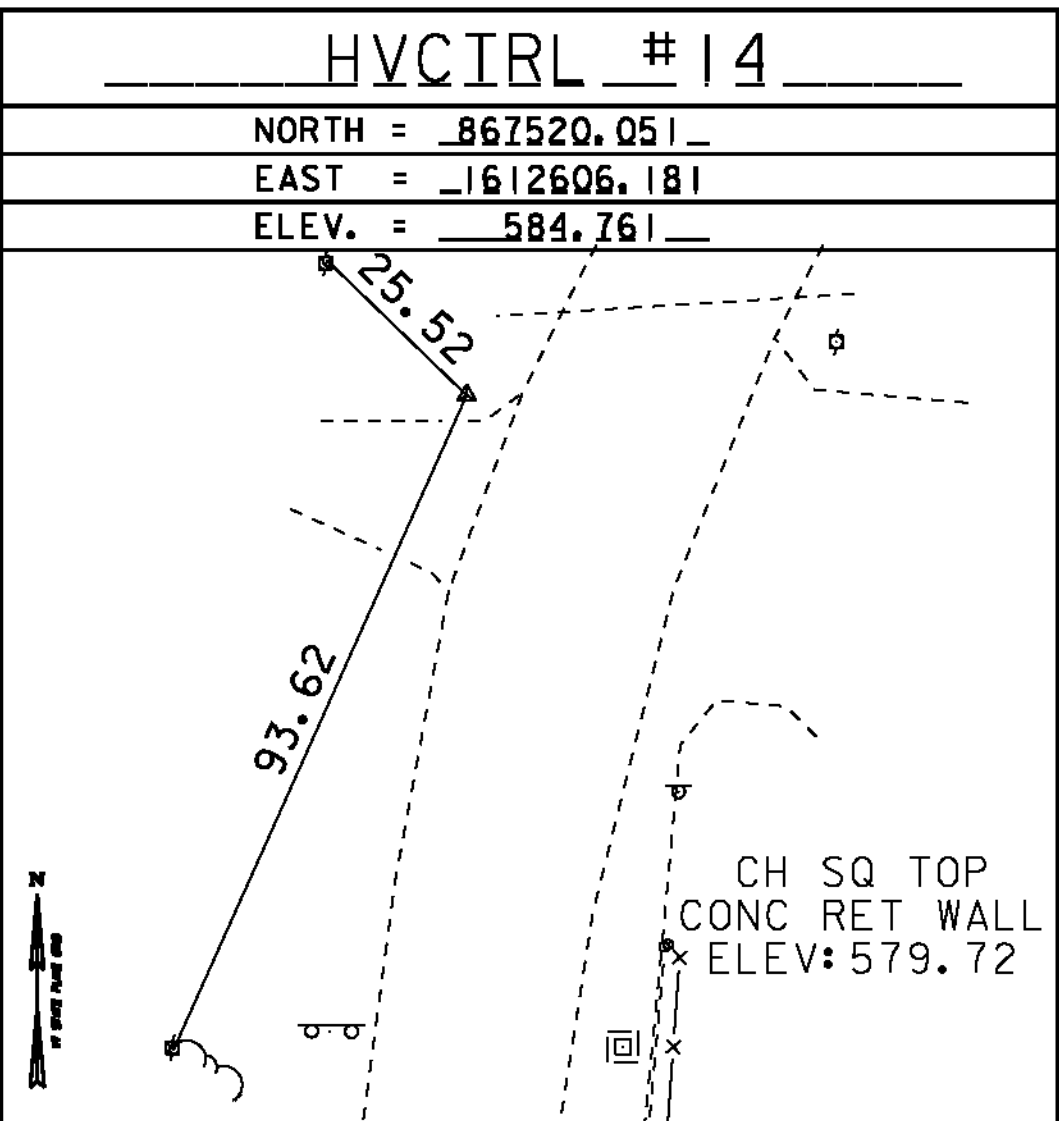
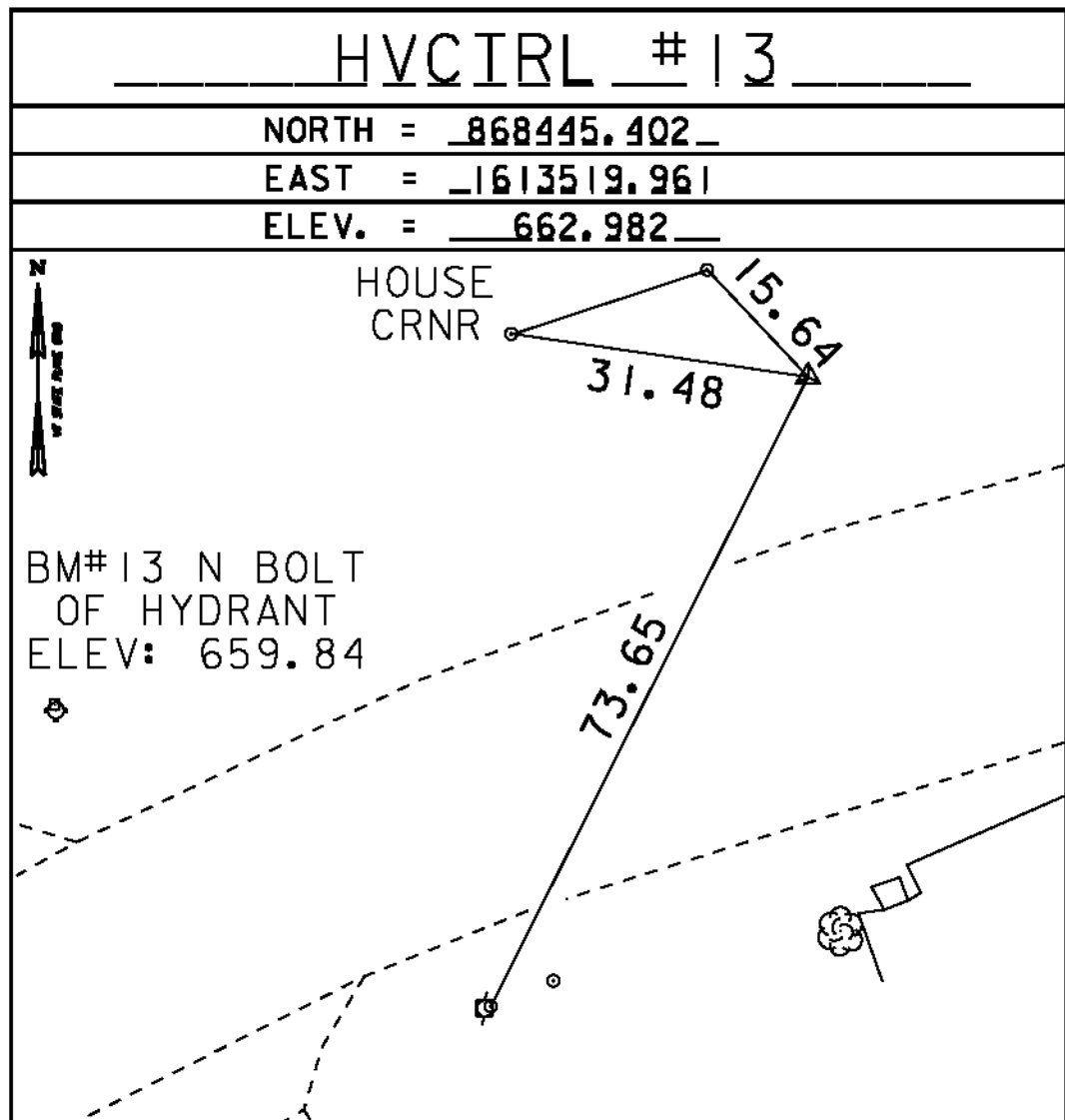
DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83 (07)
ADJUSTMENT COMPASS

SCALE IN FEET
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TIE SHEET 1

PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(1)
FILE NAME: p10C190.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C190_3.1
PLOT DATE: 9/5/12
DRAWN BY: R.BULLOCK
CHECKED BY: CDL
SHEET 3 OF 178

TRAVERSE TIES



GPS CONTROL POINTS

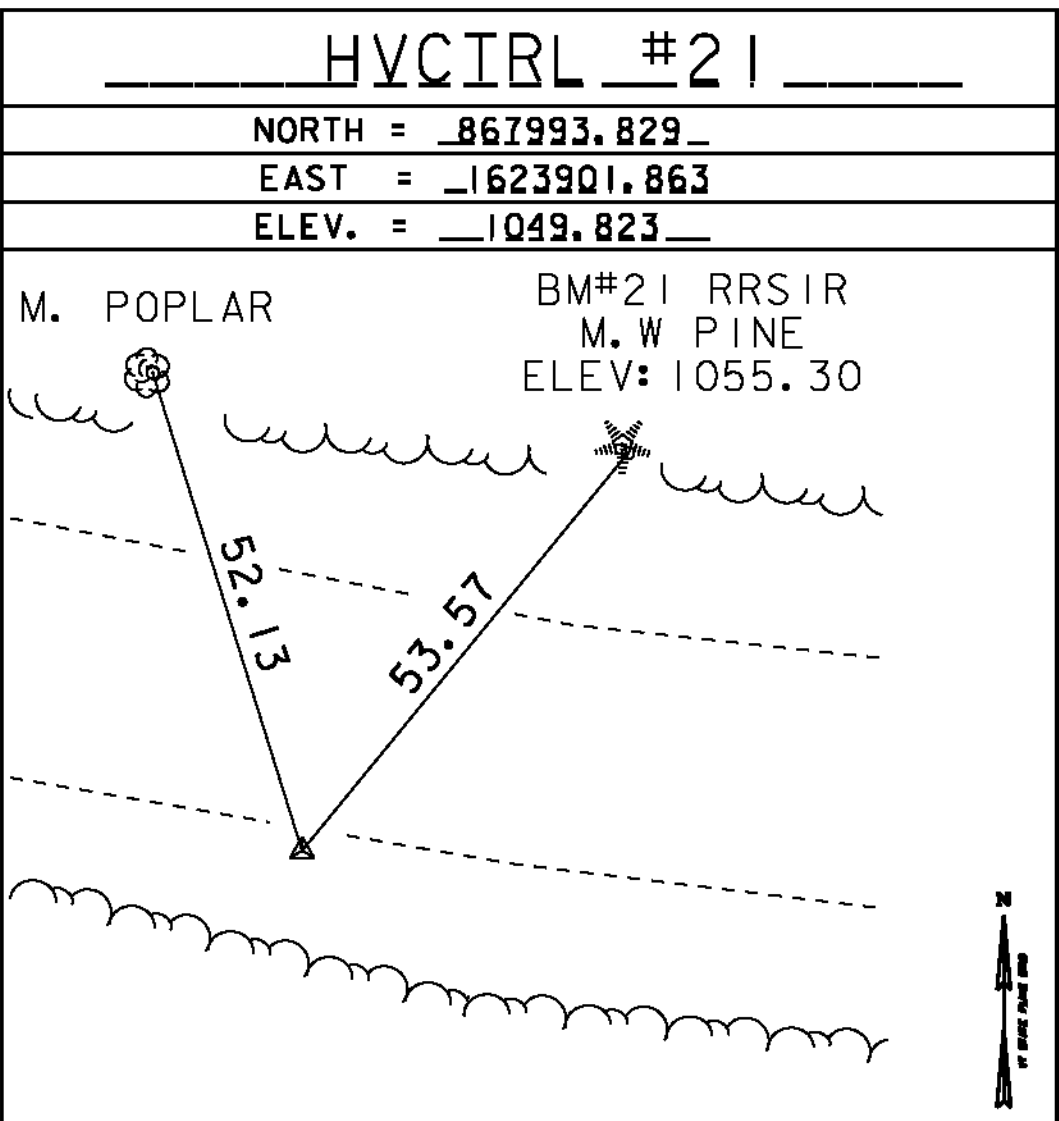
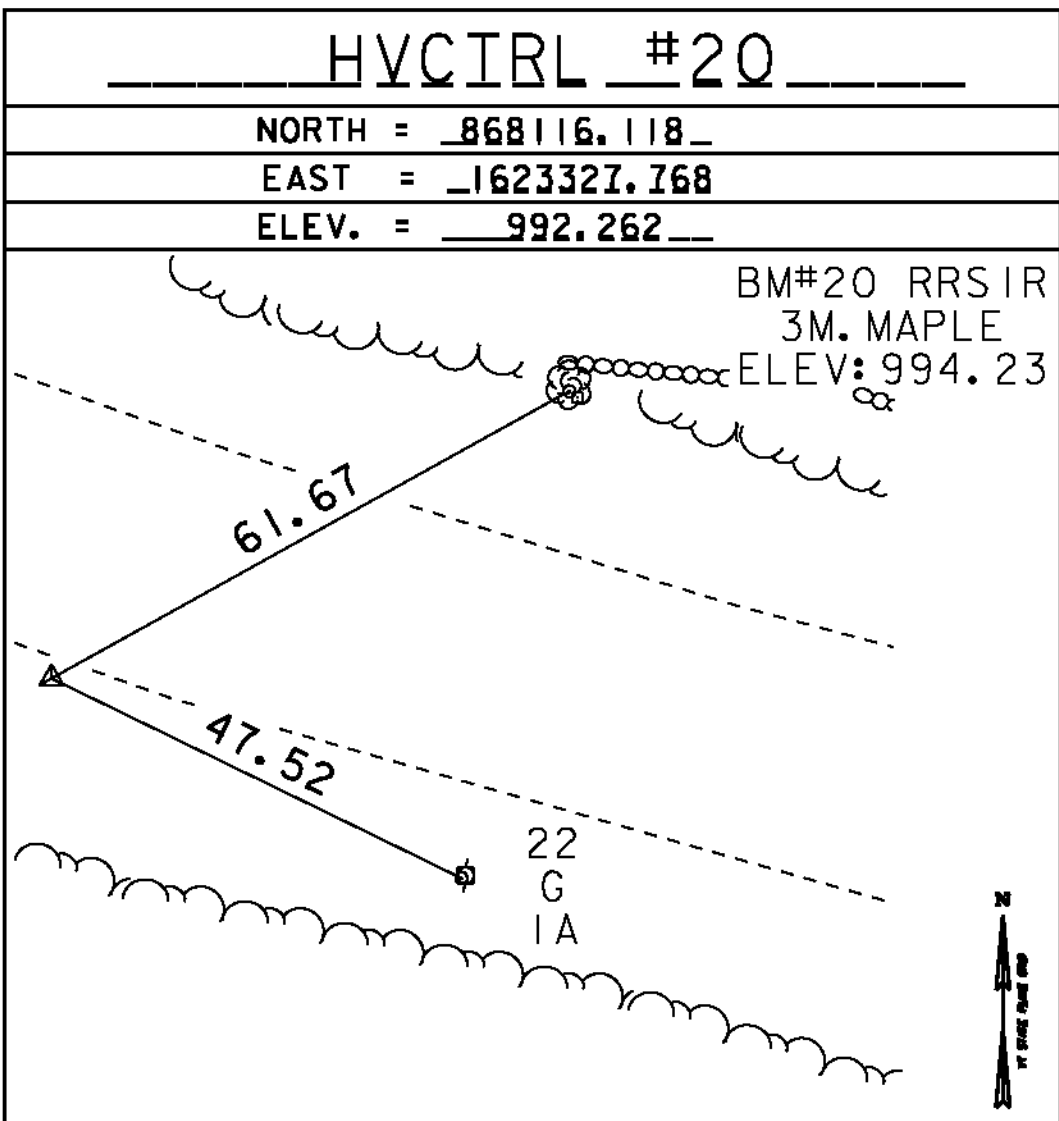
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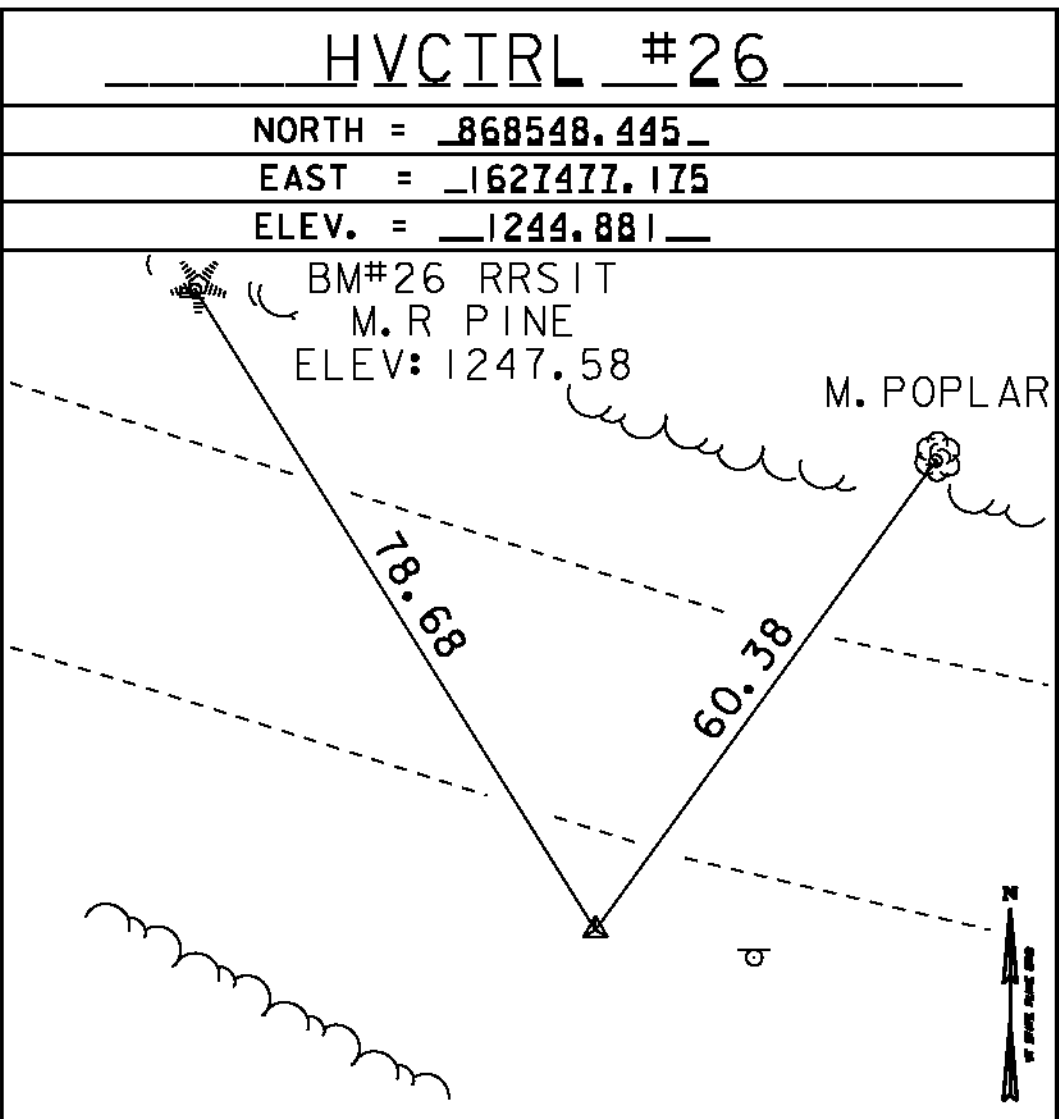
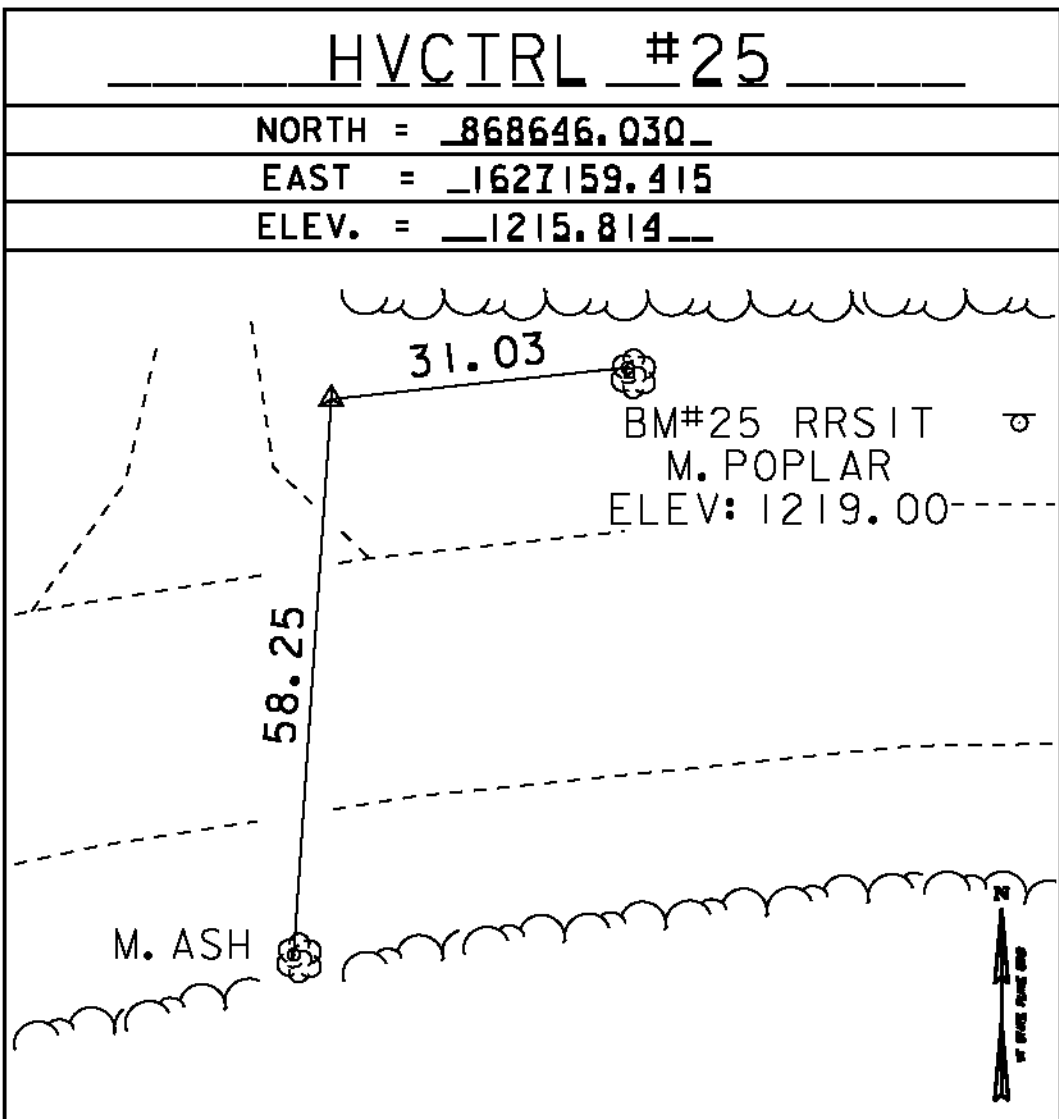
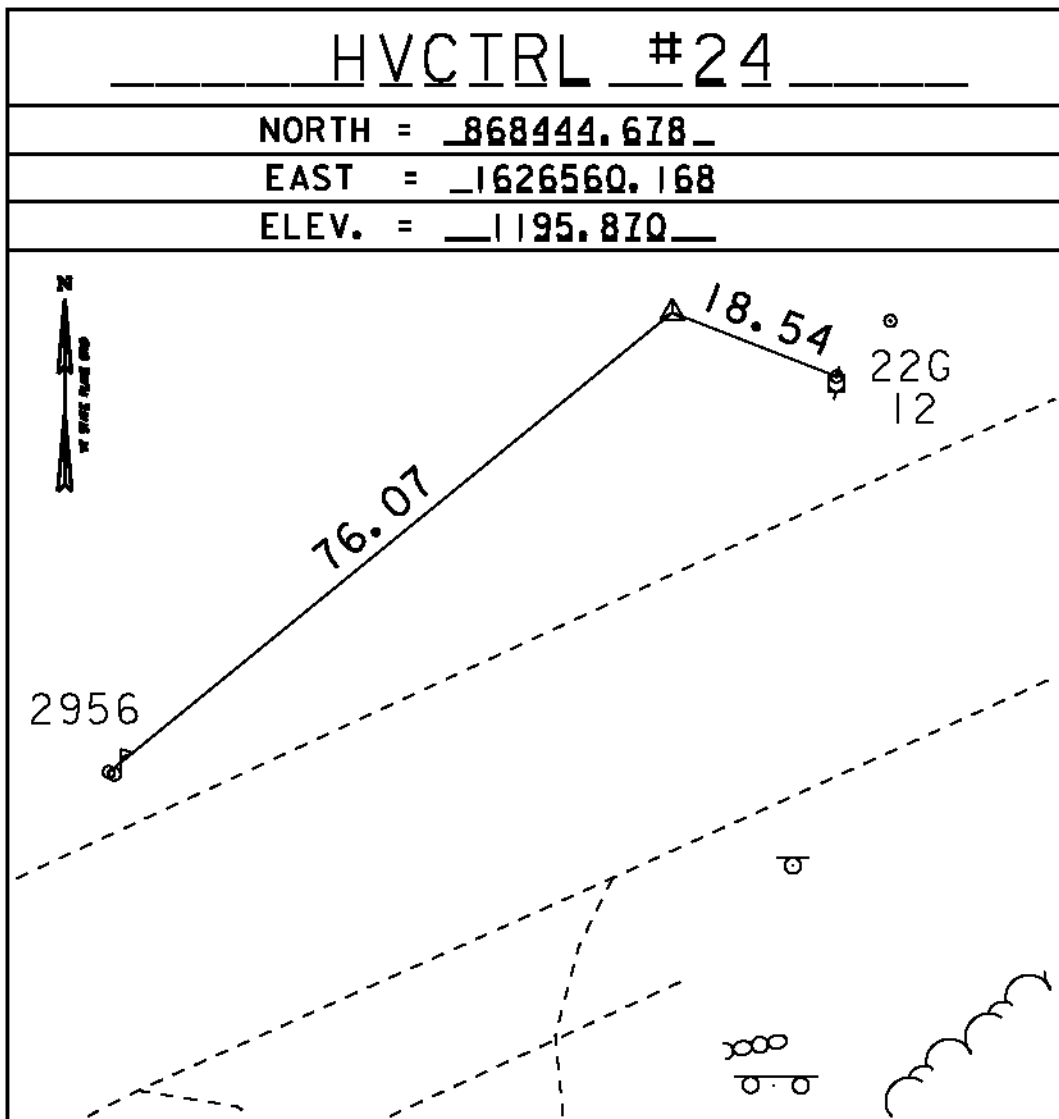
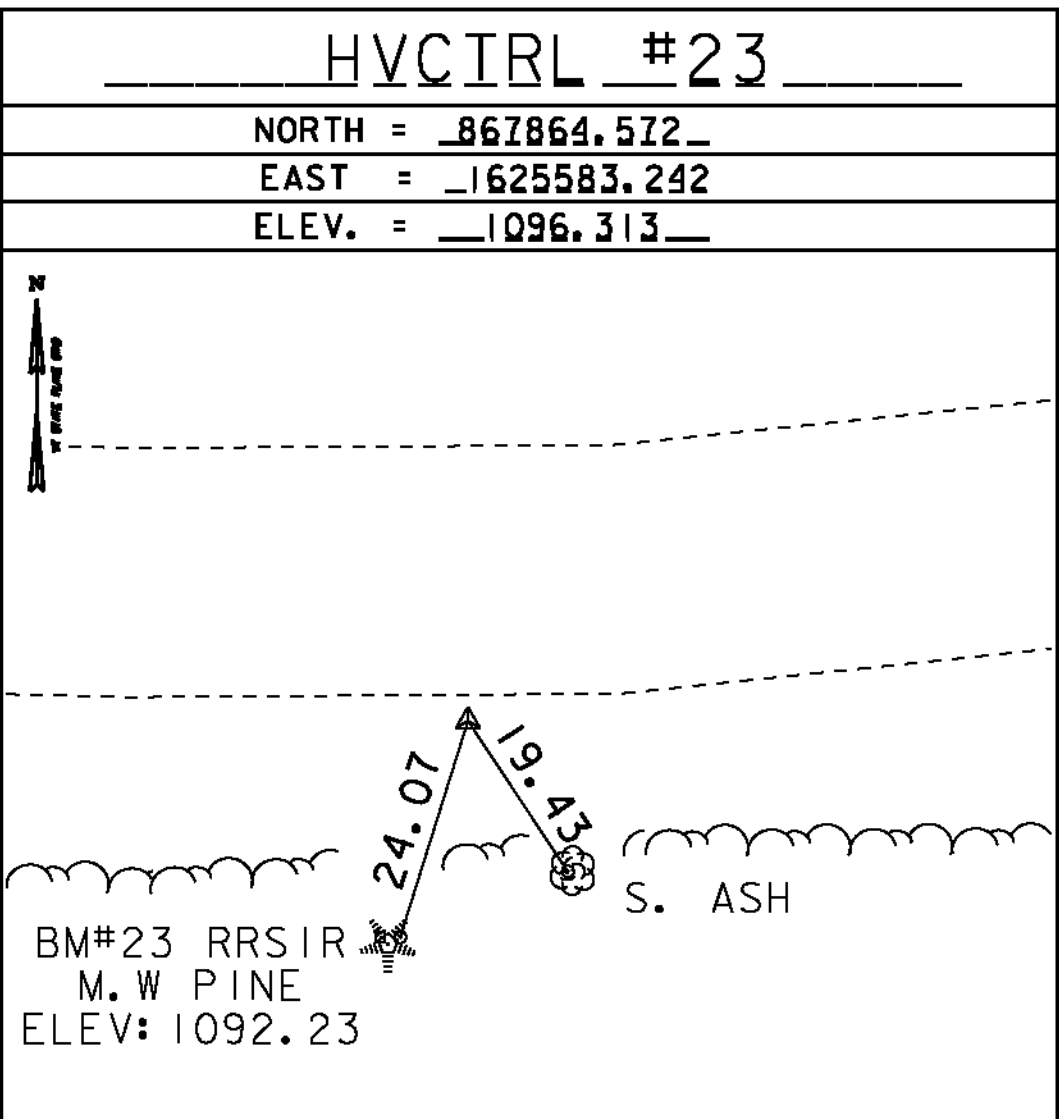
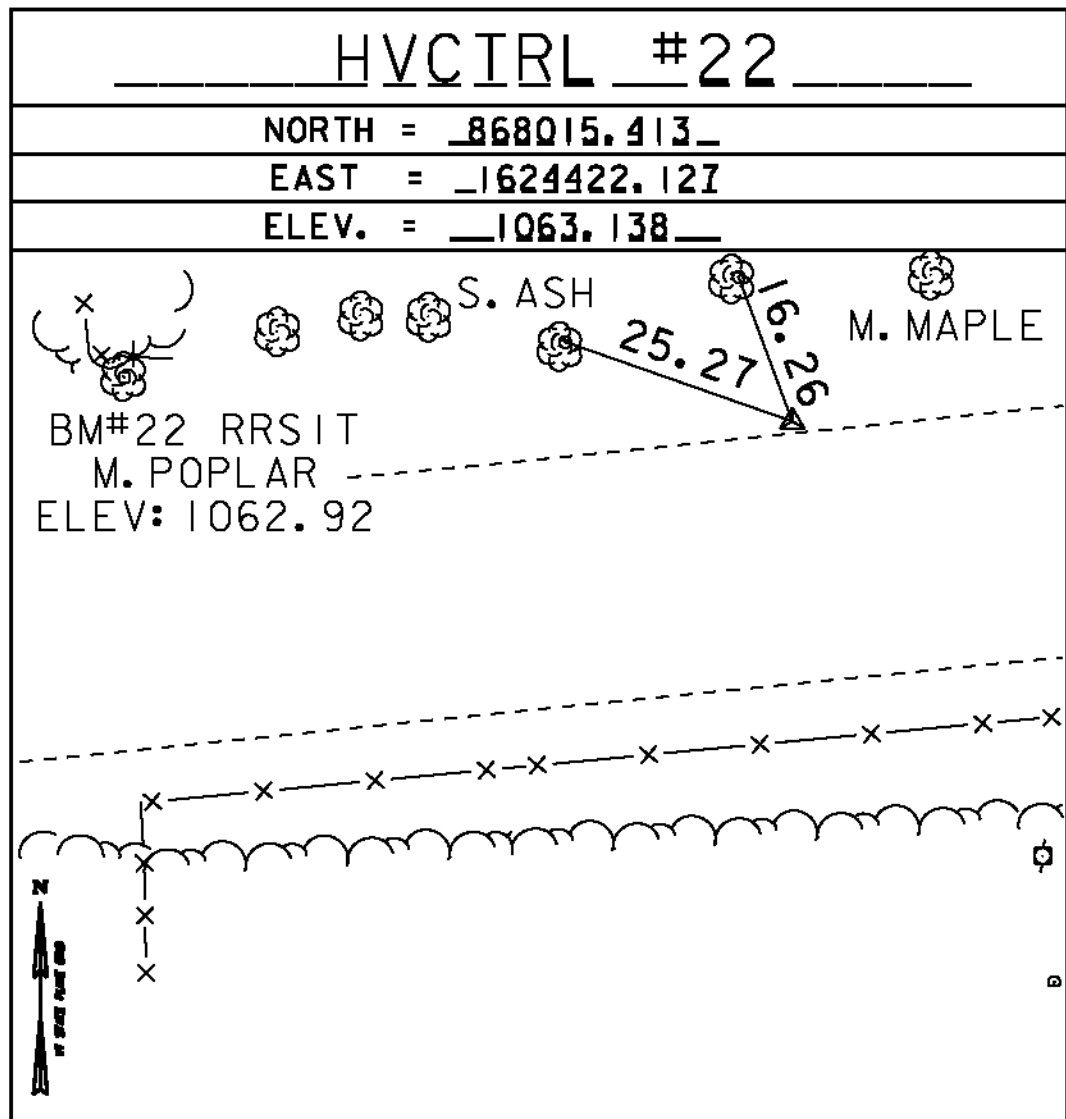
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EAST = 1612402.632
ELEV. = 571.534

GENERAL LOCATION, MONTGOMERY, VT. OWNERSHIP, GASTON BEGNOCHE, BOX 403 MONTGOMERY CENTER, VT 05471. TO REACH FROM THE INTERSECTION OF VT ROUTE 118 AND VT ROUTE 242 IN MONTGOMERY CENTER, GO SOUTH ALONG VT ROUTE 118 FOR 0.8 MI (1.3 KM) TO THE SITE OF THE MARK ON THE RIGHT, NEAR A GATE IN A BARBED WIRE FENCE. IT IS ABOUT 45 M (147.6 FT) NORTHEAST OF THE NORTHEAST END OF HOUSE NO 399. THE MARK IS SET IN THE TOP OF A 1.6 M (5.2 FT) X 1.0 M (3.3 FT) ROCK OUTCROP WHICH PROJECTS 0.7 M (2.3 FT) ABOVE GROUND SURFACE. IT IS 9.6 M (31.5 FT) SOUTHEAST OF AND ABOUT 0.4 M (1.3 FT) HIGHER THAN THE CENTERLINE OF VT ROUTE 118, 21.7 M (71.2 FT) SOUTHWEST OF THE MOST NORTHERLY OF TWO WOODEN POSTS FOR A WELCOME TO MONTGOMERY SIGN, 19.9 M (65.3 FT) NORTH OF A CLUMP OF BIRCH GROWING IN A ROCK PILE, 21.1 M (69.2 FT) NORTHEAST OF THE CORNER POST AT THE WEST CORNER OF THE FIELD AND 1.9 M (6.2 FT) EAST-SOUTHEAST OF THE NORTHEAST GATE POST AND A FIBERGLASS WITNESS POST.

TRAVERSE TIES



TRAVERSE TIES



DATUM
VERTICAL NAD 88
HORIZONTAL NAD 83 (07)
ADJUSTMENT COMPASS

SCALE IN FEET
20 0 20

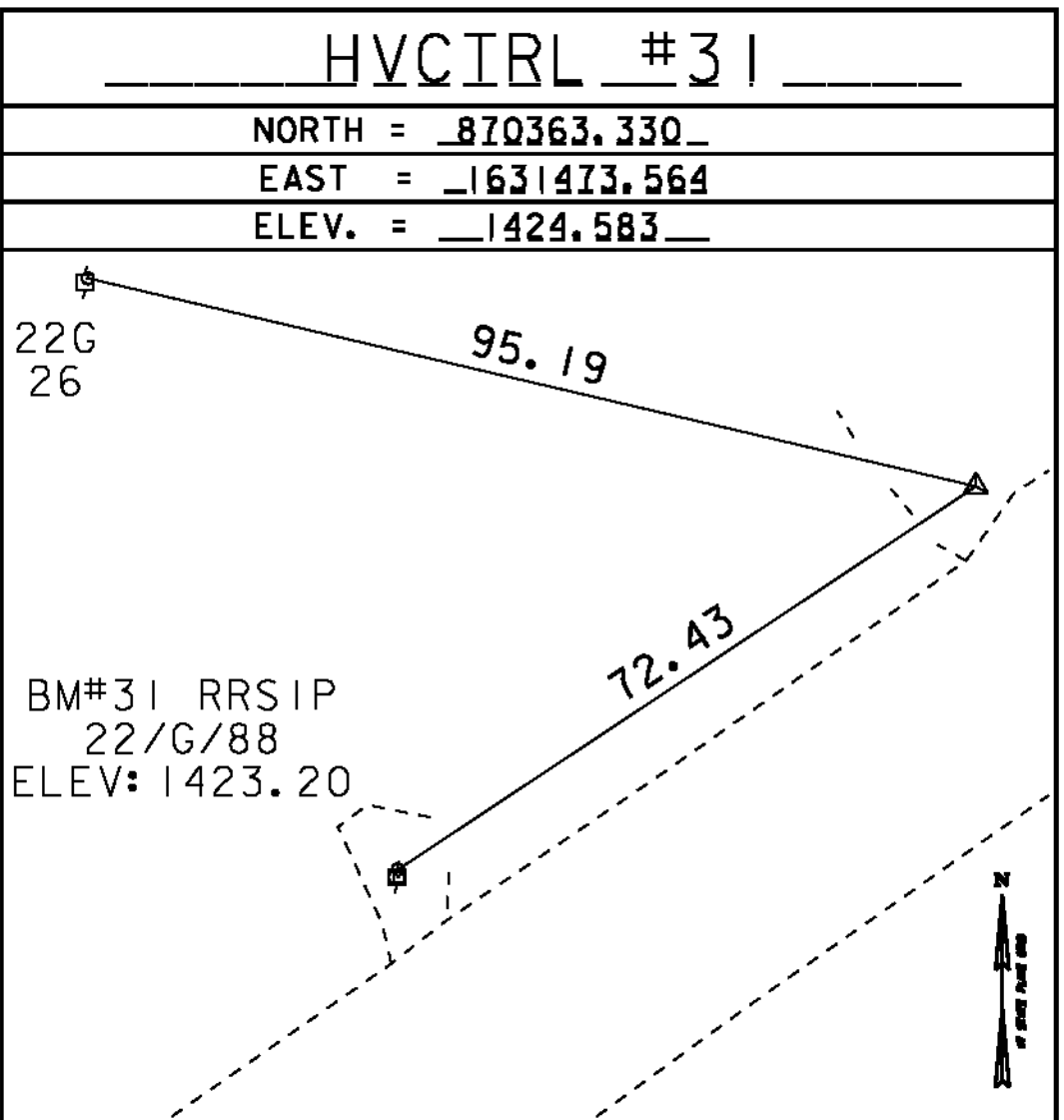
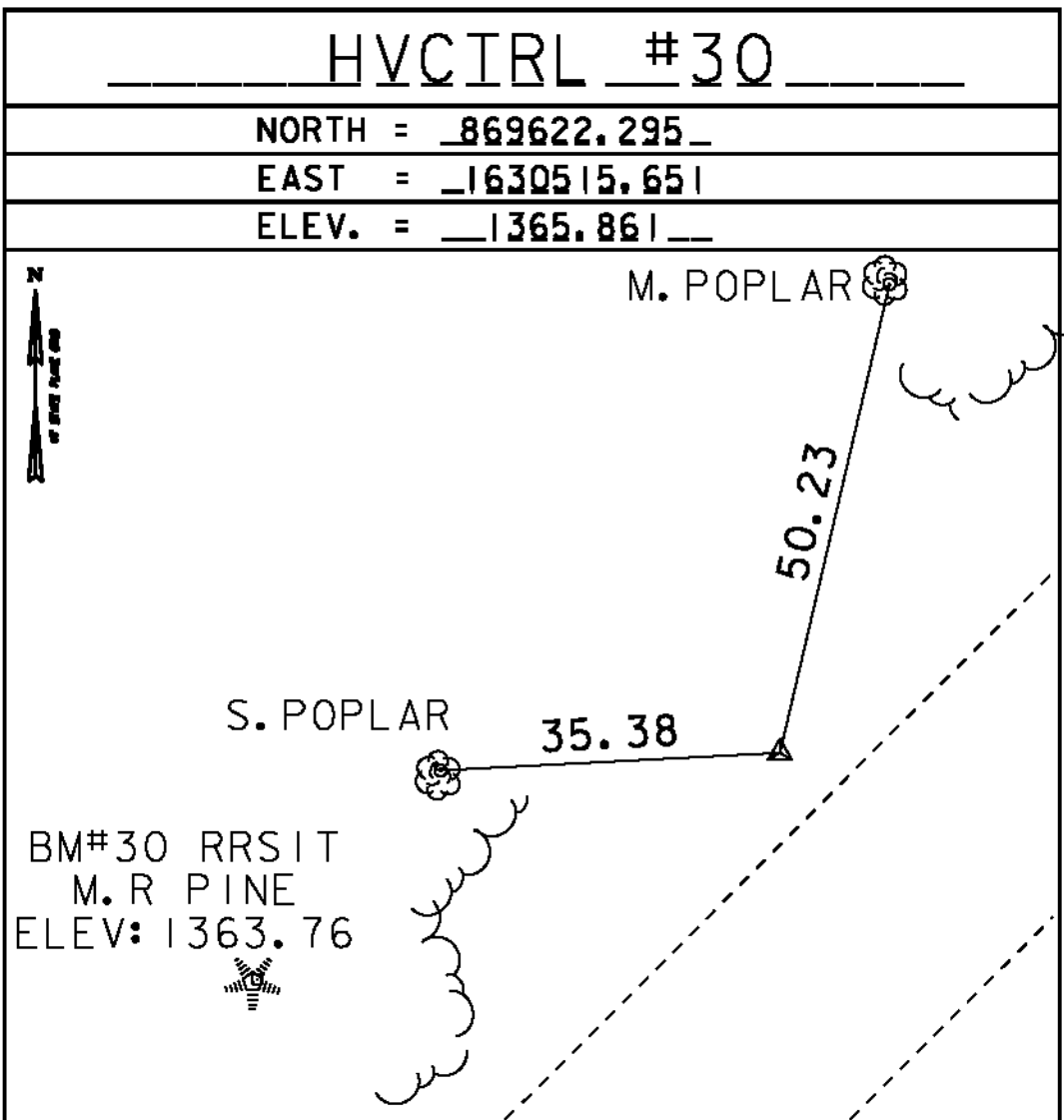
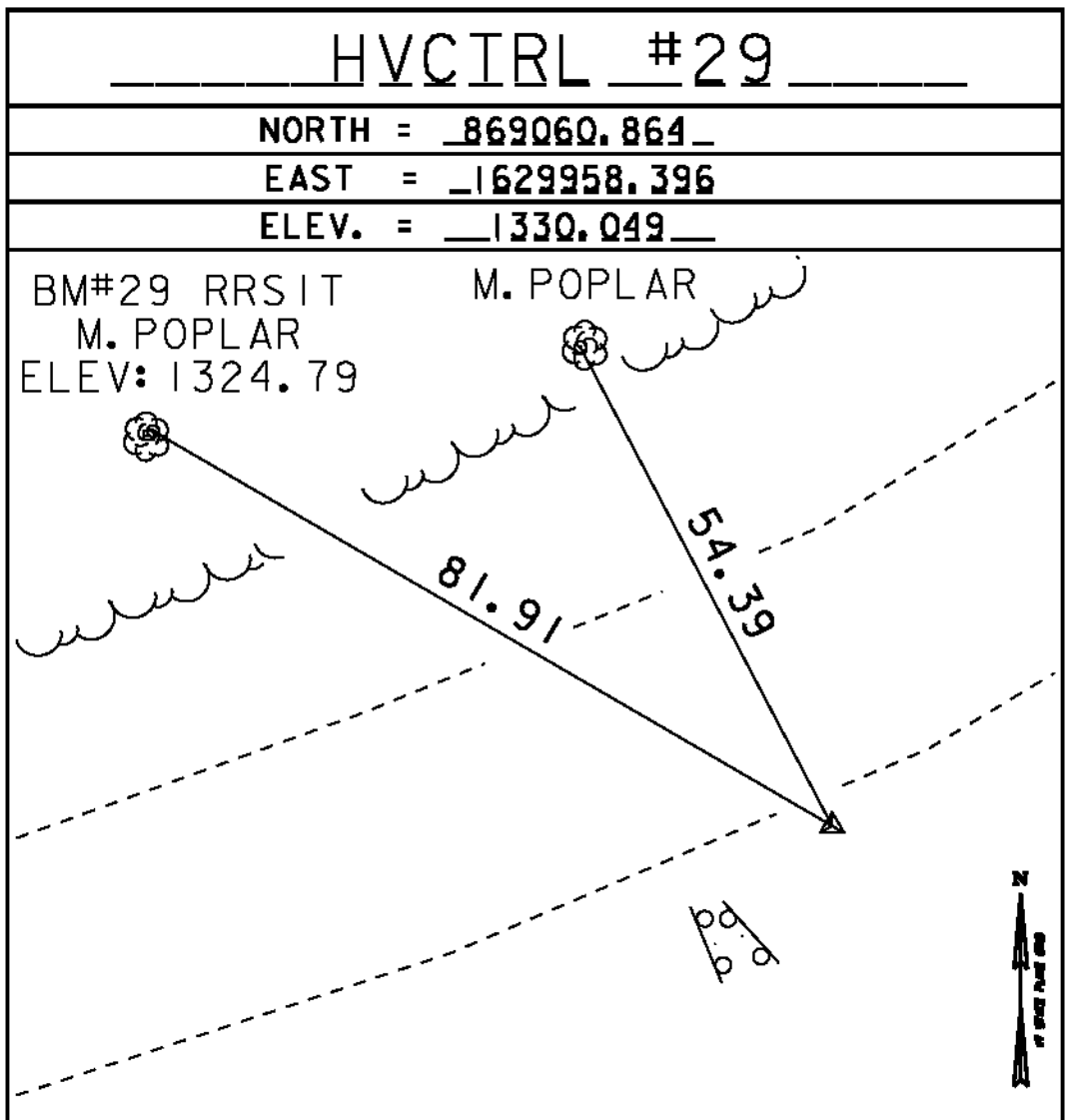
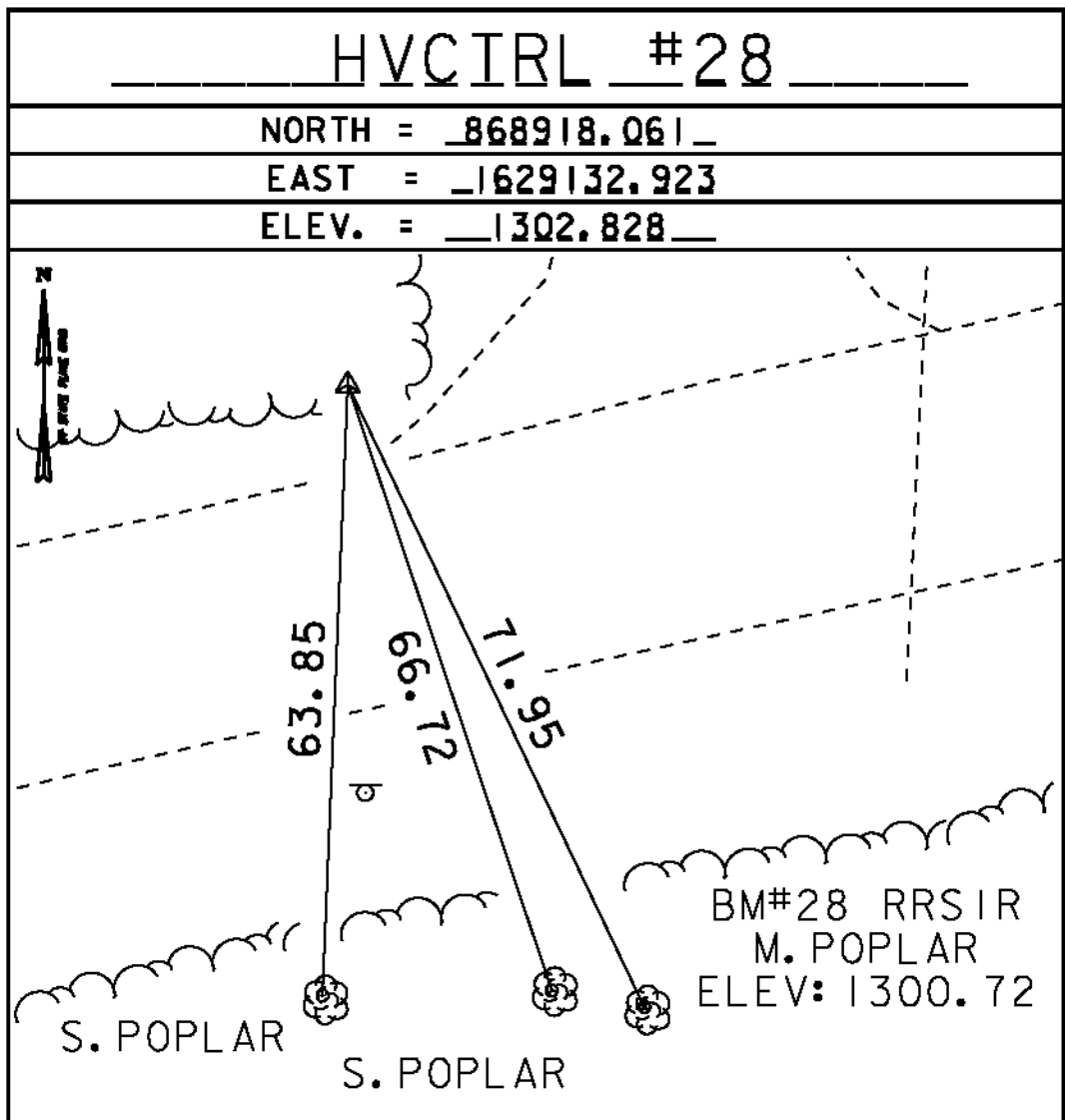
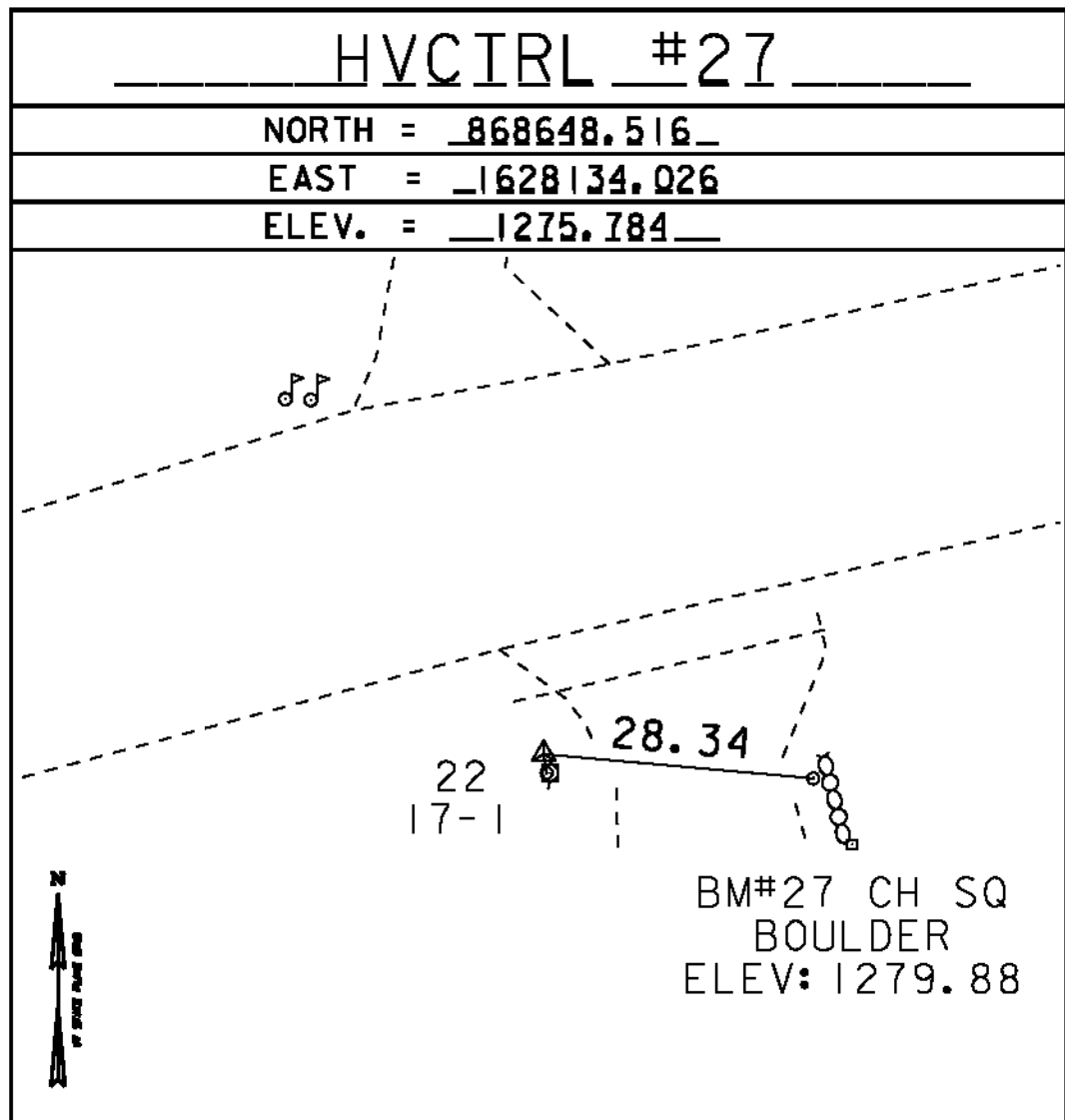
TIE SHEET 2

PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(1)

FILE NAME: p10C190.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C190_4.1

PLOT DATE: 9/5/12
DRAWN BY: R. BULLOCK
CHECKED BY: CDL
SHEET 4 OF 178

TRAVERSE TIES



GPS CONTROL POINTS

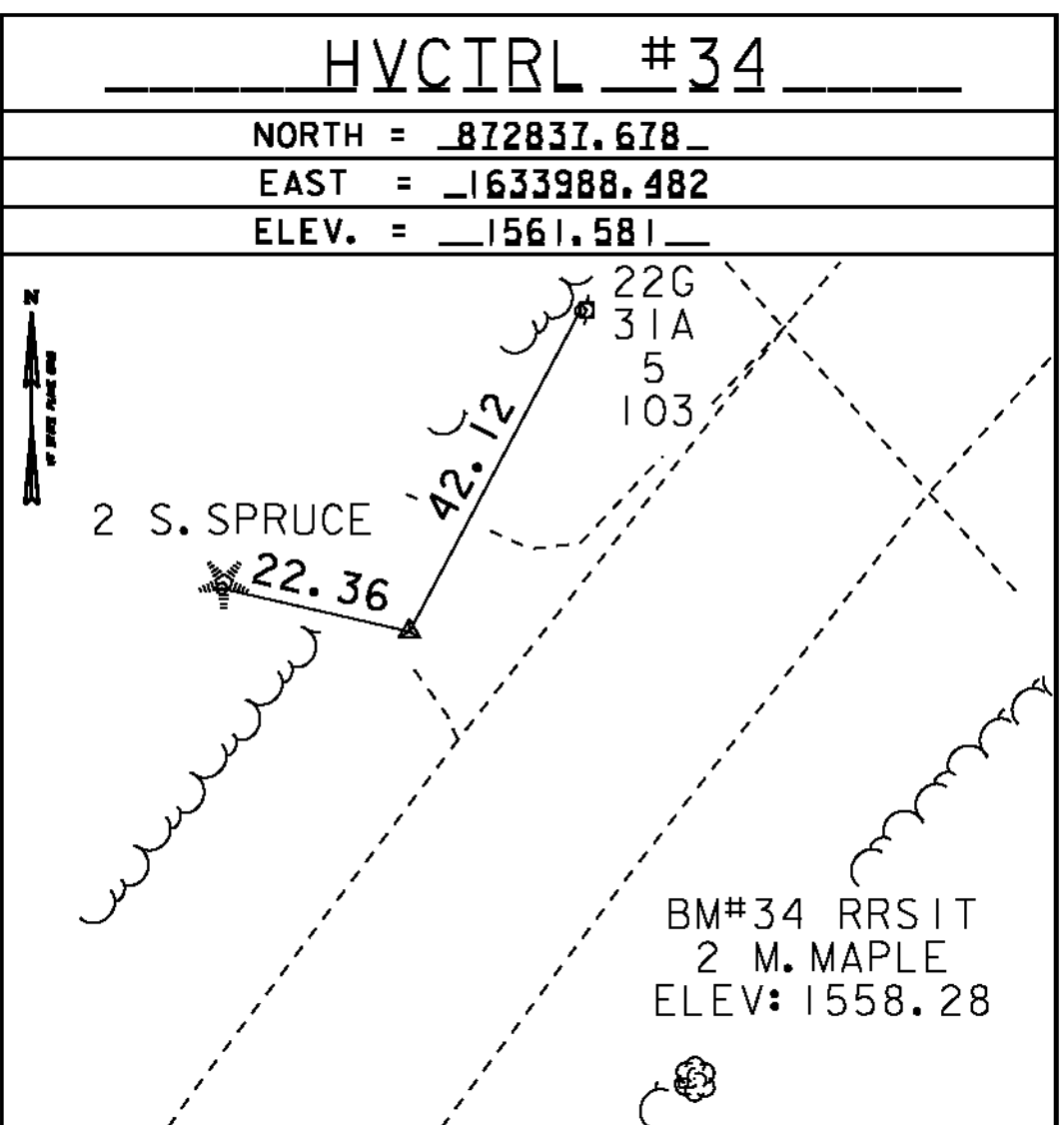
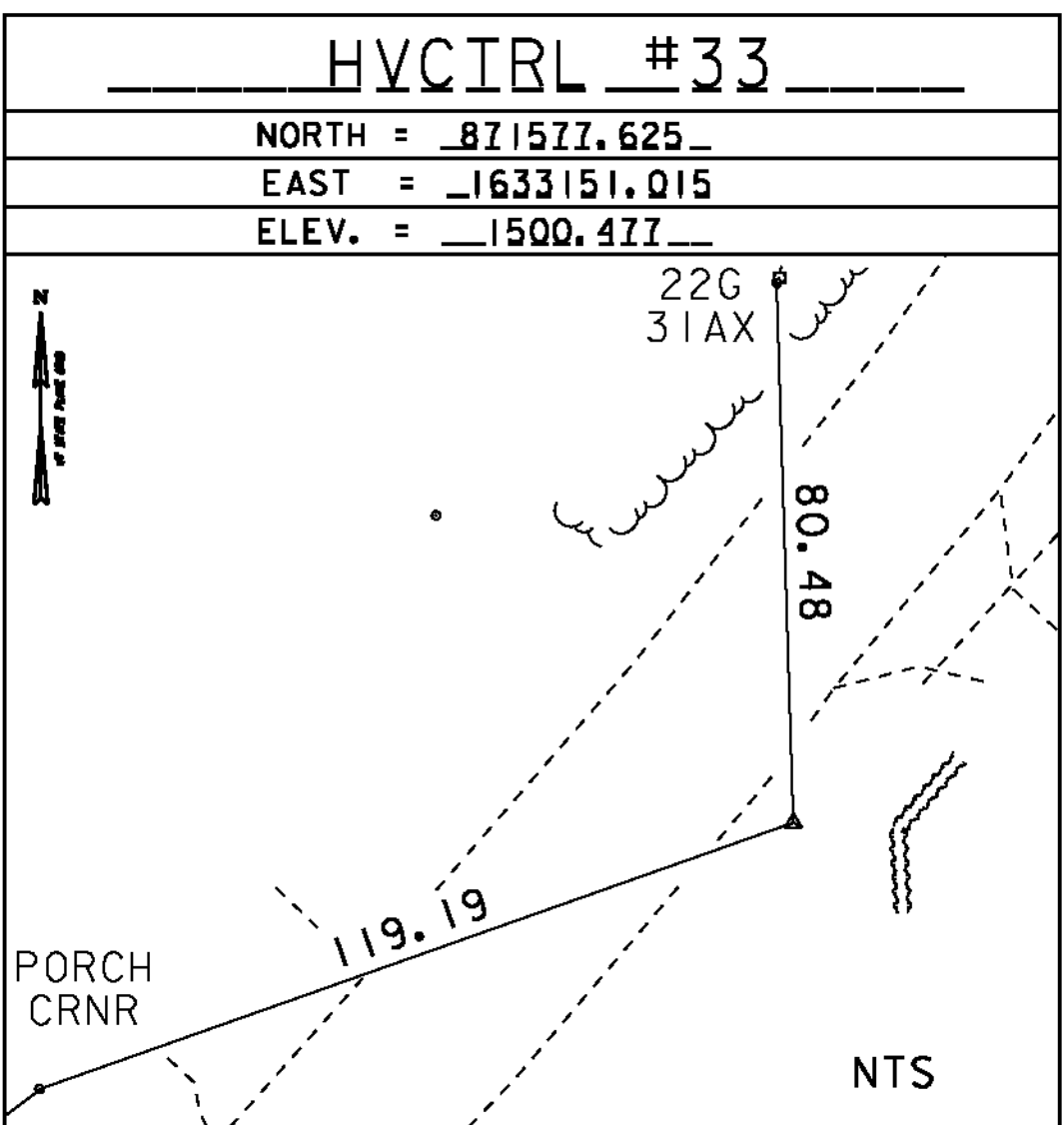
HVCIRL #32

VOYAGEUR AZ MK

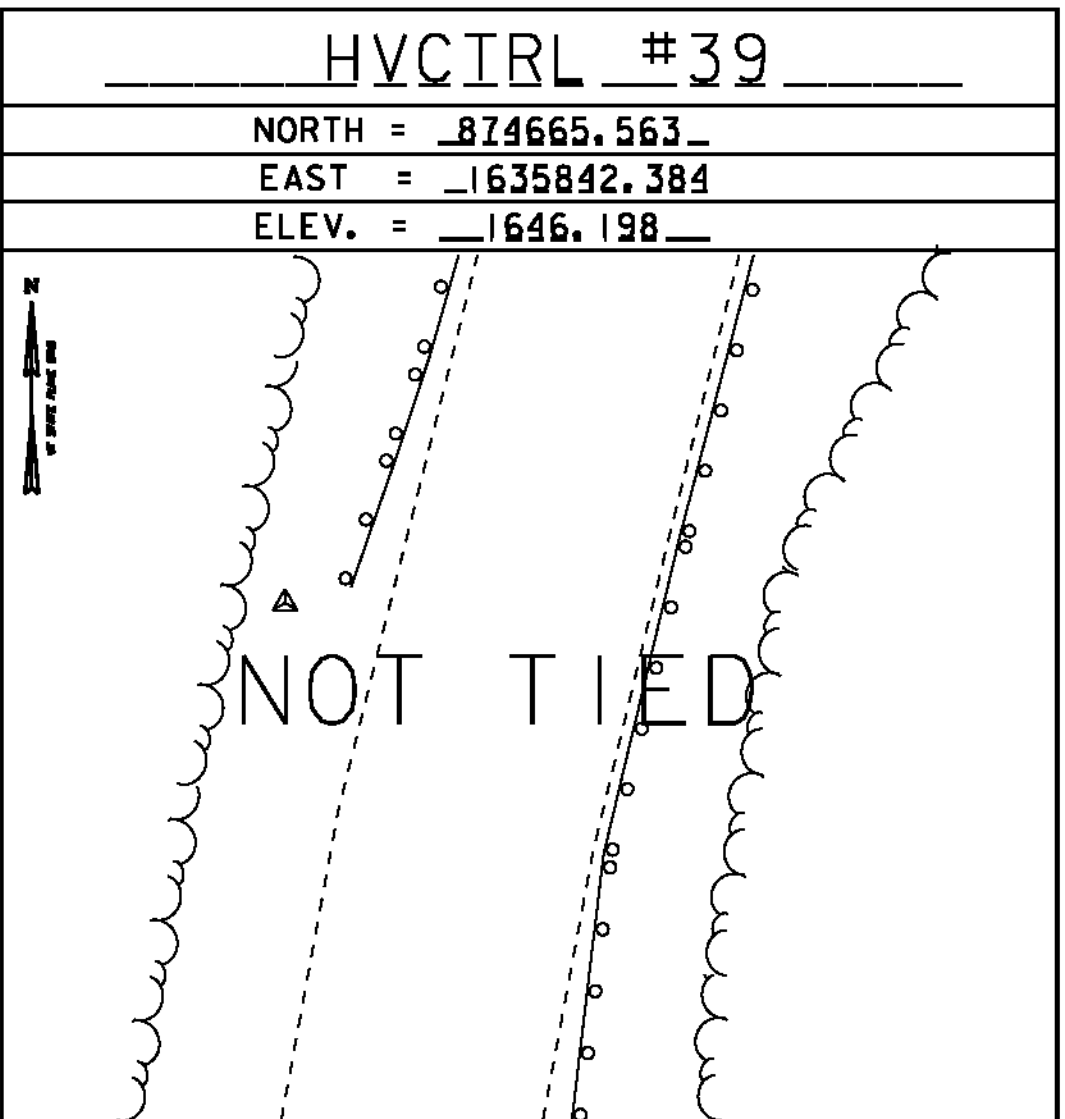
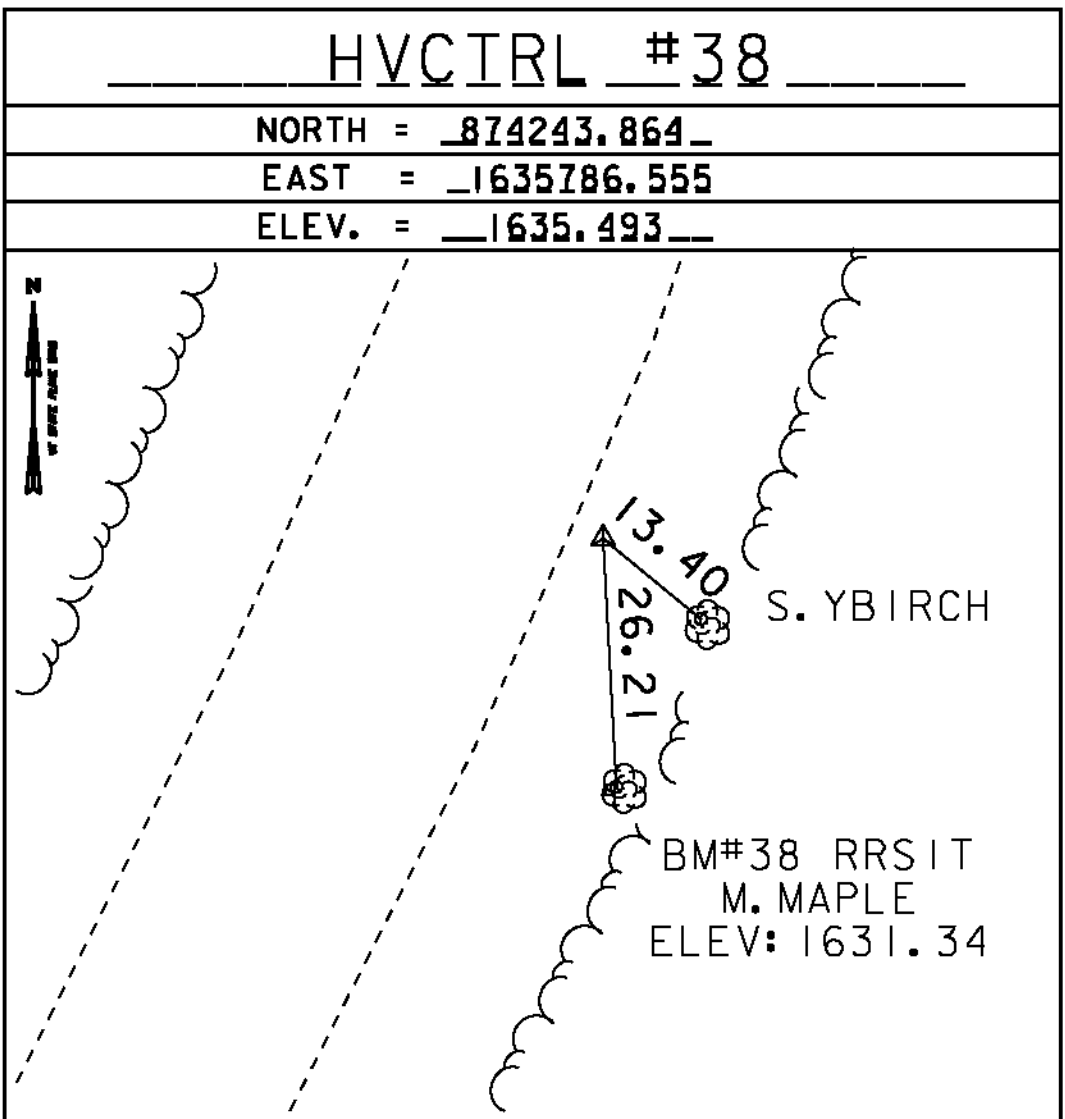
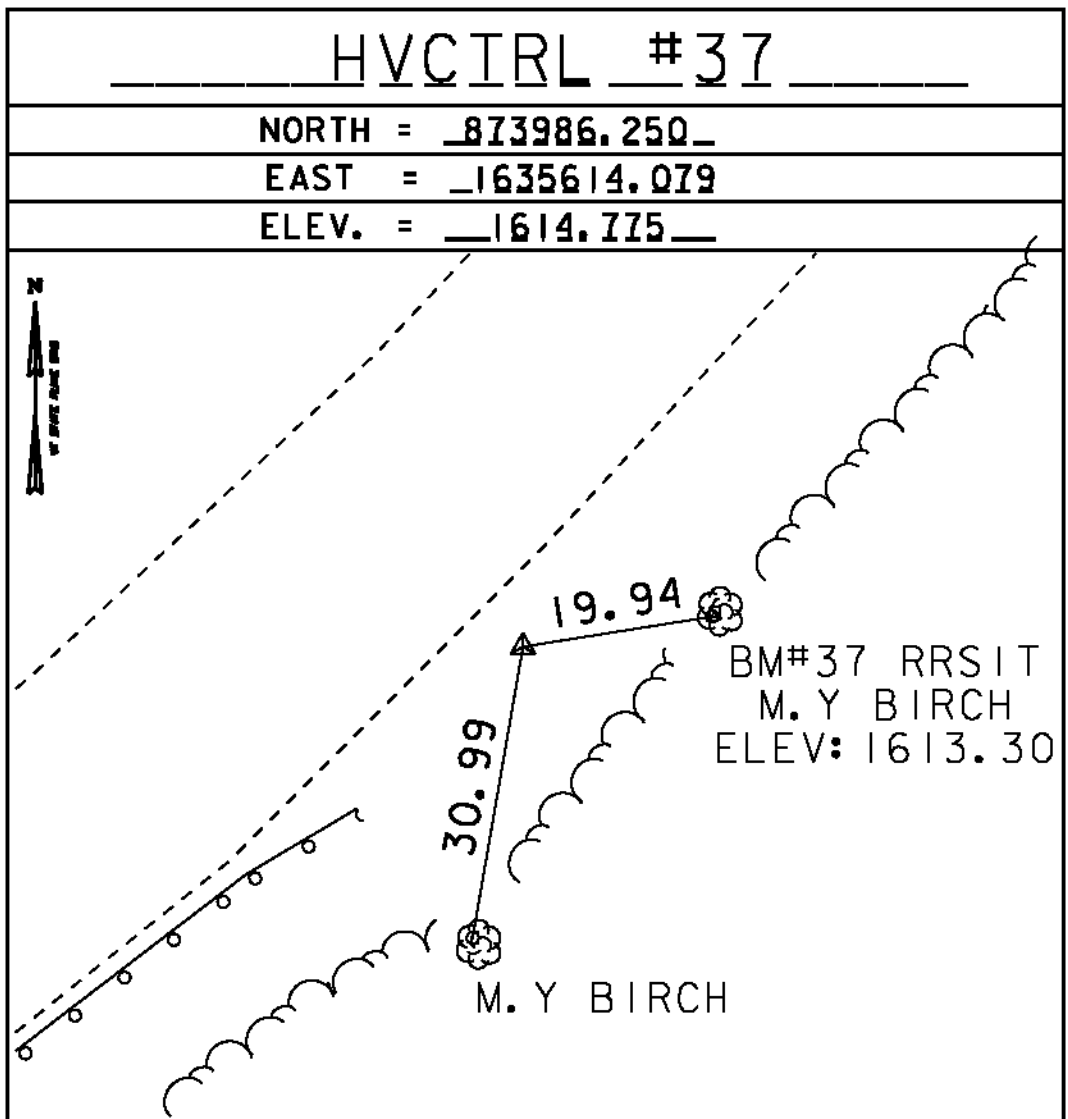
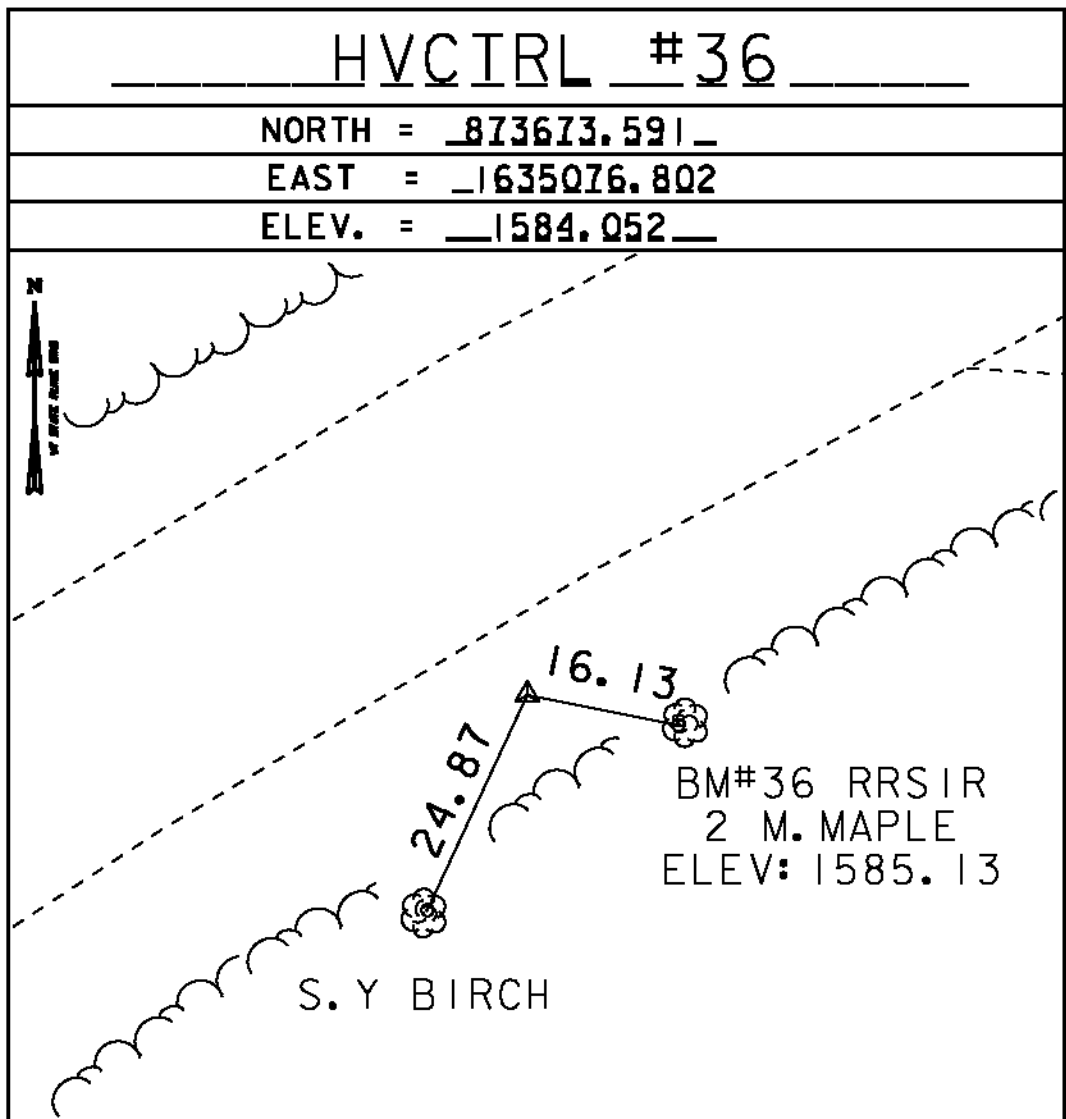
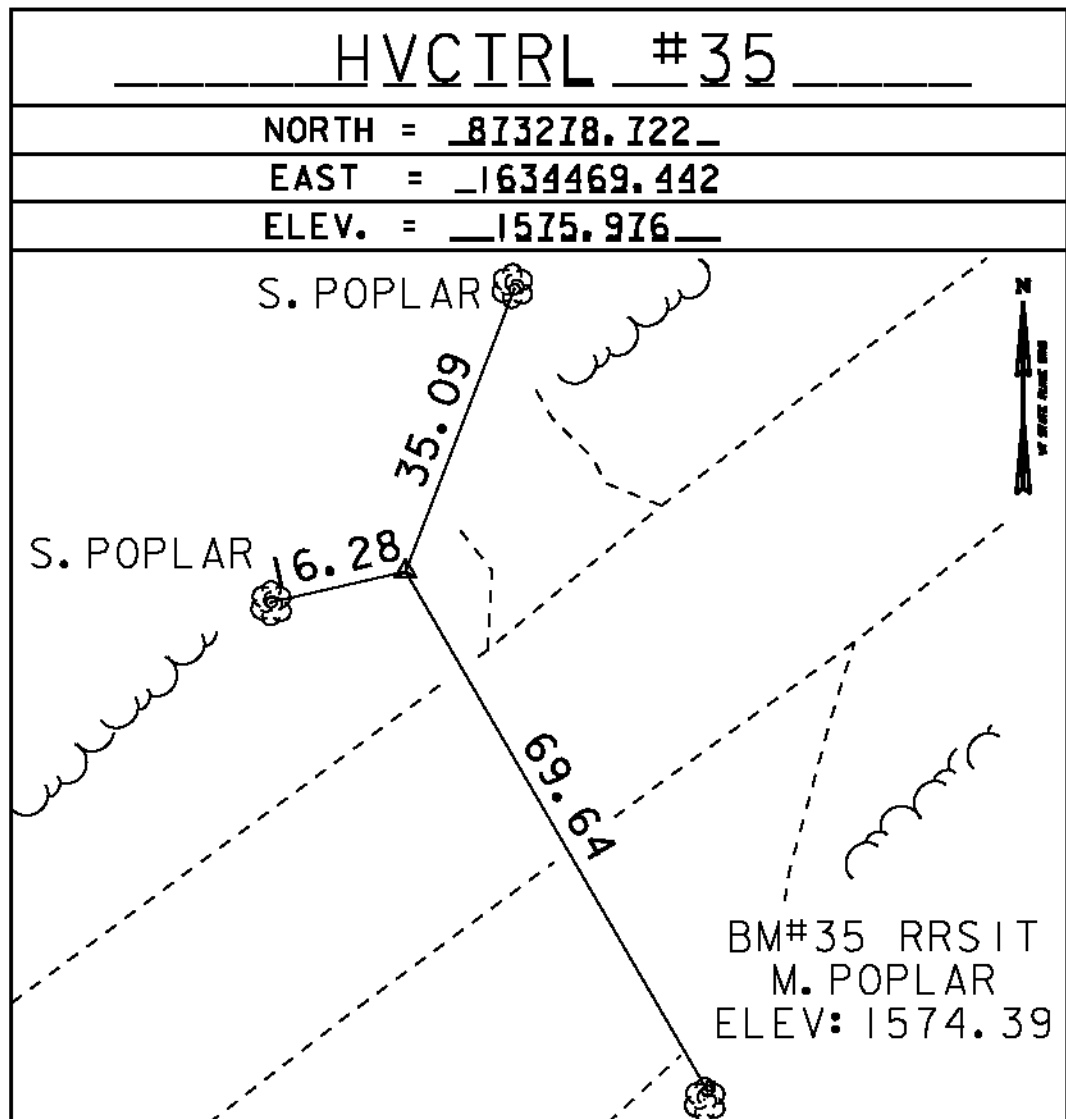
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ELEV. = 1469.319

GENERAL LOCATION, WESTFIELD, VT.
TO REACH FROM THE INTERSECTION OF VT ROUTE 242 AND VT ROUTE 118 IN MONTGOMERY CENTER GO EAST ALONG VT ROUTE 242 FOR 2.3 MI (3.7 KM) TO THE INTERSECTION OF AMIDON ROAD RIGHT. CONTINUE STRAIGHT AHEAD AND GO EAST ALONG VT ROUTE 242 FOR 1.0 MI (1.6 KM) TO THE SITE OF THE MARK ON THE RIGHT. THE MARK IS SET 10 CM (4 INCHES) BELOW GROUND SURFACE IN THE TOP OF A 30 CM (12 INCH) DIAMETER CONCRETE MONUMENT. IT IS 10.7 M (35.1 FT) SOUTH OF AND ABOUT LEVEL WITH THE CENTERLINE OF VT ROUTE 242, 27.7 M (90.9 FT) EAST OF POLE NO 22/G/29/93, 24.3 M (79.7 FT) WEST OF POLE NO 22/G/29A/94 WITH TRANSFORMER AND 0.3 M (1.0 FT) NORTH OF A FIBERGLASS WITNESS POST.

TRAVERSE TIES



TRAVERSE TIES



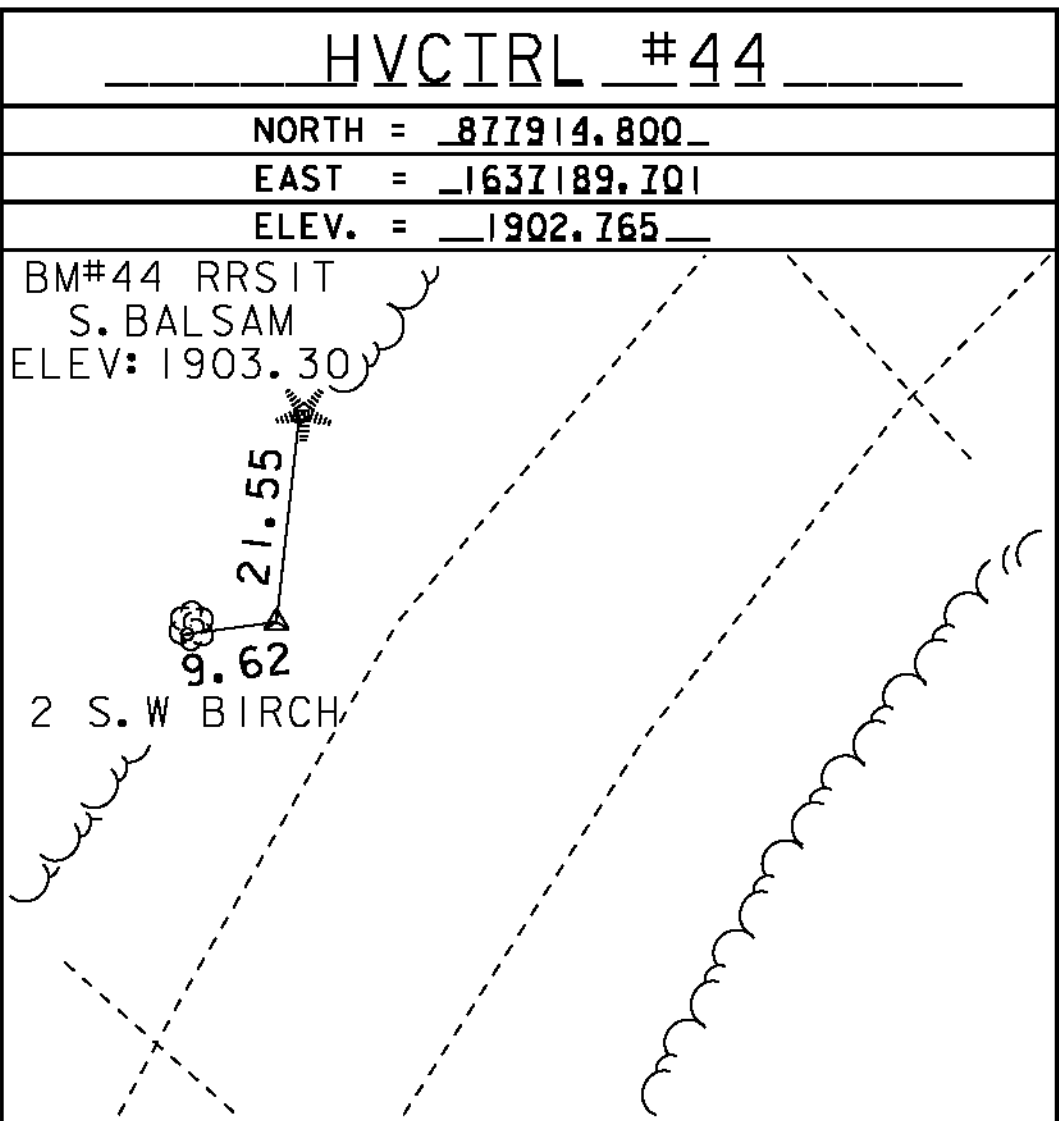
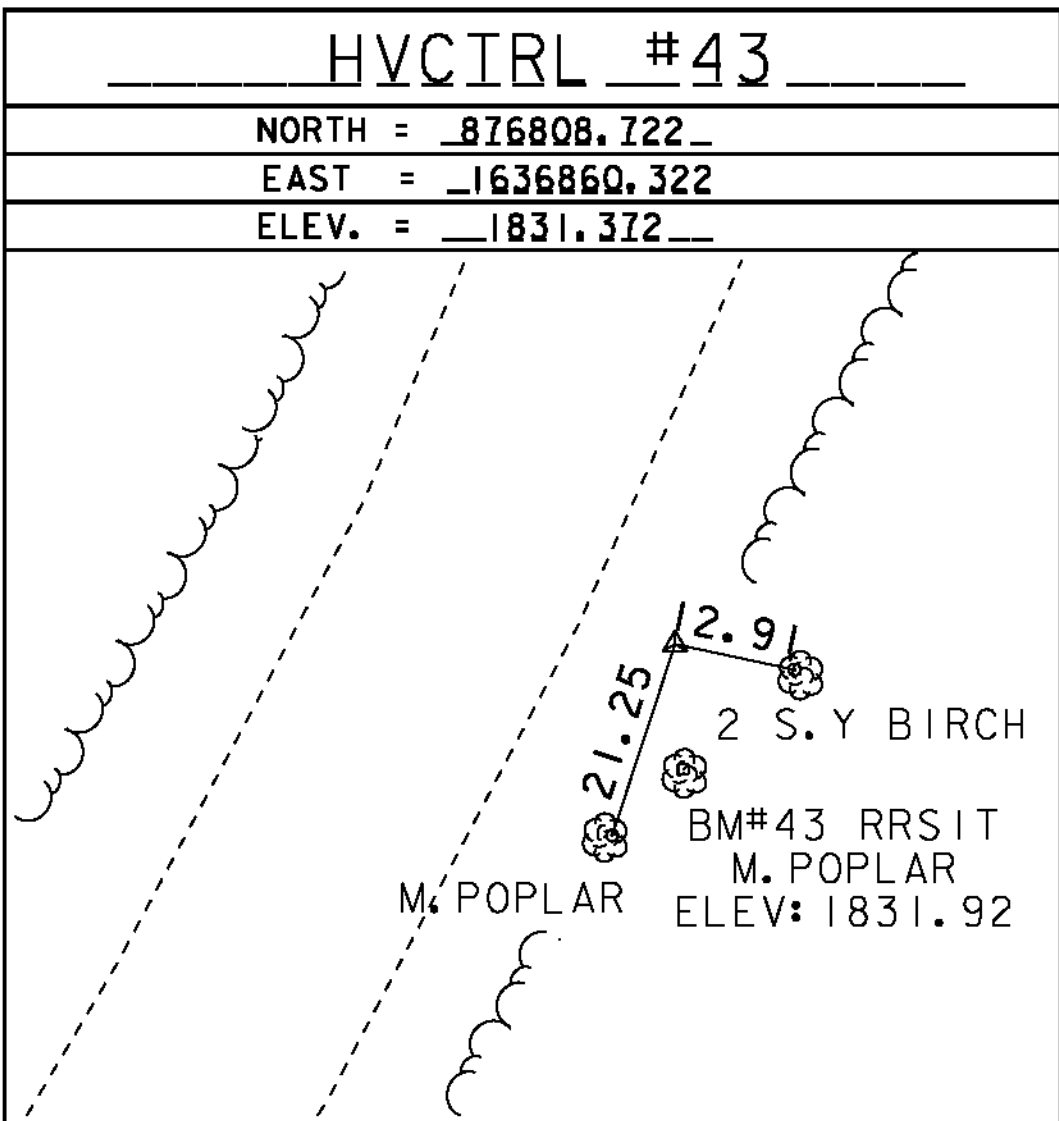
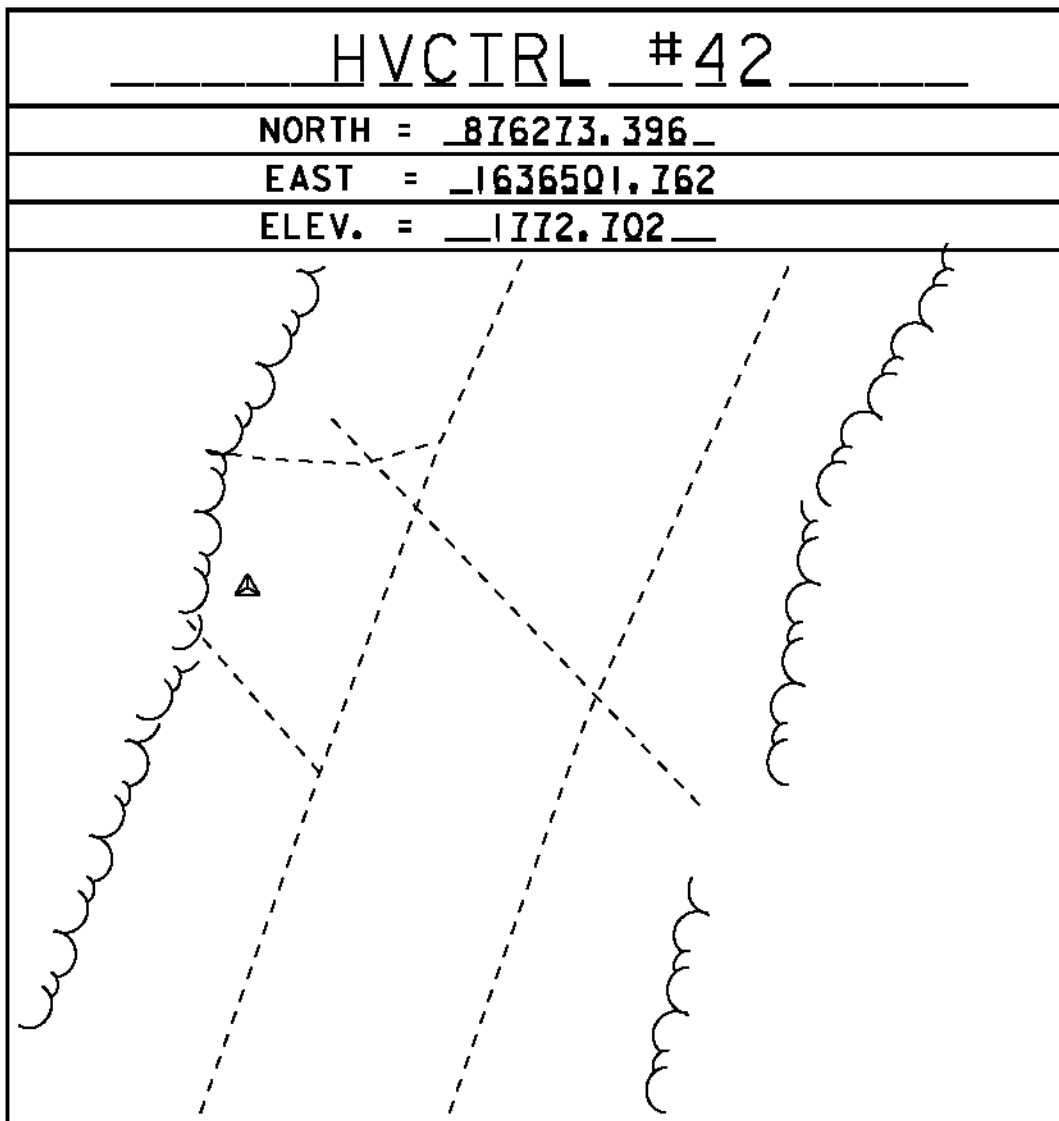
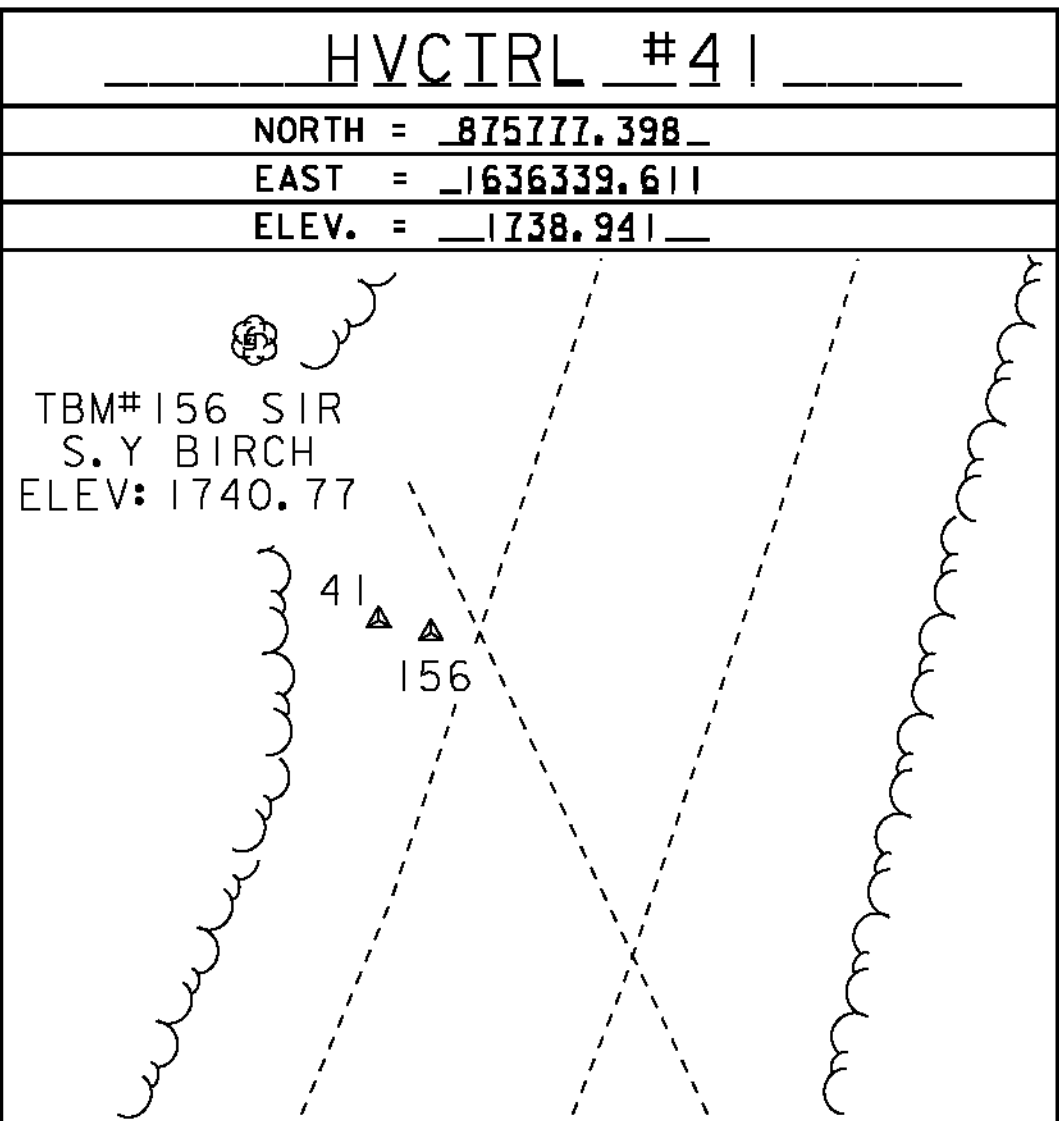
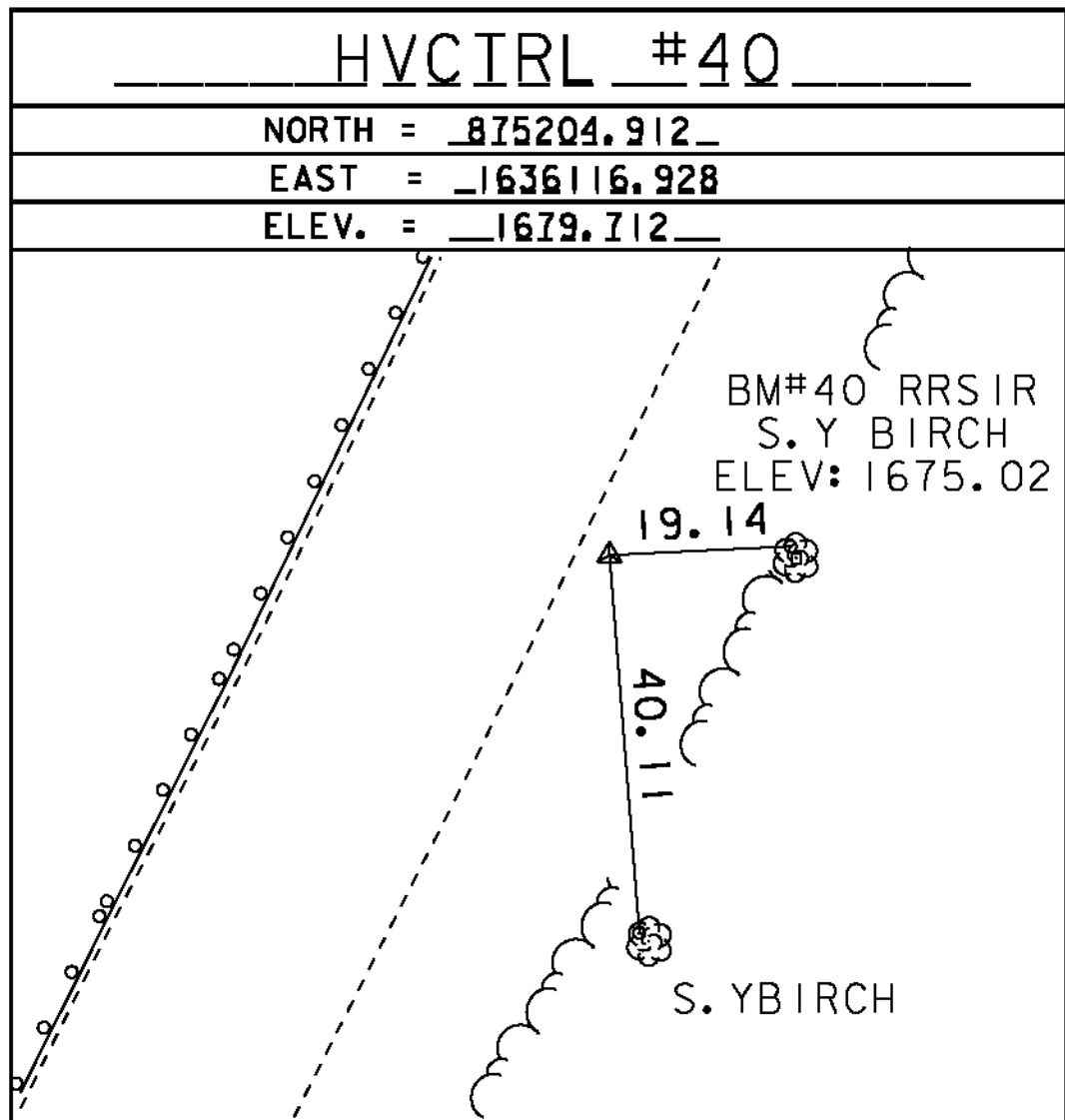
DATUM
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HORIZONTAL NAD 83 (07)
ADJUSTMENT COMPASS

SCALE IN FEET
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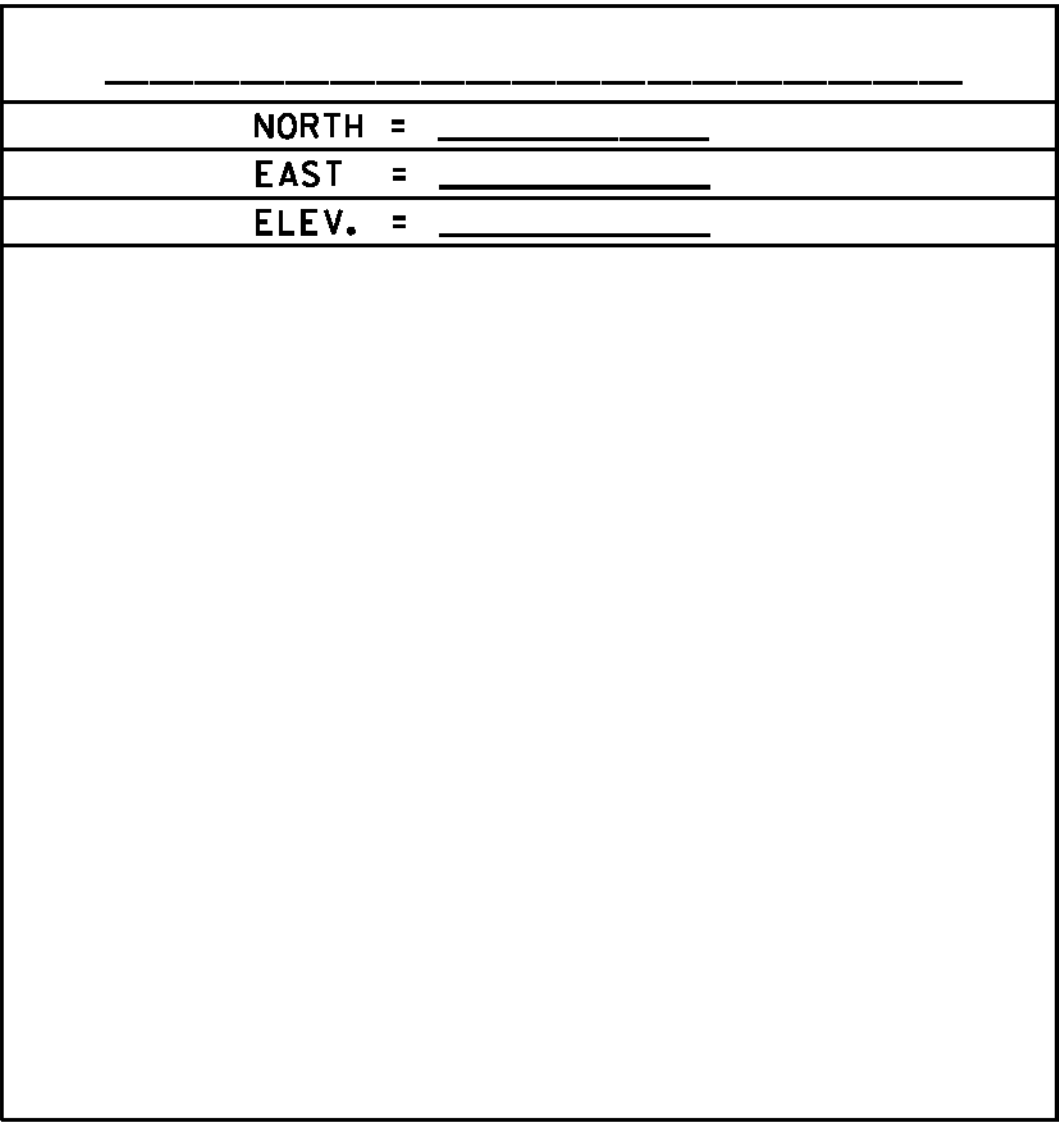
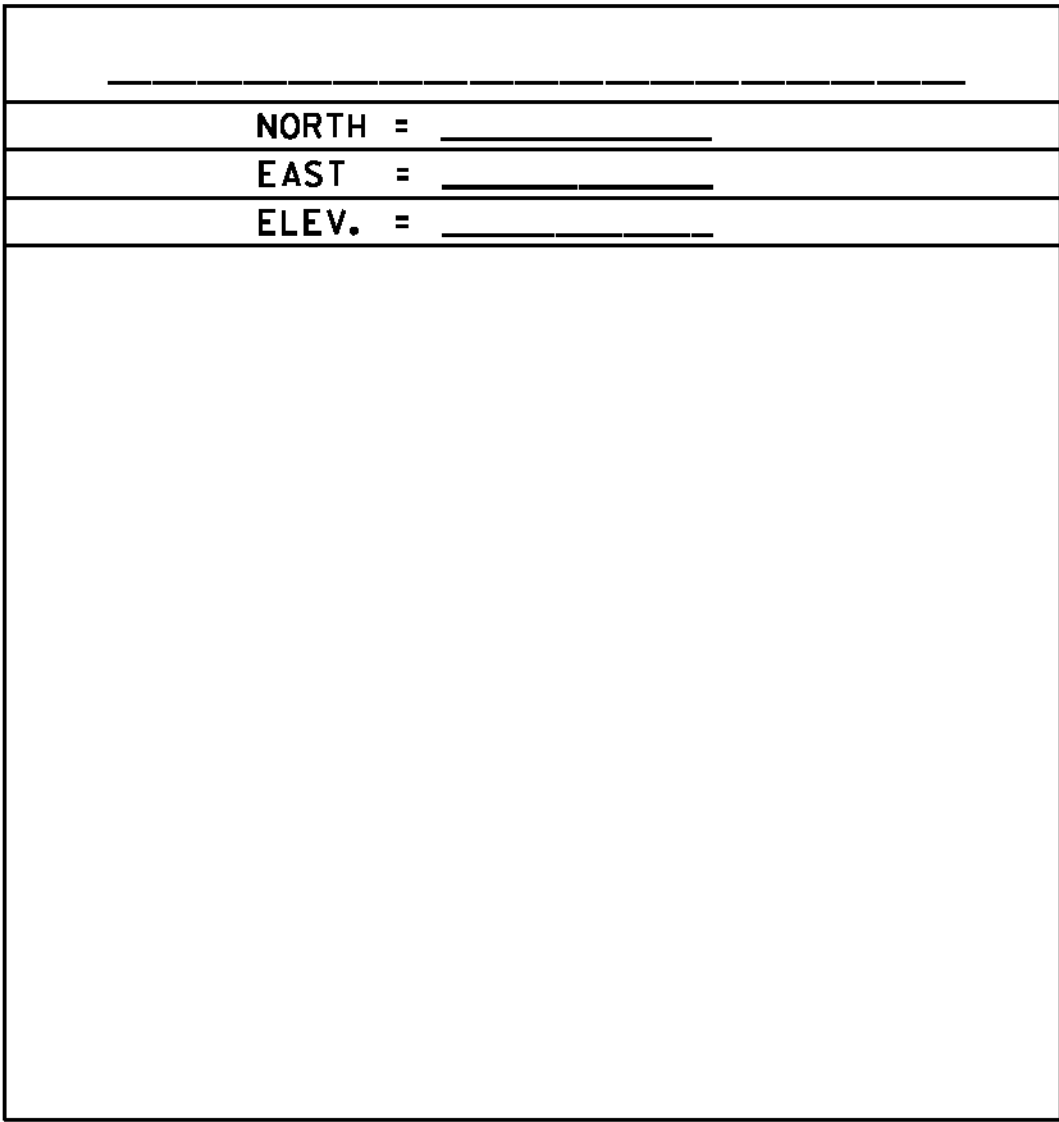
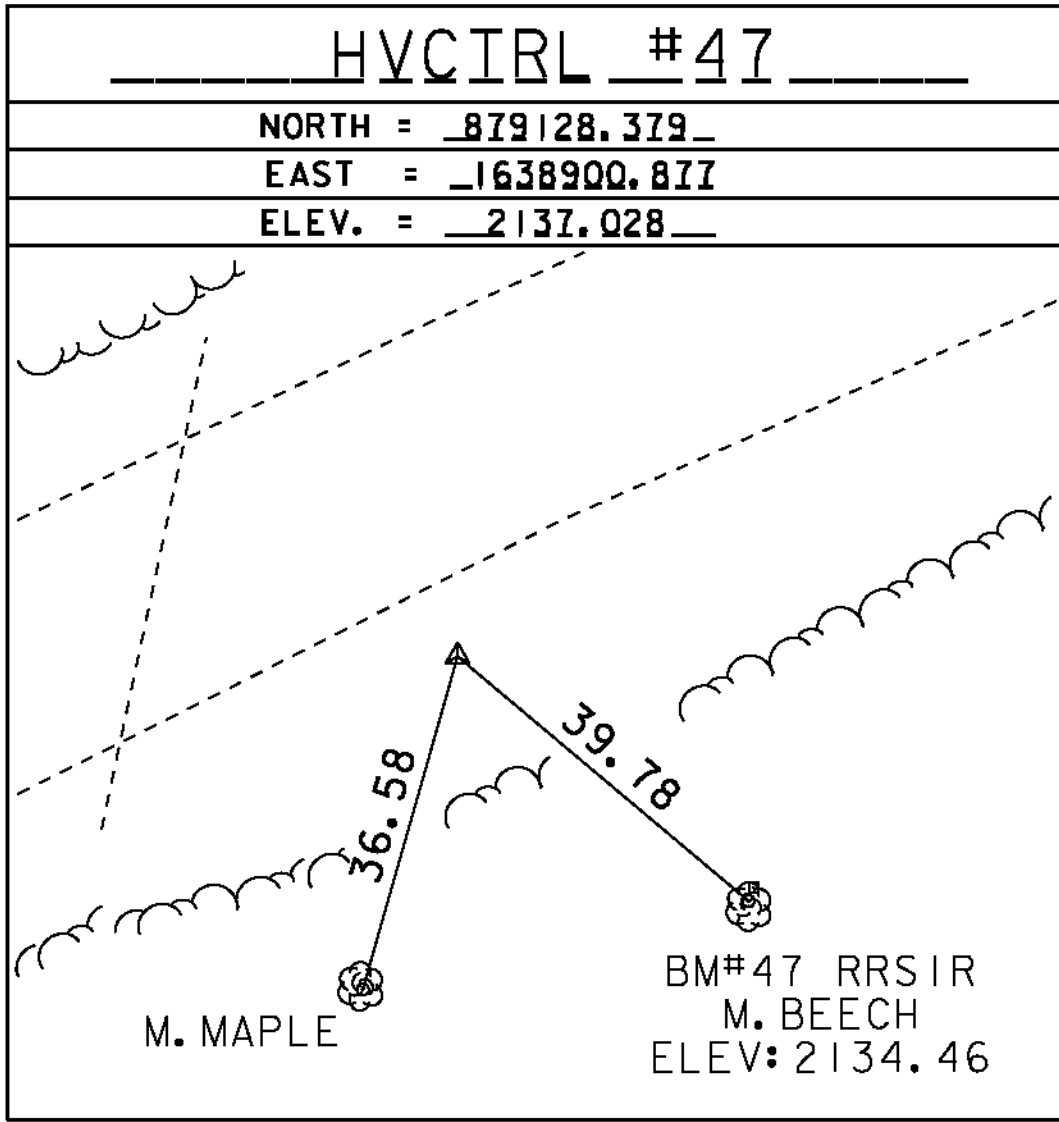
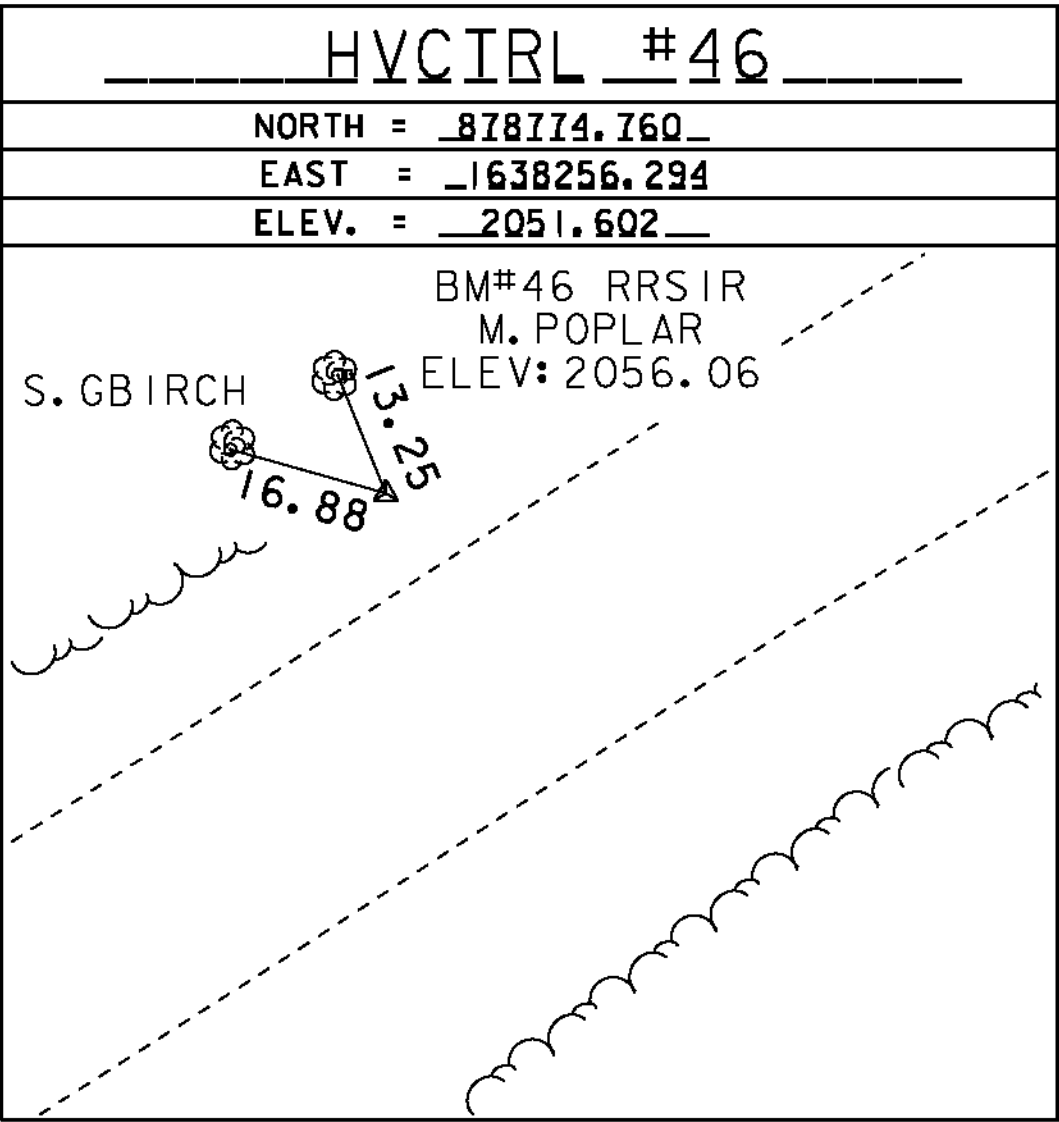
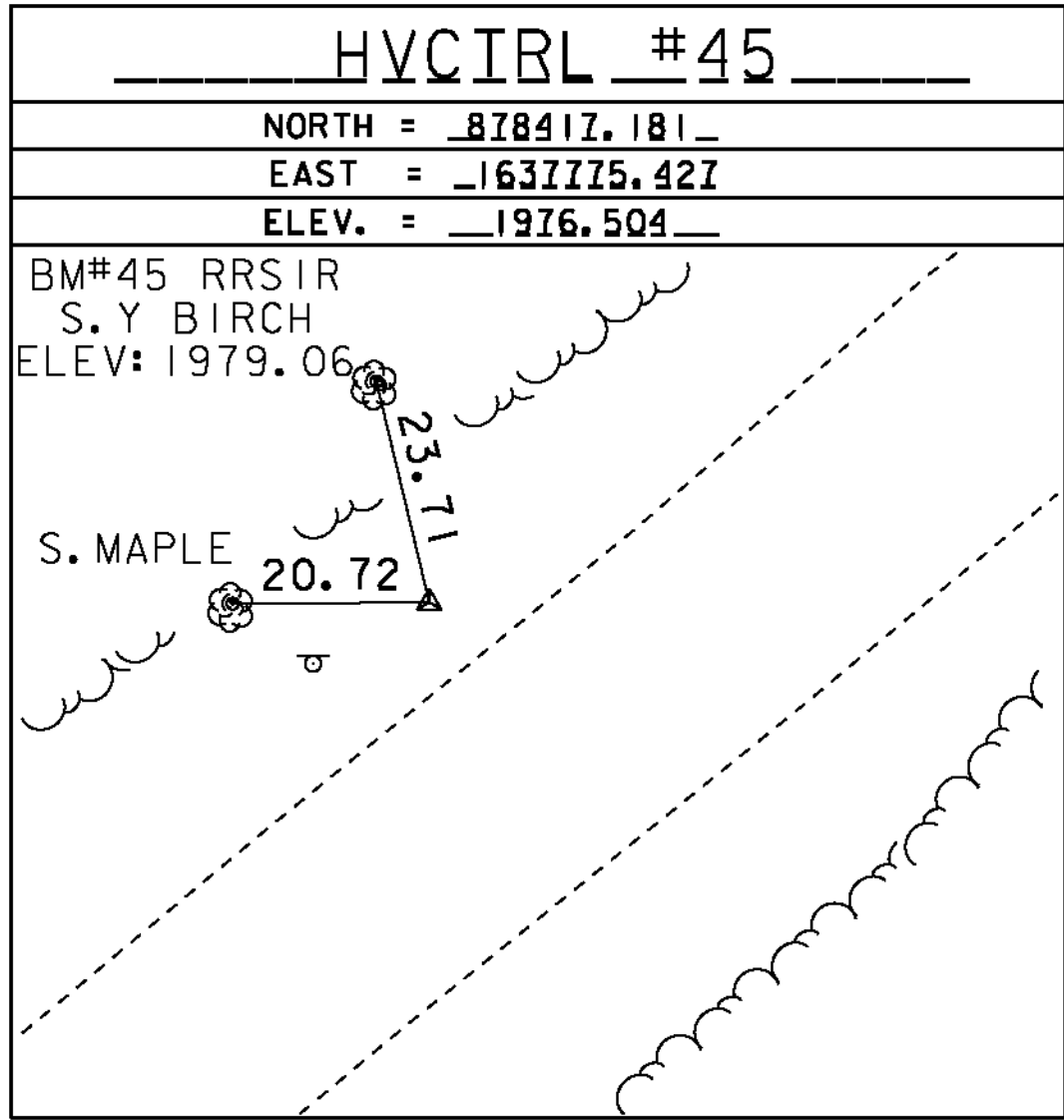
TIE SHEET 3

PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(1)
FILE NAME: pi0ci90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: pi0ci90_5.1
PLOT DATE: 9/5/12
DRAWN BY: R. BULLOCK
CHECKED BY: CDL
SHEET 5 OF 178

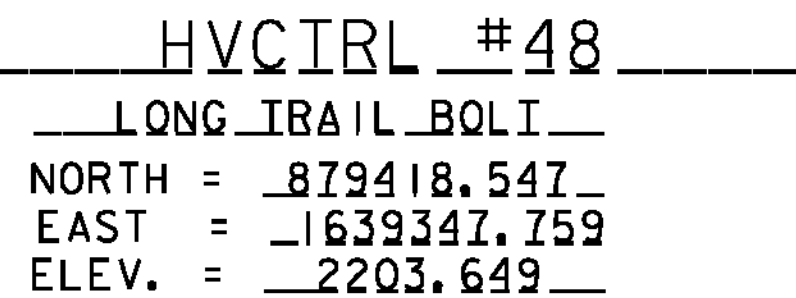
TRAVERSE TIES



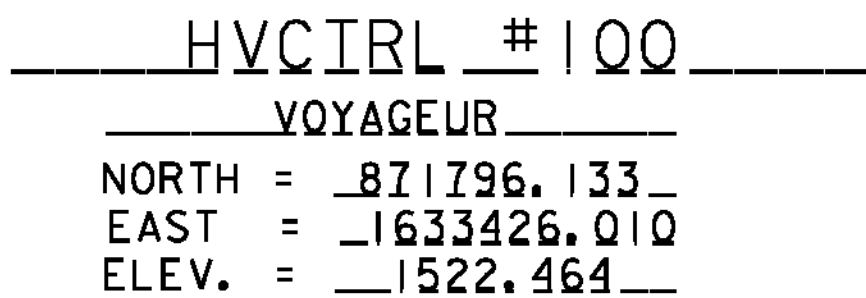
TRAVERSE TIES



GPS CONTROL POINTS



GENERAL LOCATION, WESTFIELD, VT.
TO REACH FROM THE INTERSECTION OF VT ROUTE 242 AND VT ROUTE 118 IN MONTGOMERY CENTER GO EAST ALONG VT ROUTE 242 FOR 6.3 MI (10.1 KM) TO A GRAVEL PARKING AREA ON THE RIGHT, AT THE CROSSING OF THE LONG TRAIL HIKING PATH AND THE SITE OF THE MARK ON THE RIGHT. TO REACH FROM THE INTERSECTION OF VT ROUTE 242 AND VT ROUTE 101 IN TROY GO WEST ALONG VT ROUTE 242 FOR 6.5 MI (10.5 KM) TO THE SITE OF THE MARK. IT IS ABOUT 10 M (32.8 FT) SOUTHWEST OF THE ENTRANCE TO THE LONG TRAIL AND THE CATAMOUNT TRAIL. THE MARK IS A 3/4 INCH (19 MM) DIAMETER GUARD RAIL BOLT SET FLUSH WITH THE GROUND SURFACE IN THE TOP OF MASSIVE ROCK OUTCROP WHICH IS PARTIALLY EXPOSED BY EROSION. IT IS 8.5 M (27.9 FT) SOUTHEAST OF AND ABOUT 0.3 M (1.0 FT) LOWER THAN THE CENTERLINE OF VT ROUTE 242, 10.9 M (35.8 FT) NORTHEAST OF THE CENTER OF A 1.9 M (6.2 FT) X 1.1 M (3.6 FT) BOULDER WHICH PROJECTS 0.6 M (2.0 FT) ABOVE GROUND SURFACE AND 14.7 M (48.2 FT) WEST OF A 25 CM (10 INCH) MAPLE WITH LONG TRAIL MARKING (A VERTICAL WHITE LINE PAINTED AT EYE LEVEL).



GENERAL LOCATION, WESTFIELD, VT. OWNERSHIP, SHARON AND ROLF ANDERSON, ROUTE 242 BOX 1010, MONTGOMERY CENTER, VT 05471. THE MARK IS ABOUT 65 M NORTHWEST OF THE ANDERSONS TWO-STORY HOUSE WITH AN ELL. IT IS SET 10 CM (4 INCHES) BELOW GROUND SURFACE IN THE TOP OF A 30 CM (12 INCHES) DIAMETER CONCRETE MONUMENT. IT IS 34.9 M (114.5 FT) SOUTHEAST OF AND ABOUT 5 M (16.4 FT) HIGHER THAN THE CENTERLINE OF VT ROUTE 242, 16.5 M (54.1 FT) NORTH NORTHWEST OF THE CENTERLINE OF THE GRAVEL DRIVE, 60.3 M (197.8 FT) EAST NORTHEAST OF POLE NO 22G/31A/1/3/99, 11.7 M (38.4 FT) NORTHWEST OF A 10 CM (4 INCHES) APPLE, 14.8 M (48.6 FT) WEST OF THE MOST NORTHERLY (OF 2) SQUARE WOODEN LAMPPPOST, 9.9 M (32.5 FT) NORTHWEST OF THE WEST CORNER OF THE GRAVEL PARKING LOT, 24.1 M (79.1 FT) SOUTH OF A 40 CM (16 INCHES) POPLAR, AND 17.5 M (57.4 FT) SOUTHEAST OF A FIBERGLASS WITNESS POST.

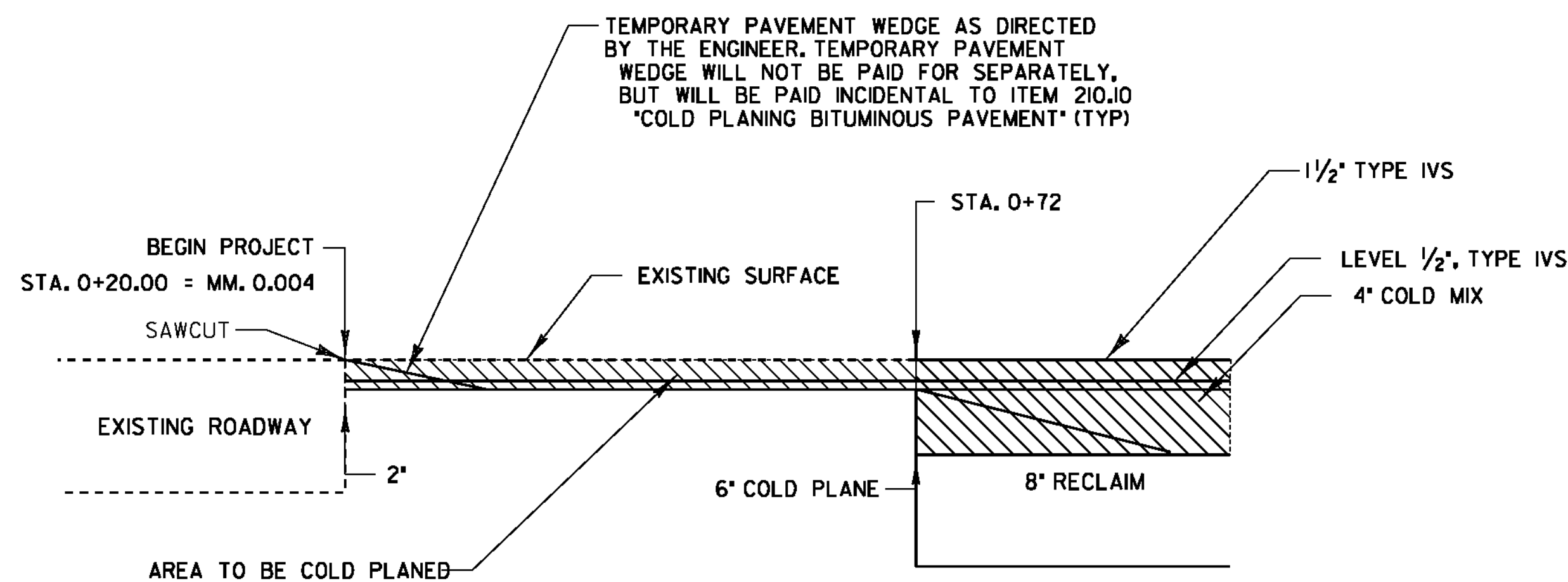
DATUM	
VERTICAL	<u>NAD 88</u>
HORIZONTAL	<u>NAD 83 (07)</u>
ADJUSTMENT	<u>COMPASS</u>



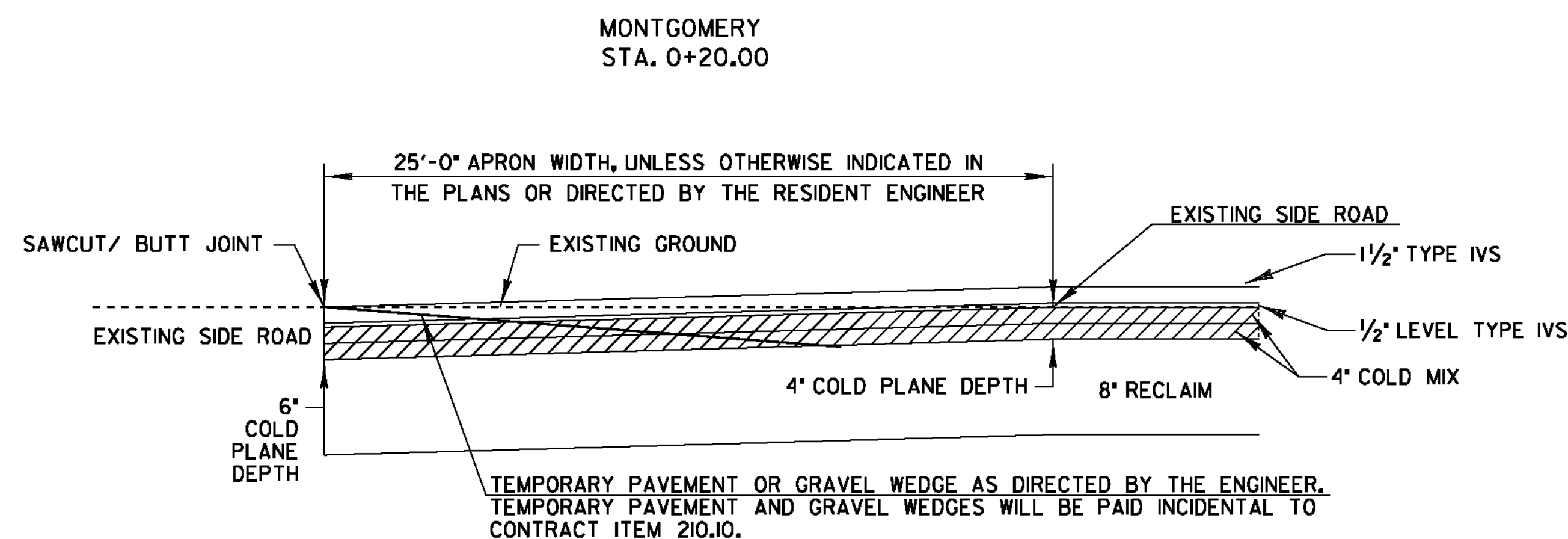
TIE SHEET 4

PROJECT NAME:	MONTGOMERY-WESTFIELD
PROJECT NUMBER:	STP 2906(1)
FILE NAME:	p10C190.dgn
PROJECT LEADER:	CDL
DESIGNED BY:	SJL
PLOT FILE:	p10C190_6.t
PLOT DATE:	9/5/12
DRAWN BY:	R. BULLOCK
CHECKED BY:	CDL
SHEET	6 OF 178

FILE NAME: p10CI90.dgn	PLOT DATE: 9/5/12
PROJECT LEADER: CDL	DRAWN BY: SJL
DESIGNED BY: SJL	CHECKED BY: CDL
PLOT FILE: p10CI90-7.I	SHEET 7 OF 178

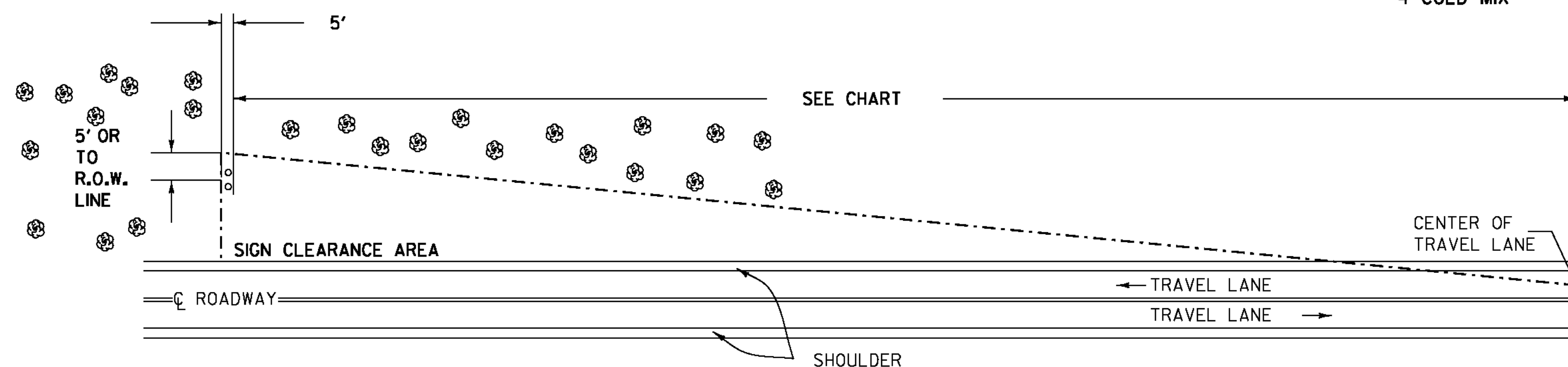


APPROACH AREA DETAIL (BEGIN PROJECT)



TRANSITION AREA FOR PAVED SIDE ROADS

FULL WIDTH OF TOWN HIGHWAY
SEE LAYOUT SHEETS FOR LOCATIONS OF ALL SIDE ROADS



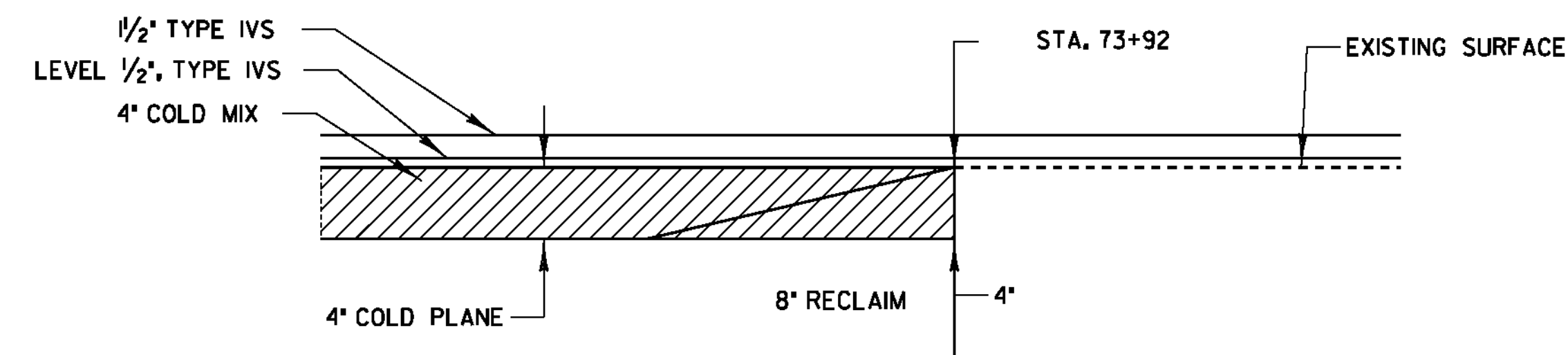
THINNING AND TRIMMING FOR SIGNS DETAIL

THE CONTRACTOR SHALL REMOVE ALL WOODY STEMMED GROWTH INCLUDING BRUSH, SAPLINGS AND TREE LIMBS GROWING WITHIN OR PROJECTING INTO THE CLEARANCE AREA AND DOWN TO GROUND LEVEL OR AT LEAST 10 FT BELOW THE BOTTOM OF THE SIGN. PAYMENT WILL BE FOR THINNING AND TRIMMING FOR SIGNS, ITEM 201.31, AND PAID FOR PER EACH, NO CHEMICALS (POISONS OR DEFOLIANTS) ALLOWED.

MONTGOMERY
STA. 7+45 LT
STA. 34+39 LT
STA. 51+56 RT
STA. 66+63 RT
STA. 188+24 LT

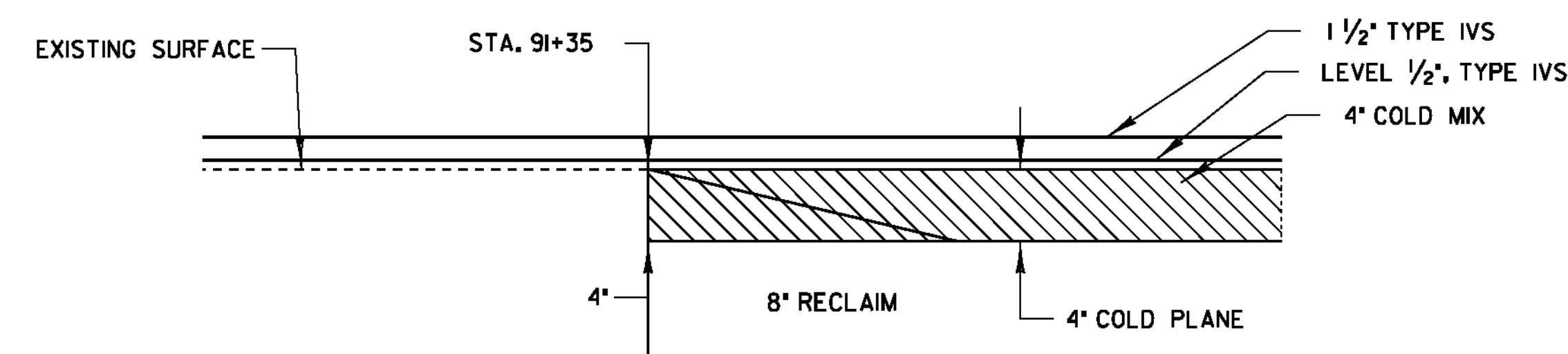
MINIMUM SIGN SIGHT DISTANCE CHART

APPROACH SPEED (mph)	SIGHT DISTANCE (feet)
30 OR LESS	300
35	350
40	400
45	450
50	500
55	550



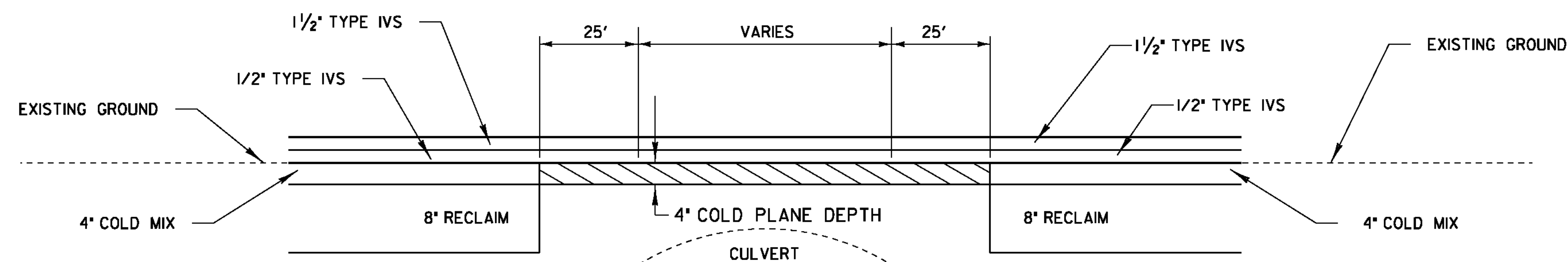
RECLAIM TO LEVEL/OVERLAY AREA TRANSITION DETAIL

MONTGOMERY
STA. 73+92



LEVEL/OVERLAY TO RECLAIM AREA TRANSITION DETAIL

MONTGOMERY
STA. 91+35



CULVERTS WITH MINIMAL COVER DETAIL

SEE PLANS FOR LOCATIONS

**PROJECT
TYPICAL
SHEET 2**

PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(1)

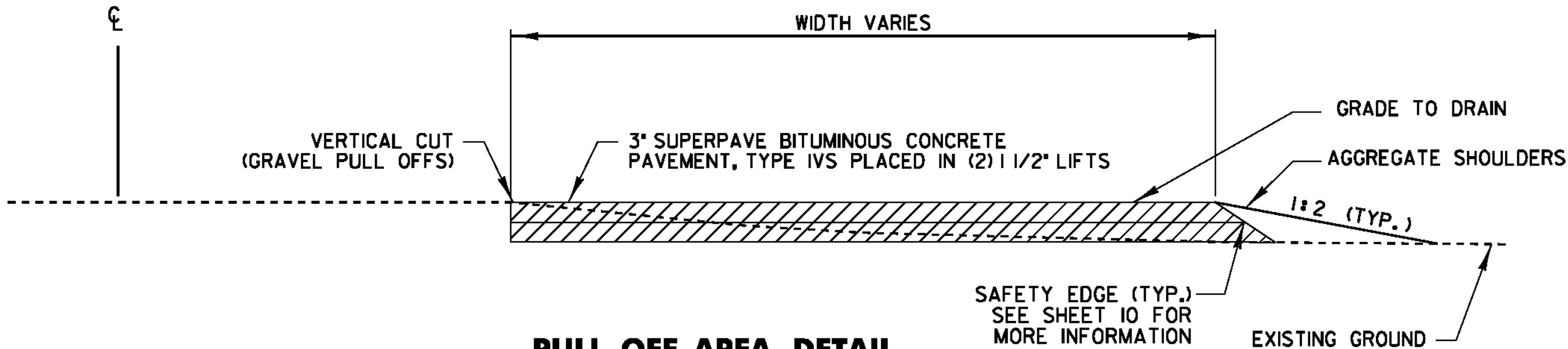
FILE NAME: p10C190.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C190_8.1

PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: CDL
SHEET 8 OF 178

DETAILS ARE NOT TO SCALE

TYPICAL ORDER OF OPERATIONS FOR RECLAIMED STABILIZED BASE WITH PORTLAND CEMENT PAVEMENT REHABILITATION		
STEP	DESCRIPTION	PAYMENT ITEM(S)
1	COLD PLANE EXISTING BITUMINOUS CONCRETE PAVEMENT TO INDICATED DEPTH	ITEM 210.10 "COLD PLANING, BITUMINOUS PAVEMENT"
2	REPAIR EXISTING SHOULDERS AS DIRECTED BY THE RESIDENT ENGINEER	ITEM 301.28 "SUBBASE OF CRUSHED GRAVEL, FINE GRADED"
3	RECLAIM EXISTING ROADBED 8" FROM TOP OF SLOPE TO TOP OF SLOPE USING WATER FOR STABILIZATION AND COMPACTION	ITEM 310.20 "RECLAIMED STABILIZED BASE"
4	CORRECT SUPERELEVATION DEFICIENCIES	ITEM 301.28 "SUBBASE OF CRUSHED GRAVEL, FINE GRADED" SEE NOTE 5 ON SHEET 7
5	PLACE PORTLAND CEMENT ON ROADBED SURFACE AND RECLAIM ROADBED 8", CURE, MICROCRACK, AND APPLY FOG SEAL SURFACE TREATMENT	ITEM 900.675 "SPECIAL PROVISION (RECLAIMED STABILIZED BASE, PORTLAND CEMENT)", ITEM 900.680 "SPECIAL PROVISION (PORTLAND CEMENT FOR BASE STABILIZATION)" AND ITEM 900.683 "SPECIAL PROVISION (FOG SEAL SURFACE TREATMENT)"
6	PLACE 4" COLD MIX IN (2) 2" LIFTS	ITEM 415.25 "EMULSIFIED ASPHALT, COLD MIX" ITEM 900.675 "SPECIAL PROVISION (COLD MIXED RECYCLED BITUMINOUS PAVEMENT, PORTLAND CEMENT)" ITEM 900.680 "SPECIAL PROVISION (PORTLAND CEMENT FOR COLD MIXED RECYCLING)"
7	PLACE 1/2" TYPE IVS LEVEL	ITEM 490.30 "SUPERPAVE BITUMINOUS CONCRETE PAVEMENT"
8	PLACE 1 1/2" TYPE IVS WEARING COURSE	ITEM 490.30 "SUPERPAVE BITUMINOUS CONCRETE PAVEMENT"

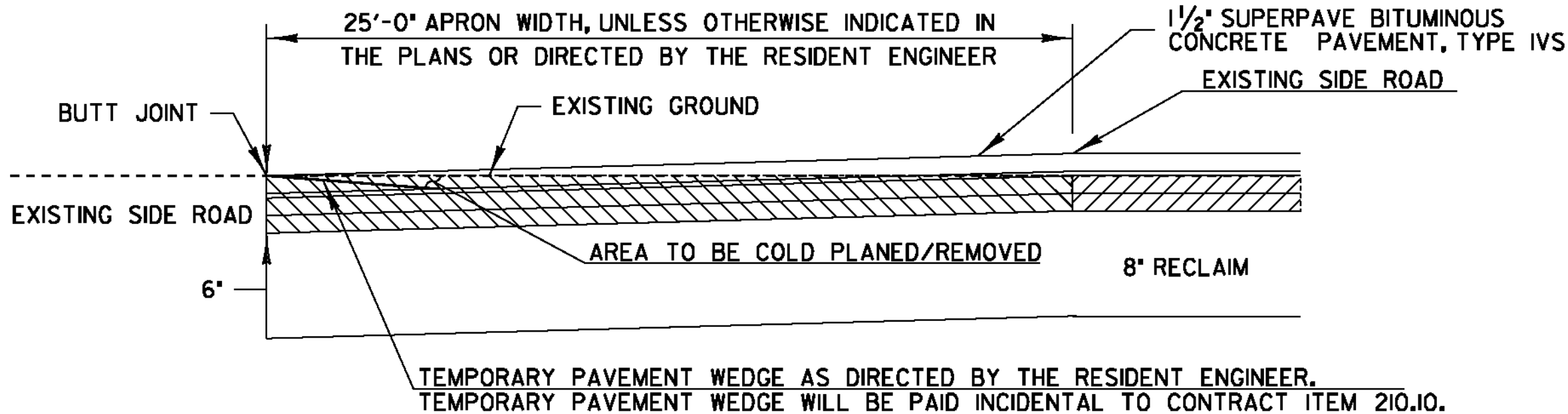
NOTE: THIS LIST OF PROCEDURES FOR REHABILITATING THE EXISTING ROADBED IS PRESENTED FOR INFORMATIONAL PURPOSES ONLY AND SHALL NOT BE CONSIDERED ALL INCLUSIVE. THE CONTRACTOR SHALL PREPARE THEIR OWN SCHEDULE OF OPERATIONS TO COMPLETE THE PROPOSED WORK IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS WHILE UTILIZING THE APPROPRIATE PAY ITEMS AS SHOWN IN THE PLANS AS DIRECTED BY THE RESIDENT ENGINEER.



PULL OFF AREA DETAIL

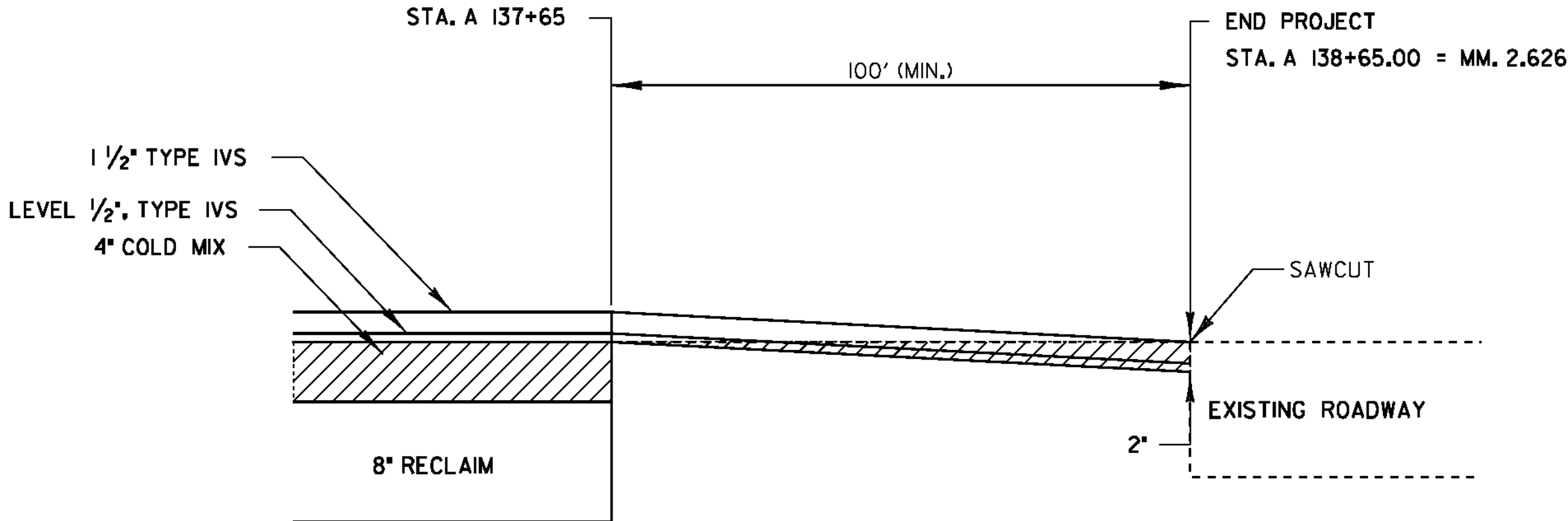
WESTFIELD
STA. A 52+50 RT
STA. A 72+40 RT
STA. A 136+00 RT

NOTE: ANY EXCAVATION REQUIRED IN THE PULLOFF AREAS PRIOR TO PAVING SHALL BE PAID FOR UNDER THE APPROPRIATE RENTAL ITEMS.



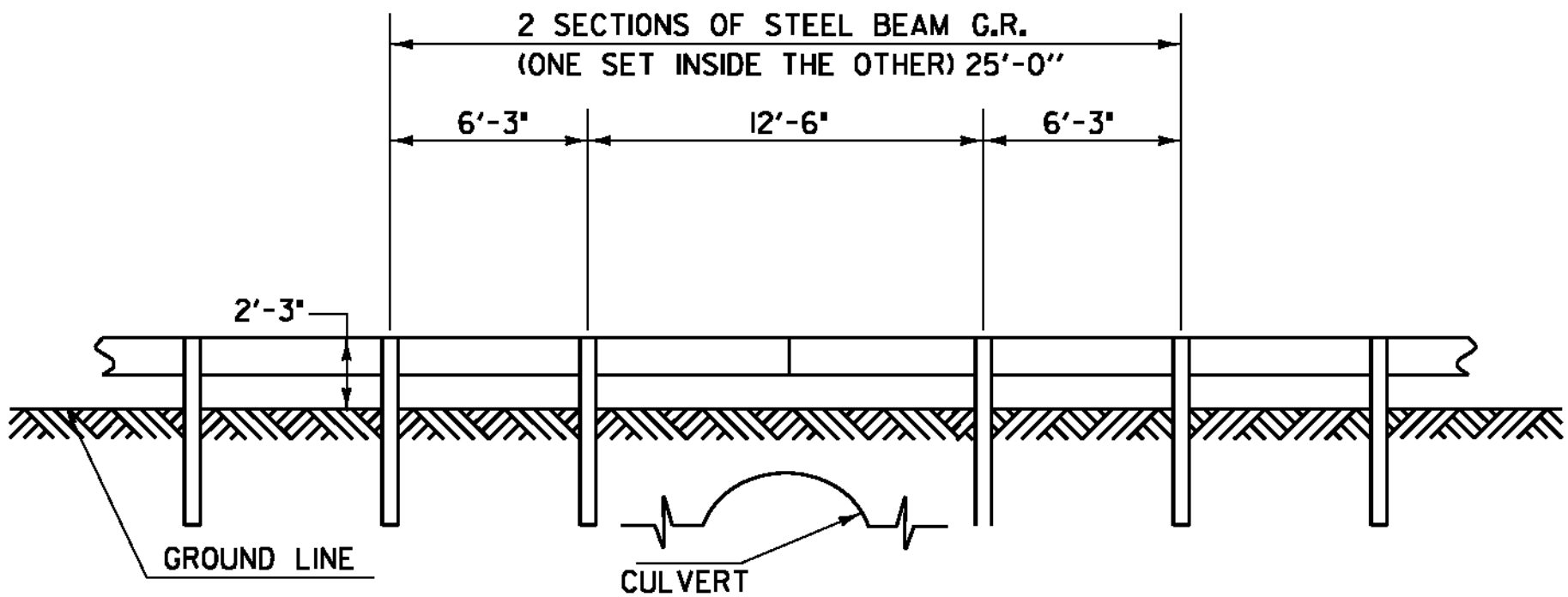
TRANSITION AREA FOR GRAVEL SIDE ROADS

FULL WIDTH OF TOWN HIGHWAY
SEE LAYOUT SHEETS FOR LOCATIONS OF ALL SIDE ROADS



APPROACH AREA DETAIL (END PROJECT)

WESTFIELD
STA. A 137+65



DETAIL OF STEEL BEAM GUARDRAIL AT SMALL CULVERTS

WESTFIELD
STA. A 74+47

SEEDING FORMULA

RATE: DOUBLE IF HYDROSEEDING

% WT.	LBS./A.	NAME	PUR %	GERM %
38	32	CREEPING RED FESCUE	98	90
29	24	SPARTAN HARD FESCUE	95	85
15	12	AZAY SHEEP'S FESCUE	95	87
15	12	ANNUAL RYE GRASS	95	90
3	--	INERTS	--	--
100.0	80 LB/A			

GENERAL NOTES

SEED MIXTURE: SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS SEED.

SEED ITEM 651.15: TO BE APPLIED PER SEEDING FORMULAS OR AS DIRECTED BY THE RESIDENT ENGINEER.

FERTILIZER ITEM 651.18: FORMULA 10-20-10, TO BE USED WITH SEED, APPLIED AT THE RATE OF 500 LBS./ACRE. (HYDRO SEEDERS MAY USE 19-19-19 FORMULA)

AGRICULTURAL LIMESTONE ITEM 651.20: TO BE APPLIED AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE RESIDENT ENGINEER.

TOPSOIL ITEM 651.35: TO BE USED WITH SEED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE RESIDENT ENGINEER.

**PROJECT
TYPICAL
SHEET 3**

PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(1)

FILE NAME: p10CI90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10CI90_9.1
PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: CDL
SHEET 9 OF 178

DETAILS ARE NOT TO SCALE

QUANTITY SHEET 1

**STATE OF VERMONT
AGENCY OF TRANSPORTATION**

[illegible][illegible][illegible]

QUANTITY SHEET 2

STATE OF VERMONT
AGENCY OF TRANSPORTATION

SUMMARY OF ESTIMATED QUANTITIES

		TRAINING	FULL CE	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
				50	50	LF	STEEL BEAM GUARDRAIL , GALVANIZED/NESTED W/8 FEET POSTS	621.207	-
				18	18	EA	ANCHOR FOR STEEL BEAM RAIL	621.60	-
				3606	3606	LF	REMOVAL AND DISPOSAL OF GUARDRAIL	621.80	-
				1100	1100	HR	UNIFORMED TRAFFIC OFFICERS	630.10	EST.
				4700	4700	HR	FLAGGERS	630.15	EST.
			I		I	LS	FIELD OFFICE , ENGINEERS	631.10	-
			I		I	LS	TESTING EQUIPMENT , BITUMINOUS	631.17	-
			3000		3000	DL	FIELD OFFICE TELEPHONE (N.A.B.I.)	631.26	-
		520			520	HR	EMPLOYEE TRAINEESHIP	634.10	-
				I	I	LS	MOBILIZATION/DEMOBILIZATION	635.11	-
				I	I	LS	TRAFFIC CONTROL	641.10	-
							BEGIN OPTION AA		
				69000	69000	LF	DURABLE 4 INCH WHITE LINE , THERMOPLASTIC	646.402	1325
				69000	69000	LF	DURABLE 4 INCH WHITE LINE , EPOXY PAINT	646.403	1325
				69000	69000	LF	DURABLE 4 INCH WHITE LINE , POLYUREA	646.404	1325
							END OPTION AA		
							BEGIN OPTION BB		
				65000	65000	LF	DURABLE 4 INCH YELLOW LINE , THERMOPLASTIC	646.412	531
				65000	65000	LF	DURABLE 4 INCH YELLOW LINE , EPOXY PAINT	646.413	531
				65000	65000	LF	DURABLE 4 INCH YELLOW LINE , POLYUREA	646.414	531
							END OPTION BB		
							BEGIN OPTION CC		
				115	115	LF	DURABLE 24 INCH STOP BAR , THERMOPLASTIC	646.482	2
				115	115	LF	DURABLE 24 INCH STOP BAR , EPOXY PAINT	646.483	2
				115	115	LF	DURABLE 24 INCH STOP BAR , POLYUREA	646.484	2
							END OPTION CC		
							BEGIN OPTION DD		
				29	29	EA	DURABLE LETTER OR SYMBOL , THERMOPLASTIC	646.492	-
				29	29	EA	DURABLE LETTER OR SYMBOL , EPOXY PAINT	646.493	-
				29	29	EA	DURABLE LETTER OR SYMBOL , POLYUREA	646.494	-
							END OPTION DD		
				340000	340000	LF	TEMPORARY 4 INCH WHITE LINE , PAINT	646.602	1624
				324000	324000	LF	TEMPORARY 4 INCH YELLOW LINE , PAINT	646.612	1655
				570	570	LF	TEMPORARY 24 INCH STOP BAR , PAINT	646.682	5
				145	145	EA	TEMPORARY LETTER OR SYMBOL , PAINT	646.692	-
				3400	3400	EA	LINE STRIPING TARGETS	646.76	96

DETAILED SUMMARY OF QUANTITIES

[illegible]

DETAILED SUMMARY OF QUANTITIES

[illegible]

QUANTITY SHEET 3

**STATE OF VERMONT
AGENCY OF TRANSPORTATION**

SUMMARY OF ESTIMATED QUANTITIES:

[illegible]

DETAILED SUMMARY OF QUANTITIES

[illegible]

DETAILED SUMMARY OF QUANTITIES

[illegible]

STATE OF VERMONT												ITEM DETAIL SUMMARY SHEET 1													
AGENCY OF TRANSPORTATION																									
BEGIN STATION	END STATION	POS.	203.30 EARTH BORROW	204.20 TRENCH EXCAV. OF EARTH	204.22 TRENCH EXCAV. OF EARTH, EXP. (N.A.B.I.)	204.30 GRAN. BACKFILL FOR STRUCTURES	402.12 AGG. SHOULD.	601.0010 15" CSP .064 (2-2/3 X 1/2)	601.0015 18" CSP .064 (2-2/3 X 1/2)	604.412 REHAB. D. I. CLASS 1	613.10 STONE FILL, TYPE 1	619.17 YIELDING MARKER POSTS	621.20 STEEL BEAM G.R. GALV	621.205 STEEL BEAM G.R. GALV W/8FT POSTS	621.207 STEEL BEAM G.R. GALV/NEST W/8 FT POSTS	621.60 ANCHOR FOR S.B. GUARDRAIL	621.80 REMOVE & DISP. OF G.R.	649.31 GEOT. UNDER STONE FILL	651.35 TOPSOIL	651.40 GRUBBING MATERIAL	653.20 TEMP. EROSION MATTING	676.10 DELINE. WITH STEEL POSTS	676.12 REMOVAL OF EXIST. DELINE.	REMARKS	
			CY	CY	CY	CY	TON	LF	LF	EACH	CY	EACH	LF	LF	LF	EACH	LF	SY	CY	SY	SY	EACH	EACH		
MONTGOMERY																									
0+20	200+79.25	LT&RT			1		417.2			2		65							68.4						ESTIMATED QUANTITIES TO BE USED AS DIRECTED
																									BY RESIDENT ENGINEER
15+30	16+10	RT									12.2							54.3		23.2	54.3				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																									FOR SLOPE STABILIZATION
23+67	24+26	RT									18							67.1		44.2	67.1				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																									FOR SLOPE STABILIZATION
23+75	25+25	LT									34.7							137.3		79	137.3				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																									FOR SLOPE STABILIZATION
24+90.18	24+91.27	LT		1		1		3																	EXTEND EXISTING 15" CMP
28+02	28+23	RT									6.3							23.6		15.4	23.6				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																									FOR SLOPE STABILIZATION
35+03	36+47	RT									54.2							194.6		138.6	194.6				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																									FOR SLOPE STABILIZATION
36+83	37+44	RT									18.5							69		45.2	69				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																									FOR SLOPE STABILIZATION
37+54	38+75	RT									52.4							184.2		137.2	184.2				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																									FOR SLOPE STABILIZATION
37+95.28	37+95.40	RT		1		1		4.5																	EXTEND EXISTING 15" CMP
38+75	40+10	RT									42.9							158.8		106.3	158.8				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																									FOR SLOPE STABILIZATION
41+60	43+20	RT									39.5							154.0		91.8	154.0				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																									FOR SLOPE STABILIZATION
41+82	42+47	LT									23.1							94.8		69.5	94.8				SEE CROSS SECTIONS FOR STONE FILL PLACEMENT
44+60	44+80	RT									2.4							11.7		3.9	11.7				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																									FOR SLOPE STABILIZATION
45+35	46+25	LT									29.3							107.9		72.9	107.9				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																									FOR SLOPE STABILIZATION
45+80	46+53	RT									9.6							45.2		16.8	45.2				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																									FOR SLOPE STABILIZATION
46+71	47+60	RT									11.9							55.3		20.7	55.3				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																									FOR SLOPE STABILIZATION
49+80	50+90	RT									23.6							95.2		52.4	95.2				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																									FOR SLOPE STABILIZATION
54+40	55+10	LT									14.9							60.3		33.1	60.3				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																									FOR SLOPE STABILIZATION
59+50	59+75	RT									8.6							31.3		21.6	31.3				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																									FOR SLOPE STABILIZATION
60+20	60+70	RT									17							62		42.5	62				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																									FOR SLOPE STABILIZATION
60+90	61+45	RT									21.8							77.7		56.3	77.7				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																									FOR SLOPE STABILIZATION
62+85	64+40	RT									50.7							186.6		126.3	186.6				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																									FOR SLOPE STABILIZATION
67+85	69+40	RT									42.7							162.5		102.2	162.5				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																									FOR SLOPE STABILIZATION
SUBTOTAL			-	2	1	2	417.2	7.5	-	2	534.3	65	-	-	-	-	-	2033.4	68.4	1299.1	2033.4	-	-		
																					ITEM DETAIL SUMMARY SHEET 1		PROJECT NAME: MONTGOMERY-WESTFIELD		
																							PROJECT NUMBER: STP 2906(1)		
																							FILE NAME: p10CI90.dgn		
																							PLOT DATE: 9/5/12		
																							PROJECT LEADER: CDL		
																							DESIGNED BY: SJL		
																							CHECKED BY: CDL		
																							SHEET 14 OF 178		

ITEM DETAIL SUMMARY SHEET 2

ITEM DETAIL SUMMARY SHEET 2	PROJECT NAME: MONTGOMERY-WESTFIELD	
	PROJECT NUMBER: STP 2906(I)	
	FILE NAME: p\OC190.dgn	PLOT DATE: 9/5/12
	PROJECT LEADER: CDL	DRAWN BY: SJL
	DESIGNED BY: SJL	CHECKED BY: CDL
	PLOT FILE: p\OC190_15.1	SHEET 15 OF 178

STATE OF VERMONT												ITEM DETAIL SUMMARY SHEET 3												
AGENCY OF TRANSPORTATION																								
BEGIN STATION	END STATION	POS.	203.30 EARTH BORROW	204.20 TRENCH EXCAV. OF EARTH	204.22 TRENCH EXCAV. OF EARTH, EXP. (N. A. B. I.)	204.30 GRAN. BACKFILL FOR STRUCTURES	402.12 AGG. SHOULD.	601.0010 15" CSP .064 (2-2/3 X 1/2)	601.0015 18" CSP .064 (2-2/3 X 1/2)	604.412 REHAB. D. I. CLASS 1	613.10 STONE FILL, TYPE 1	619.17 YIELDING MARKER POSTS	621.20 STEEL BEAM G. R. GALV	621.205 STEEL BEAM G. R. GALV W/8FT POSTS	621.207 STEEL BEAM G. R. GALV/NEST W/8 FT POSTS	621.60 ANCHOR FOR S. B. GUARDRAIL	621.80 REMOVE & DISP. OF G. R.	649.31 GEOT. UNDER STONE FILL	651.35 TOPSOIL	651.40 GRUBBING MATERIAL	653.20 TEMP. EROSION MATTING	676.10 DELINE. WITH STEEL POSTS	676.12 REMOVAL OF EXIST. DELINE.	REMARKS
			CY	CY	CY	CY	TON	LF	LF	EACH	CY	EACH	LF	LF	LF	EACH	LF	SY	CY	SY	SY	EACH	EACH	
135+55	135+75	LT									6.0							22.4		14.7	22.4			PLACE STONE FILL ON SLOPES GREATER THAN 1:2 FOR SLOPE STABILIZATION
136+30	136+60	LT									7.5							29.3		17.6	29.3			PLACE STONE FILL ON SLOPES GREATER THAN 1:2 FOR SLOPE STABILIZATION
140+45	141+25	RT									25.6							94.7		63.6	94.7			PLACE STONE FILL ON SLOPES GREATER THAN 1:2 FOR SLOPE STABILIZATION
142+45	146+10	RT									126							459.2		317.3	459.2			PLACE STONE FILL ON SLOPES GREATER THAN 1:2 FOR SLOPE STABILIZATION
145+75	145+95	LT									2.3							11.3		3.5	11.3			PLACE STONE FILL ON SLOPES GREATER THAN 1:2 FOR SLOPE STABILIZATION
151+80	153+10	LT									37							139.8		89.2	139.8			PLACE STONE FILL ON SLOPES GREATER THAN 1:2 FOR SLOPE STABILIZATION
161+65	161+80	RT									4.7							17.3		11.5	17.3			PLACE STONE FILL ON SLOPES GREATER THAN 1:2 FOR SLOPE STABILIZATION
164+63	164+82	RT									3.0							13.2		5.8	13.2			PLACE STONE FILL ON SLOPES GREATER THAN 1:2 FOR SLOPE STABILIZATION
167+90	168+55	RT									27.1							95.9		70.6	95.9			PLACE STONE FILL ON SLOPES GREATER THAN 1:2 FOR SLOPE STABILIZATION
183+52	183+80	RT									5.2							23.8		13.0	23.8			PLACE STONE FILL ON SLOPES GREATER THAN 1:2 FOR SLOPE STABILIZATION
188+00	188+20	LT									5.6							21.2		13.4	21.2			PLACE STONE FILL ON SLOPES GREATER THAN 1:2 FOR SLOPE STABILIZATION
188+00	188+60	RT									20.2							73.9		50.6	73.9			PLACE STONE FILL ON SLOPES GREATER THAN 1:2 FOR SLOPE STABILIZATION
189+00	189+25	RT									4.1							17.8		8.1	17.8			PLACE STONE FILL ON SLOPES GREATER THAN 1:2 FOR SLOPE STABILIZATION
WESTFIELD																								
A 0+00	A 138+65	LT&RT					284.5					56							47.3					
A 3+95	A 5+40	LT									47.3							174.1		117.7	174.1			PLACE STONE FILL ON SLOPES GREATER THAN 1:2 FOR SLOPE STABILIZATION
A 11+10	A 12+25	LT									40.3							146.5		101.8	146.5			PLACE STONE FILL ON SLOPES GREATER THAN 1:2 FOR SLOPE STABILIZATION
A 12+25	A 14+30	LT									73.5							266		186.3	266			PLACE STONE FILL ON SLOPES GREATER THAN 1:2 FOR SLOPE STABILIZATION
A 15+55	A 16+50	LT									20.8							83.6		46.6	83.6			PLACE STONE FILL ON SLOPES GREATER THAN 1:2 FOR SLOPE STABILIZATION
A 36+05	A 38+30	RT	25										229			2	225		10		50	2	2	INSTALL 12'-6" LONG, 16' RADIUS WITH ANCHOR AT STA. A 36+05 AND STA. A 38+30
A 36+05	A 38+05	LT	25											204		2	200		10		50	2	2	INSTALL 12'-6" LONG, 16' RADIUS WITH ANCHOR AT STA. A 36+05 AND STA. A 38+05
A 40+10	A 40+25	RT									2.1							9.7		3.8	9.7			PLACE STONE FILL ON SLOPES GREATER THAN 1:2 FOR SLOPE STABILIZATION
A 40+25	A 41+25	RT									36.6							131.9		93	131.9			PLACE STONE FILL ON SLOPES GREATER THAN 1:2 FOR SLOPE STABILIZATION
SUBTOTAL			50	-	-	-	284.5	-	-	-	494.9	56	229	204	-	4	425	1831.6	67.3	1228.1	1931.6	4	4	
																					ITEM DETAIL SUMMARY SHEET 3		PROJECT NAME: MONTGOMERY-WESTFIELD	
																							PROJECT NUMBER: STP 2906(1)	
																							FILE NAME: p10CI90.dgn	
																							PLOT DATE: 9/5/12	
																							PROJECT LEADER: CDL	
																							DESIGNED BY: SJL	
																							CHECKED BY: CDL	
																							PLOT FILE: p10CI90_16.1	
																							SHEET 16 OF 178	

STATE OF VERMONT AGENCY OF TRANSPORTATION										ITEM DETAIL SUMMARY SHEET 4														
BEGIN STATION	END STATION	POS.	203.30 EARTH BORROW	204.20 TRENCH EXCAV. OF EARTH	204.22 TRENCH EXCAV. OF EARTH, EXP. (N.A.B.I.)	204.30 GRAN. BACKFILL FOR STRUCTURES	402.12 AGG. SHOULD.	601.0010 15" CSP .064 (2-2/3 X 1/2)	601.0015 18" CSP .064 (2-2/3 X 1/2)	604.412 REHAB. D.I. CLASS I	613.10 STONE FILL, TYPE I	519.17 YIELDING MARKER POSTS	621.20 STEEL BEAM G.R. GALV	621.205 STEEL BEAM G.R. GALV W/8FT POSTS	621.207 STEEL BEAM G.R. GALV/NEST W/8 FT POSTS	621.60 ANCHOR FOR S.B. GUARDRAIL	621.80 REMOVE & DISP. OF G.R.	649.31 GEOT. UNDER STONE FILL	651.35 TOPSOIL	651.40 GRUBBING MATERIAL	653.20 TEMP. EROSION MATTING	676.10 DELINE. WITH STEEL POSTS	676.12 REMOVAL OF EXIST. DELINE.	REMARKS
			CY	CY	CY	CY	TON	LF	LF	EACH	CY	EACH	LF	LF	LF	EACH	LF	SY	CY	SY	SY	EACH	EACH	
A 41+25	A 42+50	LT									44.7							161.7		113.1	161.7			PLACE STONE FILL ON SLOPES GREATER THAN 1:2 FOR SLOPE STABILIZATION
A 46+70	A 47+30	RT									15.6							60.2		36.9	60.2			PLACE STONE FILL ON SLOPES GREATER THAN 1:2 FOR SLOPE STABILIZATION
A 47+00	A 47+25	LT									4.6							19.4		9.7	19.4			PLACE STONE FILL ON SLOPES GREATER THAN 1:2 FOR SLOPE STABILIZATION
A 51+25	A 51+75	LT									17.9							64.7		45.3	64.7			PLACE STONE FILL ON SLOPES GREATER THAN 1:2 FOR SLOPE STABILIZATION
A 54+20	A 55+05	RT									13.7							60.1		27	60.1			PLACE STONE FILL ON SLOPES GREATER THAN 1:2 FOR SLOPE STABILIZATION
A 55+45	A 56+35	LT									10.6							51.9		16.9	51.9			PLACE STONE FILL ON SLOPES GREATER THAN 1:2 FOR SLOPE STABILIZATION
A 56+50	A 57+25	RT									25							91.6		62.5	91.6			PLACE STONE FILL ON SLOPES GREATER THAN 1:2 FOR SLOPE STABILIZATION
A 57+25	A 57+70	RT									53.6							55.3		37.8	55.3			PLACE STONE FILL ON SLOPES GREATER THAN 1:2 FOR SLOPE STABILIZATION
A 58+00	A 58+70	RT									15.1							60.9		33.7	60.9			PLACE STONE FILL ON SLOPES GREATER THAN 1:2 FOR SLOPE STABILIZATION
A 58+60	A 58+95	LT									7.5							30.4		16.8	30.4			PLACE STONE FILL ON SLOPES GREATER THAN 1:2 FOR SLOPE STABILIZATION
A 61+60	A 66+10	RT	25											454		2	450		10		50	2	2	INSTALL 12'-6" LONG, 16' RADIUS WITH ANCHOR AT STA. A 61+60 AND STA. A 66+10
A 61+75	A 65+75	LT	25										227	177		2	400		10		50	2	2	INSTALL 12'-6" LONG, 16' RADIUS WITH ANCHOR AT STA. A 61+75 AND STA. A 65+75
A 62+50	A 62+75	RT									4.3							18.3		8.6	18.3			PLACE STONE FILL ON SLOPES GREATER THAN 1:2 FOR SLOPE STABILIZATION
A 62+75	A 65+70	RT									77.4							297.8		183.1	297.8			PLACE STONE FILL ON SLOPES GREATER THAN 1:2 FOR SLOPE STABILIZATION
A 66+75	A 68+25	RT									67.3							235.1		176.8	235.1			PLACE STONE FILL ON SLOPES GREATER THAN 1:2 FOR SLOPE STABILIZATION
A 68+25	A 69+95	RT									60.6							219.5		153.4	219.5			PLACE STONE FILL ON SLOPES GREATER THAN 1:2 FOR SLOPE STABILIZATION
A 70+75	A 71+20	RT									12.5							47.5		30	47.5			PLACE STONE FILL ON SLOPES GREATER THAN 1:2 FOR SLOPE STABILIZATION
A 72+85	A 78+10	RT	25											504	25	2	525		10		50	2	2	INSTALL 12'-6" LONG, 16' RADIUS WITH ANCHOR AT STA. A 72+85 AND STA. A 78+10
A 73+65	A 80+90	LT	25											704	25	2	725		10		50	2	2	INSTALL 12'-6" LONG, 16' RADIUS WITH ANCHOR AT STA. A 73+65 AND STA. A 80+90
A 74+55	A 75+40	LT									28.7							105		72	105			PLACE STONE FILL ON SLOPES GREATER THAN 1:2 FOR SLOPE STABILIZATION
A 75+60	A 75+80	RT									3.4							14.5		6.7	14.5			PLACE STONE FILL ON SLOPES GREATER THAN 1:2 FOR SLOPE STABILIZATION
A 75+75	A 79+25	LT									98							371.8		235.6	371.8			PLACE STONE FILL ON SLOPES GREATER THAN 1:2 FOR SLOPE STABILIZATION
A 77+10	A 77+30	RT									2.9							13		5.3	13			PLACE STONE FILL ON SLOPES GREATER THAN 1:2 FOR SLOPE STABILIZATION
SUBTOTAL			100	-	-	-	-	-	-	-	563.4	-	227	1839	50	8	2100	1978.7	40	1271.2	2178.7	8	8	
																					ITEM DETAIL SUMMARY SHEET 4		PROJECT NAME: MONTGOMERY-WESTFIELD	
																							PROJECT NUMBER: STP 2906(1)	
																					FILE NAME: p10CI90.dgn		PLOT DATE: 9/5/12	
																					PROJECT LEADER: CDL		DRAWN BY: SJL	
																					DESIGNED BY: SJL		CHECKED BY: CDL	
																					PLOT FILE: p10CI90_17.1		SHEET 17 OF 178	

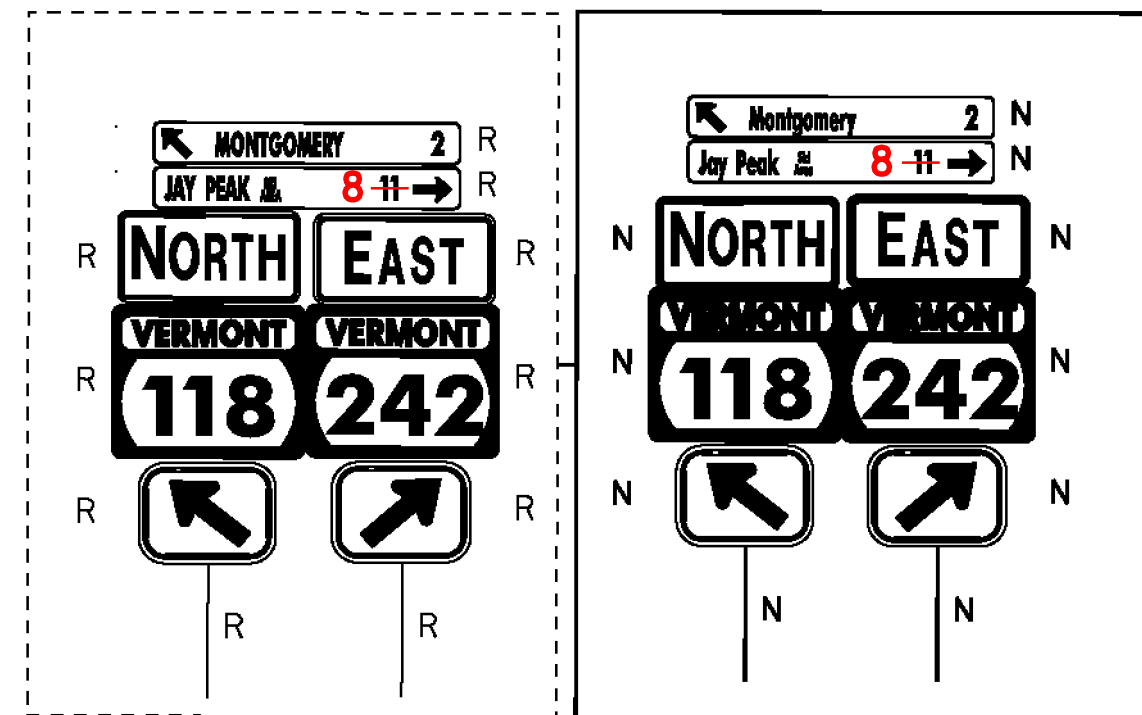
STATE OF VERMONT										ITEM DETAIL SUMMARY SHEET 5																		
AGENCY OF TRANSPORTATION																												
BEGIN STATION	END STATION	POS.	203.30 EARTH BORROW	204.20 TRENCH EXCAV. OF EARTH	204.22 TRENCH EXCAV. OF EARTH, EXP. (N.A.B.I.)	204.30 GRAN. BACKFILL FOR STRUCTURES	402.12 AGG. SHOULD.	601.0010 15" CSP .064 (2-2/3 X 1/2)	601.0015 18" CSP .064 (2-2/3 X 1/2)	604.412 REHAB. D. I. CLASS I	613.10 STONE FILL, TYPE I	619.17 YIELDING MARKER POSTS	621.20 STEEL BEAM G.R. GALV	621.205 STEEL BEAM G.R. GALV W/8FT POSTS	621.207 STEEL BEAM G.R. GALV/NEST W/8 FT POSTS	621.60 ANCHOR FOR S.B. GUARDRAIL	621.80 REMOVE & DISP. OF G.R.	649.31 GEOT. UNDER STONE FILL	651.35 TOPSOIL	651.40 GRUBBING MATERIAL	653.20 TEMP. EROSION MATTING	676.10 DELINE. WITH STEEL POSTS	676.12 REMOVAL OF EXIST. DELINE.	REMARKS				
			CY	CY	CY	CY	TON	LF	LF	EACH	CY	EACH	LF	LF	LF	EACH	LF	SY	CY	SY	SY	EACH	EACH					
A 79+25	A 80+30	LT									12.9							61.9		21.1	61.9			PLACE STONE FILL ON SLOPES GREATER THAN 1:2				
																								FOR SLOPE STABILIZATION				
A 79+50		LT									26.1							46.7		37	46.7			REPAIR ERODED AREA				
A 81+80	A 84+75	RT									59.1							242.9		128.2	242.9			PLACE STONE FILL ON SLOPES GREATER THAN 1:2				
																								FOR SLOPE STABILIZATION				
A 84+75	A 85+10	RT									8.5							33.3		19.7	33.3			PLACE STONE FILL ON SLOPES GREATER THAN 1:2				
																								FOR SLOPE STABILIZATION				
A 85+60	A 86+65	RT									36.1							131.6		90.8	131.6			PLACE STONE FILL ON SLOPES GREATER THAN 1:2				
																								FOR SLOPE STABILIZATION				
A 88+80	A 90+50	LT									54.7							202		135.9	202			PLACE STONE FILL ON SLOPES GREATER THAN 1:2				
																								FOR SLOPE STABILIZATION				
A 90+50	A 90+75	LT									5.1							20.8		11.1	20.8			PLACE STONE FILL ON SLOPES GREATER THAN 1:2				
																								FOR SLOPE STABILIZATION				
A 91+10	A 92+60	RT									47.3							175.3		116.9	175.3			PLACE STONE FILL ON SLOPES GREATER THAN 1:2				
																								FOR SLOPE STABILIZATION				
A 91+90	A 92+30	LT									7.4							31		15.4	31			PLACE STONE FILL ON SLOPES GREATER THAN 1:2				
																								FOR SLOPE STABILIZATION				
A 93+05	A 93+50	RT									7							31.1		13.6	31.1			PLACE STONE FILL ON SLOPES GREATER THAN 1:2				
																								FOR SLOPE STABILIZATION				
A 98+75	A 99+00	RT									4.5							19		9.3	19			PLACE STONE FILL ON SLOPES GREATER THAN 1:2				
																								FOR SLOPE STABILIZATION				
A 100+35	A 102+85	LT	25										254			2	250		10		50	2	2	INSTALL 12'-6" LONG, 16' RADIUS WITH ANCHOR AT STA. A 100+35 AND STA. 102+85				
																								PLACE STONE FILL ON SLOPES GREATER THAN 1:2				
A 101+30	A 101+75	LT									8.1							34.3		16.8	34.3			FOR SLOPE STABILIZATION				
																								FOR SLOPE STABILIZATION				
A 101+75	A 102+50	LT									12.3							53.7		24.5	53.7			PLACE STONE FILL ON SLOPES GREATER THAN 1:2				
																								FOR SLOPE STABILIZATION				
A 106+90	A 107+50	LT									21.4							77.6		54.3	77.6			PLACE STONE FILL ON SLOPES GREATER THAN 1:2				
																								FOR SLOPE STABILIZATION				
A 107+50	A 108+00	LT									11.5							45.7		26.3	45.7			PLACE STONE FILL ON SLOPES GREATER THAN 1:2				
																								FOR SLOPE STABILIZATION				
A 108+95	A 109+65	RT									13.2							55.2		28	55.2			PLACE STONE FILL ON SLOPES GREATER THAN 1:2				
																								FOR SLOPE STABILIZATION				
A 109+45	A 111+05	LT									61.2							219.1		156.9	219.1			PLACE STONE FILL ON SLOPES GREATER THAN 1:2				
																								FOR SLOPE STABILIZATION				
A 112+60	A 113+25	RT									8							38.3		13	38.3			PLACE STONE FILL ON SLOPES GREATER THAN 1:2				
																								FOR SLOPE STABILIZATION				
A 113+25	A 114+35	RT									16.1							72.9		30.1	72.9			PLACE STONE FILL ON SLOPES GREATER THAN 1:2				
																								FOR SLOPE STABILIZATION				
A 114+70	A 116+00	RT									29.1							116.1		65.6	116.1			PLACE STONE FILL ON SLOPES GREATER THAN 1:2				
																								FOR SLOPE STABILIZATION				
A 117+03	A 117+40	RT									5.8							25.9		11.5	27.4			PLACE STONE FILL ON SLOPES GREATER THAN 1:2				
																								FOR SLOPE STABILIZATION				
A 118+00	A 118+40	RT									8							32.9		17.3	32.9			PLACE STONE FILL ON SLOPES GREATER THAN 1:2				
																								FOR SLOPE STABILIZATION				
A 119+95	A 121+30	LT									42.5							157.4		104.9	157.4			PLACE STONE FILL ON SLOPES GREATER THAN 1:2				
																								FOR SLOPE STABILIZATION				
SUBTOTAL			25	-	-	-	-	-	-	-	505.9	-	254	-	-	2	250	1924.7	10	1148.2	1974.7	2	2					
																					ITEM DETAIL SUMMARY SHEET 5		PROJECT NAME: MONTGOMERY-WESTFIELD					
																							PROJECT NUMBER: STP 2906(1)					
																					FILE NAME: p10CI90.dgn				PLOT DATE: 9/5/12			
																					PROJECT LEADER: CDL				DRAWN BY: JBG			
																					DESIGNED BY: SJL				CHECKED BY: CDL			
																					PLOT FILE: p10CI90_18A.1				SHEET 18A OF 178			

ITEM DETAIL SUMMARY SHEET 6

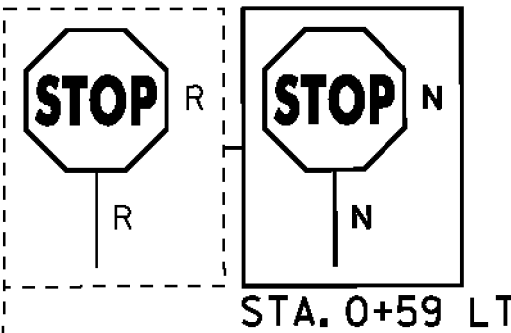
[illegible]

DETAILS ARE NOT TO SCALE

SHEET 19 OF 178



STA. 0+53 LT



DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. 0+20 - STA. 5+25 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. 0+33 - STA. 5+25 (SOLID LT & RT)

DURABLE 24 INCH STOP BAR (SEE OPTION ITEMS)
STA. 0+33 LT

DURABLE LETTER OF SYMBOL (SEE OPTION ITEMS)
STA. 0+42 LT "STOP"

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 0+20 - STA. 5+25 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 0+33 - STA. 5+25 (SOLID LT & RT)

TEMPORARY 24 INCH STOP BAR, PAINT
STA. 0+33 LT

TEMPORARY LETTER OF SYMBOL, PAINT
STA. 0+42 LT "STOP"

REHAB. DROP INLET, CATCH BASINS,
OR MANHOLES, CLASS I

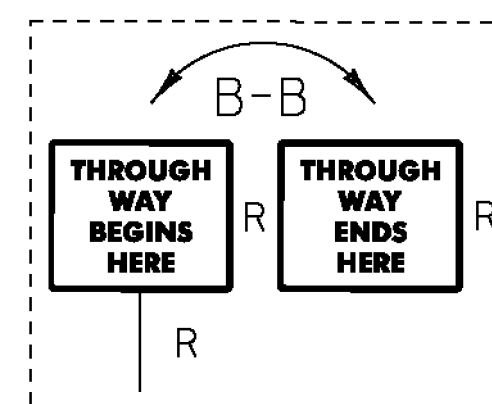
STA. 0+57 RT
STA. 3+58 RT

6 INCH UNDERDRAIN PIPE
STA. 3+15 LT - STA. 3+67 RT
3+ 67 RT
3+ 75 LT

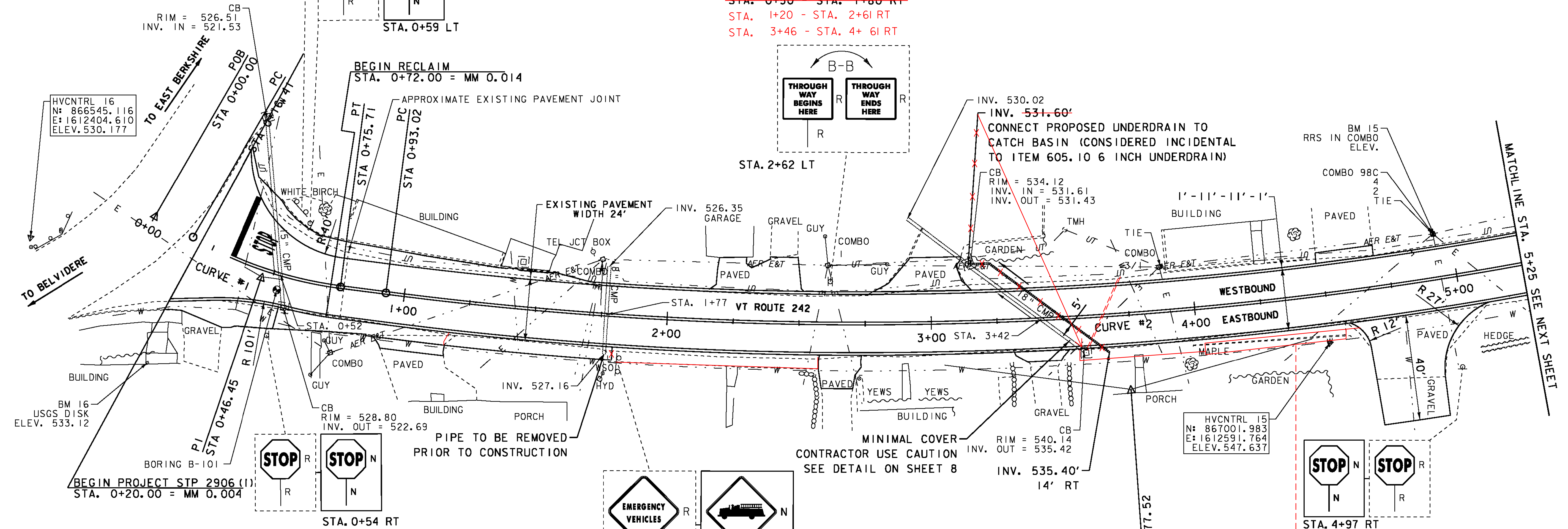
REMOVING SIGNS
AS SHOWN - 14

BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS

STA. 0+50 - STA. 1+80 RT
STA. 1+20 - STA. 2+61 RT
STA. 3+46 - STA. 4+ 61 RT



STA. 2+62 LT



SEE ATTACHED RETAINING WALL PLANS
SEE COD #2

SEH
2-20-14

- LEGEND**
- MAILBOX
 - BORING
 - SIGN
 - HYDRANT
 - MANHOLE
 - WATER SHUT OFF (WSO)
 - GAS PIPELINE MARKER
 - CATCH BASIN / DROP INLET
 - CURB INLET
 - TRAFFIC CONTROL BOX
 - PARKING METER
 - UTILITY POLE

- SIGN LEGEND**
- R = REMOVE
 - R&S = REMOVE AND SALVAGE
 - RET = RETAIN
 - S = SALVAGED
 - N = NEW
 - B-B = BACK TO BACK
 - = EXISTING
 - = NEW

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

CURVE #2
DELTA = 22°58'26"
D = 4°05'33"
R = 1400.00'
T = 284.50'
L = 561.36'
E = 28.62'
DESIGN SPEED 30 MPH
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION

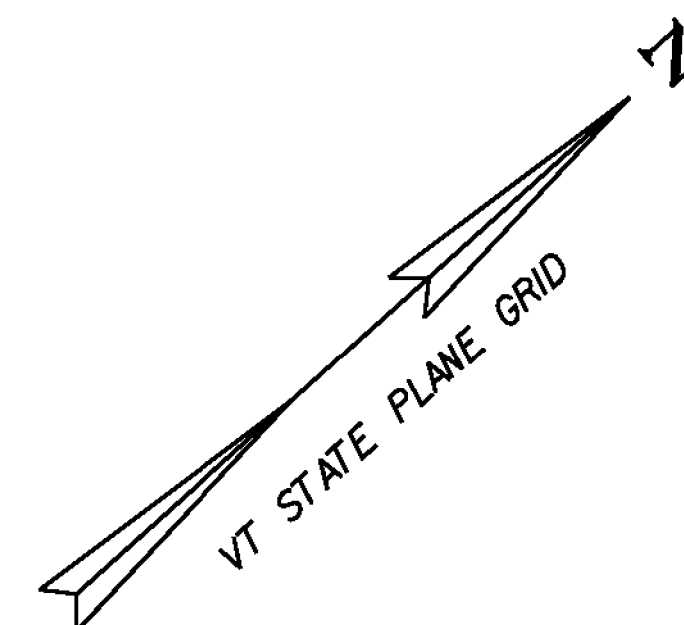
SCALE IN FEET
20 0 20

**PROJECT
LAYOUT
SHEET 1**

PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(I)

FILE NAME: p10C190.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C190_22.1

PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 22 OF 178



DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. 11+25 - STA. 16+75 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. 11+25 - STA. 16+75 (SOLID LT & RT)

BARRIER FENCE

STA. 14+23 - STA. 15+60 LT
STA. 14+33 - STA. 16+12 RT

EROSION LOG

STA. 14+23 - STA. 15+60 LT
STA. 14+33 - STA. 16+12 RT

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 11+25 - STA. 16+75 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 11+25 - STA. 16+75 (SOLID LT & RT)

STONE FILL, TYPE 1

STA. 15+30 - STA. 16+10 RT

GRUBBING MATERIAL

STA. 15+30 - STA. 16+10 RT

GEOTEXTILE UNDER STONE FILL

STA. 15+30 - STA. 16+10 RT

GEOTEXTILE FOR SILT FENCE

STA. 15+30 - STA. 16+10 RT

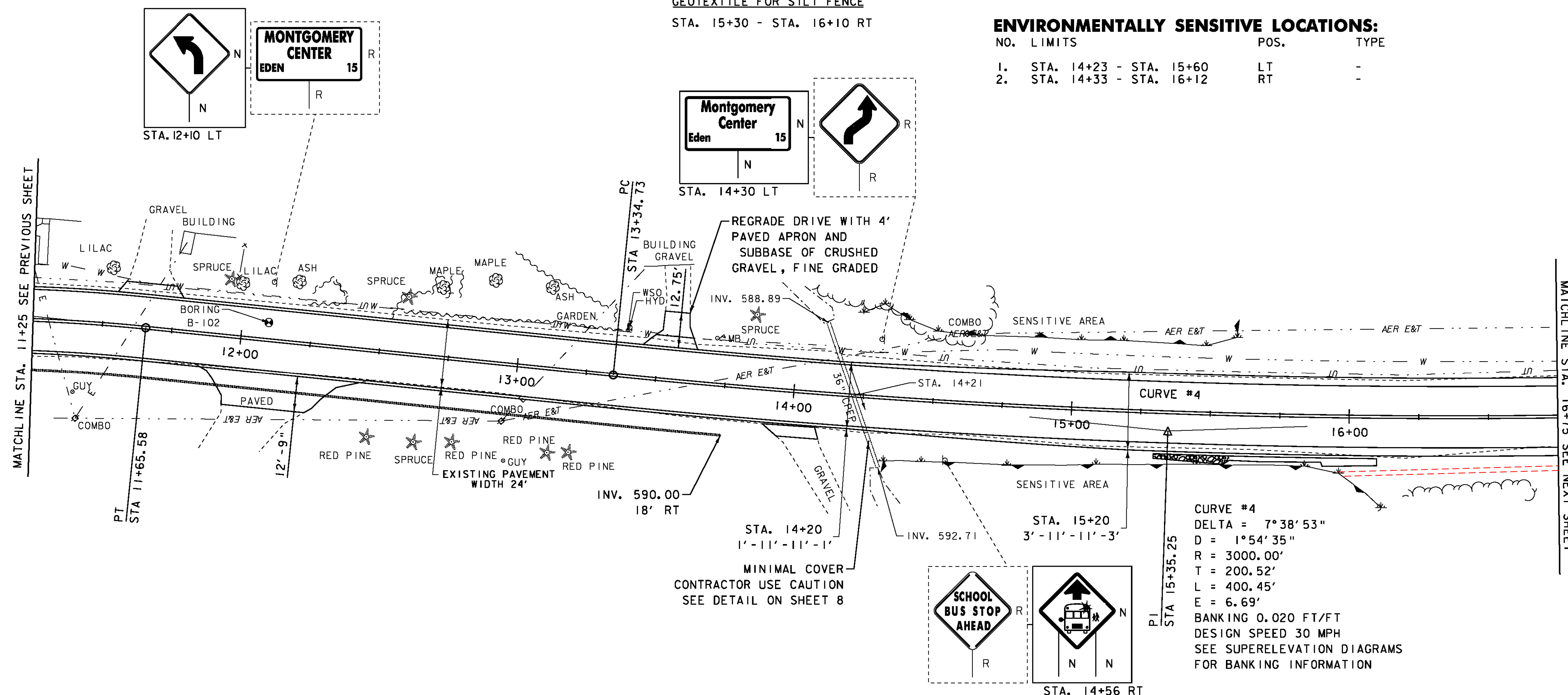
6 INCH UNDERDRAIN PIPE
STA. 11+25 - STA. 13+75 RT
STA. 15+98 - STA. 16+75 RT

RELOCATE MAILBOX, SINGLE SUPPORT
STA. 13+70 LT

REMOVING SIGNS
AS SHOWN - 3

ENVIRONMENTALLY SENSITIVE LOCATIONS:

NO.	LIMITS	POS.	TYPE
1.	STA. 14+23 - STA. 15+60	LT	-
2.	STA. 14+33 - STA. 16+12	RT	-



SIGN LEGEND

R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGED
N = NEW
B-B = BACK TO BACK
--- = EXISTING
— = NEW

SCALE IN FEET
0 20

**PROJECT
LAYOUT
SHEET 3**

PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(1)

FILE NAME: p10C190.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C190_24.1

PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 24 OF 178

SEH
2-25-14

STA. 16+75 - STA. 22+25 (SOLID LT & RT)
(WITH EDGELINE BREAKS AT TH #14)
STA. 21+32 LT (EDGELINES TH #14)

STA. 16+75 - STA. 22+25 (SOLID LT & RT)
(WITH CENTERLINE BREAKS AT TH #14)
STA. 21+32 LT (CENTERLINE TH #14)

STA. 21+13 - STA. 21+34 LT (TH#14)

STA. 21+28 LT "STOP" (TH#14)

STA. 16+75 - STA. 22+25 (SOLID LT & RT)
(WITH EDGELINE BREAKS AT TH #14)
STA. 21+32 LT (EDGELINES TH#14)

STA. 16+75 - STA. 22+25 (SOLID LT & RT)
(WITH CENTERLINE BREAKS AT TH #14)
STA. 21+32 LT (CENTERLINE TH #14)

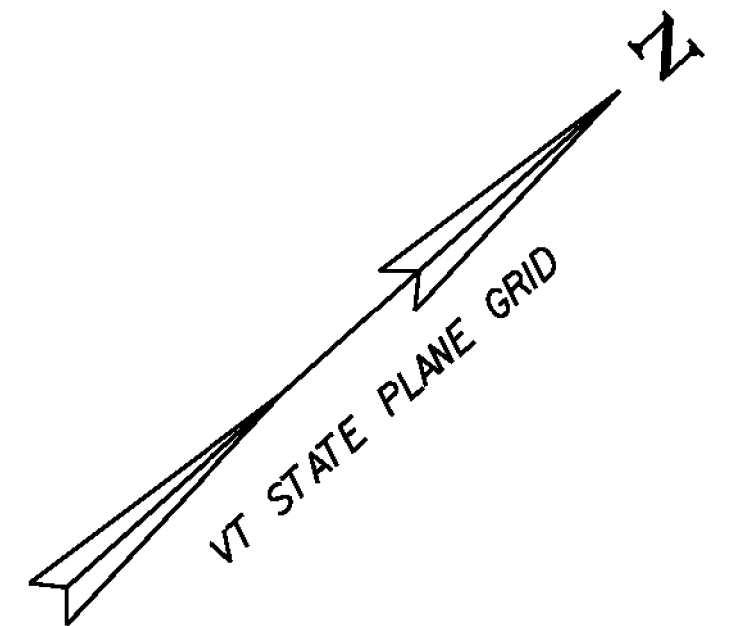
STA. 21+13 - STA. 21+34 LT (TH#14)

STA. 21+28 LT "STOP" (TH#14)

AS SHOWN - 5

STA. 17+87 LT

6" UNDERDRAIN PIPE
STA. 16+75 - 17+68 RT



CURVE #5
DELTA = 53°47'49"
D = 13°38'31" (1) D = 2°51'53" (2)
R = 420.00' (1) R = 2000.00' (2)
T = 225.71' (1) T = 384.89' (2)
L = 346.59' (1) L = 227.45' (2)
E = 56.81'
BANKING 0.080 FT/FT. 0.080 FT/FT
DESIGN SPEED 30 MPH, 40 MPH
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION

PURRIER FARM RD

TH #14
MM 0.404
STA. 21+32

PI
STA 21+90.04

BM13
N BOLT OF HYD
ELEV. 659.84

CURVE #5

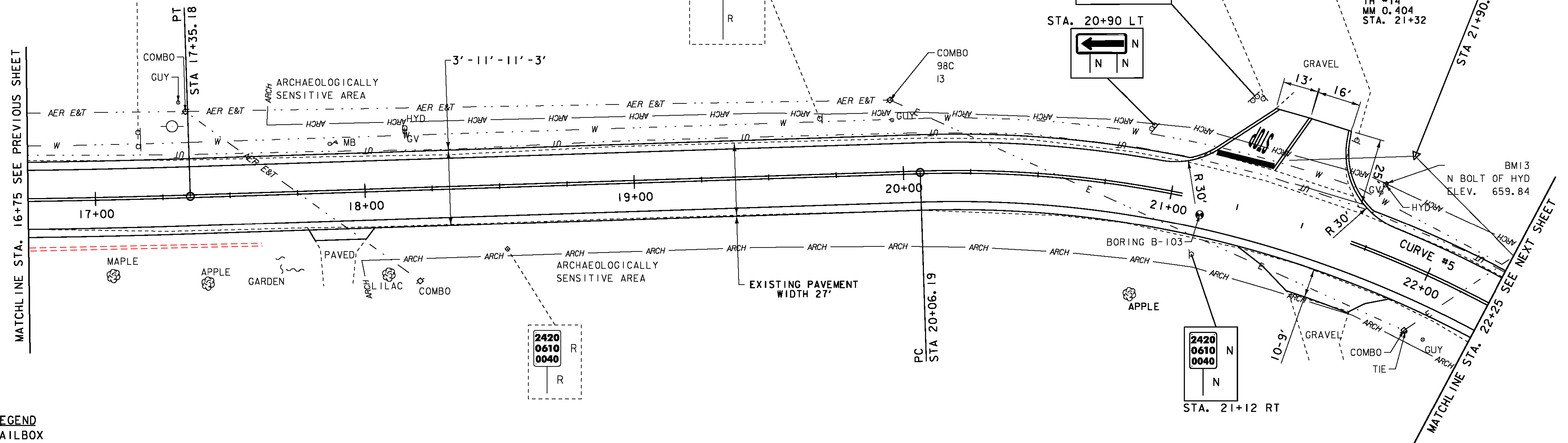
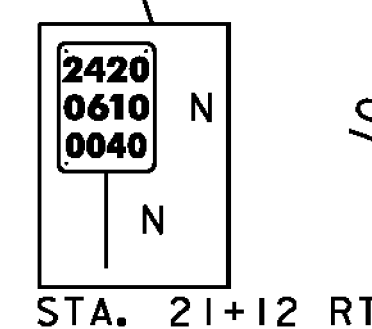
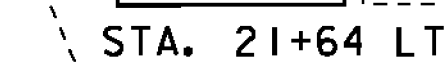
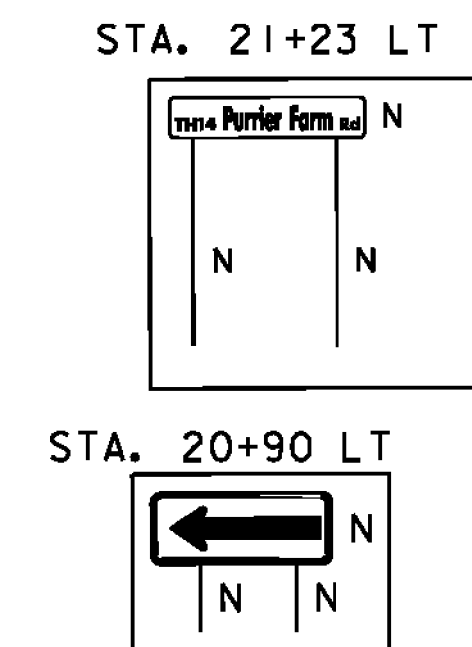
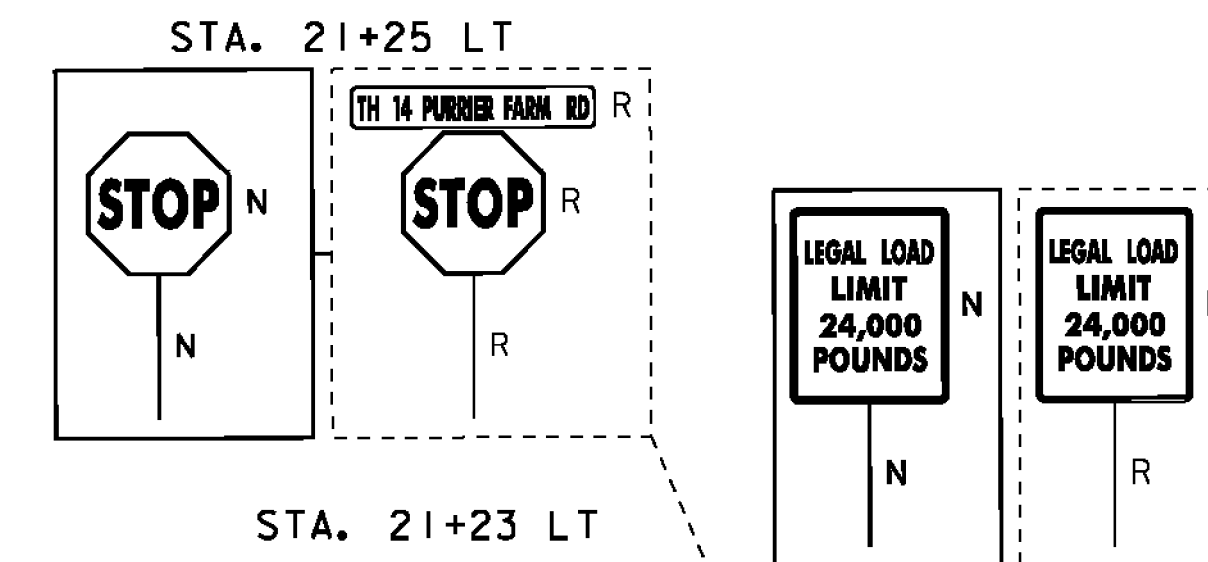
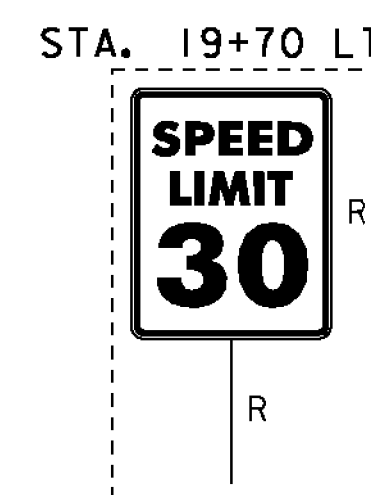
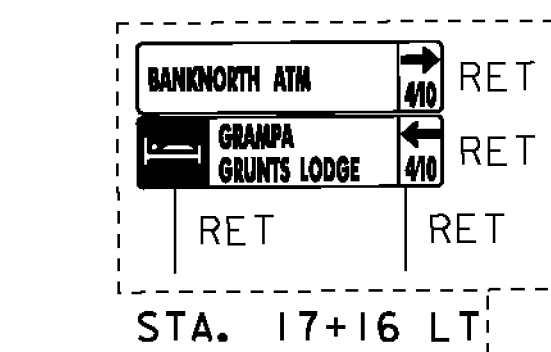
22+00

MATCHLINE STA. 22+25 SEE NEXT SHEET

ARCH

GUY ARCH

COMBO TIE



- | | |
|---|--------------------------|
|  | LEGEND |
|  | MAILBOX |
|  | BORING |
|  | SIGN |
|  | HYDRANT |
|  | MANHOLE |
|  | WATER SHUT OFF (WSO) |
|  | GAS PIPELINE MARKER |
|  | CATCH BASIN / DROP INLET |
|  | CURB INLET |
|  | TRAFFIC CONTROL BOX |
|  | PARKING METER |
|  | UTILITY POLE |

SIGN LEGEND

```
R      = REMOVE
R&S   = REMOVE AND SALVAGE
RET    = RETAIN
S      = SALVAGED
N      = NEW
B-B    = BACK TO BACK
---    = EXISTING
_____ = NEW
```

DATUM	NAVD 88
	NAD 83

PROJECT LAYOUT SHEET 4

PROJECT NAME:	MONTGOMERY-WESTFIELD
PROJECT NUMBER:	STP 2906(I)

FILE NAME: p10CI90.dgn	PLOT DATE: 9/5/12
PROJECT LEADER: CDL	DRAWN BY: SJL
DESIGNED BY: SJL	CHECKED BY: EPD
PLOT FILE: p10CI90_25.l	SHEET 25 OF 178

EH
-20-14

SCALE IN FEET

20 0 20

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. 22+25 - STA. 27+50 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. 22+25 - STA. 27+50 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 22+25 - STA. 27+50 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 22+25 - STA. 27+50 (SOLID LT & RT)

6 INCH UNDERDRAIN PIPE
STA. ~~26+00~~ - STA. ~~27+50~~ RT
24+26 27+46

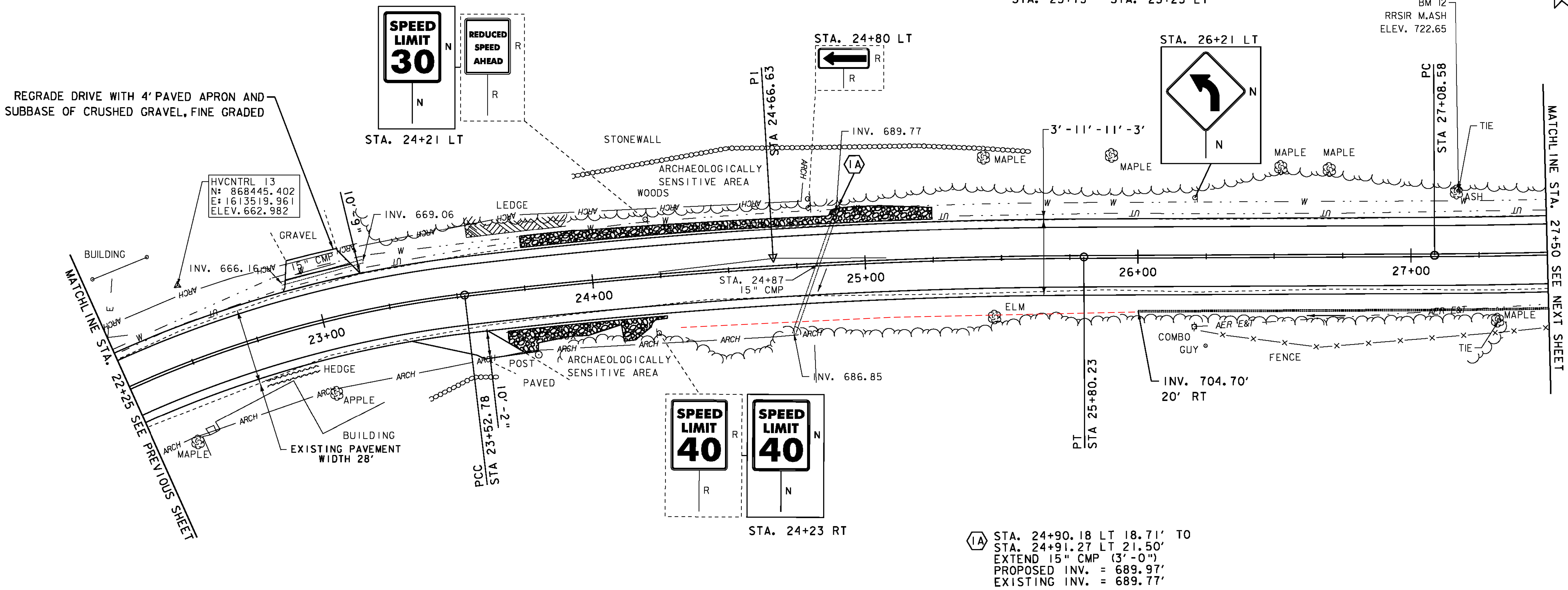
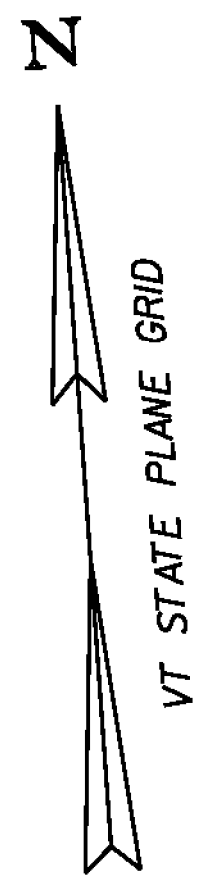
REMOVING SIGNS
AS SHOWN - 3

STONE FILL, TYPE I
STA. 23+67 - STA. 24+26 RT
STA. 23+75 - STA. 25+25 LT

GRUBBING MATERIAL
STA. 23+67 - STA. 24+26 RT
STA. 23+75 - STA. 25+25 LT

GEOTEXTILE UNDER STONE FILL
STA. 23+67 - STA. 24+26 RT
STA. 23+75 - STA. 25+25 LT

GEOTEXTILE FOR SILT FENCE
STA. 23+67 - STA. 24+26 RT
STA. 23+75 - STA. 25+25 LT



- LEGEND**
- MAILBOX
 - BORING
 - SIGN
 - HYDRANT
 - MANHOLE
 - WATER SHUT OFF (WSO)
 - GAS PIPELINE MARKER
 - CATCH BASIN / DROP INLET
 - CURB INLET
 - TRAFFIC CONTROL BOX
 - PARKING METER
 - UTILITY POLE

- SIGN LEGEND**
- R = REMOVE
 - R&S = REMOVE AND SALVAGE
 - RET = RETAIN
 - S = SALVAGED
 - N = NEW
 - B-B = BACK TO BACK
 - = EXISTING
 - = NEW

DATUM
NAVD 88
NAD 83

SCALE IN FEET
20 0 20

PROJECT LAYOUT SHEET 5

PROJECT NAME:	MONTGOMERY-WESTFIELD
PROJECT NUMBER:	STP 2906(1)
FILE NAME:	p10C190.dgn
PROJECT LEADER:	CDL
DESIGNED BY:	SJL
PLOT FILE:	p10C190_26.1
PLOT DATE:	9/5/12
DRAWN BY:	SJL
CHECKED BY:	EPD
SHEET	26 OF 178

SEH
2-20-14

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. 27+50 - STA. 33+25 (SOLID LT & RT)
(WITH EDGE LINE BREAKS AT TH #5)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. 27+50 - STA. 33+25 (SOLID LT & RT)
(WITH CENTERLINE BREAKS AT TH #5)

STONE FILL, TYPE I

STA. 28+02 - STA. 28+23 RT

GRUBBING MATERIAL

STA. 28+02 - STA. 28+23 RT

GEOTEXTILE UNDER STONE FILL

STA. 28+02 - STA. 28+23 RT

GEOTEXTILE FOR SILT FENCE

STA. 28+02 - STA. 28+23 RT

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 27+50 - STA. 33+25 (SOLID LT & RT)
(WITH EDGE LINE BREAKS AT TH #5)

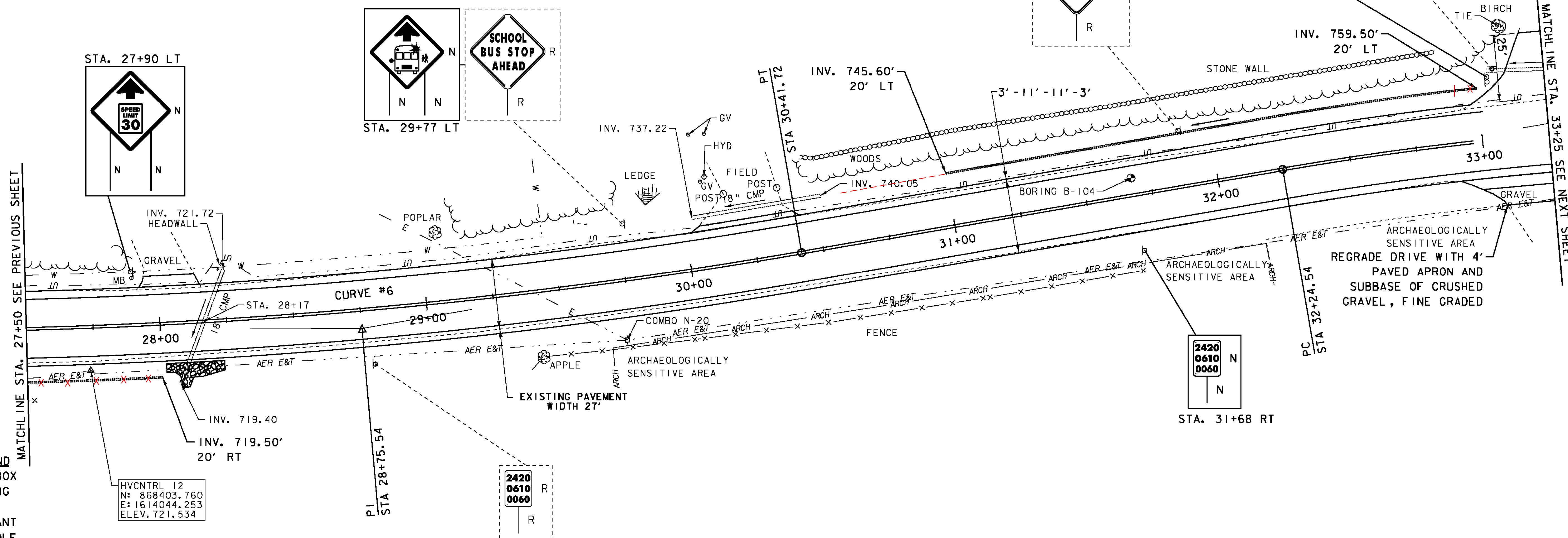
TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 27+50 - STA. 33+25 (SOLID LT & RT)
(WITH CENTERLINE BREAKS AT TH #5)

6 INCH UNDERDRAIN PIPE

~~STA. 27+50 - STA. 28+00 RT~~
~~STA. 31+00 - STA. 33+00 LT~~
30+62 32+82

RELOCATE MAILBOX, SINGLE SUPPORT
STA. 27+90 LT

REMOVING SIGNS
AS SHOWN - 6



LEGEND

MAILBOX
BORING
SIGN
HYDRANT
MANHOLE
WATER SHUT OFF (WSO)
GAS PIPELINE MARKER
CATCH BASIN / DROP INLET
CURB INLET
TRAFFIC CONTROL BOX
PARKING METER
UTILITY POLE

SIGN LEGEND

R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGED
N = NEW
B-B = BACK TO BACK
--- = EXISTING
— = NEW

CURVE #6

DELTA = 9°32'38"
D = 2°51'53"
R = 2000.00'
T = 166.96'
L = 333.14'
E = 6.96'
BANKING 0.036 FT/FT
DESIGN SPEED 40 MPH
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION

DATUM

NAVD 88
NAD 83

PROJECT
LAYOUT
SHEET 6

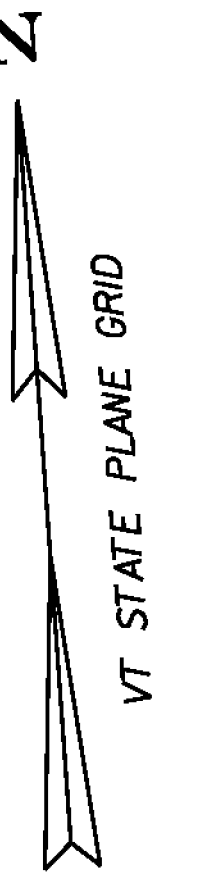
PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(I)

FILE NAME: pIOC190.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: pIOC190_27.1

PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 27 OF 178

SCALE IN FEET
20 0 20

SEH
2-25-14



DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. 33+25 - STA. 38+75 (SOLID LT & RT)
(WITH EDGELINE BREAKS AT TH#5)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. 33+25 - STA. 38+75 (SOLID LT & RT)
(WITH CENTERLINE BREAKS AT TH #5)

GEOTEXTILE UNDER STONE FILL

STA. 35+03 - STA. 36+47 RT
STA. 36+83 - STA. 37+44 RT
STA. 37+54 - STA. 38+75 RT

GEOTEXTILE FOR SILT FENCE

STA. 35+03 - STA. 36+47 RT
STA. 36+83 - STA. 37+44 RT
STA. 37+54 - STA. 38+75 RT

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 33+25 - STA. 38+75 (SOLID LT & RT)
(WITH EDGELINE BREAKS AT TH#5)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 33+25 - STA. 38+75 (SOLID LT & RT)
(WITH CENTERLINE BREAKS AT TH #5)

STONE FILL, TYPE I

STA. 35+03 - STA. 36+47 RT
STA. 36+83 - STA. 37+44 RT
STA. 37+54 - STA. 38+75 RT

GRUBBING MATERIAL

STA. 35+03 - STA. 36+47 RT
STA. 36+83 - STA. 37+44 RT
STA. 37+54 - STA. 38+75 RT

6 INCH UNDERDRAIN PIPE

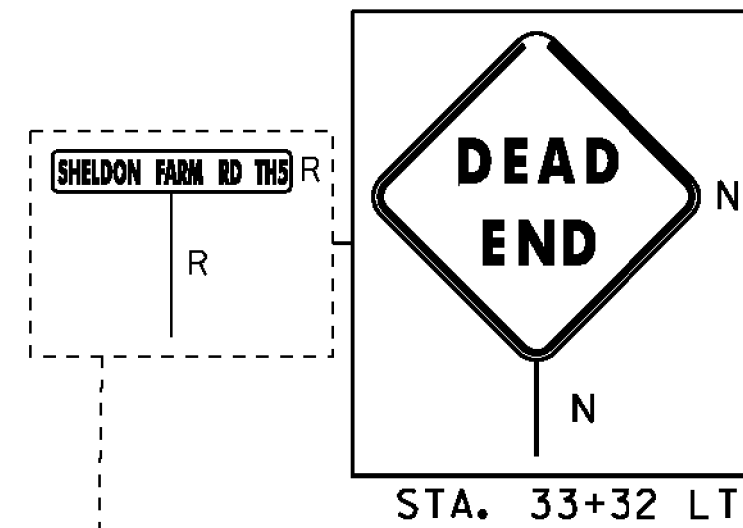
STA. 33+50 - STA. 37+00 LT
STA. ~~38+00~~ - STA. 38+75 LT
37+98

THINNING AND TRIMMING FOR SIGNS

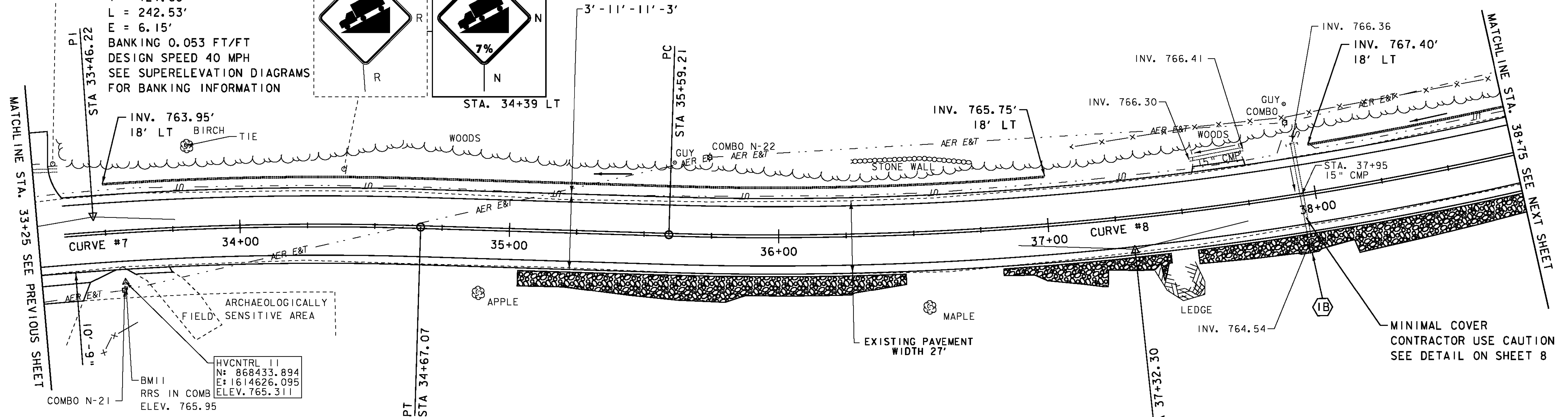
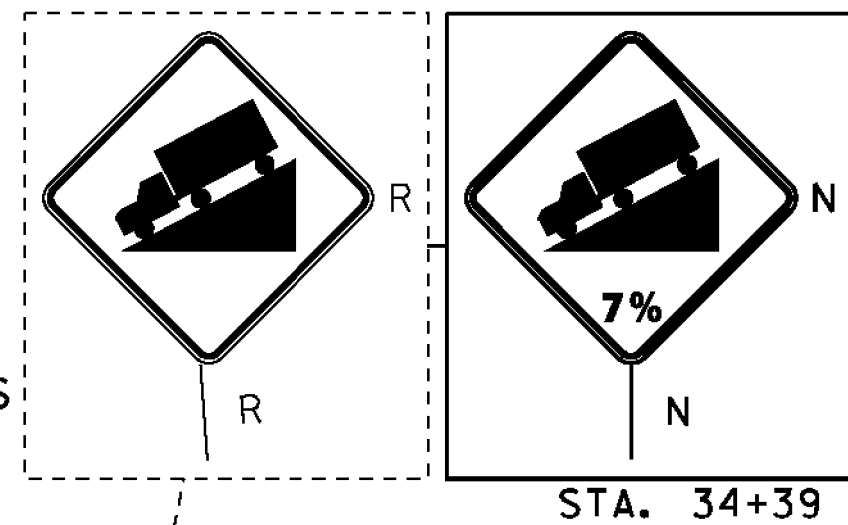
STA. 34+39 LT

REMOVING SIGNS

AS SHOWN - 2



CURVE #7
DELTA = 11°34'49"
D = 4°46'29"
R = 1200.00'
T = 121.68'
L = 242.53'
E = 6.15'
BANKING 0.053 FT/FT
DESIGN SPEED 40 MPH
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION



CURVE #8
DELTA = 15°46'03"
D = 4°35'01"
R = 1250.00'
T = 173.09'
L = 343.99'
E = 11.93'
BANKING 0.052 FT/FT
DESIGN SPEED 40 MPH
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION

IB STA. 37+95.28 RT 17.48' TO
STA. 37+95.40 RT 21.98'
EXTEND 15" CMP (4'-6")
PROPOSED INV. = 764.32
EXISTING INV. = 764.54

SCALE IN FEET
20 0 20

**PROJECT
LAYOUT
SHEET 7**

PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(I)

FILE NAME: pIOC190.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: pIOC190_28.I

PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 28 OF 178

SEH
2-20-14

SEH
2-20-14

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. 44+50 - STA. 49+75 (SOLID LT & RT)

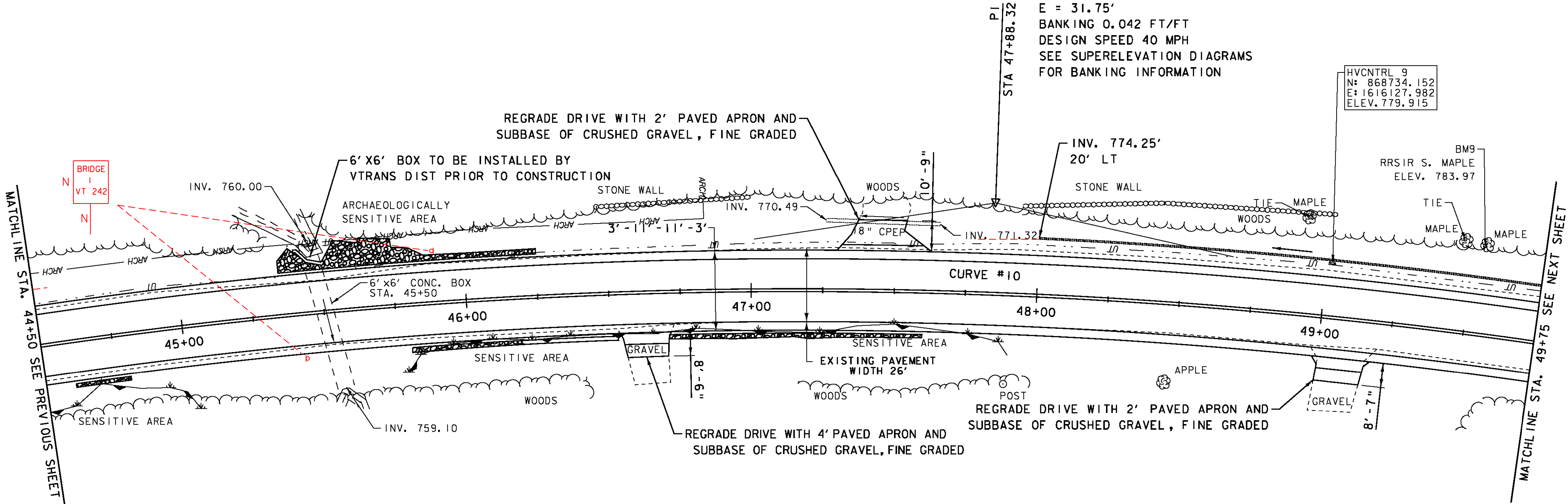
DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. 44+50 - STA. 49+75 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 44+50 - STA. 49+75 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 44+50 - STA. 49+75 (SOLID LT & RT)

CURVE #10
DELTA = 21°13'22"
D = 3°08'22"
R = 1825.00'
T = 341.92'
L = 676.00'
E = 31.75'
BANKING 0.042 FT/FT
DESIGN SPEED 40 MPH
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION

6 INCH UNDERDRAIN PIPE
STA. 48+00 - STA. 49+75 LT
STA. 44+50 - STA. 44+69



ENVIRONMENTALLY SENSITIVE LOCATIONS:

NO.	LIMITS	POS.	TYPE
3.	STA. 44+50 - STA. 45+03	RT	-
4.	STA. 45+78 - STA. 47+90	RT	-

BARRIER FENCE

STA. 44+50 - STA. 45+03 RT
STA. 44+78 - STA. 47+90 RT

EROSION LOG

STA. 44+50 - STA. 45+03 RT
STA. 44+78 - STA. 47+90 RT

STONE FILL, TYPE I

STA. 44+60 - STA. 44+80 RT
STA. 45+35 - STA. 46+25 LT
STA. 45+80 - STA. 46+53 RT
STA. 46+71 - STA. 47+60 RT

GEOTEXTILE FOR SILT FENCE

STA. 44+60 - STA. 44+80 RT
STA. 45+35 - STA. 46+25 LT
STA. 45+80 - STA. 46+53 RT
STA. 46+71 - STA. 47+60 RT

GRUBBING MATERIAL

STA. 44+60 - STA. 44+80 RT
STA. 45+35 - STA. 46+25 LT
STA. 45+80 - STA. 46+53 RT
STA. 46+71 - STA. 47+60 RT

GEOTEXTILE UNDER STONE FILL

STA. 44+60 - STA. 44+80 RT
STA. 45+35 - STA. 46+25 LT
STA. 45+80 - STA. 46+53 RT
STA. 46+71 - STA. 47+60 RT

SIGN LEGEND

R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGED
N = NEW
B-B = BACK TO BACK
--- = EXISTING
— = NEW

LEGEND

MAILBOX
BORING
SIGN
HYDRANT
MANHOLE
WATER SHUT OFF (WSO)
GAS PIPELINE MARKER
CATCH BASIN / DROP INLET

CURB INLET
TRAFFIC CONTROL BOX
PARKING METER
UTILITY POLE

DATUM
NAVD 88
NAD 83

PROJECT
LAYOUT
SHEET 9

SCALE IN FEET
20 0 20

PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(1)

FILE NAME: p10C190.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C190_30.1

PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 30 OF 178

SEH
2-20-14

ENVIRONMENTALLY SENSITIVE LOCATIONS:

NO.	LIMITS	POS.	TYPE
5.	STA. 53+67 - STA. 55+50	LT	-

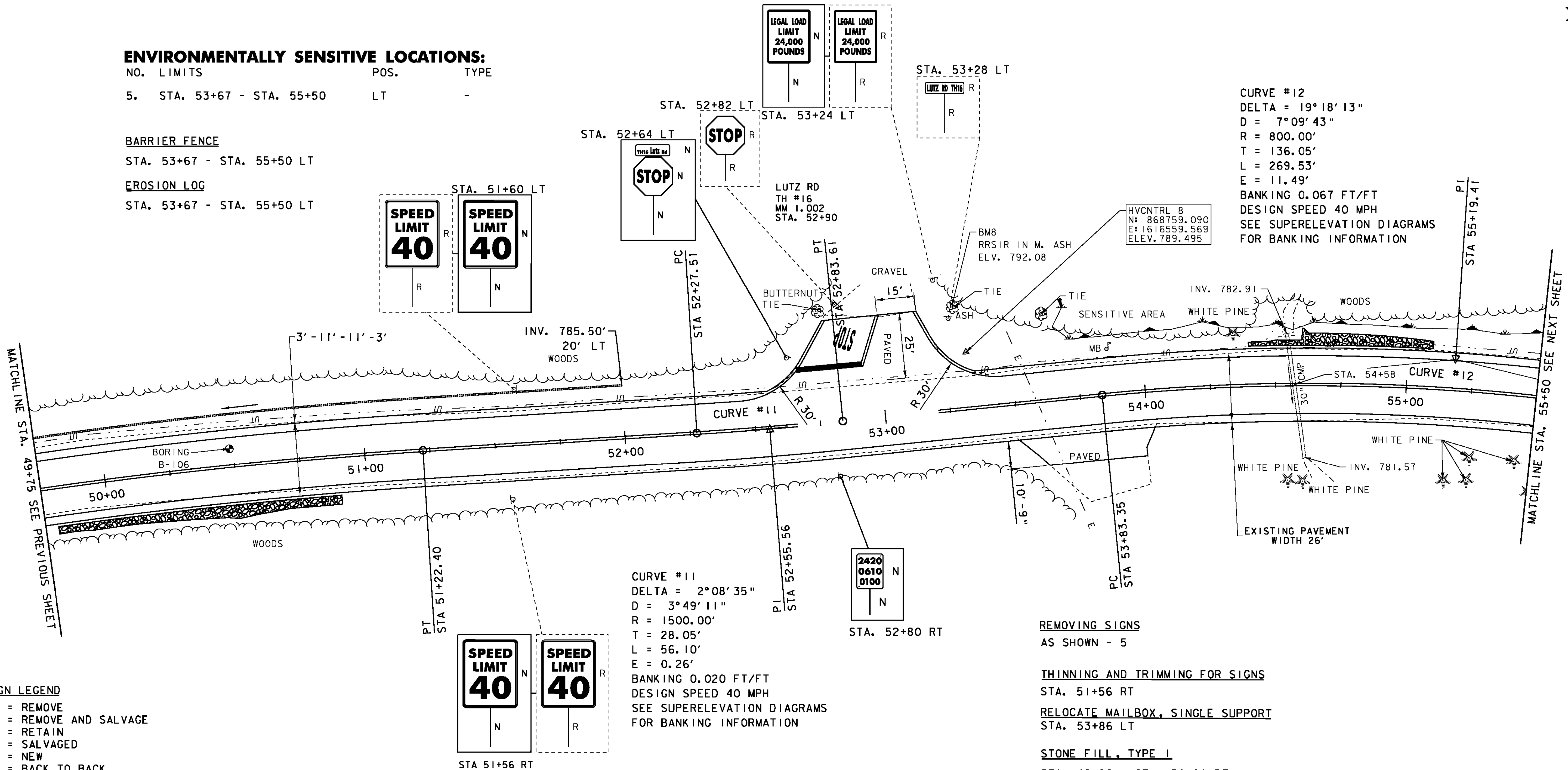
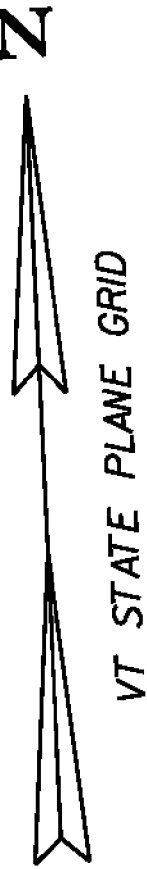
BARRIER FENCE

STA. 53+67 - STA. 55+50 LT

EROSION LOG

STA. 53+67 - STA. 55+50 LT

CURVE #12
DELTA = 19°18'13"
D = 7°09'43"
R = 800.00'
T = 136.05'
L = 269.53'
E = 11.49'
BANKING 0.067 FT/FT
DESIGN SPEED 40 MPH
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION



SIGN LEGEND

- R = REMOVE
- R&S = REMOVE AND SALVAGE
- RET = RETAIN
- S = SALVAGED
- N = NEW
- B-B = BACK TO BACK
- = EXISTING
- = NEW

LEGEND

- MAILBOX
- BORING
- SIGN
- HYDRANT
- MANHOLE
- WATER SHUT OFF (WSO)
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- UTILITY POLE

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)

STA. 49+75 - STA. 55+50 (SOLID LT & RT)
(WITH EDGE LINE BREAKS AT TH #16)
STA. 52+90 (EDGE LINES TH #16)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)

STA. 49+75 - STA. 55+50 (SOLID LT & RT)
(WITH CENTERLINE BREAKS AT TH #16)
STA. 52+90 LT (CENTERLINE TH #16)

DURABLE 24 INCH STOP BAR (SEE OPTION ITEMS)

STA. 52+68 - STA. 52+93 LT (TH#16)

DURABLE LETTER OF SYMBOL (SEE OPTION ITEMS)

STA. 52+88 LT "STOP" (TH#16)

6 INCH UNDERDRAIN PIPE

STA. 49+75 - STA. 52+00 LT
51+98

TEMPORARY 4 INCH WHITE LINE, PAINT

STA. 49+75 - STA. 55+50 (SOLID LT & RT)
(WITH EDGE LINE BREAKS AT TH #16)
STA. 52+90 (EDGE LINES TH #16)

TEMPORARY 4 INCH YELLOW LINE, PAINT

STA. 49+75 - STA. 55+50 (SOLID LT & RT)
(WITH CENTERLINE BREAKS AT TH #16)
STA. 52+90 LT (CENTERLINE TH #16)

TEMPORARY 24 INCH STOP BAR, PAINT

STA. 52+68 - STA. 52+93 LT (TH#16)

TEMPORARY LETTER OF SYMBOL, PAINT

STA. 52+88 LT "STOP" (TH#16)

REMOVING SIGNS

AS SHOWN - 5

THINNING AND TRIMMING FOR SIGNS

STA. 51+56 RT

RELOCATE MAILBOX, SINGLE SUPPORT

STA. 53+86 LT

STONE FILL, TYPE I

STA. 49+80 - STA. 50+90 RT
STA. 54+40 - STA. 55+10 LT

GRUBBING MATERIAL

STA. 49+80 - STA. 50+90 RT
STA. 54+40 - STA. 55+10 LT
GEOTEXTILE UNDER STONE FILL

STA. 49+80 - STA. 50+90 RT
STA. 54+40 - STA. 55+10 LT

GEOTEXTILE FOR SILT FENCE

STA. 49+80 - STA. 50+90 RT
STA. 54+40 - STA. 55+10 LT

DATUM	NAVD 88
	NAD 83



PROJECT LAYOUT SHEET 10

PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(I)

FILE NAME: p10C190.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C190_31.1

PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 31 OF 178

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2-20-14

STONE FILL, TYPE I

STA. 59+50 - STA. 59+75 RT
STA. 60+20 - STA. 60+70 RT
STA. 60+90 - STA. 61+45 RT

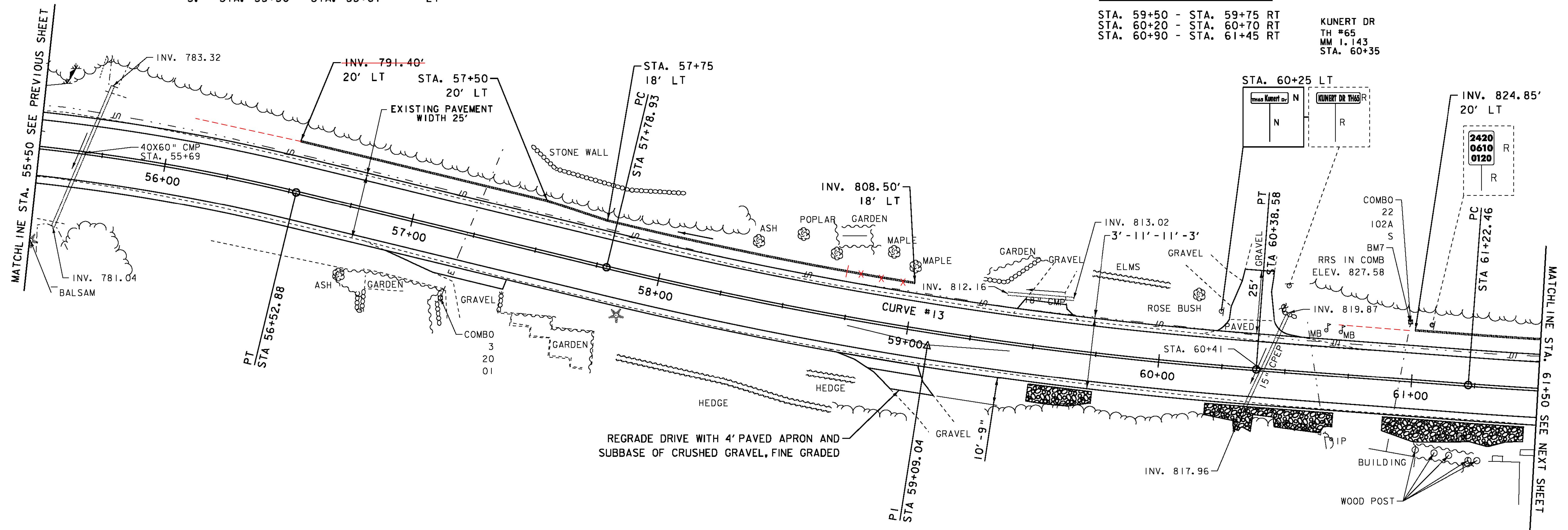
GRUBBING MATERIAL

STA. 59+50 - STA. 59+75 RT
STA. 60+20 - STA. 60+70 RT
STA. 60+90 - STA. 61+45 RT

KUNERT DR
TH #65
MM 1.143
STA. 60+35

ENVIRONMENTALLY SENSITIVE LOCATIONS:

NO.	LIMITS	POS.	TYPE
5.	STA. 55+50 - STA. 55+61	LT	-



CURVE #13
DELTA = 9° 17' 52"
D = 3° 34' 52"
R = 1600.00'
T = 130.11'
L = 259.65'
E = 5.28'
BANKING 0.043 FT/FT
DESIGN SPEED 40 MPH
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION

SEH
P-25-14

	LEGEND
	MAILBOX
	BORING
	SIGN
	HYDRANT
	MANHOLE
	WATER SHUT OFF (WSO)
	GAS PIPELINE MARKER
	CATCH BASIN / DROP INLET
	CURB INLET
	TRAFFIC CONTROL BOX
	PARKING METER
	UTILITY POLE

SIGN LEGEND

R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGED
N = NEW
B-B = BACK TO BACK
--- = EXISTING
— = NEW

DATUM	NAVD 88
	NAD 83

PROJECT LAYOUT SHEET 11

PROJECT NAME:	MONTGOMERY-WESTFIELD	
PROJECT NUMBER:	STP 2906(I)	
FILE NAME:	pIQC90.dgn	PLOT DATE: 9/5/
PROJECT LEADER:	CDL	DRAWN BY: SJL
DESIGNED BY:	SJL	CHECKED BY: EPD
PLOT FILE:	pIQC90_32.I	SHEET 32 OF



DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. 61+50 - STA. 67+50 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. 61+50 - STA. 67+50 (SOLID LT & RT)

THINNING AND TRIMMING FOR SIGNS
STA. 66+63 RT

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 61+50 - STA. 67+50 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 61+50 - STA. 67+50 (SOLID LT & RT)

6 INCH UNDERDRAIN PIPE
STA. 61+50 - STA. ~~66+00~~ LT ~~66+12~~
STA. ~~67+00~~ - STA. 67+50 LT
~~66+63~~
RELOCATE MAILBOX, SINGLE SUPPORT
STA. 64+35 LT

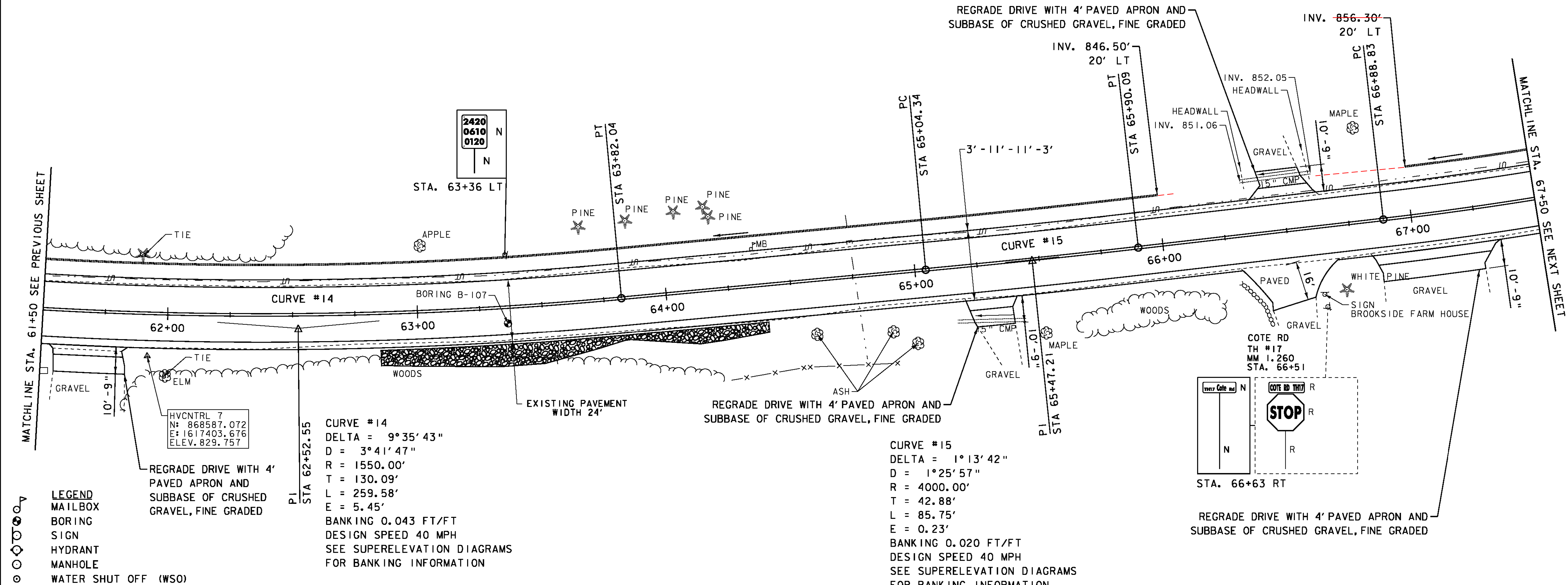
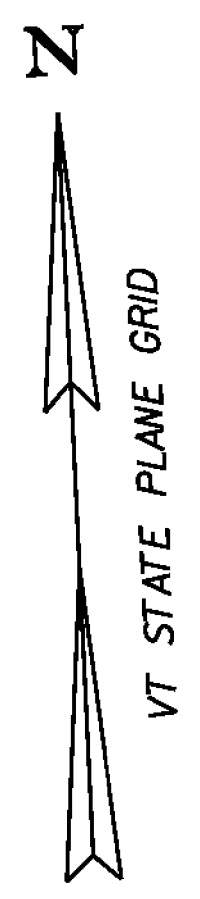
REMOVING SIGNS
AS SHOWN - 2

STONE FILL, TYPE I
STA. 62+85 - STA. 64+40 RT

GRUBBING MATERIAL
STA. 62+85 - STA. 64+40 RT

GEOTEXTILE UNDER STONE FILL
STA. 62+85 - STA. 64+40 RT

GEOTEXTILE FOR SILT FENCE
STA. 62+85 - STA. 64+40 RT



- LEGEND**
- MAILBOX
 - BORING
 - SIGN
 - HYDRANT
 - MANHOLE
 - WATER SHUT OFF (WSO)
 - GAS PIPELINE MARKER
 - CATCH BASIN / DROP INLET
 - CURB INLET
 - TRAFFIC CONTROL BOX
 - PARKING METER
 - UTILITY POLE

- SIGN LEGEND**
- R = REMOVE
 - R&S = REMOVE AND SALVAGE
 - RET = RETAIN
 - S = SALVAGED
 - N = NEW
 - B-B = BACK TO BACK
 - = EXISTING
 - = NEW

DATUM
NAVD 88
NAD 83

CURVE #15
DELTA = 1°13'42"
D = 1°25'57"
R = 4000.00'
T = 42.88'
L = 85.75'
E = 0.23'
BANKING 0.020 FT/FT
DESIGN SPEED 40 MPH
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION

CURVE #14
DELTA = 9°35'43"
D = 3°41'47"
R = 1550.00'
T = 130.09'
L = 259.58'
E = 5.45'
BANKING 0.043 FT/FT
DESIGN SPEED 40 MPH
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION

SCALE IN FEET
20 0 20

PROJECT LAYOUT SHEET 12

PROJECT NAME: MONTGOMERY-WESTFIELD	
PROJECT NUMBER: STP 2906(I)	
FILE NAME: p10ci90.dgn	PLOT DATE: 9/5/12
PROJECT LEADER: CDL	DRAWN BY: SJL
DESIGNED BY: SJL	CHECKED BY: EPD
PLOT FILE: p10ci90_33.i	SHEET 33 OF 178

SEH
2-28-14

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. 67+50 - STA. 73+75 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. 67+50 - STA. 73+75 (SOLID LT & RT)

BARRIER FENCE

STA. 72+04 - STA. 73+75 LT

EROSION LOG

STA. 72+04 - STA. 73+75 LT

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 67+50 - STA. 73+75 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 67+50 - STA. 73+75 (SOLID LT & RT)

6 INCH UNDERDRAIN PIPE
STA. 67+50 - STA. 68+50 LT
STA. 69+50 - STA. ~~71+00~~ LT
70+93

REMOVING SIGNS
AS SHOWN - 1

STONE FILL, TYPE I
STA. 67+85 - STA. 69+40 RT

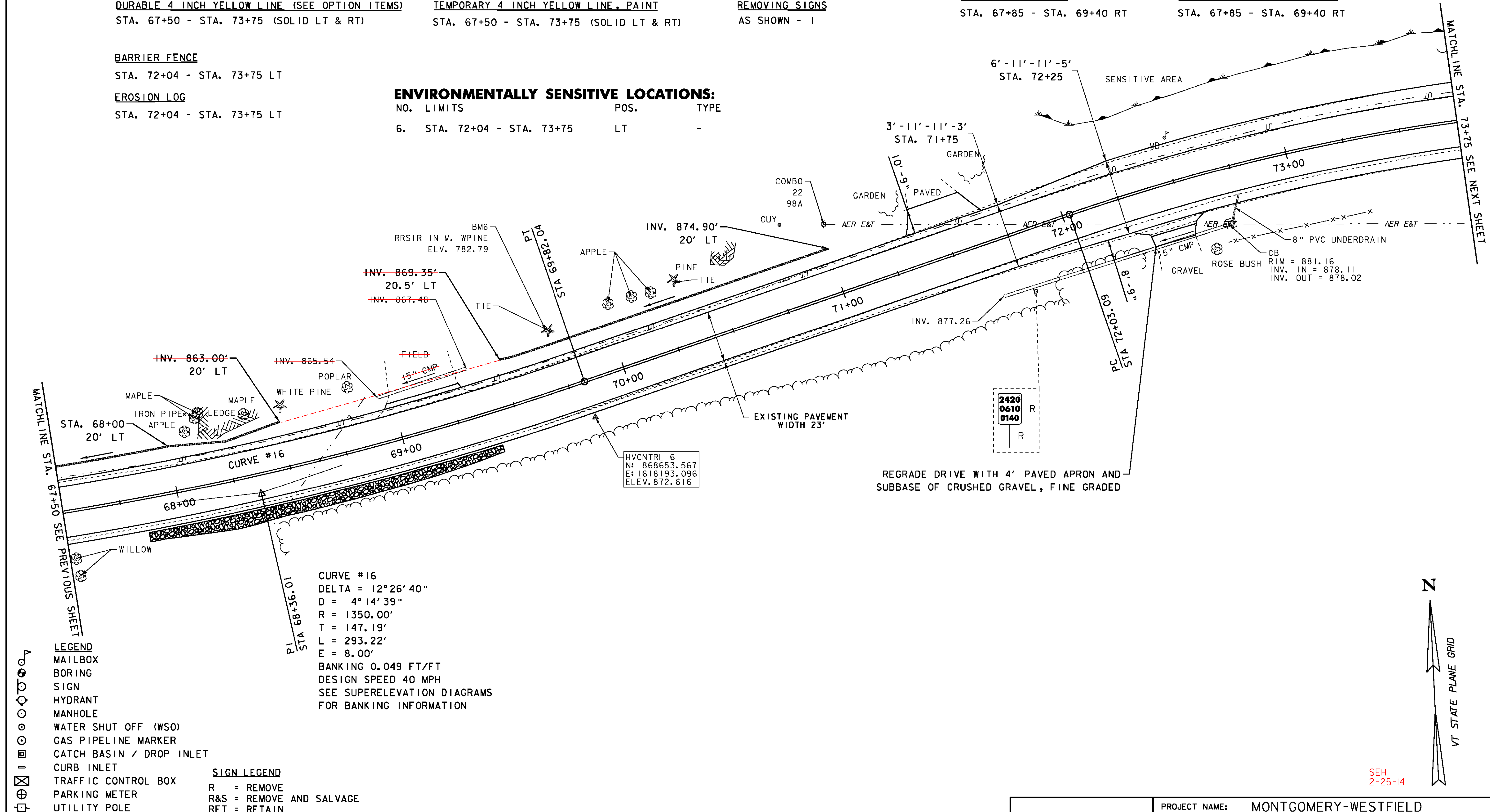
GRUBBING MATERIAL
STA. 67+85 - STA. 69+40 RT

GEOTEXTILE UNDER STONE FILL
STA. 67+85 - STA. 69+40 RT

GEOTEXTILE FOR SILT FENCE
STA. 67+85 - STA. 69+40 RT

ENVIRONMENTALLY SENSITIVE LOCATIONS:

NO.	LIMITS	POS.	TYPE
6.	STA. 72+04 - STA. 73+75	LT	-



- LEGEND**
- MAILBOX
 - BORING
 - SIGN
 - HYDRANT
 - MANHOLE
 - WATER SHUT OFF (WSO)
 - GAS PIPELINE MARKER
 - CATCH BASIN / DROP INLET
 - CURB INLET
 - TRAFFIC CONTROL BOX
 - PARKING METER
 - UTILITY POLE

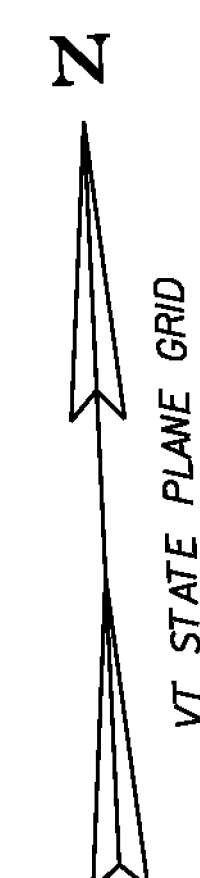
- SIGN LEGEND**
- R = REMOVE
 - R&S = REMOVE AND SALVAGE
 - RET = RETAIN
 - S = SALVAGED
 - N = NEW
 - B-B = BACK TO BACK
 - = EXISTING
 - = NEW

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE IN FEET
20 0 20

PROJECT LAYOUT SHEET 13

PROJECT NAME:	MONTGOMERY-WESTFIELD
PROJECT NUMBER:	STP 2906(I)
FILE NAME:	p10C190.dgn
PROJECT LEADER:	CDL
DESIGNED BY:	SJL
PLOT FILE:	p10C190_34.I
PLOT DATE:	9/5/12
DRAWN BY:	SJL
CHECKED BY:	EPD
SHEET	34 OF 178



SEH
2-25-14

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. 67+50 - STA. 73+75 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. 67+50 - STA. 73+75 (SOLID LT & RT)

BARRIER FENCE

STA. 72+04 - STA. 73+75 LT

EROSION LOG

STA. 72+04 - STA. 73+75 LT

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 67+50 - STA. 73+75 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 67+50 - STA. 73+75 (SOLID LT & RT)

6 INCH UNDERDRAIN PIPE
STA. 67+50 - STA. 68+50 LT
STA. 69+50 - STA. 71+00 LT

REMOVING SIGNS
AS SHOWN - 1

STONE FILL, TYPE 1
STA. 67+85 - STA. 69+40 RT

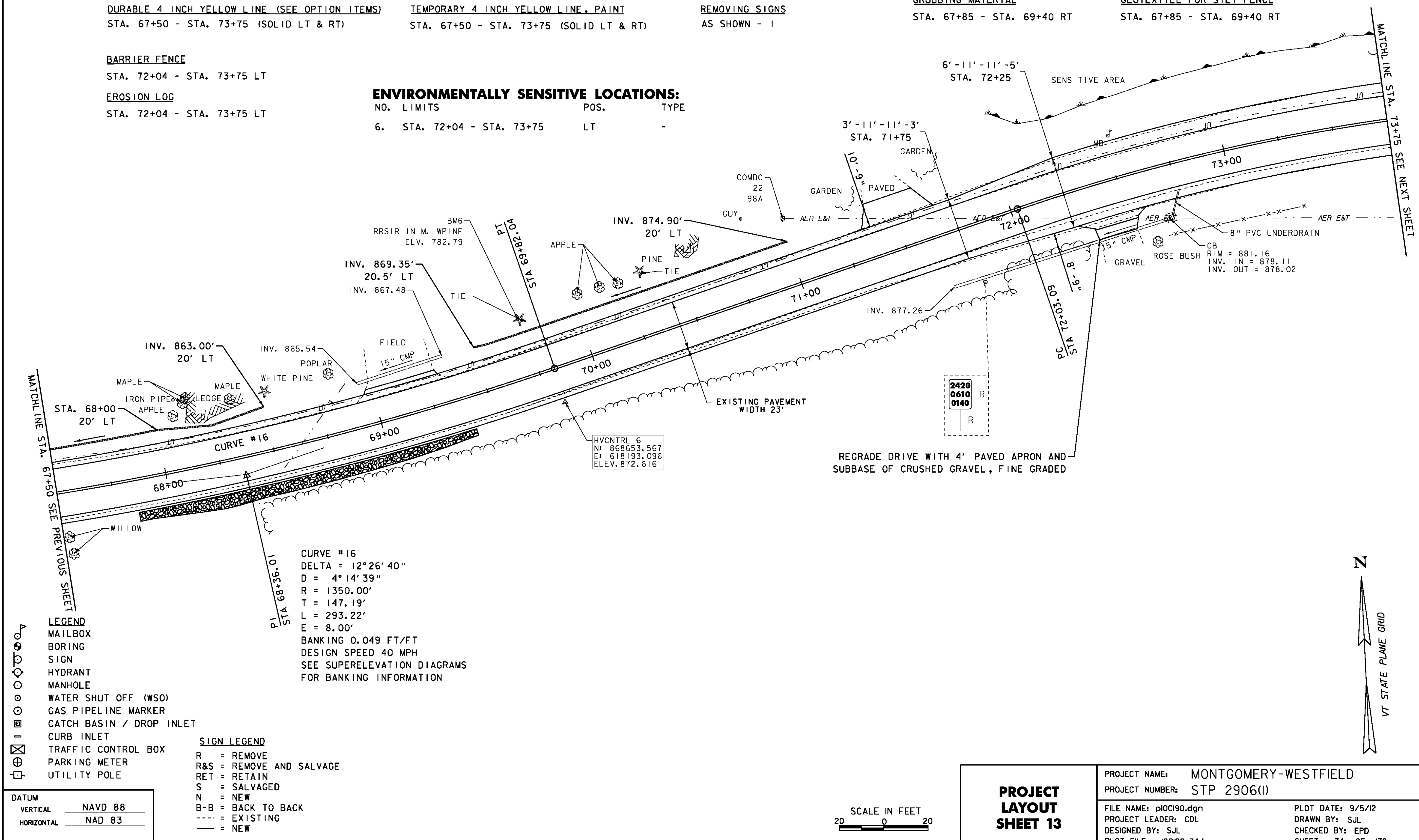
GRUBBING MATERIAL
STA. 67+85 - STA. 69+40 RT

GEOTEXTILE UNDER STONE FILL
STA. 67+85 - STA. 69+40 RT

GEOTEXTILE FOR SILT FENCE
STA. 67+85 - STA. 69+40 RT

ENVIRONMENTALLY SENSITIVE LOCATIONS:

NO.	LIMITS	POS.	TYPE
6.	STA. 72+04 - STA. 73+75	LT	-



DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. 79+25 - STA. 84+75 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. 79+25 - STA. 84+75 (SOLID LT & RT)

STEEL BEAM GUARDRAIL, GALVANIZED
STA. 83+10 - STA. 84+75 LT
STA. 82+15 - STA. 84+35 RT

~~STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS~~
~~STA. 82+15 - STA. 84+35 RT~~

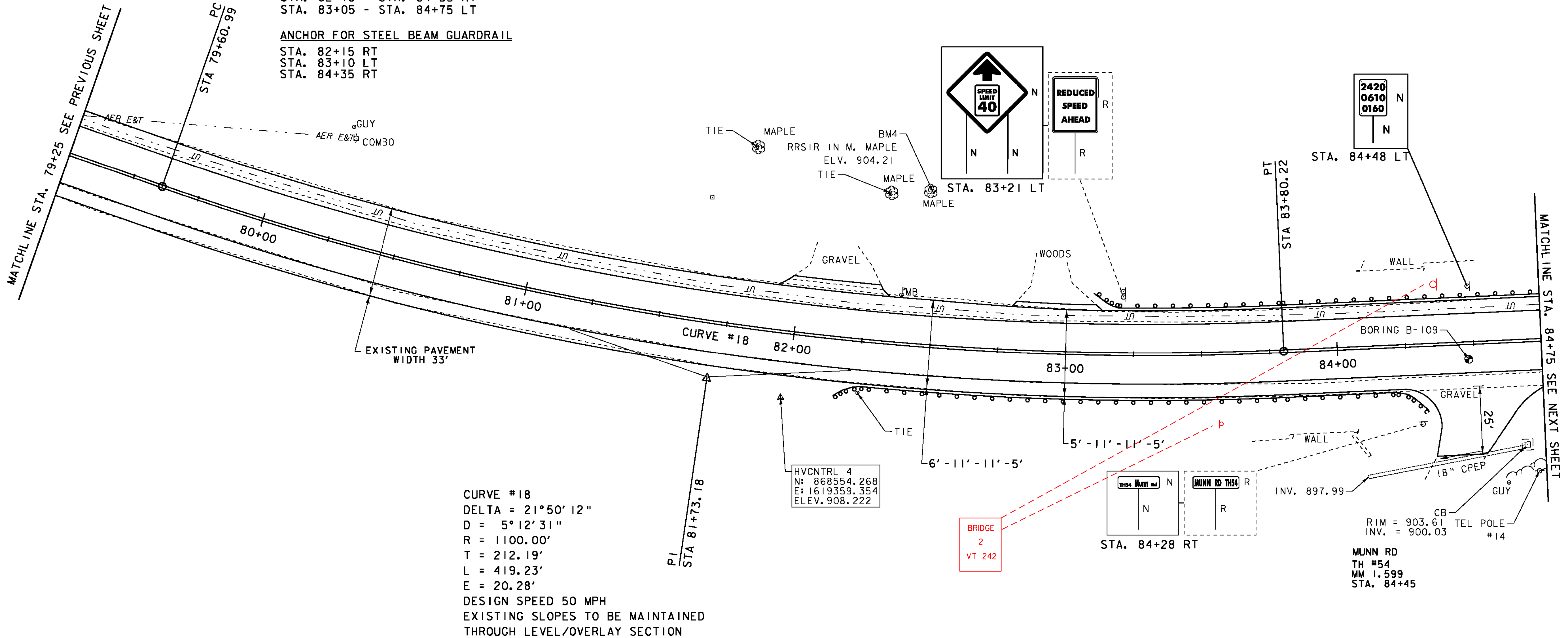
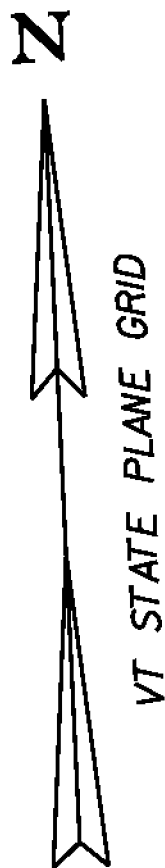
REMOVAL & DISPOSAL OF GUARDRAIL
STA. 82+15 - STA. 84+35 RT
STA. 83+05 - STA. 84+75 LT

ANCHOR FOR STEEL BEAM GUARDRAIL
STA. 82+15 RT
STA. 83+10 LT
STA. 84+35 RT

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 79+25 - STA. 84+75 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 79+25 - STA. 84+75 (SOLID LT & RT)

REMOVING SIGNS
AS SHOWN - 2



LEGEND

- | | | | | | |
|---------|---|--------------------------|---|---------------------|---|
| MAILBOX | ○ | MANHOLE | ○ | CURB INLET | — |
| BORING | ⊙ | WATER SHUT OFF (WSO) | ⊙ | TRAFFIC CONTROL BOX | ⊕ |
| SIGN | ⊙ | GAS PIPELINE MARKER | ⊙ | PARKING METER | ⊕ |
| HYDRANT | ⊕ | CATCH BASIN / DROP INLET | ⊕ | UTILITY POLE | — |

SIGN LEGEND

- R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGED
N = NEW
B-B = BACK TO BACK
--- = EXISTING
— = NEW

DATUM
NAVD 88
NAD 83

SCALE IN FEET
20 0 20

PROJECT LAYOUT
SHEET 15

PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(I)

FILE NAME: pIOC190.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: pIOC190_36.I

PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 36 OF 178

SEH
2-25-14

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)

STA. 84+75 - STA. 90+25 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)

STA. 84+75 - STA. 90+25 (SOLID LT & RT)

STEEL BEAM GUARDRAIL, GALVANIZED

STA. 84+75 - STA. ~~86+30~~ LT
89+10 LT

~~STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS~~

~~STA. 86+30 - STA. 89+10 LT~~

REMOVAL & DISPOSAL OF GUARDRAIL

STA. 84+75 - STA. 89+06 LT

ANCHOR FOR STEEL BEAM GUARDRAIL

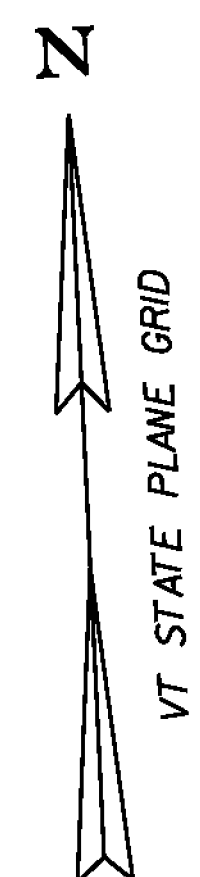
STA. 89+10 LT

TEMPORARY 4 INCH WHITE LINE, PAINT

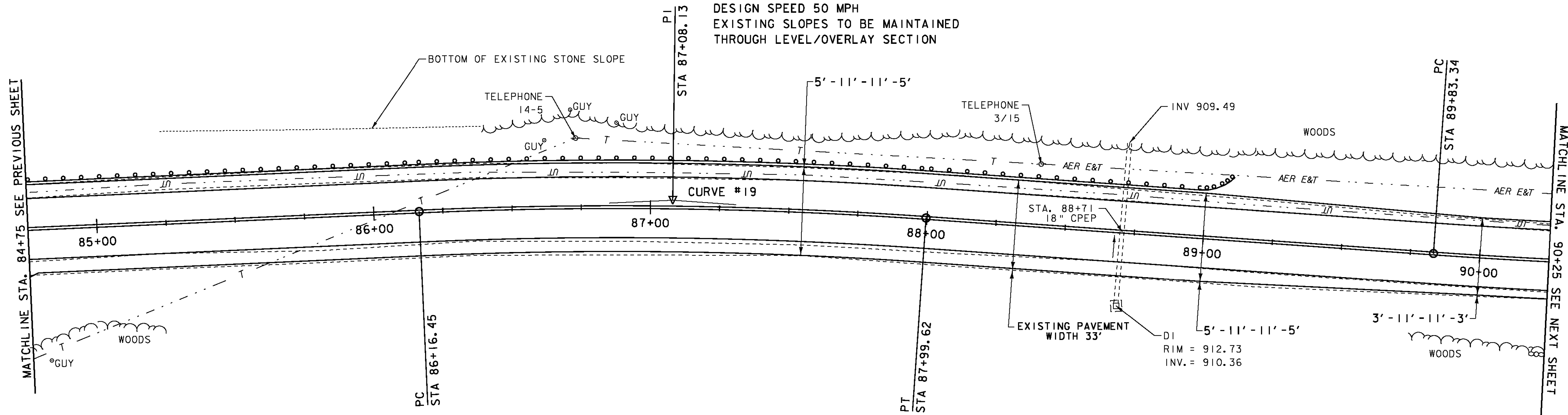
STA. 84+75 - STA. 90+25 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT

STA. 84+75 - STA. 90+25 (SOLID LT & RT)



CURVE #19
DELTA = 6°33'33"
D = 3°34'52"
R = 1600.00'
T = 91.68'
L = 183.17'
E = 2.62'
DESIGN SPEED 50 MPH
EXISTING SLOPES TO BE MAINTAINED
THROUGH LEVEL/OVERLAY SECTION



- LEGEND**
- MAILBOX
 - BORING
 - SIGN
 - HYDRANT
 - MANHOLE
 - WATER SHUT OFF (WSO)
 - GAS PIPELINE MARKER
 - CATCH BASIN / DROP INLET
 - CURB INLET
 - TRAFFIC CONTROL BOX
 - PARKING METER
 - UTILITY POLE

- SIGN LEGEND**
- R = REMOVE
 - R&S = REMOVE AND SALVAGE
 - RET = RETAIN
 - S = SALVAGED
 - N = NEW
 - B-B = BACK TO BACK
 - = EXISTING
 - = NEW

DATUM
NAVD 88
NAD 83



PROJECT LAYOUT SHEET 16	PROJECT NAME: MONTGOMERY-WESTFIELD	
	PROJECT NUMBER: STP 2906(1)	
	FILE NAME: p10ci90.dgn	PLOT DATE: 9/5/12
	PROJECT LEADER: CDL	DRAWN BY: SJL
	DESIGNED BY: SJL	CHECKED BY: EPD
	PLOT FILE: p10ci90_37.1	SHEET 37 OF 178

SEH
2-25-14

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. 84+75 - STA. 90+25 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. 84+75 - STA. 90+25 (SOLID LT & RT)

STEEL BEAM GUARDRAIL, GALVANIZED
STA. 84+75 - STA. 86+30 LT

STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
STA. 86+30 - STA. 89+10 LT

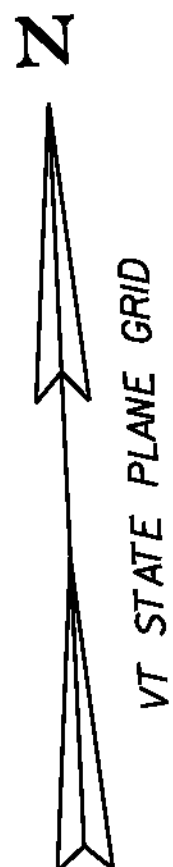
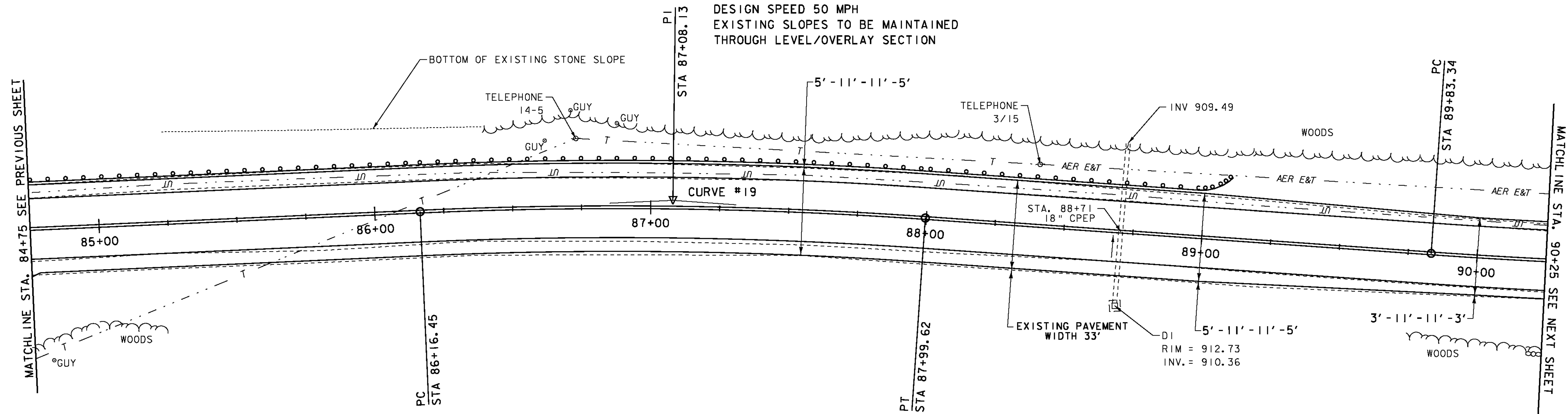
REMOVAL & DISPOSAL OF GUARDRAIL
STA. 84+75 - STA. 89+06 LT

ANCHOR FOR STEEL BEAM GUARDRAIL
STA. 89+10 LT

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 84+75 - STA. 90+25 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 84+75 - STA. 90+25 (SOLID LT & RT)

CURVE #19
DELTA = 6°33'33"
D = 3°34'52"
R = 1600.00'
T = 91.68'
L = 183.17'
E = 2.62'
DESIGN SPEED 50 MPH
EXISTING SLOPES TO BE MAINTAINED
THROUGH LEVEL/OVERLAY SECTION



- LEGEND**
- MAILBOX
 - BORING
 - SIGN
 - HYDRANT
 - MANHOLE
 - WATER SHUT OFF (WSO)
 - GAS PIPELINE MARKER
 - CATCH BASIN / DROP INLET
 - CURB INLET
 - TRAFFIC CONTROL BOX
 - PARKING METER
 - UTILITY POLE

- SIGN LEGEND**
- R = REMOVE
 - R&S = REMOVE AND SALVAGE
 - RET = RETAIN
 - S = SALVAGED
 - N = NEW
 - B-B = BACK TO BACK
 - = EXISTING
 - = NEW

DATUM
NAVD 88
NAD 83

SCALE IN FEET
20 0 20

**PROJECT
LAYOUT
SHEET 16**

PROJECT NAME: MONTGOMERY-WESTFIELD

PROJECT NUMBER: STP 2906(1)

FILE NAME: p10ci90.dgn

PROJECT LEADER: CDL

DESIGNED BY: SJL

PLOT FILE: p10ci90_37.1

PLOT DATE: 9/5/12

DRAWN BY: SJL

CHECKED BY: EPD

SHEET 37 OF 178

SEH
2-25-14

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. 107+25 - STA. 112+75 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. 107+25 - STA. 112+75 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 107+25 - STA. 112+75 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 107+25 - STA. 112+75 (SOLID LT & RT)

6 INCH UNDERDRAIN PIPE
STA. ~~108+50~~ - STA. ~~111+00~~ LT
108+20 110+90

RELOCATE MAILBOX, SINGLE SUPPORT
STA. 110+47 LT

BARRIER FENCE
STA. 107+25 - STA. 107+37 RT
STA. 107+25 - STA. 107+85 LT
STA. 107+54 - STA. 108+19 RT
STA. 111+40 - STA. 112+54 RT

EROSION LOG
STA. 107+25 - STA. 107+37 RT
STA. 107+25 - STA. 107+85 LT
STA. 107+54 - STA. 108+19 RT
STA. 111+40 - STA. 112+54 RT

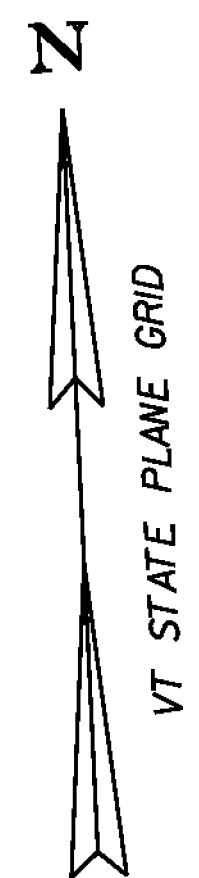
STONE FILL, TYPE I
STA. 110+75 - STA. 112+45 RT

GRUBBING MATERIAL
STA. 110+75 - STA. 112+45 RT

GEOTEXTILE UNDER STONE FILL
STA. 110+75 - STA. 112+45 RT

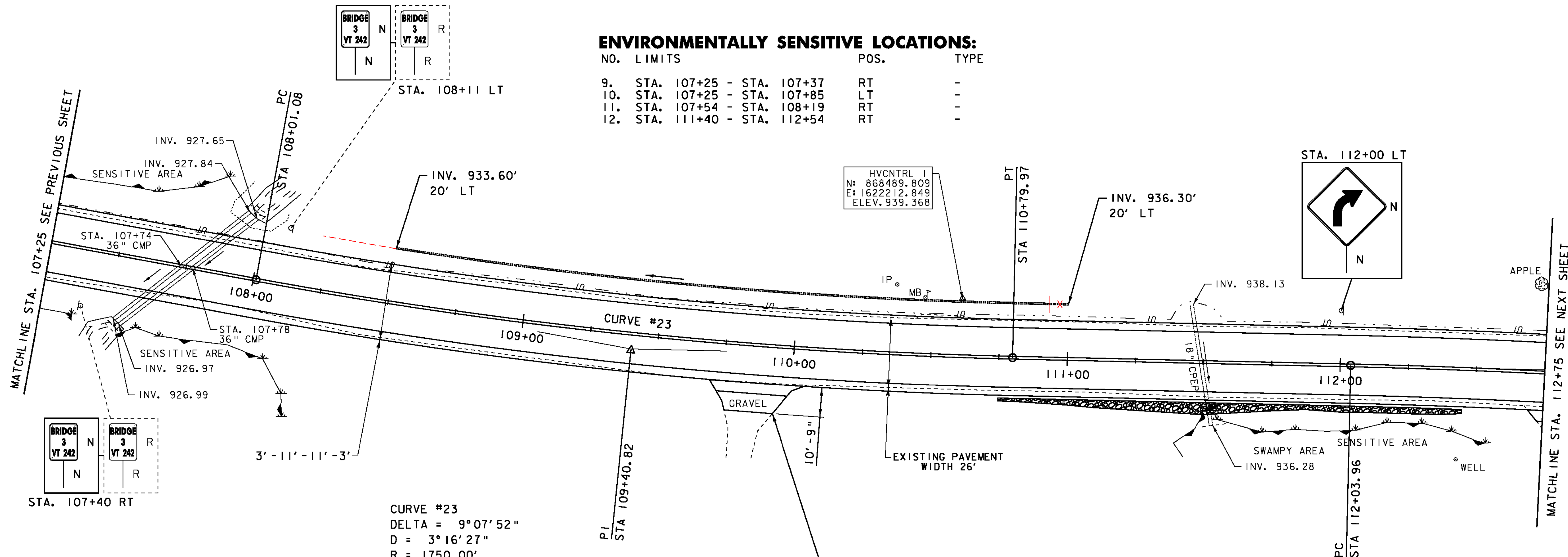
GEOTEXTILE FOR SILT FENCE
STA. 110+75 - STA. 112+45 RT

REMOVING SIGNS
AS SHOWN - 2



ENVIRONMENTALLY SENSITIVE LOCATIONS:

NO.	LIMITS	POS.	TYPE
9.	STA. 107+25 - STA. 107+37	RT	-
10.	STA. 107+25 - STA. 107+85	LT	-
11.	STA. 107+54 - STA. 108+19	RT	-
12.	STA. 111+40 - STA. 112+54	RT	-



CURVE #23
DELTA = 9°07'52"
D = 3°16'27"
R = 1750.00'
T = 139.74'
L = 278.90'
E = 5.57'
BANKING 0.040 FT/FT
DESIGN SPEED 40 MPH
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION

- LEGEND
- MAILBOX
 - BORING
 - SIGN
 - HYDRANT
 - MANHOLE
 - WATER SHUT OFF (WSO)
 - GAS PIPELINE MARKER
 - CATCH BASIN / DROP INLET
 - CURB INLET
 - TRAFFIC CONTROL BOX
 - PARKING METER
 - UTILITY POLE

- SIGN LEGEND
- R = REMOVE
 - R&S = REMOVE AND SALVAGE
 - RET = RETAIN
 - S = SALVAGED
 - N = NEW
 - B-B = BACK TO BACK
 - = EXISTING
 - = NEW

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE IN FEET
20 0 20

PROJECT LAYOUT SHEET 20

PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(I)

FILE NAME: p10C190.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C190_41.I
PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 41 OF 178

SEH
2-20-14

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. 112+75 - STA. 118+50 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. 112+75 - STA. 118+50 (SOLID LT & RT)

STONE FILL, TYPE I

STA. 114+35 - STA. 114+45 RT
STA. 114+40 - STA. 115+25 LT
STA. 118+27 - STA. 118+40 RT

GRUBBING MATERIAL

STA. 114+35 - STA. 114+45 RT
STA. 114+40 - STA. 115+25 LT
STA. 118+27 - STA. 118+40 RT

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 112+75 - STA. 118+50 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 112+75 - STA. 118+50 (SOLID LT & RT)

CURVE #24
DELTA = 22°20'23"
D = 2°18'04" (1) D = 4°46'29" (2)
R = 2490.00' (1) R = 1200.00' (2)
T = 330.76' (1) T = 248.00' (2)
L = 201.02' (1) L = 371.00' (2)
E = 21.87'
BANKING 0.041 FT/FT, 0.070 FT/FT
DESIGN SPEED 40 MPH, 50 MPH
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION

6 INCH UNDERDRAIN PIPE
STA. ~~115+00~~ - STA. ~~117+00~~ LT
115+52 117+82

REMOVING SIGNS
AS SHOWN - 1

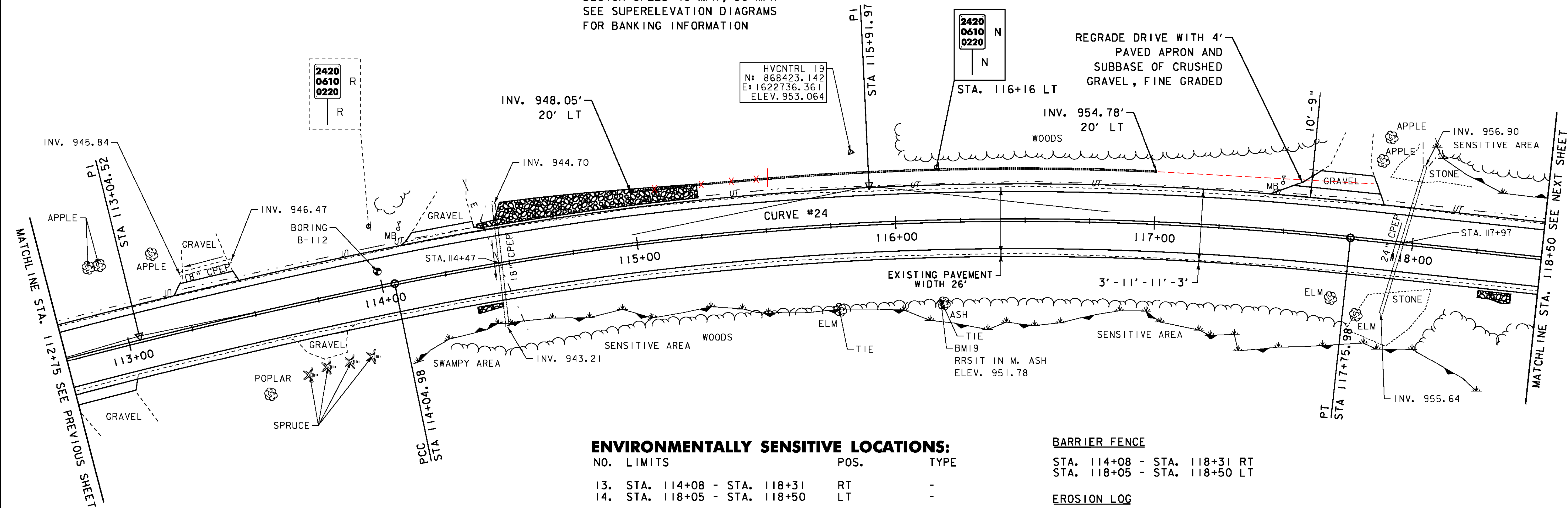
RELOCATE MAILBOX, SINGLE SUPPORT
STA. 117+48 LT

GEOTEXTILE UNDER STONE FILL

STA. 114+35 - STA. 114+45 RT
STA. 114+40 - STA. 115+25 LT
STA. 118+27 - STA. 118+40 RT

GEOTEXTILE FOR SILT FENCE

STA. 114+35 - STA. 114+45 RT
STA. 114+40 - STA. 115+25 LT
STA. 118+27 - STA. 118+40 RT



ENVIRONMENTALLY SENSITIVE LOCATIONS:

NO.	LIMITS	POS.	TYPE
13.	STA. 114+08 - STA. 118+31	RT	-
14.	STA. 118+05 - STA. 118+50	LT	-

BARRIER FENCE

STA. 114+08 - STA. 118+31 RT
STA. 118+05 - STA. 118+50 LT

EROSION LOG

STA. 114+08 - STA. 118+31 RT
STA. 118+05 - STA. 118+50 LT

SIGN LEGEND

R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGED
N = NEW
B-B = BACK TO BACK
--- = EXISTING
— = NEW

LEGEND

MAILBOX
BORING
SIGN
HYDRANT

MANHOLE
WATER SHUT OFF (WSO)
GAS PIPELINE MARKER
CATCH BASIN / DROP INLET

CURB INLET
TRAFFIC CONTROL BOX
PARKING METER
UTILITY POLE

DATUM
NAVD 88
NAD 83

SCALE IN FEET
20 0 20

PROJECT
LAYOUT
SHEET 21

PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(1)

FILE NAME: pIOC190.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: pIOC190_42.1

PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 42 OF 178

SEH
2-20-14

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)

STA. 118+50 - STA. 124+25 (SOLID LT & RT)
(WITH EDGELINE BREAKS AT TH #19)
STA. 120+57 RT (EDGELINES TH #19)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)

STA. 118+50 - STA. 124+25 (SOLID LT & RT)
(WITH CENTERLINE BREAK AT TH #19)
STA. 120+57 RT (CENTERLINE TH #19)

DURABLE 24 INCH STOP BAR (SEE OPTION ITEMS)

STA. 120+51 - STA. 120+70 RT (TH#19)

DURABLE LETTER OF SYMBOL (SEE OPTION ITEMS)

STA. 120+62 RT "STOP" (TH#19)

TEMPORARY 4 INCH WHITE LINE, PAINT

STA. 118+50 - STA. 124+25 (SOLID LT & RT)
(WITH EDGELINE BREAKS AT TH #19)
STA. 120+57 RT (EDGELINES TH #19)

TEMPORARY 4 INCH YELLOW LINE, PAINT

STA. 118+50 - STA. 124+25 (SOLID LT & RT)
(WITH CENTERLINE BREAK AT TH #19)
STA. 120+57 RT (CENTERLINE TH #19)

TEMPORARY 24 INCH STOP BAR, PAINT

STA. 120+51 - STA. 120+70 RT (TH#19)

TEMPORARY LETTER OF SYMBOL, PAINT

STA. 120+62 RT "STOP" (TH#19)

BARRIER FENCE

STA. 118+50 - STA. 119+53

EROSION LOG

STA. 118+50 - STA. 119+53

STONE FILL, TYPE 1

STA. 119+25 - STA. 119+45 LT
STA. 119+45 - STA. 119+70 RT
STA. 120+80 - STA. 123+85 RT
STA. 124+20 - STA. 124+25 RT

GRUBBING MATERIAL

STA. 119+25 - STA. 119+45 LT
STA. 119+45 - STA. 119+70 RT
STA. 120+80 - STA. 123+85 RT
STA. 124+20 - STA. 124+25 RT

GEOTEXTILE UNDER STONE FILL

STA. 119+25 - STA. 119+45 LT
STA. 119+45 - STA. 119+70 RT
STA. 120+80 - STA. 123+85 RT
STA. 124+20 - STA. 124+25 RT

GEOTEXTILE FOR SILT FENCE

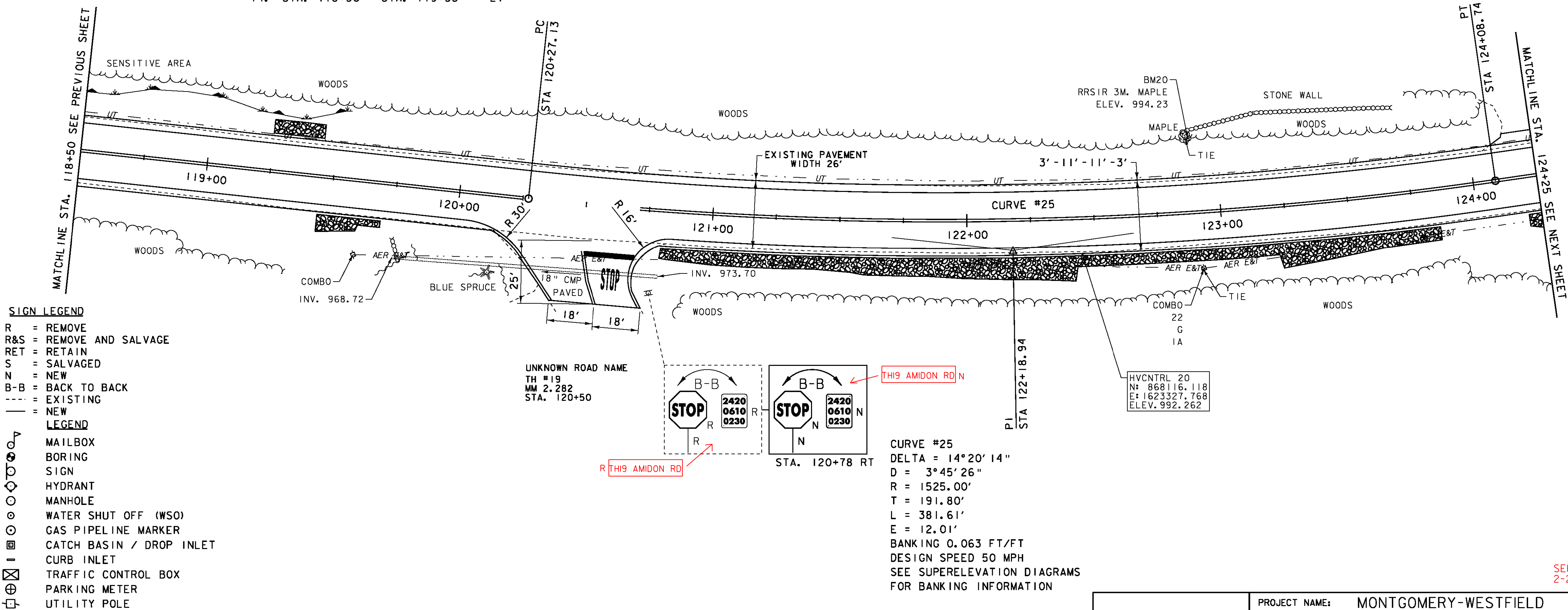
STA. 119+25 - STA. 119+45 LT
STA. 119+45 - STA. 119+70 RT
STA. 120+80 - STA. 123+85 RT
STA. 124+20 - STA. 124+25 RT

REMOVING SIGNS

AS SHOWN - 2

ENVIRONMENTALLY SENSITIVE LOCATIONS:

NO.	LIMITS	POS.	TYPE
14.	STA. 118+50 - STA. 119+53	LT	-



SIGN LEGEND

- R = REMOVE
- R&S = REMOVE AND SALVAGE
- RET = RETAIN
- S = SALVAGED
- N = NEW
- B-B = BACK TO BACK
- = EXISTING
- = NEW

LEGEND

- MAILBOX
- BORING
- SIGN
- HYDRANT
- MANHOLE
- WATER SHUT OFF (WSO)
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- UTILITY POLE

DATUM	NAVD 88
	NAD 83

SCALE IN FEET
20 0 20

PROJECT LAYOUT SHEET 22

PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(I)

FILE NAME: ploci90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: ploci90_43.1

PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 43 OF 178

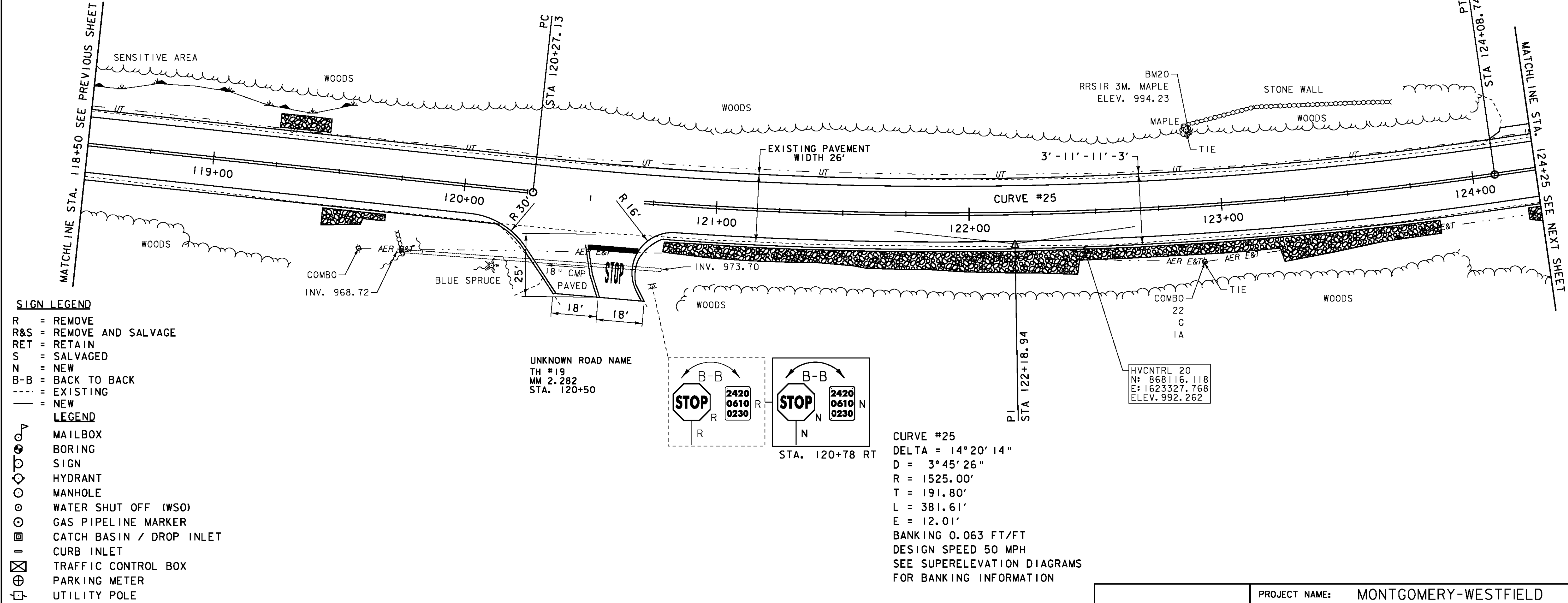
SEH
2-25-14

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. 118+50 - STA. 124+25 (SOLID LT & RT)
(WITH EDGELINE BREAKS AT TH #19)
STA. 120+57 RT (EDGELINES TH #19)
DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. 118+50 - STA. 124+25 (SOLID LT & RT)
(WITH CENTERLINE BREAK AT TH #19)
STA. 120+57 RT (CENTERLINE TH #19)
DURABLE 24 INCH STOP BAR (SEE OPTION ITEMS)
STA. 120+51 - STA. 120+70 RT (TH#19)
DURABLE LETTER OF SYMBOL (SEE OPTION ITEMS)
STA. 120+62 RT "STOP" (TH#19)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 118+50 - STA. 124+25 (SOLID LT & RT)
(WITH EDGELINE BREAKS AT TH #19)
STA. 120+57 RT (EDGELINES TH #19)
TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 118+50 - STA. 124+25 (SOLID LT & RT)
(WITH CENTERLINE BREAK AT TH #19)
STA. 120+57 RT (CENTERLINE TH #19)
TEMPORARY 24 INCH STOP BAR, PAINT
STA. 120+51 - STA. 120+70 RT (TH#19)
TEMPORARY LETTER OF SYMBOL, PAINT
STA. 120+62 RT "STOP" (TH#19)
BARRIER FENCE
STA. 118+50 - STA. 119+53
EROSION LOG
STA. 118+50 - STA. 119+53

STONE FILL, TYPE I
STA. 119+25 - STA. 119+45 LT
STA. 119+45 - STA. 119+70 RT
STA. 120+80 - STA. 123+85 RT
STA. 124+20 - STA. 124+25 RT
GRUBBING MATERIAL
STA. 119+25 - STA. 119+45 LT
STA. 119+45 - STA. 119+70 RT
STA. 120+80 - STA. 123+85 RT
STA. 124+20 - STA. 124+25 RT
GEOTEXTILE UNDER STONE FILL
STA. 119+25 - STA. 119+45 LT
STA. 119+45 - STA. 119+70 RT
STA. 120+80 - STA. 123+85 RT
STA. 124+20 - STA. 124+25 RT
GEOTEXTILE FOR SILT FENCE
STA. 119+25 - STA. 119+45 LT
STA. 119+45 - STA. 119+70 RT
STA. 120+80 - STA. 123+85 RT
STA. 124+20 - STA. 124+25 RT
REMOVING SIGNS
AS SHOWN - 2

ENVIRONMENTALLY SENSITIVE LOCATIONS:
NO. LIMITS POS. TYPE
14. STA. 118+50 - STA. 119+53 LT -



- SIGN LEGEND**
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGED
N = NEW
B-B = BACK TO BACK
--- = EXISTING
— = NEW
- LEGEND**
MAILBOX
BORING
SIGN
HYDRANT
MANHOLE
WATER SHUT OFF (WSO)
GAS PIPELINE MARKER
CATCH BASIN / DROP INLET
CURB INLET
TRAFFIC CONTROL BOX
PARKING METER
UTILITY POLE

DATUM	NAVD 88
	NAD 83



PROJECT LAYOUT SHEET 22	PROJECT NAME: MONTGOMERY-WESTFIELD
	PROJECT NUMBER: STP 2906(I)
	FILE NAME: p10CI90.dgn
	PLOT DATE: 9/5/12
	PROJECT LEADER: CDL
	DRAWN BY: SJL
	DESIGNED BY: SJL
	CHECKED BY: EPD
	PLOT FILE: p10CI90_43.I
	SHEET 43 OF 178

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. 124+25 - STA. 129+75 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. 124+25 - STA. 129+75 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 124+25 - STA. 129+75 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 124+25 - STA. 129+75 (SOLID LT & RT)

6 INCH UNDERDRAIN PIPE
STA. 126+50 - STA. 129+75 LT

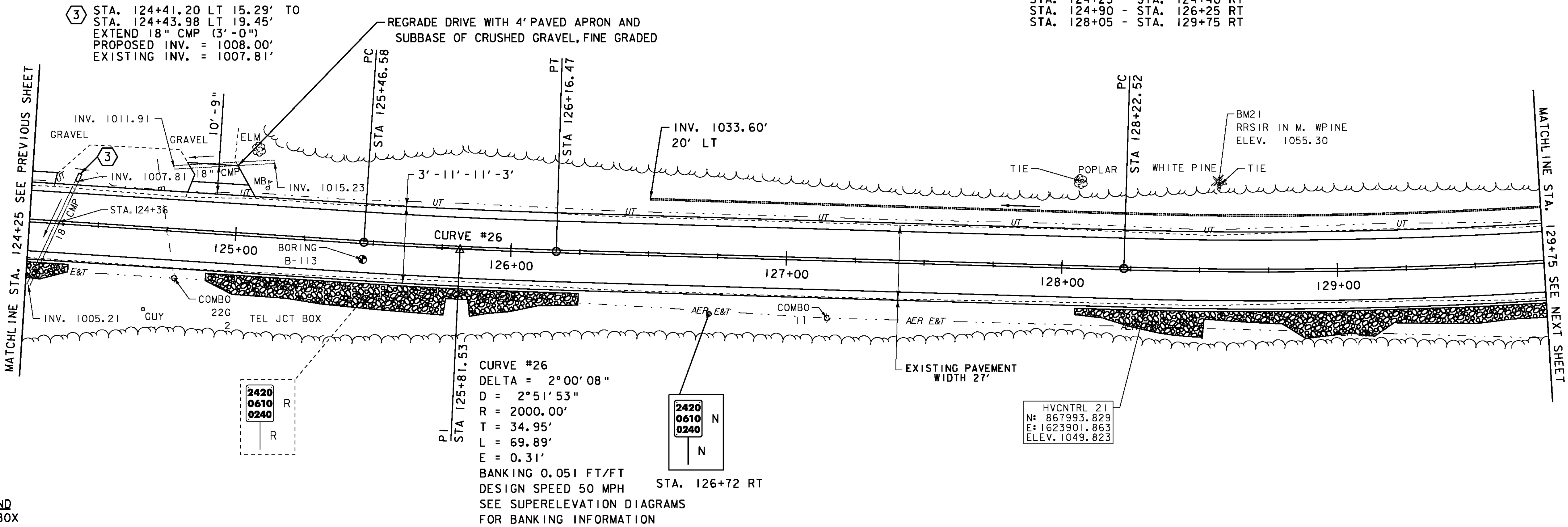
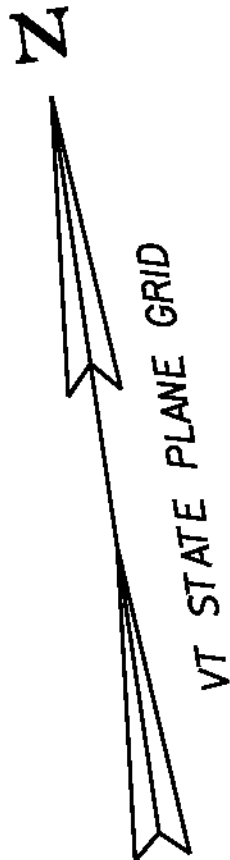
REMOVING SIGNS
AS SHOWN - 1

STONE FILL, TYPE 1
STA. 124+25 - STA. 124+40 RT
STA. 124+90 - STA. 126+25 RT
STA. 128+05 - STA. 129+75 RT

GRUBBING MATERIAL
STA. 124+25 - STA. 124+40 RT
STA. 124+90 - STA. 126+25 RT
STA. 128+05 - STA. 129+75 RT

GEOTEXTILE UNDER STONE FILL
STA. 124+25 - STA. 124+40 RT
STA. 124+90 - STA. 126+25 RT
STA. 128+05 - STA. 129+75 RT

GEOTEXTILE FOR SILT FENCE
STA. 124+25 - STA. 124+40 RT
STA. 124+90 - STA. 126+25 RT
STA. 128+05 - STA. 129+75 RT



- LEGEND**
- MAILBOX
 - BORING
 - SIGN
 - HYDRANT
 - MANHOLE
 - WATER SHUT OFF (WSO)
 - GAS PIPELINE MARKER
 - CATCH BASIN / DROP INLET
 - CURB INLET
 - TRAFFIC CONTROL BOX
 - PARKING METER
 - UTILITY POLE

- SIGN LEGEND**
- R = REMOVE
 - R&S = REMOVE AND SALVAGE
 - RET = RETAIN
 - S = SALVAGED
 - N = NEW
 - B-B = BACK TO BACK
 - = EXISTING
 - = NEW

DATUM
NAVD 88
NAD 83

SCALE IN FEET
20 0 20

**PROJECT
LAYOUT
SHEET 23**

PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(1)
FILE NAME: p10CI90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10CI90_44.1
PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 44 OF 178

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. 129+75 - STA. 135+75 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. 129+75 - STA. 135+75 (SOLID LT & RT)

6 INCH UNDERDRAIN PIPE
STA. 129+75 - STA. 132+00 LT

BARRIER FENCE
STA. 134+64 - STA. 135+75 LT

EROSION LOG
STA. 134+64 - STA. 135+75 LT

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 129+75 - STA. 135+75 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 129+75 - STA. 135+75 (SOLID LT & RT)
GEOTEXTILE FOR SILT FENCE

STA. 129+75 - STA. 130+30 RT
STA. 132+25 - STA. 132+90 RT
STA. 135+55 - STA. 135+75 LT

GEOTEXTILE UNDER STONE FILL
STA. 129+75 - STA. 130+30 RT
STA. 132+25 - STA. 132+90 RT
STA. 135+55 - STA. 135+75 LT

STONE FILL, TYPE I
STA. 129+75 - STA. 130+30 RT
STA. 132+25 - STA. 132+90 RT
STA. 135+55 - STA. 135+75 LT

GRUBBING MATERIAL
STA. 129+75 - STA. 130+30 RT
STA. 132+25 - STA. 132+90 RT
STA. 135+55 - STA. 135+75 LT

CURVE #28
DELTA = 16°07'38"
D = 6°11'39"
R = 925.00'
T = 131.05'
L = 260.36'
E = 9.24'
BANKING 0.077 FT/FT
DESIGN SPEED 50 MPH
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION

ENVIRONMENTALLY SENSITIVE LOCATIONS:

NO.	LIMITS	POS.	TYPE
15.	STA. 134+64 - STA. 135+75	LT	-

REGRADE DRIVE WITH 4' PAVED APRON AND
SUBBASE OF CRUSHED GRAVEL, FINE GRADED

HVCNTRL 22
N: 868015.413
E: 1624422.127
ELEV. 1063.138

CHERRY
APPLE
TIE
ASH
MAPLE
LILAC

INV. 1060.11
BM22
RRSIT M. POPLAR
ELV. 1062.92

INV. 1056.25'
20' LT

INV. 1057.96

INV. 1061.88
INV. 1062.67
12" CMP
GRAVEL
MB
SENSITIVE AREA

CURVE #28

135+00

COMBO
5
3
55

METER
COMBO
22G
5
GUY

PC STA 133+59.95

CURVE #27
DELTA = 16°15'53"
D = 3°28'21"
R = 1650.00'
T = 235.78'
L = 468.39'
E = 16.76'
BANKING 0.058 FT/FT
DESIGN SPEED 50 MPH
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION

SIGN LEGEND

R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGED
N = NEW
B-B = BACK TO BACK
--- = EXISTING
— = NEW

LEGEND
MAILBOX
BORING
SIGN
HYDRANT
MANHOLE
WATER SHUT OFF (WSO)
GAS PIPELINE MARKER
CATCH BASIN / DROP INLET
CURB INLET
TRAFFIC CONTROL BOX
PARKING METER
UTILITY POLE

DATUM
NAVD 88
NAD 83

SCALE IN FEET
20 0 20

**PROJECT
LAYOUT
SHEET 24**

PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(1)
FILE NAME: p10CI90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10CI90_45.I
PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 45 OF 178

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. 141+25 - STA. 146+75 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. 141+25 - STA. 146+75 (SOLID LT & RT)

BARRIER FENCE
STA. 141+25 - STA. 141+45 LT
STA. 143+71 - STA. 146+75 LT

EROSION LOG
STA. 141+25 - STA. 141+45 LT
STA. 143+71 - STA. 146+75 LT

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 141+25 - STA. 146+75 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 141+25 - STA. 146+75 (SOLID LT & RT)

6 INCH UNDERDRAIN PIPE
STA. ~~143+00~~ - STA. 146+75 LT
142+98

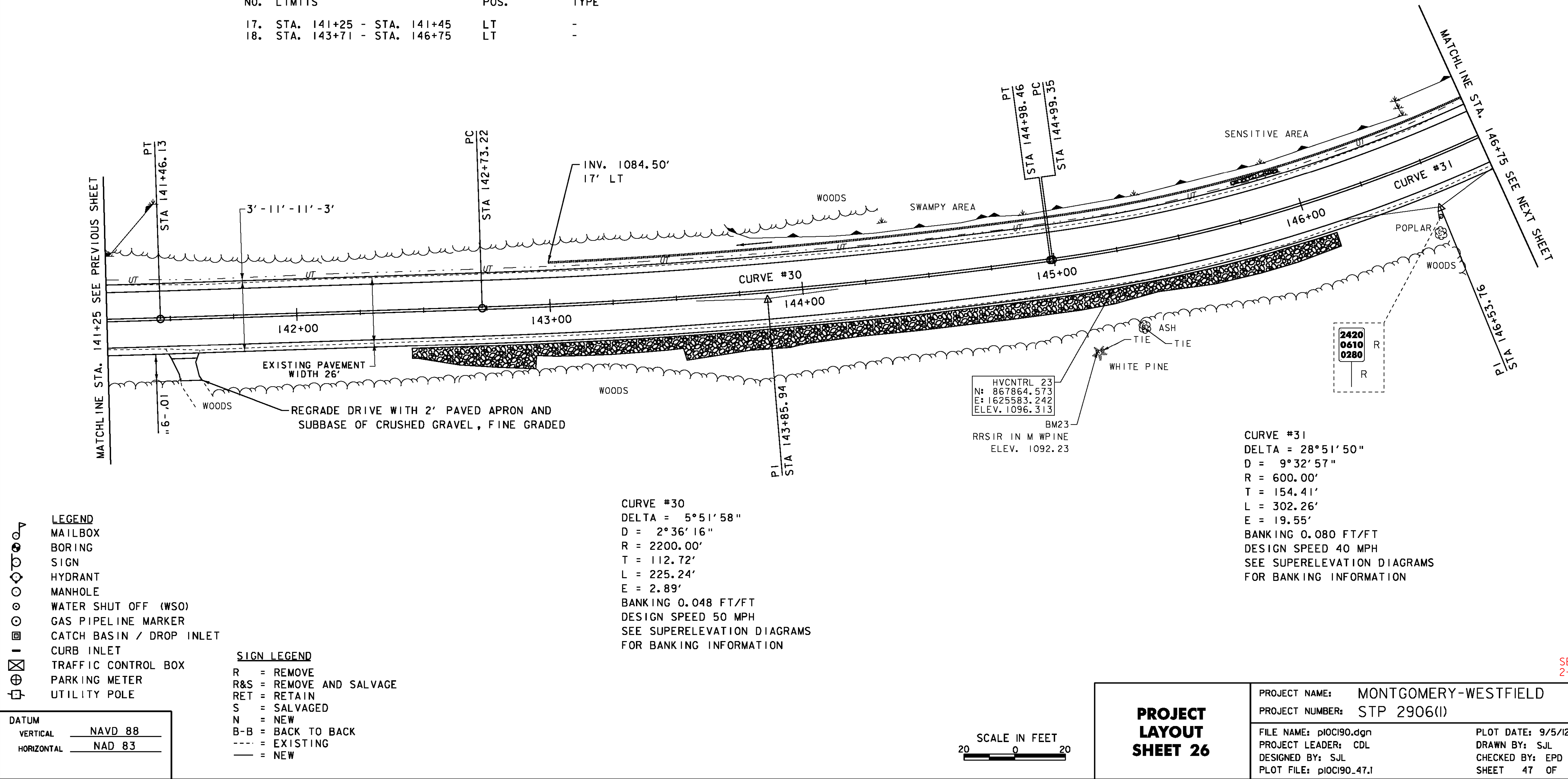
STONE FILL, TYPE I
STA. 142+45 - STA. 146+10 RT
STA. 145+75 - STA. 145+95 LT

GRUBBING MATERIAL
STA. 142+45 - STA. 146+10 RT
STA. 145+75 - STA. 145+95 LT
GEOTEXTILE UNDER STONE FILL
STA. 142+45 - STA. 146+10 RT
STA. 145+75 - STA. 145+95 LT
GEOTEXTILE FOR SILT FENCE
STA. 142+45 - STA. 146+10 RT
STA. 145+75 - STA. 145+95 LT

REMOVING SIGNS
AS SHOWN - 1

ENVIRONMENTALLY SENSITIVE LOCATIONS:

NO.	LIMITS	POS.	TYPE
17.	STA. 141+25 - STA. 141+45	LT	-
18.	STA. 143+71 - STA. 146+75	LT	-



DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. 146+75 - STA. 151+75 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 146+75 - STA. 151+75 (SOLID LT & RT)

6 INCH UNDERDRAIN PIPE
STA. 146+75 - STA. 147+00-~~LT~~
148+81

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. 146+75 - STA. 151+75 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 146+75 - STA. 151+75 (SOLID LT & RT)

RELOCATE MAILBOX, SINGLE SUPPORT
STA. 147+27 LT

BARRIER FENCE

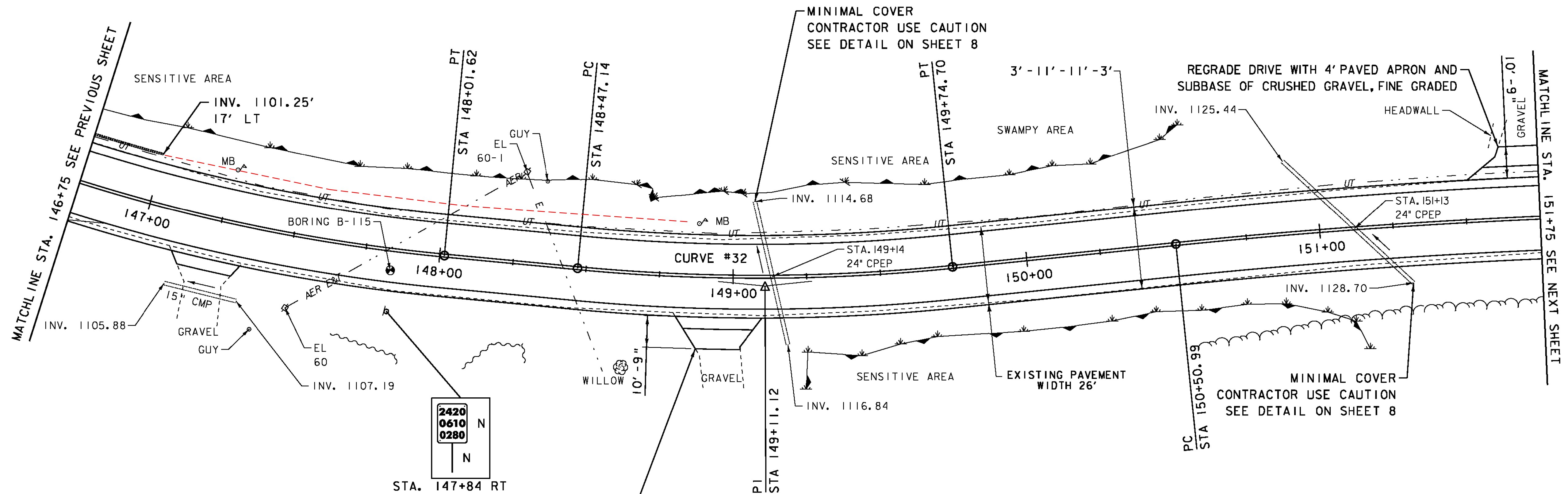
STA. 146+75 - STA. 150+55 LT
STA. 149+24 - STA. 151+14 RT

EROSION LOG

STA. 146+75 - STA. 150+55 LT
STA. 149+24 - STA. 151+14 RT

ENVIRONMENTALLY SENSITIVE LOCATIONS:

NO.	LIMITS	POS.	TYPE
18.	STA. 146+75 - STA. 150+55	LT	-
19.	STA. 149+24 - STA. 151+14	RT	-



CURVE #32
DELTA = 11°14'40"
D = 8°48'53"
R = 650.00'
T = 63.99'
L = 127.56'
E = 3.14'
BANKING 0.080 FT/FT
DESIGN SPEED 45 MPH
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION

SIGN LEGEND

R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGED
N = NEW
B-B = BACK TO BACK
--- = EXISTING
— = NEW

LEGEND

MAILBOX
BORING
SIGN
HYDRANT

MANHOLE
WATER SHUT OFF (WSO)
GAS PIPELINE MARKER
CATCH BASIN / DROP INLET

CURB INLET
TRAFFIC CONTROL BOX
PARKING METER
UTILITY POLE

SCALE IN FEET
20 0 20

**PROJECT
LAYOUT
SHEET 27**

PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(I)

FILE NAME: p10CI90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10CI90_48.1

PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 48 OF 178

SEH
2-25-14

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)

STA. 151+75 - STA. 157+25 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)

STA. 151+75 - STA. 157+25 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT

STA. 151+75 - STA. 157+25 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT

STA. 151+75 - STA. 157+25 (SOLID LT & RT)

6 INCH UNDERDRAIN PIPE

STA. ~~156+50~~ - STA. 157+25 LT

155+70

REMOVING SIGNS

AS SHOWN - 4

STONE FILL, TYPE I

STA. 151+80 - STA. 153+10 LT

GRUBBING MATERIAL

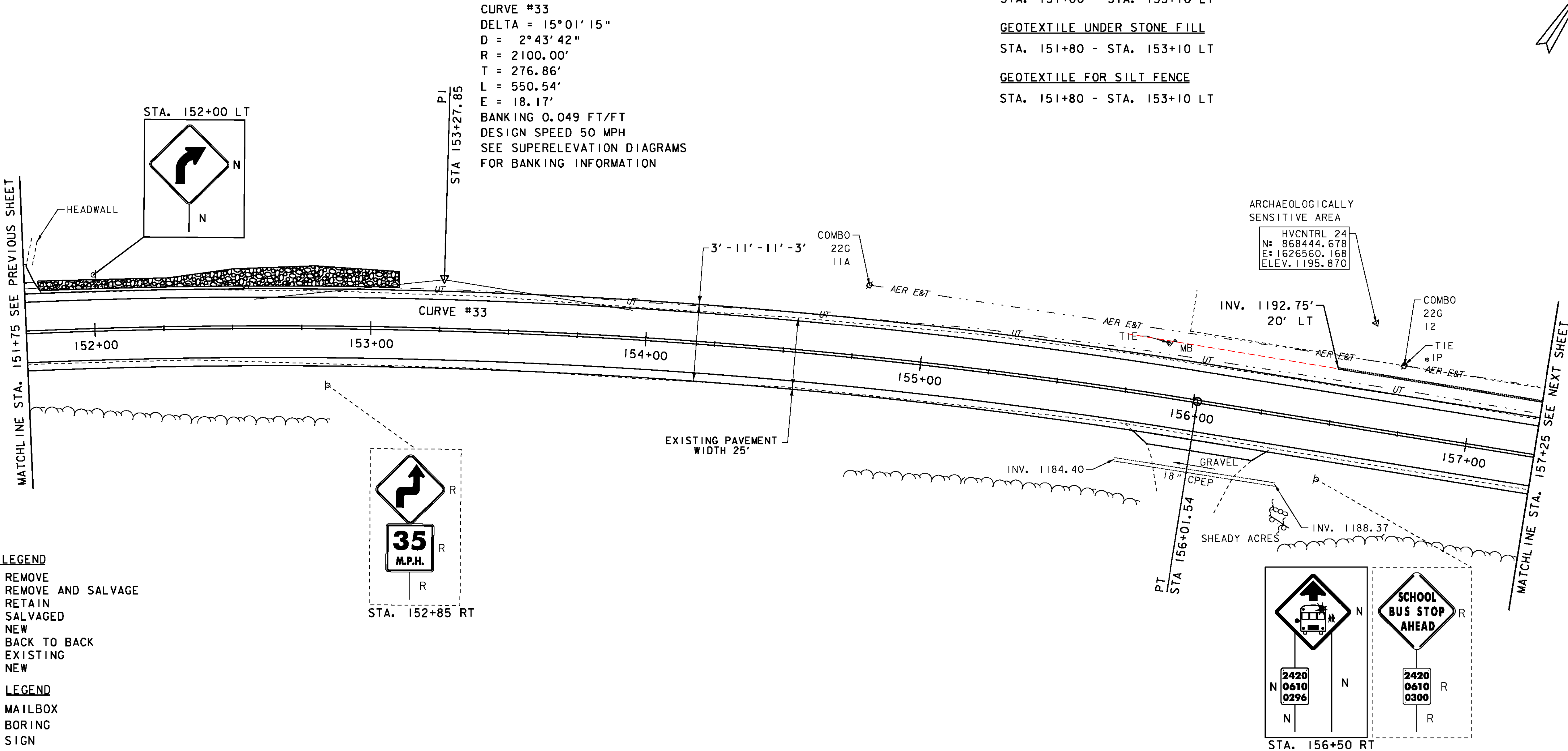
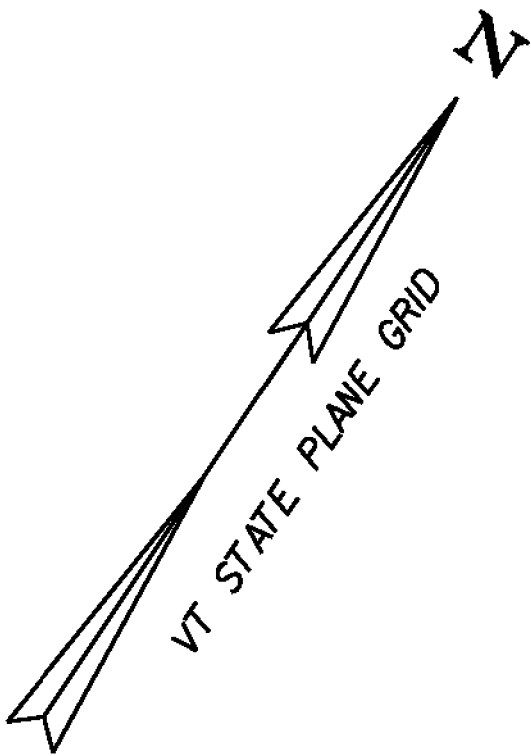
STA. 151+80 - STA. 153+10 LT

GEOTEXTILE UNDER STONE FILL

STA. 151+80 - STA. 153+10 LT

GEOTEXTILE FOR SILT FENCE

STA. 151+80 - STA. 153+10 LT



SIGN LEGEND

- R = REMOVE
- R&S = REMOVE AND SALVAGE
- RET = RETAIN
- S = SALVAGED
- N = NEW
- B-B = BACK TO BACK
- = EXISTING
- = NEW

LEGEND

- MAILBOX
- BORING
- SIGN
- HYDRANT
- MANHOLE
- WATER SHUT OFF (WSO)
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- UTILITY POLE

DATUM	NAVD 88
	NAD 83



PROJECT LAYOUT SHEET 28	PROJECT NAME: MONTGOMERY-WESTFIELD	
	PROJECT NUMBER: STP 2906(I)	
	FILE NAME: p10CI90.dgn	PLOT DATE: 9/5/12
	PROJECT LEADER: CDL	DRAWN BY: SJL
	DESIGNED BY: SJL	CHECKED BY: EPD
	PLOT FILE: p10CI90_49.I	SHEET 49 OF 178

SEH
2-25-14

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. 151+75 - STA. 157+25 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 151+75 - STA. 157+25 (SOLID LT & RT)

6 INCH UNDERDRAIN PIPE
STA. 156+50 - STA. 157+25 LT

REMOVING SIGNS
AS SHOWN - 4

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. 151+75 - STA. 157+25 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 151+75 - STA. 157+25 (SOLID LT & RT)

STONE FILL, TYPE I
STA. 151+80 - STA. 153+10 LT

GRUBBING MATERIAL

STA. 151+80 - STA. 153+10 LT

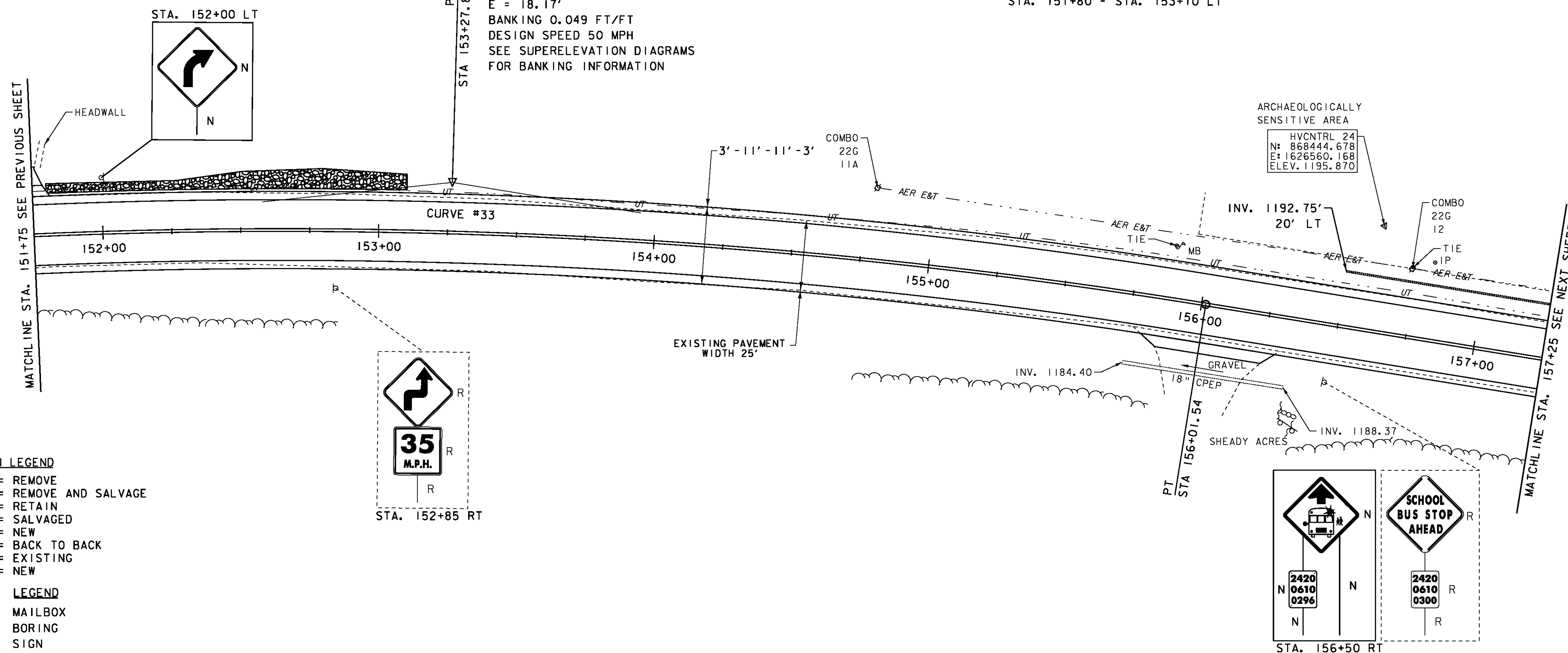
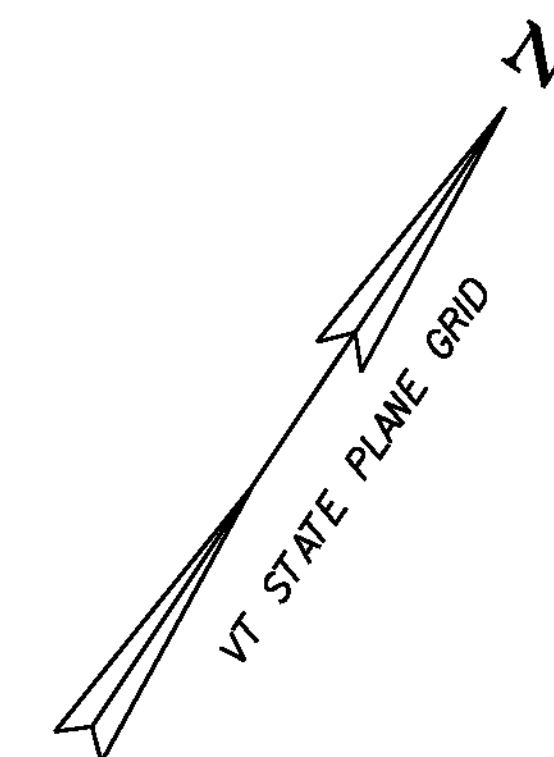
GEOTEXTILE UNDER STONE FILL

STA. 151+80 - STA. 153+10 LT

GEOTEXTILE FOR SILT FENCE

STA. 151+80 - STA. 153+10 LT

CURVE #33
DELTA = 15°01'15"
D = 2°43'42"
R = 2100.00'
T = 276.86'
L = 550.54'
E = 18.17'
BANKING 0.049 FT/FT
DESIGN SPEED 50 MPH
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION



SIGN LEGEND

R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGED
N = NEW
B-B = BACK TO BACK
--- = EXISTING
— = NEW

LEGEND

MAILBOX
BORING
SIGN
HYDRANT
MANHOLE
WATER SHUT OFF (WSO)
GAS PIPELINE MARKER
CATCH BASIN / DROP INLET
CURB INLET
TRAFFIC CONTROL BOX
PARKING METER
UTILITY POLE

DATUM

NAVD 88
NAD 83

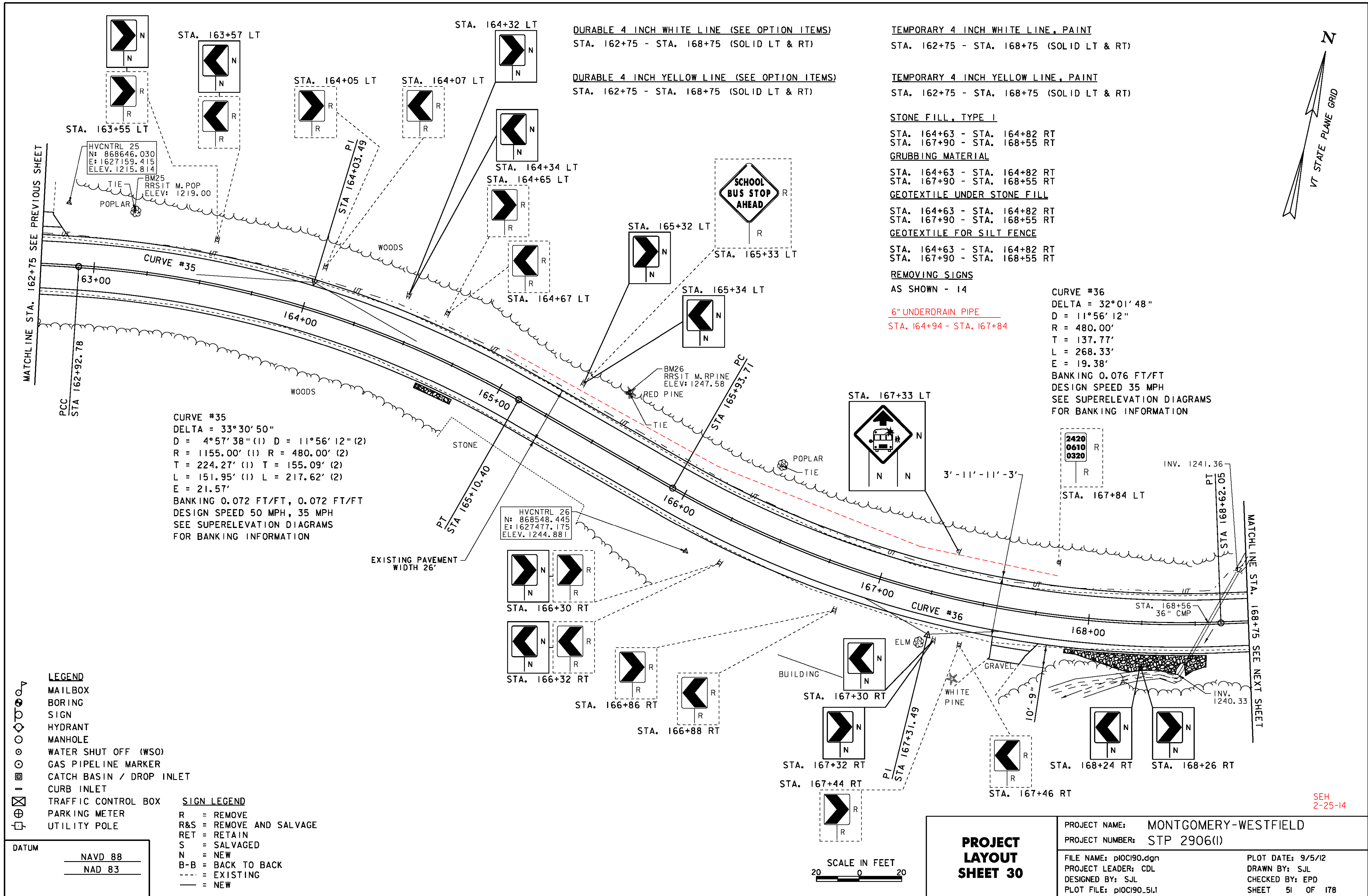
SCALE IN FEET
20 0 20

**PROJECT
LAYOUT
SHEET 28**

PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(1)

FILE NAME: p10CI90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10CI90_49.1

PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 49 OF 178



DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. 168+75 - STA. 174+25 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 168+75 - STA. 174+25 (SOLID LT & RT)

6 INCH UNDERDRAIN PIPE
STA. ~~170+00~~ - STA. ~~172+50~~ RT
170+72 174+25

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. 168+75 - STA. 174+25 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 168+75 - STA. 174+25 (SOLID LT & RT)

RELOCATE MAILBOX, SINGLE SUPPORT
STA. 172+56 LT
STA. 172+58 LT

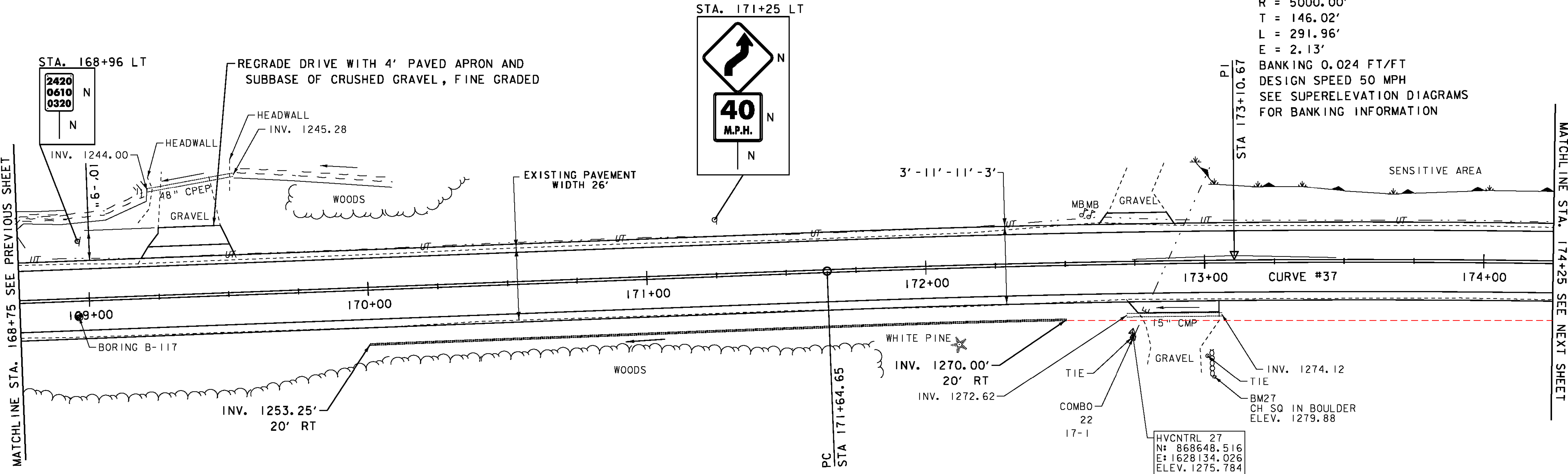
BARRIER FENCE
STA. 172+97 - STA. 174+25 LT

EROSION LOG
STA. 172+97 - STA. 174+25 LT

ENVIRONMENTALLY SENSITIVE LOCATIONS:

NO.	LIMITS	POS.	TYPE
20.	STA. 172+97 - STA. 174+25	LT	-

CURVE #37
DELTA = 3°20'44"
D = 1°08'45"
R = 5000.00'
T = 146.02'
L = 291.96'
E = 2.13'
BANKING 0.024 FT/FT
DESIGN SPEED 50 MPH
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION



- LEGEND**
- MAILBOX
 - BORING
 - SIGN
 - HYDRANT
 - MANHOLE
 - WATER SHUT OFF (WSO)
 - GAS PIPELINE MARKER
 - CATCH BASIN / DROP INLET
 - CURB INLET
 - TRAFFIC CONTROL BOX
 - PARKING METER
 - UTILITY POLE

- SIGN LEGEND**
- R = REMOVE
 - R&S = REMOVE AND SALVAGE
 - RET = RETAIN
 - S = SALVAGED
 - N = NEW
 - B-B = BACK TO BACK
 - = EXISTING
 - = NEW

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE IN FEET
20 0 20

**PROJECT
LAYOUT
SHEET 31**

PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(1)

FILE NAME: pIOC190.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: pIOC190_52.1

PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 52 OF 178

SEH
2-25-14

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. 174+25 - STA. 179+75 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 174+25 - STA. 179+75 (SOLID LT & RT)

REMOVING SIGNS
AS SHOWN - 3

BARRIER FENCE
STA. 174+25 - STA. 175+34 LT

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. 174+25 - STA. 179+00 (SOLID LT & RT)
STA. 179+00 - STA. 179+75 (SOLID LT, DASHED RT)

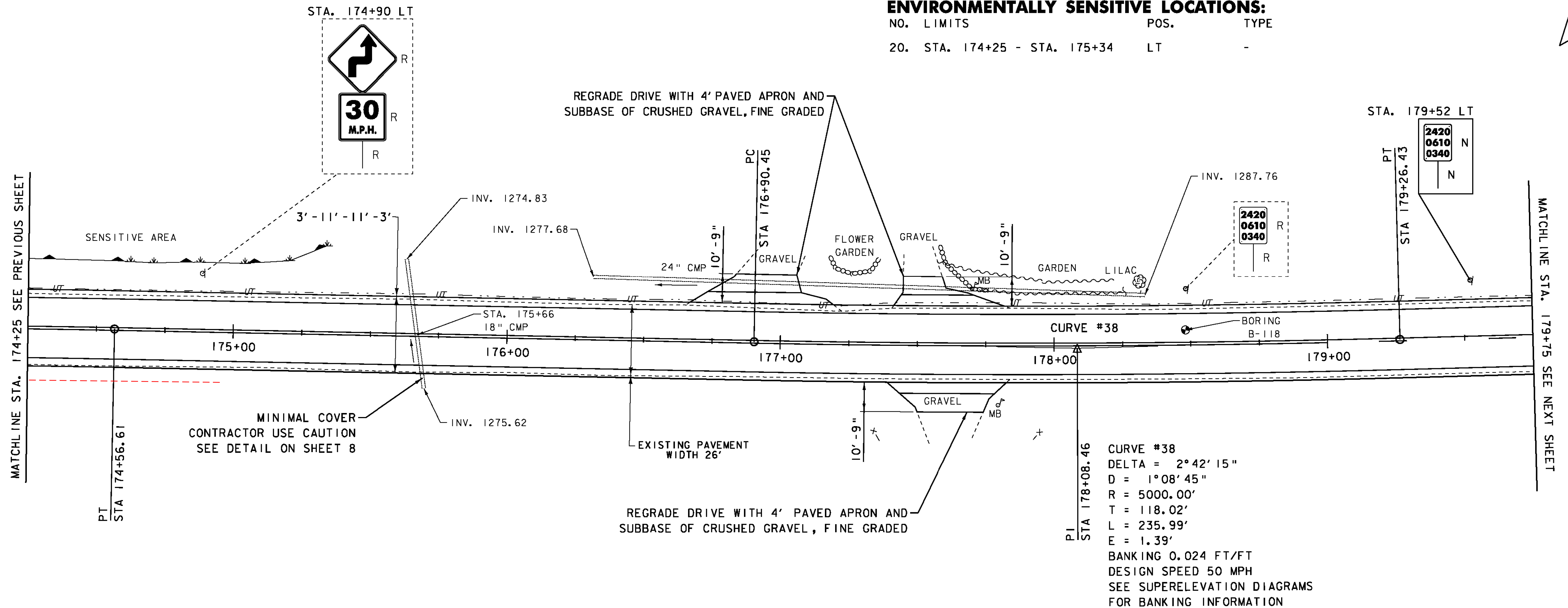
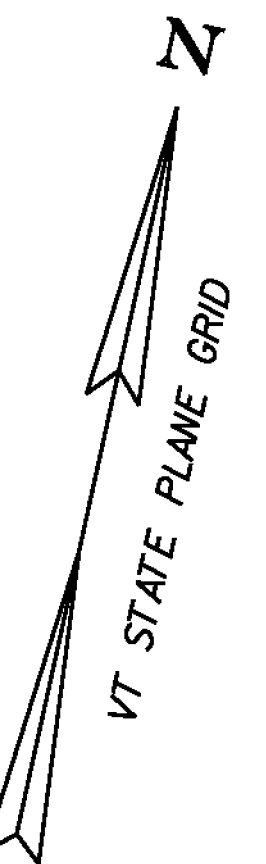
TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 174+25 - STA. 179+00 (SOLID LT & RT)
STA. 179+00 - STA. 179+75 (SOLID LT, DASHED RT)

EROSION LOG
STA. 174+25 - STA. 175+34 LT

6" UNDERDRAIN PIPE
STA. 174+25 - STA. 174+92 LT

ENVIRONMENTALLY SENSITIVE LOCATIONS:

NO.	LIMITS	POS.	TYPE
20.	STA. 174+25 - STA. 175+34	LT	-



- LEGEND**
- MAILBOX
 - BORING
 - SIGN
 - HYDRANT
 - MANHOLE
 - WATER SHUT OFF (WSO)
 - GAS PIPELINE MARKER
 - CATCH BASIN / DROP INLET
 - CURB INLET
 - TRAFFIC CONTROL BOX
 - PARKING METER
 - UTILITY POLE

- SIGN LEGEND**
- R = REMOVE
 - R&S = REMOVE AND SALVAGE
 - RET = RETAIN
 - S = SALVAGED
 - N = NEW
 - B-B = BACK TO BACK
 - = EXISTING
 - = NEW

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE IN FEET
20 0 20

**PROJECT
LAYOUT
SHEET 32**

PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(I)

FILE NAME: p10C190.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C190_53.I

PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 53 OF 178

SEH
2-25-14

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. 174+25 - STA. 179+75 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 174+25 - STA. 179+75 (SOLID LT & RT)

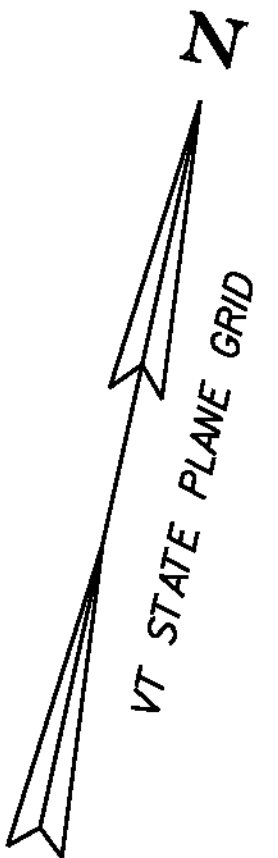
REMOVING SIGNS
AS SHOWN - 3

BARRIER FENCE
STA. 174+25 - STA. 175+34 LT

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. 174+25 - STA. 179+00 (SOLID LT & RT)
STA. 179+00 - STA. 179+75 (SOLID LT, DASHED RT)

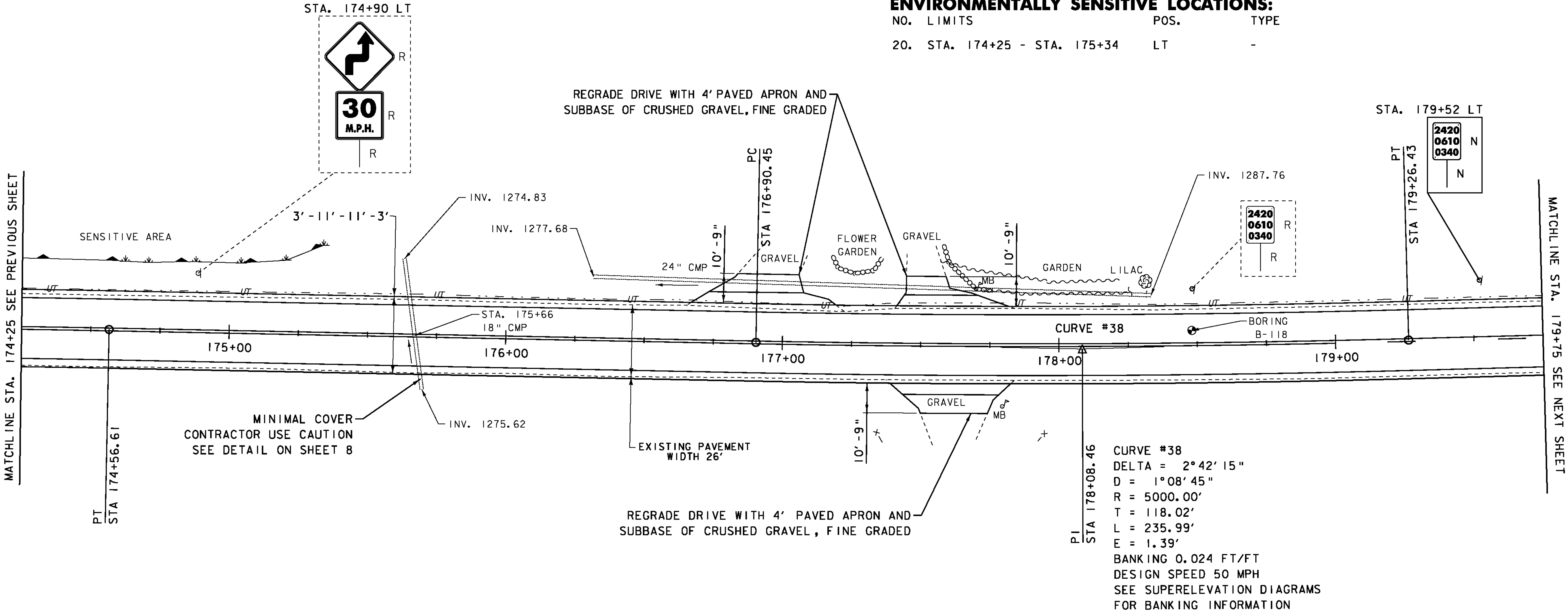
TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 174+25 - STA. 179+00 (SOLID LT & RT)
STA. 179+00 - STA. 179+75 (SOLID LT, DASHED RT)

EROSION LOG
STA. 174+25 - STA. 175+34 LT



ENVIRONMENTALLY SENSITIVE LOCATIONS:

NO.	LIMITS	POS.	TYPE
20.	STA. 174+25 - STA. 175+34	LT	-



- LEGEND**
- MAILBOX
 - BORING
 - SIGN
 - HYDRANT
 - MANHOLE
 - WATER SHUT OFF (WSO)
 - GAS PIPELINE MARKER
 - CATCH BASIN / DROP INLET
 - CURB INLET
 - TRAFFIC CONTROL BOX
 - PARKING METER
 - UTILITY POLE

- SIGN LEGEND**
- R = REMOVE
 - R&S = REMOVE AND SALVAGE
 - RET = RETAIN
 - S = SALVAGED
 - N = NEW
 - B-B = BACK TO BACK
 - = EXISTING
 - = NEW

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE IN FEET
20 0 20

**PROJECT
LAYOUT
SHEET 32**

PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(I)
FILE NAME: p10CI90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10CI90_53.I
PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 53 OF 178

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. 179+75 - STA. 185+50 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 179+75 - STA. 185+50 (SOLID LT & RT)

REMOVING SIGNS
AS SHOWN - 2

BARRIER FENCE
STA. 180+46 - STA. 185+50 RT
STA. 183+64 - STA. 185+06 LT

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. 179+75 - STA. 185+25 (SOLID LT, DASHED RT)
STA. 185+25 - STA. 185+50 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 179+75 - STA. 185+25 (SOLID LT, DASHED RT)
STA. 185+25 - STA. 185+50 (SOLID LT & RT)

EROSION LOG
STA. 180+46 - STA. 185+50 RT
STA. 183+64 - STA. 185+06 LT

STONE FILL, TYPE I
STA. 183+52 - STA. 183+80 RT

GRUBBING MATERIAL
STA. 183+52 - STA. 183+80 RT

GEOTEXTILE UNDER STONE FILL
STA. 183+52 - STA. 183+80 RT

GEOTEXTILE FOR SILT FENCE
STA. 183+52 - STA. 183+80 RT

ENVIRONMENTALLY SENSITIVE LOCATIONS:

NO.	LIMITS	POS.	TYPE
21.	STA. 180+46 - STA. 185+50	RT	-
22.	STA. 183+64 - STA. 185+06	LT	-

CURVE #40
DELTA = 1°37'52"
D = 1°08'45"
R = 5000.00'
T = 71.18'
L = 142.35'
E = 0.51'
BANKING 0.024 FT/FT
DESIGN SPEED 50 MPH
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION

CURVE #39
DELTA = 1°43'12"
D = 1°08'45"
R = 5000.00'
T = 75.06'
L = 150.11'
E = 0.56'
BANKING 0.024 FT/FT
DESIGN SPEED 50 MPH
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION

HVCNTRL 28
N: 868918.061
E: 1629132.923
ELEV. 1302.828

REGRADE DRIVE WITH 4' PAVED APRON AND
SUBBASE OF CRUSHED GRAVEL, FINE GRADED

SENSITIVE AREA

SWAMPY AREA

INV. 1301.36

STA. 183+64
18" CPEP

INV. 1299.63

ELM
CAULT

PC STA 184+42.85

PT STA 182+75.95

TIE
POPLAR

TIE
POPLAR

BM28
RRSIR M. POP
ELEV. 1300.72

PC STA 181+25.84

PT STA 182+00.90

WOODS

SENSITIVE AREA

WOODS

WOODS

SENSITIVE AREA

WOODS

EXISTING PAVEMENT
WIDTH 26'

3' - 11' - 11' - 3'

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SENSITIVE AREA

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EXISTING PAVEMENT
WIDTH 26'

3' - 11' - 11' - 3'

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EXISTING PAVEMENT
WIDTH 26'

3' - 11' - 11' - 3'

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EXISTING PAVEMENT
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3' - 11' - 11' - 3'

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SENSITIVE AREA

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EXISTING PAVEMENT
WIDTH 26'

3' - 11' - 11' - 3'

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EXISTING PAVEMENT
WIDTH 26'

3' - 11' - 11' - 3'

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SENSITIVE AREA

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EXISTING PAVEMENT
WIDTH 26'

3' - 11' - 11' - 3'

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EXISTING PAVEMENT
WIDTH 26'

3' - 11' - 11' - 3'

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EXISTING PAVEMENT
WIDTH 26'

3' - 11' - 11' - 3'

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SENSITIVE AREA

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EXISTING PAVEMENT
WIDTH 26'

3' - 11' - 11' - 3'

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SENSITIVE AREA

WOODS

EXISTING PAVEMENT
WIDTH 26'

3' - 11' - 11' - 3'

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SENSITIVE AREA

WOODS

EXISTING PAVEMENT
WIDTH 26'

3' - 11' - 11' - 3'

WOODS

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DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. 190+50 - STA. 196+50 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 190+50 - STA. 196+50 (SOLID LT & RT)

REMOVING SIGNS
AS SHOWN - 2

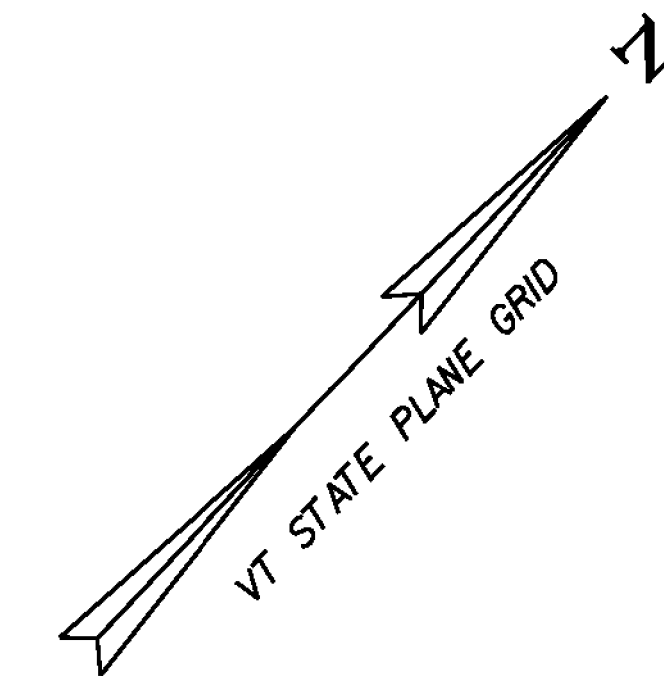
BARRIER FENCE
STA. 191+54 - STA. 193+47 LT

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. 190+50 - STA. 196+50 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 190+50 - STA. 196+50 (SOLID LT & RT)

EROSION LOG
STA. 191+54 - STA. 193+47 LT

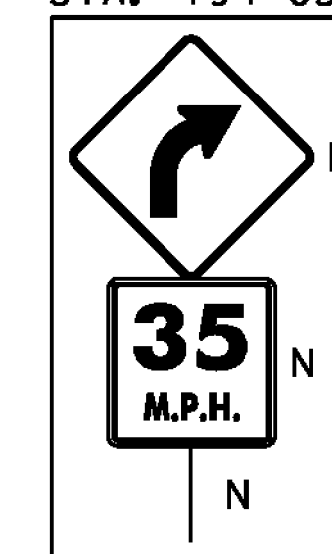
6" UNDERDRAIN PIPE
STA. 190+50 - STA. 191+50 LT
STA. 193+36 - STA. 195+56 LT



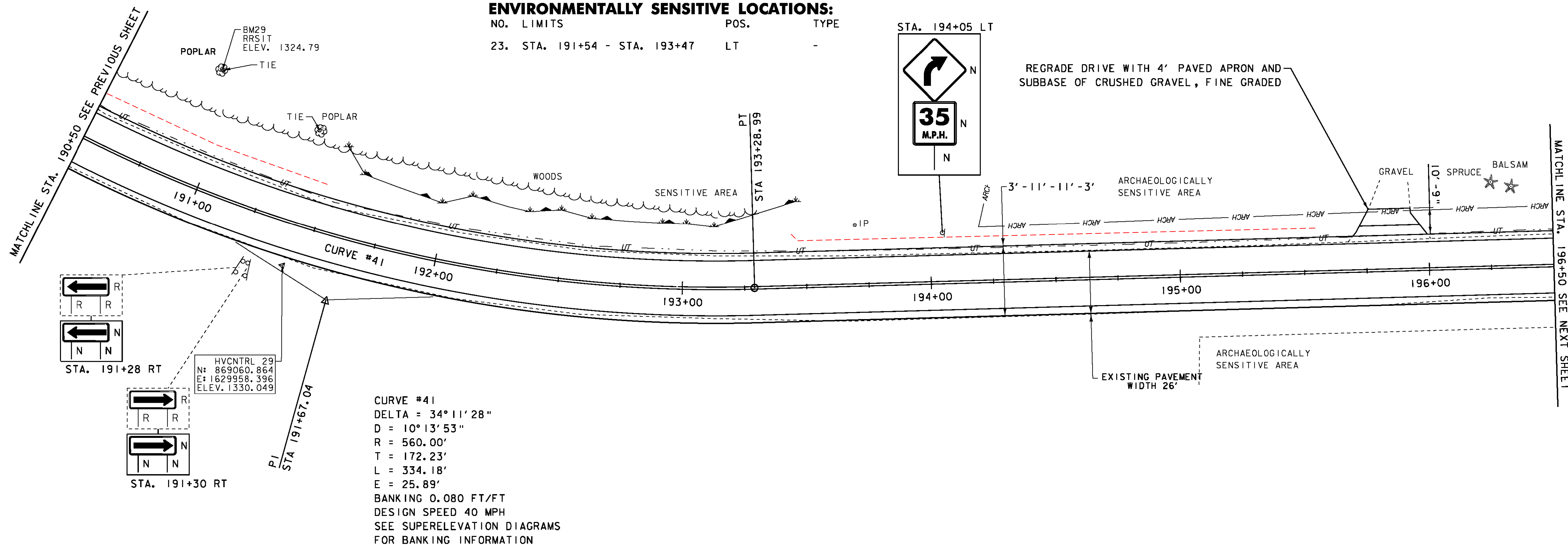
ENVIRONMENTALLY SENSITIVE LOCATIONS:

NO.	LIMITS	POS.	TYPE
23.	STA. 191+54 - STA. 193+47	LT	-

STA. 194+05 LT



REGRADE DRIVE WITH 4' PAVED APRON AND
SUBBASE OF CRUSHED GRAVEL, FINE GRADED



CURVE #41
DELTA = 34°11'28"
D = 10°13'53"
R = 560.00'
T = 172.23'
L = 334.18'
E = 25.89'
BANKING 0.080 FT/FT
DESIGN SPEED 40 MPH
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION

LEGEND
MAILBOX
BORING
SIGN
HYDRANT
MANHOLE
WATER SHUT OFF (WSO)
GAS PIPELINE MARKER
CATCH BASIN / DROP INLET
CURB INLET
TRAFFIC CONTROL BOX
PARKING METER
UTILITY POLE

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGED
N = NEW
B-B = BACK TO BACK
--- = EXISTING
— = NEW

DATUM
NAVD 88
NAD 83

SCALE IN FEET
20 0 20

**PROJECT
LAYOUT
SHEET 35**

PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(I)

FILE NAME: p10C190.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C190_56.1

PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 56 OF 178

SEH
2-25-14

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. 196+50 - STA. 200+79.25 (SOLID LT & RT)
STA. A 0+00 - STA. A 0+75 (SOLID LT & RT)

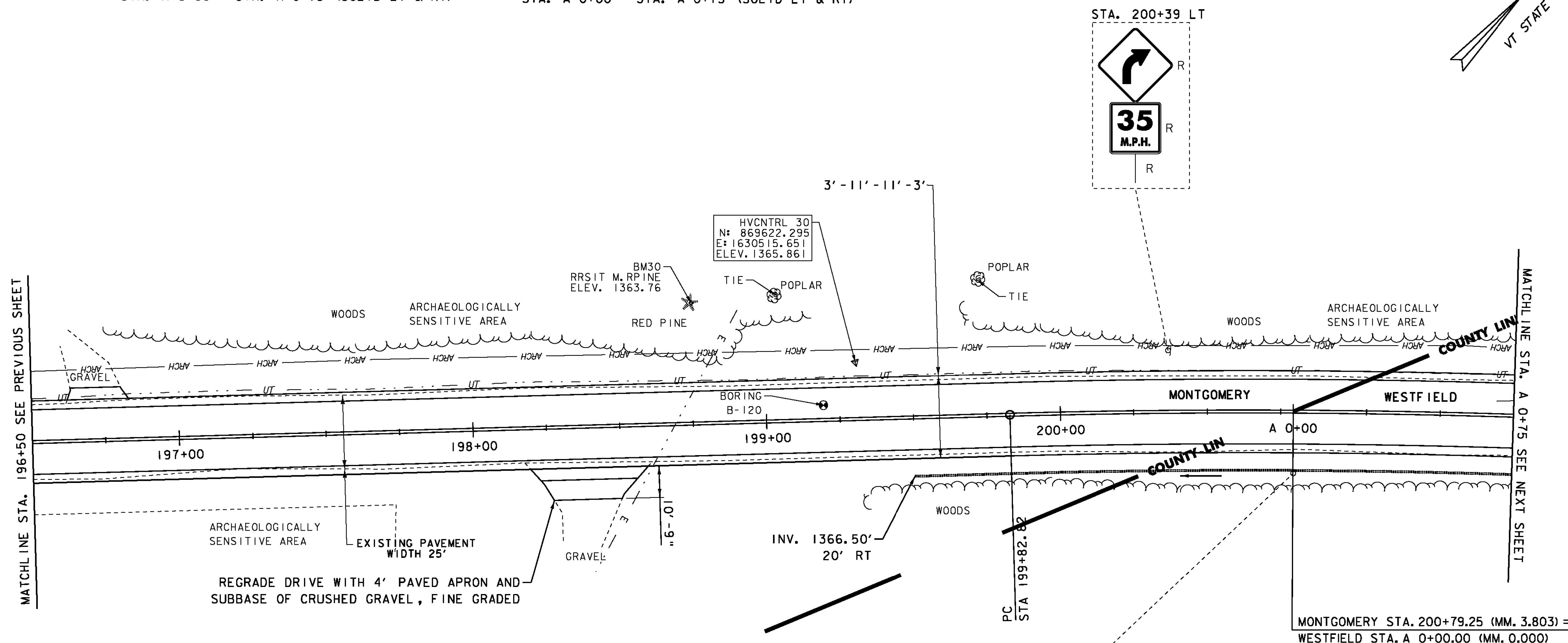
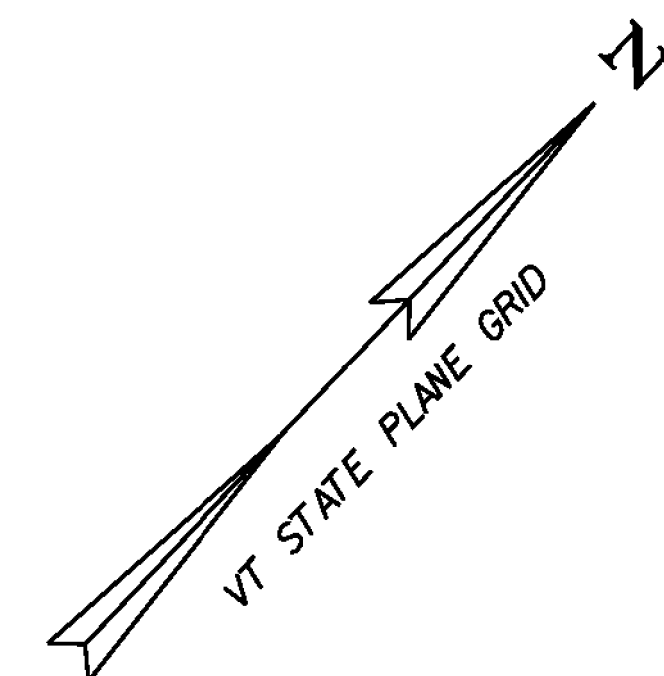
DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. 196+50 - STA. 200+79.25 (SOLID LT & RT)
STA. A 0+00 - STA. A 0+75 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 196+50 - STA. 200+79.25 (SOLID LT & RT) 199+40
STA. A 0+00 - STA. A 0+75 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 196+50 - STA. 200+79.25 (SOLID LT & RT)
STA. A 0+00 - STA. A 0+75 (SOLID LT & RT)

6 INCH UNDERDRAIN PIPE
STA. 199+40 - STA. 200+79.25 RT
STA. A 0+00 - STA. A 0+75 RT

REMOVING SIGNS
AS SHOWN - 6



- LEGEND
- MAILBOX
 - BORING
 - SIGN
 - HYDRANT
 - MANHOLE
 - WATER SHUT OFF (WSO)
 - GAS PIPELINE MARKER
 - CATCH BASIN / DROP INLET
 - CURB INLET
 - TRAFFIC CONTROL BOX
 - PARKING METER
 - UTILITY POLE

SIGN LEGEND

R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGED
N = NEW
B-B = BACK TO BACK
--- = EXISTING
— = NEW

DATUM

NAVD 88
NAD 83

SCALE IN FEET

20 0 20

PROJECT
LAYOUT
SHEET 36

PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(1)

FILE NAME: p10C190.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C190_57.1

PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 57 OF 178

SEH
2-25-14

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. 196+50 - STA. 200+79.25 (SOLID LT & RT)
STA. A 0+00 - STA. A 0+75 (SOLID LT & RT)

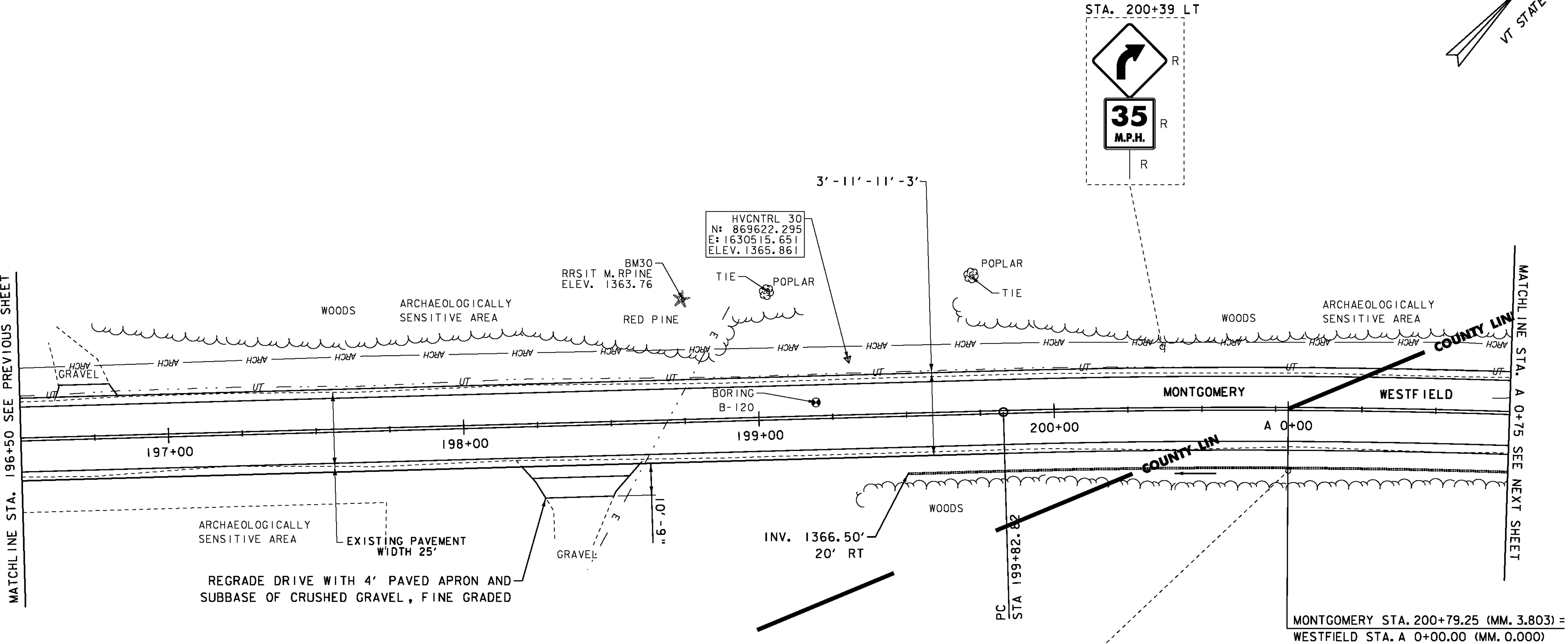
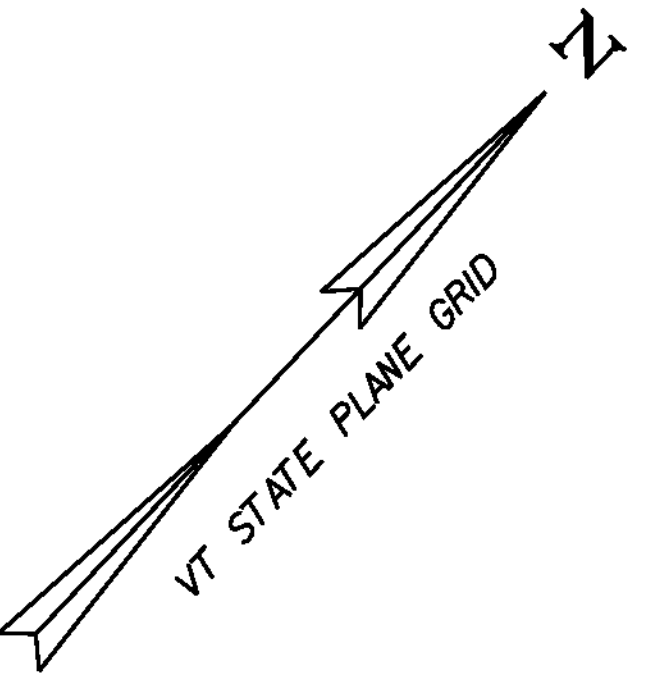
DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. 196+50 - STA. 200+79.25 (SOLID LT & RT)
STA. A 0+00 - STA. A 0+75 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 196+50 - STA. 200+79.25 (SOLID LT & RT)
STA. A 0+00 - STA. A 0+75 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 196+50 - STA. 200+79.25 (SOLID LT & RT)
STA. A 0+00 - STA. A 0+75 (SOLID LT & RT)

6 INCH UNDERDRAIN PIPE
STA. 199+50 - STA. 200+79.25 RT
STA. A 0+00 - STA. A 0+75 RT

REMOVING SIGNS
AS SHOWN - 6



- LEGEND**
- MAILBOX
 - BORING
 - SIGN
 - HYDRANT
 - MANHOLE
 - WATER SHUT OFF (WSO)
 - GAS PIPELINE MARKER
 - CATCH BASIN / DROP INLET
 - CURB INLET
 - TRAFFIC CONTROL BOX
 - PARKING METER
 - UTILITY POLE

- SIGN LEGEND**
- R = REMOVE
 - R&S = REMOVE AND SALVAGE
 - RET = RETAIN
 - S = SALVAGED
 - N = NEW
 - B-B = BACK TO BACK
 - = EXISTING
 - = NEW

DATUM
NAVD 88
NAD 83

SCALE IN FEET
20 0 20

PROJECT LAYOUT SHEET 36

PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(I)
FILE NAME: p10CI90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10CI90_57.I
PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 57 OF 178

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. A 0+75 - STA. A 6+75 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. A 0+75 - STA. A 6+75 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. A 0+75 - STA. A 6+75 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. A 0+75 - STA. A 6+75 (SOLID LT & RT)

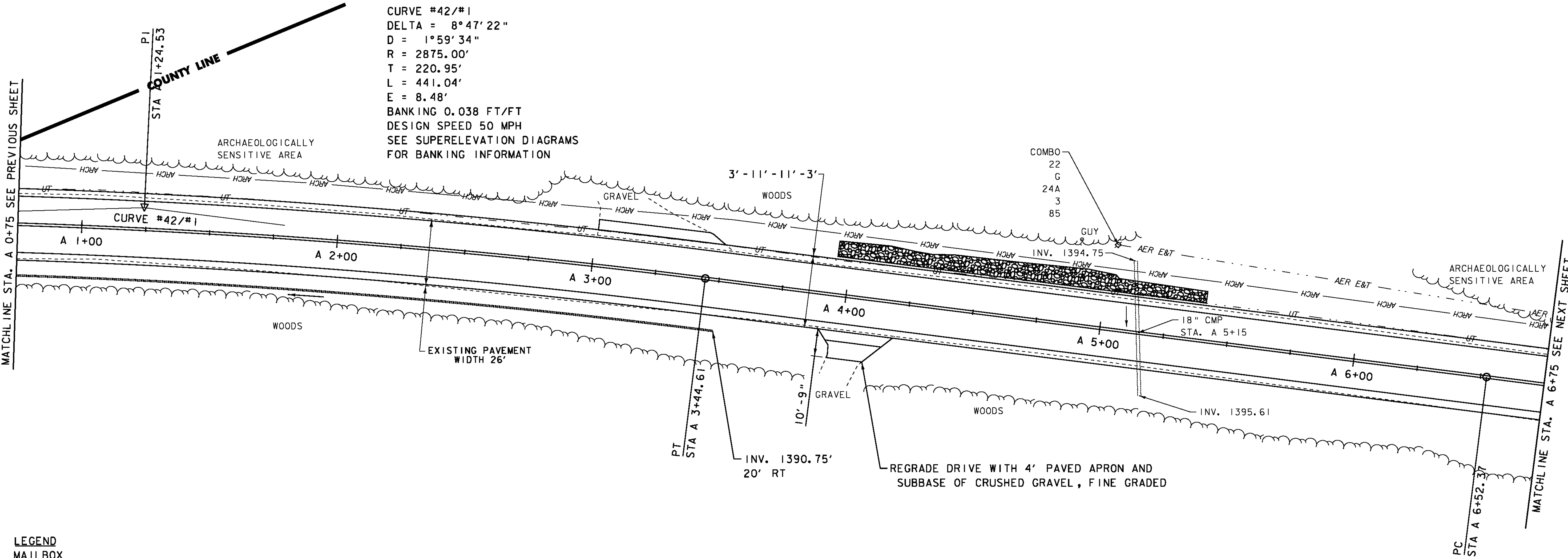
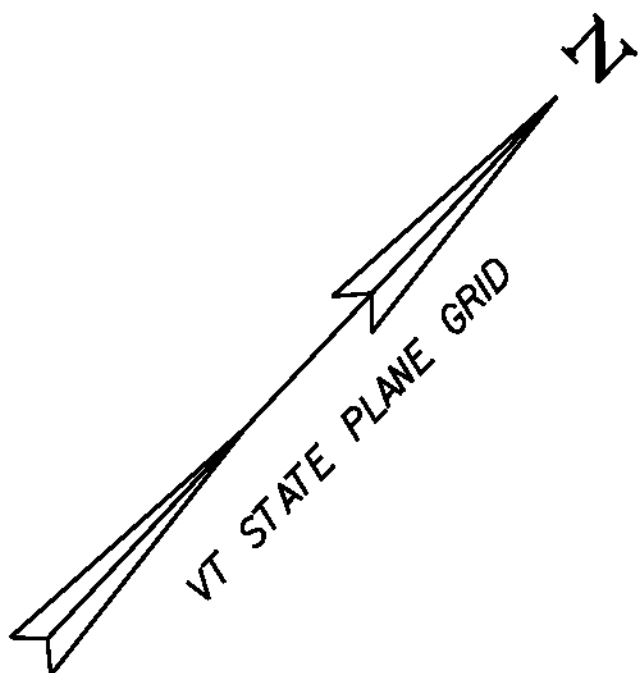
6 INCH UNDERDRAIN PIPE
STA. A 0+75 - STA. A 3+50 RT

STONE FILL, TYPE 1
STA. A 3+95 - STA. A 5+40 LT

GRUBBING MATERIAL
STA. A 3+95 - STA. A 5+40 LT

GEOTEXTILE UNDER STONE FILL
STA. A 3+95 - STA. A 5+40 LT

GEOTEXTILE FOR SILT FENCE
STA. A 3+95 - STA. A 5+40 LT



- LEGEND**
- MAILBOX
 - BORING
 - SIGN
 - HYDRANT
 - MANHOLE
 - WATER SHUT OFF (WSO)
 - GAS PIPELINE MARKER
 - CATCH BASIN / DROP INLET
 - CURB INLET
 - TRAFFIC CONTROL BOX
 - PARKING METER
 - UTILITY POLE

- SIGN LEGEND**
- R = REMOVE
 - R&S = REMOVE AND SALVAGE
 - RET = RETAIN
 - S = SALVAGED
 - N = NEW
 - B-B = BACK TO BACK
 - = EXISTING
 - = NEW

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE IN FEET
20 0 20

**PROJECT
LAYOUT
SHEET 37**

PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(1)
FILE NAME: p10CI90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10CI90_58.1
PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 58 OF 178

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. A 6+75 - STA. A 12+25 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. A 6+75 - STA. A 12+25 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. A 6+75 - STA. A 12+25 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. A 6+75 - STA. A 12+25 (SOLID LT & RT)

6 INCH UNDERDRAIN PIPE
STA. A 7+00 - STA. A 9+00 RT

REMOVING SIGNS
AS SHOWN - 1

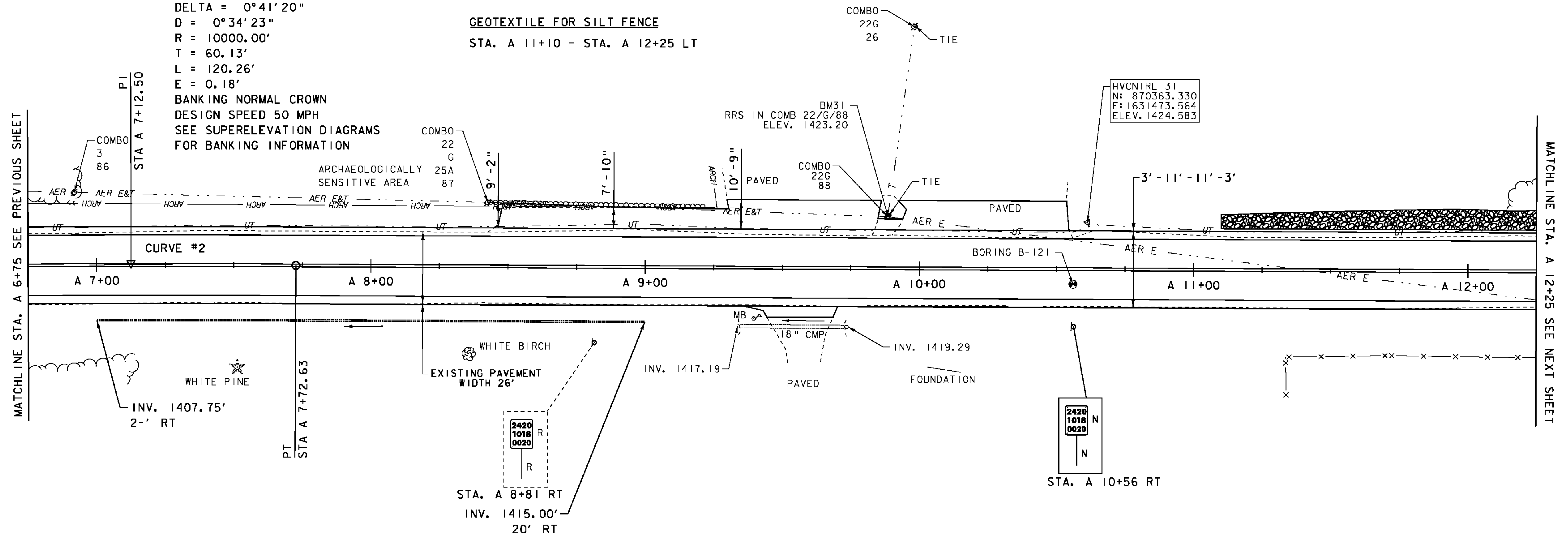
STONE FILL, TYPE 1
STA. A 11+10 - STA. A 12+25 LT

GRUBBING MATERIAL
STA. A 11+10 - STA. A 12+25 LT

GEOTEXTILE UNDER STONE FILL
STA. A 11+10 - STA. A 12+25 LT

GEOTEXTILE FOR SILT FENCE
STA. A 11+10 - STA. A 12+25 LT

CURVE #2
DELTA = 0°41'20"
D = 0°34'23"
R = 10000.00'
T = 60.13'
L = 120.26'
E = 0.18'
BANKING NORMAL CROWN
DESIGN SPEED 50 MPH
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION



- LEGEND**
- MAILBOX
 - BORING
 - SIGN
 - HYDRANT
 - MANHOLE
 - WATER SHUT OFF (WSO)
 - GAS PIPELINE MARKER
 - CATCH BASIN / DROP INLET
 - CURB INLET
 - TRAFFIC CONTROL BOX
 - PARKING METER
 - UTILITY POLE
- SIGN LEGEND**
- R = REMOVE
 - R&S = REMOVE AND SALVAGE
 - RET = RETAIN
 - S = SALVAGED
 - N = NEW
 - B-B = BACK TO BACK
 - = EXISTING
 - = NEW

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE IN FEET
20 0 20

**PROJECT
LAYOUT
SHEET 38**

PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(I)

FILE NAME: p10CI90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10CI90_59.I

PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 59 OF 178

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. A 12+25 - STA. A 17+75 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. A 12+25 - STA. A 16+00 (SOLID LT & RT)
STA. A 16+00 - STA. A 17+75 (SOLID LT, DASHED RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. A 12+25 - STA. A 17+75 (SOLID LT & RT)

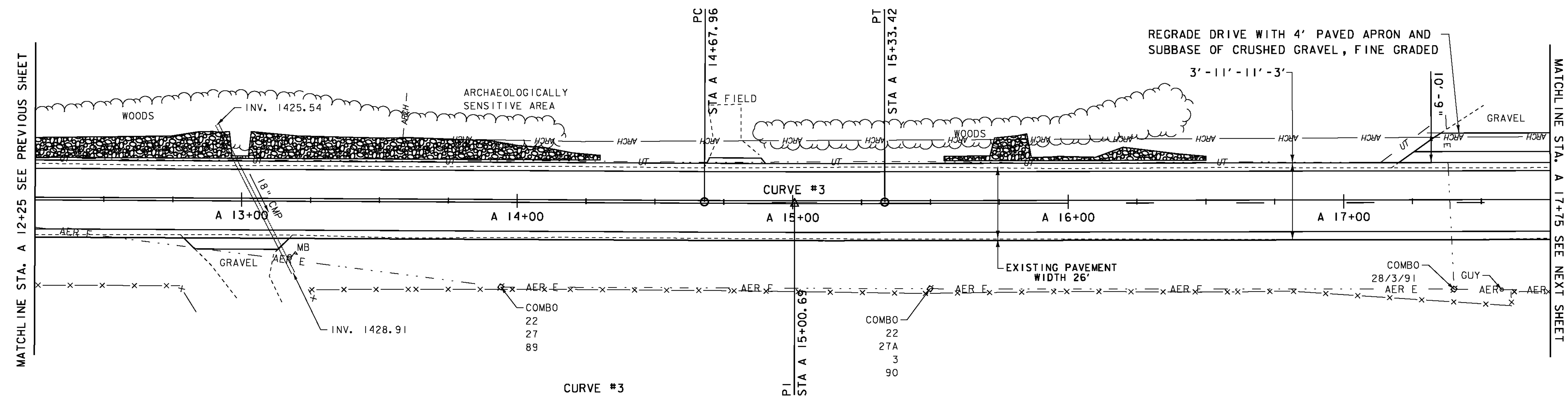
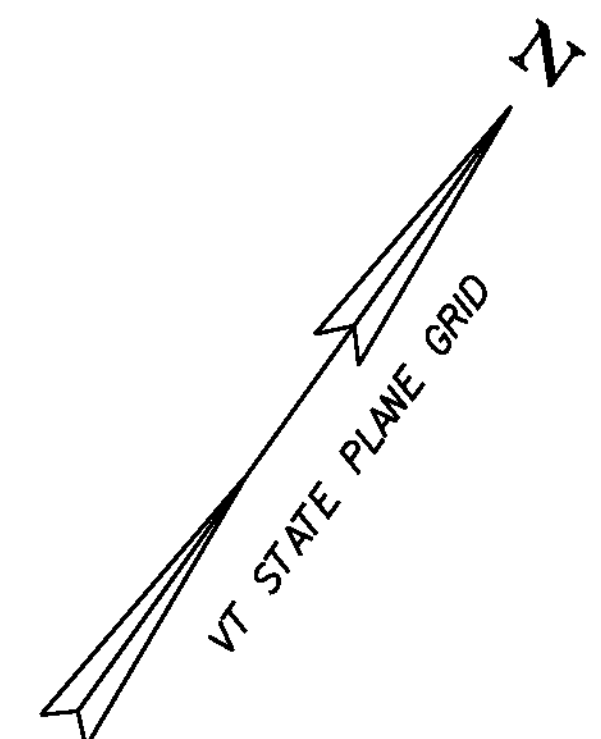
TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. A 12+25 - STA. A 16+00 (SOLID LT & RT)
STA. A 16+00 - STA. A 17+75 (SOLID LT, DASHED RT)

STONE FILL, TYPE 1
STA. A 12+25 - STA. A 14+30 LT
STA. A 15+55 - STA. A 16+50 LT

GRUBBING MATERIAL
STA. A 12+25 - STA. A 14+30 LT
STA. A 15+55 - STA. A 16+50 LT

GEOTEXTILE UNDER STONE FILL
STA. A 12+25 - STA. A 14+30 LT
STA. A 15+55 - STA. A 16+50 LT

GEOTEXTILE FOR SILT FENCE
STA. A 12+25 - STA. A 14+30 LT
STA. A 15+55 - STA. A 16+50 LT



CURVE #3
DELTA = 0°22'30"
D = 0°34'23"
R = 10000.00'
T = 32.73'
L = 65.46'
E = 0.05'
BANKING NORMAL CROWN
DESIGN SPEED 50 MPH
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION

SIGN LEGEND

R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGED
N = NEW
B-B = BACK TO BACK
--- = EXISTING
— = NEW

LEGEND

MAILBOX ○ MANHOLE
BORING ⊙ WATER SHUT OFF (WSO)
SIGN ⊙ GAS PIPELINE MARKER
HYDRANT ⊠ CATCH BASIN / DROP INLET

— CURB INLET
⊠ TRAFFIC CONTROL BOX
⊙ PARKING METER
⊠ UTILITY POLE

DATUM

NAVD 88
NAD 83



SCALE IN FEET
20 0 20

**PROJECT
LAYOUT
SHEET 39**

PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(I)

FILE NAME: p10CI90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10CI90_60.t

PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 60 OF 178

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)

STA. A 23+25 - STA. A 29+25 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)

STA. A 23+25 - STA. A 23+50 (SOLID LT & RT)

STA. A 23+50 - STA. A 29+25 (DASHED LT, SOLID RT)

TEMPORARY 4 INCH WHITE LINE, PAINT

STA. A 23+25 - STA. A 29+25 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT

STA. A 23+25 - STA. A 23+50 (SOLID LT & RT)

STA. A 23+50 - STA. A 29+25 (DASHED LT, SOLID RT)

BARRIER FENCE

STA. A 23+25 - STA. A 28+46 LT

STA. A 23+36 - STA. A 26+10 RT

EROSION LOG

STA. A 23+25 - STA. A 28+46 LT

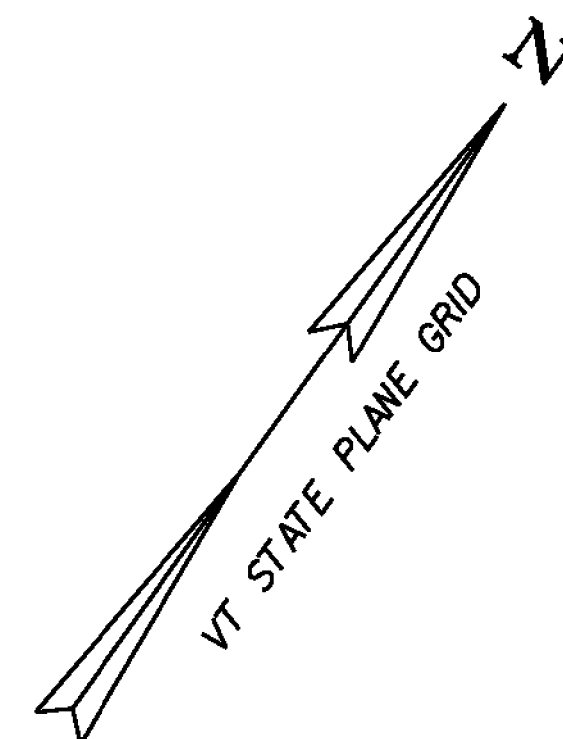
STA. A 23+36 - STA. A 26+10 RT

6 INCH UNDERDRAIN PIPE

STA. A ~~24+50~~ - STA. A ~~26+50~~ LT

25+00

27+70

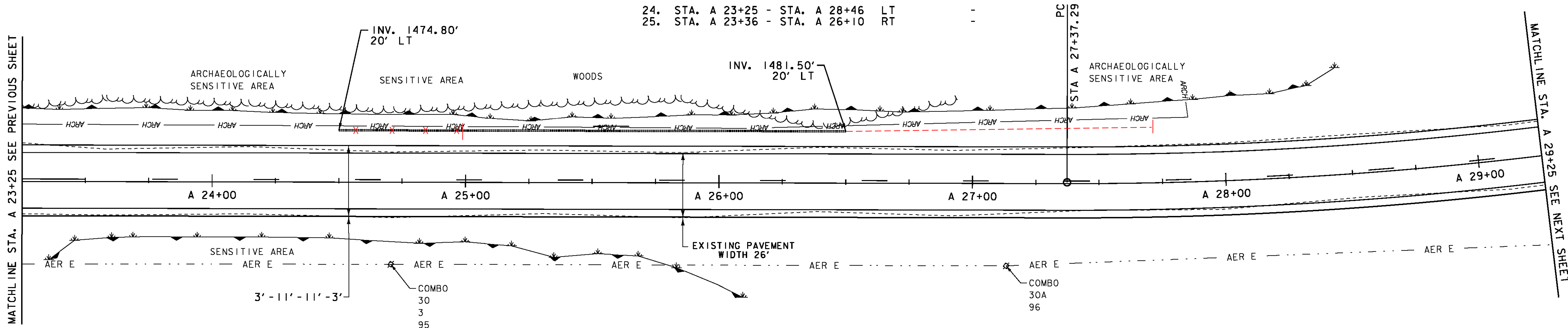


ENVIRONMENTALLY SENSITIVE LOCATIONS:

NO. LIMITS POS. TYPE

24. STA. A 23+25 - STA. A 28+46 LT -

25. STA. A 23+36 - STA. A 26+10 RT -



- LEGEND
- MAILBOX
 - BORING
 - SIGN
 - HYDRANT
 - MANHOLE
 - WATER SHUT OFF (WSO)
 - GAS PIPELINE MARKER
 - CATCH BASIN / DROP INLET
 - CURB INLET
 - TRAFFIC CONTROL BOX
 - PARKING METER
 - UTILITY POLE

- SIGN LEGEND
- R = REMOVE
 - R&S = REMOVE AND SALVAGE
 - RET = RETAIN
 - S = SALVAGED
 - N = NEW
 - B-B = BACK TO BACK
 - = EXISTING
 - = NEW

DATUM

NAVD 88

NAD 83

SCALE IN FEET

20 0 20

PROJECT
LAYOUT
SHEET 41

PROJECT NAME: MONTGOMERY-WESTFIELD

PROJECT NUMBER: STP 2906(I)

FILE NAME: pIOC190.dgn

PROJECT LEADER: CDL

DESIGNED BY: SJL

PLOT FILE: pIOC190_62.I

PLOT DATE: 9/5/12

DRAWN BY: SJL

CHECKED BY: EPD

SHEET 62 OF 178

SEH
2-25-14

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. A 29+25 - STA. A 34+75 (SOLID LT & RT)

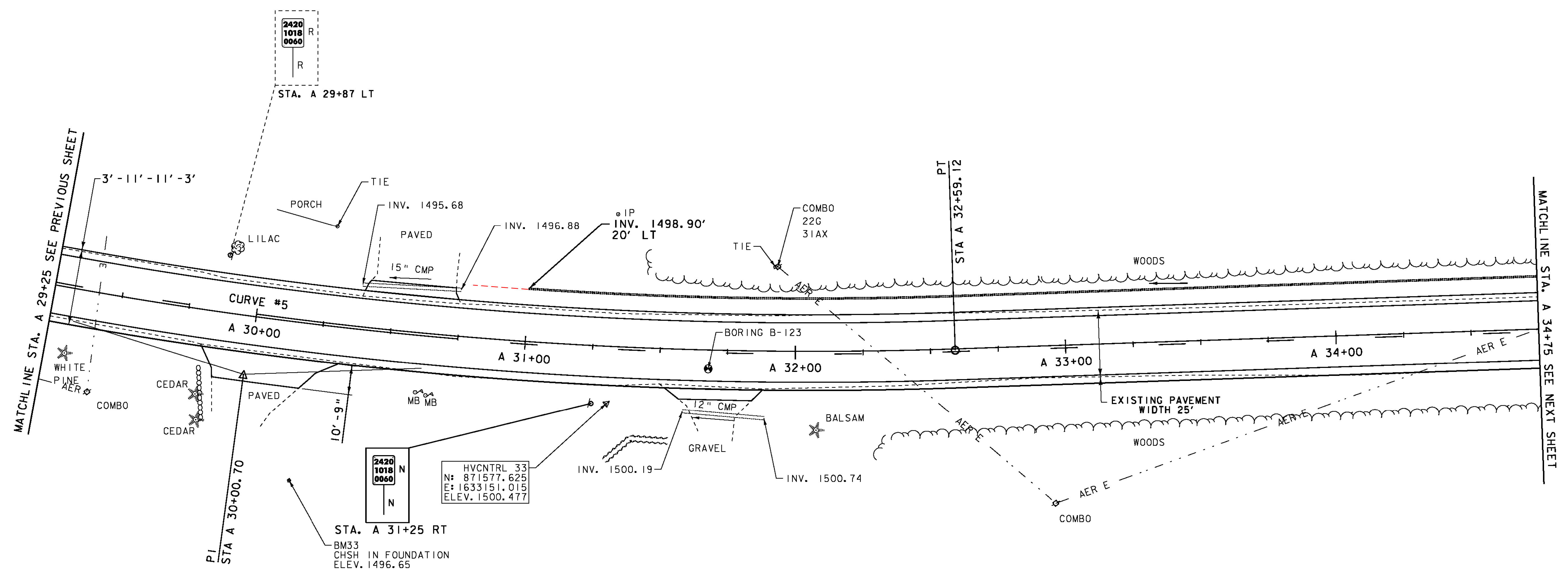
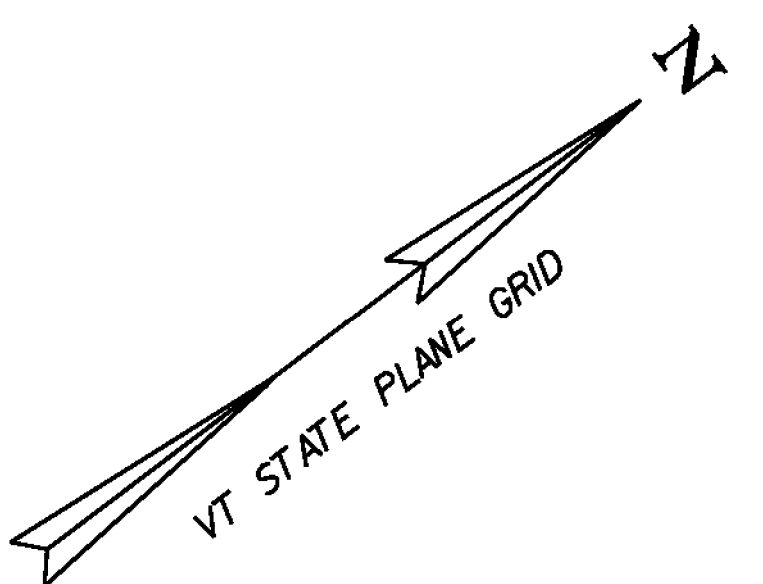
TEMPORARY 4 INCH WHITE LINE, PAINT
STA. A 29+25 - STA. A 34+75 (SOLID LT & RT)

6 INCH UNDERDRAIN PIPE
STA. A ~~31+00~~ - STA. A 34+75 LT
30+76

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. A 29+25 - STA. A 30+00 (DASHED LT, SOLID RT)
STA. A 30+00 - STA. A 30+75 (SOLID LT & RT)
STA. A 30+75 - STA. A 34+75 (SOLID LT, DASHED RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. A 29+25 - STA. A 30+00 (DASHED LT, SOLID RT)
STA. A 30+00 - STA. A 30+75 (SOLID LT & RT)
STA. A 30+75 - STA. A 34+75 (SOLID LT, DASHED RT)

REMOVING SIGNS
AS SHOWN - 1



- LEGEND**
- MAILBOX
 - BORING
 - SIGN
 - HYDRANT
 - MANHOLE
 - WATER SHUT OFF (WSO)
 - GAS PIPELINE MARKER
 - CATCH BASIN / DROP INLET
 - CURB INLET
 - TRAFFIC CONTROL BOX
 - PARKING METER
 - UTILITY POLE

- SIGN LEGEND**
- R = REMOVE
 - R&S = REMOVE AND SALVAGE
 - RET = RETAIN
 - S = SALVAGED
 - N = NEW
 - B-B = BACK TO BACK
 - = EXISTING
 - = NEW

CURVE #5
DELTA = 19° 17' 21"
D = 3° 41' 47"
R = 1550.00'
T = 263.40'
L = 521.82'
E = 22.22'
BANKING 0.060 FT/FT
DESIGN SPEED 50 MPH
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION

DATUM
NAVD 88
NAD 83



**PROJECT
LAYOUT
SHEET 42**

PROJECT NAME:	MONTGOMERY-WESTFIELD
PROJECT NUMBER:	STP 2906(I)
FILE NAME:	p10C190.dgn
PROJECT LEADER:	CDL
DESIGNED BY:	SJL
PLOT FILE:	p10C190_63.1
PLOT DATE:	9/5/12
DRAWN BY:	SJL
CHECKED BY:	EPD
SHEET	63 OF 178

HVCNTRL 100
N: 871796.133
E: 1633426.010
ELEV. 1522.464

SEH
2-25-14

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. A 34+75 - STA. A 40+25 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. A 34+75 - STA. A 38+25 (SOLID LT, DASHED RT)
STA. A 38+25 - STA. A 39+00 (DASHED CTR)
STA. A 39+00 - STA. A 40+25 (DASHED LT, SOLID RT)

STEEL BEAM GUARDRAIL, GALVANIZED
STA. A 36+05 - STA. A 38+30 RT

STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
STA. A 36+05 - STA. A 38+05 LT

REMOVAL & DISPOSAL OF GUARDRAIL
STA. A 36+05 - STA. A 38+05 LT
STA. A 36+05 - STA. A 38+30 RT

ANCHOR FOR STEEL BEAM GUARDRAIL
STA. A 36+05 RT
STA. A 36+05 LT
STA. A 38+05 LT
STA. A 38+30 RT

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. A 34+75 - STA. A 40+25 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. A 34+75 - STA. A 38+25 (SOLID LT, DASHED RT)
STA. A 38+25 - STA. A 39+00 (DASHED CTR)
STA. A 39+00 - STA. A 40+25 (DASHED LT, SOLID RT)

STONE FILL, TYPE I
STA. A 40+10 - STA. A 40+25 RT

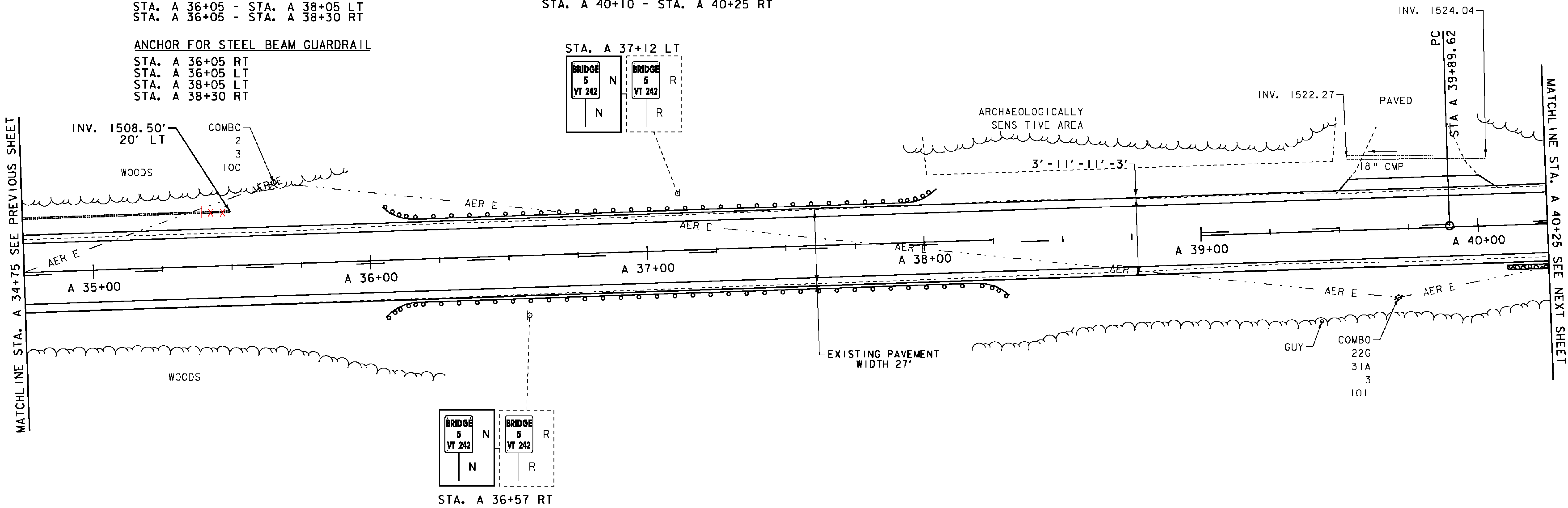
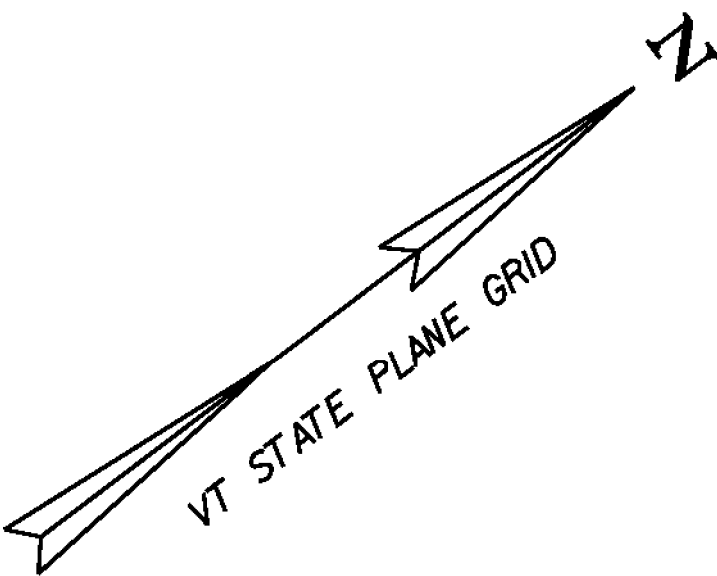
GRUBBING MATERIAL
STA. A 40+10 - STA. A 40+25 RT

GEOTEXTILE UNDER STONE FILL
STA. A 40+10 - STA. A 40+25 RT

6 INCH UNDERDRAIN PIPE
STA. A 34+75 - STA. A ~~35+50~~ LT
35+36

GEOTEXTILE FOR SILT FENCE
STA. A 40+10 - STA. A 40+25 RT

REMOVING SIGNS
AS SHOWN - 2



- LEGEND
- MAILBOX
 - BORING
 - SIGN
 - HYDRANT
 - MANHOLE
 - WATER SHUT OFF (WSO)
 - GAS PIPELINE MARKER
 - CATCH BASIN / DROP INLET
 - CURB INLET
 - TRAFFIC CONTROL BOX
 - PARKING METER
 - UTILITY POLE

- SIGN LEGEND
- R = REMOVE
 - R&S = REMOVE AND SALVAGE
 - RET = RETAIN
 - S = SALVAGED
 - N = NEW
 - B-B = BACK TO BACK
 - = EXISTING
 - = NEW

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE IN FEET
20 0 20

PROJECT
LAYOUT
SHEET 43

PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(I)

FILE NAME: p10C190.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C190_64.1

PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 64 OF 178

SEH
2-25-14

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. A 40+25 - STA. A 45+75 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. A 40+25 - STA. A 45+75 (DASHED LT, SOLID RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. A 40+25 - STA. A 45+75 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. A 40+25 - STA. A 45+75 (DASHED LT, SOLID RT)

GEOTEXTILE FOR SILT FENCE
STA. A 40+25 - STA. A 41+25 RT
STA. A 41+25 - STA. A 42+50 LT

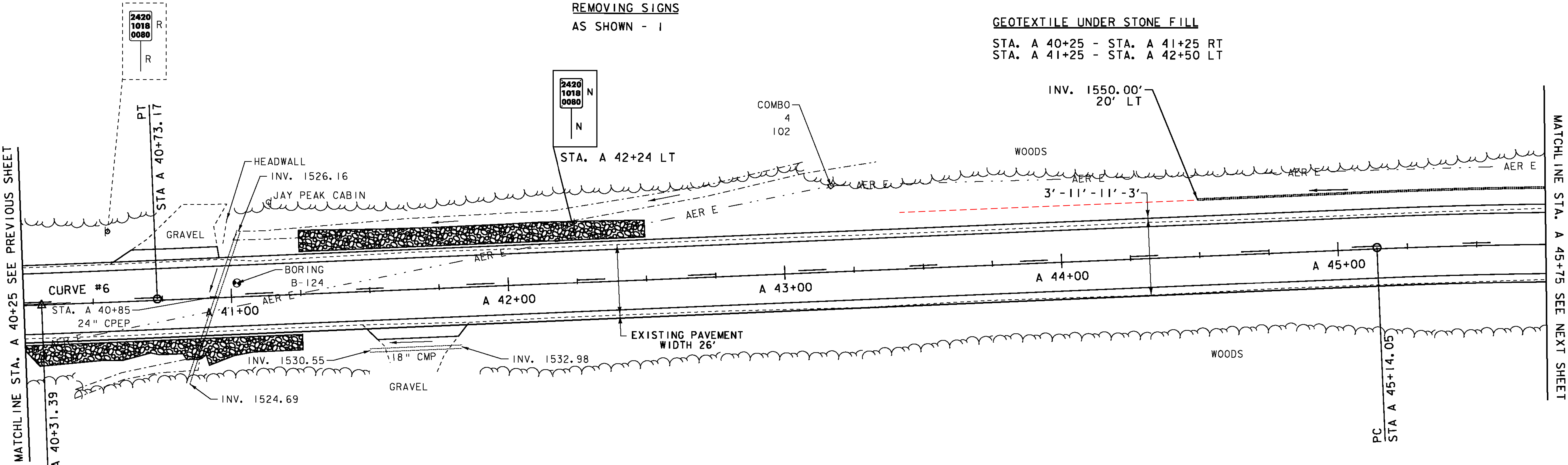
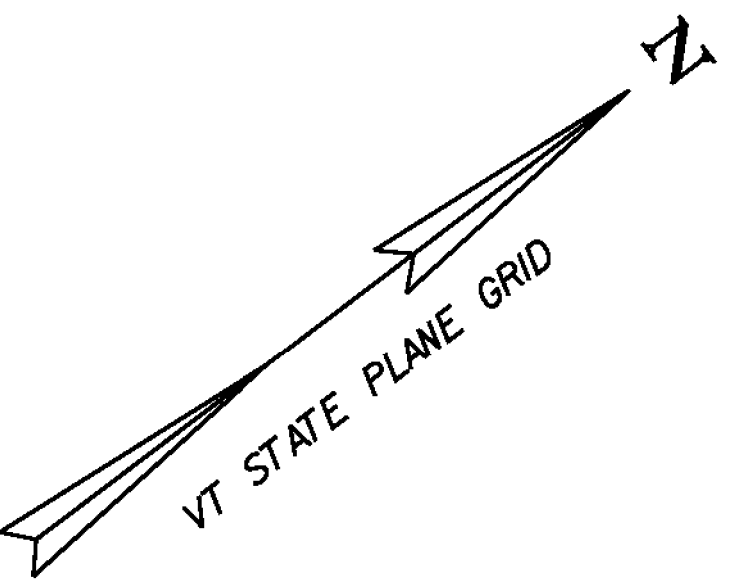
REMOVING SIGNS
AS SHOWN - 1

6 INCH UNDERDRAIN PIPE
STA. A ~~44+50~~ - STA. A 45+75 LT
43+45

STONE FILL, TYPE I
STA. A 40+25 - STA. A 41+25 RT
STA. A 41+25 - STA. A 42+50 LT

GRUBBING MATERIAL
STA. A 40+25 - STA. A 41+25 RT
STA. A 41+25 - STA. A 42+50 LT

GEOTEXTILE UNDER STONE FILL
STA. A 40+25 - STA. A 41+25 RT
STA. A 41+25 - STA. A 42+50 LT



CURVE #6
DELTA = 0°28'43"
D = 0°34'23"
R = 10000.00'
T = 41.78'
L = 83.55'
E = 0.09'
BANKING NORMAL CROWN
DESIGN SPEED 50 MPH
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION

- LEGEND
- MAILBOX
 - BORING
 - SIGN
 - HYDRANT
 - MANHOLE
 - WATER SHUT OFF (WSO)
 - GAS PIPELINE MARKER
 - CATCH BASIN / DROP INLET
 - CURB INLET
 - TRAFFIC CONTROL BOX
 - PARKING METER
 - UTILITY POLE

SIGN LEGEND

- R = REMOVE
- R&S = REMOVE AND SALVAGE
- RET = RETAIN
- S = SALVAGED
- N = NEW
- B-B = BACK TO BACK
- = EXISTING
- = NEW

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83



PROJECT
LAYOUT
SHEET 44

PROJECT NAME: MONTGOMERY-WESTFIELD	
PROJECT NUMBER: STP 2906(I)	
FILE NAME: p10CI90.dgn	PLOT DATE: 9/5/12
PROJECT LEADER: CDL	DRAWN BY: SJL
DESIGNED BY: SJL	CHECKED BY: EPD
PLOT FILE: p10CI90_65.I	SHEET 65 OF 178

SEH
2-25-14

STA. A 45+75 - STA. A 51+25 (SOLID LT & RT)

STA. A 45+75 - STA. A 47+00 (DASHED LT, SOLID RT)
STA. A 47+00 - STA. A 51+25 (SOLID LT & RT)

STA. A 45+75 - STA. A 51+25 (SOLID LT & RT)

STA. A 45+75 - STA. A 47+00 (DASHED LT, SOLID RT)
STA. A 47+00 - STA. A 51+25 (SOLID LT & RT)

STA. A 45+75 - STA. A ~~46+00~~⁴⁶⁺⁶⁵ LT
STA. A ~~47+50~~²⁸ - STA. A ~~51+00~~⁰⁸ LT

STA. A 23+25 - STA. A 28+46 LT
STA. A 23+36 - STA. A 26+10 RT

STA. A 23+25 - STA. A 28+46 LT
STA. A 23+36 - STA. A 26+10 RT

STA. A 46+70 - STA. A 47+30 RT
STA. A 47+00 - STA. A 47+25 LT

STA. A 46+70 - STA. A 47+30 RT
STA. A 47+00 - STA. A 47+25 LT

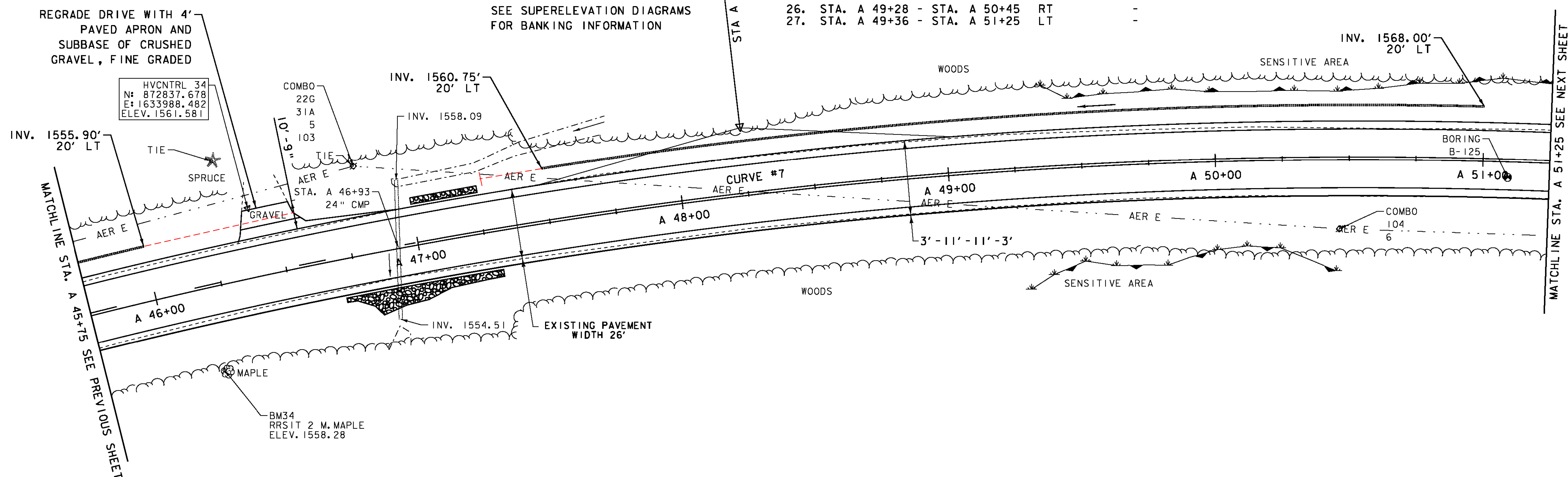
STA. A 49+28 - STA. A 50+45 RT
STA. A 49+36 - STA. A 51+25 LT

STA. A 49+28 - STA. A 50+45 RT
STA. A 49+36 - STA. A 51+25 LT

PI
STA A 48+27.30

NO.	LIMITS	POS.	TYPE
-----	--------	------	------

26.	STA. A 49+28 - STA. A 50+45	RT	-
27.	STA. A 49+36 - STA. A 51+25	LT	-



R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGED
N = NEW
B-B = BACK TO BACK
--- = EXISTING
— = NEW

SCALE IN FEET

20 0 20

A horizontal scale bar with a central point labeled '0'. To the left of '0' is a tick mark labeled '20', and to the right is another tick mark labeled '20'. The bar is divided into two equal segments by the central '0' point.

**PROJECT
LAYOUT
SHEET 45**

PROJECT NAME:	MONTGOMERY-WESTFIELD
PROJECT NUMBER:	STP 2906(I)

FILE NAME: p10CI90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10CI90_66.I

PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 66 OF 178

SEH
2-25-14

DATUM	NAVD 88
	NAD 83

LEGEND

MAILBOX
BORING
SIGN
HYDRANT

○ MANHOLE
 ⊙ WATER SHUT OFF (WSO)
 ⊙ GAS PIPELINE MARKER
 □ CATCH BASIN / DROP INLET

- CURB INLET
 ☒ TRAFFIC CONTROL BOX
 ⊕ PARKING METER
 □ UTILITY POLE

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. A 45+75 - STA. A 51+25 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. A 45+75 - STA. A 47+00 (DASHED LT, SOLID RT)
STA. A 47+00 - STA. A 51+25 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. A 45+75 - STA. A 51+25 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. A 45+75 - STA. A 47+00 (DASHED LT, SOLID RT)
STA. A 47+00 - STA. A 51+25 (SOLID LT & RT)

6 INCH UNDERDRAIN PIPE
STA. A 45+75 - STA. A 46+00 LT
STA. A 47+50 - STA. A 51+00 LT

BARRIER FENCE
STA. A 23+25 - STA. A 28+46 LT
STA. A 23+36 - STA. A 26+10 RT

EROSION LOG
STA. A 23+25 - STA. A 28+46 LT
STA. A 23+36 - STA. A 26+10 RT

STONE FILL, TYPE I
STA. A 46+70 - STA. A 47+30 RT
STA. A 47+00 - STA. A 47+25 LT

GRUBBING MATERIAL
STA. A 46+70 - STA. A 47+30 RT
STA. A 47+00 - STA. A 47+25 LT

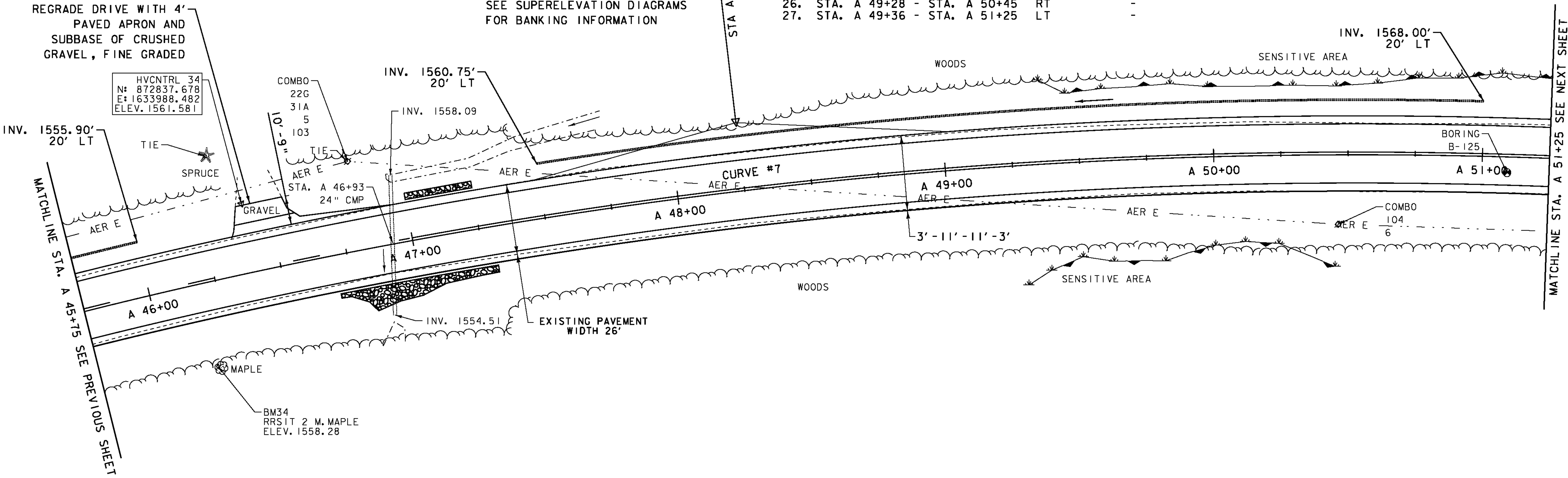
GEOTEXTILE UNDER STONE FILL
STA. A 49+28 - STA. A 50+45 RT
STA. A 49+36 - STA. A 51+25 LT

GEOTEXTILE FOR SILT FENCE
STA. A 49+28 - STA. A 50+45 RT
STA. A 49+36 - STA. A 51+25 LT

CURVE #7
DELTA = 18°15'08"
D = 2°56'18"
R = 1950.00'
T = 313.25'
L = 621.19'
E = 25.00'
BANKING 0.052 FT/FT
DESIGN SPEED 50 MPH
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION

ENVIRONMENTALLY SENSITIVE LOCATIONS:

NO.	LIMITS	POS.	TYPE
26.	STA. A 49+28 - STA. A 50+45	RT	-
27.	STA. A 49+36 - STA. A 51+25	LT	-



SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGED
N = NEW
B-B = BACK TO BACK
--- = EXISTING
--- = NEW

DATUM
NAVD 88
NAD 83

LEGEND
MAILBOX
BORING
SIGN
HYDRANT
MANHOLE
WATER SHUT OFF (WSO)
GAS PIPELINE MARKER
CATCH BASIN / DROP INLET

CURB INLET
TRAFFIC CONTROL BOX
PARKING METER
UTILITY POLE

SCALE IN FEET
20 0 20

PROJECT
LAYOUT
SHEET 45

PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(I)
FILE NAME: p10ci90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10ci90_66.1
PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 66 OF 178

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)

STA. A 57+25 - STA. A 62+75 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)

STA. A 57+25 - STA. A 62+75 (SOLID LT & RT)

STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS

STA. A 61+60 - STA. A 62+75 RT

STA. A 61+75 - STA. A 62+75 LT

REMOVAL & DISPOSAL OF GUARDRAIL

STA. A 61+64 - STA. A 62+75 RT

STA. A 61+83 - STA. A 62+75 LT

ANCHOR FOR STEEL BEAM GUARDRAIL

STA. A 61+60 RT

STA. A 61+75 LT

GEOTEXTILE FOR SILT FENCE

STA. A 57+25 - STA. A 57+70 RT

STA. A 58+00 - STA. A 58+70 RT

STA. A 58+60 - STA. A 58+95 LT

STA. A 62+50 - STA. A 62+75 RT

TEMPORARY 4 INCH WHITE LINE, PAINT

STA. A 57+25 - STA. A 62+75 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT

STA. A 57+25 - STA. A 62+75 (SOLID LT & RT)

STONE FILL, TYPE I

STA. A 57+25 - STA. A 57+70 RT

STA. A 58+00 - STA. A 58+70 RT

STA. A 58+60 - STA. A 58+95 LT

STA. A 62+50 - STA. A 62+75 RT

GRUBBING MATERIAL

STA. A 57+25 - STA. A 57+70 RT

STA. A 58+00 - STA. A 58+70 RT

STA. A 58+60 - STA. A 58+95 LT

STA. A 62+50 - STA. A 62+75 RT

GEOTEXTILE UNDER STONE FILL

STA. A 57+25 - STA. A 57+70 RT

STA. A 58+00 - STA. A 58+70 RT

STA. A 58+60 - STA. A 58+95 LT

STA. A 62+50 - STA. A 62+75 RT

6 INCH UNDERDRAIN PIPE

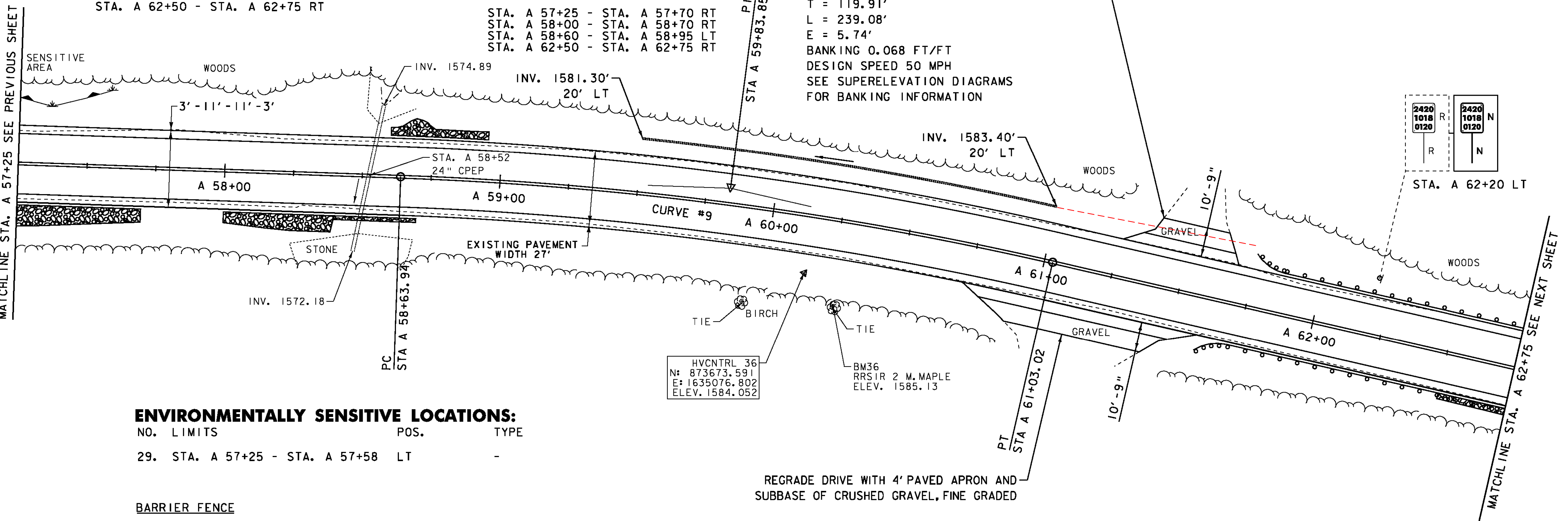
STA. A 59+50 - STA. A 61+00 LT

REMOVING SIGNS

AS SHOWN - I

REGRADE DRIVE WITH 4' PAVED APRON AND
SUBBASE OF CRUSHED GRAVEL, FINE GRADED

CURVE #9
DELTA = 10°57'32"
D = 4°35'01"
R = 1250.00'
T = 119.91'
L = 239.08'
E = 5.74'
BANKING 0.068 FT/FT
DESIGN SPEED 50 MPH
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION



ENVIRONMENTALLY SENSITIVE LOCATIONS:

NO.	LIMITS	POS.	TYPE
29.	STA. A 57+25 - STA. A 57+58	LT	-

BARRIER FENCE

STA. A 57+25 - STA. A 57+58 LT

EROSION LOG

STA. A 57+25 - STA. A 57+58 LT

SIGN LEGEND

R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGED
N = NEW
B-B = BACK TO BACK
--- = EXISTING
— = NEW

LEGEND

MAILBOX
BORING
SIGN
HYDRANT
MANHOLE
WATER SHUT OFF (WSO)
GAS PIPELINE MARKER
CATCH BASIN / DROP INLET
CURB INLET
TRAFFIC CONTROL BOX
PARKING METER
UTILITY POLE

DATUM	NAVD 88
	NAD 83

**PROJECT
LAYOUT
SHEET 47**



PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(I)

FILE NAME: piOCi90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: piOCi90_68.I

PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 68 OF 178

SEH
2-24-14

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. A 62+75 - STA. A 68+25 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. A 62+75 - STA. A 68+25 (SOLID LT & RT)

STEEL BEAM GUARDRAIL, GALVANIZED
STA. ~~A 63+50~~ - STA. A 65+75 LT
A 63+00

STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
STA. A 62+75 - STA. ~~A 63+50~~ LT A 63+00 LT
STA. A 62+75 - STA. A 66+10 RT

REMOVAL & DISPOSAL OF GUARDRAIL
STA. A 62+75 - STA. A 65+76 LT
STA. A 62+75 - STA. A 66+10 RT

ANCHOR FOR STEEL BEAM GUARDRAIL
STA. A 66+10 RT
STA. A 65+75 LT

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. A 62+75 - STA. A 68+25 (SOLID LT & RT)

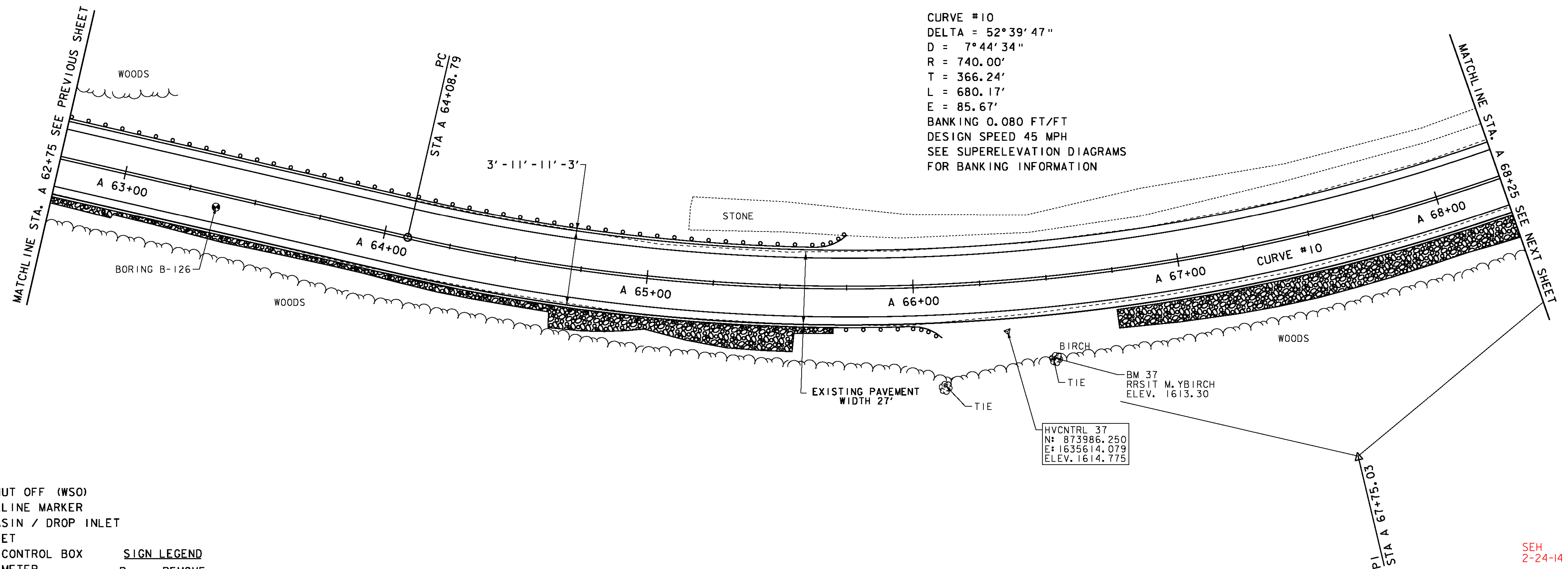
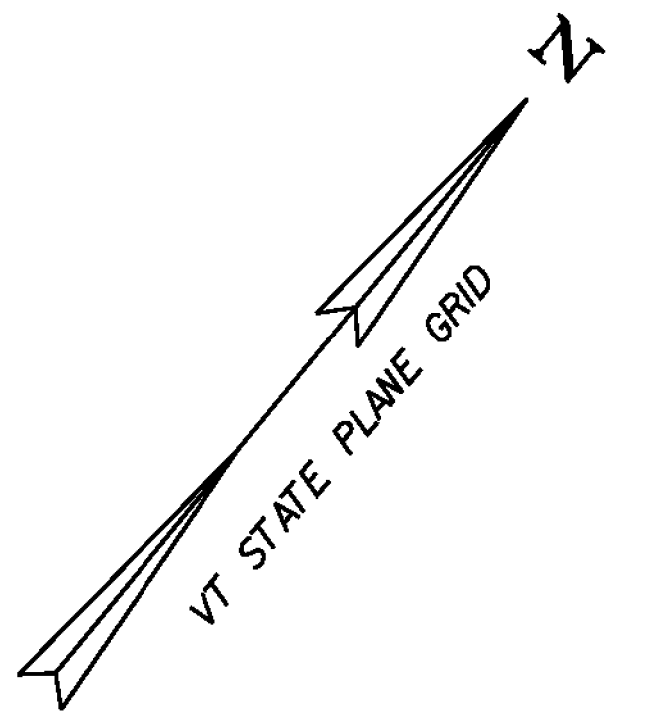
TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. A 62+75 - STA. A 68+25 (SOLID LT & RT)

STONE FILL, TYPE I
STA. A 62+75 - STA. A 65+70 RT
STA. A 66+75 - STA. A 68+25 RT

GRUBBING MATERIAL
STA. A 62+75 - STA. A 65+70 RT
STA. A 66+75 - STA. A 68+25 RT

GEOTEXTILE UNDER STONE FILL
STA. A 62+75 - STA. A 65+70 RT
STA. A 66+75 - STA. A 68+25 RT

GEOTEXTILE FOR SILT FENCE
STA. A 62+75 - STA. A 65+70 RT
STA. A 66+75 - STA. A 68+25 RT



- LEGEND**
- MAILBOX
 - BORING
 - SIGN
 - HYDRANT
 - MANHOLE
 - WATER SHUT OFF (WSO)
 - GAS PIPELINE MARKER
 - CATCH BASIN / DROP INLET
 - CURB INLET
 - TRAFFIC CONTROL BOX
 - PARKING METER
 - UTILITY POLE

- SIGN LEGEND**
- R = REMOVE
 - R&S = REMOVE AND SALVAGE
 - RET = RETAIN
 - S = SALVAGED
 - N = NEW
 - B-B = BACK TO BACK
 - = EXISTING
 - = NEW

DATUM
NAVD 88
NAD 83

SCALE IN FEET
20 0 20

**PROJECT
LAYOUT
SHEET 48**

PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(I)

FILE NAME: pIOC190.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: pIOC190_69.I

PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 69 OF 178

SEH
2-24-14

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. A 68+25 - STA. A 73+25 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. A 68+25 - STA. A 73+25 (SOLID LT & RT)

STEEL BEAM GUARDRAIL, GALVANIZED ~~W/8 FEET POSTS~~
STA. A 72+85 - STA. A 73+25 RT

REMOVAL & DISPOSAL OF GUARDRAIL
STA. A 72+83 - STA. A 73+25 RT

ANCHOR FOR STEEL BEAM GUARDRAIL
STA. A 72+85 RT

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. A 68+25 - STA. A 73+25 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. A 68+25 - STA. A 73+25 (SOLID LT & RT)

6 INCH UNDERDRAIN PIPE
STA. A 68+50 - STA. A 73+25 LT
48 69+68

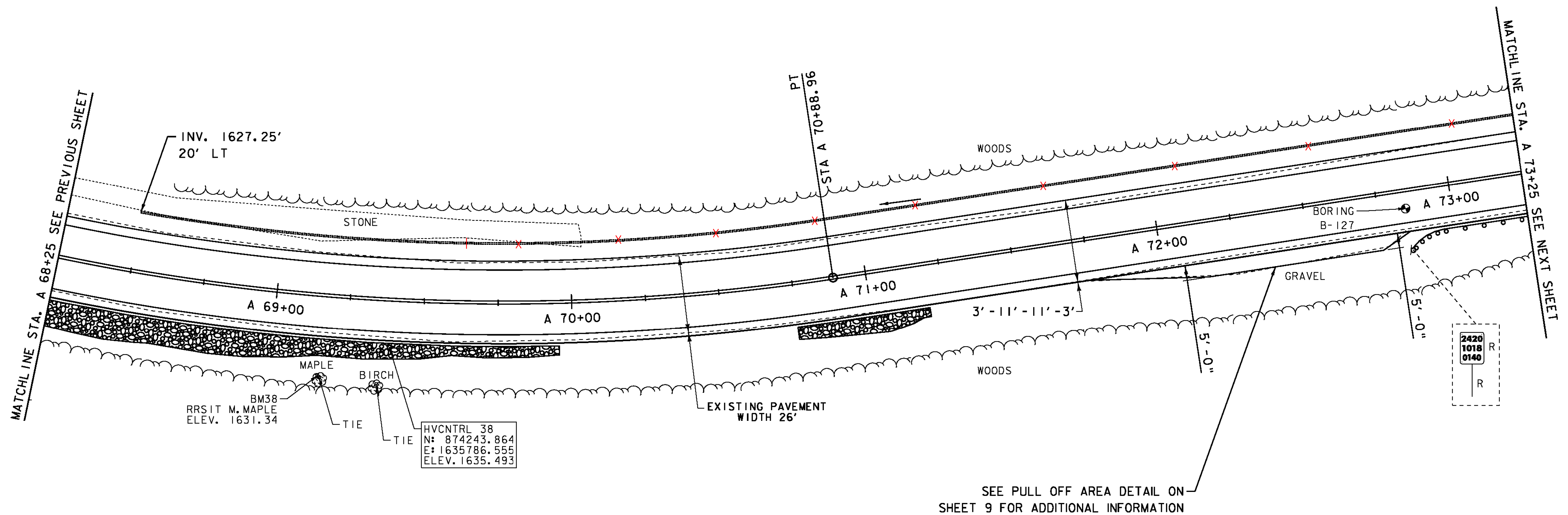
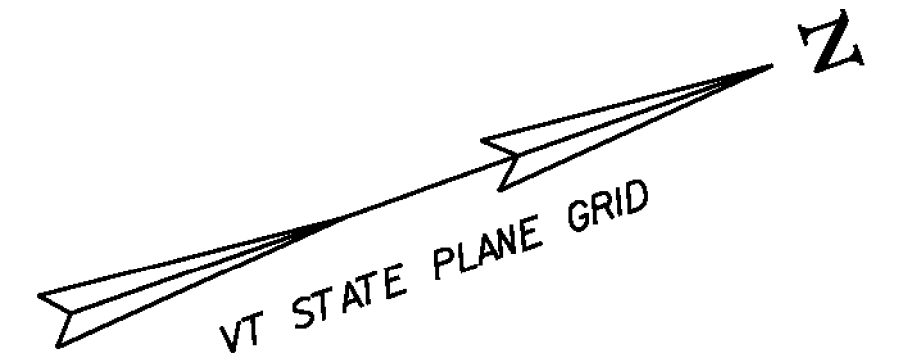
STONE FILL, TYPE I
STA. A 68+25 - STA. A 69+95 RT
STA. A 70+75 - STA. A 71+20 RT

GRUBBING MATERIAL
STA. A 68+25 - STA. A 69+95 RT
STA. A 70+75 - STA. A 71+20 RT

GEOTEXTILE UNDER STONE FILL
STA. A 68+25 - STA. A 69+95 RT
STA. A 70+75 - STA. A 71+20 RT

GEOTEXTILE FOR SILT FENCE
STA. A 68+25 - STA. A 69+95 RT
STA. A 70+75 - STA. A 71+20 RT

REMOVING SIGNS
AS SHOWN - 1



- LEGEND**
- MAILBOX
 - BORING
 - SIGN
 - HYDRANT
 - MANHOLE
 - WATER SHUT OFF (WSO)
 - GAS PIPELINE MARKER
 - CATCH BASIN / DROP INLET
 - CURB INLET
 - TRAFFIC CONTROL BOX
 - PARKING METER
 - UTILITY POLE

- SIGN LEGEND**
- R = REMOVE
 - R&S = REMOVE AND SALVAGE
 - RET = RETAIN
 - S = SALVAGED
 - N = NEW
 - B-B = BACK TO BACK
 - = EXISTING
 - = NEW

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE IN FEET
20 0 20

**PROJECT
LAYOUT
SHEET 49**

PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(I)
FILE NAME: p10C190.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C190_70.I
PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 70 OF 178

SEH
2-24-14

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. A 73+25 - STA. A 79+25 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. A 73+25 - STA. A 79+25 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. A 73+25 - STA. A 79+25 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. A 73+25 - STA. A 79+25 (SOLID LT & RT)

REMOVAL & DISPOSAL OF GUARDRAIL
STA. A 73+25 - STA. A 77+99 RT
STA. A 73+64 - STA. A 79+25 LT

ANCHOR FOR STEEL BEAM GUARDRAIL
STA. A 73+65 LT
STA. A 78+10 RT

~~6 INCH UNDERDRAIN PIPE~~
~~STA. A 73+25 - STA. A 73+50 LT~~

REMOVING SIGNS
AS SHOWN - 2

STEEL BEAM GUARDRAIL, GALVANIZED
STA. A 73+25 - STA. A 75+72.5 RT
STA. A 77+72.5 - STA. A 78+10 RT

STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
~~STA. A 73+25 - STA. A 74+28.75 RT~~
~~STA. A 73+65 - STA. A 74+40 LT A 79+25 LT~~
~~STA. A 74+53.75 - STA. A 78+10 RT~~
~~STA. A 74+65 - STA. A 79+25 LT~~
~~STA. A 75+72.5 - STA. A 77+72.5 RT~~
~~STEEL BEAM GUARDRAIL, GALVANIZED/NESTED~~
~~W/8 FEET POSTS~~
~~STA. A 74+28.75 - STA. A 74+53.75 RT~~
~~STA. A 74+40 - STA. A 74+65 LT~~

CURVE #11
DELTA = 15°16'53"
D = 5°12'31"
R = 1100.00'
T = 147.57'
L = 293.38'
E = 9.85'

BANKING 0.072 FT/FT
DESIGN SPEED 50 MPH
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION

HVCNTRL 39
N: 874665.563
E: 1635842.384
ELEV. 1646.198

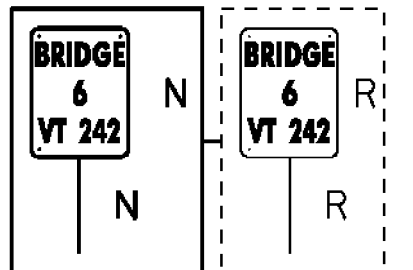
INV. 1643.00'
20' LT

SEE SHEET 9
FOR CULVERT
SPANNING DETAIL

INV. 1644.95

PI
STA A 74+77.52

STA. A 75+60 LT



STONE

WOODS

STA. A 74+47

CURVE #11 A 75+00

A 76+00

A 77+00

A 78+00

A 79+00

STONE

INV. 1641.97

SEE SHEET 9
FOR CULVERT
SPANNING DETAIL

EXISTING PAVEMENT
WIDTH 27'

PT
STA A 76+23.34

WOODS

3' - 11' - 11' - 3'

STONE FILL, TYPE I

STA. A 74+55 - STA. A 75+40 LT
STA. A 75+60 - STA. A 75+80 RT
STA. A 75+75 - STA. A 79+25 LT
STA. A 77+10 - STA. A 77+30 RT

GRUBBING MATERIAL

STA. A 74+55 - STA. A 75+40 LT
STA. A 75+60 - STA. A 75+80 RT
STA. A 75+75 - STA. A 79+25 LT
STA. A 77+10 - STA. A 77+30 RT

GEOTEXTILE UNDER STONE FILL

STA. A 74+55 - STA. A 75+40 LT
STA. A 75+60 - STA. A 75+80 RT
STA. A 75+75 - STA. A 79+25 LT
STA. A 77+10 - STA. A 77+30 RT

GEOTEXTILE FOR SILT FENCE

STA. A 74+55 - STA. A 75+40 LT
STA. A 75+60 - STA. A 75+80 RT
STA. A 75+75 - STA. A 79+25 LT
STA. A 77+10 - STA. A 77+30 RT

BRIDGE #6
12' x 7' PRE-CAST CONCRETE BOX

MINIMAL COVER
CONTRACTOR USE CAUTION
SEE DETAIL ON SHEET 8

LEGEND

- MAILBOX
- BORING
- SIGN
- HYDRANT
- MANHOLE
- WATER SHUT OFF (WSO)
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- UTILITY POLE

SIGN LEGEND

- R = REMOVE
- R&S = REMOVE AND SALVAGE
- RET = RETAIN
- S = SALVAGED
- N = NEW
- B-B = BACK TO BACK
- = EXISTING
- = NEW

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE IN FEET
20 0 20

PROJECT
LAYOUT
SHEET 50

PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(I)

FILE NAME: ploci90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: ploci90_71.I

PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 71 OF 178

SEH
2-24-14

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. A 73+25 - STA. A 79+25 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. A 73+25 - STA. A 79+25 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. A 73+25 - STA. A 79+25 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. A 73+25 - STA. A 79+25 (SOLID LT & RT)

REMOVAL & DISPOSAL OF GUARDRAIL
STA. A 73+25 - STA. A 77+99 RT
STA. A 73+64 - STA. A 79+25 LT

ANCHOR FOR STEEL BEAM GUARDRAIL
STA. A 73+65 LT
STA. A 78+10 RT

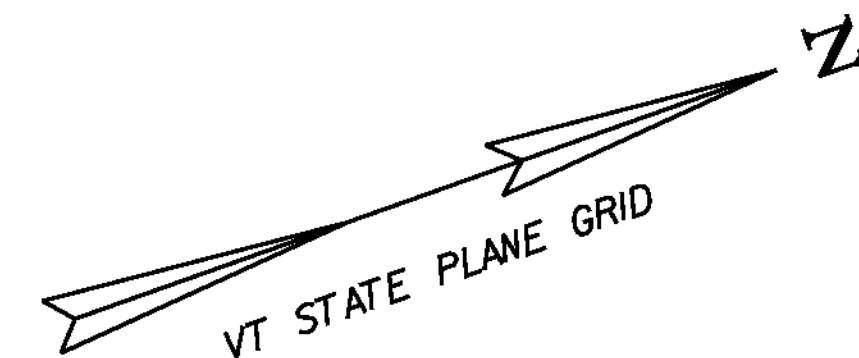
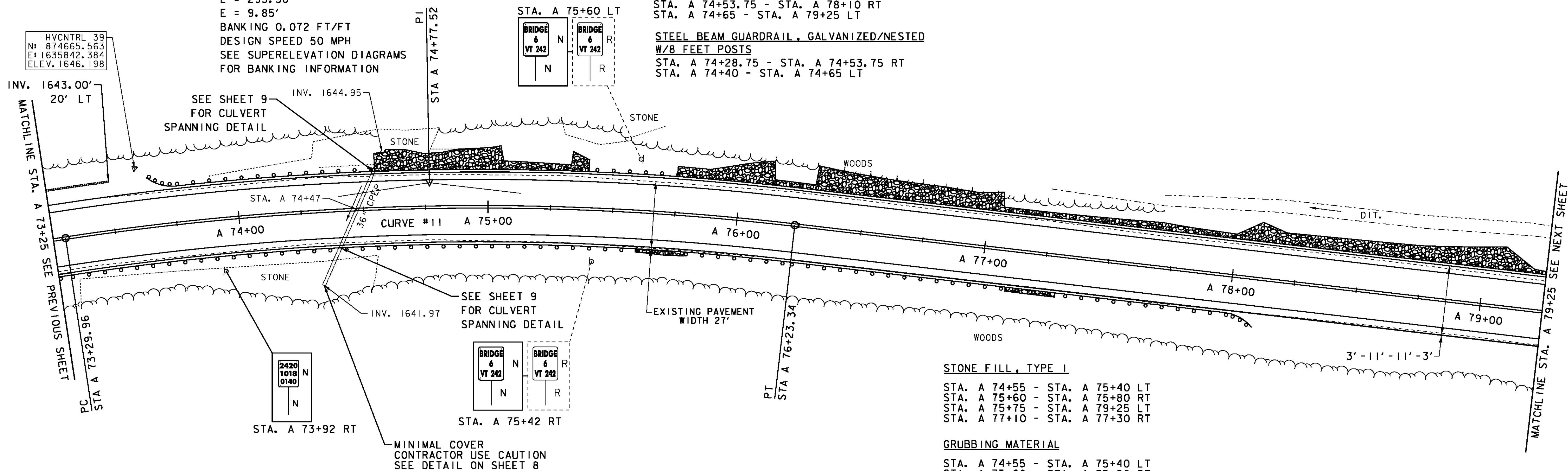
6 INCH UNDERDRAIN PIPE
STA. A 73+25 - STA. A 73+50 LT

REMOVING SIGNS
AS SHOWN - 2

STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
STA. A 73+25 - STA. A 74+28.75 RT
STA. A 73+65 - STA. A 74+40 LT
STA. A 74+53.75 - STA. A 78+10 RT
STA. A 74+65 - STA. A 79+25 LT

STEEL BEAM GUARDRAIL, GALVANIZED/NESTED W/8 FEET POSTS
STA. A 74+28.75 - STA. A 74+53.75 RT
STA. A 74+40 - STA. A 74+65 LT

CURVE #11
DELTA = 15°16'53"
D = 5°12'31"
R = 1100.00'
T = 147.57'
L = 293.38'
E = 9.85'
BANKING 0.072 FT/FT
DESIGN SPEED 50 MPH
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION



- LEGEND**
- MAILBOX
 - BORING
 - SIGN
 - HYDRANT
 - MANHOLE
 - WATER SHUT OFF (WSO)
 - GAS PIPELINE MARKER
 - CATCH BASIN / DROP INLET
 - CURB INLET
 - TRAFFIC CONTROL BOX
 - PARKING METER
 - UTILITY POLE

- SIGN LEGEND**
- R = REMOVE
 - R&S = REMOVE AND SALVAGE
 - RET = RETAIN
 - S = SALVAGED
 - N = NEW
 - B-B = BACK TO BACK
 - = EXISTING
 - = NEW

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE IN FEET
20 0 20

**PROJECT
LAYOUT
SHEET 50**

PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(I)

FILE NAME: p10ci90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10ci90_71.1

PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 71 OF 178

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. A 79+25 - STA. A 84+75 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. A 79+25 - STA. A 84+75 (SOLID LT & RT)

STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
STA. A 79+25 - STA. A 80+90 LT

REMOVAL & DISPOSAL OF GUARDRAIL
STA. A 79+25 - STA. A 80+83 LT

ANCHOR FOR STEEL BEAM GUARDRAIL
STA. A 80+90 LT

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. A 79+25 - STA. A 84+75 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. A 79+25 - STA. A 84+75 (SOLID LT & RT)

BARRIER FENCE
STA. A 81+08 - STA. A 84+34 LT
STA. A 81+16 - STA. A 83+72 RT

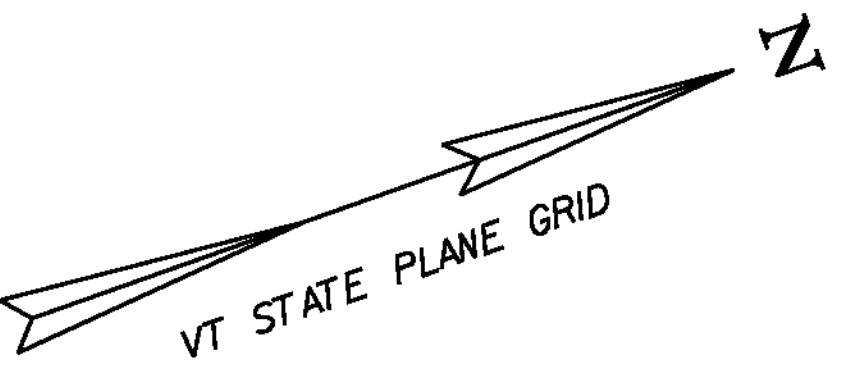
EROSION LOG
STA. A 81+08 - STA. A 84+34 LT
STA. A 81+16 - STA. A 83+72 RT

STONE FILL, TYPE I
STA. A 79+25 - STA. A 80+30 LT
STA. A 81+80 - STA. A 84+75 RT

GRUBBING MATERIAL
STA. A 79+25 - STA. A 80+30 LT
STA. A 81+80 - STA. A 84+75 RT

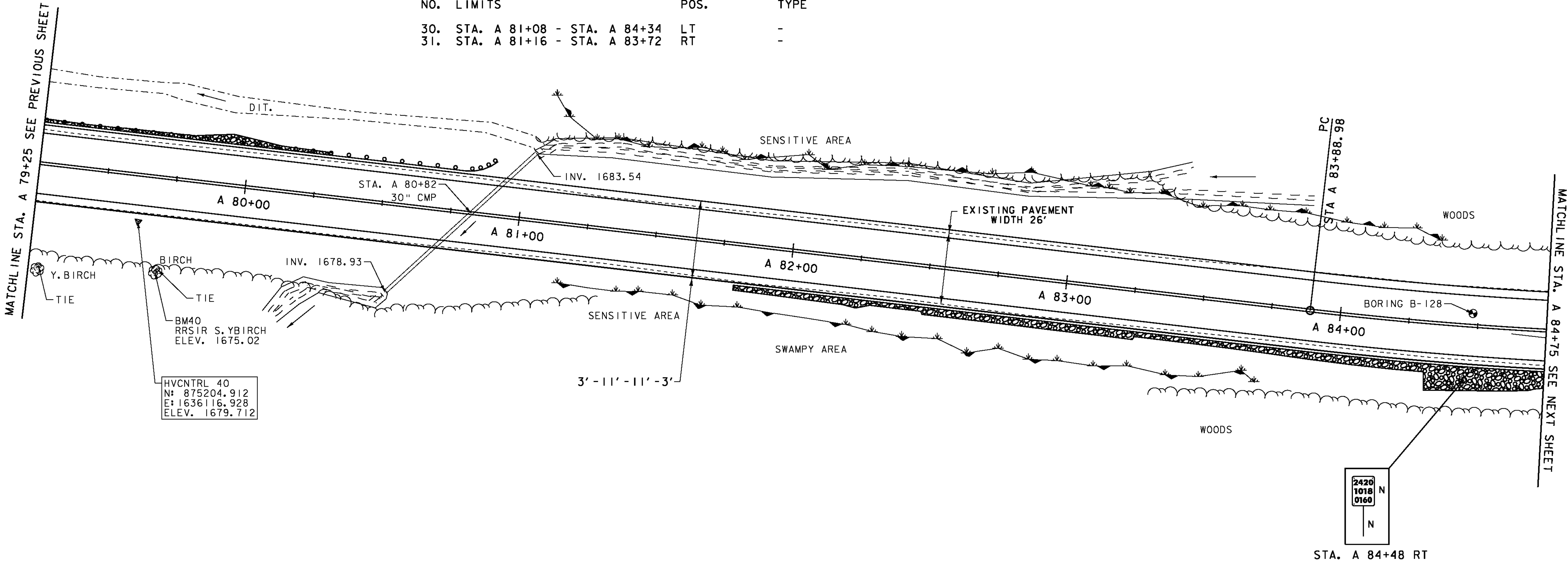
GEOTEXTILE UNDER STONE FILL
STA. A 79+25 - STA. A 80+30 LT
STA. A 81+80 - STA. A 84+75 RT

GEOTEXTILE FOR SILT FENCE
STA. A 79+25 - STA. A 80+30 LT
STA. A 81+80 - STA. A 84+75 RT



ENVIRONMENTALLY SENSITIVE LOCATIONS:

NO.	LIMITS	POS.	TYPE
30.	STA. A 81+08 - STA. A 84+34	LT	-
31.	STA. A 81+16 - STA. A 83+72	RT	-



SIGN LEGEND

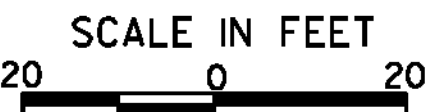
- R = REMOVE
- R&S = REMOVE AND SALVAGE
- RET = RETAIN
- S = SALVAGED
- N = NEW
- B-B = BACK TO BACK
- = EXISTING
- = NEW

LEGEND

- MAILBOX
- BORING
- SIGN
- HYDRANT
- MANHOLE
- WATER SHUT OFF (WSO)
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET

- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- UTILITY POLE

DATUM	NAVD 88
	NAD 83



PROJECT LAYOUT SHEET 51

PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(1)

FILE NAME: p10CI90.dgn
PROJECT LEADER: CDL
DESIGNED BY: S.J.L.
PLOT FILE: p10CI90_72.1

PLOT DATE: 9/5/12
DRAWN BY: S.J.L.
CHECKED BY: EPD
SHEET 72 OF 178

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. A 84+75 - STA. A 90+50 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. A 84+75 - STA. A 90+50 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. A 84+75 - STA. A 90+50 (SOLID LT & RT)

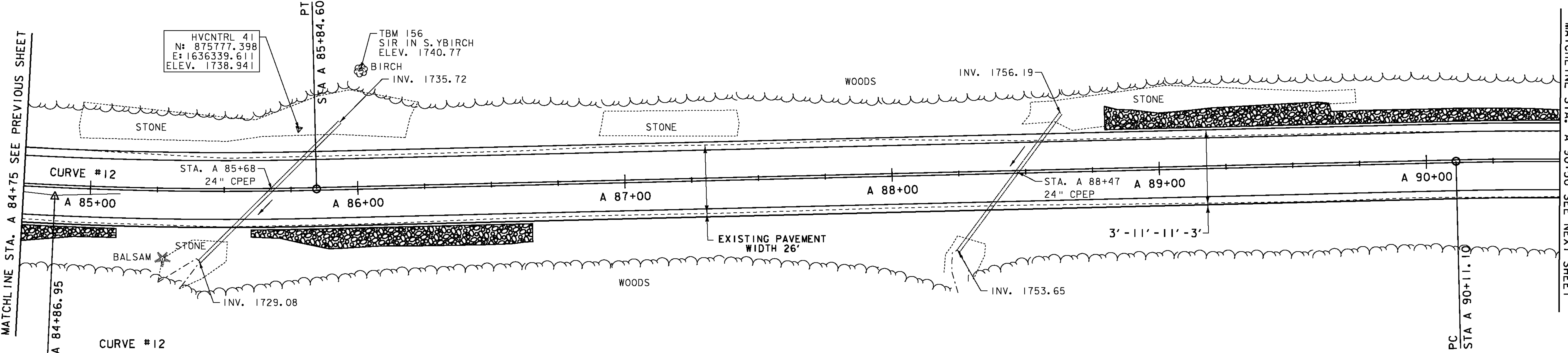
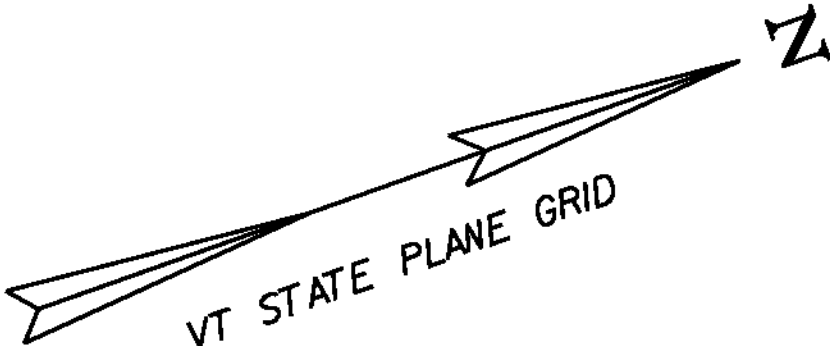
TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. A 84+75 - STA. A 90+50 (SOLID LT & RT)

STONE FILL, TYPE I
STA. A 84+75 - STA. A 85+10 RT
STA. A 85+60 - STA. A 86+65 RT
STA. A 88+80 - STA. A 90+50 LT

GRUBBING MATERIAL
STA. A 84+75 - STA. A 85+10 RT
STA. A 85+60 - STA. A 86+65 RT
STA. A 88+80 - STA. A 90+50 LT

GEOTEXTILE UNDER STONE FILL
STA. A 84+75 - STA. A 85+10 RT
STA. A 85+60 - STA. A 86+65 RT
STA. A 88+80 - STA. A 90+50 LT

GEOTEXTILE FOR SILT FENCE
STA. A 84+75 - STA. A 85+10 RT
STA. A 85+60 - STA. A 86+65 RT
STA. A 88+80 - STA. A 90+50 LT



CURVE #12
DELTA = 8°00'21"
D = 4°05'33"
R = 1400.00'
T = 97.97'
L = 195.62'
E = 3.42'
BANKING 0.064 FT/FT
DESIGN SPEED 50 MPH
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION

- LEGEND**
- MAILBOX
 - BORING
 - SIGN
 - HYDRANT
 - MANHOLE
 - WATER SHUT OFF (WSO)
 - GAS PIPELINE MARKER
 - CATCH BASIN / DROP INLET
 - CURB INLET
 - TRAFFIC CONTROL BOX
 - PARKING METER
 - UTILITY POLE

SIGN LEGEND

- R = REMOVE
- R&S = REMOVE AND SALVAGE
- RET = RETAIN
- S = SALVAGED
- N = NEW
- B-B = BACK TO BACK
- = EXISTING
- = NEW

DATUM
NAVD 88
NAD 83

SCALE IN FEET
20 0 20

**PROJECT
LAYOUT
SHEET 52**

PROJECT NAME:	MONTGOMERY-WESTFIELD
PROJECT NUMBER:	STP 2906(1)
FILE NAME:	p10ci90.dgn
PROJECT LEADER:	CDL
DESIGNED BY:	SJL
PLOT FILE:	p10ci90_73.1
PLOT DATE:	9/5/12
DRAWN BY:	SJL
CHECKED BY:	EPD
SHEET	73 OF 178

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. A 96+25 - STA. A 101+75 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. A 96+25 - STA. A 101+75 (SOLID LT & RT)

STEEL BEAM GUARDRAIL, GALVANIZED
STA. A 100+35 - STA. ~~A 101+75 LT~~ - A 101+22.5 LT
STA. A 98+25 - STA. A 99+50 RT
STA. A 100+12.5 - STA. A 101+00 RT
REMOVAL & DISPOSAL OF GUARDRAIL
STA. A 100+35 - STA. A 101+75 LT

ANCHOR FOR STEEL BEAM GUARDRAIL
STA. A 100+35 LT

STEEL BEAM GUARDRAIL, GALVANIZED W/ 8 FOOT POSTS
STA. A 101+22.5 - STA. A 101+75 LT
STA. A 99+50 - STA. A 100+12.5 RT

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. A 96+25 - STA. A 101+75 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. A 96+25 - STA. A 101+75 (SOLID LT & RT)

STONE FILL, TYPE I
STA. A 98+75 - STA. A 99+00 RT
STA. A 101+30 - STA. A 101+75 LT

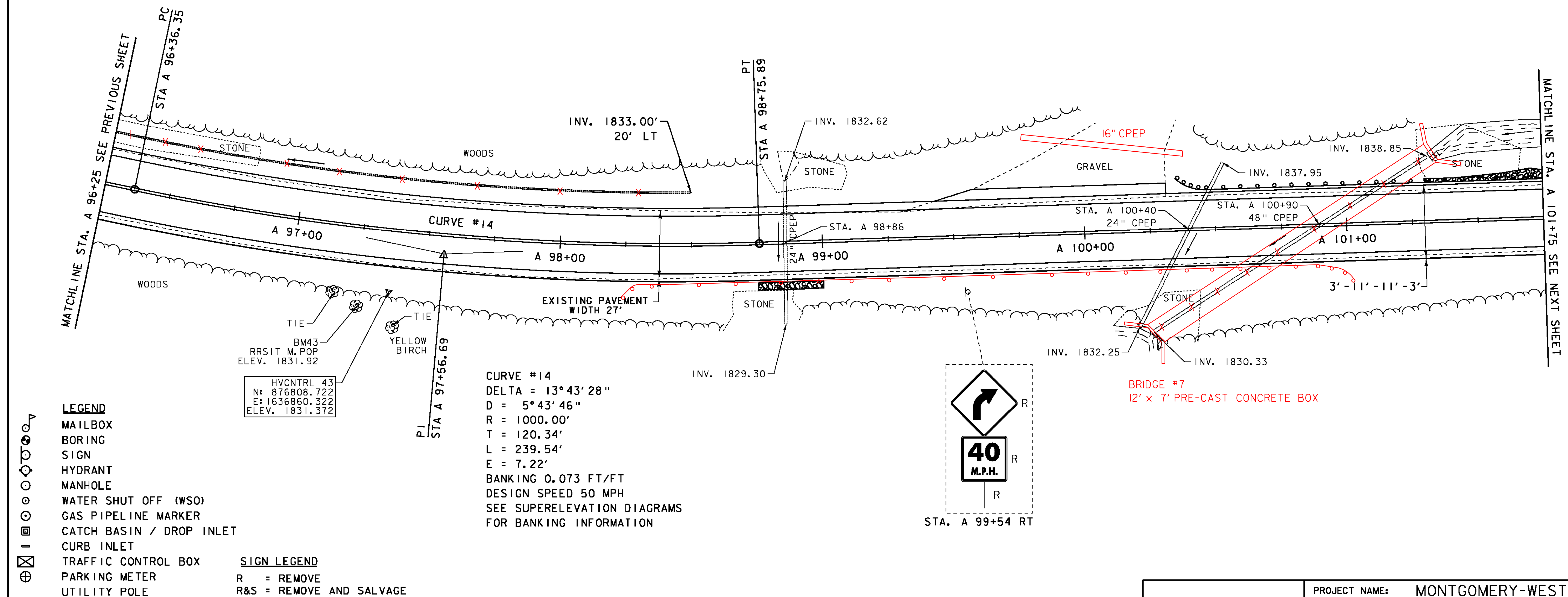
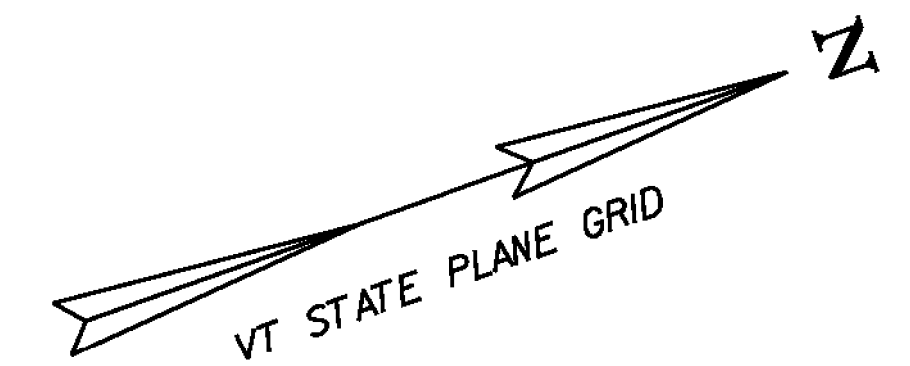
GRUBBING MATERIAL
STA. A 98+75 - STA. A 99+00 RT
STA. A 101+30 - STA. A 101+75 LT

GEOTEXTILE UNDER STONE FILL
STA. A 98+75 - STA. A 99+00 RT
STA. A 101+30 - STA. A 101+75 LT

GEOTEXTILE FOR SILT FENCE
STA. A 98+75 - STA. A 99+00 RT
STA. A 101+30 - STA. A 101+75 LT

6 INCH UNDERDRAIN PIPE
STA. A 96+25 - STA. A ~~98+50~~ LT
96+30

REMOVING SIGNS
AS SHOWN - 2



DATUM
NAVD 88
NAD 83

SCALE IN FEET
20 0 20

PROJECT LAYOUT SHEET 54

PROJECT NAME:	MONTGOMERY-WESTFIELD
PROJECT NUMBER:	STP 2906(I)
FILE NAME:	p10C190.dgn
PROJECT LEADER:	CDL
DESIGNED BY:	SJL
PLOT FILE:	p10C190_75.I
PLOT DATE:	9/5/12
DRAWN BY:	SJL
CHECKED BY:	EPD
SHEET	75 OF 178

SEH
2-24-14

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. A 101+75 - STA. A 107+50 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. A 101+75 - STA. A 107+50 (SOLID LT & RT)

STEEL BEAM GUARDRAIL, GALVANIZED
STA. ~~A 101+75~~ - STA. A 102+85 LT
A 102+60

REMOVAL & DISPOSAL OF GUARDRAIL
STA. A 101+75 - STA. A 102+84 LT

ANCHOR FOR STEEL BEAM GUARDRAIL
STA. A 102+85 LT

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. A 101+75 - STA. A 107+50 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. A 101+75 - STA. A 107+50 (SOLID LT & RT)

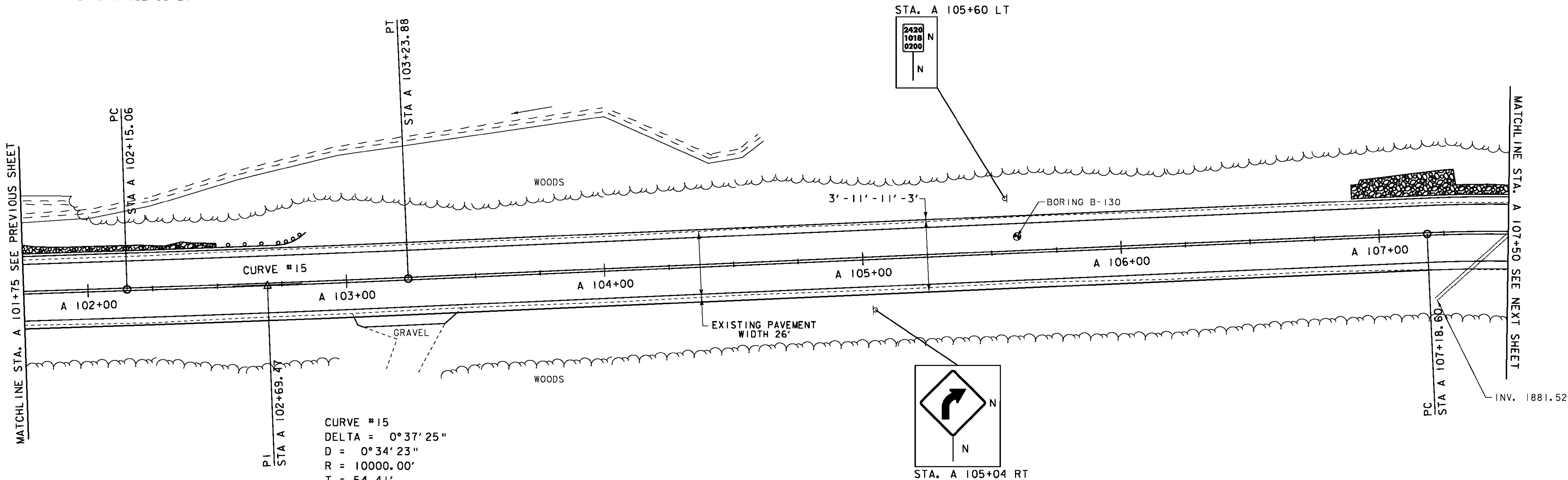
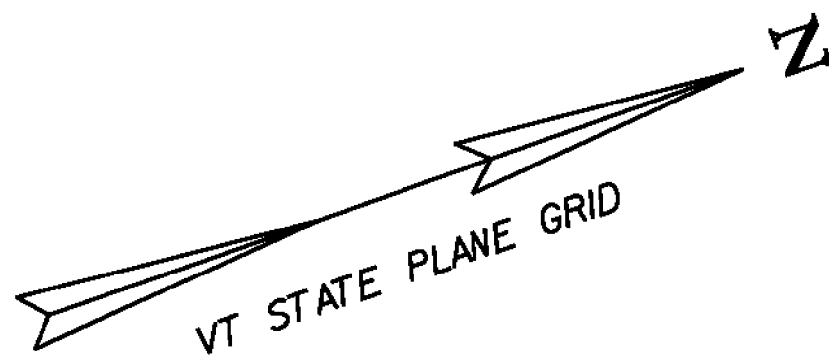
STEEL BEAM GUARDRAIL, GALVANIZED W/ 8 FOOT POSTS
STA. A 101+75 - STA. A 102+60 LT

STONE FILL, TYPE I
STA. A 101+75 - STA. A 102+50 LT
STA. A 106+90 - STA. A 107+50 LT

GRUBBING MATERIAL
STA. A 101+75 - STA. A 102+50 LT
STA. A 106+90 - STA. A 107+50 LT

GEOTEXTILE UNDER STONE FILL
STA. A 101+75 - STA. A 102+50 LT
STA. A 106+90 - STA. A 107+50 LT

GEOTEXTILE FOR SILT FENCE
STA. A 101+75 - STA. A 102+50 LT
STA. A 106+90 - STA. A 107+50 LT



CURVE #15
DELTA = 0°37'25"
D = 0°34'23"
R = 10000.00'
T = 54.41'
L = 108.82'
E = 0.15'
BANKING NORMAL CROWN
DESIGN SPEED 50 MPH
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION

- LEGEND**
- MAILBOX
 - BORING
 - SIGN
 - HYDRANT
 - MANHOLE
 - WATER SHUT OFF (WSO)
 - GAS PIPELINE MARKER
 - CATCH BASIN / DROP INLET
 - CURB INLET
 - TRAFFIC CONTROL BOX
 - PARKING METER
 - UTILITY POLE

- SIGN LEGEND**
- R = REMOVE
 - R&S = REMOVE AND SALVAGE
 - RET = RETAIN
 - S = SALVAGED
 - N = NEW
 - B-B = BACK TO BACK
 - = EXISTING
 - = NEW

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE IN FEET
20 0 20

**PROJECT
LAYOUT
SHEET 55**

PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(I)

FILE NAME: p10C190.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C190_76.I

PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 76 OF 178

SEH
2-24-14

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. A 101+75 - STA. A 107+50 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. A 101+75 - STA. A 107+50 (SOLID LT & RT)

STONE FILL, TYPE I
STA. A 101+75 - STA. A 102+50 LT
STA. A 106+90 - STA. A 107+50 LT

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. A 101+75 - STA. A 107+50 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. A 101+75 - STA. A 107+50 (SOLID LT & RT)

GRUBBING MATERIAL
STA. A 101+75 - STA. A 102+50 LT
STA. A 106+90 - STA. A 107+50 LT

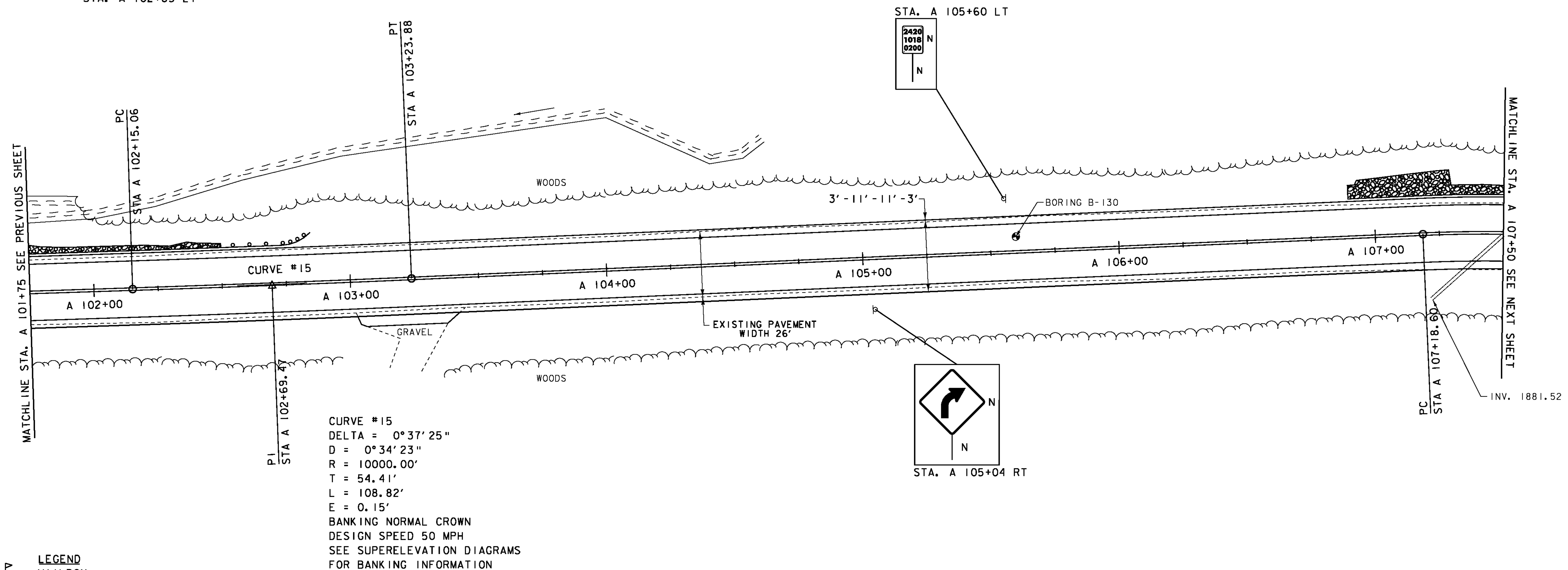
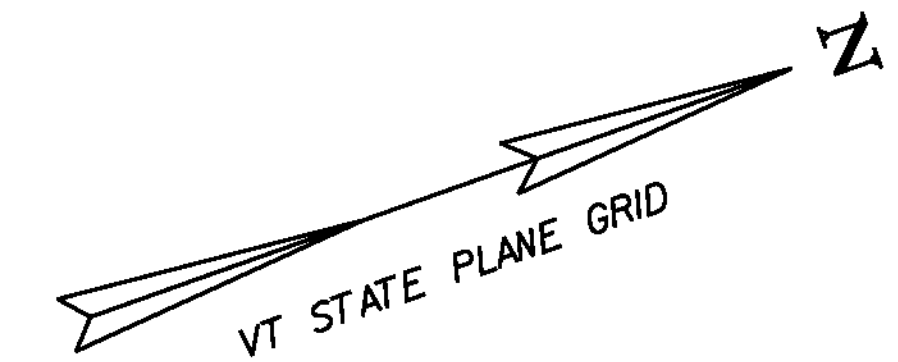
STEEL BEAM GUARDRAIL, GALVANIZED
STA. A 101+75 - STA. A 102+85 LT

REMOVAL & DISPOSAL OF GUARDRAIL
STA. A 101+75 - STA. A 102+84 LT

ANCHOR FOR STEEL BEAM GUARDRAIL
STA. A 102+85 LT

GEOTEXTILE UNDER STONE FILL
STA. A 101+75 - STA. A 102+50 LT
STA. A 106+90 - STA. A 107+50 LT

GEOTEXTILE FOR SILT FENCE
STA. A 101+75 - STA. A 102+50 LT
STA. A 106+90 - STA. A 107+50 LT



- LEGEND**
- MAILBOX
 - BORING
 - SIGN
 - HYDRANT
 - MANHOLE
 - WATER SHUT OFF (WSO)
 - GAS PIPELINE MARKER
 - CATCH BASIN / DROP INLET
 - CURB INLET
 - TRAFFIC CONTROL BOX
 - PARKING METER
 - UTILITY POLE

- SIGN LEGEND**
- R = REMOVE
 - R&S = REMOVE AND SALVAGE
 - RET = RETAIN
 - S = SALVAGED
 - N = NEW
 - B-B = BACK TO BACK
 - = EXISTING
 - = NEW

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE IN FEET
20 0 20

**PROJECT
LAYOUT
SHEET 55**

PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(I)

FILE NAME: p10ci90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10ci90_76.i

PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 76 OF 178

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. A 107+50 - STA. A 113+25 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. A 107+50 - STA. A 113+25 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. A 107+50 - STA. A 113+25 (SOLID LT & RT)

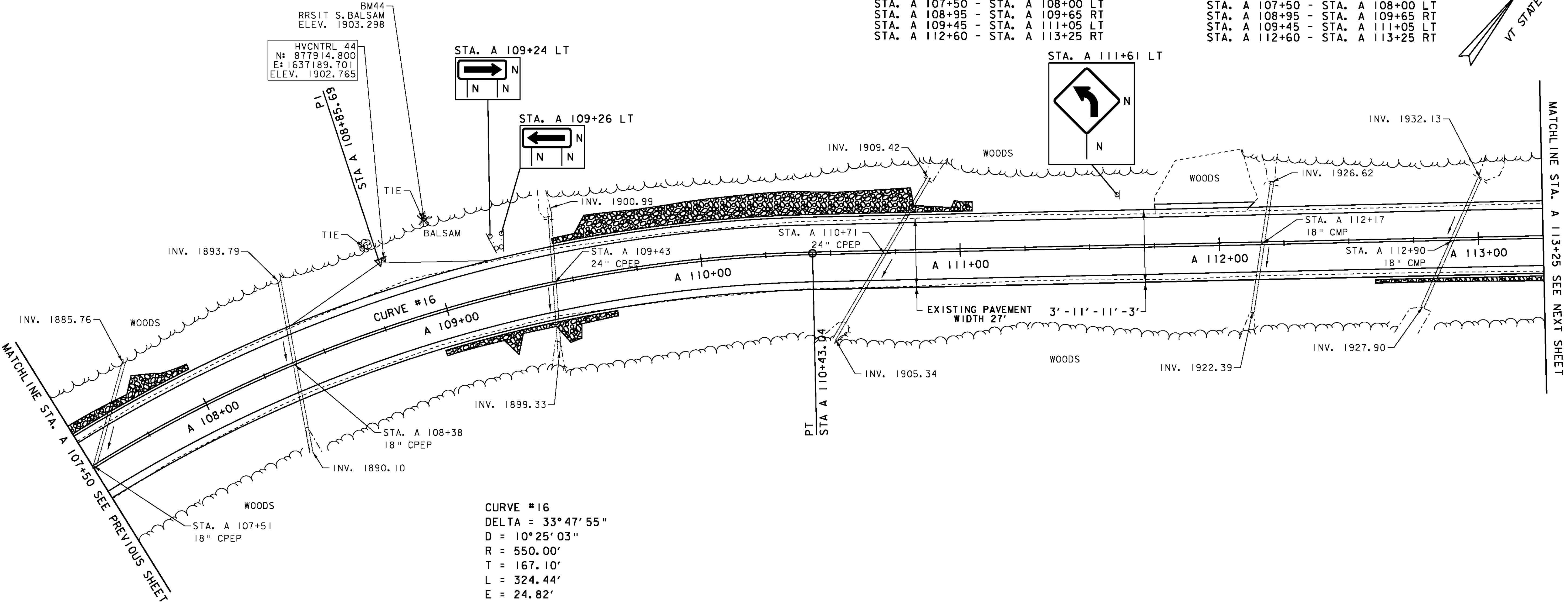
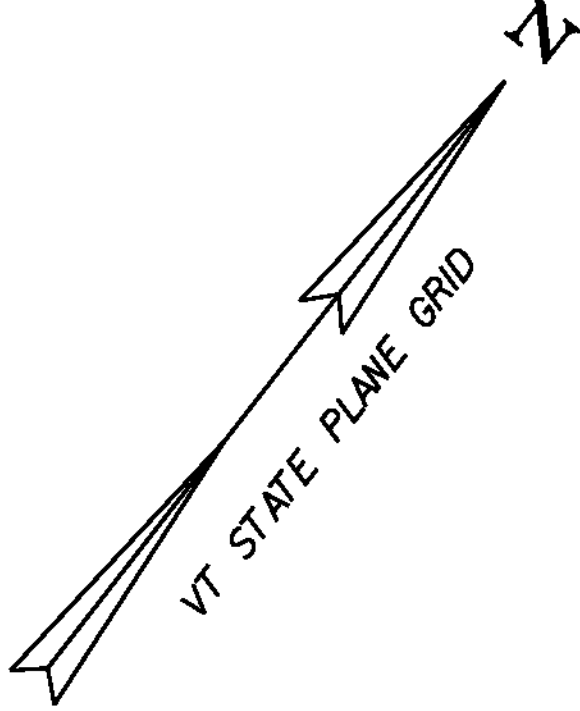
TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. A 107+50 - STA. A 113+25 (SOLID LT & RT)

STONE FILL, TYPE I
STA. A 107+50 - STA. A 108+00 LT
STA. A 108+95 - STA. A 109+65 RT
STA. A 109+45 - STA. A 111+05 LT
STA. A 112+60 - STA. A 113+25 RT

GRUBBING MATERIAL
STA. A 107+50 - STA. A 108+00 LT
STA. A 108+95 - STA. A 109+65 RT
STA. A 109+45 - STA. A 111+05 LT
STA. A 112+60 - STA. A 113+25 RT

GEOTEXTILE UNDER STONE FILL
STA. A 107+50 - STA. A 108+00 LT
STA. A 108+95 - STA. A 109+65 RT
STA. A 109+45 - STA. A 111+05 LT
STA. A 112+60 - STA. A 113+25 RT

GEOTEXTILE FOR SILT FENCE
STA. A 107+50 - STA. A 108+00 LT
STA. A 108+95 - STA. A 109+65 RT
STA. A 109+45 - STA. A 111+05 LT
STA. A 112+60 - STA. A 113+25 RT



CURVE #16
DELTA = 33°47'55"
D = 10°25'03"
R = 550.00'
T = 167.10'
L = 324.44'
E = 24.82'
BANKING 0.080 FT/FT
DESIGN SPEED 40 MPH
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION

- LEGEND**
- MAILBOX
 - BORING
 - SIGN
 - HYDRANT
 - MANHOLE
 - WATER SHUT OFF (WSO)
 - GAS PIPELINE MARKER
 - CATCH BASIN / DROP INLET
 - CURB INLET
 - TRAFFIC CONTROL BOX
 - PARKING METER
 - UTILITY POLE

- SIGN LEGEND**
- R = REMOVE
 - R&S = REMOVE AND SALVAGE
 - RET = RETAIN
 - S = SALVAGED
 - N = NEW
 - B-B = BACK TO BACK
 - = EXISTING
 - = NEW

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE IN FEET
20 0 20

PROJECT LAYOUT SHEET 56	PROJECT NAME: MONTGOMERY-WESTFIELD	
	PROJECT NUMBER: STP 2906(1)	
	FILE NAME: p10ci90.dgn	PLOT DATE: 9/5/12
	PROJECT LEADER: CDL	DRAWN BY: SJL
	DESIGNED BY: SJL	CHECKED BY: EPD
	PLOT FILE: p10ci90_77.1	SHEET 77 OF 178

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. A 119+25 - STA. A 124+75 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. A 119+25 - STA. A 124+75 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. A 119+25 - STA. A 124+75 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. A 119+25 - STA. A 124+75 (SOLID LT & RT)

6 INCH UNDERDRAIN PIPE
STA. A 122+00 - STA. A 124+75 LT
03

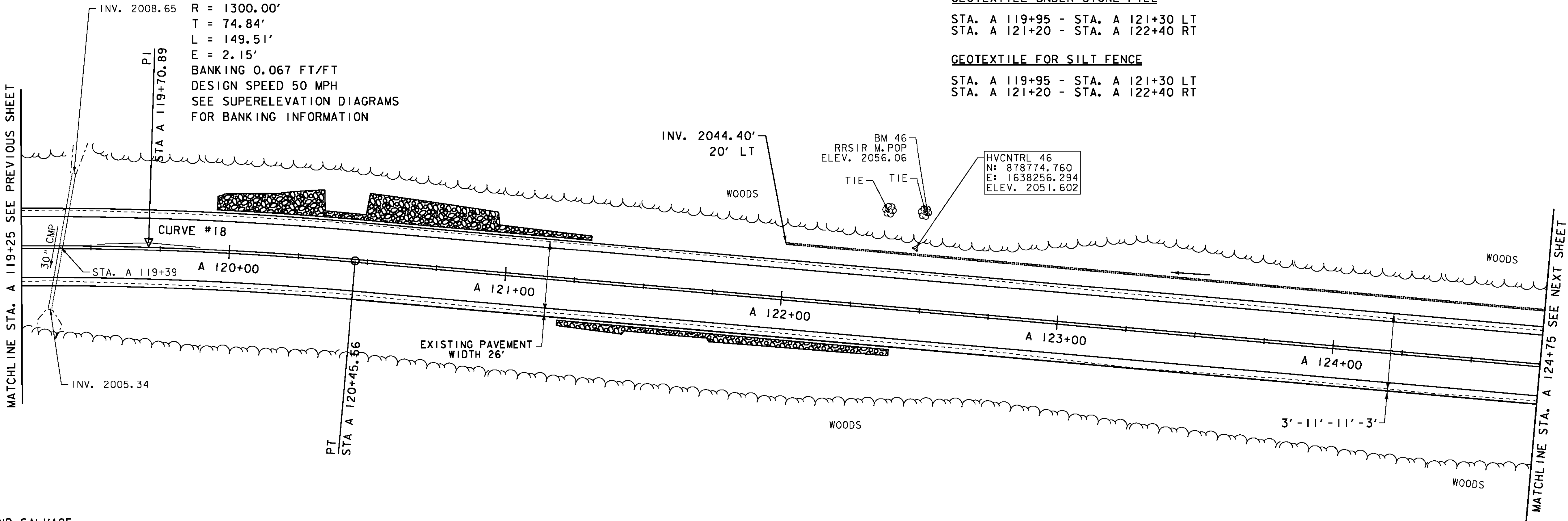
STONE FILL, TYPE 1
STA. A 119+95 - STA. A 121+30 LT
STA. A 121+20 - STA. A 122+40 RT

GRUBBING MATERIAL
STA. A 119+95 - STA. A 121+30 LT
STA. A 121+20 - STA. A 122+40 RT

GEOTEXTILE UNDER STONE FILL
STA. A 119+95 - STA. A 121+30 LT
STA. A 121+20 - STA. A 122+40 RT

GEOTEXTILE FOR SILT FENCE
STA. A 119+95 - STA. A 121+30 LT
STA. A 121+20 - STA. A 122+40 RT

CURVE #18
DELTA = 6°35'22"
D = 4°24'27"
R = 1300.00'
T = 74.84'
L = 149.51'
E = 2.15'
BANKING 0.067 FT/FT
DESIGN SPEED 50 MPH
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION



SIGN LEGEND

- R = REMOVE
- R&S = REMOVE AND SALVAGE
- RET = RETAIN
- S = SALVAGED
- N = NEW
- B-B = BACK TO BACK
- = EXISTING
- = NEW

- LEGEND
- MAILBOX
 - BORING
 - SIGN
 - HYDRANT
 - MANHOLE
 - WATER SHUT OFF (WSO)
 - GAS PIPELINE MARKER
 - CATCH BASIN / DROP INLET
 - CURB INLET
 - TRAFFIC CONTROL BOX
 - PARKING METER
 - UTILITY POLE

DATUM
NAVD 88
NAD 83

SCALE IN FEET
20 0 20

PROJECT
LAYOUT
SHEET 58

PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(I)

FILE NAME: p10C190.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C190_79.I

PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 79 OF 178

SEH
2-24-14

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. A 124+75 - STA. A 130+75 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. A 124+75 - STA. A 130+75 (SOLID LT & RT)

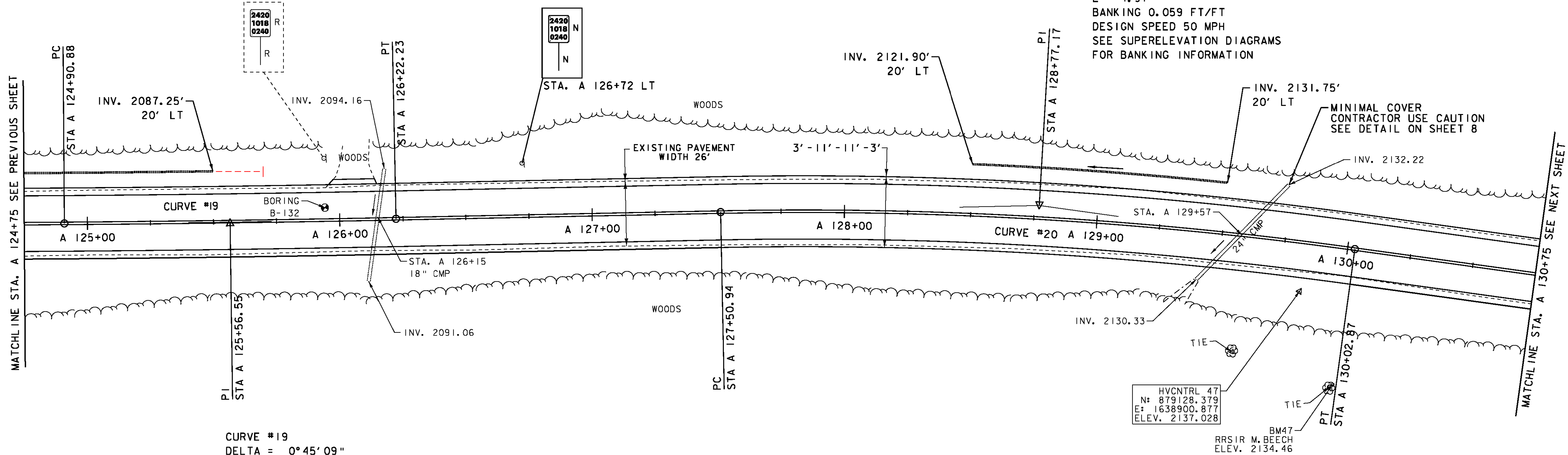
TEMPORARY 4 INCH WHITE LINE, PAINT
STA. A 124+75 - STA. A 130+75 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. A 124+75 - STA. A 130+75 (SOLID LT & RT)

6 INCH UNDERDRAIN PIPE
STA. A 124+75 - STA. A 125+50 LT
STA. A 128+50 - STA. A 129+50 LT

REMOVING SIGNS
AS SHOWN - 1

CURVE #20
DELTA = 9°01'18"
D = 3°34'52"
R = 1600.00'
T = 126.23'
L = 251.93'
E = 4.97'
BANKING 0.059 FT/FT
DESIGN SPEED 50 MPH
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION



CURVE #19
DELTA = 0°45'09"
D = 0°34'23"
R = 10000.00'
T = 65.68'
L = 131.35'
E = 0.22'
BANKING NORMAL CROWN
DESIGN SPEED 50 MPH
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION

LEGEND

- MAILBOX
- BORING
- SIGN
- HYDRANT
- MANHOLE
- WATER SHUT OFF (WSO)
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- UTILITY POLE

SIGN LEGEND

- R = REMOVE
- R&S = REMOVE AND SALVAGE
- RET = RETAIN
- S = SALVAGED
- N = NEW
- B-B = BACK TO BACK
- = EXISTING
- = NEW

DATUM
NAVD 88
NAD 83

SCALE IN FEET
20 0 20

**PROJECT
LAYOUT
SHEET 59**

PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(I)

FILE NAME: p10C190.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C190_80.I

PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 80 OF 178

SEH
2-24-14

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. A 130+75 - STA. A 136+75 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. A 130+75 - STA. A 136+75 (SOLID LT & RT)

6 INCH UNDERDRAIN PIPE
STA. A 133+~~50~~⁷² - STA. A 136+~~50~~⁴⁰

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. A 130+75 - STA. A 136+75 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. A 130+75 - STA. A 136+75 (SOLID LT & RT)

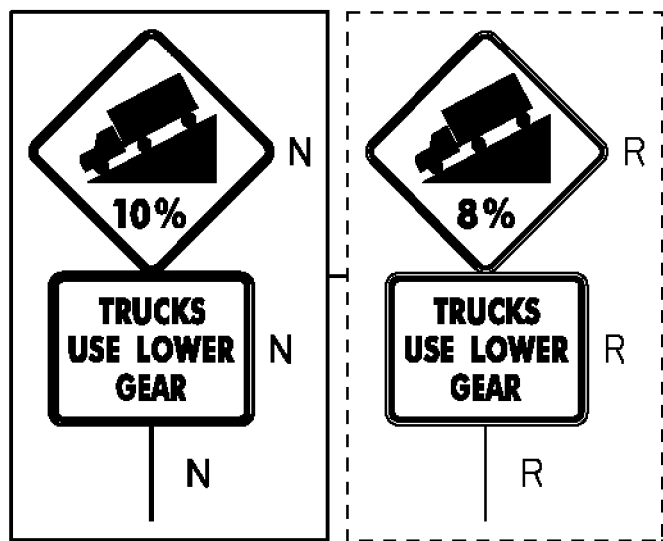
STONE FILL, TYPE I
STA. A 131+60 - STA. A 132+50 RT

GRUBBING MATERIAL
STA. A 131+60 - STA. A 132+50 RT

GEOTEXTILE UNDER STONE FILL
STA. A 131+60 - STA. A 132+50 RT

GEOTEXTILE FOR SILT FENCE
STA. A 131+60 - STA. A 132+50 RT

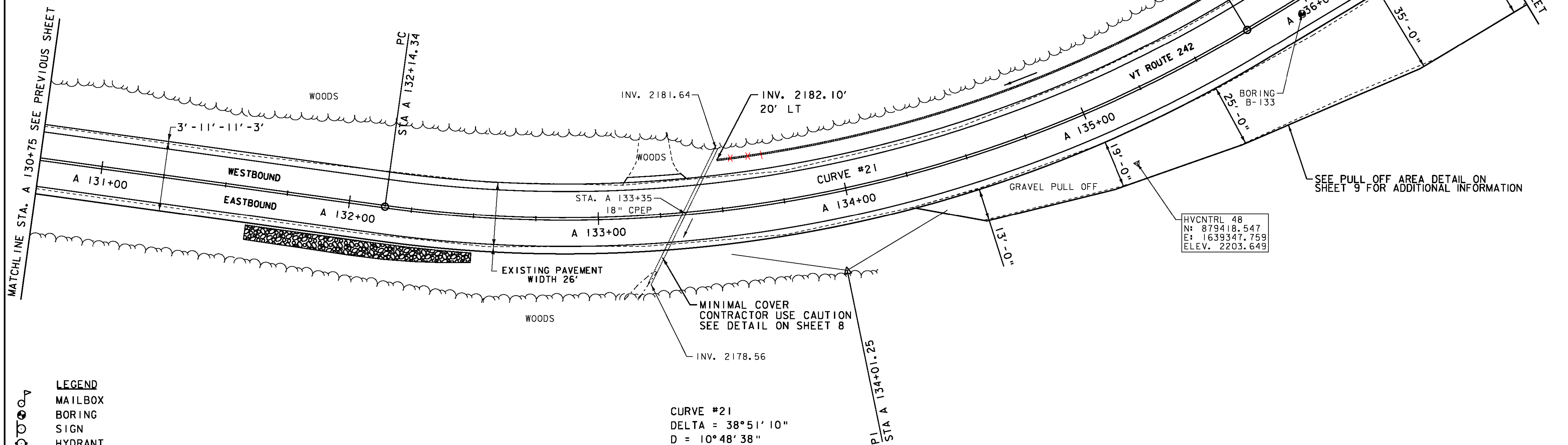
REMOVING SIGNS
AS SHOWN - 2



STA. A 136+00 LT

INV. 2204.75'
20' LT

MATCH LINE STA. A 136+75 SEE NEXT SHEET
35'-0"



- LEGEND**
- MAILBOX
 - BORING
 - SIGN
 - HYDRANT
 - MANHOLE
 - WATER SHUT OFF (WSO)
 - GAS PIPELINE MARKER
 - CATCH BASIN / DROP INLET
 - CURB INLET
 - TRAFFIC CONTROL BOX
 - PARKING METER
 - UTILITY POLE

- SIGN LEGEND**
- R = REMOVE
 - R&S = REMOVE AND SALVAGE
 - RET = RETAIN
 - S = SALVAGED
 - N = NEW
 - B-B = BACK TO BACK
 - = EXISTING
 - = NEW

CURVE #21
DELTA = 38°51' 10"
D = 10°48' 38"
R = 530.00'
T = 186.92'
L = 359.40'
E = 31.99'
BANKING 0.080 FT/FT
DESIGN SPEED 50 MPH
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION

SCALE IN FEET
20 0 20

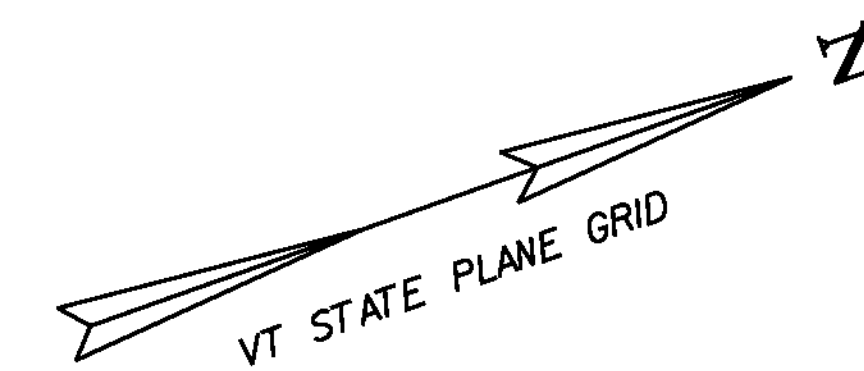
**PROJECT
LAYOUT
SHEET 60**

PROJECT NAME: MONTGOMERY-WESTFIELD	
PROJECT NUMBER: STP 2906(1)	
FILE NAME: pIOC190.dgn	PLOT DATE: 9/5/12
PROJECT LEADER: CDL	DRAWN BY: SJL
DESIGNED BY: SJL	CHECKED BY: EPD
PLOT FILE: pIOC190_81A.1	SHEET 81A OF 178

SEH
2-24-14

TRAFFIC SIGN SUMMARY SHEET 1

SEH
2-24-14



DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. A 136+75 - STA. A 138+65.00 (SOLID LT & RT)

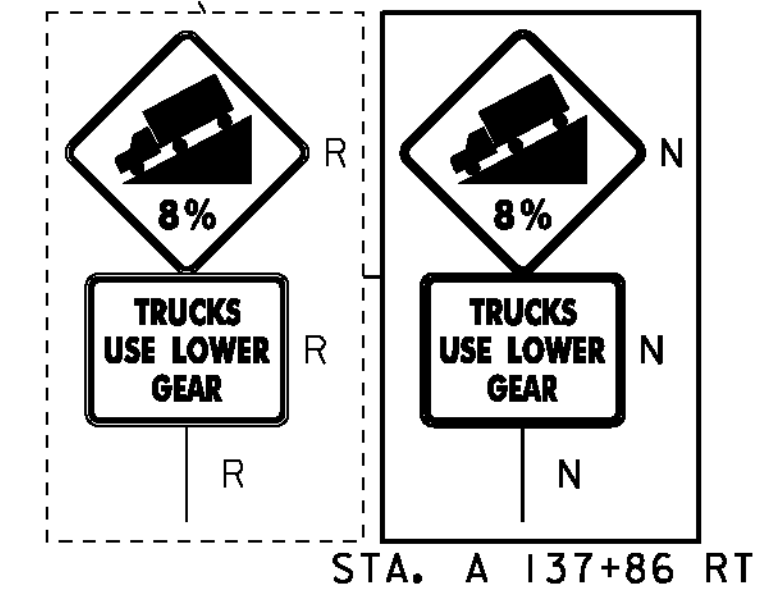
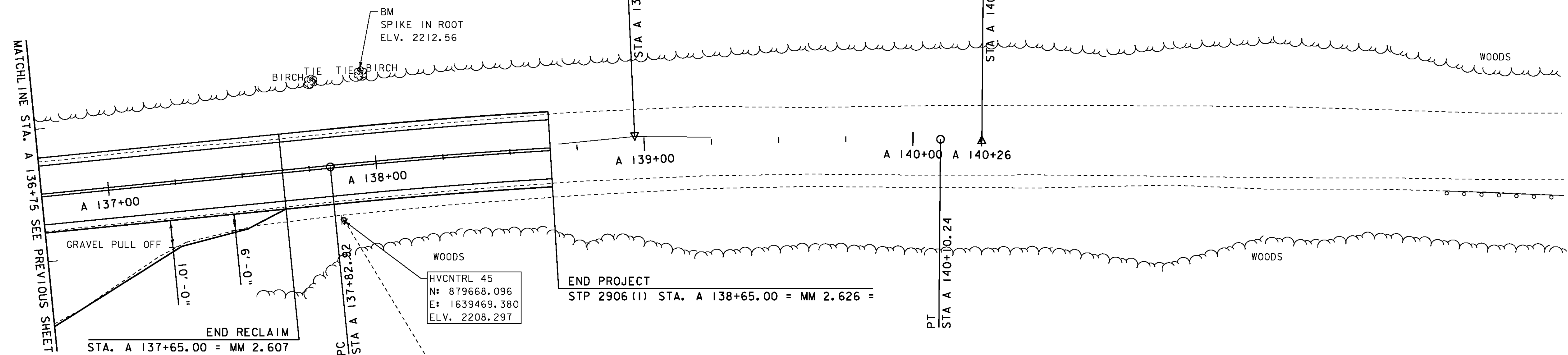
TEMPORARY 4 INCH WHITE LINE, PAINT
STA. A 136+75 - STA. A 138+65.00 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. A 136+75 - STA. A 138+65.00 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. A 136+75 - STA. A 138+65.00 (SOLID LT & RT)

REMOVING SIGNS
AS SHOWN - 2

CURVE #22
DELTA = 6°12'08"
D = 2°43'42"
R = 2100.00'
T = 113.77'
L = 227.32'
E = 3.08'



- LEGEND**
- MAILBOX
 - BORING
 - SIGN
 - HYDRANT
 - MANHOLE
 - WATER SHUT OFF (WSO)
 - GAS PIPELINE MARKER
 - CATCH BASIN / DROP INLET
 - CURB INLET
 - TRAFFIC CONTROL BOX
 - PARKING METER
 - UTILITY POLE

- SIGN LEGEND**
- R = REMOVE
 - R&S = REMOVE AND SALVAGE
 - RET = RETAIN
 - S = SALVAGED
 - N = NEW
 - B-B = BACK TO BACK
 - = EXISTING
 - = NEW

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE IN FEET
20 0 20

PROJECT LAYOUT SHEET 61	PROJECT NAME: MONTGOMERY-WESTFIELD	
	PROJECT NUMBER: STP 2906(I)	
	FILE NAME: p10CI90.dgn	PLOT DATE: 9/5/12
	PROJECT LEADER: CDL	DRAWN BY: SJL
	DESIGNED BY: SJL	CHECKED BY: EPD
	PLOT FILE: p10CI90_8IB.I	SHEET 8IB OF 178

TRAFFIC SIGN SUMMARY SHEET 1

FINAL POST LENGTHS ARE TO BE DETERMINED
IN THE FIELD. POST SIZES ARE COMPUTED
BASED ON INFORMATION FURNISHED ON THE
STANDARD SHEETS AND THE VTRANS
"SIGN POST DESIGN GUIDELINE."

STATE OF VERMONT AGENCY OF TRANSPORTATION				TRAFFIC SIGN SUMMARY SHEET 2																																		
MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																				REMARKS SHSM = FHWA STANDARD HIGHWAY SIGNS AND MARKINGS BOOK	SIGN DETAIL						
		E A	WIDTH (in)	HEIGHT (in)	“A”	“B”	SALV SIGN	SALV TIS	RE TAIN	SAL VAGE	NO. OF POSTS	FLANGED CHANNEL			SQUARE STEEL (in)			TUBULAR ALUMINUM Ø (in)			TUBULAR STEEL Ø (in)				W-SHAPE STEEL				RE FRUIT NEED	DETAIL IN SHSM		DETAIL ON DWG. NUMBER	STD. SHEET NUMBER					
												lb/ft			1.75	2.0	2.5	ANCHOR	S LEEVE	3.0	4.0	4.0 MOD	FOUND- ATION	3.0	3.5	4.0	5.0	FTG. SIZE						WEIGHT	POST SIZE			
												1.12	2.0	3.0	1.88	2.42	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6	24"								30"		
STA. 1+83 RT MONTGOMERY		I	36	36	9.00						2					X		X																	W11-8	SHSM		
STA. 4+97 RT MONTGOMERY		I	30	30	6.25						1					X		X																	RI-1	SHSM		
STA. 5+62 RT MONTGOMERY		I	30	30	6.25						1					X		X																	W3-1	SHSM		E-154
		I	30	30	6.25																													VW-054				
STA. 5+62 LT MONTGOMERY		I	30	30	6.25						1					X		X																	W3-1	SHSM		
STA. 7+05 LT MONTGOMERY		I	36	12	3.00						1					X		X																	D3-1		98A	
STA. 7+40 RT MONTGOMERY		I	24	30	5.00						1					X		X																	R2-1	SHSM		
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."												LF	LF	LF	LF	LF	105	LF		EA.	LB	LB	LB		LB	LB	LB	LB										
												LF			LF			105	LB			EA.	LB			EA.	EA.	LB	TRAFFIC SIGN SUMMARY SHEET 2		PROJECT NAME: MONTGOMERY-WESTFIELD							
												LF			LF			105	LB			EA.	LB			EA.	EA.	LB			PROJECT NUMBER: STP 2906(1)							
												LF			LF			105	LB			EA.	LB			EA.	EA.	LB	FILE NAME: p10CI90.dgn		PLOT DATE: 9/5/12							
												LF			LF			105	LB			EA.	LB			EA.	EA.	LB	PROJECT LEADER: CDL		DRAWN BY: SJL							
												LF			LF			105	LB			EA.	LB			EA.	EA.	LB	DESIGNED BY: SJL		CHECKED BY: CDL							
												LF			LF			105	LB			EA.	LB			EA.	EA.	LB	PLOT FILE: p10CI90_83.1		SHEET 83 OF 178							

TRAFFIC SIGN SUMMARY SHEET 5

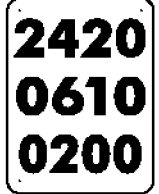
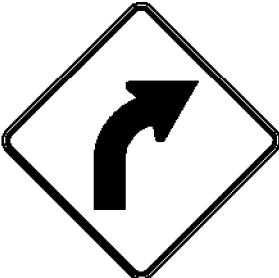
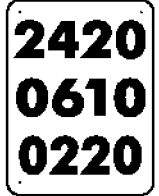
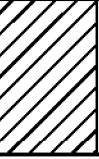
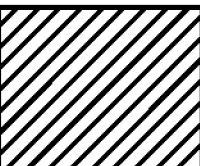
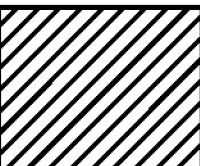
SEH
2-24-14

TRAFFIC SIGN SUMMARY SHEET 4

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST RETAINED	NO. OF POSTS SALVAGED	FLANGED CHANNEL			SQUARE STEEL (in)				NEW SIGN POSTS TUBULAR ALUMINUM Ø (in)			TUBULAR STEEL Ø (in)				W-SHAPE STEEL			REQUIREMENTS SIGNAGE	REMARKS SHSM = FHWA STANDARD HIGHWAY SIGNS AND MARKINGS BOOK	SIGN DETAIL											
					"A"	"B"	SALV SIGN	SALV TIS			1.12	2.0	3.0	1.75	2.0	2.5	ANCHOR	LIMITS	3.0	4.0	4.0 MOD	FOUND-ATION	3.0	3.5	4.0	5.0	FTG. SIZE			WEIGHT	POST SIZE	DETAIL IN SHSM	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER							
		lb/ft																									lb/ft								lb/ft			24"	30"		
		EA	WIDTH (in)	HEIGHT (in)																							1.88								2.42	3.35	1.3			1.7	1.7
STA. 12+10 LT MONTGOMERY		I	30	30	6.25						I					X		X											WI-2L	SHSM											
STA. 14+30 LT MONTGOMERY		I	30	18	3.75						I					X		X											VD-018		98B										
STA. 14+56 RT MONTGOMERY		I	36	36	9.00						2					X		X											S3-1	FLUORESCENT YELLOW-GREEN WITH TYPE IX SHEETING	SHSM										
STA. 20+90 LT MONTGOMERY		I	48	24	8.00						2					X		X											WI-6L	SHSM											
STA. 21+12 RT MONTGOMERY		I	6	10	0.42						I					X		X											VD-700			E-138									
STA. 21+23 LT MONTGOMERY		I	54	12	4.50						2					X		X											D3-1		98A										
STA. 21+25 LT MONTGOMERY		I	30	30	6.25						I					X		X											R1-1	SHSM											
STA. 21+64 LT MONTGOMERY		I	24	30	5.00						I					X		X											VR-017			E-141									
STA. 24+21 LT MONTGOMERY		I	30	36	7.50						I					X		X											R2-1	SHSM											
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."												LF	LF	LF	LF 8	LF 165	LF		EA.	LB	LB	LB		LB	LB	LB	LB														
												LF			LF 173				LB		EA.	LB			EA.	EA.	LB														
												LF			LF 173				LB		EA.	LB			EA.	EA.	LB														
												LF			LF 173				LB		EA.	LB			EA.	EA.	LB														
												LF			LF 173				LB		EA.	LB			EA.	EA.	LB														
												LF			LF 173				LB		EA.	LB			EA.	EA.	LB														
												LF			LF 173				LB		EA.	LB			EA.	EA.	LB														
												LF			LF 173				LB		EA.	LB			EA.	EA.	LB														
												LF			LF 173				LB		EA.	LB			EA.	EA.	LB														
												LF			LF 173				LB		EA.	LB			EA.	EA.	LB														
												LF			LF 173				LB		EA.	LB			EA.	EA.	LB														
												LF			LF 173				LB		EA.	LB			EA.	EA.	LB														
												LF			LF 173				LB		EA.	LB			EA.	EA.	LB														
												LF			LF 173				LB		EA.	LB			EA.	EA.	LB														
												LF			LF 173				LB		EA.	LB			EA.	EA.	LB														
												LF			LF 173				LB		EA.	LB			EA.	EA.	LB														
												LF			LF 173				LB		EA.	LB			EA.	EA.	LB														
												LF			LF 173				LB		EA.	LB			EA.	EA.	LB														
												LF			LF 173				LB		EA.	LB			EA.	EA.	LB														
												LF			LF 173				LB		EA.	LB			EA.	EA.	LB														
												LF			LF 173				LB		EA.	LB			EA.	EA.	LB														
												LF			LF 173				LB		EA.	LB			EA.	EA.	LB														
												LF			LF 173				LB		EA.	LB			EA.	EA.	LB														
												LF			LF 173				LB		EA.	LB			EA.	EA.	LB														
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												LF			LF 173				LB		EA.	LB			EA.	EA.	LB														
												LF			LF 173				LB		EA.	LB			EA.	EA.	LB														
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												LF			LF 173				LB		EA.	LB			EA.	EA.	LB														
												LF			LF 173				LB																						

TRAFFIC SIGN SUMMARY SHEET 5

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST REIN- FORCE- MENT	NO. OF POSTS	FLANGED CHANNEL			SQUARE STEEL			NEW SIGN POSTS			TUBULAR STEEL				W-SHAPE STEEL				RE- QUIR- ED	REMARKS SHSM = FHWA STANDARD HIGHWAY SIGNS AND MARKINGS BOOK	SIGN DETAIL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
					"A"	"B"	SALV SIGN	SALV TIS						(in)									FTG. SIZE		WEIGHT	POST SIZE	DETAIL IN SHSM			DETAIL ON DWG. NUMBER	STD. SHEET NUMBER																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
		1.75	2.0	2.5							ANCHOR	ELECTRIC	TUBULAR ALUMINUM			TUBULAR STEEL				FOUND- ATION	3.0	3.5	4.0	5.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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1.12	2.0	3.0	1.88	2.42	3.35	1.3	1.7	1.7	7.6	9.0	10.8	14.6	24"	30"																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
STA. 24+23 RT MONTGOMERY		I	24	30	5.00					I				X		X											R2-I	SHSM																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
STA. 26+21 LT MONTGOMERY		I	30	30	6.25					I				X		X											WI-2L	SHSM																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
STA. 27+90 LT MONTGOMERY		I	36	36	9.00					2				X		X											W3-5	SHSM																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
STA. 29+77 LT MONTGOMERY		I	36	36	9.00					2				X		X										S3-I	FLUORESCENT YELLOW-GREEN WITH TYPE IX SHEETING	SHSM																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
STA. 31+68 RT MONTGOMERY		I	6	10	0.42					I				X		X											VD-700			E-138																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
STA. 33+04 LT MONTGOMERY		I	60	12	5.00					2				X		X											D3-I		98A																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
STA. 33+06 LT MONTGOMERY		I	30	30	6.25					I				X		X											RI-I	SHSM																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
		I	6	10	0.42																						VD-700			E-138																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
STA. 33+32 LT MONTGOMERY		I	30	30	6.25					I				X		X											WI4-I	SHSM																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."											LF	LF	LF	LF 8	LF 150	LF		EA.	LB	LB	LB		EA.	LB	LB	LB	LB																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			</

STATE OF VERMONT AGENCY OF TRANSPORTATION		TRAFFIC SIGN SUMMARY SHEET 8																																															
MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST RETAIN SALVAGE	NO. OF POSTS	NEW SIGN POSTS																		REMARKS SHSM = FHWA STANDARD HIGHWAY SIGNS AND MARKINGS BOOK	SIGN DETAIL																			
					"A"	"B"	SALV SIGN	SALV TIS			FLANGED CHANNEL			SQUARE STEEL (in)			TUBULAR ALUMINUM Ø (in)			TUBULAR STEEL Ø (in)				W-SHAPE STEEL				DETAIL IN SHSM		DETAIL ON DWG. NUMBER	STD. SHEET NUMBER																		
		lb/ft	1.75	2.0							2.5	ANCHOR	SLEEVE	3.0	4.0	4.0 MOD	FOUND- ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE																								
																						1.12	2.0			3.0	1.88					2.42	3.35	1.3	1.7	1.7	7.6	9.0	10.8	14.6	24"	30"							
STA. 96+61 LT MONTGOMERY		I	78	12	6.50						2					X		X															D3-I		98A														
STA. 96+63 LT MONTGOMERY		I	30	30	6.25						I					X		X															RI-I	SHSM															
		I	6	10	0.42																												VD-700		E-138														
STA. 96+96 LT MONTGOMERY		I	24	30	5.00						I					X		X															VR-017		E-141														
STA. 105+60 RT MONTGOMERY		I	30	30	6.25						I					X		X															WI-2R	SHSM															
		I	6	10	0.42																												VD-700		E-138														
STA. 107+40 RT MONTGOMERY		I	6	8	0.34						I					X		X															VD-701		E-134														
STA. 108+11 LT MONTGOMERY		I	6	8	0.34						I					X		X															VD-701		E-134														
STA. 112+00 LT MONTGOMERY		I	30	30	6.25						I						X		X														WI-2L	SHSM															
STA. 116+16 LT MONTGOMERY		I	6	10	0.42						I					X		X															VD-700		E-138														
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."												LF	LF	LF	LF 24	LF 90	LF		EA.	LB	LB	LB			LB	LB	LB	LB																					
												LF			LF 114				LB			EA.	LB			EA.	EA.	LB																					
																																																	
												TOTALS			SF 32.19	SF	EA. -	SF																															
																												TRAFFIC SIGN SUMMARY SHEET 8		PROJECT NAME: MONTGOMERY-WESTFIELD PROJECT NUMBER: STP 2906(1) FILE NAME: p10C190.dgn PROJECT LEADER: CDL DESIGNED BY: SJL PLOT FILE: p10C190_89.1										PLOT DATE: 9/5/12 DRAWN BY: SJL CHECKED BY: CDL SHEET 89 OF 178									

TRAFFIC SIGN SUMMARY SHEET 7

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST REMAINING	NO. OF POSTS	FLANGED CHANNEL			SQUARE STEEL (in)				NEW SIGN POSTS			TUBULAR STEEL Ø (in)				W-SHAPE STEEL				REQUIRE D SIGN GAU- NED	REMARKS SHSM = FHWA STANDARD HIGHWAY SIGNS AND MARKINGS BOOK	SIGN DETAIL					
					“A”	“B”	SALV SIGN	SALV TIS						L75	2.0	2.5	ANCHOR ELECTRIC LIMITS	TUBULAR ALUMINUM Ø (in)			TUBULAR STEEL Ø (in)				FTG. SIZE		WEIGHT	POST SIZE			DETAIL IN SHSM	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER			
		lb/ft	lb/ft	lb/ft							FOUND- ATION	3.0	3.5					4.0 MOD	lb/ft	lb/ft	lb/ft	24"	30"													
																								1.12	2.0	3.0								1.88	2.42	3.35
STA. 66+63 RT MONTGOMERY		I	36	12	3.00					I				X		X												D3-I		98A						
STA. 73+92 RT MONTGOMERY		I	6	10	0.42					I				X		X												VD-700			E-138					
STA. 78+78 LT MONTGOMERY		I	30	36	7.50					I				X		X												R2-I	SHSM							
STA. 78+78 RT MONTGOMERY		I	24	30	5.00					I				X		X												R2-I	SHSM							
STA. 83+21LT MONTGOMERY		I	36	36	9.00					2				X		X												W3-5	SHSM							
STA. 84+28 RT MONTGOMERY		I	42	12	3.50					I				X		X												D3-I		98A						
STA. 84+48 LT MONTGOMERY		I	6	10	0.42					I				X		X												VD-700			E-138					
STA. 95+04 LT MONTGOMERY		I	6	10	0.42					I				X		X												VD-700			E-138					
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."											LF	LF	LF	LF 24	LF 90	LF		EA.	LB	LB	LB		LB	LB	LB	LB										
					TOTALS	SF 29.26	SF	EA. -	SF		LF			LF 114			LB			EA.	LB				EA.	EA.	LB	TRAFFIC SIGN SUMMARY SHEET 7			PROJECT NAME: MONTGOMERY-WESTFIELD PROJECT NUMBER: STP 2906 (I) FILE NAME: p10CI90.dgn PROJECT LEADER: CDL DESIGNED BY: SJL PLOT FILE: p10CI90_88.I			PLOT DATE: 9/5/12 DRAWN BY: SJL CHECKED BY: CDL SHEET 88 OF 178		

TRAFFIC SIGN SUMMARY SHEET 8

STA. 96+61 LT MONTGOMERY		I	78	12	6.50						2					X		X											D3-I		98A	
STA. 96+63 LT MONTGOMERY		I	30	30	6.25					I						X		X											R1-I	SHSM		
		I	6	10	0.42																								VD-700			E-138
STA. 96+96 LT MONTGOMERY		I	24	30	5.00					I						X		X											VR-017			E-141
STA. 105+60 RT MONTGOMERY		I	30	30	6.25					I						X		X											W1-2R	SHSM		
		I	6	10	0.42																								VD-700			E-138
STA. 107+40 RT MONTGOMERY		I	6	8	0.34					I					X			X											VD-701			E-134
STA. 108+11 LT MONTGOMERY		I	6	8	0.34					I					X			X											VD-701			E-134
STA. 112+00 LT MONTGOMERY		I	30	30	6.25					I						X		X											W1-2L	SHSM		
STA. 116+16 LT MONTGOMERY		I	6	10	0.42					I					X			X											VD-700			E-138

TOTALS	
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PROJECT LEADER
DESIGNED BY

ER: CDI
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CDL

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TRAFFIC SIGN SUMMARY SHEET 8

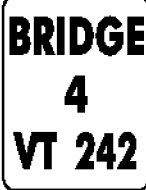
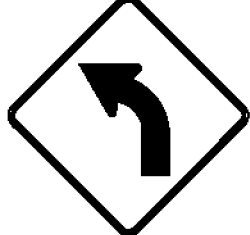
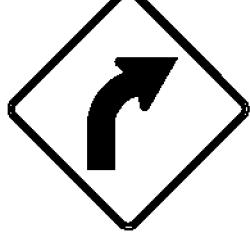
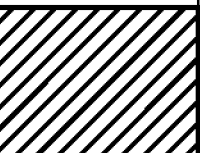
PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(I)

FILE NAME: p10CI90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10CI90_89.1

PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: CDL
SHEET 89 OF 178

TRAFFIC SIGN SUMMARY SHEET 11

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2-24-14

STATE OF VERMONT AGENCY OF TRANSPORTATION		TRAFFIC SIGN SUMMARY SHEET 12																																						
MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST POST REMAIN SALVAGE	NO. OF POST S	NEW SIGN POSTS																		REMARKS SHSM = FHWA STANDARD HIGHWAY SIGNS AND MARKINGS BOOK	SIGN DETAIL											
				"A"	"B"	SALV SIGN	SALV TIS			FLANGED CHANNEL			SQUARE STEEL (in)			TUBULAR ALUMINUM Ø (in)			TUBULAR STEEL Ø (in)				W-SHAPE STEEL			DETAIL IN SHSM	DETAIL ON DWG. NUMBER		STD. SHEET NUMBER											
		lb/ft	1.75							2.0	2.5	ANCHOR	SPLICE	3.0	4.0	4.0 MOD	FOUND- ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE															
																						1.2	2.0							3.0	1.88	2.42	3.35	1.3	1.7	1.7	7.6	9.0	10.8	14.6
STA. 187+94 RT MONTGOMERY		I	6	8	0.34					I				X			X															VD-70I			E-134					
STA. 188+24 LT MONTGOMERY		I	6	8	0.34					I				X			X															VD-70I			E-134					
STA. 189+32 RT MONTGOMERY		I	30	30	6.25					I				X			X															WI-2	SHSM							
		I	24	24	4.00																											WI3-I	SHSM							
STA. 190+08 LT MONTGOMERY		I	6	10	0.42					I				X			X															VD-700			E-138					
STA. 191+28 RT MONTGOMERY		I	48	24	8.00					2				X			X															WI-6L	SHSM							
STA. 191+30 RT MONTGOMERY		I	48	24	8.00					2				X			X															WI-6R	SHSM							
STA. 194+05 LT MONTGOMERY		I	30	30	6.25					I				X			X															WI-2	SHSM							
		I	24	24	4.00																											WI3-I	SHSM							
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."											LF	LF	LF	LF 24	LF 90	LF		EA.	LB	LB	LB		LB	LB	LB	LB														
											LF			LF 114			LB			EA.	LB				EA.	EA.	LB					TRAFFIC SIGN SUMMARY SHEET 12			PROJECT NAME: MONTGOMERY-WESTFIELD PROJECT NUMBER: STP 2906(1) FILE NAME: p10C190.dgn PROJECT LEADER: CDL DESIGNED BY: SJL PLOT FILE: p10C190_93.I			PLOT DATE: 9/5/12 DRAWN BY: SJL CHECKED BY: CDL SHEET 93 OF 178		
					TOTALS	SF 37.60	SF	EA. -	SF		LF			LF 114			LB			EA.	LB				EA.	EA.	LB													

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 13

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST POST		NO. OF POSTS	NEW SIGN POSTS														RE FRUIT NEE D	REMARKS SHSM = FHWA STANDARD HIGHWAY SIGNS AND MARKINGS BOOK	SIGN DETAIL								
				"A"	"B"	SALV SIGN	SALV TIS	RE TAIN	SALV AGE		FLANGED CHANNEL			SQUARE STEEL (in)			TUBULAR ALUMINUM Ø (in)			TUBULAR STEEL Ø (in)				W-SHAPE STEEL				DETAIL IN SHSM	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER					
		lb/ft	1.75								2.0	2.5	ANCHOR	SLEEVE	3.0	4.0	4.0 MOD	FOUND- ATION	3.0	3.5	4.0	5.0	FTG. SIZE				WEIGHT				POST SIZE				
																							1.2	2.0								3.0	1.88	2.42	3.35
STA. 200+79 RT MONTGOMERY STA. A 0+00 RT WESTFIELD	Westfield Montgomery	1	72	10	5.00						2					X		X														VD-024		98A	
	Orleans Co Franklin Co	1	72	10	5.00																										VD-024		98A		
	2420 1018 0000	1	6	10	0.42																										VD-700			E-138	
	2420 0610 0383	1	6	10	0.42																										VD-700			E-138	
STA. A 10+56 RT WESTFIELD	2420 2120 1018 0020	1	6	10	0.42						1				X		X														VD-700			E-138	
STA. A 21+12 LT WESTFIELD	2420 2120 1018 0040	1	6	10	0.42						1				X		X														VD-700			E-138	
STA. A 31+25 RT WESTFIELD	2420 2120 1018 0060	1	6	10	0.42						1				X		X														VD-700			E-138	
STA. A 36+57 RT WESTFIELD	BRIDGE 5 VT 242	1	6	8	0.34						1				X		X														VD-701			E-134	
STA. A 37+12 LT WESTFIELD	BRIDGE 5 VT 242	1	6	8	0.34						1				X		X														VD-701			E-134	
STA. A 42+24 LT WESTFIELD	2420 1018 0080	1	6	10	0.42						1				X		X														VD-700			E-138	
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."												LF	LF	LF	LF 48	LF 30	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
												LF			LF				LB			EA.	LB			EA.	EA.	LB							
												LF			LF				LB			EA.	LB			EA.	EA.	LB							
												LF			LF				LB			EA.	LB			EA.	EA.	LB							
												LF			LF				LB			EA.	LB			EA.	EA.	LB							
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												LF			LF				LB			EA.	LB			EA.	EA.	LB							
												LF</																							

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 14

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST RETAIN	SALVAGE	NO. OF POSTS	NEW SIGN POSTS																				REMARKS SHSM = FHWA STANDARD HIGHWAY SIGNS AND MARKINGS BOOK	SIGN DETAIL				
												FLANGED CHANNEL			SQUARE STEEL (in)			TUBULAR ALUMINUM Ø (in)			TUBULAR STEEL Ø (in)				W-SHAPE STEEL				DETAIL IN SHSM	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER						
		"A"	"B"	SALV SIGN	SALV TIS	1.2	2.0	3.0				1.75	2.0	2.5	ANCHOR	SLEEVE	3.0	4.0	4.0 MOD	FOUND- ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE									
																									lb/ft	lb/ft							lb/ft	lb/ft	24"	30"	
STA. A 53+30 RT WESTFIELD		I	6	10	0.42						I				X			X																VD-700			E-138
STA. A 62+20 LT WESTFIELD		I	6	10	0.42						I				X			X															VD-700			E-138	
STA. A 73+92 RT WESTFIELD		I	6	10	0.42						I				X			X															VD-700			E-138	
STA. A 75+42 RT WESTFIELD		I	6	8	0.34						I				X			X															VD-70I			E-134	
STA. A 75+60 LT WESTFIELD		I	6	8	0.34						I				X			X															VD-70I			E-134	
STA. A 84+48 RT WESTFIELD		I	6	10	0.42						I				X			X															VD-700			E-138	
STA. A 95+04 RT WESTFIELD		I	6	10	0.42						I				X			X															VD-700			E-138	
STA. A 96+00 RT MONTGOMERY		I	30	30	6.25						I					X		X															WI-2	SHSM			
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."												LF	LF	LF	LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB											
												LF			LF				LB			EA.	LB			EA.	EA.	LB									
												LF			71																						

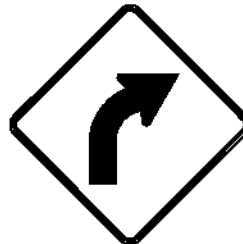
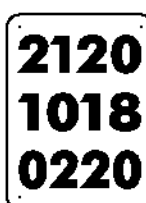
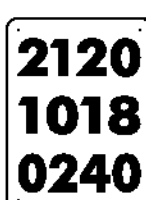
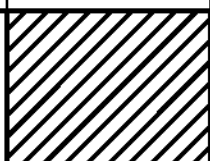
TRAFFIC SIGN SUMMARY SHEET 15

SEH
2-24-14

TRAFFIC SIGN SUMMARY SHEET 16

TRAFFIC SIGN SUMMARY SHEET 16

TRAFFIC SIGN SUMMARY SHEET 15

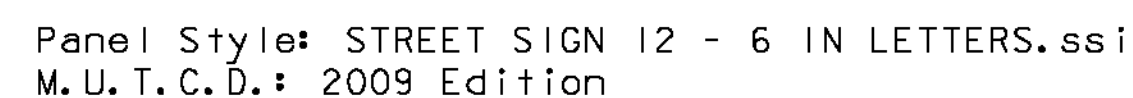
MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST RE- SALVAGE	NO. OF POSTS	FLANGED CHANNEL			SQUARE STEEL (in)				NEW SIGN POSTS			TUBULAR STEEL Ø (in)				TUBULAR ALUMINUM Ø (in)				W-SHAPE STEEL				RE- SALVAGE POST REQUIRED	REMARKS SHSM = FHWA STANDARD HIGHWAY SIGNS AND MARKINGS BOOK	SIGN DETAIL				
					"A"	"B"	SALV SIGN	SALV TIS						ANCHORS	ELECTRIC FLEXIBLE	FOUND- ATION	3.0	4.0	4.0 MOD	3.0	4.0	4.0	5.0	FTG. SIZE	WEIGHT	POST SIZE	DETAIL IN SHSM	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER										
		lb/ft	1.75	2.0							2.5	lb/ft	1.3																	1.7	1.7	7.6			9.0	10.8	14.6	24"	30"
STA. A 105+04 RT WESTFIELD		I	30	30	6.25					I				X		X															WI-2R	SHSM							
STA. A 105+60 LT WESTFIELD		I	6	10	0.42					I				X		X															VD-700		E-138						
STA. A 109+24 LT WESTFIELD		I	48	24	8.00					2				X		X															WI-6R	SHSM							
STA. A 109+26 LT WESTFIELD		I	48	24	8.00					2				X		X															WI-6L	SHSM							
STA. A 111+61 LT WESTFIELD		I	30	30	6.25					I				X		X															WI-2L	SHSM							
STA. A 116+16 RT WESTFIELD		I	6	10	0.42					I				X		X															VD-700		E-138						
STA. A 126+72 LT WESTFIELD		I	6	10	0.42					I				X		X															VD-700		E-138						
STA. A 136+00 LT WESTFIELD		I	30	30	6.25					I				X		X															W7-1b	SHSM							
		I	21	15	2.19																										W7-2b	SHSM							
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."											LF	LF	LF	LF 24	LF 105	LF		EA.	LB	LB	LB		LB	LB	LB	LB													
					TOTALS	SF 38.20	SF	EA. -	SF		LF	LF 129				LB				EA.	LB				EA.	EA.	LB	TRAFFIC SIGN SUMMARY SHEET 15			PROJECT NAME: MONTGOMERY-WESTFIELD PROJECT NUMBER: STP 2906(1) FILE NAME: p\OC\I90.dgn PROJECT LEADER: CDL DESIGNED BY: SJL PLOT FILE: p\OC\I90_96.t			PLOT DATE: 9/5/12 DRAWN BY: SJL CHECKED BY: CDL SHEET 96 OF 178					

TRAFFIC SIGN SUMMARY SHEET 16

[illegible]



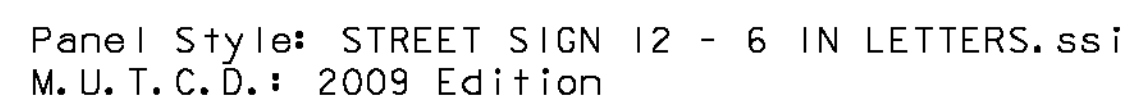
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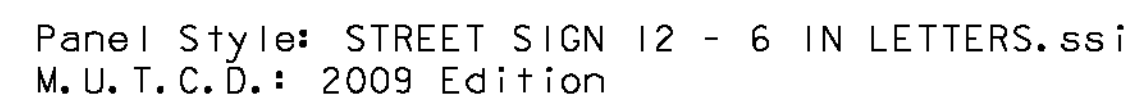
D3-1



D3-1



D3-1



D3-1

- VD1-1A**

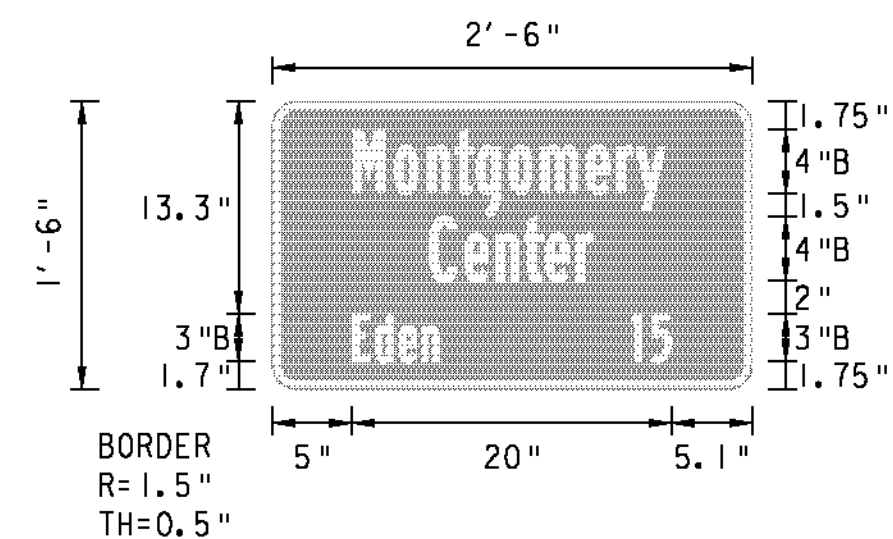
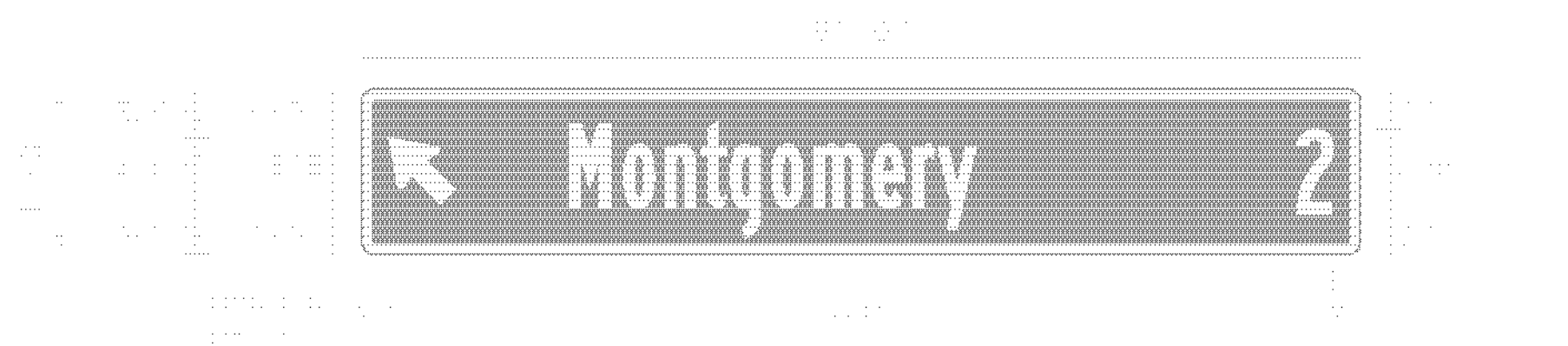
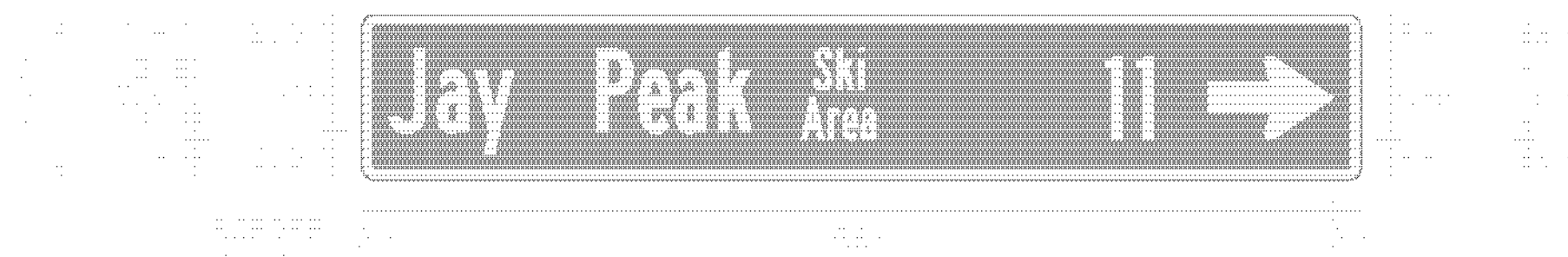


STANDARD DESTINATION SIGN NOTES

2.) USE THE LARGEST LETTER / THICKEST FONT AVAILABLE THAT WILL SATISFY THE MINIMUM SPACING REQUIREMENTS, AS SHOWN IN THE DETAILS ABOVE; I.E. IF A 6" SERIES C LETTER DOES NOT WORK, DUE TO THE LENGTH OF THE WORD, USE A 6" SERIES B LETTER. IF A 6" SERIES B LETTER DOES NOT WORK, USE A 5" SERIES C. IF A 5" SERIES C LETTER DOES NOT WORK, USE A 5" SERIES B. USE NO LESS THAN 80% KERNING.

SIGN DETAIL SHEET 1	PROJECT NAME: MONTGOMERY-WESTFIELD	
	PROJECT NUMBER: STP 2906 (I)	
	FILE NAME: p10CI90.dgn PROJECT LEADER: CDL SIGNED BY: SJL PLOT FILE: p10CI90-98A.1	PLOT DATE: 9/5/12 DRAWN BY: SJL CHECKED BY: CDL SHEET 98A OF 178

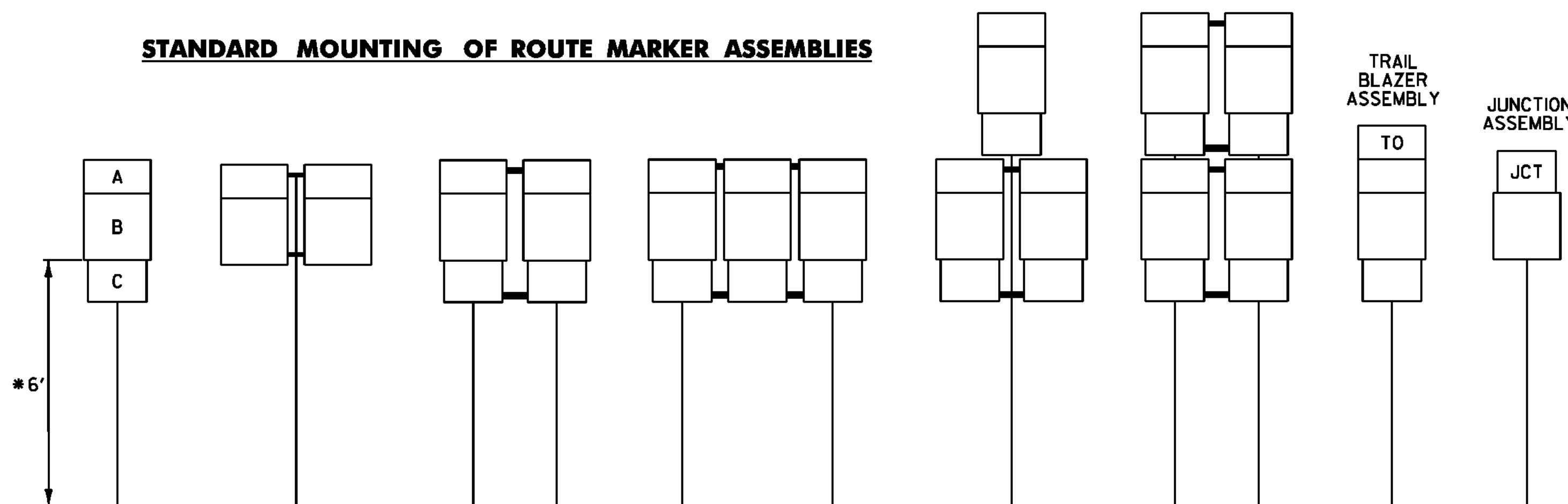
DETAILS ARE NOT TO SCALE



Panel Style: GUIDE_CON_NOFILL.ssi
M.U.T.C.D.: 2009 Edition

1.) ALL VILLAGE SIGNS SHOWN ON THIS SHEET SHALL HAVE WHITE RETROREFLECTIVE ASTM TYPE III OR IV TEXT, ARROWS AND BORDERS ON A GREEN RETROREFLECTIVE ASTM TYPE III OR IV BACKGROUND. RETROREFLECTIVE SHEETING SHALL MEET THE REQUIREMENTS OF AASHTO M 268 (ASTM D4956).

STANDARD MOUNTING OF ROUTE MARKER ASSEMBLIES



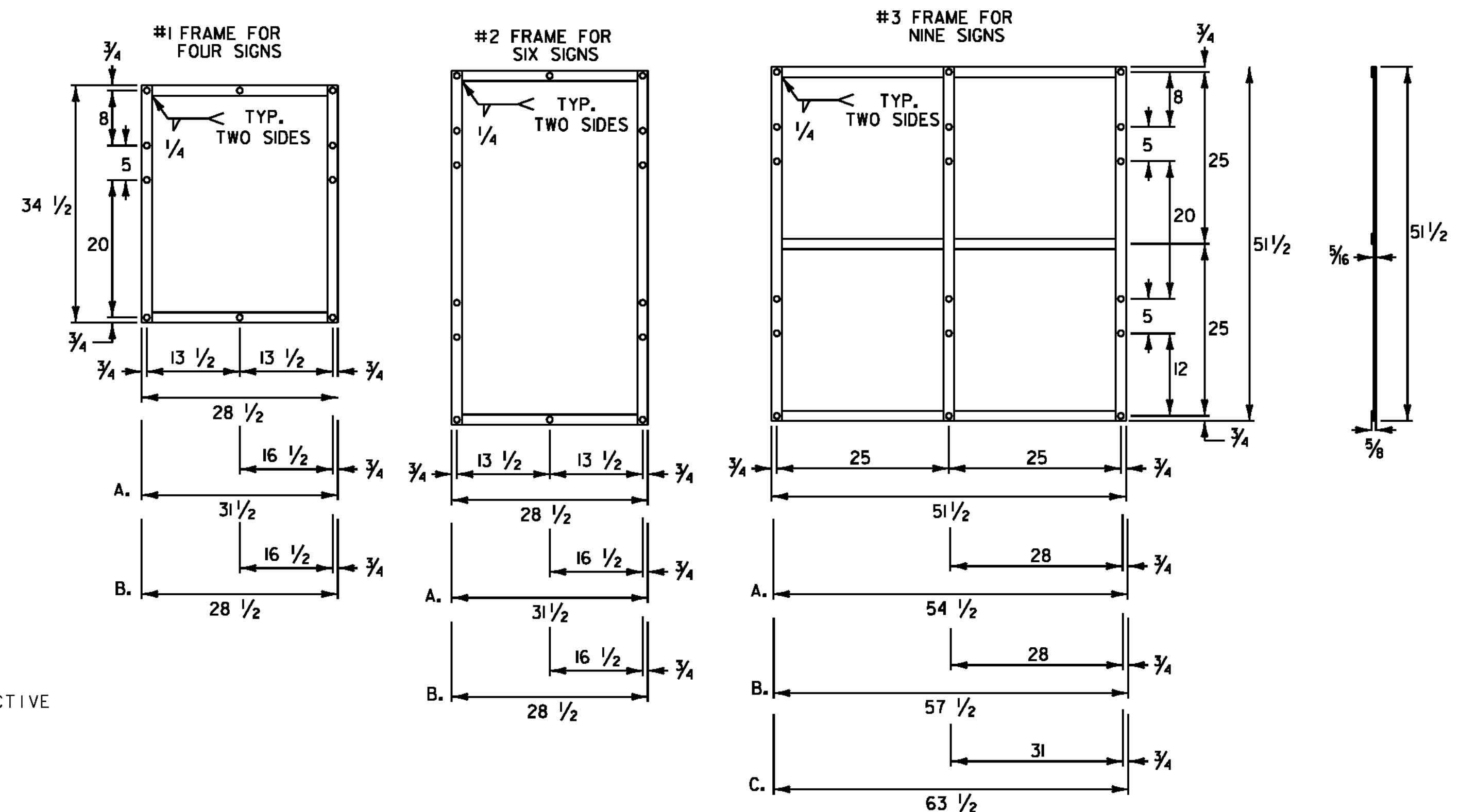
A - CARDINAL DIRECTION MARKER
B - ROUTE NUMBER
C - ADVANCE TURN ARROW OR DIRECTIONAL ARROW

* WHERE PARKING OR PEDESTRIAN TRAFFIC WILL OCCUR IN THE IMMEDIATE VICINITY OF THESE SIGNS MINIMUM VERTICAL CLEARANCE SHALL BE INCREASED TO SEVEN FEET

INSTALLATION SEQUENCE:

IN MULTIPLE HORIZONTAL MOUNTINGS PLACE A ROUTE MARKER ASSEMBLY INDICATING A LEFT TURN ON THE LEFT SIDE OF THE ASSEMBLY; RIGHT TURN ON THE RIGHT SIDE. FOR VERTICALLY STACKED MOUNTINGS PLACE THE STRAIGHT THROUGH MOVE INDICATION ON TOP, THE LEFT OR RIGHT TURNS AS APPROPRIATE BENEATH.

ROUTE MARKER ASSEMBLY FRAMES



NOTES:

- NOTES FOR #1 AND #2 FRAME:
A. WITH ONE 30 INCH THREE DIGIT SIGN
B. WITH TWO 30 INCH THREE DIGIT SIGNS
- NOTES FOR #3 FRAME:
A. WITH ONE 30 INCH THREE DIGIT SIGN IN AN OUTSIDE POSITION.
B. WITH ONE 30 INCH THREE DIGIT SIGN IN THE CENTER POSITION OR TWO SUCH SIGNS IN THE OUTSIDE POSITIONS.
C. WITH THREE 30 INCH THREE DIGIT SIGNS.
- ALL HOLES SHALL BE $\frac{7}{16}$ INCH DIAMETER. FOR OTHER SIGN COMBINATIONS, THAN ABOVE, THE FRAME DIMENSIONS AND HOLE SPACING SHALL BE MODIFIED AS NECESSARY. THE FRAME SHALL BE PAINTED WITH ONE COAT OF PRIMER AND A SECOND COAT OF BLACK PAINT. THE PAINT SHALL BE OF THE TYPE USED ON EXTERIOR METAL SURFACES TO PREVENT METAL CORROSION.
- STANDARD FRAMES SHALL BE $\frac{5}{16}$ INCH $\times$ $1\frac{1}{2}$ INCH WELDED ASTM A-36 STEEL.
- ALL DIMENSIONS SHOWN IN INCHES EXCEPT WHERE NOTED.
- ALL OVERLAPPED CONNECTIONS SHALL BE WELED WITH TWO, $\frac{1}{4}$ INCH WIDE FILLET WELDS, $1\frac{1}{2}$ INCH LONG.

NOTES:

- ALL DIMENSIONS SHOWN IN INCHES EXCEPT WHERE NOTED.
- VERTICAL FRAME MEMBERS SHALL LINE UP WITH SIGN POST ON WHICH THEY ARE MOUNTED.

SIGN DETAIL SHEET 2

PROJECT NAME: MONTGOMERY-WESTFIELD

PROJECT NUMBER: STP 2906 (1)

FILE NAME: piOC190.dgn

PROJECT LEADER: CDL

DESIGNED BY: SJL

PLOT FILE: piOC190_98B.1

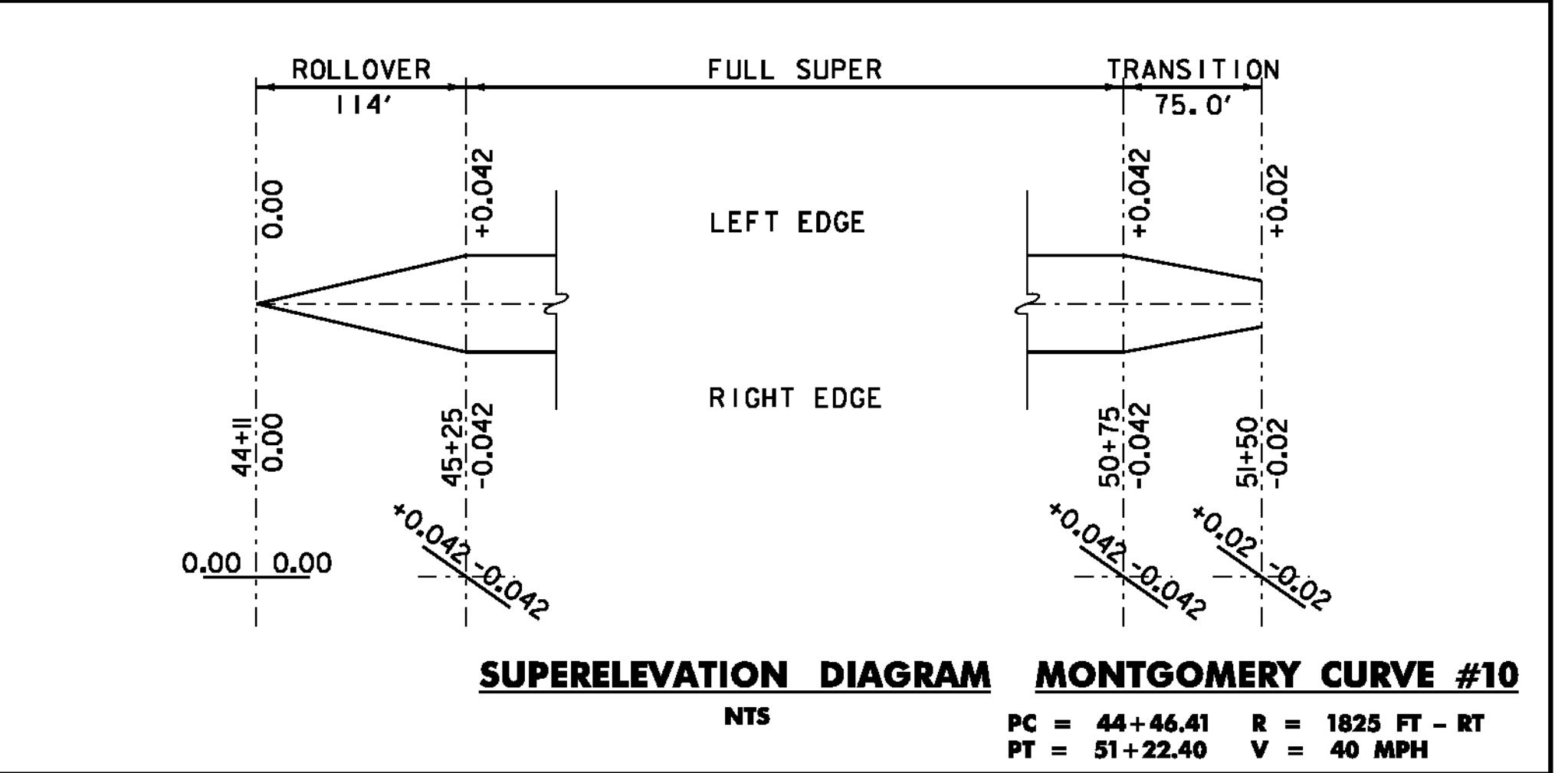
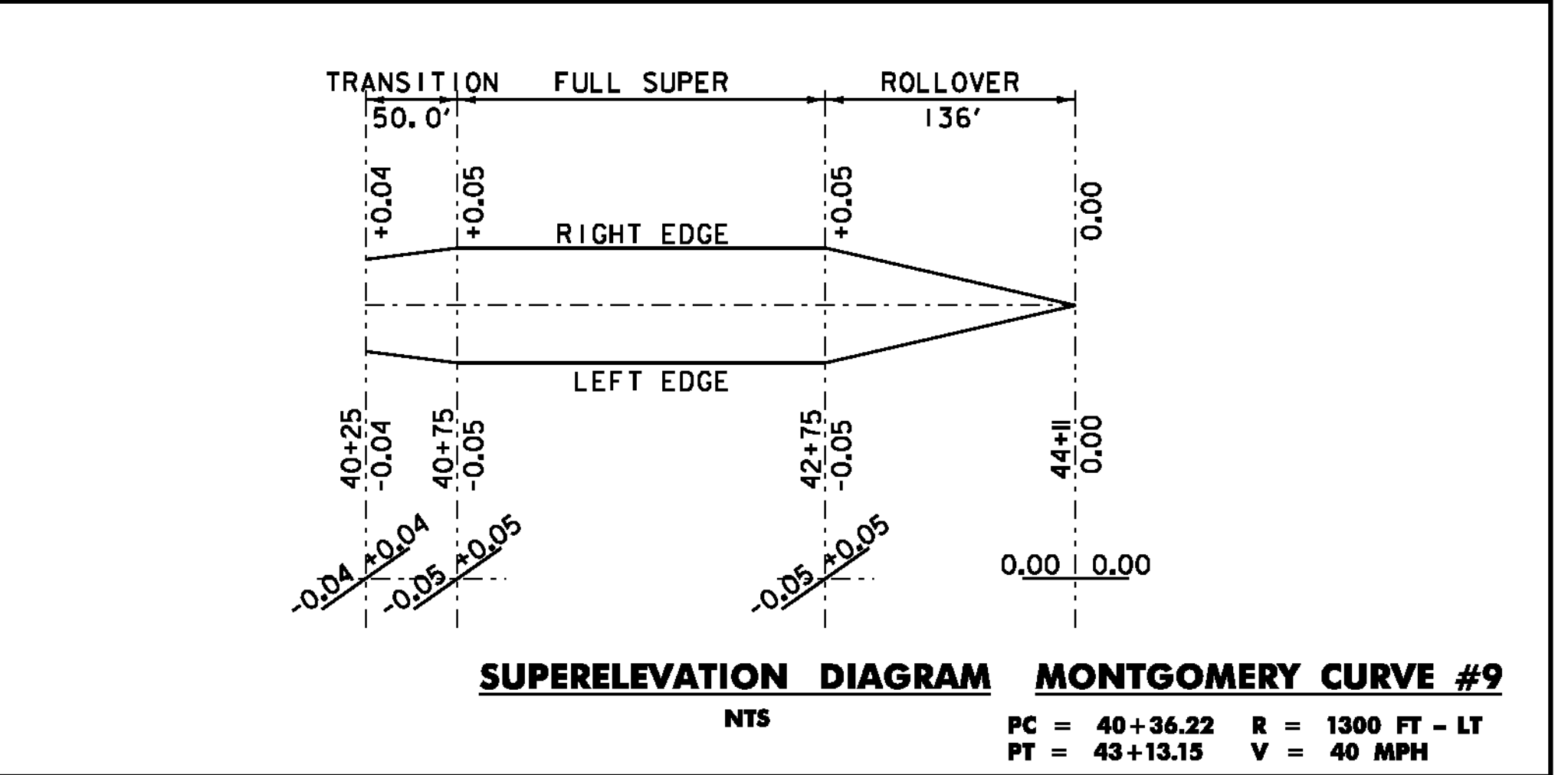
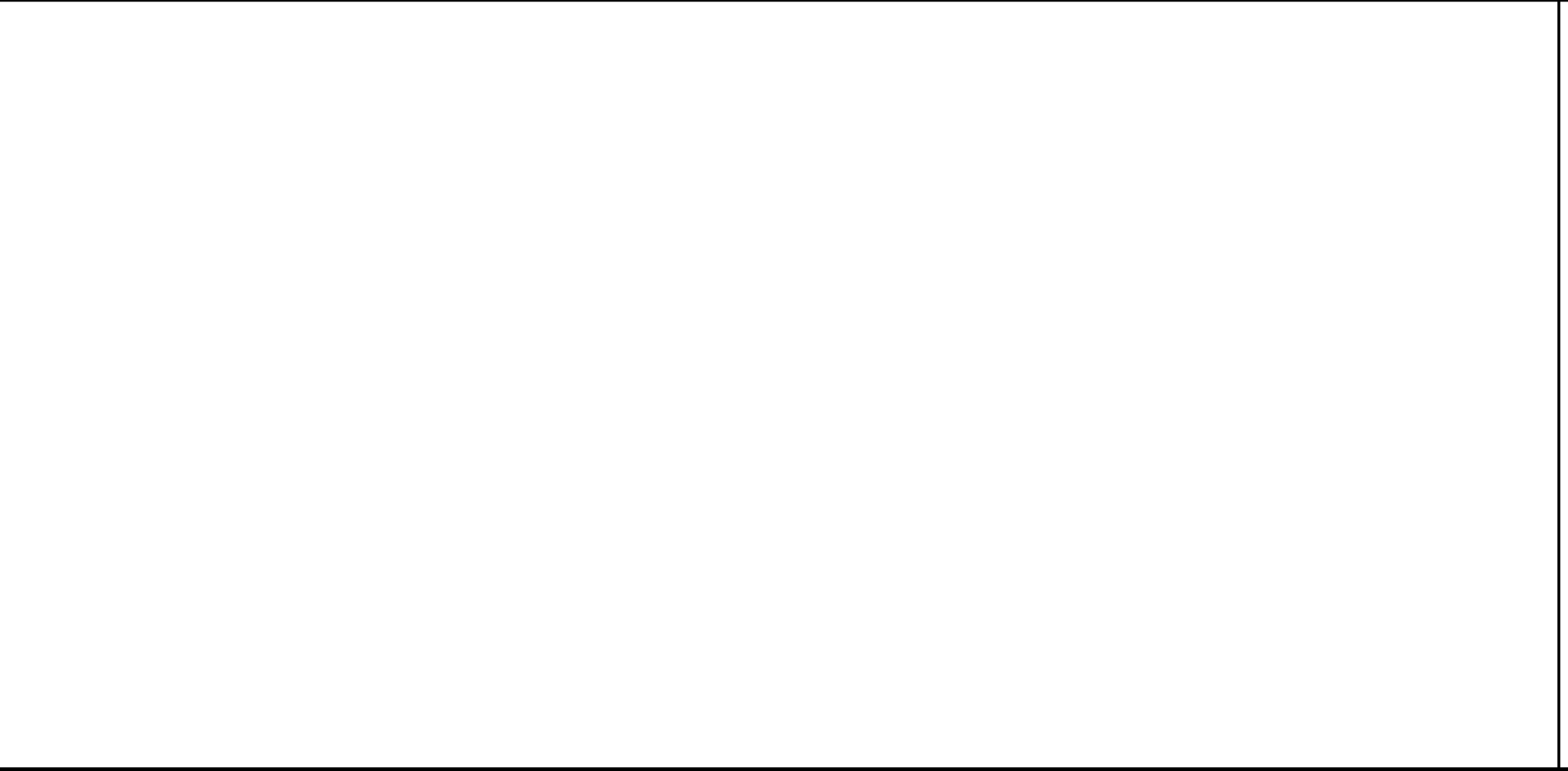
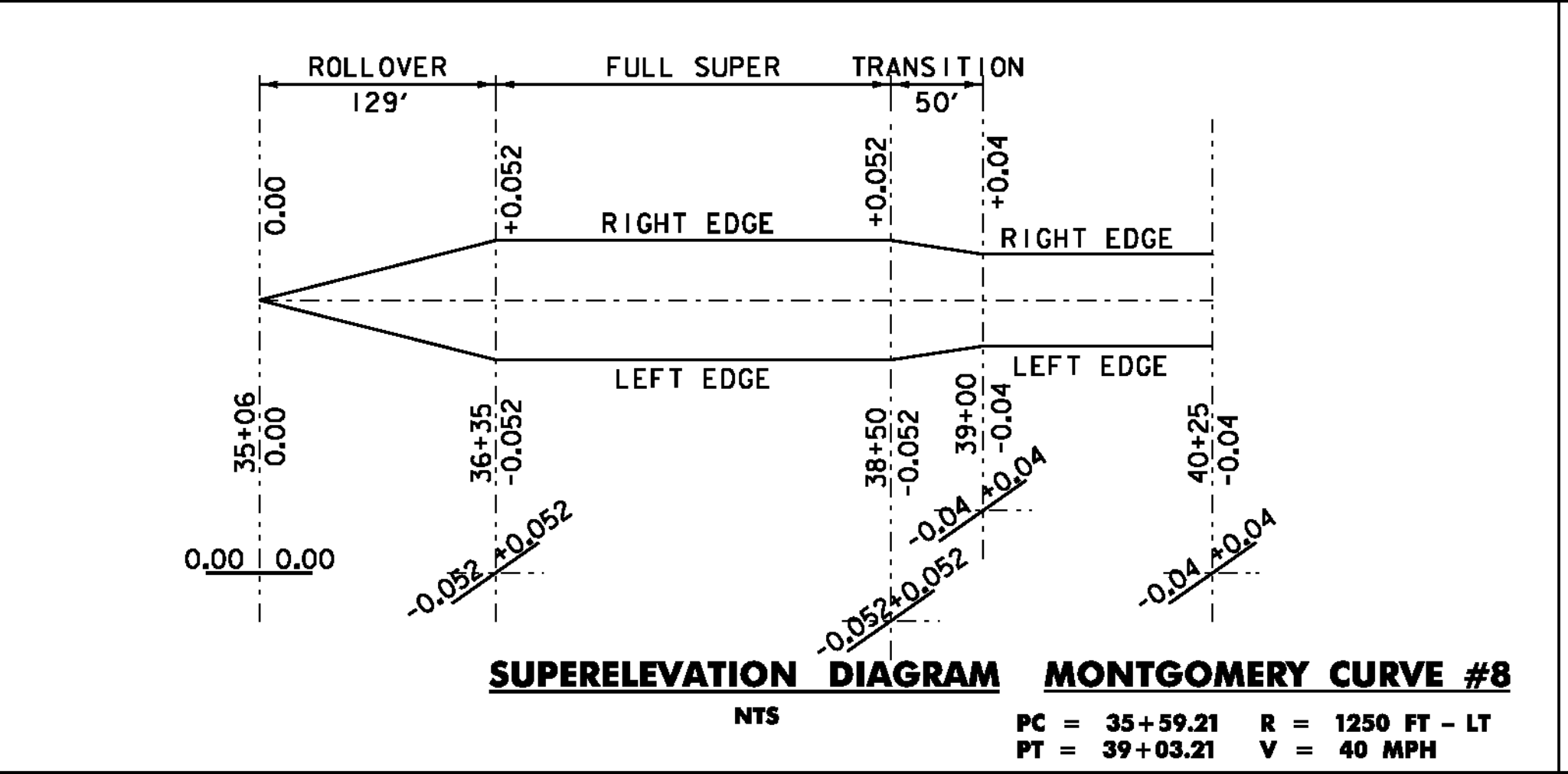
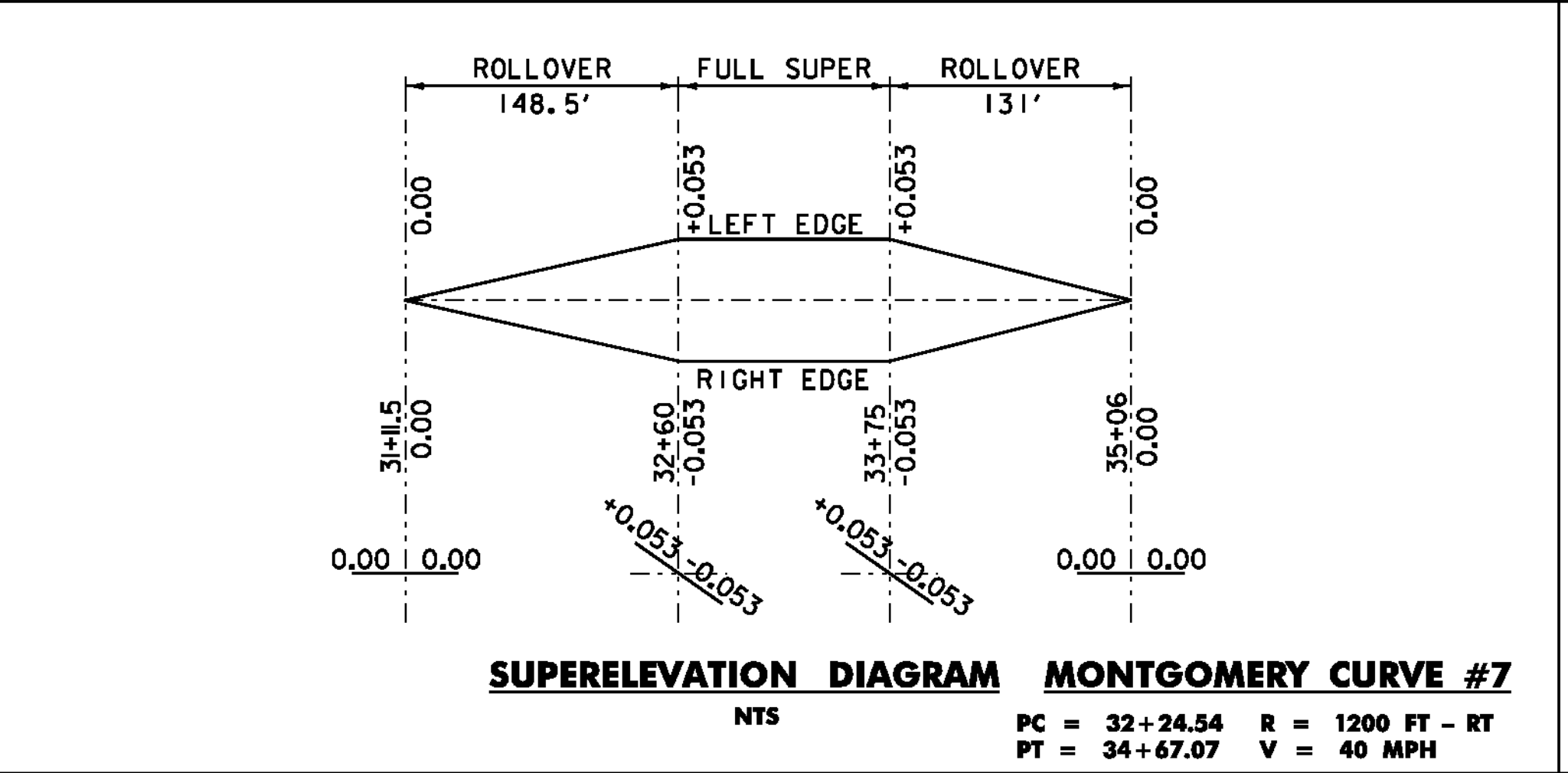
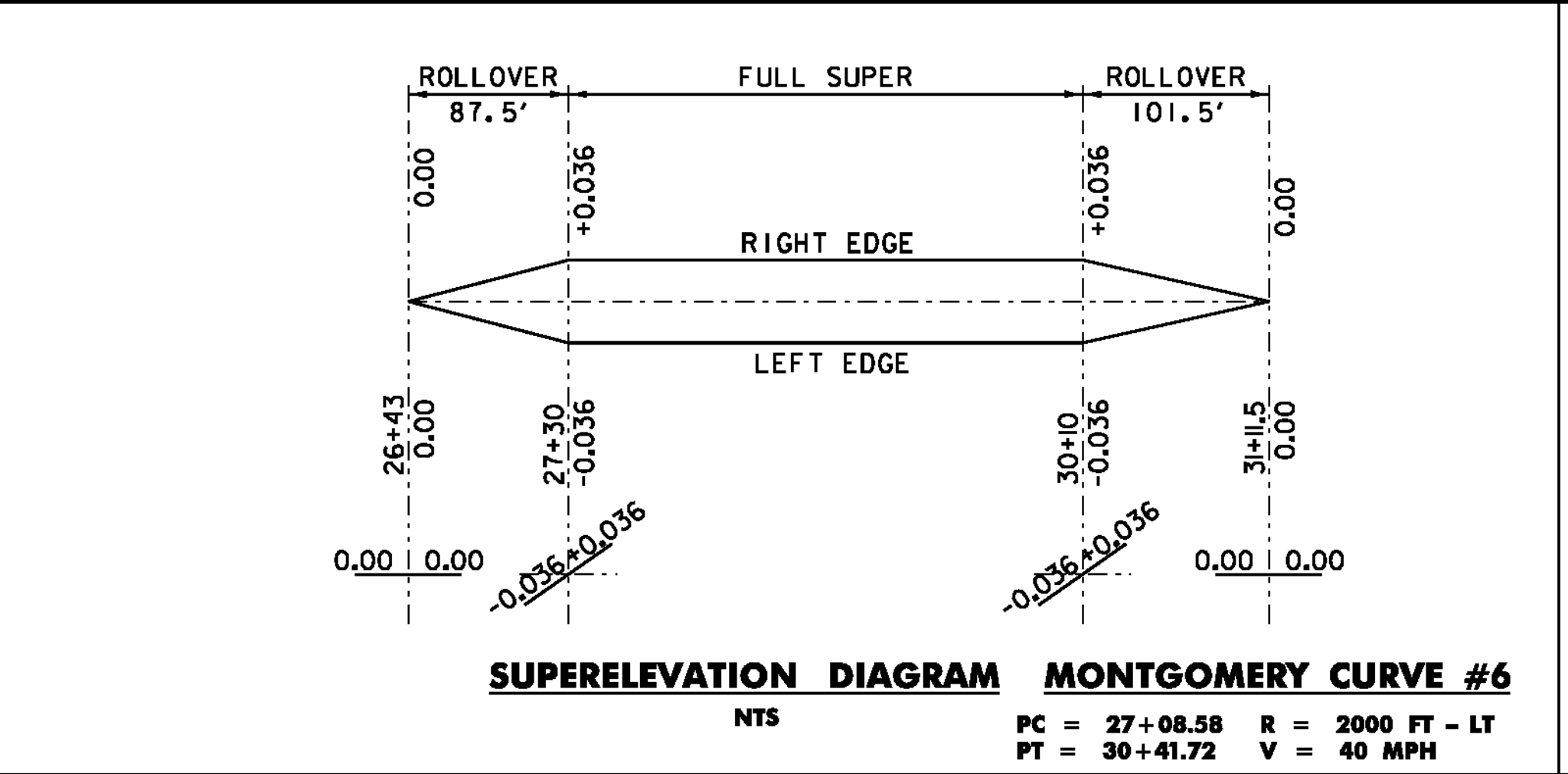
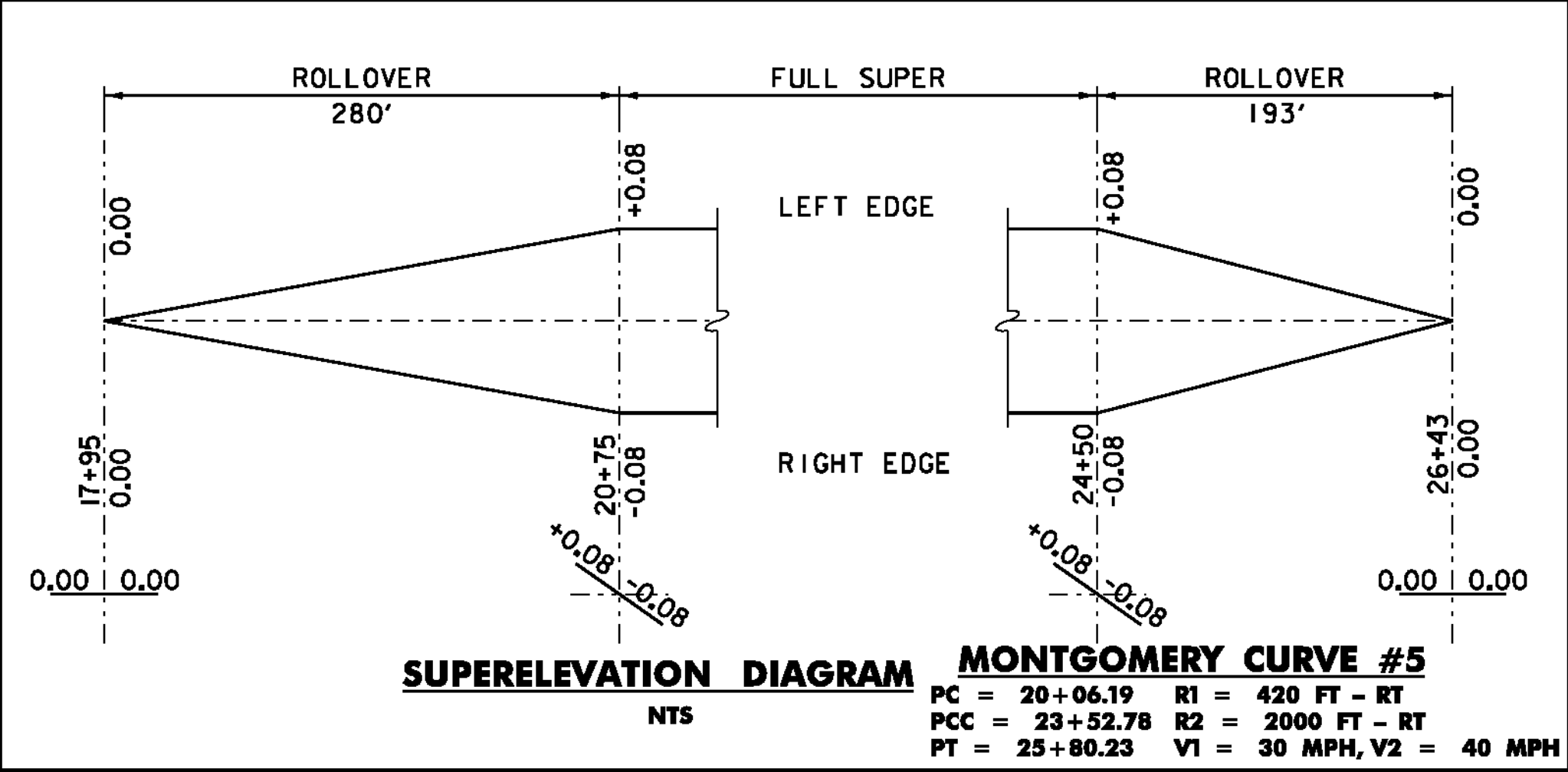
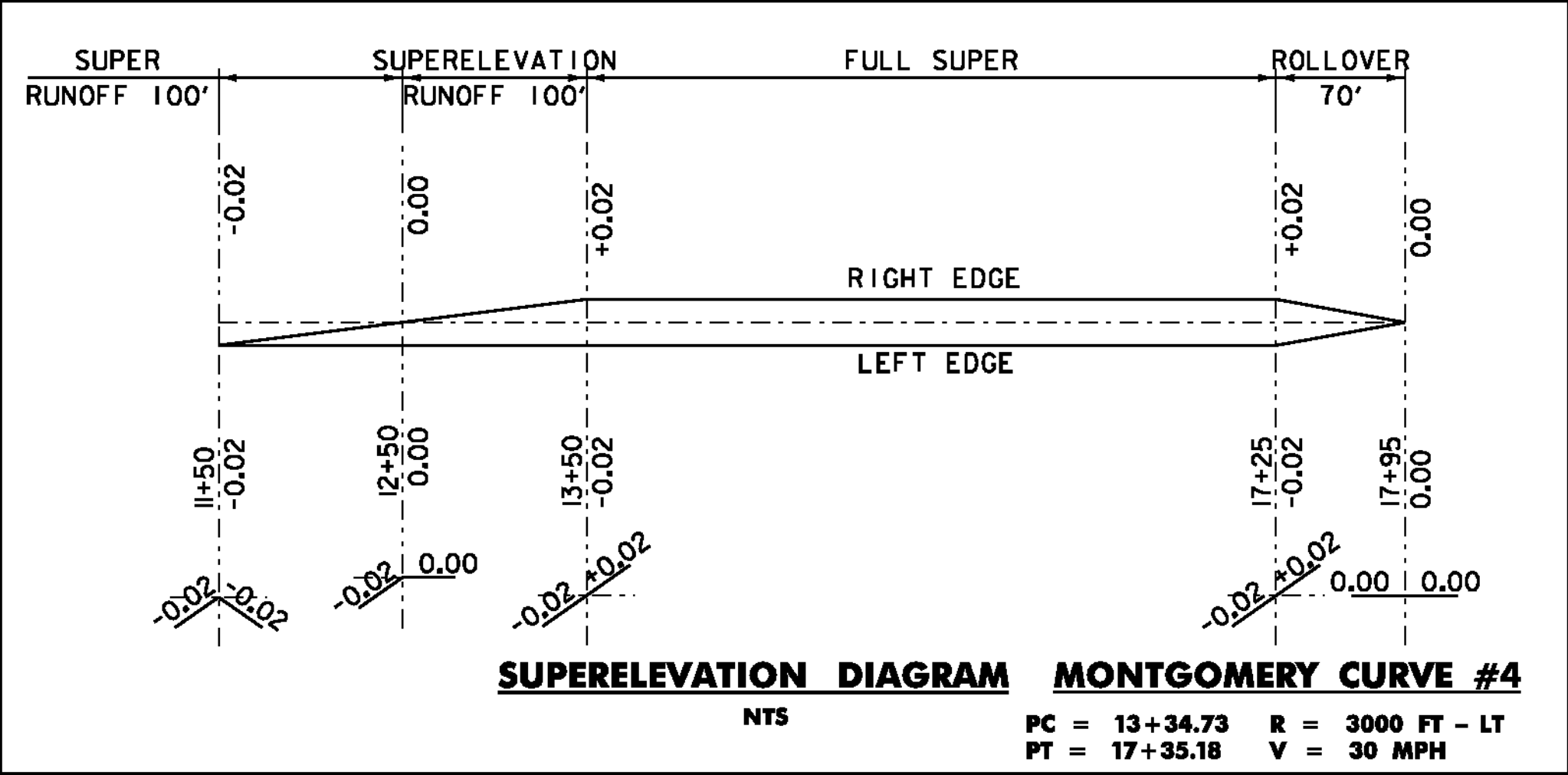
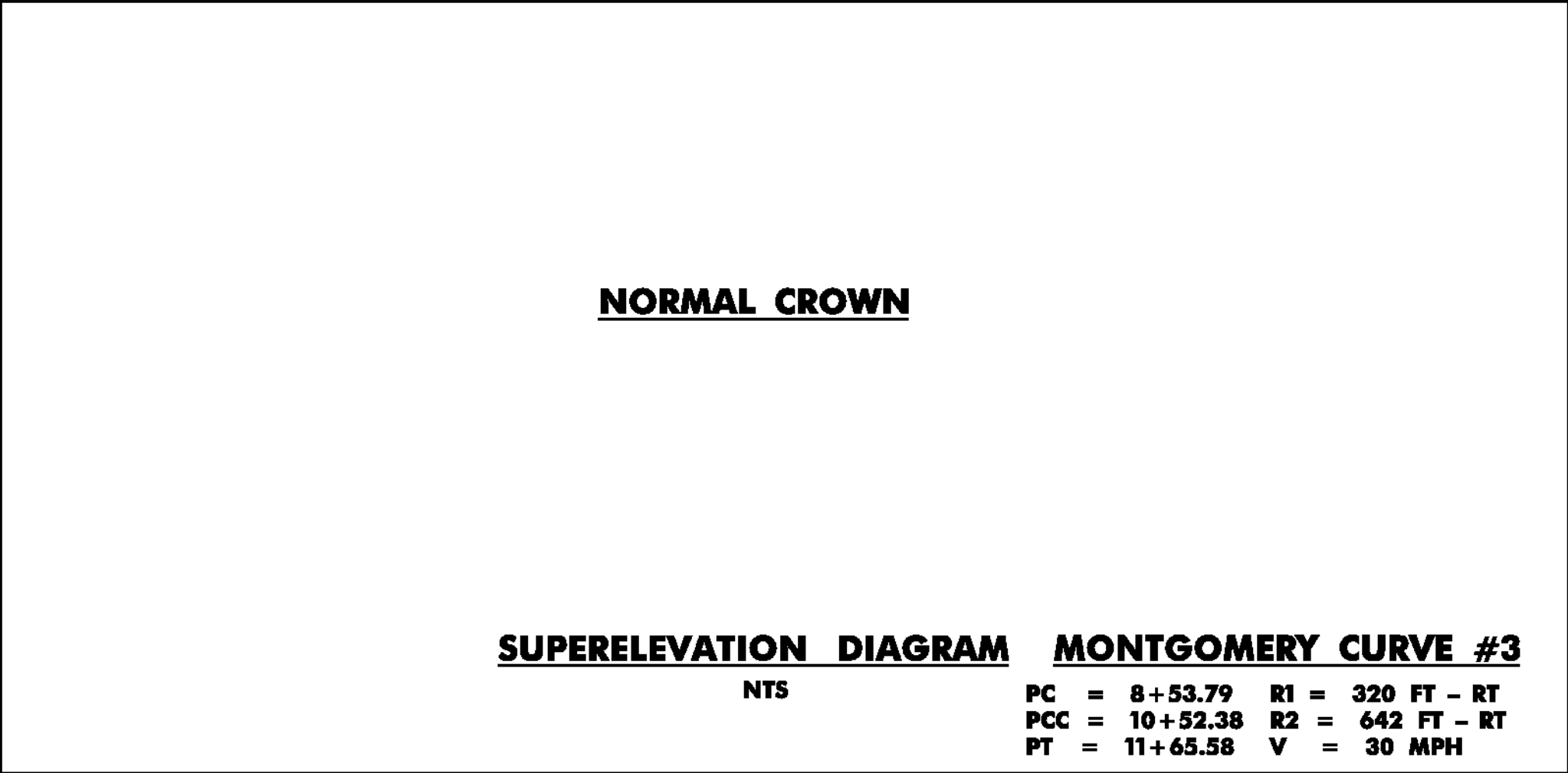
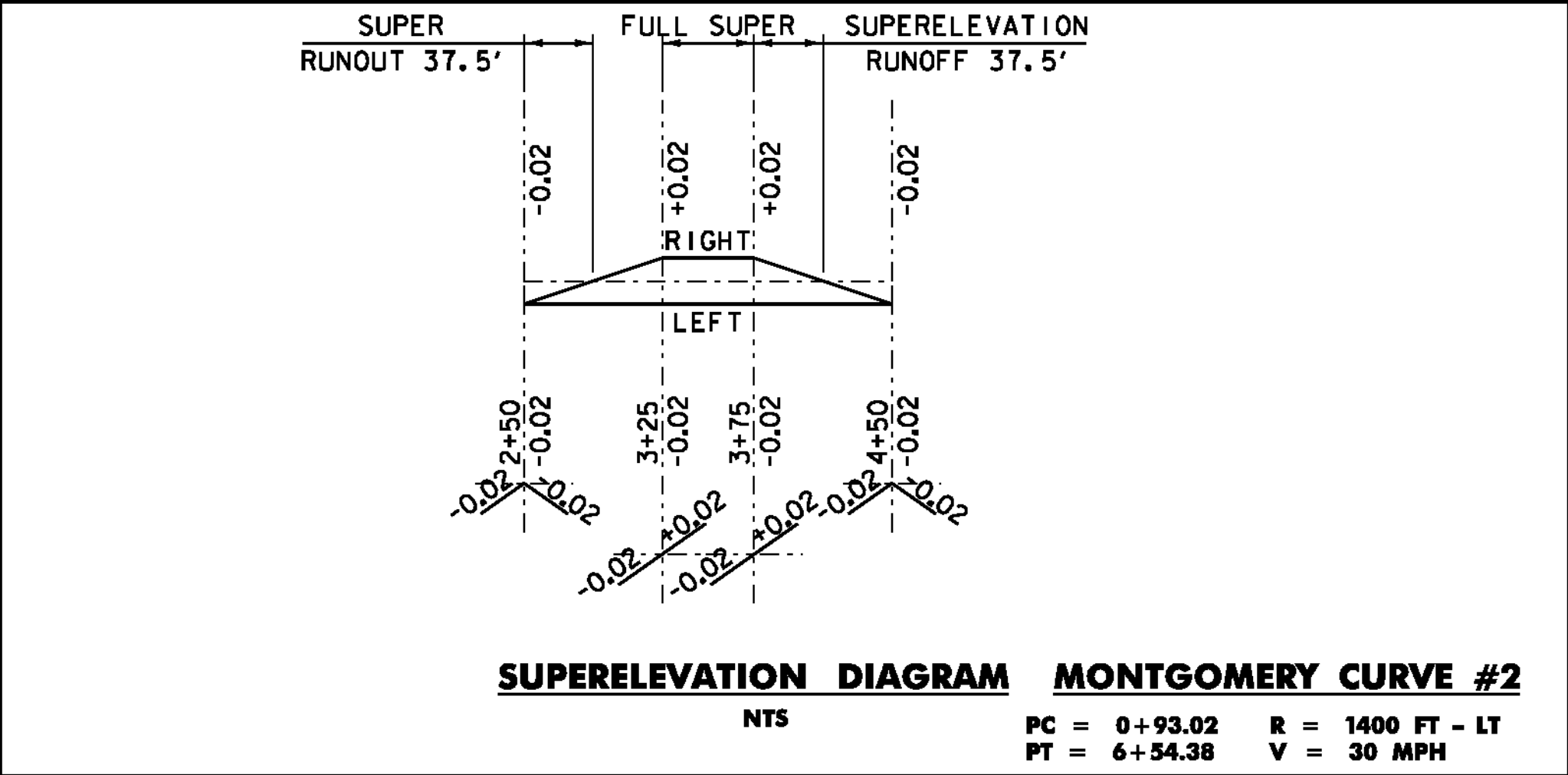
PLOT DATE: 9/5/12

DRAWN BY: SJL

CHECKED BY: CDL

SHEET 98B OF 178

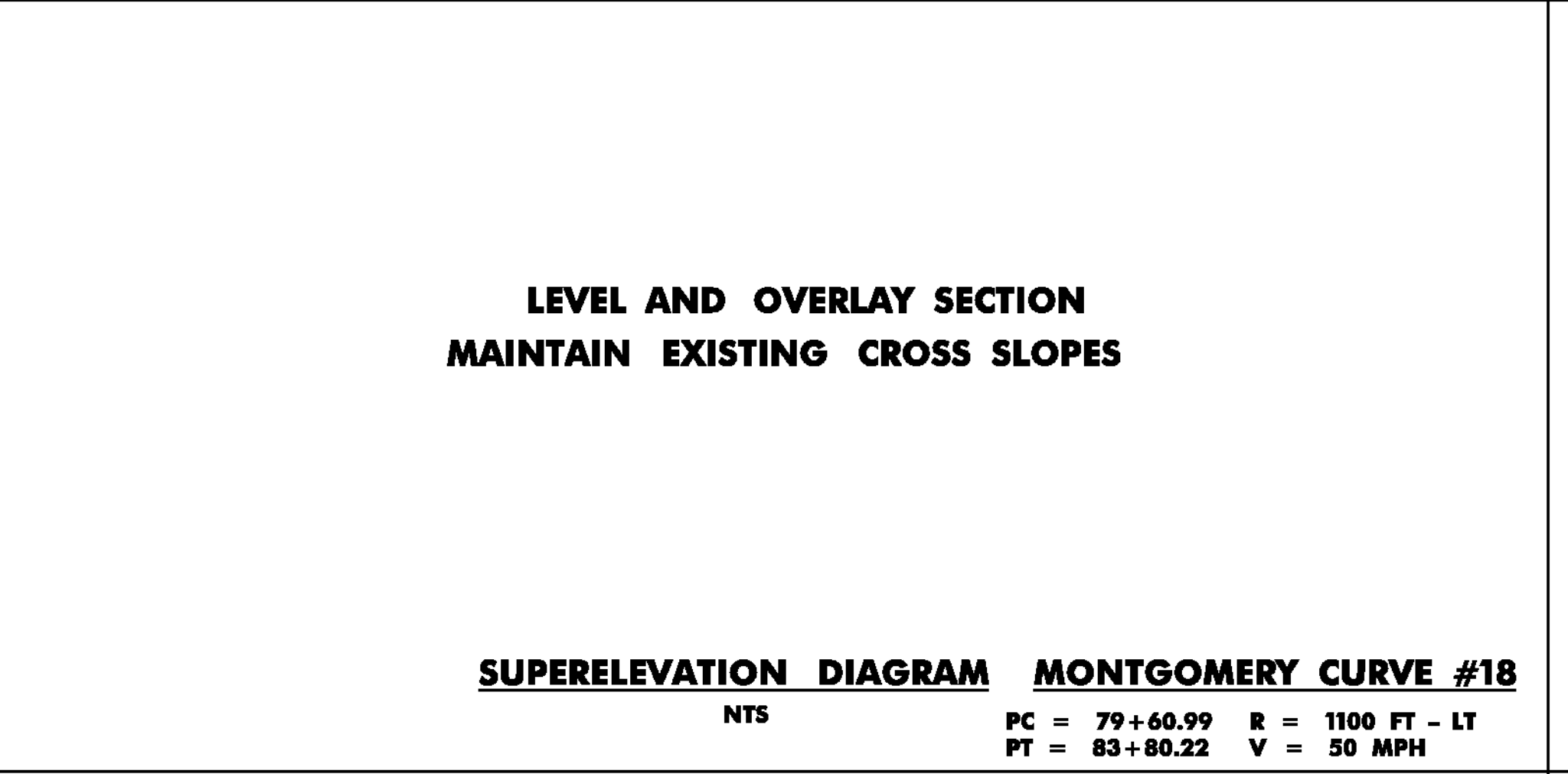
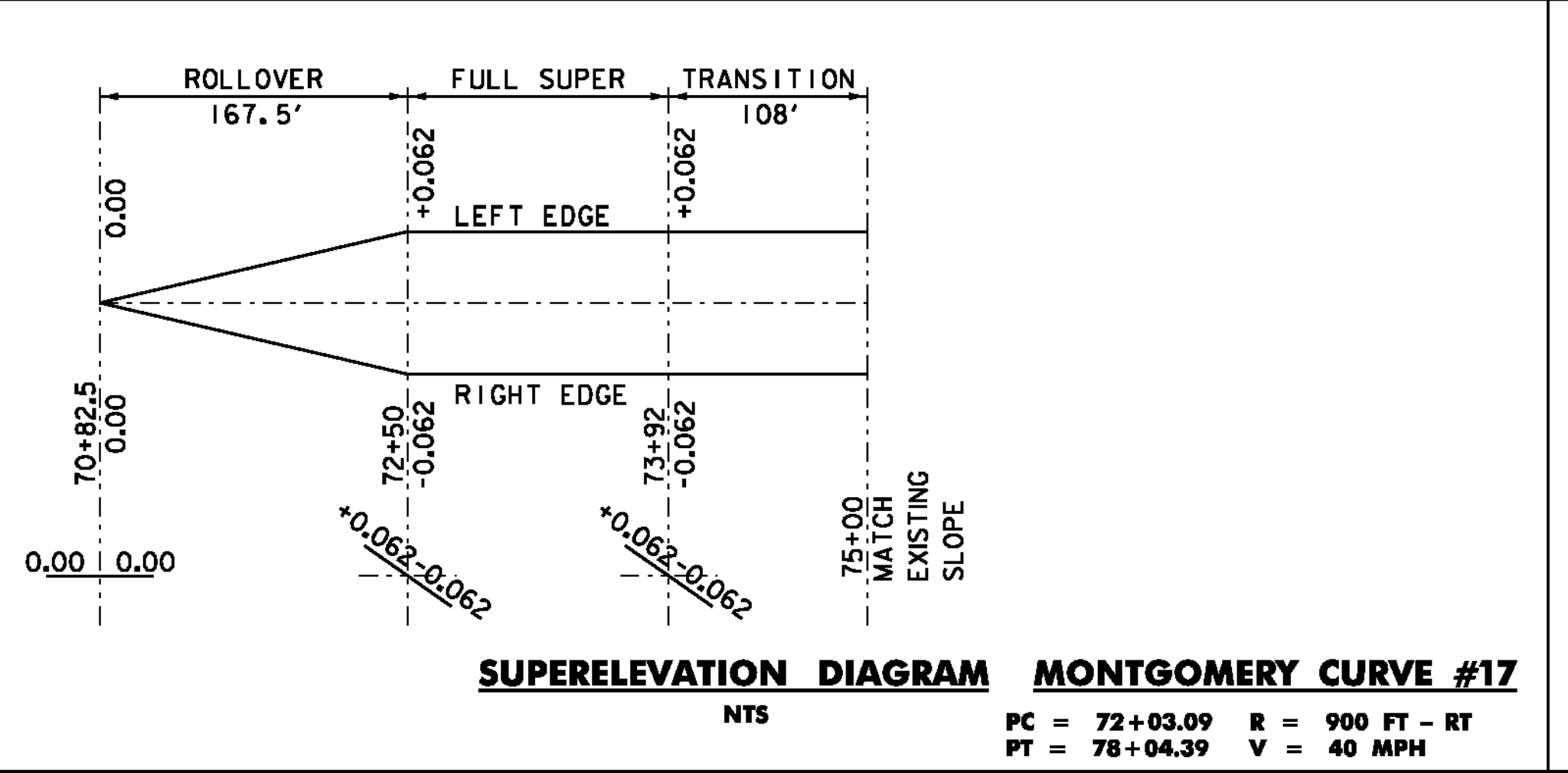
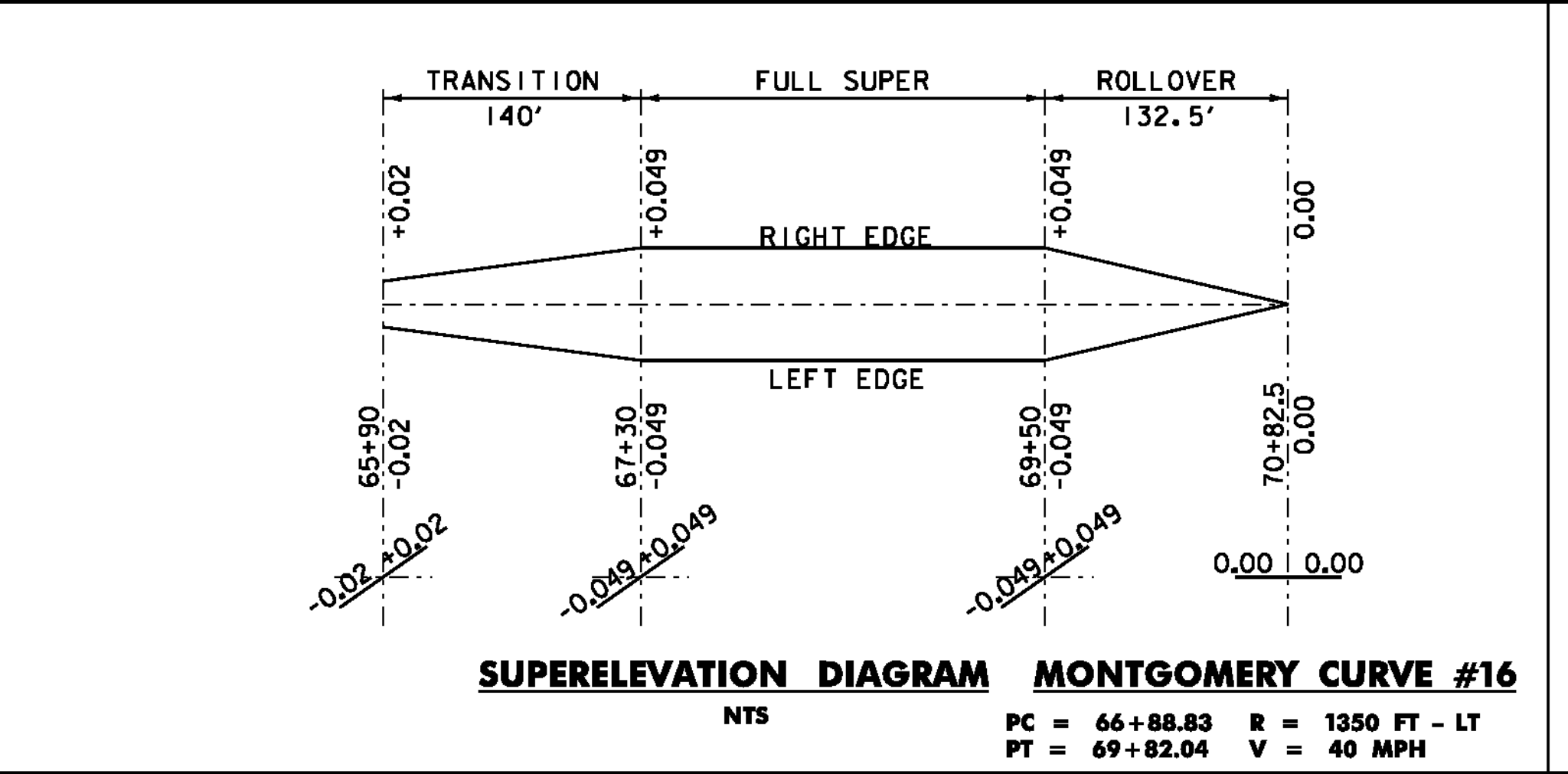
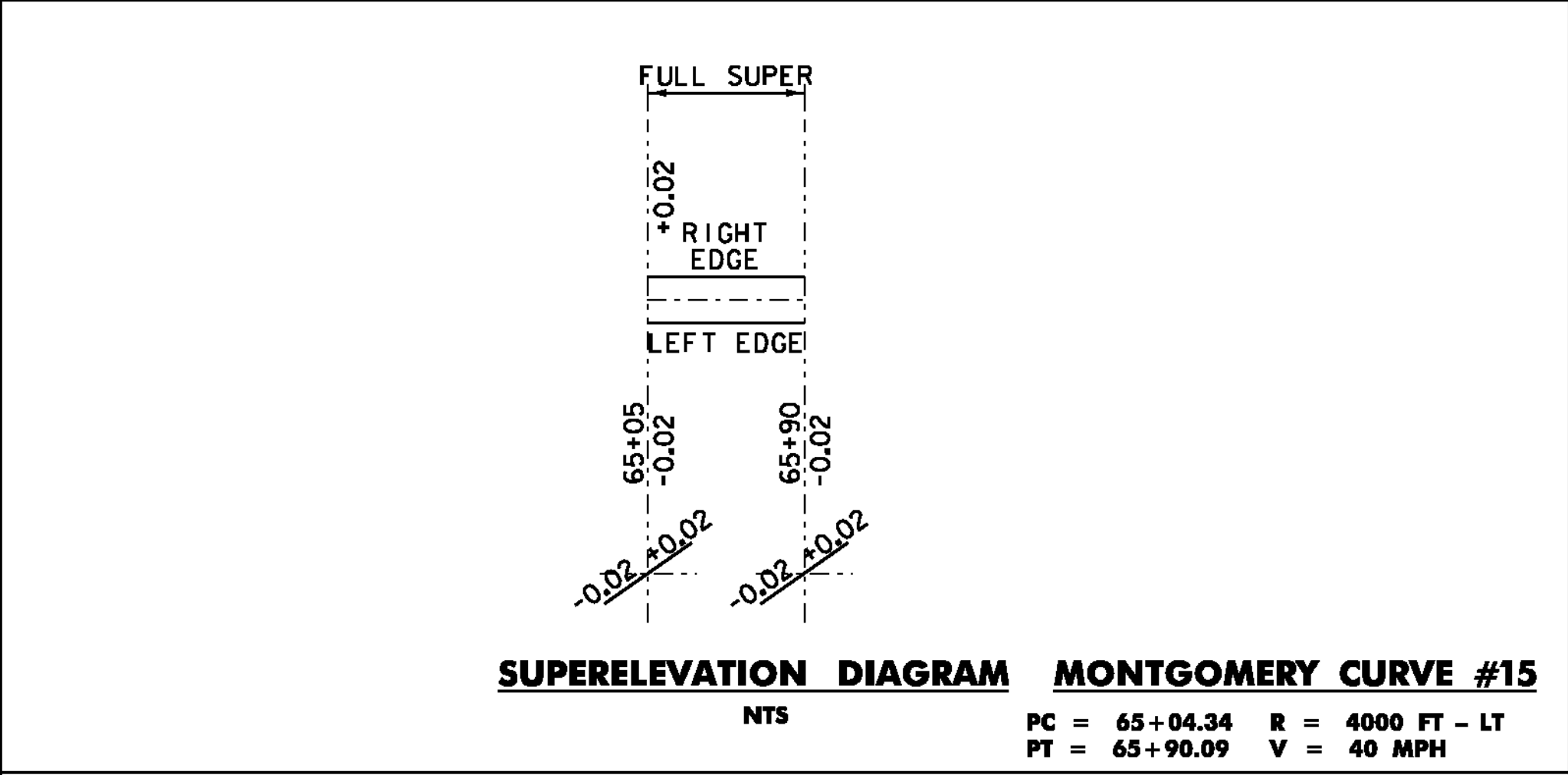
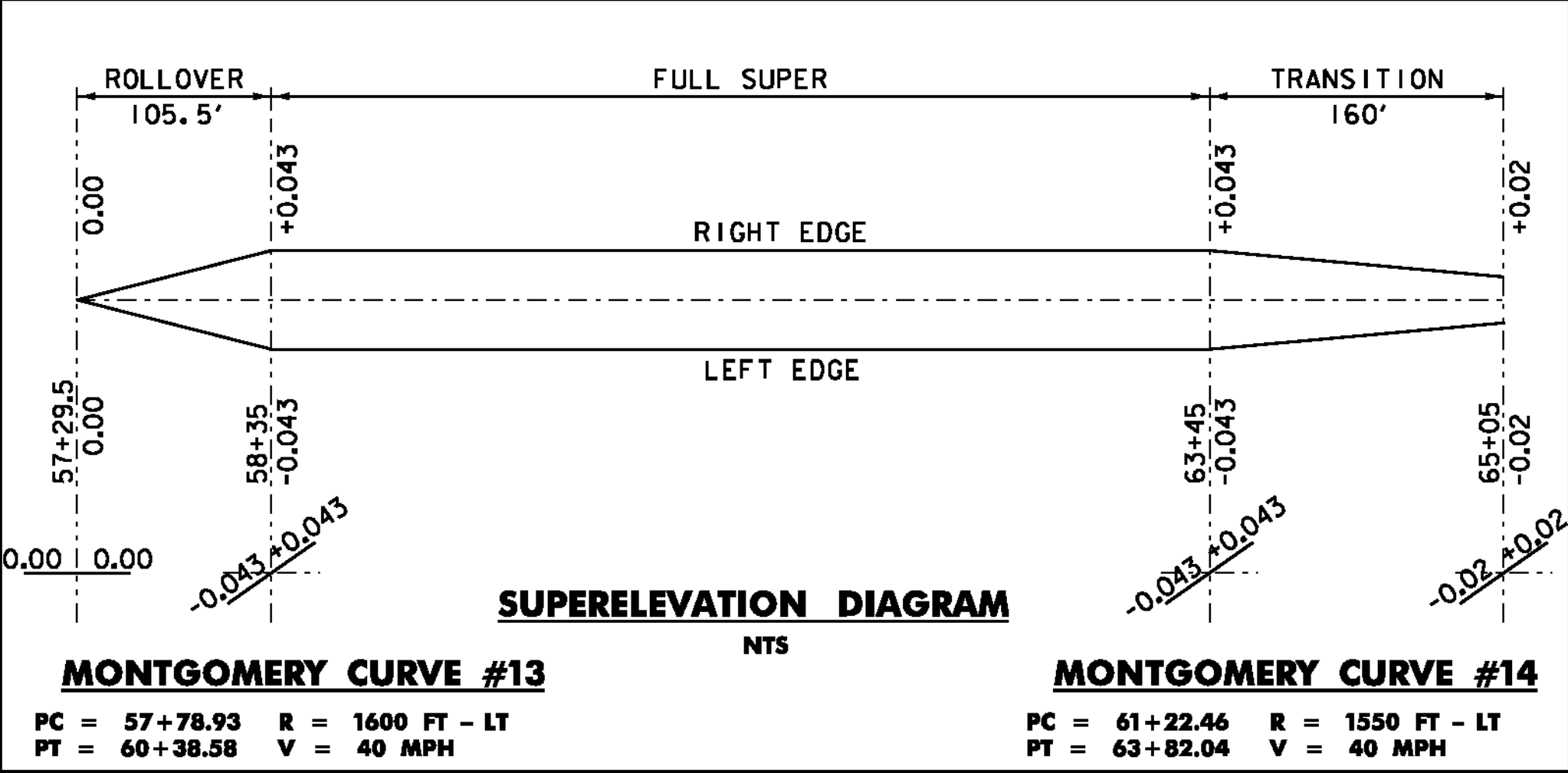
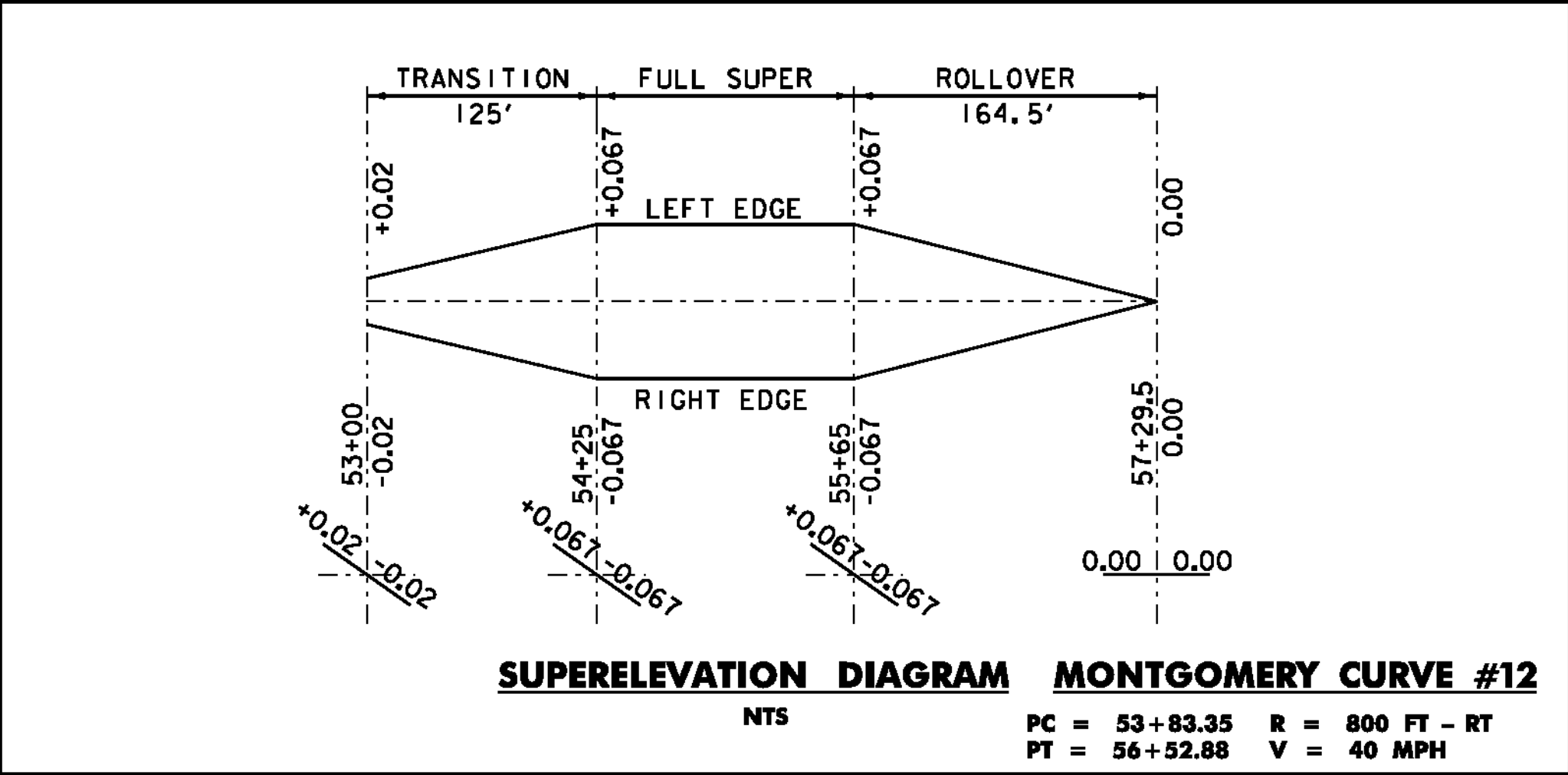
DETAILS ARE NOT TO SCALE



NOTES:

I. CURVES NOT SHOWN ON SUPERELEVATION BANKING DIAGRAM SHEETS DO NOT NEED TO BE SUPERELEVATED.

SUPERELEVATION BANKING DIAGRAM SHEET 1	
PROJECT NAME:	MONTGOMERY-WESTFIELD
PROJECT NUMBER:	STP 2906(I)
FILE NAME:	pl0CI90.dgn
PROJECT LEADER:	CDL
DESIGNED BY:	SJL
PLOT FILE:	pl0CI90_99.1
PLOT DATE:	9/5/12
DRAWN BY:	BMB
CHECKED BY:	EPD
SHEET	99 OF 178



LEVEL AND OVERLAY SECTION
MAINTAIN EXISTING CROSS SLOPES

SUPERELEVATION DIAGRAM MONTGOMERY CURVE #19
NTS
PC = 86+16.45 R = 1600 FT - RT
PT = 87+99.62 V = 50 MPH

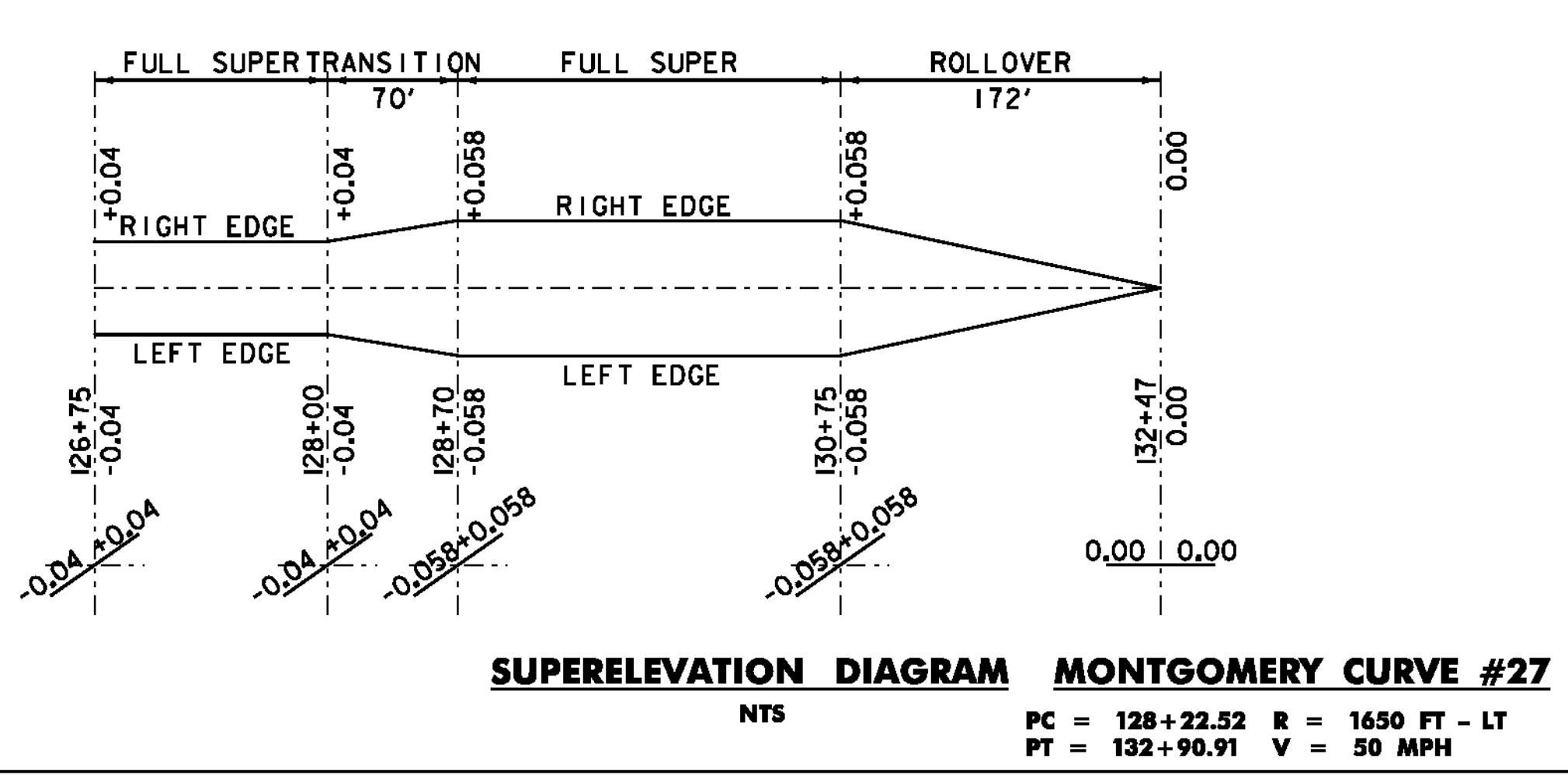
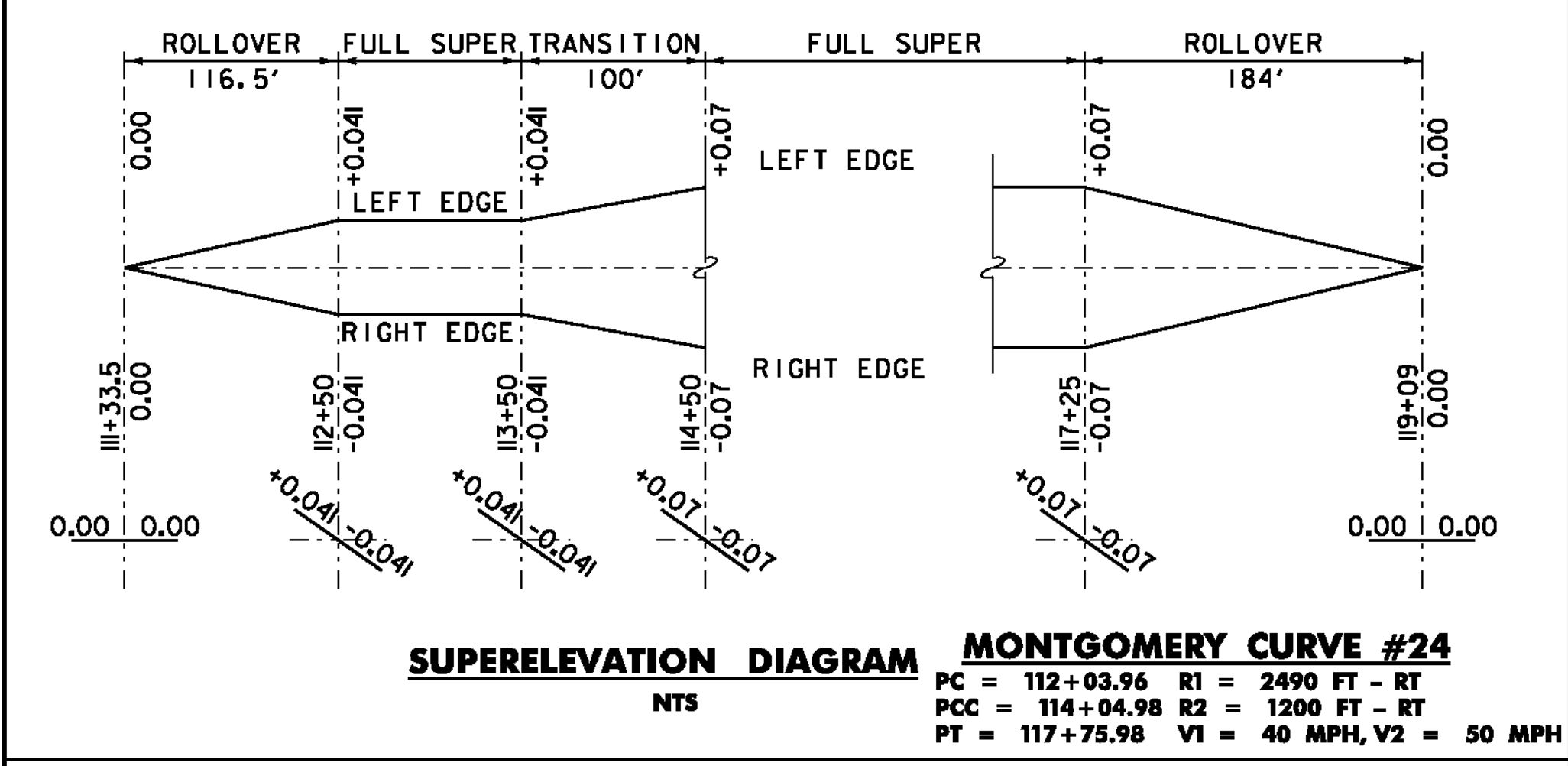
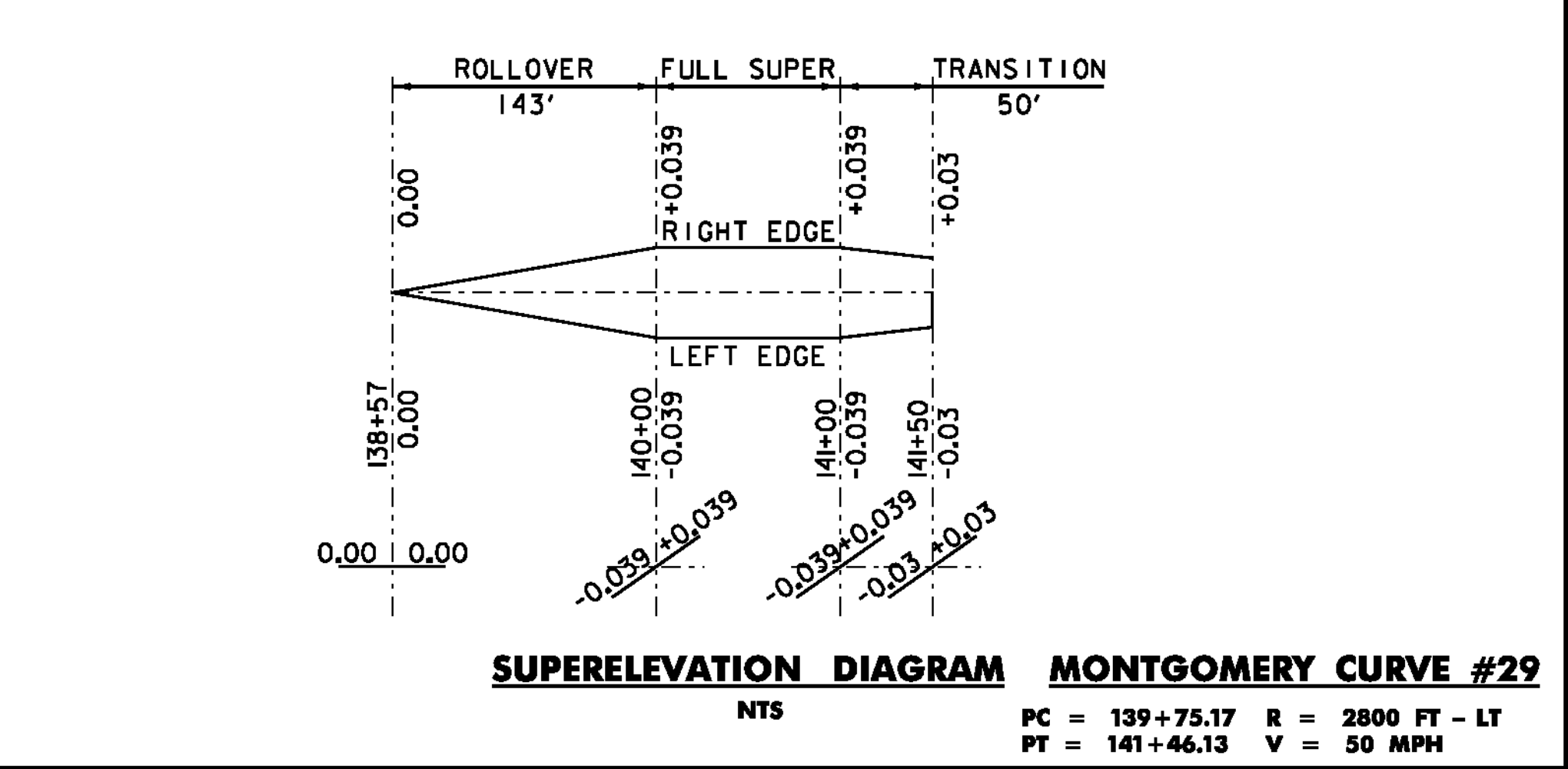
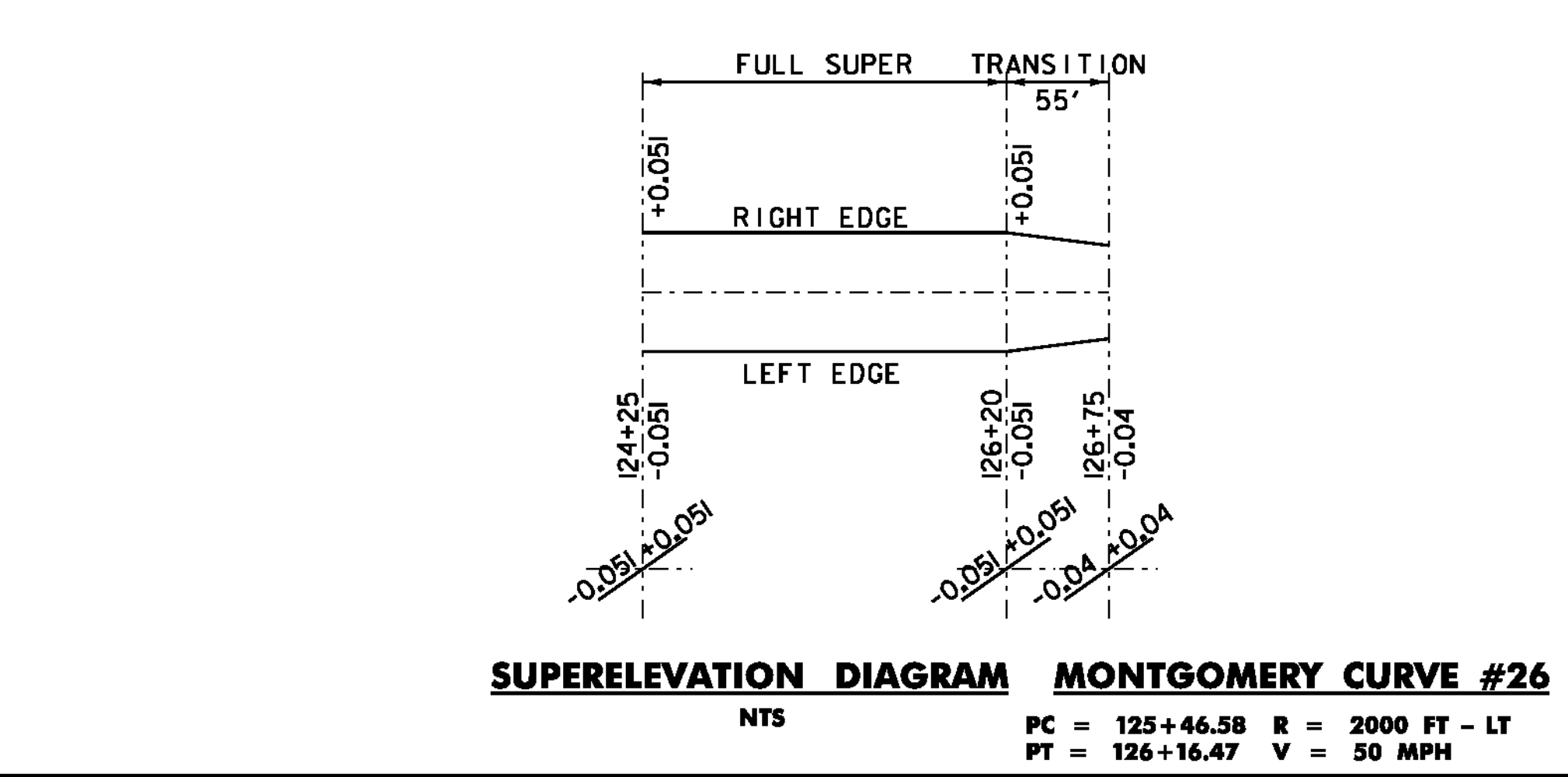
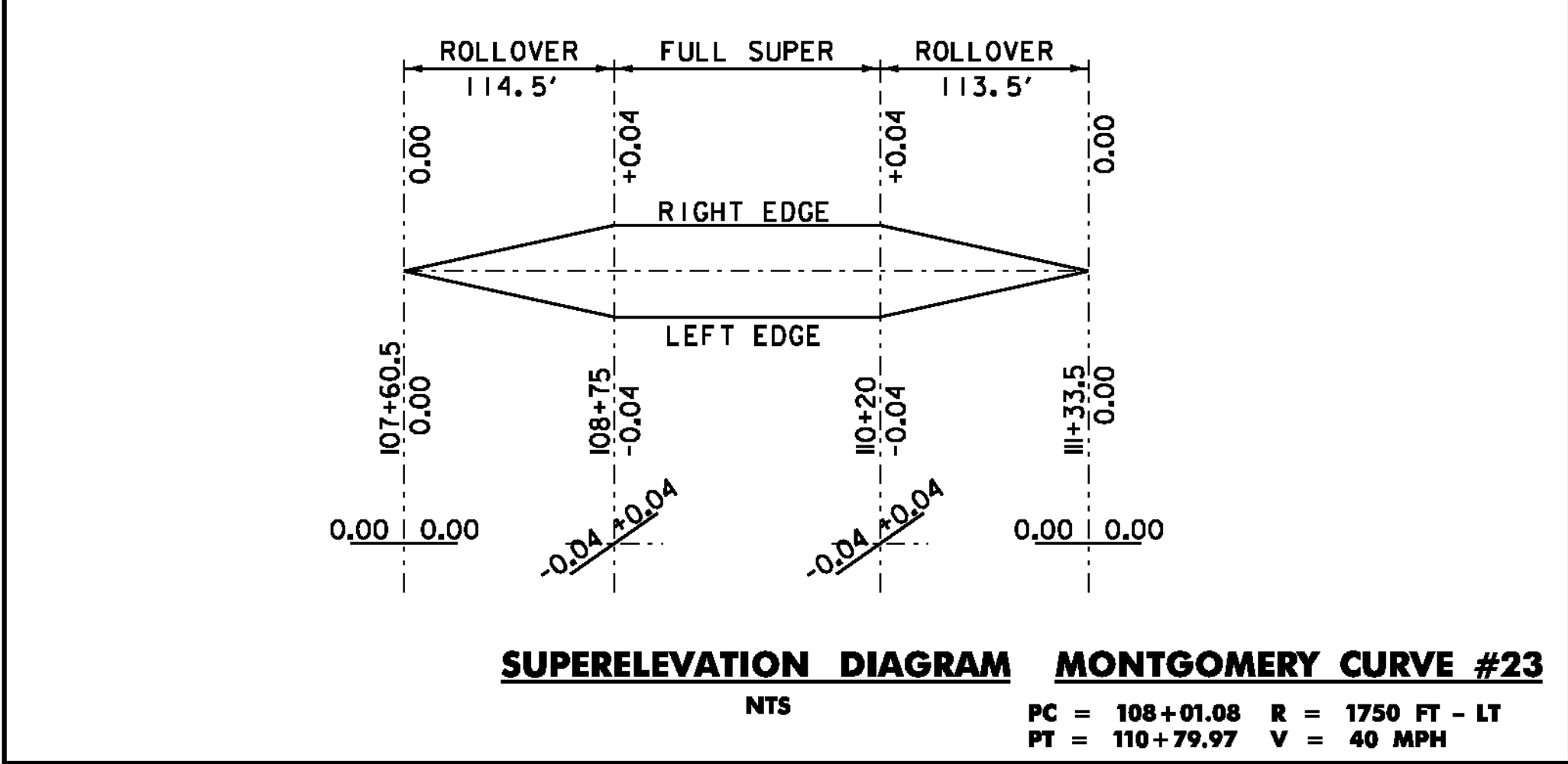
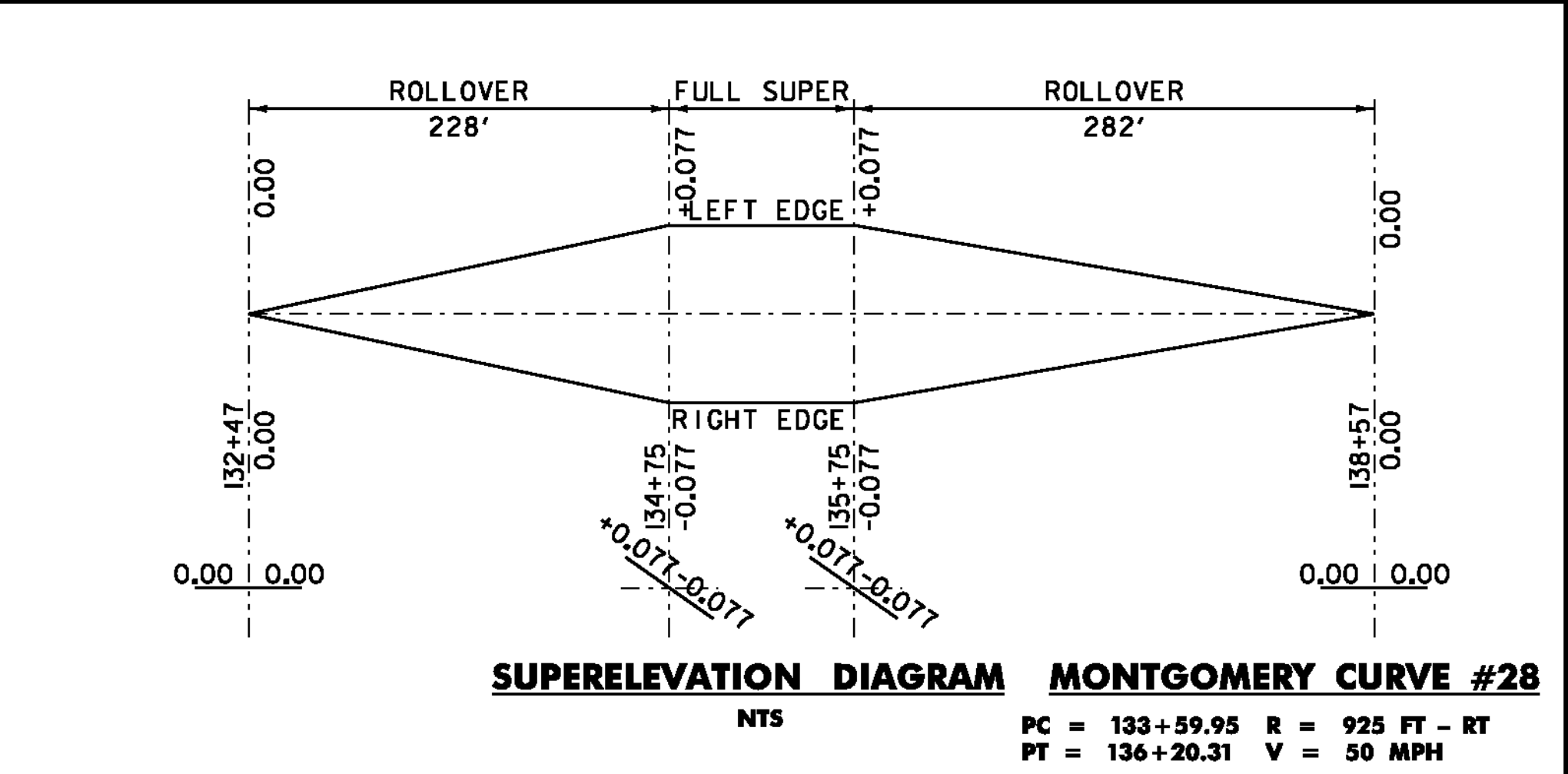
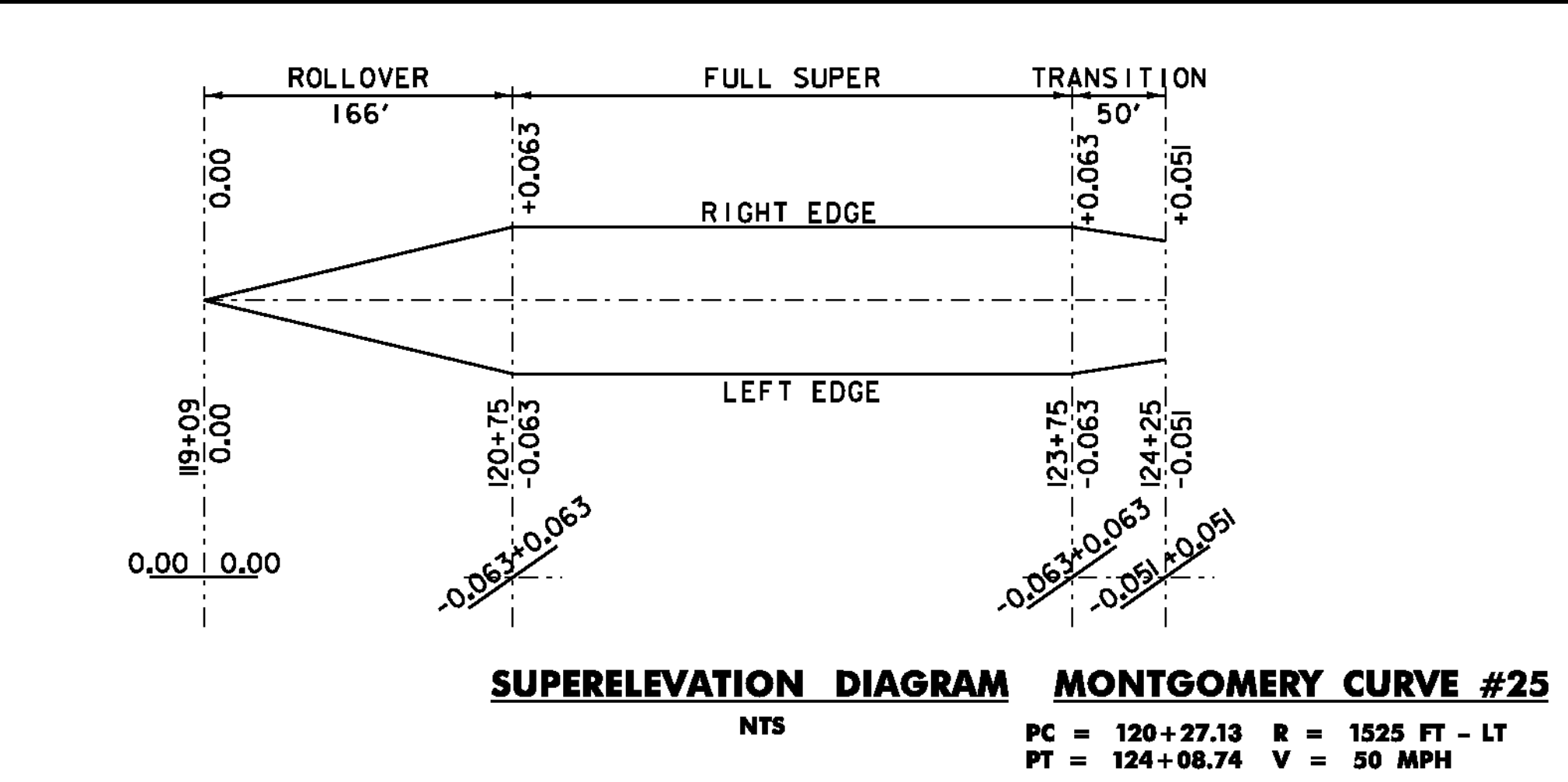
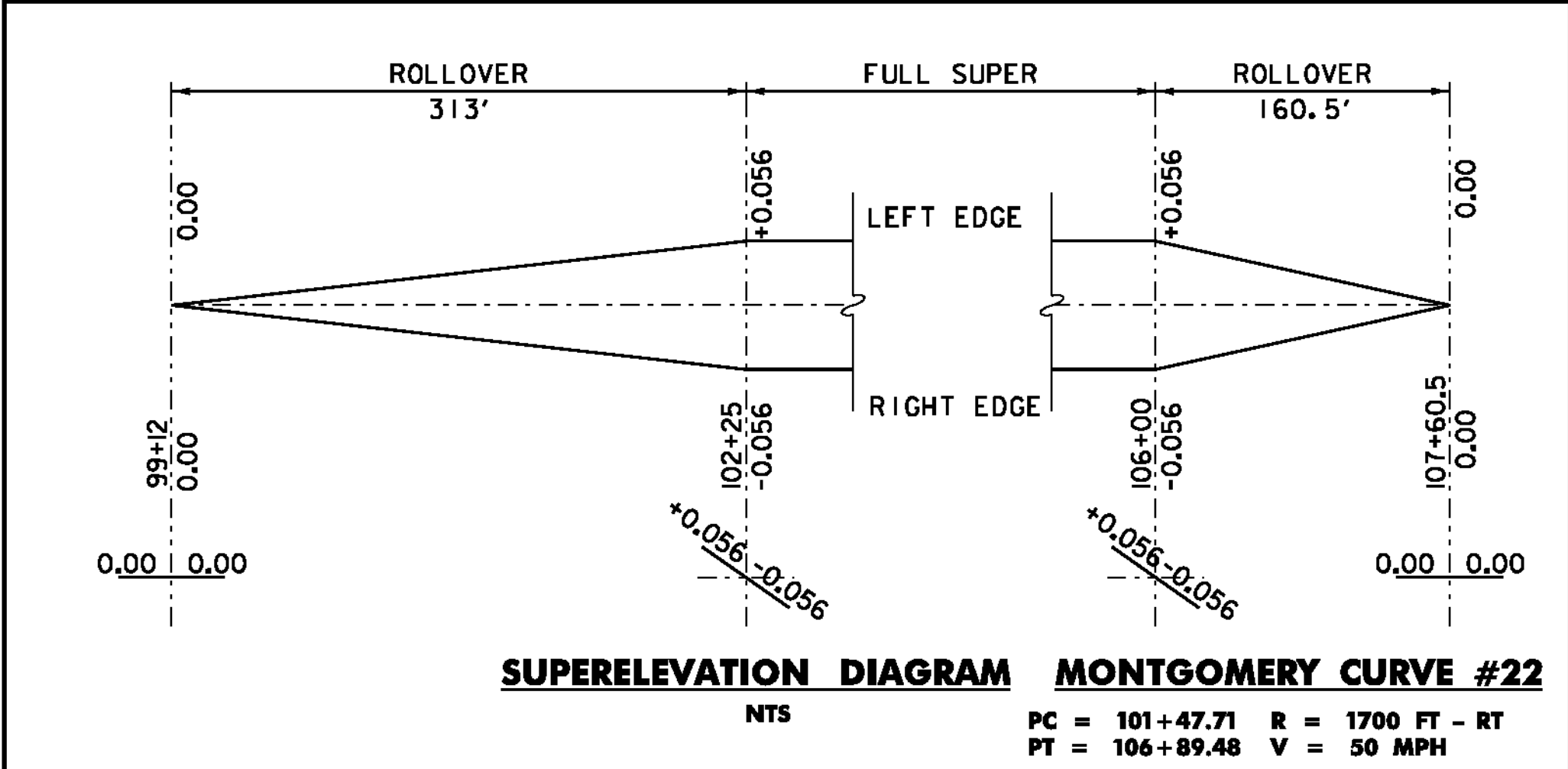
SUPERELEVATION DIAGRAM MONTGOMERY CURVE #20
NTS
PC = 89+83.34 R = 2100 FT - LT
PT = 93+15.03 V = 50 MPH

SUPERELEVATION DIAGRAM MONTGOMERY CURVE #21
NTS
PC = 95+35.10 R = 6000 FT - LT
PT = 98+25.34 V = 50 MPH

NOTES:

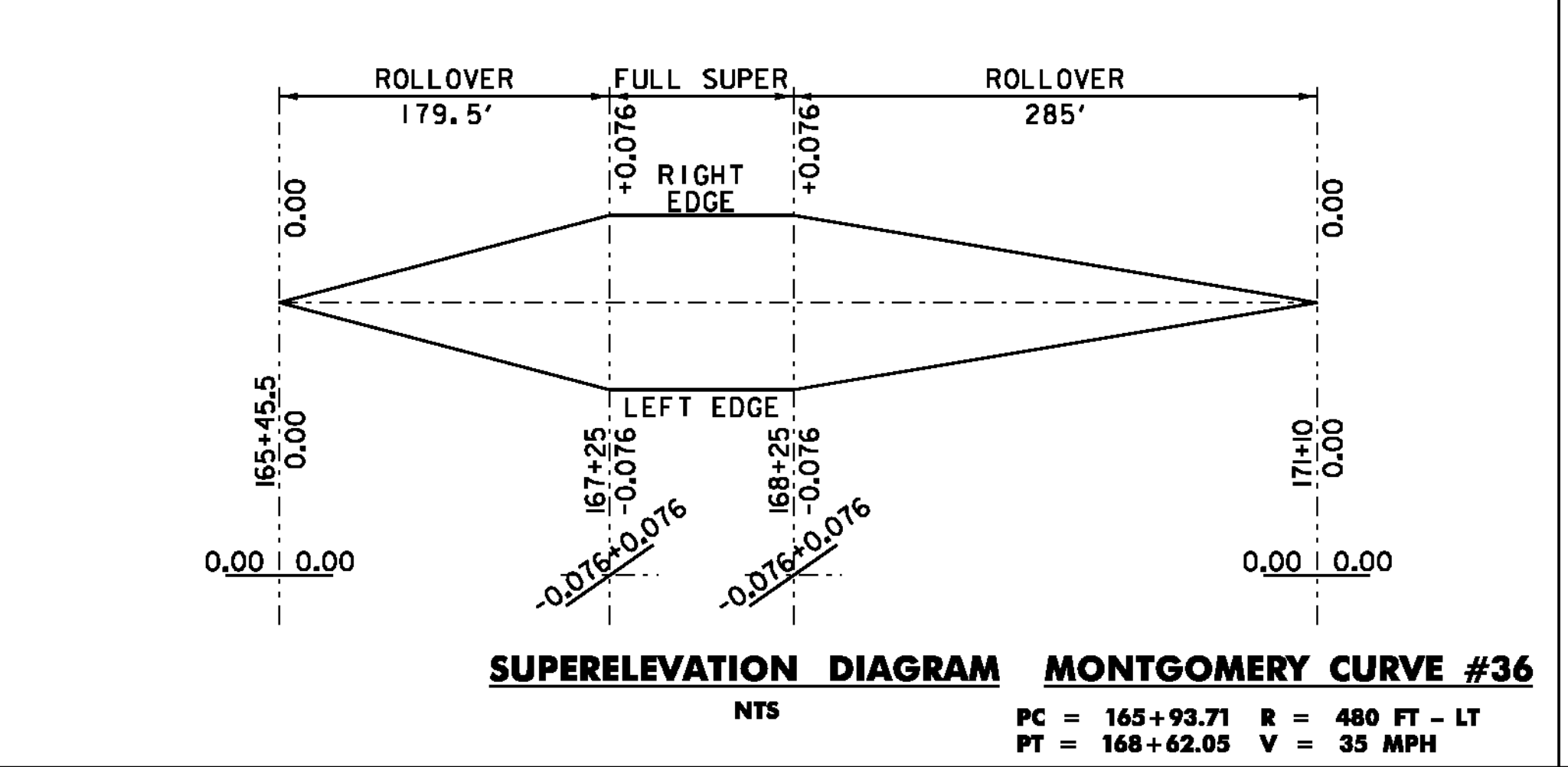
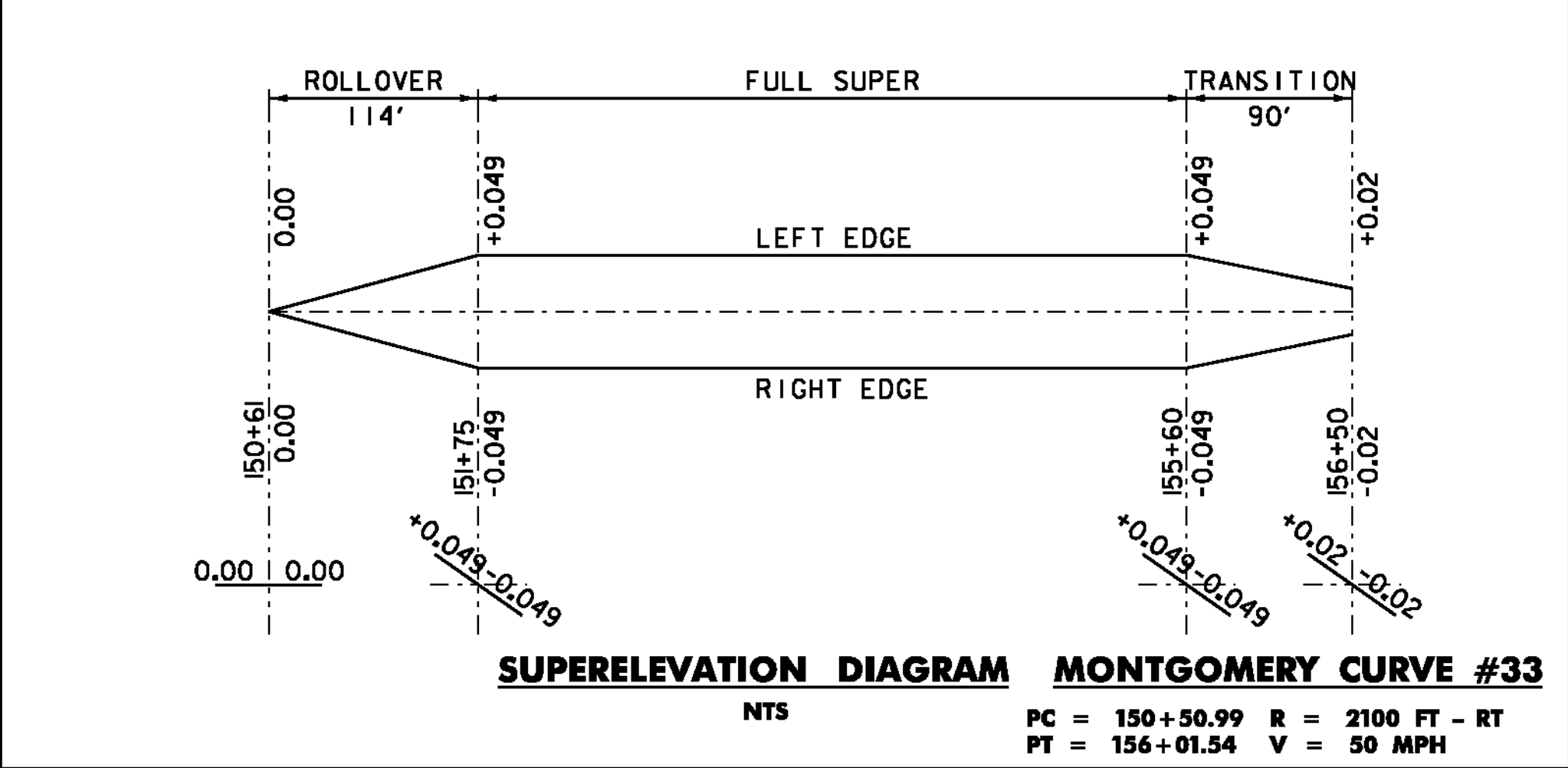
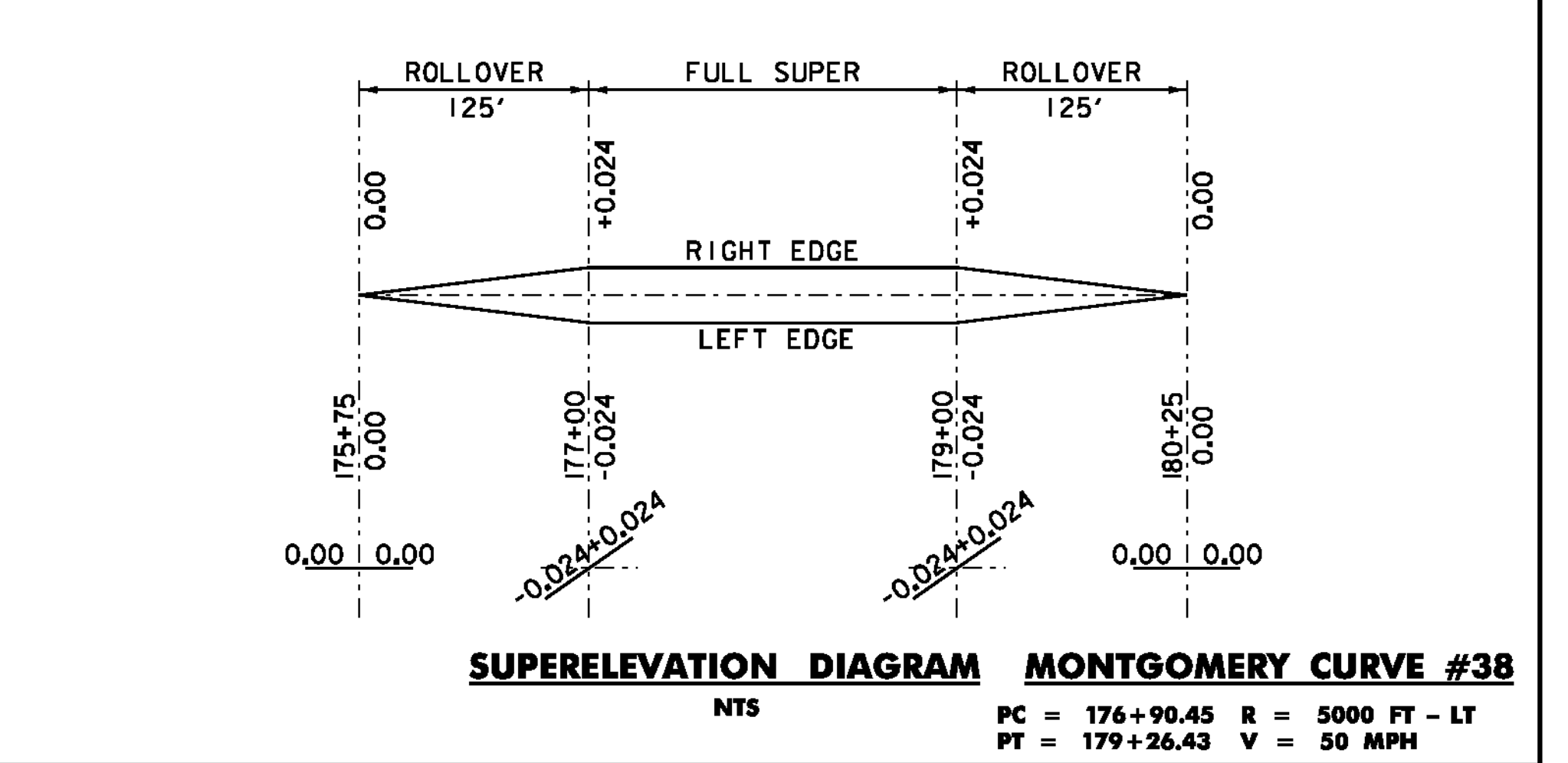
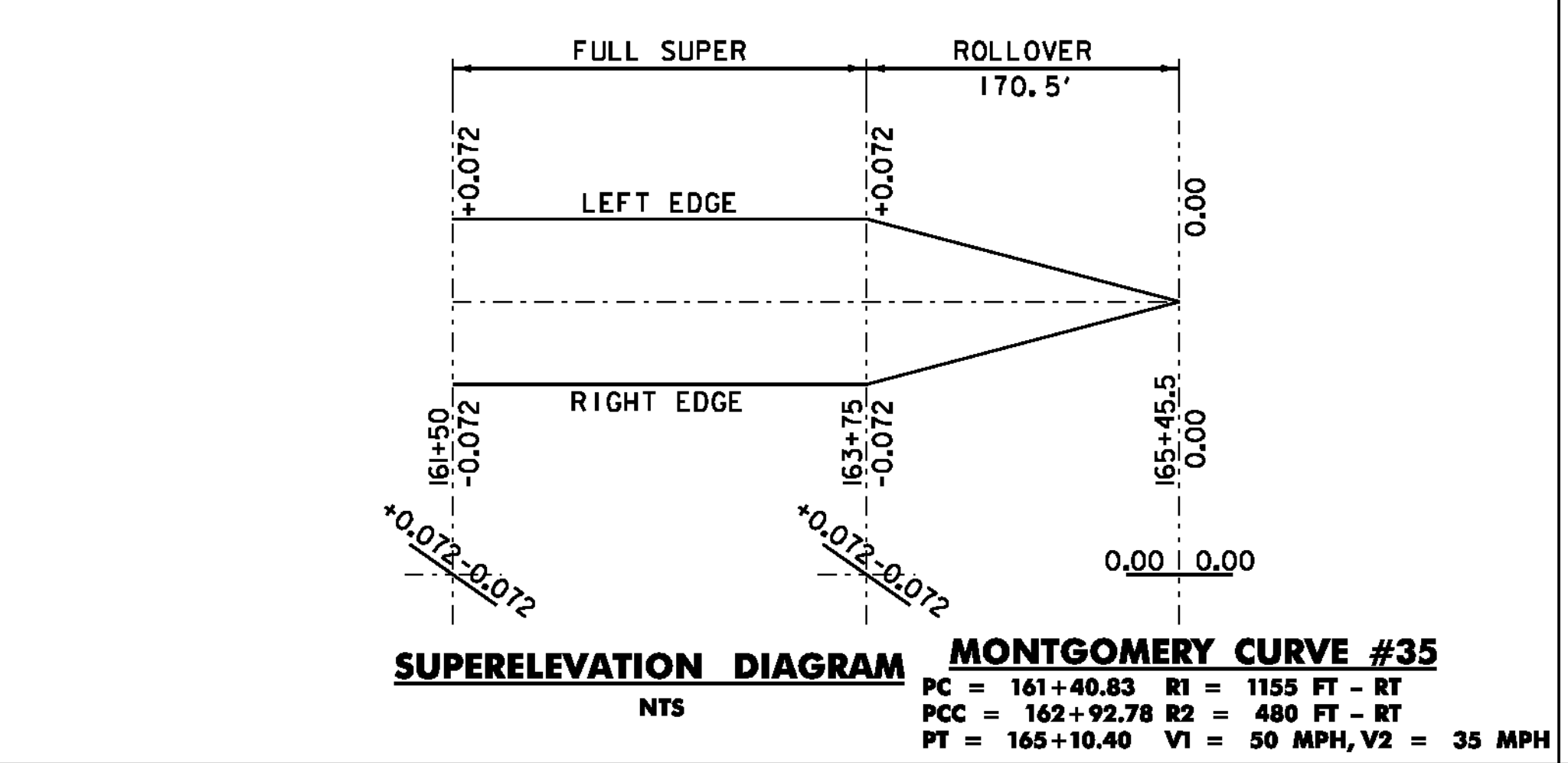
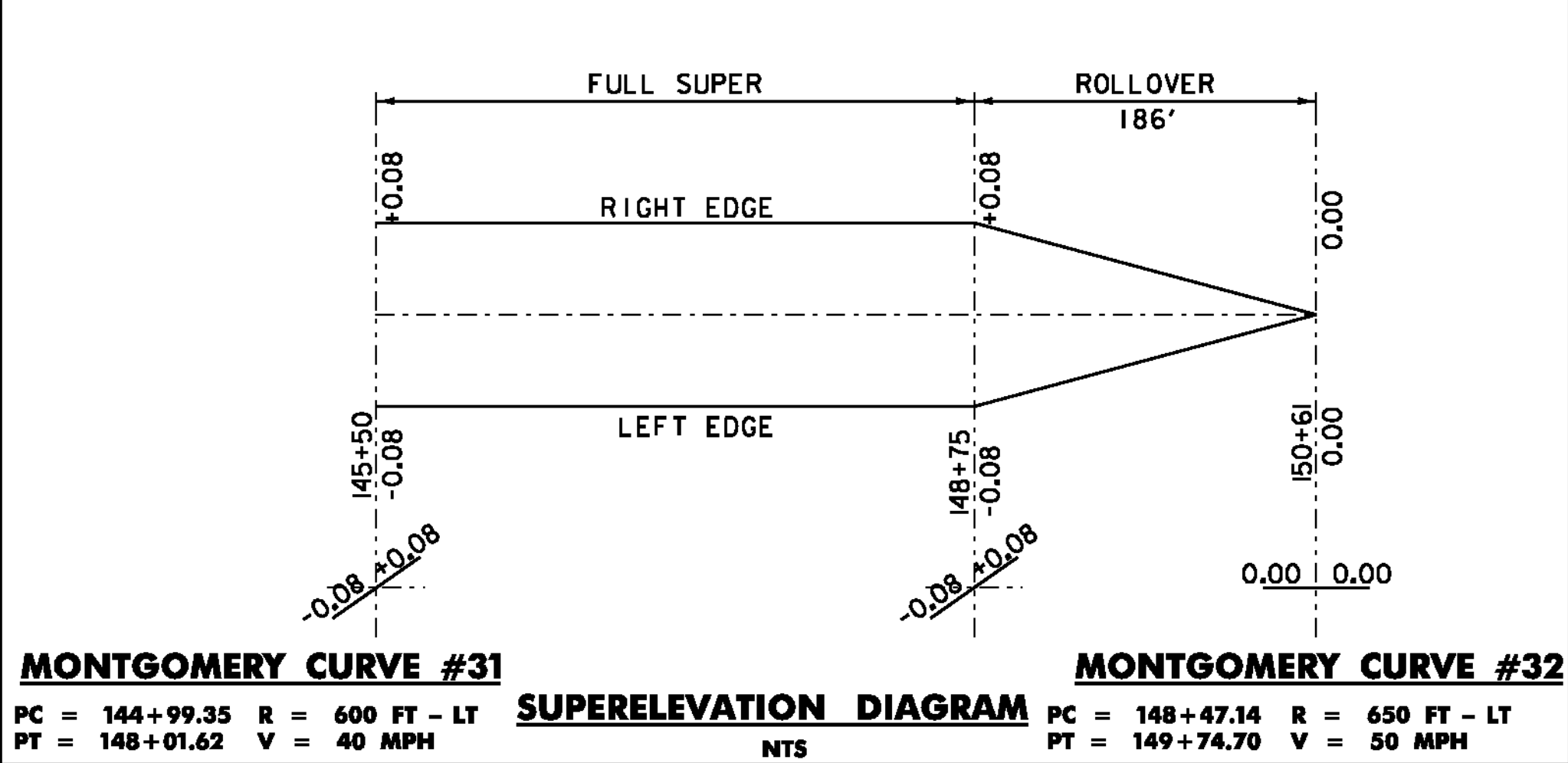
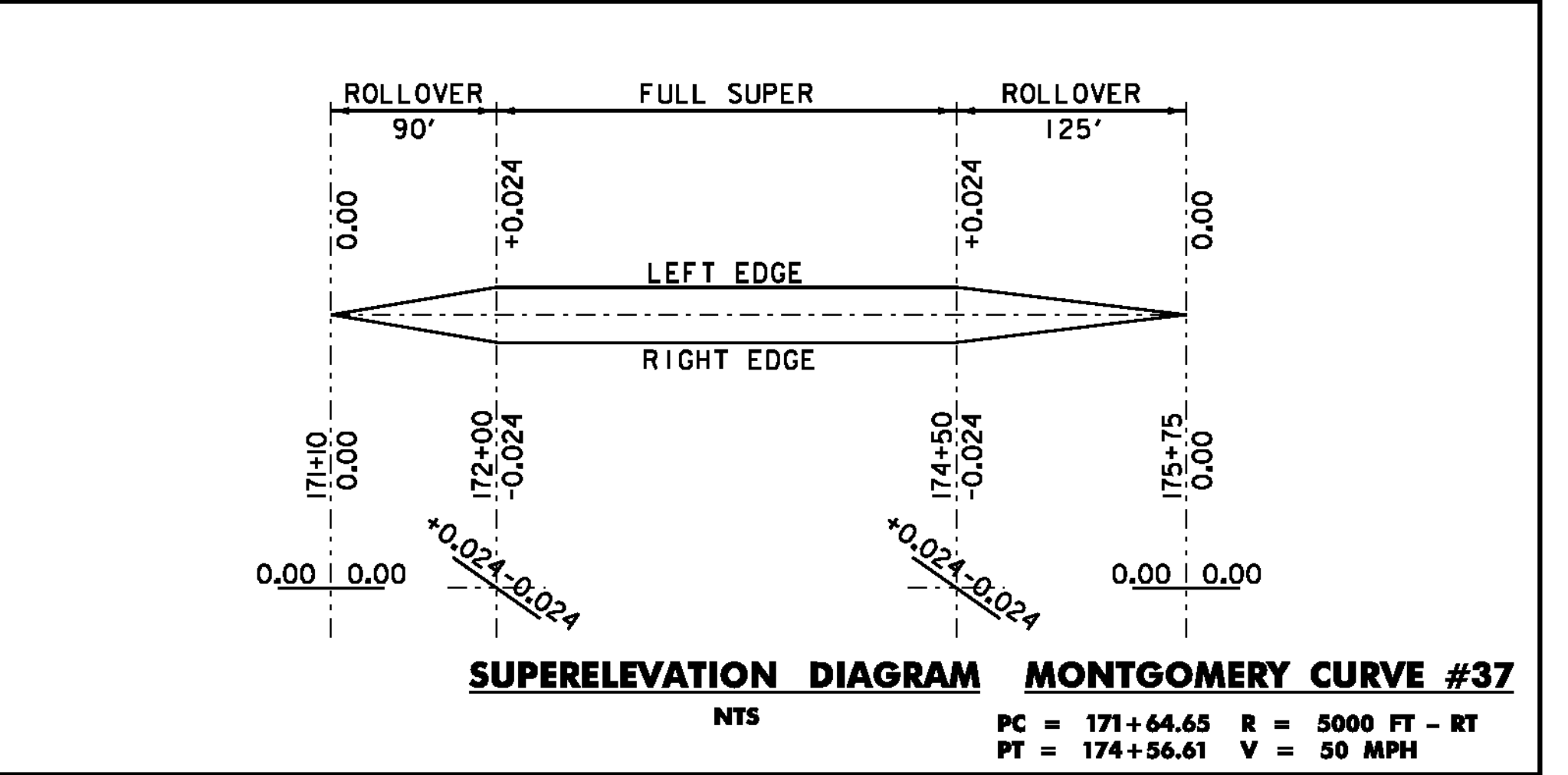
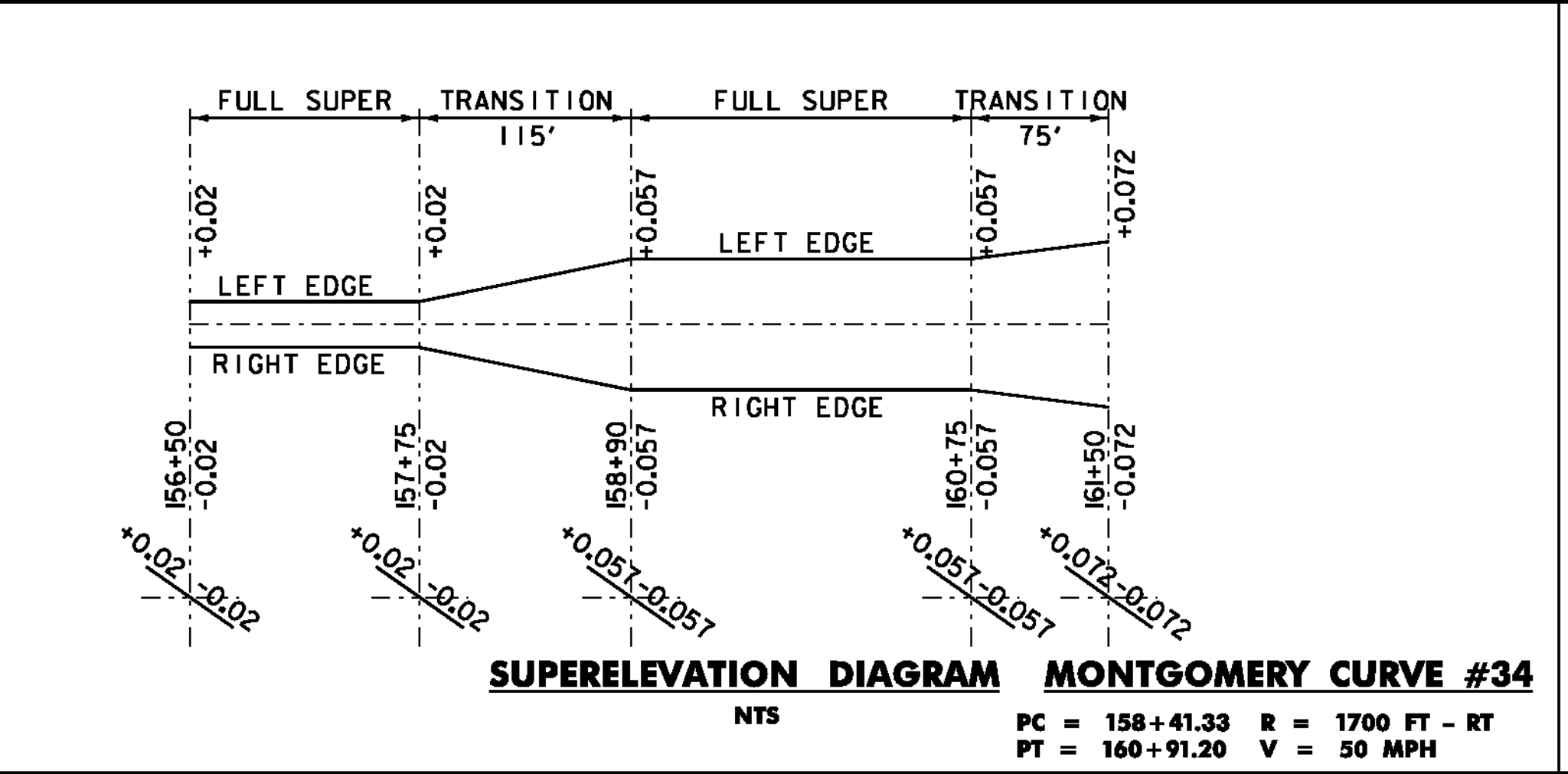
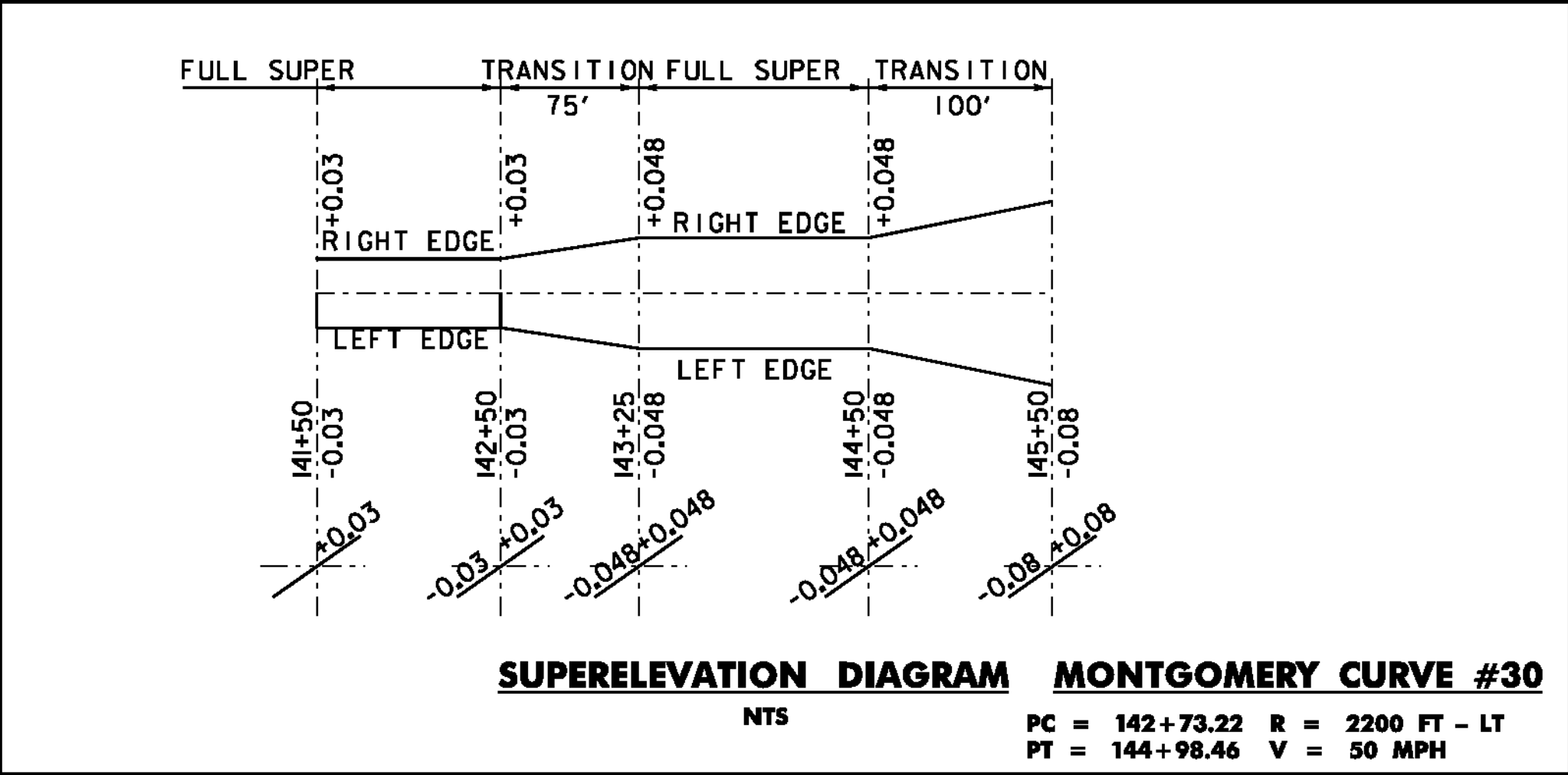
I. CURVES NOT SHOWN ON SUPERELEVATION BANKING DIAGRAM SHEETS DO NOT NEED TO BE SUPERELEVATED.

SUPERELEVATION BANKING DIAGRAM SHEET 2	PROJECT NAME: MONTGOMERY-WESTFIELD
	PROJECT NUMBER: STP 2906(I)
	FILE NAME: p10C190.dgn
	PLOT DATE: 9/5/12
PROJECT LEADER: CDL	DRAWN BY: BMB
DESIGNED BY: SJL	CHECKED BY: EPD
PLOT FILE: p10C190_100.I	SHEET 100 OF 178



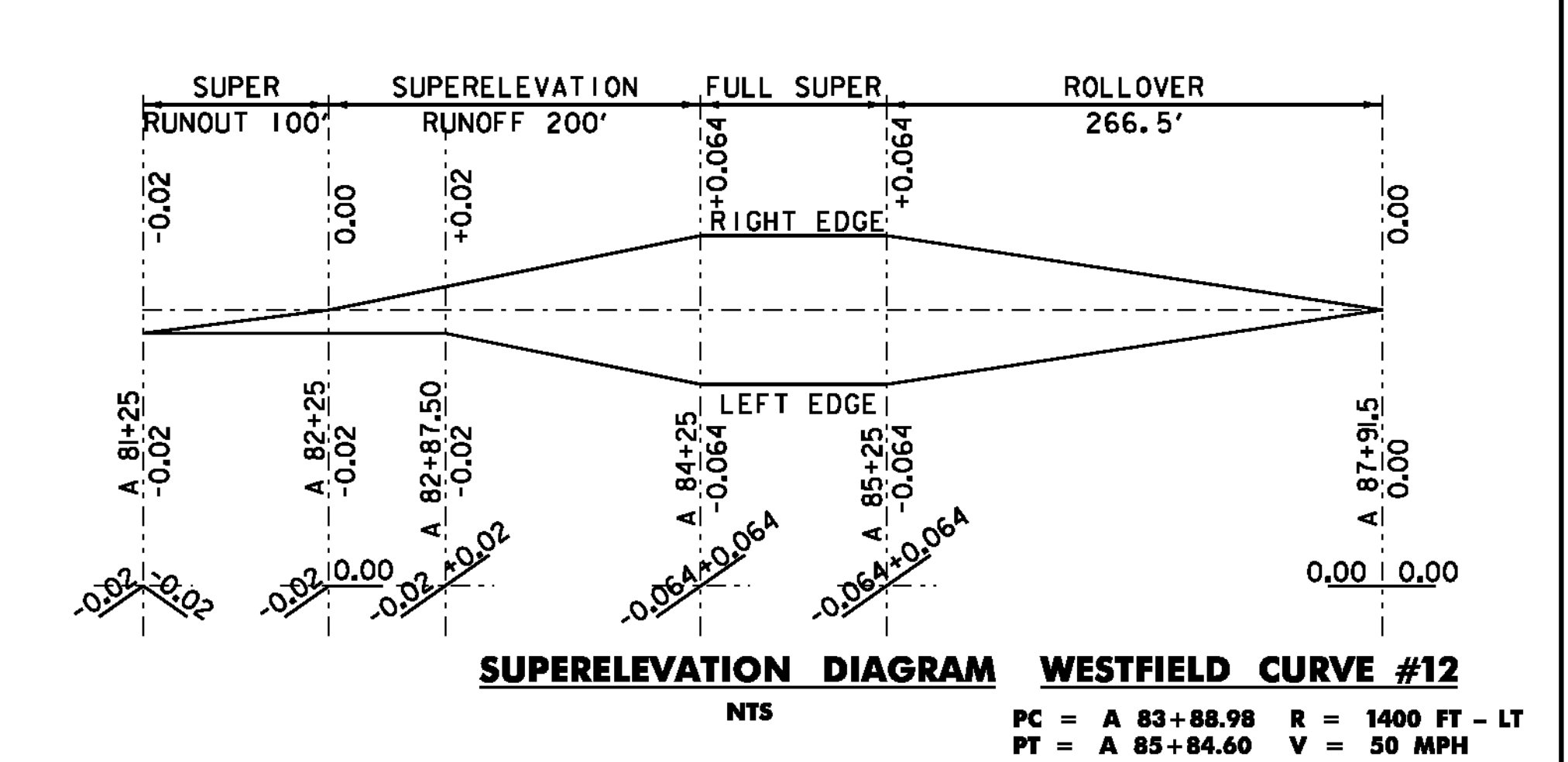
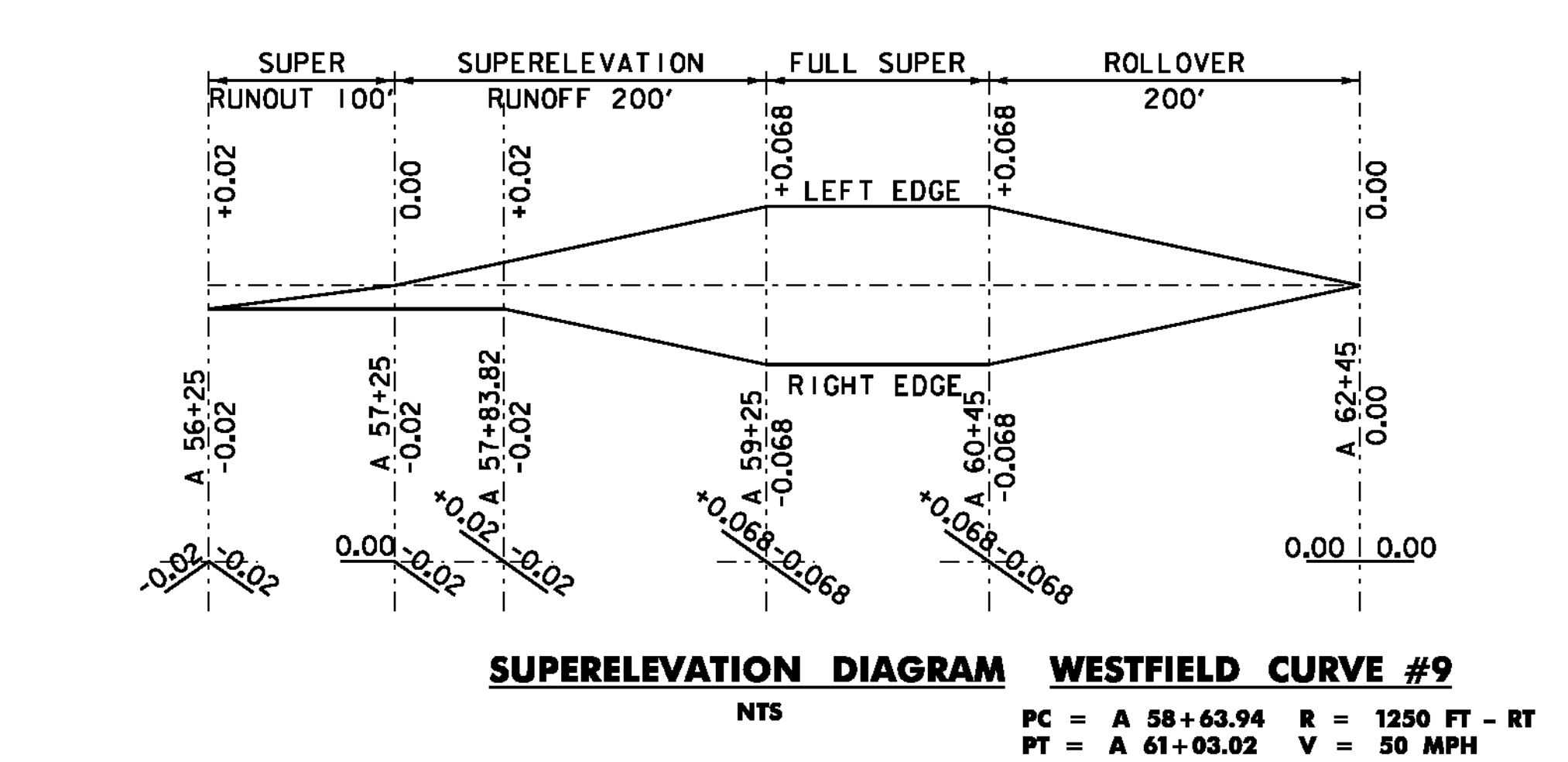
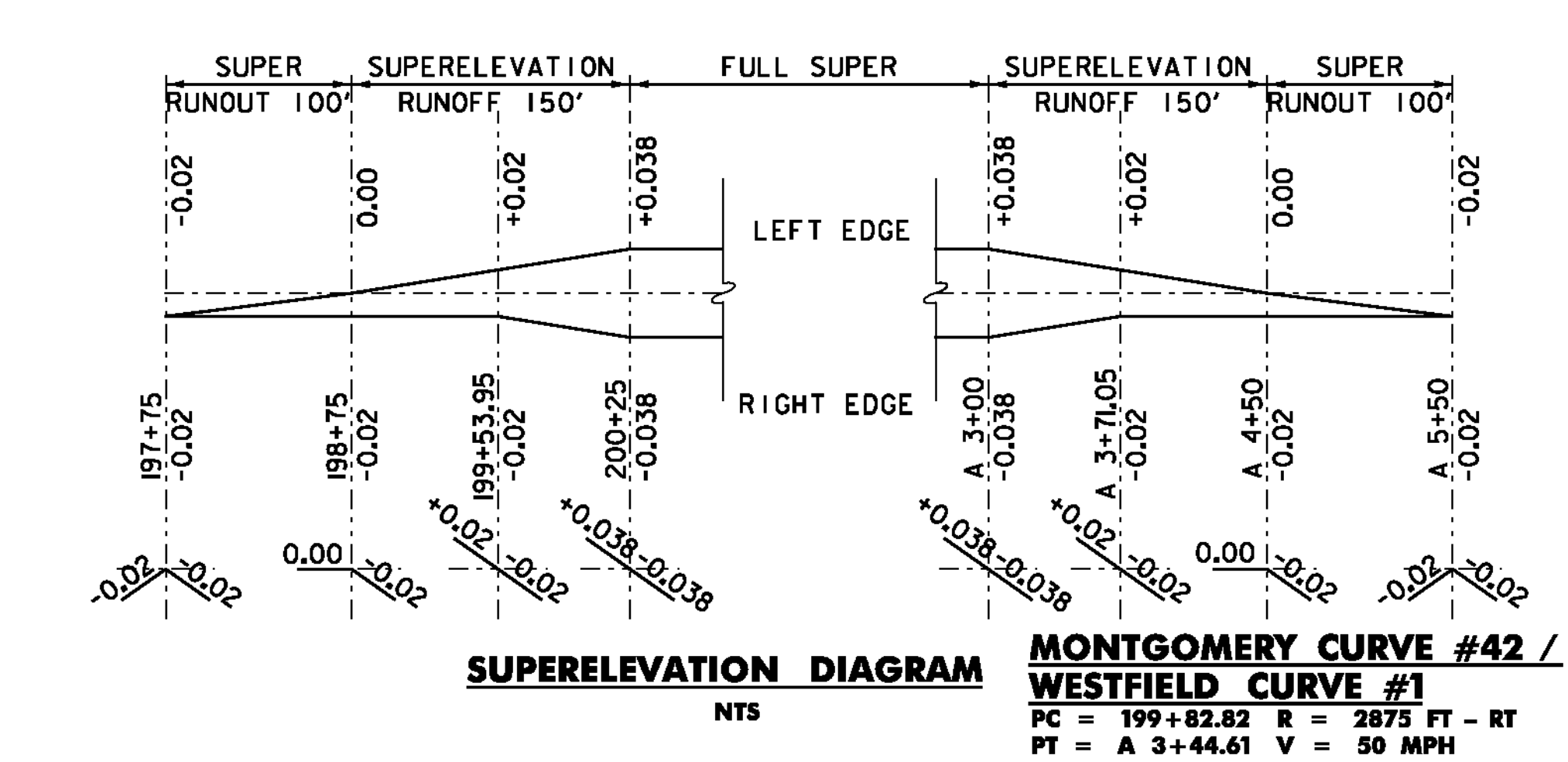
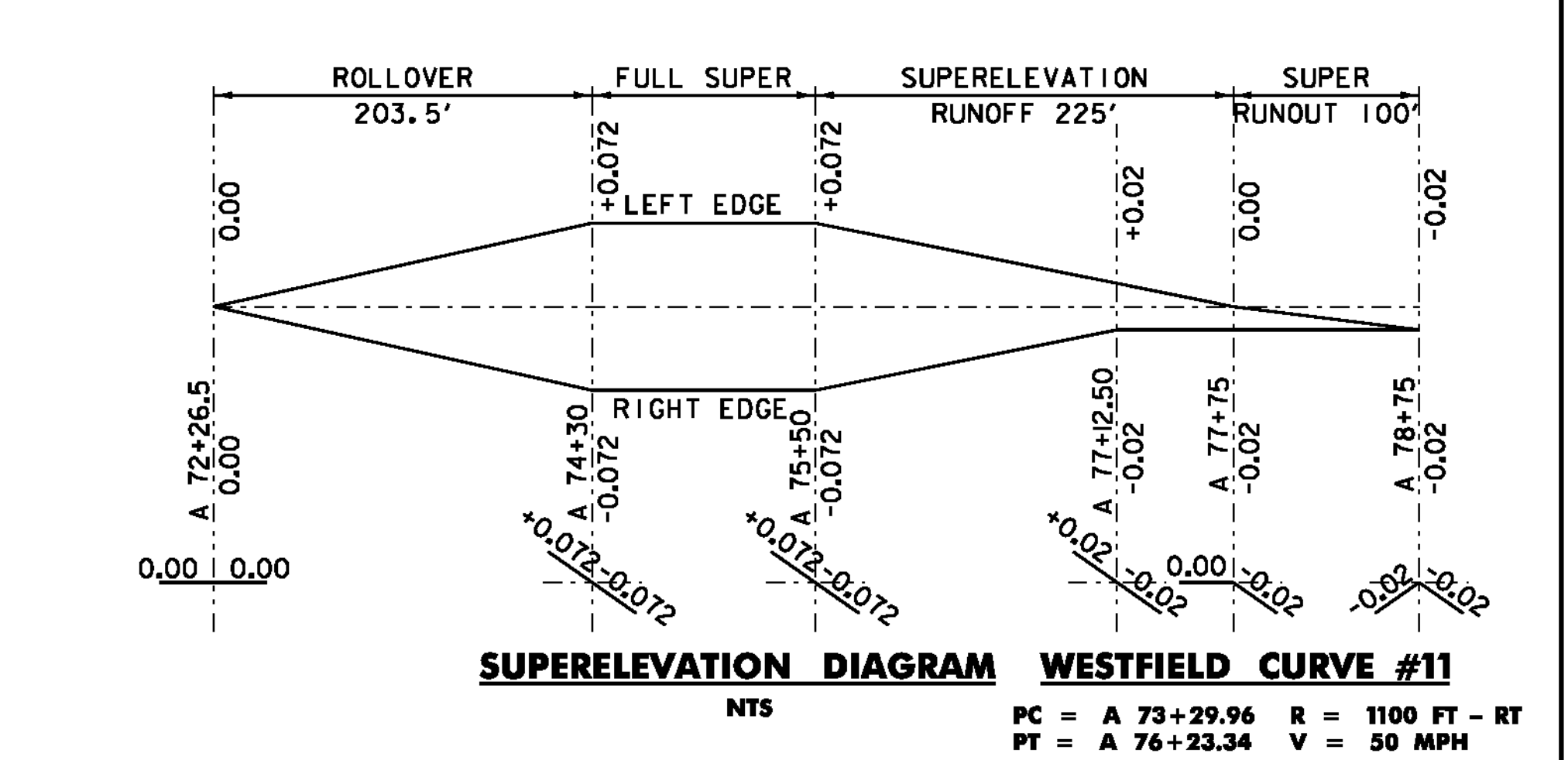
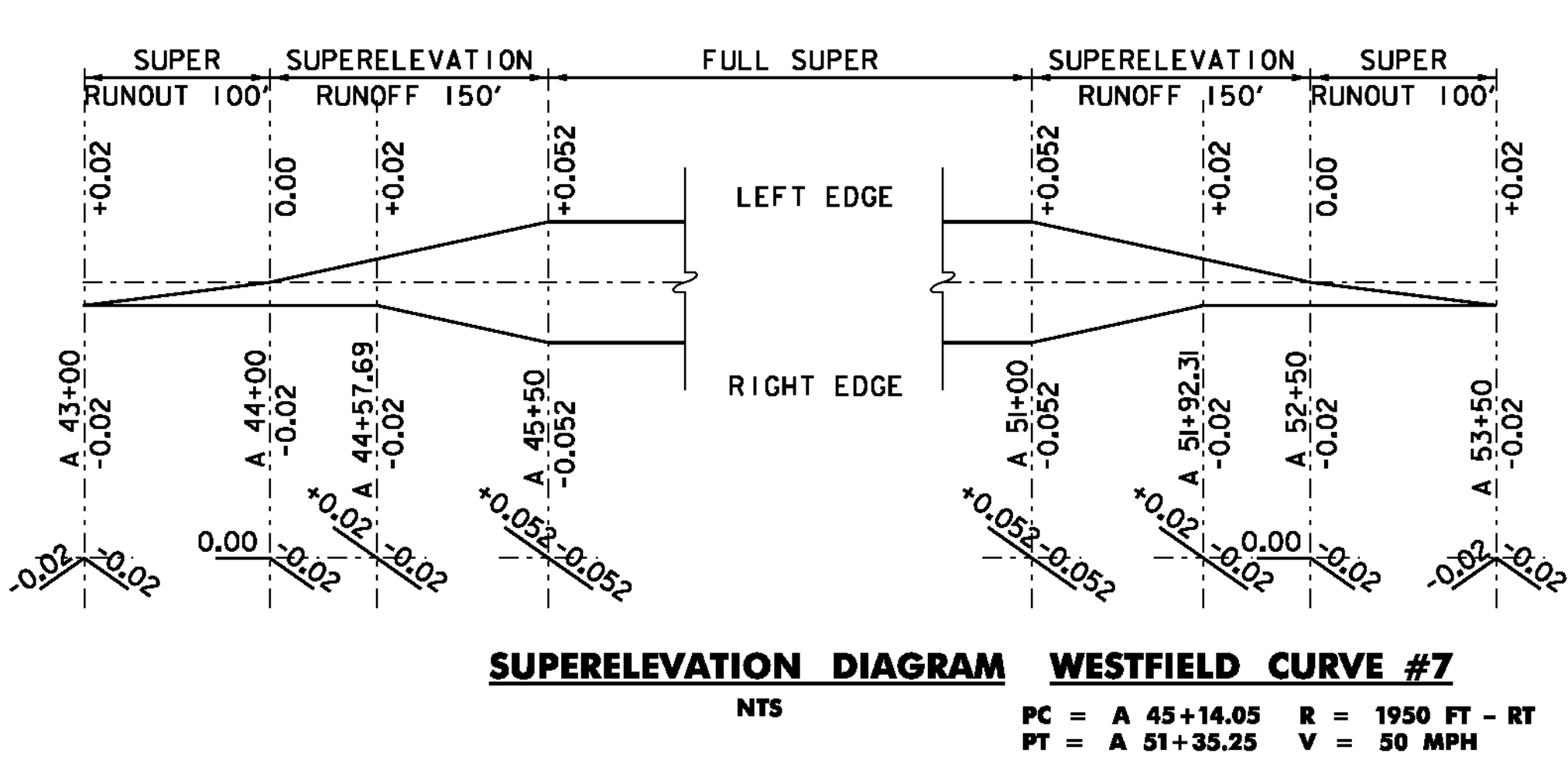
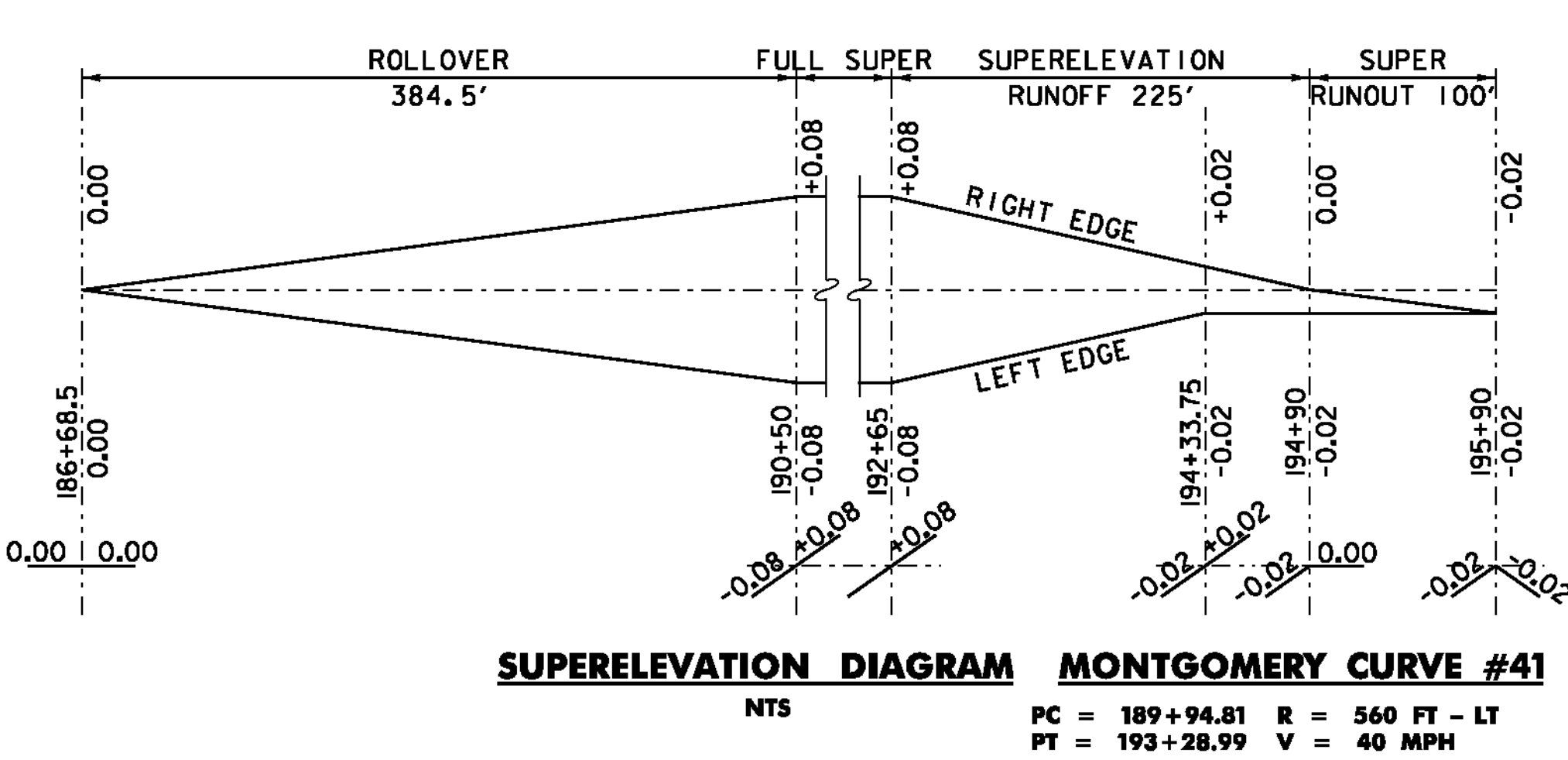
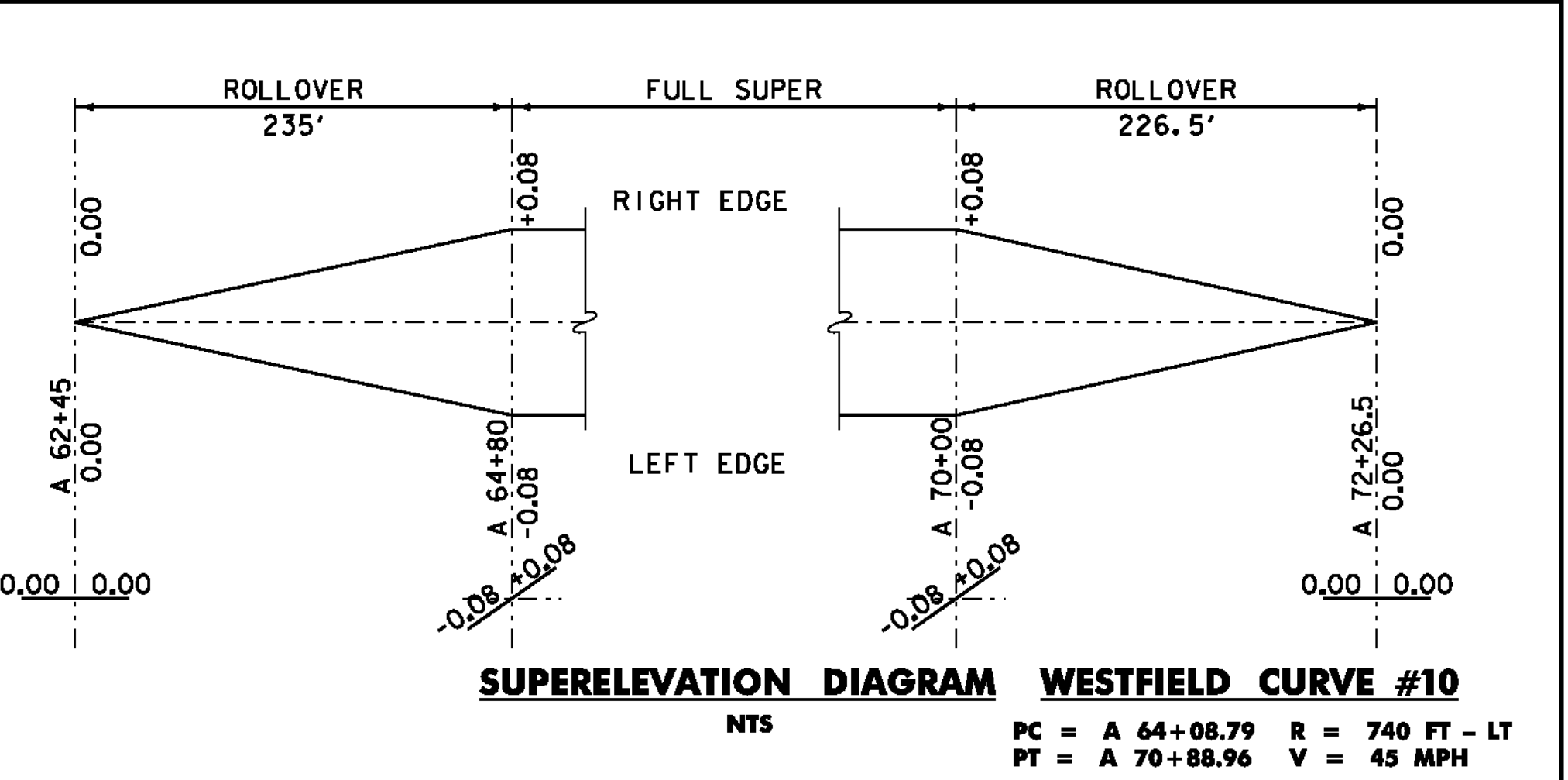
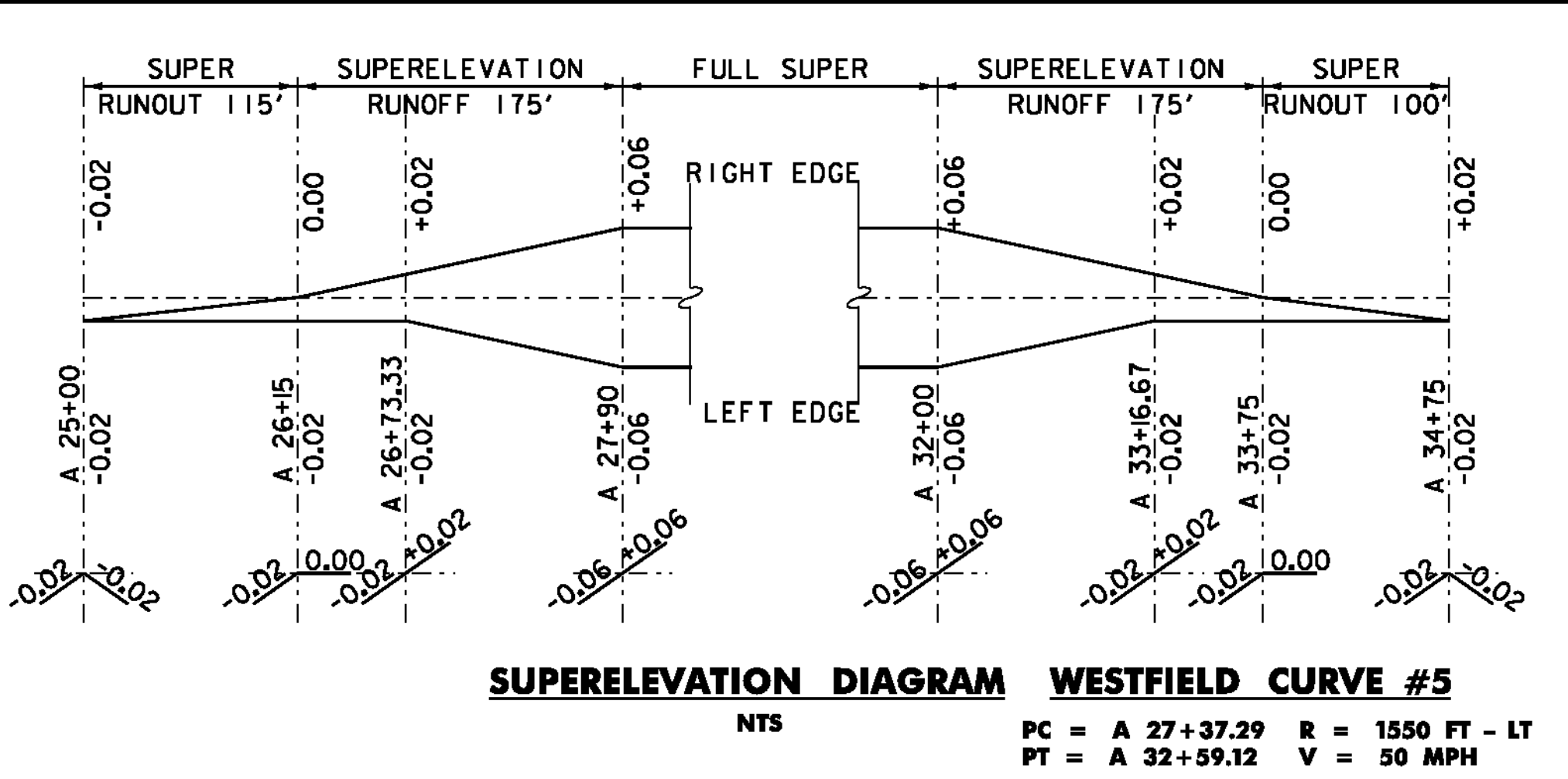
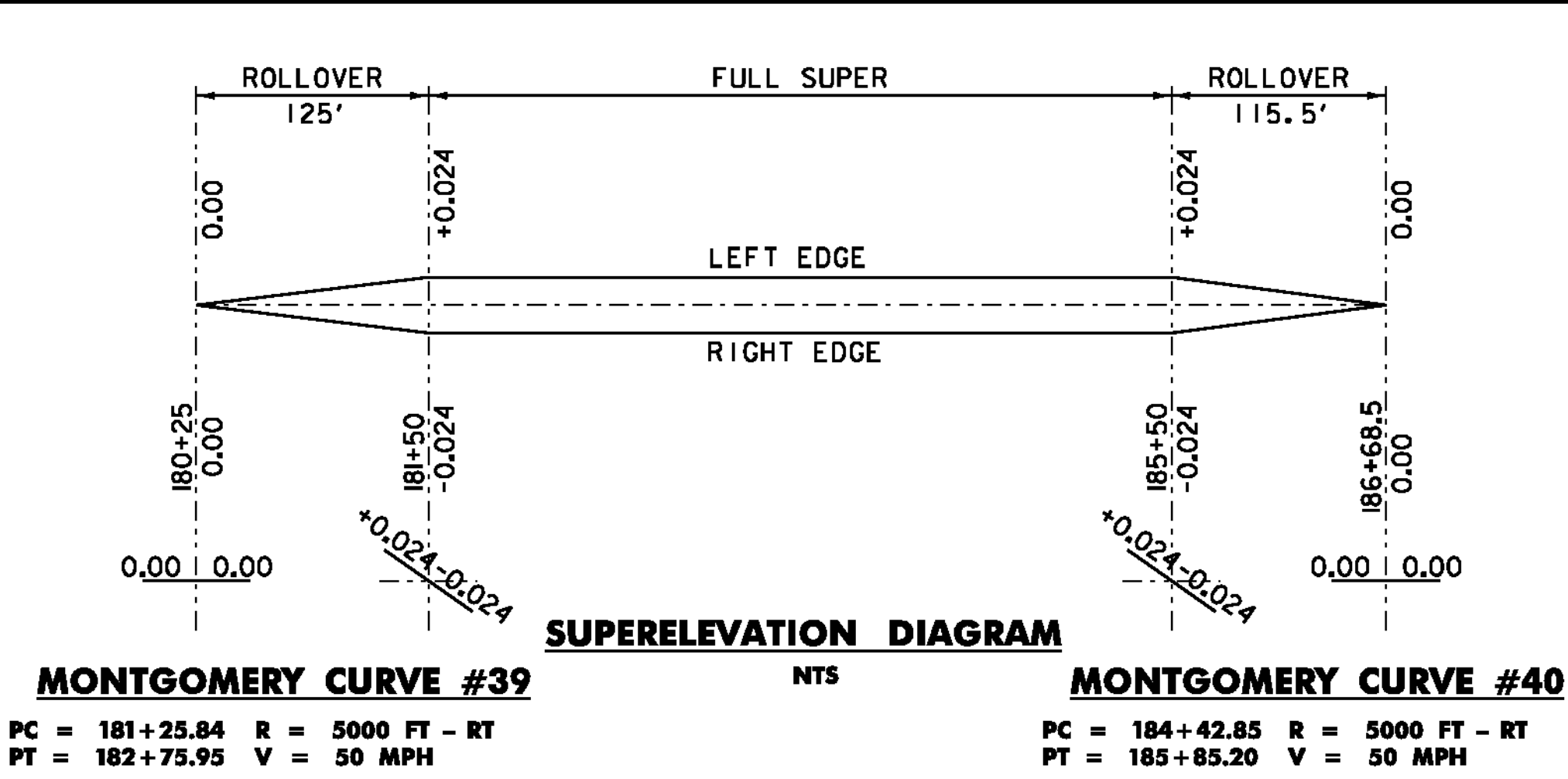
NOTES:
1. CURVES NOT SHOWN ON SUPERELEVATION BANKING DIAGRAM SHEETS DO NOT NEED TO BE SUPERELEVATED.

SUPERELEVATION BANKING DIAGRAM SHEET 3	PROJECT NAME: MONTGOMERY-WESTFIELD
	PROJECT NUMBER: STP 2906(1)
	FILE NAME: p10C190.dgn
	PLOT DATE: 9/5/12
	PROJECT LEADER: CDL
	DRAWN BY: BMB
	DESIGNED BY: SJL
	CHECKED BY: EPD
	PLOT FILE: p10C190_101.I
	SHEET 101 OF 178



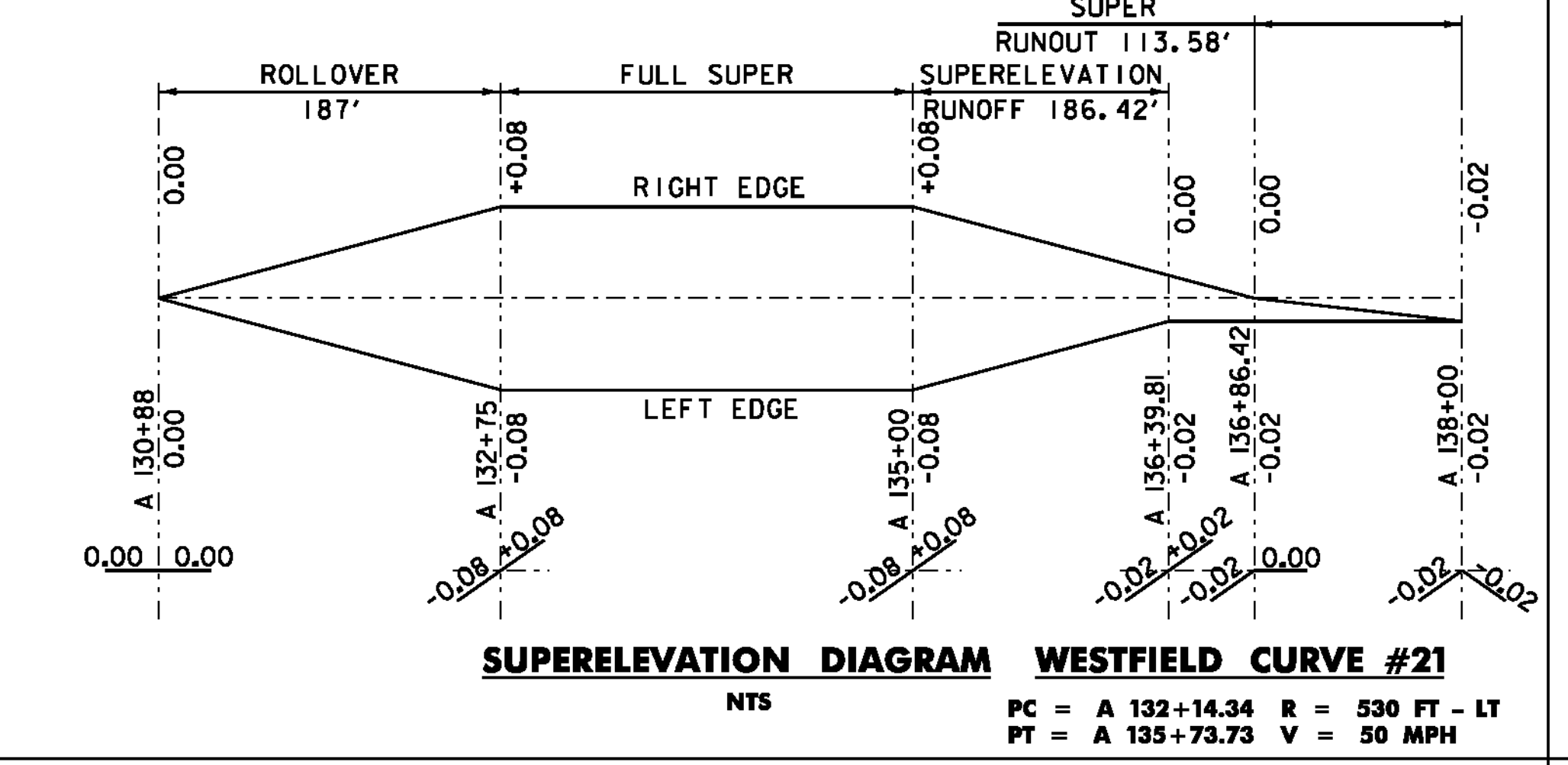
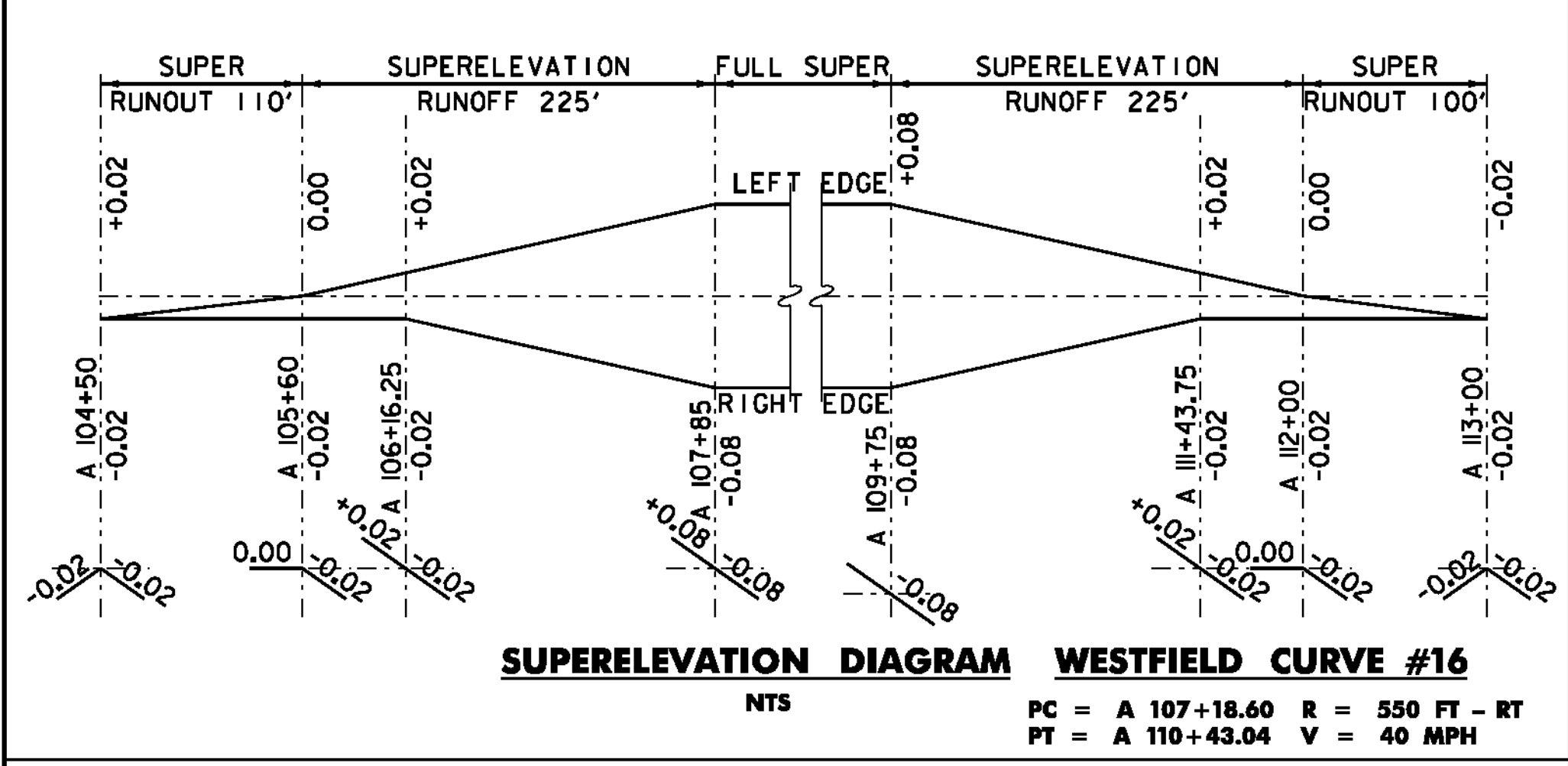
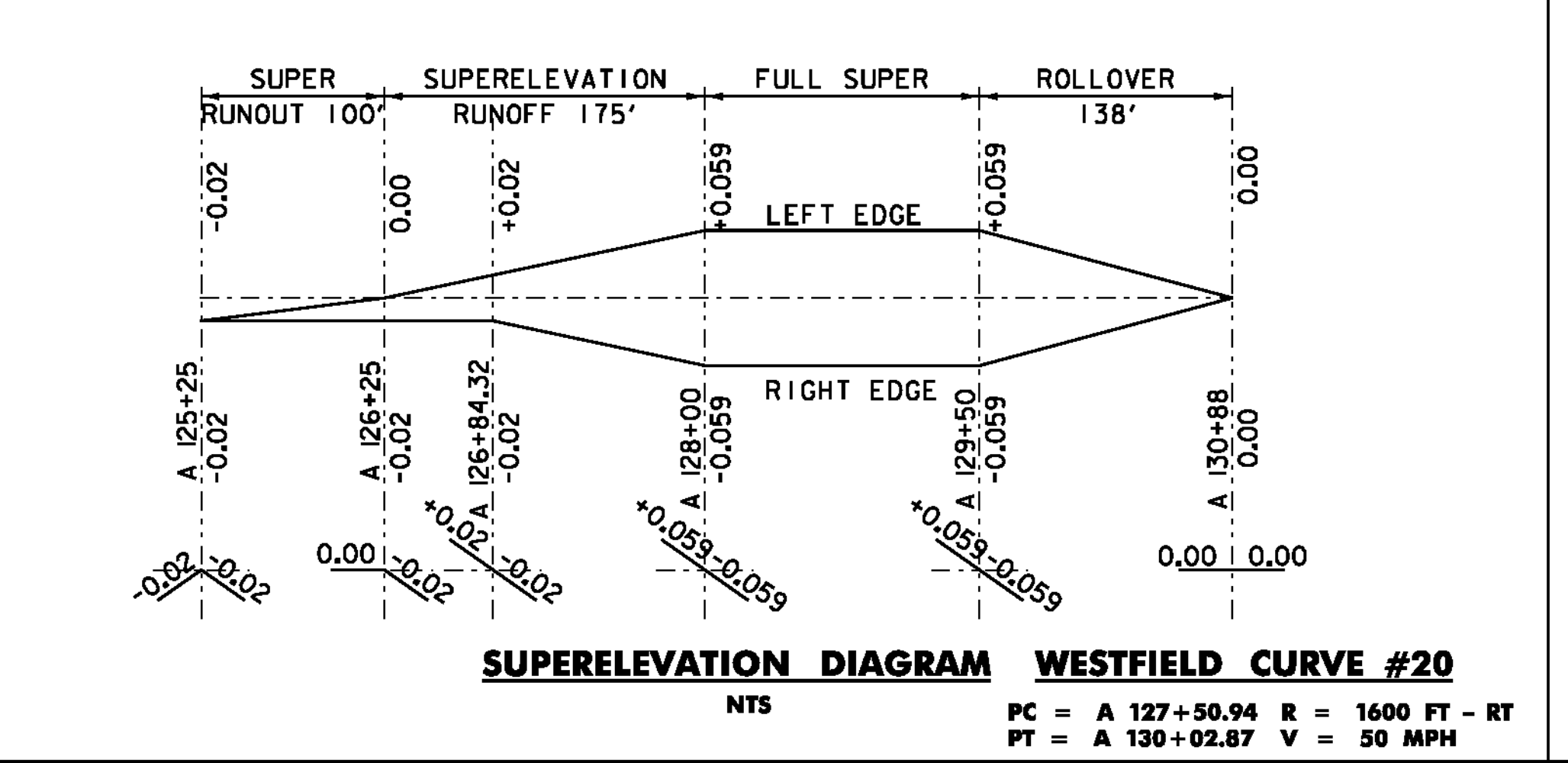
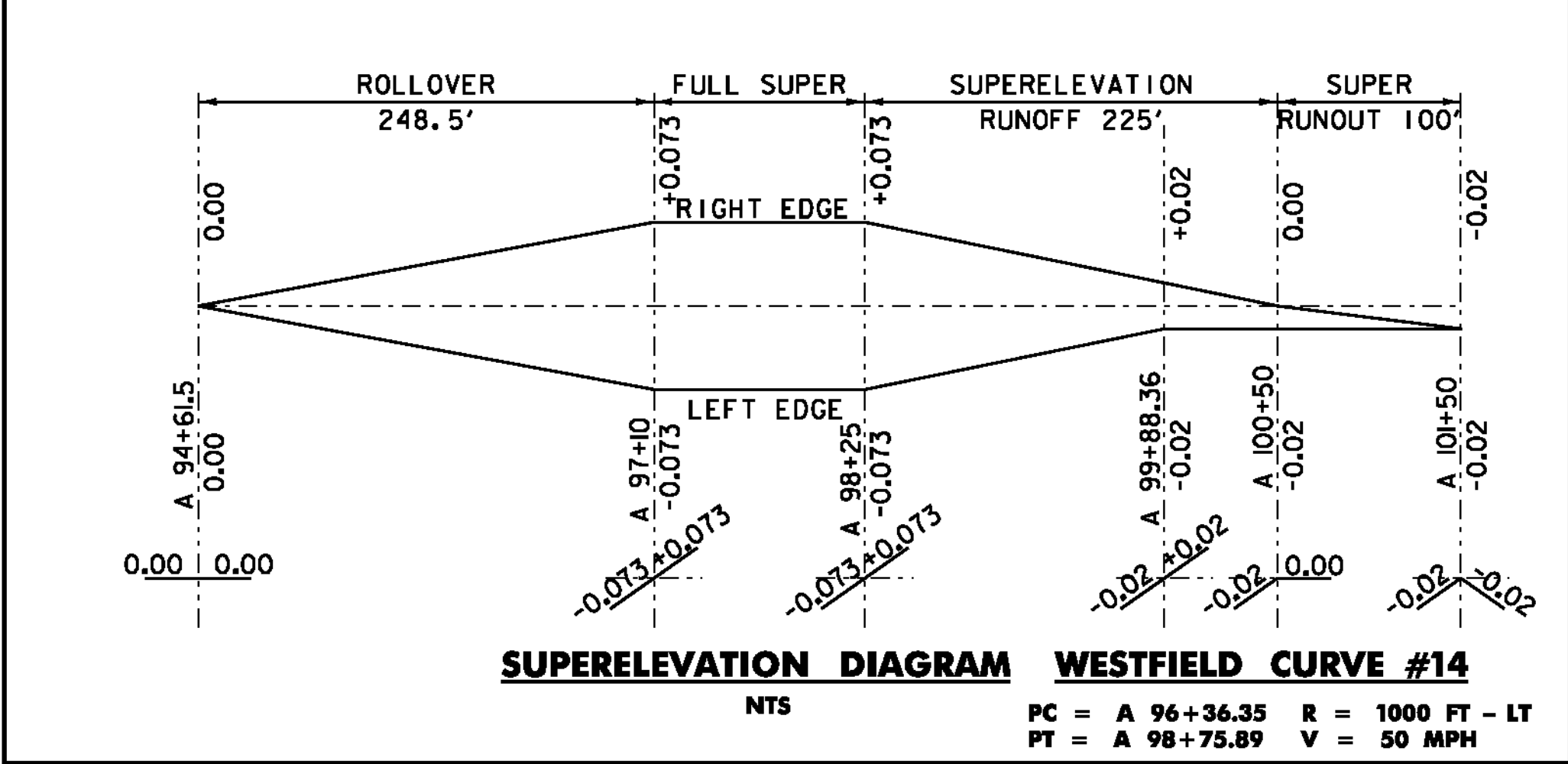
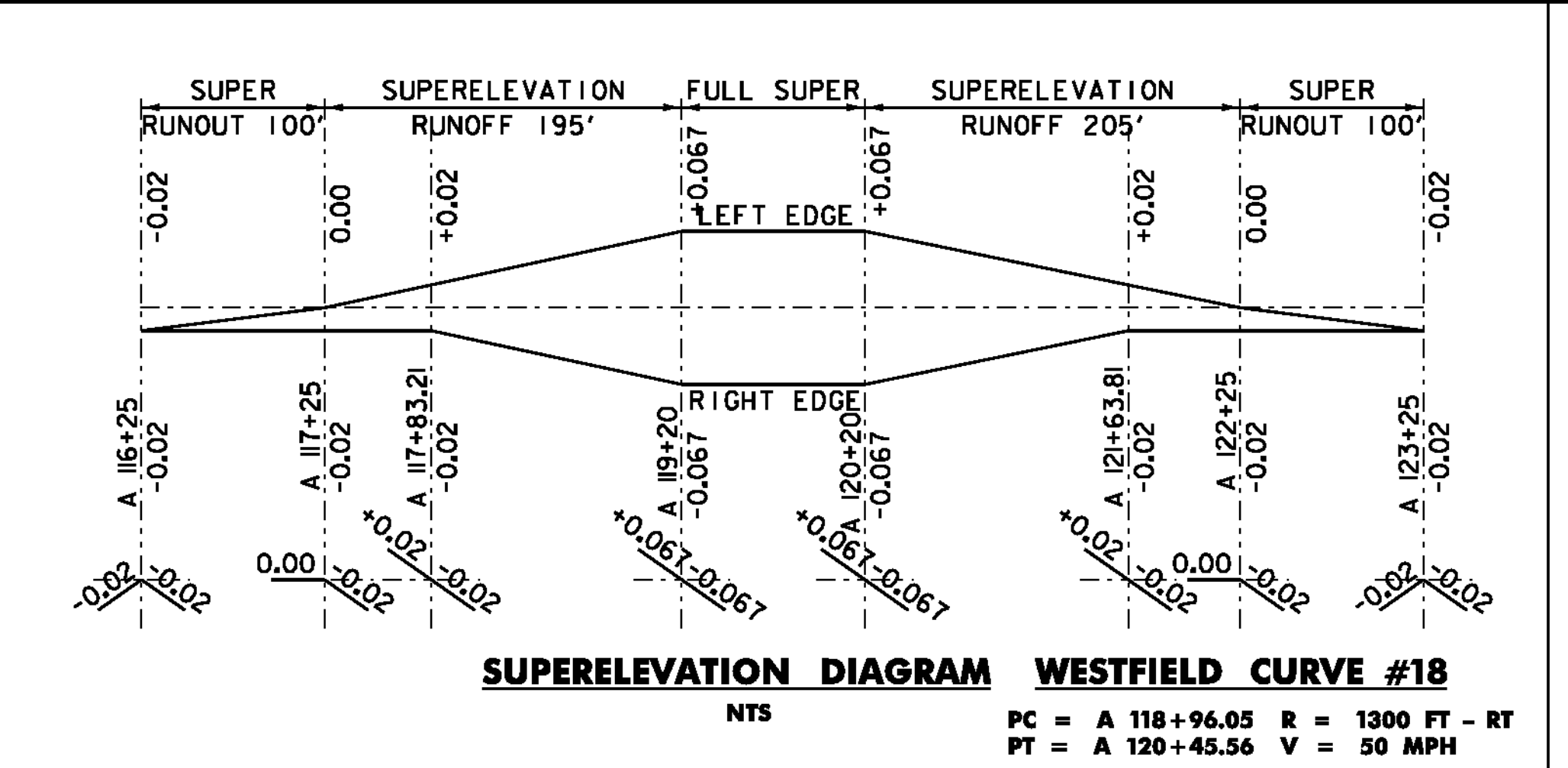
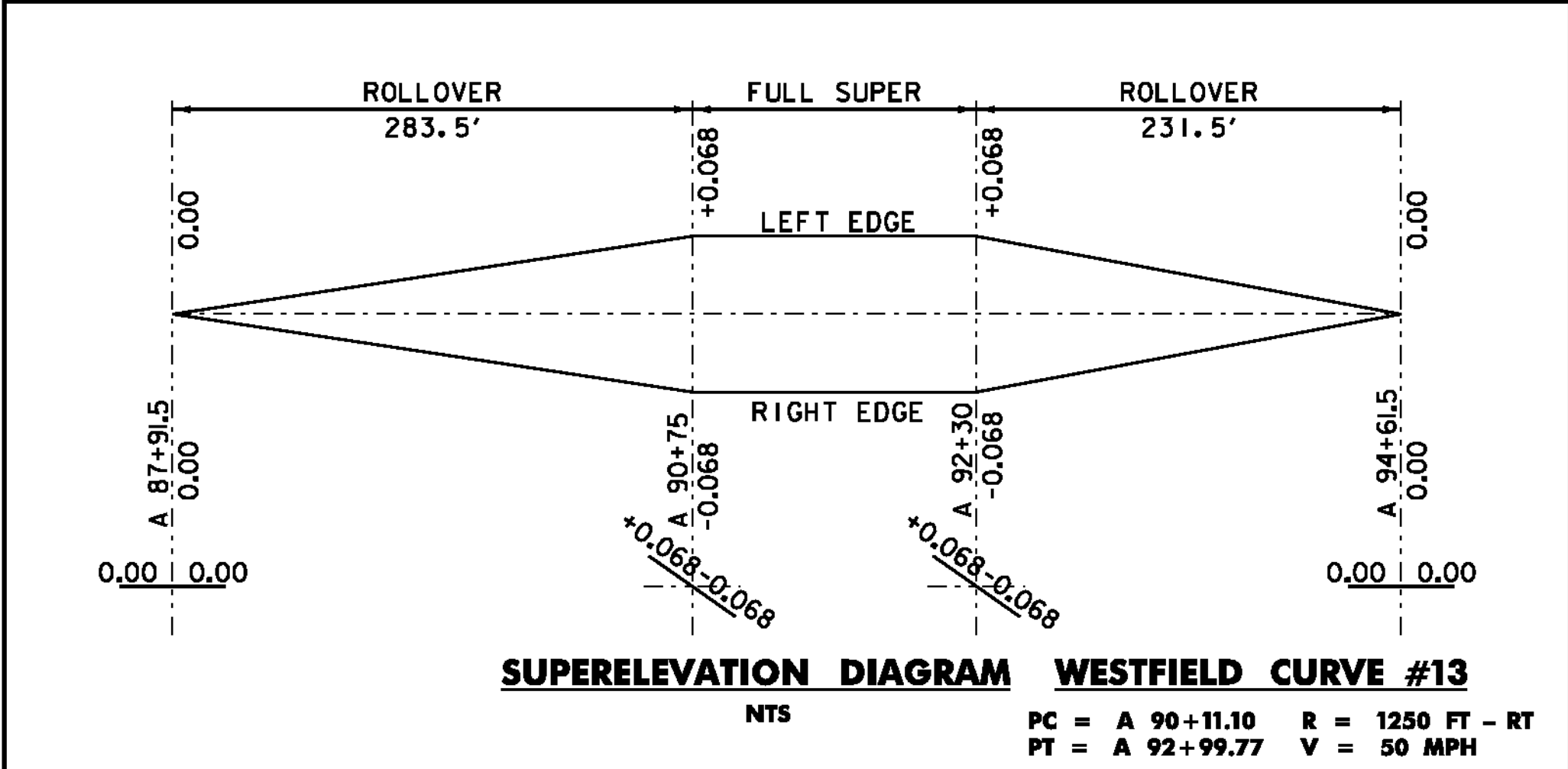
NOTES:
L. CURVES NOT SHOWN ON SUPERELEVATION BANKING DIAGRAM SHEETS DO NOT NEED TO BE SUPERELEVATED.

SUPERELEVATION BANKING DIAGRAM SHEET 4	PROJECT NAME: NEWPORT-COVENTRY-NEWPORT
	PROJECT NUMBER: STP 2802(I)
	FILE NAME: p\OC190.dgn
	PLOT DATE: 9/5/12
	PROJECT LEADER: CDL
	DRAWN BY: BMB
	DESIGNED BY: SJL
	CHECKED BY: EPD
	PLOT FILE: p\OC190_I02.I
	SHEET 102 OF 178



NOTES:
1. CURVES NOT SHOWN ON SUPERELEVATION BANKING DIAGRAM SHEETS DO NOT NEED TO BE SUPERELEVATED.

SUPERELEVATION BANKING DIAGRAM SHEET 5	PROJECT NAME: MONTGOMERY-WESTFIELD	
	PROJECT NUMBER: STP 2906(I)	
	FILE NAME: p\OC190.dgn	PLOT DATE: 9/5/12
	PROJECT LEADER: CDL	DRAWN BY: BMB
DESIGNED BY: SJL		CHECKED BY: EPD
PLOT FILE: p\OC190_I03.I		SHEET 103 OF 178



NOTES:

L. CURVES NOT SHOWN ON SUPERELEVATION BANKING DIAGRAM SHEETS DO NOT NEED TO BE SUPERELEVATED.

**SUPERELEVATION
BANKING
DIAGRAM
SHEET 6**

PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(I)
FILE NAME: p10CI90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10CI90_I04.I
PLOT DATE: 9/5/12
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 104 OF 178

Element	Point	Station	Northing	Easting	Radius	Length	Delta /	Rotation	Maximum	Design
	Type						Theta	Direction	Banking	Speed
Tangent	POB	0+00.00	866592.821	1612410.951						
	PC	0+16.41	866603.871	1612423.082						
Arc	PC	0+16.41	866603.871	1612423.082	150	59.3	22°39'08.56"	Left	Match Existing	30
	PI	0+46.45	866624.102	1612445.293						
	CC		866714.764	1612322.074						
	PT	0+75.71	866651.327	1612458						
Tangent	PT	0+75.71	866651.327	1612458						
	PC	0+93.02	866667.008	1612465.318						
Arc	PC	0+93.02	866667.008	1612465.318	1400	561.36	22°58'26.47"	Left	Match Existing	30
	PI	3+77.52	866924.816	1612585.637						
	CC		867259.083	1611196.678						
	PT	6+54.38	867209.138	1612595.787						
Tangent	PT	6+54.38	867209.138	1612595.787						
	PC	8+53.79	867408.418	1612602.901						
Arc	PC	8+53.79	867408.418	1612602.901	320	198.6	35°33'31.81"	Right	NC	30
	PI	9+56.40	867510.967	1612606.561						
	CC		867397.002	1612922.697						
	PCC	10+52.38	867592.263	1612669.176						
Arc	PCC	10+52.38	867592.263	1612669.176	642	113.19	10°06'06.91"	Right	NC	30
	PI	11+09.13	867637.218	1612703.8						
	CC		867200.520	1613177.803						
	PT	11+65.58	867675.403	1612745.772						
Tangent	PT	11+65.58	867675.403	1612745.772						
	PC	13+34.73	867789.233	1612870.893						
Arc	PC	13+34.73	867789.233	1612870.893	3000	400.45	7°38'52.91"	Left	0.02	30
	PI	15+35.25	867924.174	1613019.218						
	CC		870008.311	1610852.058						
	PT	17+35.18	868077.655	1613148.265						
Tangent	PT	17+35.18	868077.655	1613148.265						
	PC	20+06.19	868285.089	1613322.676						
Arc	PC	20+06.19	868285.089	1613322.676	420	346.59	47°16'52.36"	Right	0.08	30
	PI	21+90.04	868425.806	1613440.992						
	CC		868014.797	1613644.145						
	PCC	23+52.78	868434.344	1613624.642						
Arc	PCC	23+52.78	868434.344	1613624.642	2000	227.45	6°30'56.96"	Right	0.08	40
	PI	24+66.63	868439.630	1613738.364						
	CC		866436.501	1613717.515						
	PT	25+80.23	868431.978	1613851.952						
Tangent	PT	25+80.23	868431.978	1613851.952						
	PC	27+08.58	868423.350	1613980.019						
Arc	PC	27+08.58	868423.350	1613980.019	2000	333.14	9°32'37.53"	Left	0.036	40
	PI	28+75.54	868412.127	1614146.598						
	CC		870418.826	1614114.456						
	PT	30+41.72	868428.679	1614312.732						
Tangent	PT	30+41.72	868428.679	1614312.732						
	PC	32+24.54	868446.803	1614494.645						
Arc	PC	32+24.54	868446.803	1614494.645	1200	242.53	11°34'48.60"	Right	0.053	40
	PI	33+46.22	868458.866	1614615.727						
	CC		867252.714	1614613.61						
	PT	34+67.07	868446.378	1614736.766						
Tangent	PT	34+67.07	868446.378	1614736.766						
	PC	35+59.21	868436.921	1614828.42						
Arc	PC	35+59.21	868436.921	1614828.42	1250	343.99	15°46'03.18"	Left	0.052	40
	PI	37+32.30	868419.157	1615000.597						
	CC		869680.321	1614956.707						
	PT	39+03.21	868448.848	1615171.122						
Tangent	PT	39+03.21	868448.848	1615171.122						
	PC	40+36.22	868471.664	1615302.163						
Arc	PC	40+36.22	868471.664	1615302.163	1300	276.93	12°12'19.72"	Left	0.05	40
	PI	41+75.21	868495.505	1615439.096						
	CC		869752.396	1615079.171						
	PT	43+13.15	868547.758	1615567.893						

	Point						Delta /	Rotation		Design
Element	Type	Station	Northing	Easting	Radius	Length	Theta	Direction	Maximum Banking	Speed
Tangent	PT	43+13.15	868547.758	1615567.893						
	PC	44+46.41	868597.854	1615691.372						
Arc	PC	44+46.41	868597.854	1615691.372	1825	676	21°13'22.26"	Right	0.042	40
	PI	47+88.32	868726.394	1616008.207						
	CC		866906.728	1616377.462						
	PT	51+22.40	868731.523	1616350.085						
Tangent	PT	51+22.40	868731.523	1616350.085						
	PC	52+27.51	868733.099	1616455.177						
Arc	PC	52+27.51	868733.099	1616455.177	1500	56.1	2°08'34.68"	Left	0.02	40
	PI	52+55.56	868733.520	1616483.229						
	CC		870232.931	1616432.675						
	PT	52+83.61	868734.990	1616511.245						
Tangent	PT	52+83.61	868734.990	1616511.245						
	PC	53+83.35	868740.214	1616610.851						
Arc	PC	53+83.35	868740.214	1616610.851	800	269.53	19°18'13.08"	Right	0.067	40
	PI	55+19.41	868747.341	1616746.718						
	CC		867941.313	1616652.755						
	PT	56+52.88	868709.152	1616877.303						
Tangent	PT	56+52.88	868709.152	1616877.303						
	PC	57+78.93	868673.771	1616998.288						
Arc	PC	57+78.93	868673.771	1616998.288	1600	259.65	9°17'52.38"	Left	0.043	40
	PI	59+09.04	868637.252	1617123.166						
	CC		870209.451	1617447.385						
	PT	60+38.58	868621.388	1617252.304						
Tangent	PT	60+38.58	868621.388	1617252.304						
	PC	61+22.46	868611.161	1617335.555						
Arc	PC	61+22.46	868611.161	1617335.555	1550	259.58	9°35'43.23"	Left	0.043	40
	PI	62+52.55	868595.300	1617464.678						
	CC		870149.597	1617524.54						
	PT	63+82.04	868601.183	1617594.639						
Tangent	PT	63+82.04	868601.183	1617594.639						
	PC	65+04.34	868606.714	1617716.815						
Arc	PC	65+04.34	868606.714	1617716.815	4000	85.75	1°13'41.75"	Left	0.02	40
	PI	65+47.21	868608.653	1617759.648						
	CC		872602.621	1617535.915						
	PT	65+90.09	868611.510	1617802.429						
Tangent	PT	65+90.09	868611.510	1617802.429						
	PC	66+88.83	868618.089	1617900.949						
Arc	PC	66+88.83	868618.089	1617900.949	1350	293.22	12°26'40.04"	Left	0.049	40
	PI	68+36.01	868627.896	1618047.809						
	CC		869965.089	1617811.001						
	PT	69+82.04	868669.119	1618189.105						
Tangent	PT	69+82.04	868669.119	1618189.105						
	PC	72+03.09	868731.031	1618401.309						
Arc	PC	72+03.09	868731.031	1618401.309	900	601.3	38°16'47.41"	Right	Match Existing	40
	PI	75+15.45	868818.515	1618701.164						
	CC		867867.051	1618653.379						
	PT	78+04.39	868701.428	1618990.744						
Tangent	PT	78+04.39	868701.428	1618990.744						
	PC	79+60.99	868642.728	1619135.923						
Arc	PC	79+60.99	868642.728	1619135.923	1100	419.23	21°50'12.16"	Left	Match Existing	50
	PI	81+73.18	868563.187	1619332.643						
	CC		869662.522	1619548.258						
	PT	83+80.22	868562.527	1619544.834						
Tangent	PT	83+80.22	868562.527	1619544.834						
	PC	86+16.45	868561.792	1619781.057						
Arc	PC	86+16.45	868561.792	1619781.057	1600	183.17	6°33'33.38"	Right	Match Existing	50
	PI	87+08.13	868561.507	1619872.741						
	CC		866961.800	1619776.078						
	PT	87+99.62	868550.750	1619963.793						

Element	Point	Station	Northing	Easting	Radius	Length	Delta / Theta	Rotation Direction	Maximum Banking	Design Speed
Tangent	PT	136+20.31	867993.650	1624691.223						
	PC	139+75.17	867932.596	1625040.793						
Arc	PC	139+75.17	867932.596	1625040.793	2800	170.96	3°29'53.90"	Left	0.039	50
	PI	140+60.68	867917.884	1625125.024						
	CC		870690.842	1625522.539						
	PT	141+46.13	867908.340	1625209.996						
Tangent	PT	141+46.13	867908.340	1625209.996						
	PC	142+73.22	867894.154	1625336.291						
Arc	PC	142+73.22	867894.154	1625336.291	2200	225.24	5°51'58.10"	Left	0.048	50
	PI	143+85.94	867881.571	1625448.307						
	CC		870080.405	1625581.861						
	PT	144+98.46	867880.504	1625561.022						
Tangent	PT	144+98.46	867880.504	1625561.022						
	PC	144+99.35	867880.495	1625561.912						
Arc	PC	144+99.35	867880.495	1625561.912	600	302.26	28°51'50.11"	Left	0.08	40
	PI	146+53.76	867879.033	1625716.316						
	CC		868480.468	1625567.596						
	PT	148+01.62	867952.287	1625852.244						
Tangent	PT	148+01.62	867952.287	1625852.244						
	PC	148+47.14	867973.882	1625892.315						
Arc	PC	148+47.14	867973.882	1625892.315	650	127.56	11°14'39.68"	Left	0.08	45
	PI	149+11.12	868004.239	1625948.643						
	CC		868546.079	1625583.946						
	PT	149+74.70	868044.996	1625997.97						
Tangent	PT	149+74.70	868044.996	1625997.97						
	PC	150+50.99	868093.593	1626056.785						
Arc	PC	150+50.99	868093.593	1626056.785	2100	550.54	15°01'14.97"	Right	0.049	50
	PI	153+27.85	868269.941	1626270.214						
	CC		866474.710	1627394.403						
	PT	156+01.54	868384.949	1626522.055						
Tangent	PT	156+01.54	868384.949	1626522.055						
	PC	158+41.33	868484.561	1626740.183						
Arc	PC	158+41.33	868484.561	1626740.183	1700	249.86	8°25'16.64"	Right	0.057	50
	PI	159+66.49	868536.552	1626854.031						
	CC		866938.178	1627446.369						
	PT	160+91.20	868571.309	1626974.266						
Tangent	PT	160+91.20	868571.309	1626974.266						
	PC	161+40.83	868585.093	1627021.947						
Arc	PC	161+40.83	868585.093	1627021.947	1155	151.95	7°32'16.52"	Right	0.072	50
	PI	162+16.92	868606.223	1627095.041						
	CC		867475.524	1627342.7						
	PCC	162+92.78	868617.581	1627170.275						
Arc	PCC	162+92.78	868617.581	1627170.275	480	217.62	25°58'33.51"	Right	0.072	35
	PI	164+03.49	868634.109	1627279.745						
	CC		868142.960	1627241.932						
	PT	165+10.40	868601.019	1627385.395						
Tangent	PT	165+10.40	868601.019	1627385.395						
	PC	165+93.71	868576.118	1627464.902						
Arc	PC	165+93.71	868576.118	1627464.902	480	268.33	32°01'48.25"	Left	0.076	35
	PI	167+31.49	868534.940	1627596.379						
	CC		869034.177	1627608.365						
	PT	168+62.05	868569.760	1627729.68						
Tangent	PT	168+62.05	868569.760	1627729.68						
	PC	171+64.65	868646.239	1628022.458						
Arc	PC	171+64.65	868646.239	1628022.458	5000	291.96	3°20'44.05"	Right	0.024	50
	PI	173+10.67	868683.144	1628163.736						
	CC		863808.566	1629286.149						
	PT	174+56.61	868711.741	1628306.928						
Tangent	PT	174+56.61	868711.741	1628306.928						
	PC	176+90.45	868757.538	1628536.241						

	Point						Delta /	Rotation	Maximum	Design
Element	Type	Station	Northing	Easting	Radius	Length	Theta	Direction	Banking	Speed
Arc	PC	176+90.45	868757.538	1628536.241	5000	235.99	2°42'15.14"	Left	0.024	50
	PI	178+08.46	868780.650	1628651.97						
	CC		873660.713	1627557.02						
	PT	179+26.43	868809.197	1628766.481						
Tangent	PT	179+26.43	868809.197	1628766.481						
	PC	181+25.84	868857.432	1628959.965						
Arc	PC	181+25.84	868857.432	1628959.965	5000	150.11	1°43'12.43"	Right	0.024	50
	PI	182+00.90	868875.588	1629032.796						
	CC		864005.916	1630169.426						
	PT	182+75.95	868891.550	1629106.139						
Tangent	PT	182+75.95	868891.550	1629106.139						
	PC	184+42.85	868927.043	1629269.221						
Arc	PC	184+42.85	868927.043	1629269.221	5000	142.35	1°37'52.43"	Right	0.024	50
	PI	185+14.03	868942.180	1629338.774						
	CC		864041.409	1630332.508						
	PT	185+85.20	868955.331	1629408.729						
Tangent	PT	185+85.20	868955.331	1629408.729						
	PC	189+94.81	869031.008	1629811.286						
Arc	PC	189+94.81	869031.008	1629811.286	560	334.18	34°11'27.98"	Left	0.08	40
	PI	191+67.04	869062.829	1629980.552						
	CC		869581.368	1629707.822						
	PT	193+28.99	869184.270	1630102.681						
Tangent	PT	193+28.99	869184.270	1630102.681						
	PC	199+82.82	869645.293	1630566.319						
Arc	PC	199+82.82	869645.293	1630566.319	2875	441.04	8°47'22.13"	Right	0.038	50
Arc	PI	A 1+24.53	869801.089	1630722.998						
Arc	CC		867606.622	1632593.495						
Back Station		200+79.25	869712.125	1630635.822						
Ahead Station		A 0+00.00								
Arc	PT	A 3+44.61	869931.114	1630901.643						
Tangent	PT	A 3+44.61	869931.114	1630901.643						
	PC	A 6+52.37	870112.219	1631150.47						
Arc	PC	A 6+52.37	870112.219	1631150.47	10000	120.26	0°41'20.44"	Right	NC	50
	PI	A 7+12.50	870147.603	1631199.085						
	CC		862027.030	1637035.172						
	PT	A 7+72.63	870182.400	1631248.122						
Tangent	PT	A 7+72.63	870182.400	1631248.122						
	PC	A 14+67.96	870584.794	1631815.194						
Arc	PC	A 14+67.96	870584.794	1631815.194	10000	65.46	0°22'30.17"	Left	NC	50
	PI	A 15+00.69	870603.735	1631841.886						
	CC		878740.164	1626028.144						
	PT	A 15+33.42	870622.850	1631868.454						
Tangent	PT	A 15+33.42	870622.850	1631868.454						
	PC	A 21+08.75	870958.862	1632335.469						
Arc	PC	A 21+08.75	870958.862	1632335.469	10000	37.04	0°12'43.97"	Right	NC	50
	PI	A 21+27.27	870969.677	1632350.502						
	CC		862841.548	1638175.779						
	PT	A 21+45.79	870980.437	1632365.574						
Tangent	PT	A 21+45.79	870980.437	1632365.574						
	PC	A 27+37.29	871324.112	1632846.991						
Arc	PC	A 27+37.29	871324.112	1632846.991	1550	521.82	19°17'21.33"	Left	0.06	50
	PI	A 30+00.70	871477.156	1633061.374						
	CC		872585.640	1631946.409						
	PT	A 32+59.12	871692.427	1633213.165						
Tangent	PT	A 32+59.12	871692.427	1633213.165						
	PC	A 39+89.62	872289.436	1633634.128						
Arc	PC	A 39+89.62	872289.436	1633634.128	10000	83.55	0°28'43.37"	Left	NC	50
	PI	A 40+31.39	872323.578	1633658.202						
	CC		878052.104	1625461.512						
	PT	A 40+73.17	872357.920	1633681.99						

Element	Point		Station	Northing	Easting	Radius	Length	Delta /		Rotation	Maximum Banking	Design Speed
	Type							Theta	Direction			
Arc	PC	A 107+18.60	877752.721	1637140.583								
	PI	A 108+85.69	877912.519	1637189.426								
	CC		877591.954	1637666.562								
	PT	A 110+43.04	878018.141	1637318.906								
Tangent	PT	A 110+43.04	878018.141	1637318.906								
	PC	A 115+14.88	878316.389	1637684.525								
Arc	PC	A 115+14.88	878316.389	1637684.525								
	PI	A 115+37.37	878330.605	1637701.952								
	CC		886065.238	1631363.501								
	PT	A 115+59.86	878344.899	1637719.314								
Tangent	PT	A 115+59.86	878344.899	1637719.314								
	PC	A 118+96.05	878558.580	1637978.871								
Arc	PC	A 118+96.05	878558.580	1637978.871								
	PI	A 119+70.89	878606.146	1638036.648								
	CC		877554.936	1638805.126								
	PT	A 120+45.56	878646.767	1638099.502								
Tangent	PT	A 120+45.56	878646.767	1638099.502								
	PC	A 124+90.88	878888.478	1638473.508								
Arc	PC	A 124+90.88	878888.478	1638473.508								
	PI	A 125+56.55	878924.126	1638528.668								
	CC		887287.176	1633045.63								
	PT	A 126+22.23	878960.496	1638583.355								
Tangent	PT	A 126+22.23	878960.496	1638583.355								
	PC	A 127+50.94	879031.772	1638690.527								
Arc	PC	A 127+50.94	879031.772	1638690.527								
	PI	A 128+77.17	879101.673	1638795.632								
	CC		877699.503	1639576.563								
	PT	A 130+02.87	879154.228	1638910.397								
Tangent	PT	A 130+02.87	879154.228	1638910.397								
	PC	A 132+14.34	879242.272	1639102.662								
Arc	PC	A 132+14.34	879242.272	1639102.662								
	PI	A 134+01.25	879320.095	1639272.607								
	CC		879724.149	1638881.995								
	PT	A 135+73.73	879487.311	1639356.134								
Tangent	PT	A 135+73.73	879487.311	1639356.134								
	POE	A 136+78.60	879581.127	1639402.996								

PC - POINT OF CURVATURE
PCC - POINT OF COMPOUND CURVE
PT - POINT OF TANGENCY
PI - POINT OF INTERSECTION
CC - RADIUS POINT

HORIZONTAL ALIGNMENT TABLE SHEET 3	PROJECT NAME: MONTGOMERY-WESTFIELD	
	PROJECT NUMBER: STP 2906(I)	
	FILE NAME: p\OC\90.dgn PROJECT LEADER: CDL DESIGNED BY: SJL PLOT FILE: p\OC\90_I07.I	PLOT DATE: 9/5/12 DRAWN BY: JMB CHECKED BY: CDL SHEET I07 OF 178

Element	Type	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Linear	POB	0+20.00	528.73	10	0.91%				
	PVC	0+30.00	528.82						
	PVI	0+30.00	528.82						
Symmetrical Parabola	PVI	0+50.00	529	40	0.91%	-0.10%	39.72	-0.05	1081.48
	POVC	0+50.00	528.95						
	VHIGH	0+66.22	528.98						
	PVT	0+70.00	528.98						
	PVT	0+70.00	528.98						
Linear	POVT	1+00.00	528.95	105	-0.10%				
	POVT	1+50.00	528.9						
	PVC	1+75.00	528.88						
Symmetrical Parabola	PVC	1+75.00	528.88	170	-0.10%	11.66%	14.47	2.5	
	VLOW	1+76.38	528.88						
	POVC	2+00.00	529.07						
	POVC	2+50.00	530.75						
	PVI	2+60.00	528.8						
	POVC	3+00.00	534.16						
	PVRC	3+45.00	538.71						
Symmetrical Parabola	PVRC	3+45.00	538.71	150	11.66%	1.33%	14.53	-1.94	179.54
	POVC	3+50.00	539.28						
	POVC	4+00.00	544.08						
	PVI	4+20.00	547.45						
	POVC	4+50.00	547.15						
	PVT	4+95.00	548.45						
	PVT	4+95.00	548.45						
Linear	POVT	5+00.00	548.52	70	1.33%				
	POVT	5+50.00	549.18						
	PVC	5+65.00	549.38						
Symmetrical Parabola	PVC	5+65.00	549.38	220	1.33%	12.96%	18.92	3.2	
	POVC	6+00.00	550.17						
	POVC	6+50.00	552.43						
	PVI	6+75.00	550.85						
	POVC	7+00.00	556						
	POVC	7+50.00	560.9						
	PVT	7+85.00	565.11						
Linear	PVT	7+85.00	565.11	110	12.96%				
	POVT	8+00.00	567.05						
	POVT	8+50.00	573.54						
	PVC	8+95.00	579.37						
	POVC	10+00.00	586.92						
	PVT	10+05.00	586.98						
	PVT	10+05.00	586.98						
Symmetrical Parabola	PVC	8+95.00	579.37	110	12.96%	0.88%	9.1	-1.66	144.28
	POVC	9+00.00	580						
	PVI	9+50.00	586.5						
	POVC	9+50.00	584.84						
	PVT	10+05.00	586.98						
Linear	POVT	10+50.00	587.38	170	0.88%				
	POVT	11+00.00	587.81						
	POVT	11+50.00	588.25						
	PVC	11+75.00	588.47						
	PVC	11+75.00	588.47						
Symmetrical Parabola	POVC	12+00.00	588.74	100	0.88%	2.43%	64.57	0.19	
	PVI	12+25.00	588.91						
	POVC	12+50.00	589.56						
	PVT	12+75.00	590.12						
	PVT	12+75.00	590.12						
Linear	POVT	13+00.00	590.73	40	2.43%				
	PVC	13+15.00	591.09						
	PVC	13+15.00	591.09						
Symmetrical Parabola	POVC	13+50.00	592.26	140	2.43%	9.77%	19.06	1.29	
	PVI	13+85.00	592.79						
	POVC	14+00.00	595.05						
	POVC	14+50.00	599.15						
	PVT	14+55.00	599.63						
	PVT	14+55.00	599.63						
	POVT	15+00.00	604.03						
Linear	POVT	15+50.00	608.91	155	9.77%				
	POVT	16+00.00	613.8						
	PVC	16+10.00	614.77						
	PVC	16+10.00	614.77						
	POVC	16+50.00	618.59						
Symmetrical Parabola	PVI	16+85.00	622.1	150	9.77%	8.02%	85.89	-0.33	692.9
	POVC	17+00.00	623.08						
	POVC	17+50.00	627.31						
	PVRC	17+60.00	628.12						
	PVRC	17+60.00	628.12						
Symmetrical Parabola	POVC	18+00.00	631.37	190	8.02%	8.99%	195.96	0.23	
	POVC	18+50.00	635.55						
	PVI	18+55.00	635.74						
	POVC	19+00.00	639.85						
	PVRC	19+50.00	644.28						
	PVRC	19+50.00	644.28						
	PVI	20+00.00	648.78						
Symmetrical Parabola	POVC	20+00.00	648.37	100	8.99%	5.67%	30.13	-0.41	375.14
	PVT	20+50.00	651.62						
	PVT	20+50.00	651.62						
Linear	POVT	21+00.00	654.45	62.5	5.67%				
	PVC	21+12.50	655.16						
	PVC	21+12.50	655.16						

Element	Type	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Symmetrical Parabola	PVC	21+12.50	655.16	315	5.67%	13.54%	40.03	3.1	
	POVC	21+50.00	657.47						
	POVC	22+00.00	661.08						
	POVC	22+50.00	665.33						
	PVI	22+70.00	664.1						
	POVC	23+00.00	670.19						
	POVC	23+50.00	675.68						
	POVC	24+00.00	681.8						
Linear	PVT	24+27.50	685.43	57.5	13.54%				
	PVT	24+27.50	685.43						
	POVT	24+50.00	688.48						
	PVC	24+85.00	693.22						
Symmetrical Parabola	PVC	24+85.00	693.22	270	13.54%	7.23%	42.75	-2.13	305.87
	POVC	25+00.00	695.22						
	POVC	25+50.00	701.53						
	POVC	26+00.00	707.24						
	PVI	26+20.00	711.5						
	POVC	26+50.00	712.38						
	POVC	27+00.00	716.93						
	POVC	27+50.00	720.89						
Symmetrical Parabola	PVRC	27+55.00	721.26	390	7.23%	8.65%	273.29	0.7	
	PVRC	27+55.00	721.26						
	POVC	28+00.00	724.55						
	POVC	28+50.00	728.29						
	POVC	29+00.00	732.12						
	POVC	29+50.00	736.05						
	PVI	29+50.00	735.35						
	POVC	30+00.00	740.08						
Linear	POVC	30+50.00	744.17	40	8.65%				
	POVC	31+00.00	748.37						
	PVT	31+45.00	752.23						
	PVT	31+45.00	752.23						
Symmetrical Parabola	POVT	31+50.00	752.66	340	8.65%	-0.39%	37.58	-3.85	284.8
	PVC	31+85.00	755.69						
	PVC	31+85.00	755.69						
	POVC	32+00.00	756.96						
	POVC	32+50.00	760.75						
	POVC	33+00.00	763.88						
	POVC	33+50.00	766.35						
	PVI	33+55.00	770.4						
Linear	POVC	34+00.00	768.14	92.5	-0.39%				
	POVC	34+50.00	769.28						
	POVC	35+00.00	769.75						
	VHIGH	35+10.24	769.76						
	PVT	35+25.00	769.73						
	PVT	35+25.00	769.73						
	POVT	35+50.00	769.63						
	POVT	36+00.00	769.44						
Symmetrical Parabola	PVC	36+17.50	769.37	315	-0.39%	2.14%	124.23	1	
	PVC	36+17.50	769.37						
	POVC	36+50.00	769.28						
	VLOW	36+66.30	769.27						
	POVC	37+00.00	769.32						
	POVC	37+50.00	769.55						
	PVI	37+75.00	768.75						
	POVC	38+00.00	769.99						
Linear	POVC	38+50.00	770.63	42.5	2.14%				
	POVC	39+00.00	771.47						
	PVT	39+32.50	772.13						
	PVT	39+32.50	772.13						
Symmetrical Parabola	POVT	39+50.00	772.5	160	2.14%	-1.61%	42.65	-0.75	367.65
	PVC	39+75.00	773.04						
	PVC	39+75.00	773.04						
	POVC	40+00.00	773.5						
Linear	POVC	40+50.00	773.96	10	-1.61%				
	PVI	40+55.00	774.75						
	VHIGH	40+66.39	774.01						
	POVC	41+00.00	773.88						
Symmetrical Parabola	PVT	41+35.00	773.46	50	-1.61%	-0.86%	66.53	0.05	
	PVT	41+35.00	773.46						
	PVC	41+45.00	773.3						
	PVC	41+45.00	773.3						
Linear	POVC	41+50.00	773.22	30	-0.86%				
	PVI	41+70.00	772.9						
	PVT	41+95.00	772.69						
	PVT	41+95.00	772.69						
Symmetrical Parabola	POVT	42+00.00	772.64	140	-1.44%				
	PVC	42+25.00	772.43						
	PVC	42+25.00	772.43						
	PVI	42+40.00	772.3						
Linear	POVC	42+50.00	772.15	300	-1.44%	3.54%	60.25	1.87	
	PVT	42+55.00	772.08						
	PVT	42+55.00	772.08						
	POVT	43+00.00	771.43						
Symmetrical Parabola	POVT	43+50.00	770.71						
	PVC	43+95.00	770.06						
	PVC	43+95.00	770.06						
	POVC	44+00.00	769.99						
	POVC	44+50.00	769.52						
	VLOW	44+81.92	769.44						
	POVC	45+00.00	769.46						
	PVI	45+45.00	767.9						
	POVC	45+50.00	769.82						
	POVC	46+00.00	770.59						
	POVC	46+50.00	771.78						
	PVT	46+95.00	773.21						

Element	Type	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Symmetrical Parabola	PVC	147+70.00	1112.14	100	7.43%	5.19%	44.78	-0.28	533.22
	PVC	147+70.00	1112.14						
	PVI	148+20.00	1115.85						
	POVC	148+00.00	1114.26						
	POVC	148+50.00	1117.36						
Linear	PVT	148+70.00	1118.45	135	5.19%				
	POVT	149+00.00	1120.01						
	POVT	149+50.00	1122.6						
	POVT	150+00.00	1125.2						
	PVC	150+05.00	1125.46						
Symmetrical Parabola	PVC	150+05.00	1125.46	300	5.19%	13.95%	34.28	3.28	
	POVC	150+50.00	1128.09						
	POVC	151+00.00	1131.71						
	POVC	151+50.00	1136.08						
	PVI	151+55.00	1133.25						
Linear	POVC	152+00.00	1141.13	50	13.95%				
	POVC	152+50.00	1146.94						
	POVC	153+00.00	1153.47						
	PVT	153+05.00	1154.17						
	PVT	153+05.00	1154.17						
Symmetrical Parabola	POVT	153+50.00	1160.44	150	13.95%	11.15%	53.69	-0.52	461.28
	PVC	153+55.00	1161.14						
	PVI	154+30.00	1171.6						
	POVC	154+00.00	1167.23						
	POVC	154+50.00	1173.55						
Symmetrical Parabola	POVC	155+00.00	1179.4	430	11.15%	0.52%	40.44	-5.72	295.42
	PVCC	155+05.00	1179.96						
	PVCC	155+05.00	1179.96						
	POVC	155+50.00	1184.73						
	POVC	156+00.00	1189.44						
Linear	POVC	156+50.00	1193.53	105	0.52%				
	POVC	157+00.00	1197.01						
	PVI	157+20.00	1203.94						
	POVC	157+50.00	1199.86						
	POVC	158+00.00	1202.1						
Symmetrical Parabola	POVC	158+50.00	1203.72	380	0.52%	12.76%	31.03	5.82	
	POVC	159+00.00	1204.72						
	PVT	159+35.00	1205.05						
	PVT	159+35.00	1205.05						
	PVC	160+00.00	1205.6						
Linear	PVC	160+40.00	1205.6	40	12.76%				
	POVC	160+50.00	1205.66						
	POVC	161+00.00	1208.49						
	POVC	161+50.00	1208.12						
	POVC	162+00.00	1210.55						
Symmetrical Parabola	PVI	162+30.00	1206.58	80	-0.44%	0.95%	57.71	0.14	
	POVC	162+50.00	1213.79						
	POVC	163+00.00	1217.83						
	POVC	163+50.00	1222.68						
	POVC	164+00.00	1228.34						
Linear	PVT	164+20.00	1230.83	40	12.76%				
	POVT	164+50.00	1234.66						
	PVC	164+60.00	1235.93						
	PVC	164+60.00	1235.93						
	POVC	165+00.00	1240.42						
Symmetrical Parabola	POVC	165+50.00	1244.27	170	12.76%	-0.44%	12.88	-2.8	166.73
	POVC	166+00.00	1246.19						
	PVI	165+45.00	1246.78						
	VHIGH	166+24.37	1246.42						
	PVT	166+30.00	1246.41						
Linear	PVT	166+30.00	1246.41	35	-0.44%				
	POVT	166+50.00	1246.32						
	PVC	166+65.00	1246.26						
	PVC	166+65.00	1246.26						
	VLOW	166+90.25	1246.2						
Symmetrical Parabola	POVC	167+00.00	1246.21	80	-0.44%	0.95%	57.71	0.14	
	PVI	167+05.00	1246.08						
	PVT	167+45.00	1246.46						
	PVT	167+45.00	1246.46						
	POVT	167+50.00	1246.51						
Linear	PVC	167+90.00	1246.89	45	0.95%				
	PVC	167+90.00	1246.89						
	POVC	168+00.00	1247						
	POVC	168+50.00	1247.98						
	POVC	169+00.00	1249.68						
Symmetrical Parabola	PVI	169+20.00	1248.12	260	0.95%	8.48%	34.54	2.45	
	POVC	169+50.00	1252.11						
	POVC	170+00.00	1255.26						
	PVT	170+50.00	1259.14						
	PVT	170+50.00	1259.14						
Linear	POVT	171+00.00	1263.38	112.5	8.48%				
	POVT	171+50.00	1267.62						
	PVC	171+62.50	1268.68						
	PVC	171+62.50	1268.68						
	POVC	172+00.00	1271.53						
Symmetrical Parabola	PVI	172+45.00	1275.67	165	8.48%	0.78%	21.44	-1.59	222.7
	POVC	172+50.00	1274.31						
	POVC	173+00.00	1275.92						
	PVT	173+27.50	1276.31						
	PVT	173+27.50	1276.31						

PVC - POINT OF VERTICAL CURVATURE
PVT - POINT OF VERTICAL TANGENCY
PVI - POINT OF VERTICAL INTERSECTION

POVT - POINT ON VERTICAL TANGENT
POVT - POINT ON VERTICAL CURVE

Element	Type	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Linear	PVT	173+27.50	1276.31	112.5	0.78%				
	POVT	173+50.00	1276.48						
	POVT	174+00.00	1276.88						
	PVC	174+40.00	1277.19						
Symmetrical Parabola	PVC	174+40.00	1277.19	100	0.78%	1.95%	85.16	0.15	
	POVC	174+50.00	1277.27						
	PVI	174+90.00	1277.58						
	POVC	175+00.00	1277.87						
Symmetrical Parabola	PVCC	175+40.00	1278.56	160	1.95%	5.81%	41.54	0.77	
	PVCC	175+40.00	1278.56						
	POVC	175+50.00	1278.76						
	POVC	176+00.00	1280.16						
Symmetrical Parabola	PVI	176+20.00	1280.12						
	POVC	176+50.00	1282.16						
	PVT	177+00.00	1284.76						
	PVT	177+00.00	1284.76						
Linear	PVT	177+00.00	1284.76	37.5	5.81%				
	PVC	177+37.50	1286.94						
	PVC	177+37.50	1286.94						
	POVC	177+50.00	1287.65						
Symmetrical Parabola	POVC	178+00.00	1290.1	125	5.81%	2.81%	41.78	-0.47	423.24
	PVI	178+00.00	1290.57						
	POVC	178+50.00	1291.96						
	PVT	178+62.50	1292.33						
Linear	PVT	178+62.50	1292.33	72.5	2.81%				
	POVT	179+00.00	1293.38						
	PVC	179+35.00	1294.37						
	PVC	179+35.00	1294.37						
Symmetrical Parabola	POVC	179+50.00	1294.79	300	2.81%	2.56%	1196.09	-0.09	4452.55
	POVC	180+00.00	1296.18						
	POVC	180+50.00	1297.55						
	PVI	180+85.00	1298.59						
	POVC	181+00.00	1298.9						
	POVC	181+50.00	1300.23						
	POVC	182+00.00	1301.53						
	PVT	182+35.00	1302.43						
Linear	PVT	182+35.00	1302.43	210	2.56%				
	POVT	182+50.00	1302.82						
	POVT	183+00.00	1304.1						
	POVT	183+50.00	1305.38						
	POVT	184+00.00	1306.66						
	PVC	184+45.00	1307.82						
Symmetrical Parabola	PVC	184+45.00	1307.82	150	2.56%	3.22%	227.4	0.12	
	PVI	185+20.00	1309.74						
	POVC	184+50.00	1307.95						
	POVC	185+00.00	1309.29						
	POVC	185+50.00	1310.75						
	PVT	185+95.00	1312.16						
Linear	PVT	185+95.00	1312.16	65	3.22%				
	POVT	186+00.00	1312.32						
	POVT	186+50.00	1313.93						
	PVC	186+60.00	1314.25						
Symmetrical Parabola	PVC	186+60.00	1314.25	70	3.22%	2.37%	82.05	-0.07	1299.89
	PVI	186+95.00	1315.38						
	POVC	187+00.00	1315.44						
	PVT	187+30.00	1316.21						
Linear	PVT	187+30.00	1316.21	67.5	2.37%				
	POVT	187+50.00	1316.68						
	PVC	187+97.50	1317.81						
	PVC	187+97.50	1317.81						
Symmetrical Parabola	POVC	188+00.00	1317.87	125	2.37%	3.75%	90.72	0.22	
	POVC	188+50.00	1319.2						
	PVI	188+80.00	1319.29						
	POVC	189+00.00	1320.82						
	PVT	189+22.50	1321.63						
	PVT	189+22.50	1321.63						
Linear	POVT	189+50.00	1322.66	77.5	3.75%				
	PVC	190+00.00	1324.54						
	PVC	190+00.00	1324.54						
Symmetrical Parabola	POVC	190+50.00	1326.35	140	3.75%	3.06%	202.76	-0.12	1632.91
	PVI	190+70.00	1327.16						
	POVC	191+00.00	1328.04						
	PVRC	191+40.00	1329.3						
Symmetrical Parabola	PVRC	191+40.00	1328.3	70	3.06%	5.07%	34.77	0.18	
	POVC	191+50.00	1329.62						
	PVI	191+75.00	1330.37						
	POVC	192+00.00	1331.65						
Linear	PVT	192+10.00	1332.14	105	5.07%				
	PVT	192+10.00	1332.14						
	POVT	192+50.00	1334.17						
	POVT	193+00.00	1336.71						
	PVC	193+15.00	1337.47						
Symmetrical Parabola	PVC	193+15.00	1337.47	60	5.07%	5.39%	186.33	0.02	
	PVI	193+45.00	1338.99						
	POVC	193+50.00	1339.28						
	PVT	193+75.00	1340.61						
Linear	PVT	193+75.00	1340.61	60	5.39%				
	POVT	194+00.00	1341.96						
	PVC	194+35.00	1343.84						
	PVC	194+35.00	1343.84						
Symmetrical Parabola	POVC	194+50.00	1344.64	90	5.39%	4.56%	108.48	-0.09	1345.76
	PVI	194+80.00	1346.27						
	POVC	195+00.00	1347.15						
	PVT	195+25.00	1348.32						
Linear	PVT	195+25.00	1348.32	40	4.56%				
	POVT	195+50.00	1349.46						
	PVC	195+65.00	1350.15						

Element	Type	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Symmetrical Parabola	PVC	A 14+50.00	1440.58	150	4.56%	5.12%	266.67	0.11	
	POVC	A 15+00.00	1442.91						
	PVI	A 15+25.00	1444						
	POVC	A 16+50.00	1445.33						
	PVT	A 16+00.00	1447.84						
Linear	PVT	A 16+00.00	1447.84	95	5.12%				
	POVT	A 16+50.00	1450.4						
	PVC	A 16+95.00	1452.71						
Symmetrical Parabola	PVC	A 16+95.00	1452.71	140	5.12%	2.57%	54.89	-0.45	493.09
	POVC	A 17+00.00	1452.98						
	POVC	A 17+50.00	1455.25						
	PVI	A 17+65.00	1456.29						
	POVC	A 18+00.00	1457.08						
Linear	PVT	A 18+35.00	1458.09	100	2.57%				
	PVT	A 18+35.00	1458.09						
	POVT	A 18+50.00	1458.47						
	POVT	A 19+00.00	1459.76						
	PVC	A 19+35.00	1460.66						
Symmetrical Parabola	PVC	A 19+35.00	1460.66	130	2.57%	3.68%	116.67	0.18	
	POVC	A 19+50.00	1461.05						
	POVC	A 20+00.00	1462.51						
	PVI	A 20+00.00	1462.33						
	POVC	A 20+50.00	1464.18						
Linear	PVT	A 20+65.00	1464.72	110	3.68%				
	PVT	A 20+65.00	1464.72						
	POVT	A 21+00.00	1466.01						
	POVT	A 21+50.00	1467.86						
	PVC	A 21+75.00	1468.78						
Symmetrical Parabola	PVC	A 21+75.00	1468.78	100	3.68%	2.63%	94.39	-0.13	1058.6
	POVC	A 22+00.00	1469.67						
	PVI	A 22+25.00	1470.62						
	POVC	A 22+50.00	1471.24						
	PVT	A 22+75.00	1471.93						
Linear	PVT	A 22+75.00	1471.93	30	2.63%				
	POVT	A 23+00.00	1472.58						
	PVC	A 23+05.00	1472.72						
Symmetrical Parabola	PVC	A 23+05.00	1472.72	80	2.63%	3.45%	97.38	0.08	
	PVI	A 23+45.00	1473.77						
	POVC	A 23+50.00	1474.01						
Linear	PVT	A 23+85.00	1475.15	105	3.45%				
	PVT	A 23+85.00	1475.15						
	POVT	A 24+00.00	1475.67						
	POVT	A 24+50.00	1477.39						
	PVC	A 24+90.00	1478.77						
Symmetrical Parabola	PVC	A 24+90.00	1478.77	140	3.45%	5.01%	89.44	0.27	
	POVC	A 25+00.00	1479.12						
	POVC	A 25+50.00	1481.04						
	PVI	A 25+60.00	1481.15						
	POVC	A 26+00.00	1483.24						
Linear	PVT	A 26+30.00	1484.69	37.5	5.01%				
	PVT	A 26+30.00	1484.69						
	POVT	A 26+50.00	1485.69						
	PVC	A 26+67.50	1486.57						
	PVC	A 26+67.50	1486.57						
Symmetrical Parabola	POVC	A 27+00.00	1488.11	125	5.01%	2.93%	60.12	-0.32	581.49
	PVI	A 27+30.00	1489.7						
	POVC	A 27+50.00	1490.14						
Linear	PVT	A 27+92.50	1491.53	247.5	2.93%				
	PVT	A 27+92.50	1491.53						
	POVT	A 28+00.00	1491.75						
	POVT	A 28+50.00	1493.22						
	POVT	A 29+00.00	1494.69						
Symmetrical Parabola	POVT	A 29+50.00	1496.15	120	2.93%	2.81%	945.8	-0.02	8565.49
	POVT	A 30+00.00	1497.62						
	PVC	A 30+40.00	1498.79						
	PVC	A 30+40.00	1498.79						
	POVC	A 30+50.00	1499.08						
Linear	POVC	A 31+00.00	1500.53	250	2.81%				
	PVI	A 31+00.00	1500.55						
	POVC	A 31+50.00	1501.95						
	PVT	A 31+60.00	1502.23						
	PVT	A 31+60.00	1502.23						
Symmetrical Parabola	POVT	A 32+00.00	1503.36	250	2.81%				
	POVT	A 32+50.00	1504.76						
	POVT	A 33+00.00	1506.16						
	POVT	A 33+50.00	1507.56						
	POVT	A 34+00.00	1508.97						
Symmetrical Parabola	PVC	A 34+10.00	1509.25	100	2.81%	2.20%	166.02	-0.08	1841.63
	PVC	A 34+10.00	1509.25						
	POVC	A 34+50.00	1510.32						
	PVI	A 34+60.00	1510.65						
	POVC	A 35+00.00	1511.53						
Linear	PVT	A 35+10.00	1511.75	122.5	2.20%				
	PVT	A 35+10.00	1511.75						
	POVT	A 35+50.00	1512.63						
	POVT	A 36+00.00	1513.73						
	PVC	A 36+32.50	1514.45						
Symmetrical Parabola	PVC	A 36+32.50	1514.45	275	2.20%	4.50%	119.52	0.79	
	POVC	A 36+50.00	1514.85						
	POVC	A 37+00.00	1516.13						
	POVC	A 37+50.00	1517.62						
	PVI	A 37+70.00	1517.48						
Symmetrical Parabola	POVC	A 38+00.00	1519.31						
	POVC	A 38+50.00	1521.22						
	POVC	A 39+00.00	1523.34						
	PVT	A 39+07.50	1523.67						
	PVT	A 39+07.50	1523.67						

PVC - POINT OF VERTICAL CURVATURE

PVT - POINT OF VERTICAL TANGENCY

PVI - POINT OF VERTICAL INTERSECTION

POVT - POINT ON VERTICAL TANGENT

POVT - POINT ON VERTICAL CURVE

Element	Type	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Linear	PVT	A 39+07.50	1523.67	167.5	4.50%				
	POVT	A 39+50.00	1525.59						
	POVT	A 40+00.00	1527.84						
	POVT	A 40+50.00	1530.09						
	PVC	A 40+75.00	1531.22						
Symmetrical Parabola	PVC	A 40+75.00	1531.22	350	4.50%	6.49%	176.35	0.87	
	POVC	A 41+00.00	1532.36						
	POVC	A 41+50.00	1534.76						
	POVC	A 42+00.00	1537.29						
	POVC	A 42+50.00	1539.97						
	PVI	A 42+50.00	1539.1						
	POVC	A 43+00.00	1542.79						
	POVC	A 43+50.00	1545.75						
	POVC	A 44+00.00	1548.85						
Linear	PVT	A 44+25.00	1550.46	90	6.49%				
	PVT	A 44+25.00	1550.46						
	POVT	A 44+50.00	1552.08						
	POVT	A 45+00.00	1555.32						
Symmetrical Parabola	PVC	A 45+15.00	1556.3	100	6.49%	3.12%	29.68	-0.42	370.33
	PVC	A 45+15.00	1556.3						
	POVC	A 45+50.00	1558.36						
	PVI	A 46+65.00	1559.54						
	POVC	A 46+00.00	1560.59						
Linear	PVT	A 46+15.00	1561.1	207.5	3.12%				
	PVT	A 46+15.00	1561.1						
	POVT	A 46+50.00	1562.19						
	POVT	A 47+00.00	1563.75						
	POVT	A 47+50.00	1565.31						
Symmetrical Parabola	POVT	A 48+00.00	1566.87	235	3.12%	0.98%	109.91	-0.63	622.2
	PVC	A 48+22.50	1567.57						
	PVC	A 48+22.50	1567.57						
	POVC	A 48+50.00	1568.4						
	POVC	A 49+00.00	1569.72						
	PVI	A 49+40.00	1571.24						
	POVC	A 49+50.00	1570.81						
	POVC	A 50+00.00	1571.68						
	POVC	A 50+50.00	1572.32						
Linear	PVT	A 50+57.50	1572.39	47.5	0.98%				
	PVT	A 50+57.50	1572.39						
	POVT	A 51+00.00	1572.81						
Symmetrical Parabola	PVC	A 51+05.00	1572.86	110	0.98%	2.70%	63.9	0.24	
	PVC	A 51+05.00	1572.86						
	POVC	A 51+50.00	1573.46						
	PVI	A 51+60.00	1573.4						
	POVC	A 52+00.00	1574.5						
Symmetrical Parabola	PVRC	A 52+15.00	1574.89	200	2.70%	-1.23%	50.79	-0.98	374.03
	PVRC	A 52+15.00	1574.89						
	POVC	A 52+50.00	1575.71						
	POVC	A 53+00.00	1576.47						
	PVI	A 53+15.00	1577.59						
	VHIGH	A 53+52.29	1576.74						
	POVC	A 53+50.00	1576.74						
	POVC	A 54+00.00	1576.52						
	PVT	A 54+15.00	1576.36						
Linear	PVT	A 54+15.00	1576.36	55	-1.23%				
	POVT	A 54+50.00	1575.92						
	PVC	A 54+70.00	1575.68						
Symmetrical Parabola	PVC	A 54+70.00	1575.68	150	-1.23%	2.05%	45.69	0.62	
	POVC	A 55+00.00	1575.4						
	VLOW	A 55+28.41	1575.33						
	PVI	A 55+45.00	1574.75						
	POVC	A 55+50.00	1575.39						
Linear	POVC	A 56+00.00	1575.92	185	2.05%				
	PVT	A 56+20.00	1576.29						
	PVT	A 56+20.00	1576.29						
	POVT	A 56+50.00	1576.9						
	POVT	A 57+00.00	1577.93						
Symmetrical Parabola	POVT	A 57+50.00	1578.95	100	2.05%	3.14%	91.91	0.14	
	POVT	A 58+00.00	1579.97						
	PVC	A 58+05.00	1580.08						
	PVC	A 58+05.00	1580.08						
	POVC	A 58+50.00	1581.11						
Linear	PVI	A 58+55.00	1581.1	45	3.14%				
	POVC	A 59+00.00	1582.51						
	PVT	A 59+05.00	1582.67						
	PVT	A 59+05.00	1582.67						
Symmetrical Parabola	PVC	A 59+50.00	1584.08	250	3.14%	1.95%	212.89	-0.37	1043.98
	PVC	A 59+50.00	1584.08						
	POVC	A 60+00.00	1585.59						
	POVC	A 60+50.00	1586.98						
	PVI	A 60+75.00	1588						
Linear	POVC	A 61+00.00	1588.26	80	1.96%				
	POVC	A 61+50.00	1589.41						
	PVT	A 62+00.00	1590.45						
	PVT	A 62+00.00	1590.45						
Symmetrical Parabola	PVT	A 62+00.00	1590.45	170	1.96%	6.93%	34.2	1.06	
	PVT	A 62+00.00	1590.45						
	POVC	A 63+00.00	1592.47						
	POVC	A 63+50.00	1594.11						
	PVI	A 63+65.00	1593.69						
Symmetrical Parabola	POVC	A 64+00.00	1596.48	115	6.93%	9.35%	47.62	0.35	
	PVCC	A 64+50.00	1599.58						
	PVCC	A 64+50.00	1599.58						
	POVC	A 65+00.00	1603.31						
	PVI	A 65+07.50	1603.57						
Symmetrical Parabola	POVC	A 65+50.00	1607.57						
	PVRC	A 65+65.00	1608.95						

Element	Type	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Linear	PVT	A 90+50.00	1771.89	125	4.73%				
	POVT	A 91+00.00	1774.05						
	POVT	A 91+50.00	1776.42						
	PVC	A 91+75.00	1777.61						
Symmetrical Parabola	PVC	A 91+75.00	1777.61	270	4.73%	11.96%	37.39	2.44	
	POVC	A 92+00.00	1778.88						
	POVC	A 92+50.00	1781.91						
	POVC	A 93+00.00	1785.62						
	PVI	A 93+10.00	1784						
	POVC	A 93+50.00	1789.99						
	POVC	A 94+00.00	1785.03						
	PVT	A 94+45.00	1800.14						
Linear	PVT	A 94+45.00	1800.14	60	11.96%				
	POVT	A 94+50.00	1800.74						
	POVT	A 95+00.00	1806.72						
	PVC	A 95+05.00	1807.31						
Symmetrical Parabola	PVC	A 95+05.00	1807.31	60	11.96%	12.54%	102.16	0.04	
	PVI	A 95+35.00	1810.9						
	POVC	A 95+50.00	1812.79						
	PVT	A 95+65.00	1814.66						
Linear	PVT	A 95+65.00	1814.66	45	12.54%				
	POVT	A 96+00.00	1819.05						
	PVC	A 96+10.00	1820.31						
	PVC	A 96+10.00	1820.31						
Symmetrical Parabola	PVC	A 96+10.00	1820.31	200	12.54%	3.19%	21.37	-2.34	215.32
	POVC	A 96+50.00	1824.95						
	POVC	A 97+00.00	1829.7						
	PVI	A 97+10.00	1832.85						
	POVC	A 97+50.00	1833.28						
	POVC	A 98+00.00	1835.69						
	PVT	A 98+10.00	1836.04						
	PVT	A 98+10.00	1836.04						
Linear	PVT	A 98+10.00	1836.04	135	3.19%				
	POVT	A 98+50.00	1837.31						
	POVT	A 99+00.00	1838.9						
	PVC	A 99+45.00	1840.33						
Symmetrical Parabola	PVC	A 99+45.00	1840.33	200	3.19%	6.47%	60.8	0.82	
	POVC	A 99+50.00	1840.5						
	POVC	A 100+00.00	1842.34						
	PVI	A 100+45.00	1843.52						
	POVC	A 100+50.00	1844.59						
	POVC	A 101+00.00	1847.25						
	PVT	A 101+45.00	1849.99						
	PVT	A 101+45.00	1849.99						
Linear	PVT	A 101+45.00	1849.99	200	6.47%				
	POVT	A 101+50.00	1850.32						
	POVT	A 102+00.00	1853.56						
	POVT	A 102+50.00	1856.79						
	POVT	A 103+00.00	1860.03						
	PVC	A 103+45.00	1862.94						
	PVC	A 103+45.00	1862.94						
	POVC	A 103+50.00	1863.27						
Symmetrical Parabola	POVC	A 104+00.00	1866.56	150	6.47%	7.01%	278.69	0.1	
	PVI	A 104+20.00	1867.8						
	POVC	A 104+50.00	1869.94						
	PVT	A 104+95.00	1873.05						
Linear	PVT	A 104+95.00	1873.05	55	7.01%				
	POVT	A 105+00.00	1873.41						
	PVC	A 105+50.00	1876.92						
	PVC	A 105+50.00	1876.92						
Symmetrical Parabola	PVI	A 105+75.00	1878.67	50	7.01%	6.53%	104.26	-0.03	2275.25
	PVRC	A 106+00.00	1880.3						
	PVRC	A 106+00.00	1880.3						
	POVC	A 106+50.00	1883.76						
Symmetrical Parabola	PVI	A 106+65.00	1884.55	130	6.53%	8.48%	66.91	0.32	
	POVC	A 107+00.00	1887.58						
	PVT	A 107+30.00	1890.06						
	PVT	A 107+30.00	1890.06						
Linear	PVT	A 107+30.00	1890.06	95	8.48%				
	POVT	A 107+50.00	1891.75						
	POVT	A 108+00.00	1895.99						
	PVC	A 108+25.00	1898.11						
Symmetrical Parabola	PVC	A 108+25.00	1898.11	100	8.48%	8.25%	442.11	-0.03	4820.98
	POVC	A 108+50.00	1900.22						
	PVI	A 108+75.00	1902.35						
	POVC	A 109+00.00	1904.41						
Linear	PVT	A 109+25.00	1906.48	125	8.25%				
	POVT	A 109+50.00	1906.54						
	POVT	A 110+00.00	1912.66						
	PVC	A 110+50.00	1916.79						
	PVC	A 110+50.00	1916.79						
	PVI	A 110+95.00	1920.5						
	POVC	A 111+00.00	1921.03						
	PVRC	A 111+40.00	1924.59						
Symmetrical Parabola	PVRC	A 111+40.00	1924.59	100	9.09%	8.63%	214.79	-0.06	2367.91
	POVC	A 111+50.00	1925.5						
	PVI	A 111+90.00	1929.14						
	POVC	A 112+00.00	1929.97						
	PVT	A 112+40.00	1933.45						
	PVT	A 112+40.00	1933.45						
Linear	PVT	A 112+40.00	1933.45	35	8.63%				
	POVT	A 112+50.00	1934.32						
	PVC	A 112+75.00	1936.47						
	PVC	A 112+75.00	1936.47						
Symmetrical Parabola	POVC	A 113+00.00	1938.67	310	8.63%	12.72%	75.84	1.58	
	POVC	A 113+50.00	1943.32						
	POVC	A 114+00.00	1948.29						
	PVI	A 114+30.00	1949.85						
	POVC	A 114+50.00	1953.6						
	POVC	A 115+00.00	1959.23						
	POVC	A 115+50.00	1965.19						
	PVT	A 115+85.00	1969.56						
	PVT	A 115+85.00	1969.56						
	PVT	A 115+85.00	1969.56						

Element	Type	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Element: Linear	PVT	A 115+85.00	1969.56	80	12.72%				
	POVT	A 116+00.00	1971.47						
	POVT	A 116+50.00	1977.83						
	PVC	A 116+65.00	1979.73						
Element: Symmetrical Parabola	PVC	A 116+65.00	1979.73	60	12.72%	11.93%	75.93	-0.06	1395.75
	PVI	A 116+95.00	1983.55						
	POVC	A 117+00.00	1984.11						
	PVT	A 117+25.00	1987.13						
Element: Linear	PVT	A 117+25.00	1987.13	125	11.93%				
	POVT	A 117+50.00	1990.11						
	POVT	A 118+00.00	1996.07						
	PVC	A 118+50.00	2002.04						
Element: Symmetrical Parabola	PVC	A 118+50.00	2002.04	100	11.93%	13.41%	67.54	0.19	
	PVI	A 119+00.00	2008.19						
	POVC	A 119+00.00	2008.19						
	PVT	A 119+50.00	2014.7						
Element: Linear	PVT	A 119+50.00	2014.7	35	13.41%				
	PVC	A 119+85.00	2019.4						
Element: Symmetrical Parabola	PVC	A 119+85.00	2019.4	100	13.41%	11.89%	65.94	-0.19	761.61
	POVC	A 120+00.00	2021.39						
	PVI	A 120+35.00	2026.1						
	POVC	A 120+50.00	2027.79						
Element: Symmetrical Parabola	PVRC	A 120+85.00	2032.05	120	11.89%	13.50%	74.65	0.24	
	PVRC	A 120+85.00	2032.05						
	POVC	A 121+00.00	2033.84						
	PVI	A 121+45.00	2039.18						
Element: Linear	POVC	A 121+50.00	2040.06	130	13.50%				
	POVC	A 121+50.00	2040.06						
	POVC	A 122+00.00	2046.61						
	PVT	A 122+05.00	2047.28						
Element: Linear	PVT	A 122+05.00	2047.28	130	13.50%				
	POVT	A 122+50.00	2053.35						
	POVT	A 123+00.00	2060.1						
	PVC	A 123+35.00	2064.83						
Element: Symmetrical Parabola	PVC	A 123+35.00	2064.83	230	13.50%	10.94%	89.84	-0.74	536.54
	POVC	A 123+50.00	2066.84						
	POVC	A 124+00.00	2073.37						
	POVC	A 124+50.00	2079.61						
Element: Linear	PVI	A 124+50.00	2080.35	330	10.94%				
	POVC	A 125+00.00	2085.58						
	POVC	A 125+50.00	2091.28						
	PVT	A 125+65.00	2092.93						
Element: Linear	PVT	A 125+65.00	2092.93	180	10.94%	12.02%	166.89	0.24	
	POVT	A 126+00.00	2096.76						
	POVT	A 126+50.00	2102.23						
	POVT	A 127+00.00	2107.7						
Element: Symmetrical Parabola	POVT	A 127+50.00	2113.16	150	12.02%	13.96%	77.32	0.36	
	POVT	A 128+00.00	2118.63						
	POVT	A 128+50.00	2124.1						
	PVC	A 128+95.00	2129.03						
Element: Symmetrical Parabola	PVC	A 128+95.00	2129.03	150	12.02%	13.96%	77.32	0.36	
	POVC	A 129+00.00	2129.57						
	POVC	A 129+50.00	2135.13						
	PVI	A 129+85.00	2138.87						
Element: Linear	POVC	A 130+00.00	2140.84	150	12.02%	13.96%	77.32	0.36	
	POVC	A 130+50.00	2146.7						
	PVCC	A 130+75.00	2148.69						
	PVCC	A 130+75.00	2149.69						
Element: Symmetrical Parabola	POVC	A 131+00.00	2152.73	150	12.02%	13.96%	77.32	0.36	
	POVC	A 131+50.00	2159.06						
	PVI	A 131+50.00	2158.7						
	POVC	A 132+00.00	2165.72						
Element: Linear	PVT	A 132+25.00	2169.17	150	13.96%				
	PVT	A 132+25.00	2169.17						
	POVT	A 132+50.00	2172.86						
	POVT	A 133+00.00	2179.64						
Element: Symmetrical Parabola	POVT	A 133+50.00	2186.62	220	13.96%	2.35%	18.96	-3.19	202.28
	PVC	A 133+75.00	2190.11						
	PVC	A 133+75.00	2190.11						
	POVC	A 134+00.00	2193.43						
Element: Linear	POVC	A 134+50.00	2199.09	60.6	2.35%				
	PVI	A 134+85.00	2205.46						
	POVC	A 134+85.00	2205.46						
	POVC	A 135+50.00	2206.46						
Element: Linear	PVT	A 135+95.00	2208.05	60.6	2.35%				
	PVT	A 135+95.00	2208.05						
	POVT	A 136+00.00	2208.17						
	POVT	A 136+50.00	2209.34						
Element: Linear	POE	A 136+55.60	2209.48	60.6	2.35%				



STATE OF VERMONT
AGENCY OF TRANSPORTATION
MATERIALS & RESEARCH SECTION
SOILS & FOUNDATION UNIT
DRILLING NOTES

PROJECT NAME: MONTGOMERY-WESTFIELD	PROJECT NUMBER: STP 2906 (1)	SITE: VT-242	DATE: 10/2010
BORING CREW: WERNER, PORTER, GARROW, HOLT	TESTED BY: J. TOUCHETTE	REVIEWED BY: N. MELTZER	

BORING No.	DATE DRILLED	MILE MARKER	OFFSET (FT)	DEPTH (FT)	SAMPLE TYPE	FIELD DESCRIPTION	LABORATORY RESULTS							
						SOIL TYPE, COLOR, MOISTURE	% MOISTURE	AASHTO CLASS.	SOIL DES.	% GRAVEL	% SAND	% FINES	LIQUID LIMIT	PLASTIC LIMIT
B-101	09/29/10	M0.01	6.0 RT	0.0 – 0.55	C	Asphalt Pavement								
				0.55 – 1.7	A	Gr Sa, brn, moist	5.0	A-1-a	Sa Gr	62.3	30.3	7.4		
				1.6 – 5.0	A	Si Sa, brn, moist	11.7	A-2-4	Si Sa	11.3	57.7	30.9		
				NLTD										
B-102	09/29/10	M0.2	6.0 LT	0.0 – 0.70	C	Asphalt Pavement								
				0.70 – 1.7	A	Gr Si Sa, brn, moist	6.7	A-1-a	Sa Gr	62.0	28.5	9.5		
				1.7 – 5.0	A	Si Sa, brn, moist	11.1	A-4	Gr Si Sa	20.1	43.2	36.6		
				NLTD										
B-103	09/29/10	M0.4	6.0 RT	0.0 – 0.7	C	Asphalt Pavement								
				0.7 – 1.7	A	Gr Sa, brn, moist	7.5	A-1-a	Sa Gr	50.9	34.7	14.3		
				1.7 – 5.0	A	Si Sa, brn, moist	13.0	A-2-4	Gr Sa	22.3	60.0	17.7		
				NLTD		*Driller noted easy drilling from 3'-5'								
Cont.														

MONTGOMERY-WESTFIELD STP 2906 (1)

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BORING No.	DATE DRILLED	MILE MARKER	OFFSET (FT)	DEPTH (FT)	SAMPLE TYPE	FIELD DESCRIPTION	LABORATORY RESULTS							
						SOIL TYPE, COLOR, MOISTURE	% MOISTURE	AASHTO CLASS.	SOIL DES.	% GRAVEL	% SAND	% FINES	LIQUID LIMIT	PLASTIC LIMIT
B-104	09/29/10	M0.6	6.5 LT	0.0 – 0.75	C	Asphalt Pavement								
				0.75 – 2.1	A	Gr Sa, brn, moist	8.3	A-1-b	Sa Gr	52.2	33.6	14.1		
				2.1 – 5.0	A	Si Sa, brn, moist	15.4	A-2-4	Gr Si Sa	28.6	42.5	28.9		
				NLTD		*Driller noted easy drilling from 4'-5'								
B-105	09/29/10	M0.8	5.5 RT	0.0 – 0.8	C	Asphalt Pavement								
				0.7 – 1.5	A	Gr Sa, brn, moist	11.4	A-1-b	Sa Gr	49.2	33.9	16.9		
				1.5 – 5.0	A	Si Sa, brn, moist	18.5	A-2-4	Gr Si Sa	26.5	41.5	32.0		
				NLTD		*Driller noted easy drilling								
B-106	10/8/10	M1.0	7.5 LT	0.0 – 0.85	C	Asphalt Pavement								
				0.85 – 1.7	A	Gr Sa, brn, moist	6.3	A-1-a	Sa Gr	59.7	29.0	11.2		
				1.7 – 5.0	A	Sa Si, brn, moist	23.2	A-4	Gr Sa Si	23.7	35.6	40.7		
				NLTD		*Driller noted very soft from 2'-5'								
B-107	10/8/10	M1.2	6.5 RT	0.0 – 1.2	C	Asphalt Pavement								
				1.2 – 2.2	A	Gr Sa, brn, moist	8.7	A-1-a	Sa Gr	53.5	36.3	10.2		
				2.2 – 5.0	A	Sa Si, brn, moist	23.3	A-2-4	Si Gr Sa	31.3	39.4	29.2		
				NLTD										
Cont.														

NOTE: SEE PROJECT LAYOUT SHEETS FOR THE LOCATION OF BORE HOLES

MONTGOMERY-WESTFIELD STP 2906 (1)

Page 3 of 9

BORING No.	DATE DRILLED	MILE MARKER	OFFSET (FT)	DEPTH (FT)	SAMPLE TYPE	FIELD DESCRIPTION	LABORATORY RESULTS							
						SOIL TYPE, COLOR, MOISTURE	% MOISTURE	AASHTO CLASS.	SOIL DES.	% GRAVEL	% SAND	% FINES	LIQUID LIMIT	PLASTIC LIMIT
B-108	10/8/10	M1.4	6.0 LT	0.0 – 0.5	C	Asphalt Pavement								
				0.5 – 1.6	A	Gr Sa, brn, moist	5.6	A-1-a	Sa Gr	57.0	31.7	11.3		
				1.6 – 5.0	A	Sa Si, brn, moist	18.9	A-4	Sa Si	12.0	35.0	53.0		
				NLTD										
B-109	10/12/10	M1.6	6.0 RT	0.0 – 0.5	C	Asphalt Pavement								
				0.5 – 2.1	A	Gr Sa Si, brn, moist	5.2	A-1-b	Gr Sa	38.3	42.7	19.0		
				2.1 – 5.0	A	Sa Si, brn, moist	3.4	A-2-4	Gr Si Sa	22.6	51.6	25.8		
				NLTD										
B-110	10/12/10	M1.8	5.0 LT	0.0 – 0.4	C	Asphalt Pavement								
				0.4 – 3.5	A	Si Sa Gr, brn, moist	4.4	A-1-b	Sa Gr	47.8	34.1	18.1		
				3.5 – 5.0	A	Sa Si, brn, moist	9.4	A-2-4	Si Gr Sa	30.9	45.2	23.9		
				NLTD										
B-111	10/12/10	M2.0	6.5 RT	0.0 – 0.7	C	Asphalt Pavement								
				0.7 – 3.0	A	Si Gr Sa, brn, moist	5.8	A-1-b	Si Sa Gr	38.4	38.1	23.5		
				3.0 – 5.0	A	Sa Si, dk brn, moist	19.6	A-2-4	Gr Si Sa	20.9	56.8	22.3		
				NLTD		*Water at bottom of hole								
Cont.														

MONTGOMERY-WESTFIELD STP 2906 (1)

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BORING No.	DATE DRILLED	MILE MARKER	OFFSET (FT)	DEPTH (FT)	SAMPLE TYPE	FIELD DESCRIPTION	LABORATORY RESULTS							
						SOIL TYPE, COLOR, MOISTURE	% MOISTURE	AASHTO CLASS.	SOIL DES.	% GRAVEL	% SAND	% FINES	LIQUID LIMIT	PLASTIC LIMIT
B-112	10/12/10	M2.2	6.0 LT	0.0 – 0.5	C	Asphalt Pavement								
				0.5 - 3.5	A	Si Gr, brn, moist	5.7	A-1-a	Sa Gr	67.3	28.3	4.4		
				3.5 – 5.0	A	Sa Si, brn, moist	9.8	A-2-4	Gr Sa Si	26.1	47.7	26.2		
				NLTD										
B-113	10/12/10	M2.4	6.0 RT	0.0 – 0.65	C	Asphalt Pavement								
				0.65 – 1.5	A	Si Sa Gr, brn, moist	5.8	A-1-b	Sa Gr	49.7	34.7	15.5		
				1.5 – 5.0	A	Si Sa, brn, moist	6.9	A-2-4	Si Sa	16.4	58.4	25.2		
				NLTD										
B-114	10/12/10	M2.6	6.0 LT	0.0 – 0.55	C	Asphalt Pavement								
				0.55 – 2.0	A	Si Sa Gr, brn, moist	4.8	A-1-b	Sa Gr	49.2	32.6	18.2		
				2.0 – 4.0	A	Si Sa, brn, moist	9.4	A-2-4	Si Gr Sa	28.6	49.6	21.8		
				4.0 – 5.0	A	Sa Si, brn, moist	14.5	A-2-4	Si Sa	15.4	52.1	32.5		
				NLTD										
B-115	10/12/10	M2.8	7.0 RT	0.0 – 0.35	C	Asphalt Pavement								
				0.35 – 1.5	A	Gr, brn, moist	9.2	Visual Identification, crushed aggregate (asphalt pavement) with gravel						
				1.5 – 3.0	A	Sa Si, brn, moist	6.3	A-2-4	Si Gr Sa	27.8	48.8	23.4		
				3.0 – 5.0	A	Sa Si, dk brn, moist	16.4	A-2-4	Gr Si Sa	23.1	48.6	28.3		
				NLTD		*Driller noted very soft from 3'-5'								
Cont.														

BORING
AND
CORING
SHEET 1

PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(1)

FILE NAME: p10CI90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10CI90-113.1

PLOT DATE: 9/5/12
DRAWN BY: JMB
CHECKED BY: CDL
SHEET 113 OF 178

BORING No.	DATE DRILLED	MILE MARKER	OFFSET (FT)	DEPTH (FT)	SAMPLE TYPE	FIELD DESCRIPTION	LABORATORY RESULTS							
						SOIL TYPE, COLOR, MOISTURE	% MOISTURE	AASHTO CLASS.	SOIL DES.	% GRAVEL	% SAND	% FINES	LIQUID LIMIT	PLASTIC LIMIT
B-116	10/12/10	M3.0	4.5 LT	0.0 – 0.25	C	Asphalt Pavement								
				0.25 – 1.0	A	Si Gr Sa, brn, moist	5.2	A-1-a	Sa Gr	53.6	40.5	5.9		
				1.0 – 5.0	A	Gr Sa Si, brn, moist	12.6	A-4	Si Sa	18.7	44.8	36.5		
				NLTD		*Driller noted material very soft 2'-5'								
B-117	10/12/10	M3.2	6.0 RT	0.0 – 0.25	C	Asphalt Pavement								
				0.25 – 1.5	A	Gr, brn, moist	6.0	A-1-a	Sa Gr	70.8	23.7	5.5		
				1.5 – 3.0	A	Si Sa, brn, moist	6.8	A-2-4	Gr Si Sa	27.4	43.9	28.8		
				3.0 – 5.0	A	Si, dk brn, moist	16.1	A-2-4	Si Sa	19.8	49.7	30.6		
				NLTD										
B-118	10/12/10	M3.4	4.5 LT	0.0 – 0.25	C	Asphalt Pavement								
				0.25 – 1.0	A	Gr, brn, moist	6.8	Visual Identification: Sa Gr w/ Asphalt Pavement						
				1.0 – 5.0	A	Si Sa, brn, moist	12.6	A-2-4	Si Sa	18.9	47.5	33.6		
				TLOB	A	* Diller noted soft material from 3'-5'								
B-119	10/13/10	M3.6	7.0 RT	0.0 – 0.75	C	Asphalt Pavement								
				0.75 – 1.2	A	Si Sa Gr, brn, moist	7.1	A-1-a	Sa Gr	57.6	29.2	13.2		
				1.2 – 5.0	A	Si Sa, brn, moist	9.3	A-2-4	Gr Sa	21.7	58.6	19.8		
				NLTD										
Cont.														

BORING No.	DATE DRILLED	MILE MARKER	OFFSET (FT)	DEPTH (FT)	SAMPLE TYPE	FIELD DESCRIPTION	LABORATORY RESULTS							
						SOIL TYPE, COLOR, MOISTURE	% MOISTURE	AASHTO CLASS.	SOIL DES.	% GRAVEL	% SAND	% FINES	LIQUID LIMIT	PLASTIC LIMIT
B-120	10/13/10	M3.8	4.5 LT	0.0 – 0.6	C	Asphalt Pavement								
				0.6 – 1.5	A	Si Gr Sa, brn, moist	6.6	A-1-b	Gr Sa	38.7	46.9	14.4		
				1.5 – 5.0	A	Si Sa, brn, moist	3.7	A-2-4	Si Gr Sa	28.8	44.6	26.6		
				NLTD										
B-121	10/13/10	W0.2	5.5 RT	0.0 – 0.5	C	Asphalt Pavement								
				0.5 – 1.5	A	Si Sa, brn, moist	13.3	A-4	Si Sa	14.3	45.3	40.5		
				1.5 – 5.0	A	Sa Si, brn, moist	5.2	A-1-b	Gr Sa	30.7	51.0	18.3		
				NLTD										
B-122	10/13/10	W0.4	5.0 LT	0.0 – 0.5	C	Asphalt Pavement								
				0.5 – 1.0	A	Si Gr Sa, brn, moist	9.5	A-1-b	Sa Gr	49.1	38.7	12.3		
				1.0 – 5.0	A	Si Sa, brn, moist	8.1	A-2-4	Si Gr Sa	22.3	57.3	20.4		
				NLTD										
B-123	10/13/10	W0.6	6.5 RT	0.0 – 0.5	C	Asphalt Pavement								
				0.5 – 1.2	A	Si Gr Sa, brn, moist	5.8	A-1-b	Gr Sa	41.6	44.7	13.7		
				1.2 – 5.0	A	Si Sa, brn, moist	10.4	A-2-4	Si Gr Sa	26.9	49.3	23.8		
				NLTD										
Cont.														

7.7BORING No.	DATE DRILLED	MILE MARKER	OFFSET (FT)	DEPTH (FT)	SAMPLE TYPE	FIELD DESCRIPTION	LABORATORY RESULTS							
						SOIL TYPE, COLOR, MOISTURE	% MOISTURE	AASHTO CLASS.	SOIL DES.	% GRAVEL	% SAND	% FINES	LIQUID LIMIT	PLASTIC LIMIT
B-124	10/13/10	W0.8	5.5 LT	0.0 – 0.5	C	Asphalt Pavement								
				0.5 – 1.5	A	Si Gr Sa, brn, moist	6.4	A-1-b	Gr Sa	41.1	45.0	13.9		
				1.5 – 5.0	A	Sa Si, brn, moist	6.9	A-1-b	Si Gr Sa	28.3	47.7	24.0		
				NLTD										
B-125	10/13/10	W1.0	6.0 RT	0.0 – 0.5	C	Asphalt Pavement								
				0.5 – 1.2	A	Si Gr Sa, brn, moist	6.4	A-1-b	Gr Sa	41.1	45.0	13.9		
				1.2 – 3.0	A	Si Gr Sa, brn, moist	6.9	A-1-b	Si Gr Sa	28.3	47.7	24.0		
				3.0 – 5.0	A	Sa Si, dk brn, moist	14.5	A-1-b	Gr Sa	36.6	45.0	18.3		
				NLTD		*Driller reported track of soft material in sample 3'-5'								
B-126	10/13/10	W1.2	5.0 LT	0.0 – 0.35	C	Asphalt Pavement								
				0.35 – 1.2	A	Gr Sa, brn, moist	5.4	A-1-b	Sa Gr	48.6	40.4	11.0		
				1.2 – 5.0	A	Sa Si, brn, moist	5.6	A-2-4	Si Gr Sa	33.1	45.5	21.4		
				NLTD										
B-127	10/13/10	W1.4	6.5 RT	0.0 – 0.4	C	Asphalt Pavement								
				0.4 – 1.4	A	Si Gr Sa, brn, moist	4.5	A-1-b	Gr Sa	38.7	42.1	19.2		
				1.4 – 5.0	A	Gr Si Sa, brn, moist	5.9	A-2-4	Si Gr Sa	32.7	37.8	29.5		
				NLTD										
Cont.														

BORING No.	DATE DRILLED	MILE MARKER	OFFSET (FT)	DEPTH (FT)	SAMPLE TYPE	FIELD DESCRIPTION	LABORATORY RESULTS							
						SOIL TYPE, COLOR, MOISTURE	% MOISTURE	AASHTO CLASS.	SOIL DES.	% GRAVEL	% SAND	% FINES	LIQUID LIMIT	PLASTIC LIMIT
B-128	10/13/10	W1.6	4.5 LT	0.0 – 0.3	C	Asphalt Pavement								
				0.3 – 1.4	A	Si Gr Sa, brn, moist	3.8	A-1-b	Gr Sa	34.0	49.9	16.1		
				1.4 – 5.0	A	Si Sa, brn, moist	3.3	A-2-4	Si Gr Sa	33.3	39.4	27.4		
				NLTD										
B-129	10/18/10	W1.8	5.5 RT	0.0 – 0.3	C	Asphalt Pavement								
				0.3 – 1.4	A	Gr, brn, moist	7.7	A-1-a	Sa Gr	68.0	24.2	7.7		
				1.4 – 5.0	A	Sa Si, brn, moist	10.5	A-2-4	Gr Si Sa	22.2	52.0	25.7		
				NLTD										
B-130	10/18/10	W2.0	6.0 LT	0.0 – 0.45	C	Asphalt Pavement								
				0.45 – 1.2	A	Si Gr Sa, brn, moist	8.7	A-1-a	Sa Gr	54.8	36.0	9.2		
				1.2 – 5.0	A	Si Sa, brn, moist	11.6	A-2-4	Si Gr Sa	28.2	51.4	20.4		
				NLTD										
B-131	10/18/10	W2.2	6.0 RT	0.0 – 0.5	C	Asphalt Pavement								
				0.5 – 0.9	A	Si Sa Gr, brn, moist	8.6	A-1-a	Sa Gr	72.8	21.1	6.1		
				0.9 – 5.0	A	Si Sa, brn, wet	5.1	A-2-4	Si Gr Sa	31.0	46.4	22.6		
				NLTD										
Cont.														

NOTE: SEE PROJECT LAYOUT SHEETS FOR THE LOCATION OF BORE HOLES

BORING
AND
CORING
SHEET 2

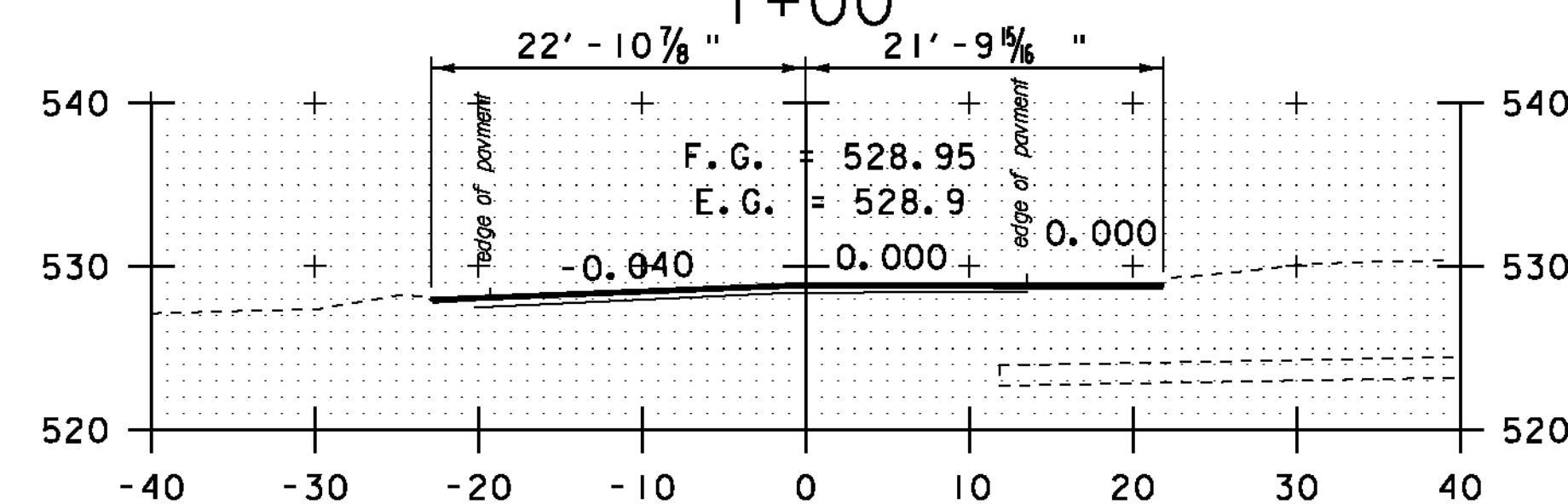
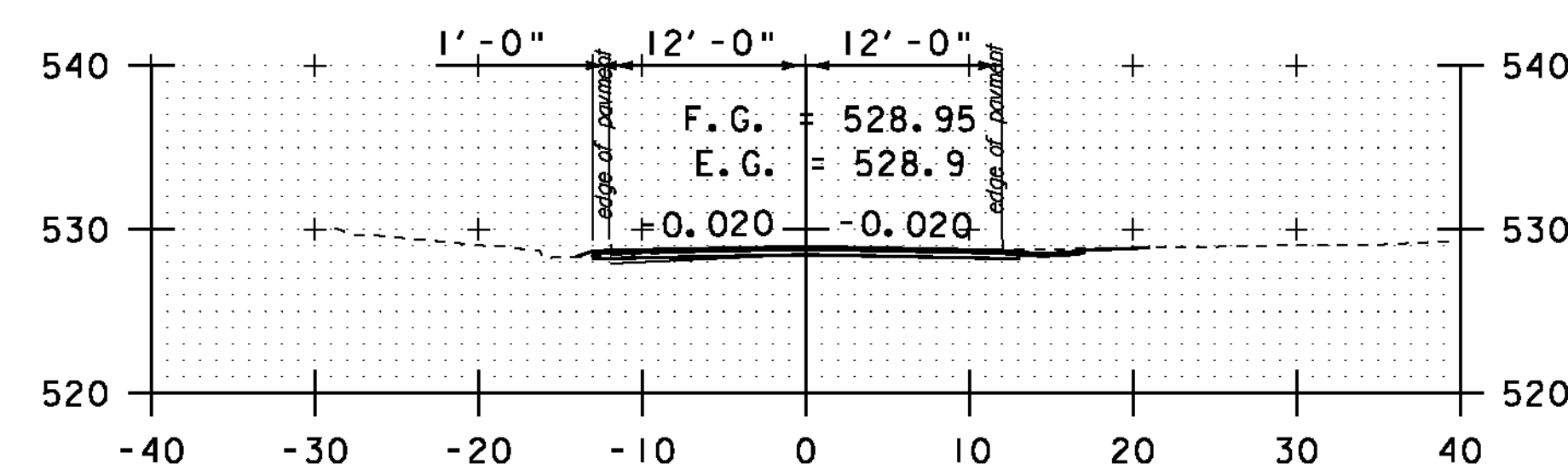
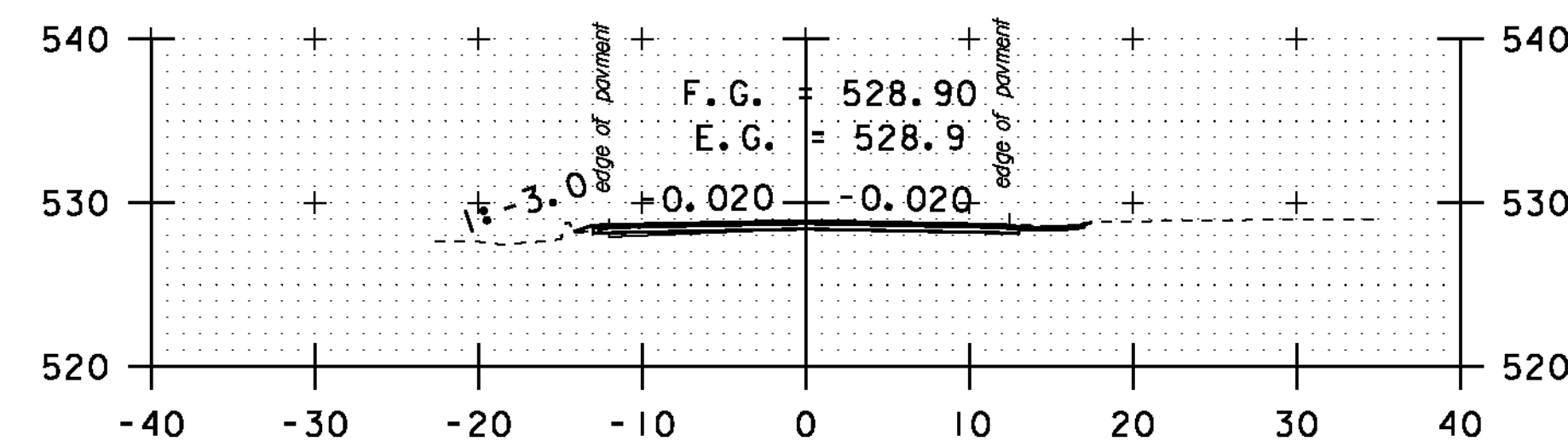
PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(1)
FILE NAME: p10CI90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10CI90_114.1
PLOT DATE: 9/5/12
DRAWN BY: JMB
CHECKED BY: CDL
SHEET 114 OF 178

BORING No.	DATE DRILLED	MILE MARKER	OFFSET (FT)	DEPTH (FT)	SAMPLE TYPE	FIELD DESCRIPTION	LABORATORY RESULTS							
						SOIL TYPE, COLOR, MOISTURE	% MOISTURE	AASHTO CLASS.	SOIL DES.	% GRAVEL	% SAND	% FINES	LIQUID LIMIT	PLASTIC LIMIT
B-132	10/18/10	W2.4	5.0 LT	0.0 – 0.5	C	Asphalt Pavement								
				0.5 – 2.0	A	Gr, brn, moist	4.8	A-1-a	Sa Gr	64.0	30.9	5.0		
				2.0 – 5.0	A	Si Sa, brn, moist	13.5	A-2-4	Gr Si Sa	26.4	45.1	28.6		
				NLTD										
B-133	10/18/10	W2.6	6.0 RT	0.0 – 0.4	C	Asphalt Pavement								
				0.4 – 1.2	A	Sa, brn, moist	4.5	A-1-b	Gr Sa	36.9	49.0	14.1		
				1.2 – 3.5	A	Si Sa, brn, moist	17.2	A-2-4	Si Sa	9.8	56.9	33.2		
				3.5 – 5.0	A	Si organic, brn, moist	36.8	A-2-4	Si Gr Sa	28.6	44.2	27.2		
				NLTD		*Lab note: sticks and decayed wood within sample, possible organics								
Standard Abbreviations and Notes														
SAMPLE TYPE "A" = Auger														
SAMPLE TYPE "SS" = Split Spoon														
SAMPLE TYPE "C" = Core Sample														
NLTD = No Ledge To Depth														
CNPF = Could Not Penetrate Further														
TLOB = To Ledge or Boulder														

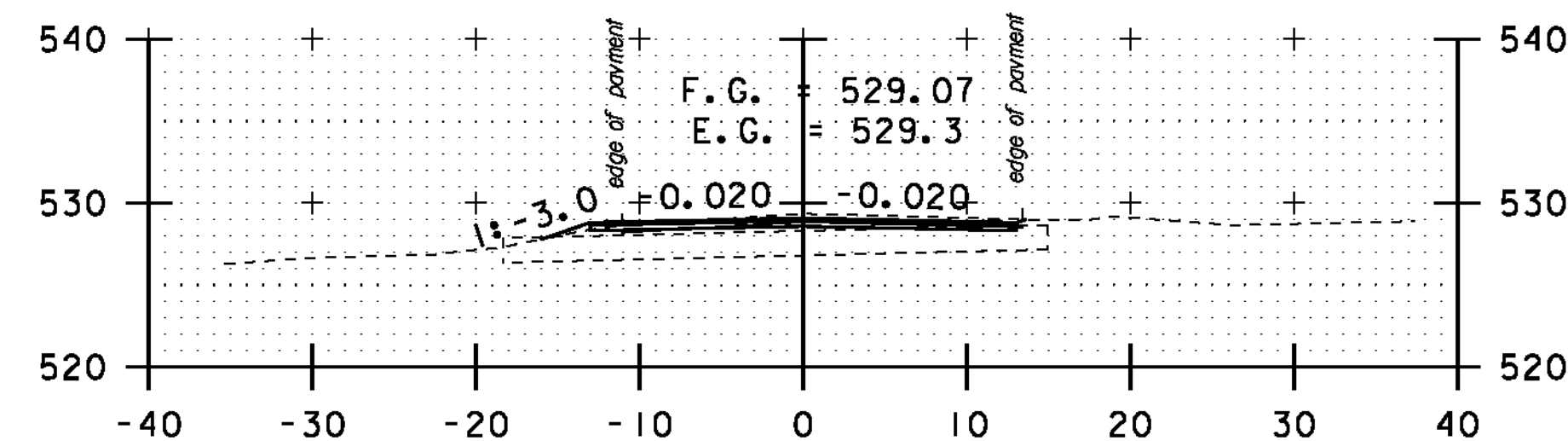
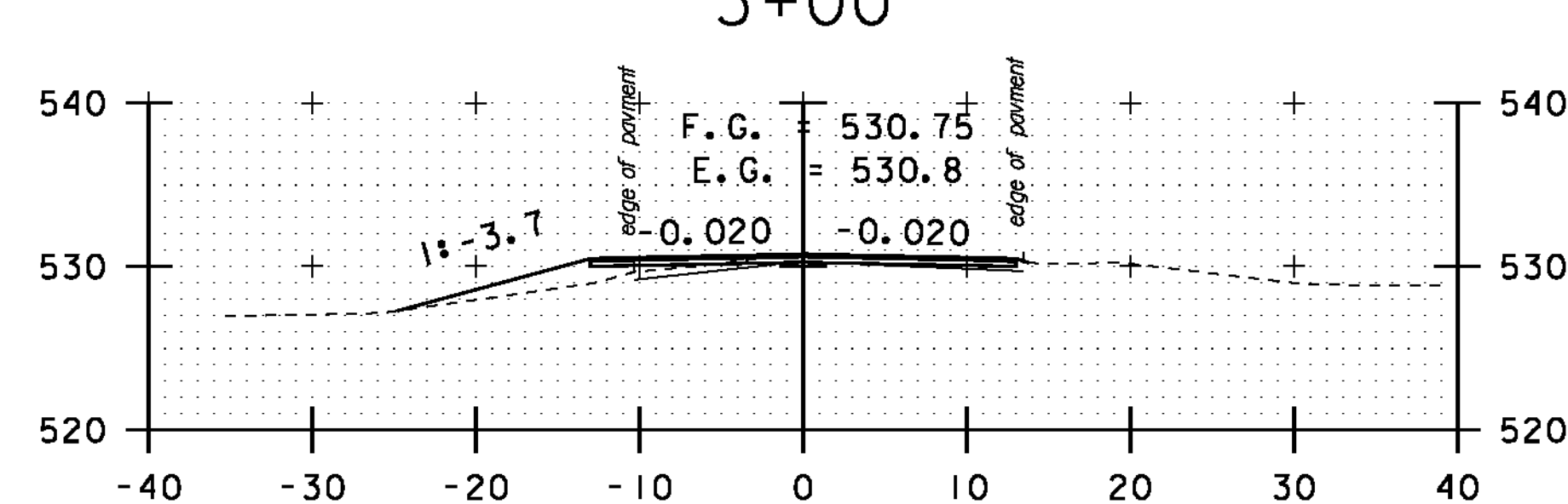
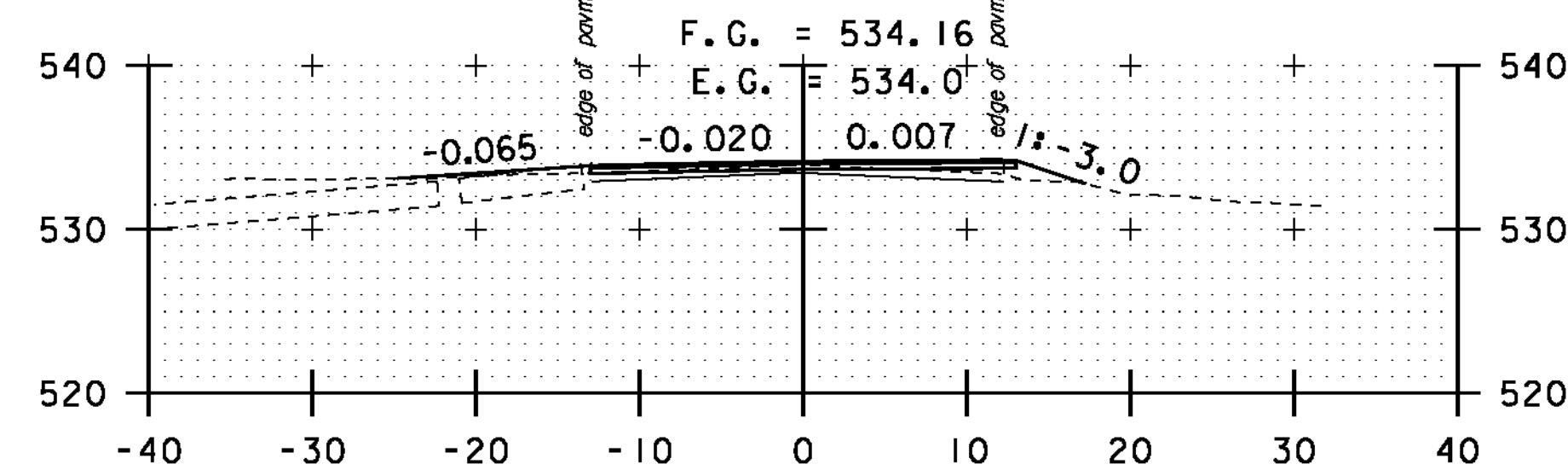
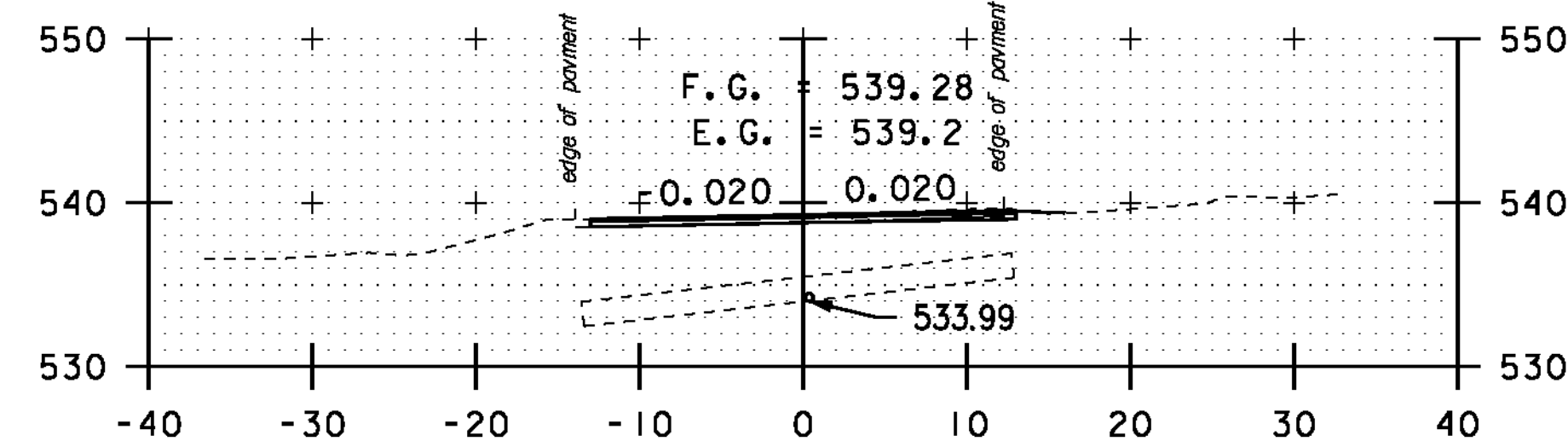
NOTE: SEE PROJECT LAYOUT SHEETS FOR THE LOCATION OF BORE HOLES

BORING
AND
CORING
SHEET 3

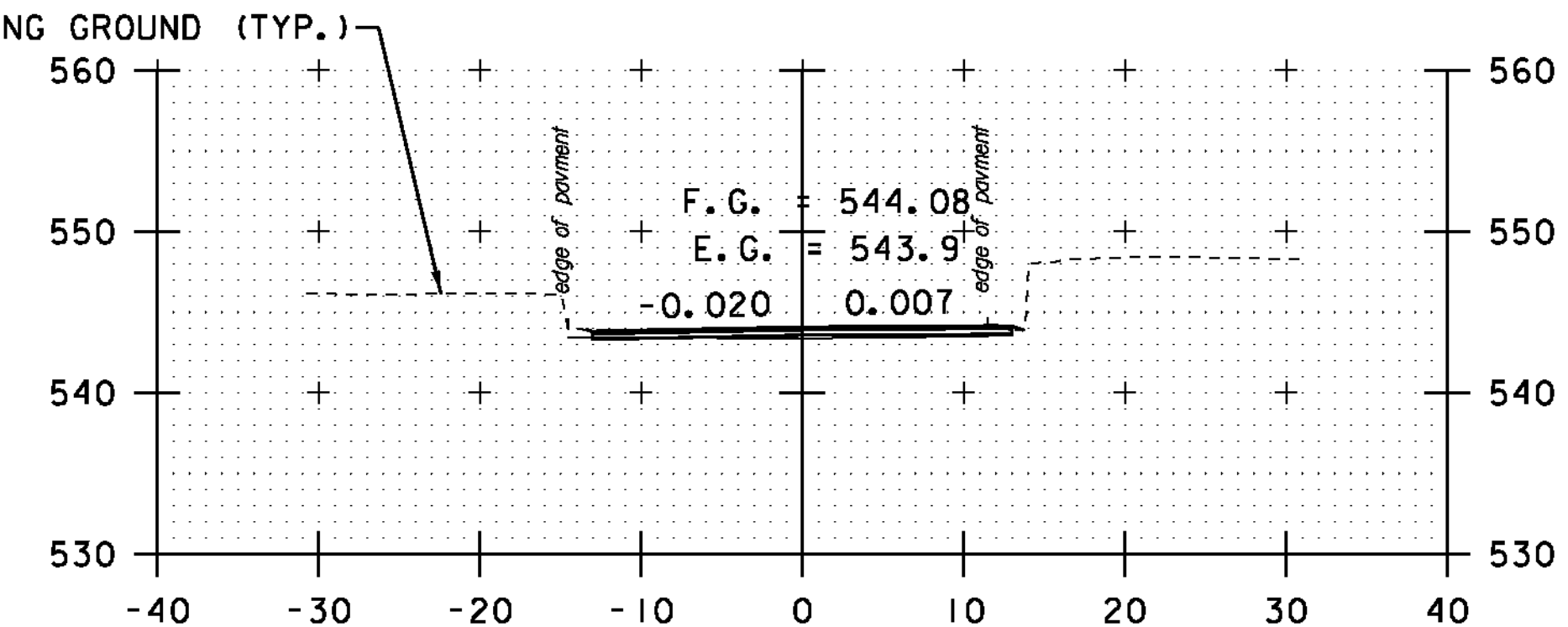
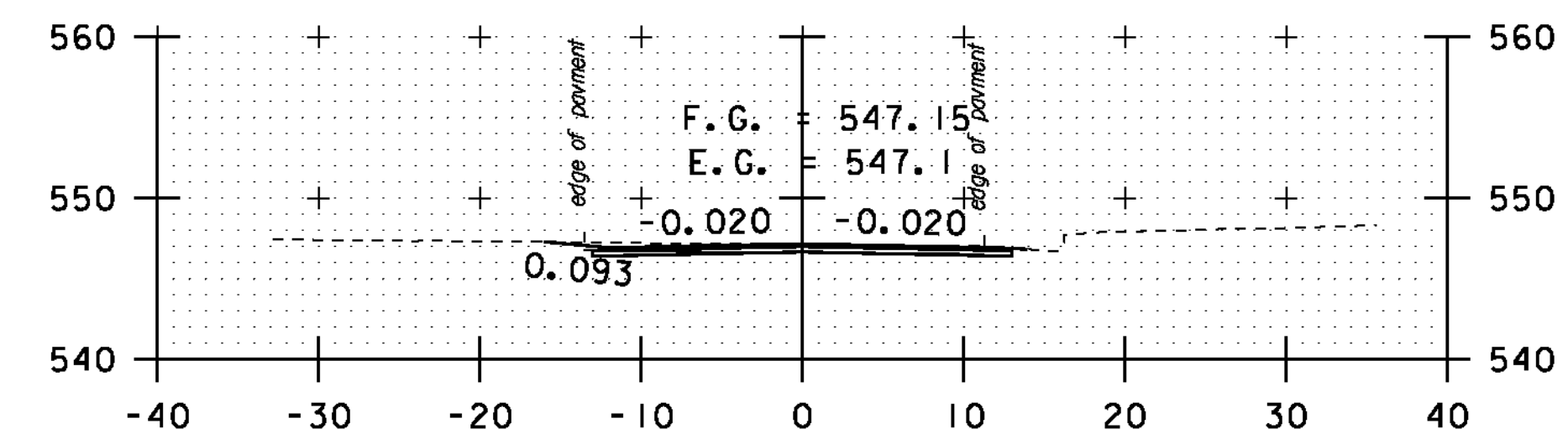
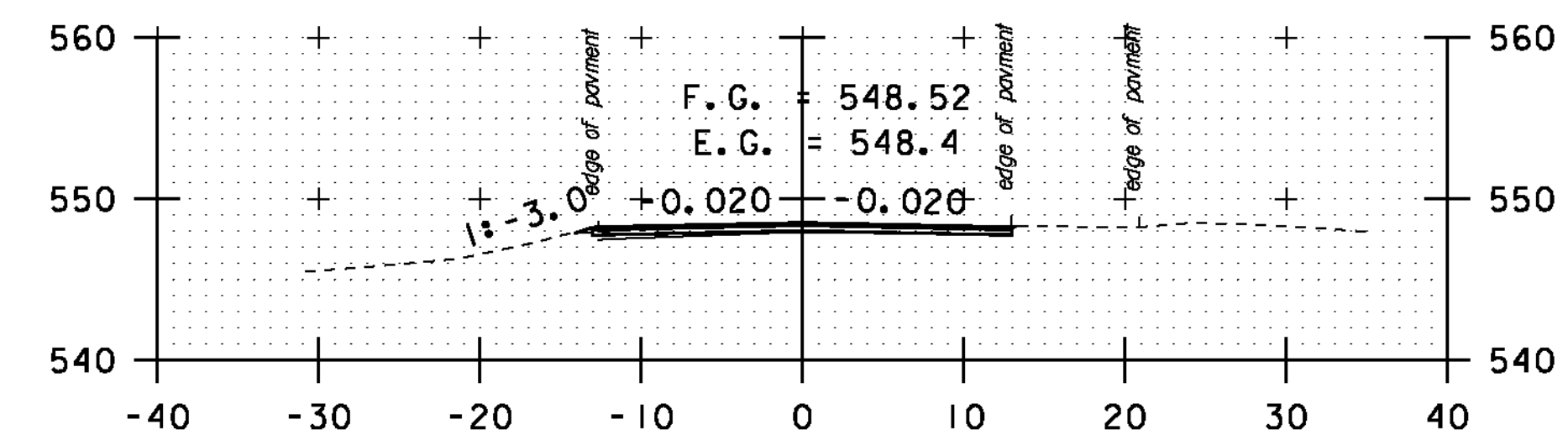
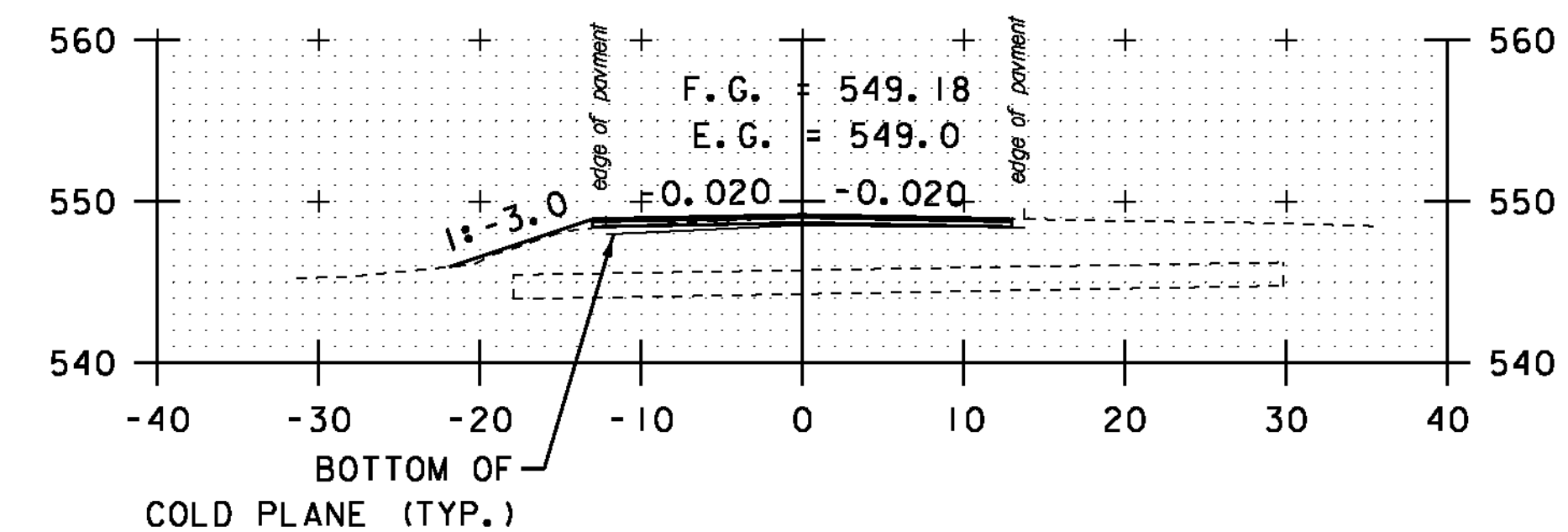
PROJECT NAME: MONTGOMERY-WESTFIELD	
PROJECT NUMBER: STP 2906(1)	
FILE NAME: p10C190.dgn	PLOT DATE: 9/5/12
PROJECT LEADER: CDL	DRAWN BY: JMB
DESIGNED BY: SJL	CHECKED BY: CDL
PLOT FILE: p10C190_115.1	SHEET 115 OF 178



BEGIN PROJECT



2+00



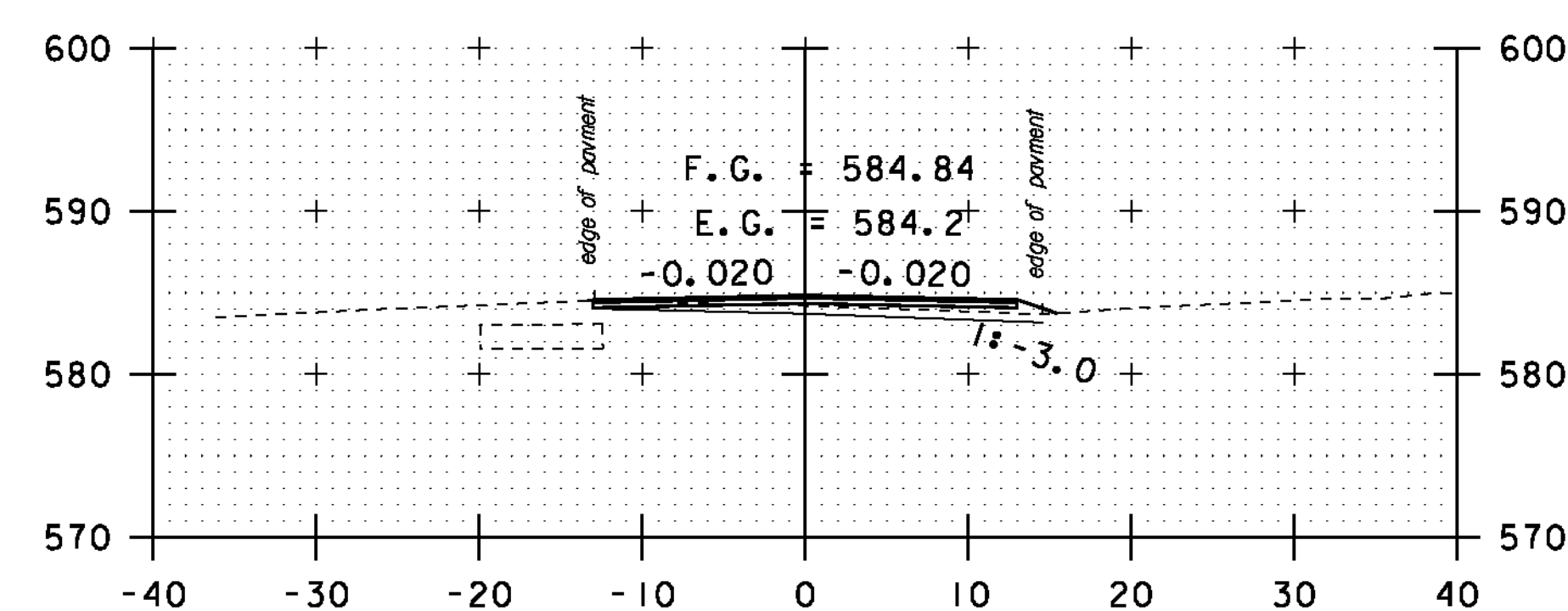
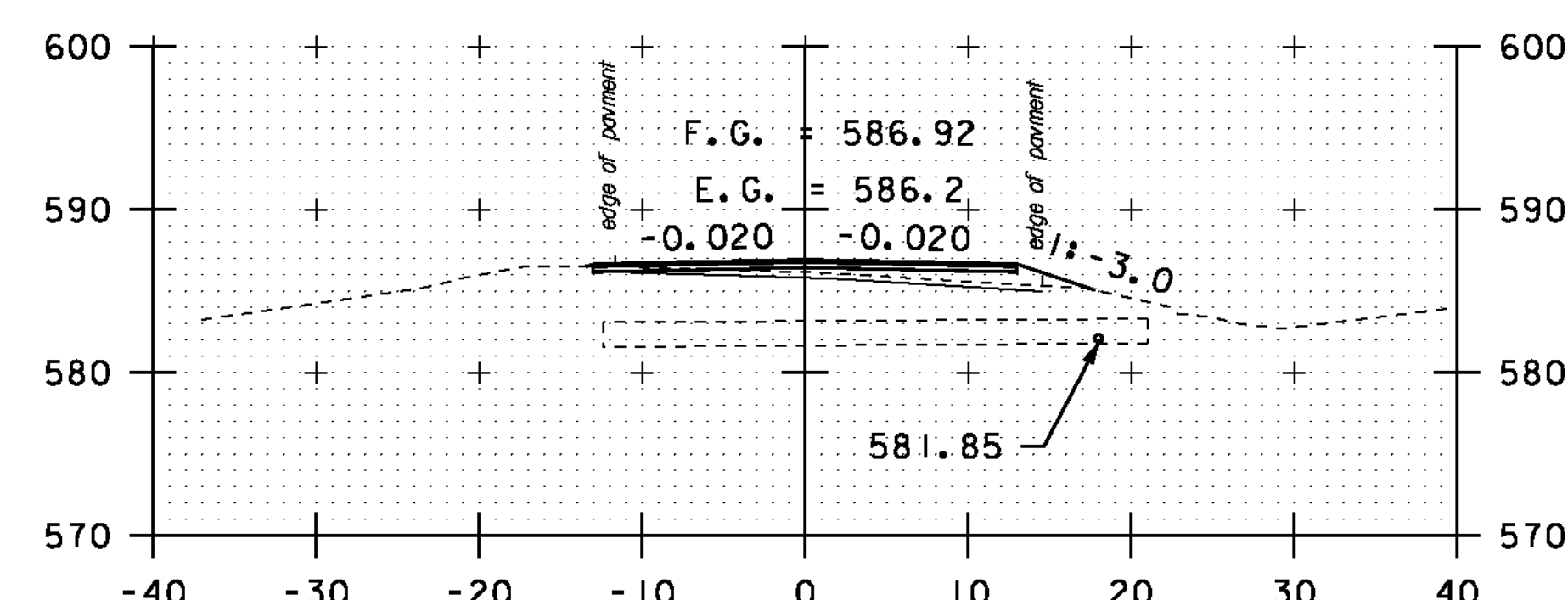
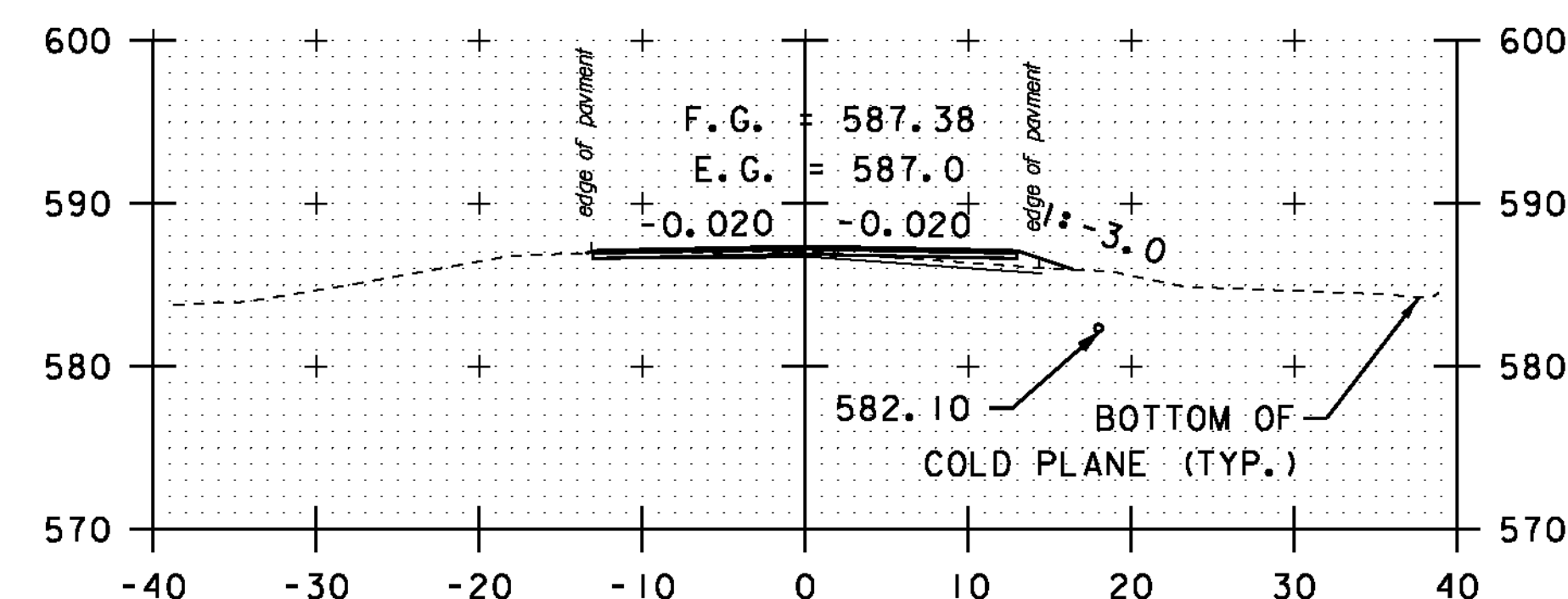
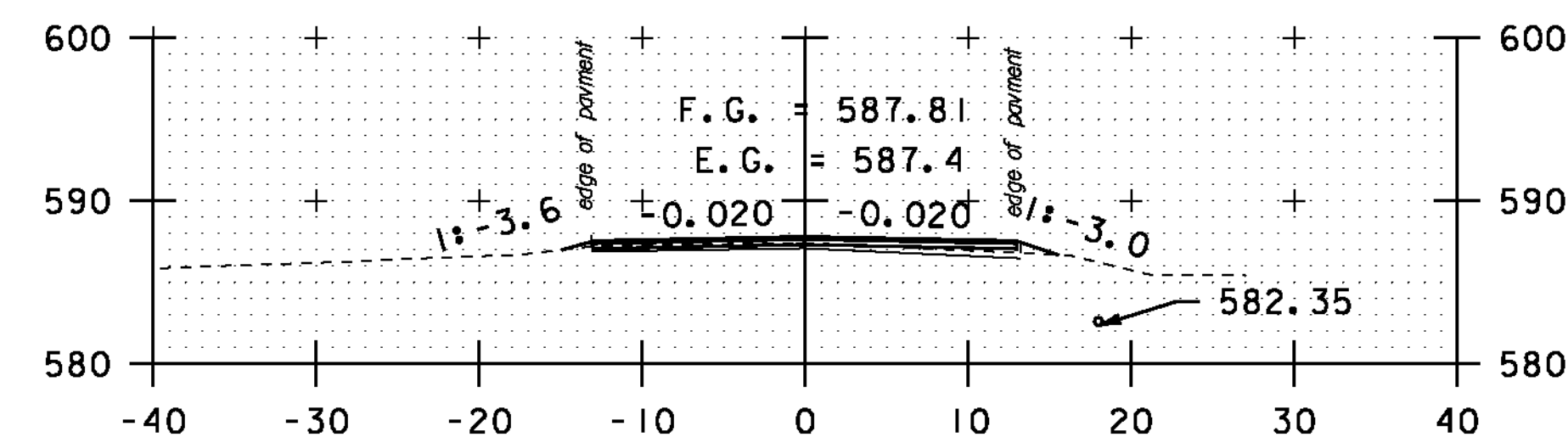
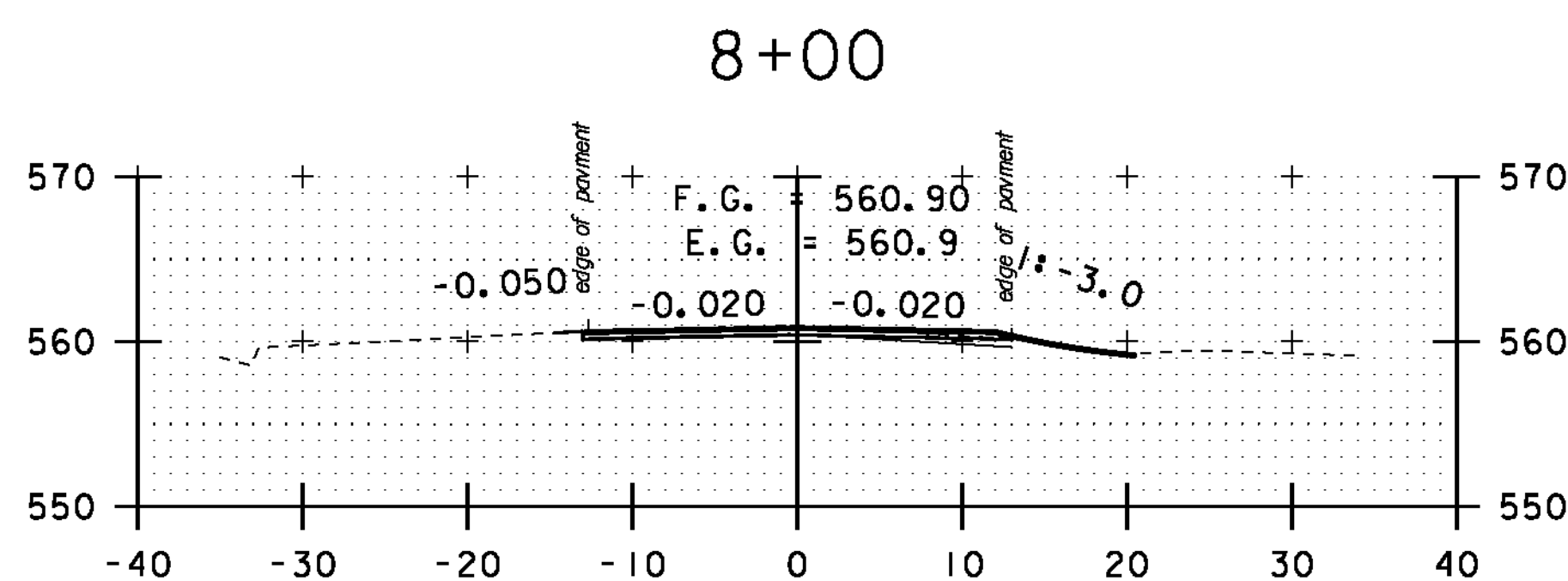
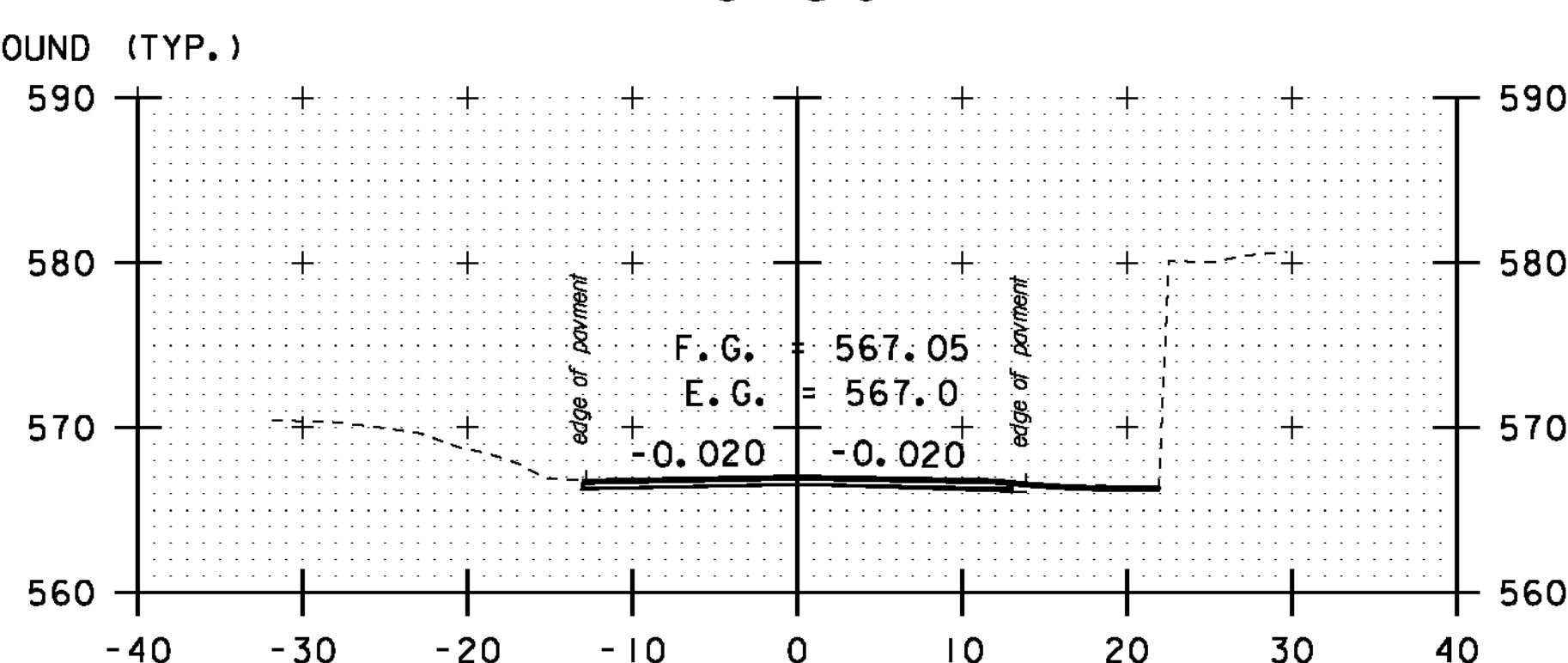
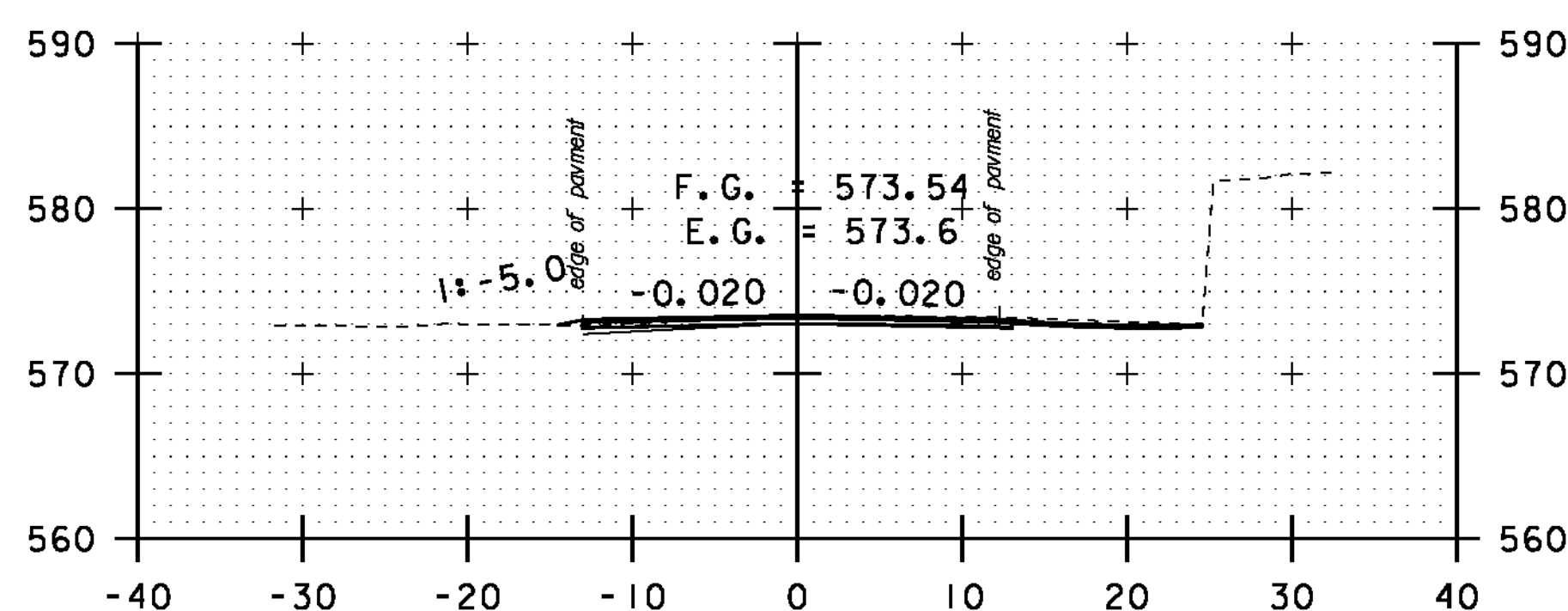
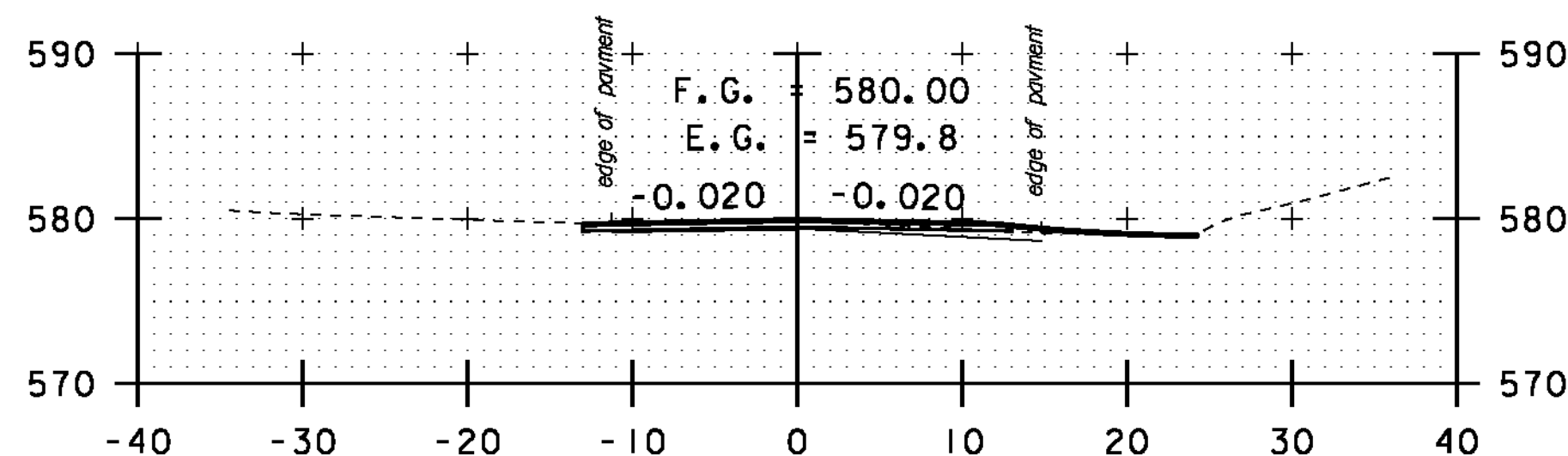
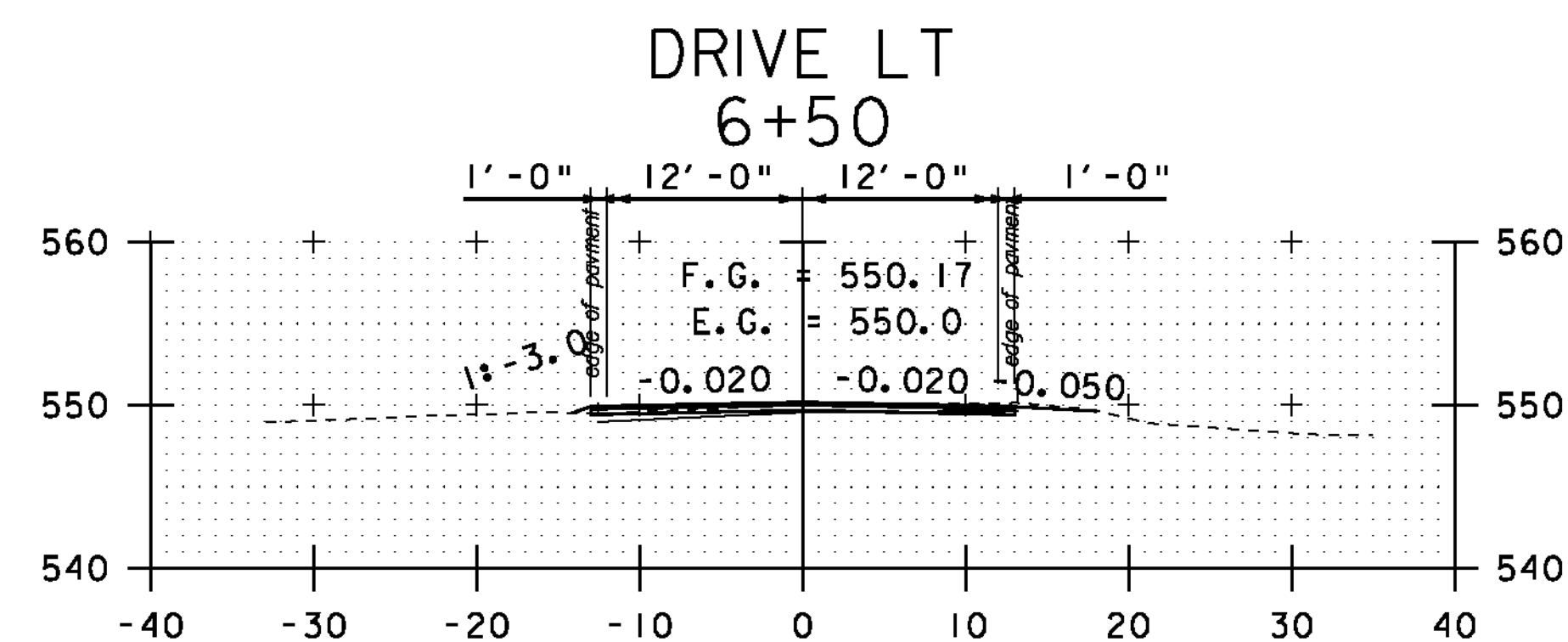
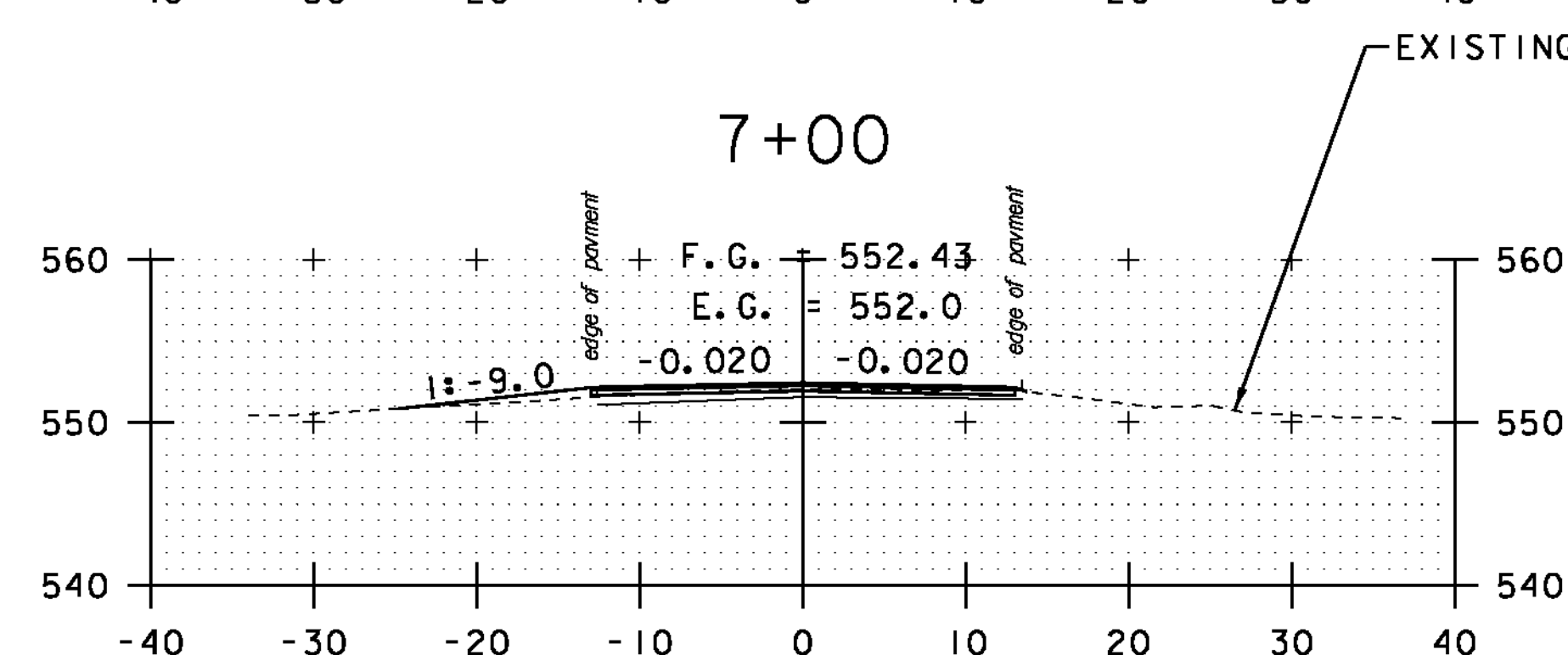
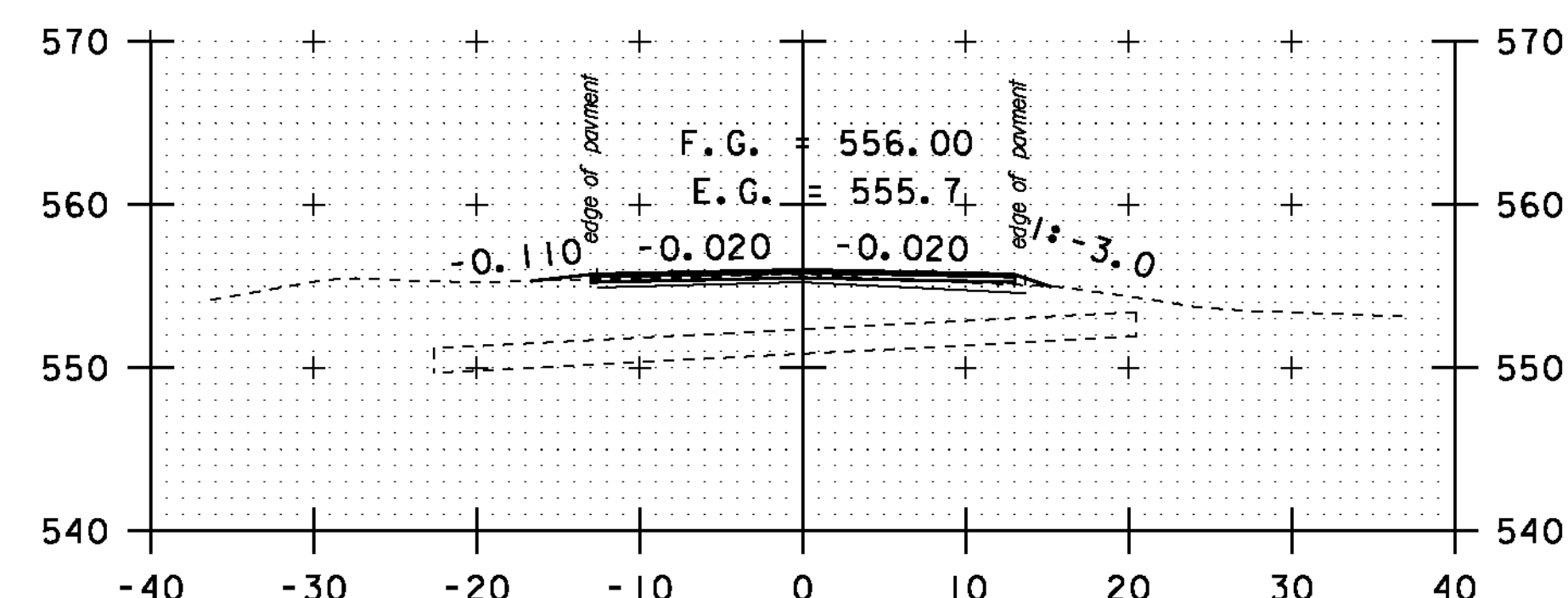
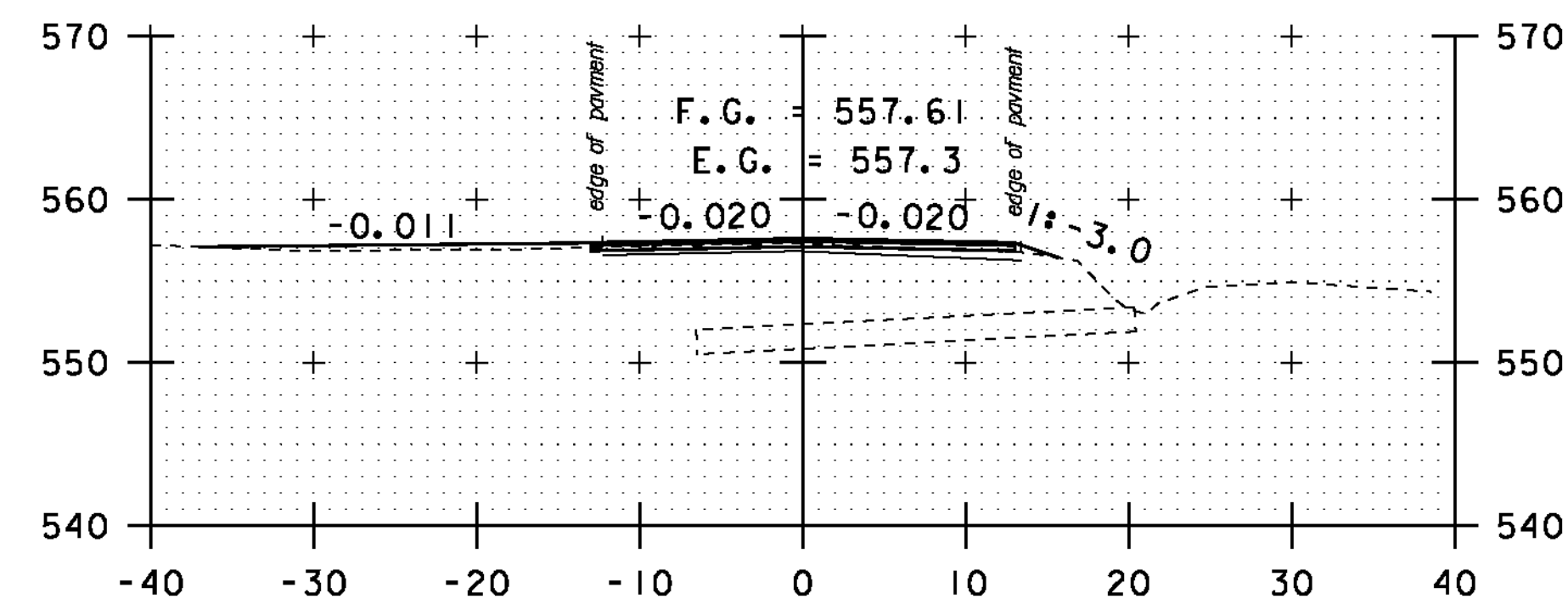
4+00

STA. 0+20 TO STA. 5+50

SCALE 1" = 10'-0"

**CROSS
SECTION
SHEET 1**

PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(1)
FILE NAME: p10CI90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10CI90.116A.1
PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: CDL
SHEET 116A OF 178

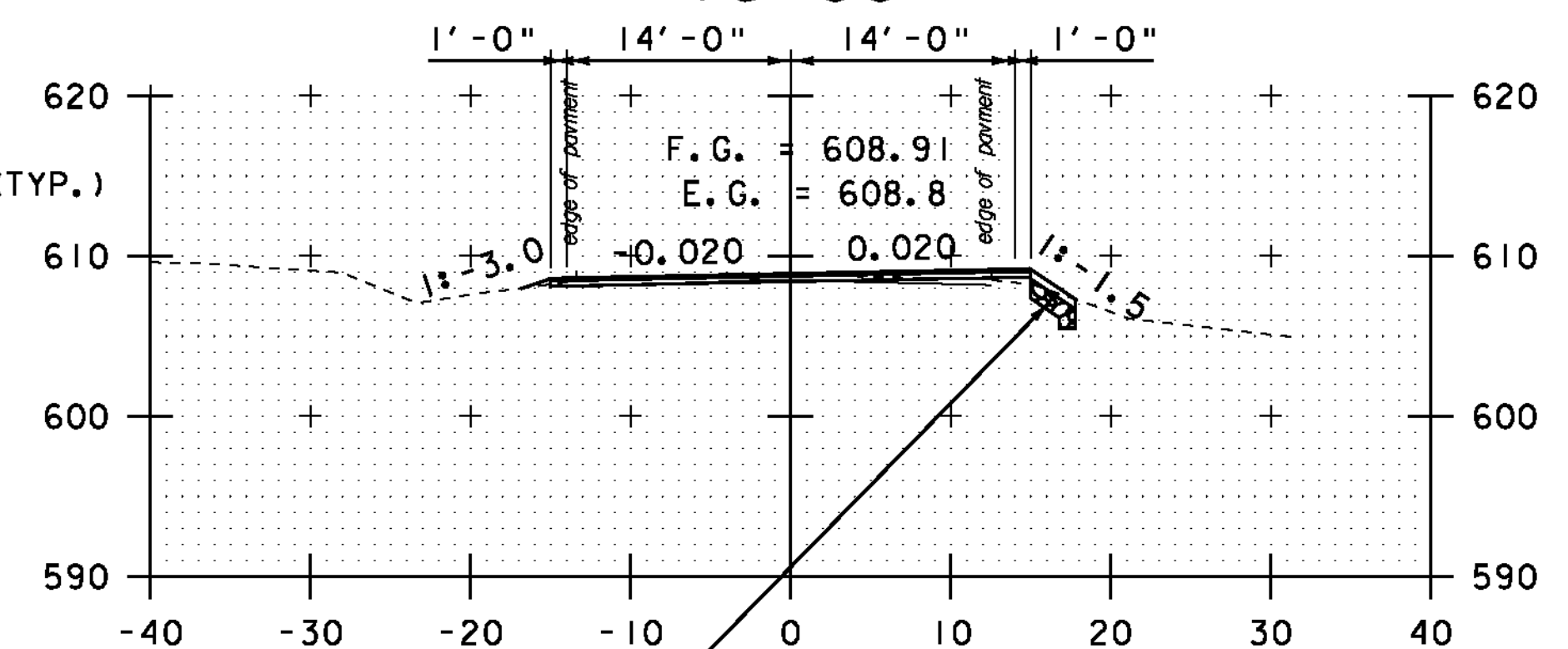
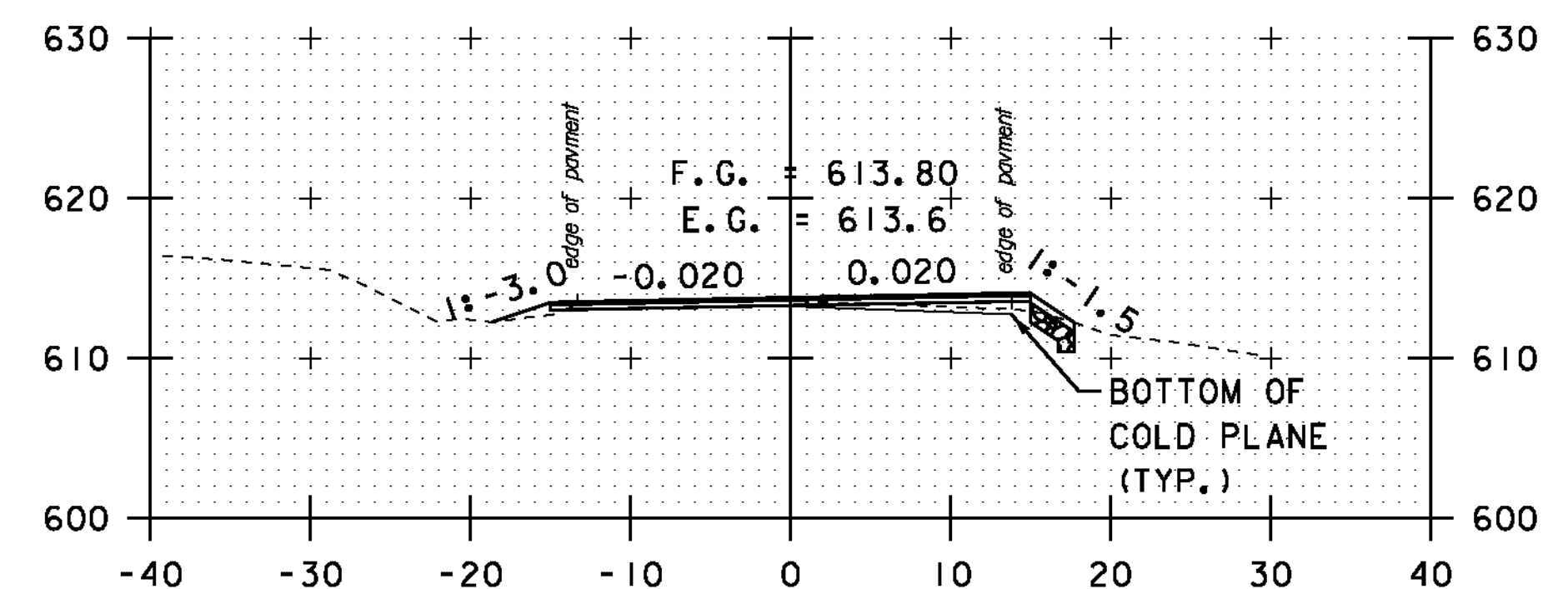
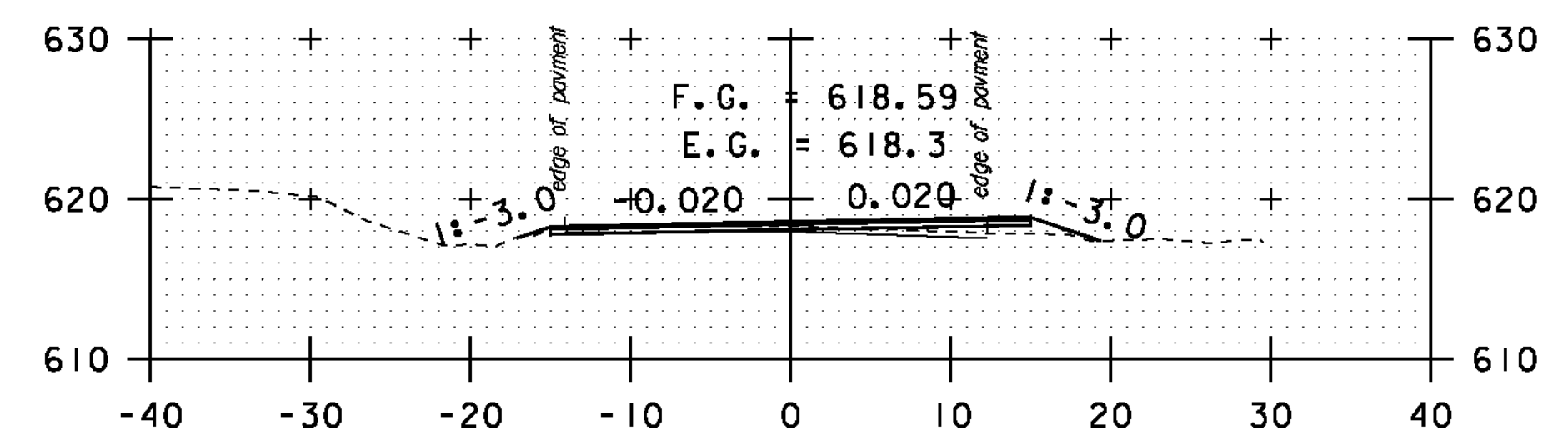
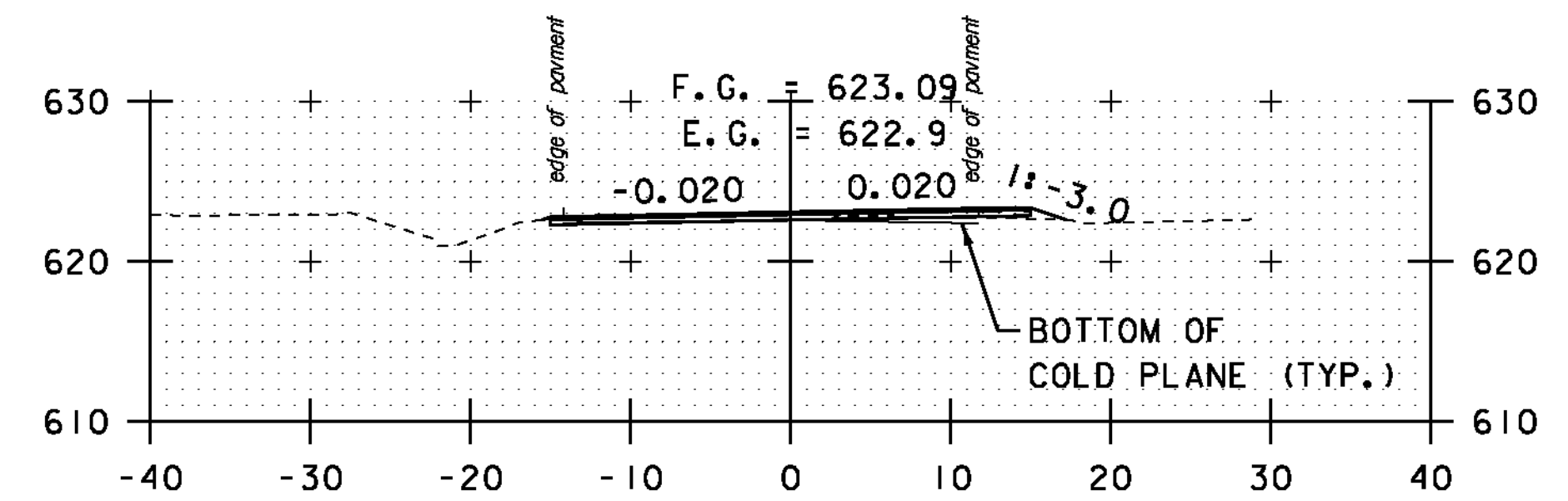
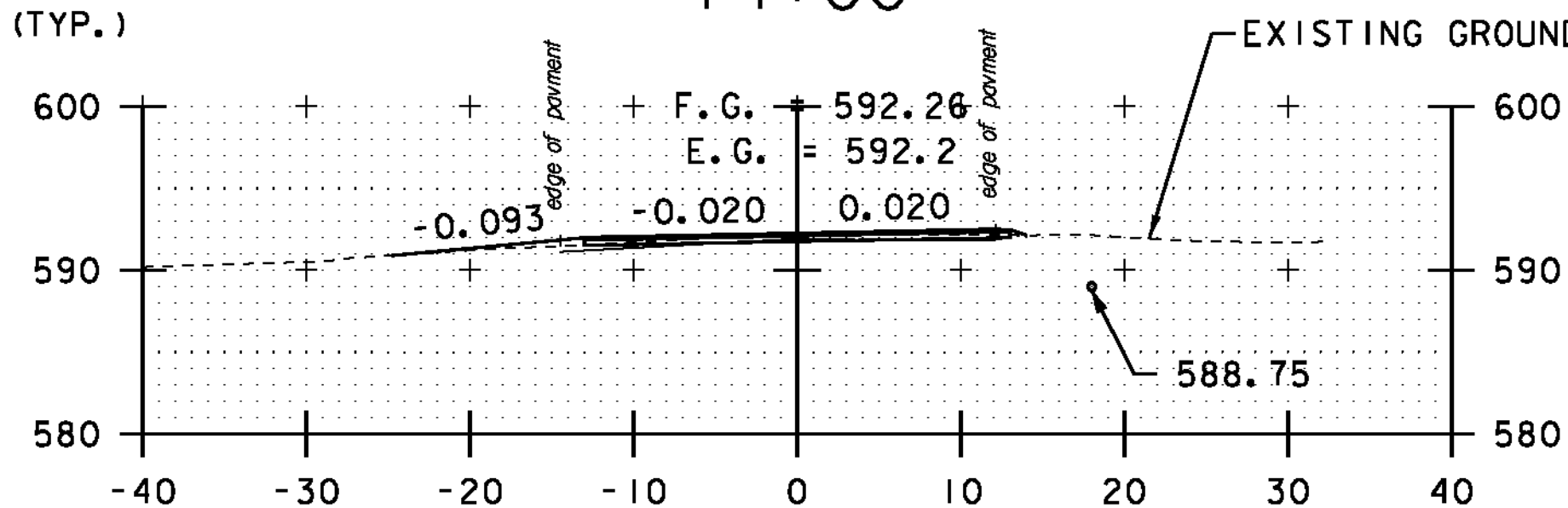
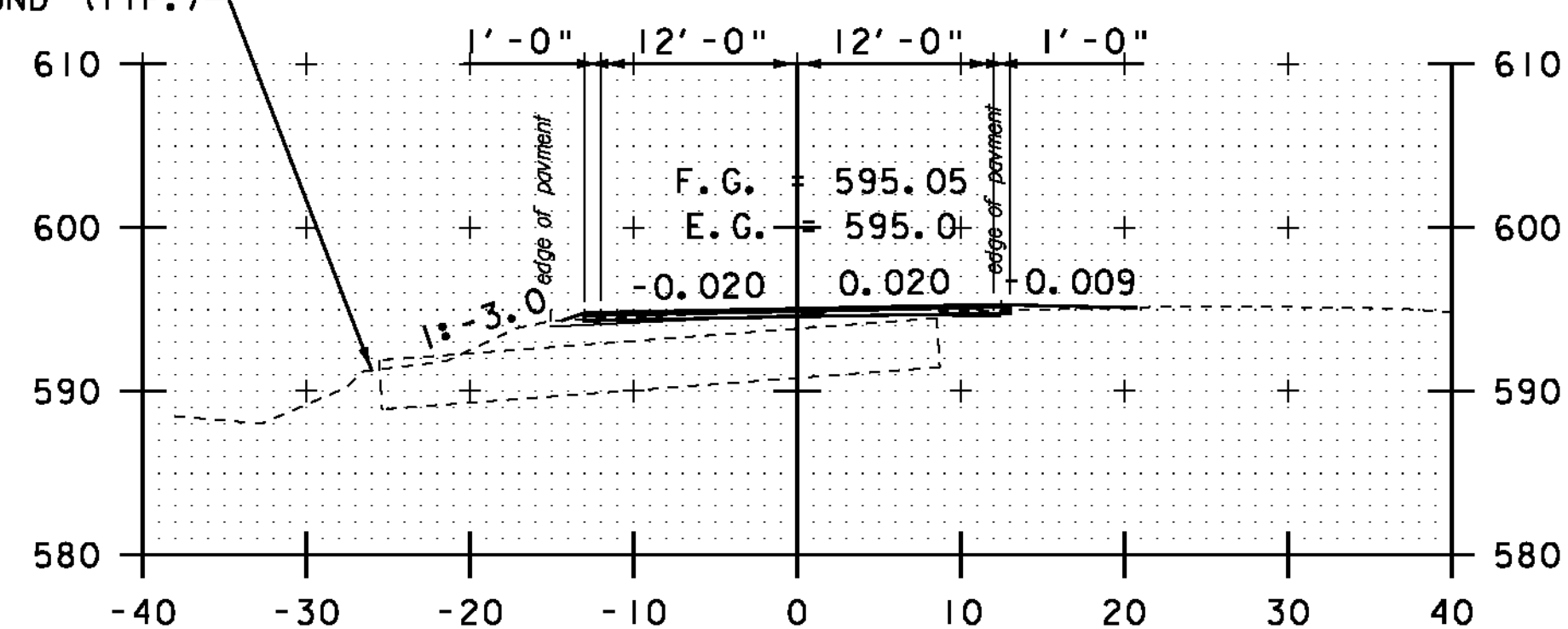
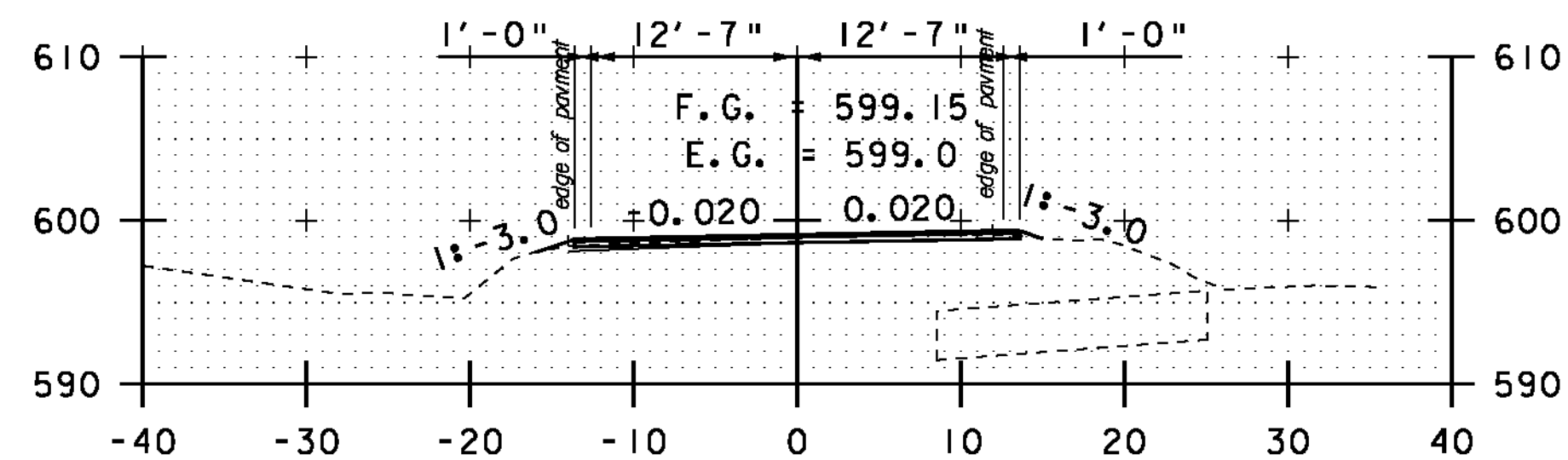
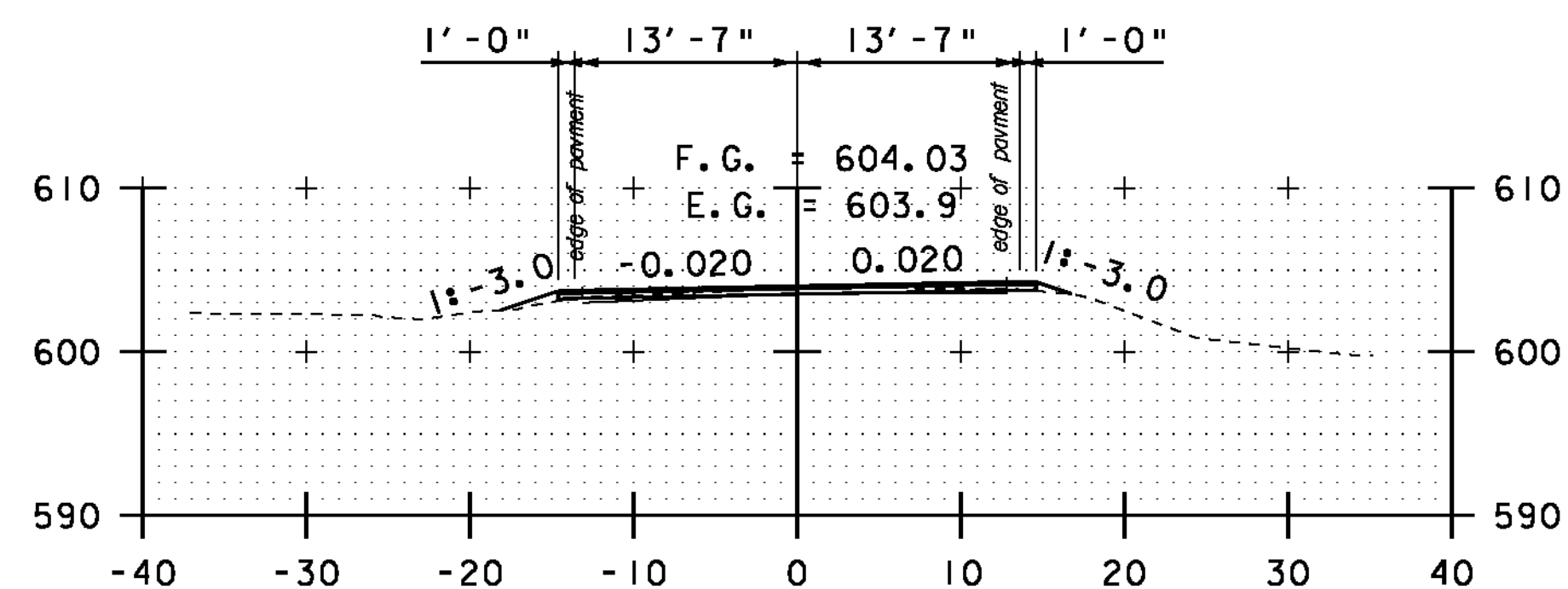
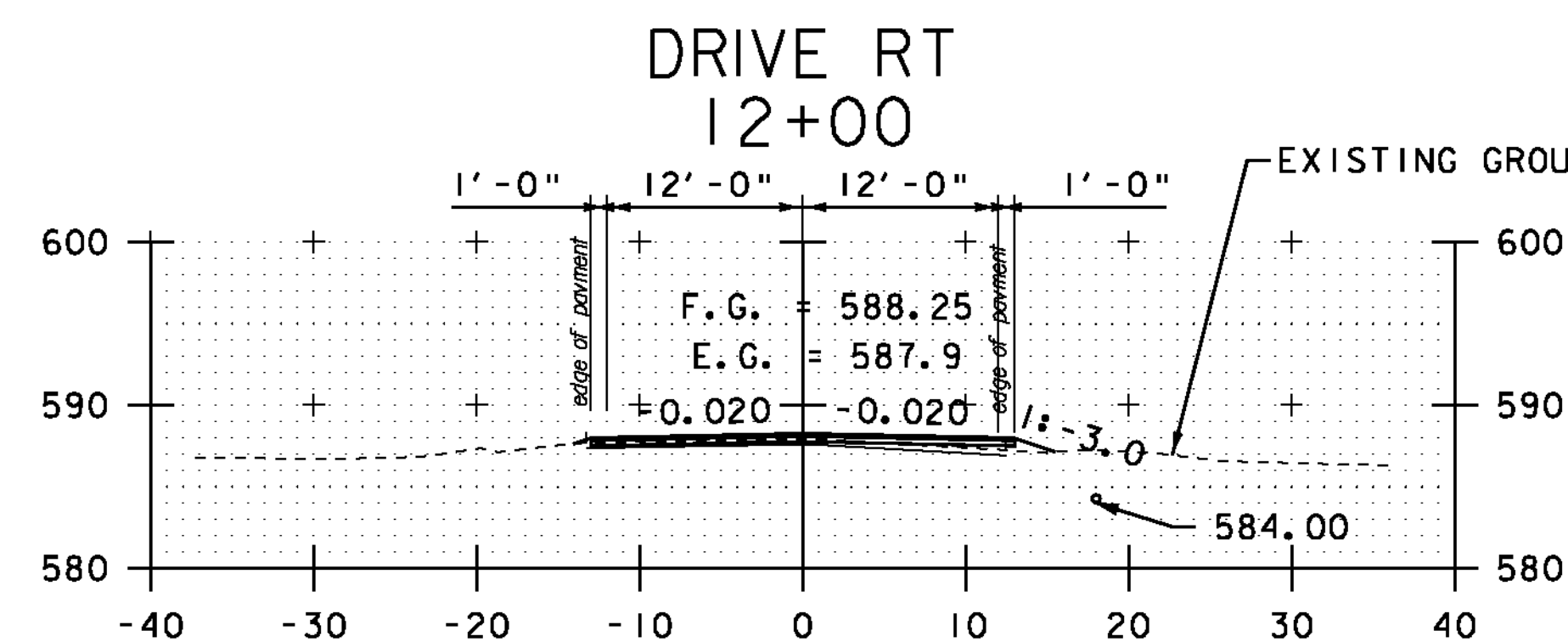
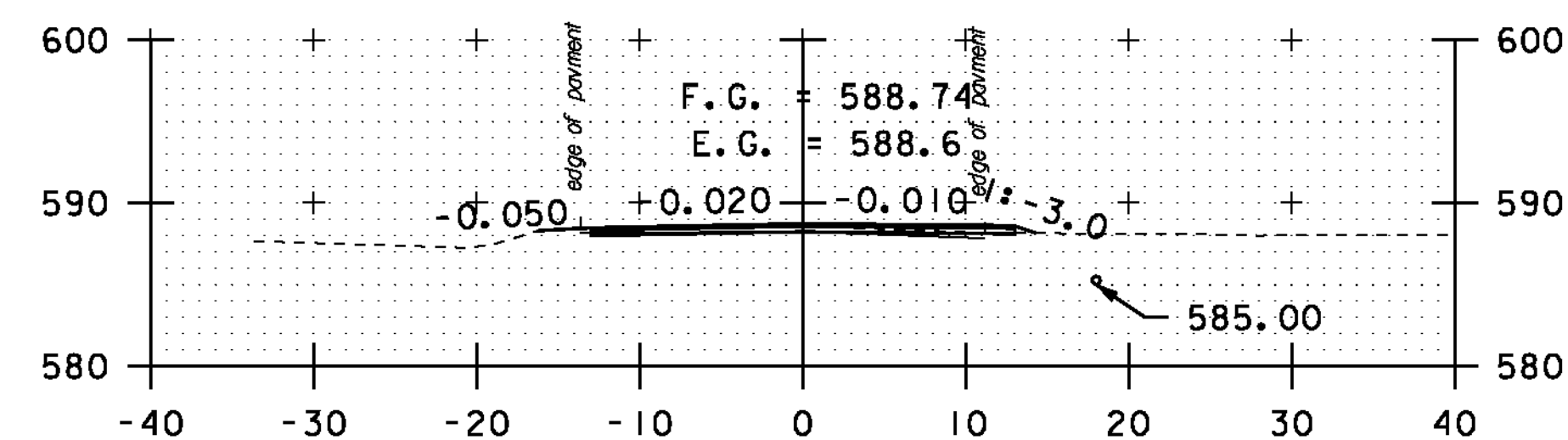
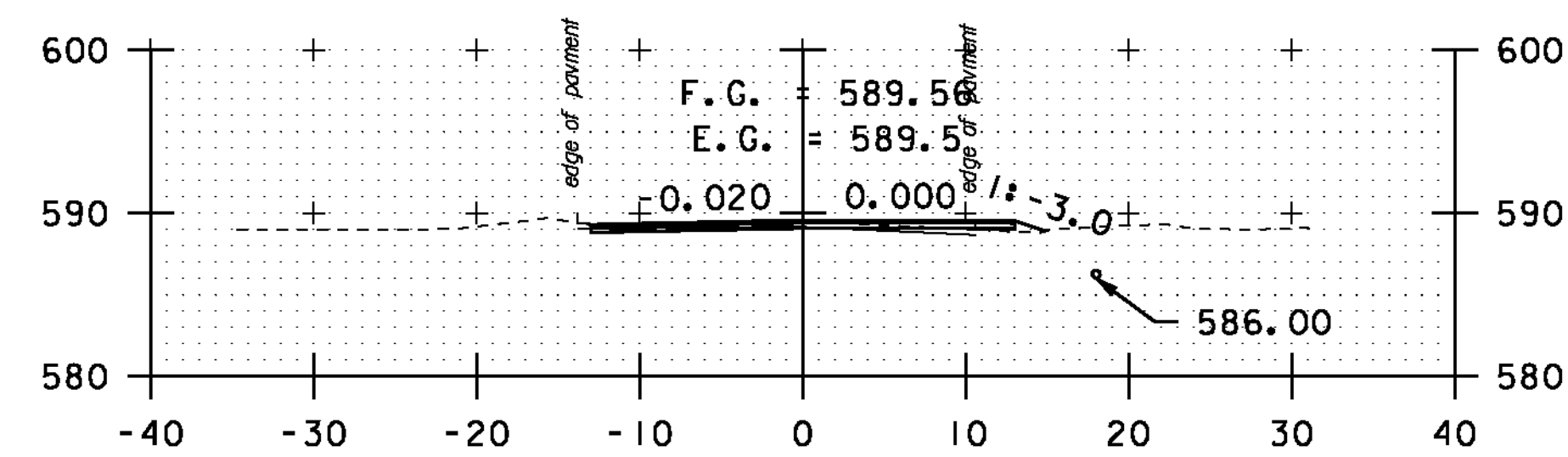
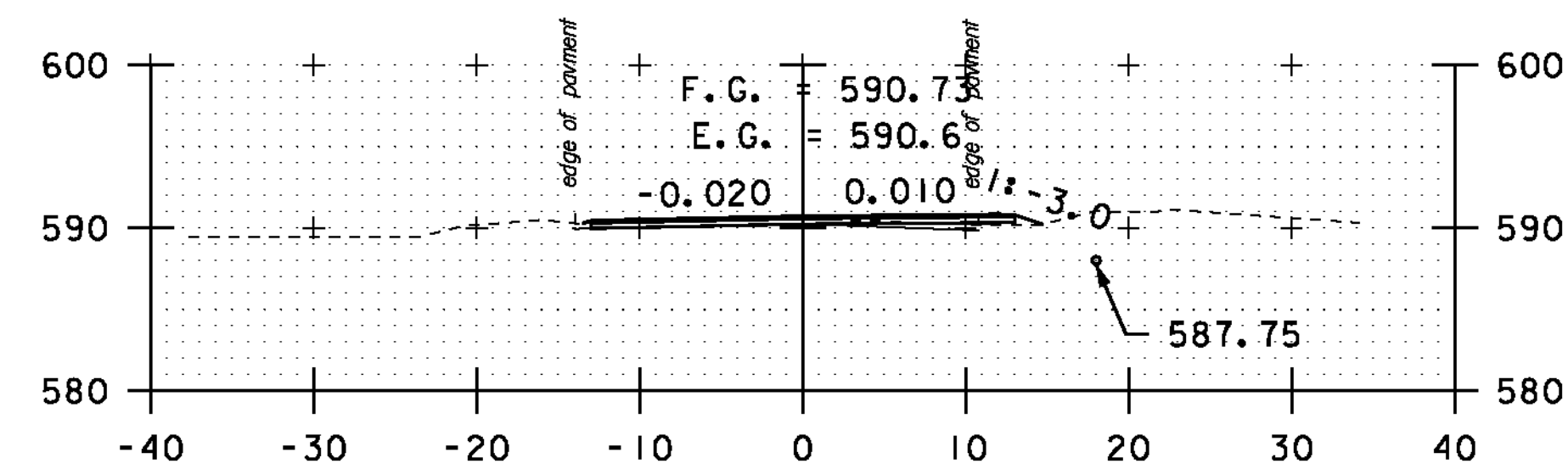


STA. 6+00 TO STA. 11+00

SCALE 1" = 10'-0"

**CROSS
SECTION
SHEET 2**

PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(1)
FILE NAME: p10ci90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10ci90.i16b.1
PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: CDL
SHEET 116B OF 178

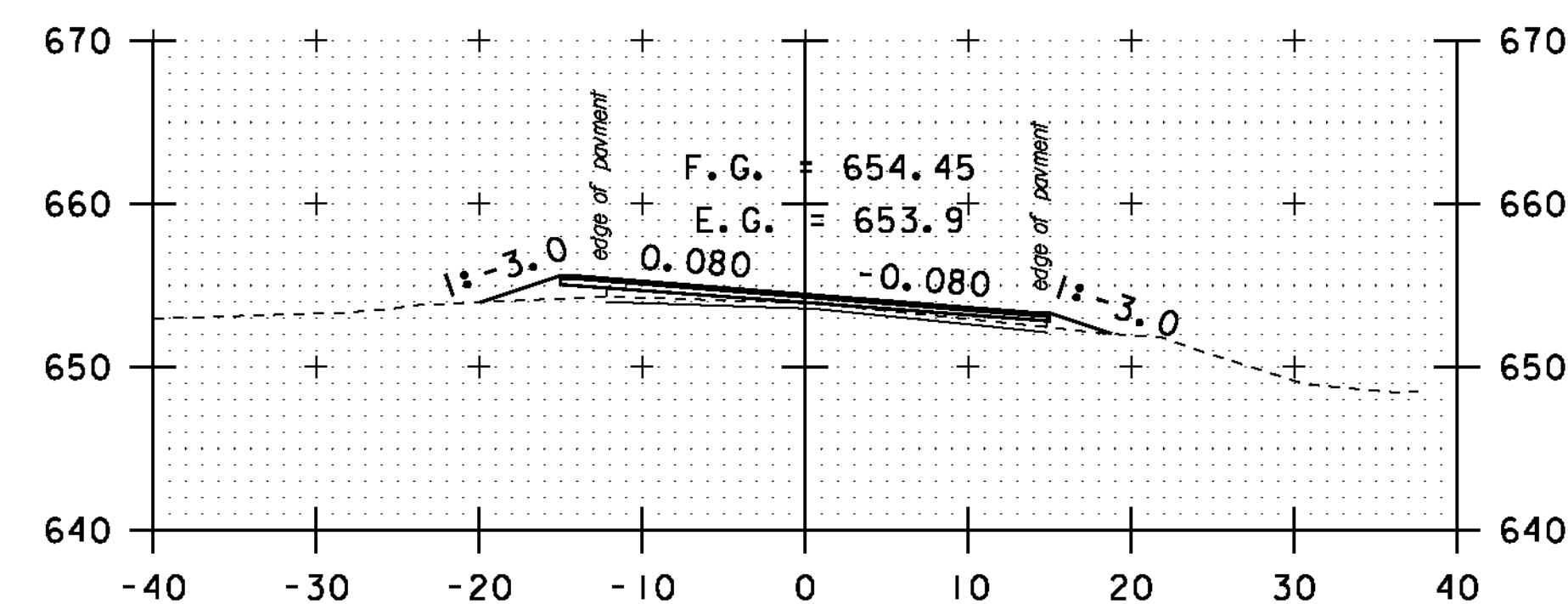
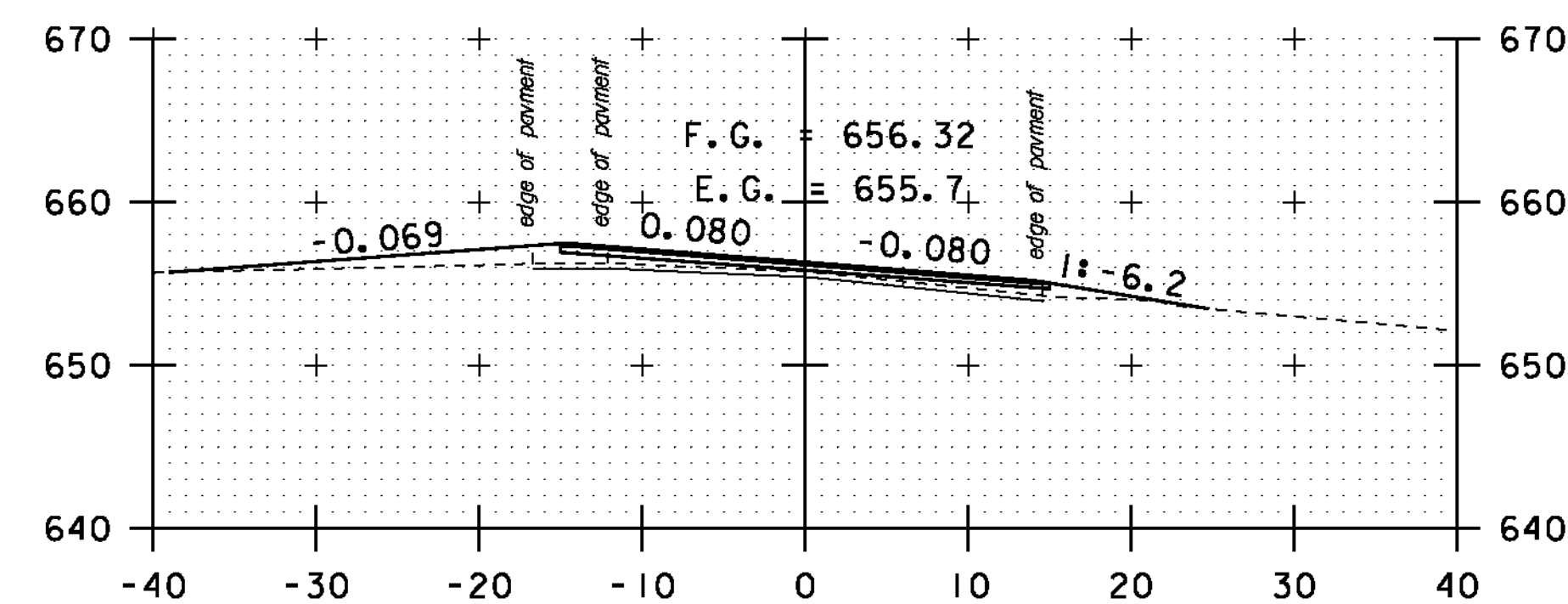
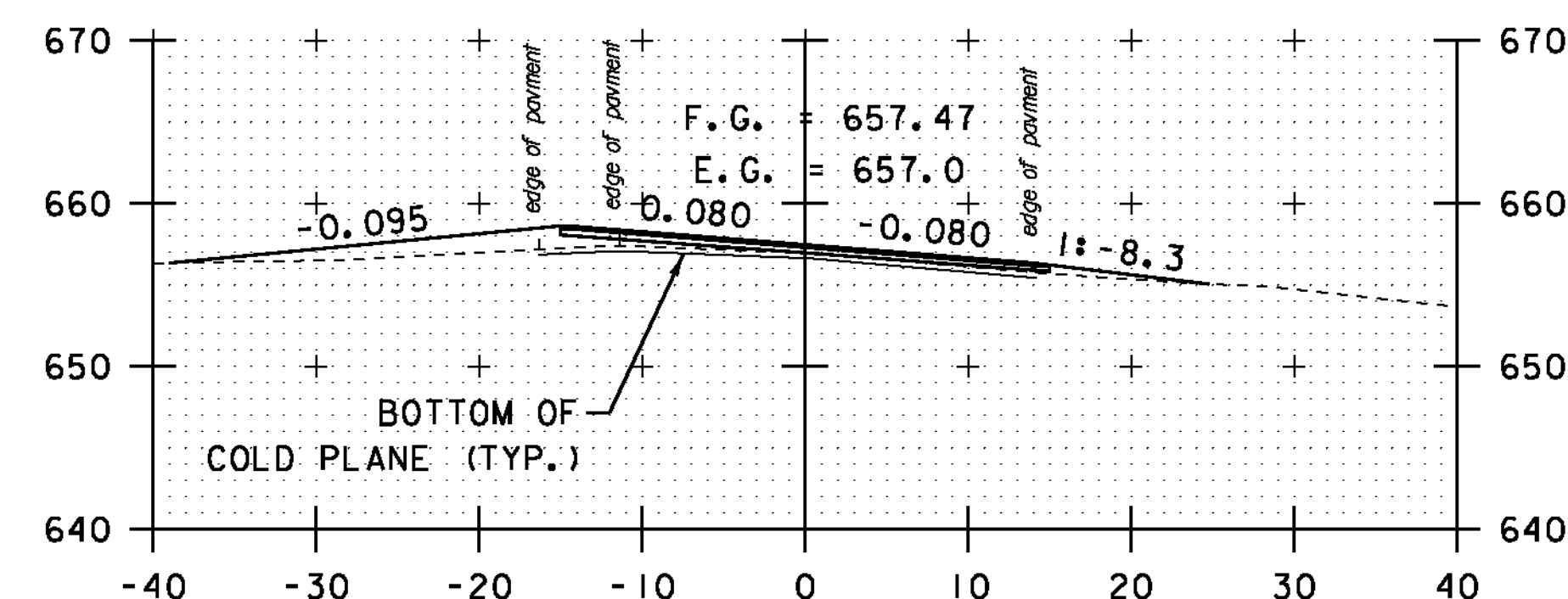
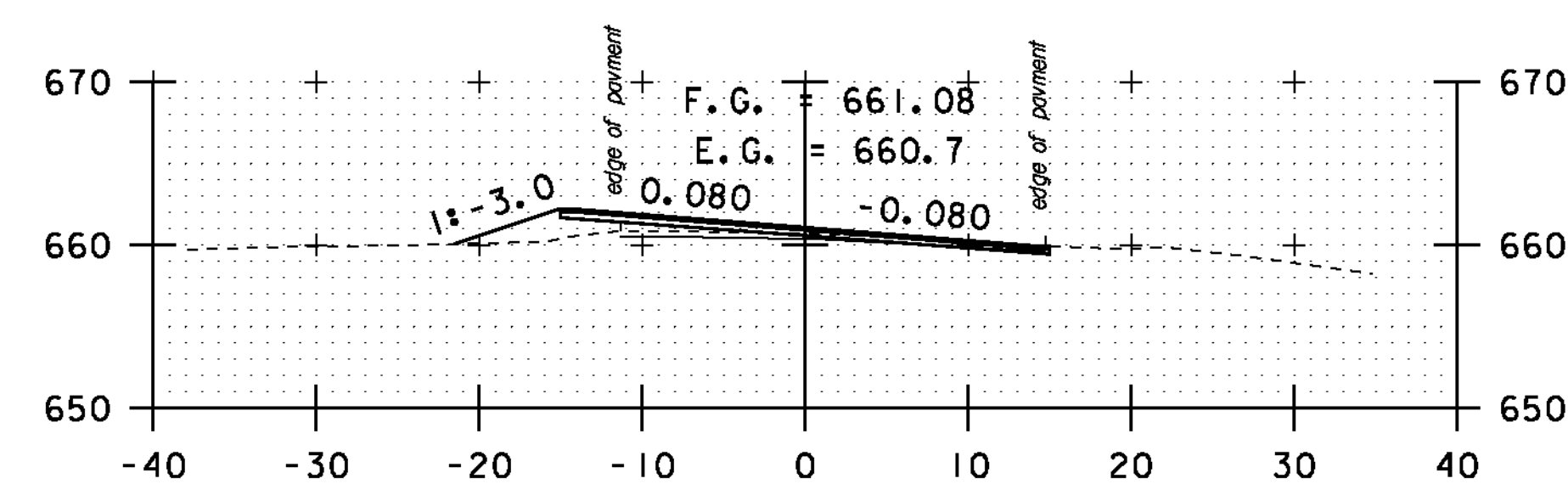
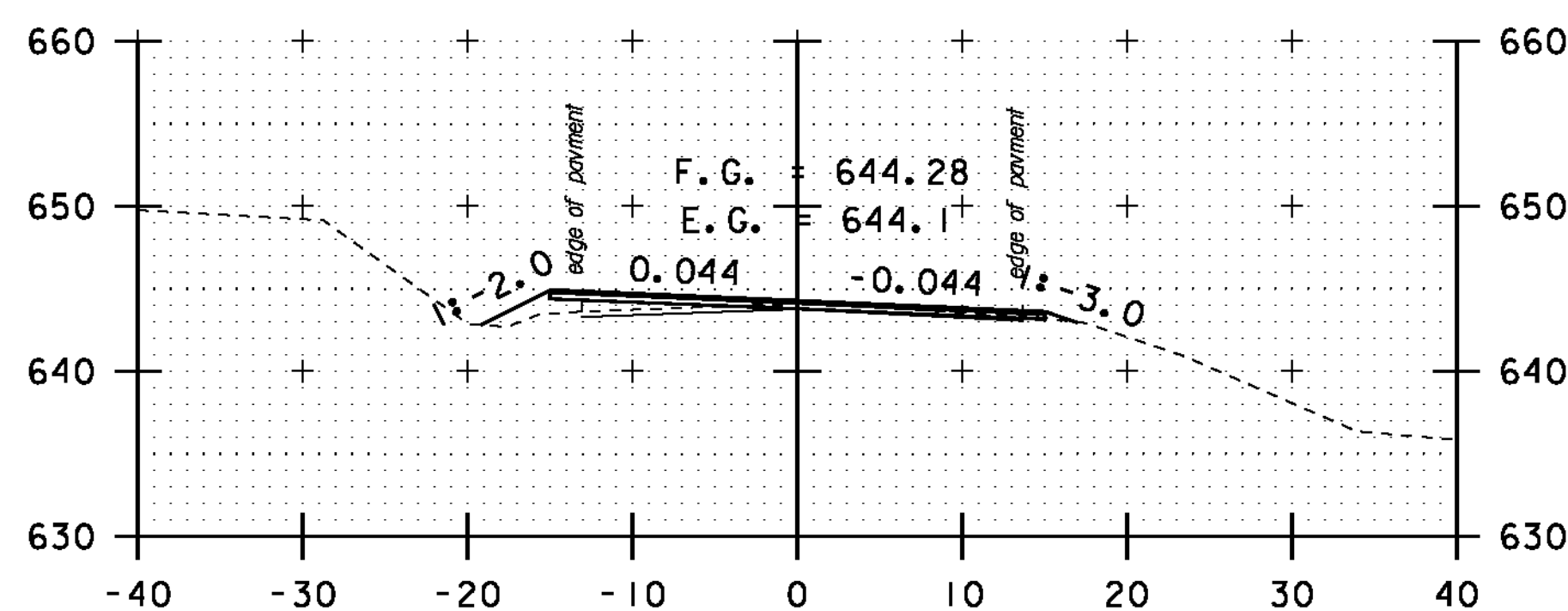
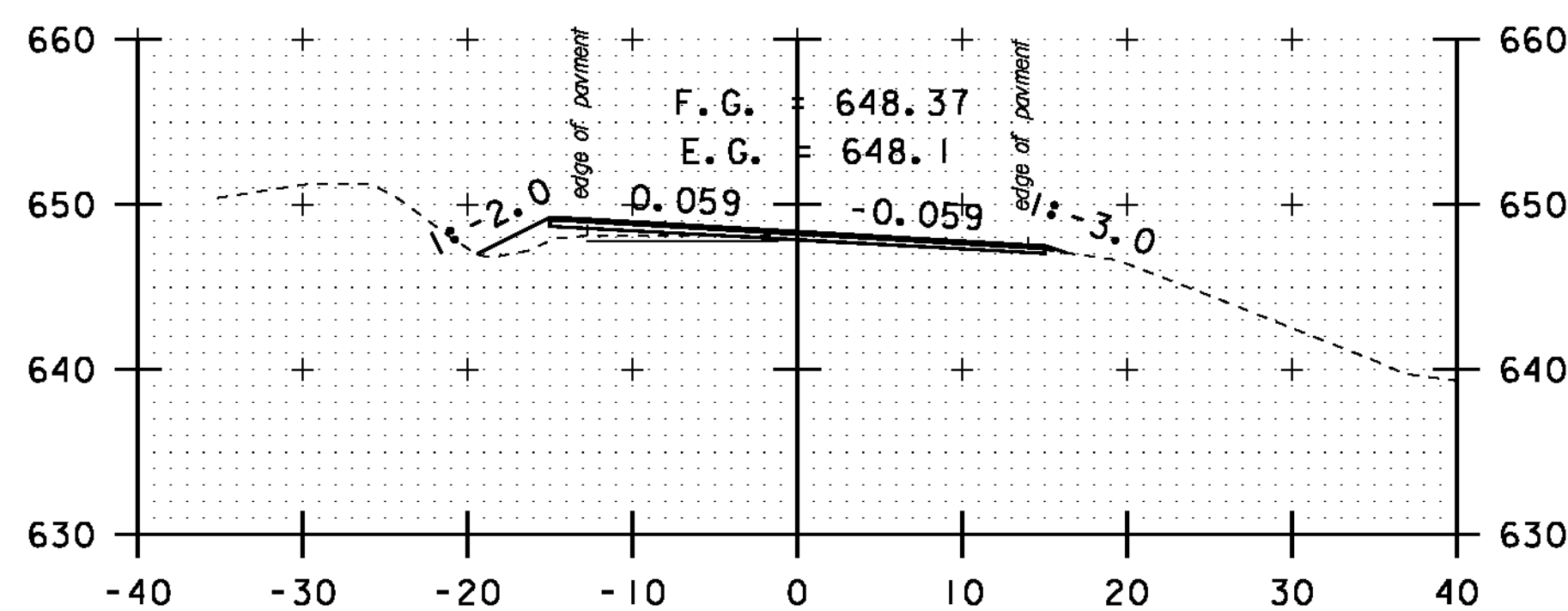
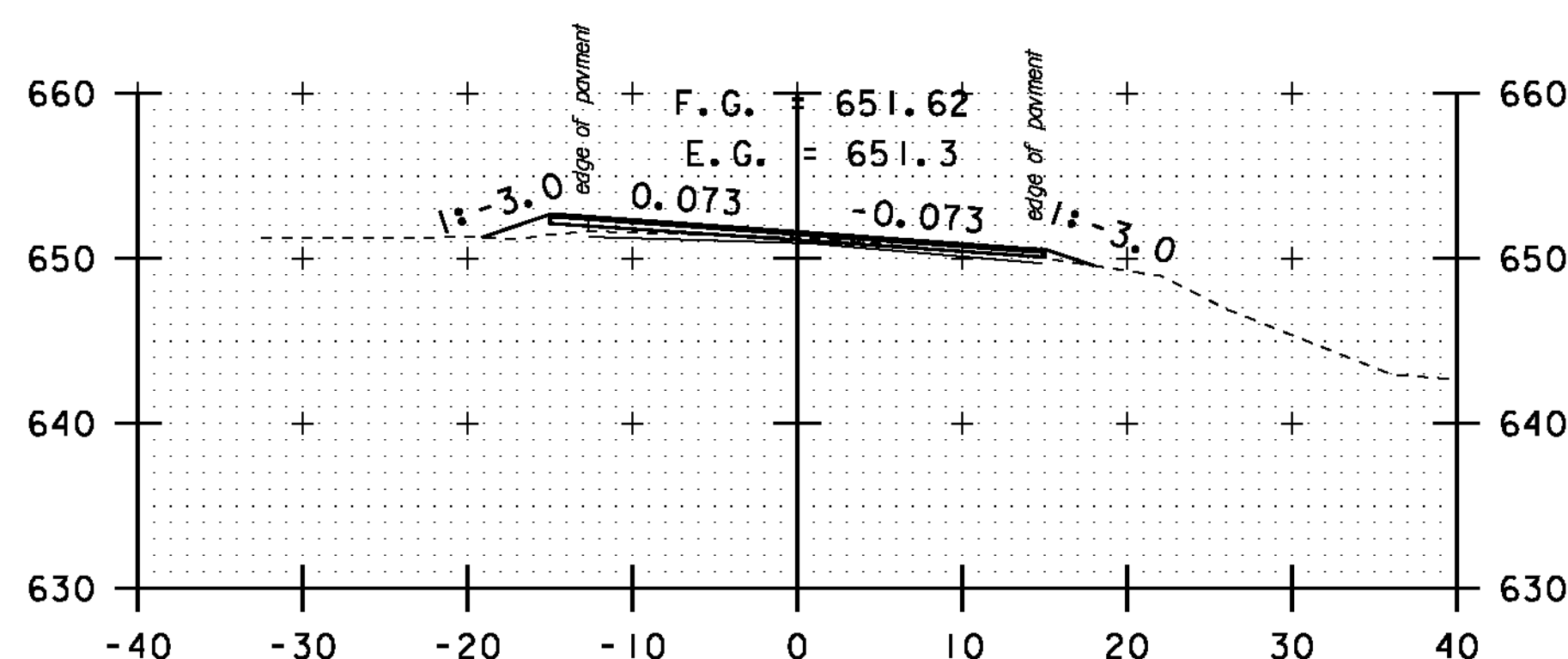
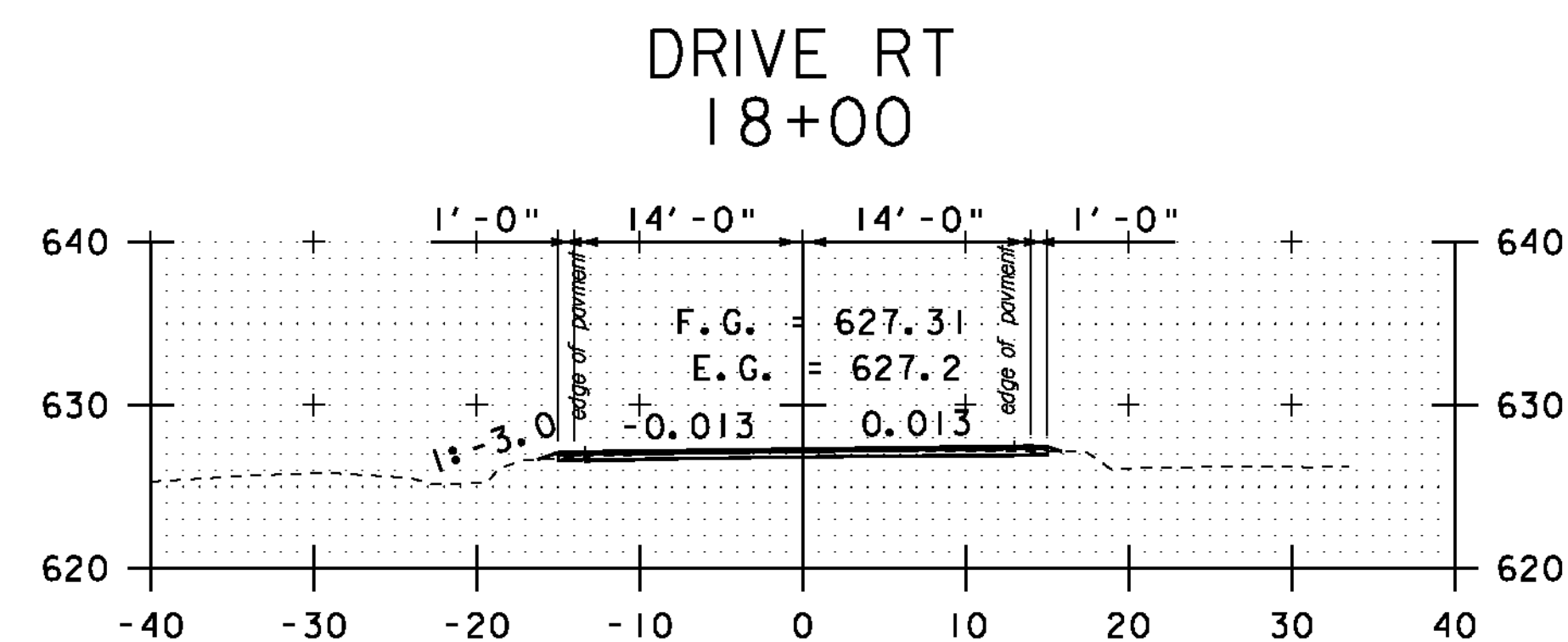
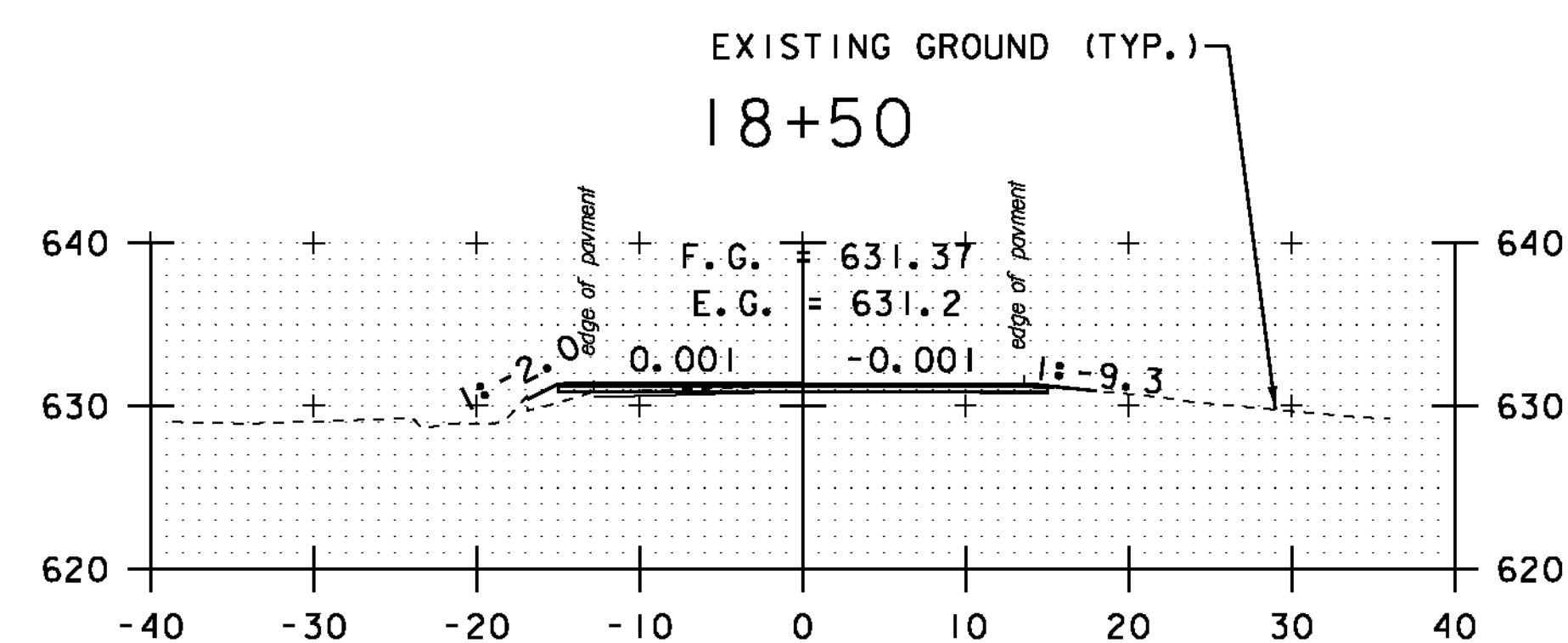
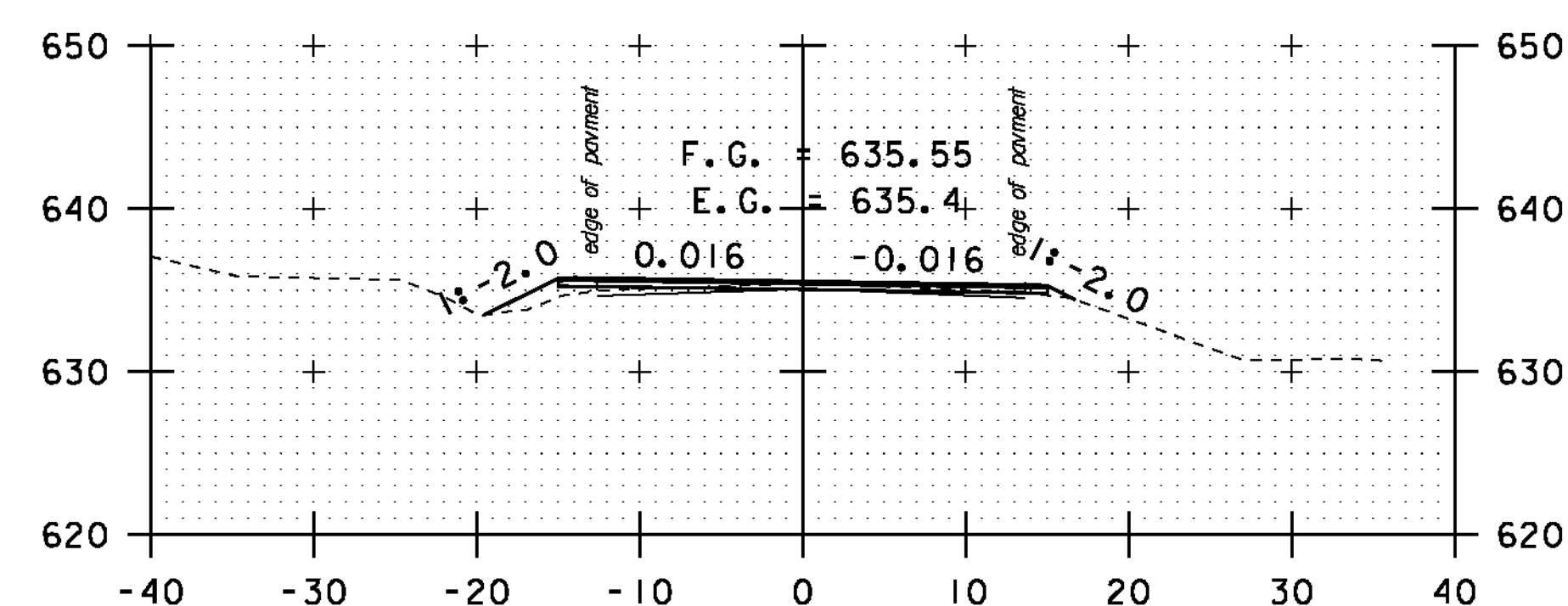
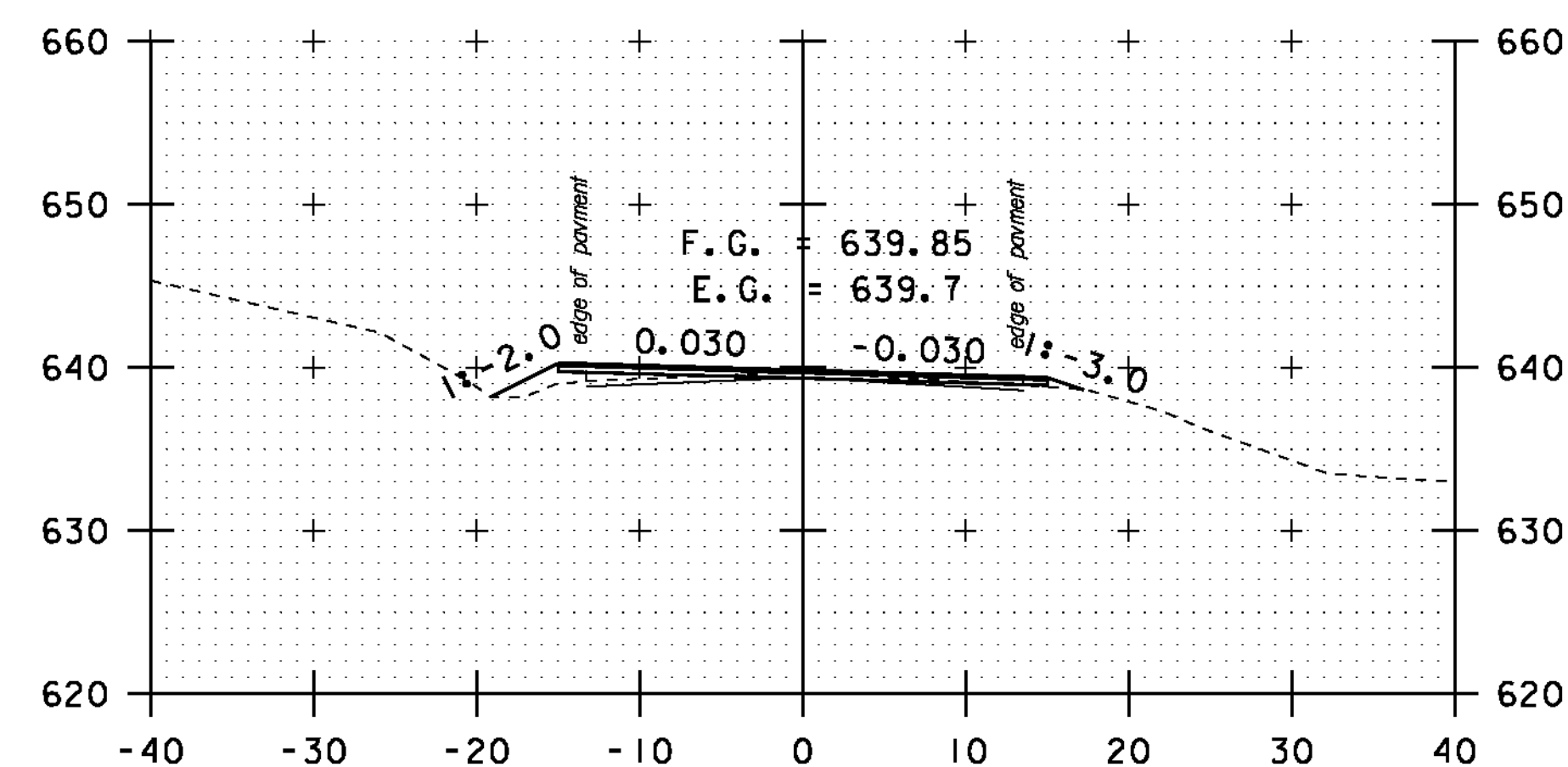


STA. 11+50 TO STA. 17+00

SCALE 1" = 10'-0"

CROSS SECTION SHEET 3

PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(1)
FILE NAME: p10CI90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10CI90.I17.1
PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: CDL
SHEET 117 OF 178



TH #14 LT/ DRIVE RT

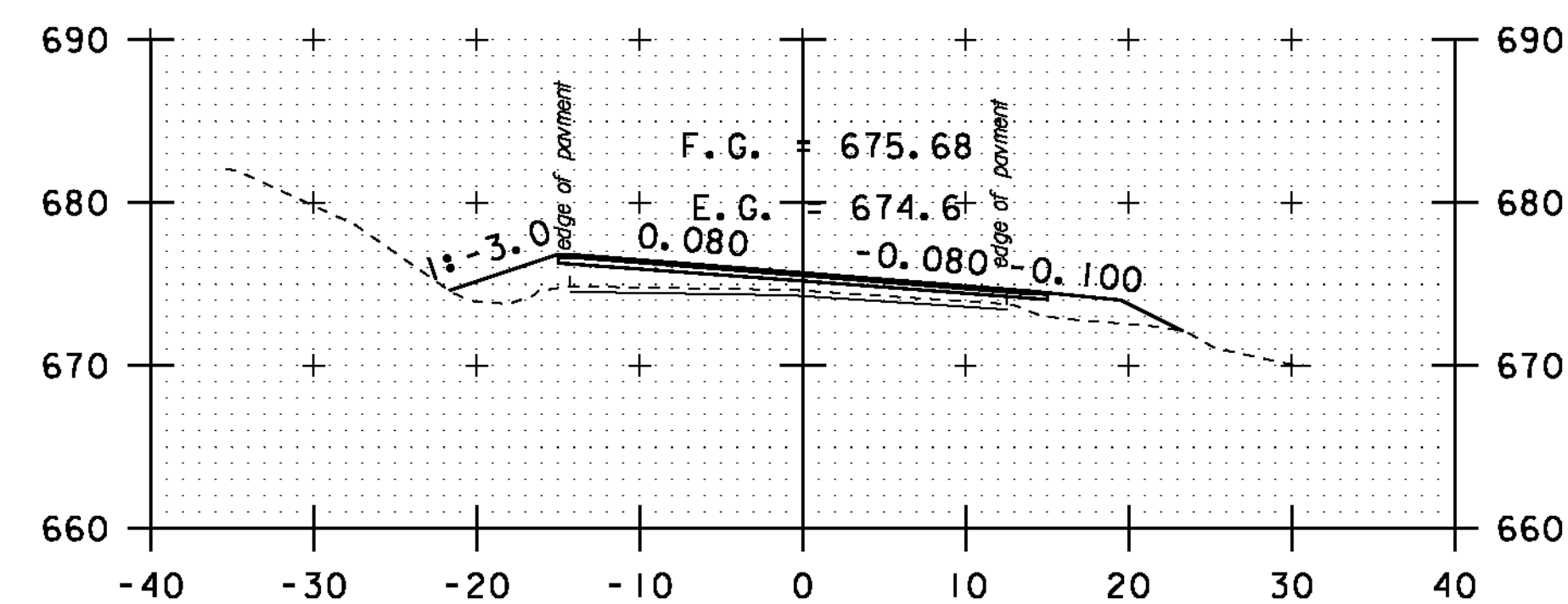
TH #14 LT/ DRIVE RT

STA. 17+50 TO STA. 22+00

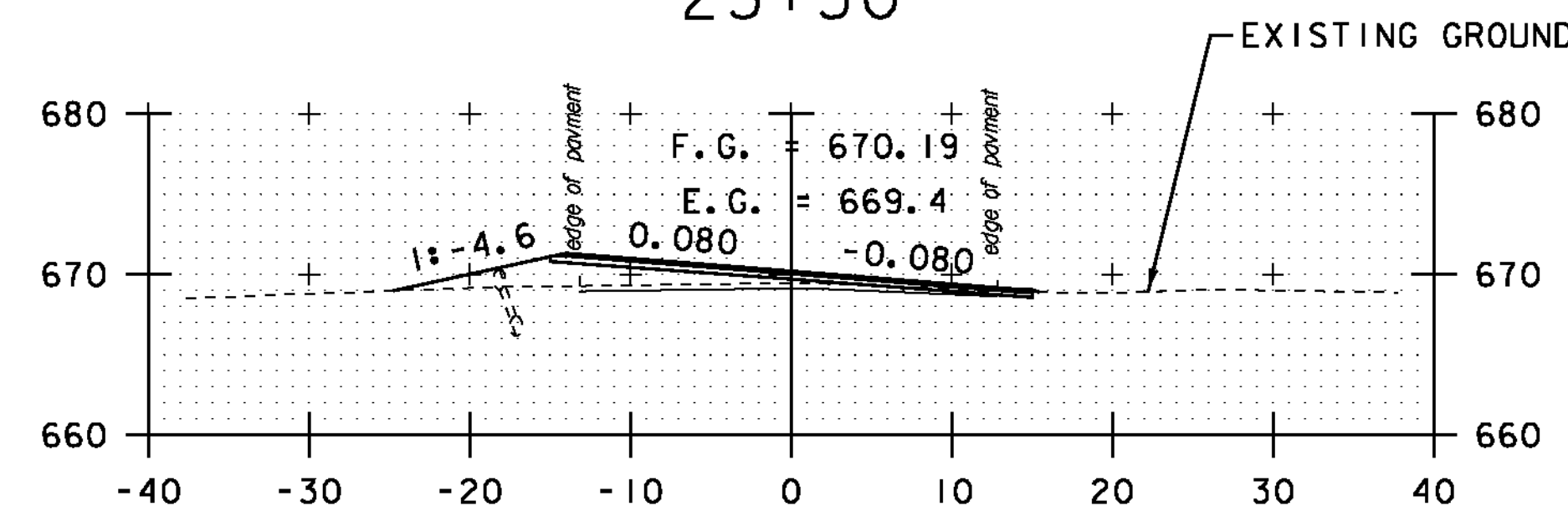
SCALE 1" = 10'-0"

CROSS
SECTION
SHEET 4

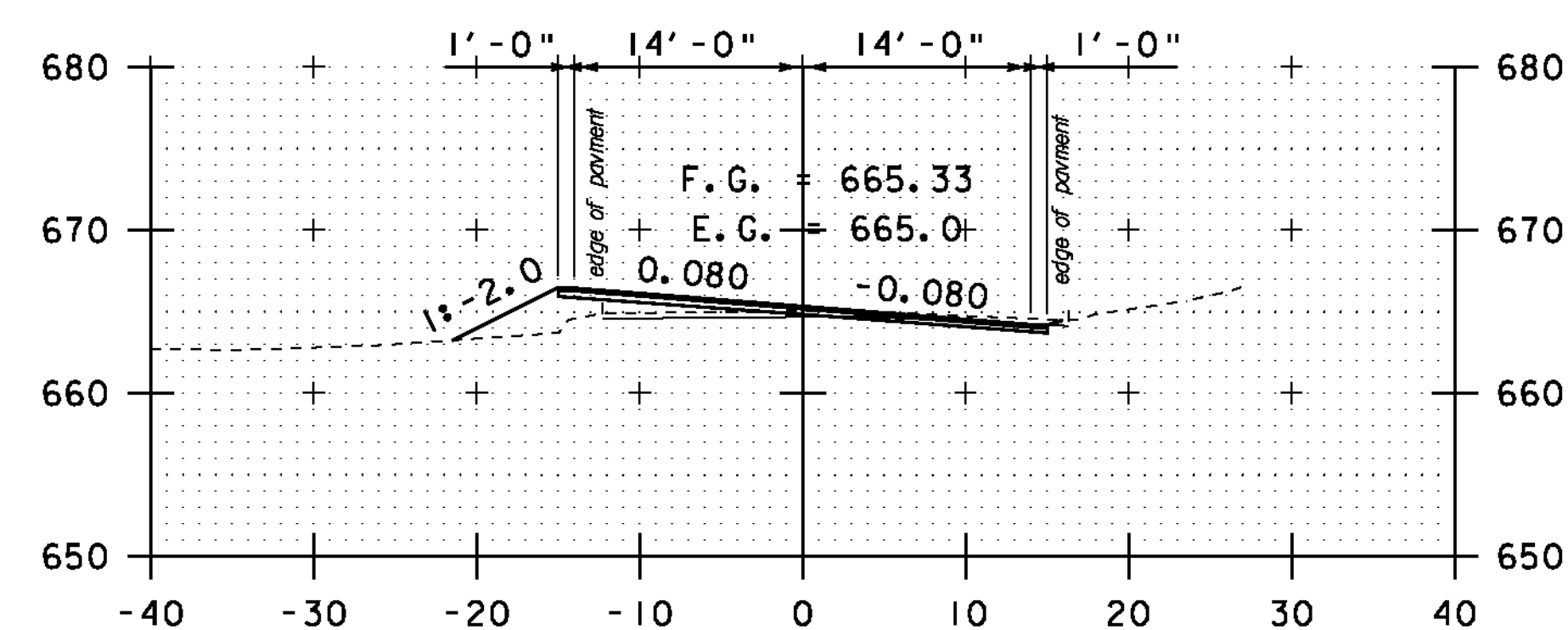
PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(I)
FILE NAME: p10CI90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10CI90.I18.1
PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: CDL
SHEET 118 OF 178



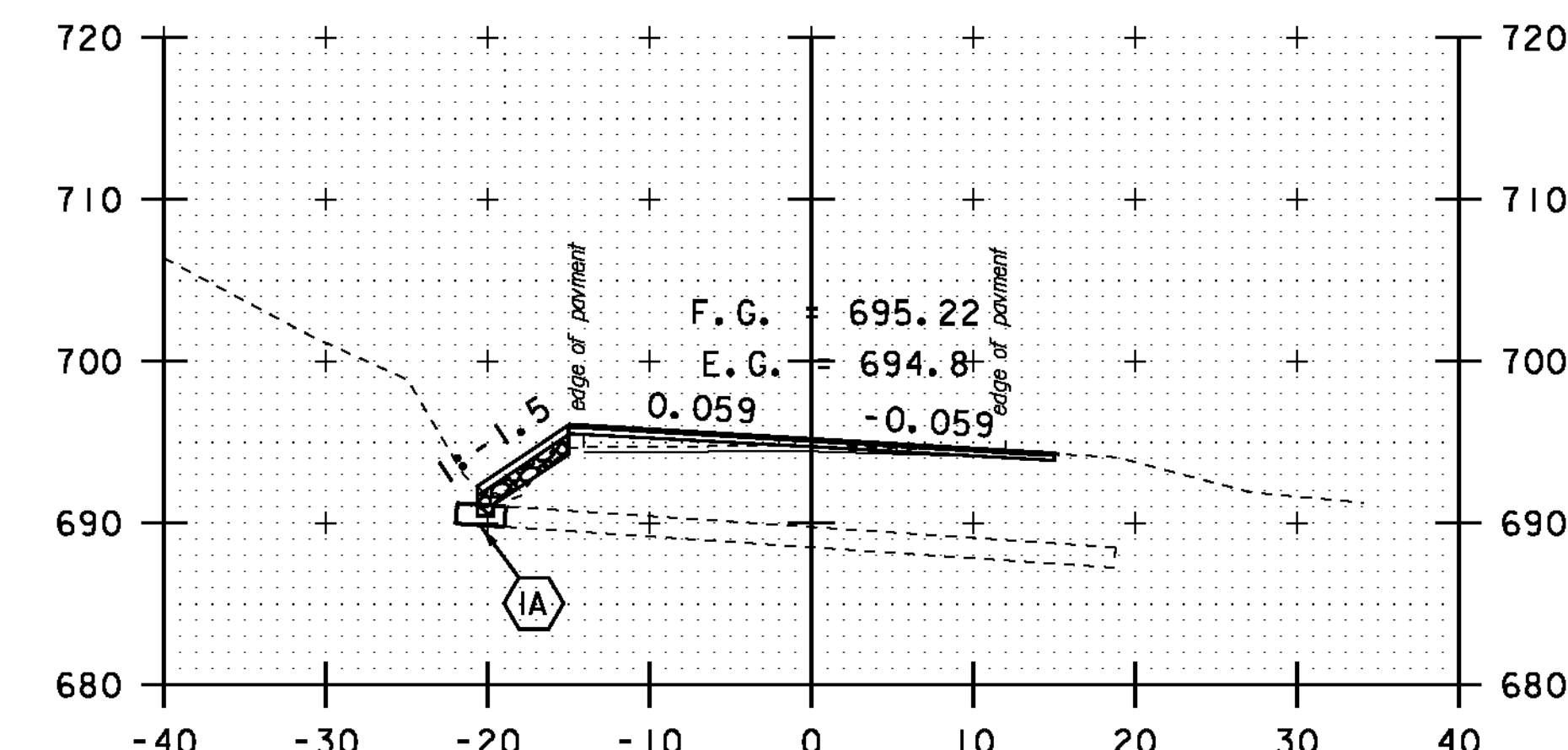
DRIVE RT
23+50



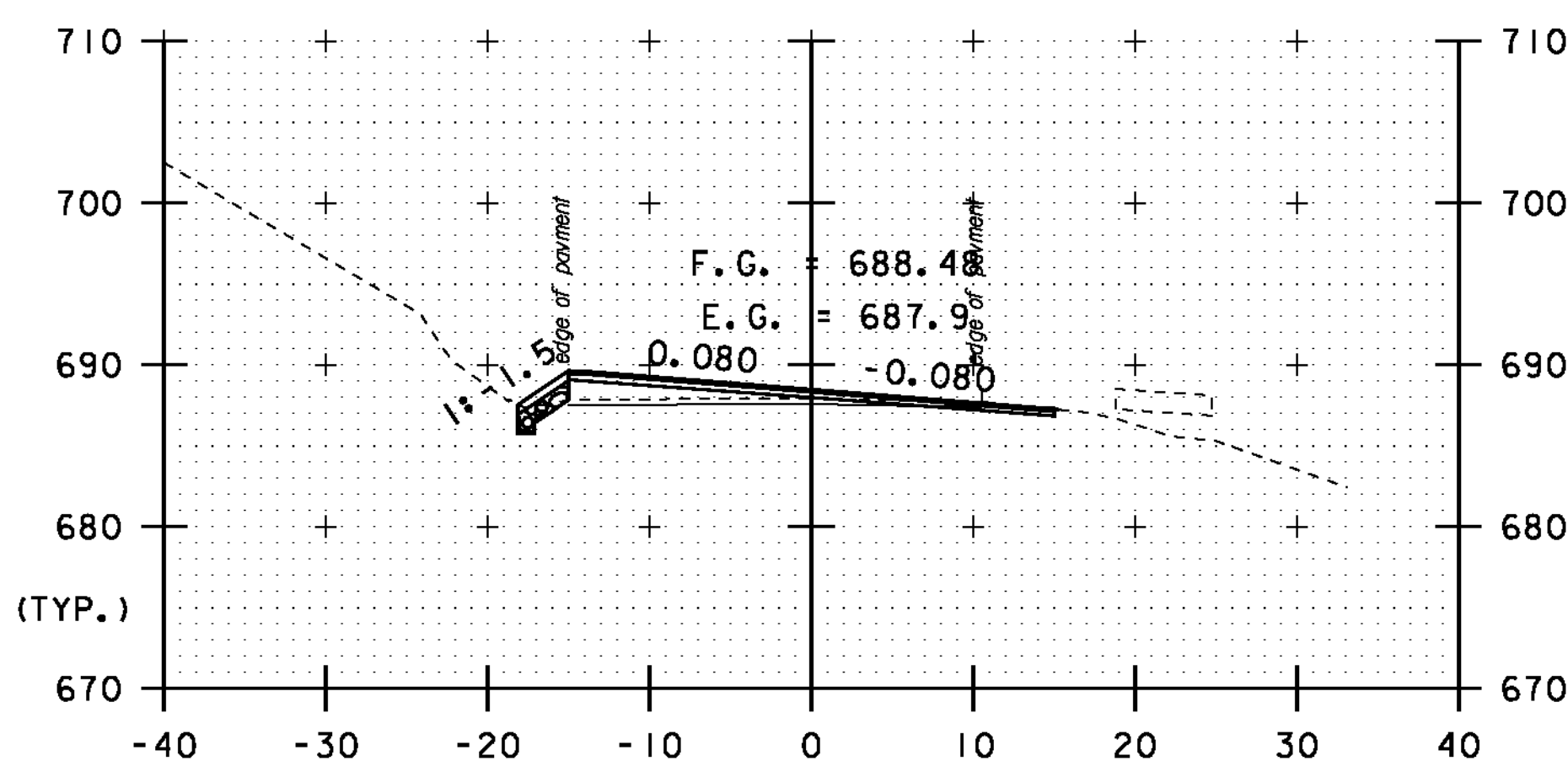
DRIVE LT
23+00



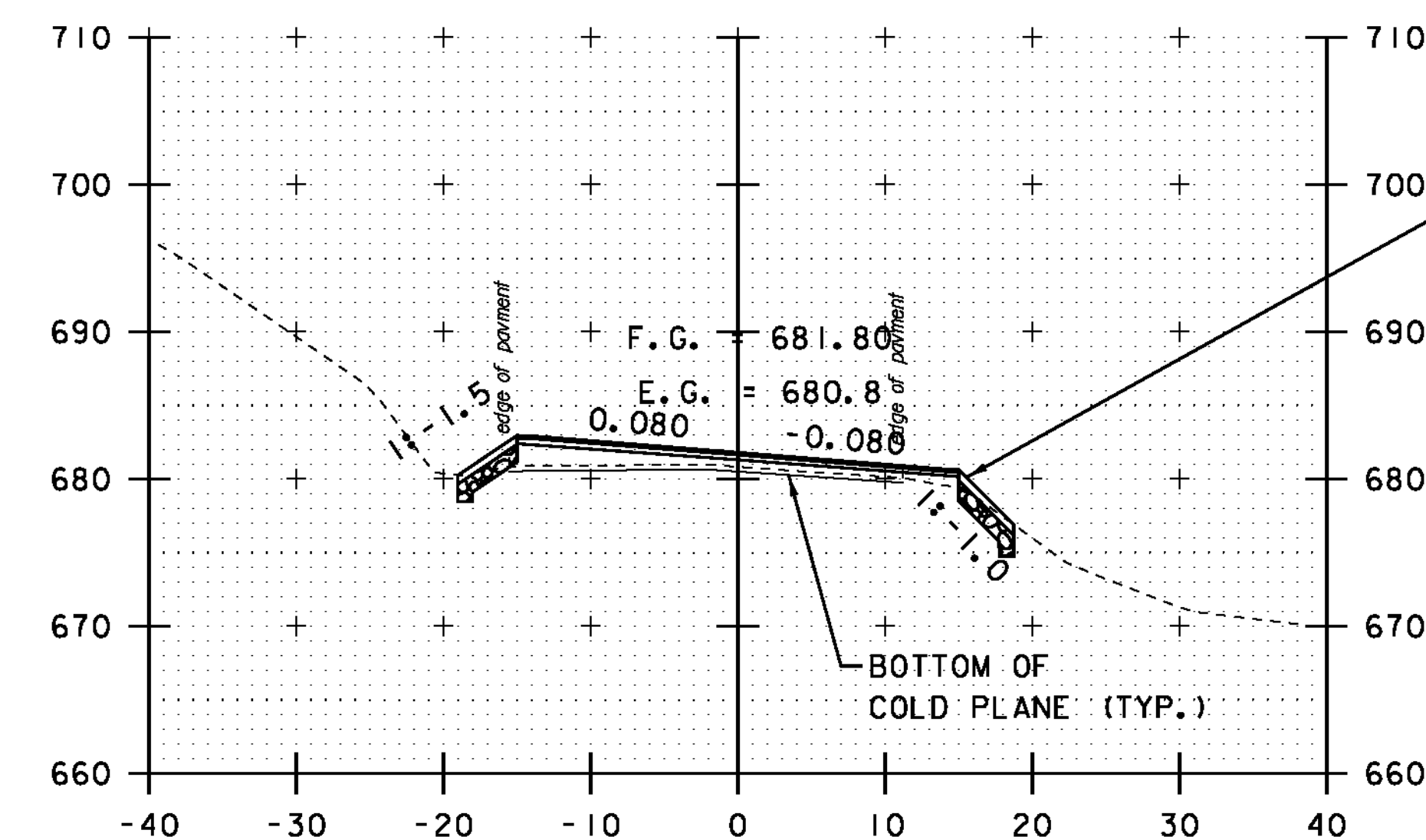
22+50



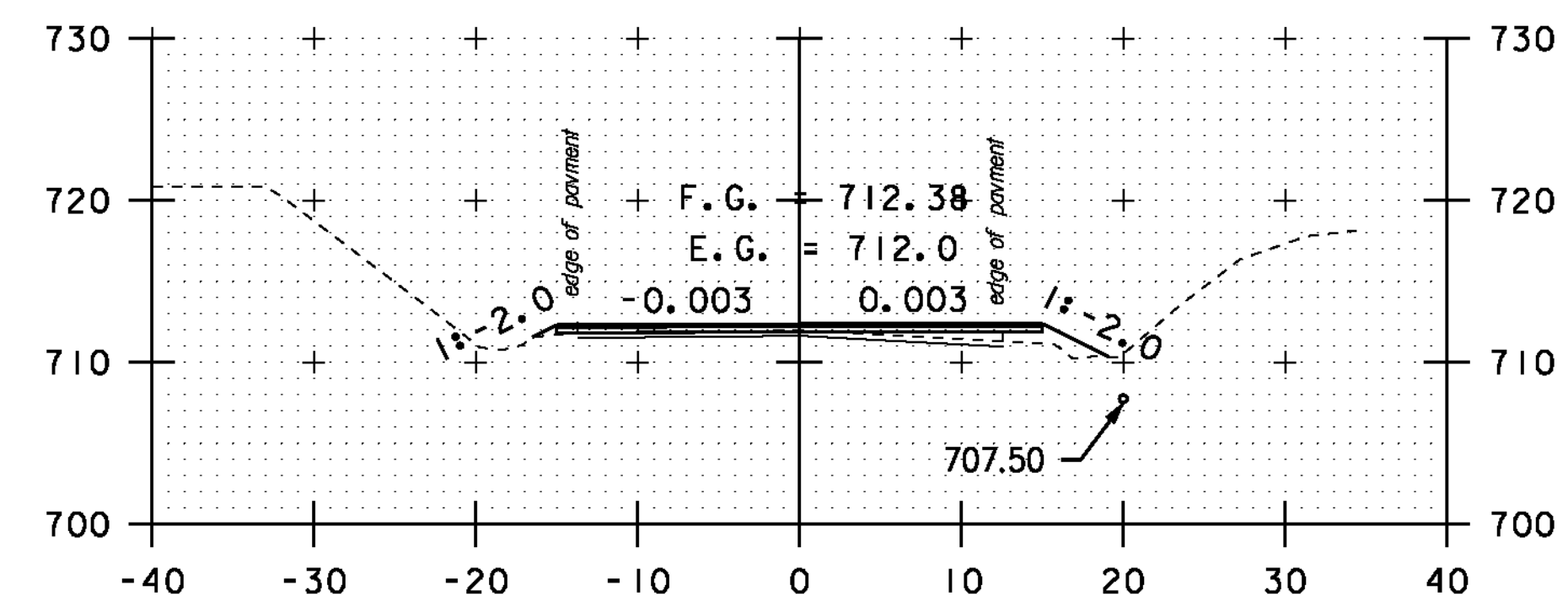
25+00



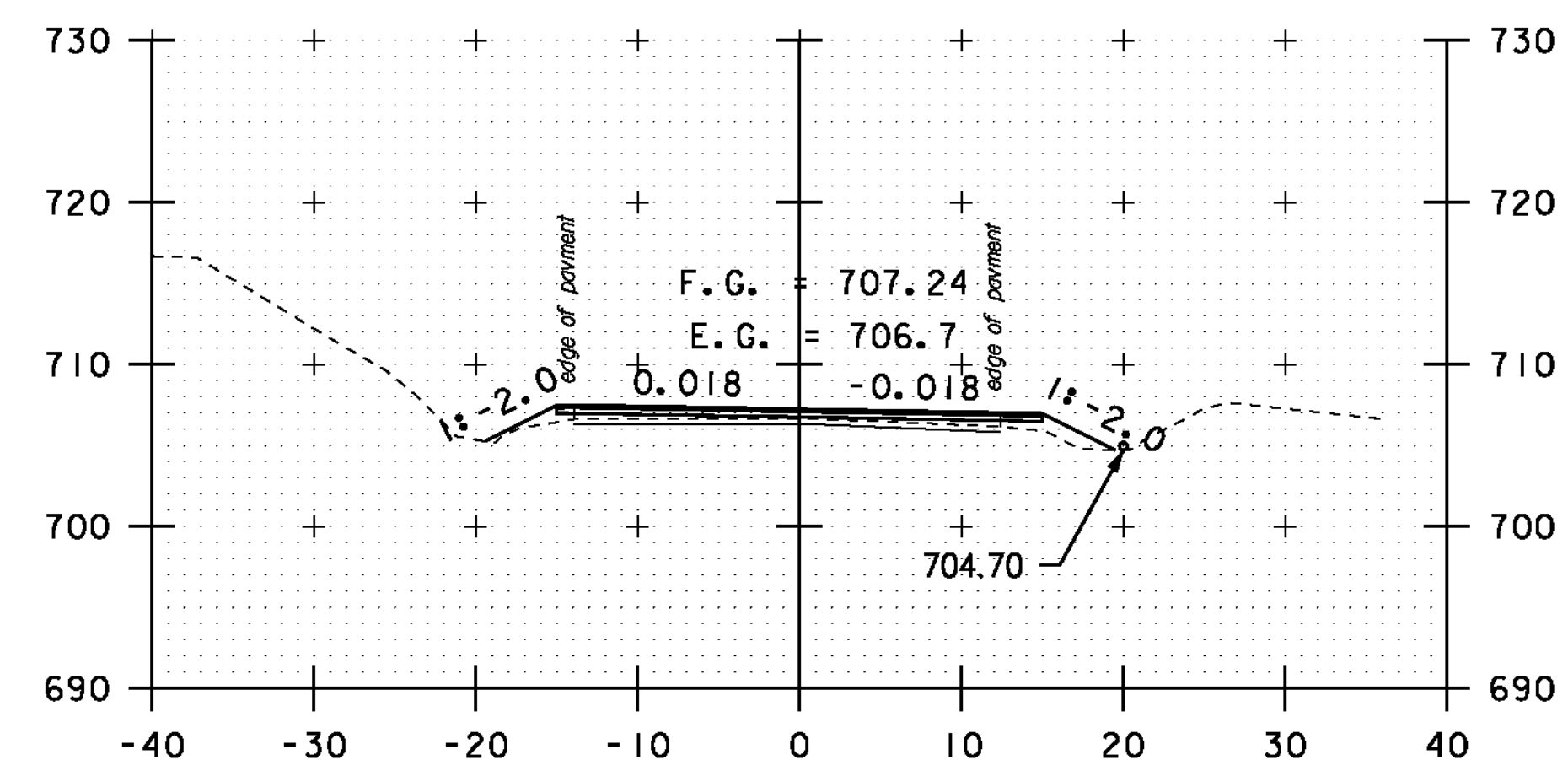
24+50



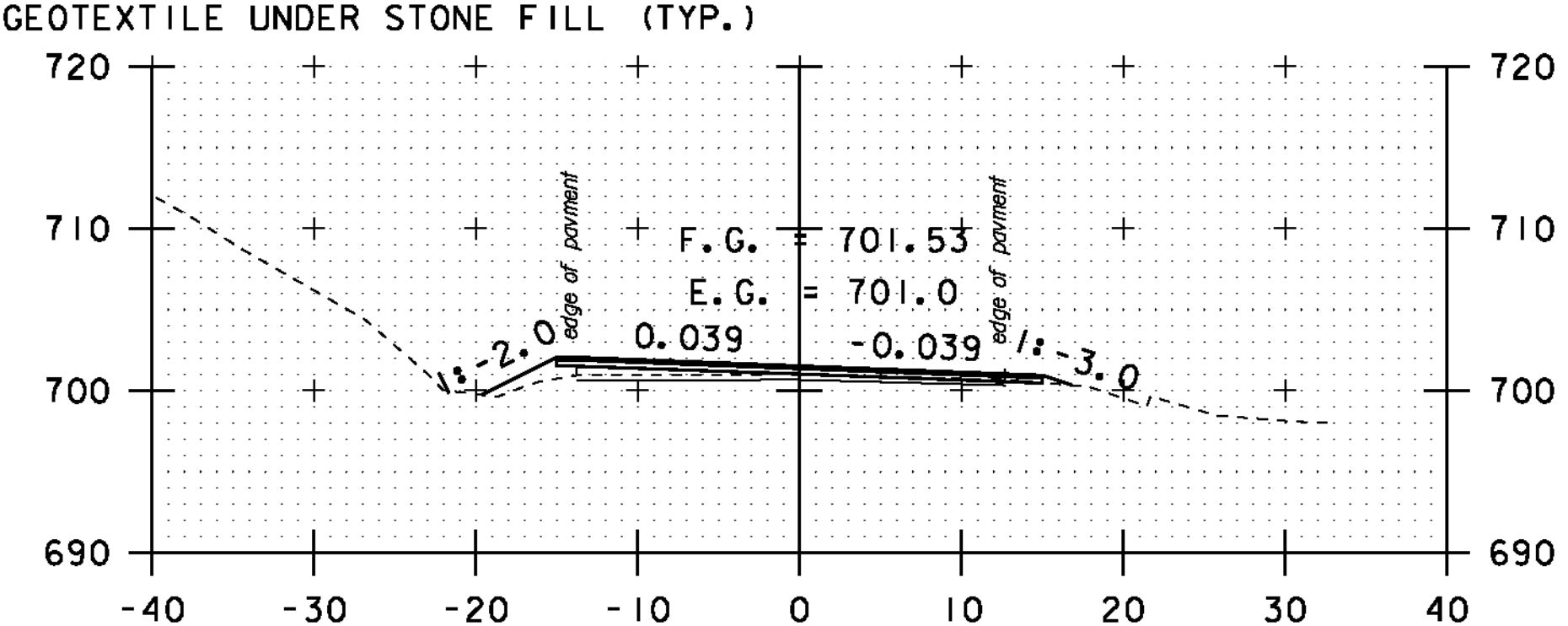
24+00



26+50



26+00



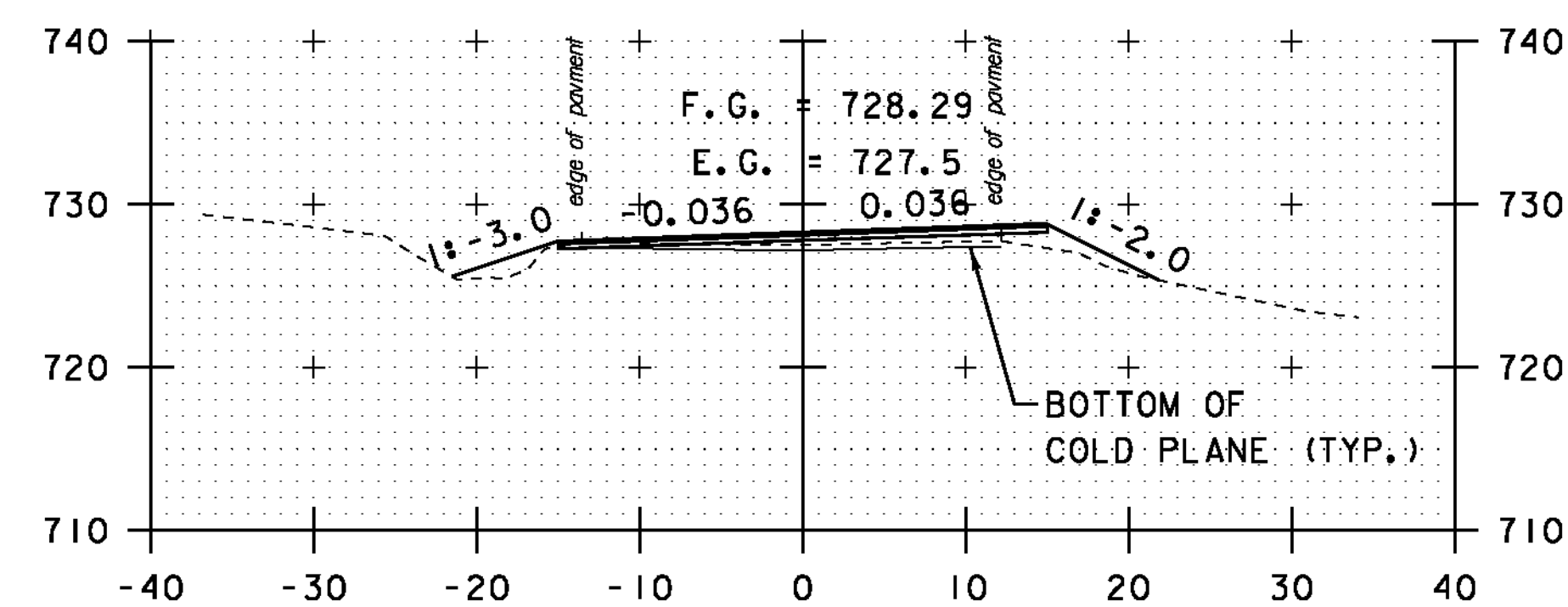
25+50

STA. 22+50 TO STA. 26+50

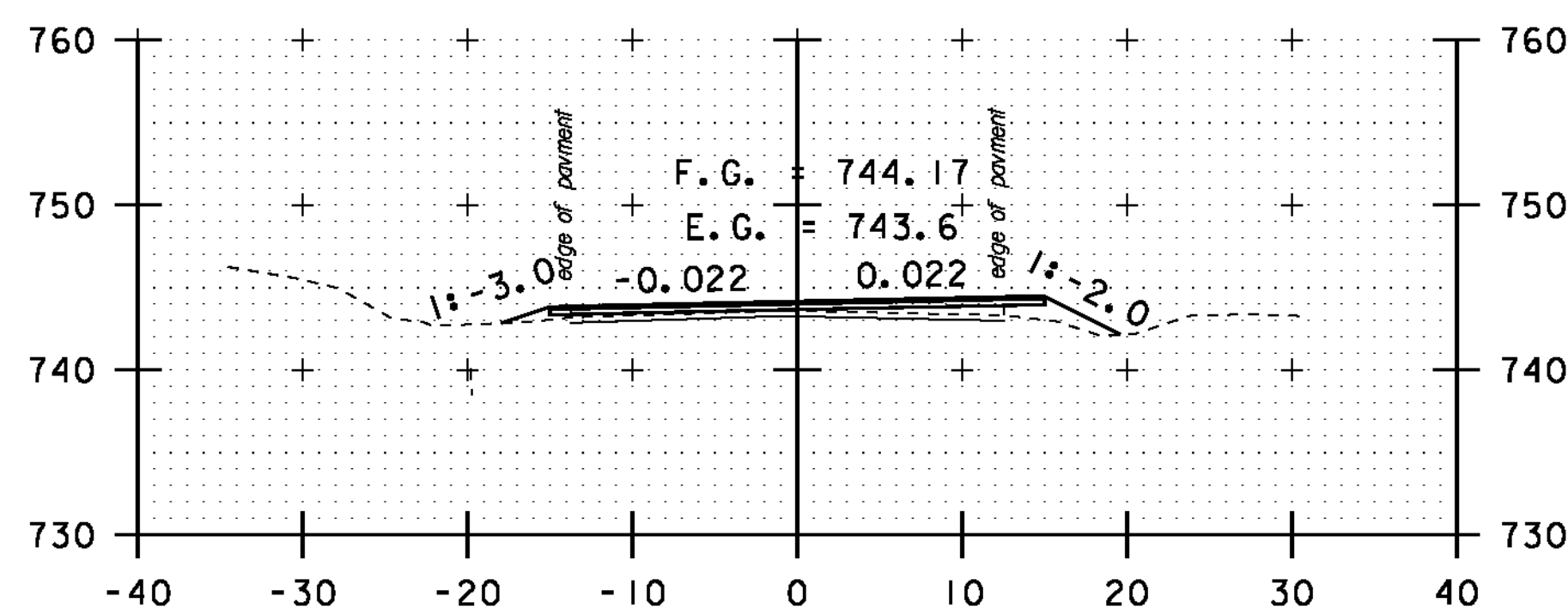
SCALE 1" = 10'-0"

**CROSS
SECTION
SHEET 5**

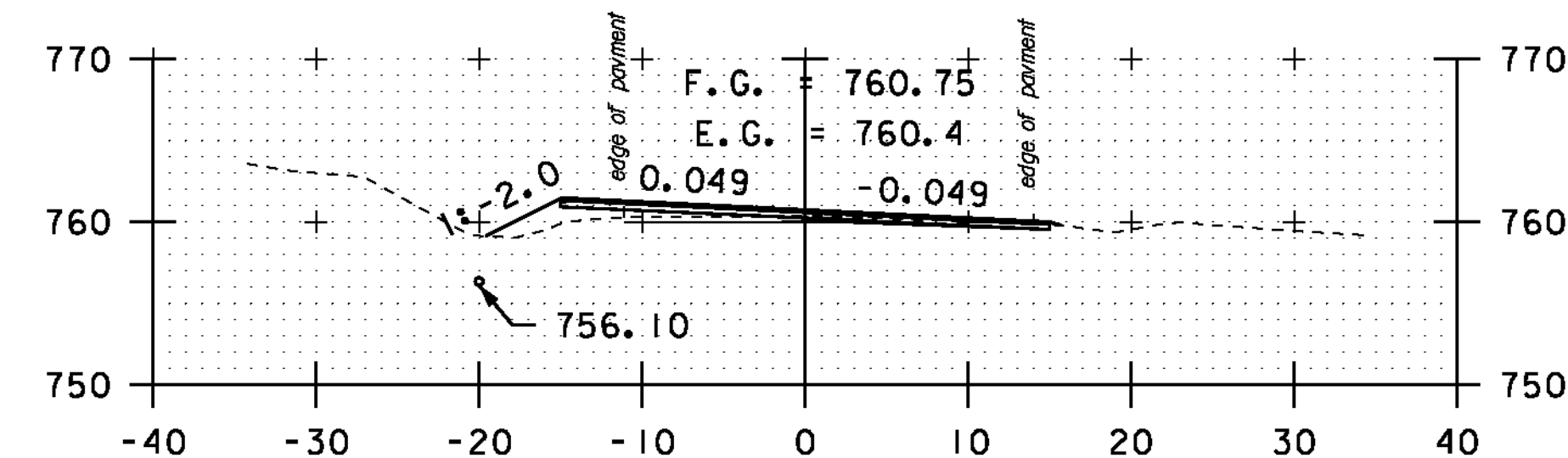
PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(1)
FILE NAME: p10CI90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10CI90_119.1
PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: CDL
SHEET 119 OF 178



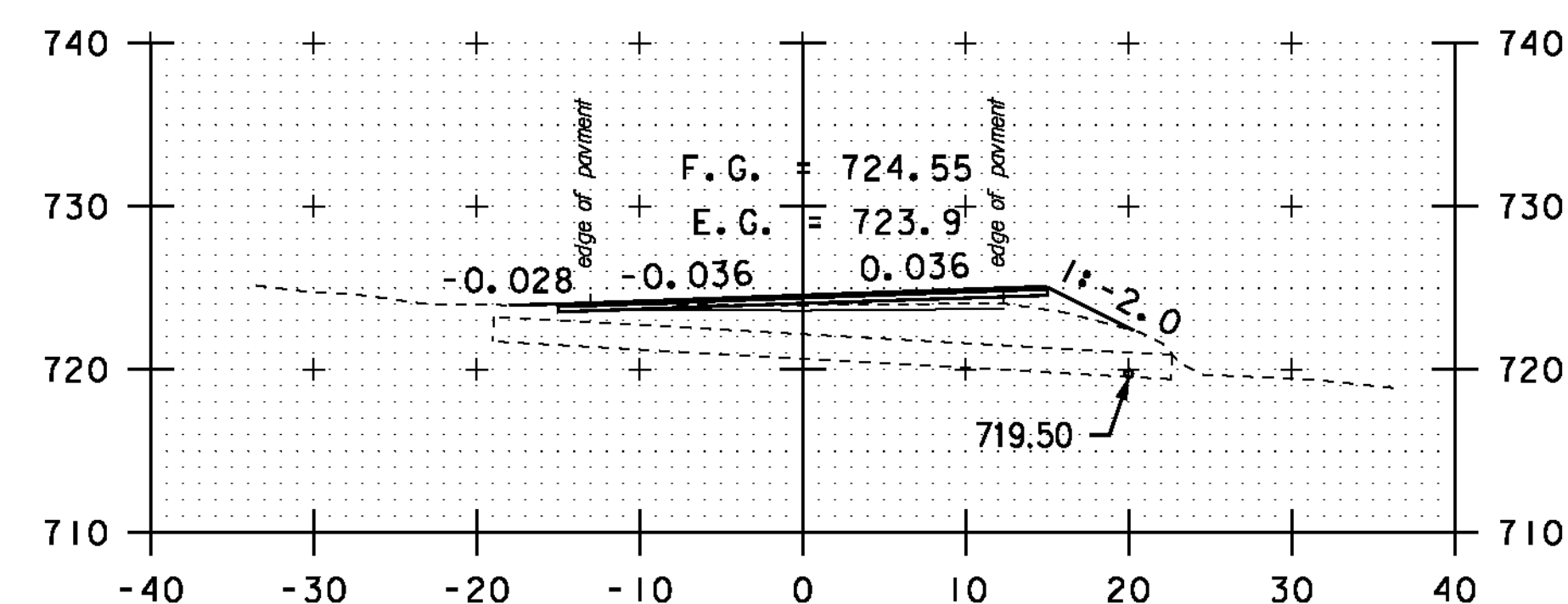
28+50



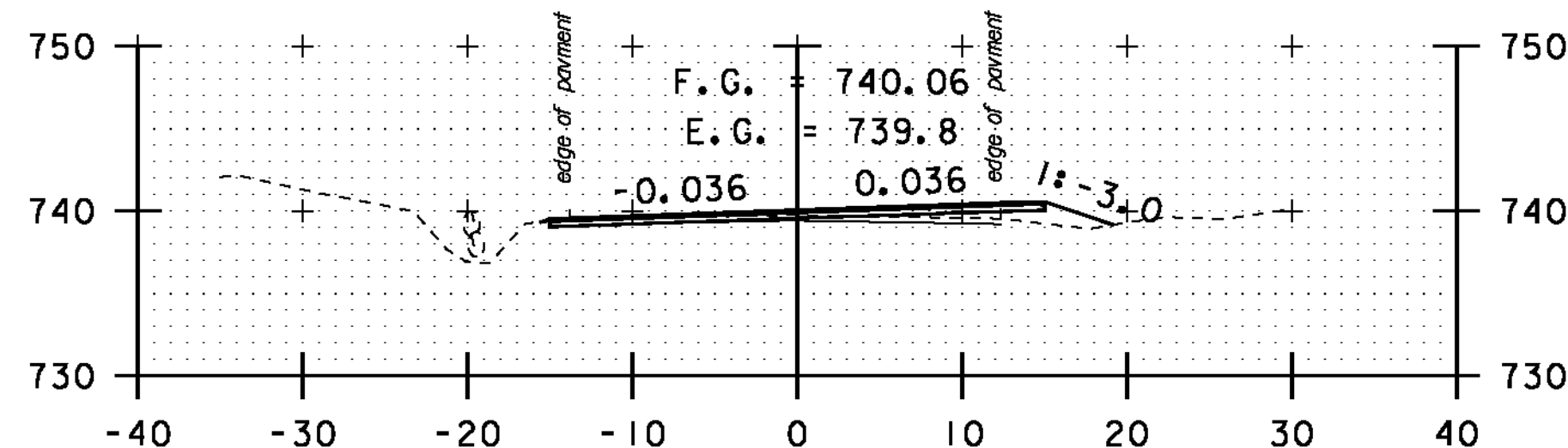
30+50



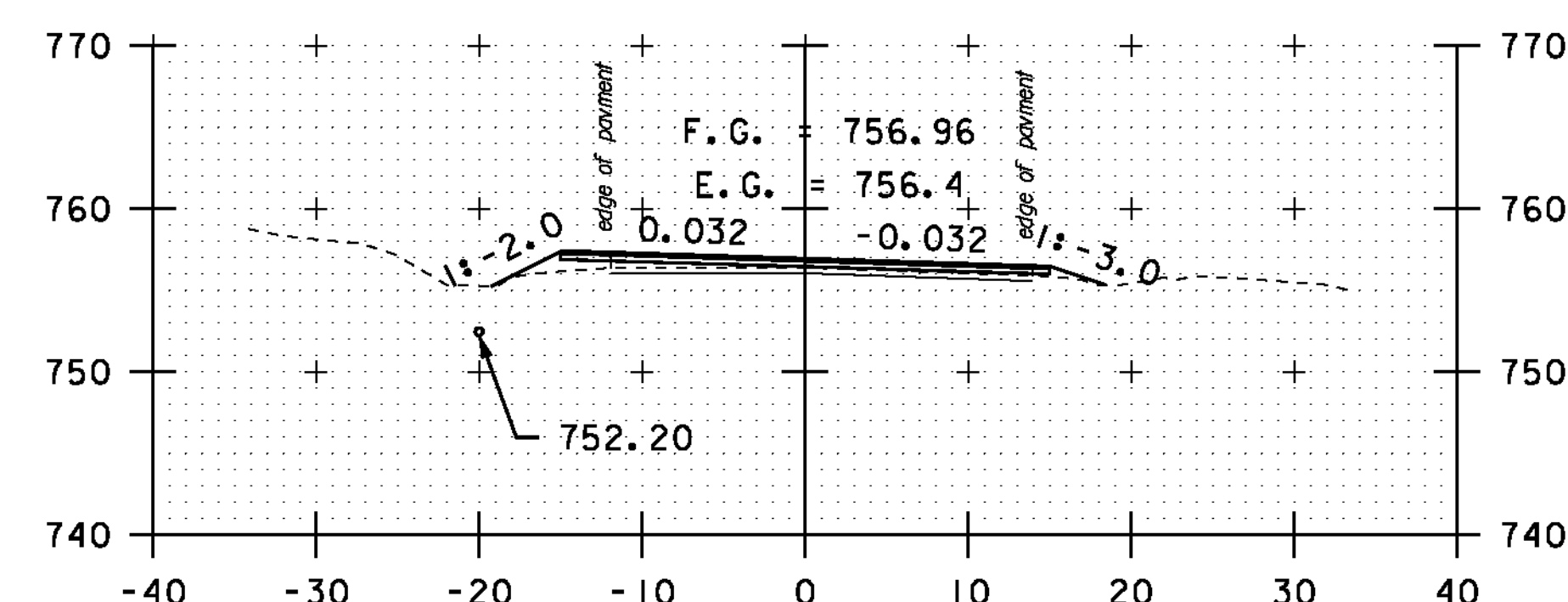
32+50



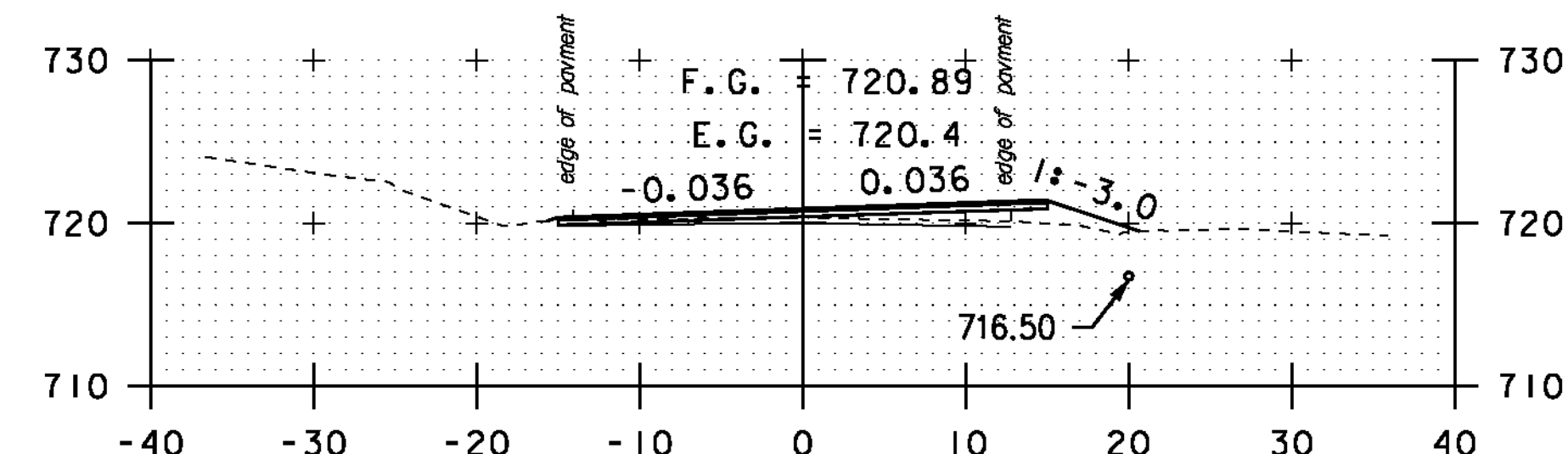
DRIVE LT
28+00



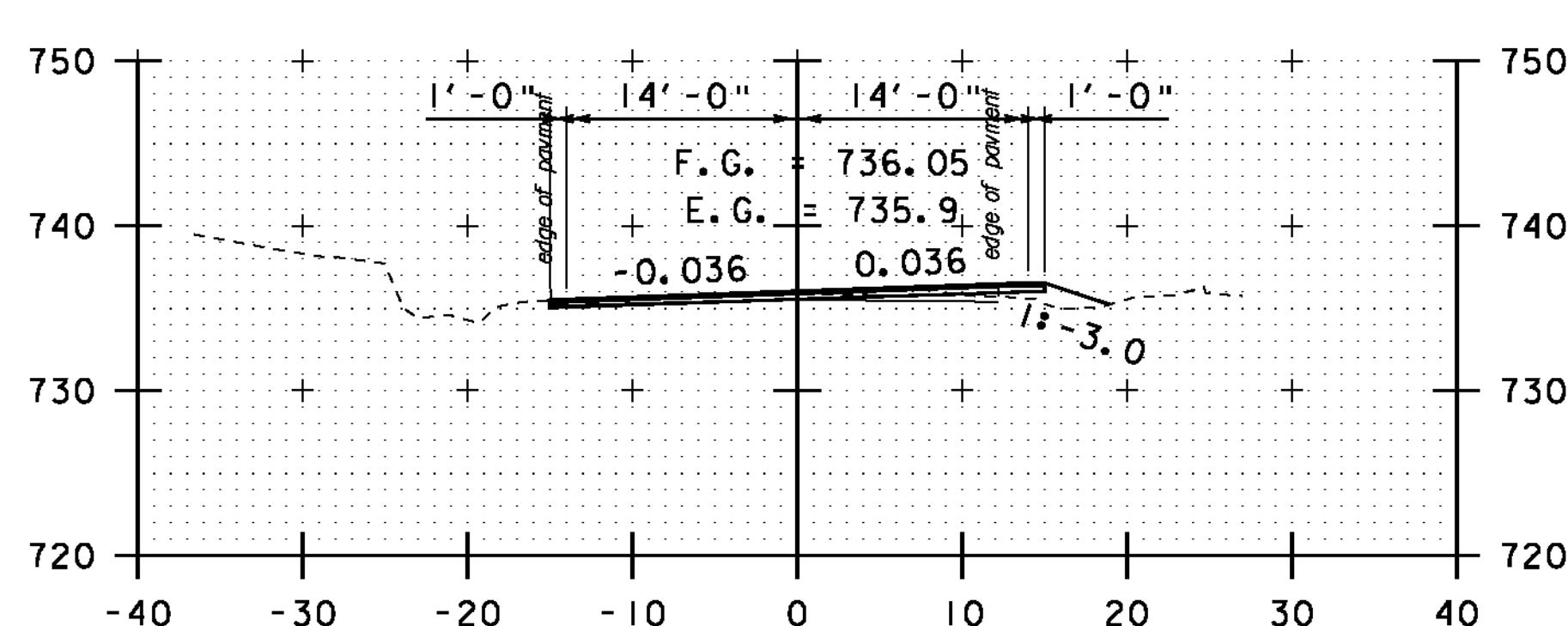
30+00



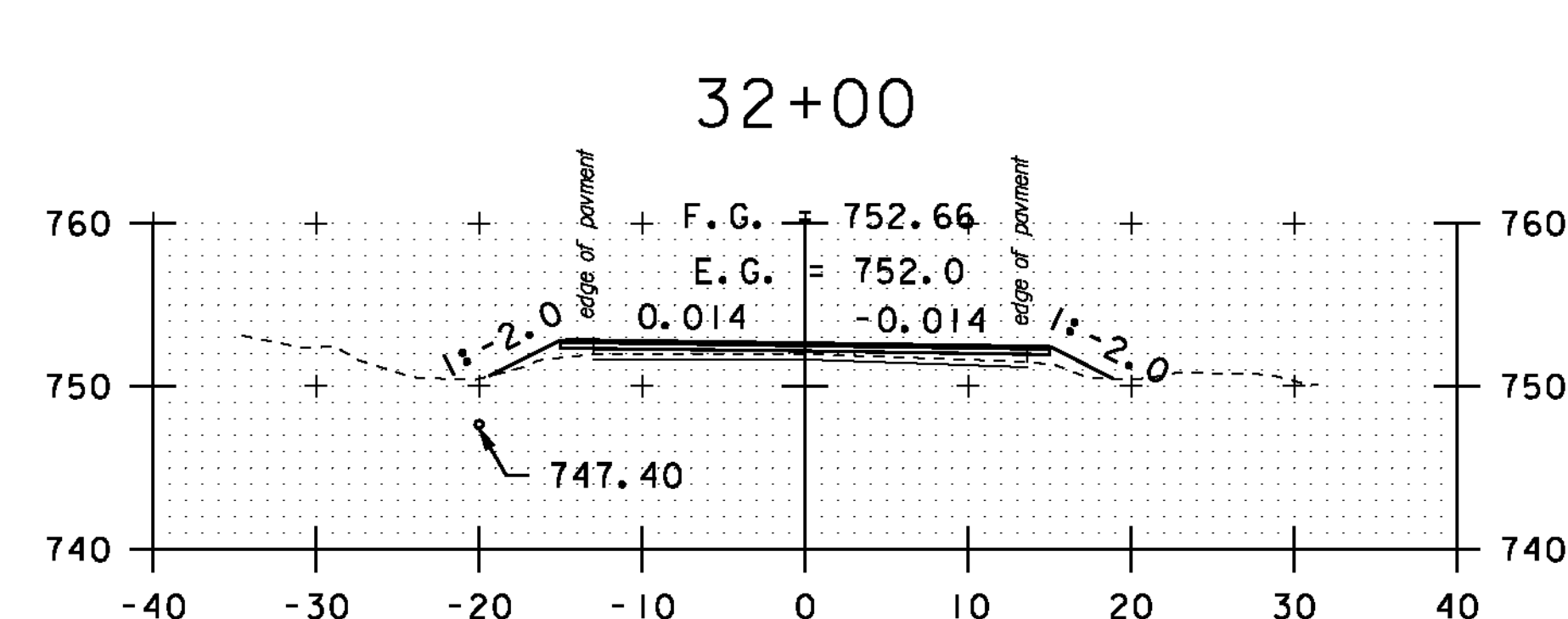
32+00



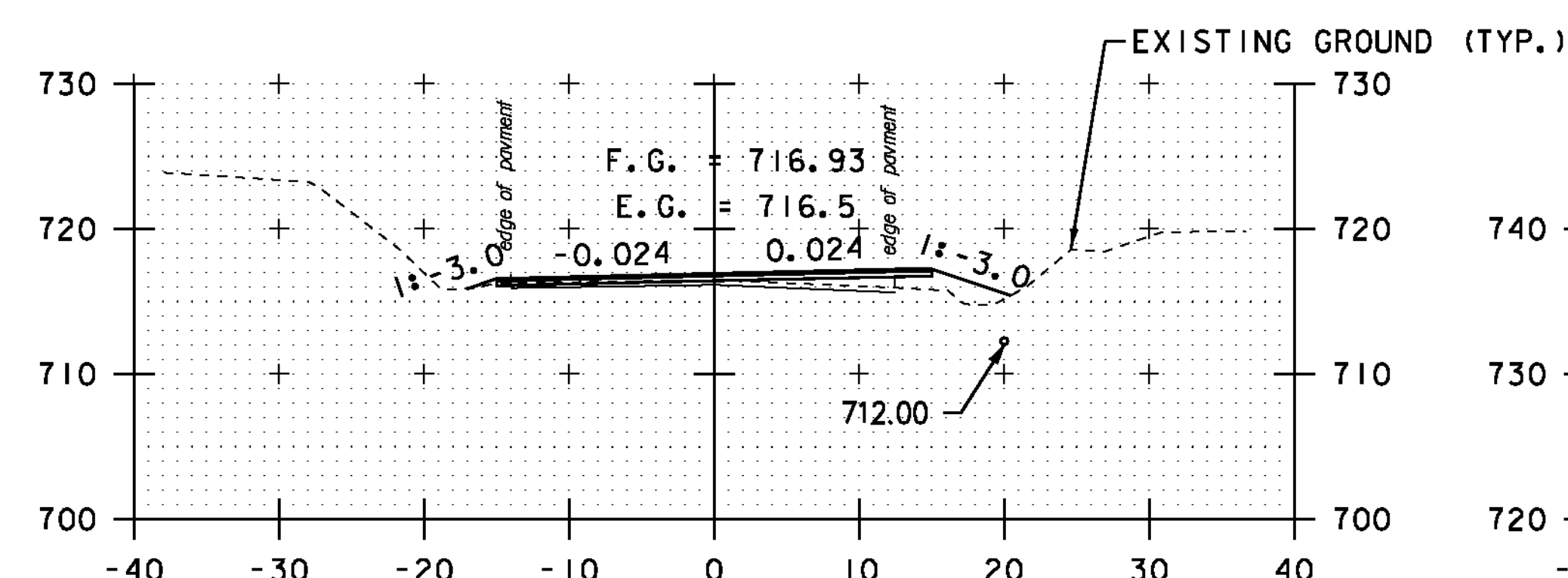
27+50



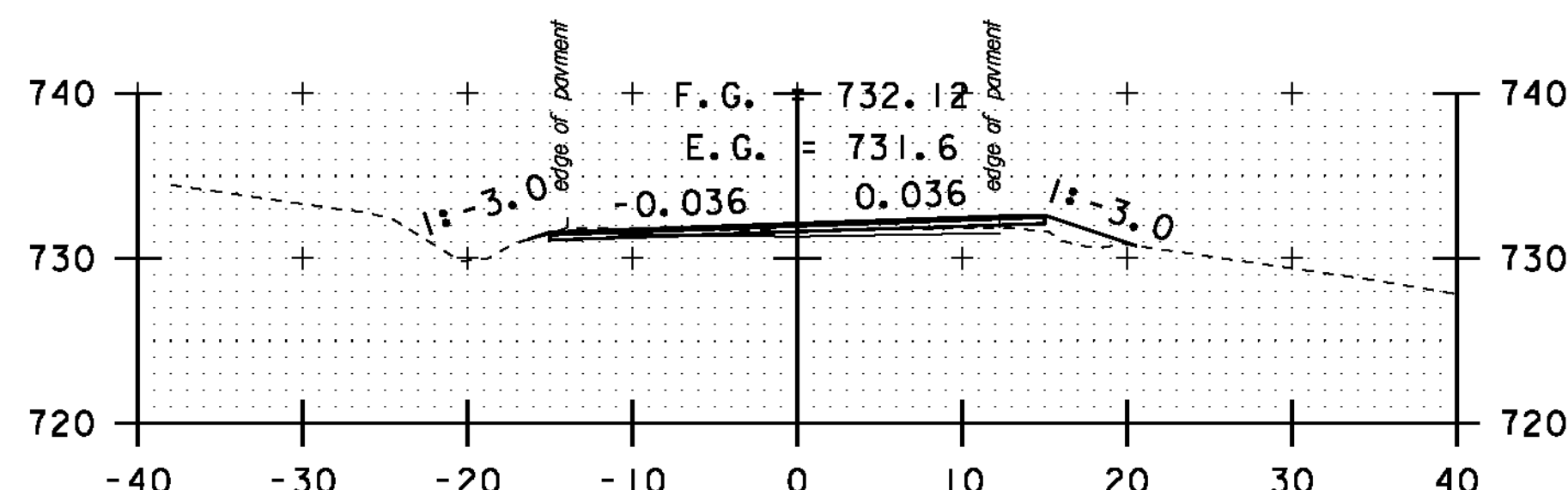
29+50



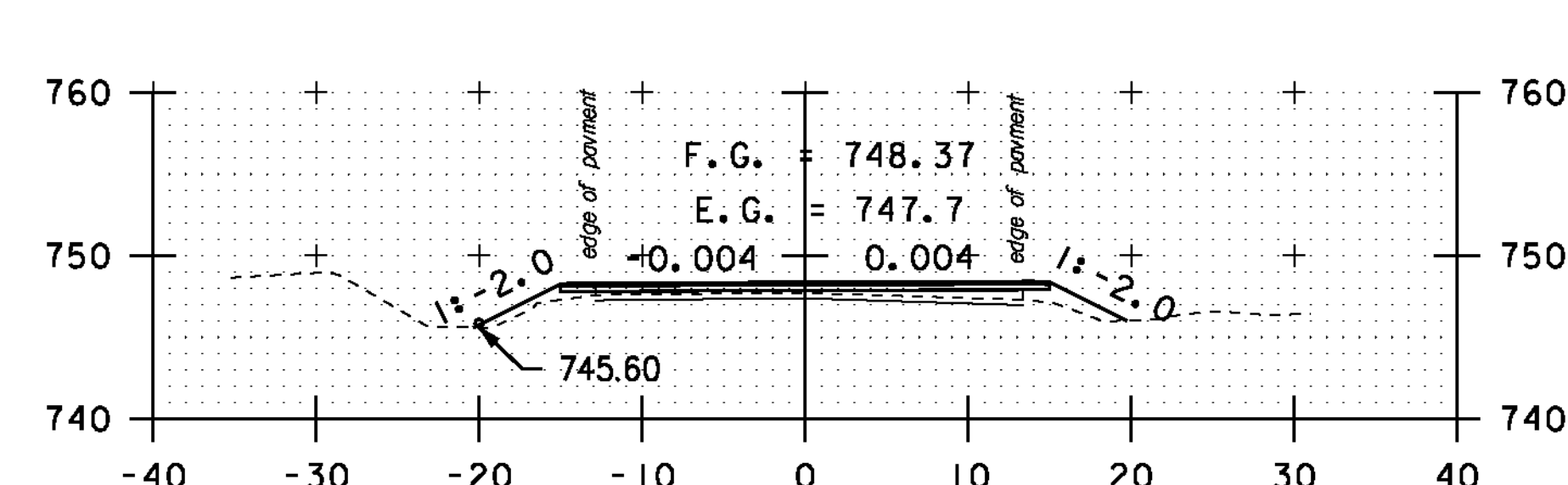
31+50



27+00



29+00



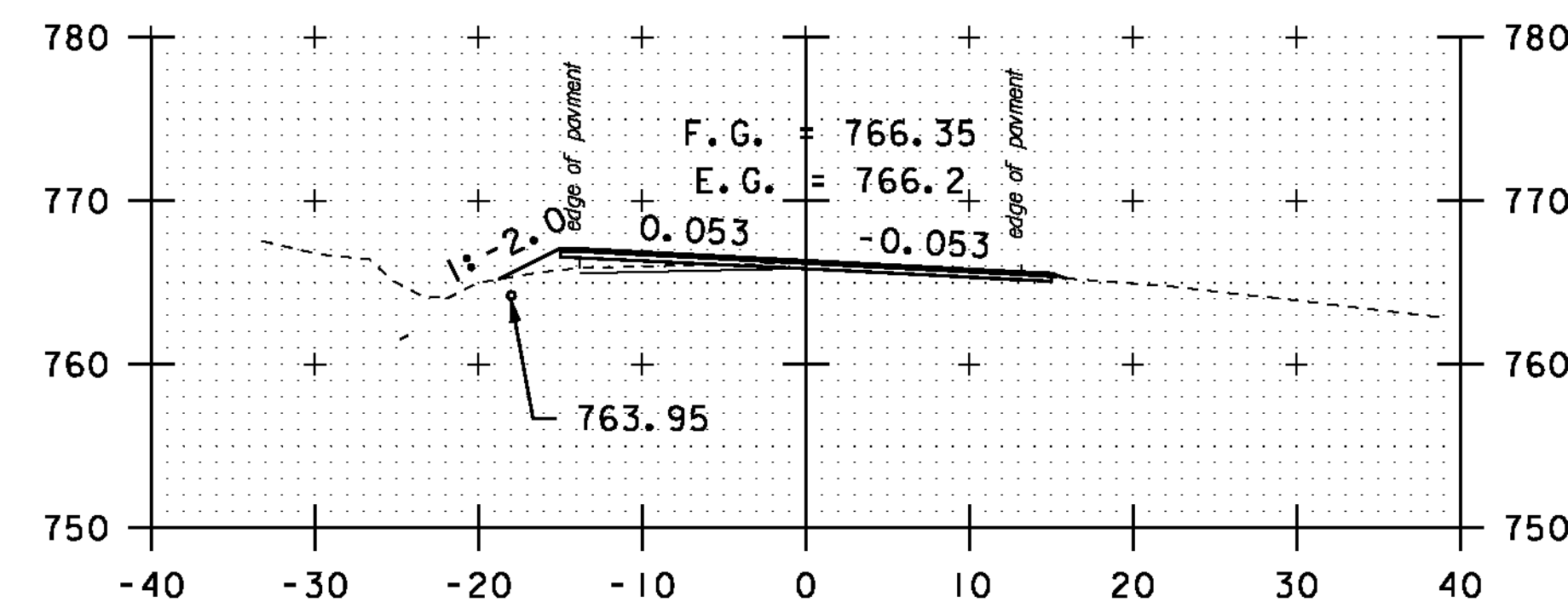
31+00

STA. 27+00 TO STA. 32+50

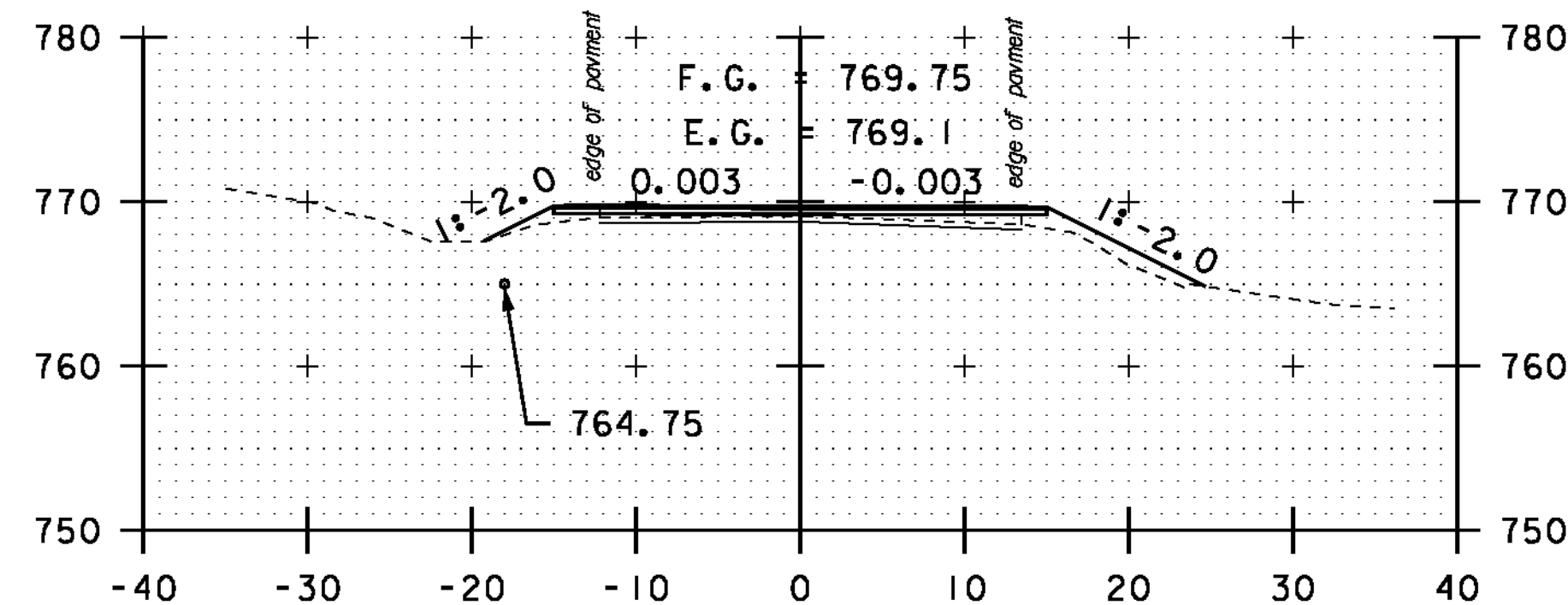
SCALE 1" = 10'-0"

**CROSS
SECTION
SHEET 6**

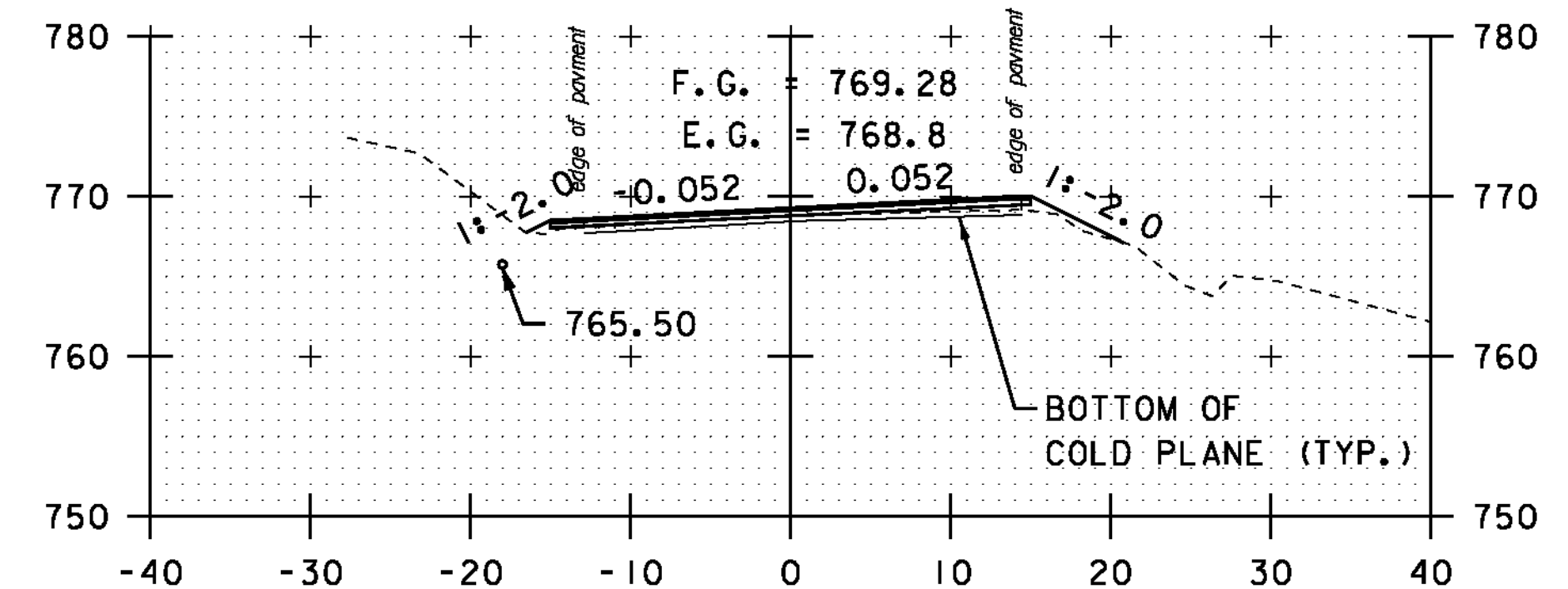
PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(I)
FILE NAME: p10ci90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10ci90.i20.1
PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: CDL
SHEET 120 OF 178



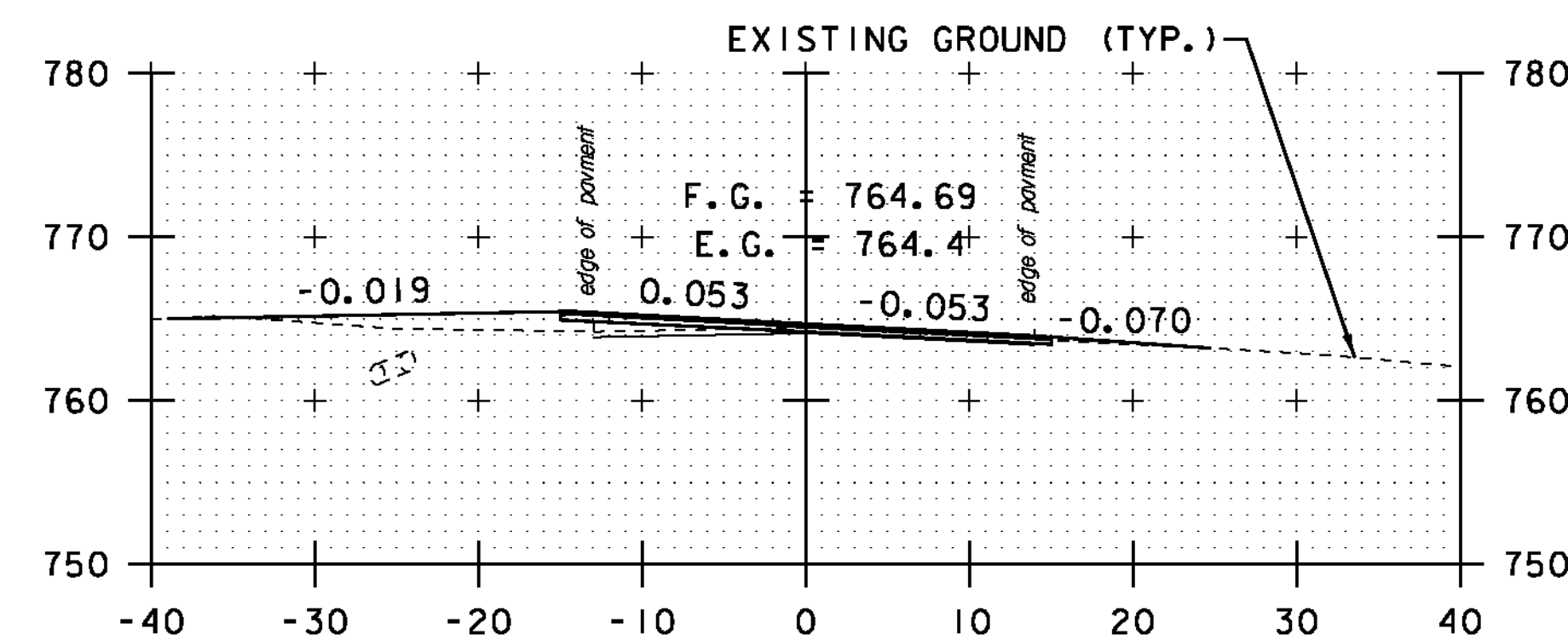
33+50



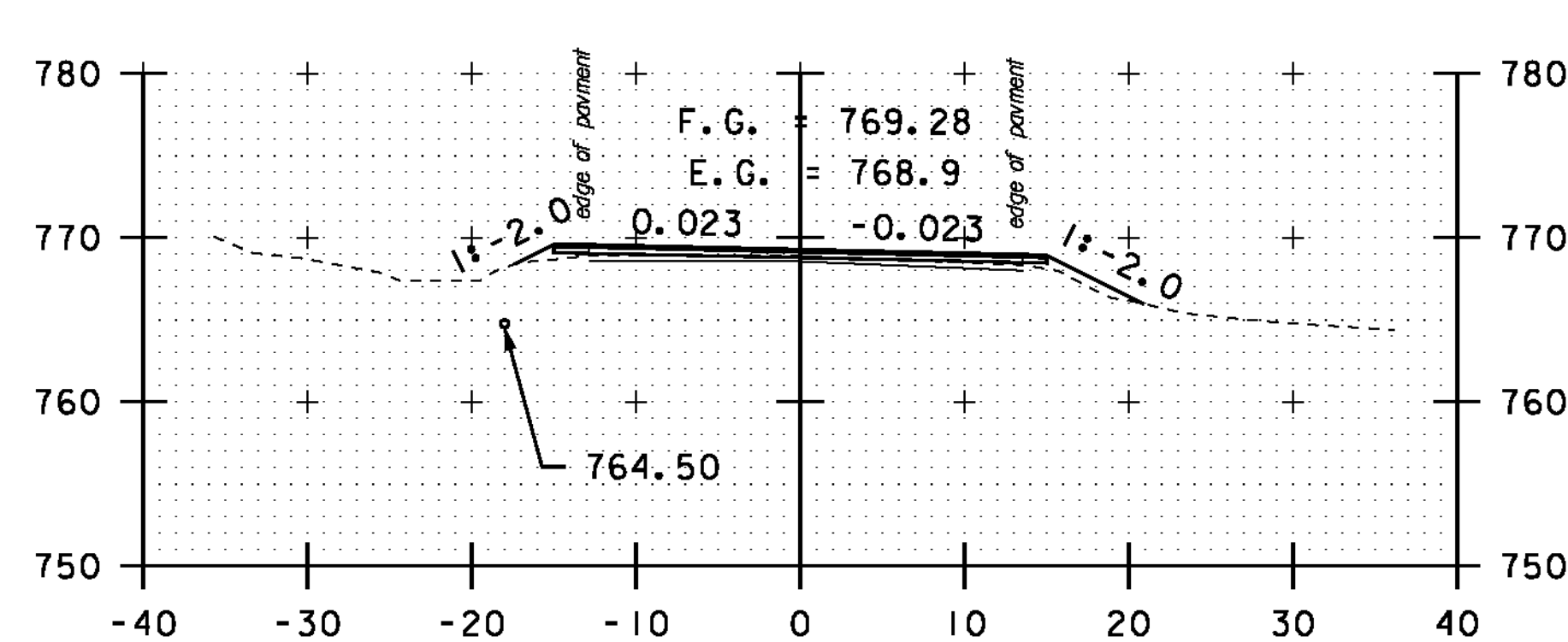
35+00



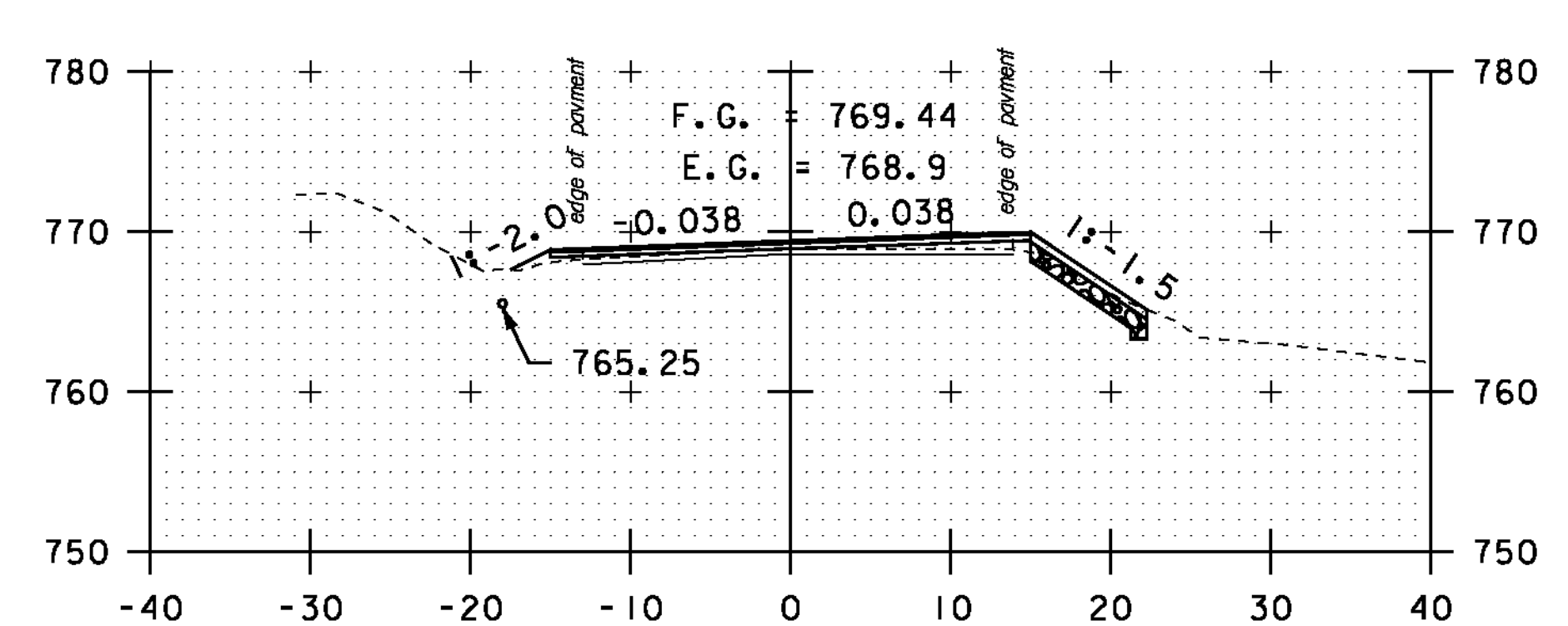
36+50



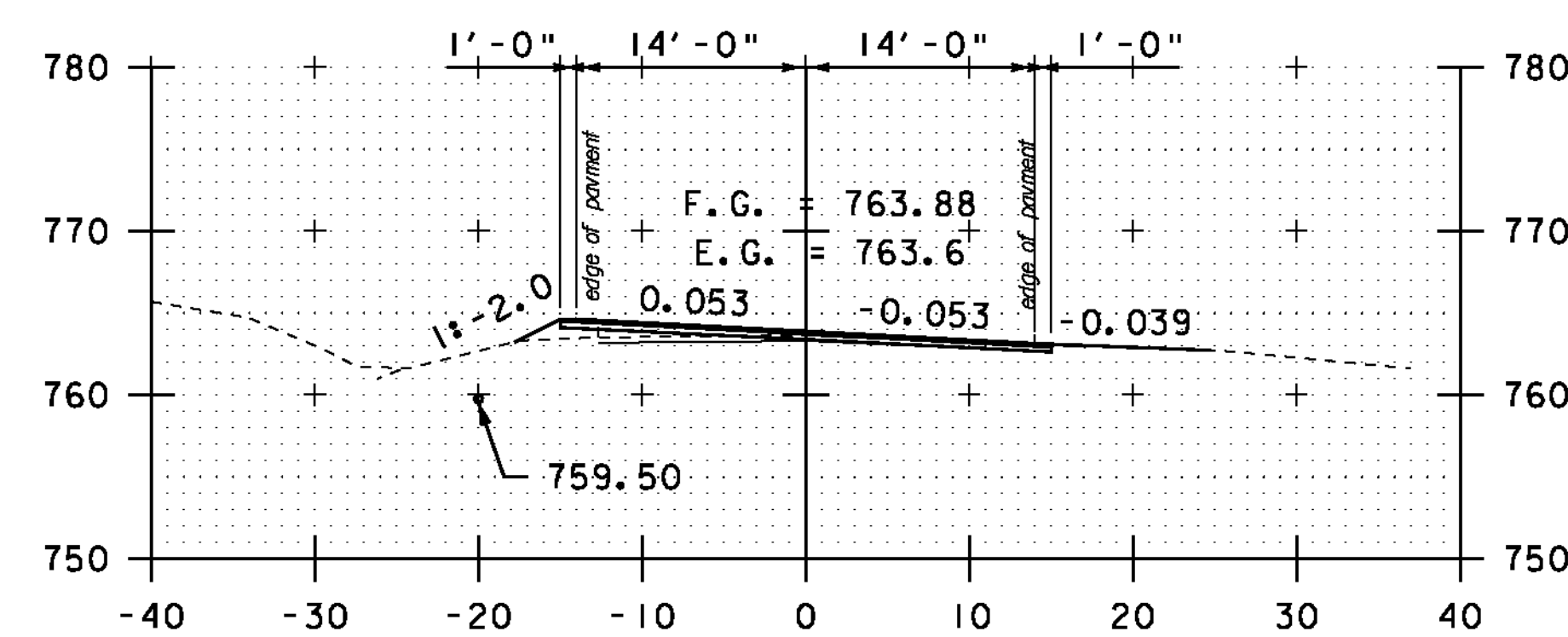
TH #5 LT/ DRIVE RT
33+15



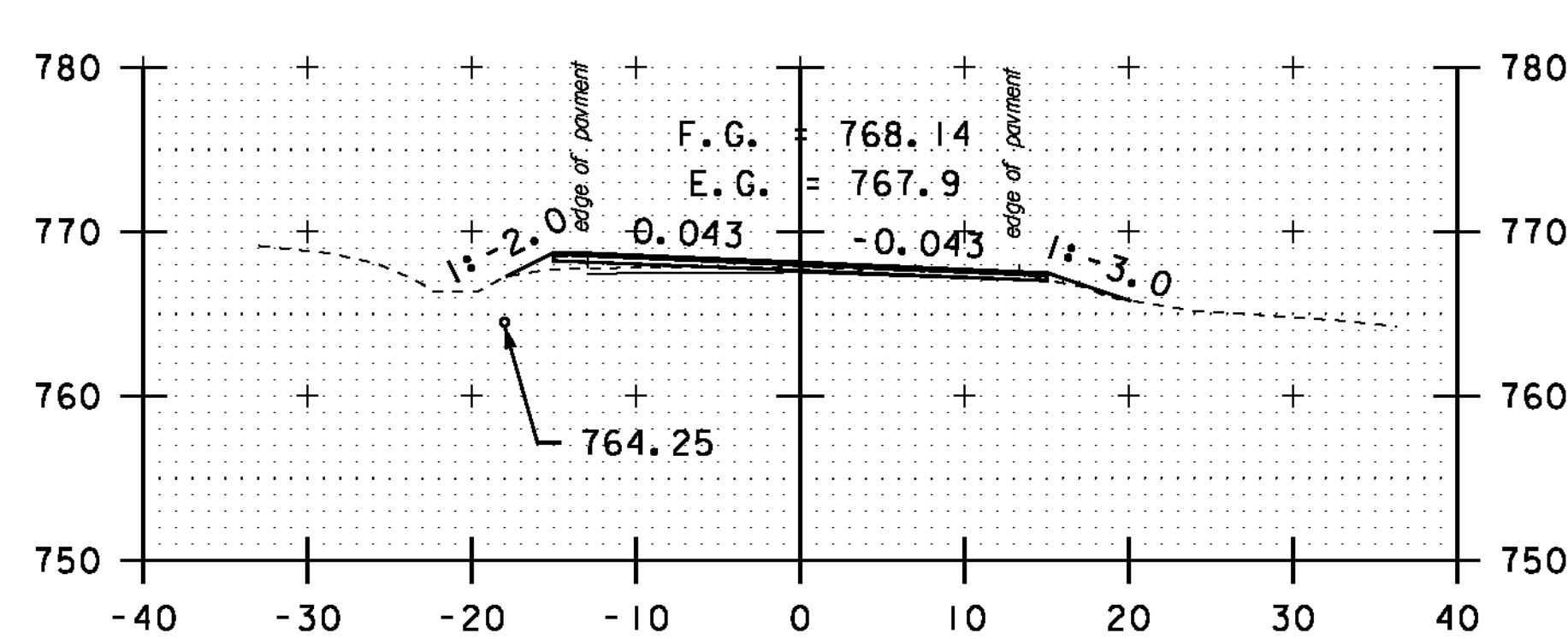
34+50



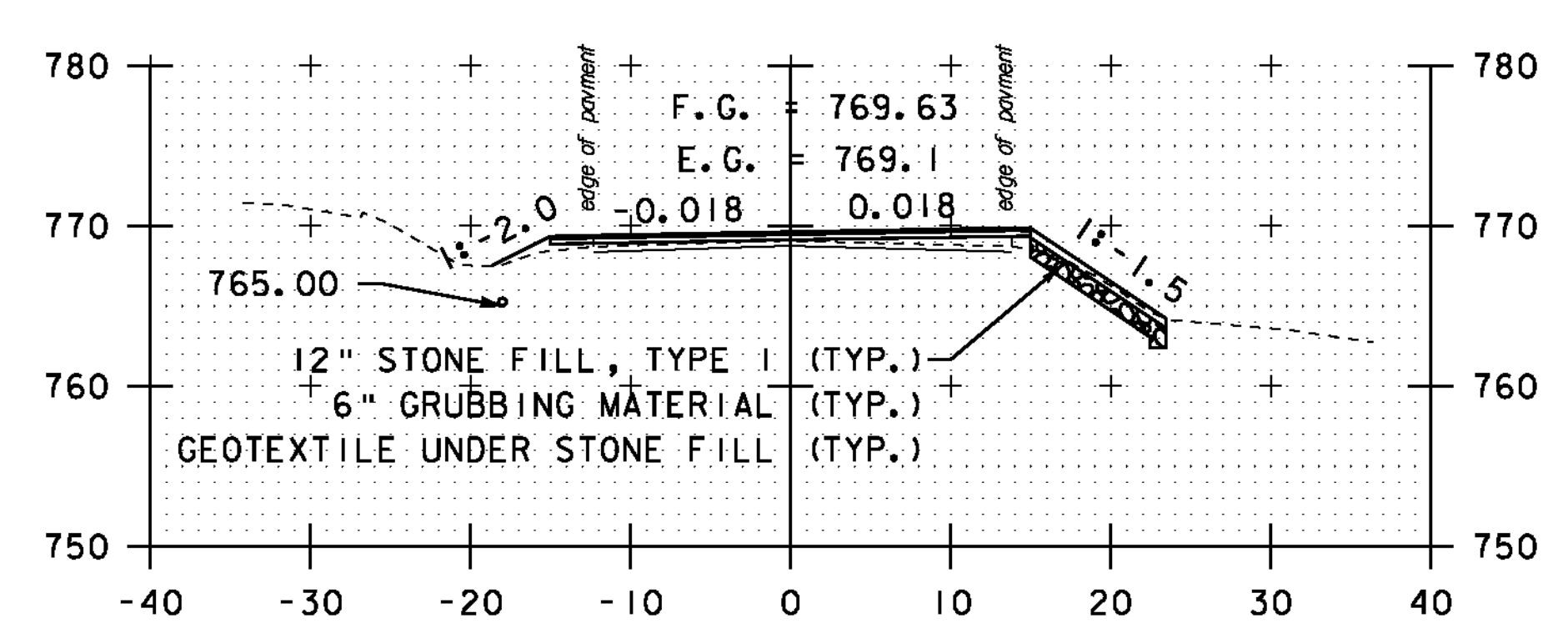
36+00



DRIVE RT
33+00



34+00



35+50

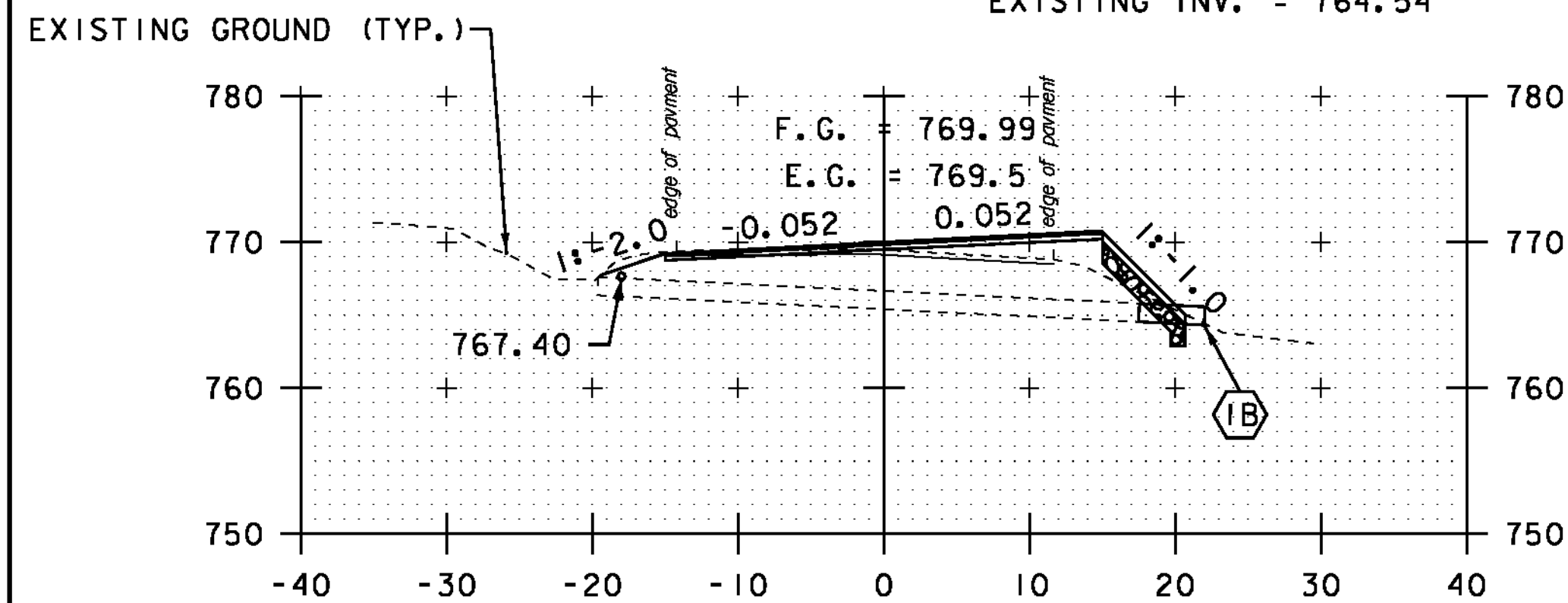
STA. 33+00 TO STA. 36+50

SCALE 1" = 10'-0"

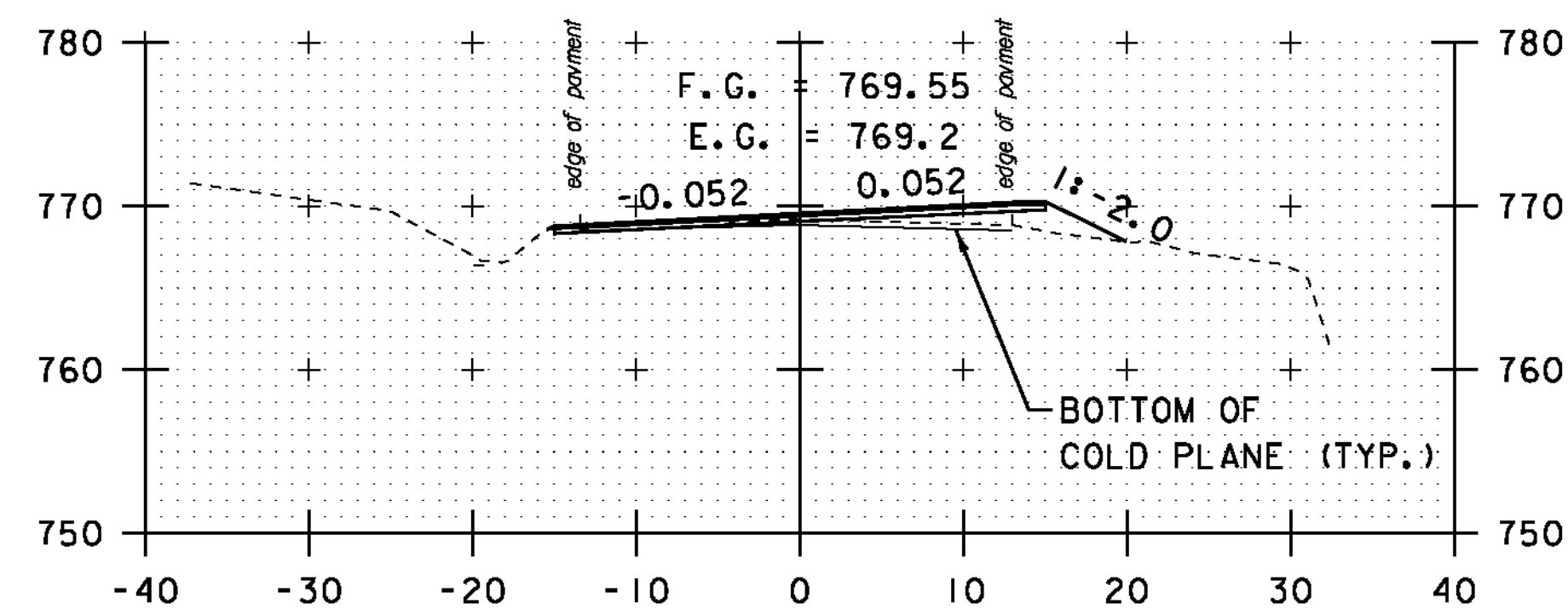
**CROSS
SECTION
SHEET 7**

PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(1)
FILE NAME: p10CI90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10CI90_121.I
PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: CDL
SHEET 121 OF 178

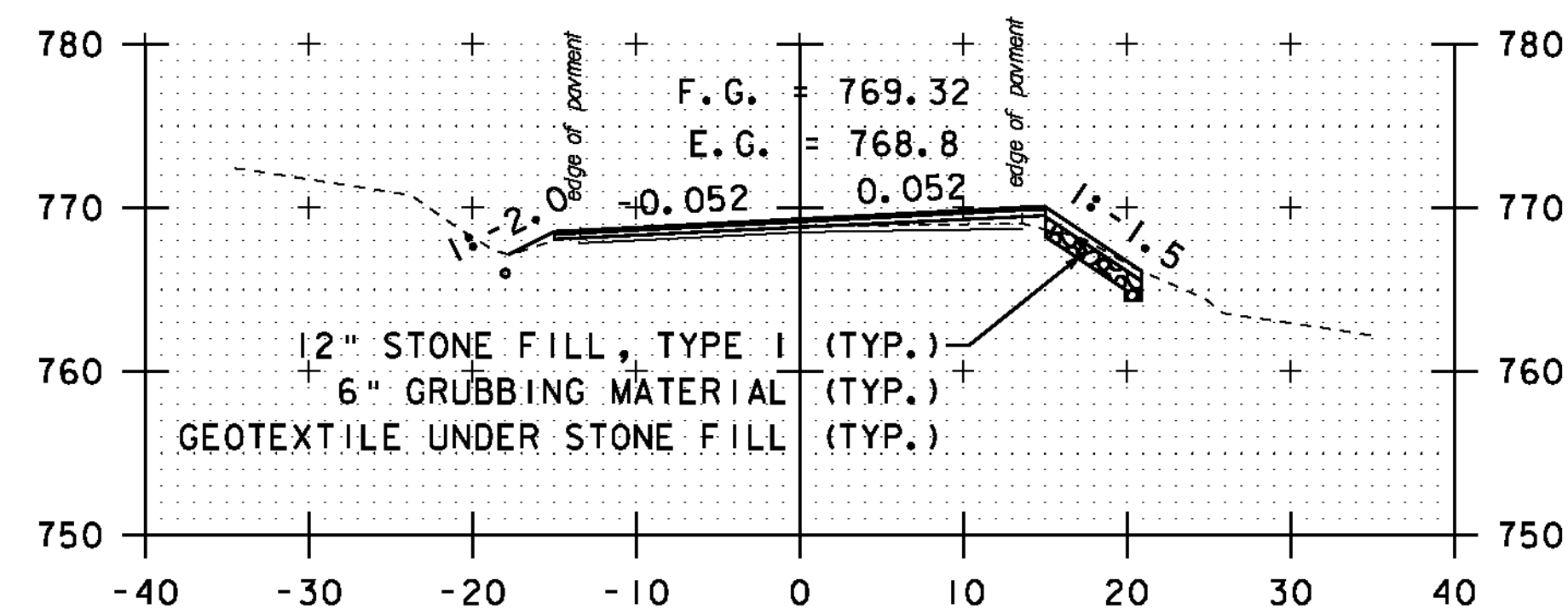
(IB) STA. 37+95.28 RT 17.48' TO
 STA. 37+95.40 RT 21.98'
 EXTEND 15" CMP (4'-6")
 PROPOSED INV. = 764.32
 EXISTING INV. = 764.54



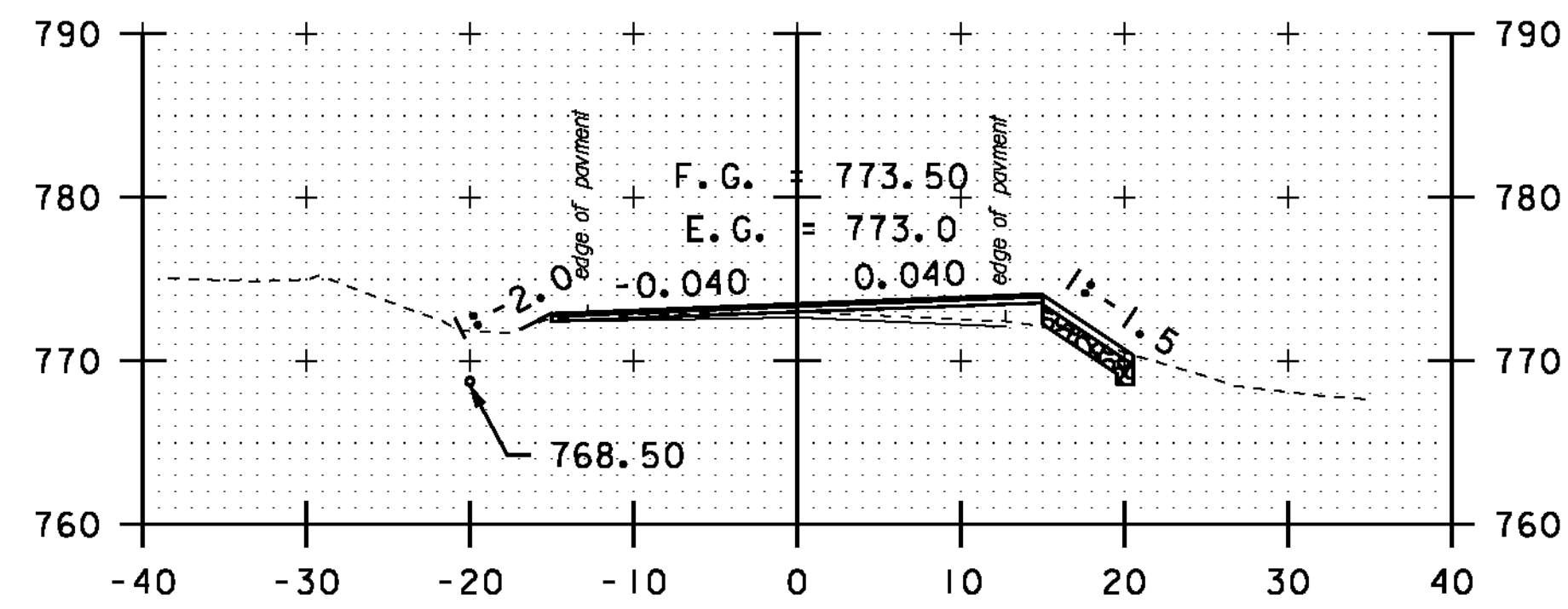
38+00



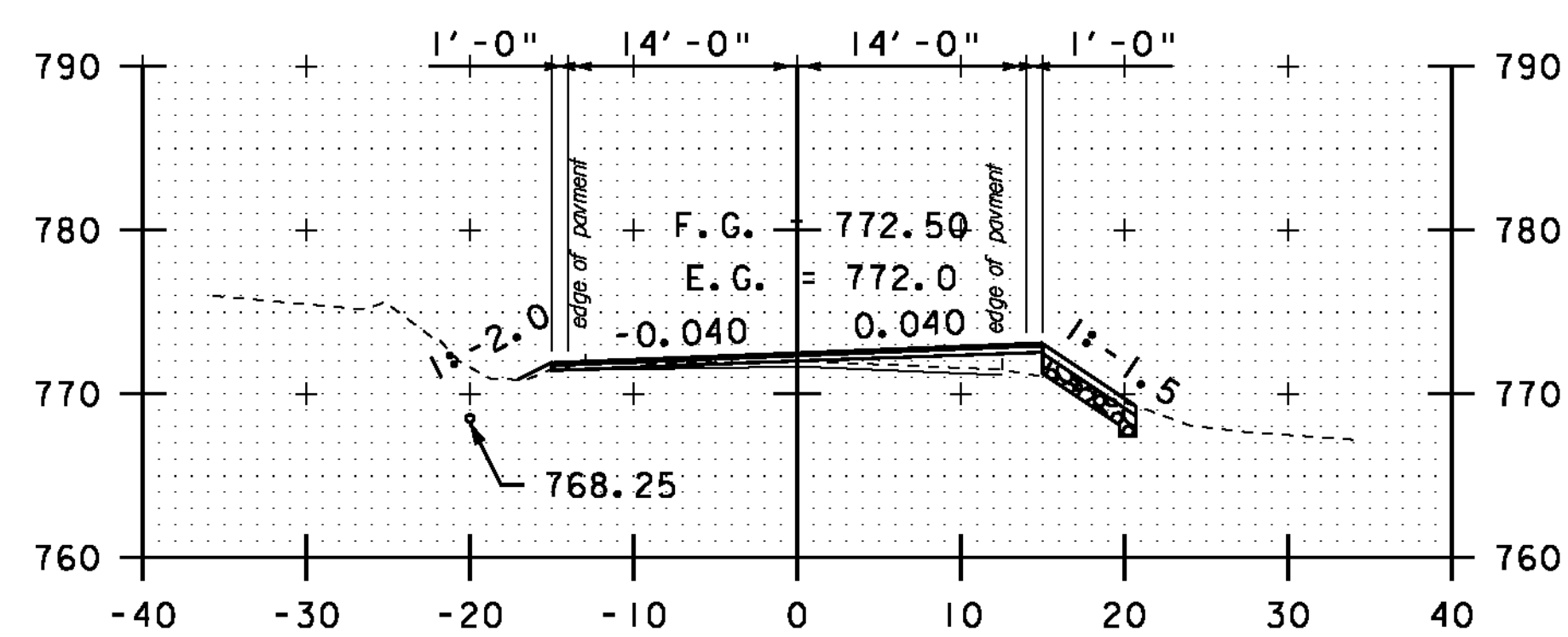
37+50



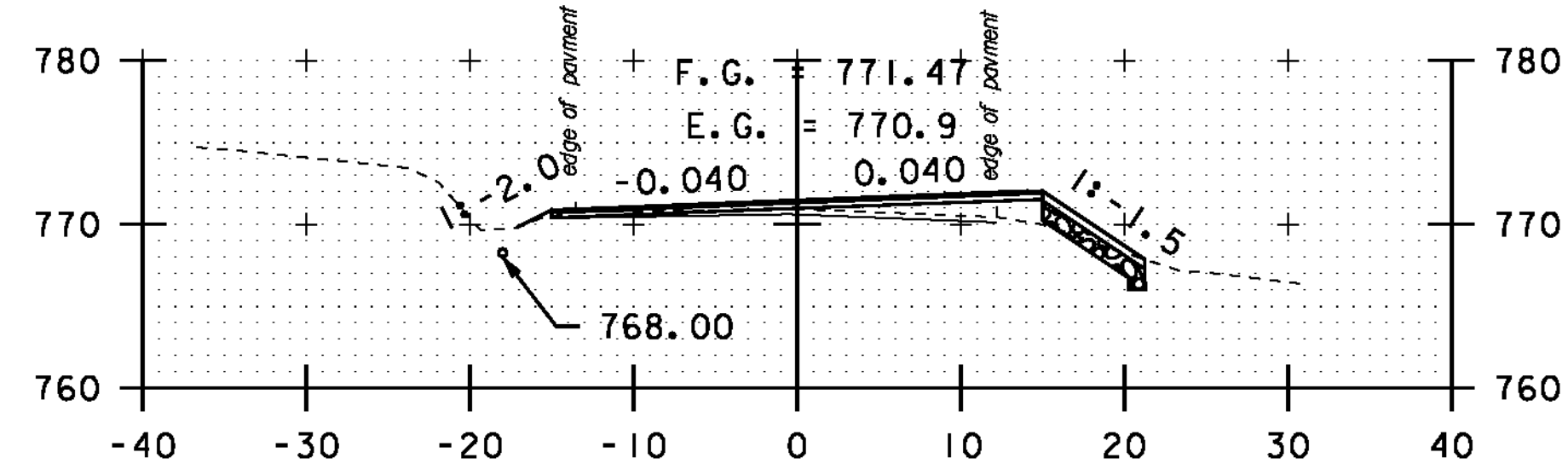
37+00



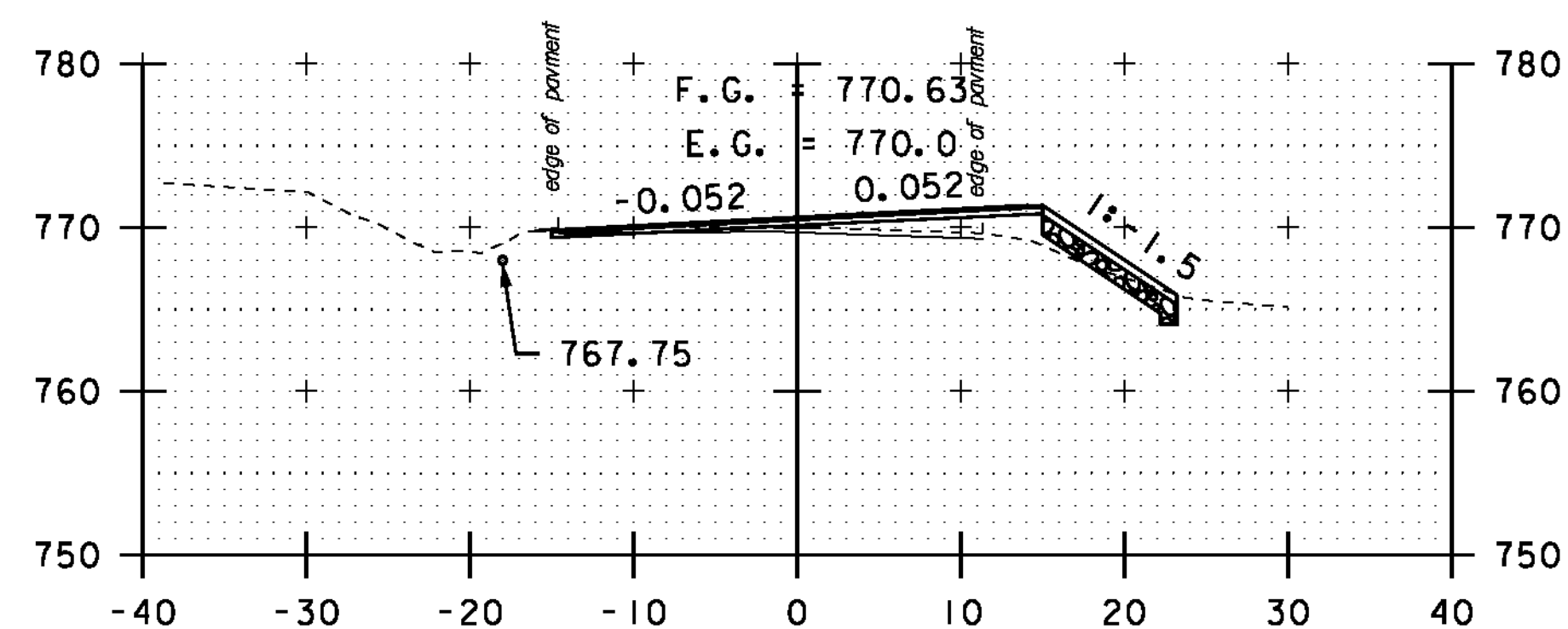
40+00



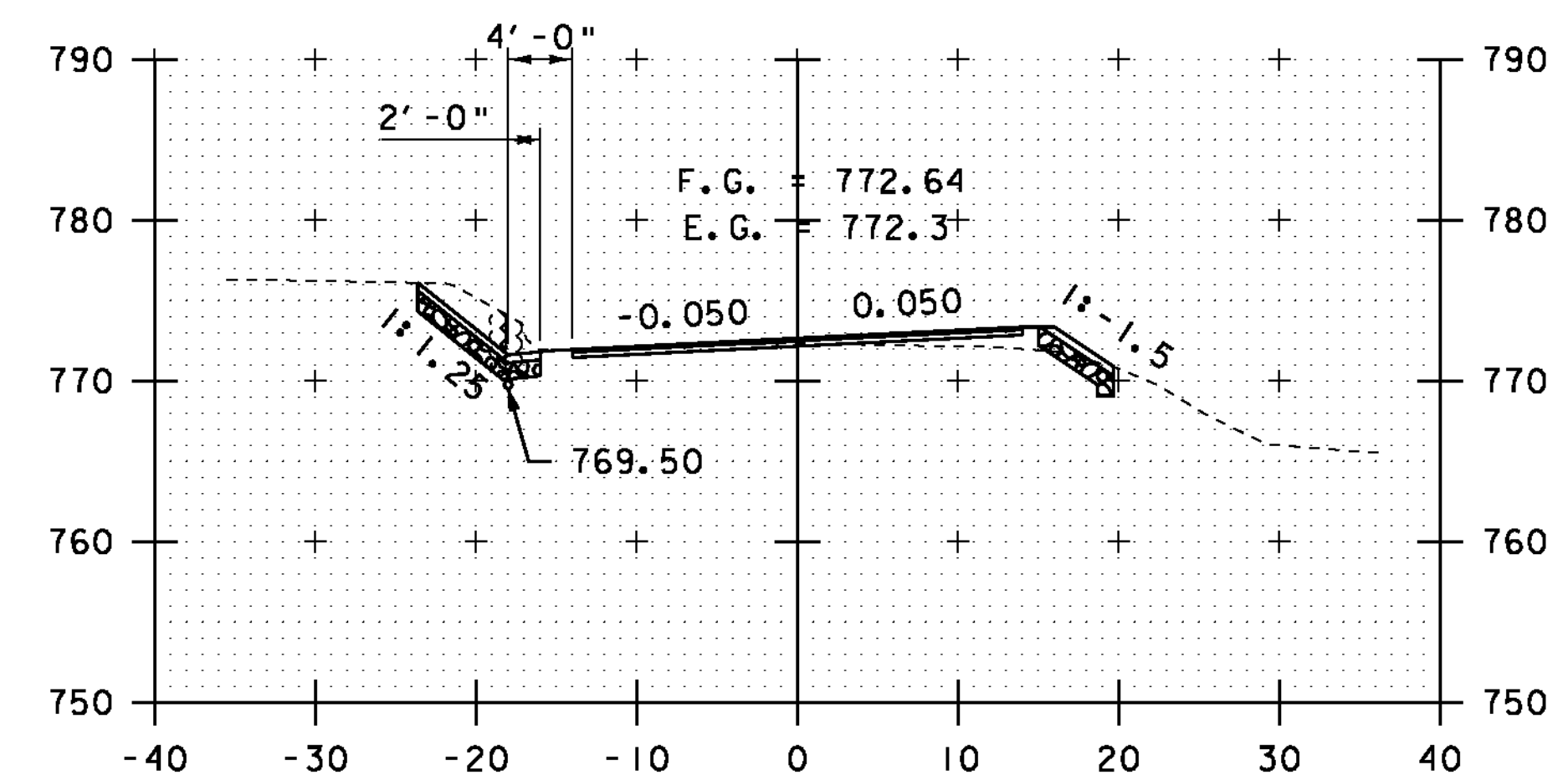
39+50



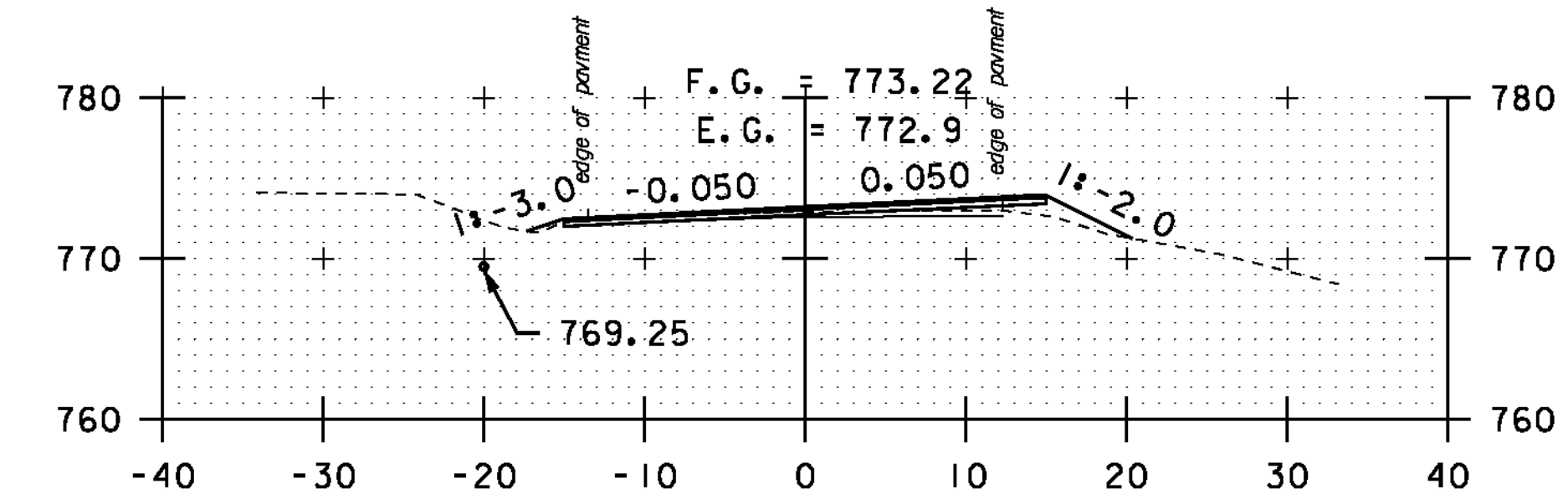
39+00



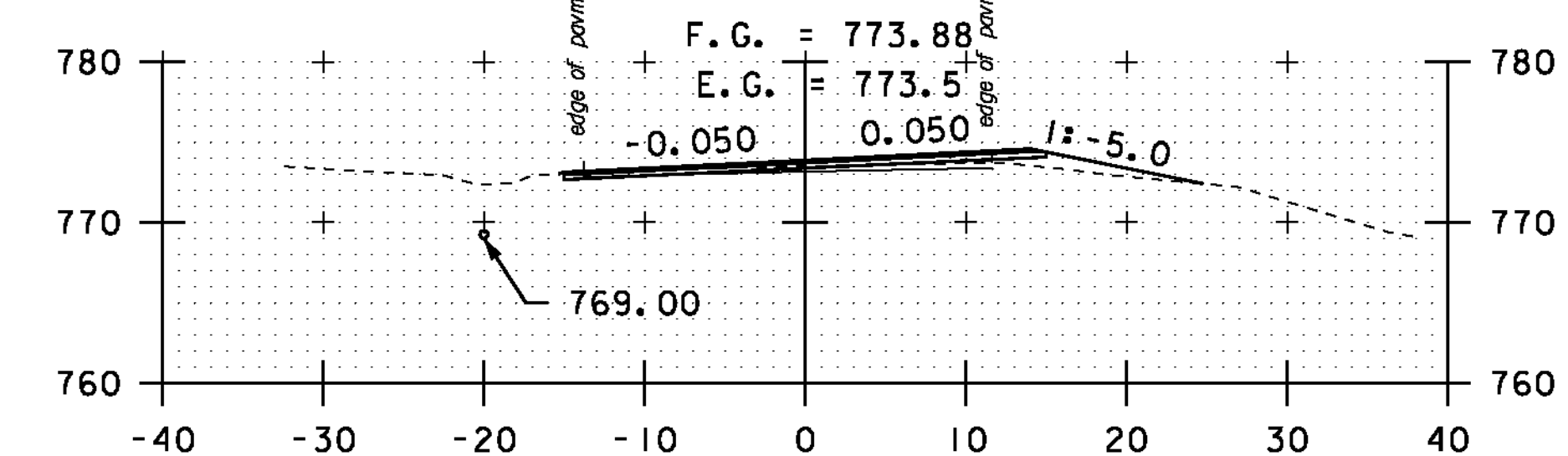
38+50



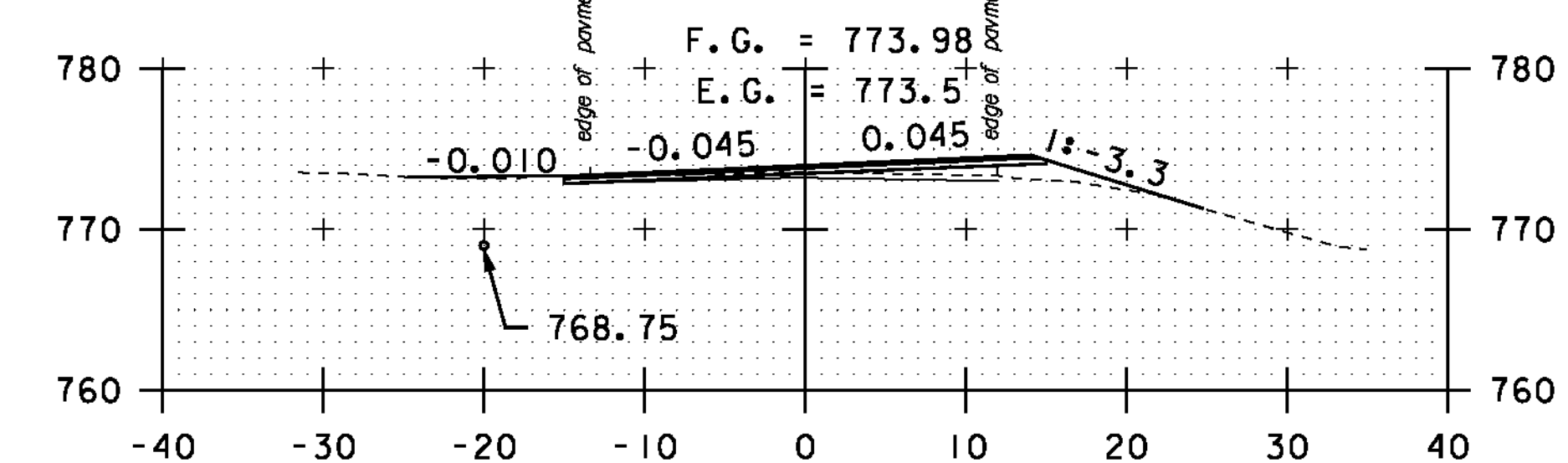
42+00



41+50



DRIVE RT
41+00



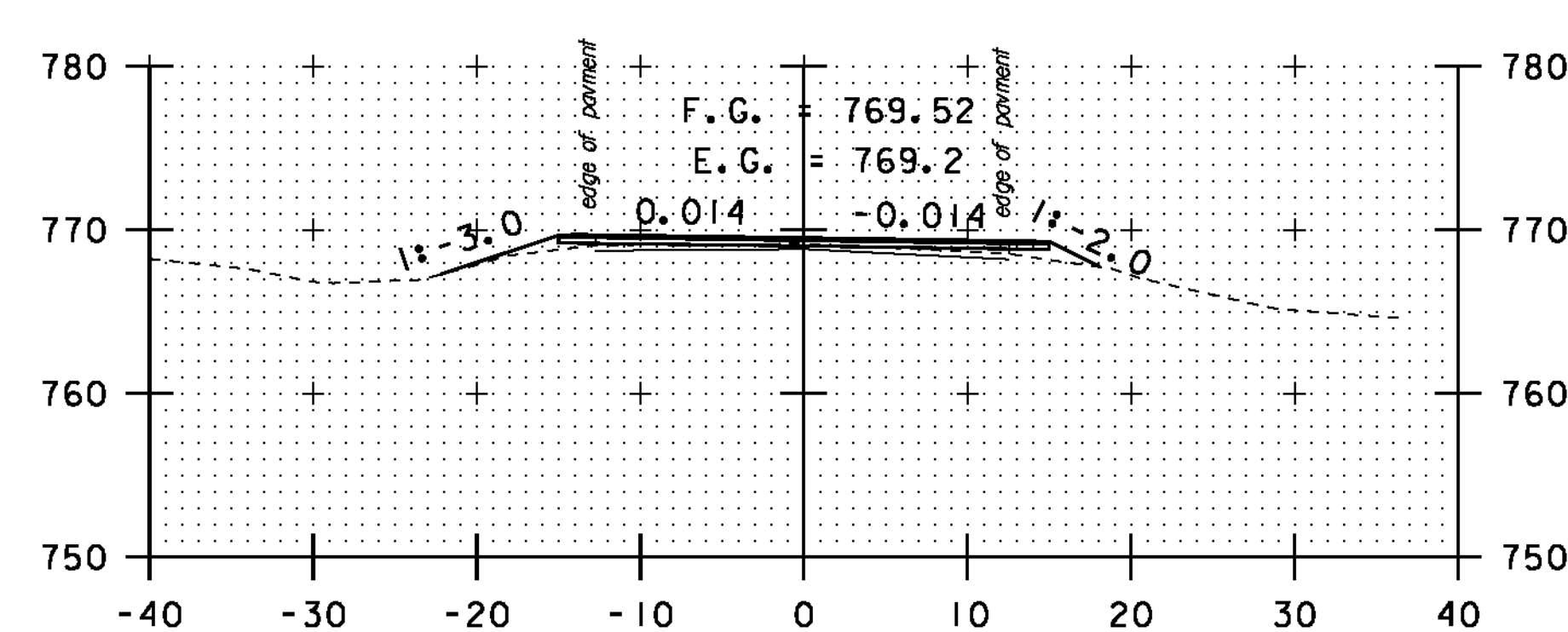
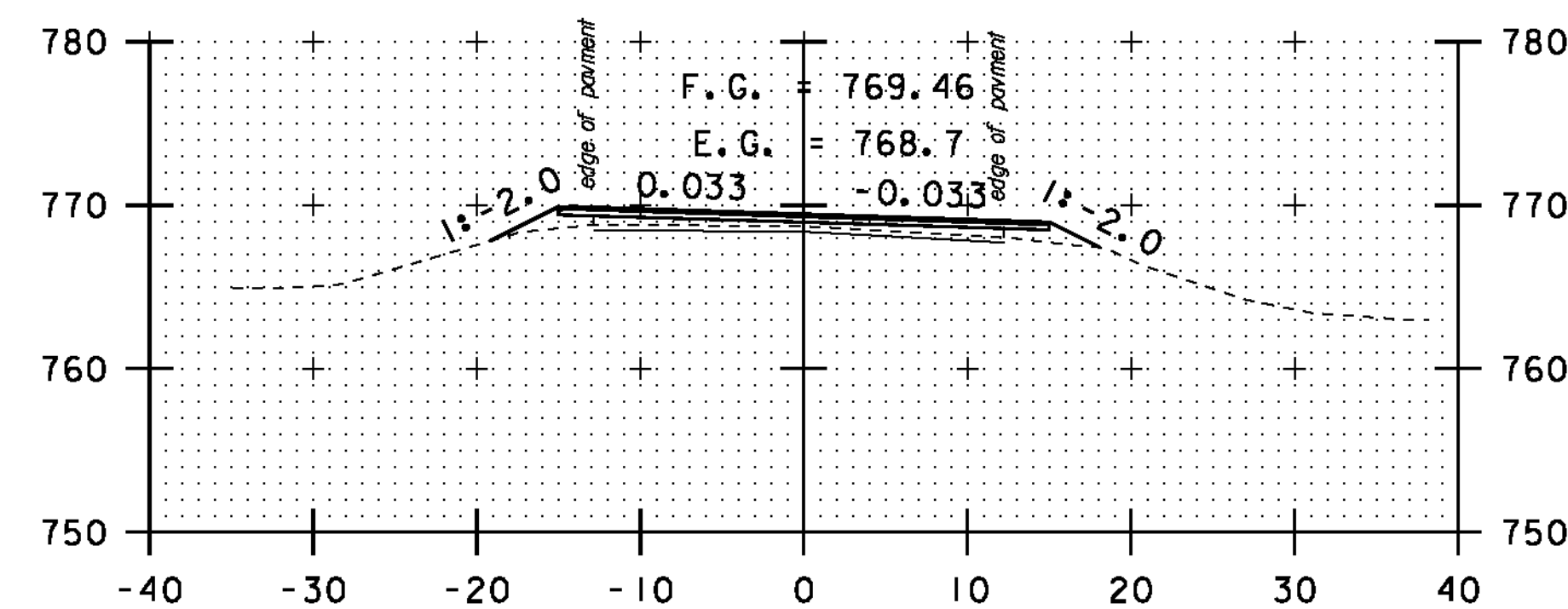
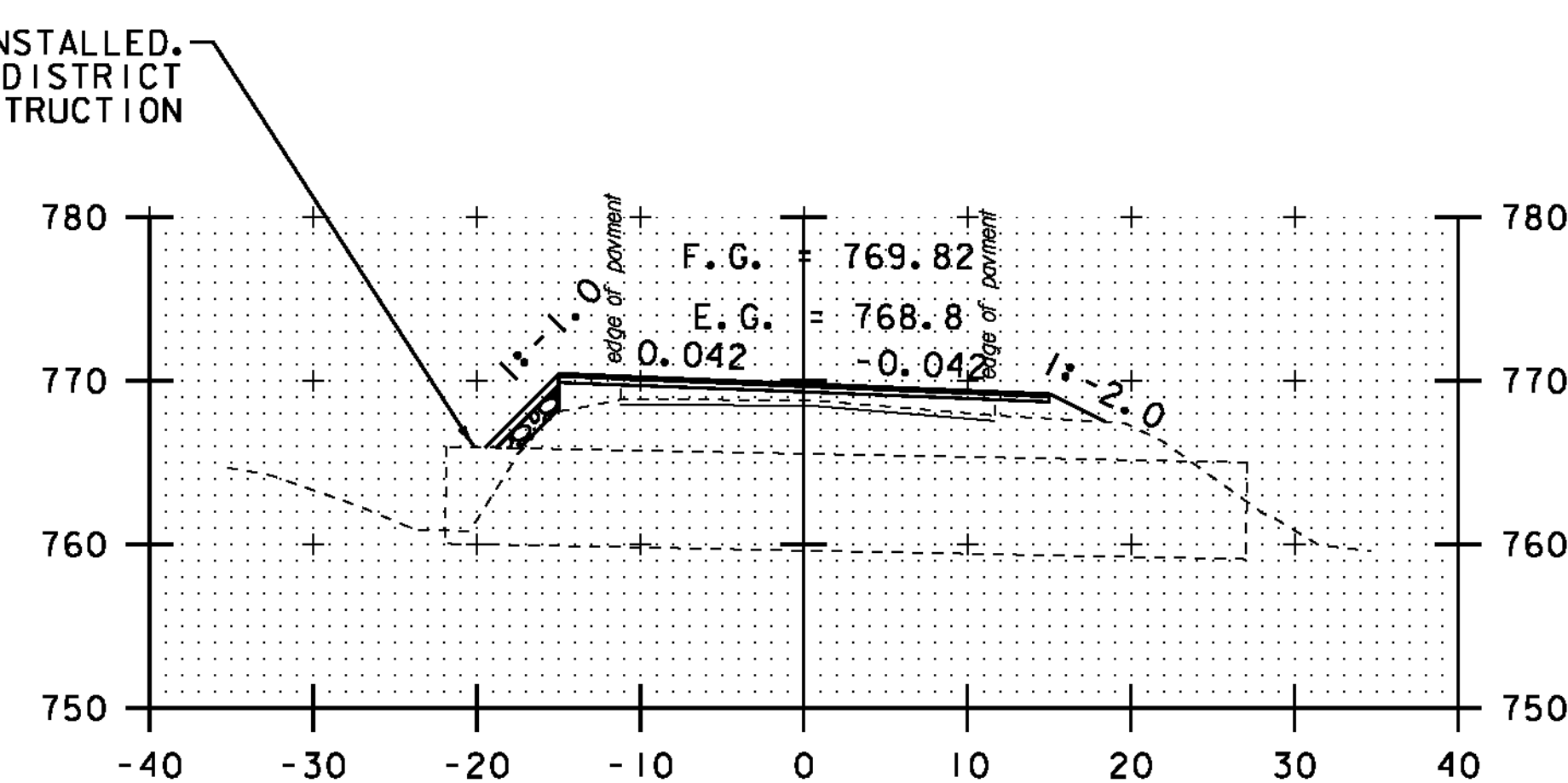
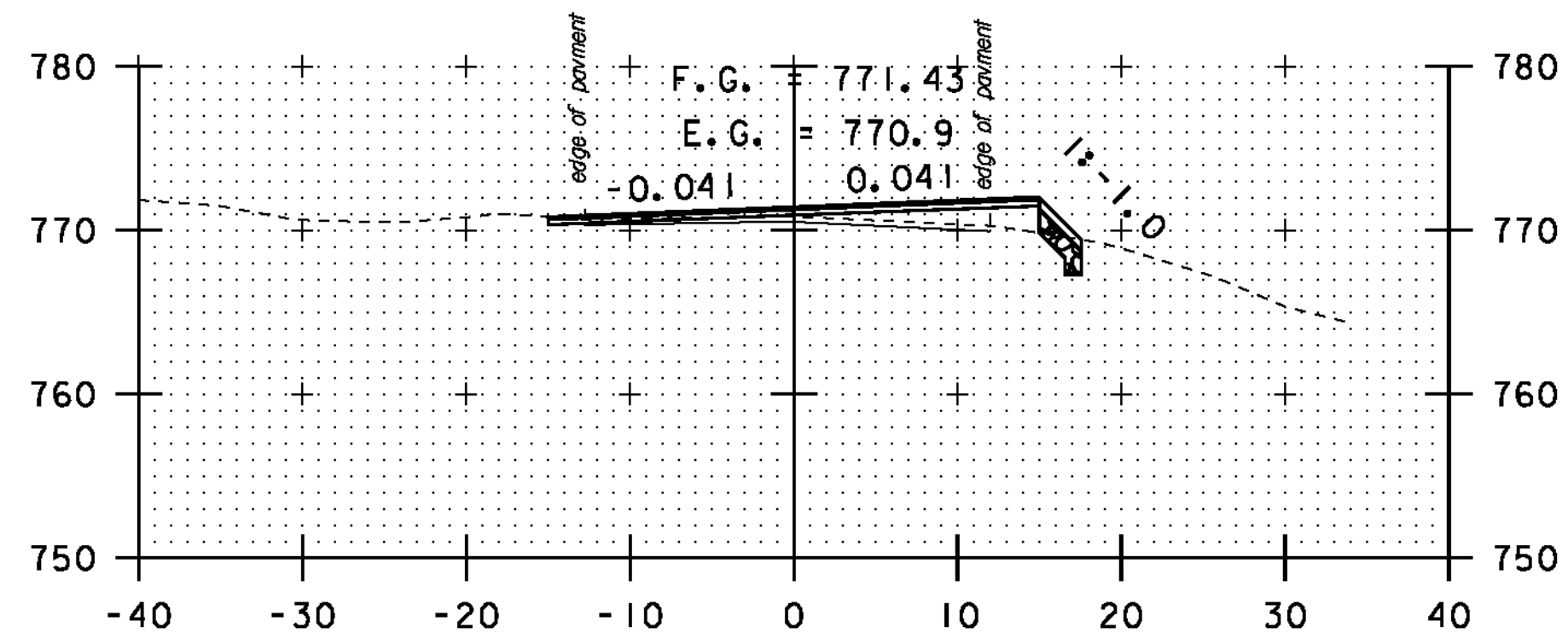
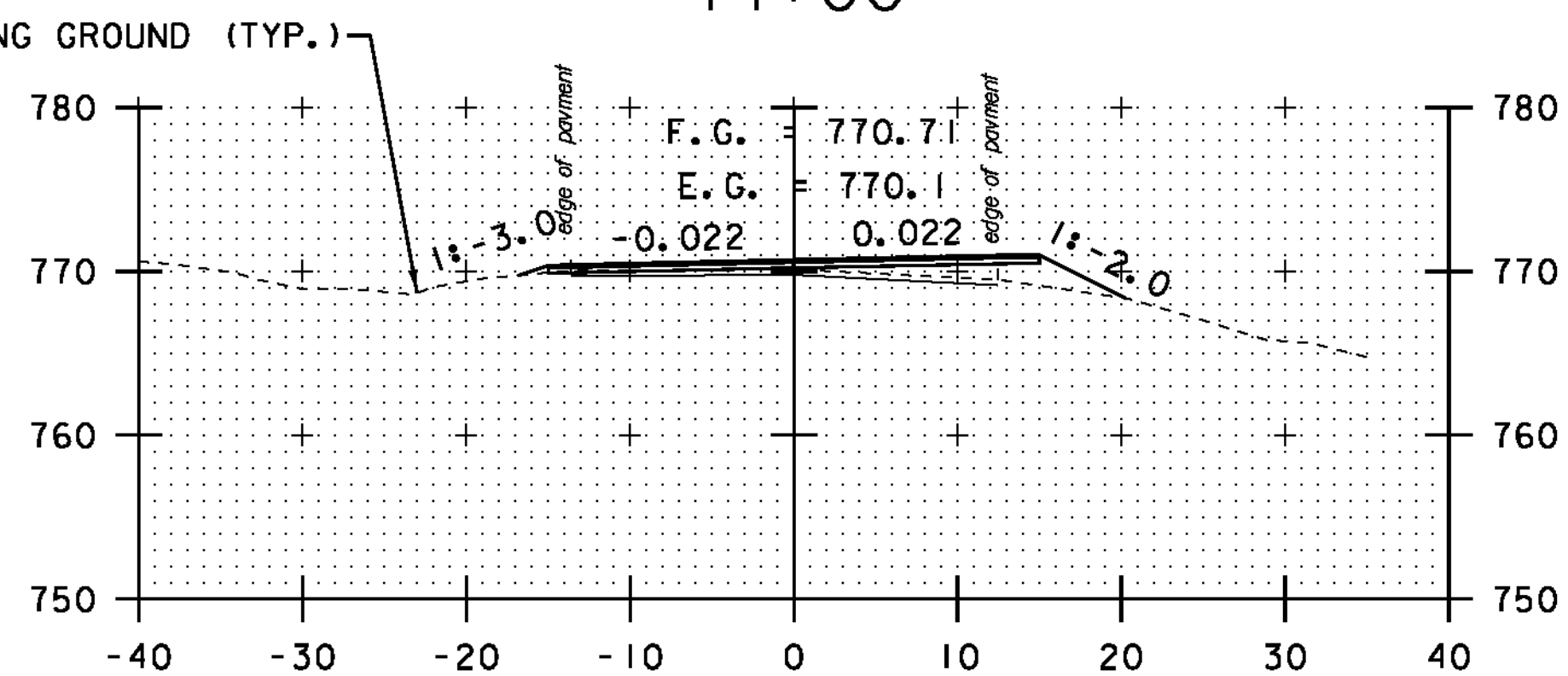
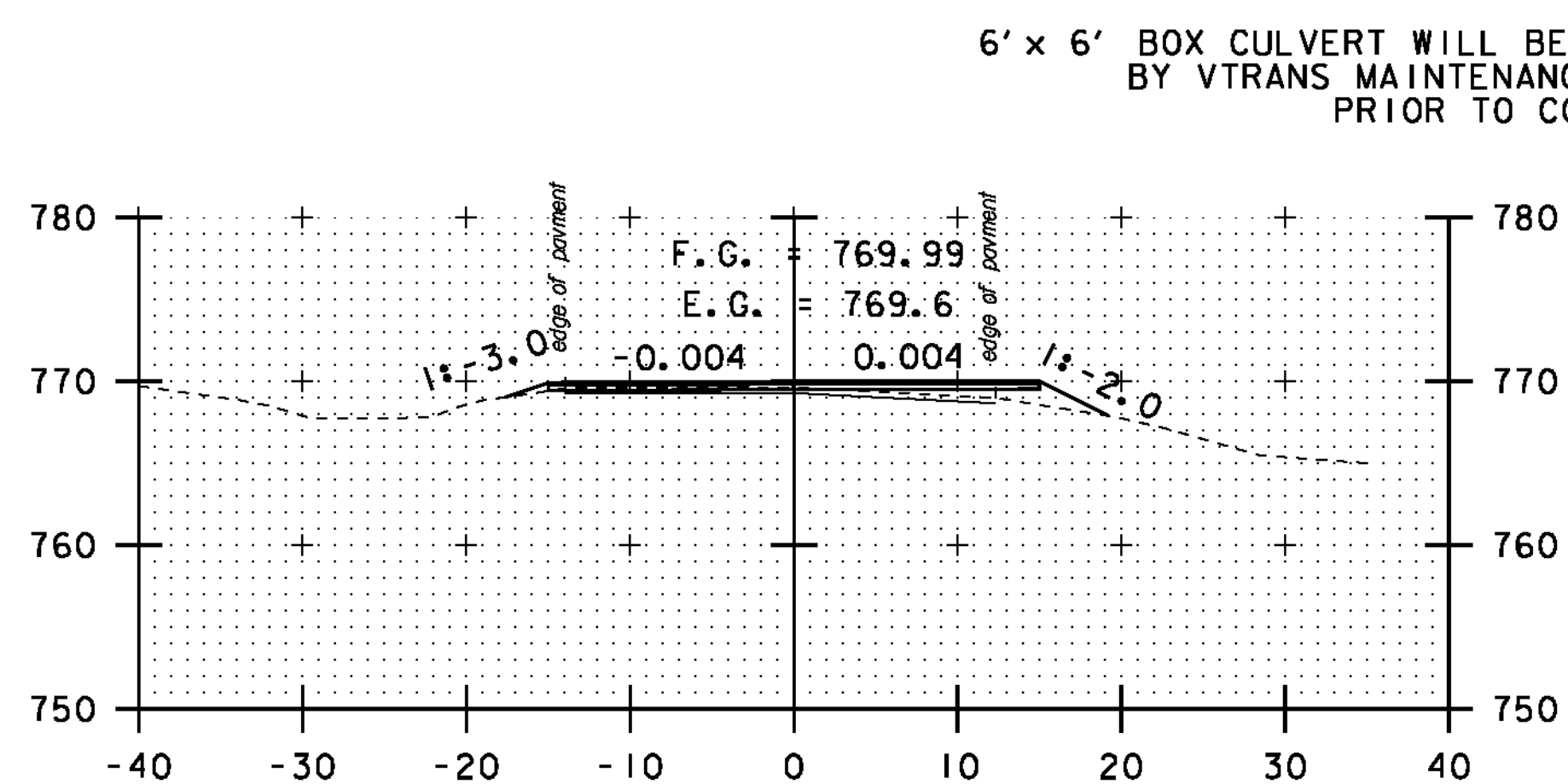
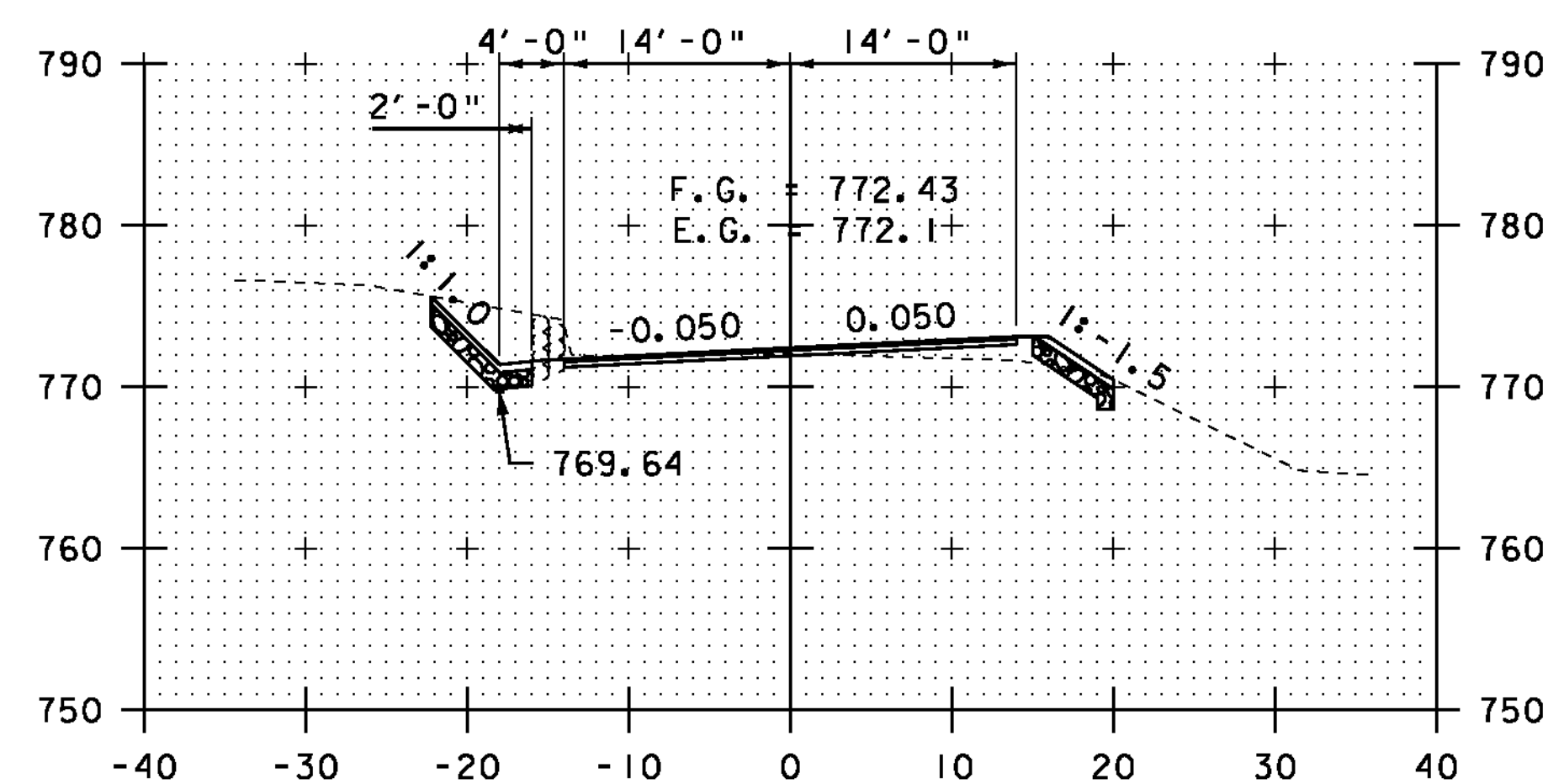
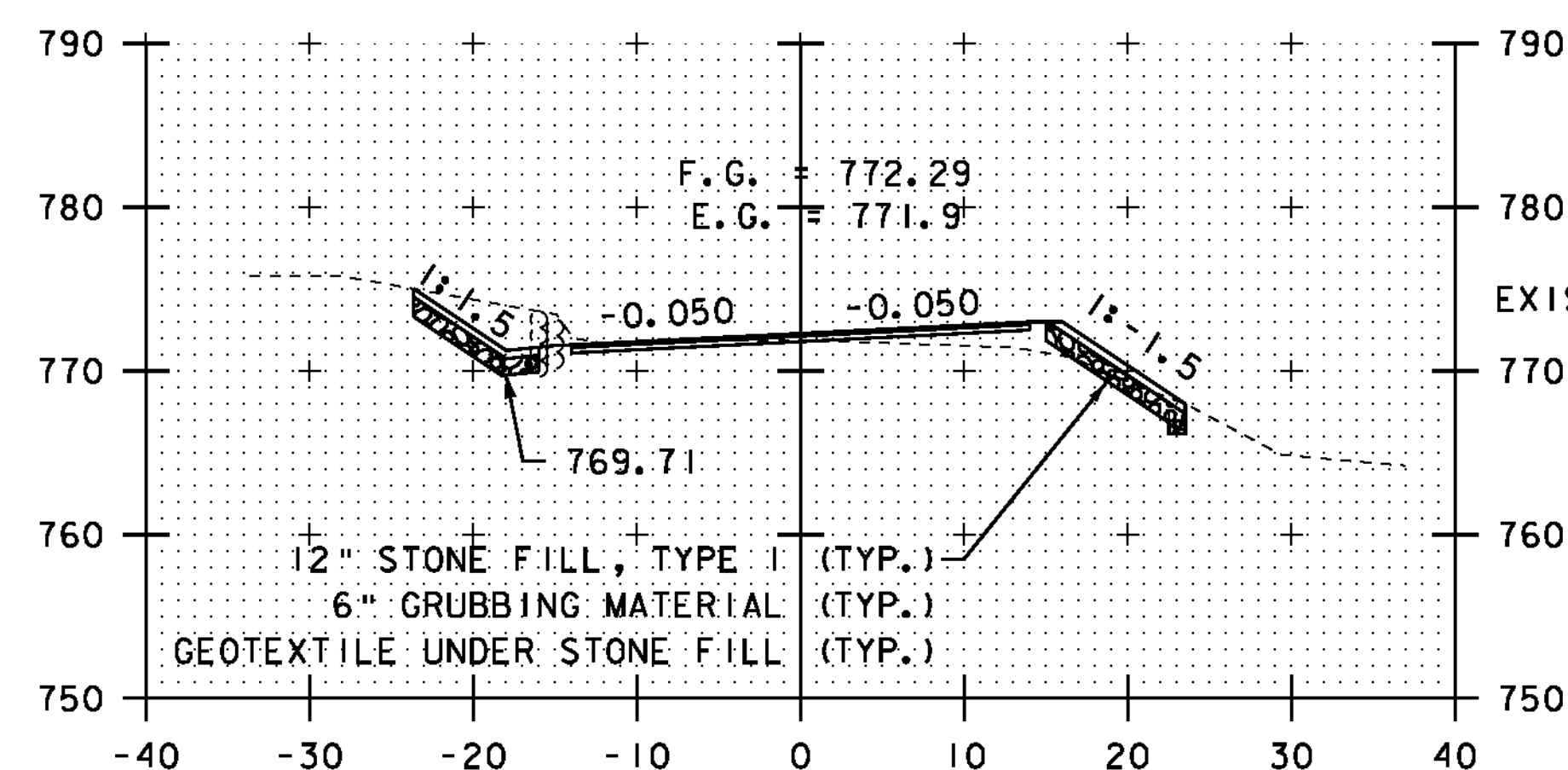
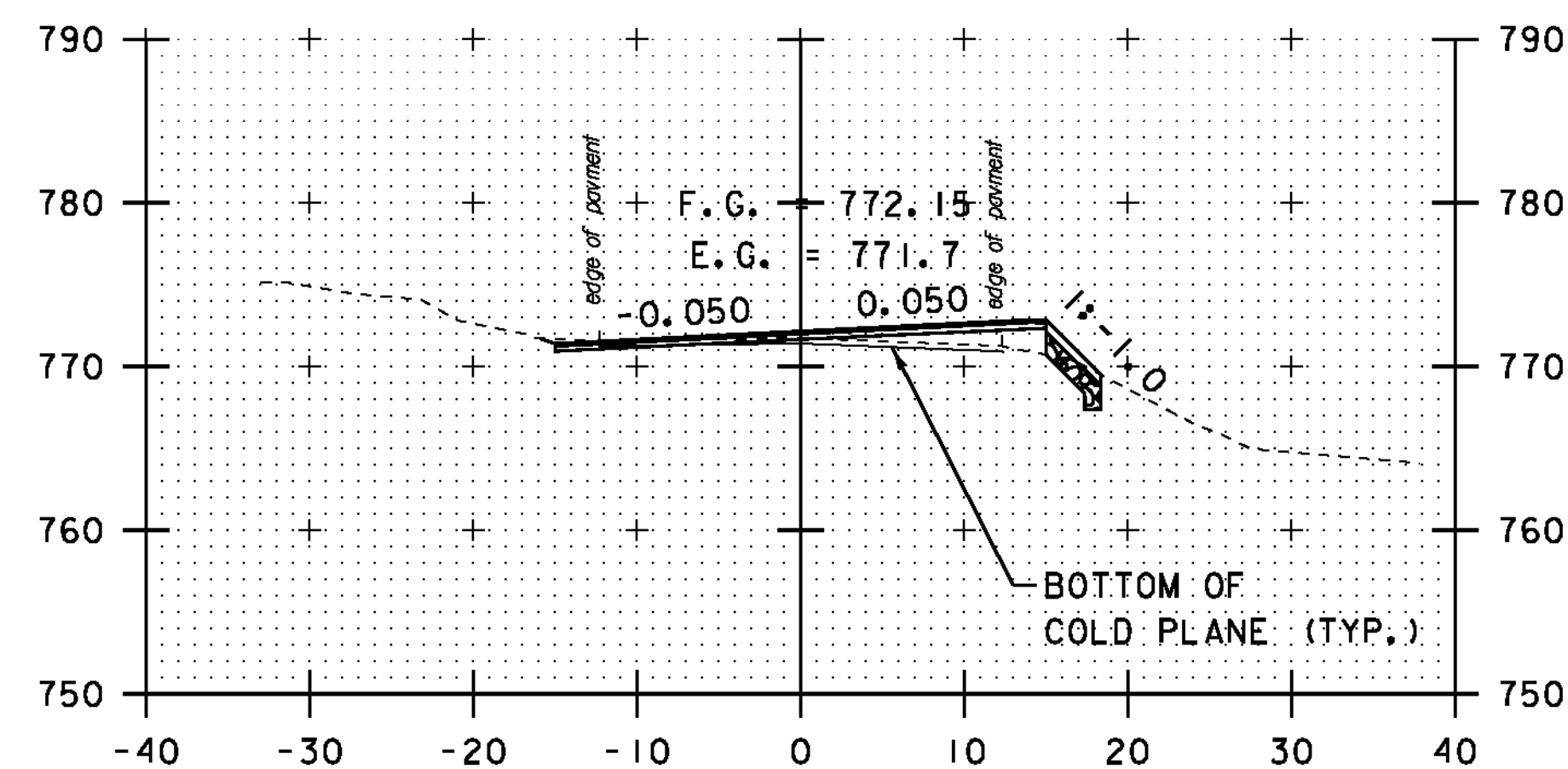
DRIVE LT/ DRIVE RT
40+50

STA. 37+00 TO STA. 42+00

SCALE 1" = 10'-0"

**CROSS
SECTION
SHEET 8**

PROJECT NAME: MONTGOMERY-WESTFIELD
 PROJECT NUMBER: STP 2906(I)
 FILE NAME: p10CI90.dgn
 PROJECT LEADER: CDL
 DESIGNED BY: SJL
 PLOT FILE: p10CI90.I22.I
 PLOT DATE: 9/5/12
 DRAWN BY: SJL
 CHECKED BY: CDL
 SHEET 122 OF 178

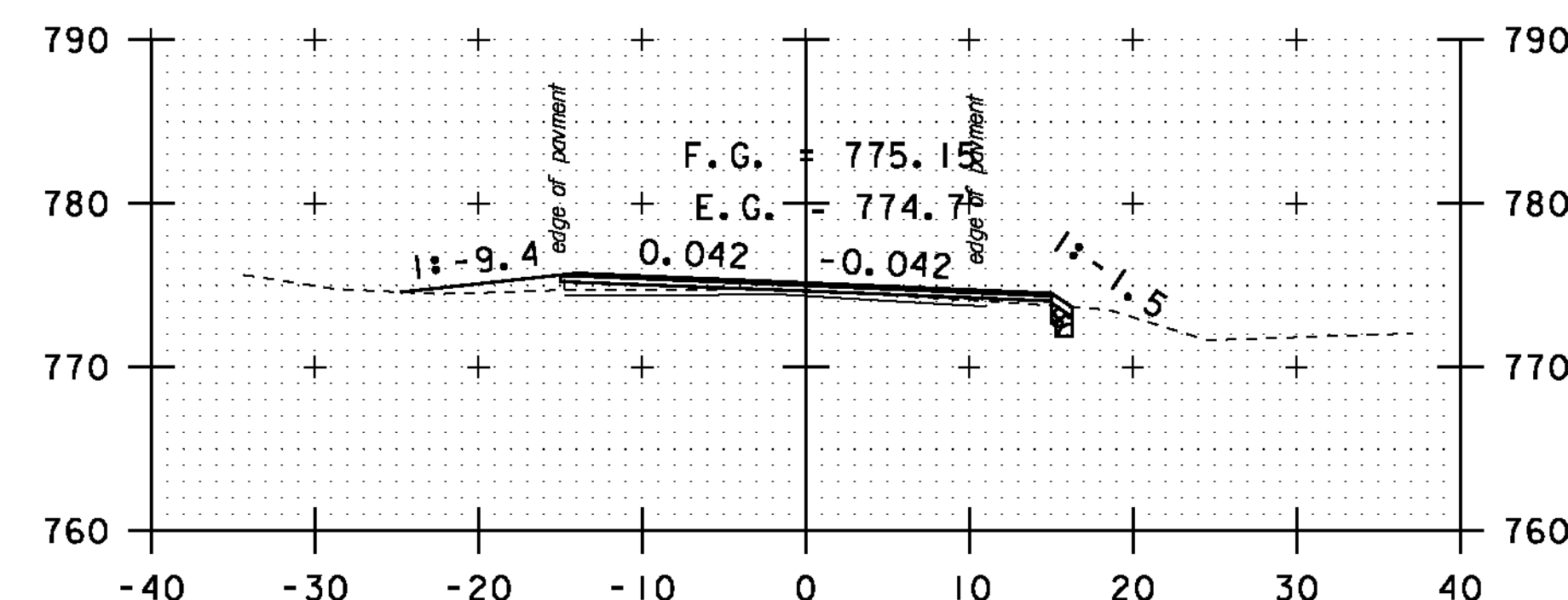


STA. 42+25 TO STA. 45+50

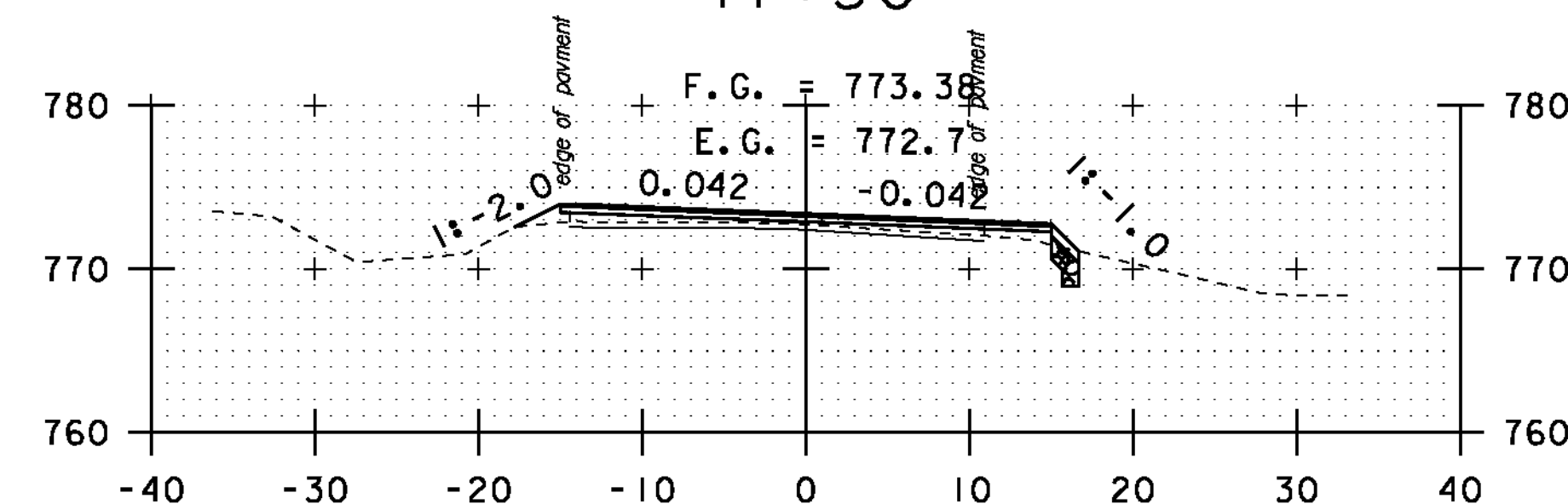
SCALE 1" = 10'-0"

CROSS SECTION SHEET 9

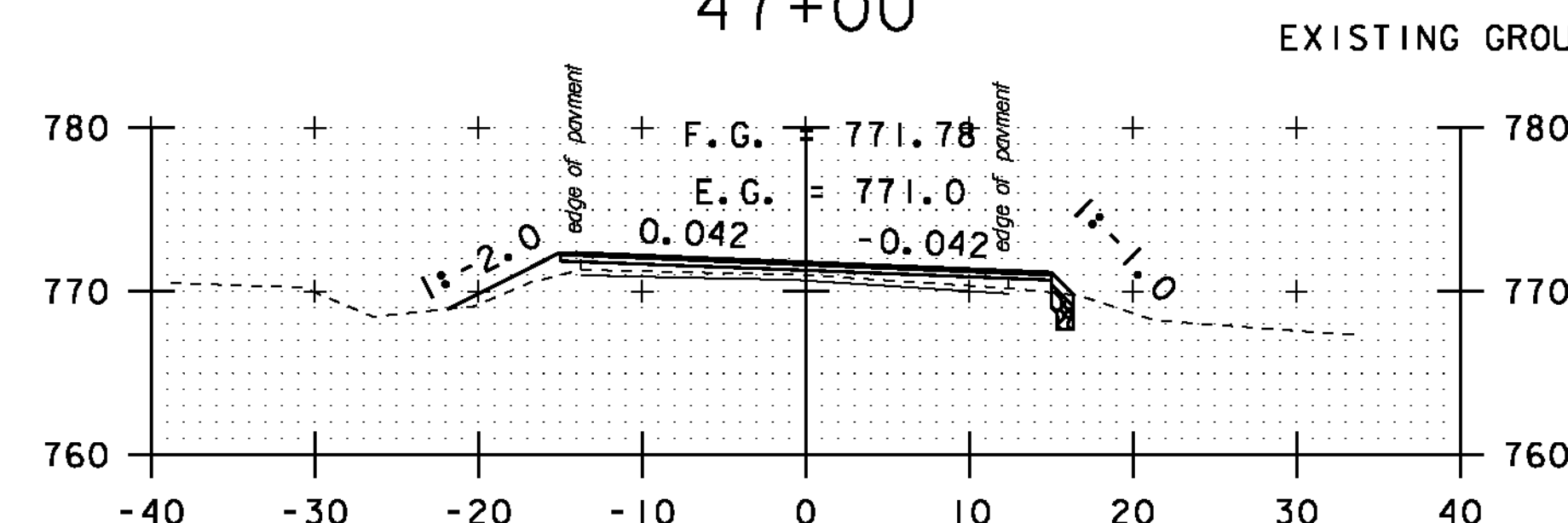
PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(I)
FILE NAME: pIOC190.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: pIOC190_123.1
PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: CDL
SHEET 123 OF 178



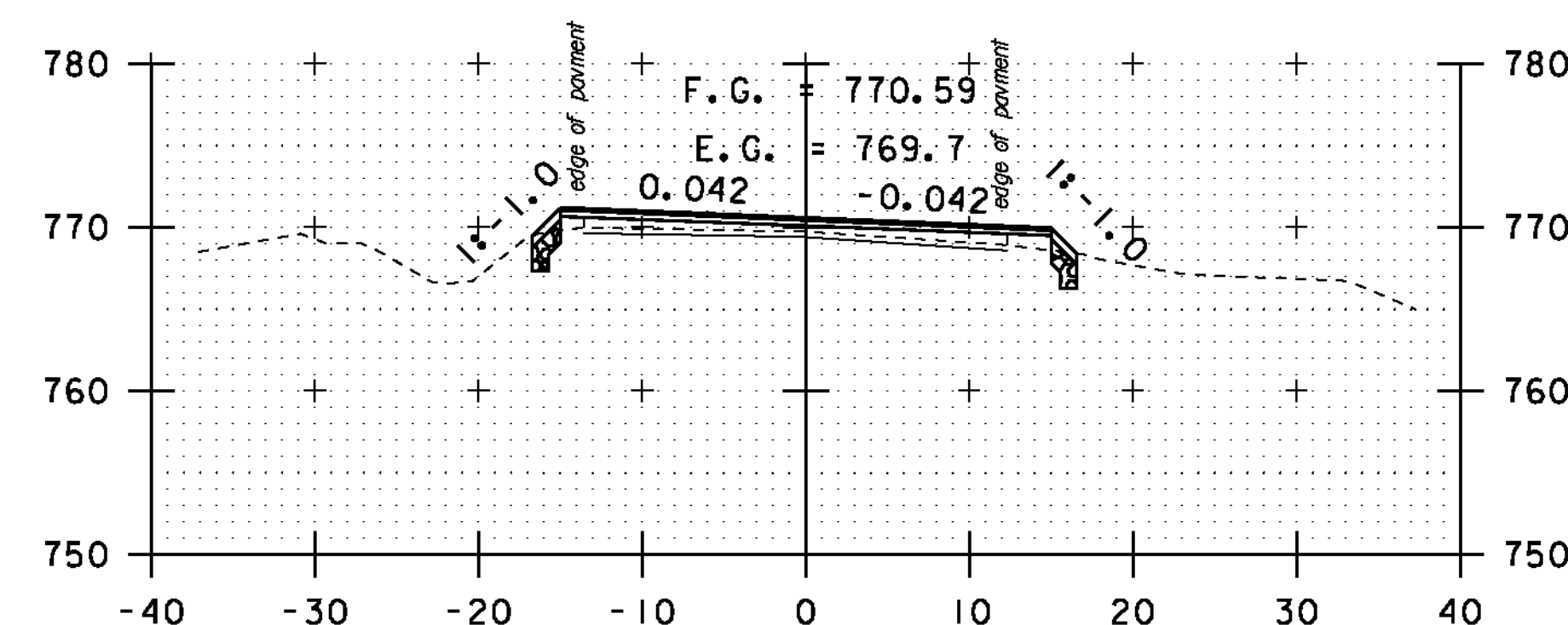
DRIVE LT
47+50



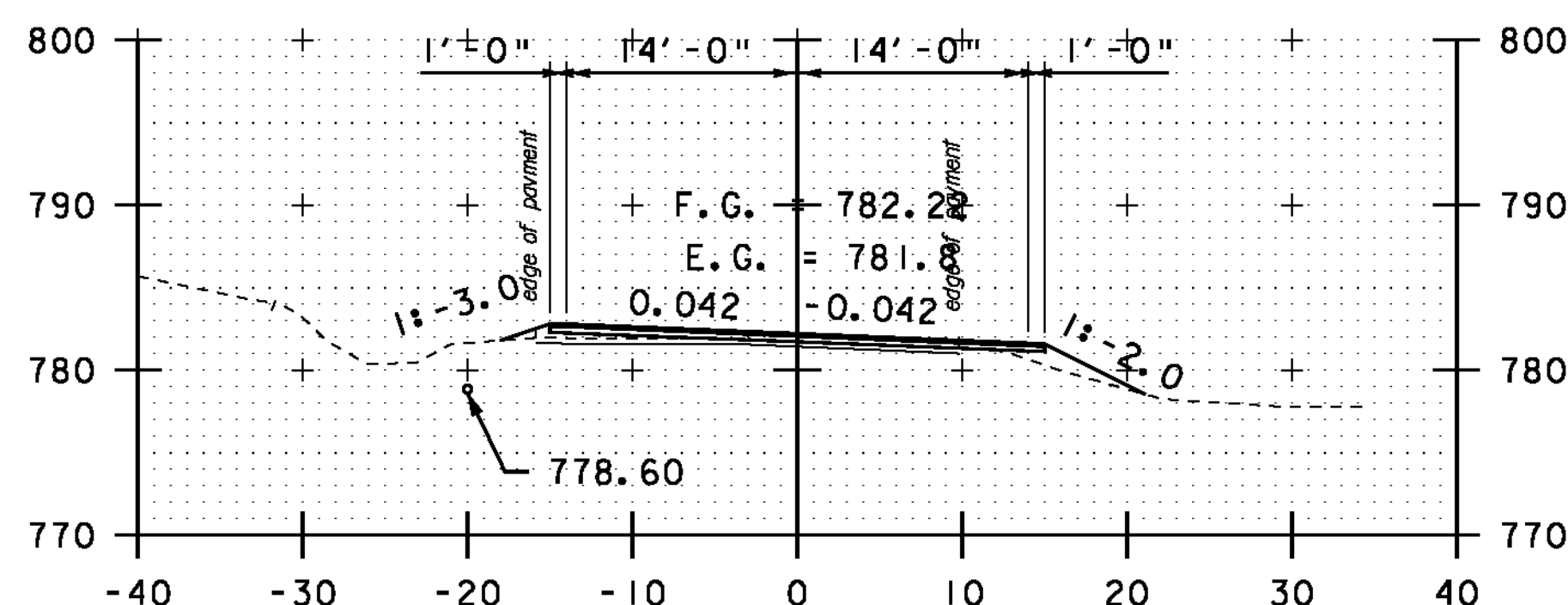
47+00



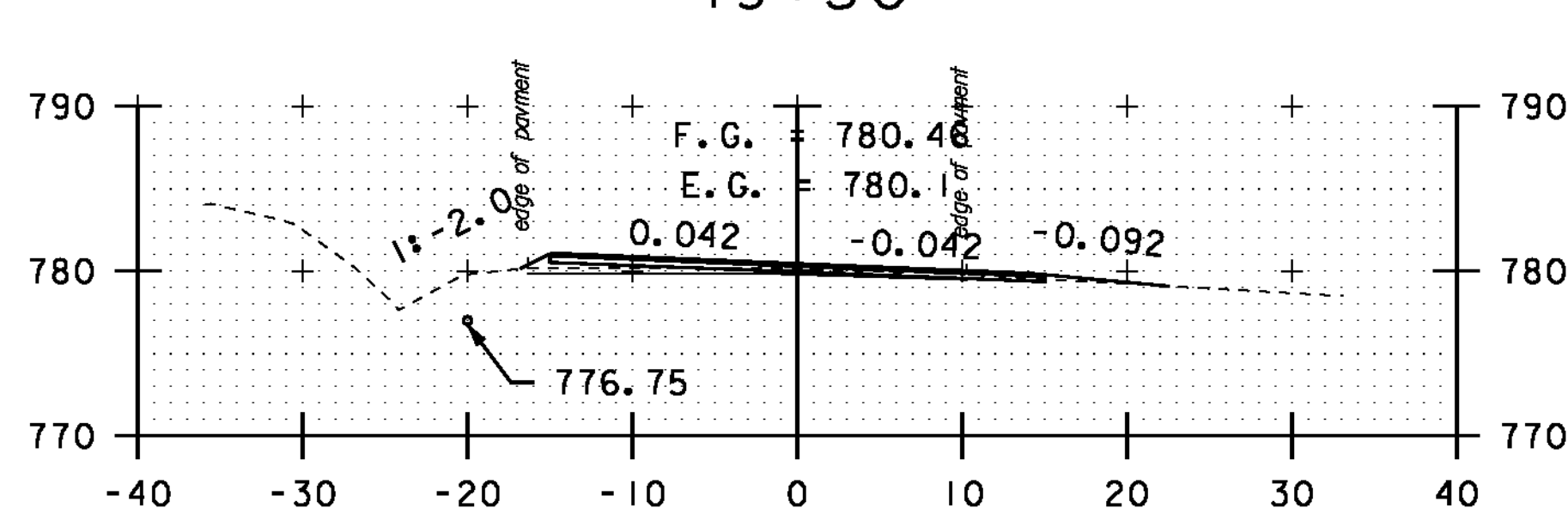
46+50



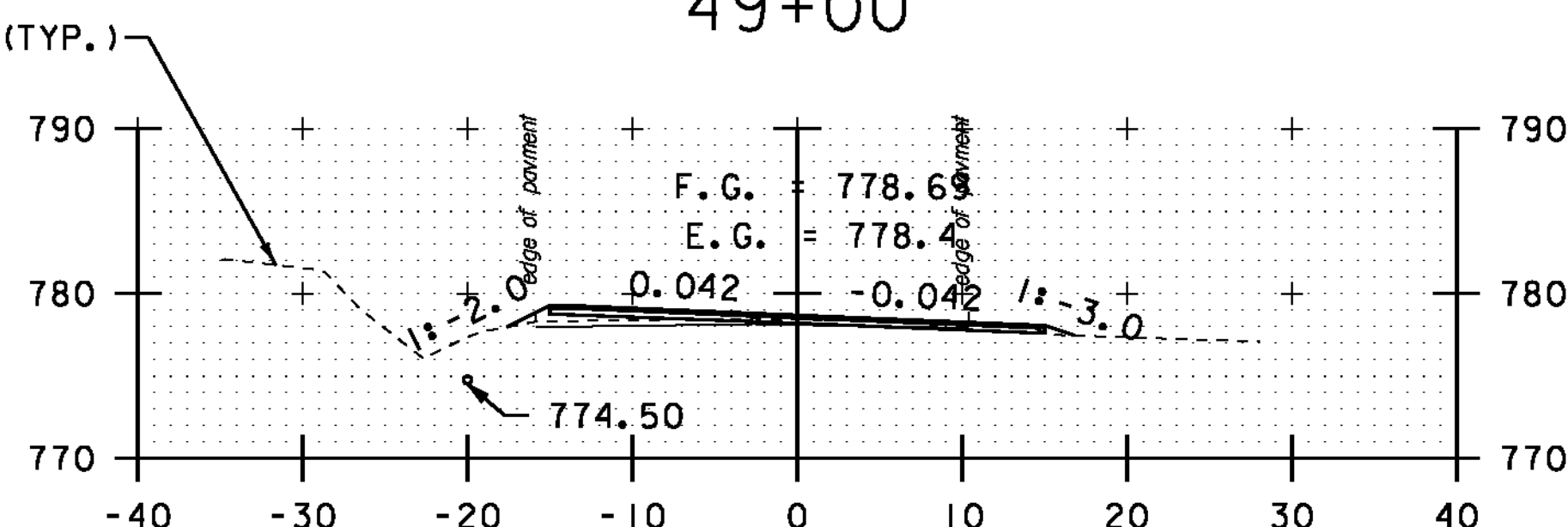
46+00



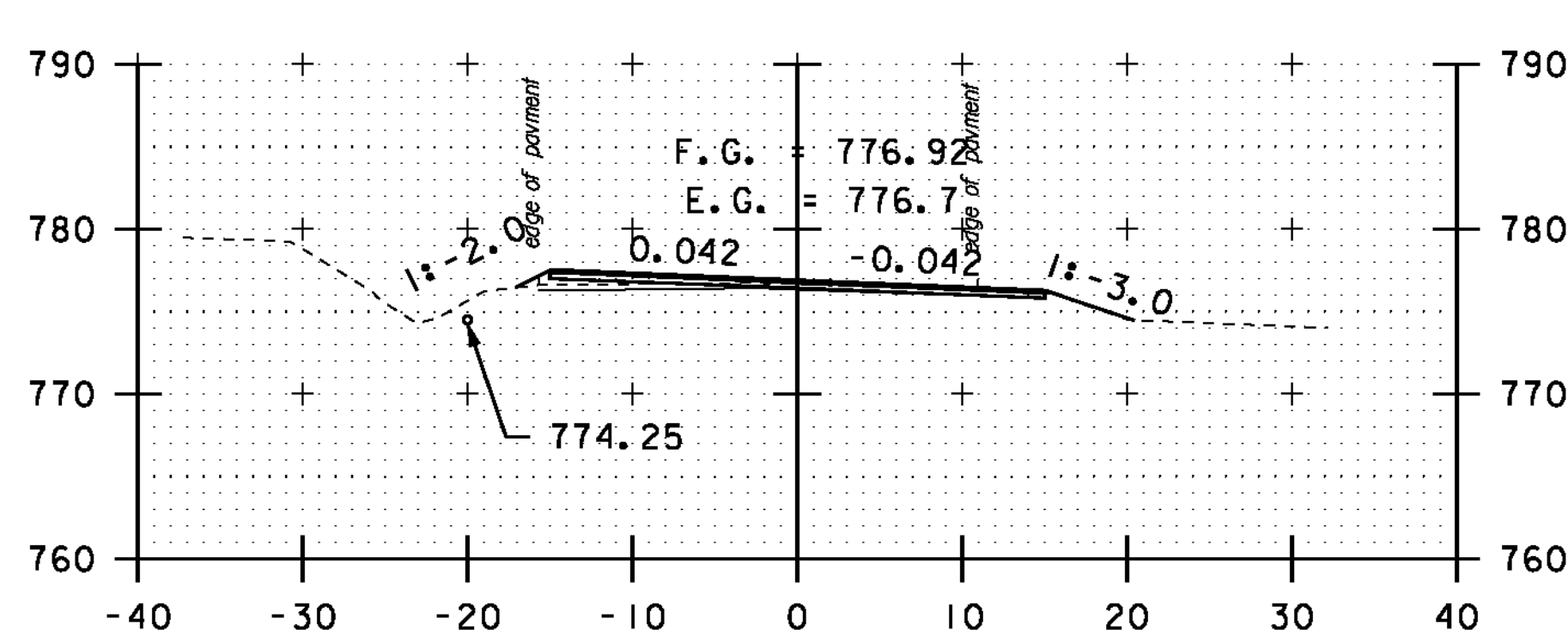
49+50



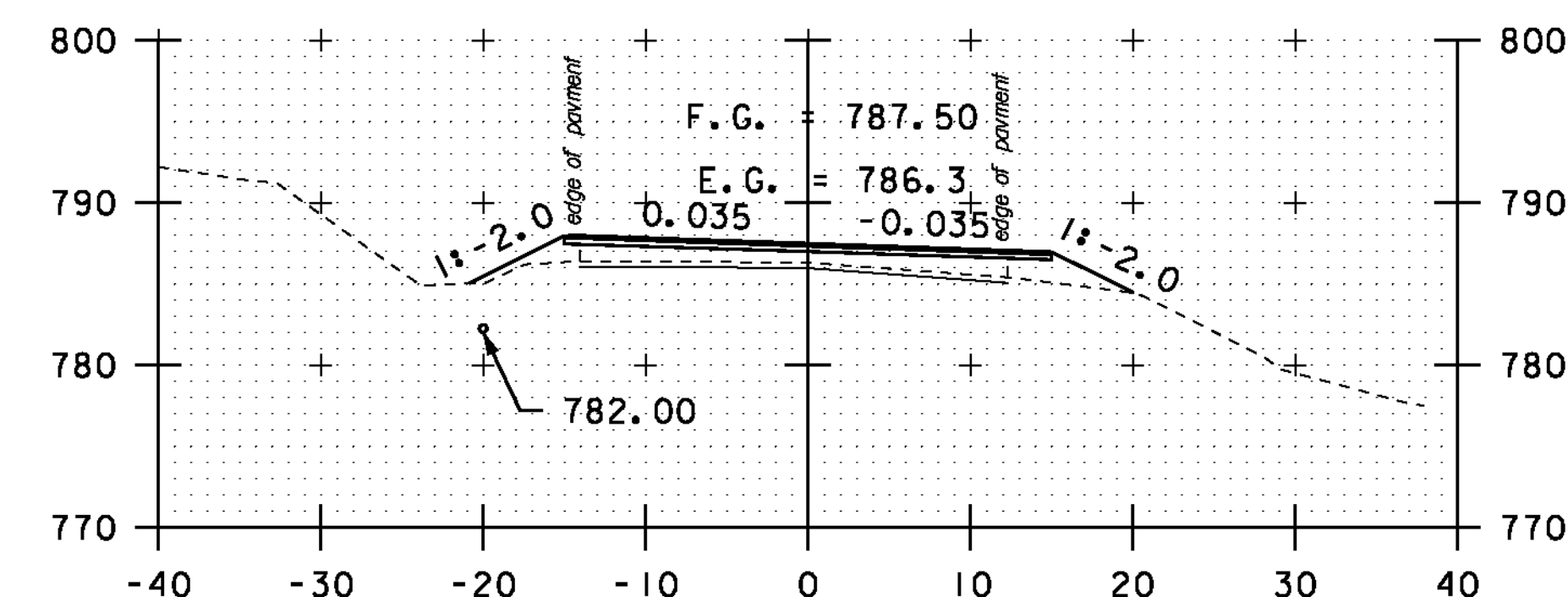
DRIVE RT
49+00



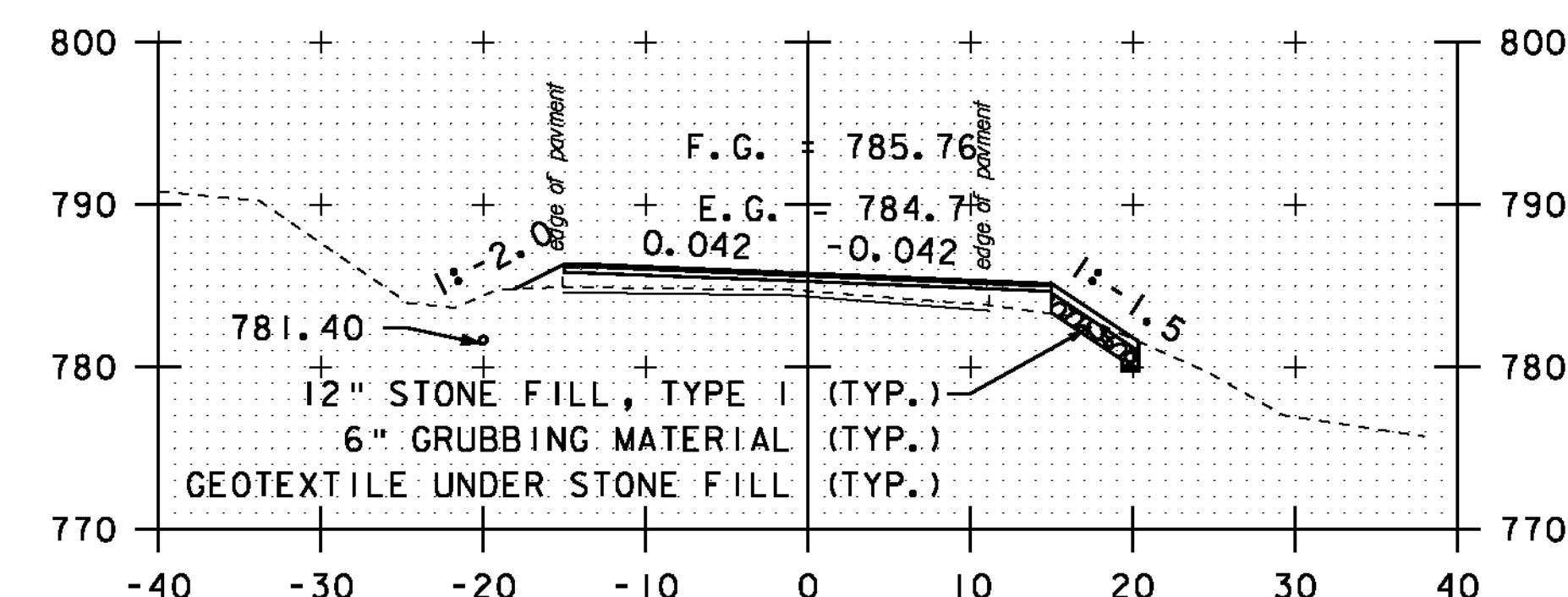
48+50



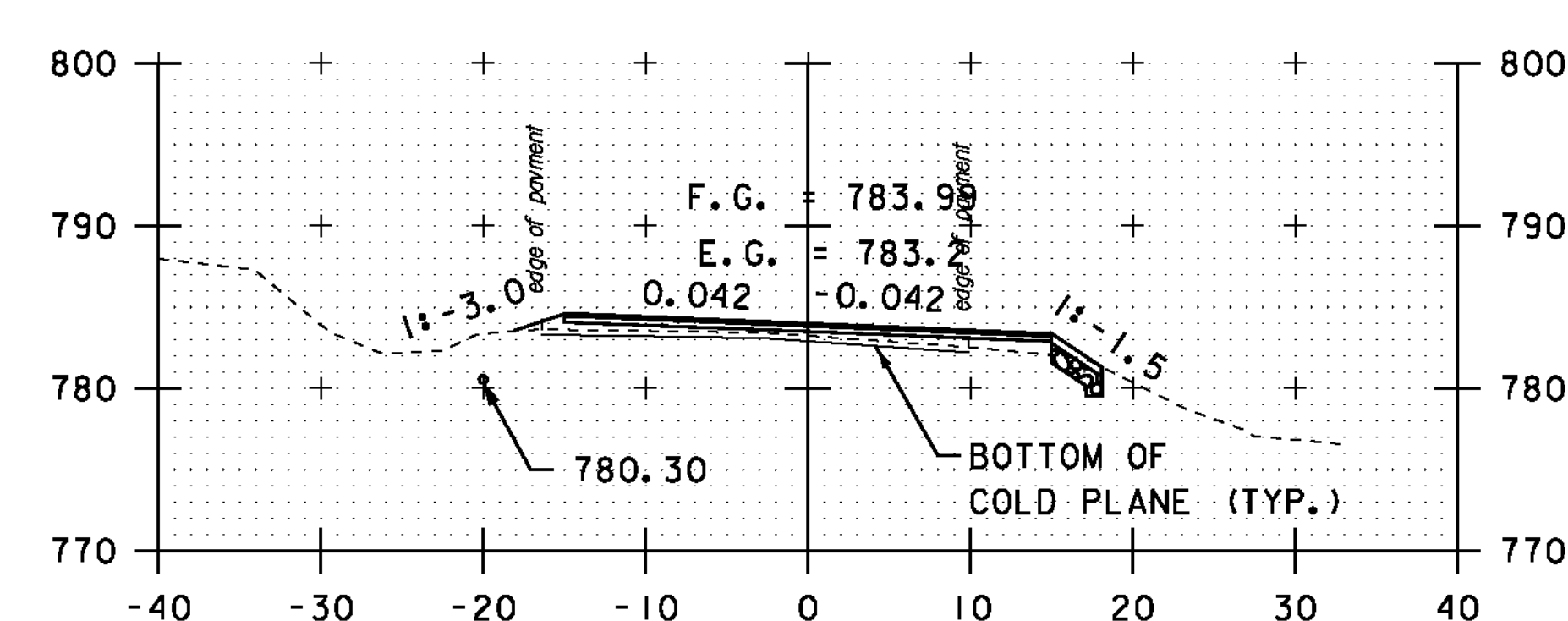
48+00



51+00



50+50



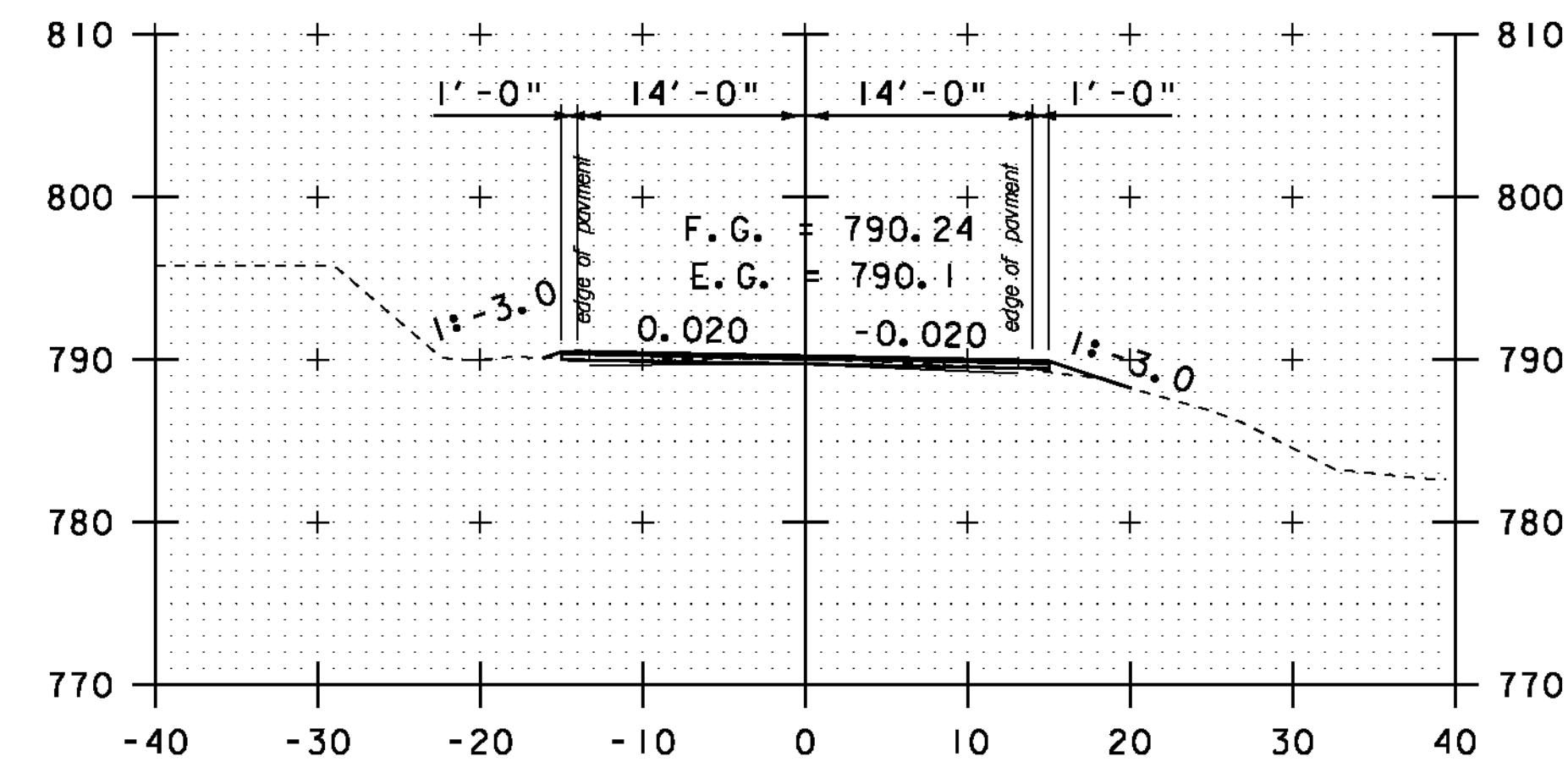
50+00

STA. 46+00 TO STA. 51+00

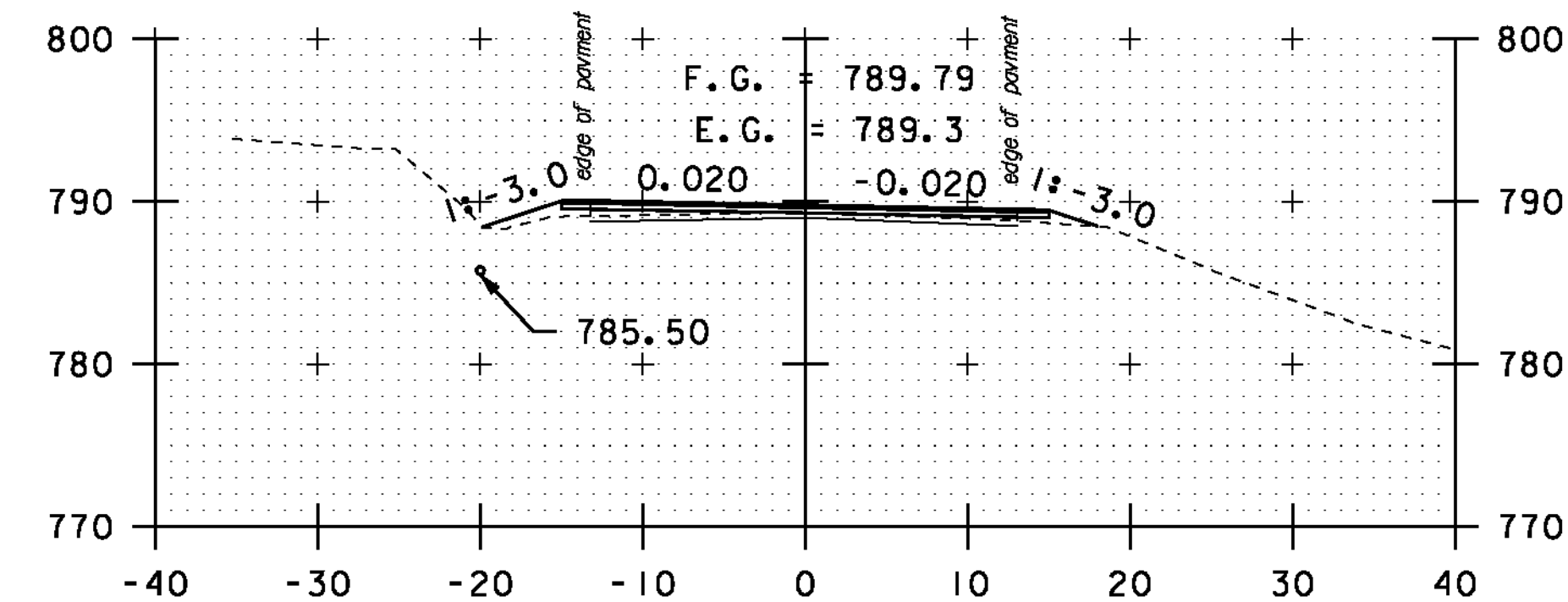
SCALE 1" = 10'-0"

**CROSS
SECTION
SHEET 10**

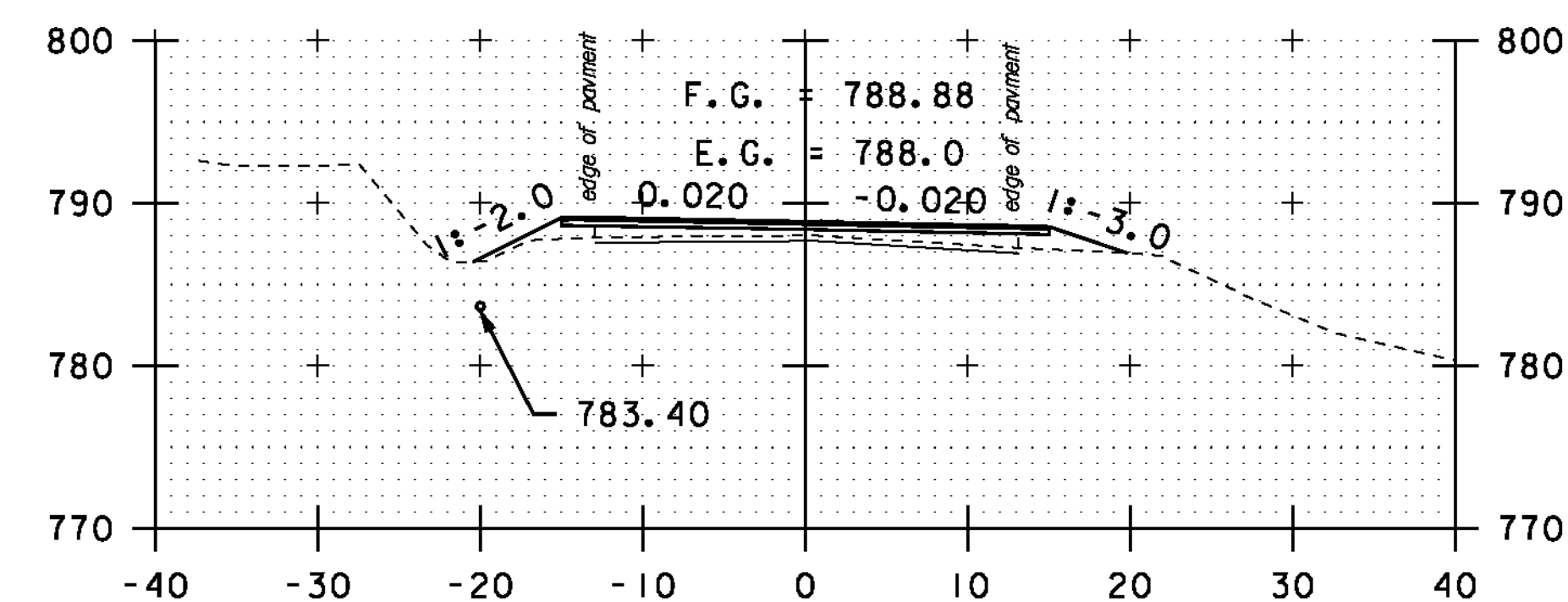
PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(1)
FILE NAME: p10CI90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10CI90_124.1
PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: CDL
SHEET 124 OF 178



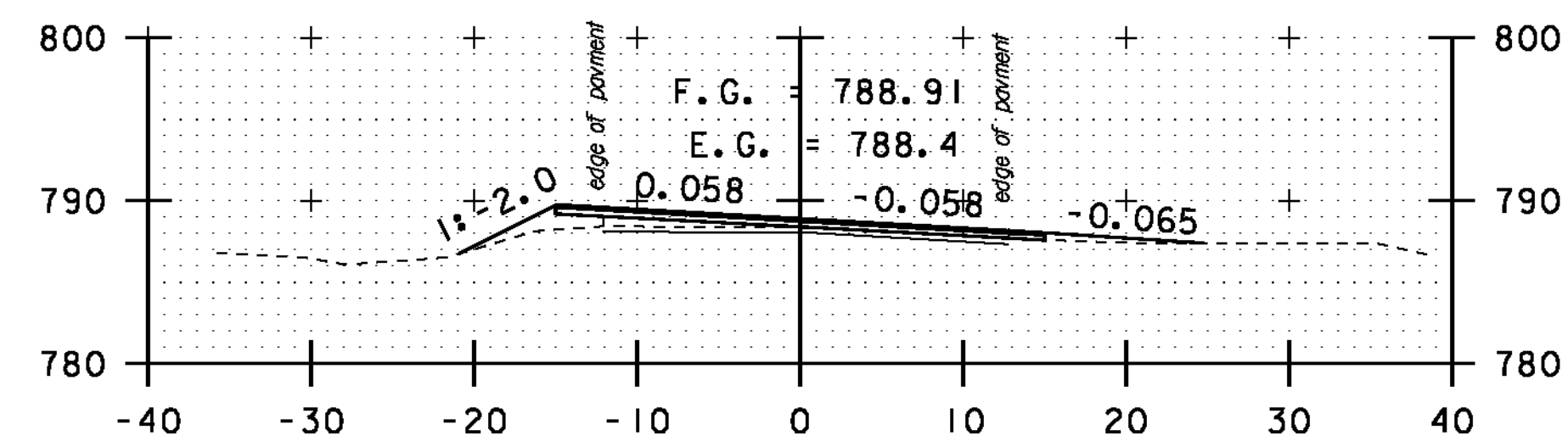
52+50



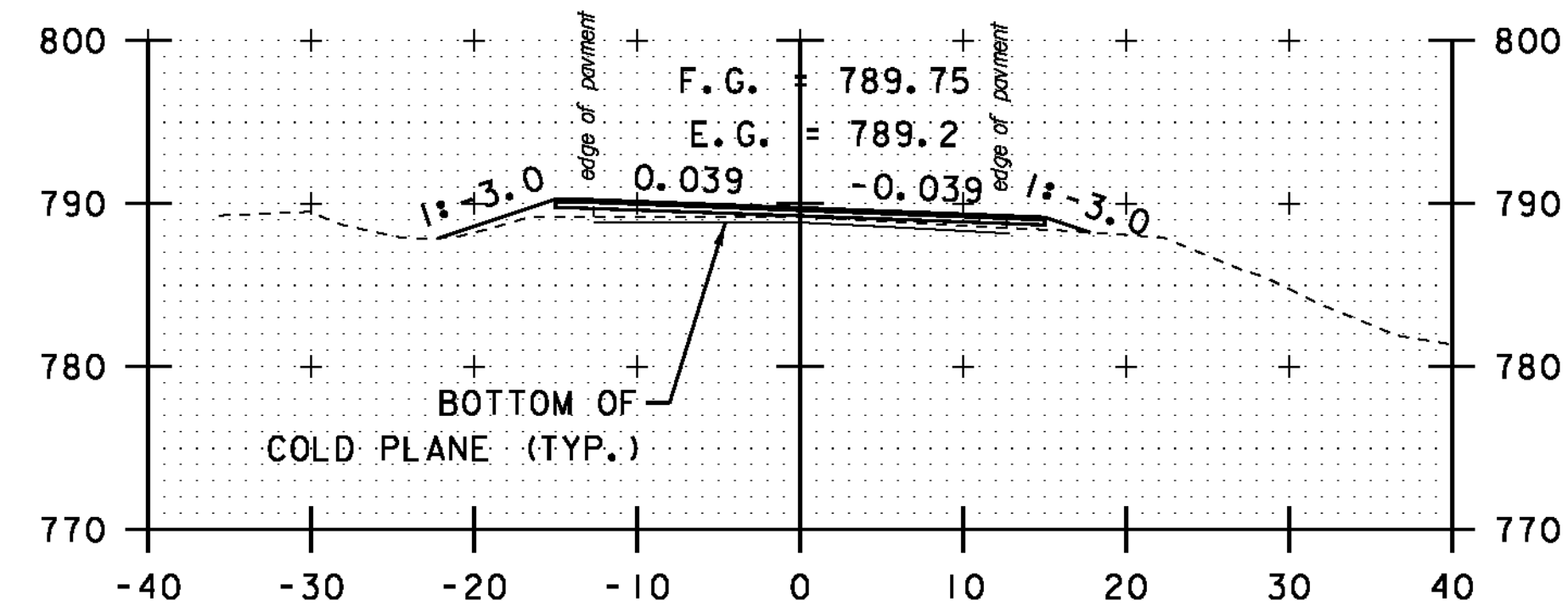
52+00



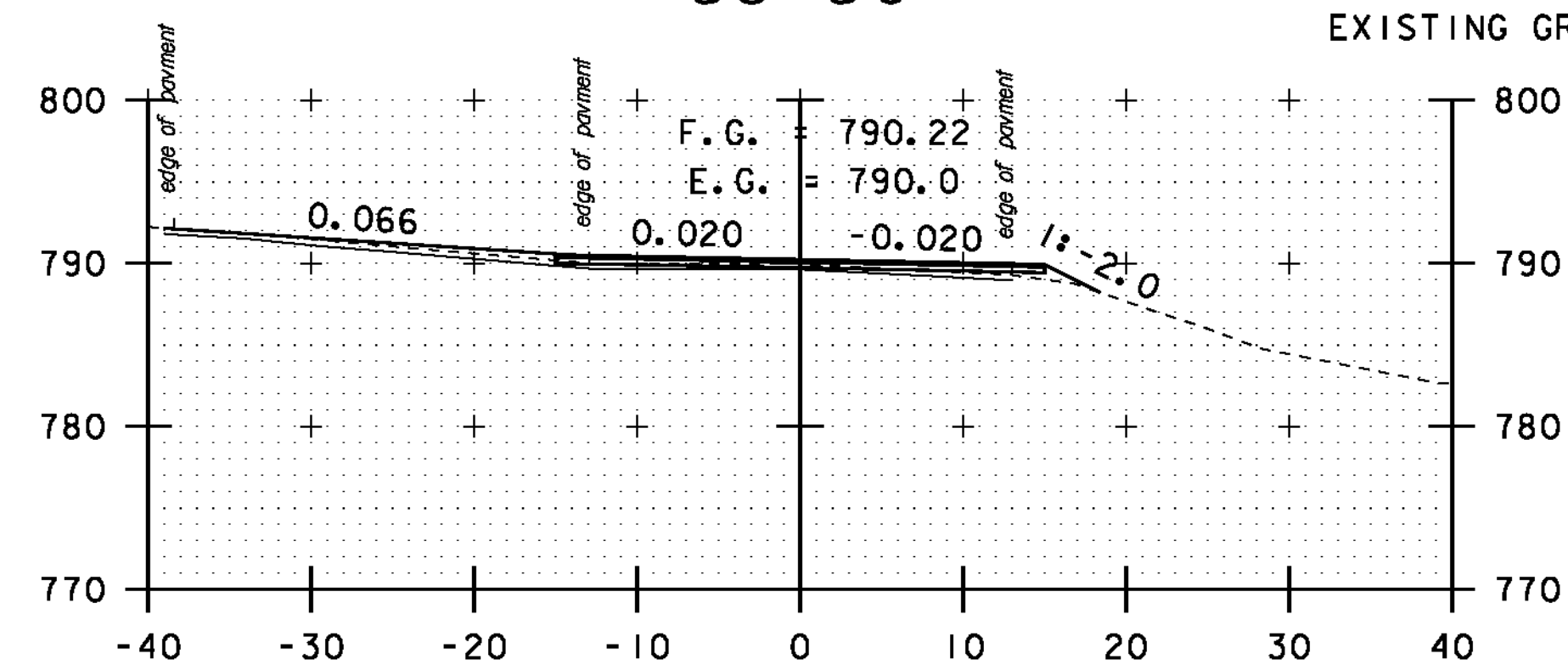
51+50



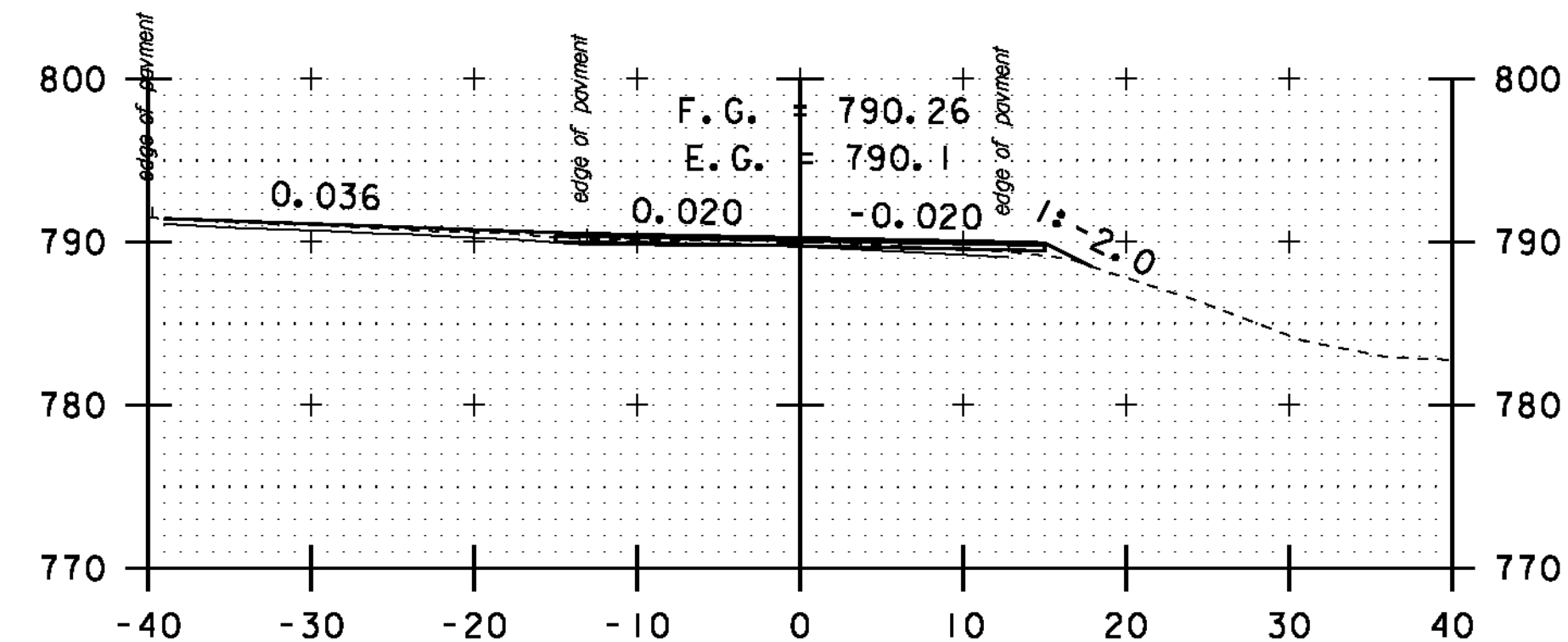
DRIVE RT
54+00



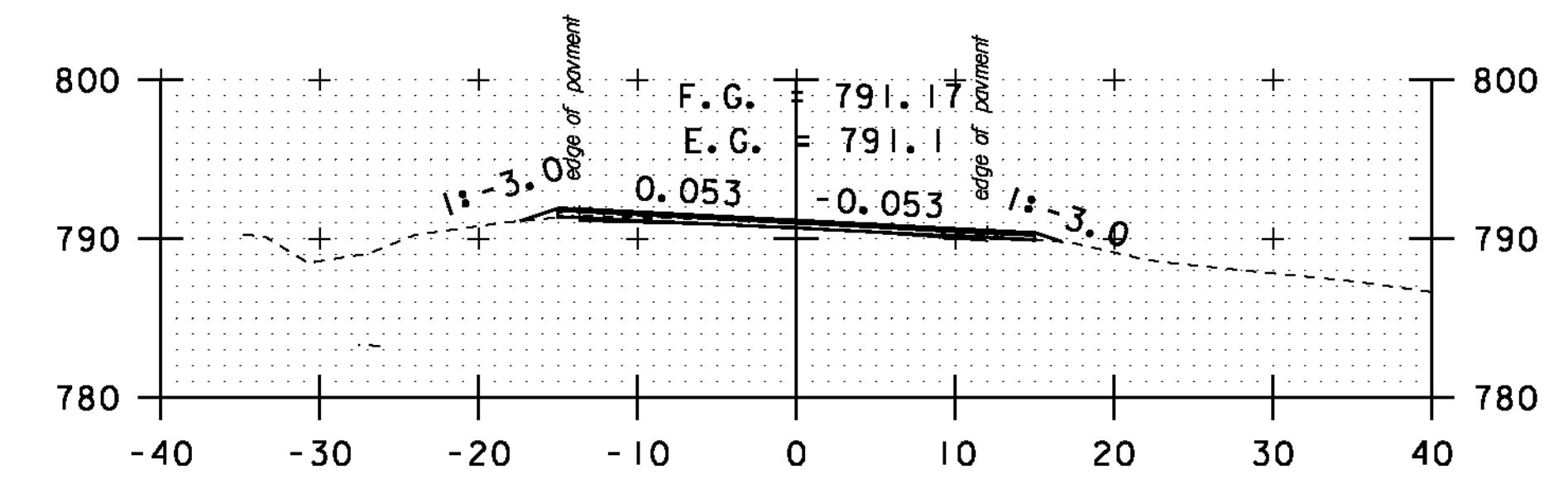
53+50



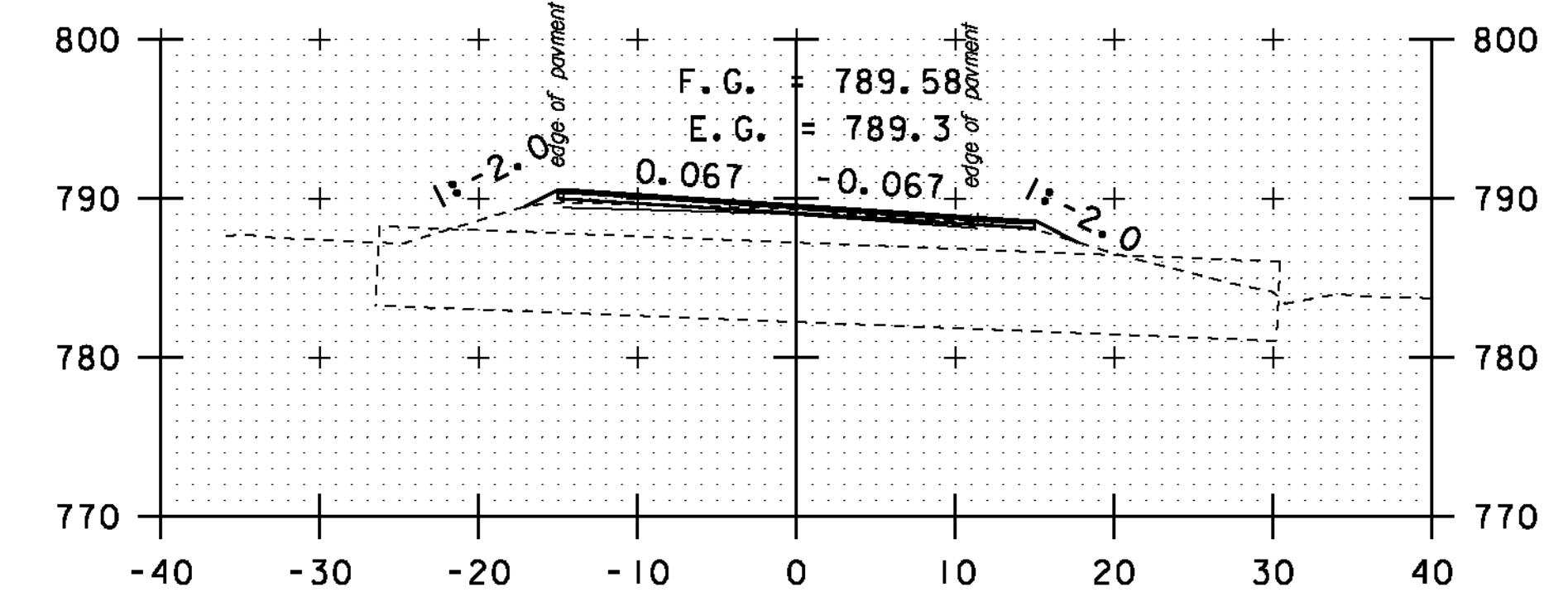
TH #16 LT
53+00



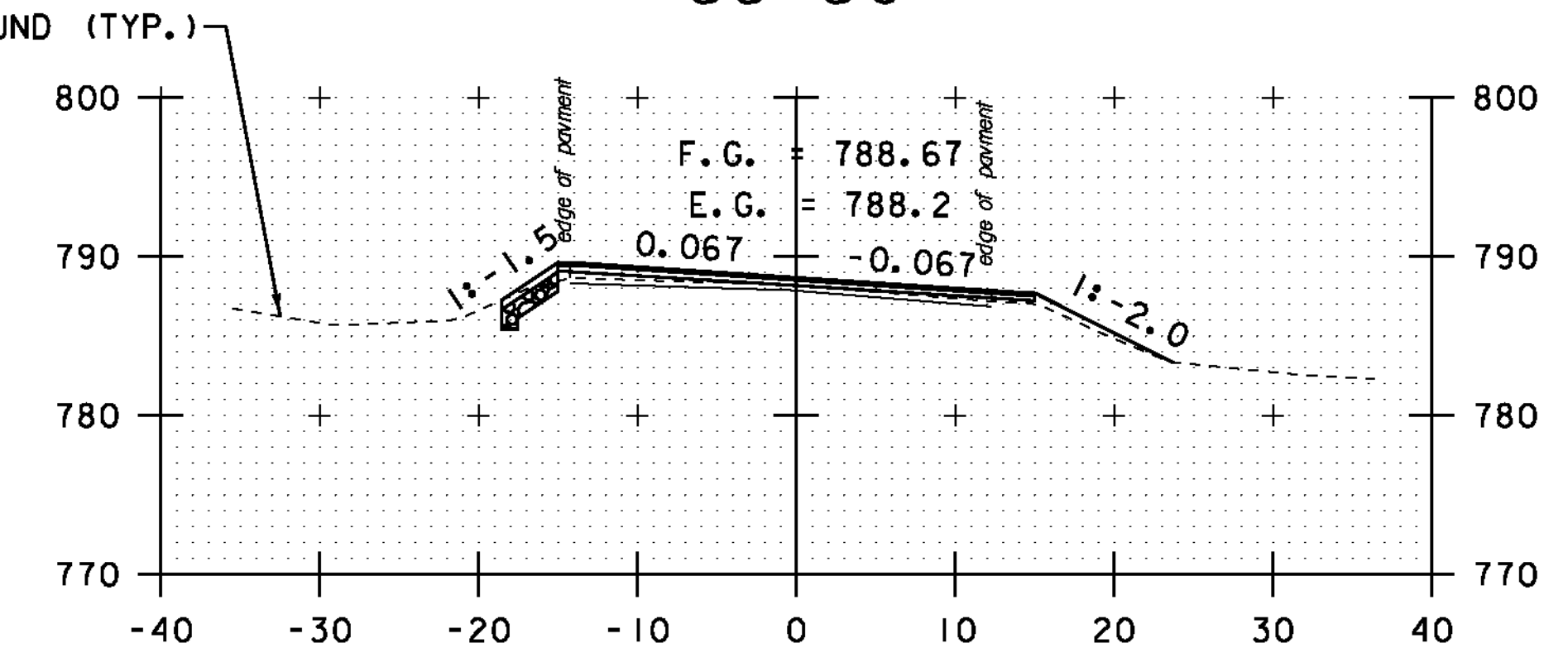
TH #16 LT
52+90



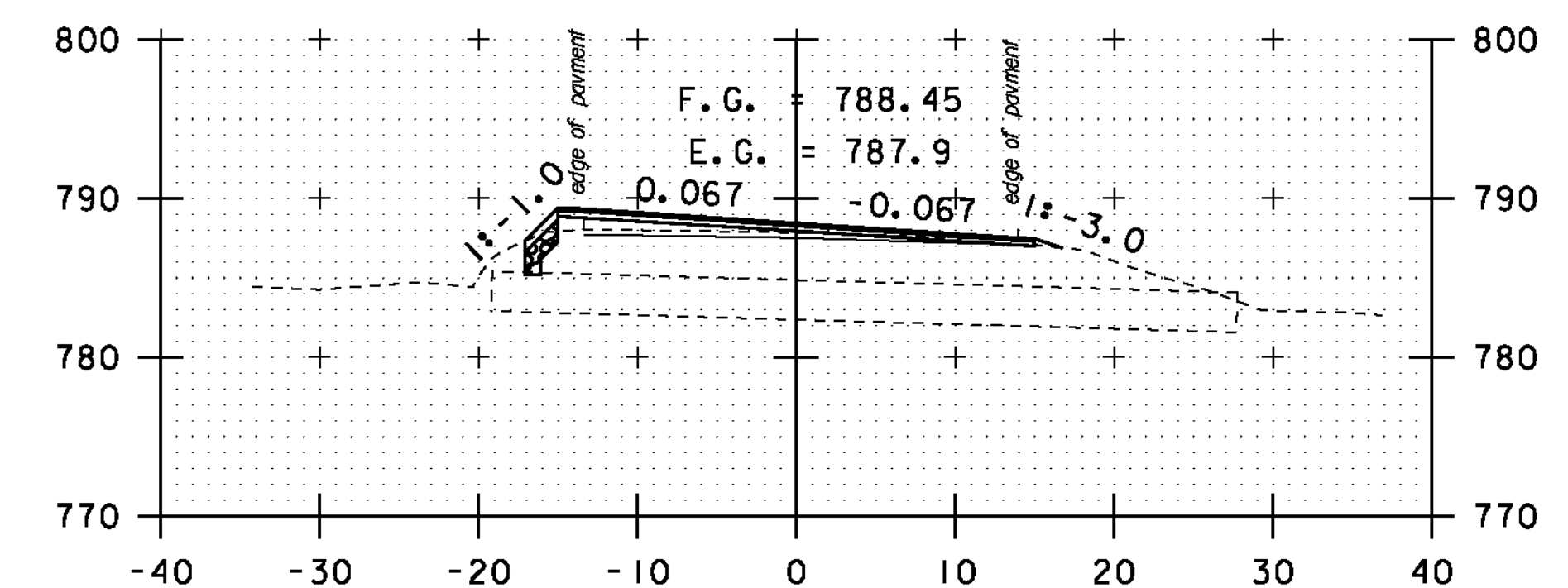
56+00



55+50



55+00



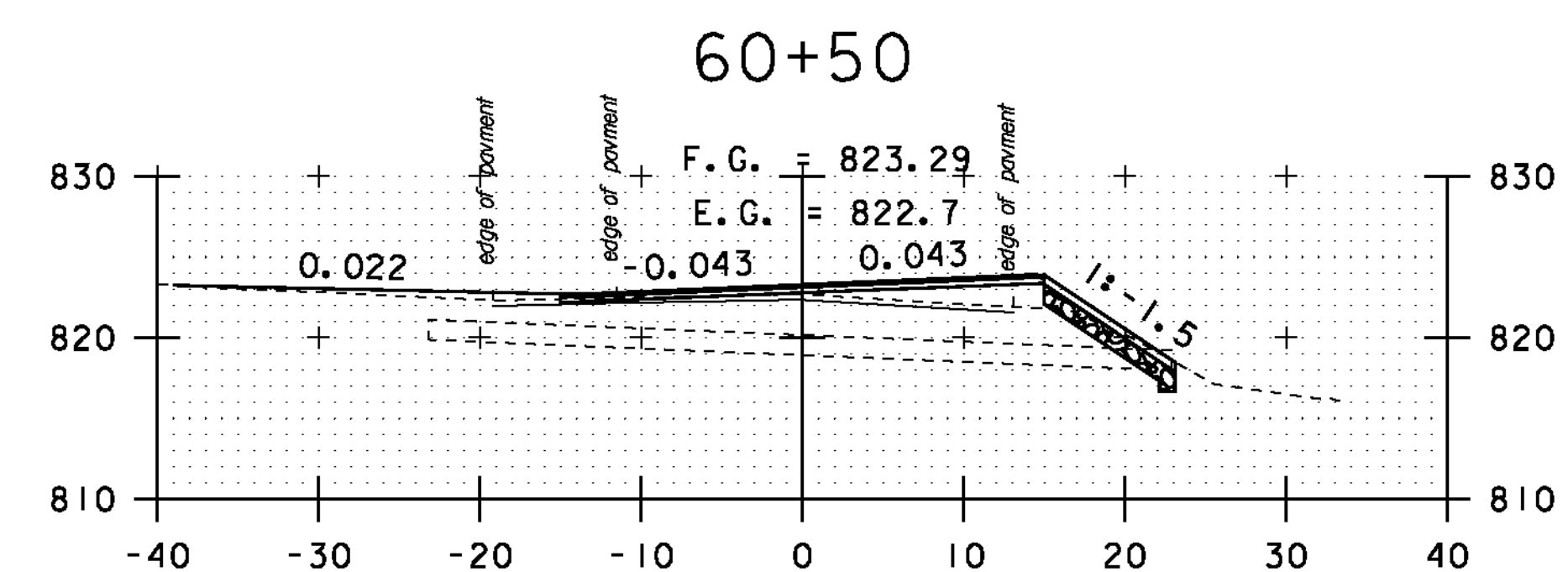
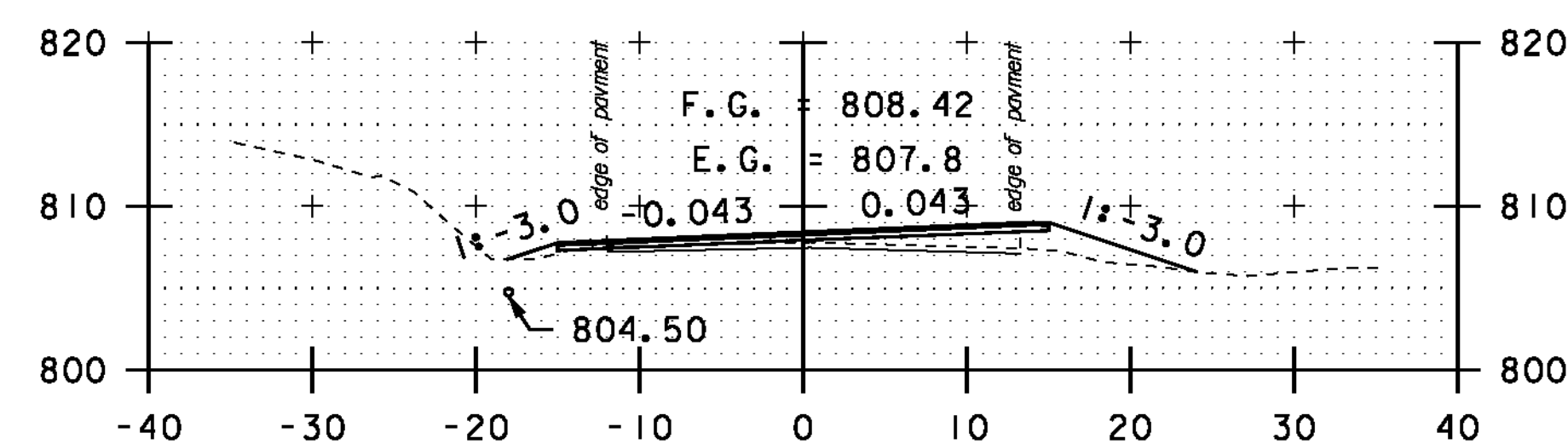
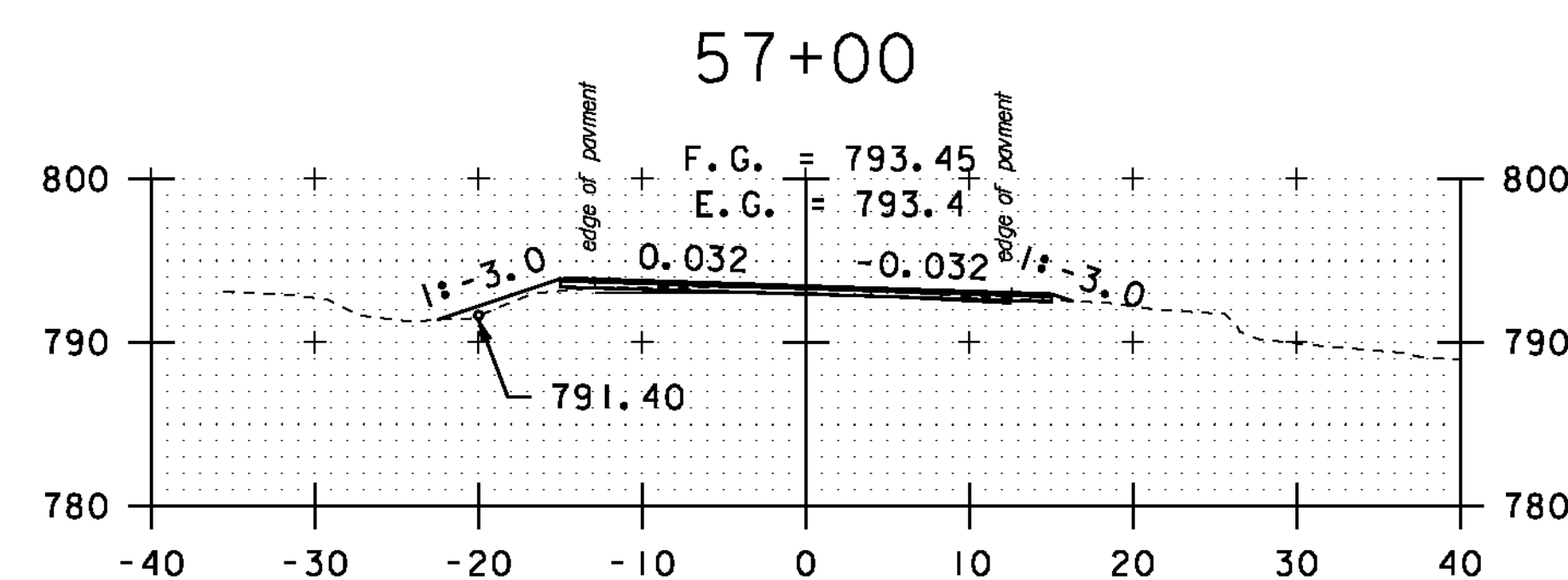
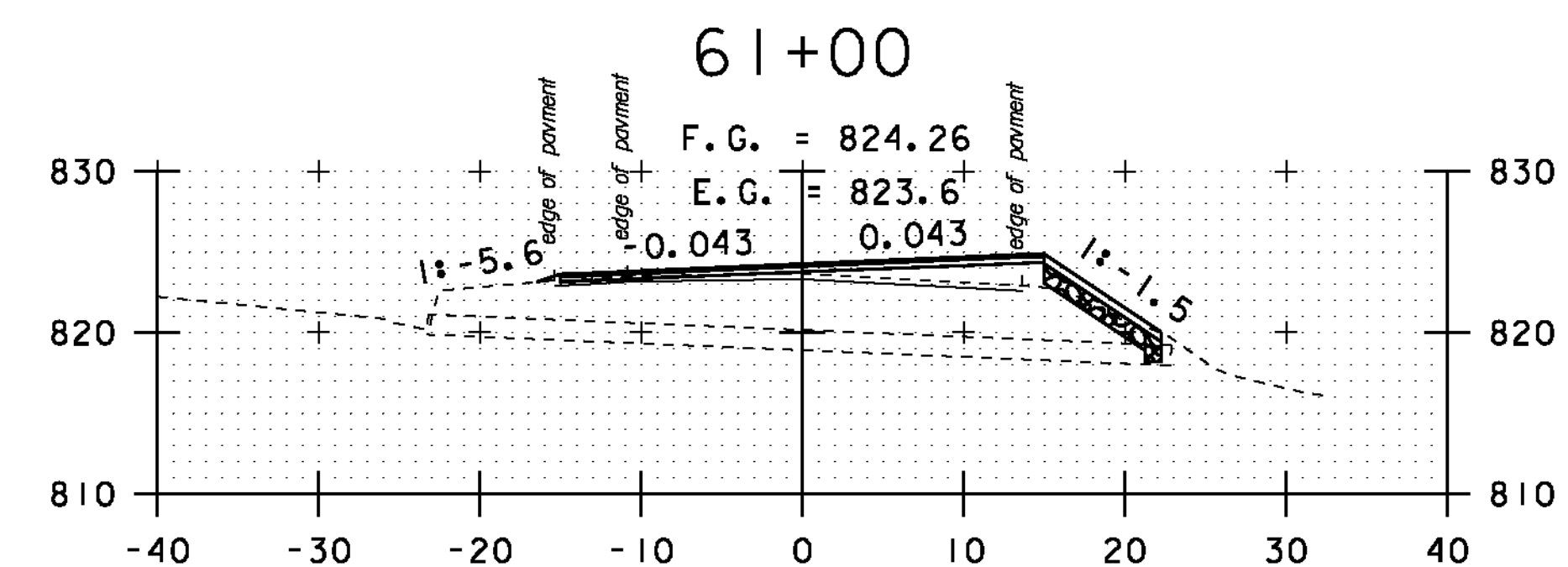
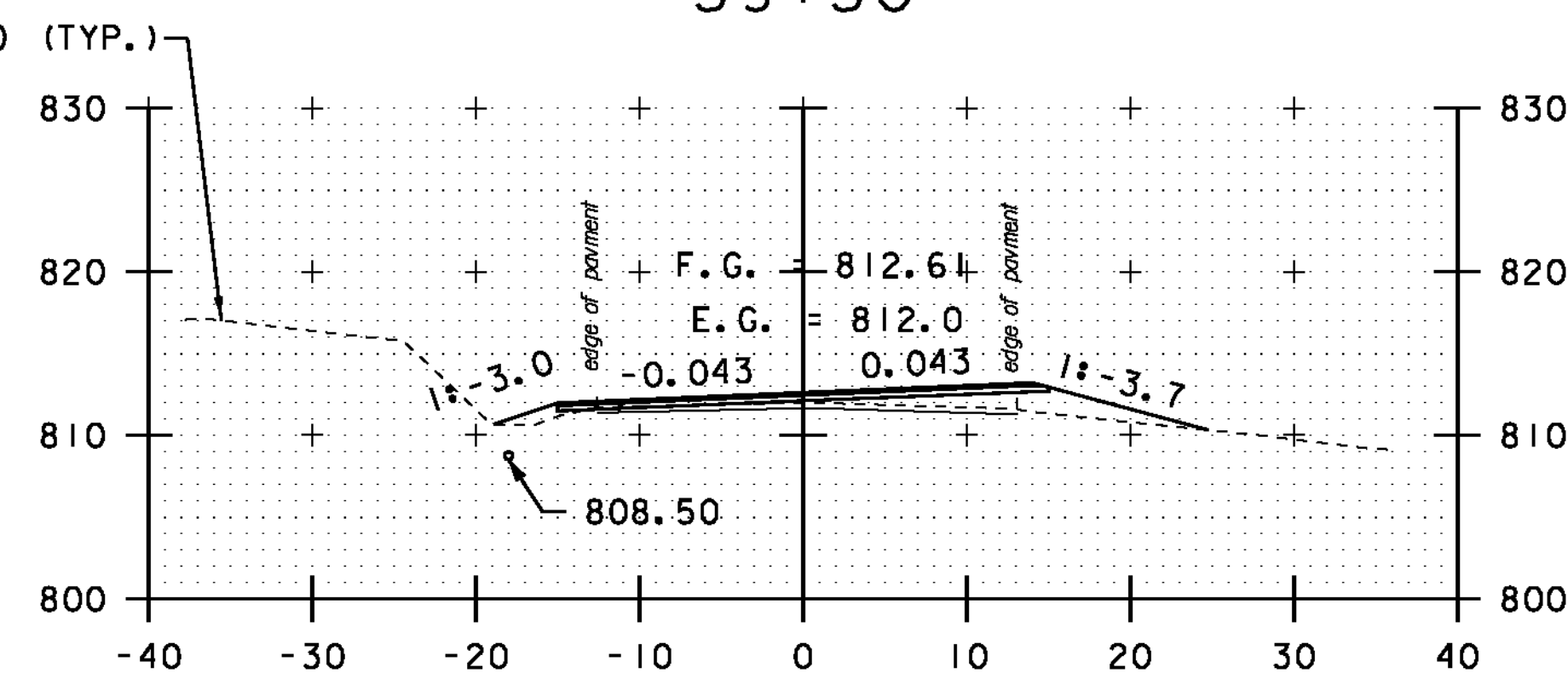
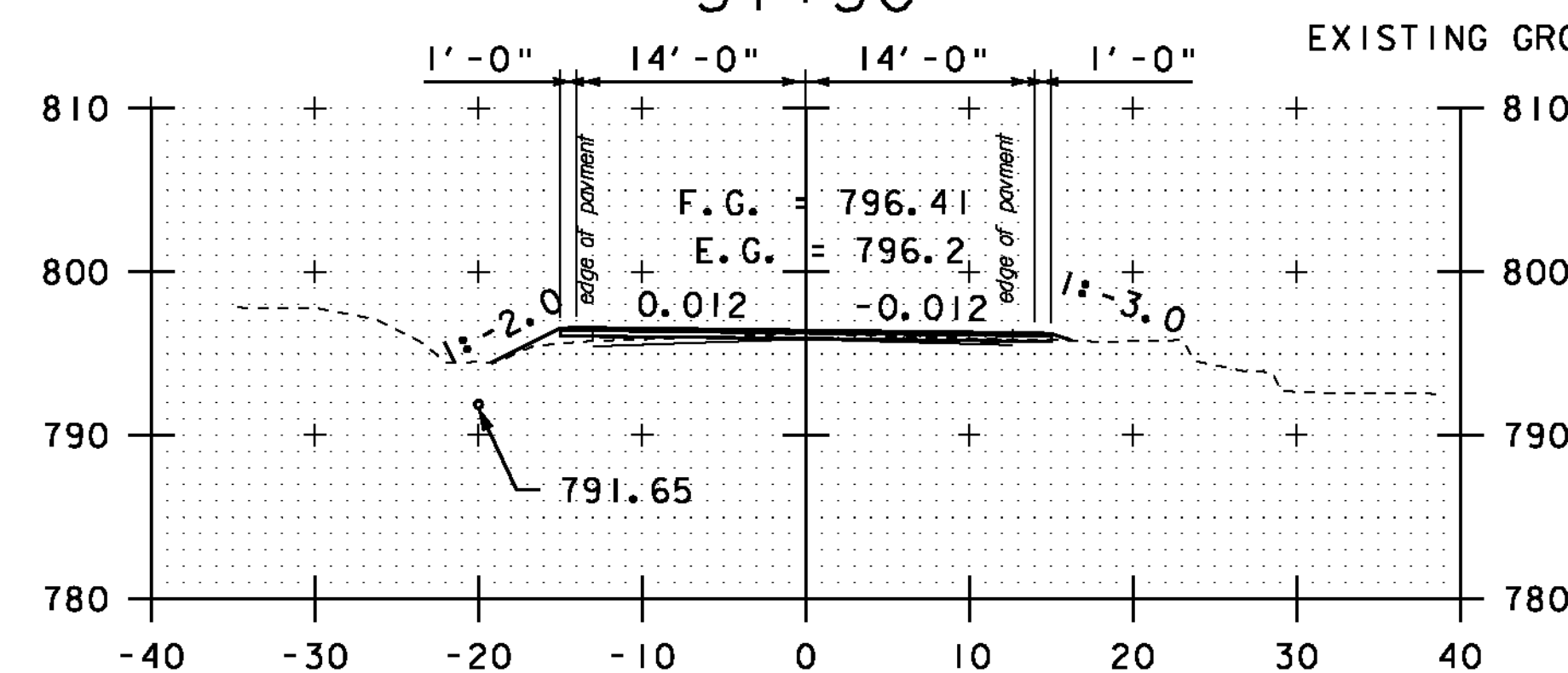
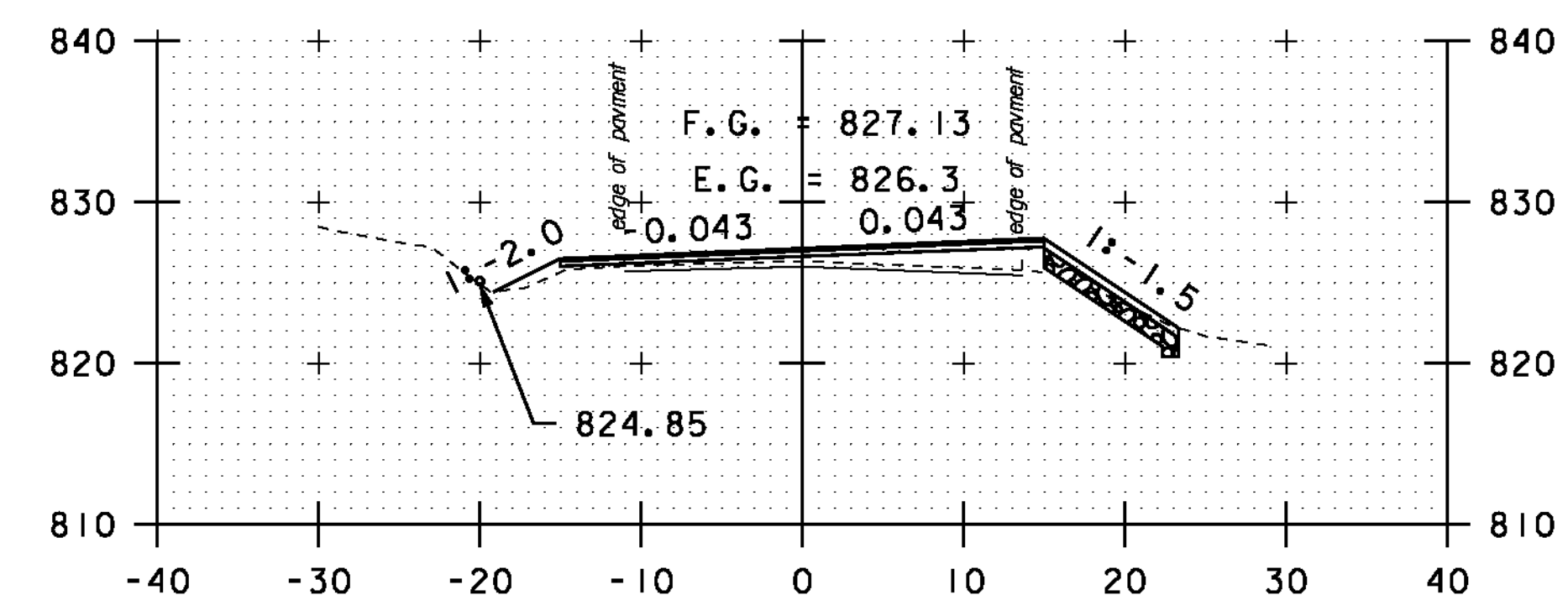
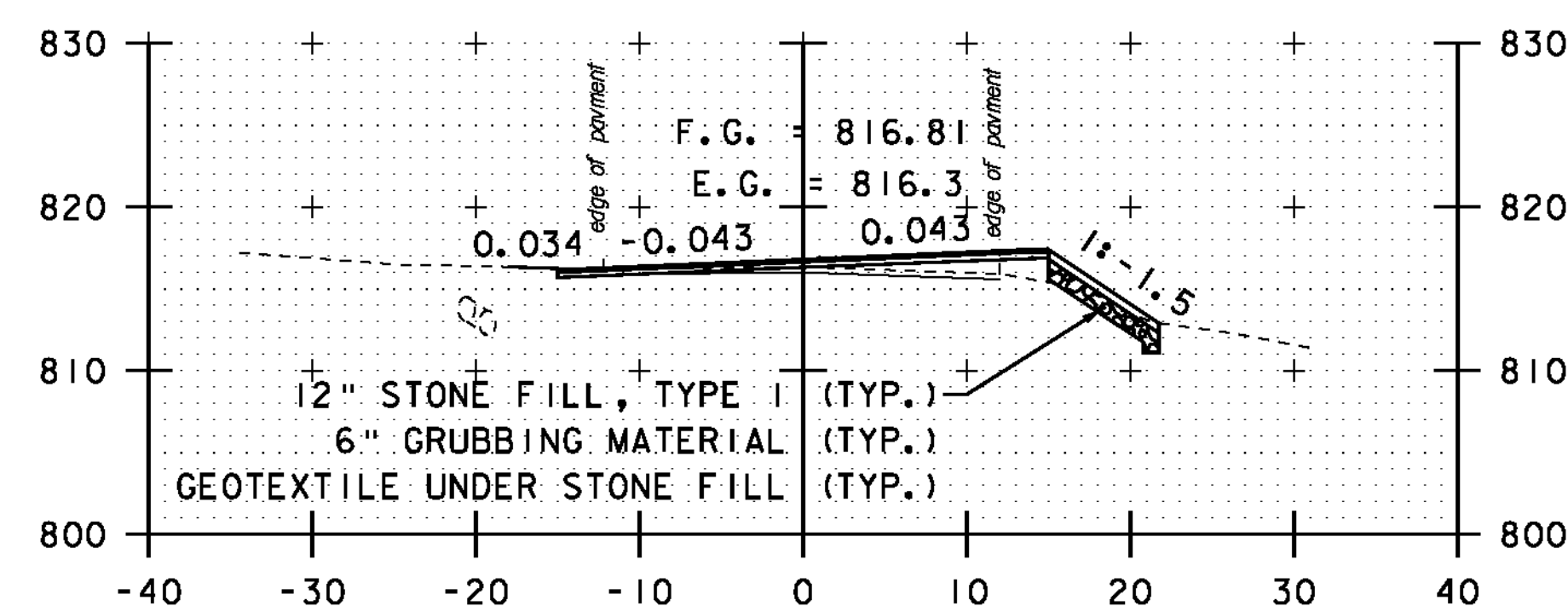
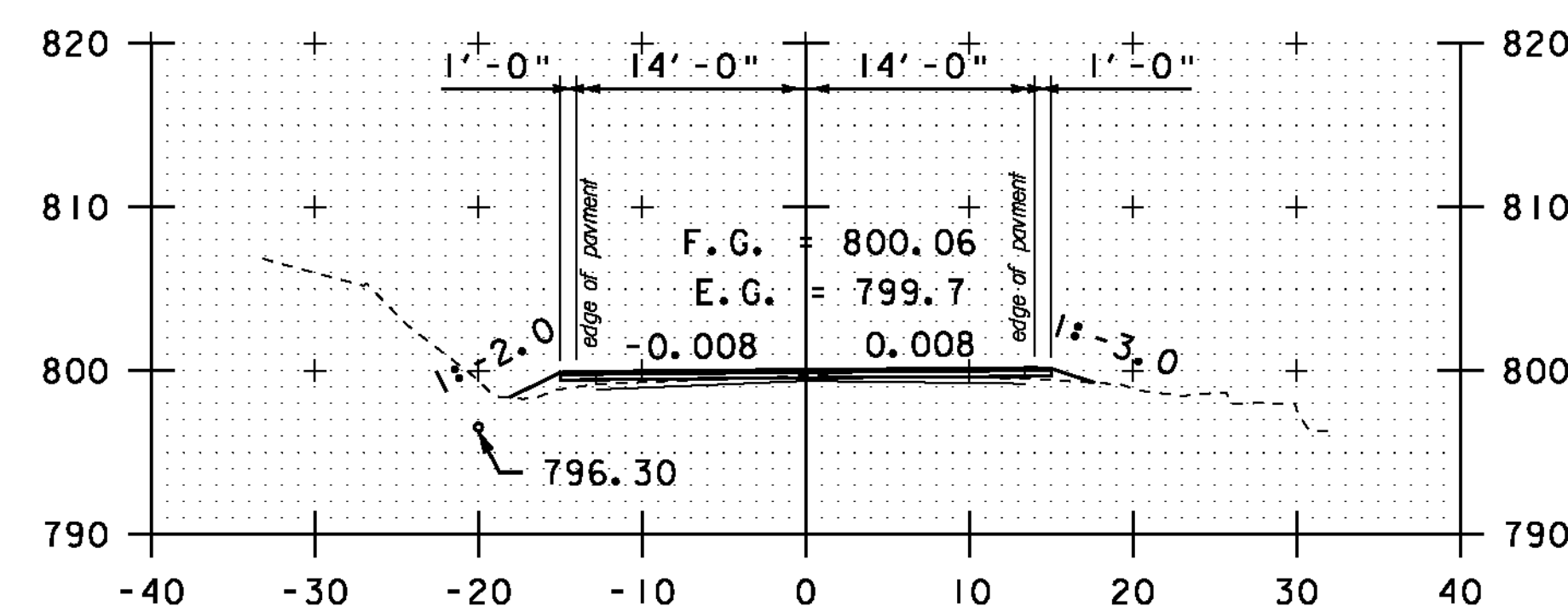
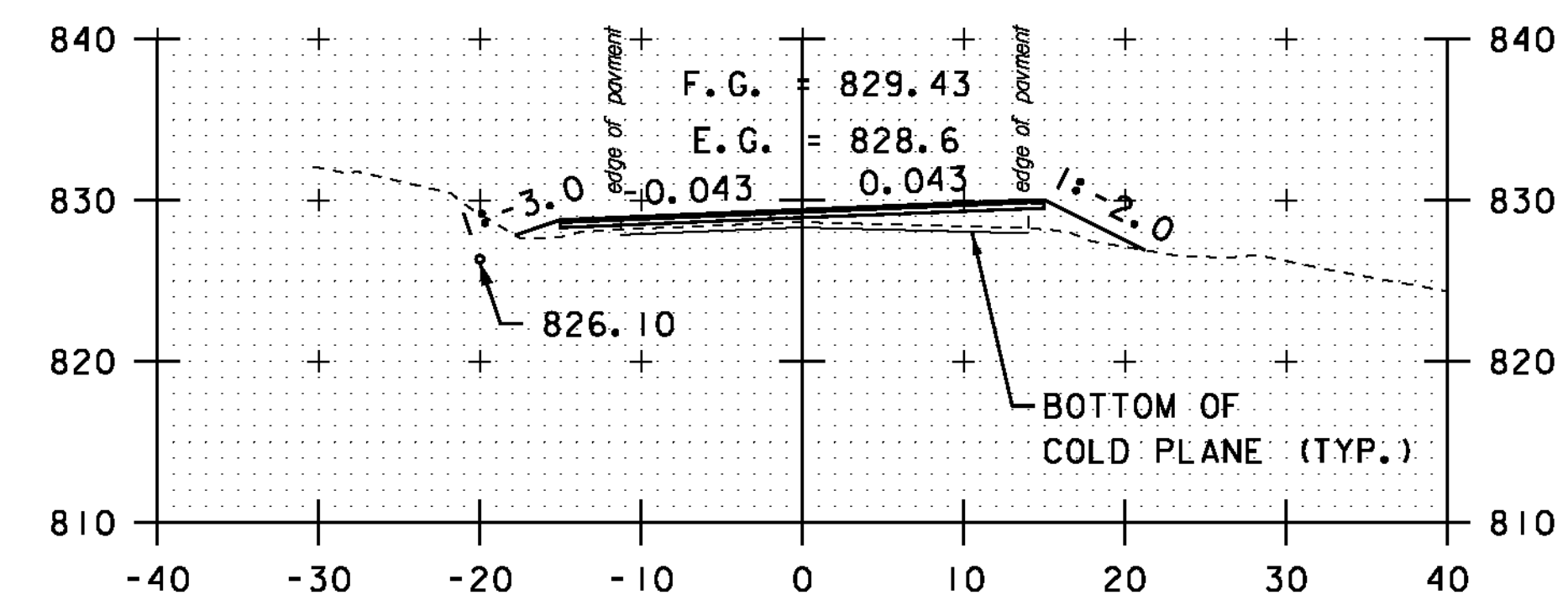
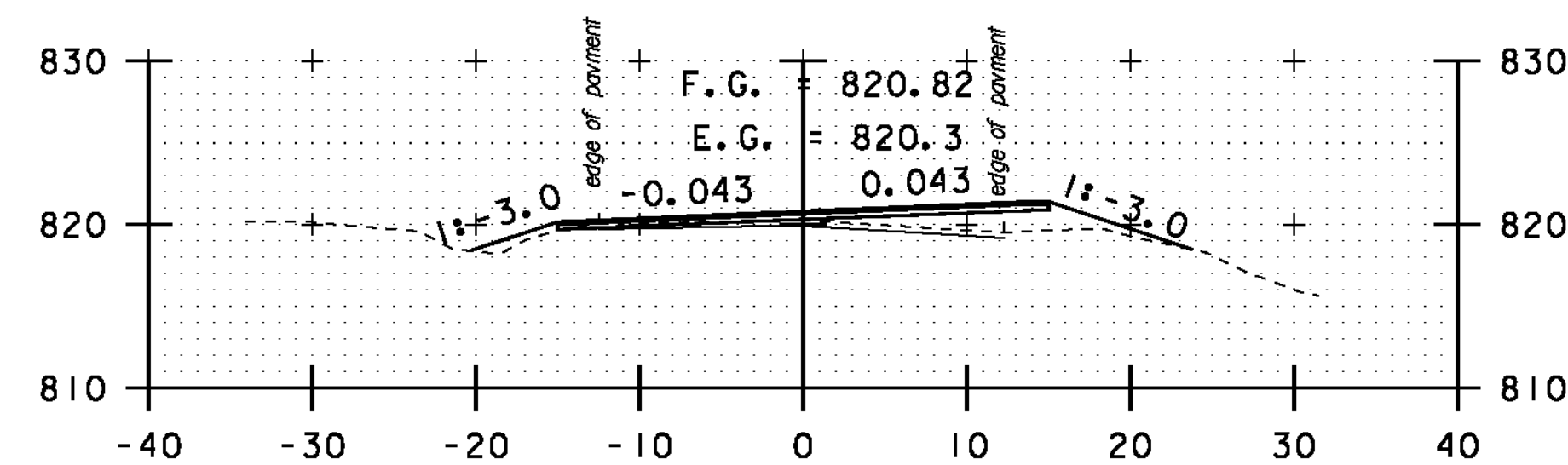
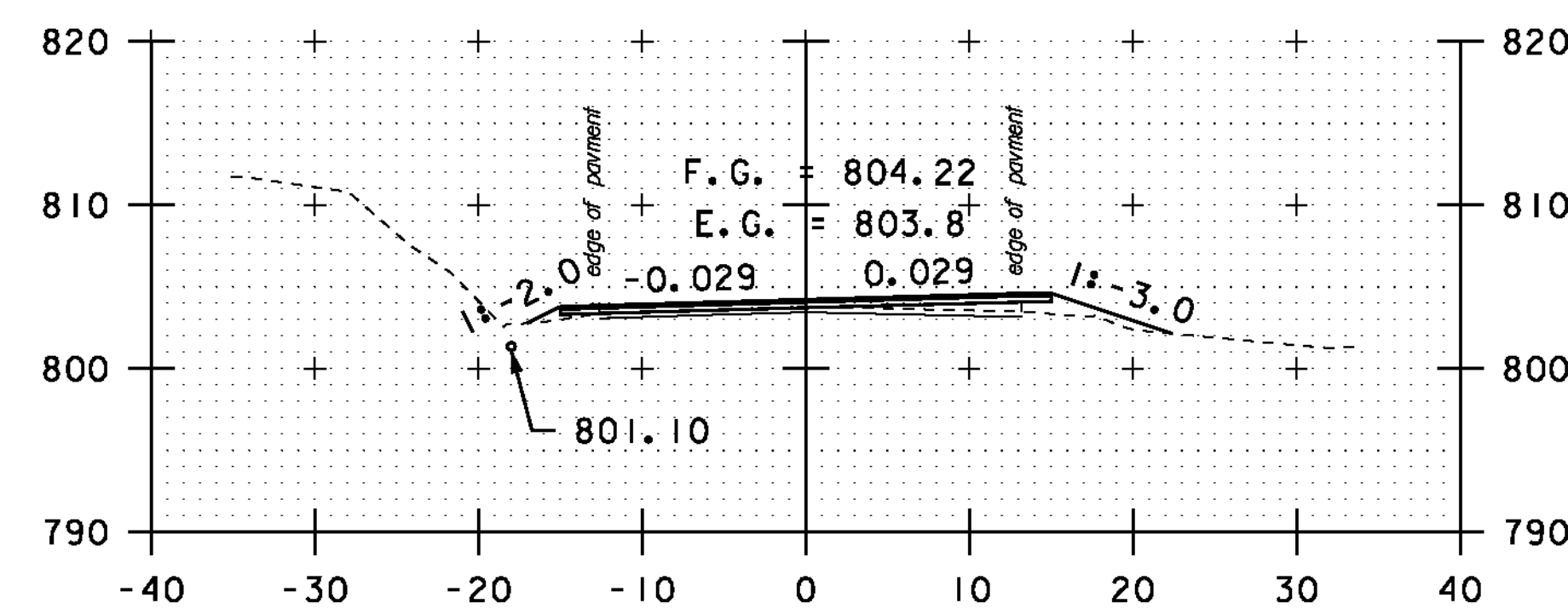
54+50

STA. 51+50 TO STA. 56+00

SCALE 1" = 10'-0"

**CROSS
SECTION
SHEET 11**

PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(1)
FILE NAME: p10CI90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10CI90.i25.1
PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: CDL
SHEET 125 OF 178



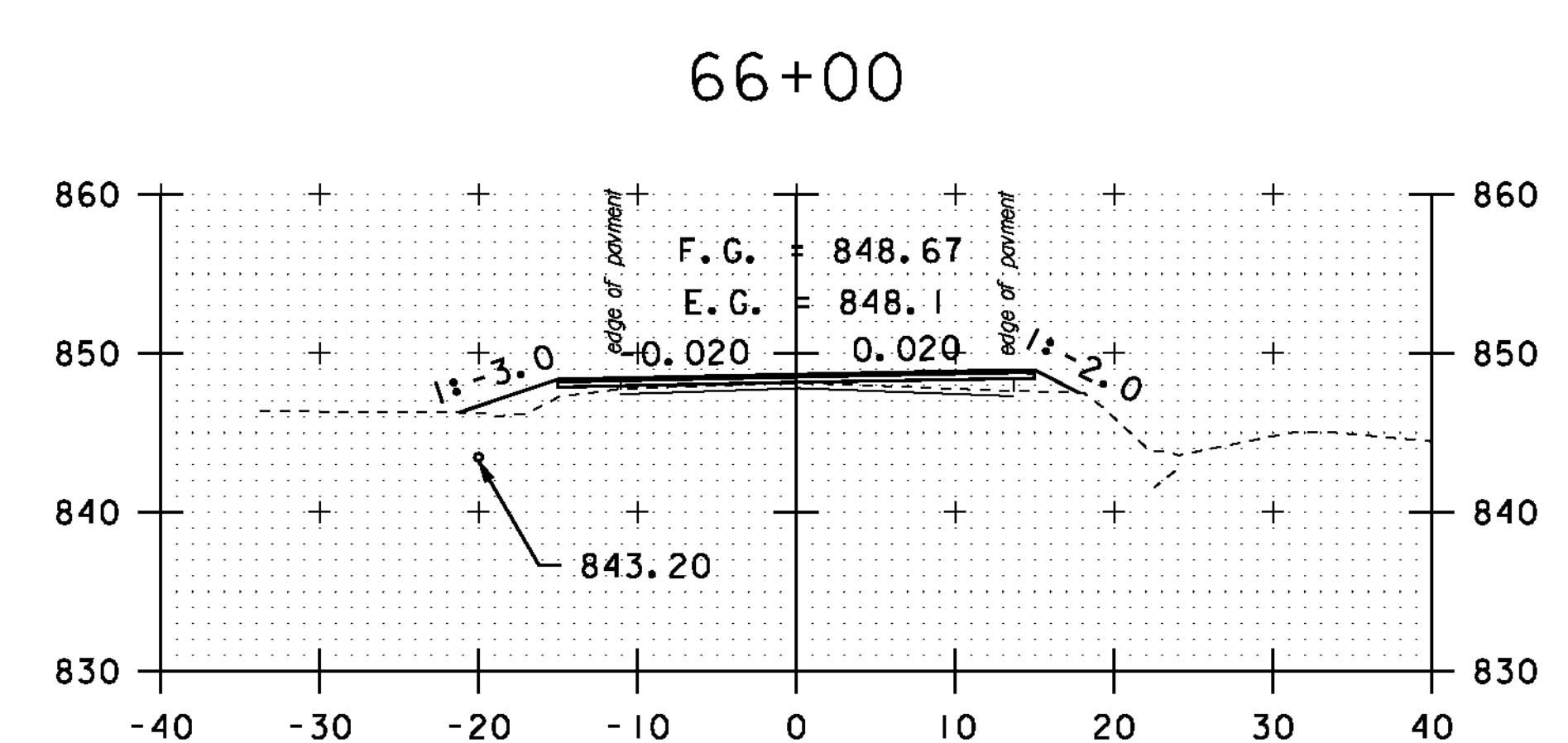
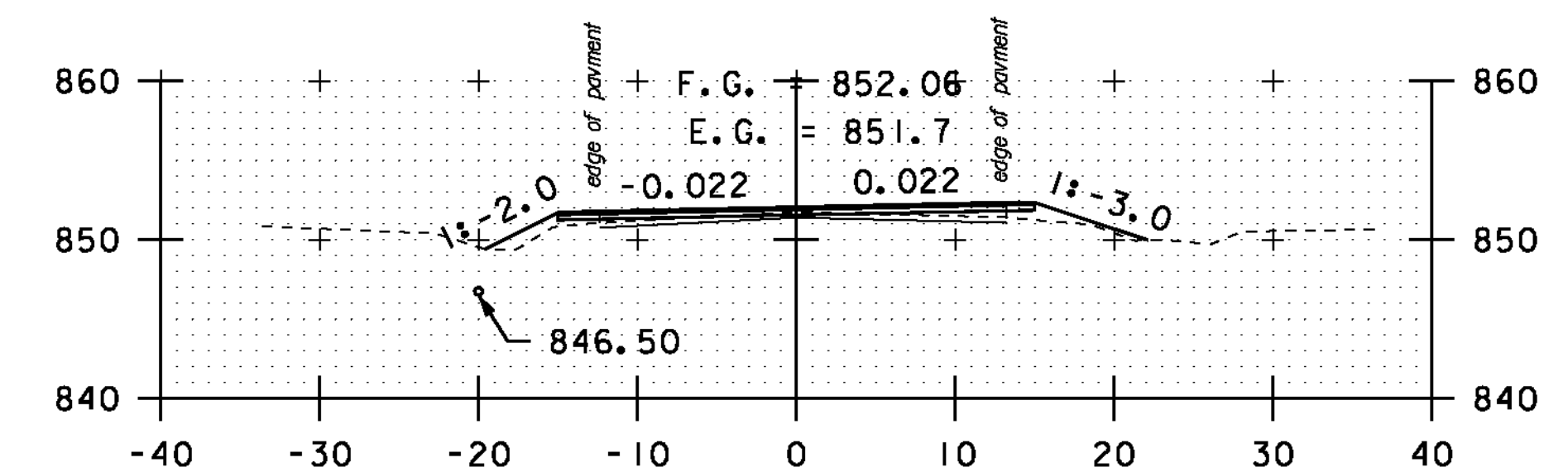
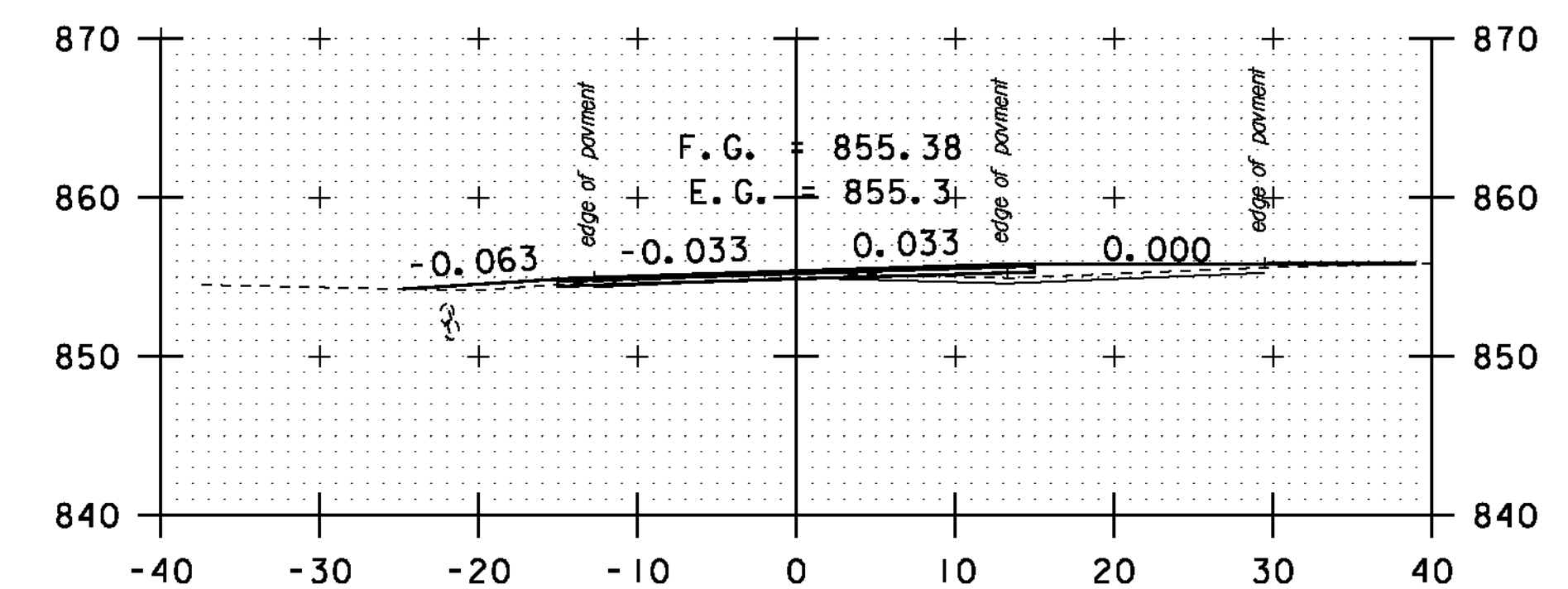
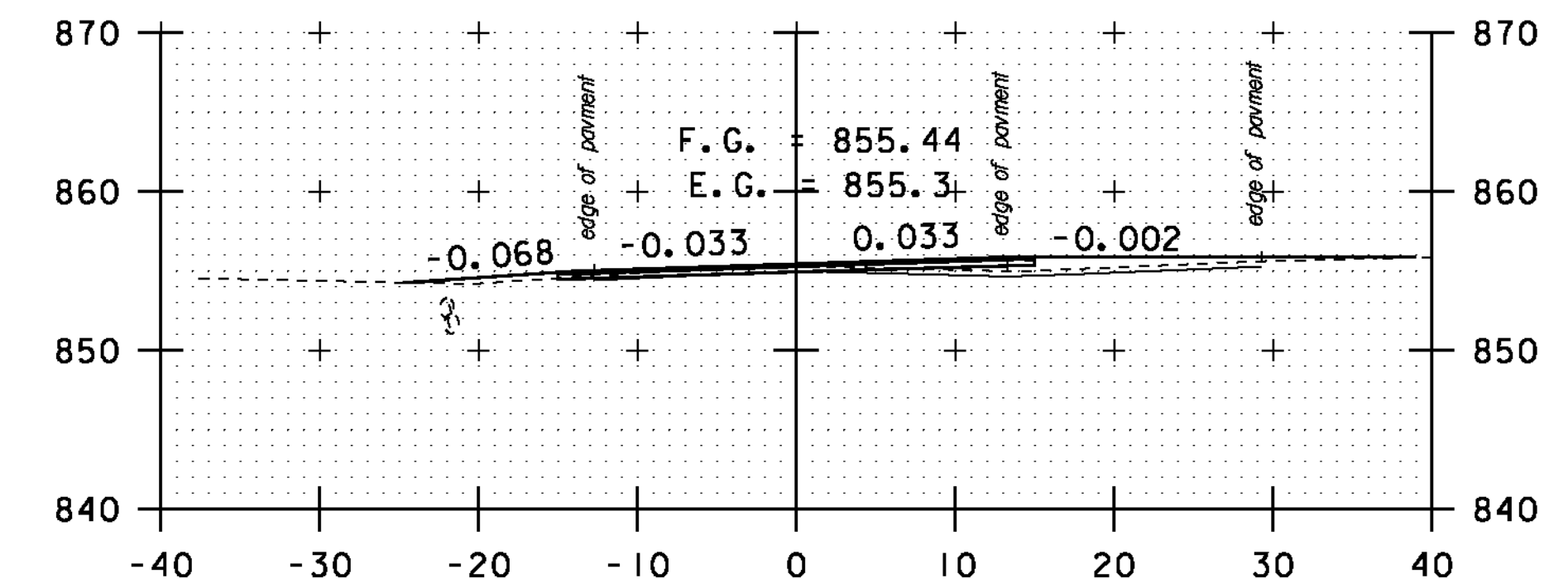
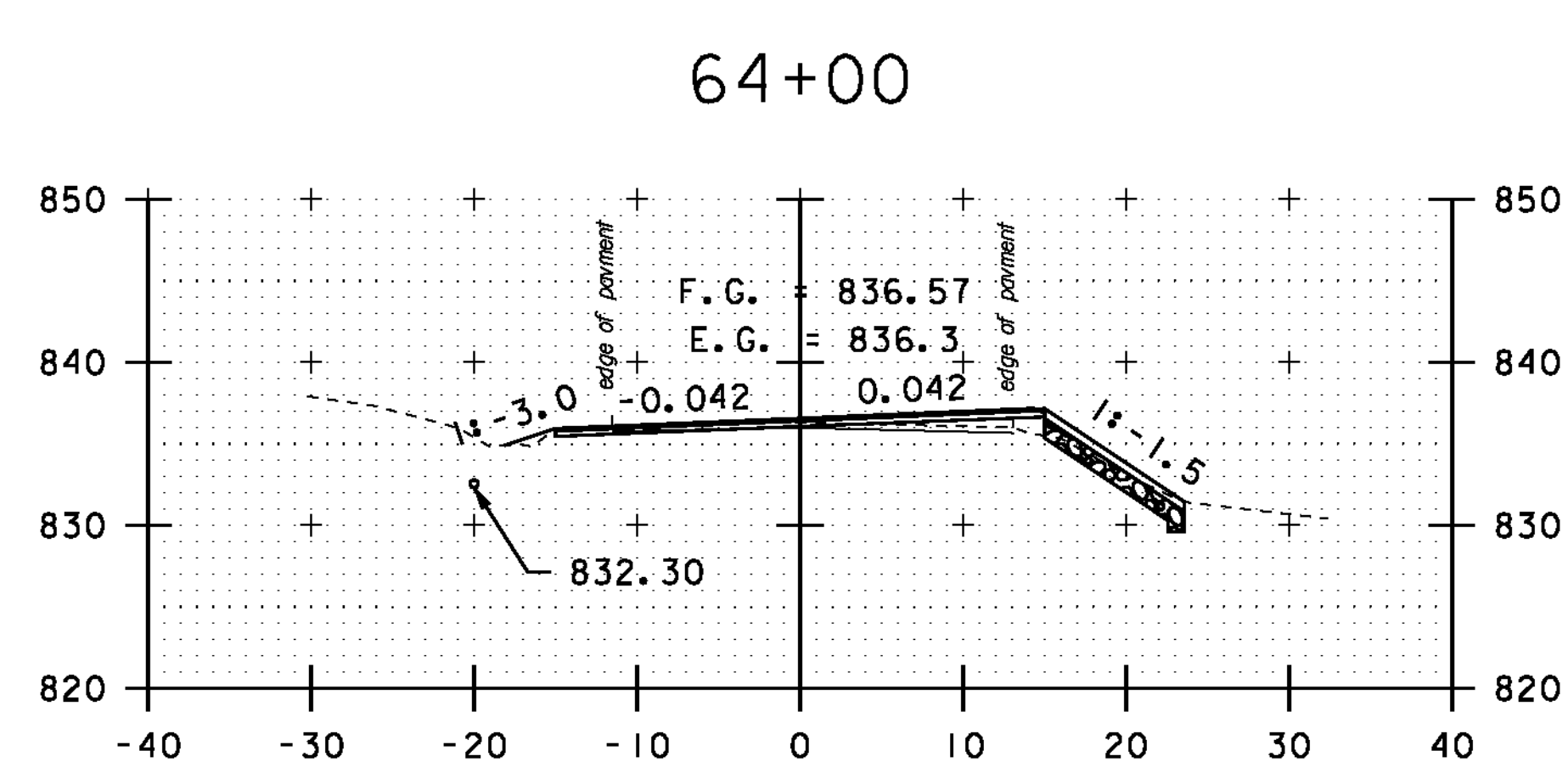
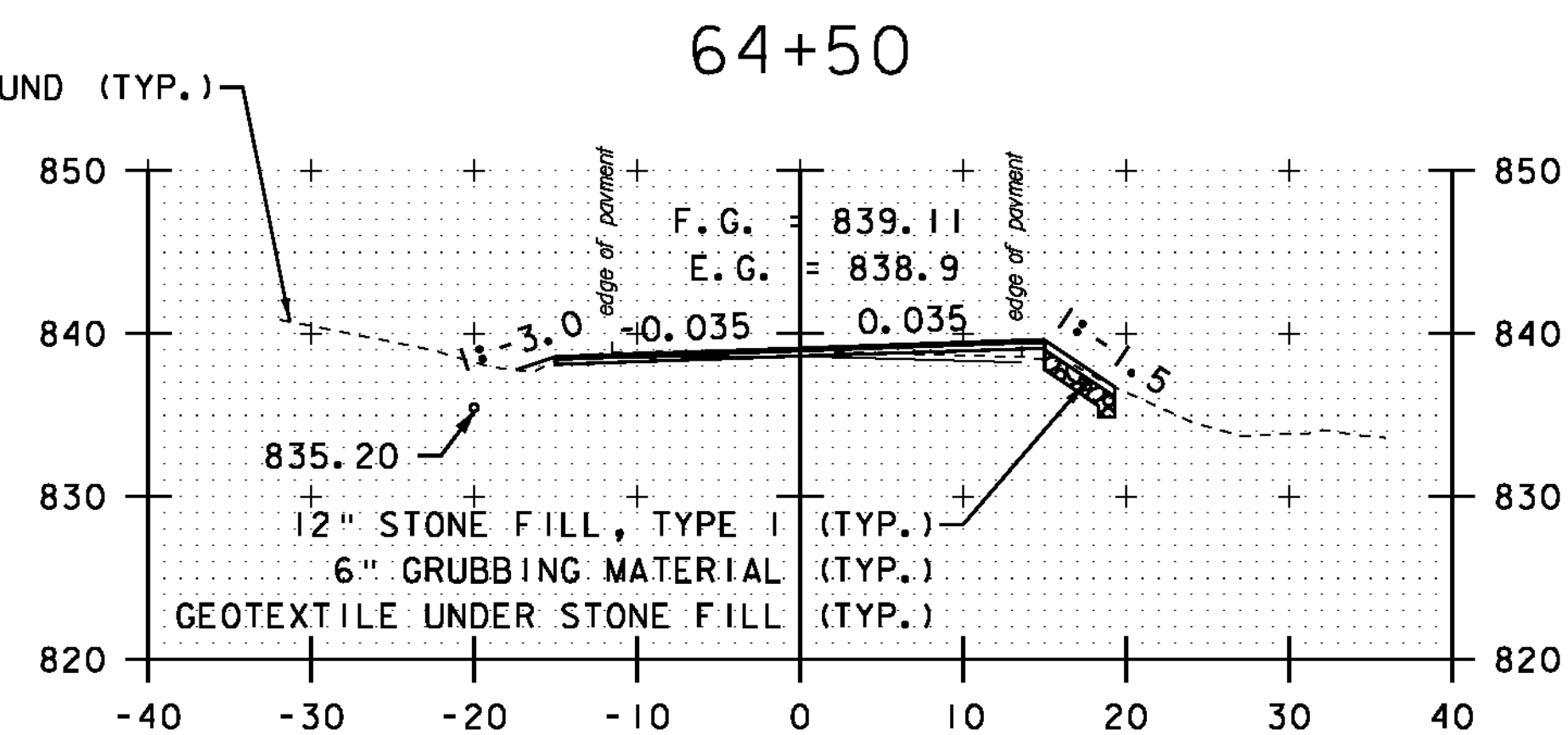
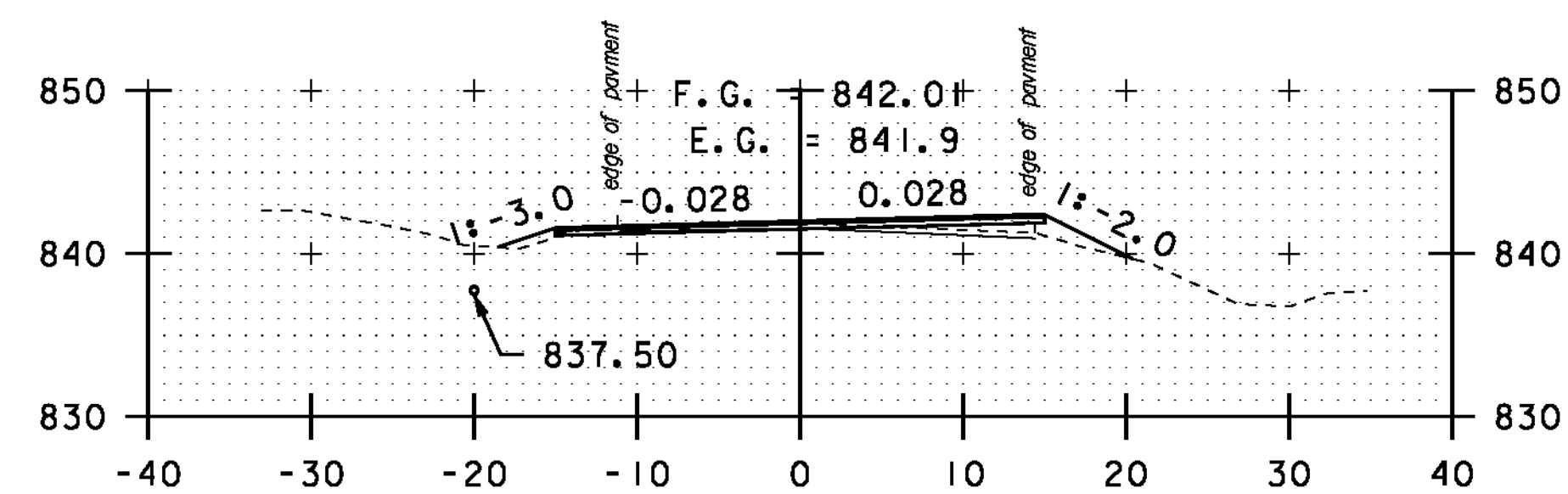
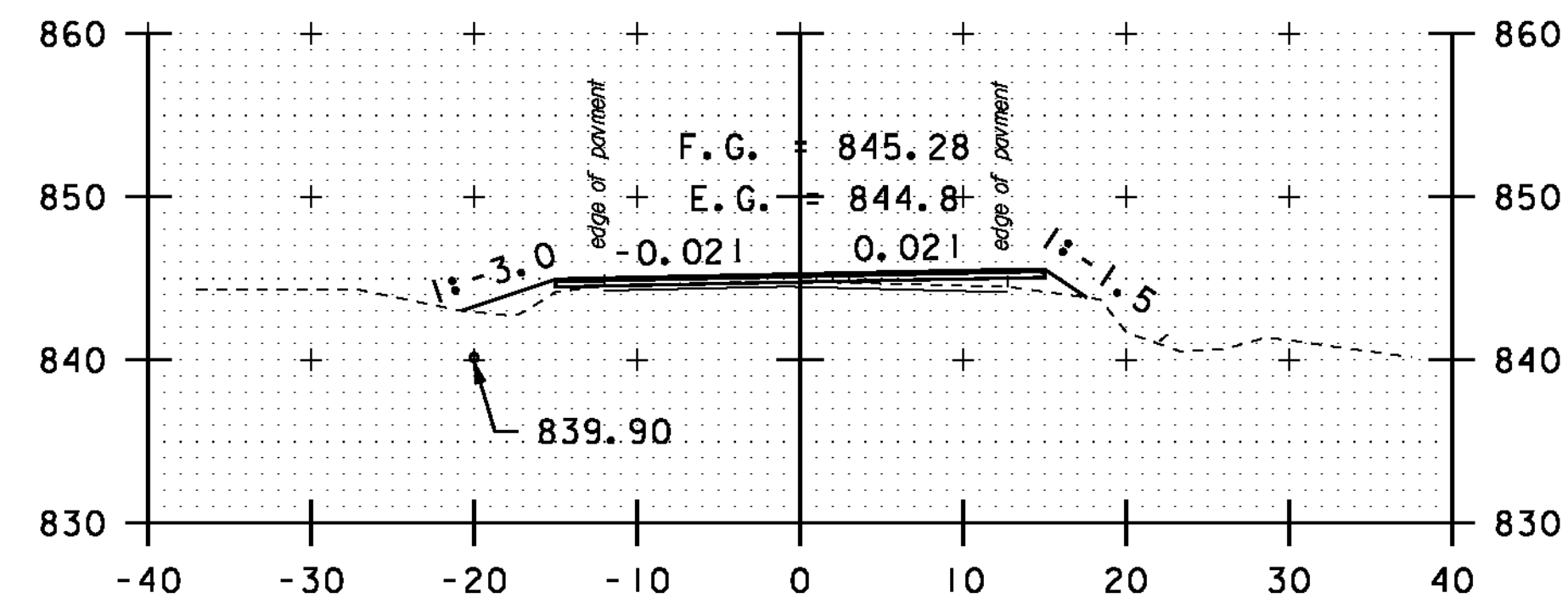
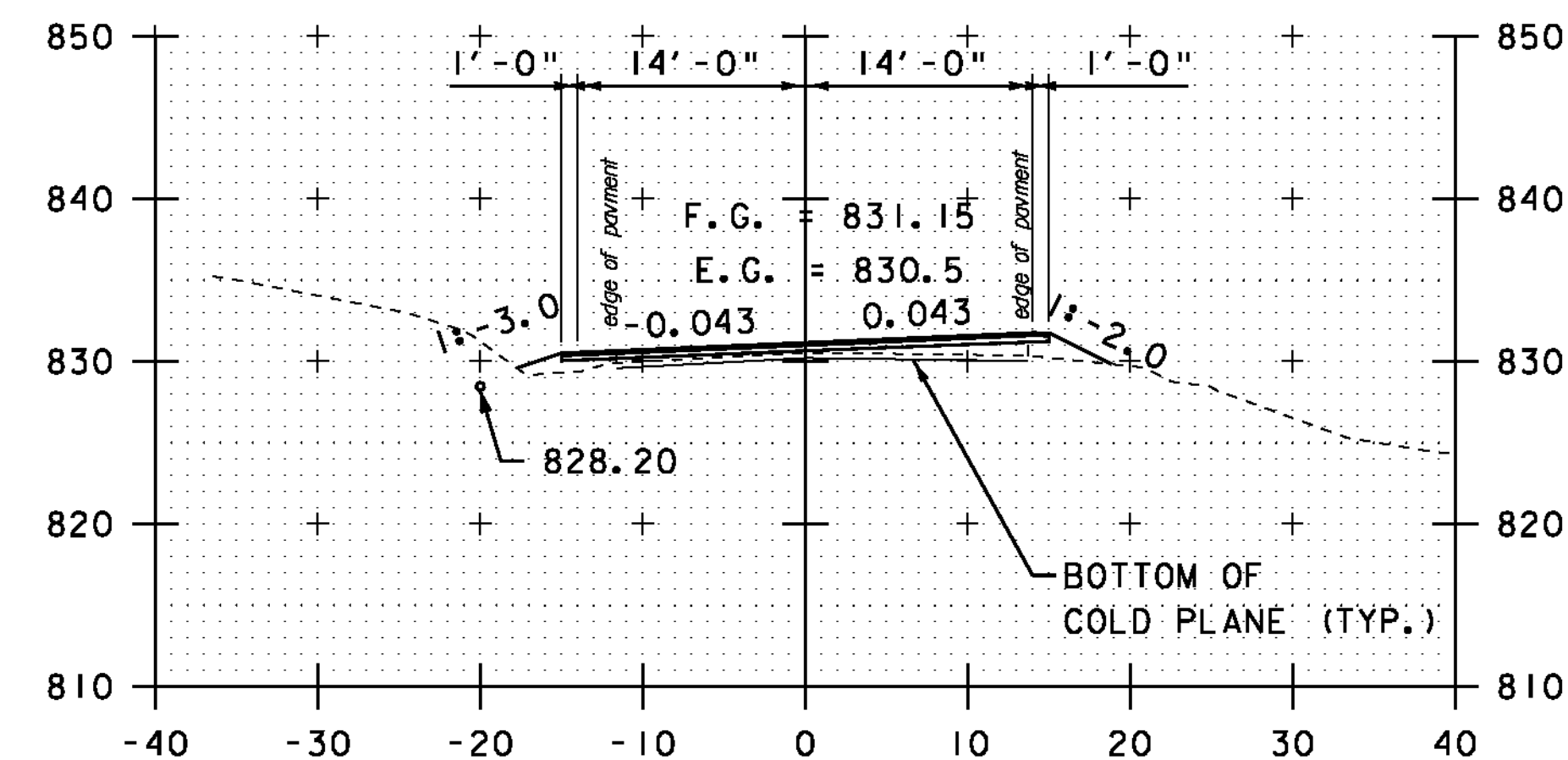
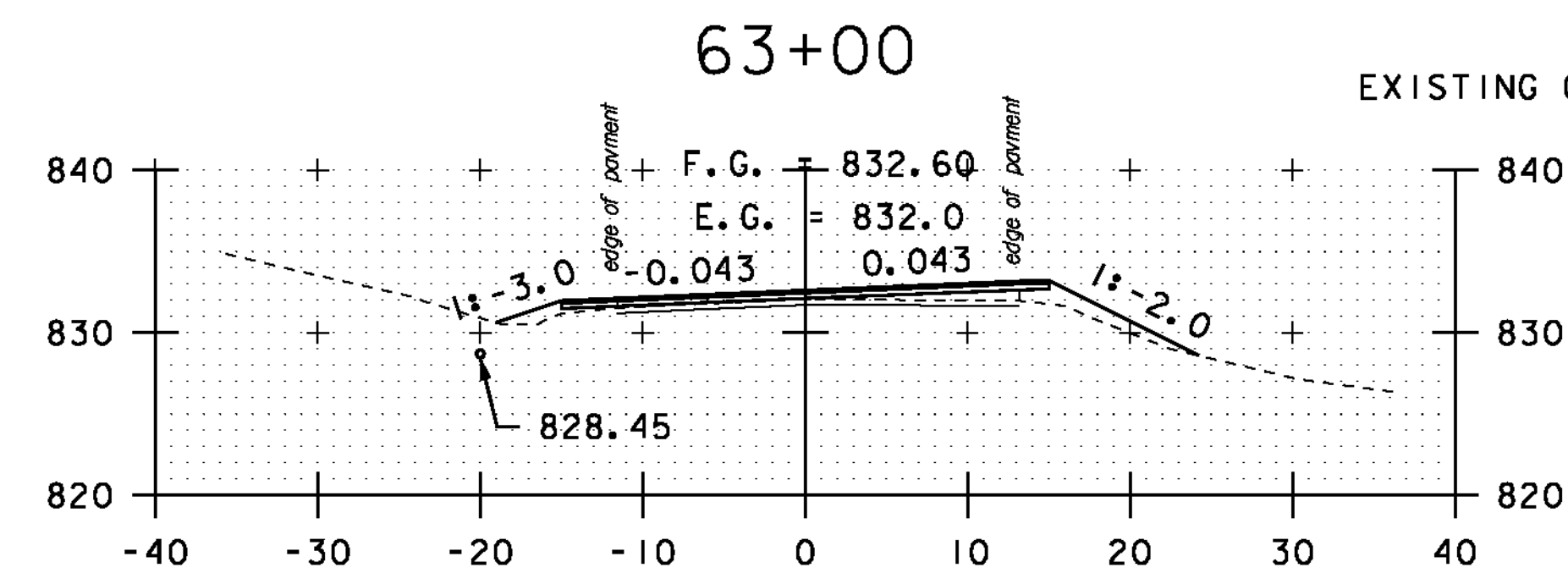
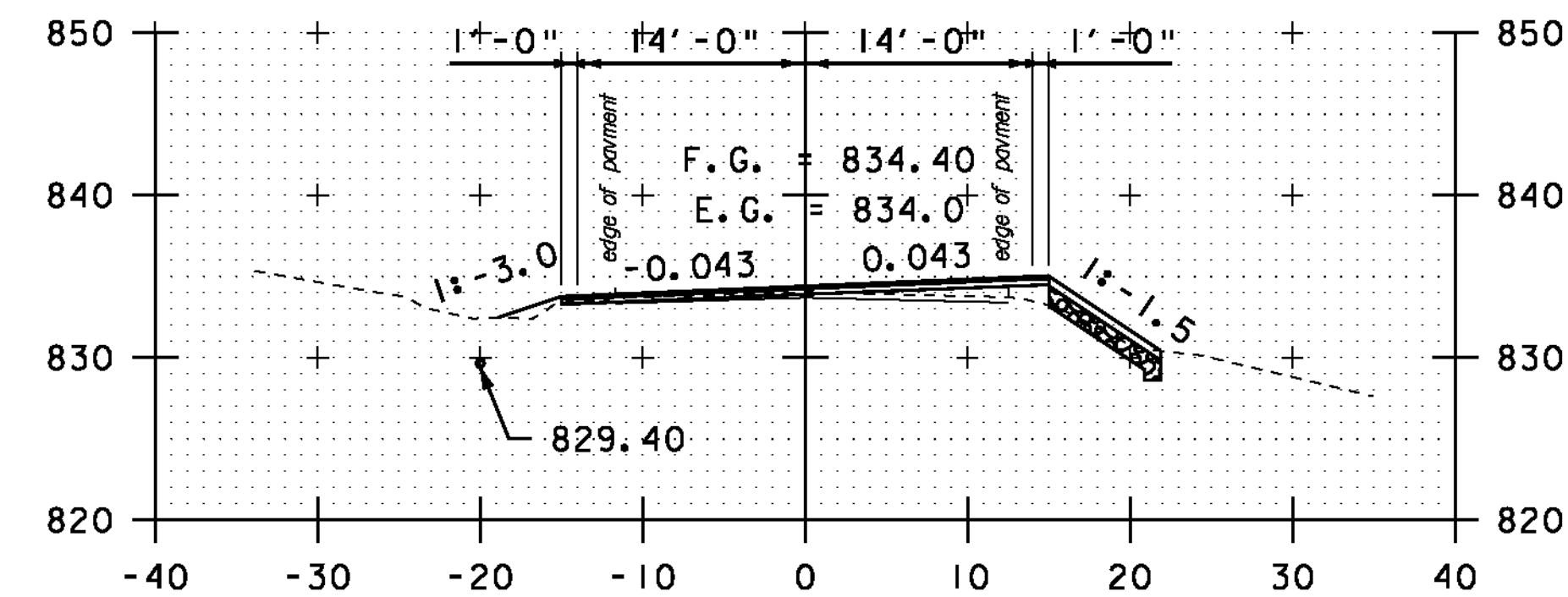
TH #65 LT
60+35

STA. 56+50 TO STA. 61+50

SCALE 1" = 10'-0"

**CROSS
SECTION
SHEET 12**

PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(1)
FILE NAME: p10CI90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10CI90.i26.1
PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: CDL
SHEET 126 OF 178

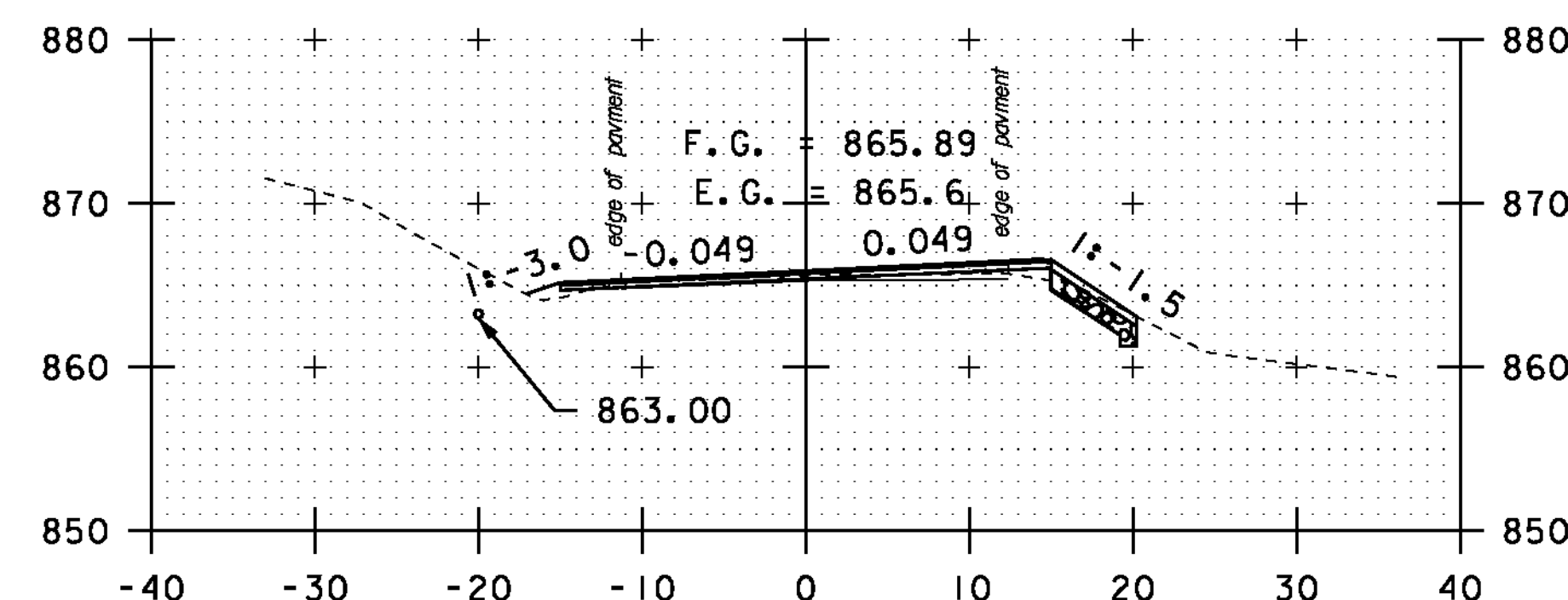


STA. 62+00 TO STA. 66+51

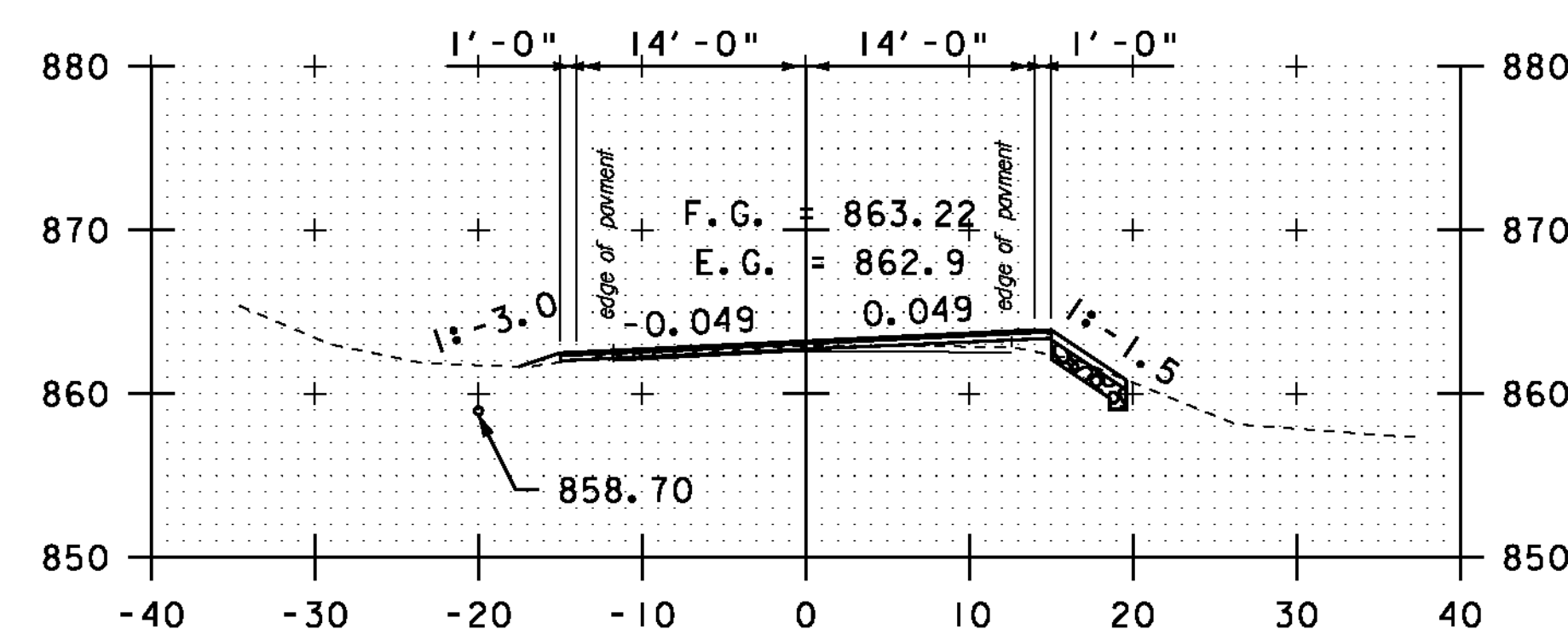
SCALE 1" = 10'-0"

**CROSS
SECTION
SHEET 13**

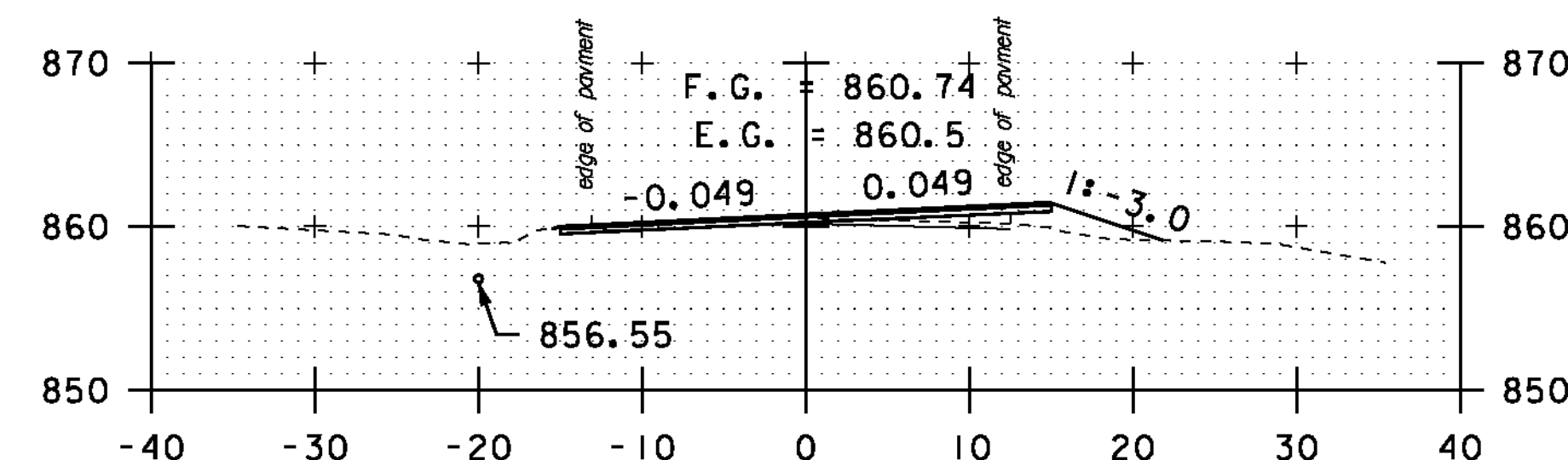
PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(1)
FILE NAME: p10CI90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10CI90.i27.1
PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: CDL
SHEET 127 OF 178



68+50

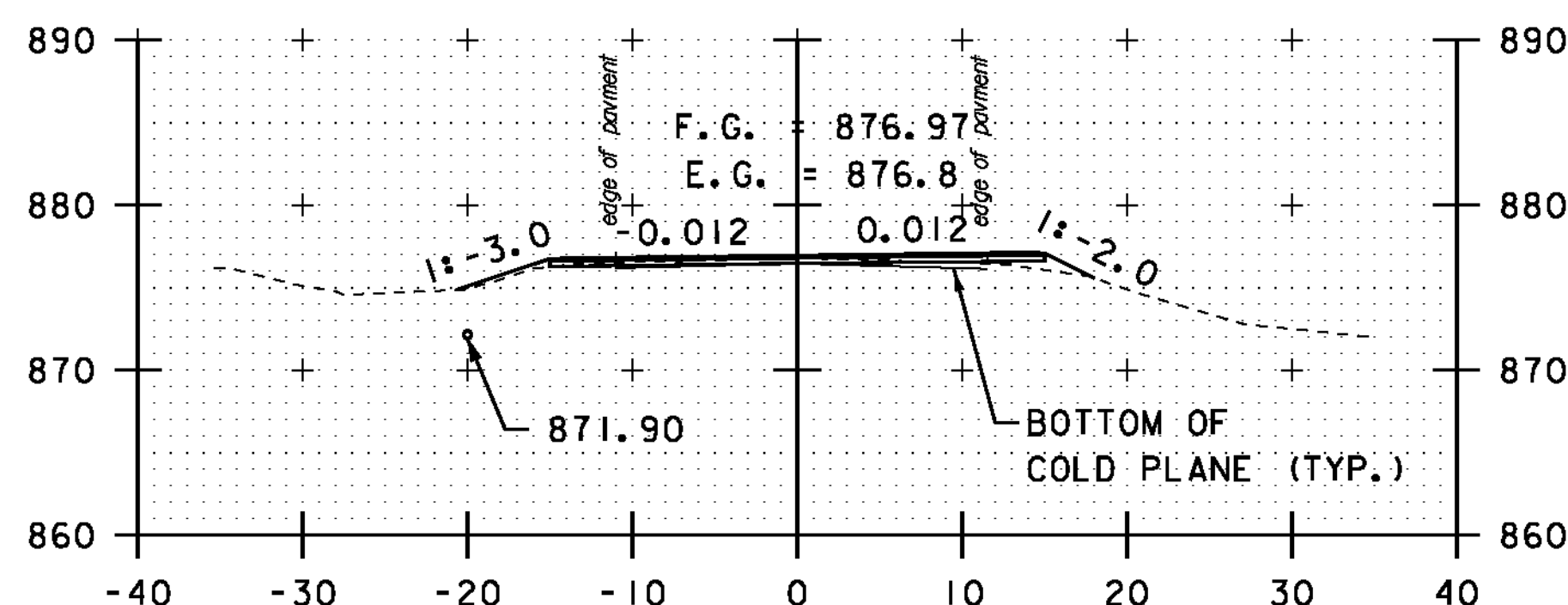


68+00

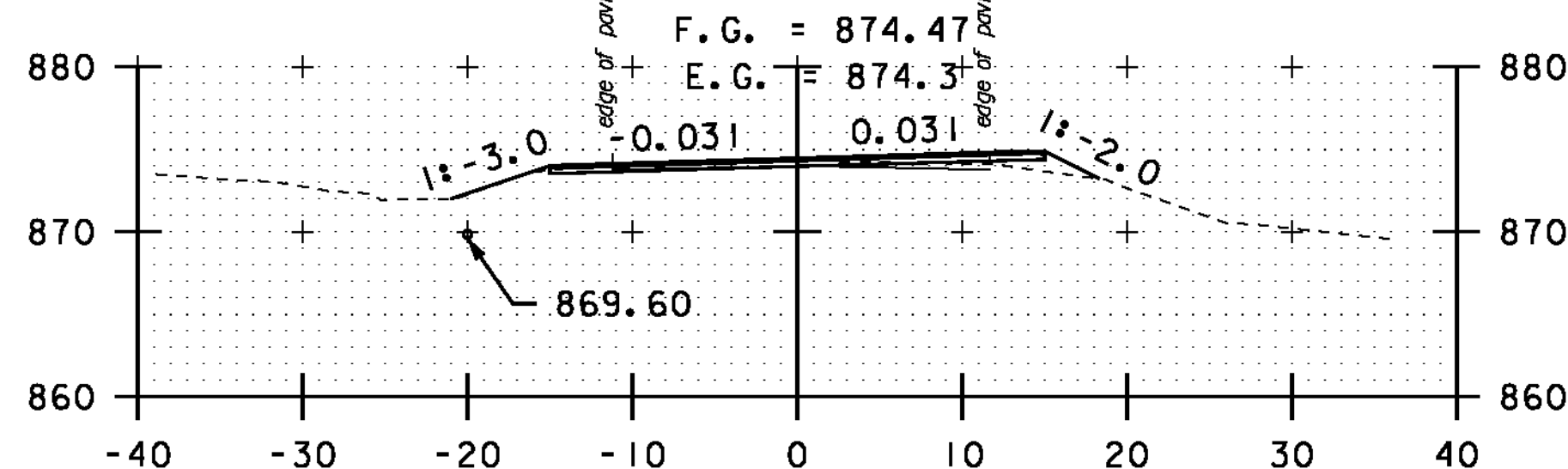


67+50

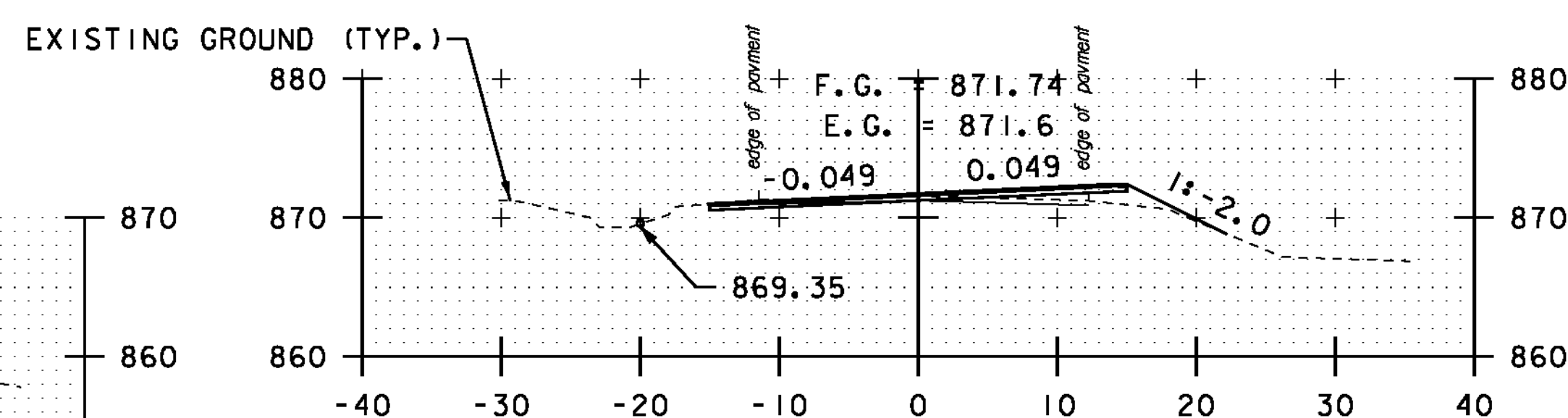
DRIVE RT
67+00



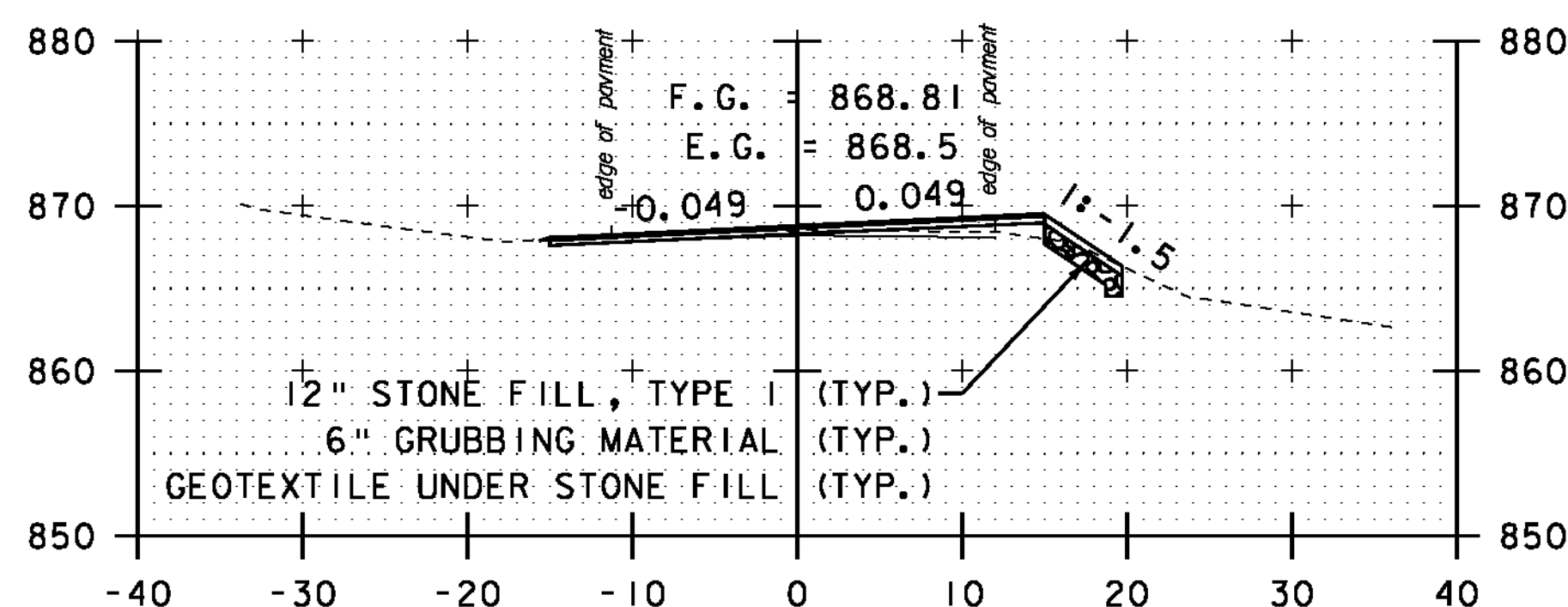
70+50



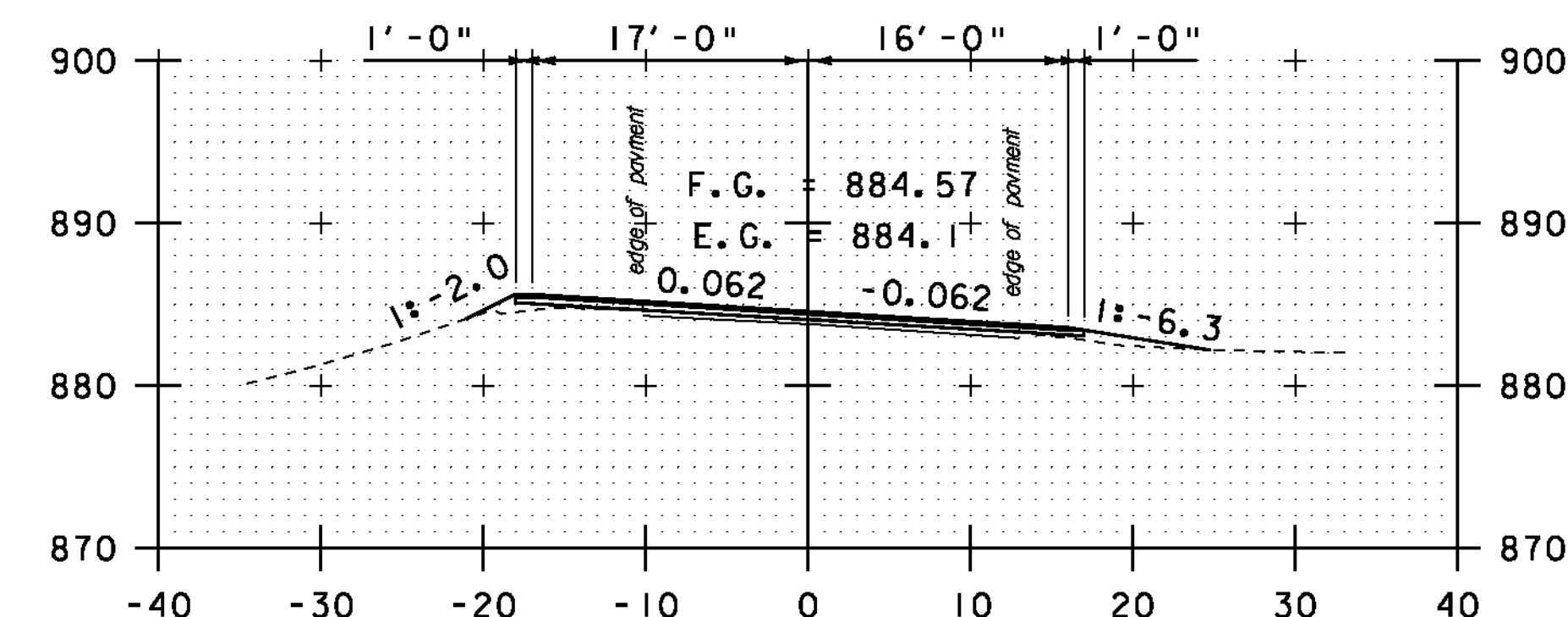
70+00



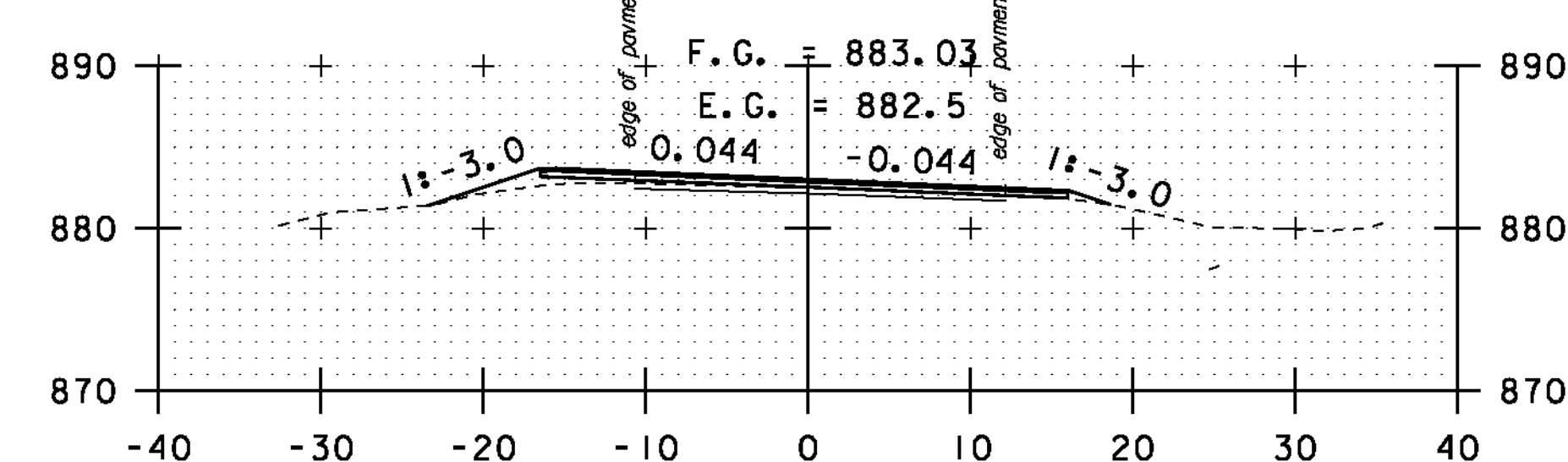
69+50



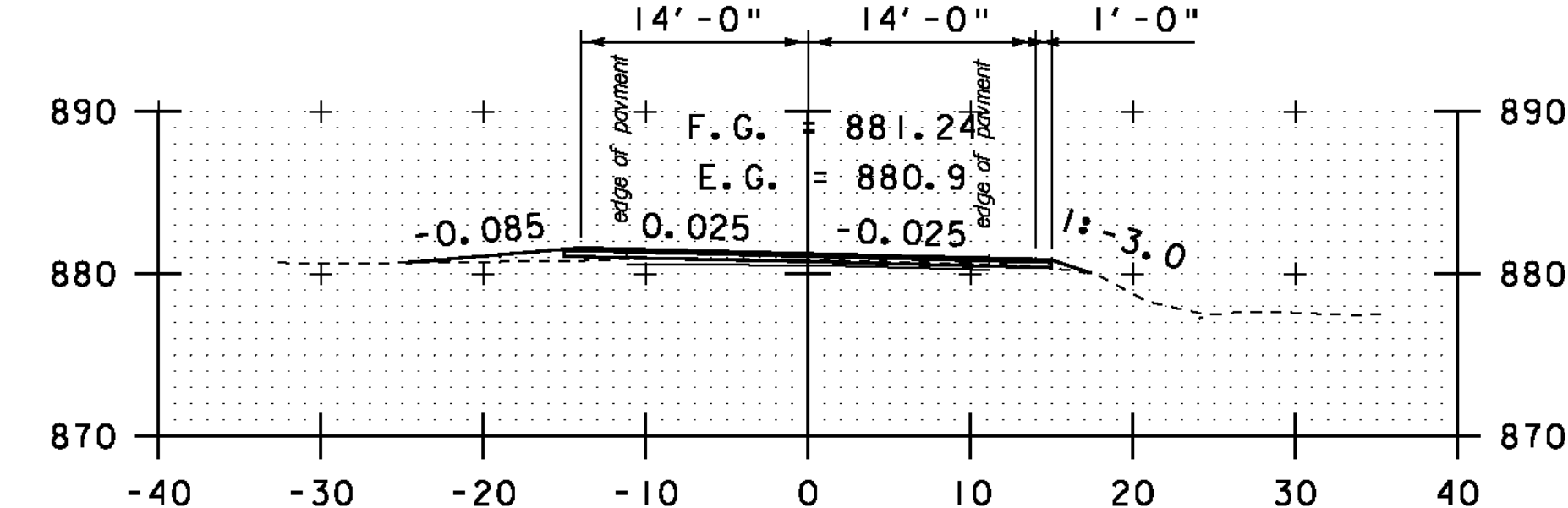
DRIVE LT
69+00



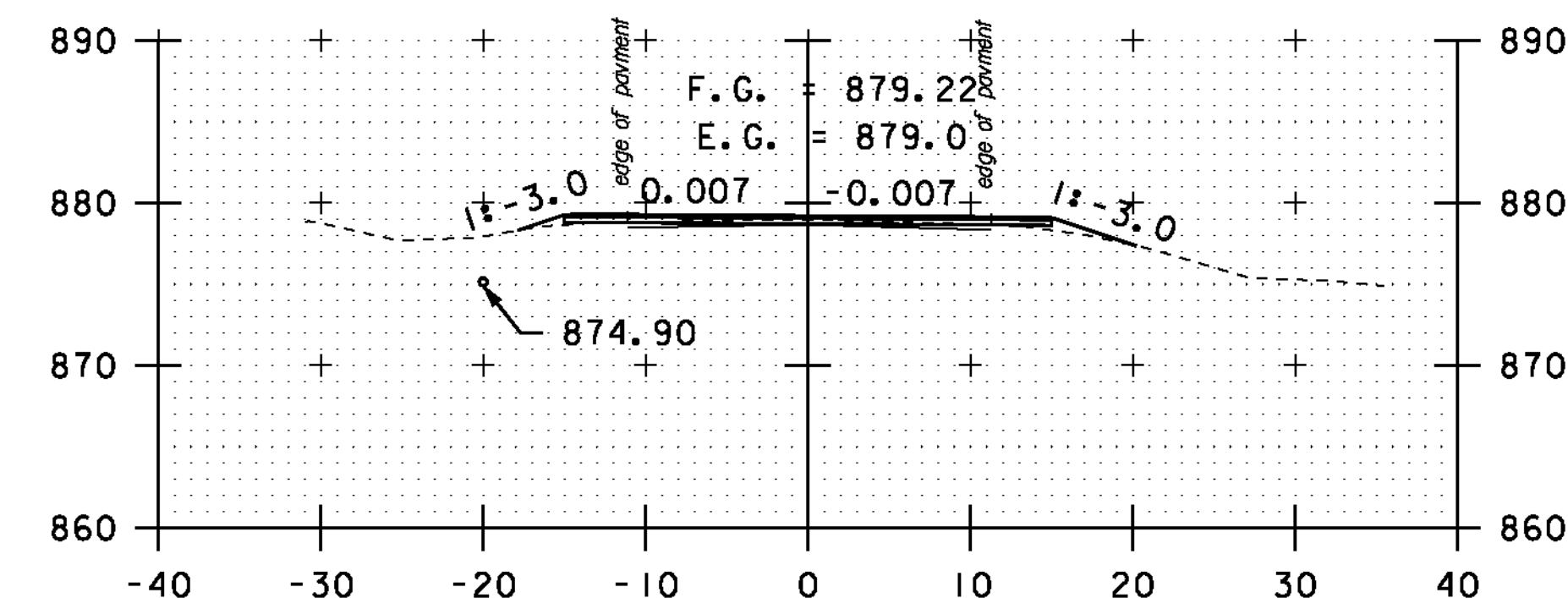
DRIVE RT
72+50



72+00



DRIVE LT
71+50



71+00

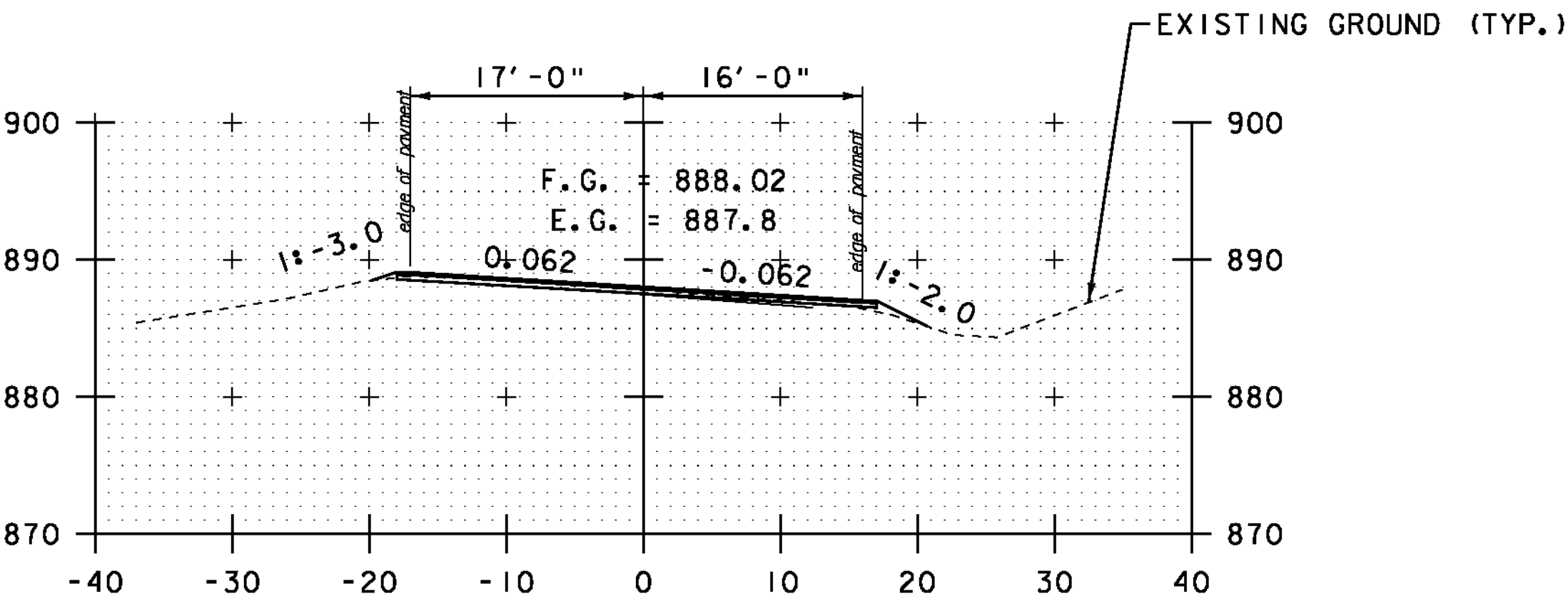
STA. 67+00 TO STA. 72+50

SCALE 1" = 10'-0"

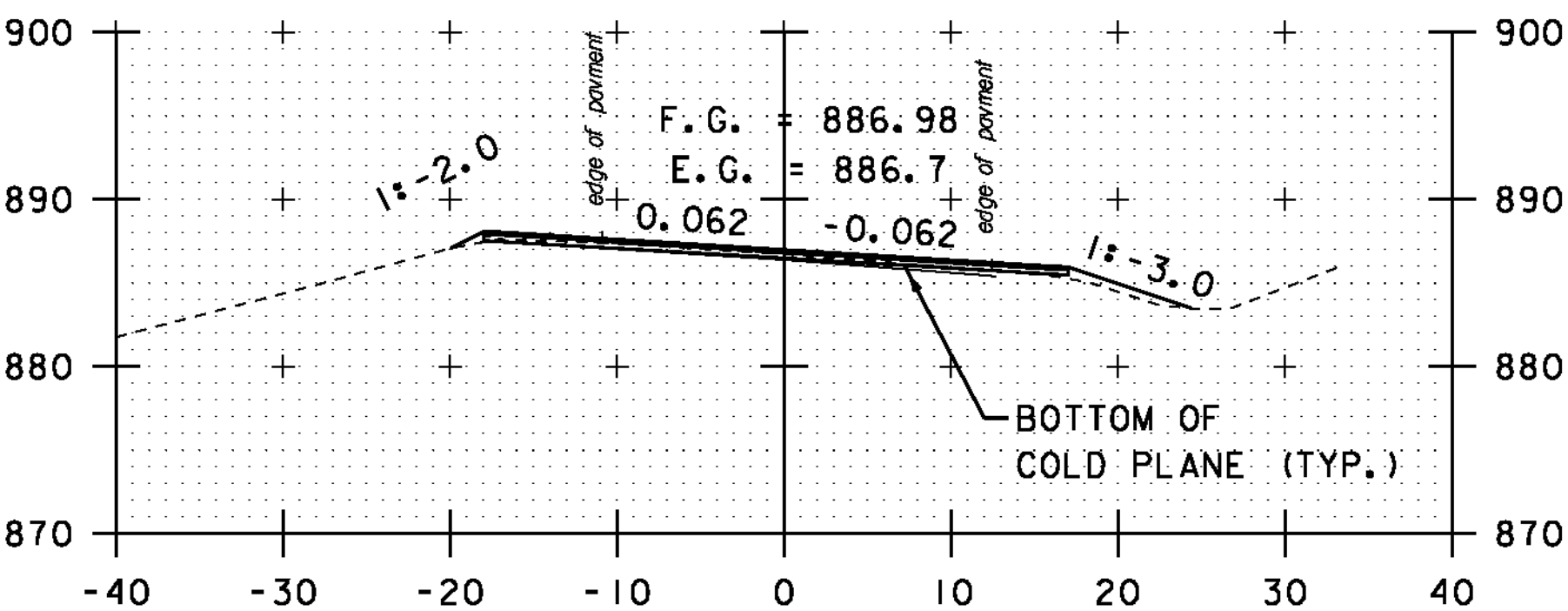
**CROSS
SECTION
SHEET 14**

PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(1)
FILE NAME: p10ci90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10ci90.i28.1
PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: CDL
SHEET 128 OF 178

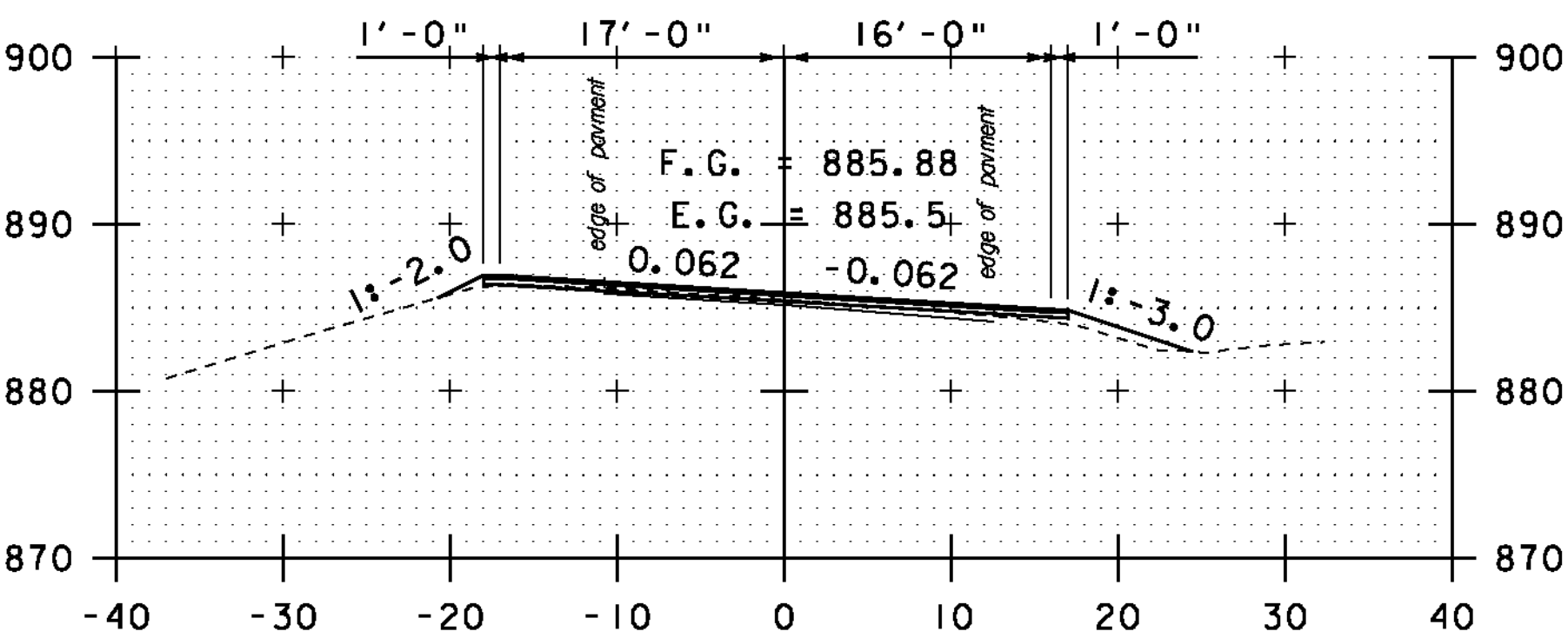
NOTE:
FROM STA. 73+92 - STA. 75+00 THE SUPERELEVATION SHALL BE
TRANSITIONED TO MATCH EXISTING CROSS SLOPES. CROSS SLOPES
SHALL BE MAINTAINED THROUGH THE LEVEL/OVERLAY SECTION.



74+00



73+50



73+00

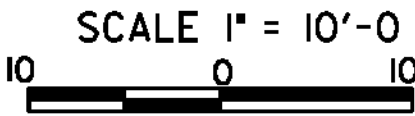
STA. 73+00 TO STA. 74+00

SCALE 1" = 10'-0"

**CROSS
SECTION
SHEET 15**

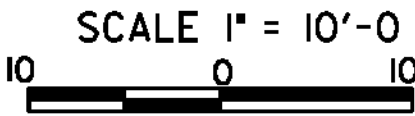
PROJECT NAME:	MONTGOMERY-WESTFIELD
PROJECT NUMBER:	STP 2906(1)
FILE NAME:	p10CI90.dgn
PROJECT LEADER:	CDL
DESIGNED BY:	SJL
PLOT FILE:	p10CI90.i29.i
PLOT DATE:	9/5/12
DRAWN BY:	SJL
CHECKED BY:	CDL
SHEET	129 OF 178

INTENTIONALLY LEFT BLANK

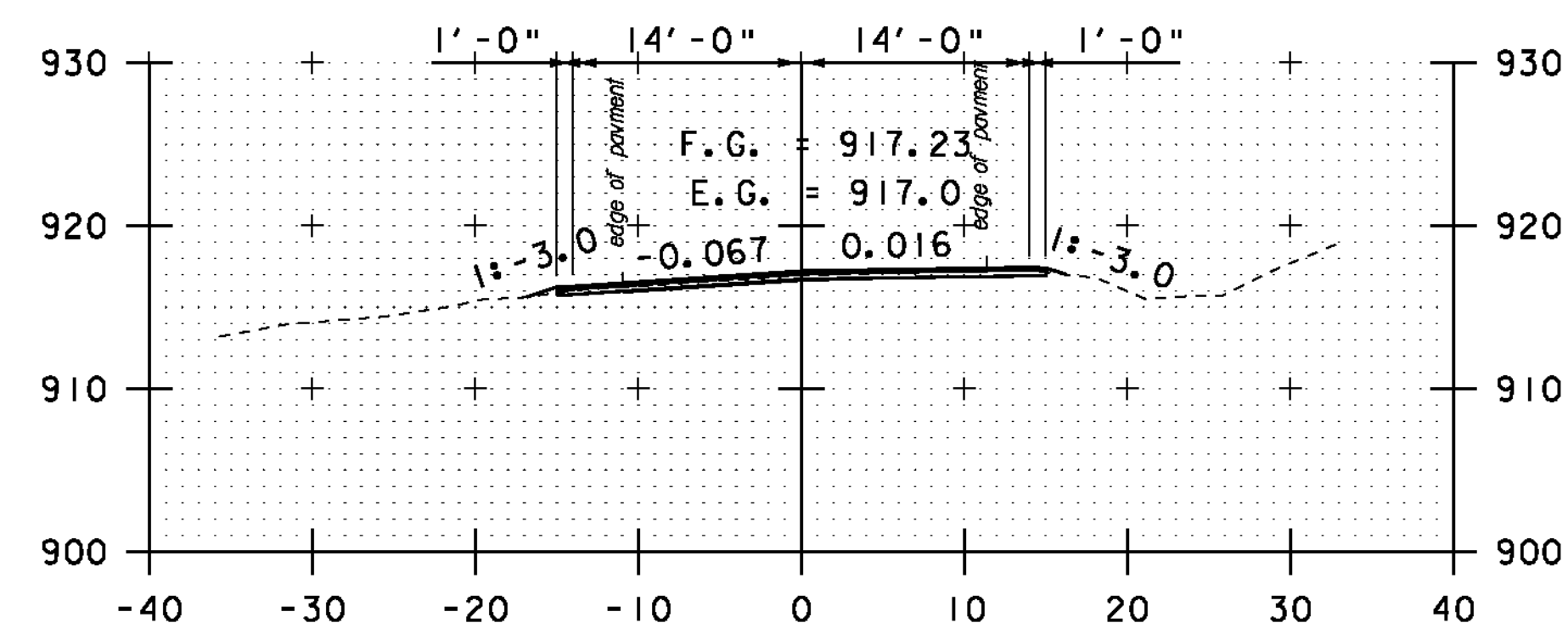


CROSS SECTION SHEET 16	PROJECT NAME: MONTGOMERY-WESTFIELD	
	PROJECT NUMBER: STP 2906(I)	
	FILE NAME: p10CI90.dgn	PLOT DATE: 9/5/12
	PROJECT LEADER: CDL	DRAWN BY: SJL
	DESIGNED BY: SJL	CHECKED BY: CDL
	PLOT FILE: p10CI90.130.1	SHEET 130 OF 178

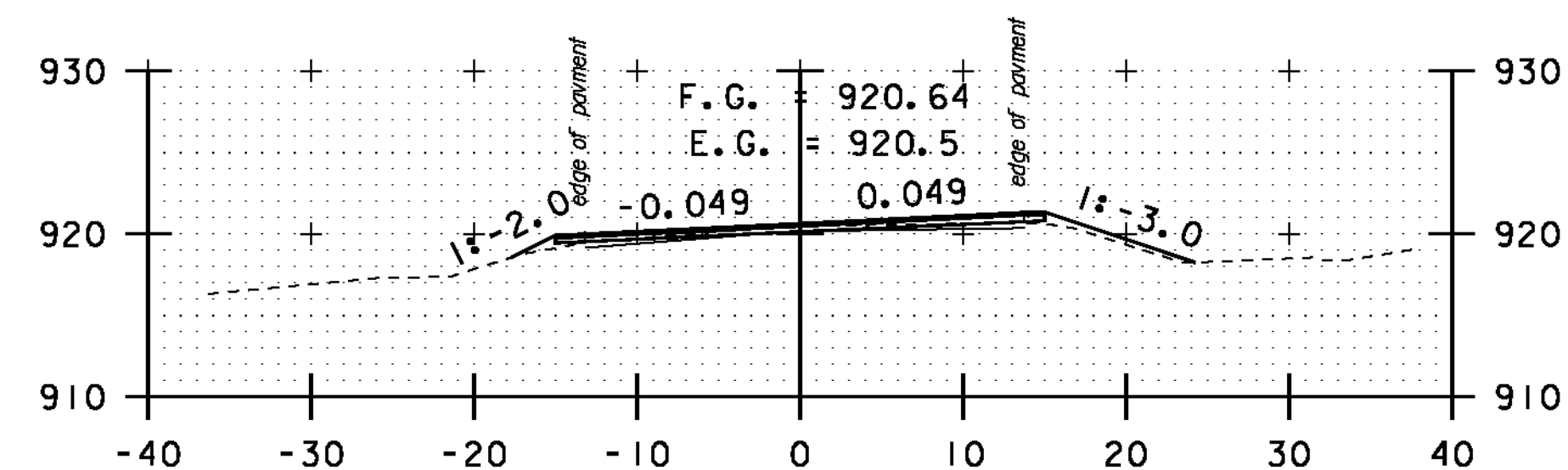
INTENTIONALLY LEFT BLANK



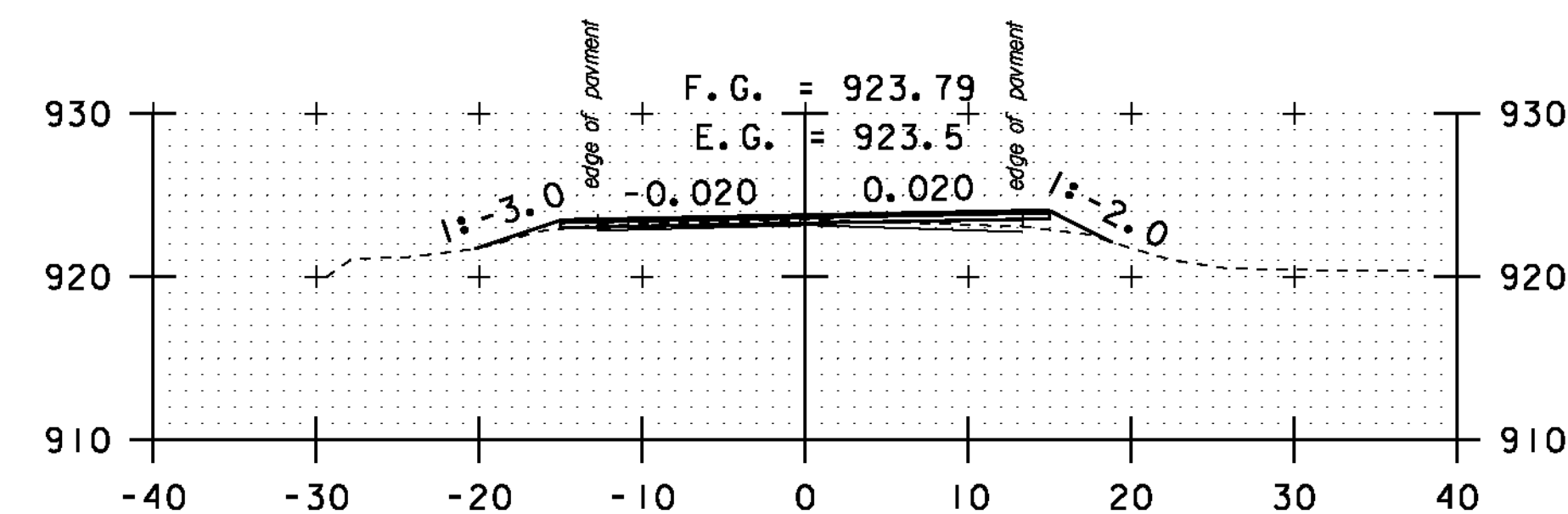
CROSS SECTION SHEET 17	PROJECT NAME: MONTGOMERY-WESTFIELD	
	PROJECT NUMBER: STP 2906(I)	
	FILE NAME: p10CI90.dgn	PLOT DATE: 9/5/12
	PROJECT LEADER: CDL	DRAWN BY: SJL
	DESIGNED BY: SJL	CHECKED BY: CDL
	PLOT FILE: p10CI90_131.I	SHEET 131 OF 178



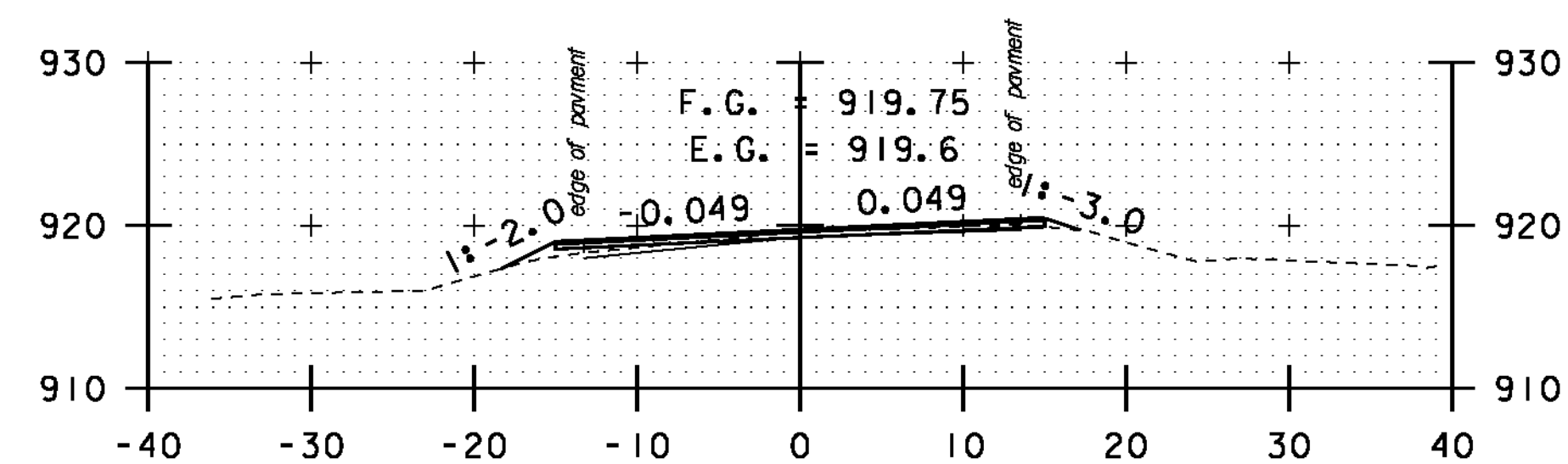
90+00



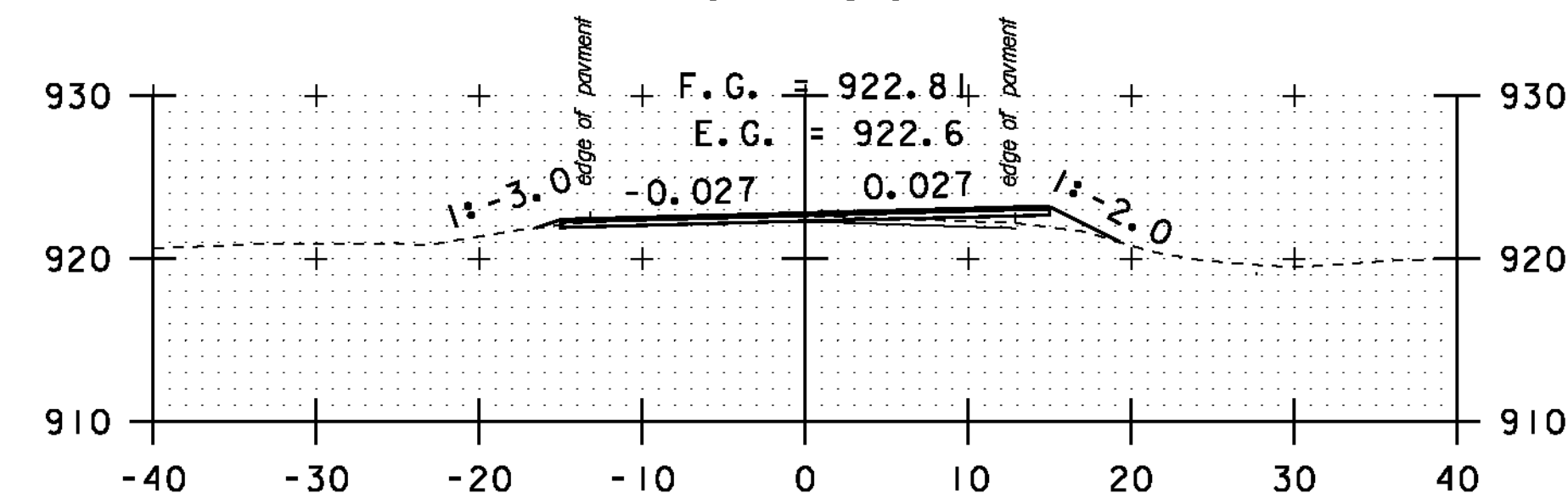
92+00



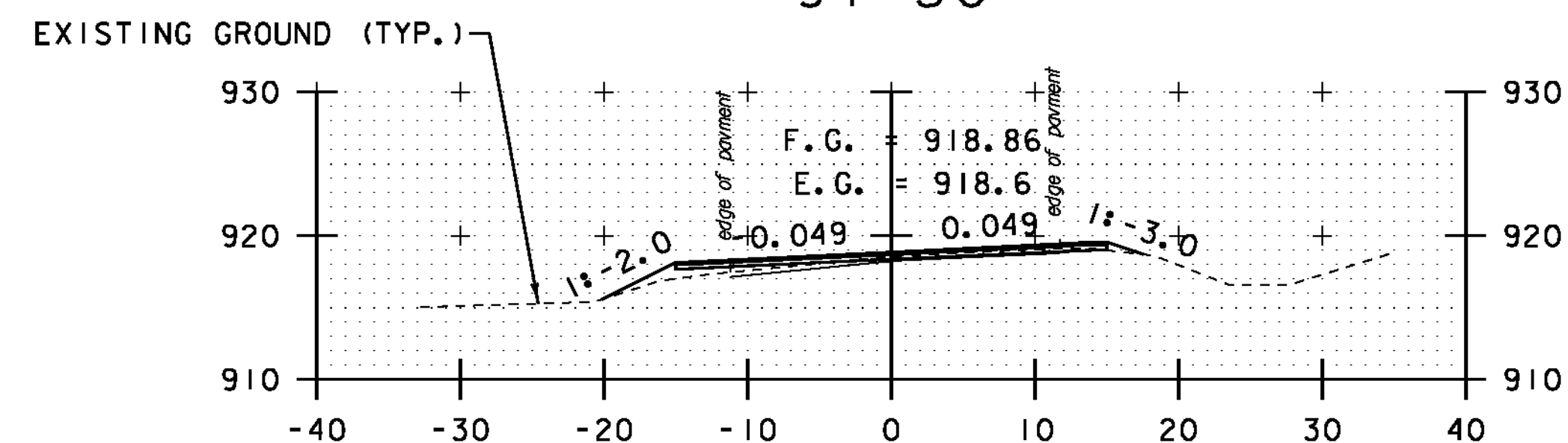
94+00



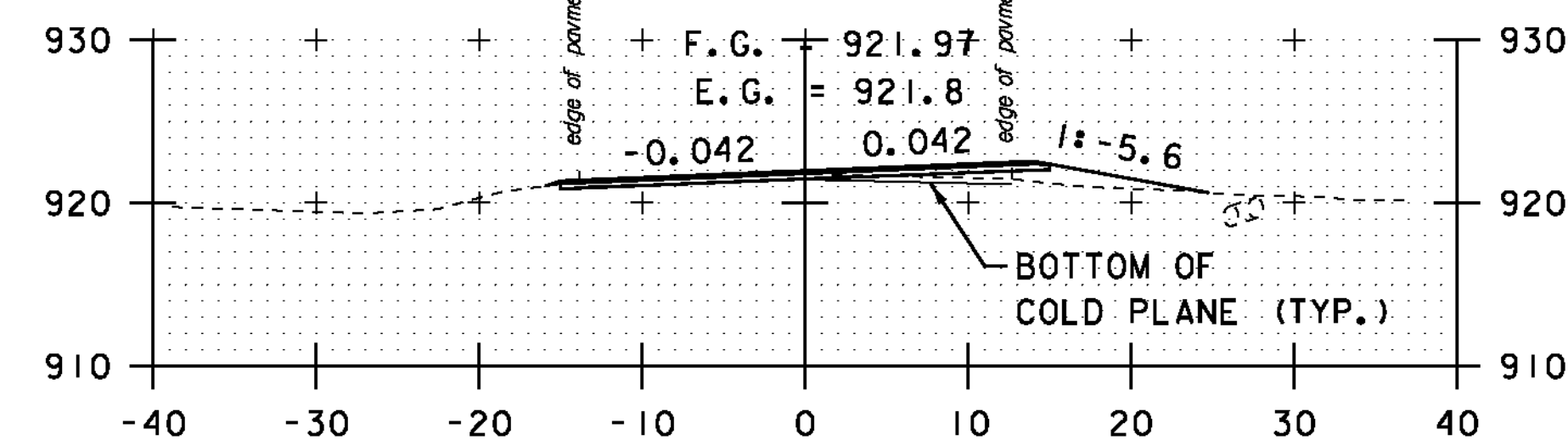
91+50



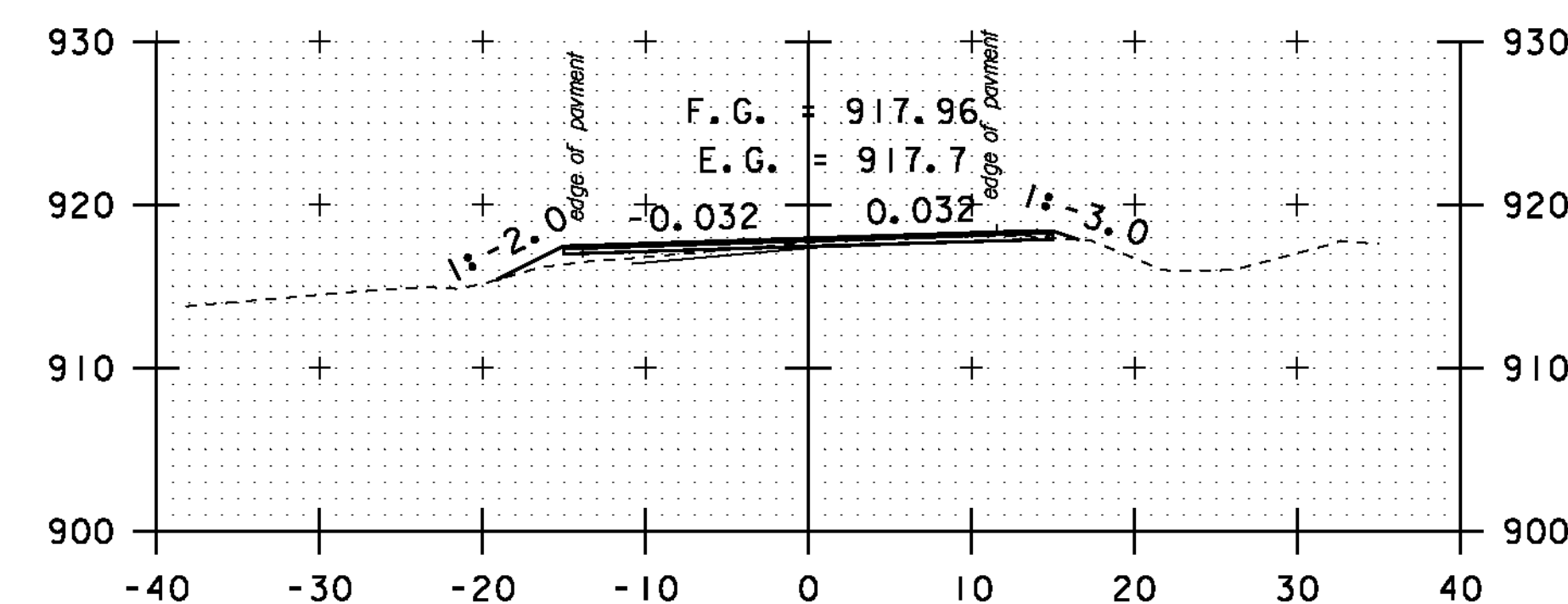
93+50



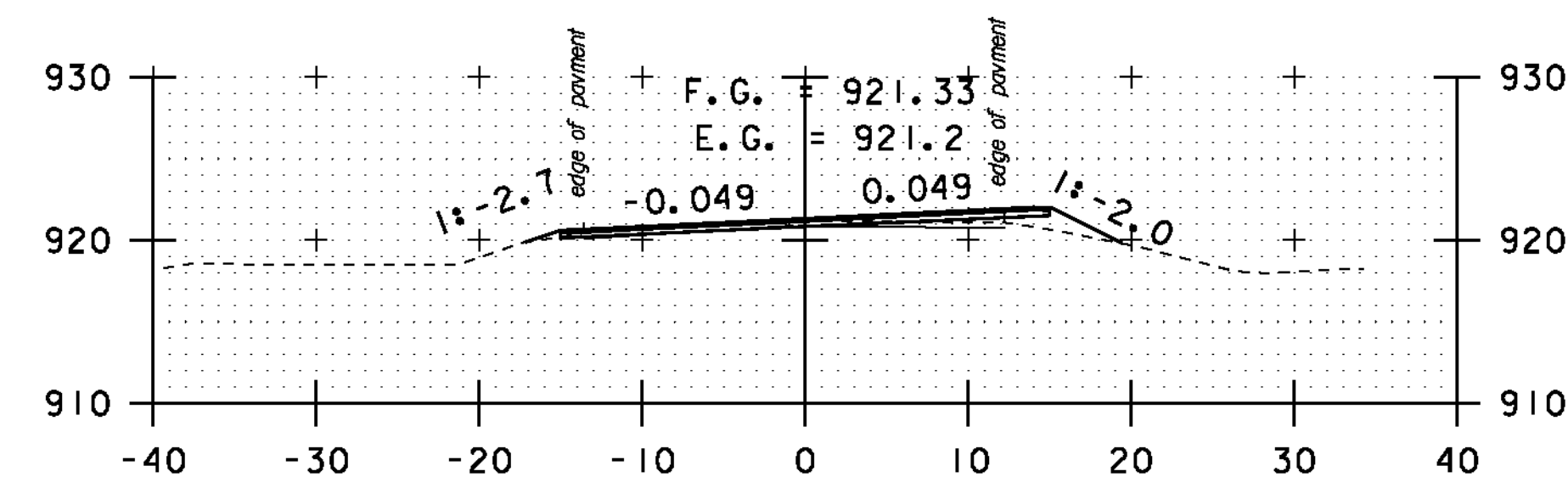
91+35



DRIVE RT
93+00



90+50



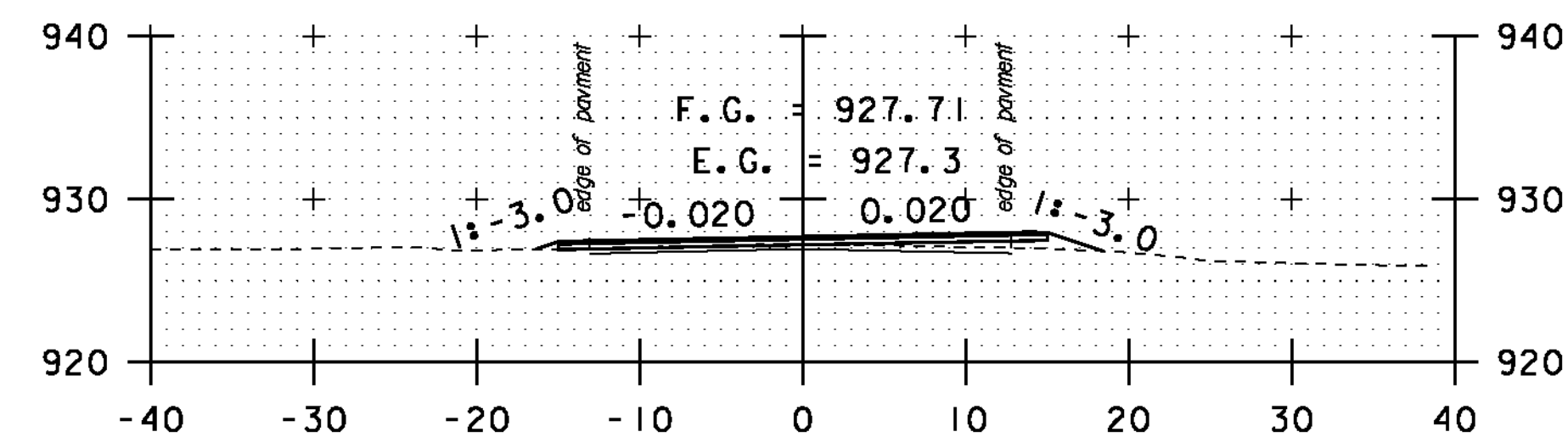
92+50

STA. 90+00 TO STA. 94+00

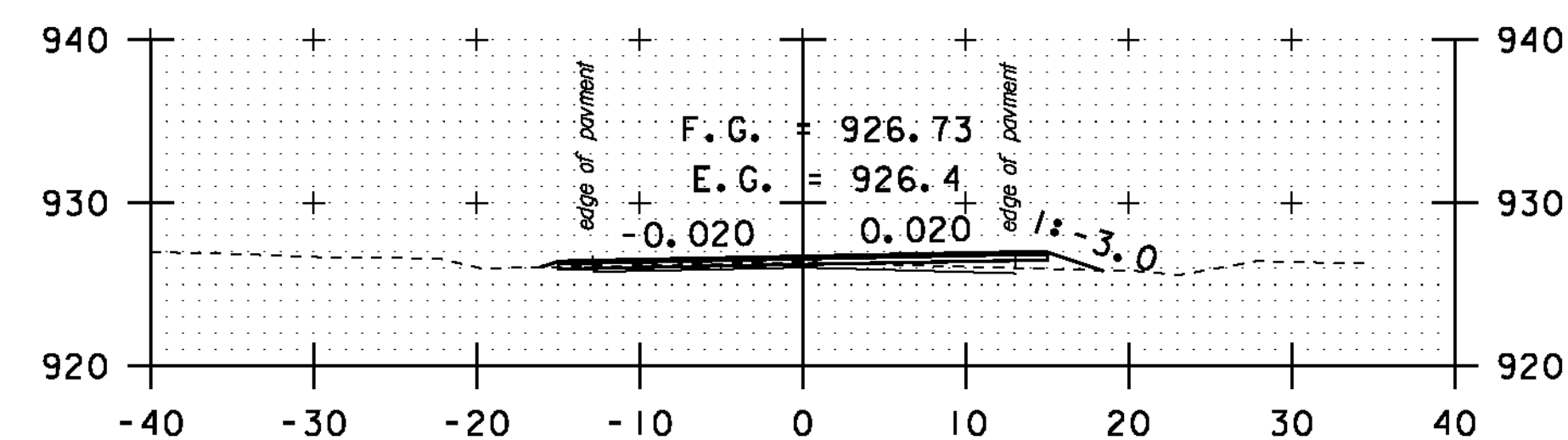
SCALE 1" = 10'-0"

**CROSS
SECTION
SHEET 18**

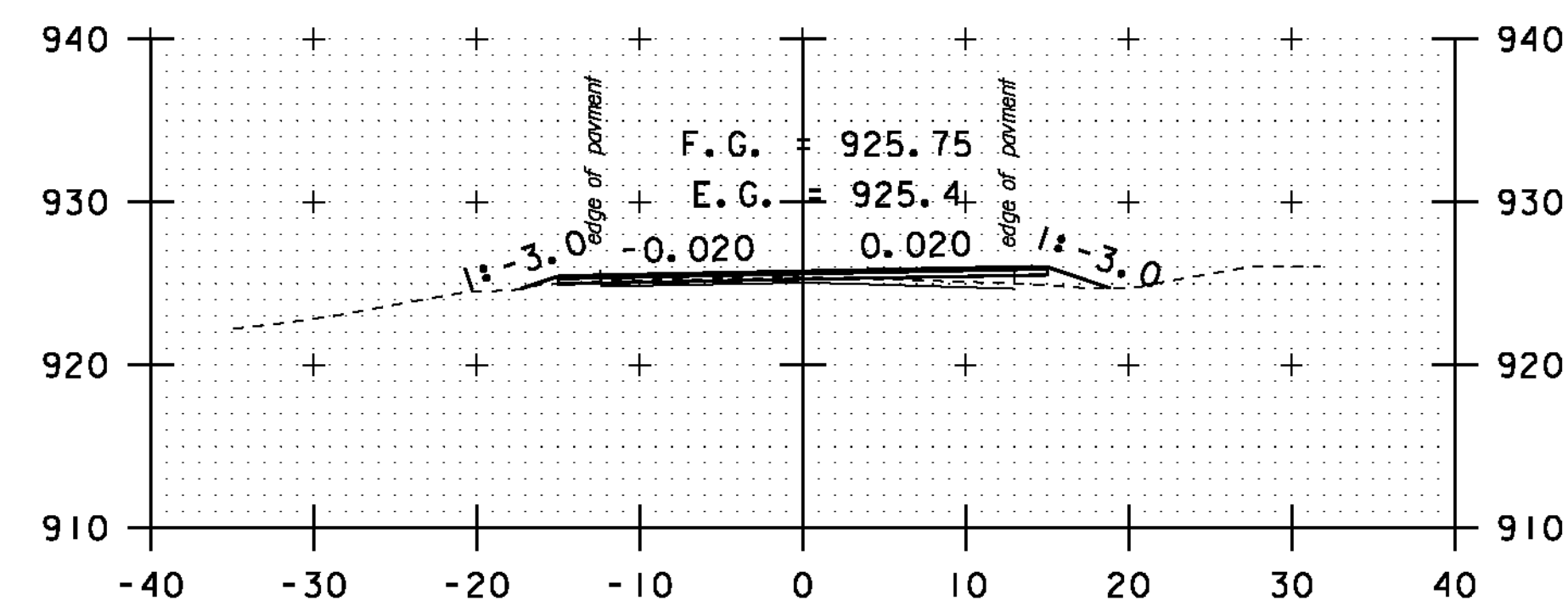
PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(I)
FILE NAME: p10CI90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10CI90_132.1
PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: CDL
SHEET 132 OF 178



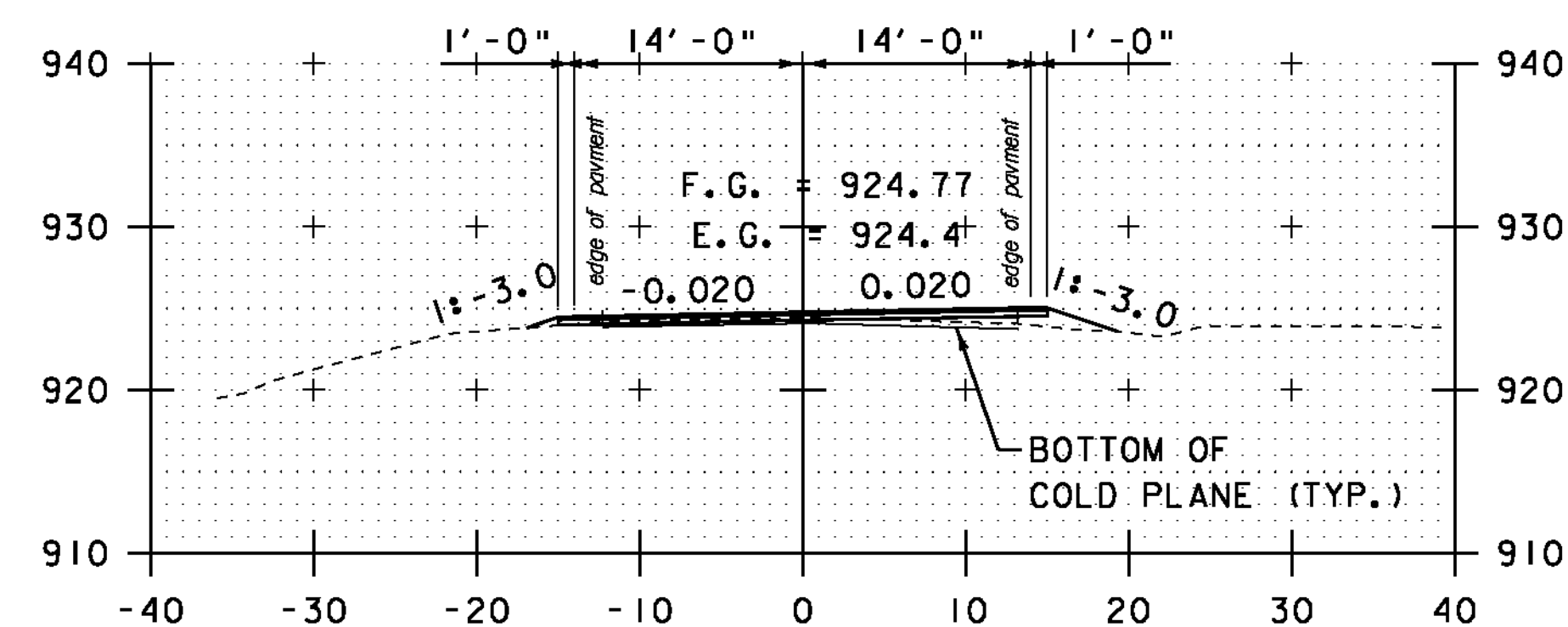
96+00



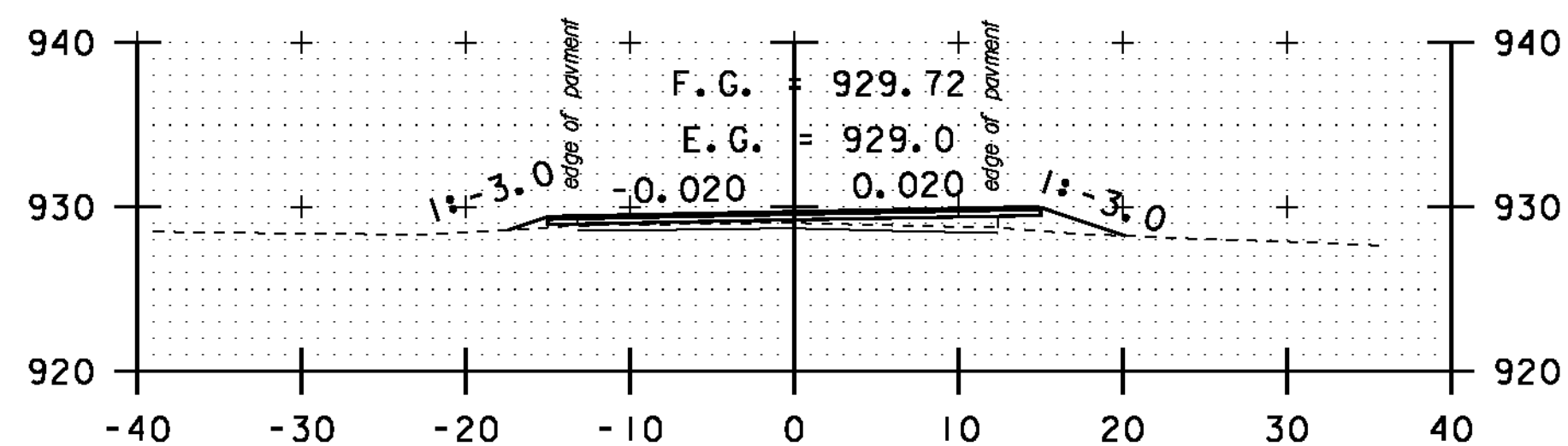
95+50



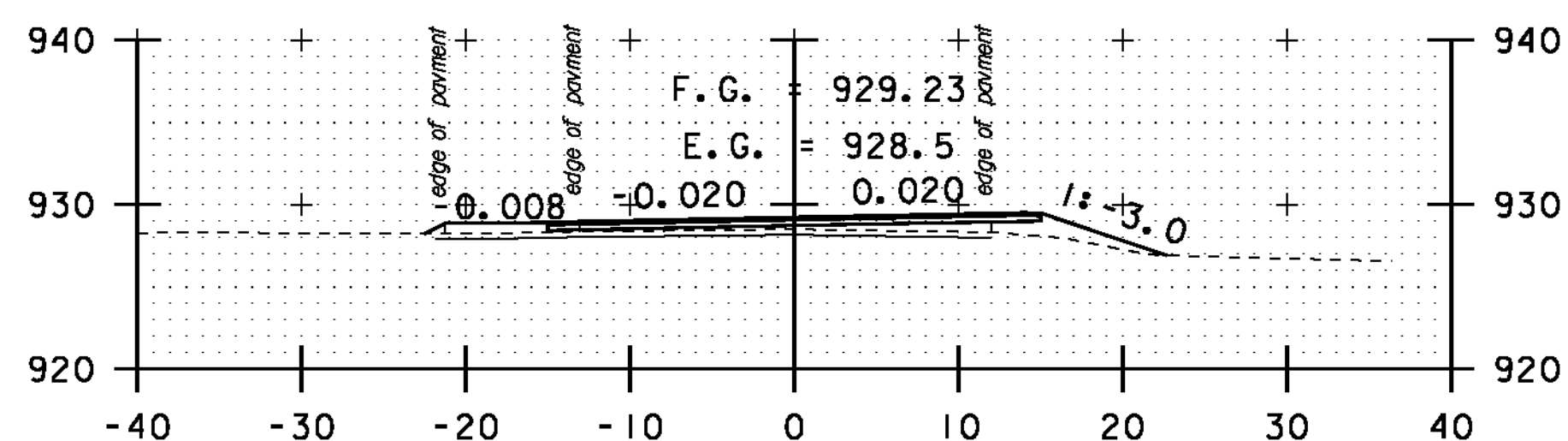
95+00



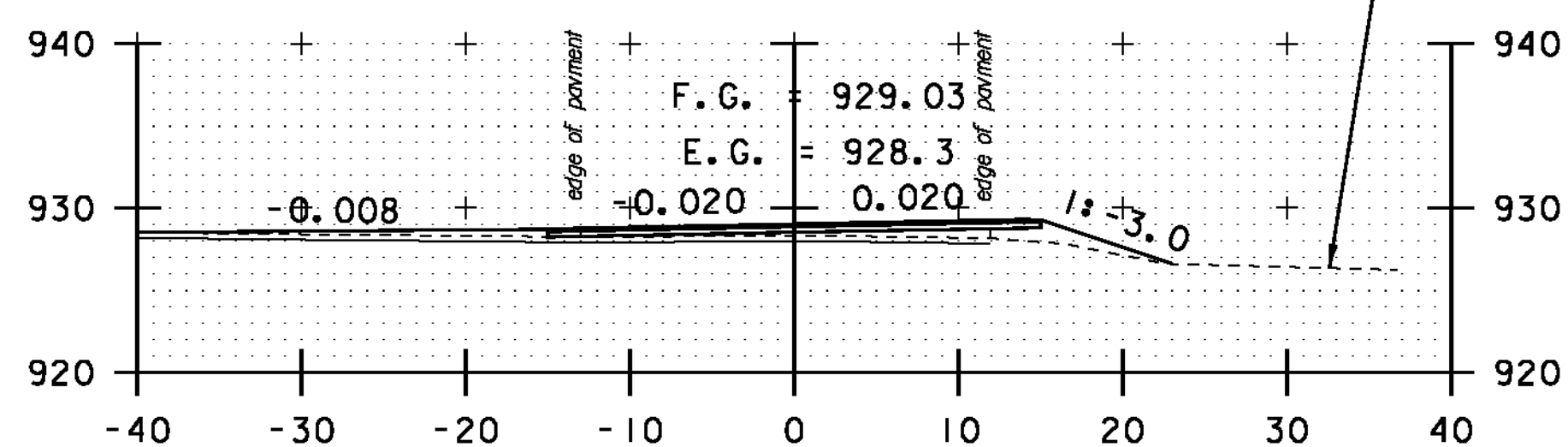
94+50



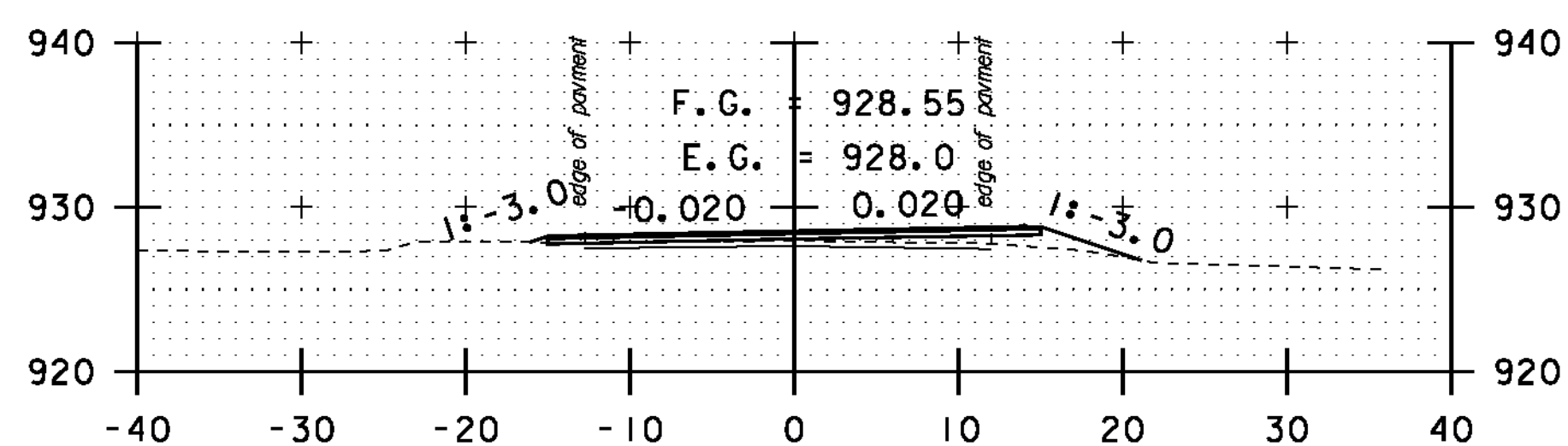
97+50



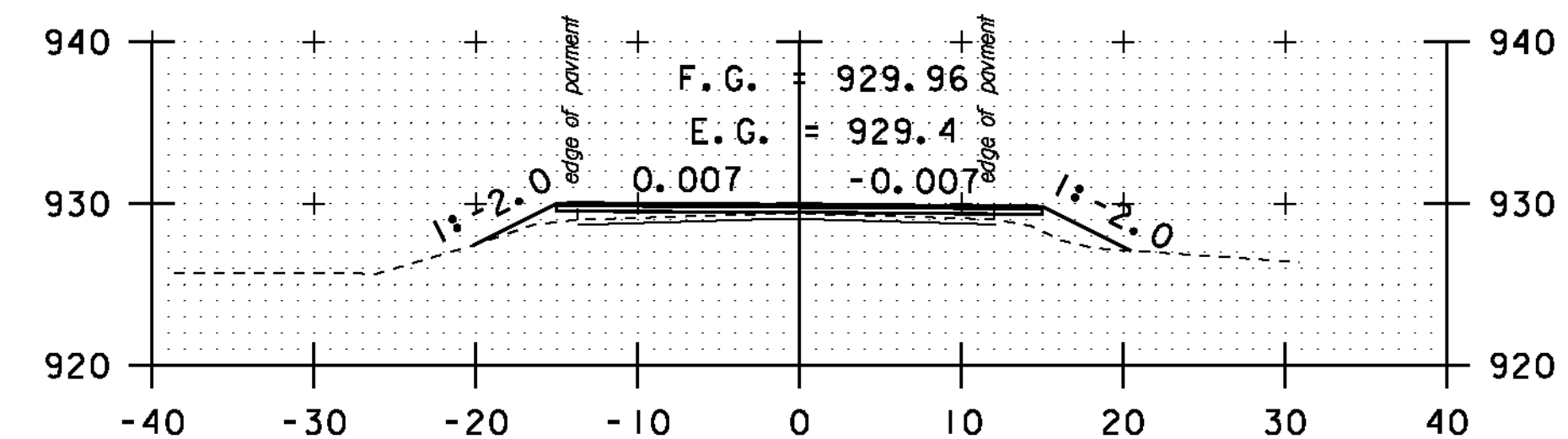
TH #18 LT
97+00



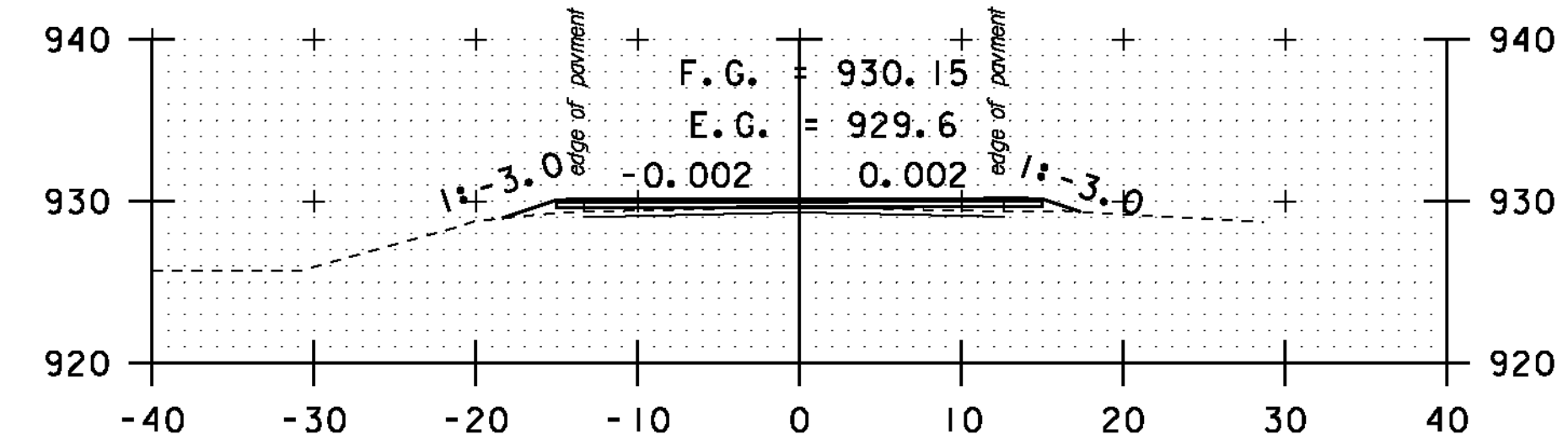
TH #18 LT
96+84



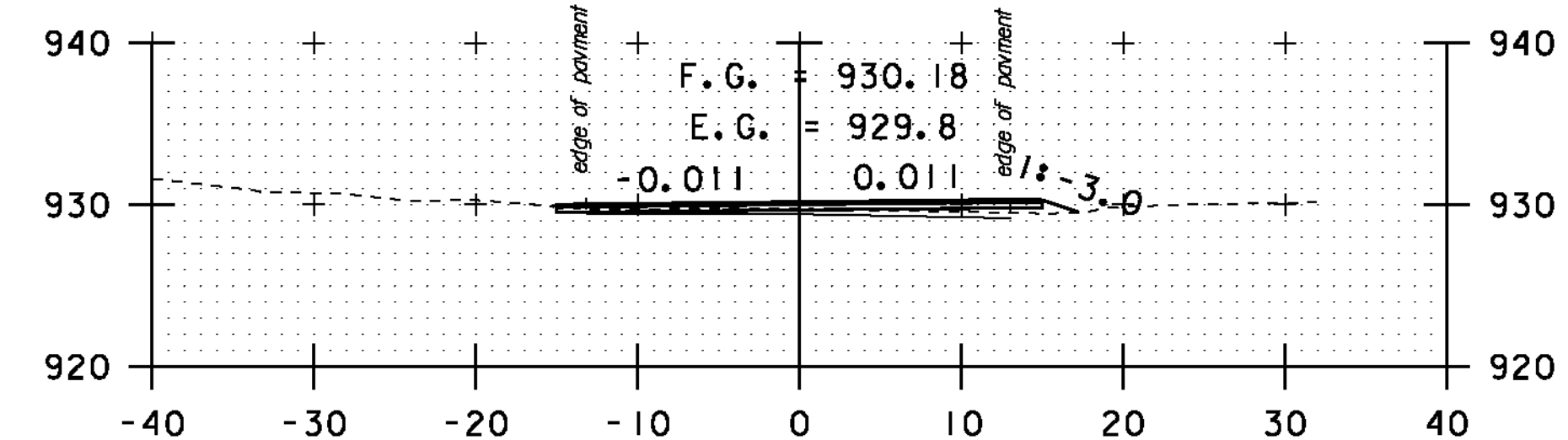
96+50



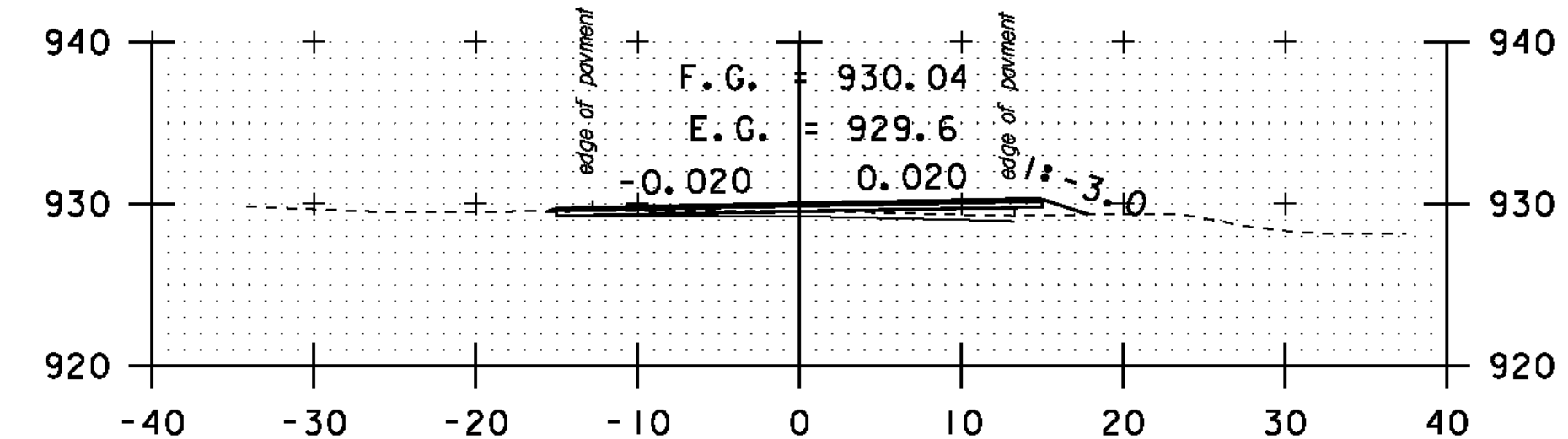
99+50



99+00



98+50



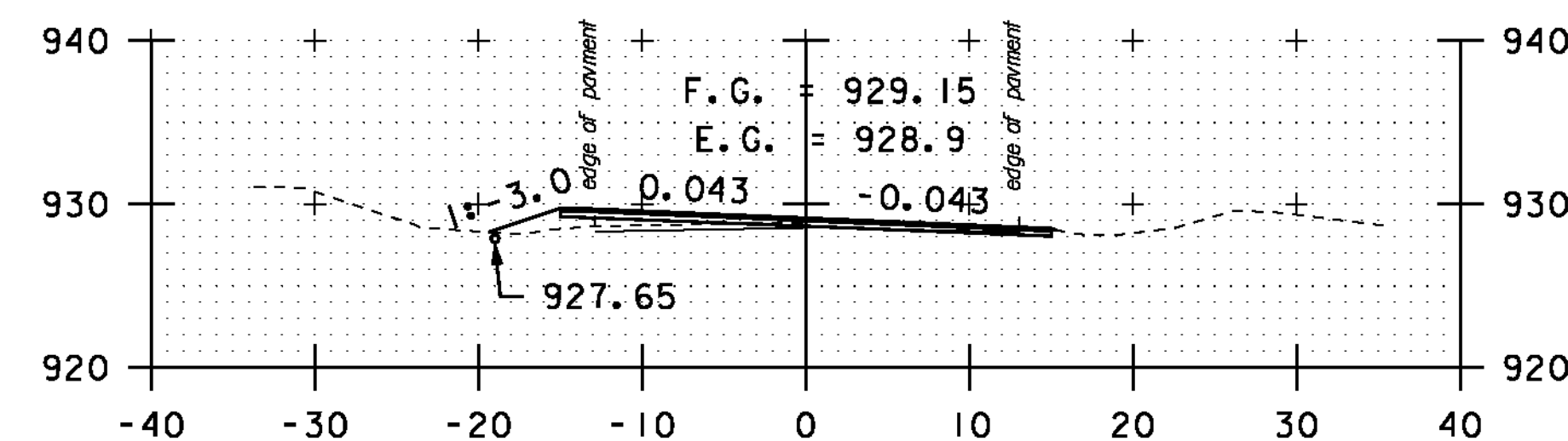
98+00

STA. 94+50 TO STA. 99+50

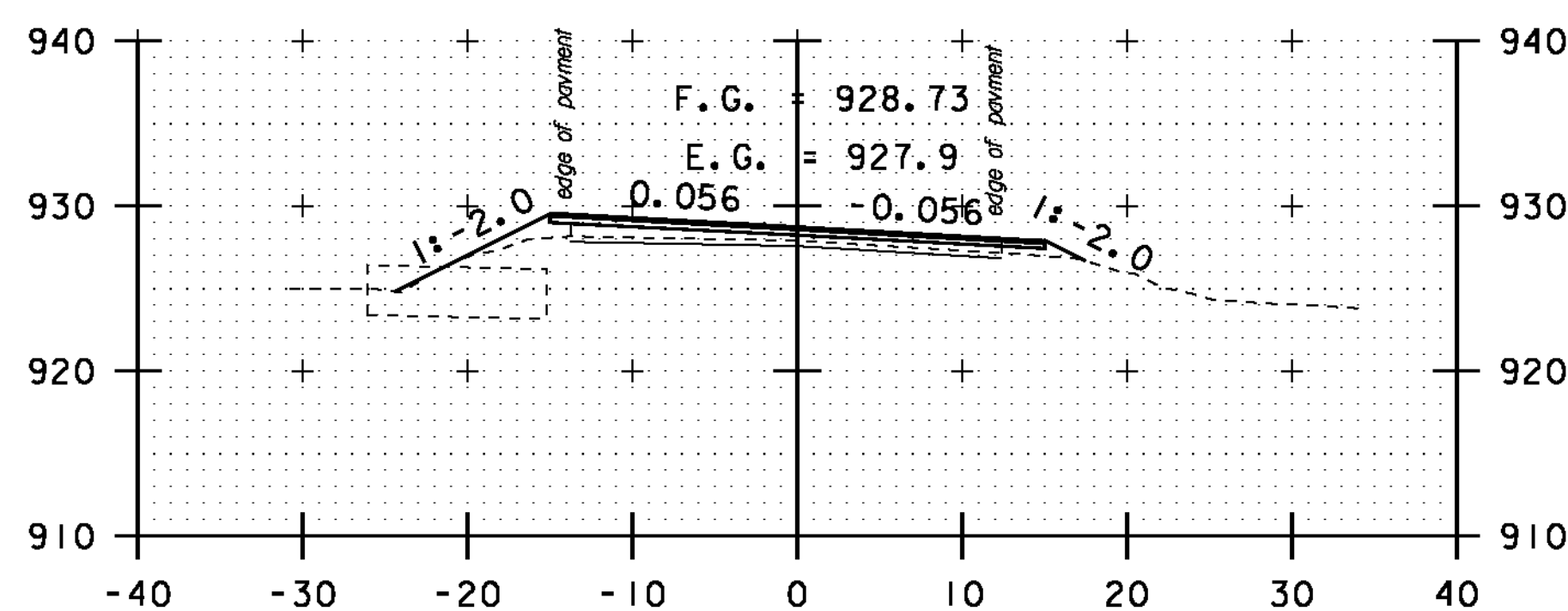
SCALE 1" = 10'-0"

**CROSS
SECTION
SHEET 19**

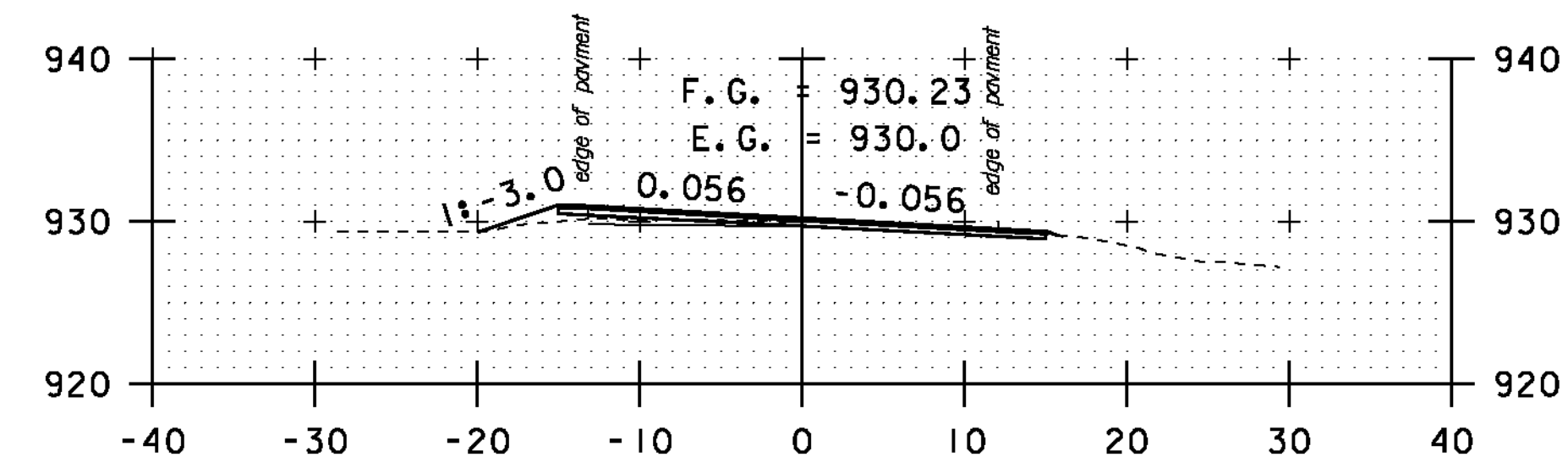
PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(I)
FILE NAME: p10CI90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10CI90.I33.I
PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: CDL
SHEET 133 OF 178



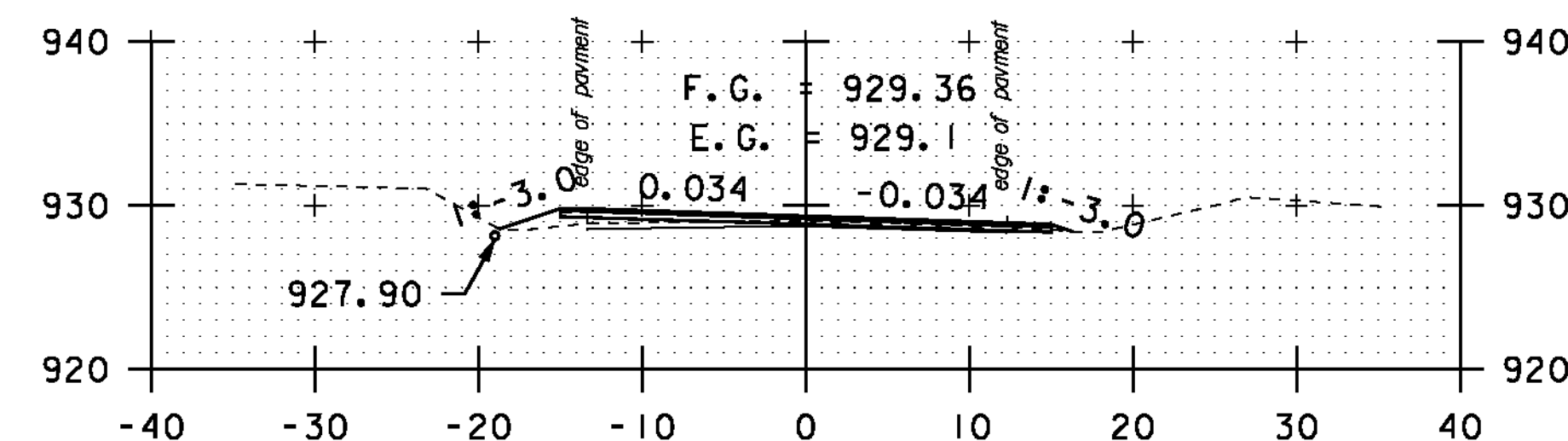
101+50



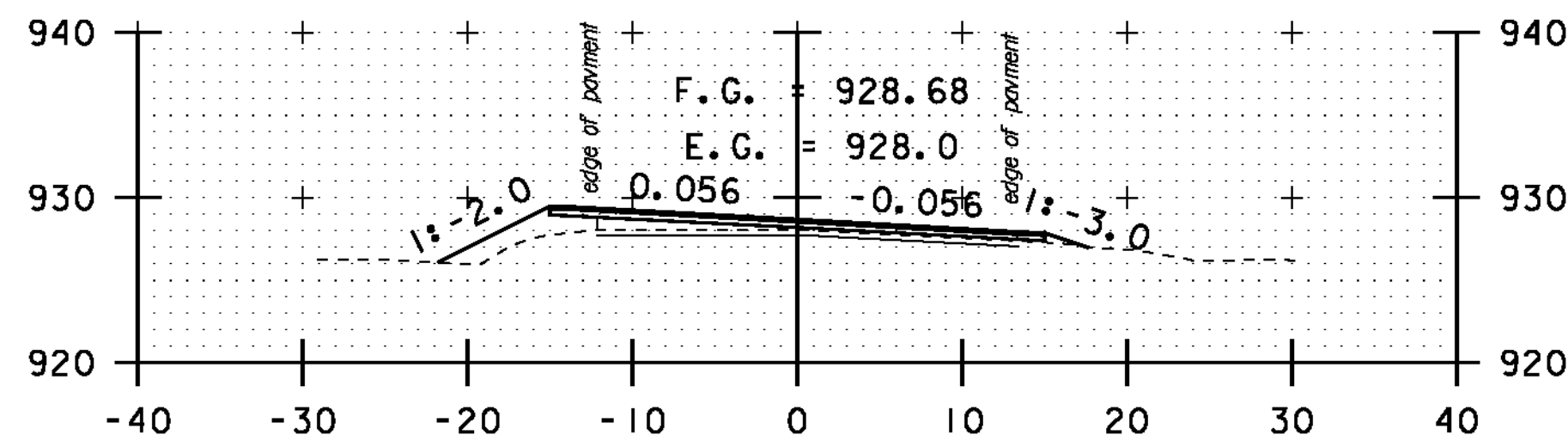
103+50



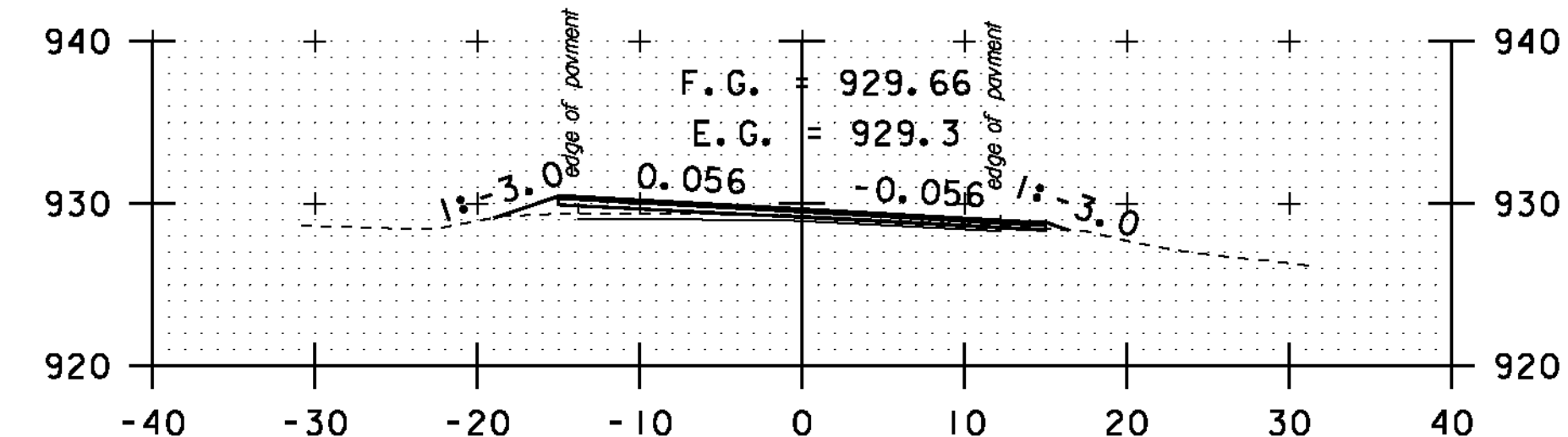
105+50



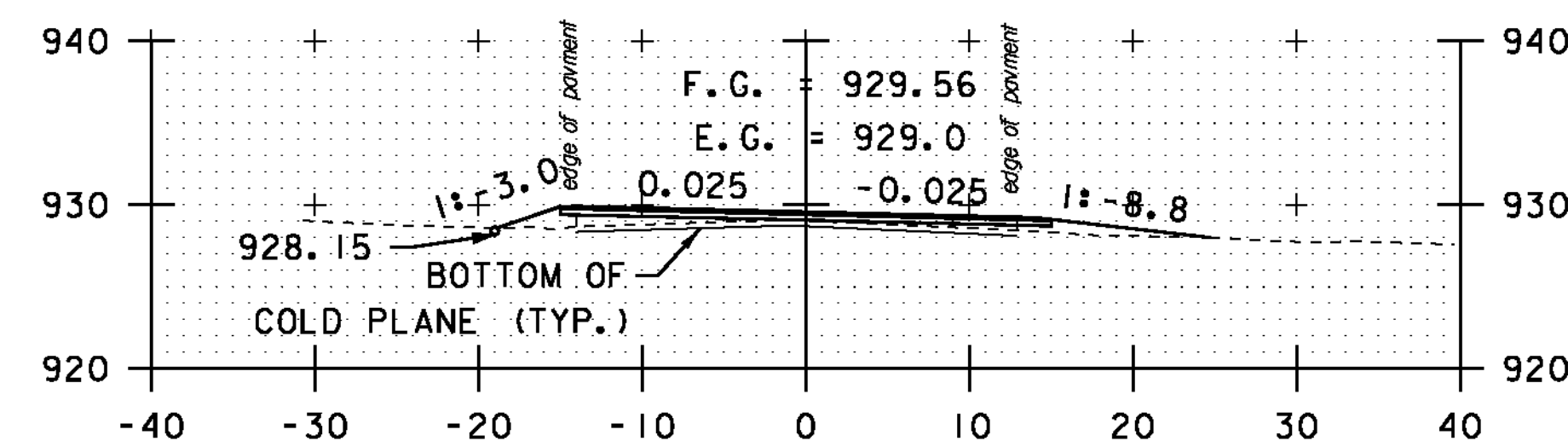
101+00



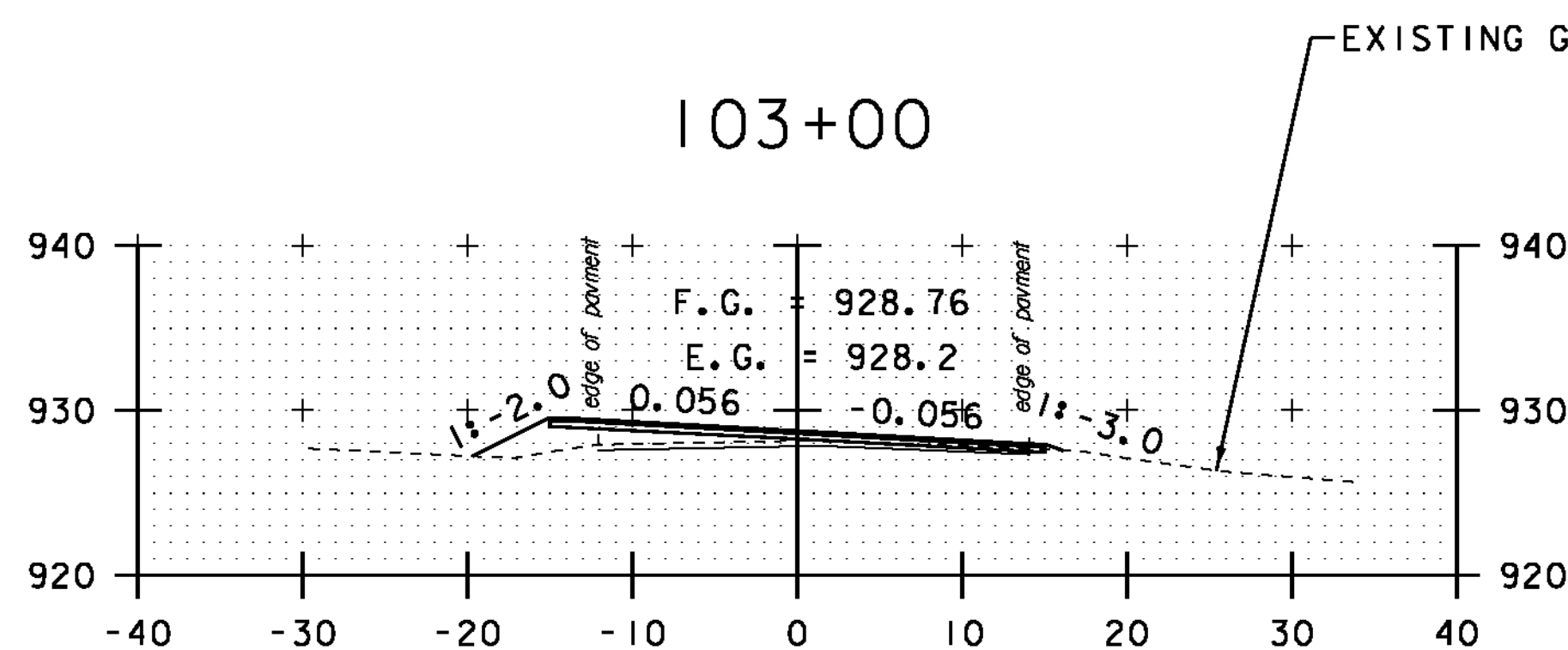
103+00



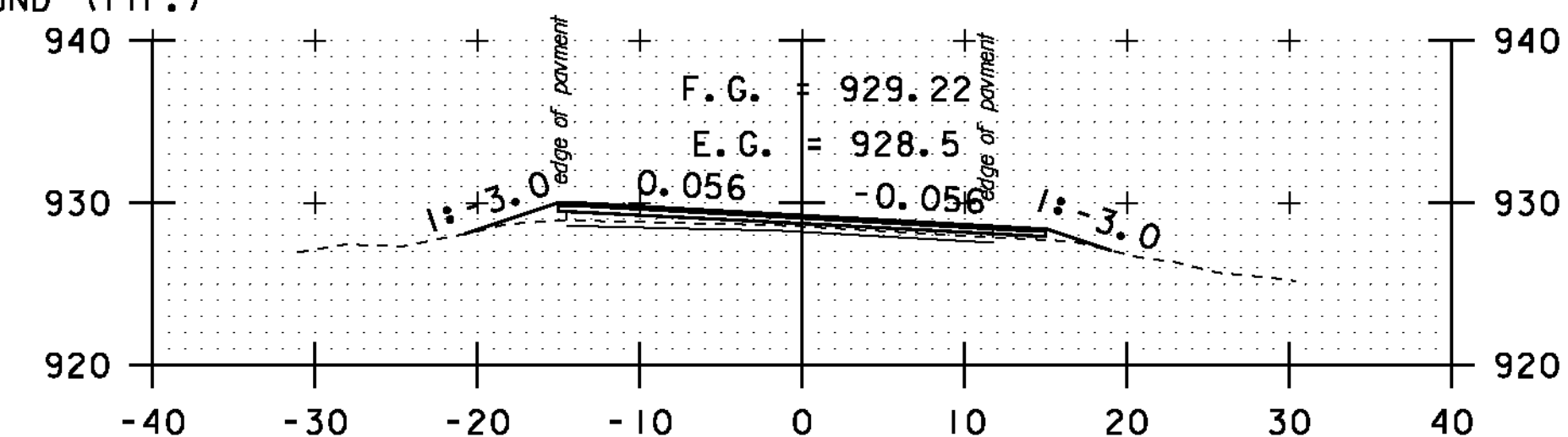
105+00



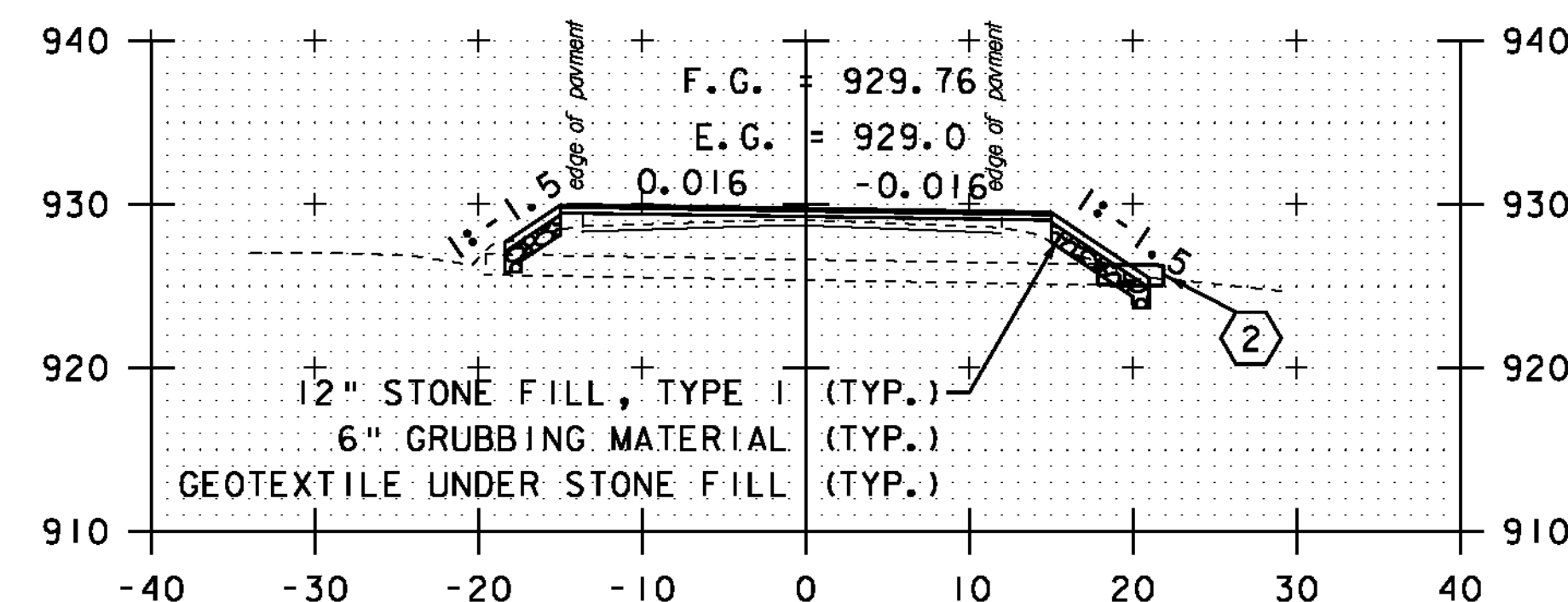
DRIVE RT
100+50



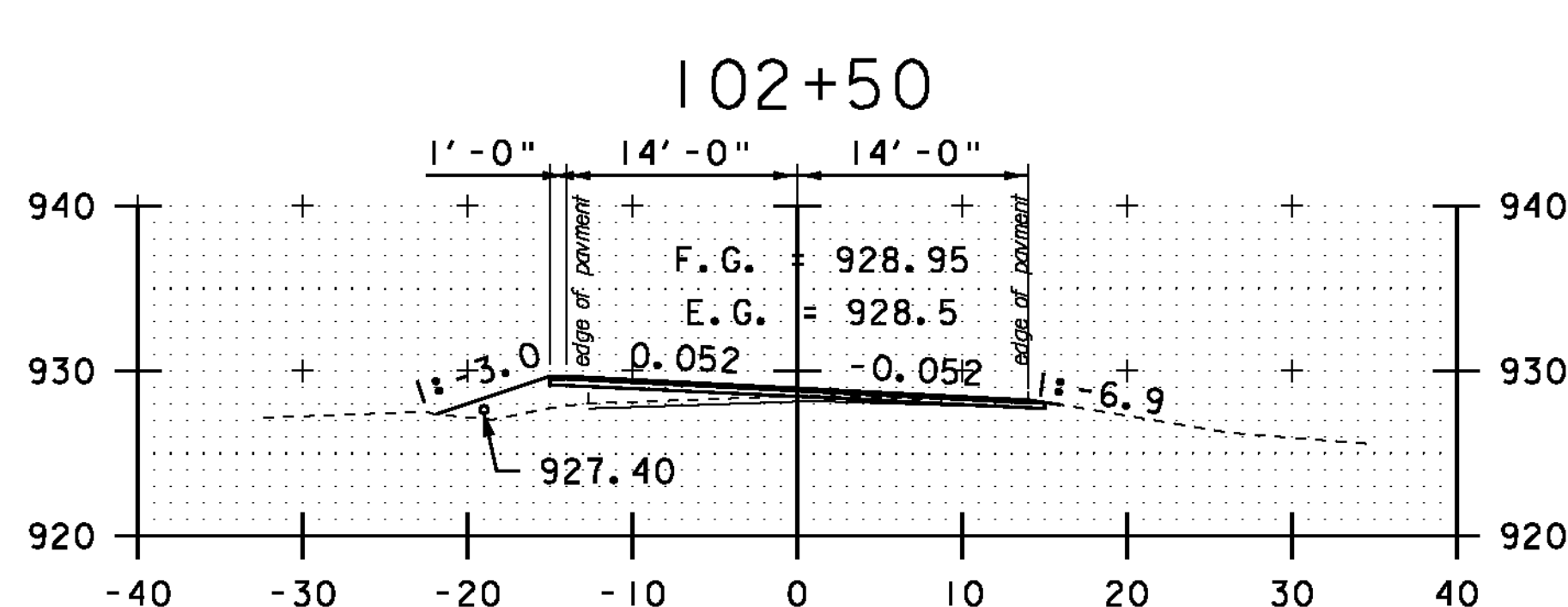
102+50



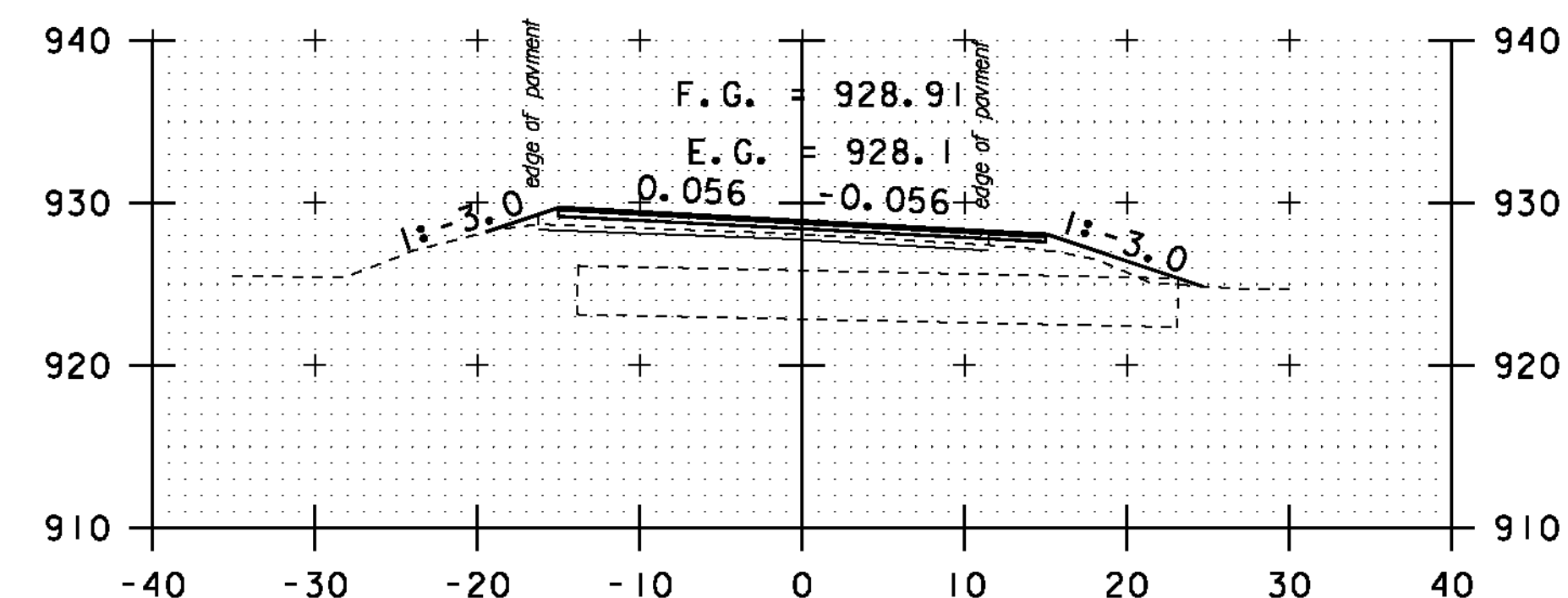
104+50



100+00



DRIVE RT
102+00



104+00

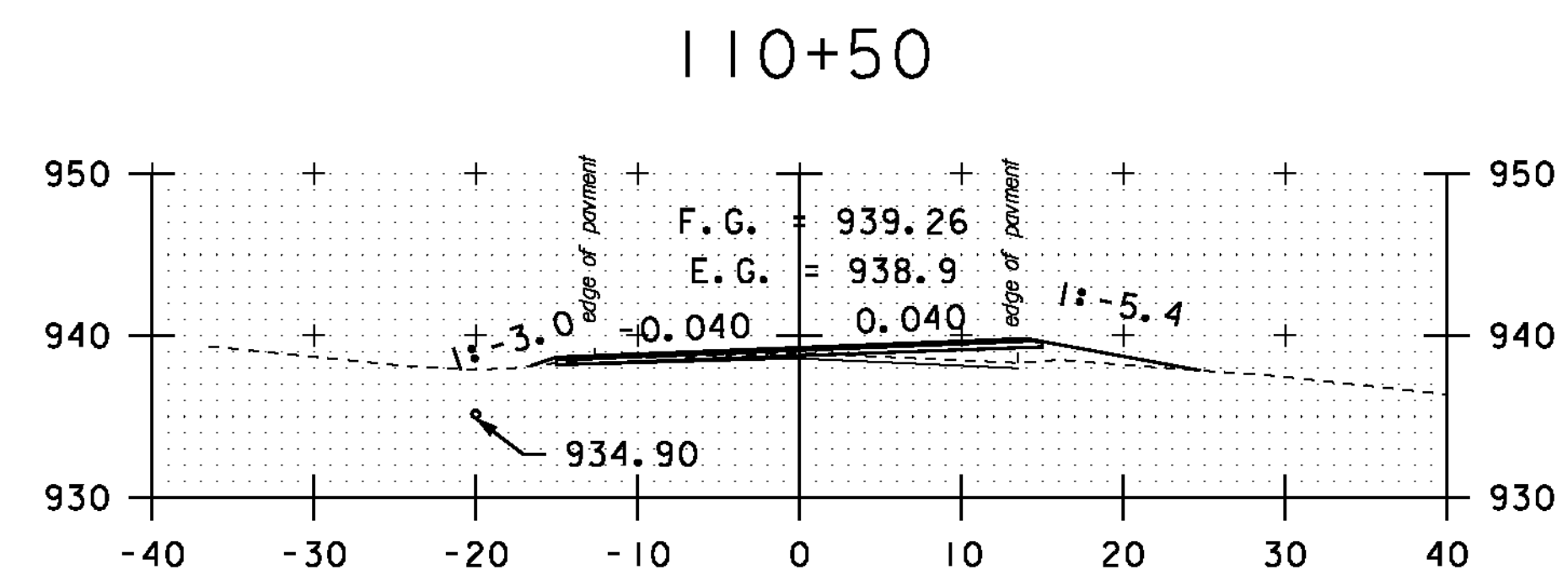
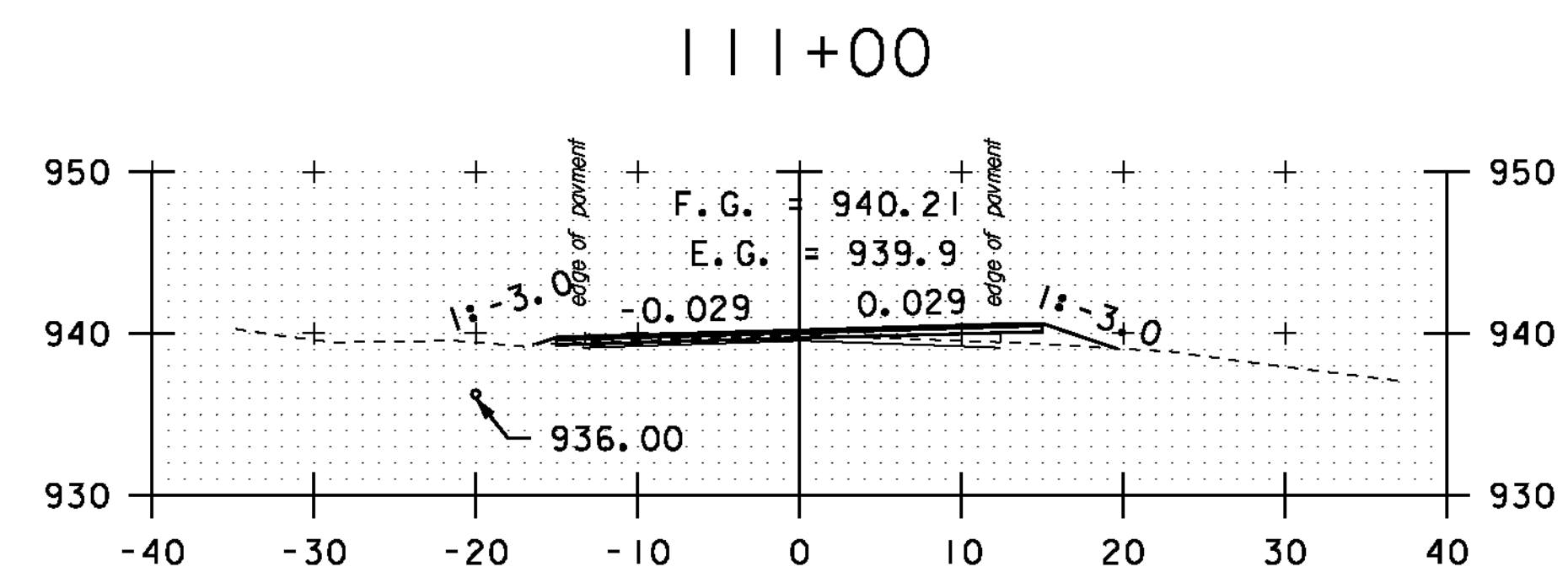
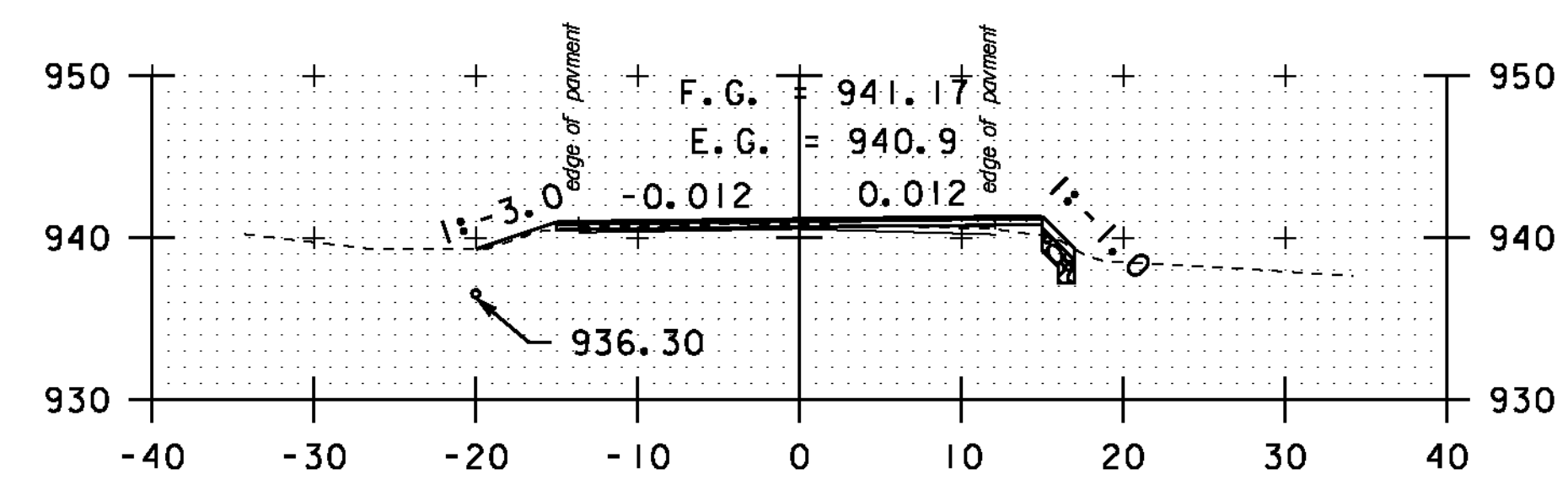
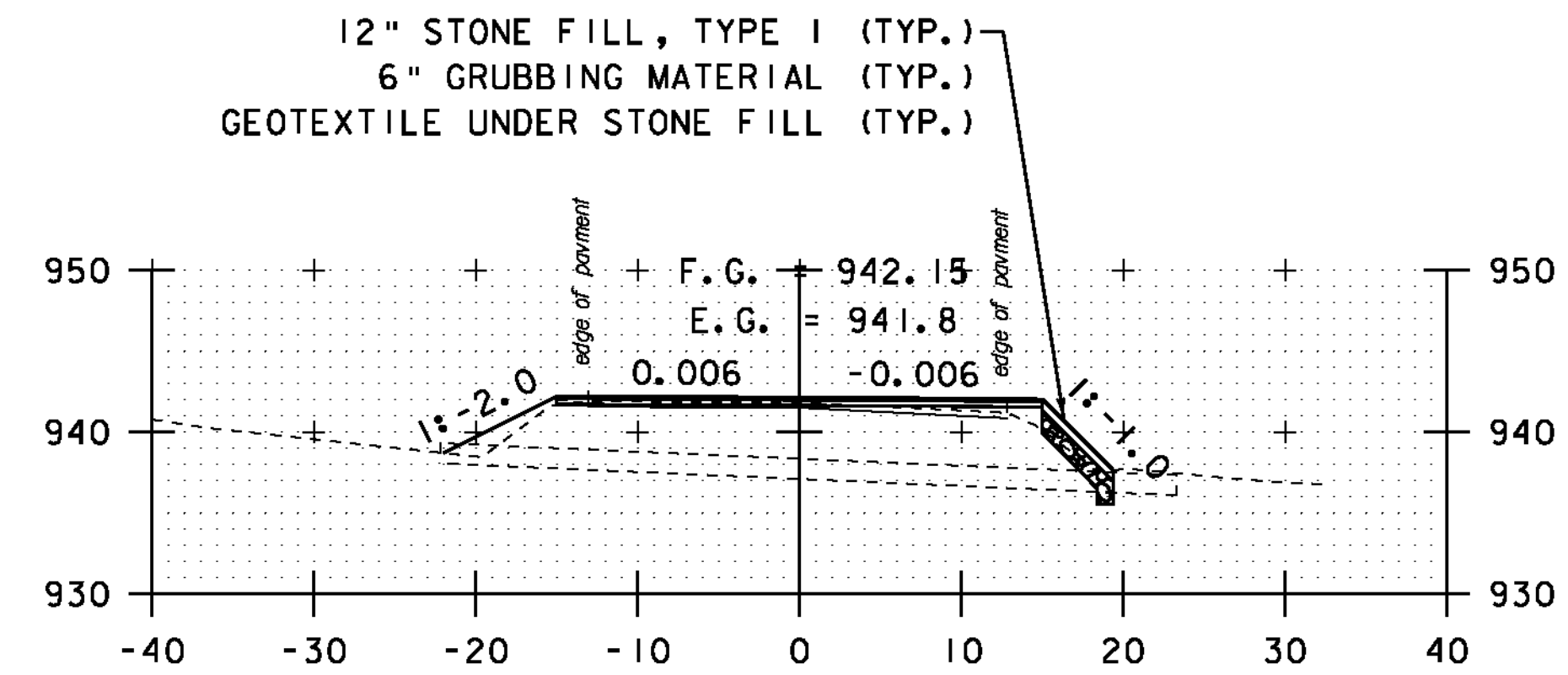
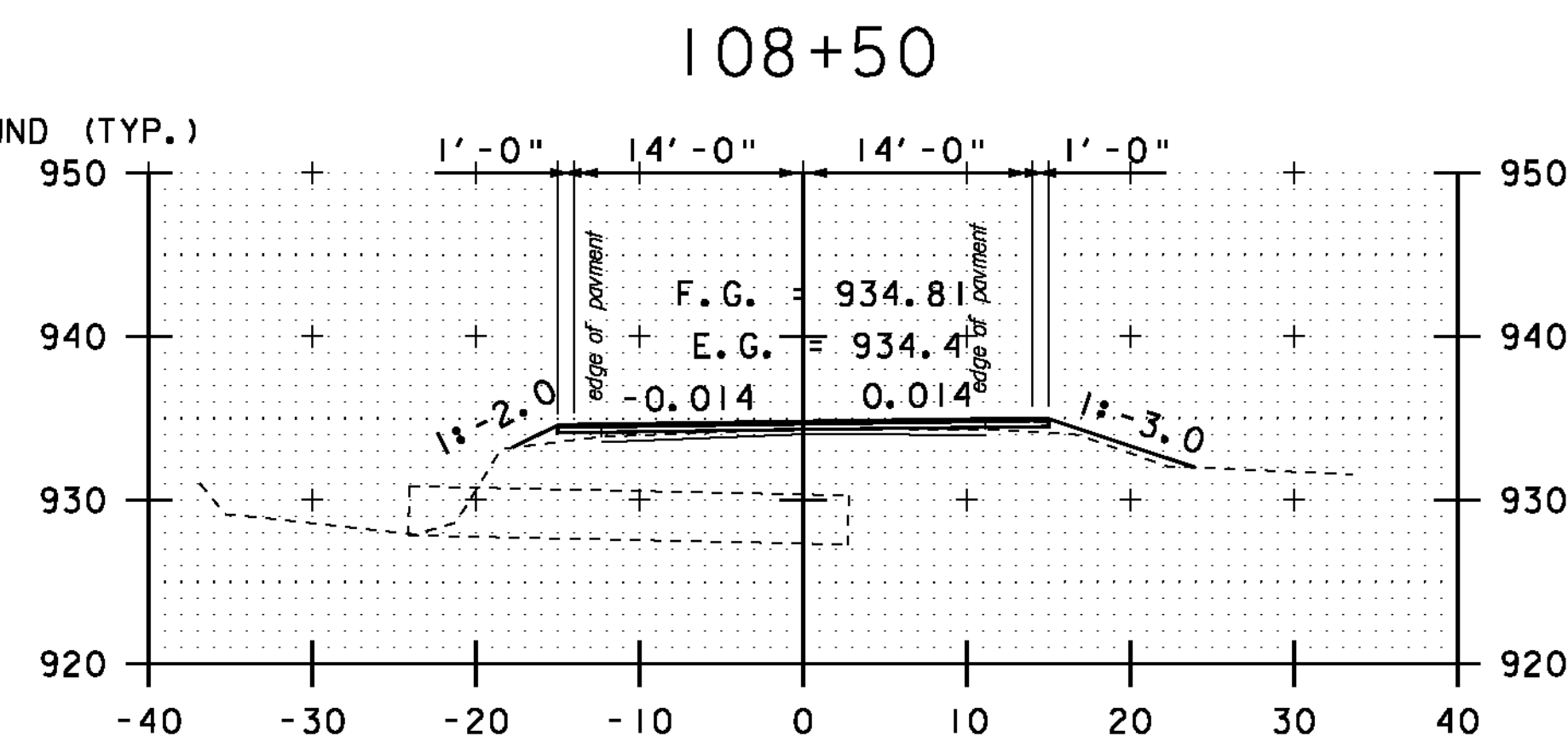
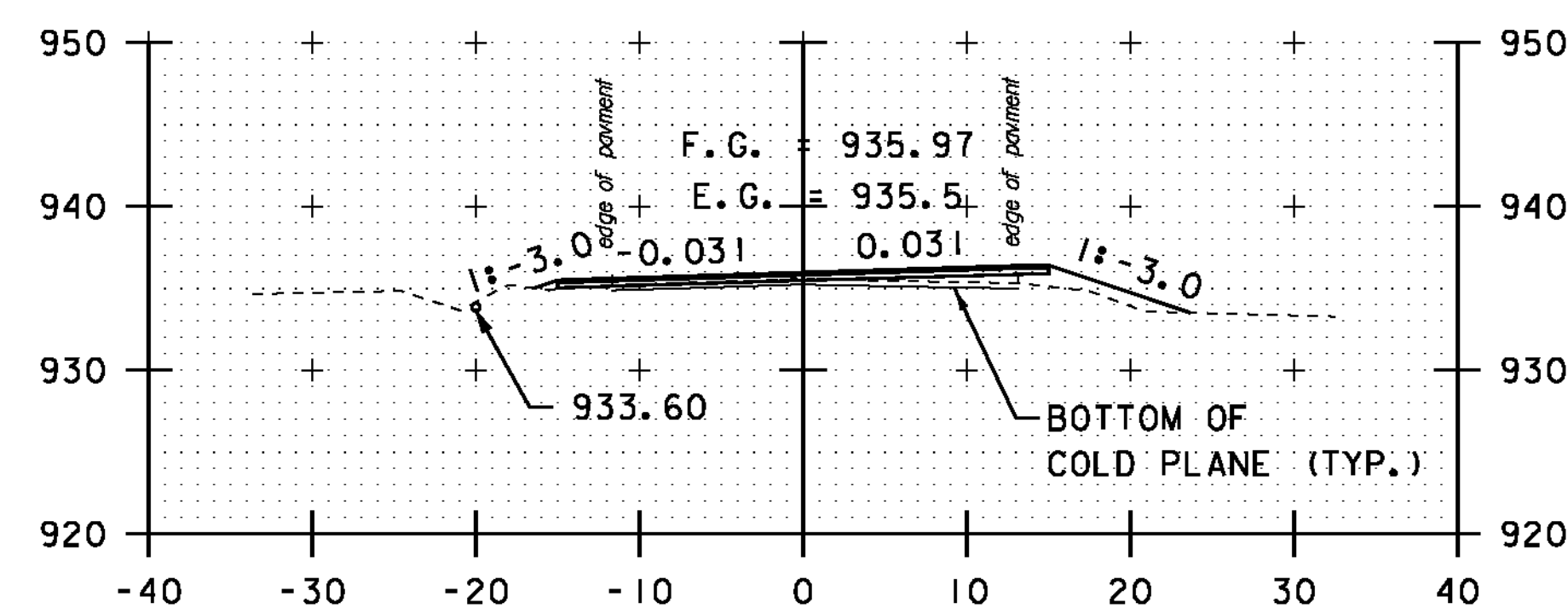
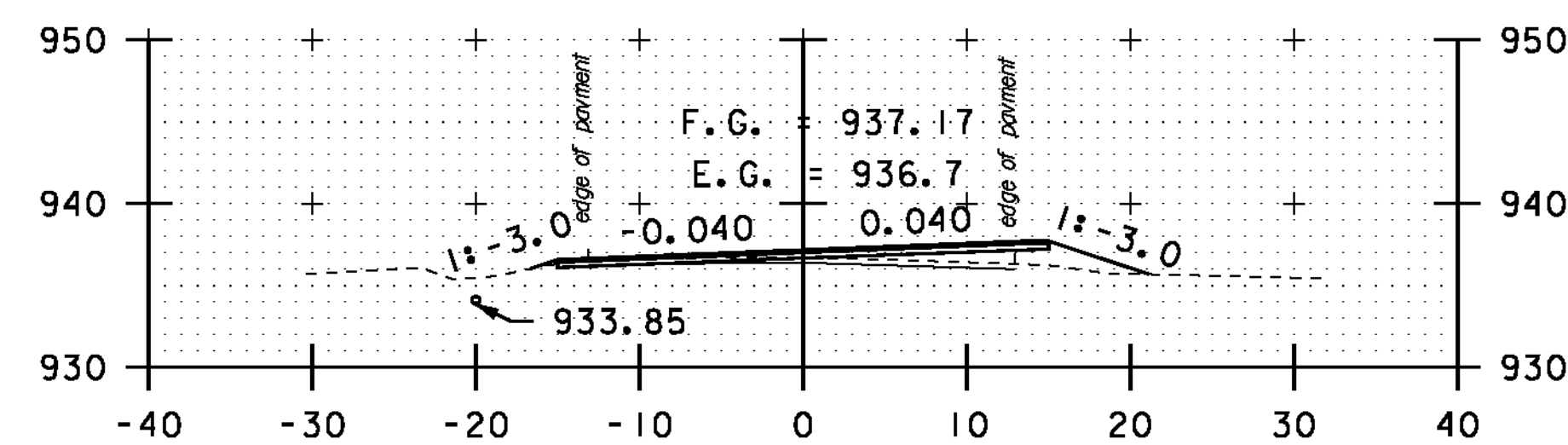
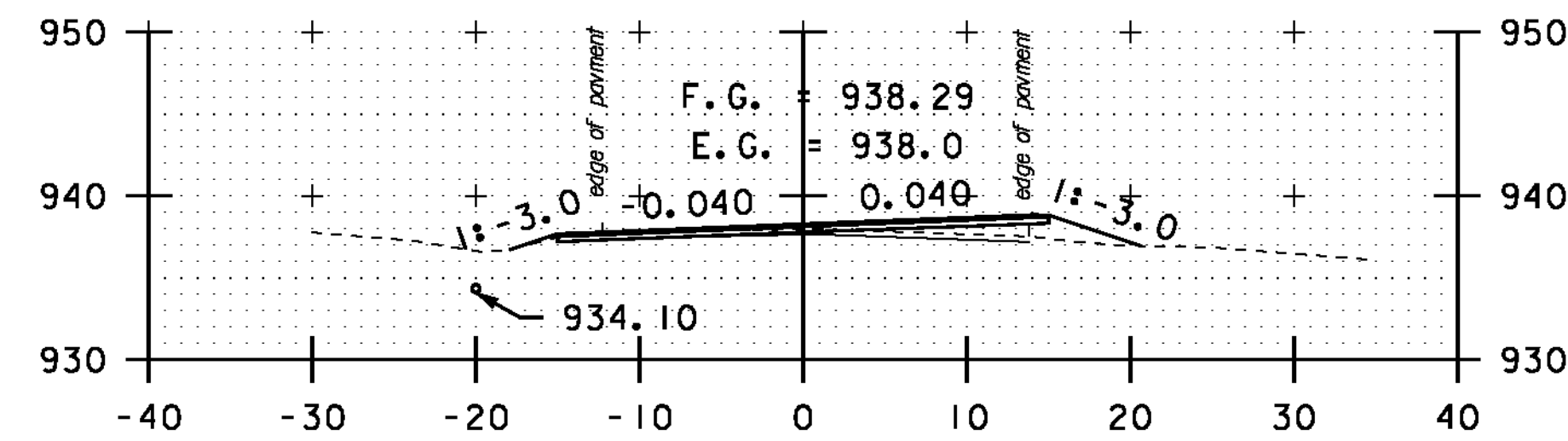
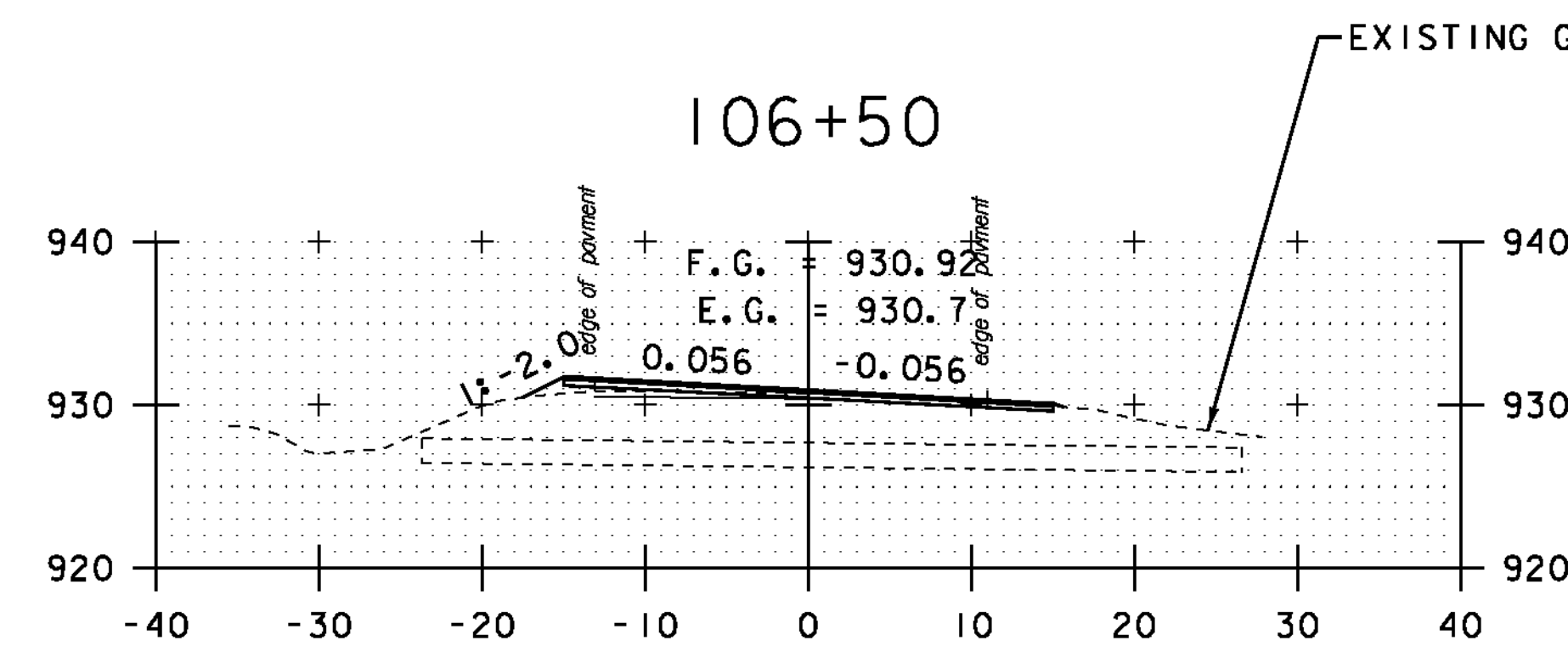
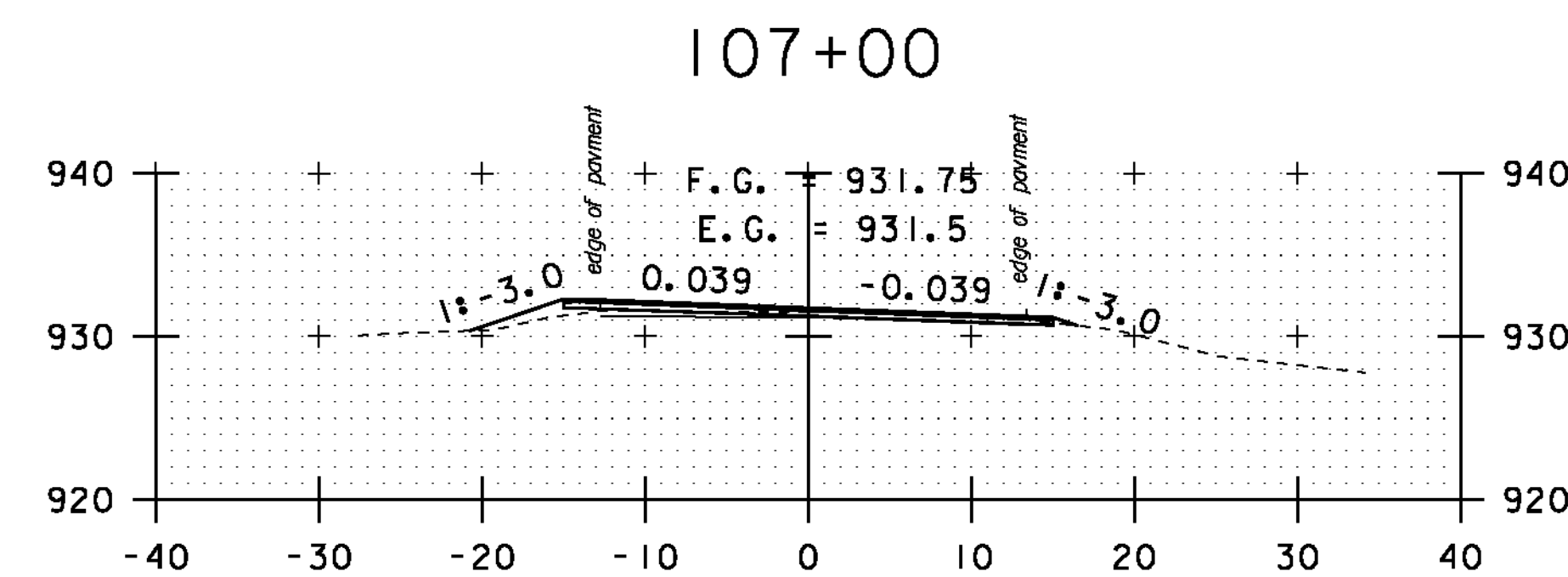
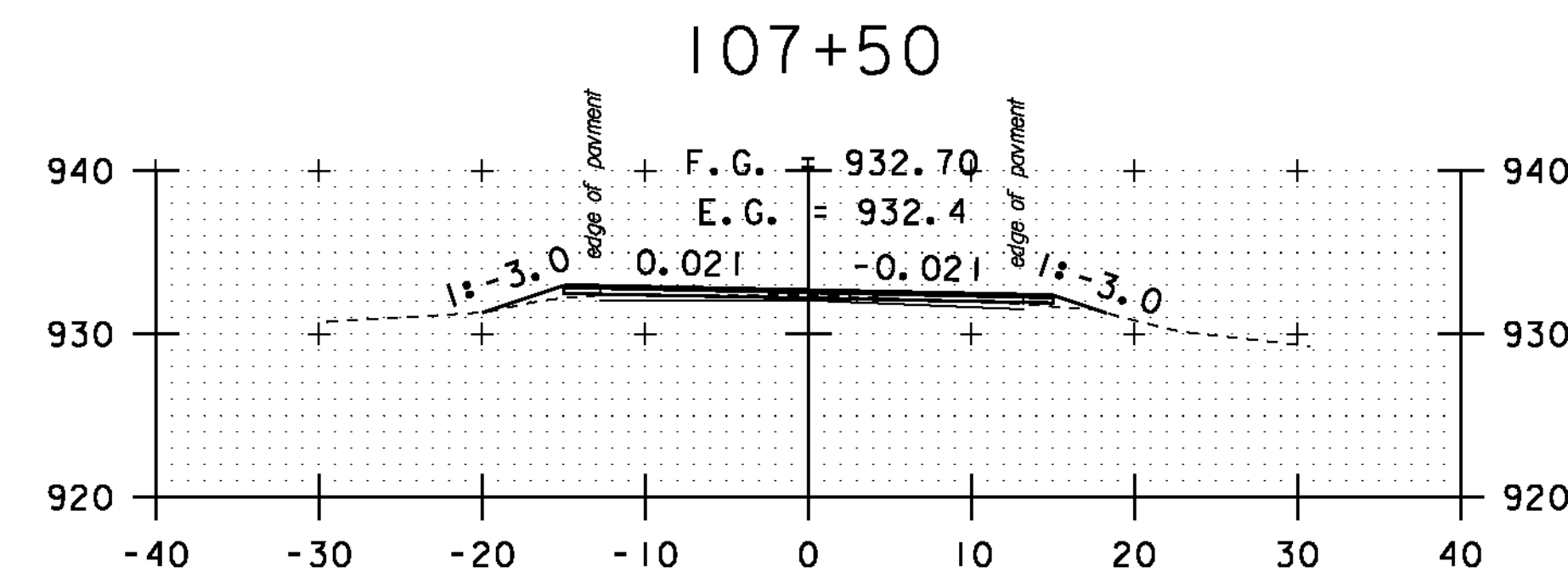
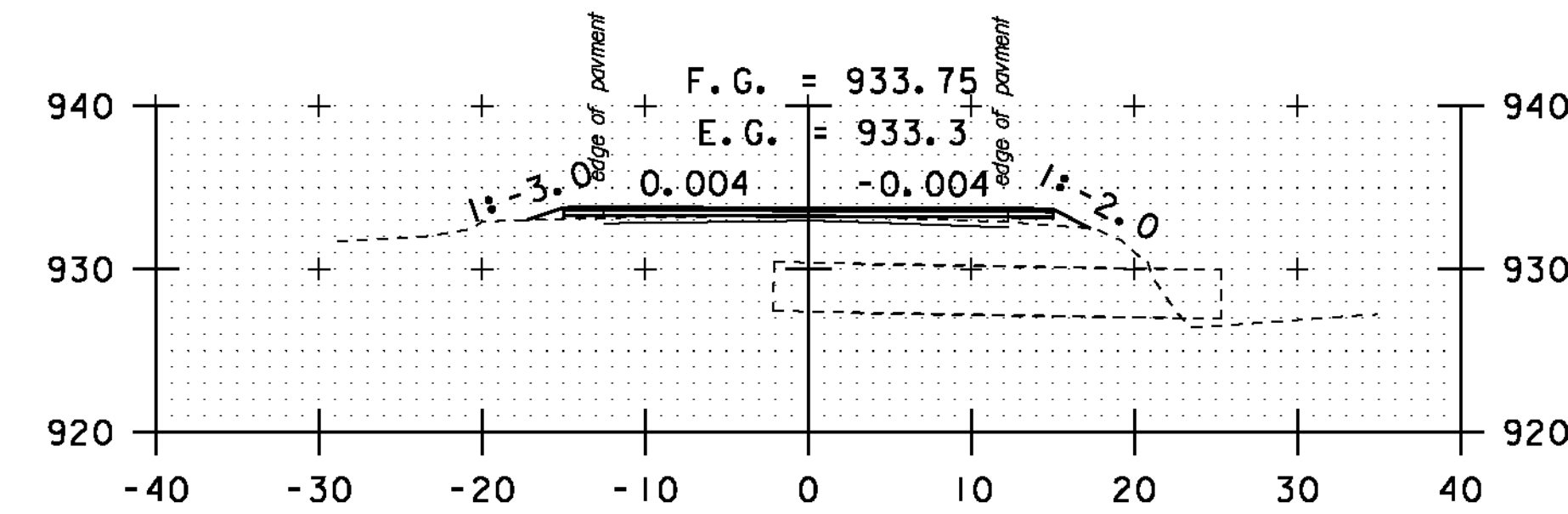
② STA. 99+98.79 RT 17.84' TO
STA. 99+98.83 RT 21.84'
EXTEND 15" CMP (4'-0")
PROPOSED INV. IN = 925.01'
EXISTING INV. IN = 925.08'

STA. 100+00 TO STA. 105+50

SCALE 1" = 10'-0"

**CROSS
SECTION
SHEET 20**

PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(1)
FILE NAME: p10CI90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10CI90.134.1
PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: CDL
SHEET 134 OF 178



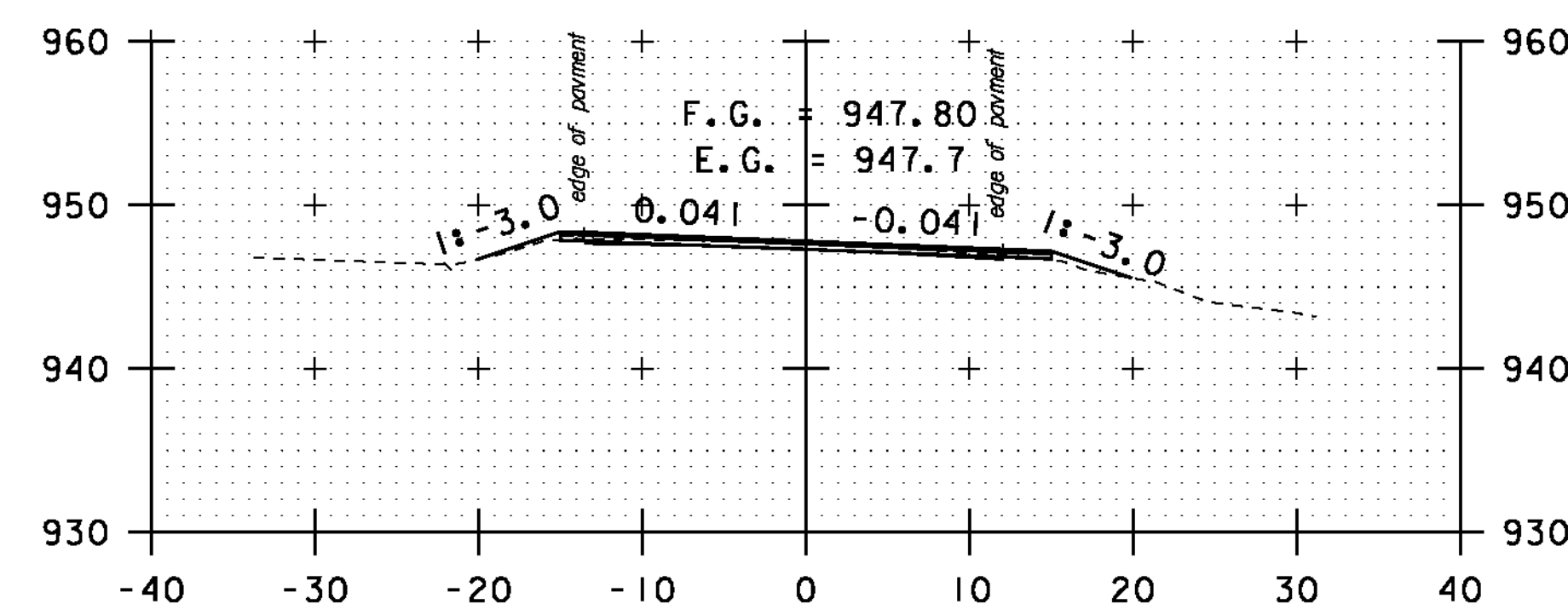
DRIVE RT
110+00

STA. 106+00 TO STA. 111+50

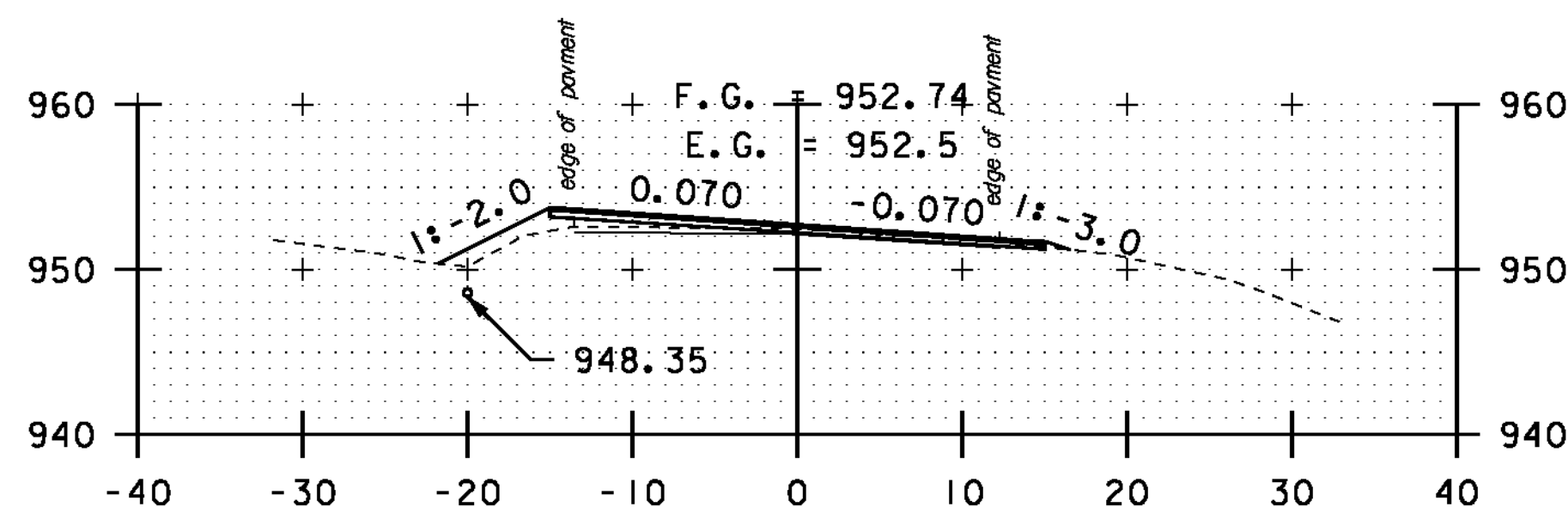
SCALE 1" = 10'-0"

**CROSS
SECTION
SHEET 21**

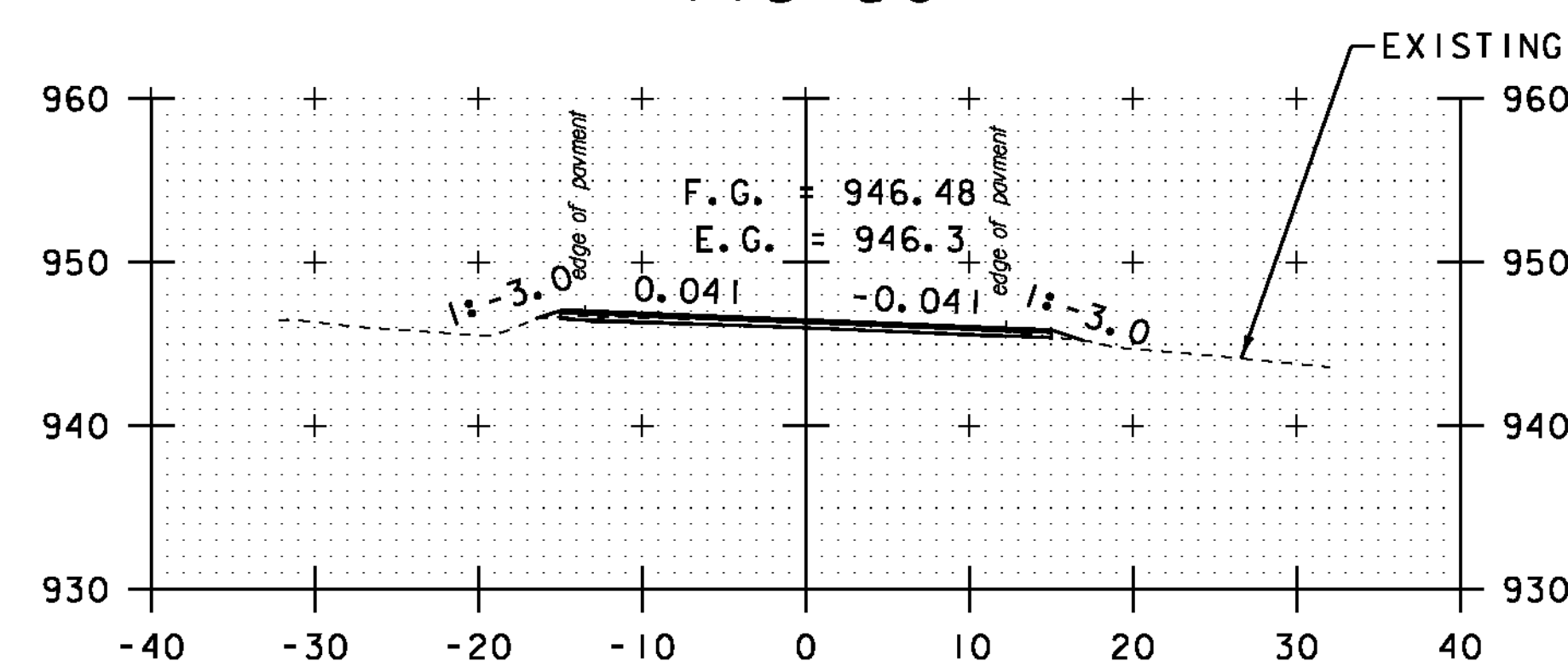
PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(1)
FILE NAME: p10CI90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10CI90.135.1
PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: CDL
SHEET 135 OF 178



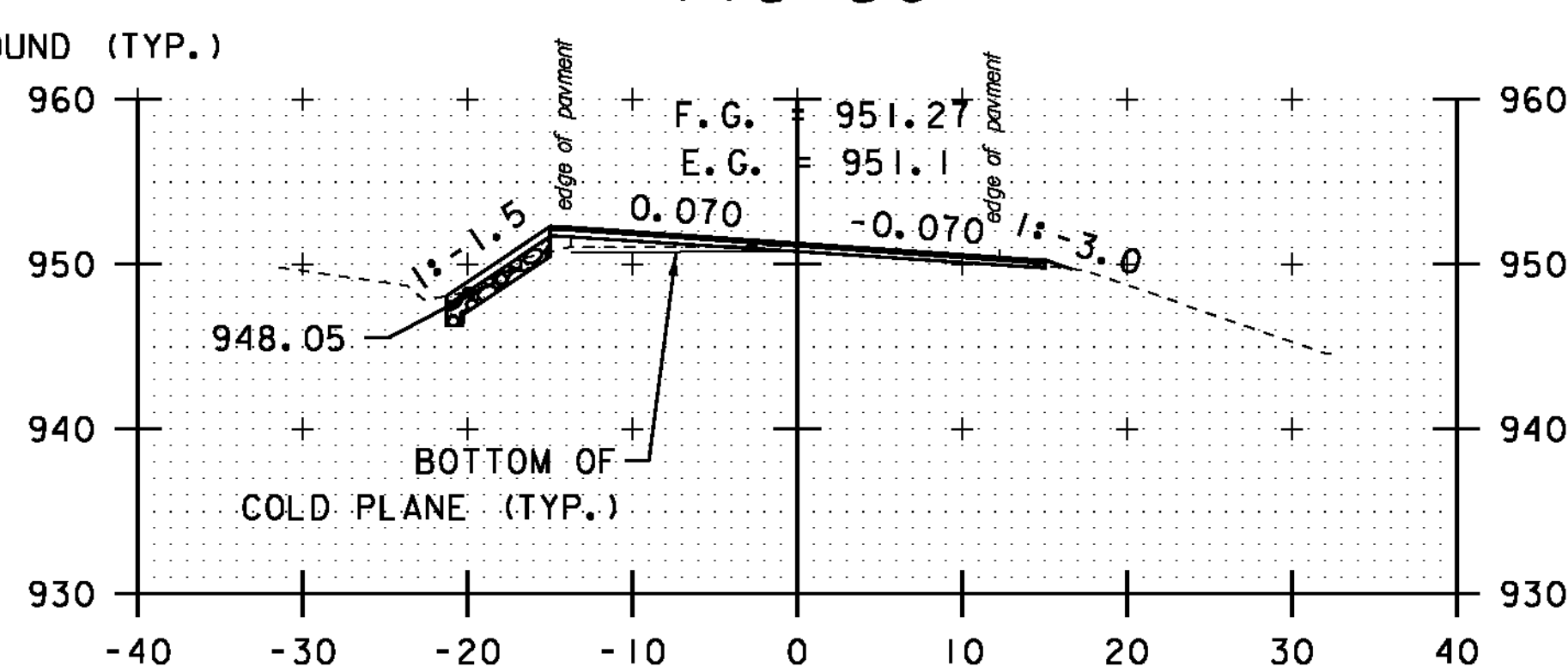
113+50



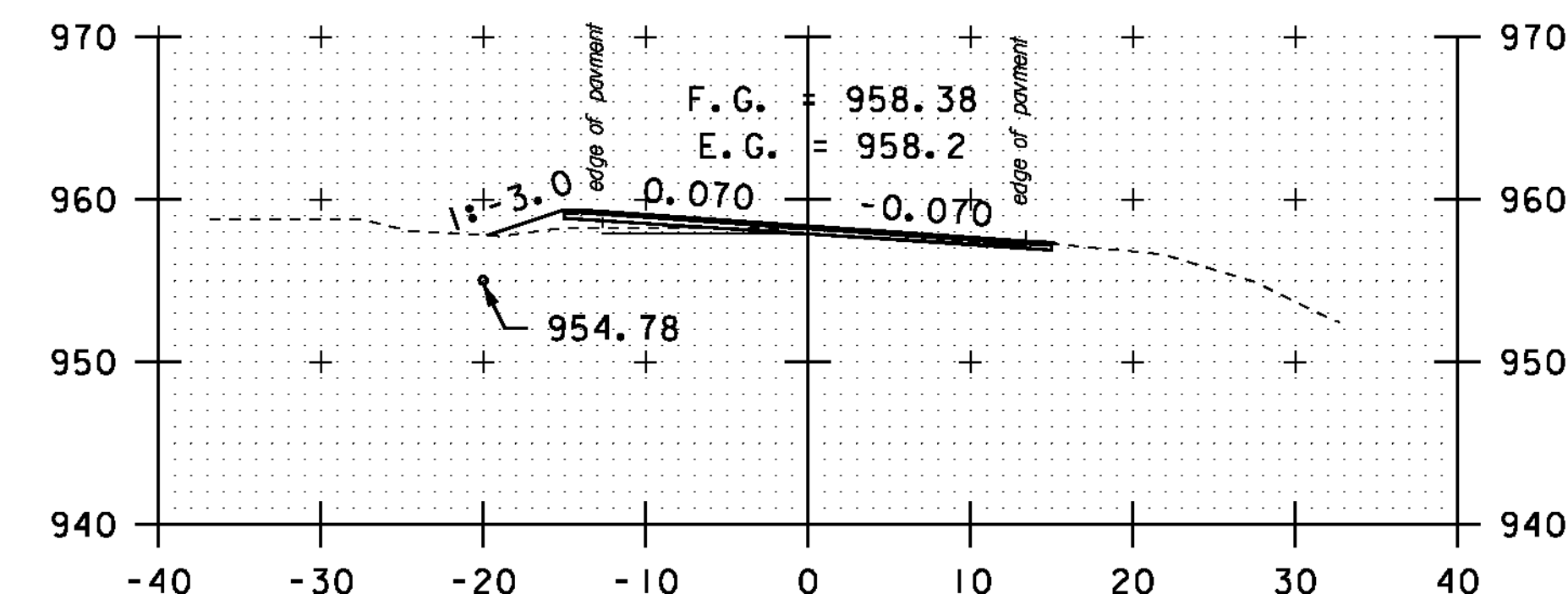
115+50



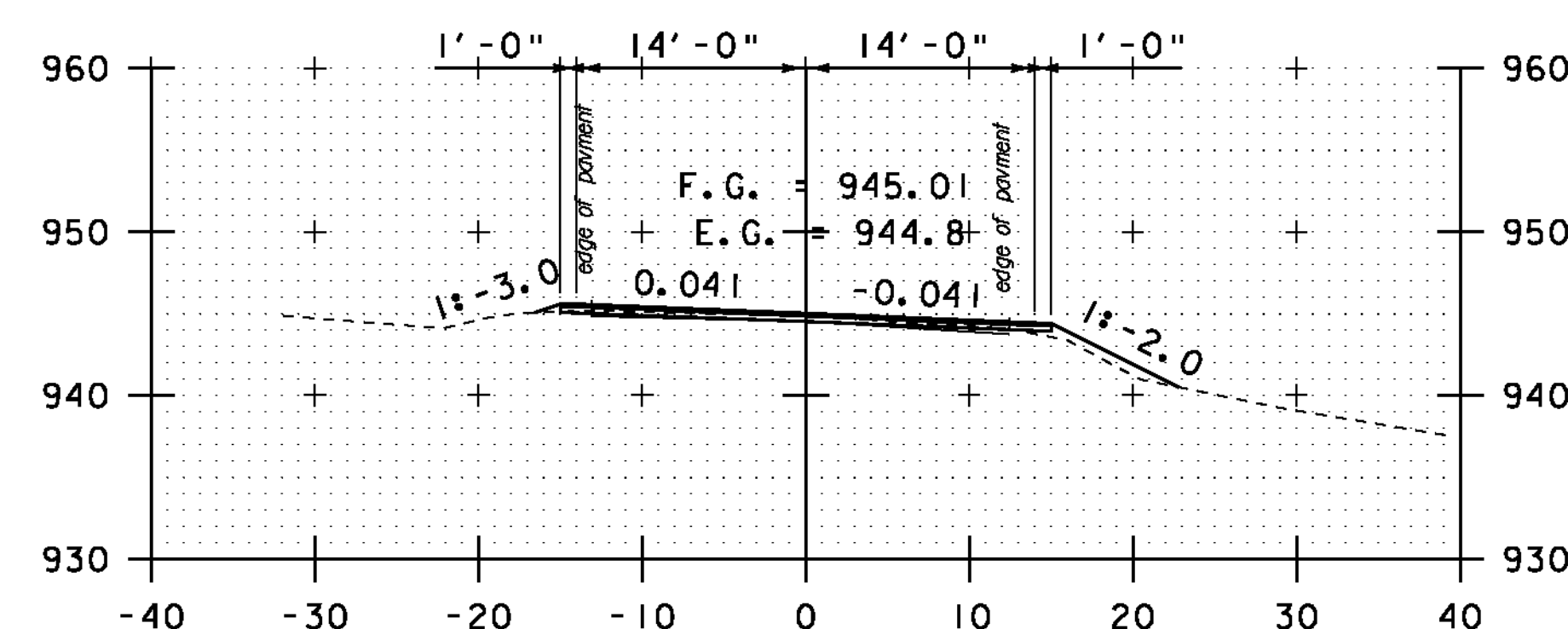
113+00



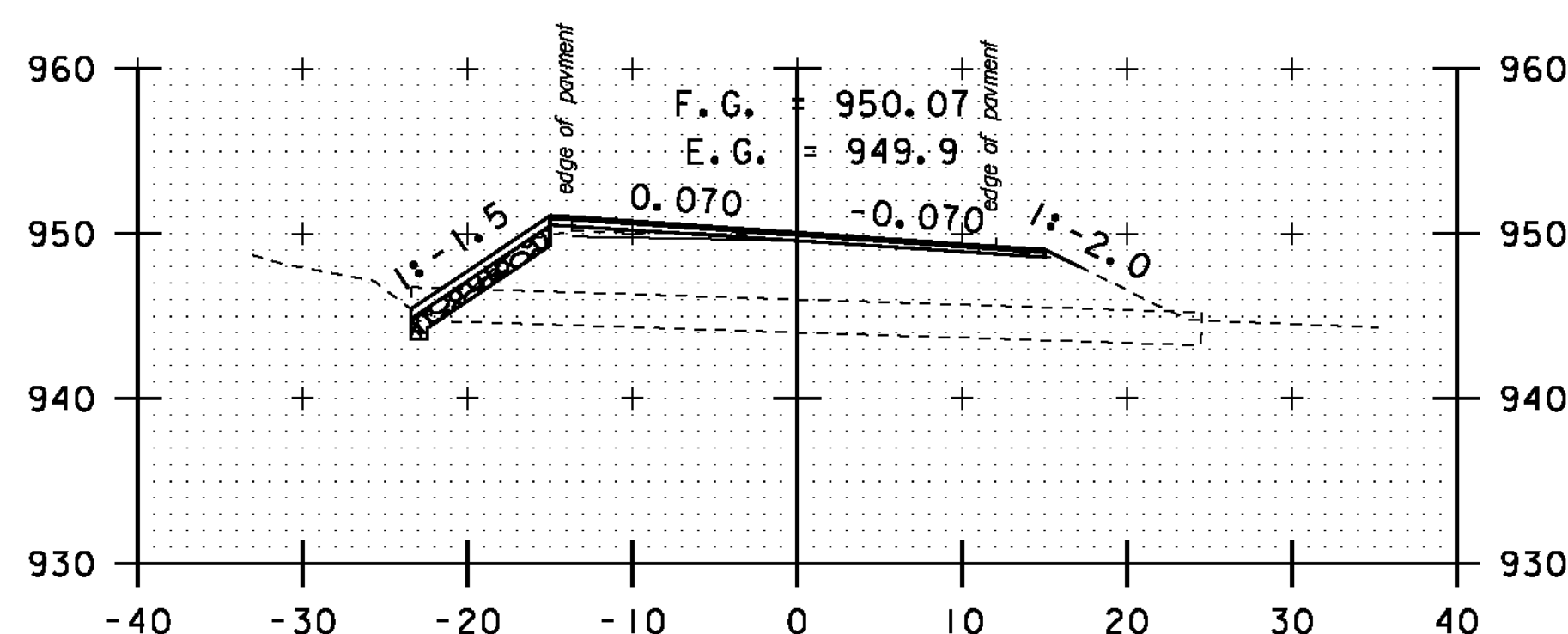
115+00



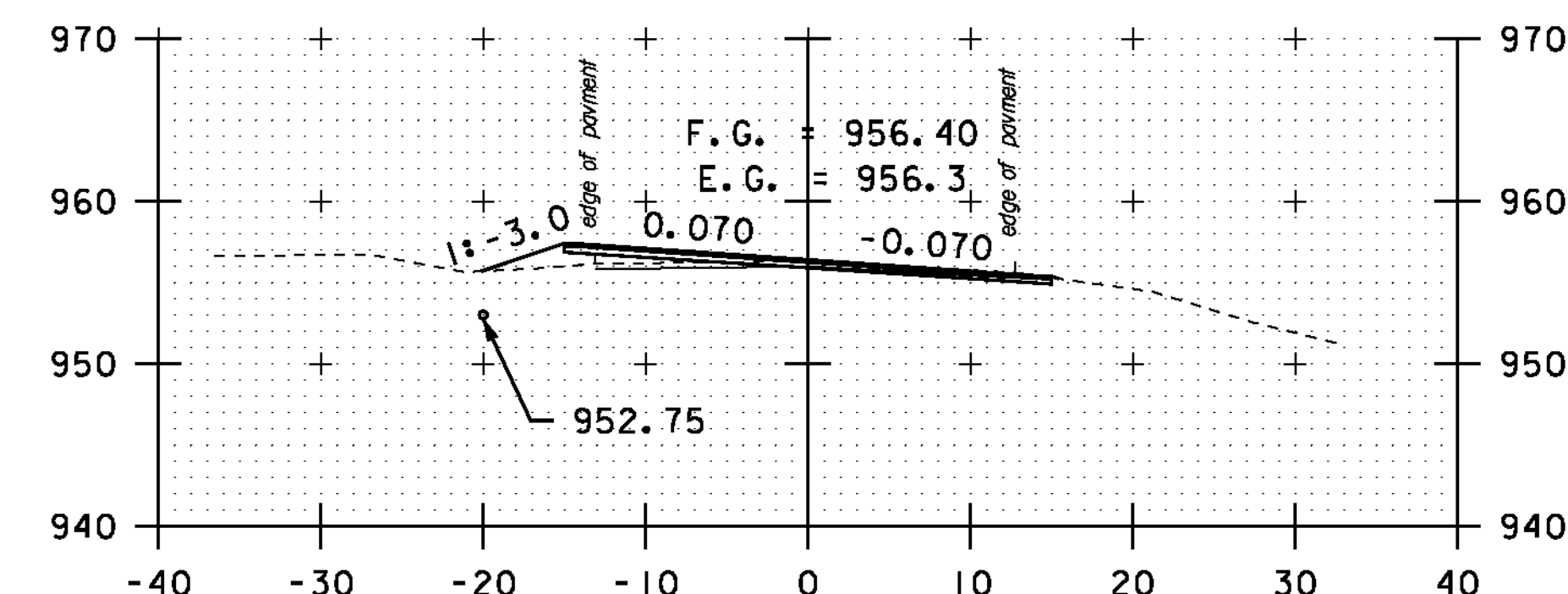
117+00



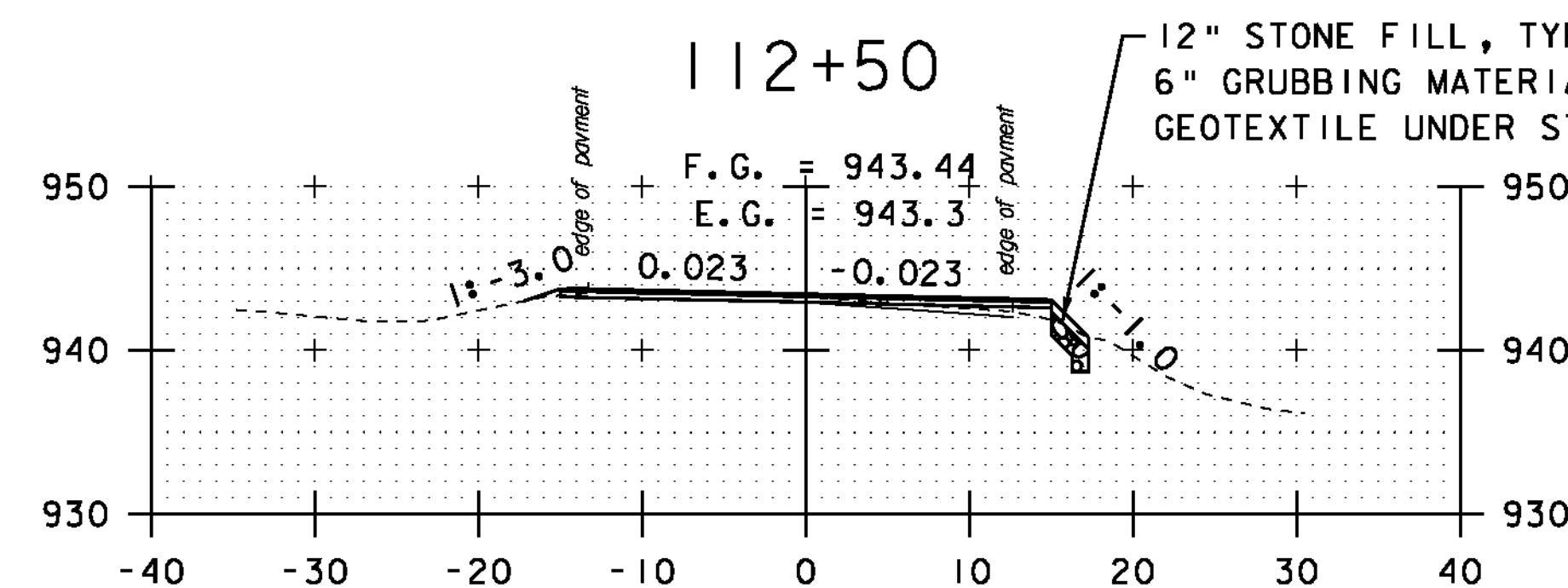
112+00



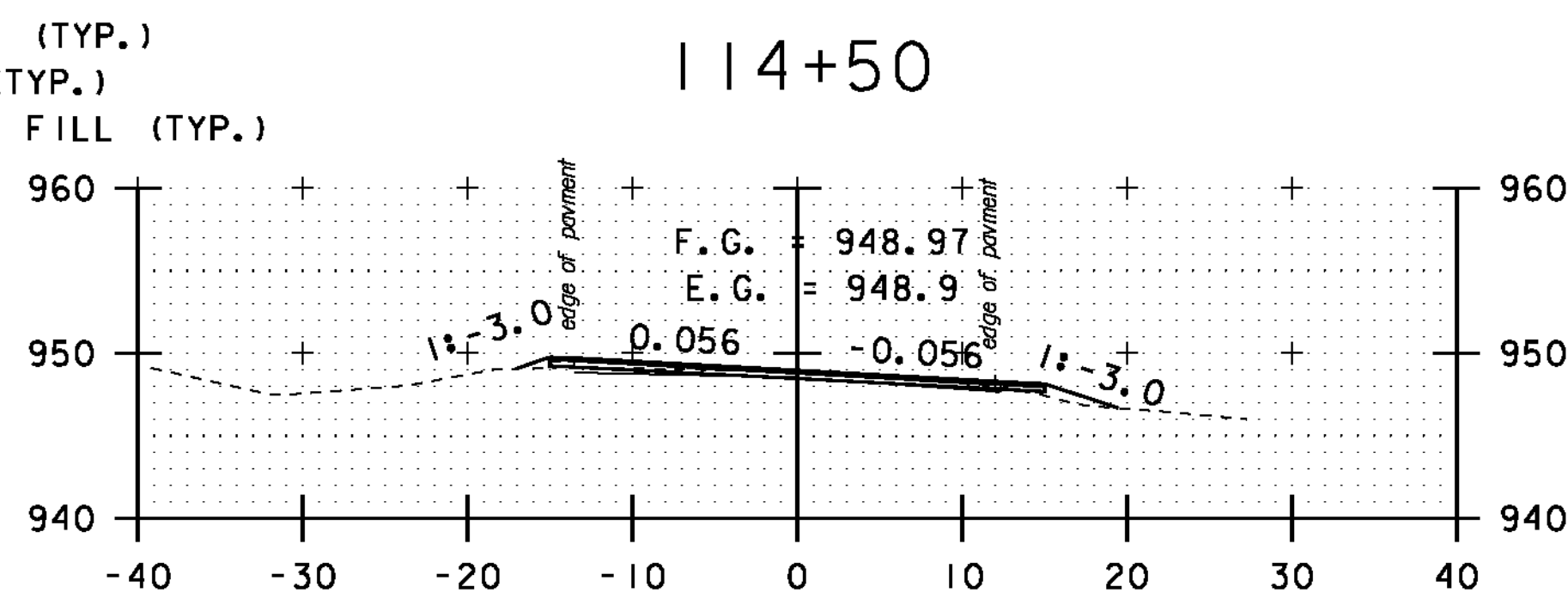
114+00



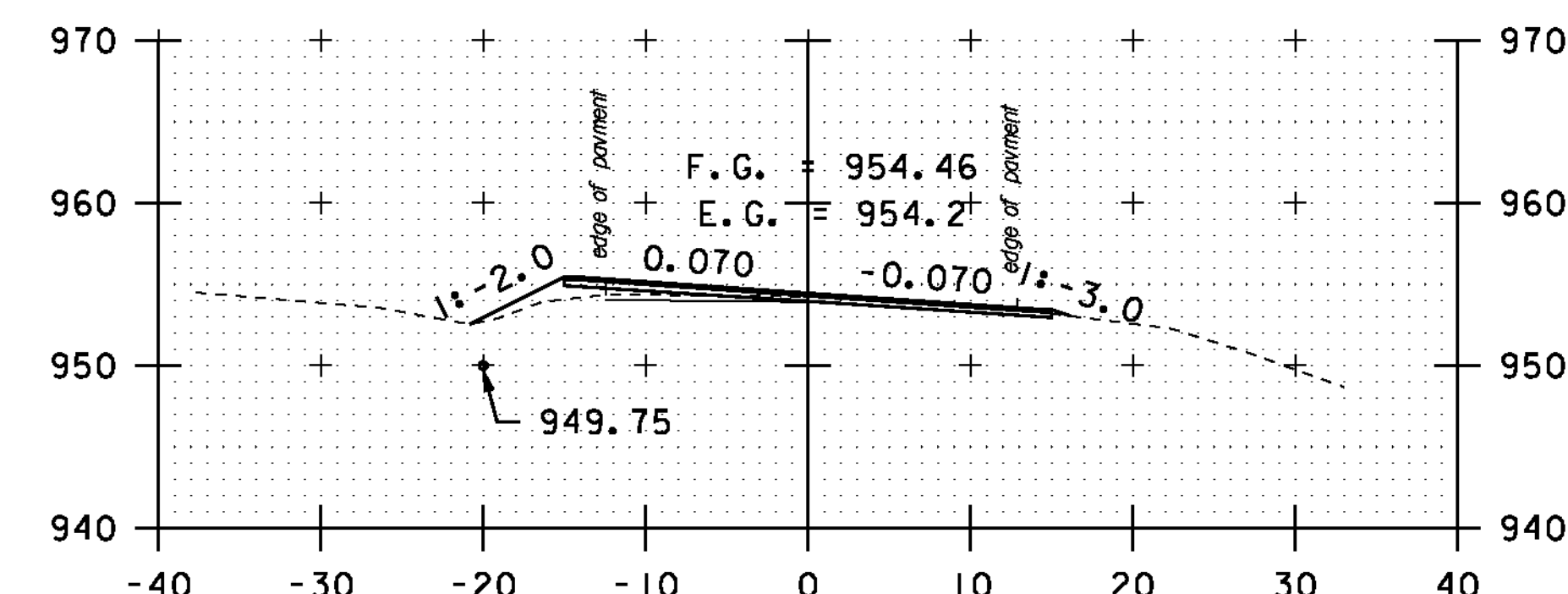
116+50



12" STONE FILL, TYPE I (TYP.)
6" GRUBBING MATERIAL (TYP.)
GEOTEXTILE UNDER STONE FILL (TYP.)



114+50



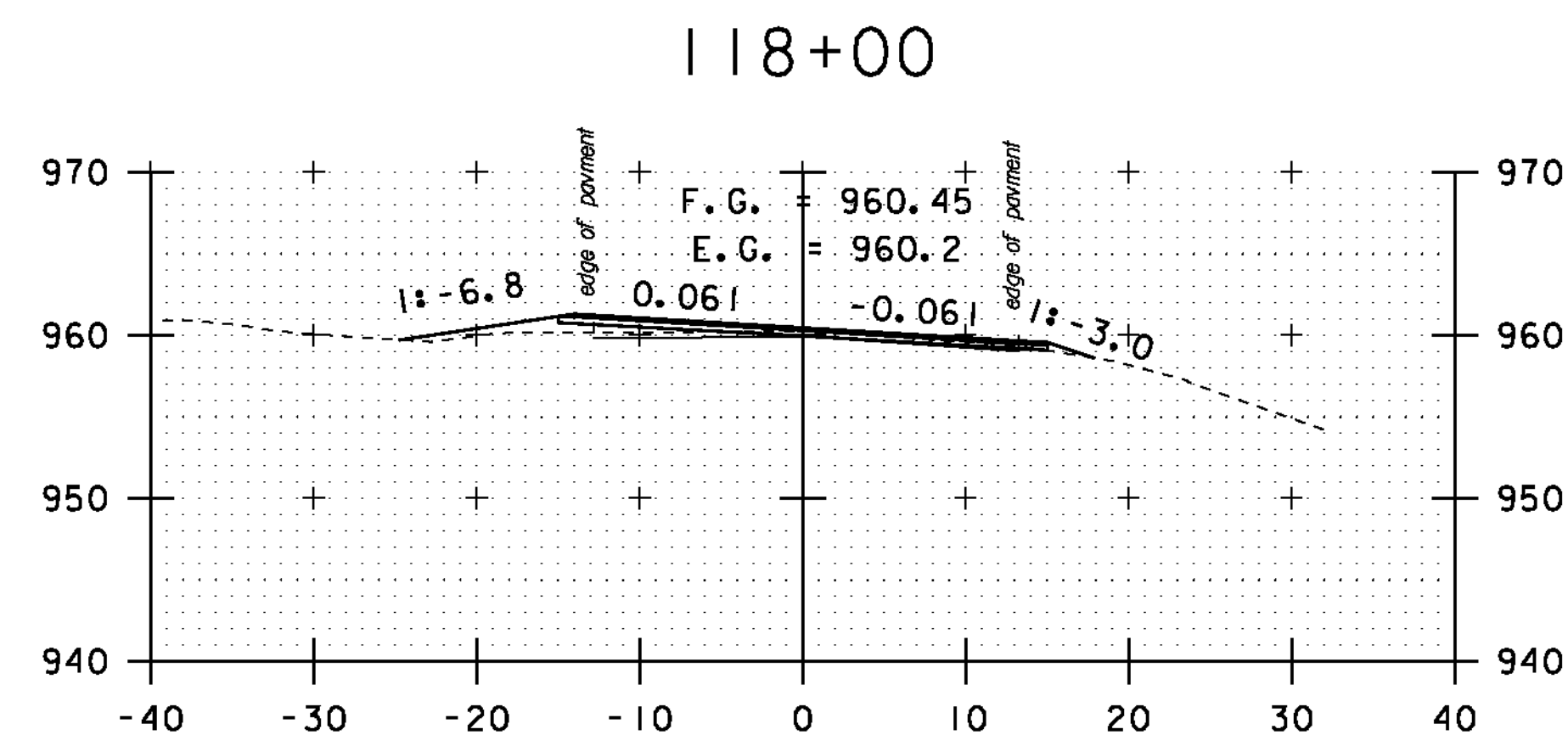
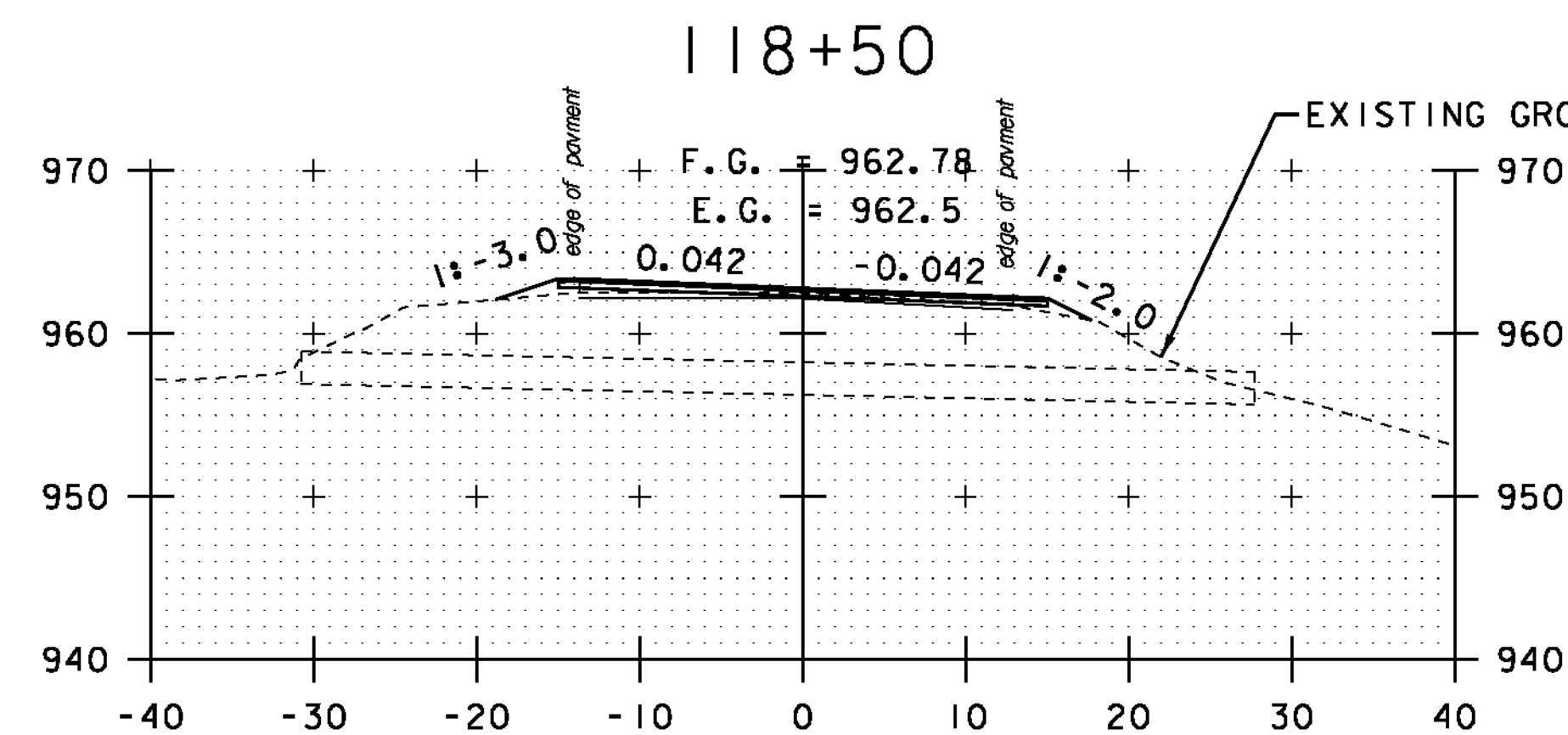
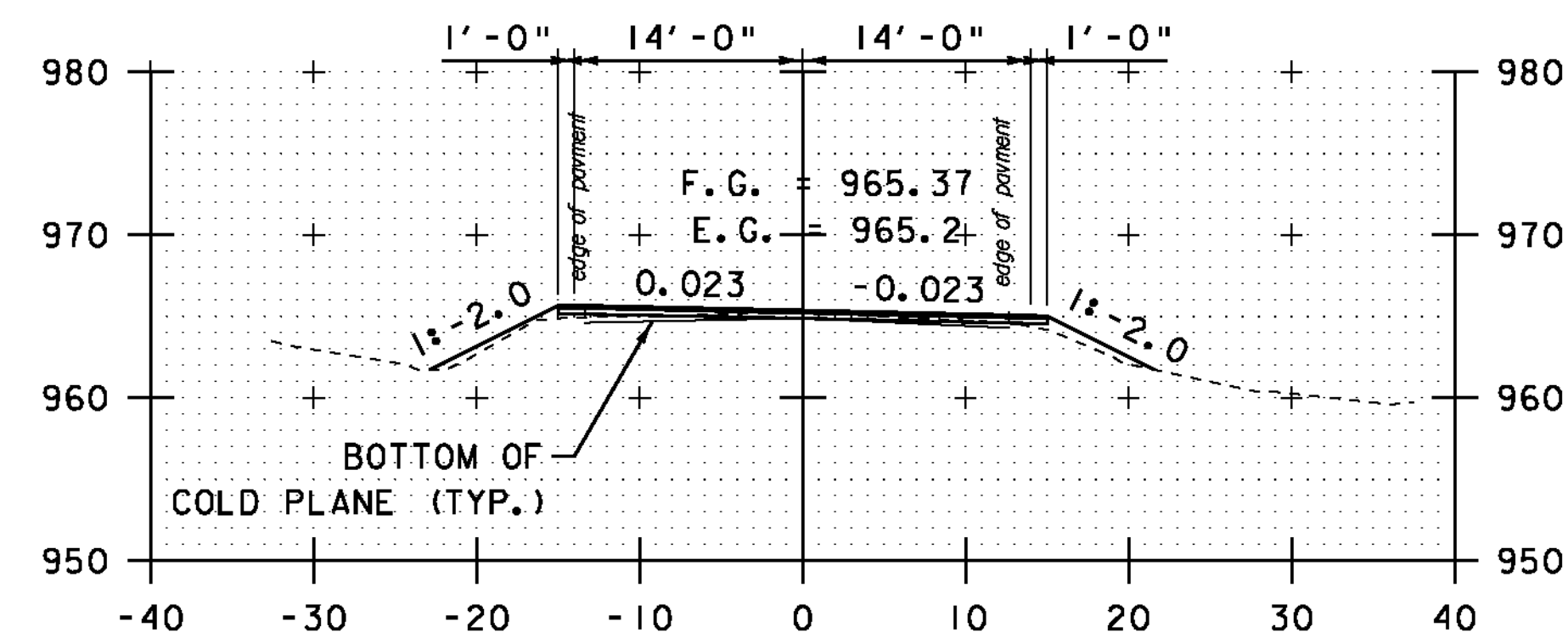
116+00

STA. 112+00 TO STA. 117+00

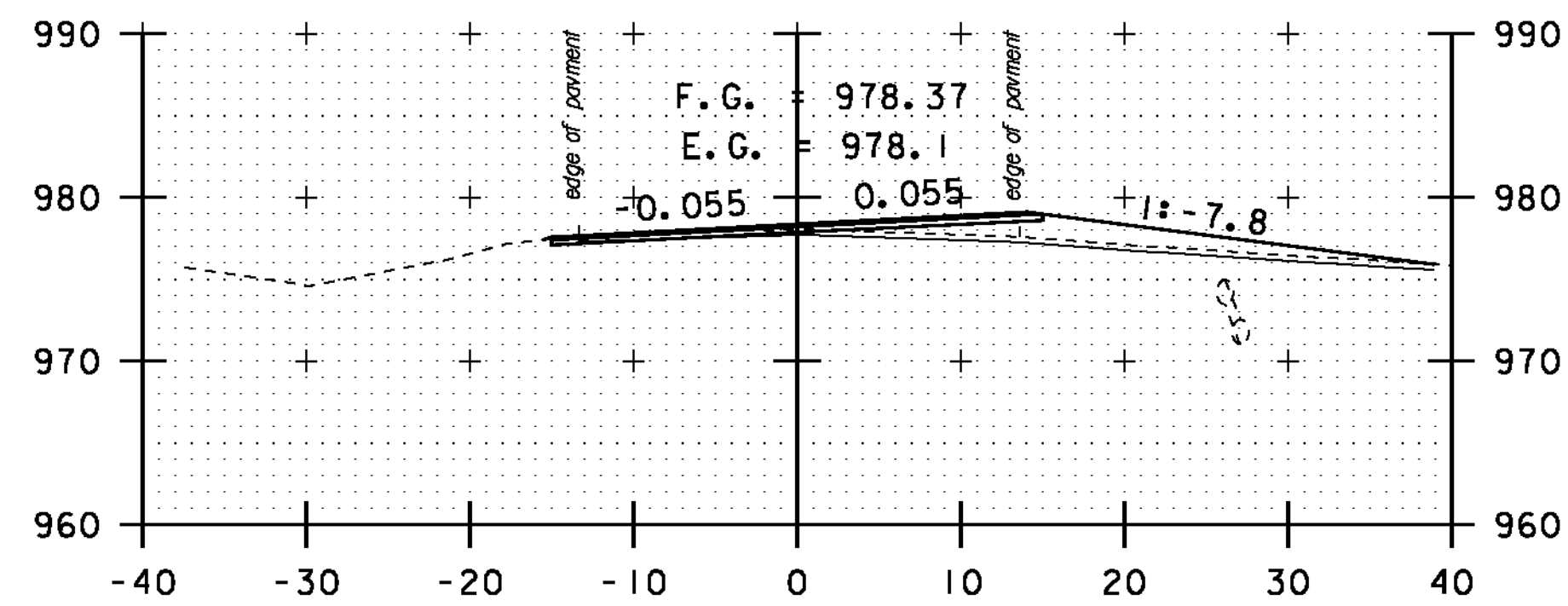
SCALE 1" = 10'-0"

**CROSS
SECTION
SHEET 22**

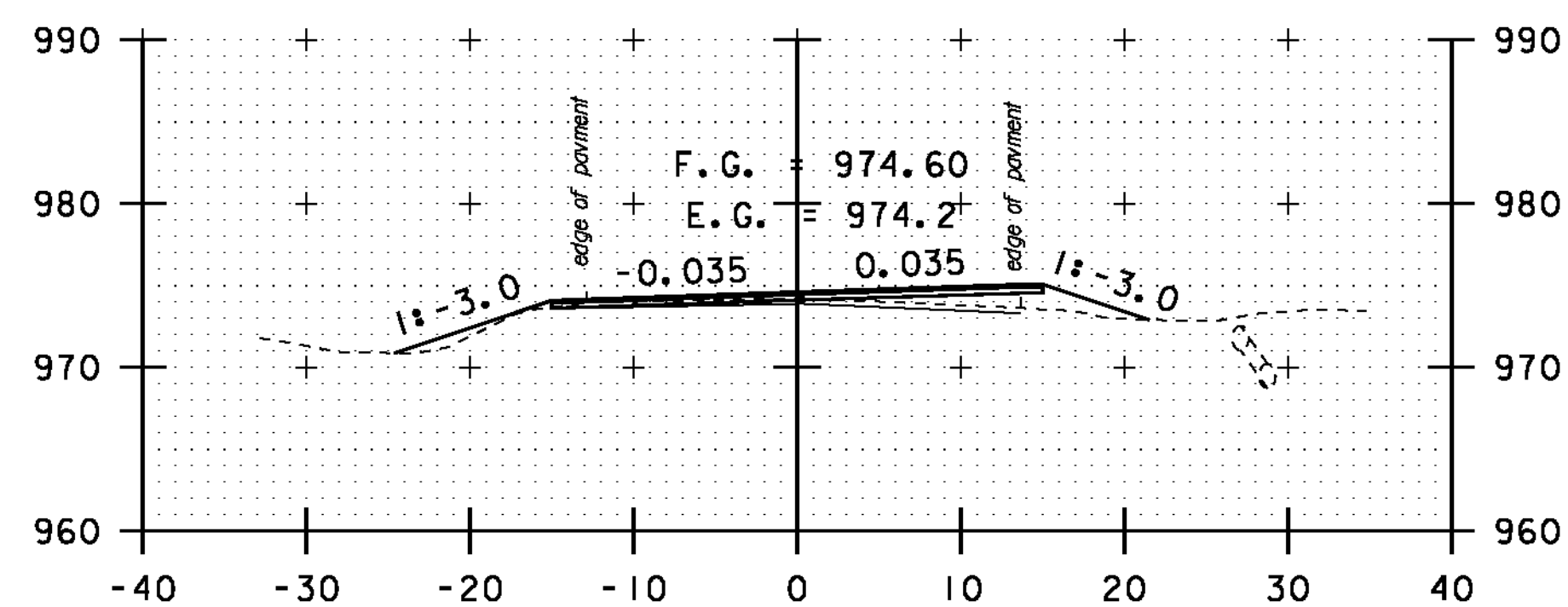
PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(1)
FILE NAME: p10CI90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10CI90.136.1
PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: CDL
SHEET 136 OF 178



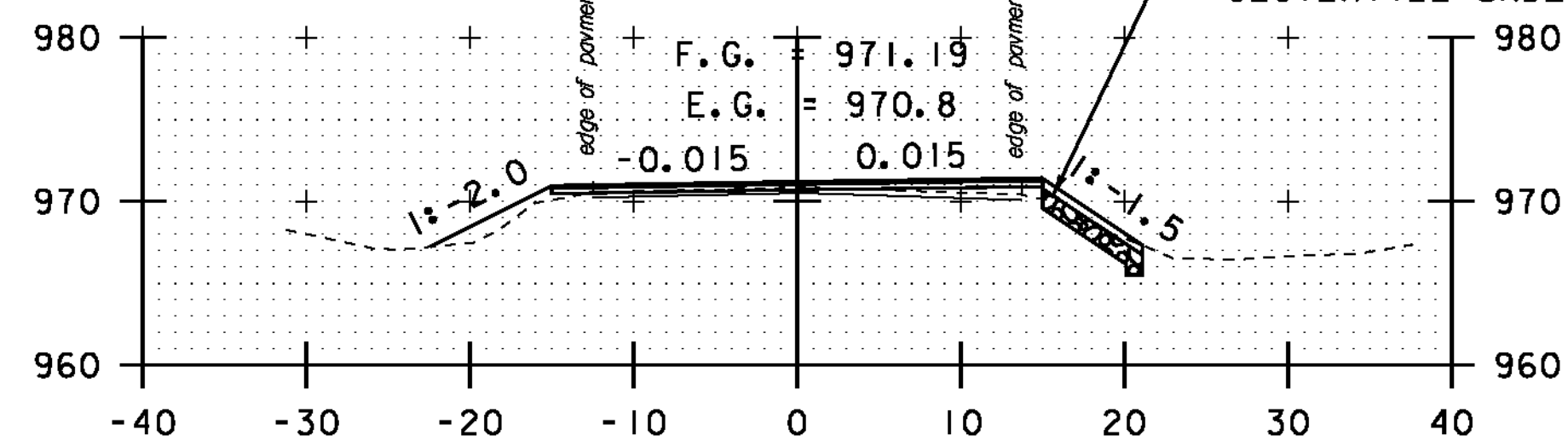
DRIVE LT
117+50



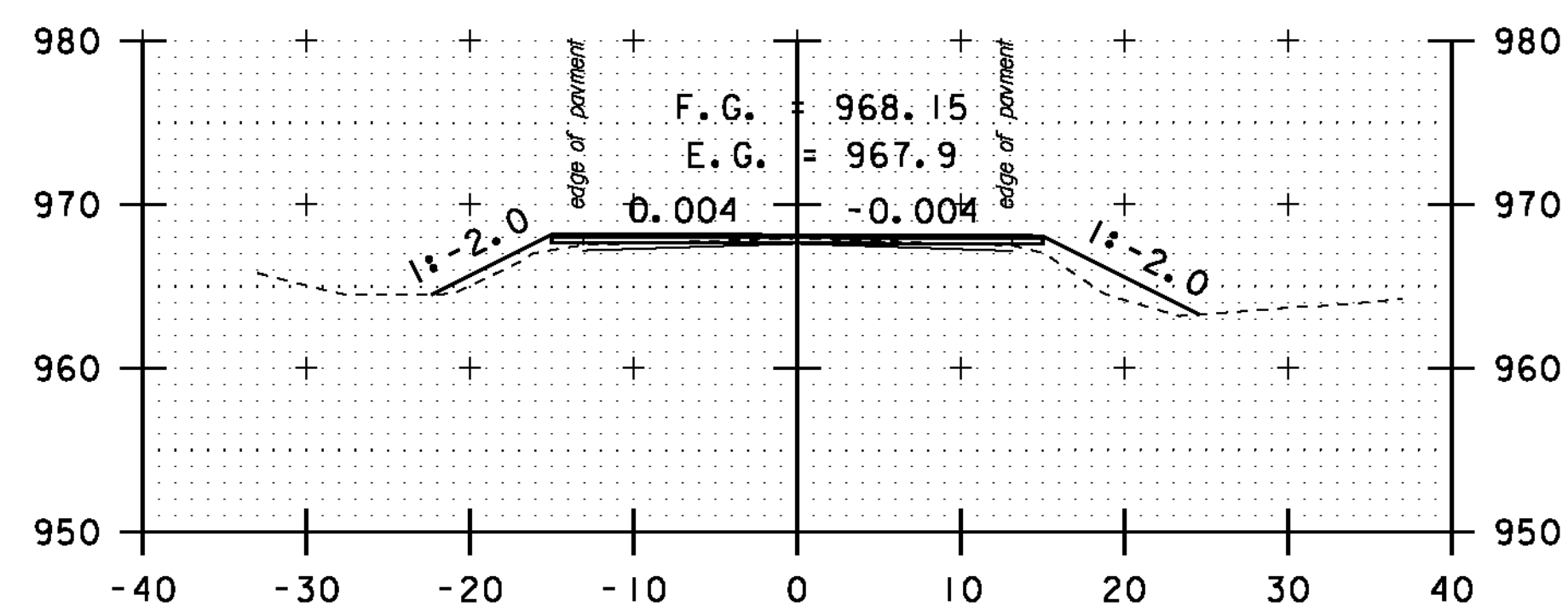
TH #19 RT
120+50



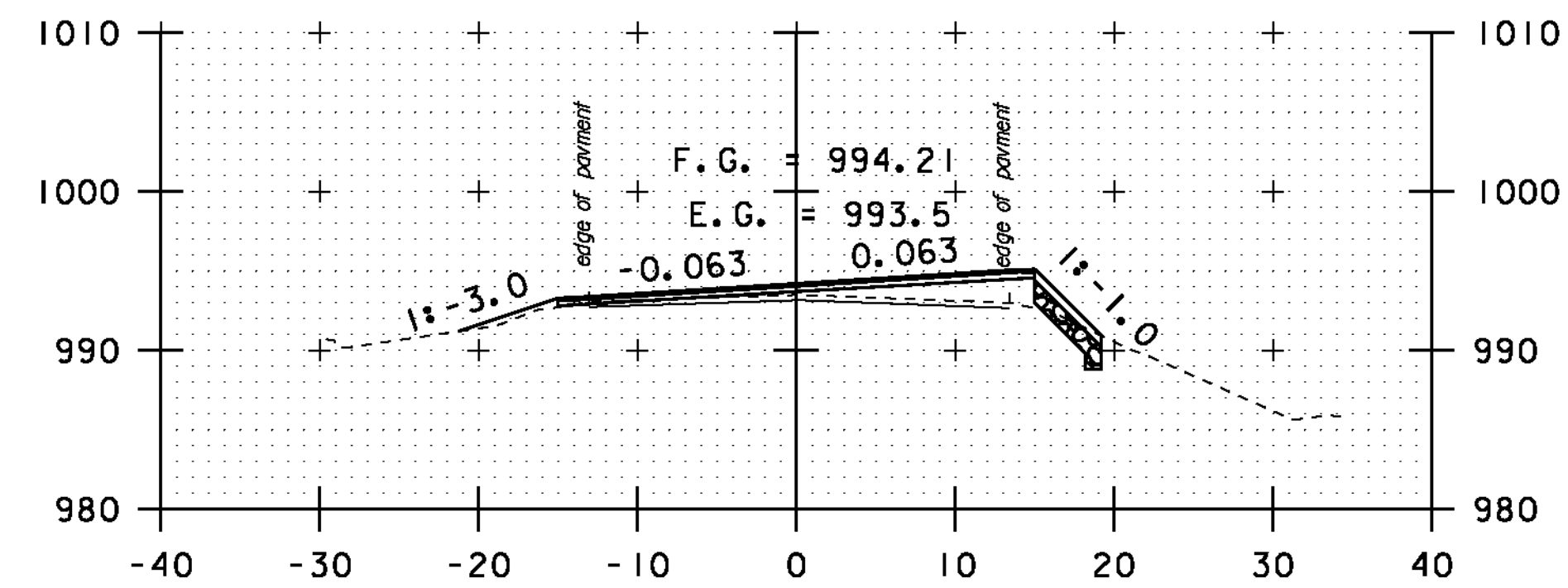
120+00



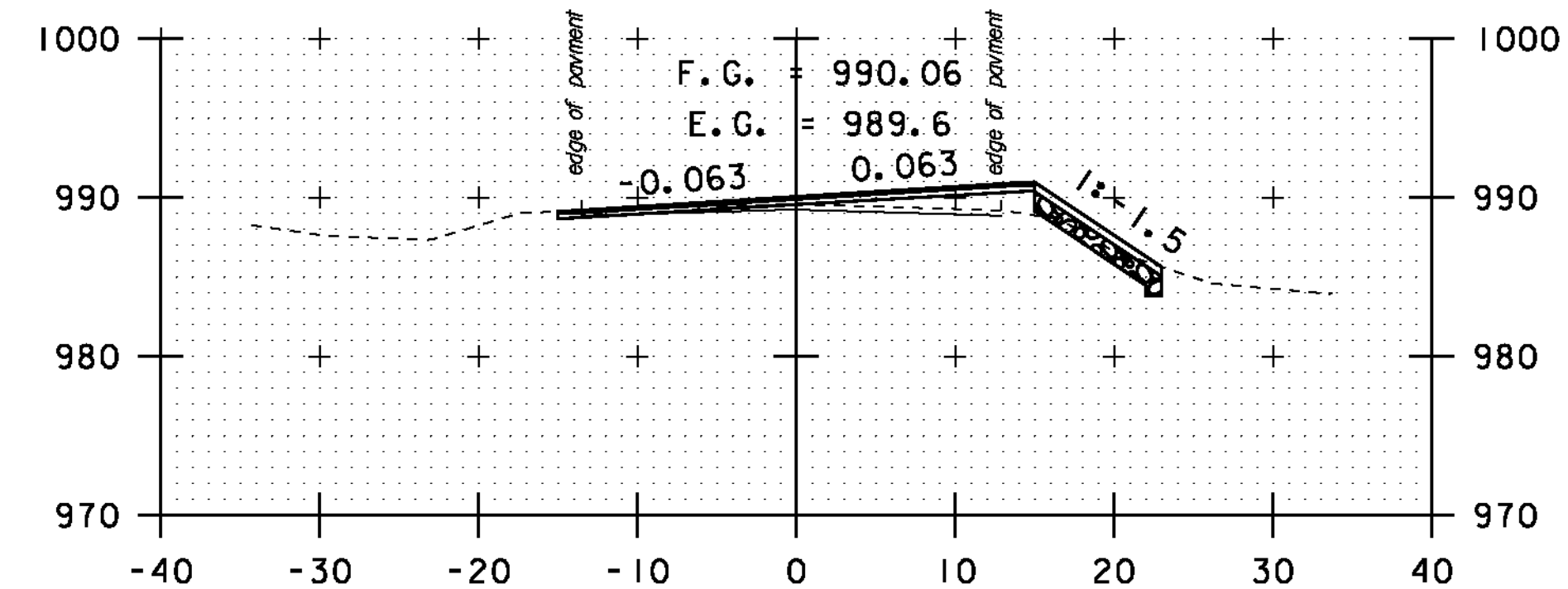
119+50



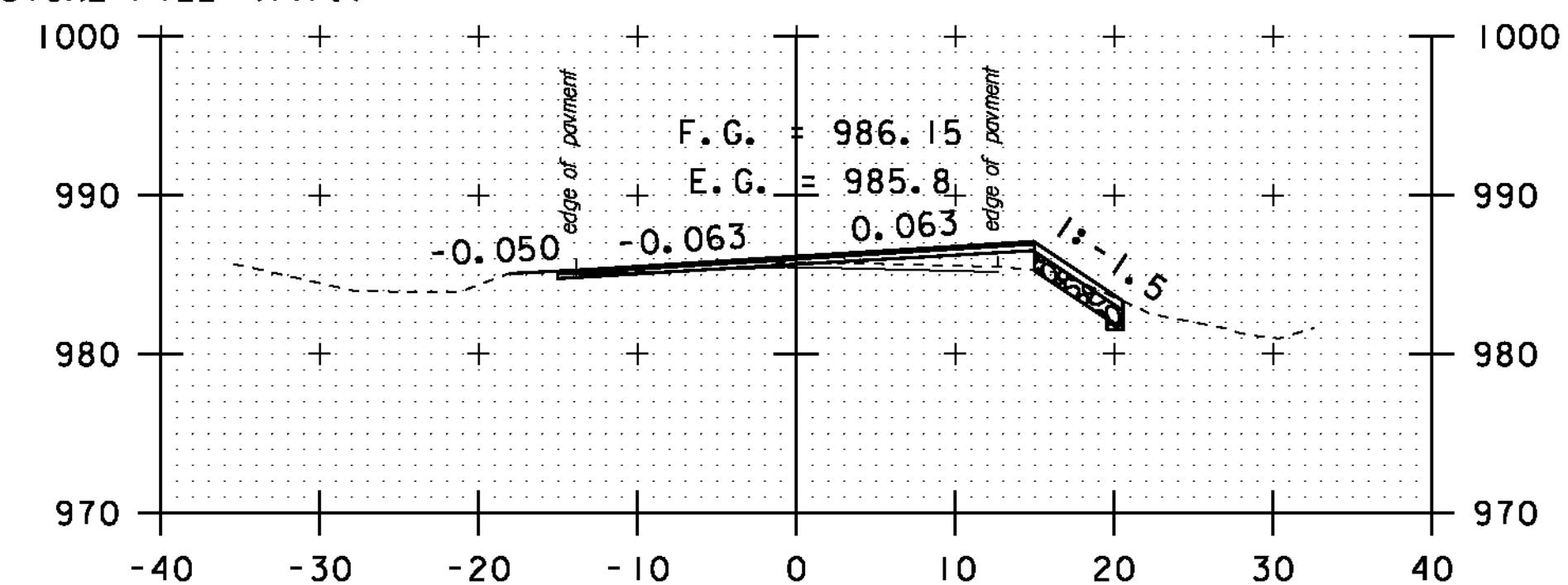
119+00



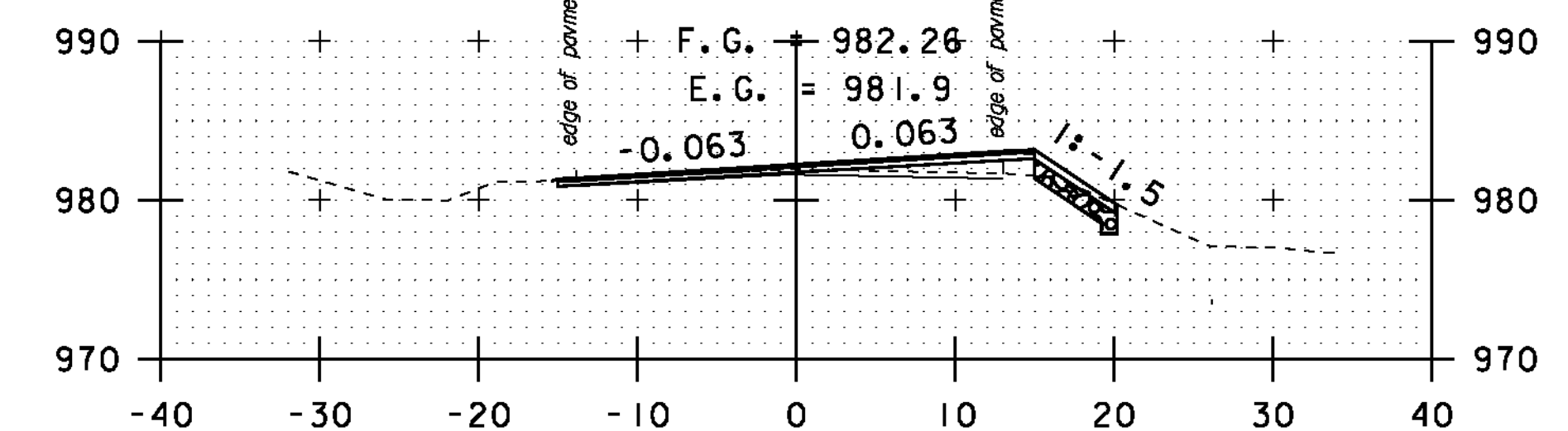
122+50



122+00



121+50



121+00

STA. 117+50 TO STA. 122+50

SCALE 1" = 10'-0"

**CROSS
SECTION
SHEET 23**

PROJECT NAME: MONTGOMERY-WESTFIELD

PROJECT NUMBER: STP 2906(I)

FILE NAME: p10ci90.dgn

PROJECT LEADER: CDL

DESIGNED BY: SJL

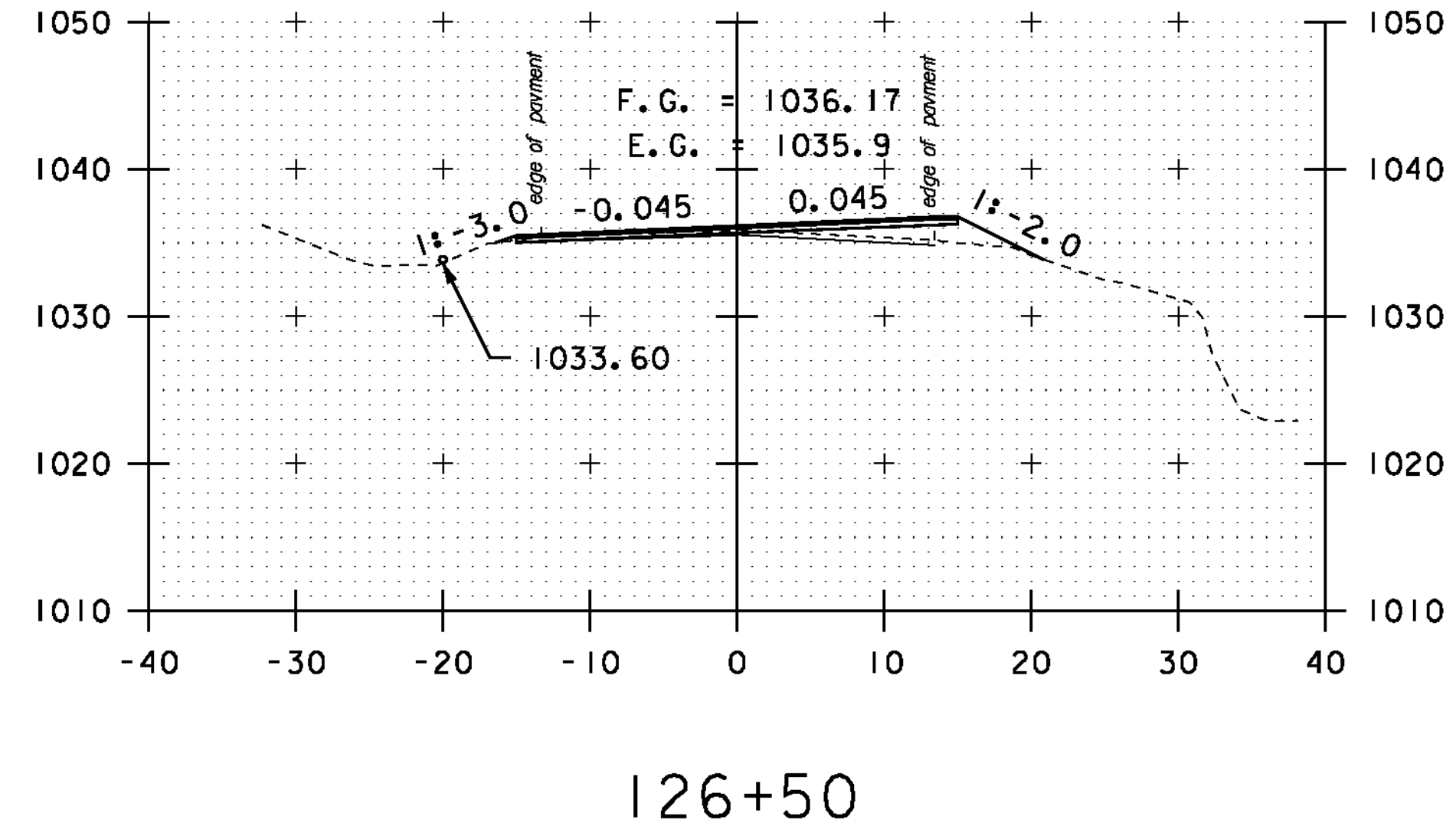
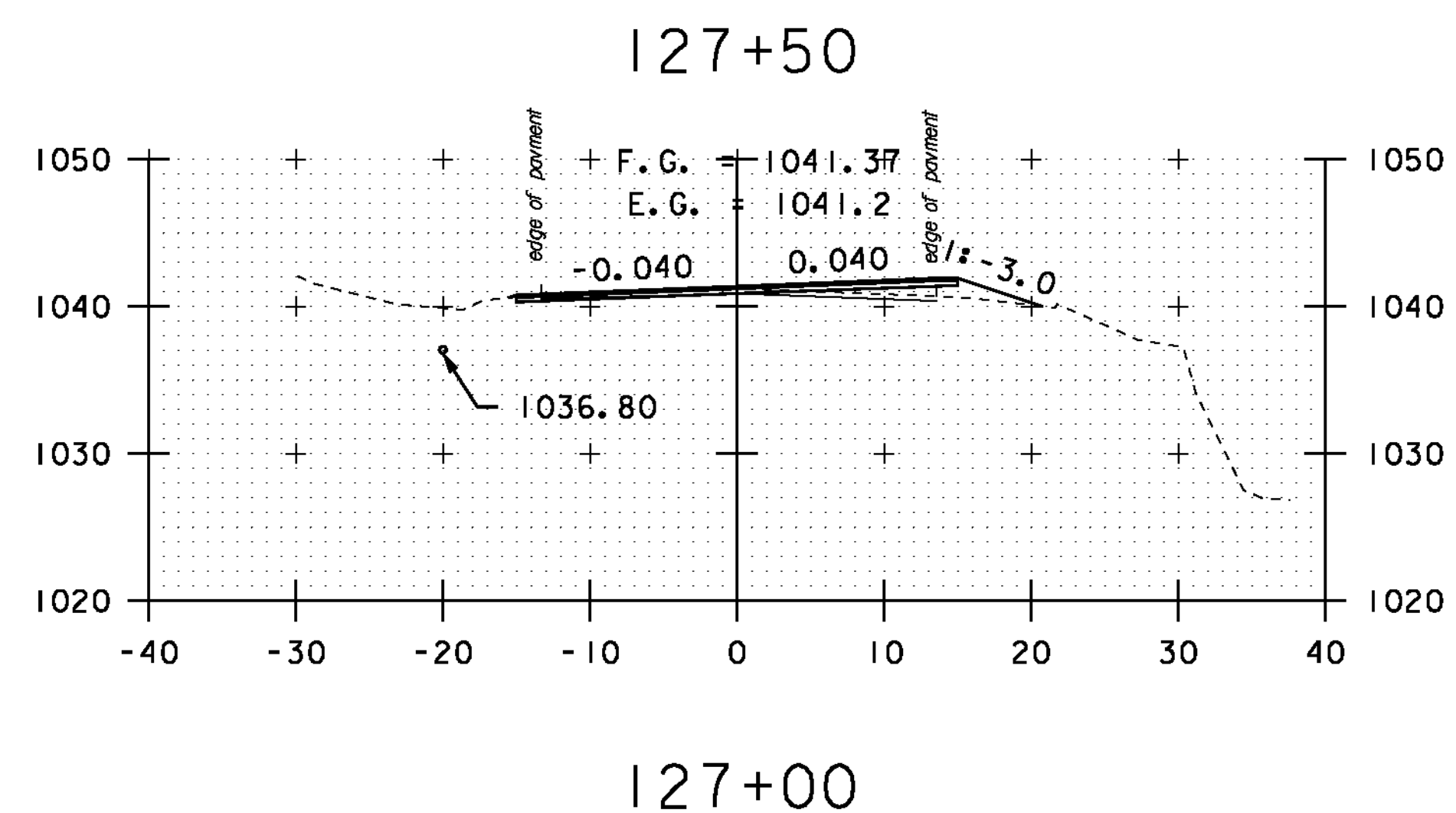
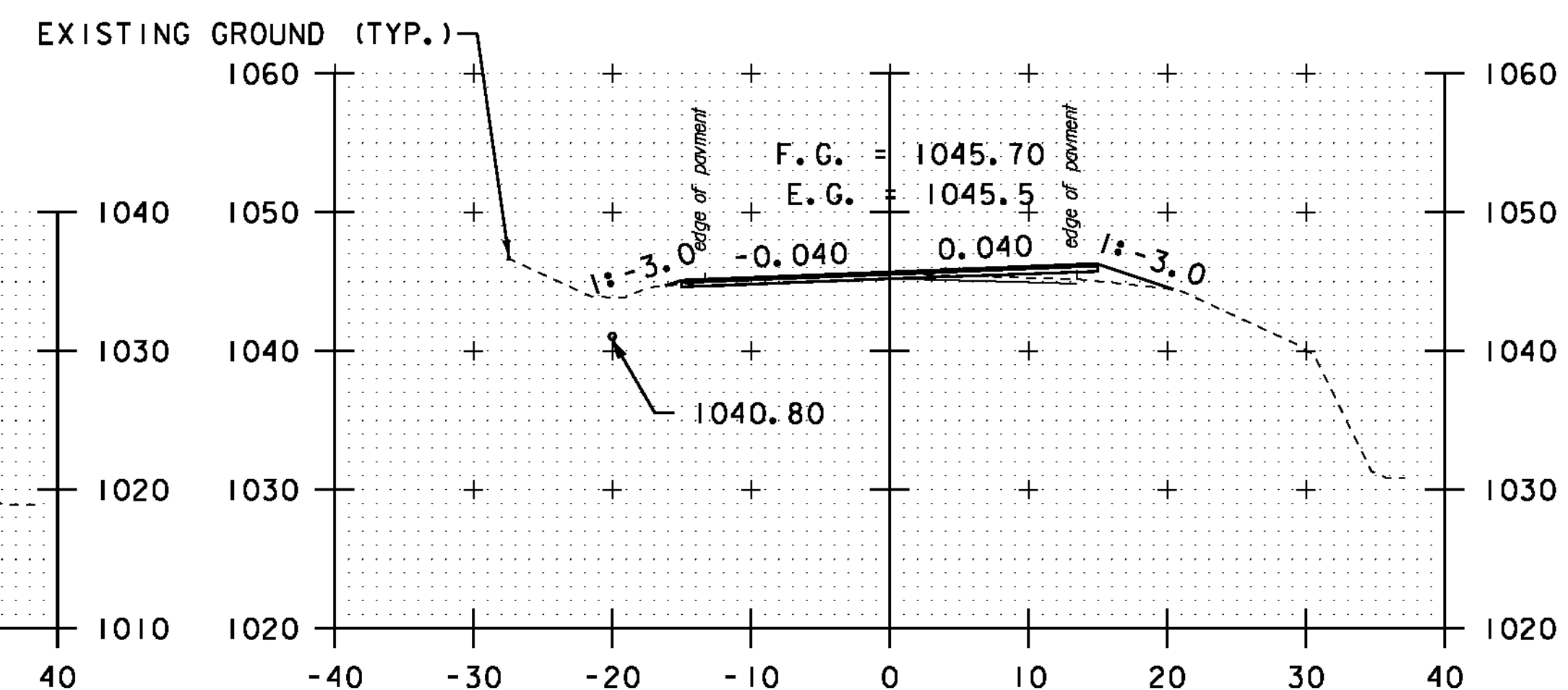
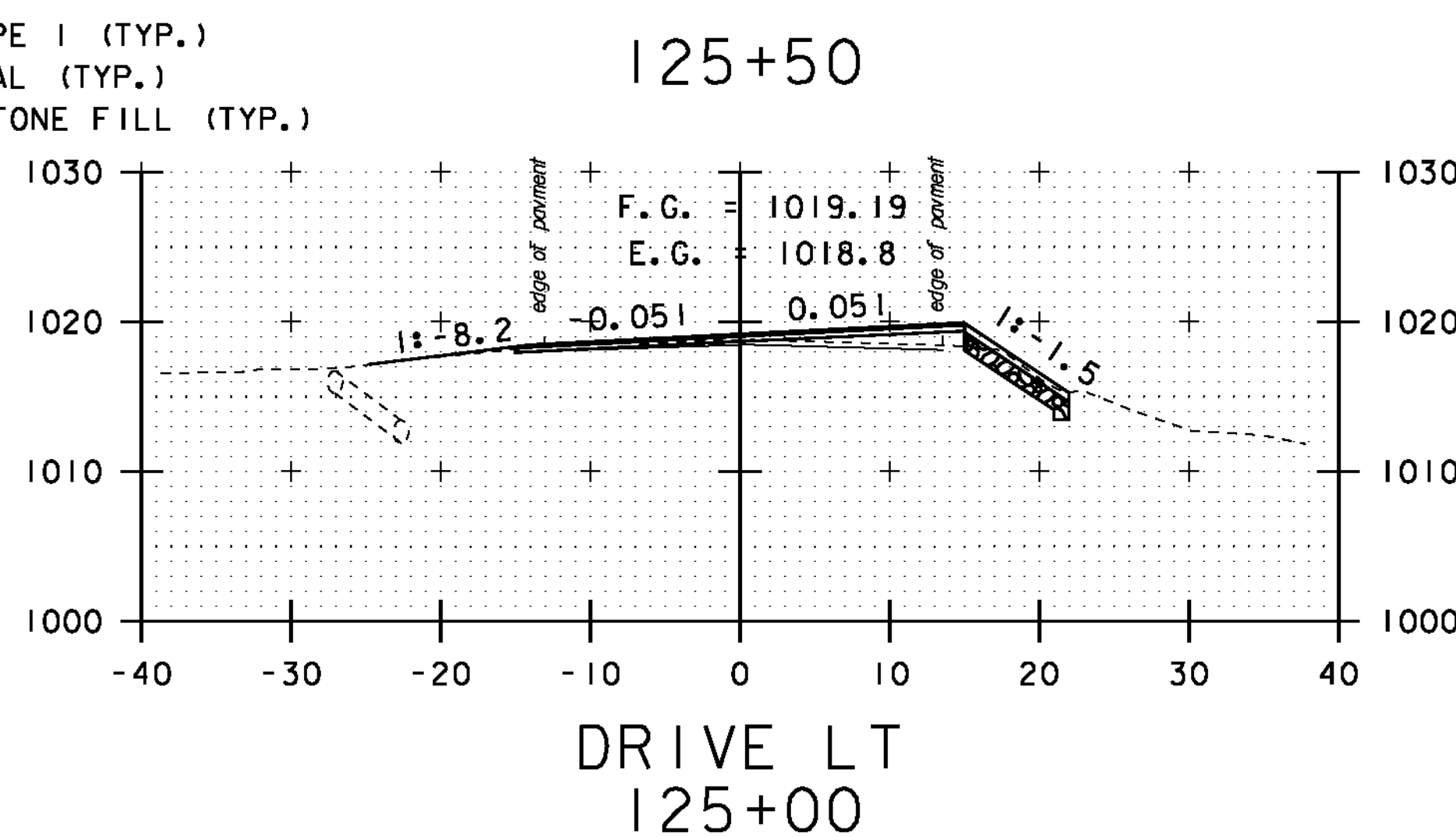
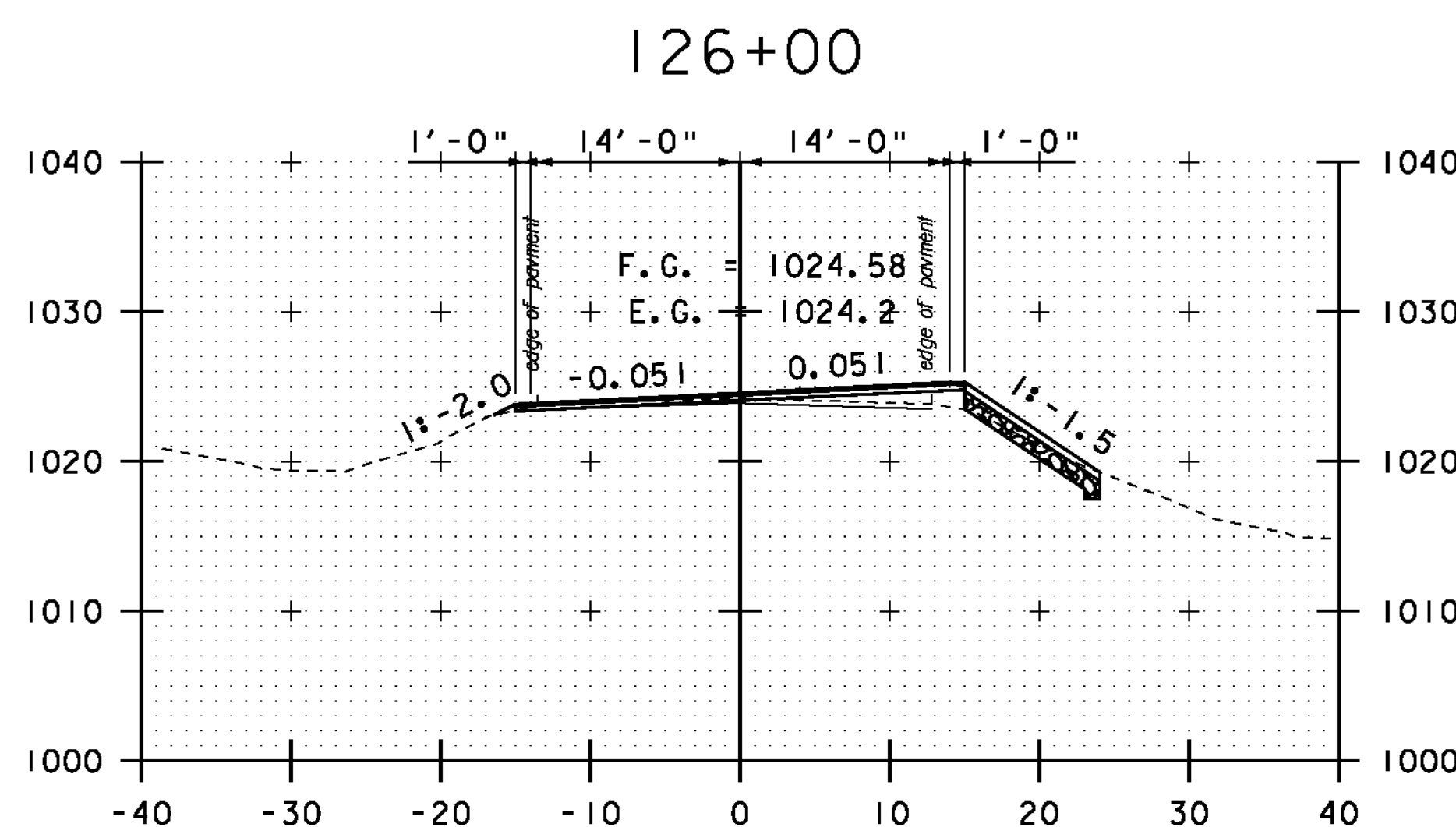
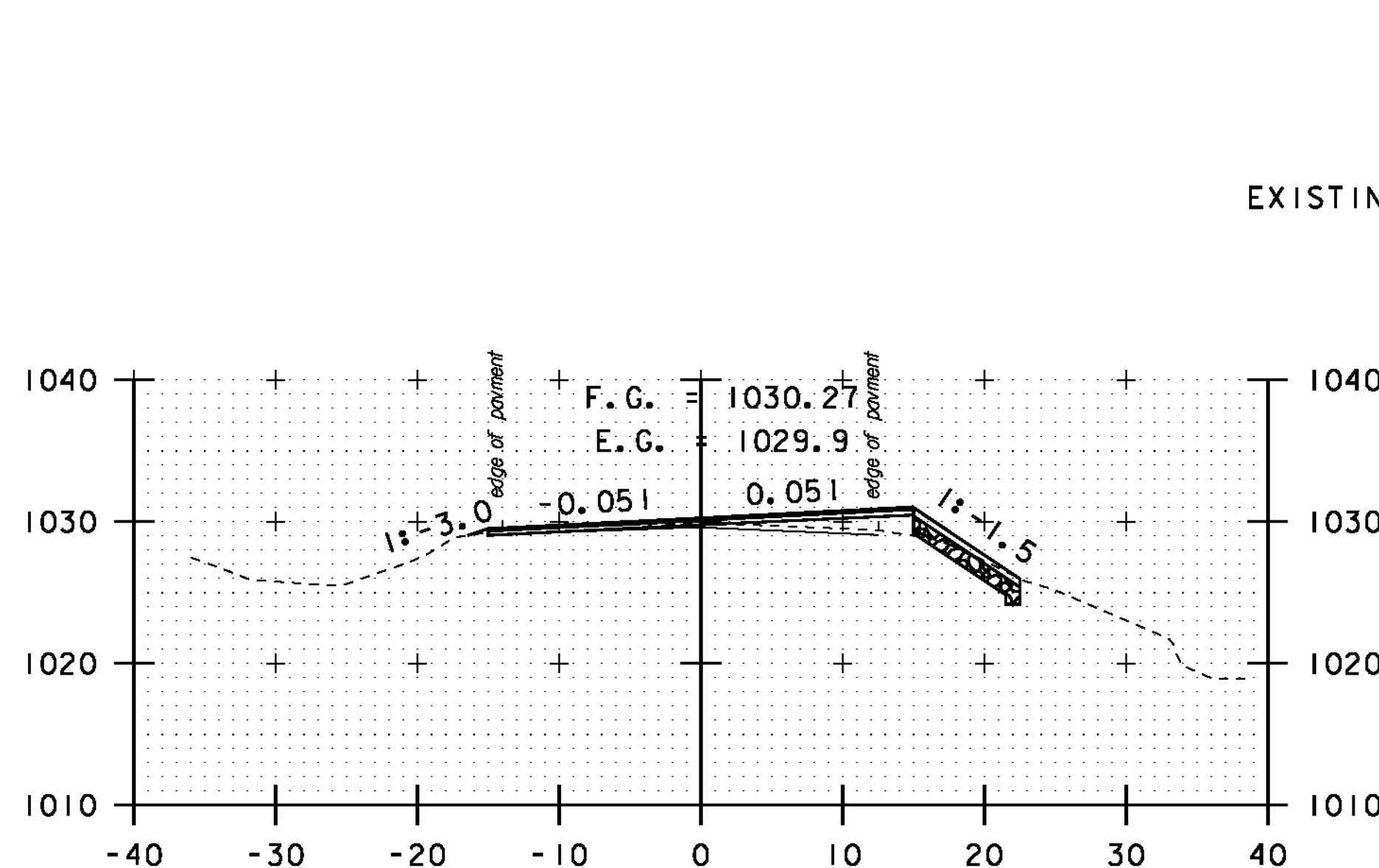
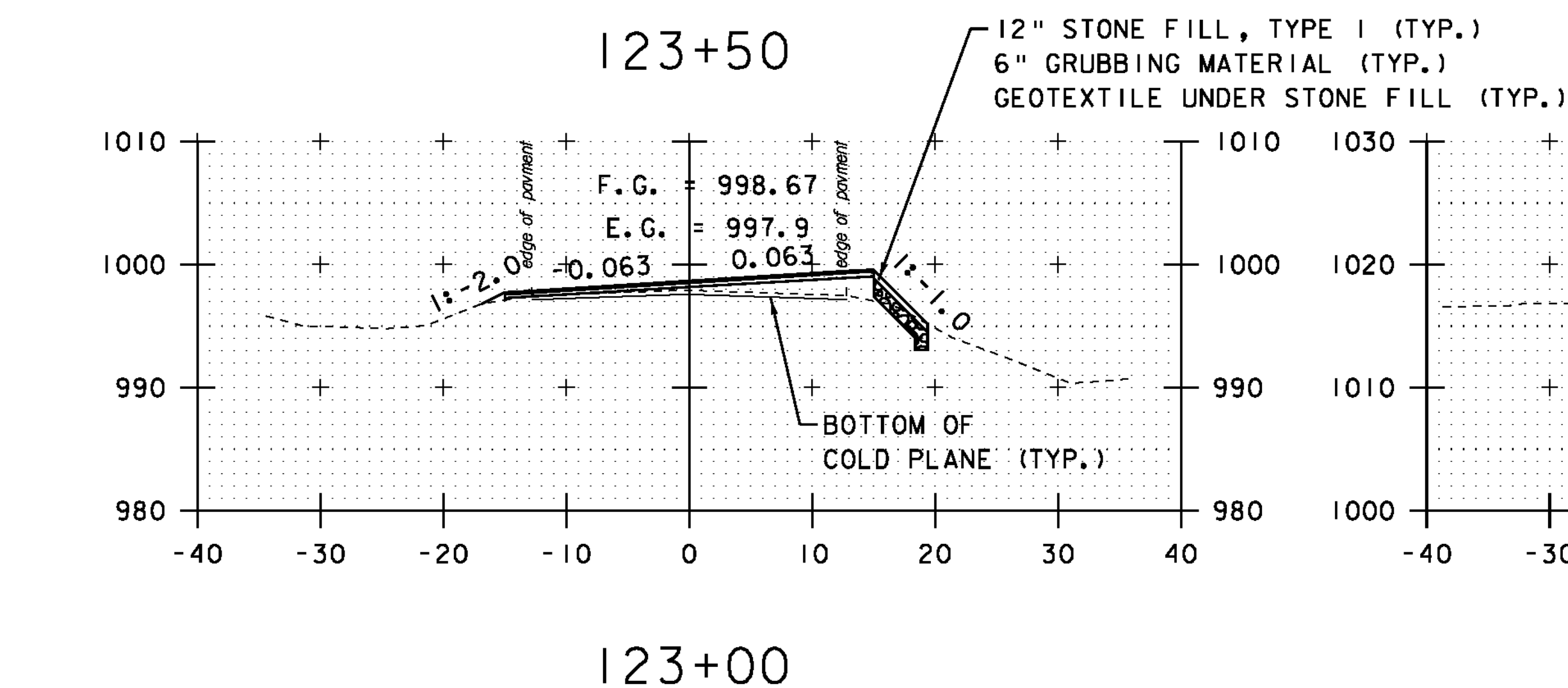
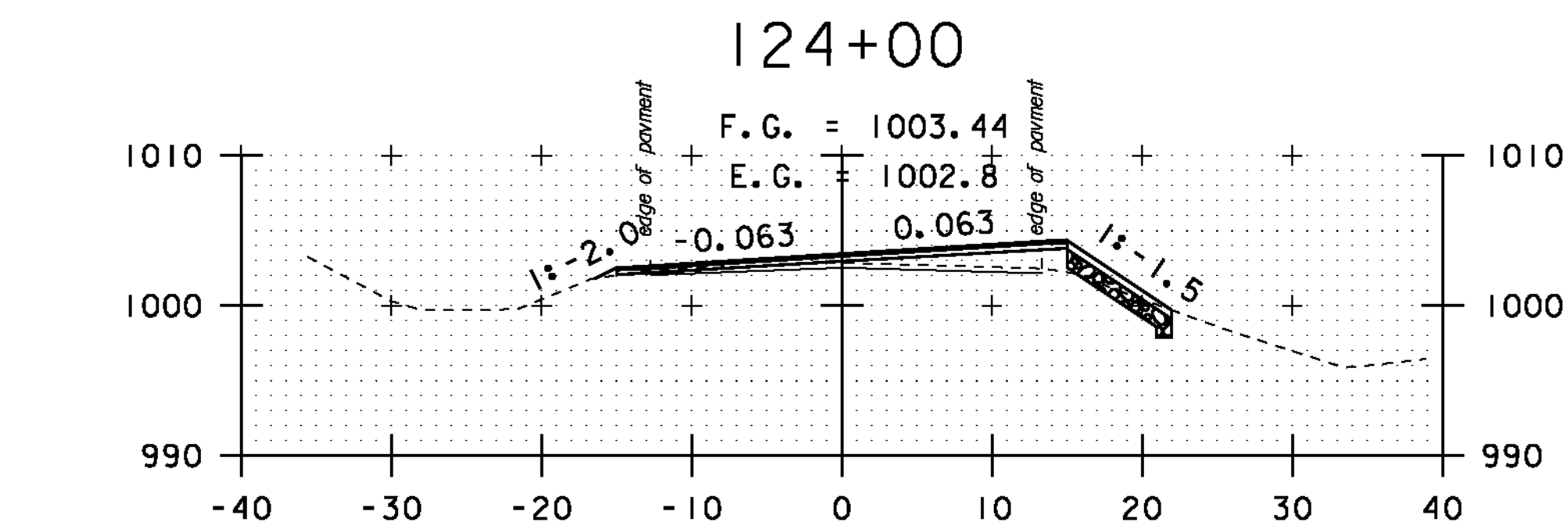
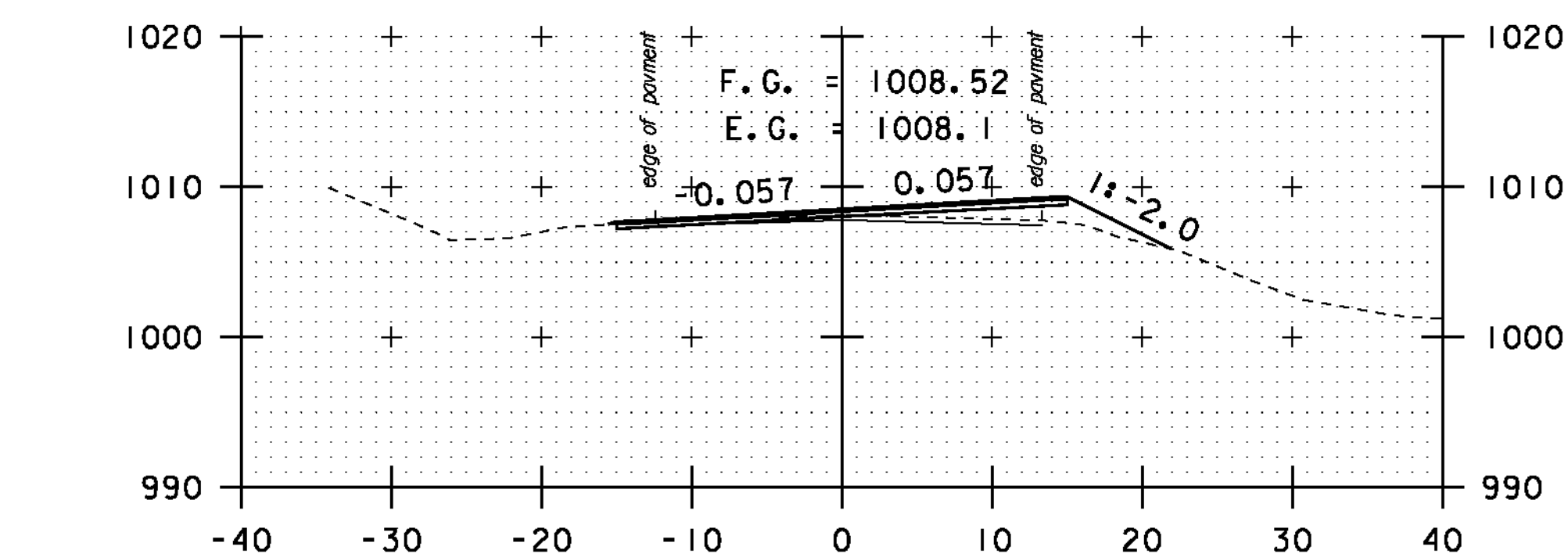
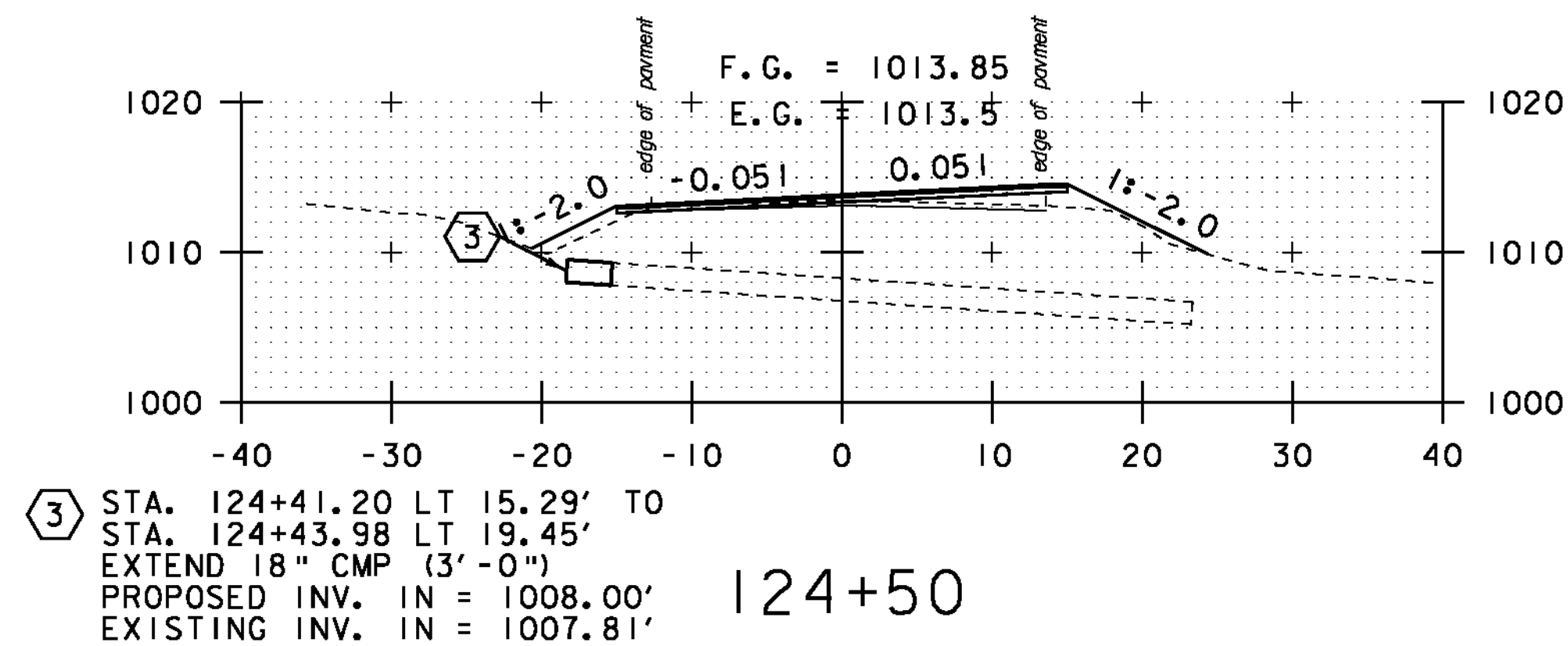
PLOT FILE: p10ci90.i37.i

PLOT DATE: 9/5/12

DRAWN BY: SJL

CHECKED BY: CDL

SHEET 137 OF 178

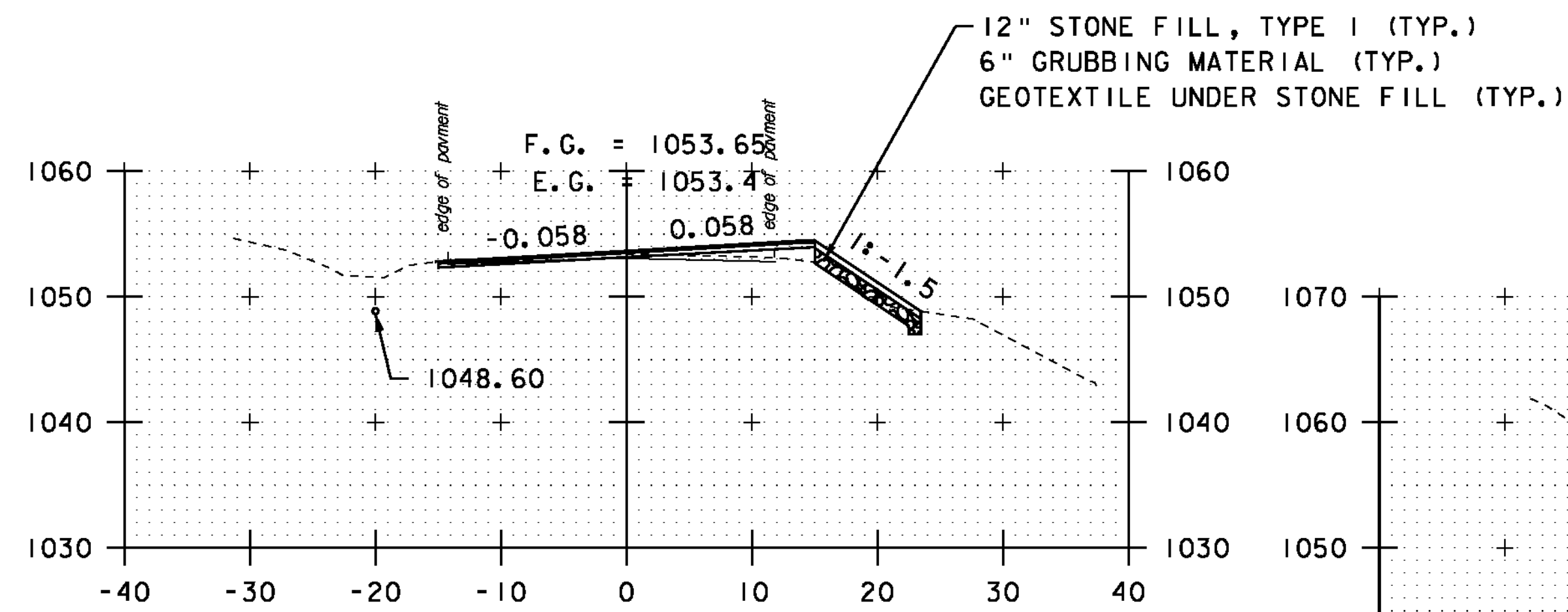


STA. 123+00 TO STA. 127+50

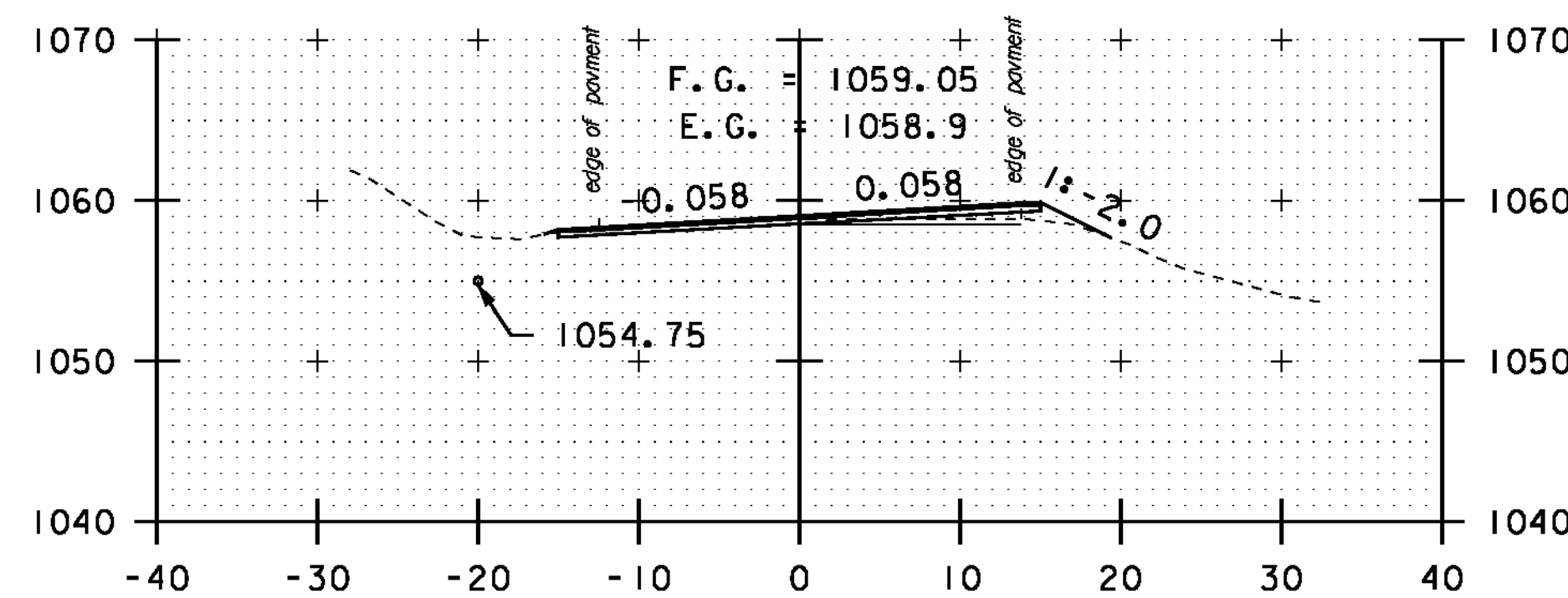
SCALE 1" = 10'-0"

**CROSS
SECTION
SHEET 24**

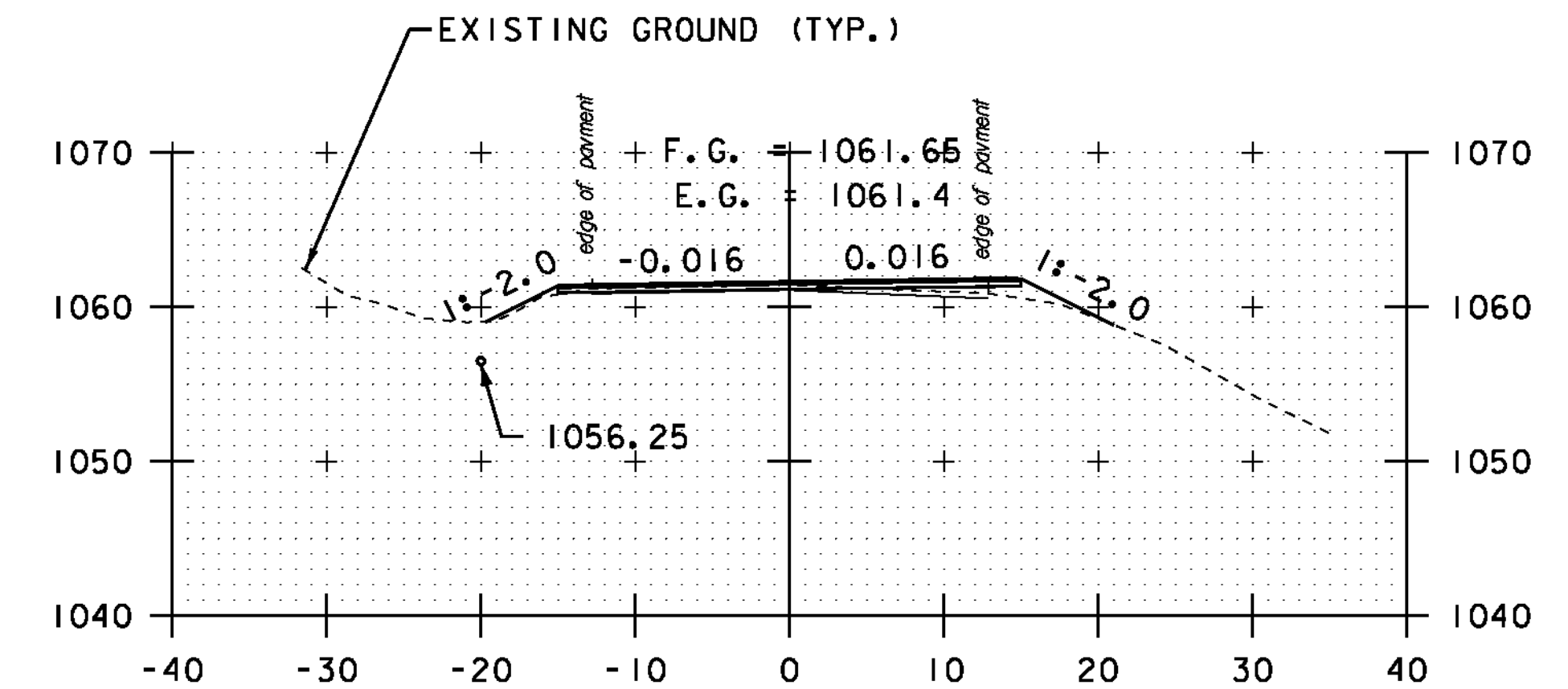
PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(I)
FILE NAME: p10CI90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10CI90.I38.I
PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: CDL
SHEET 138 OF 178



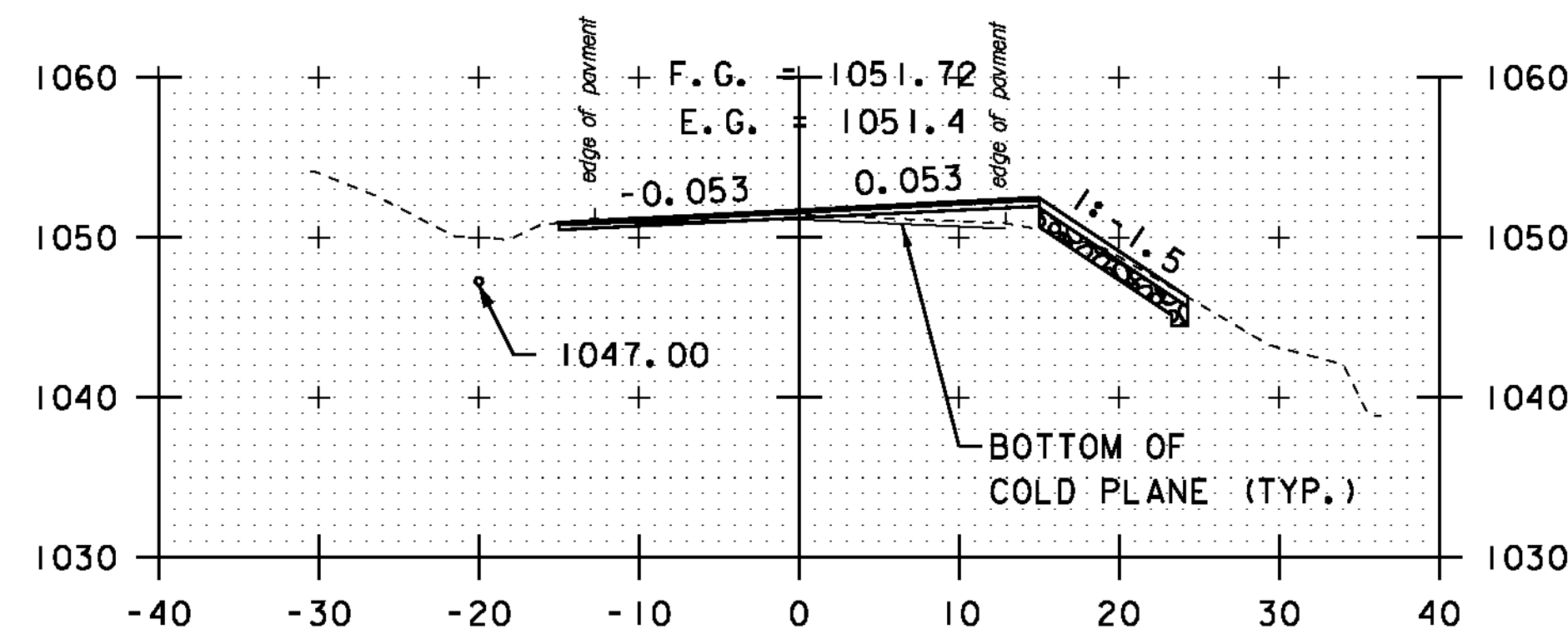
129+00



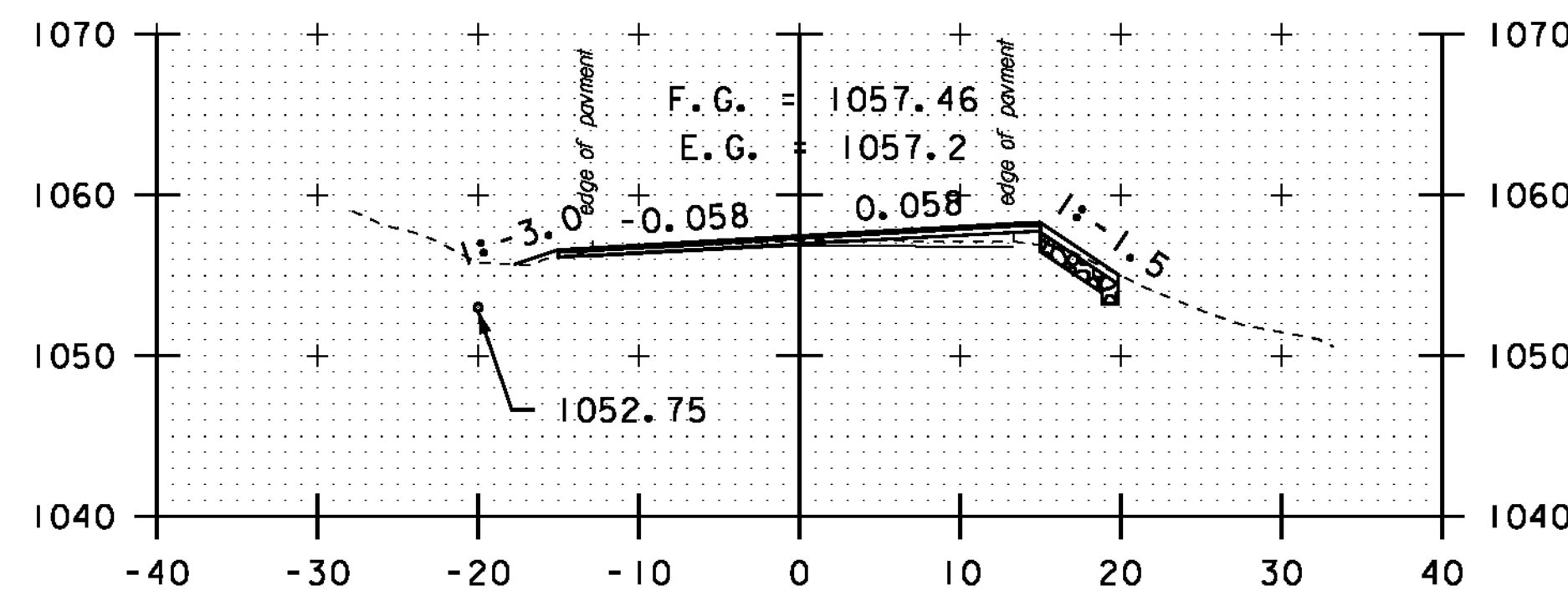
130+50



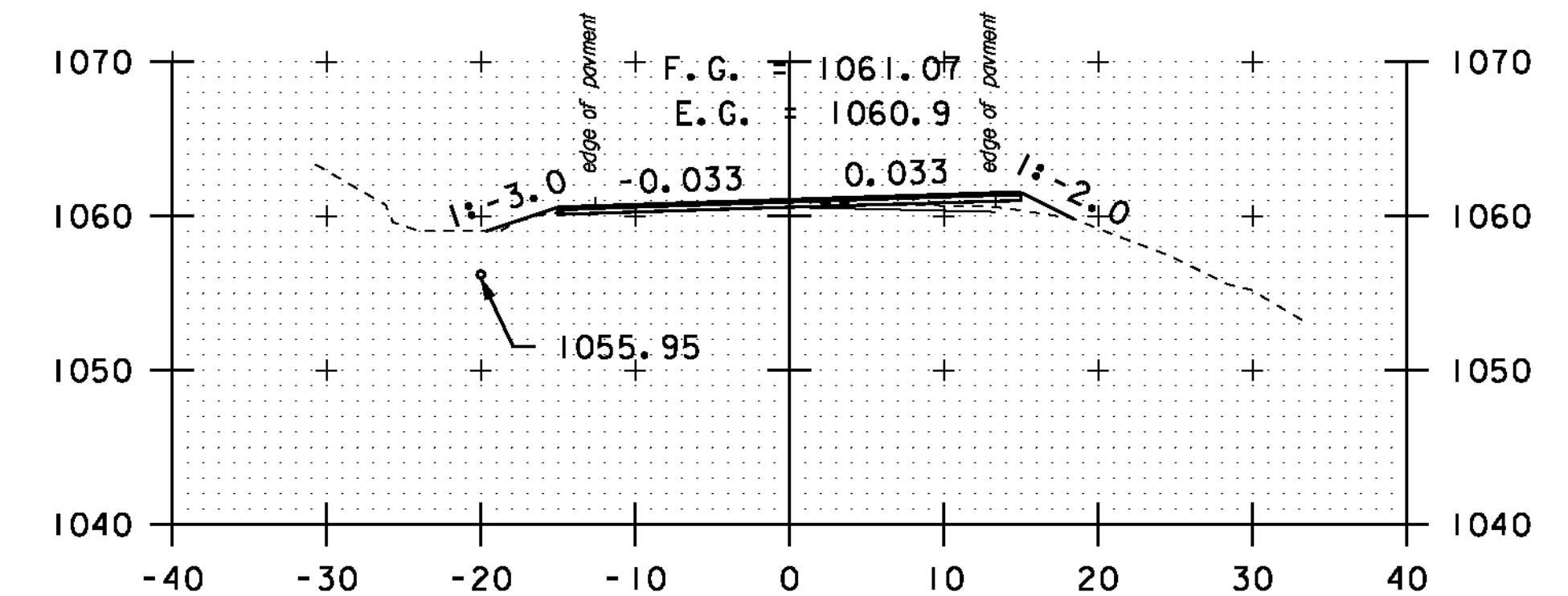
132+00



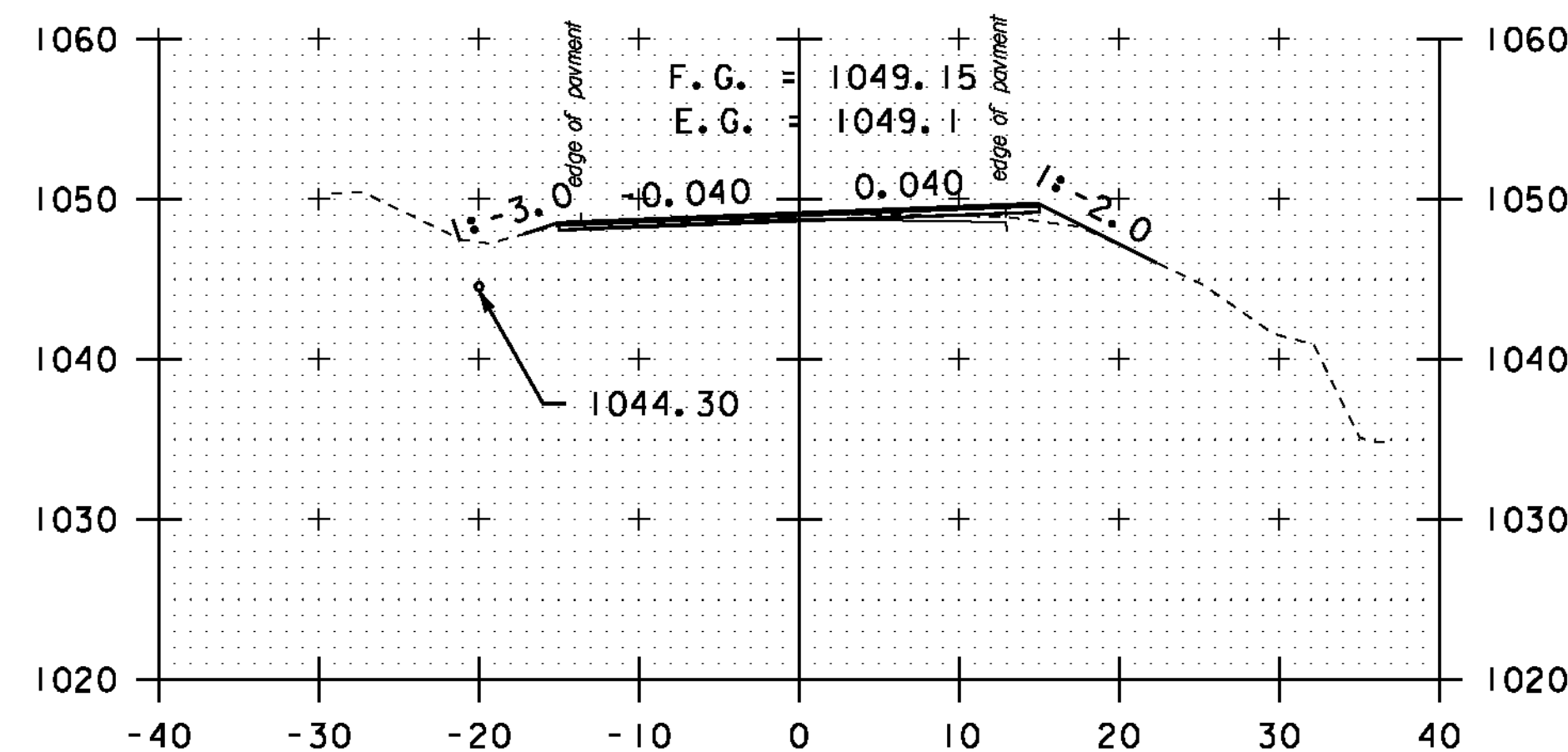
128+50



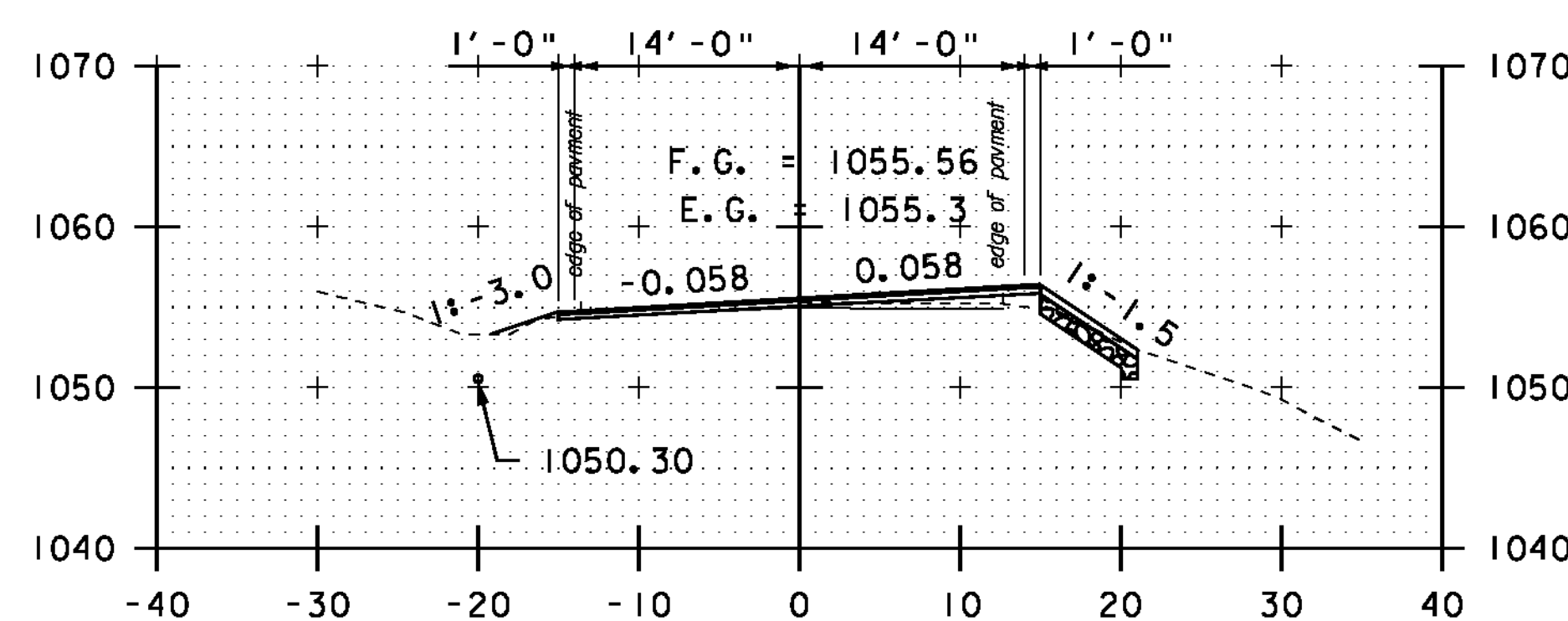
130+00



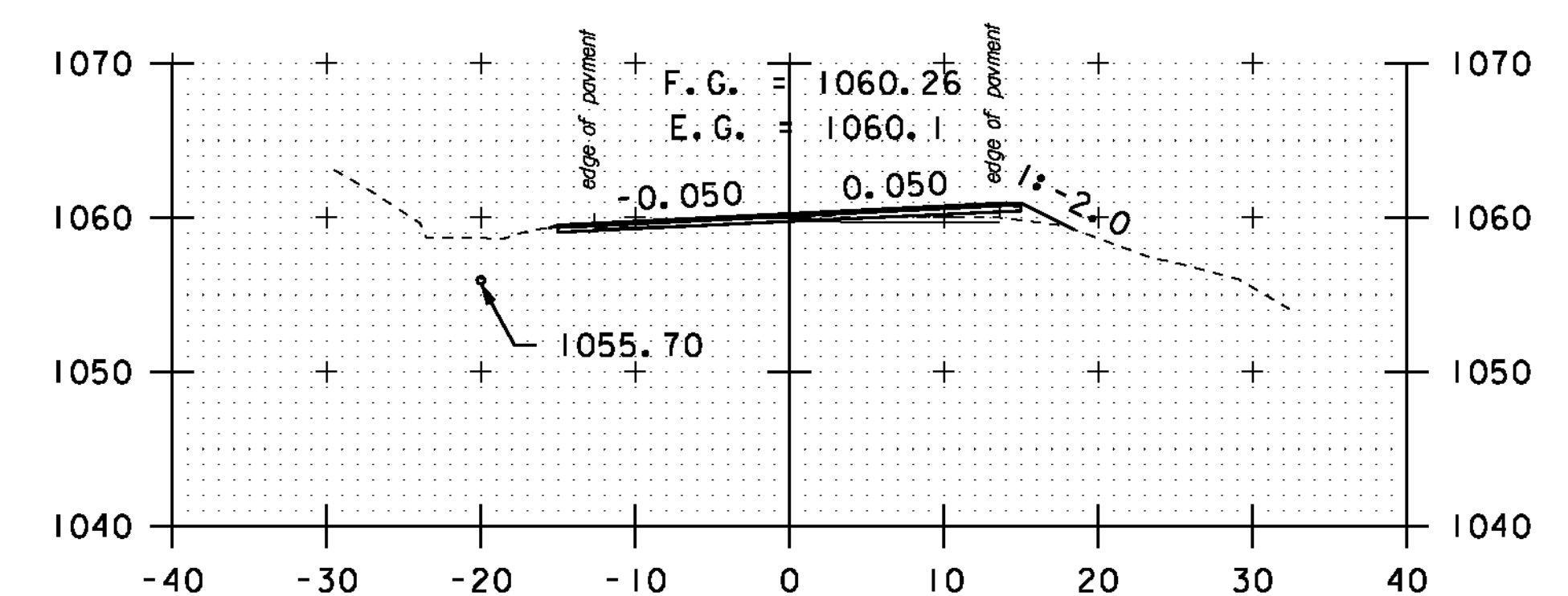
131+50



128+00



129+50



131+00

STA. 128+00 TO STA. 132+00

SCALE 1" = 10'-0"

**CROSS
SECTION
SHEET 25**

PROJECT NAME: MONTGOMERY-WESTFIELD

PROJECT NUMBER: STP 2906(1)

FILE NAME: p10CI90.dgn

PROJECT LEADER: CDL

DESIGNED BY: SJL

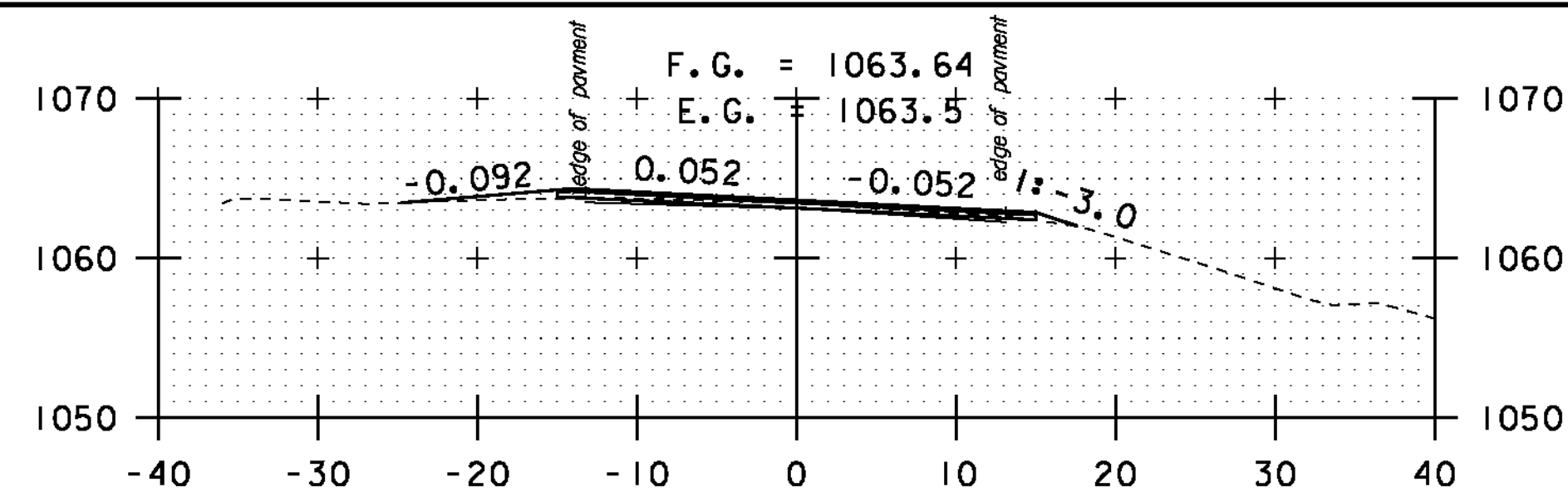
PLOT FILE: p10CI90.139.1

PLOT DATE: 9/5/12

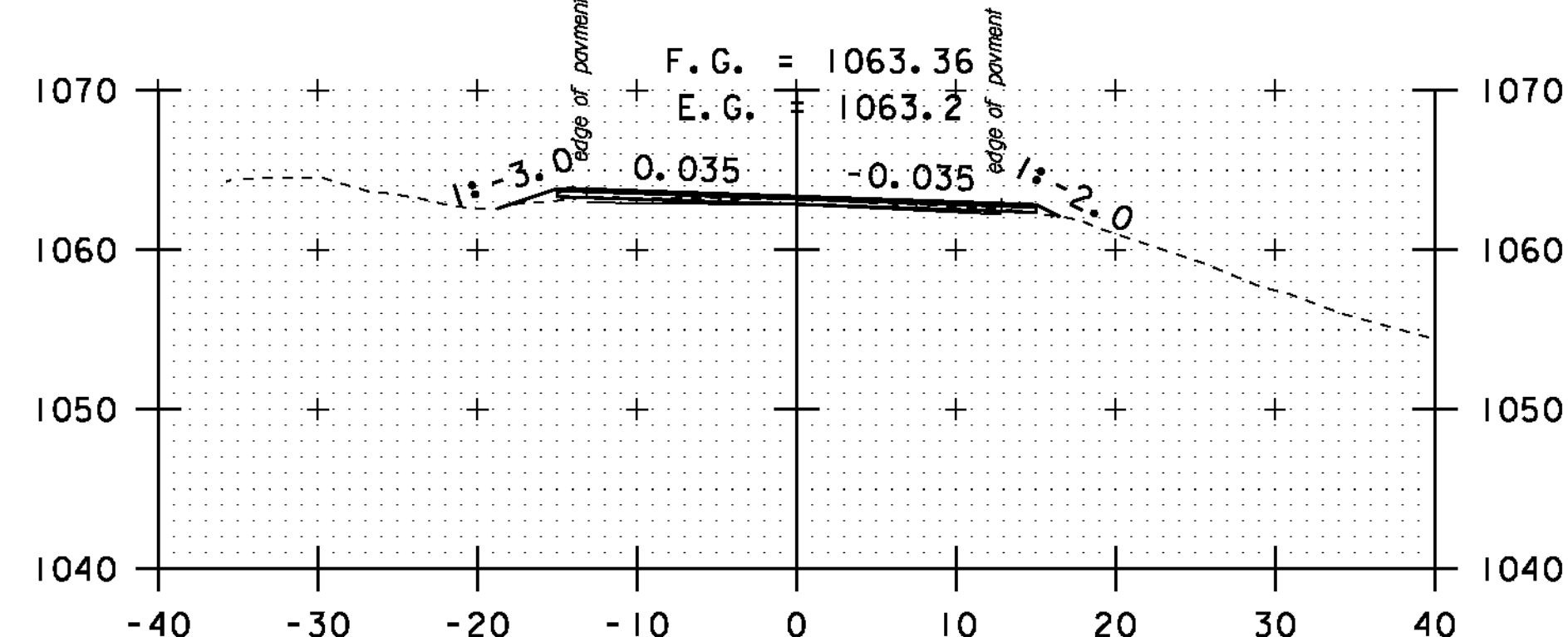
DRAWN BY: SJL

CHECKED BY: CDL

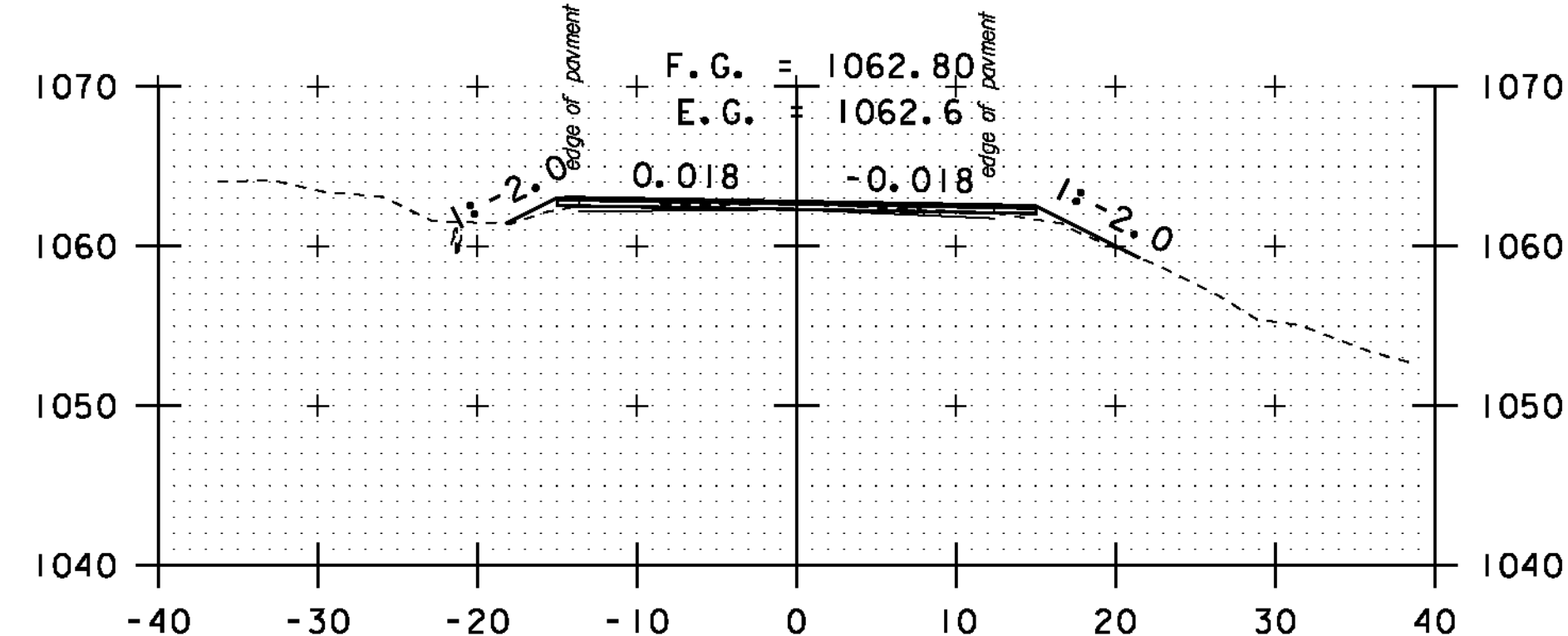
SHEET 139 OF 178



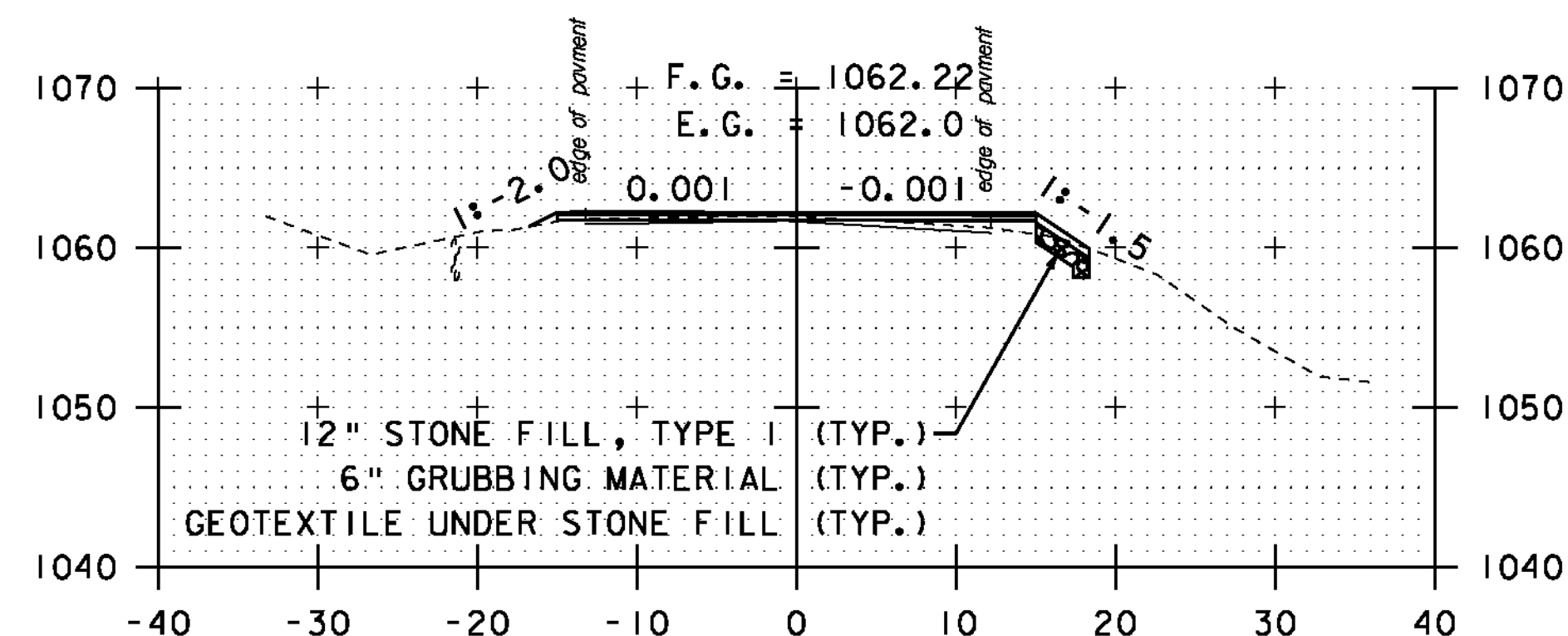
DRIVE LT
134+00



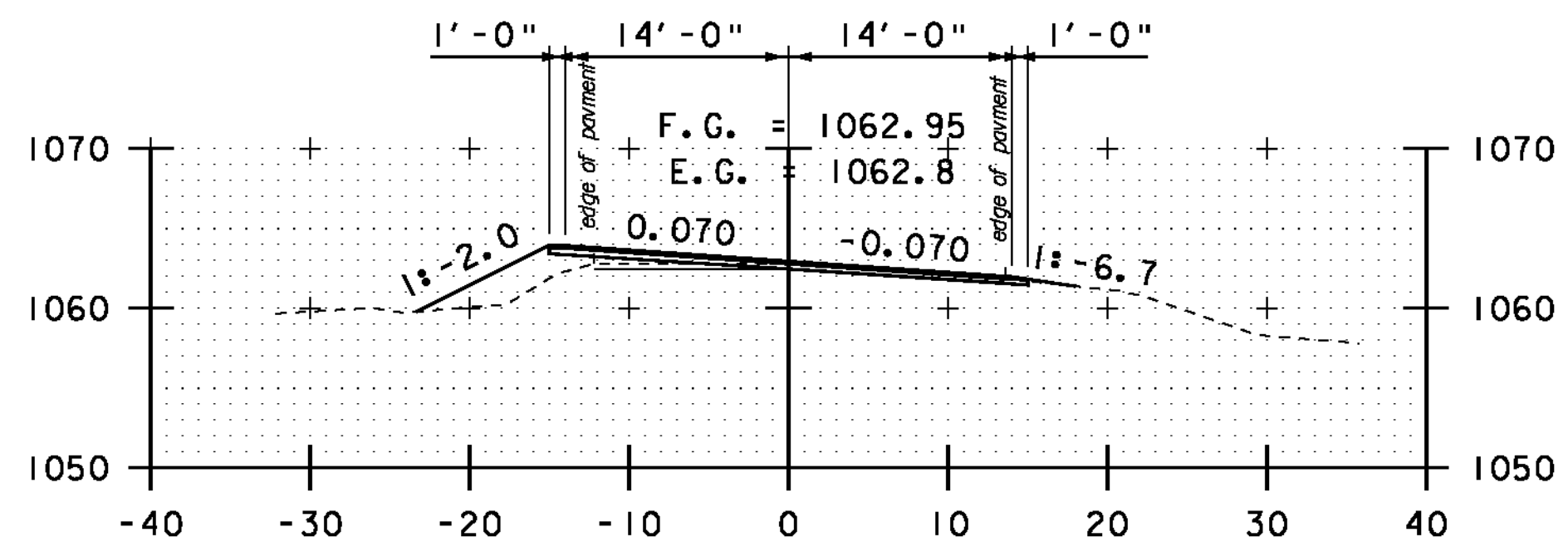
133+50



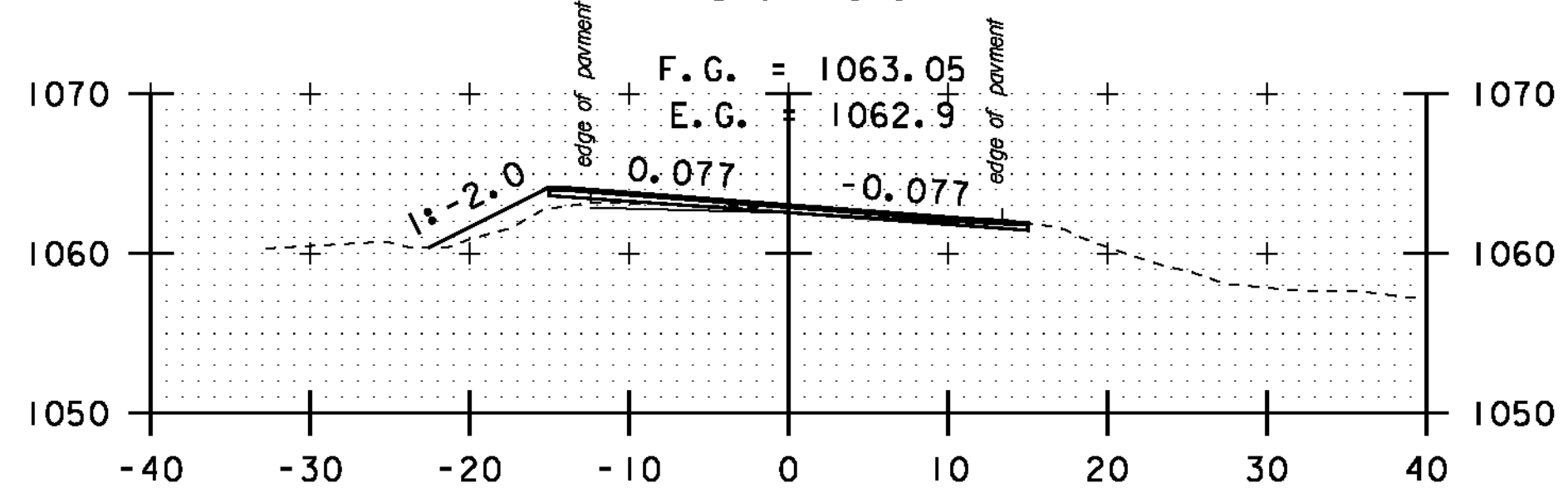
133+00



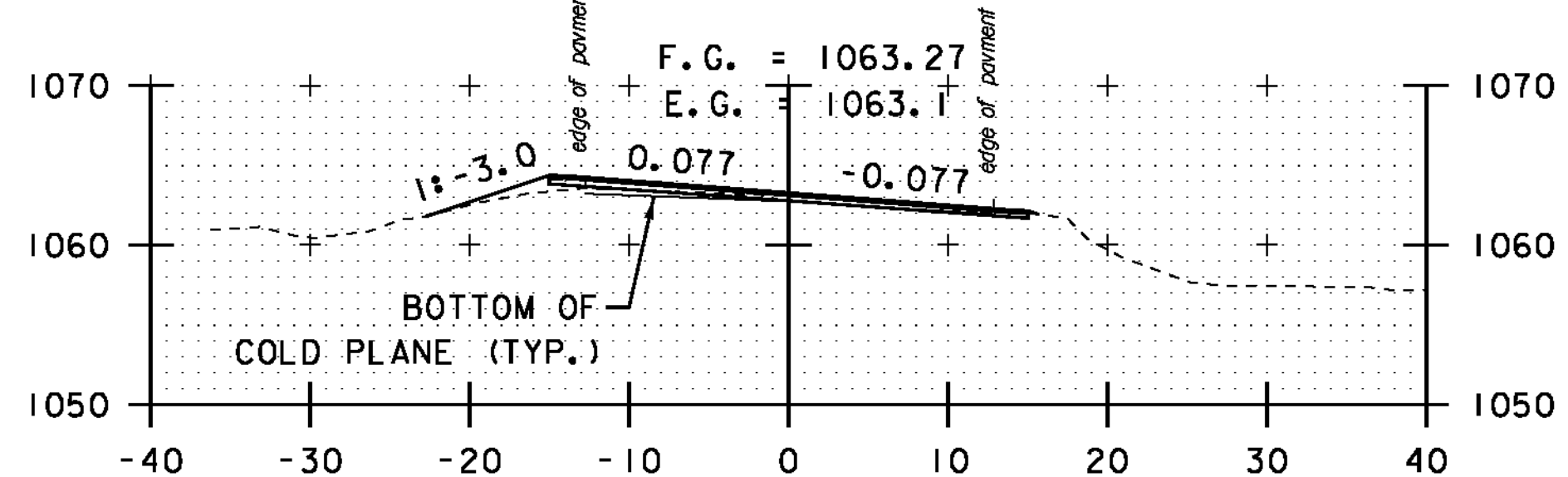
132+50



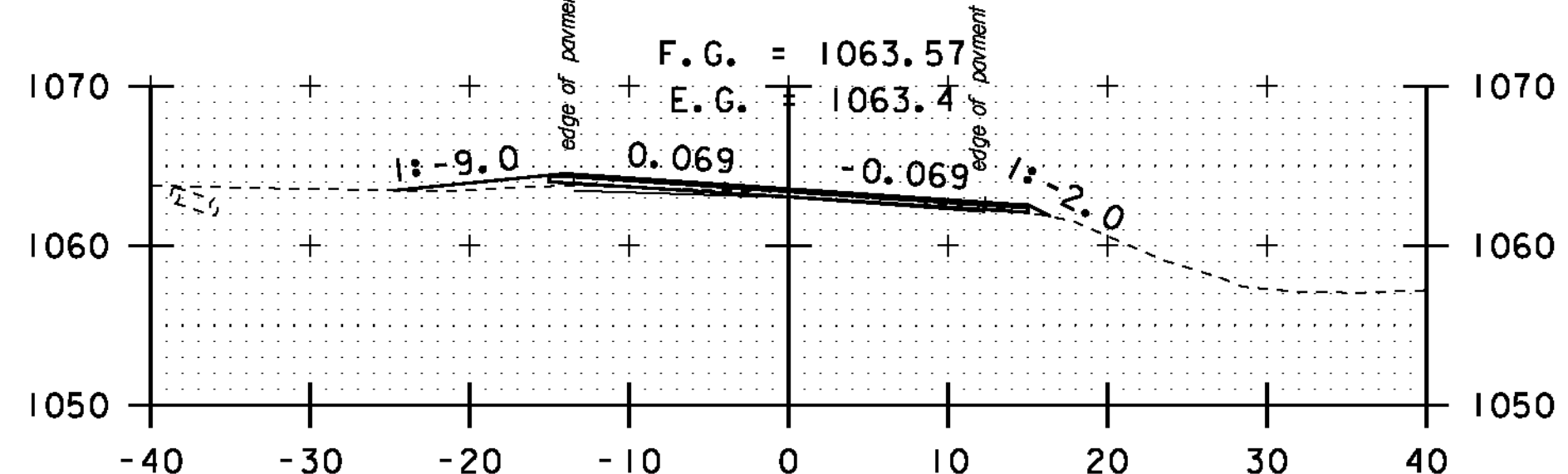
DRIVE RT
136+00



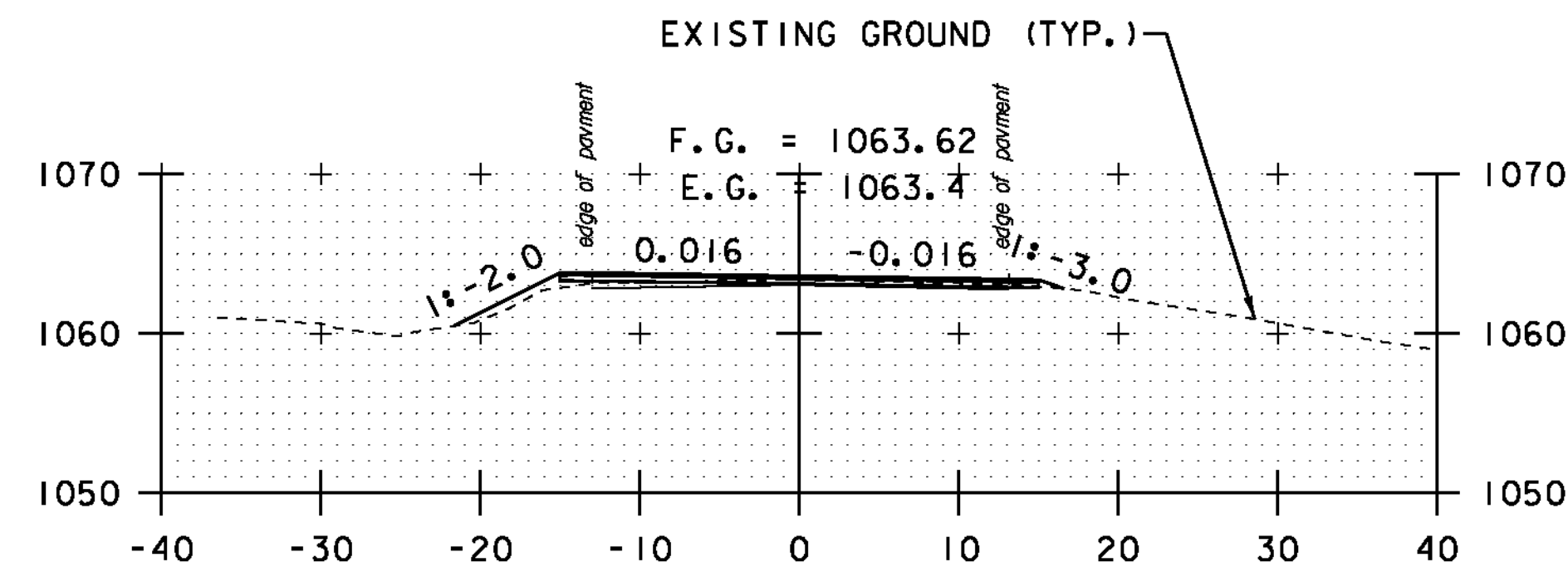
135+50



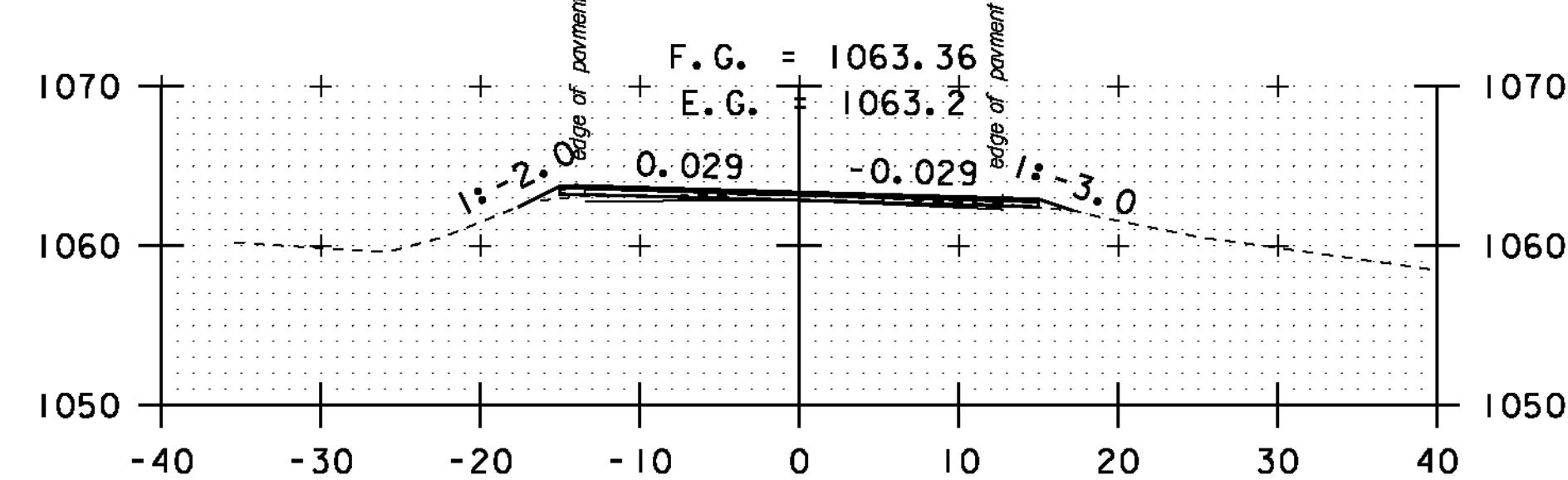
135+00



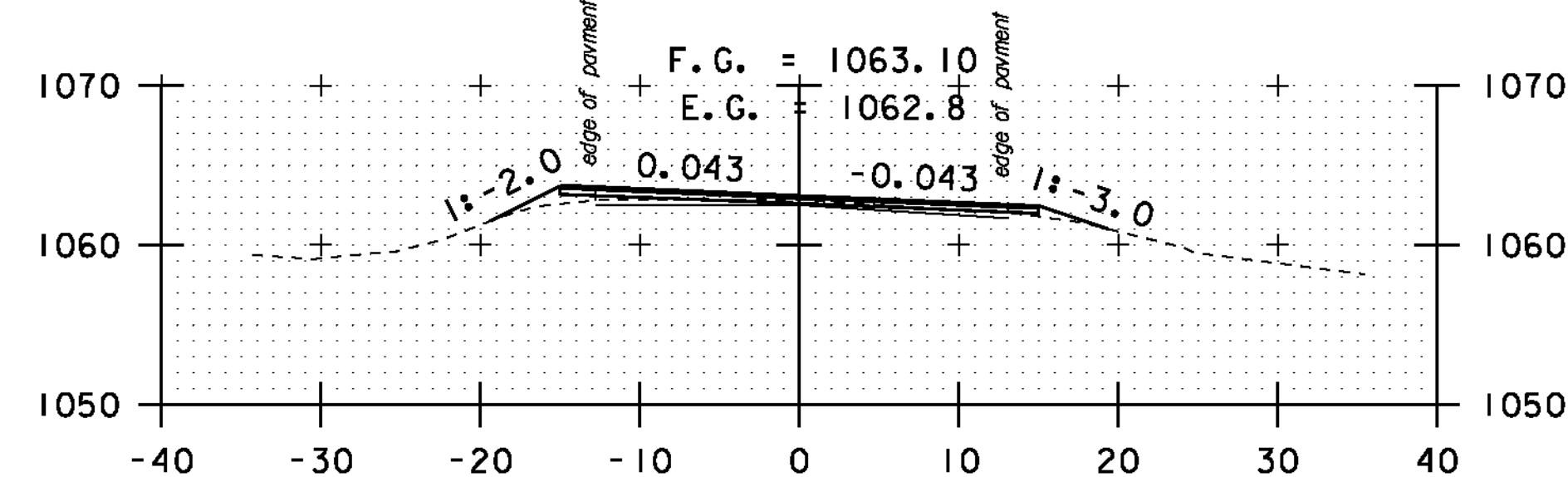
DRIVE LT
134+50



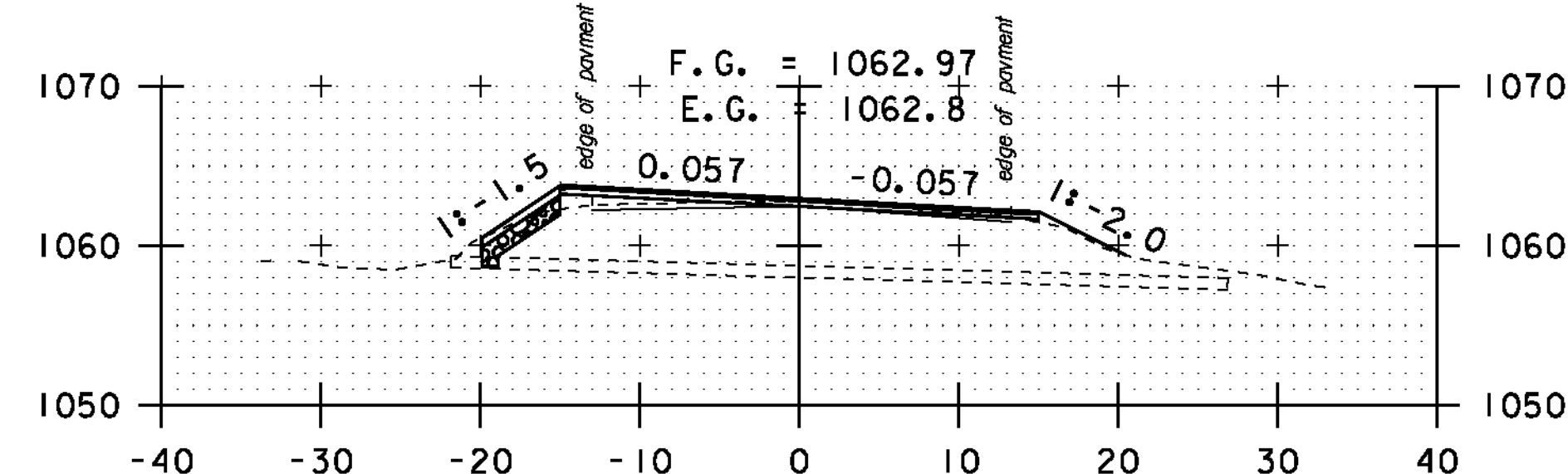
138+00



137+50



137+00



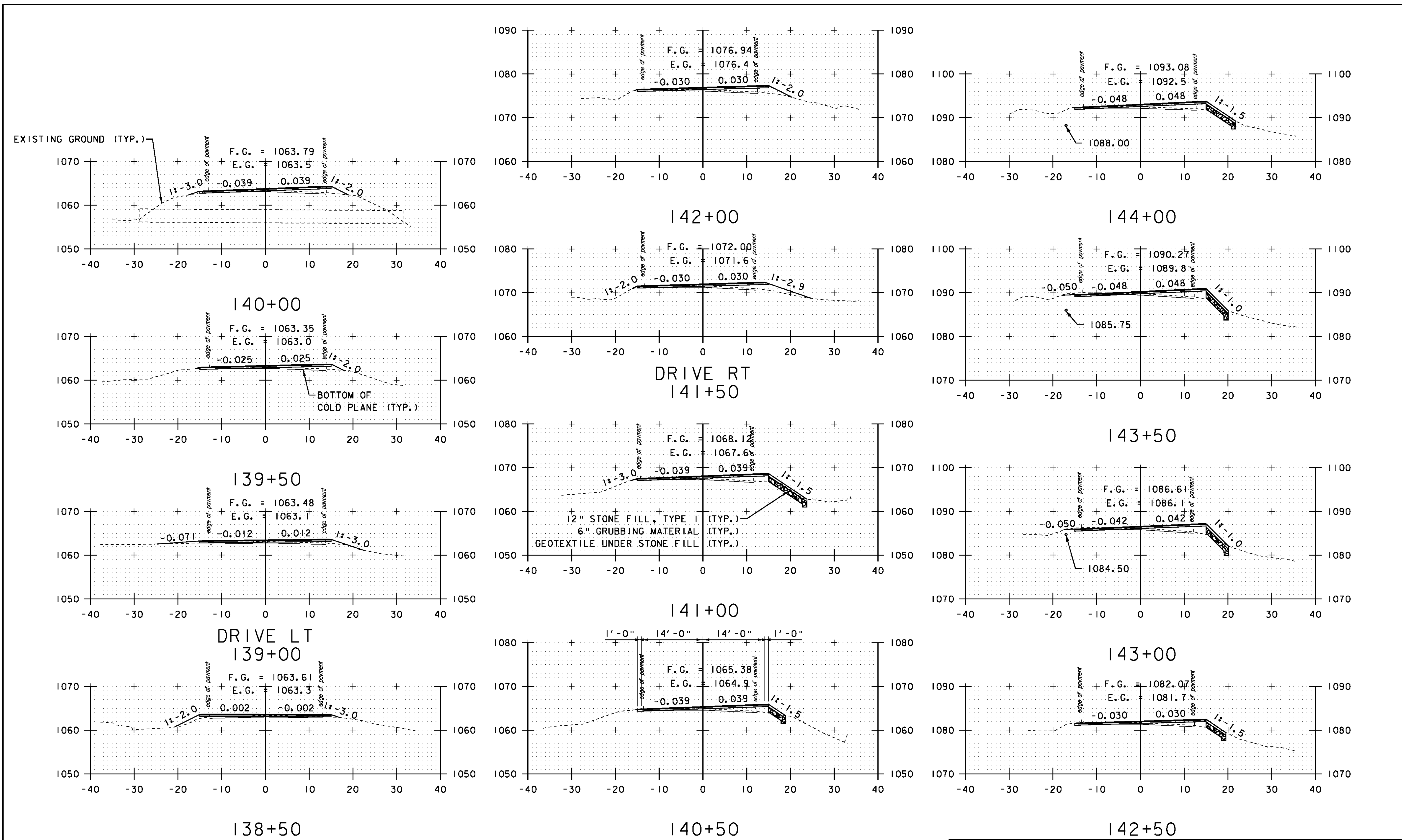
136+50

STA. 132+50 TO STA. 138+00

SCALE 1" = 10'-0"

**CROSS
SECTION
SHEET 26**

PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(1)
FILE NAME: p10CI90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10CI90_140.1
PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: CDL
SHEET 140 OF 178



STA. 138+50 TO STA. 144+00



**CROSS
SECTION
SHEET 27**

PROJECT NAME: MONTGOMERY-WESTFIELD

PROJECT NUMBER: STP 2906(1)

FILE NAME: p10ci90.dgn

PROJECT LEADER: CDL

DESIGNED BY: SJL

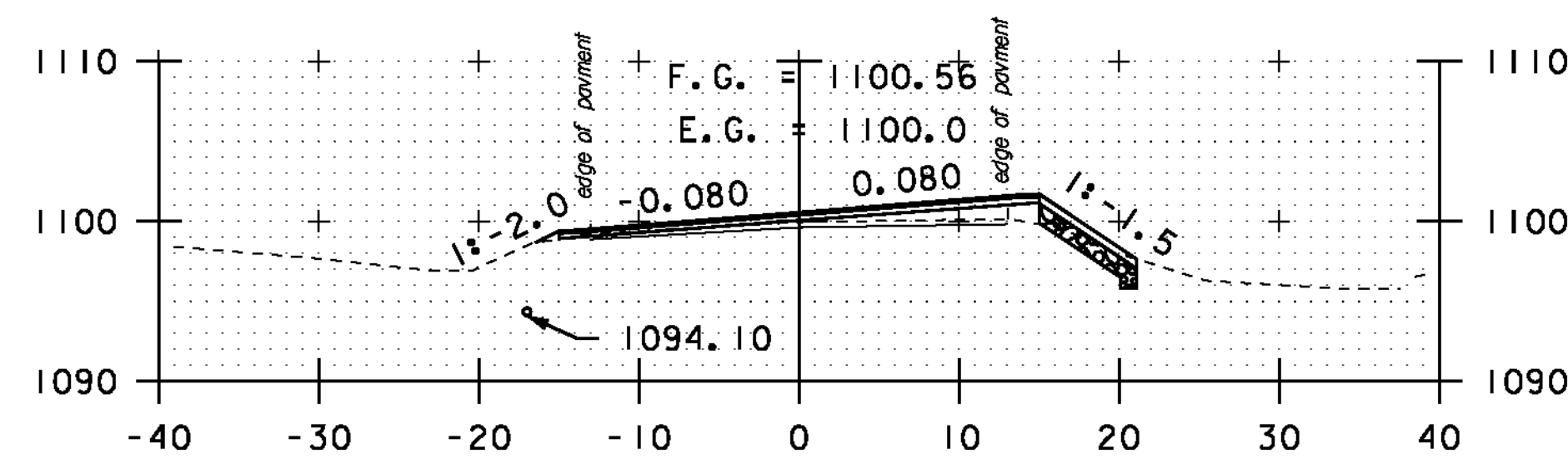
PLOT FILE: p10ci90_141.t

PLOT DATE: 9/5/12

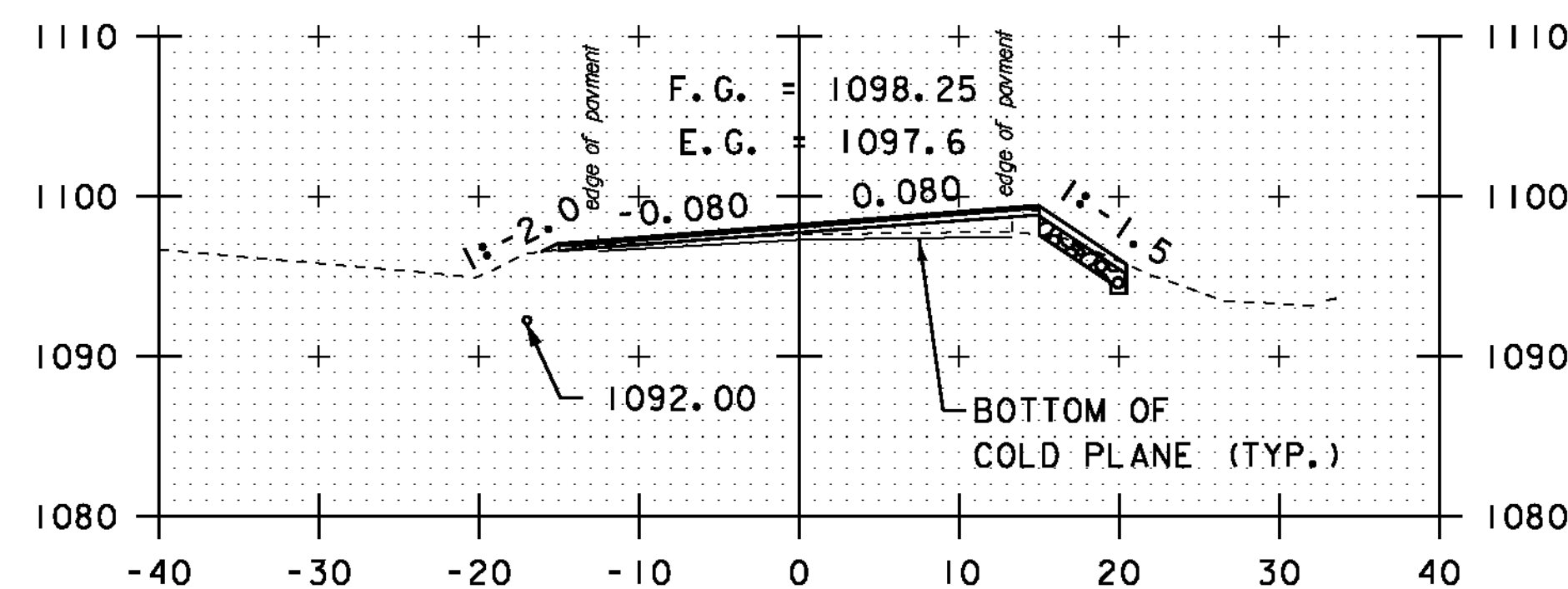
DRAWN BY: SJL

CHECKED BY: CDL

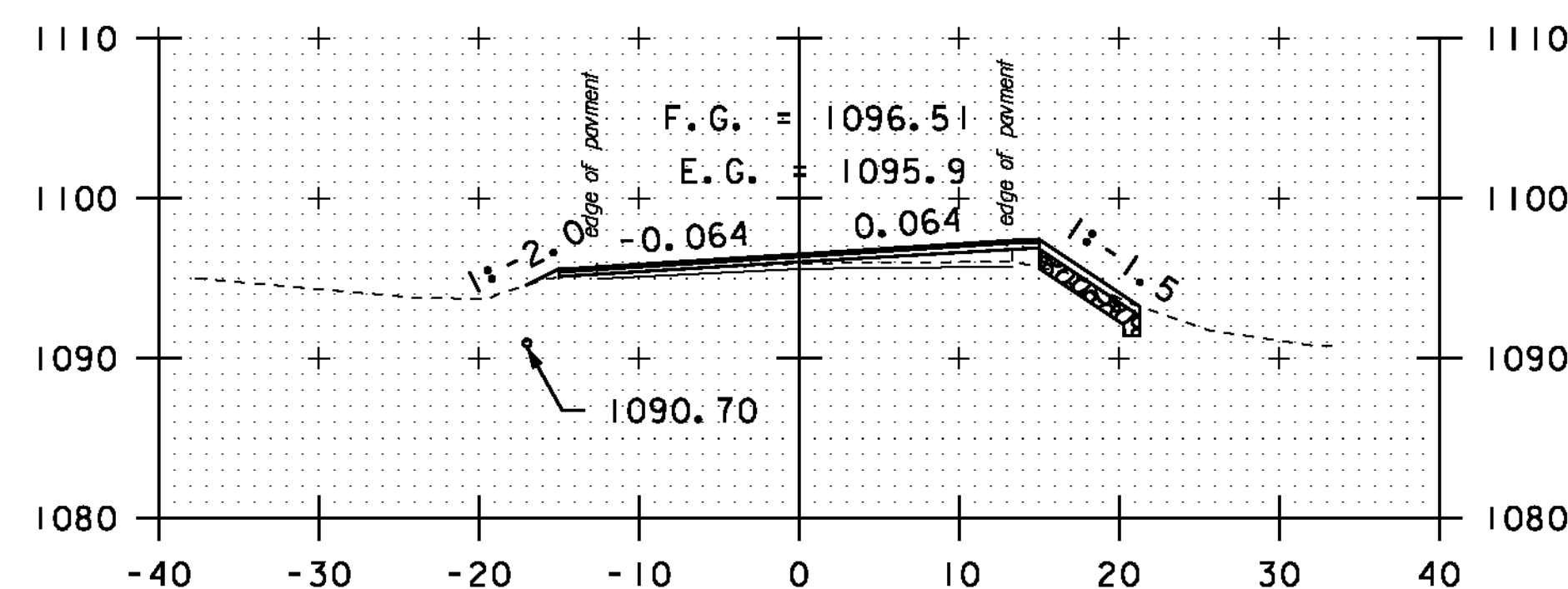
SHEET 141 OF 178



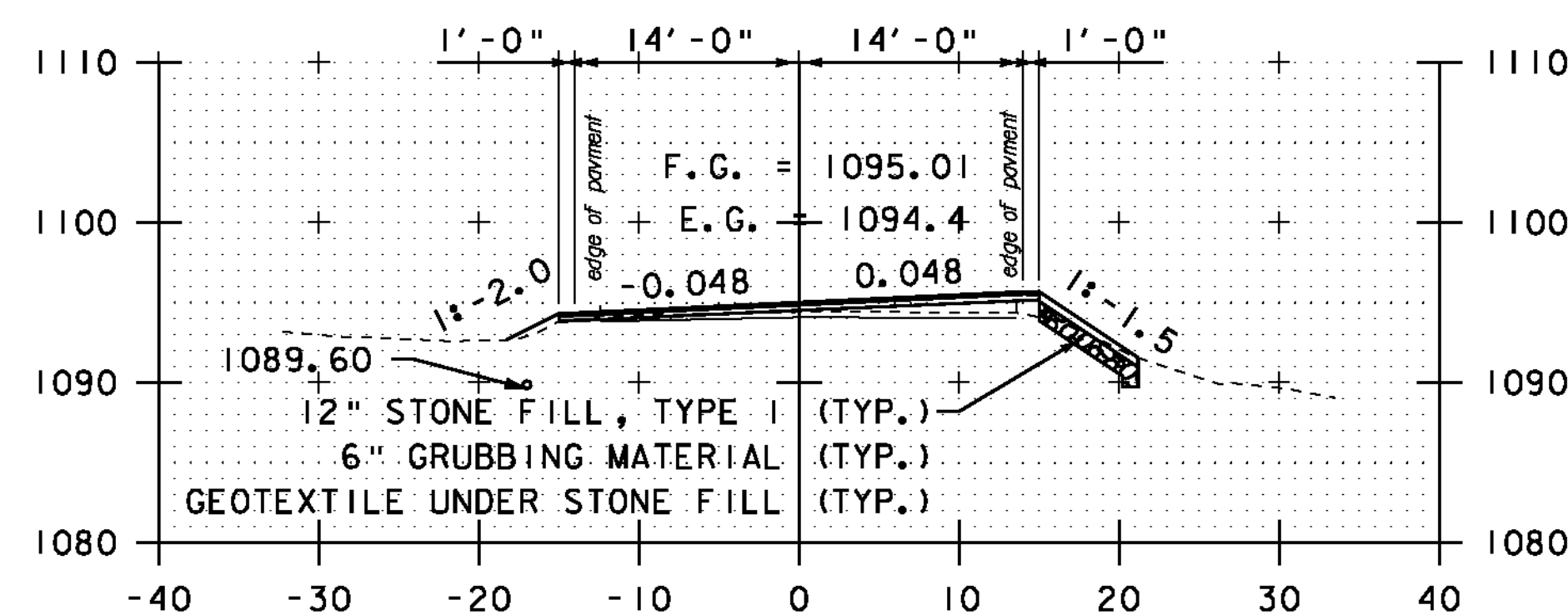
146+00



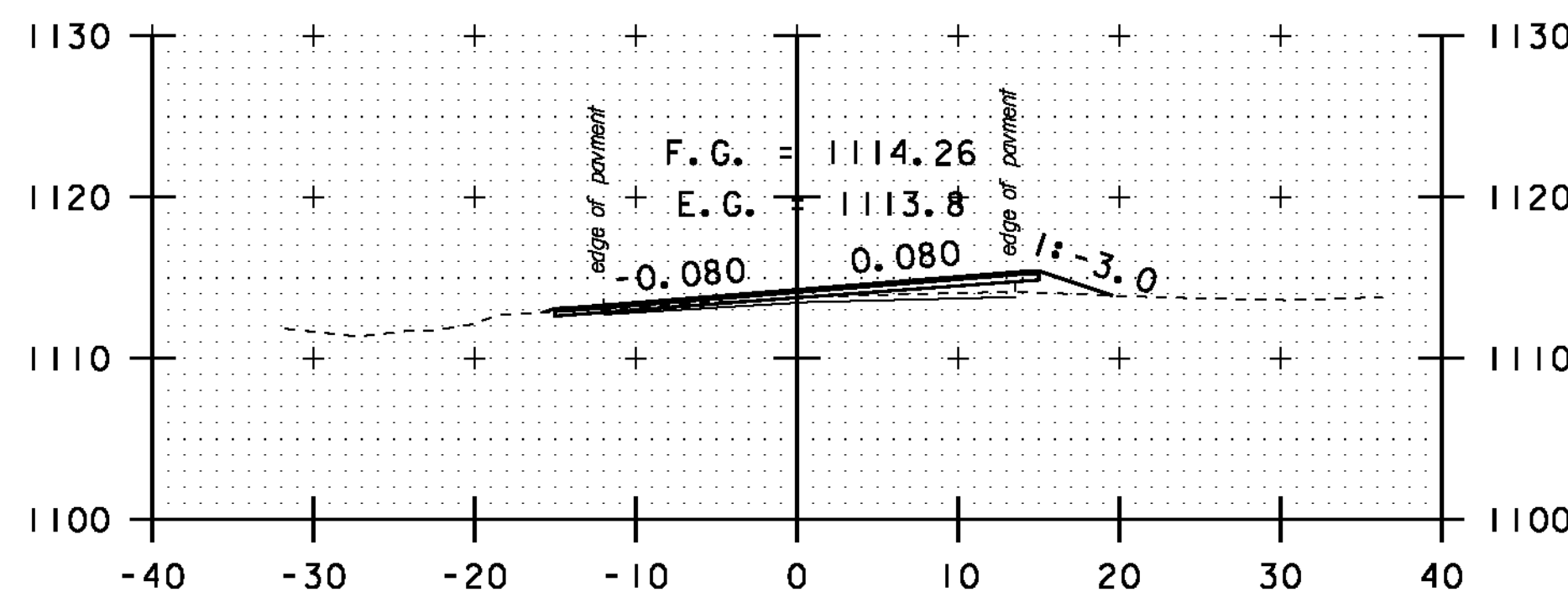
145+50



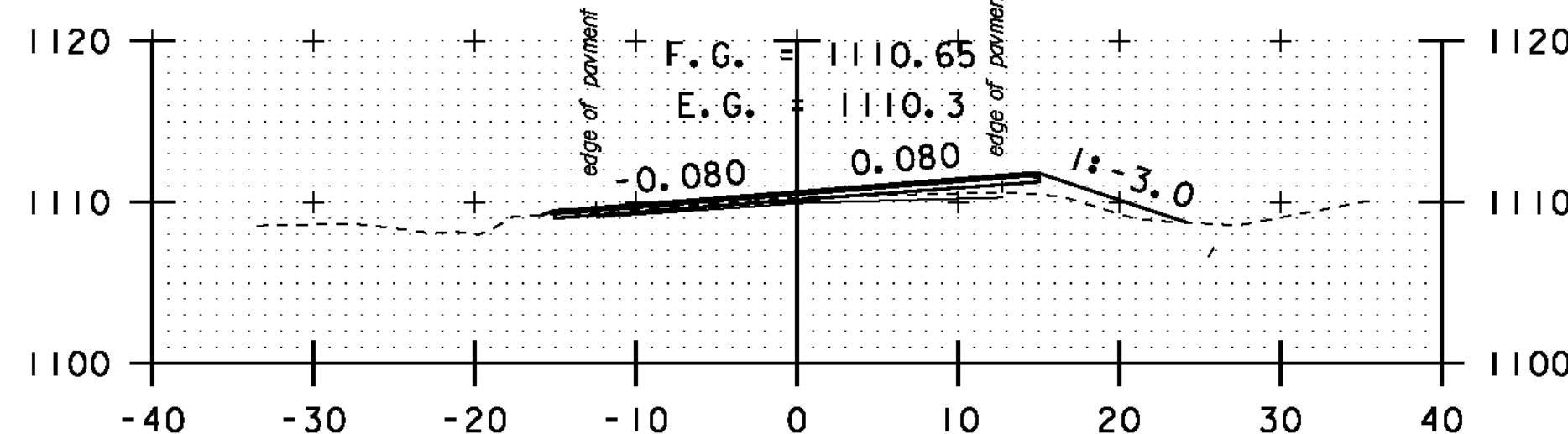
145+00



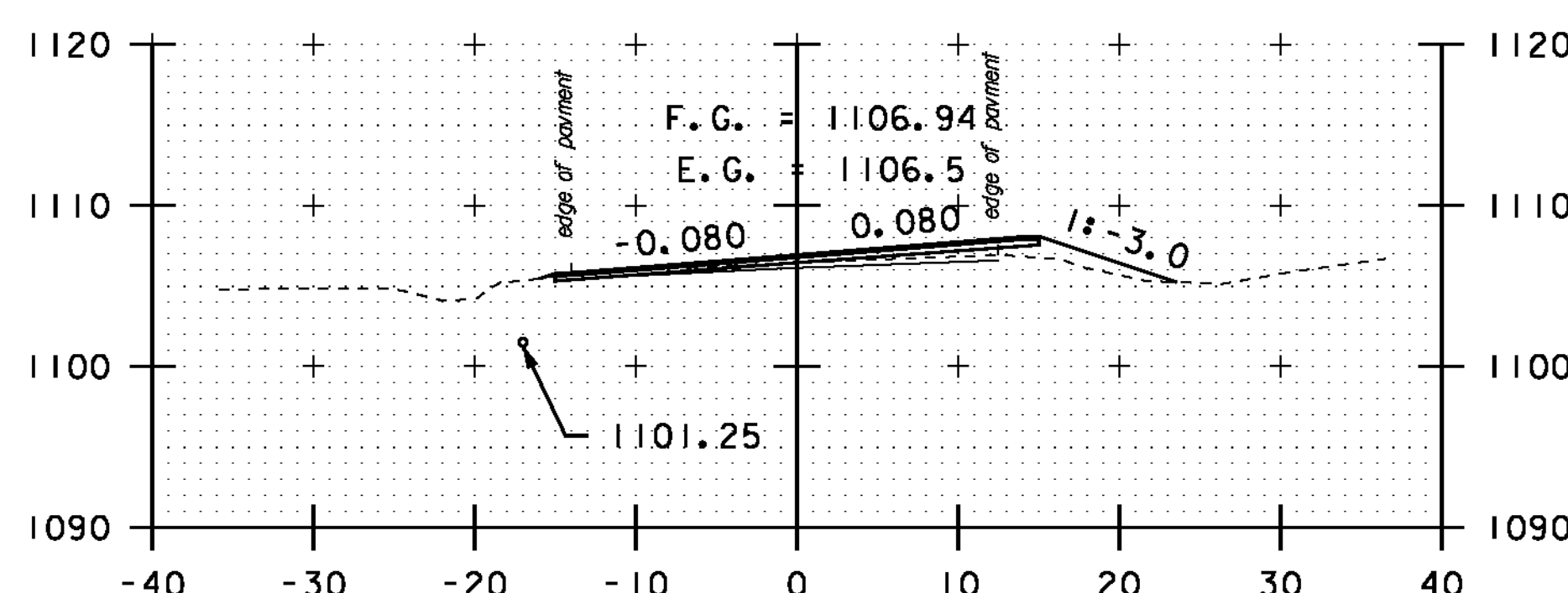
144+50



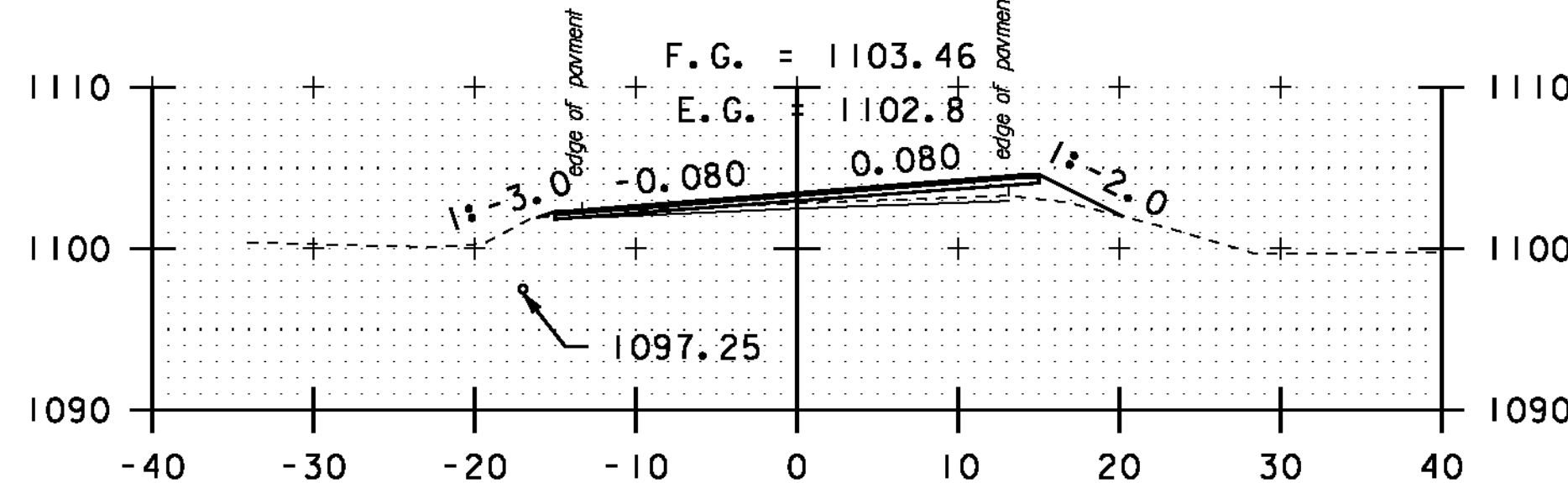
148+00



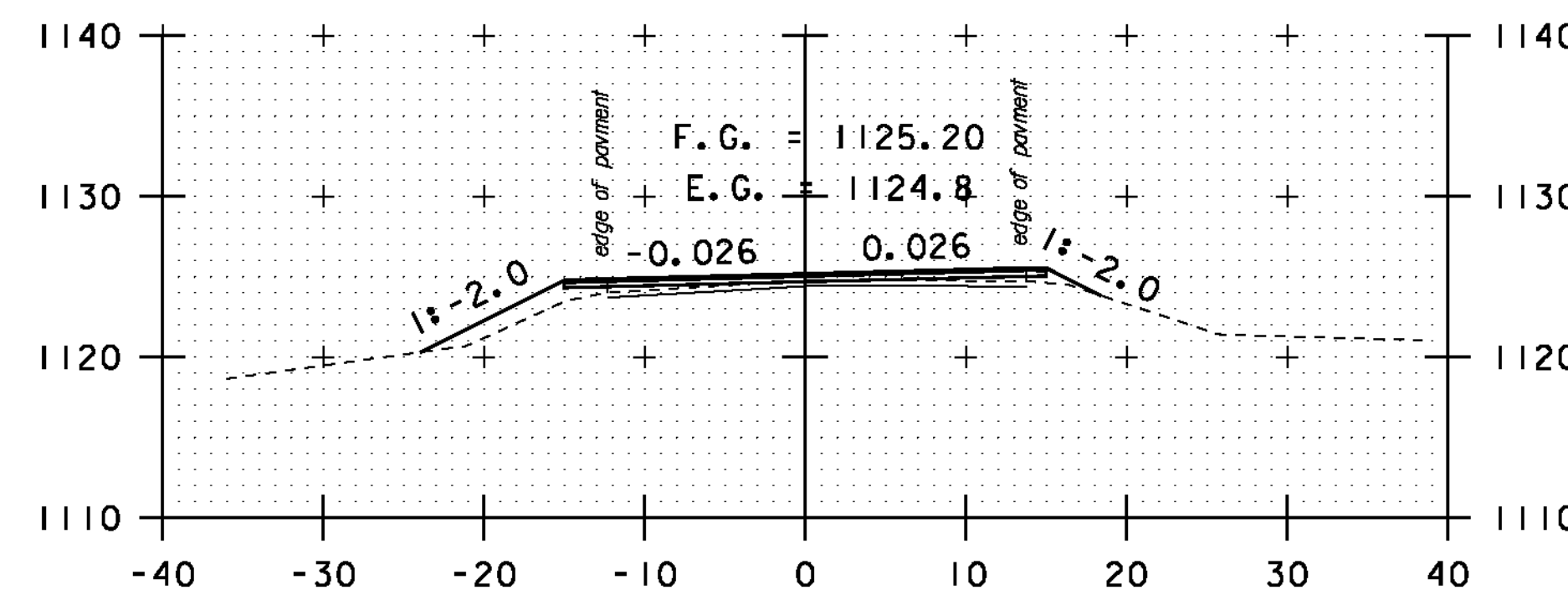
147+50



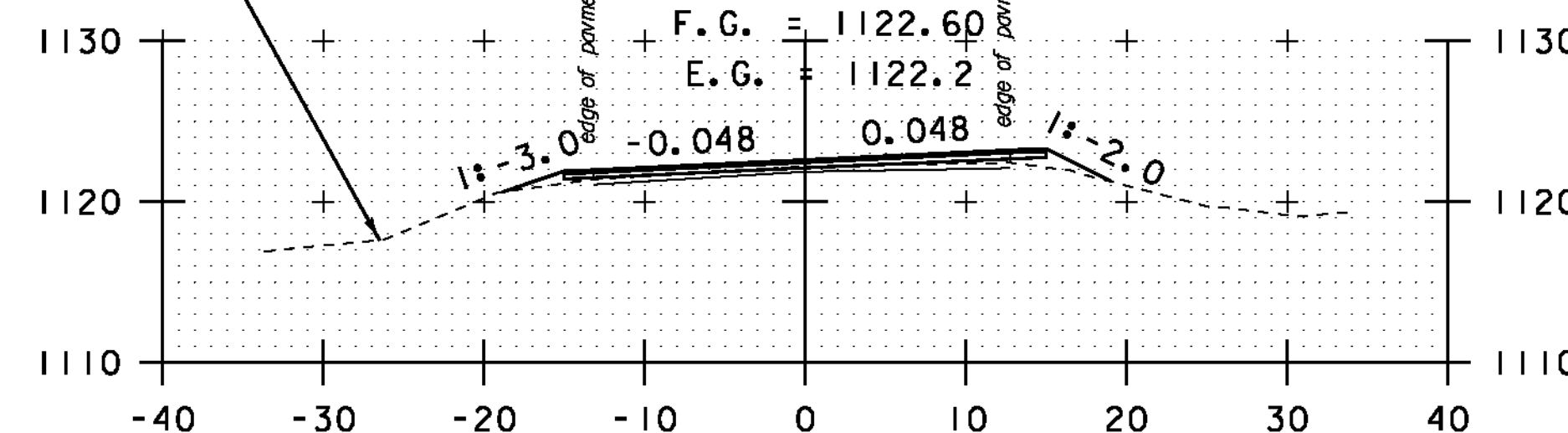
147+00



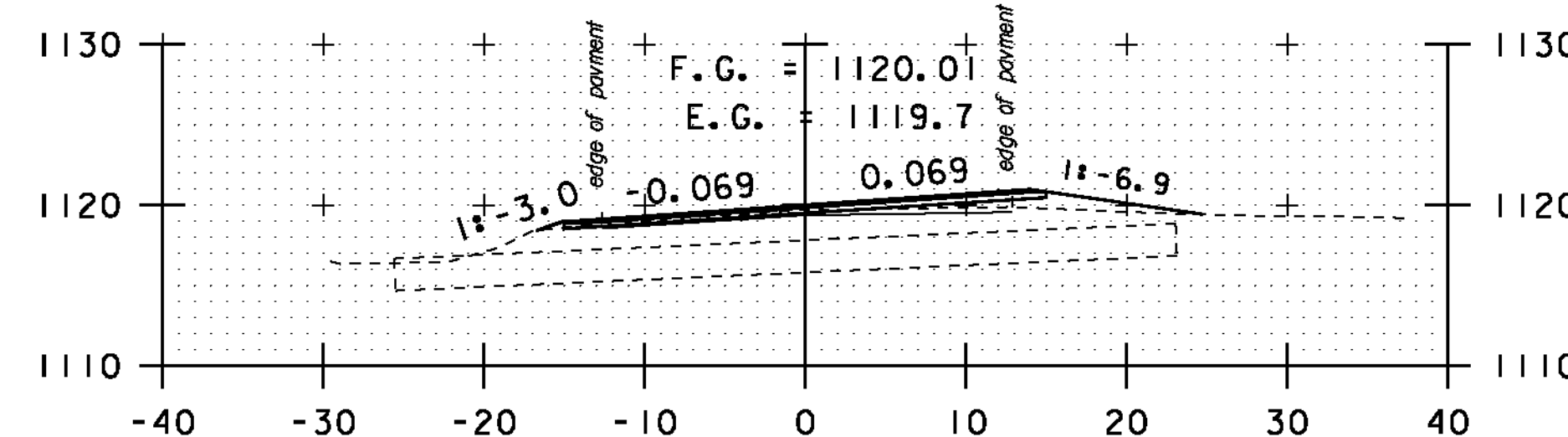
146+50



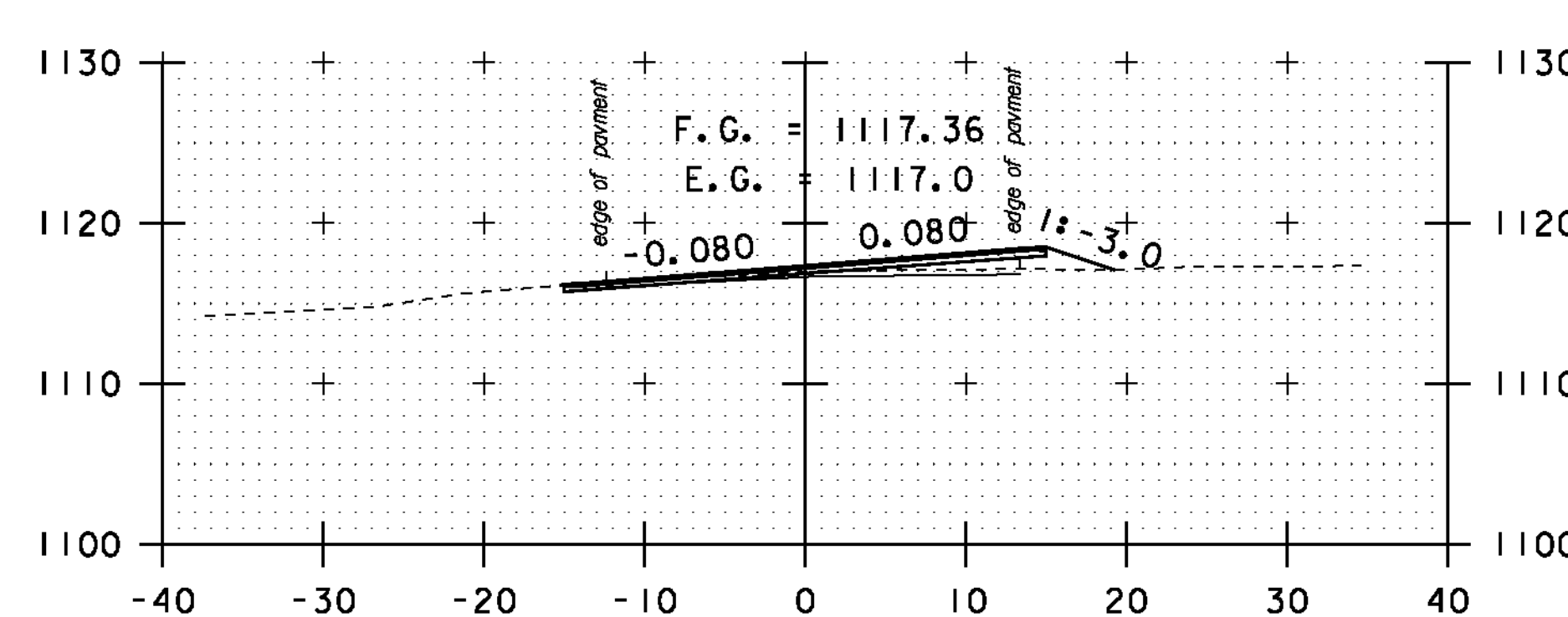
150+00



149+50



149+00



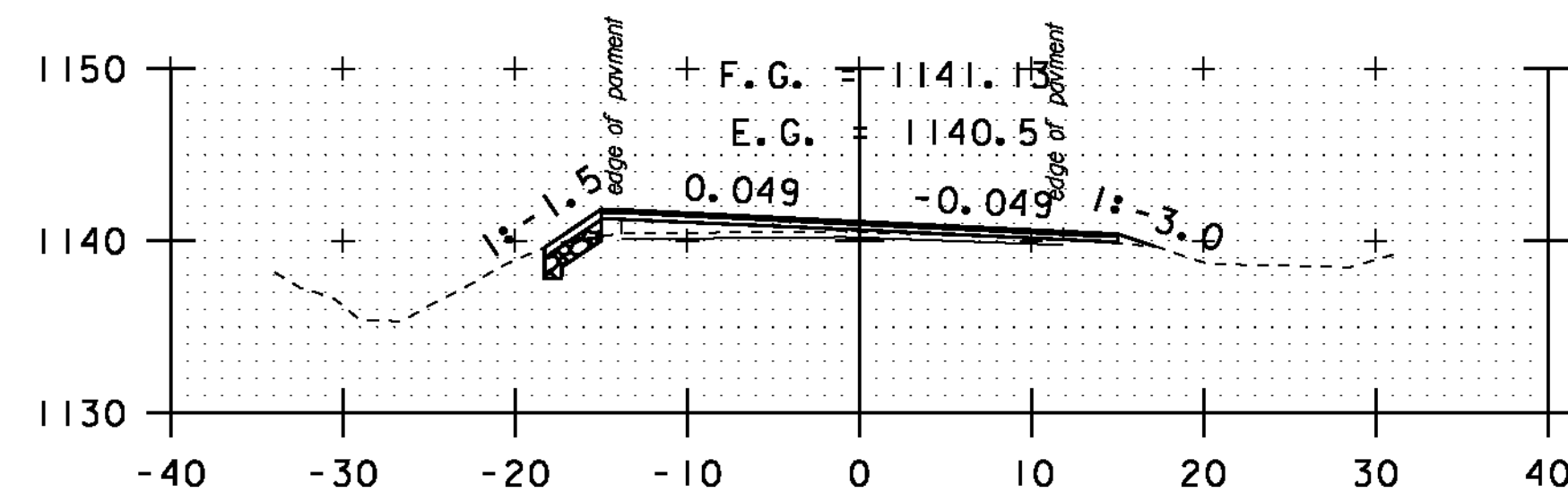
148+50

STA. 144+50 TO STA. 150+00

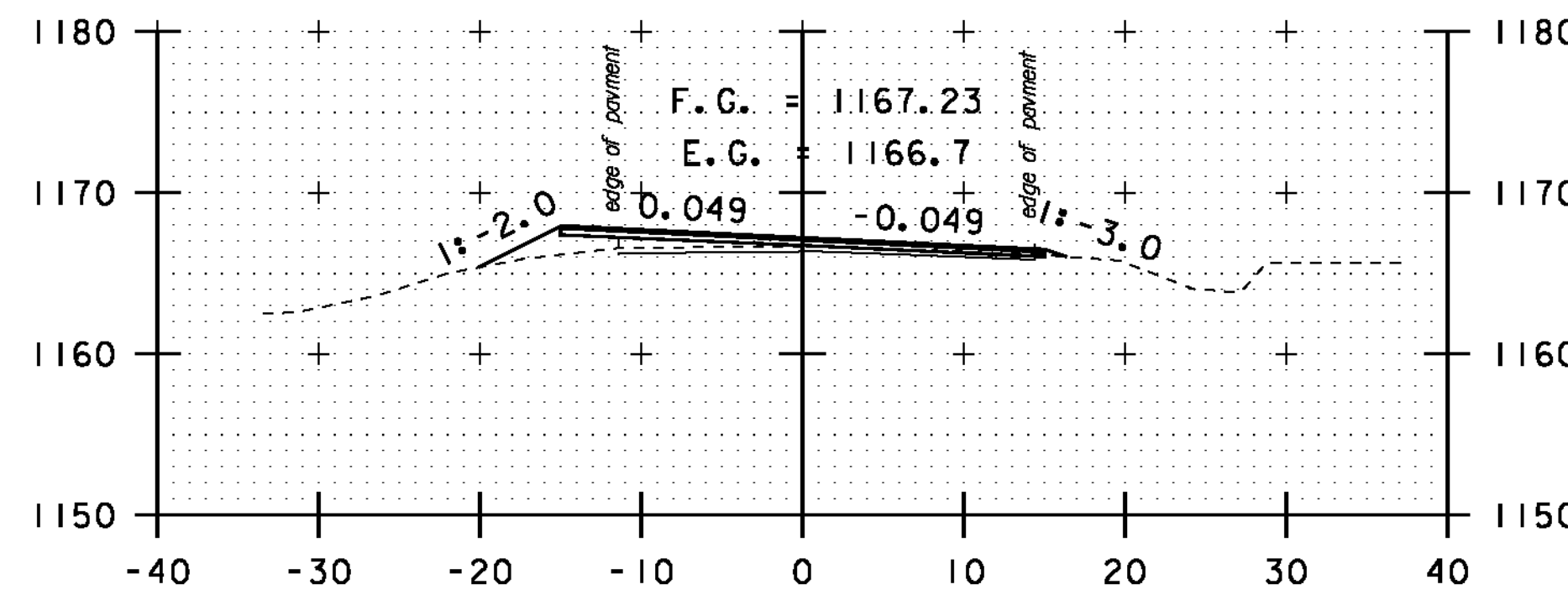
SCALE 1" = 10'-0"

CROSS
SECTION
SHEET 28

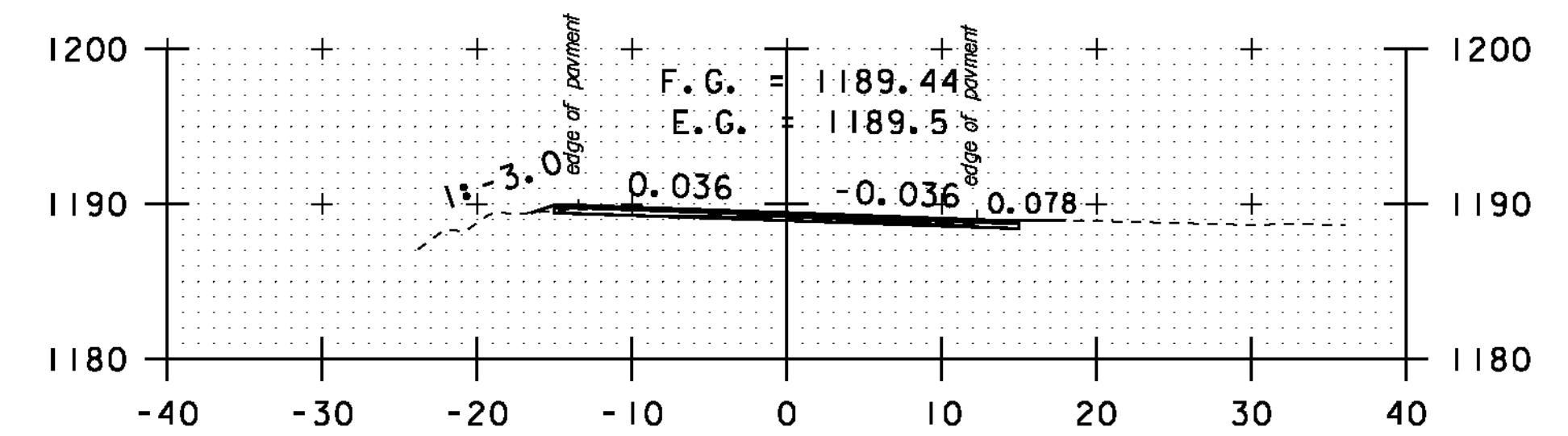
PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(1)
FILE NAME: p10C190.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C190_142.1
PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: CDL
SHEET 142 OF 178



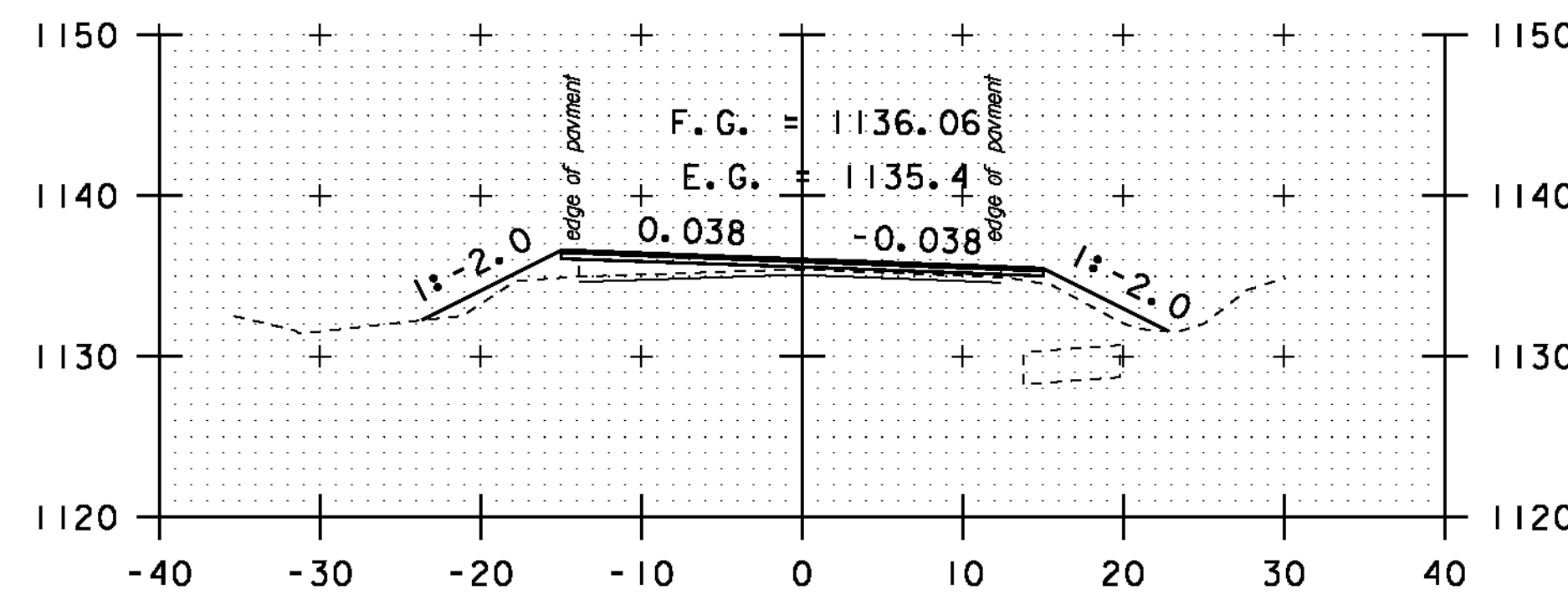
152+00



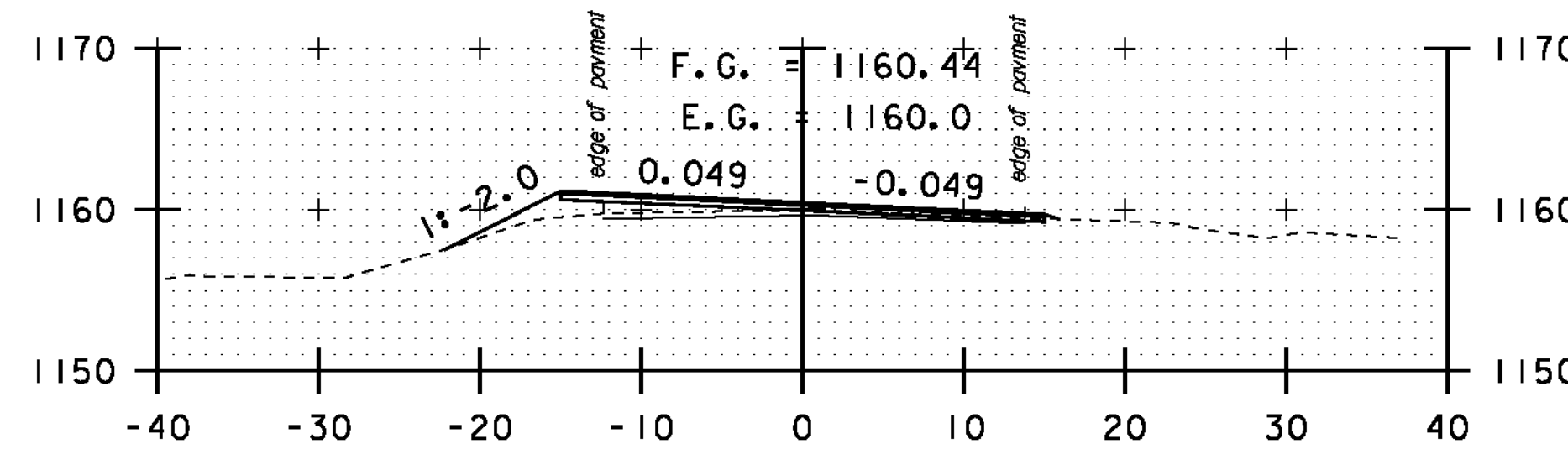
154+00



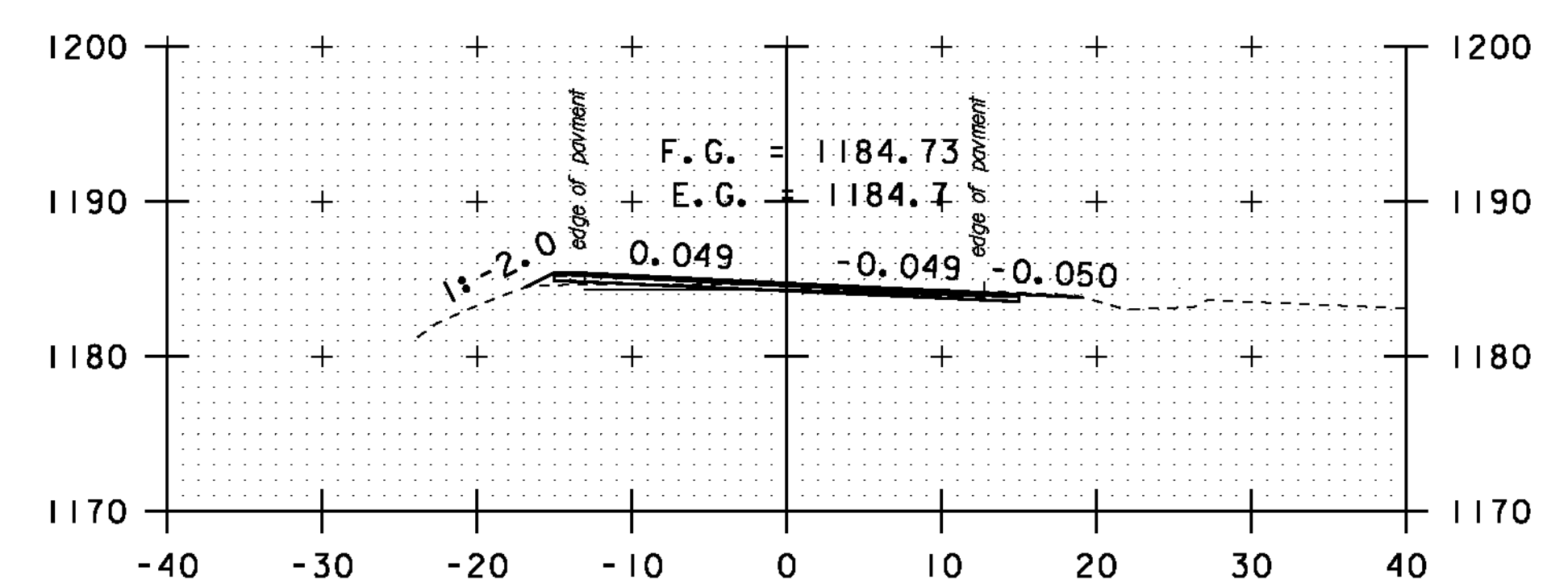
DRIVE RT
156+00



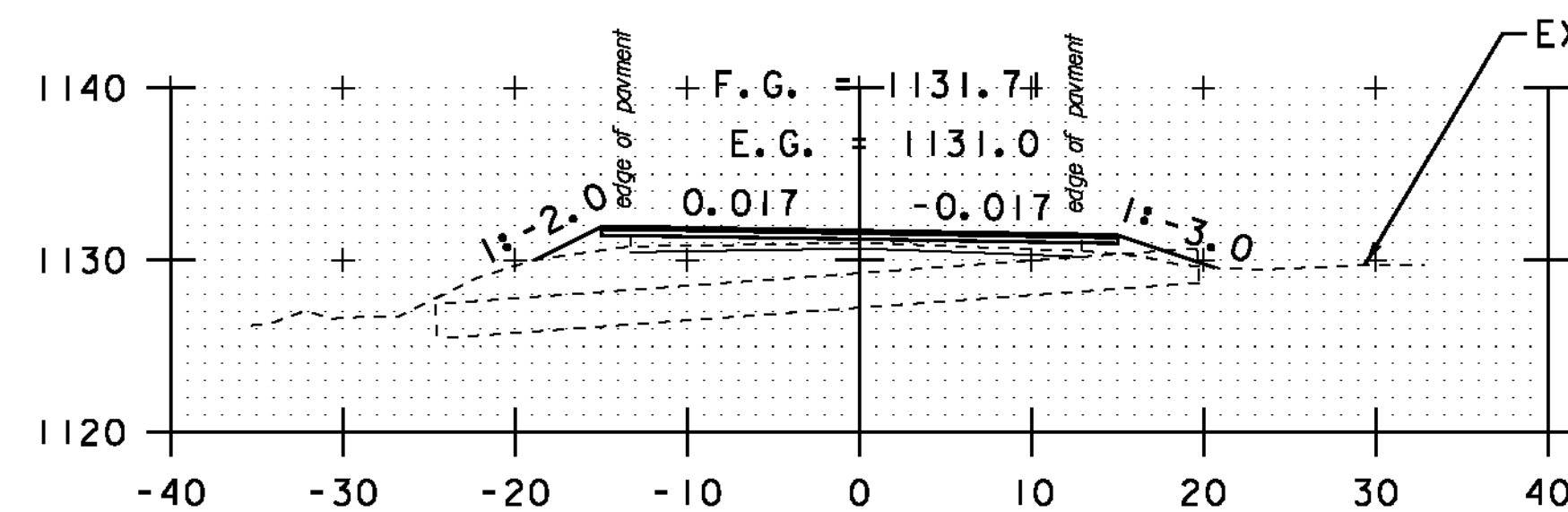
151+50



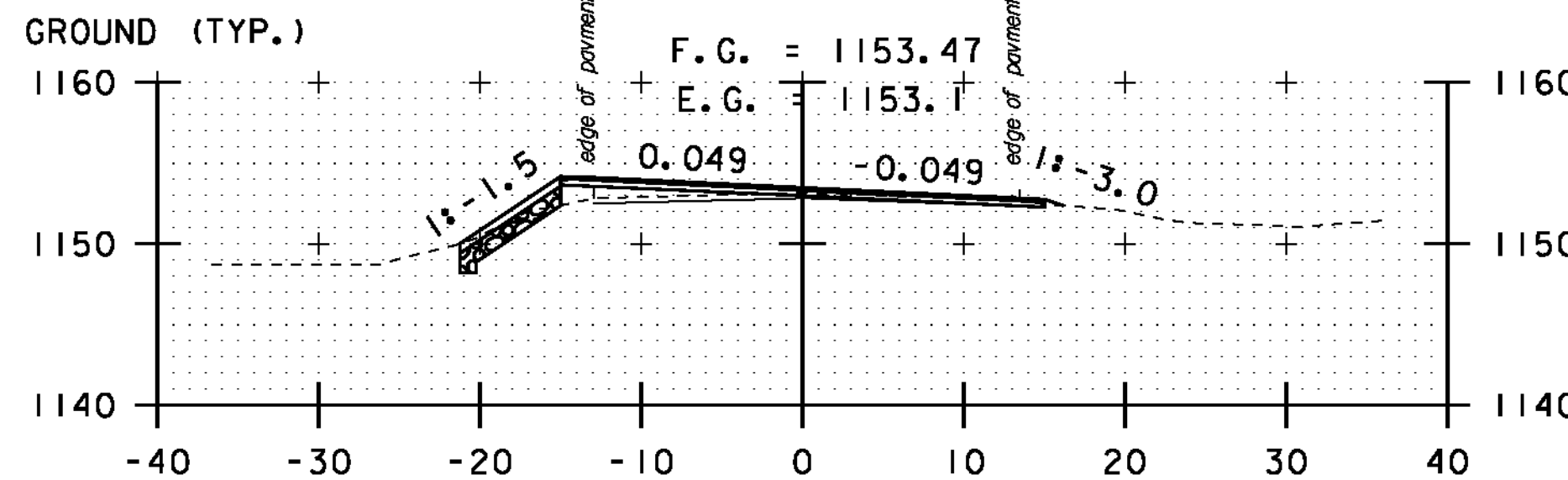
153+50



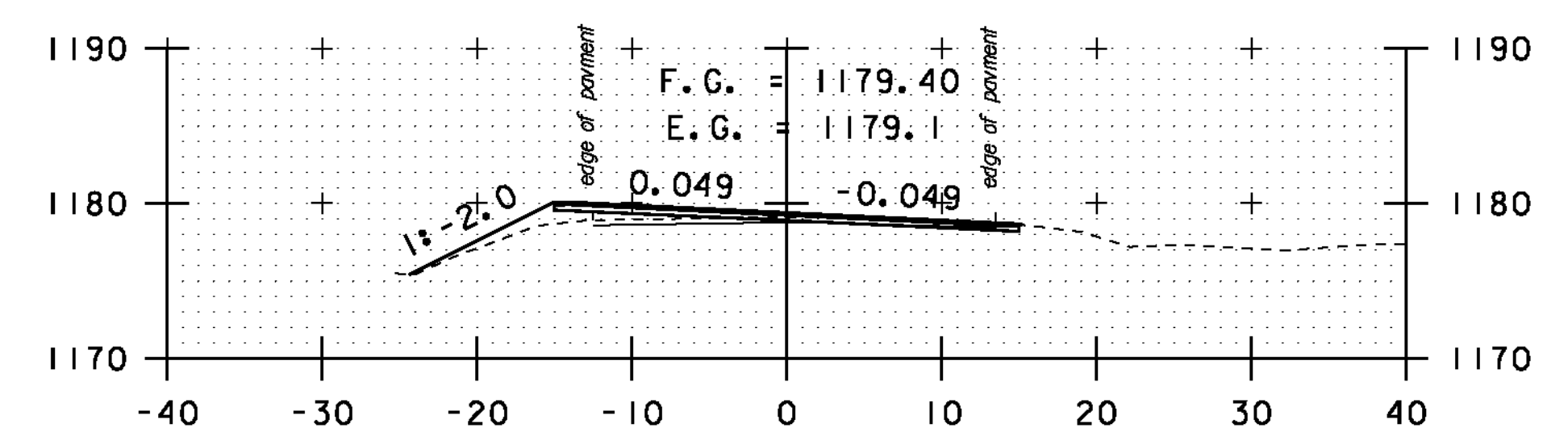
155+50



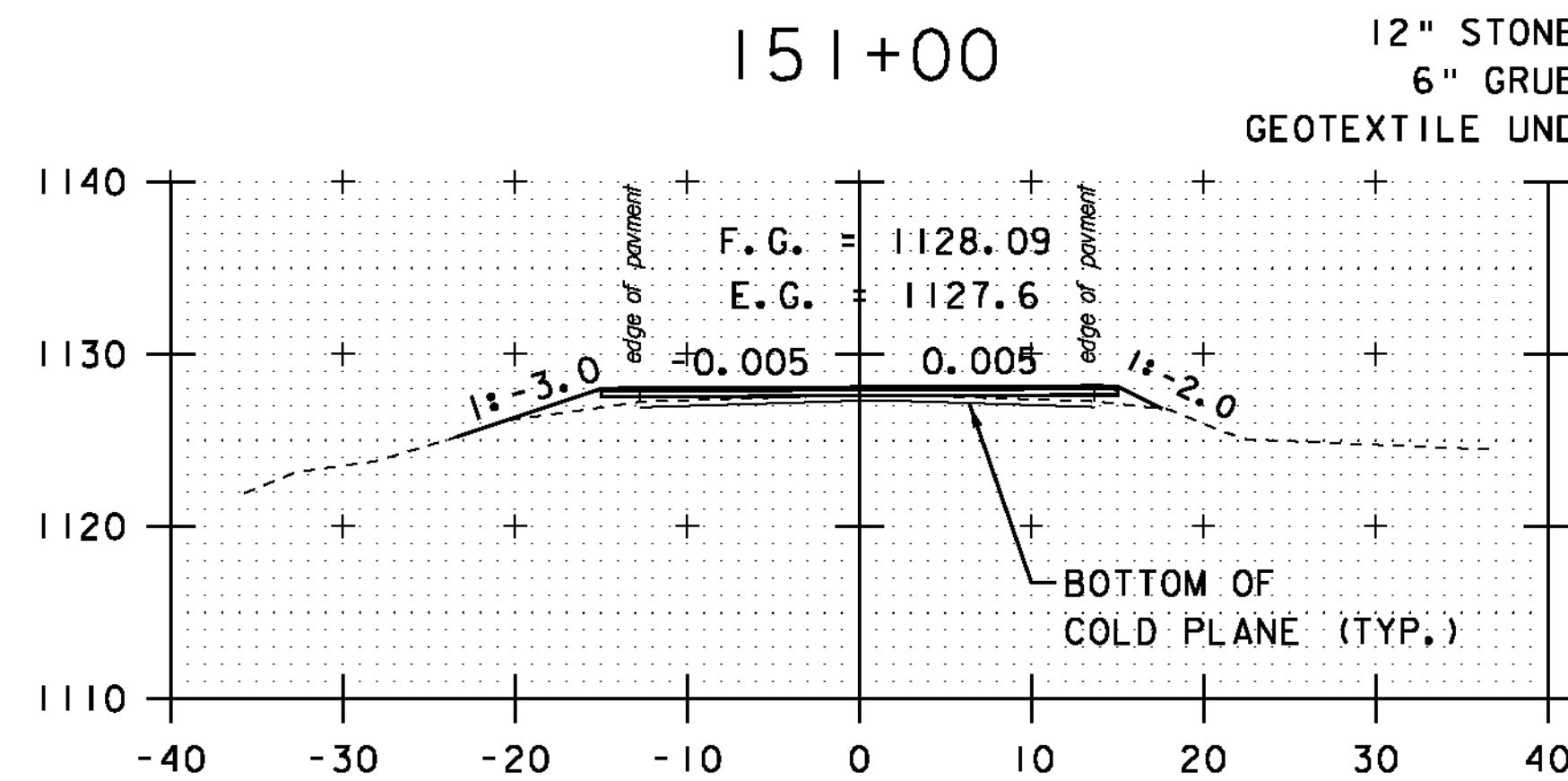
151+00



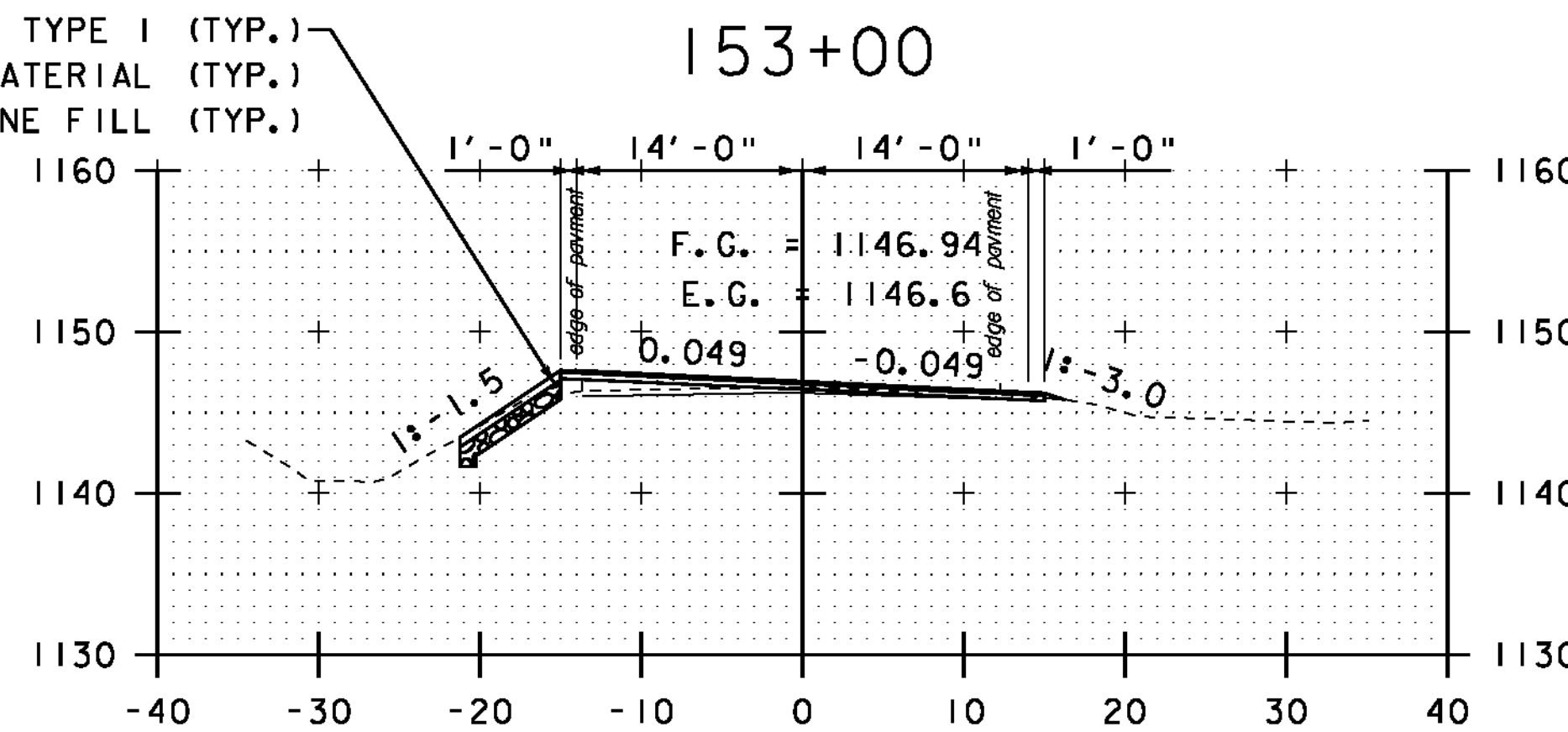
153+00



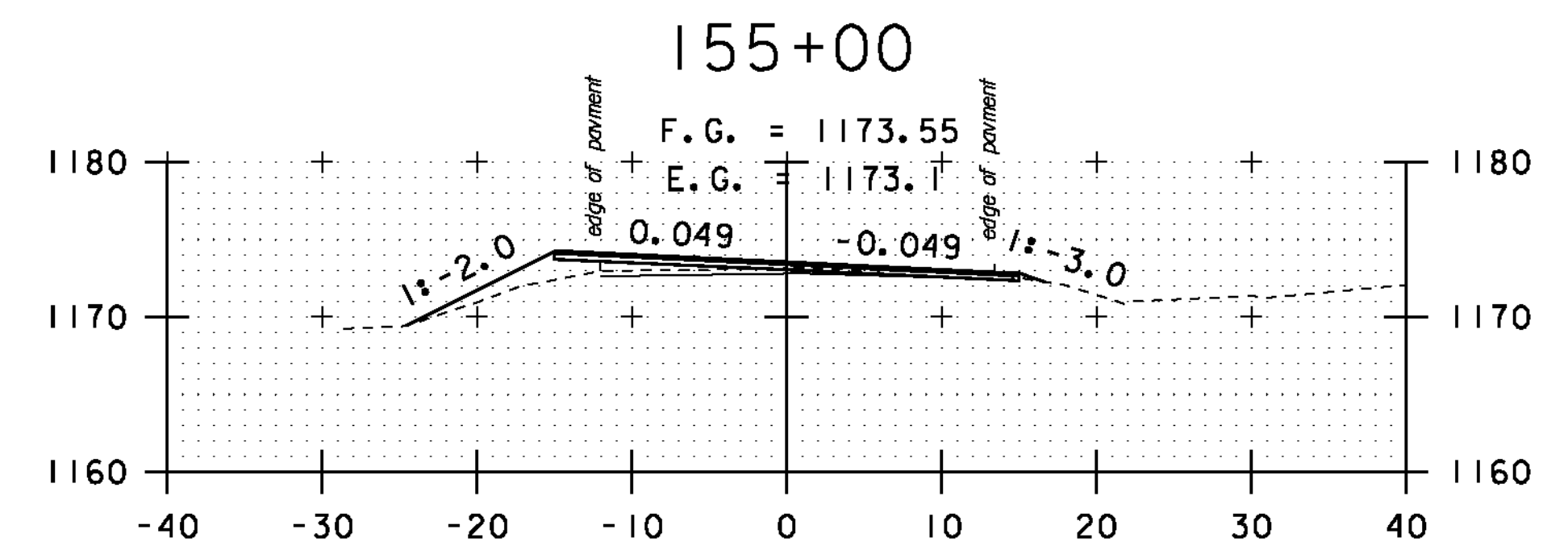
155+00



150+50



152+50



154+50

STA. 150+50 TO STA. 156+00

SCALE 1" = 10'-0"

**CROSS
SECTION
SHEET 29**

PROJECT NAME: MONTGOMERY-WESTFIELD

PROJECT NUMBER: STP 2906(1)

FILE NAME: p10CI90.dgn

PROJECT LEADER: CDL

DESIGNED BY: SJL

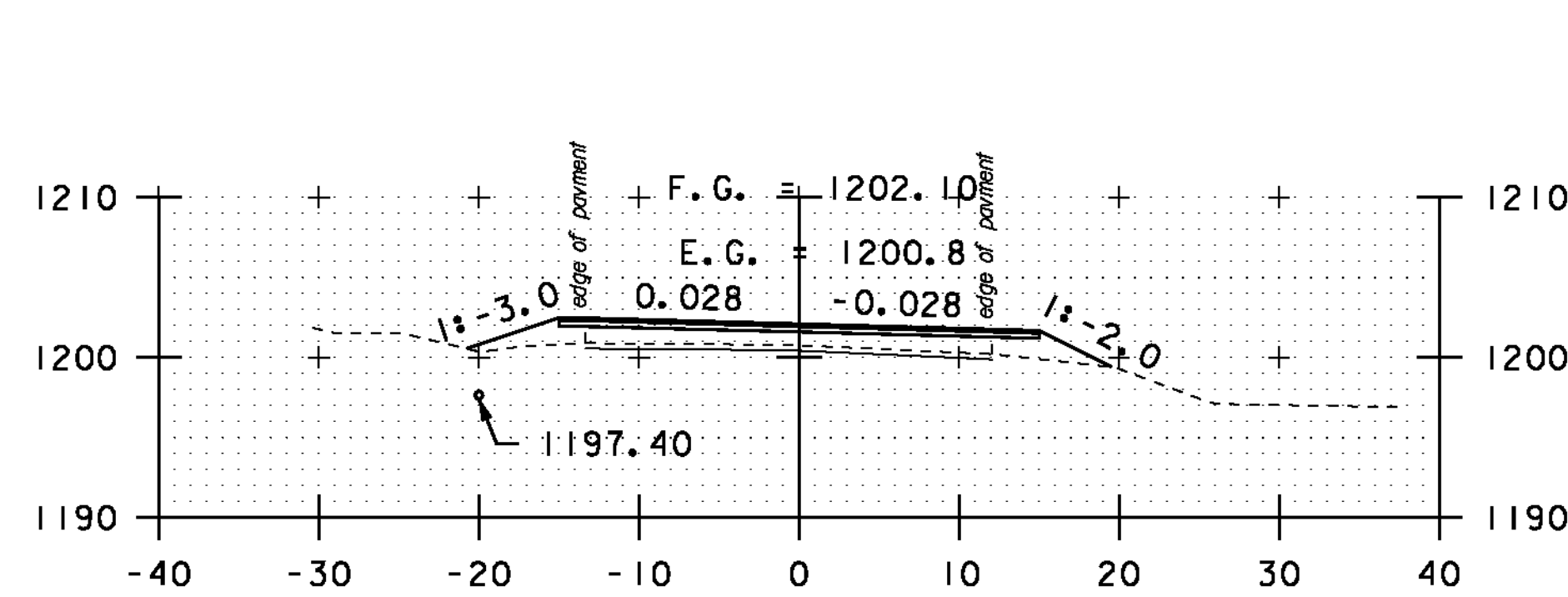
PLOT FILE: p10CI90_143.1

PLOT DATE: 9/5/12

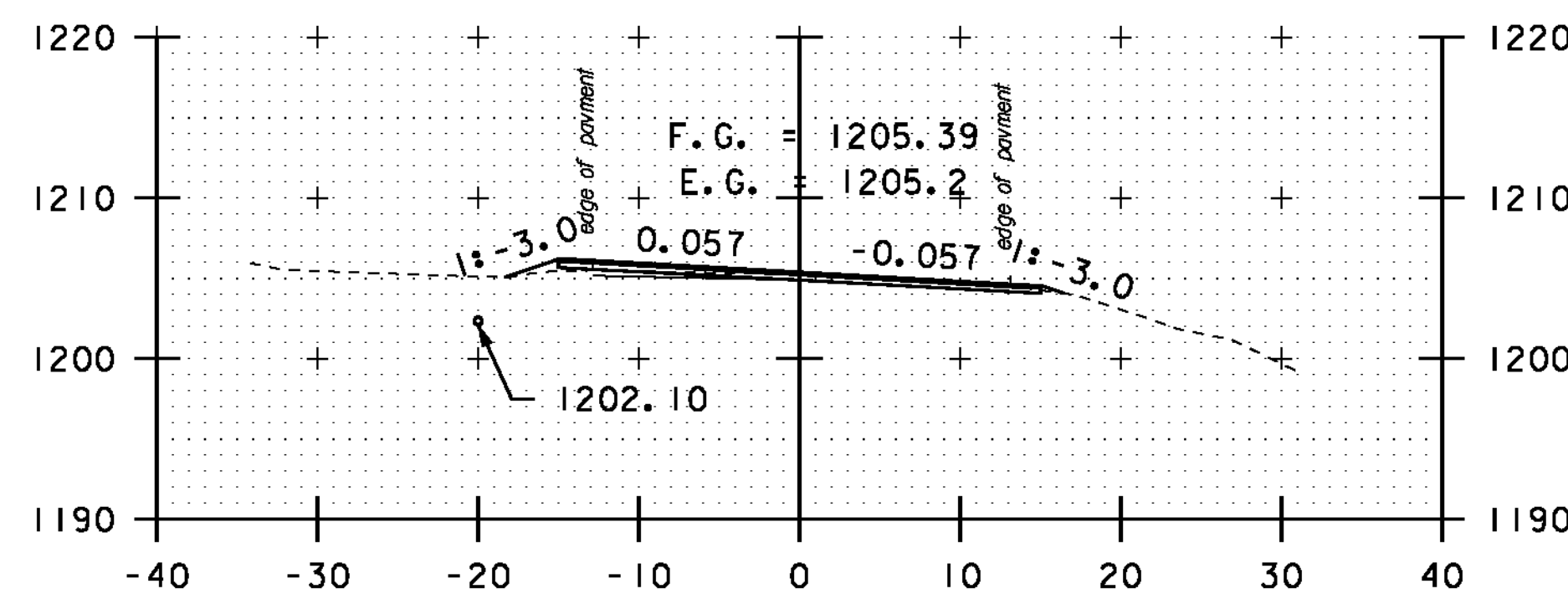
DRAWN BY: SJL

CHECKED BY: CDL

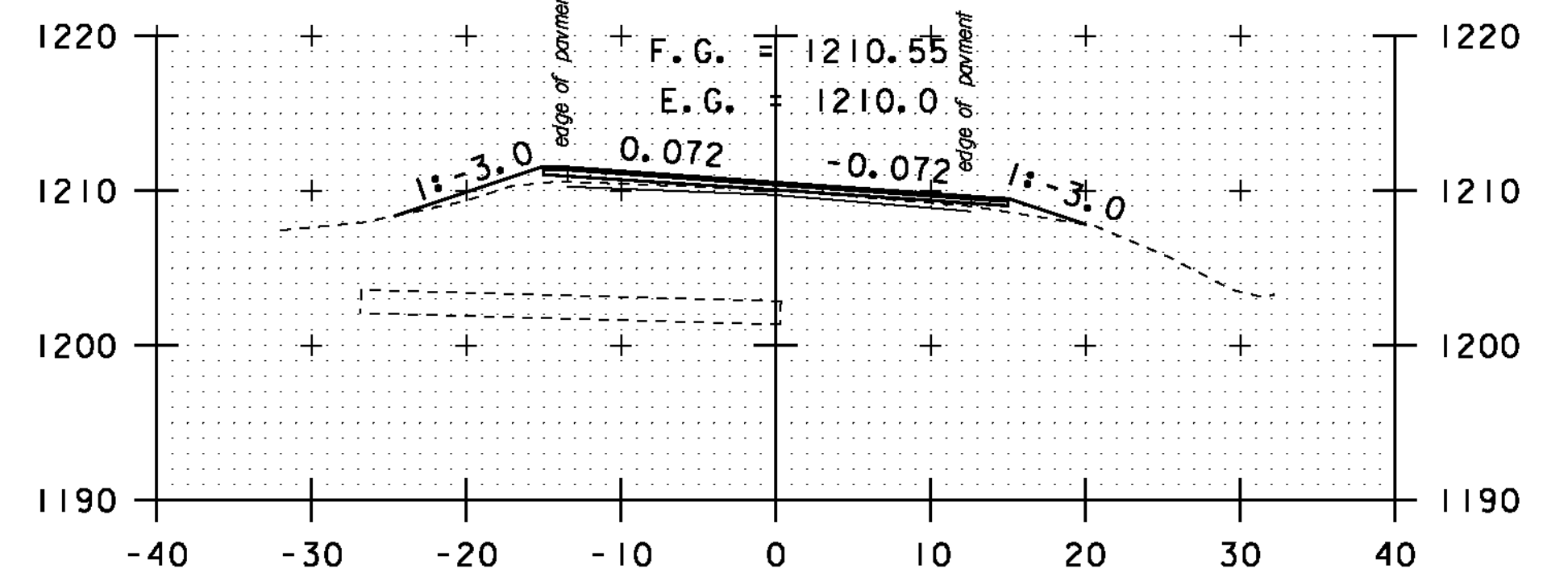
SHEET 143 OF 178



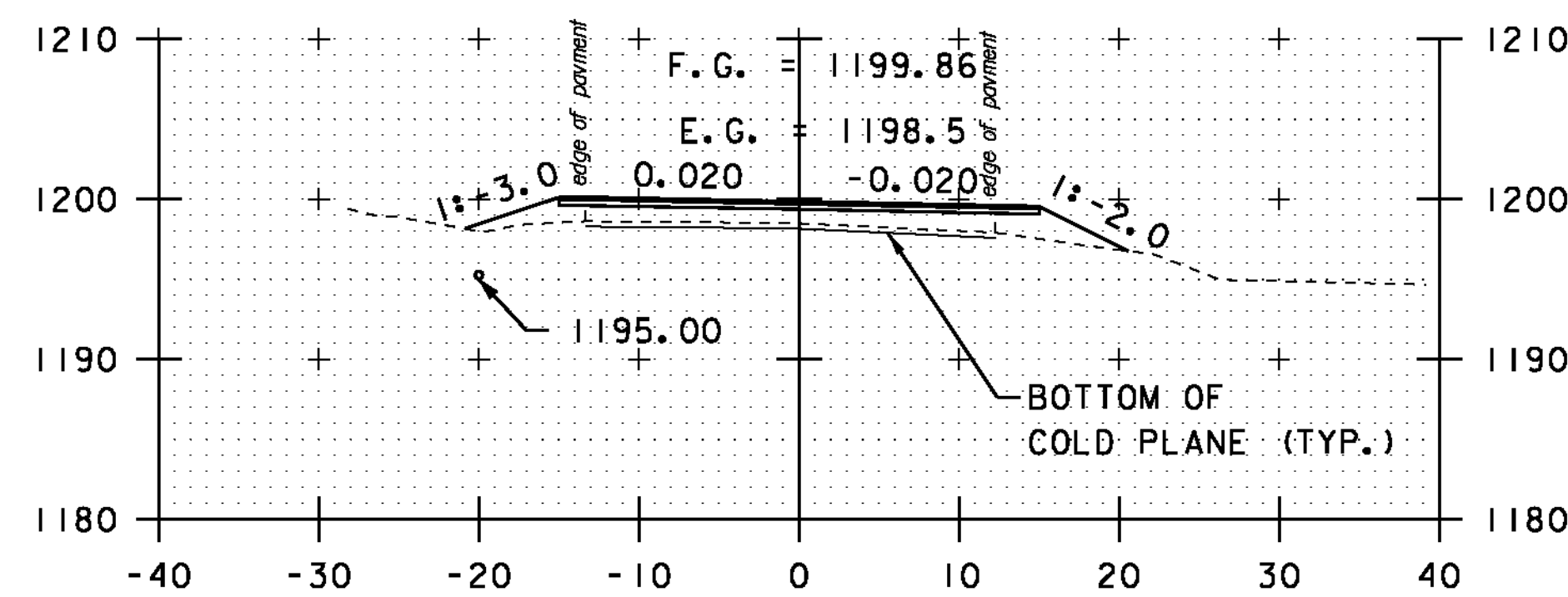
158+00



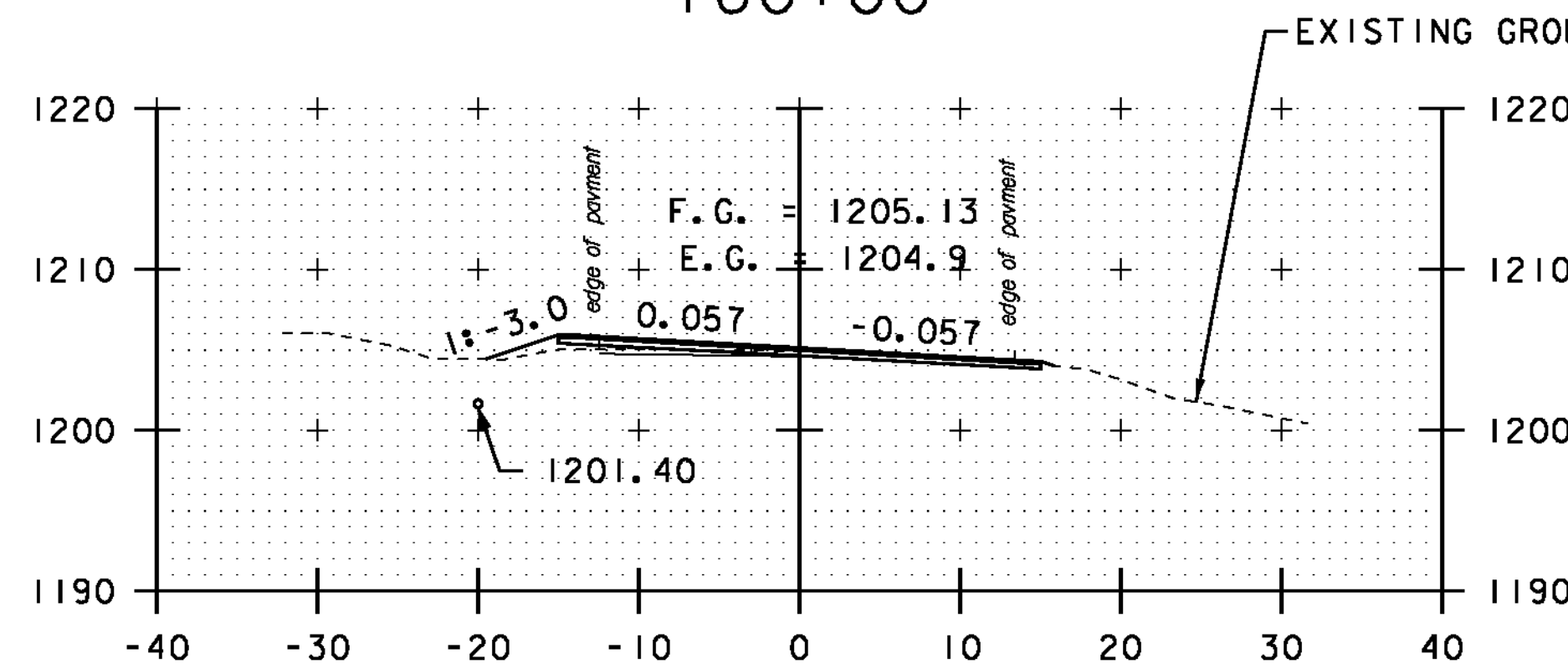
160+00



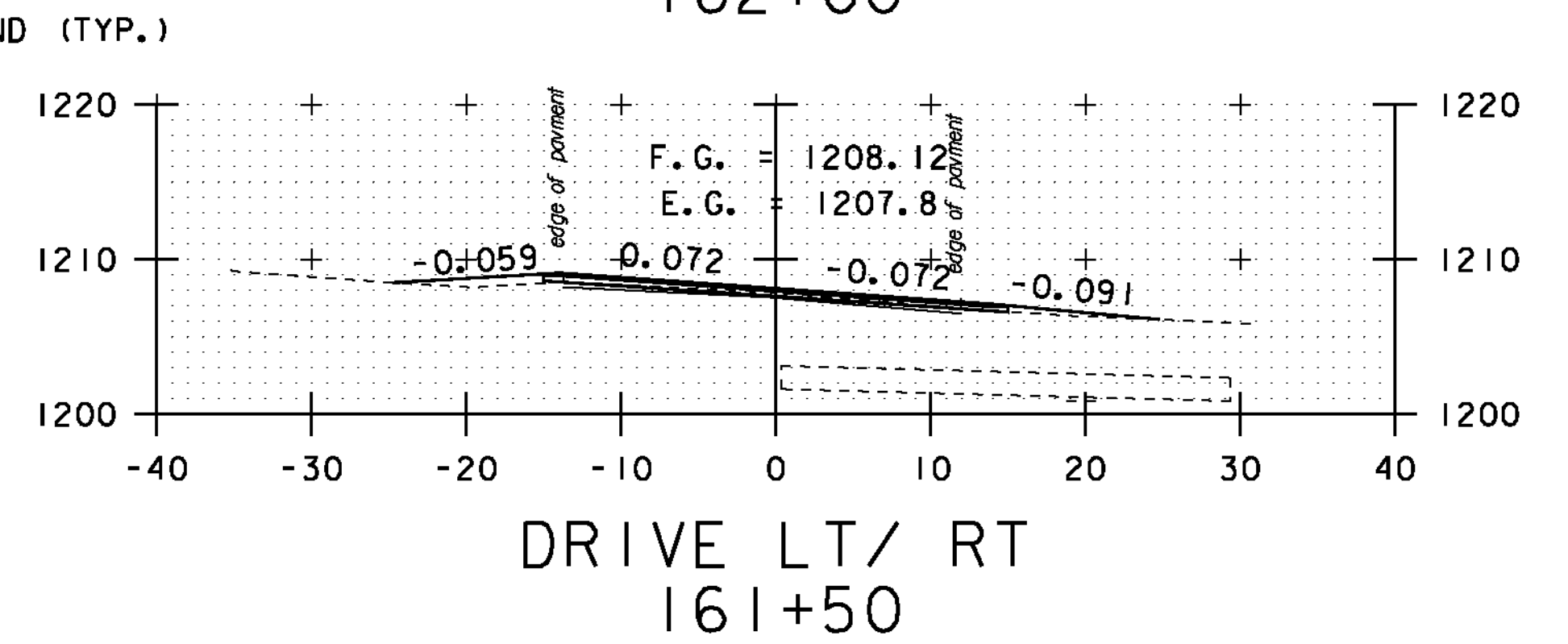
162+00



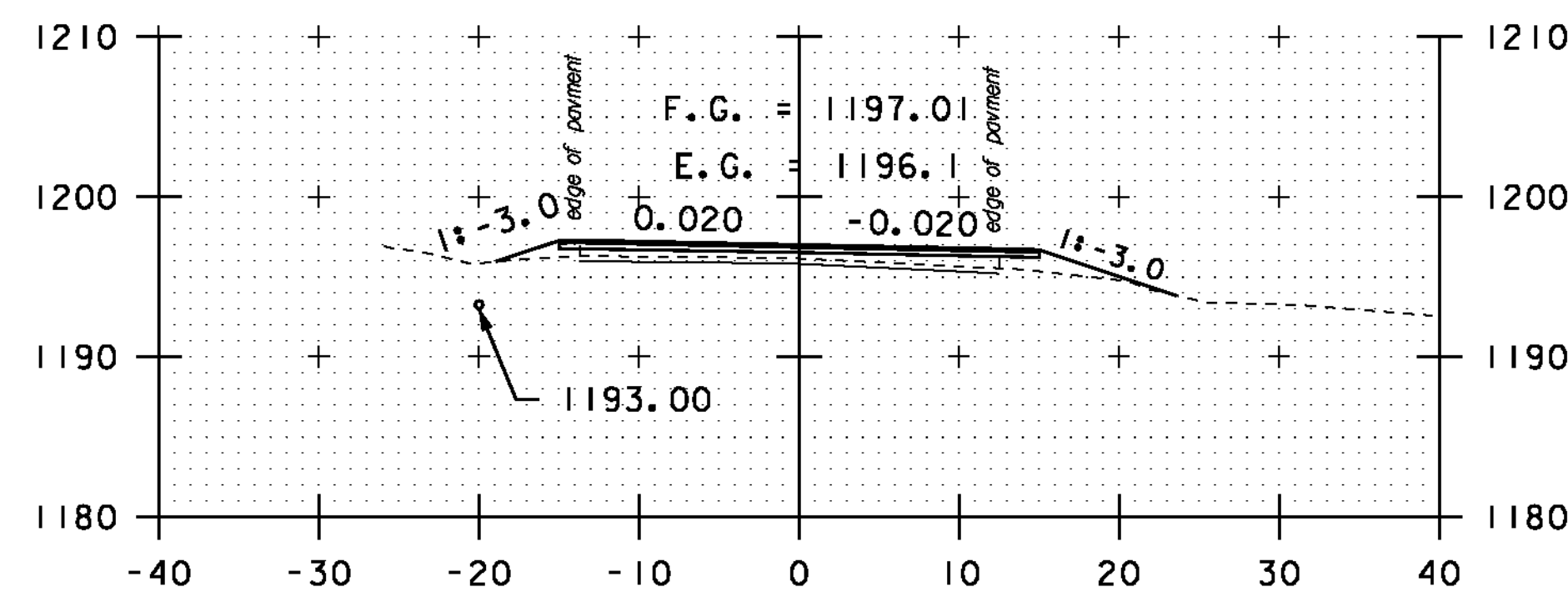
157+50



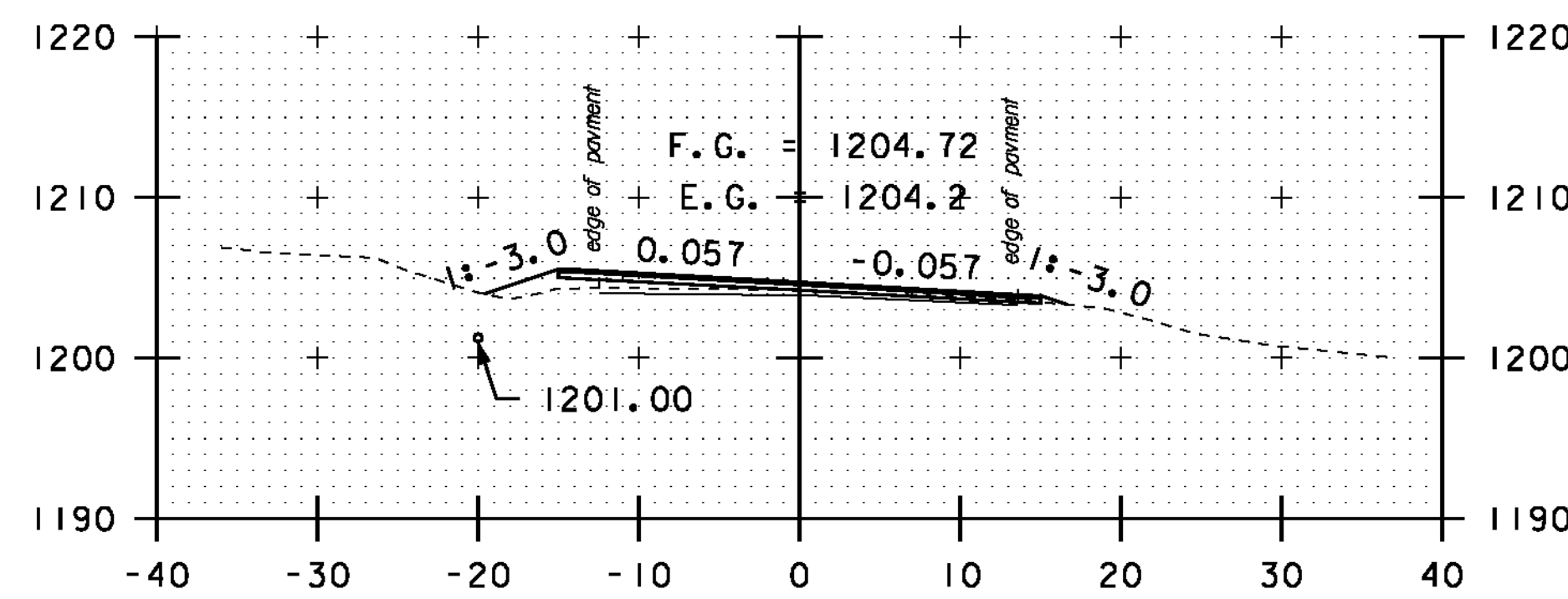
159+50



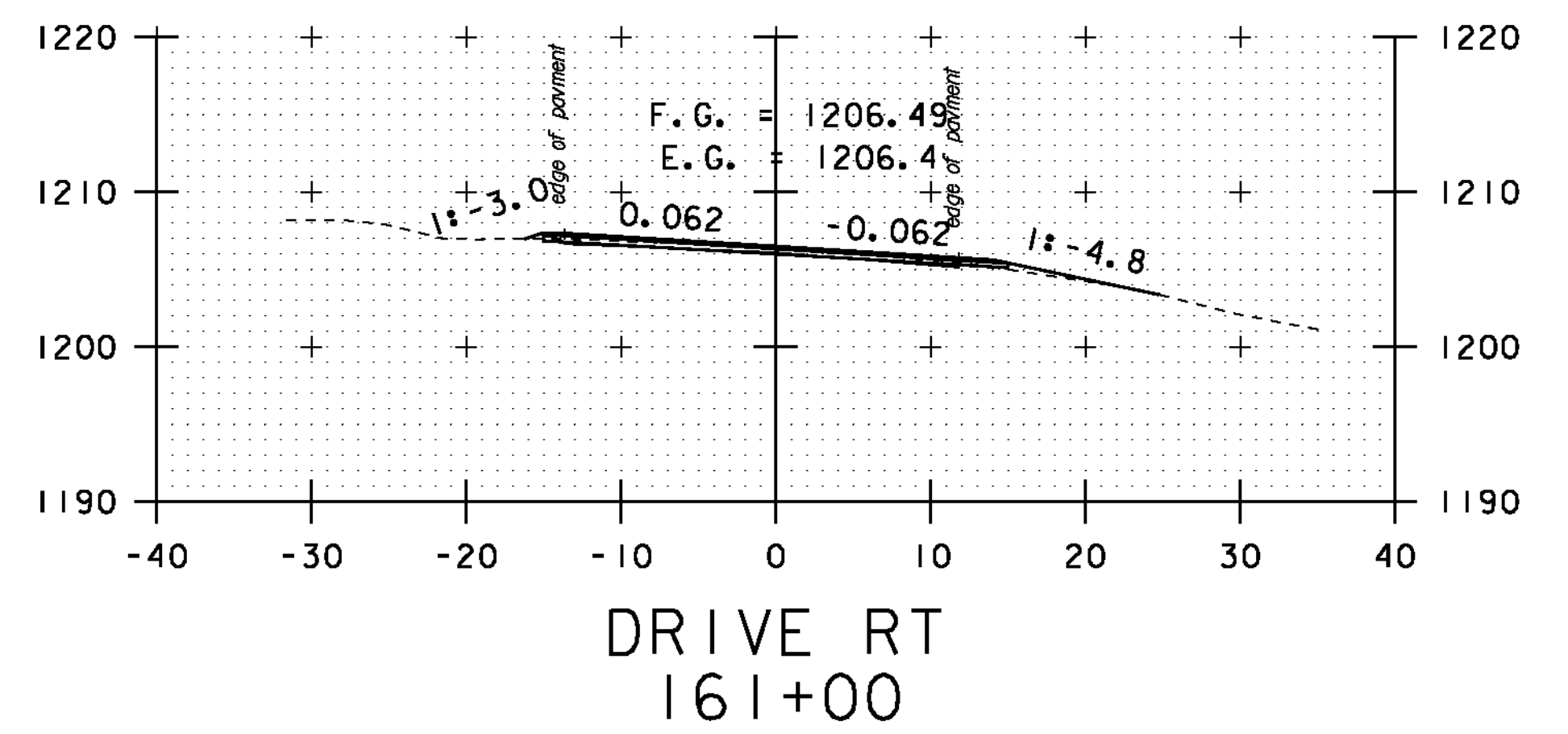
DRIVE LT/ RT
161+50



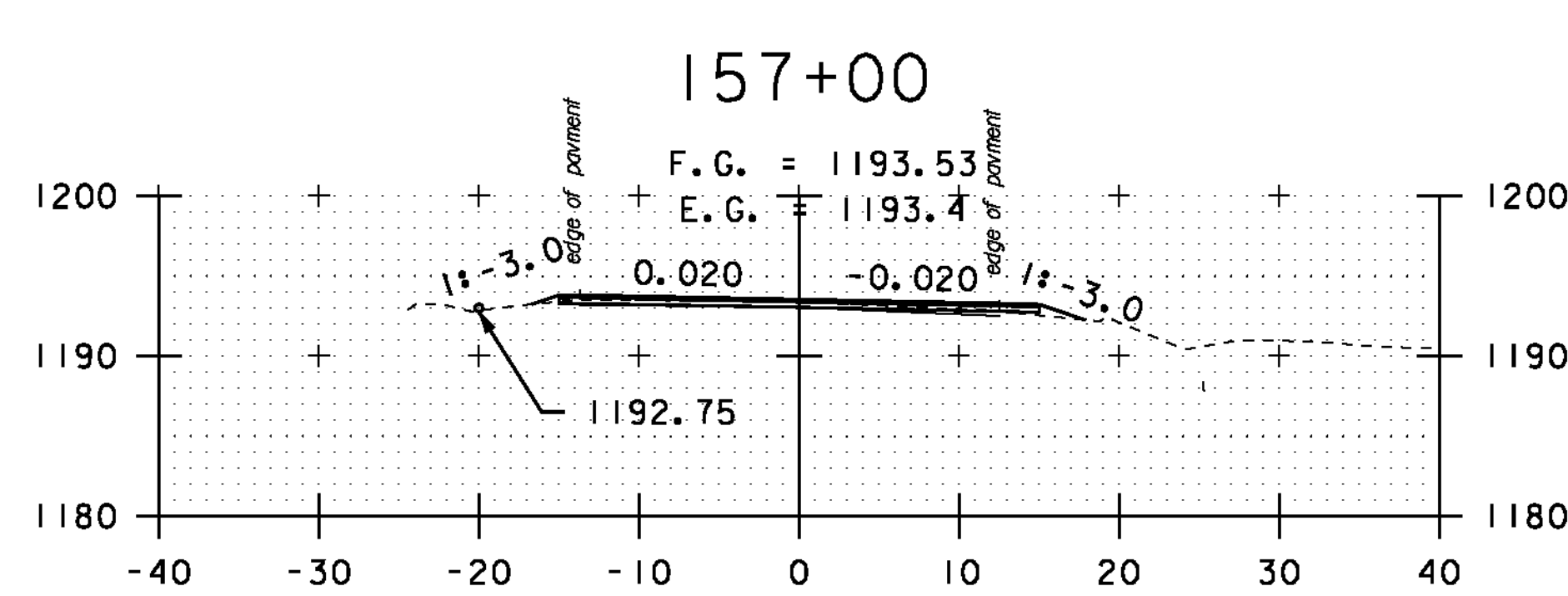
157+00



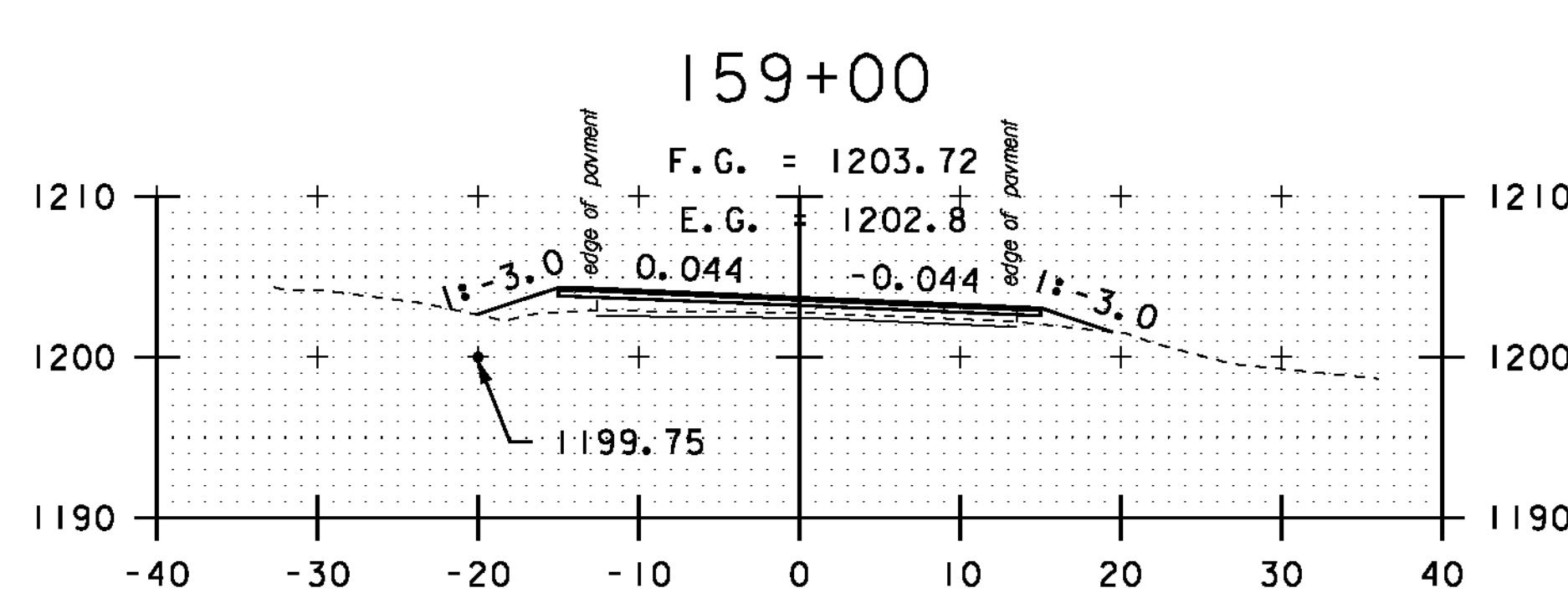
159+00



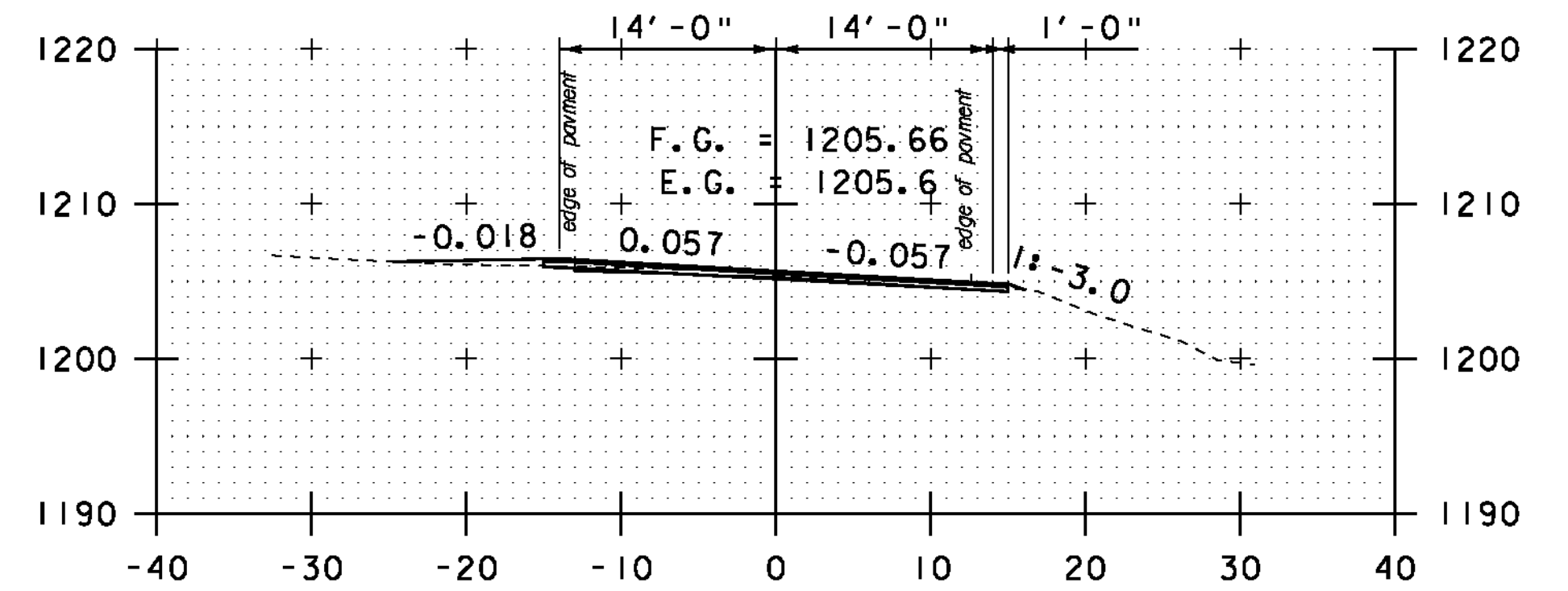
DRIVE RT
161+00



156+50



158+50



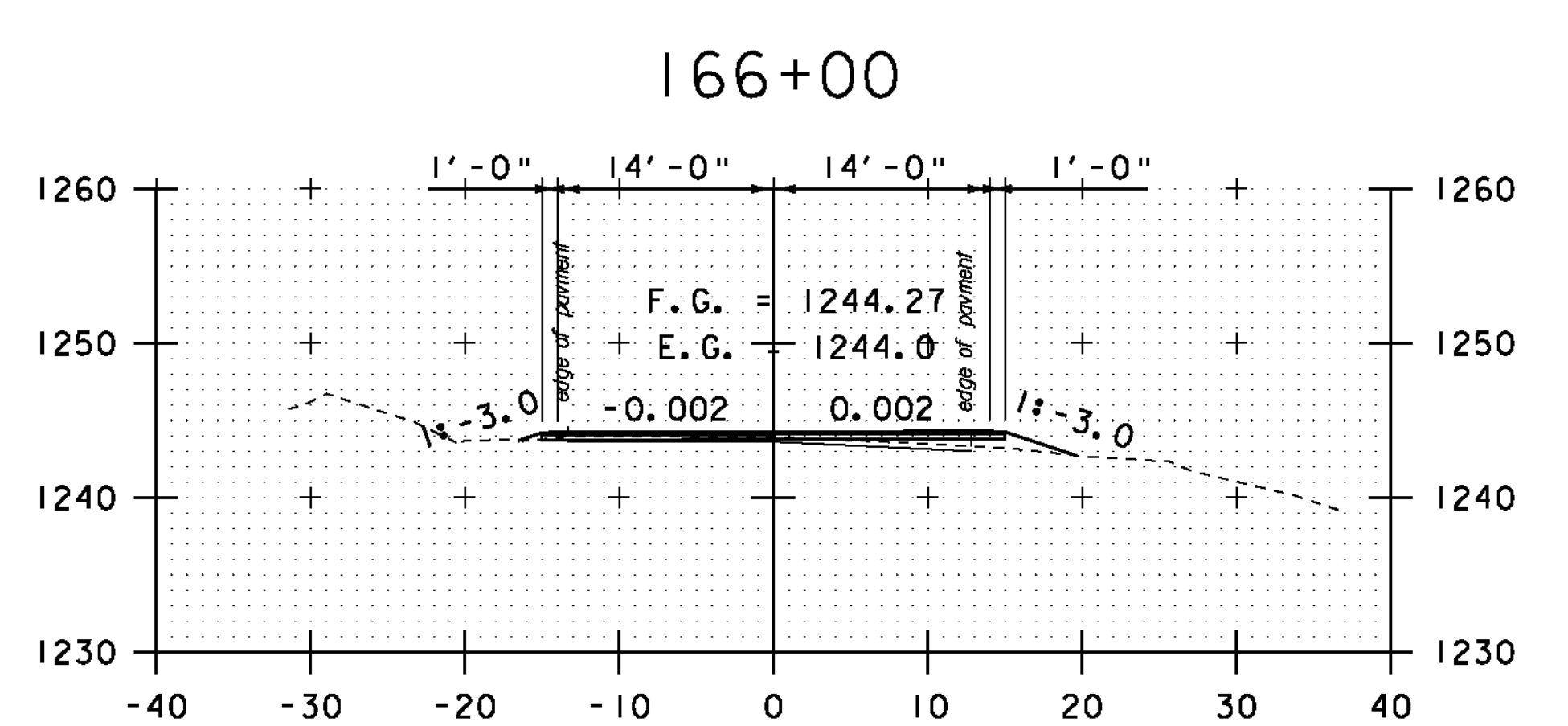
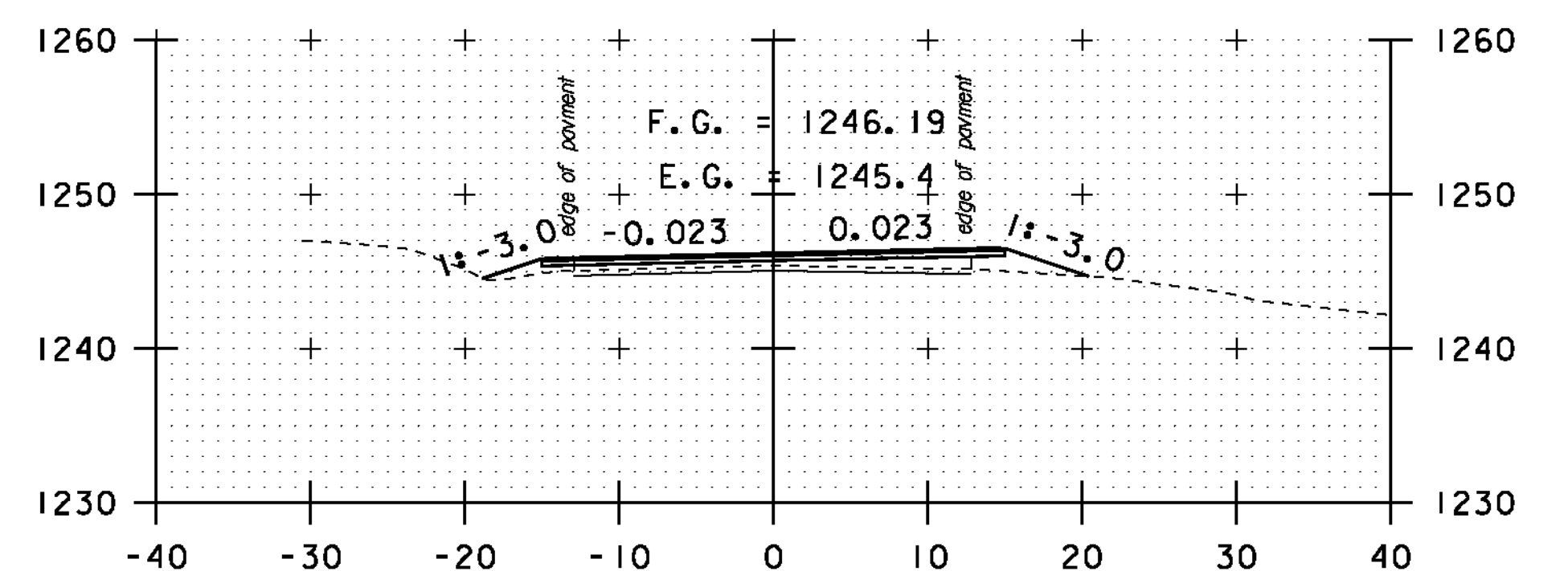
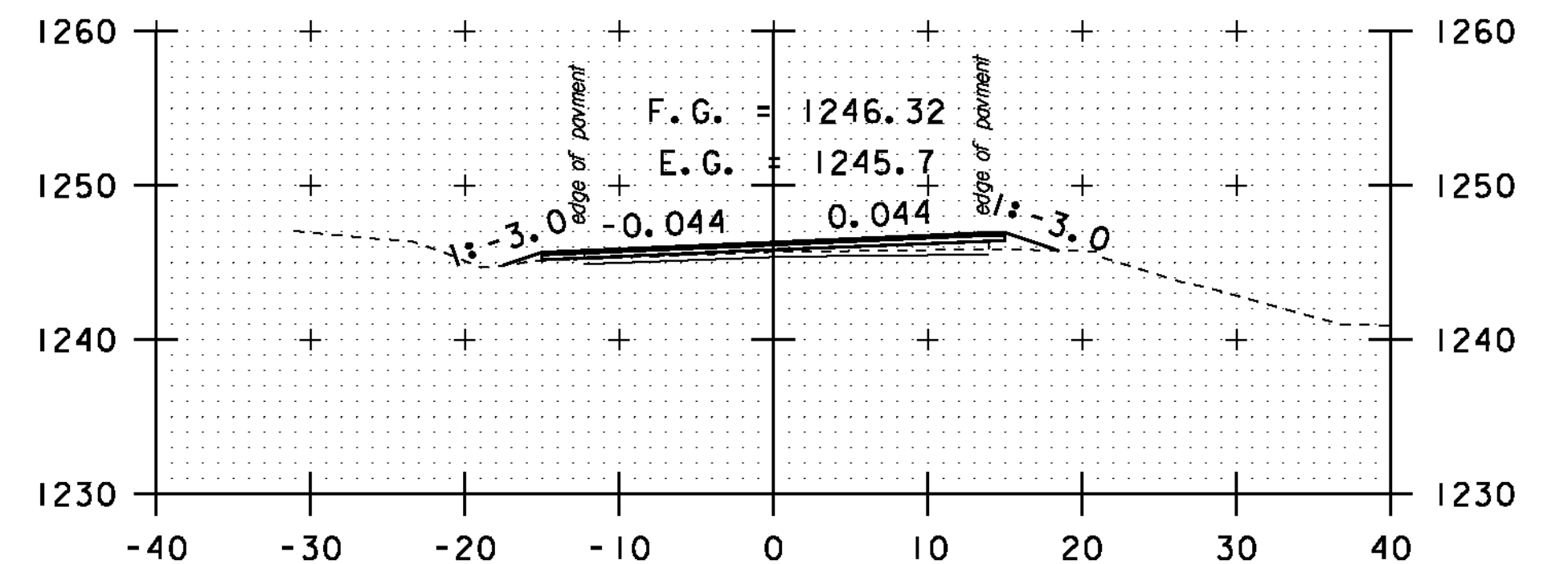
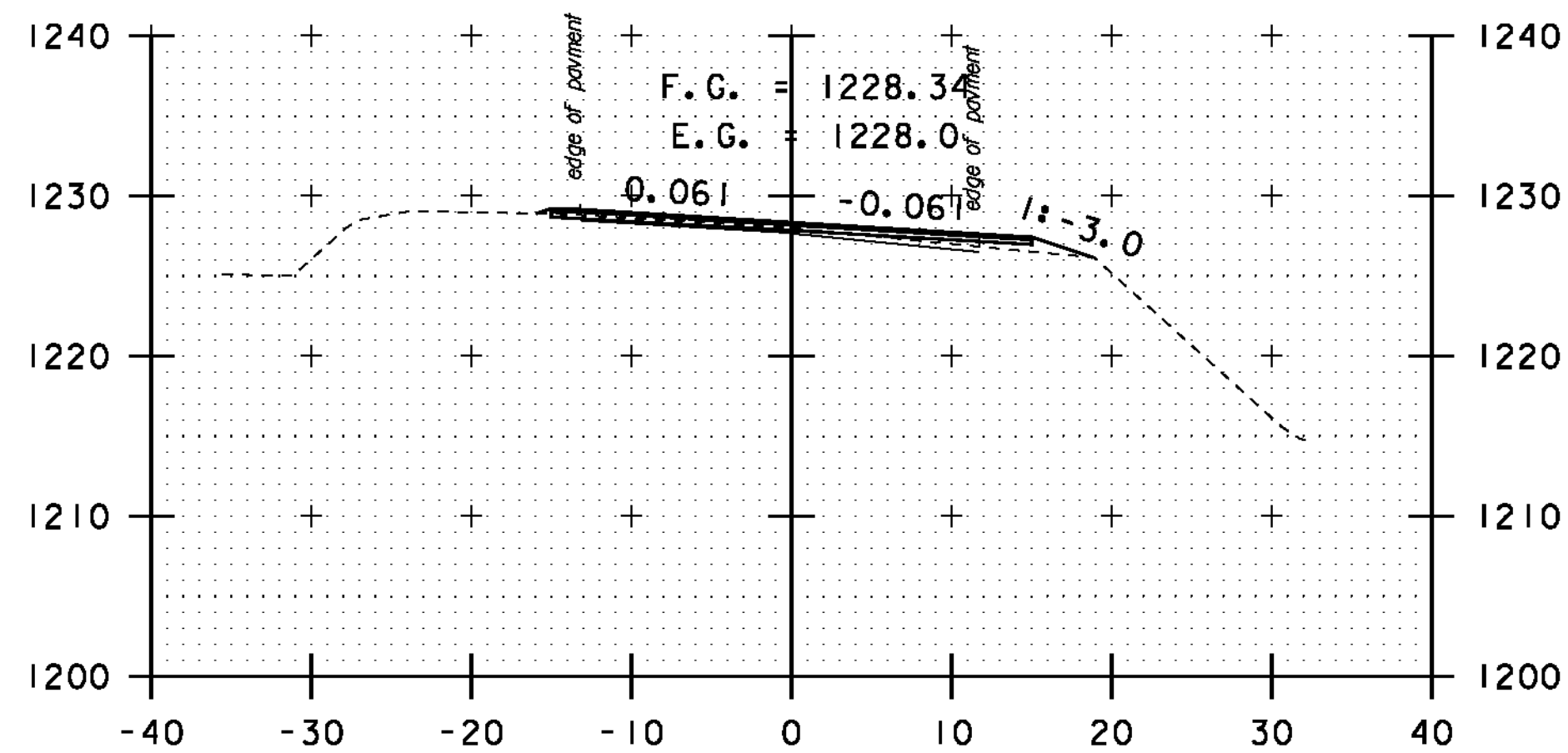
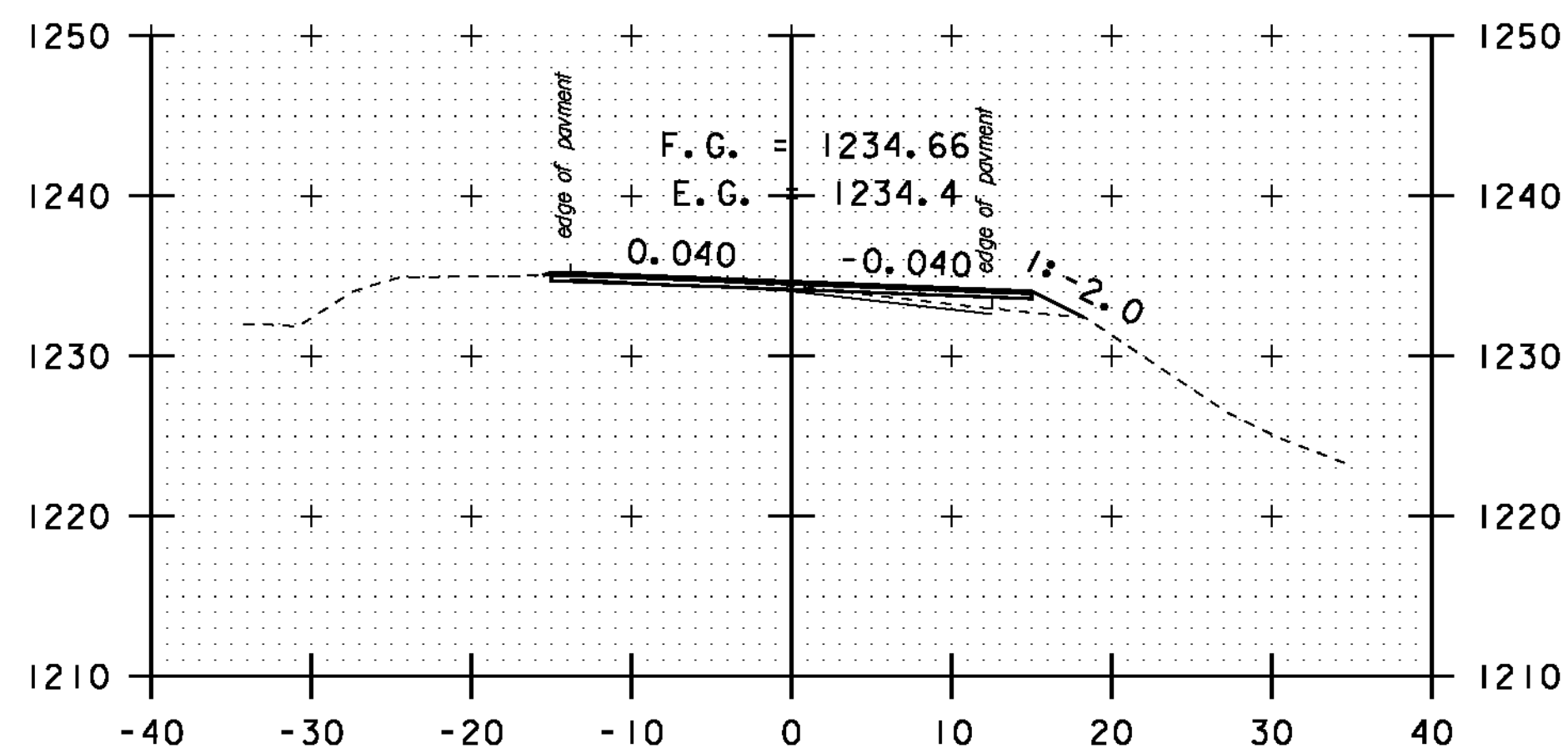
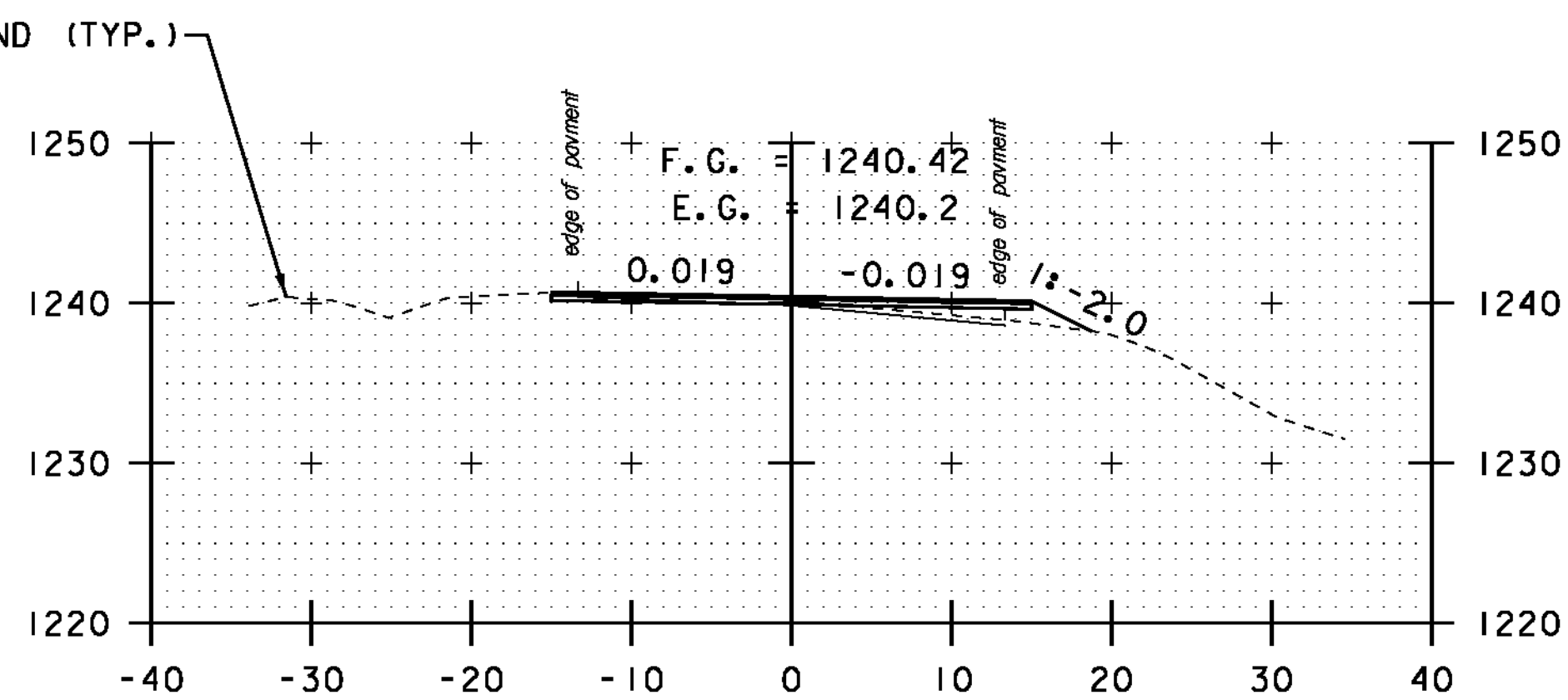
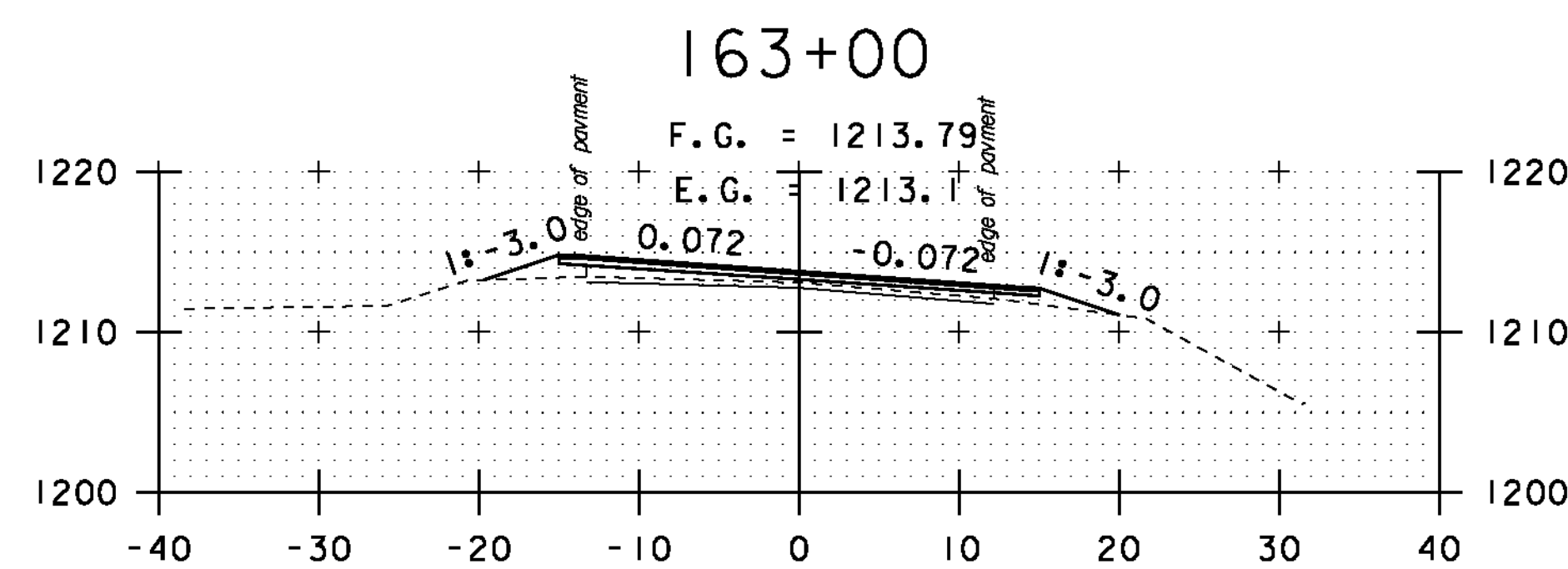
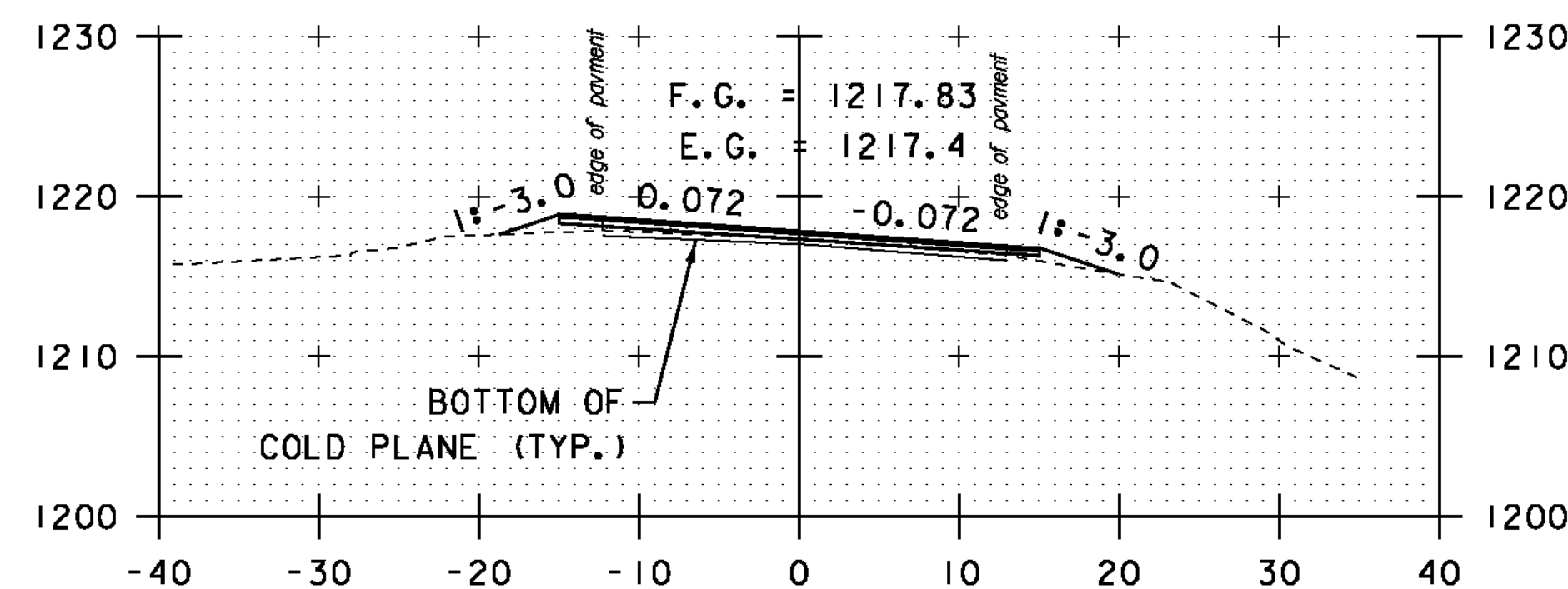
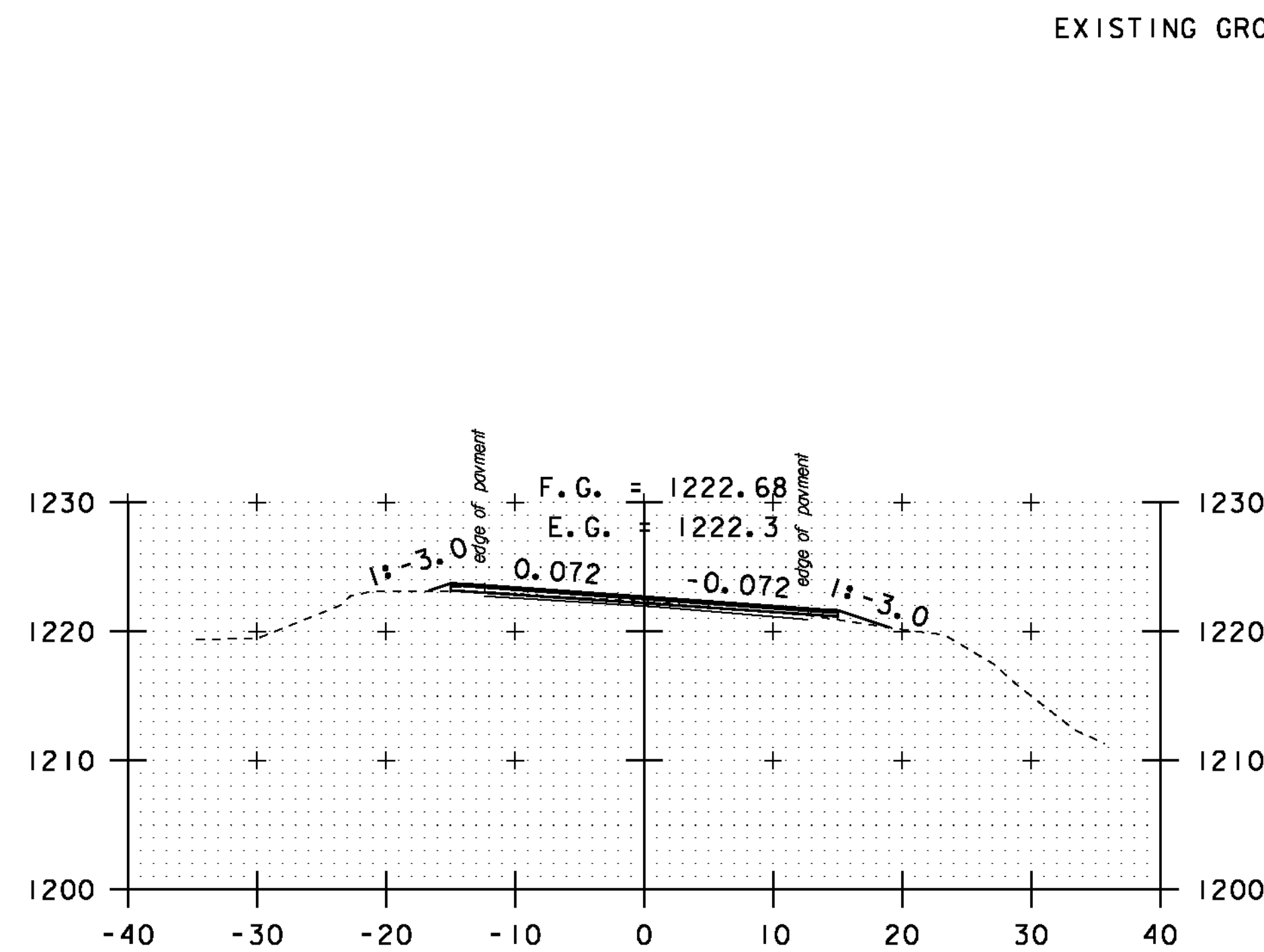
DRIVE LT
160+50

STA. 156+50 TO STA. 162+00

SCALE 1" = 10'-0"

**CROSS
SECTION
SHEET 30**

PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(1)
FILE NAME: p10CI90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10CI90_144.1
PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: CDL
SHEET 144 OF 178

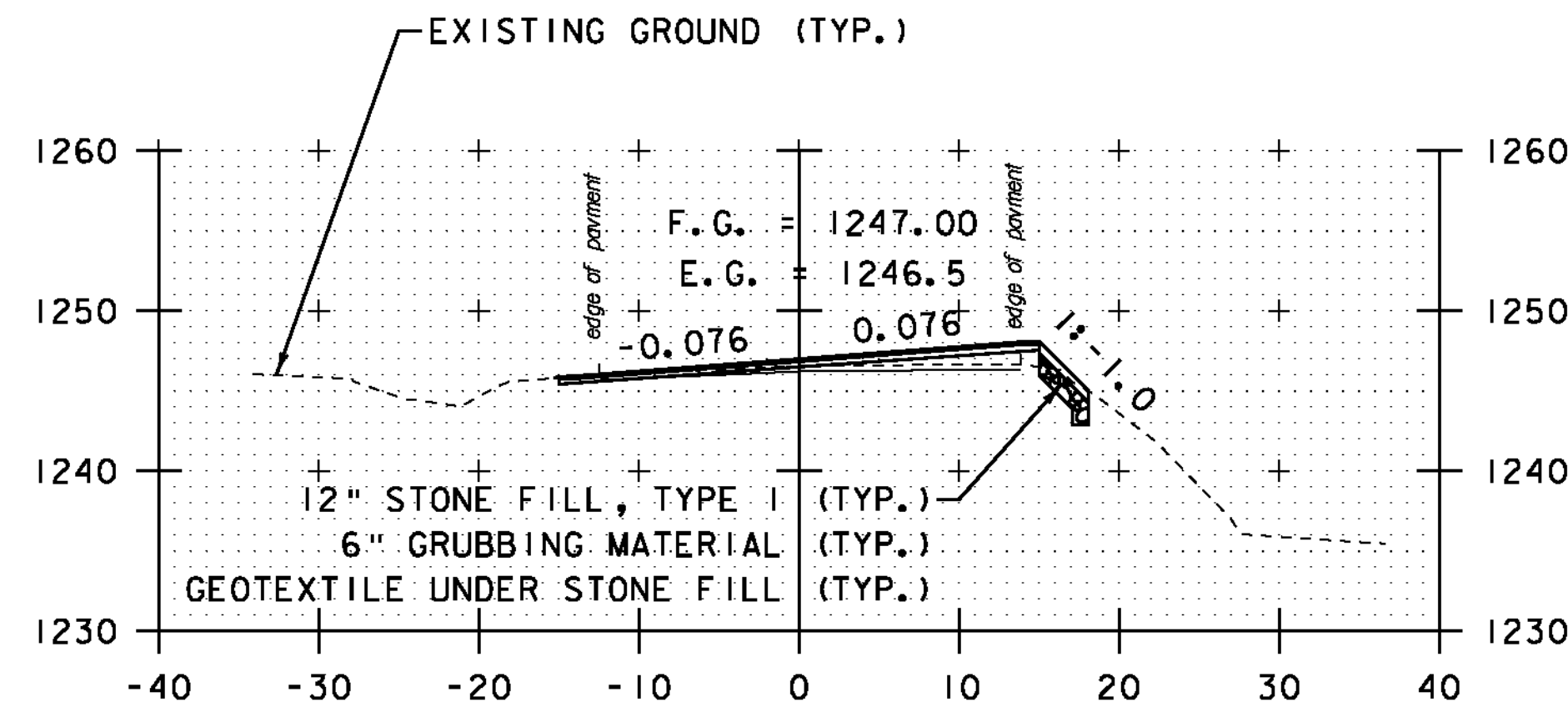


STA. 162+50 TO STA. 166+50

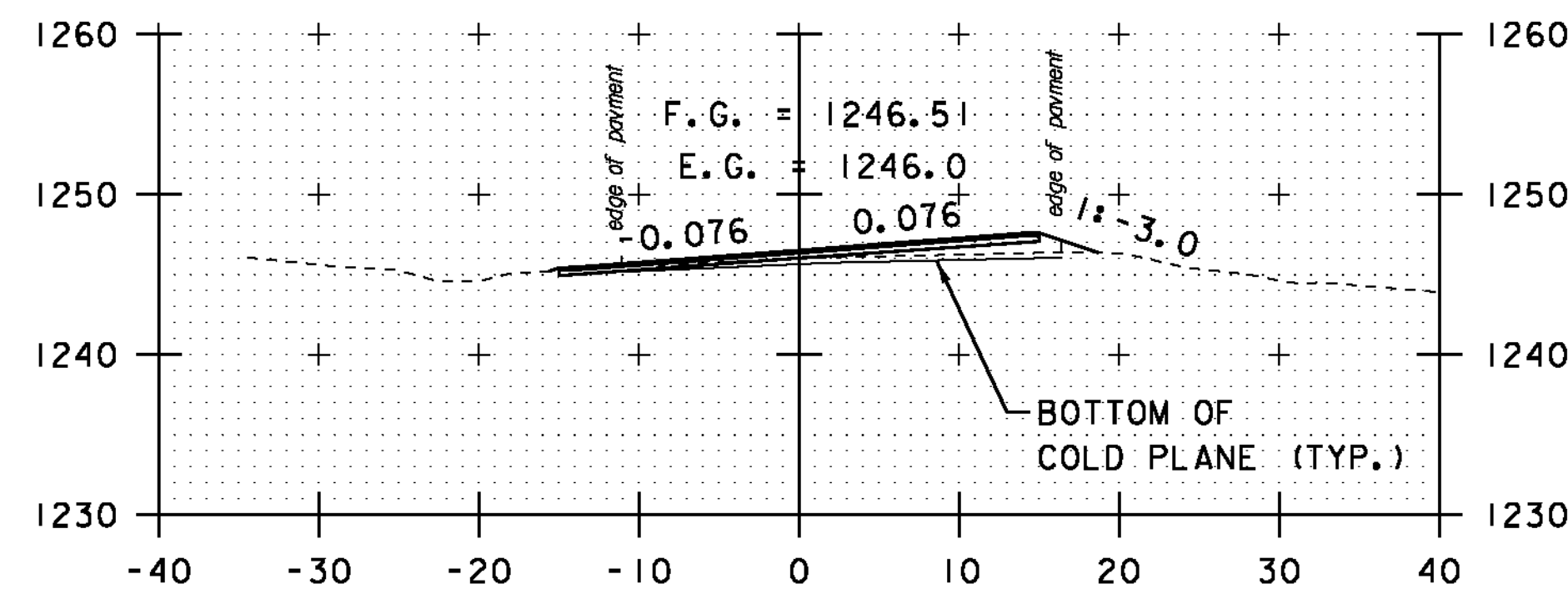
SCALE 1" = 10'-0"

CROSS SECTION SHEET 31

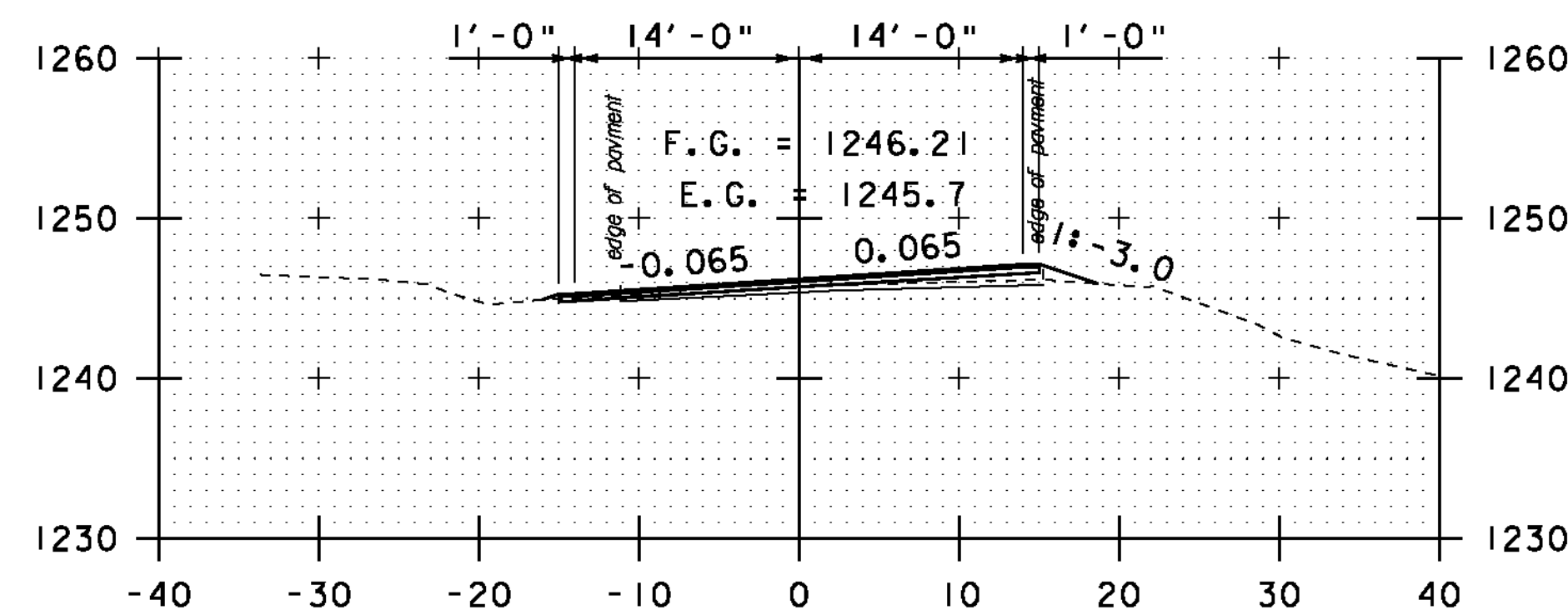
PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(1)
FILE NAME: p10CI90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10CI90_145.1
PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: CDL
SHEET 145 OF 178



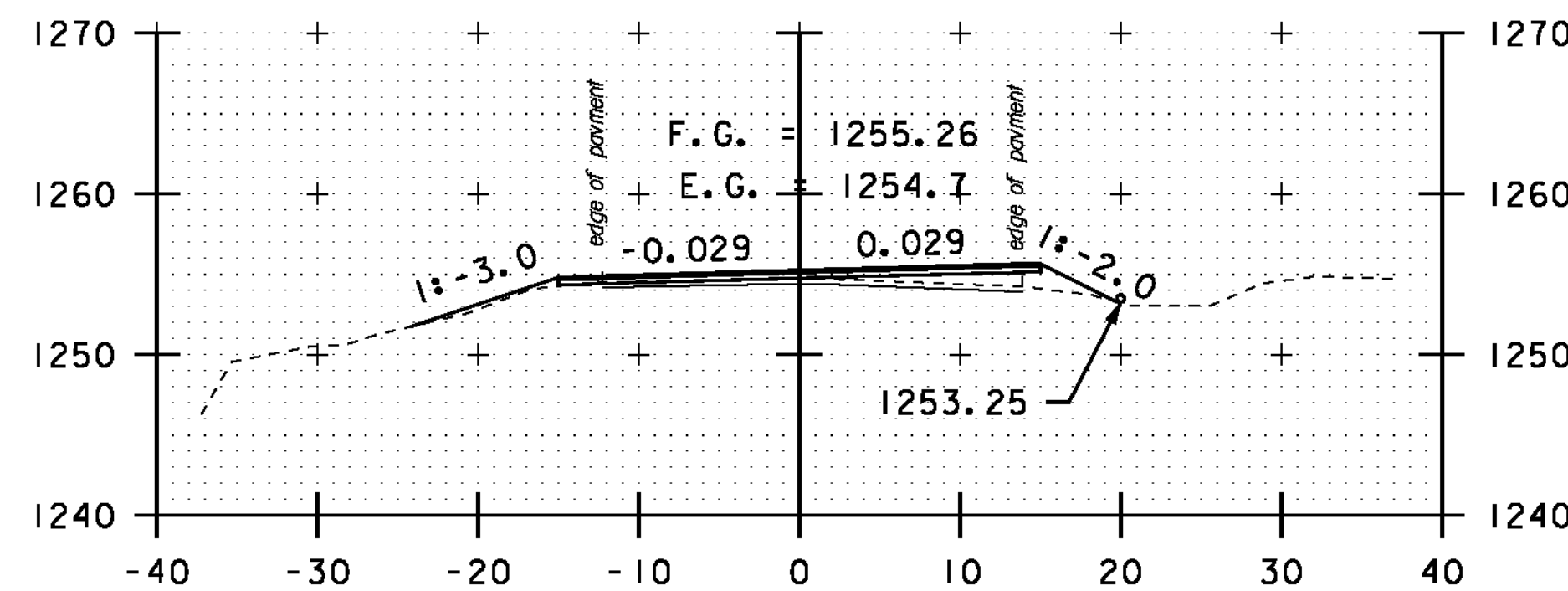
168+00



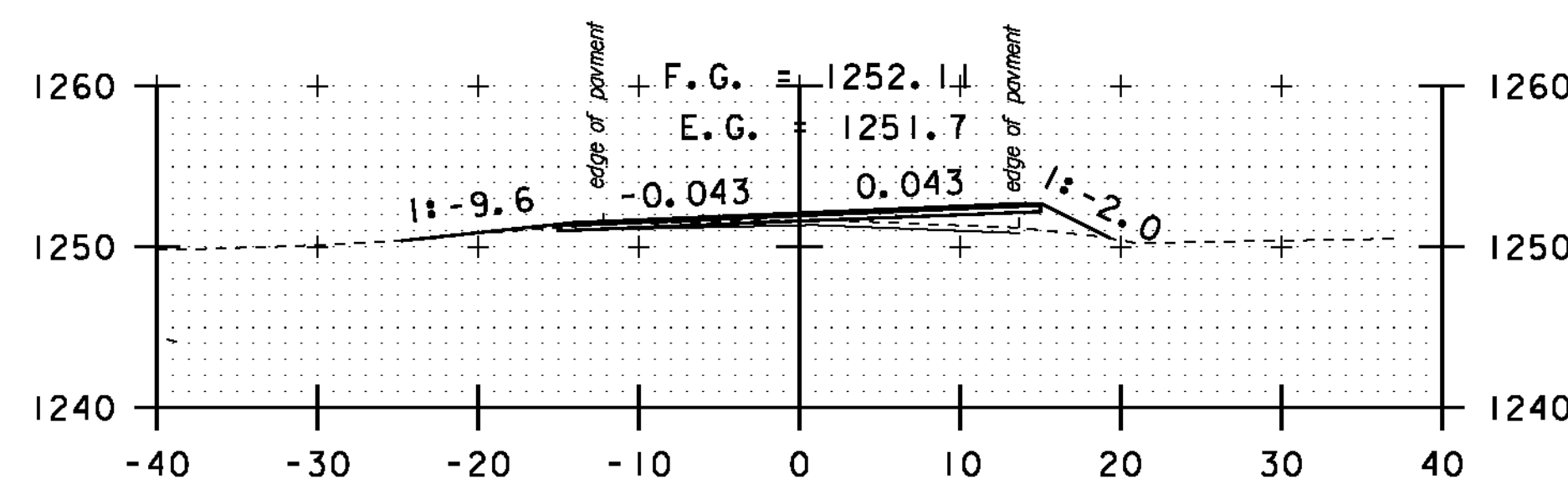
167+50



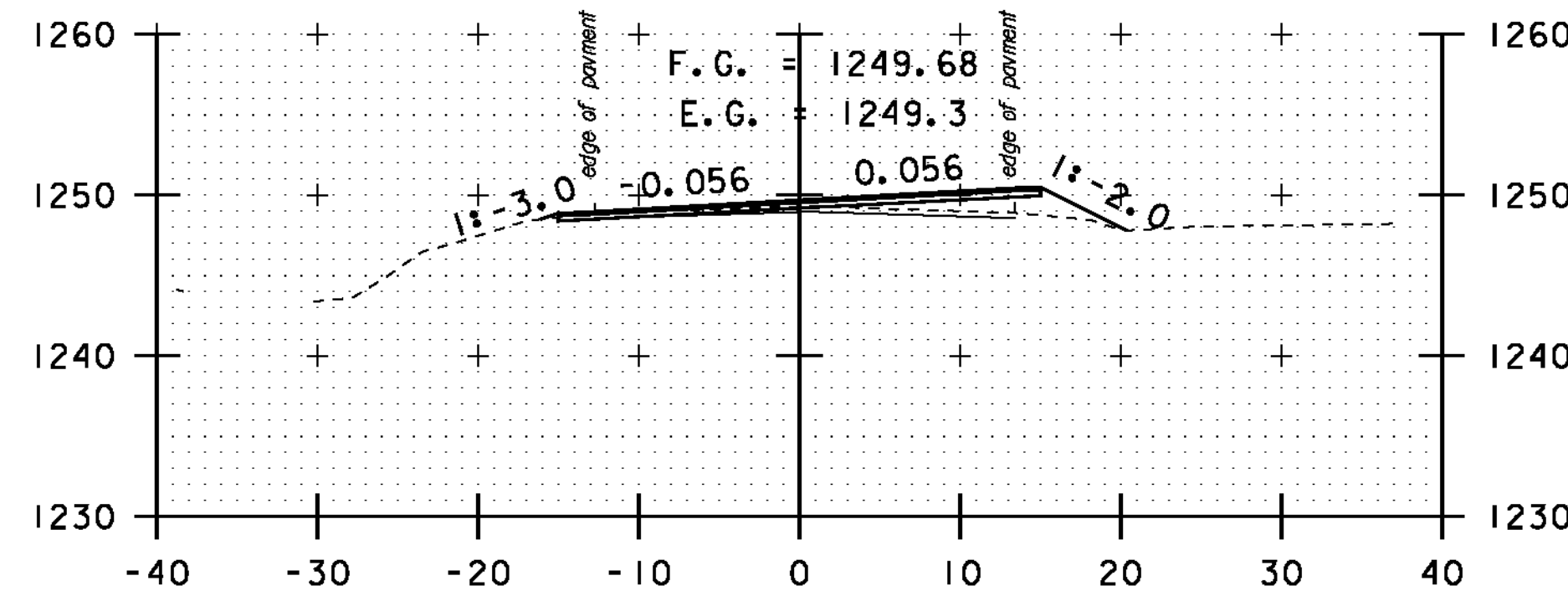
167+00



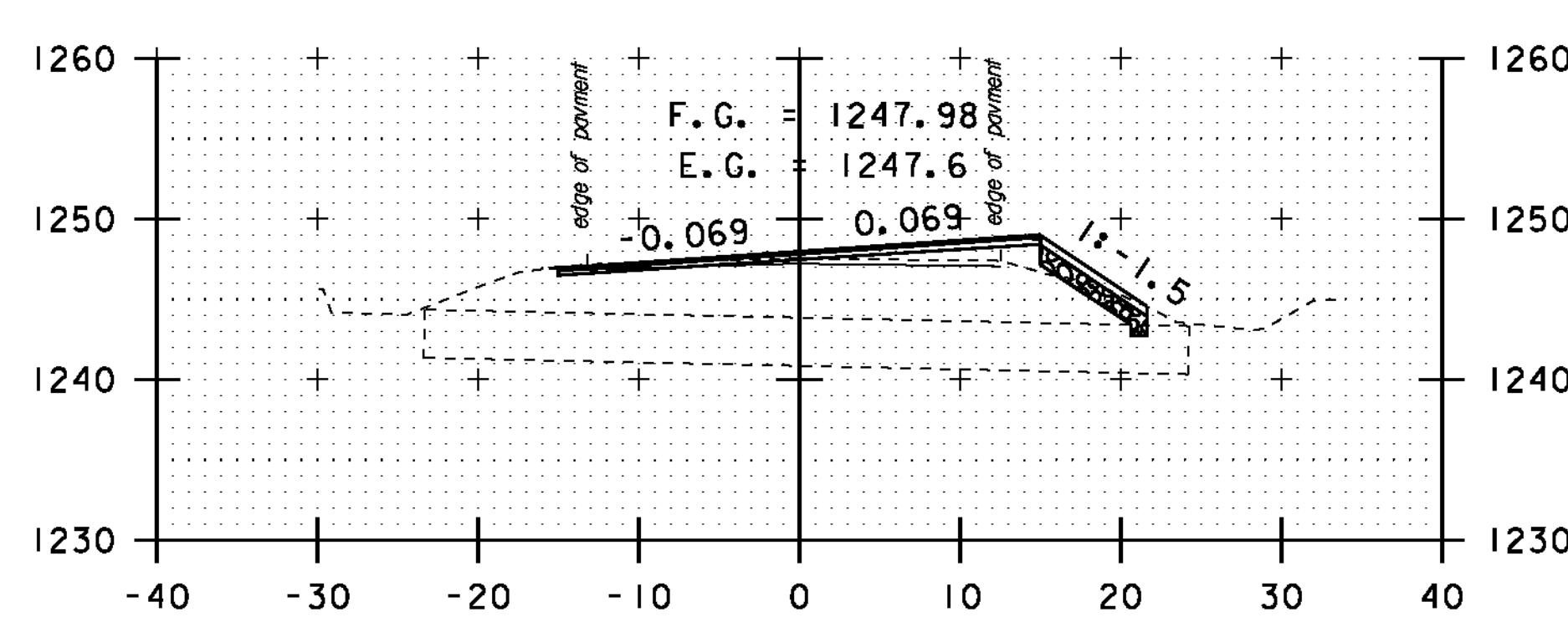
170+00



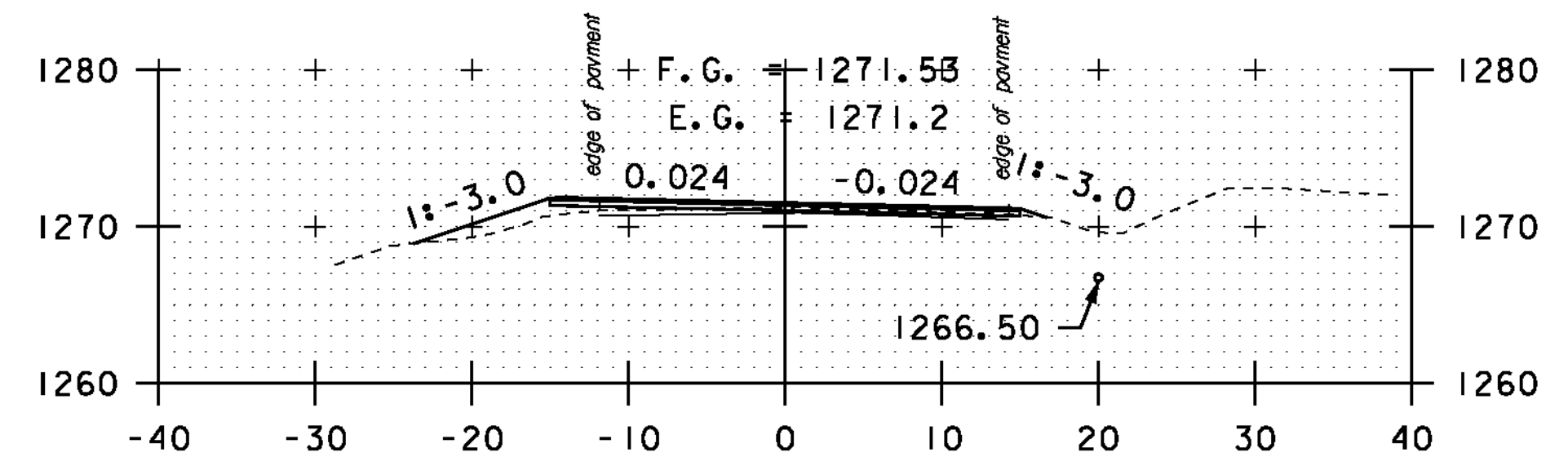
DRIVE LT
169+50



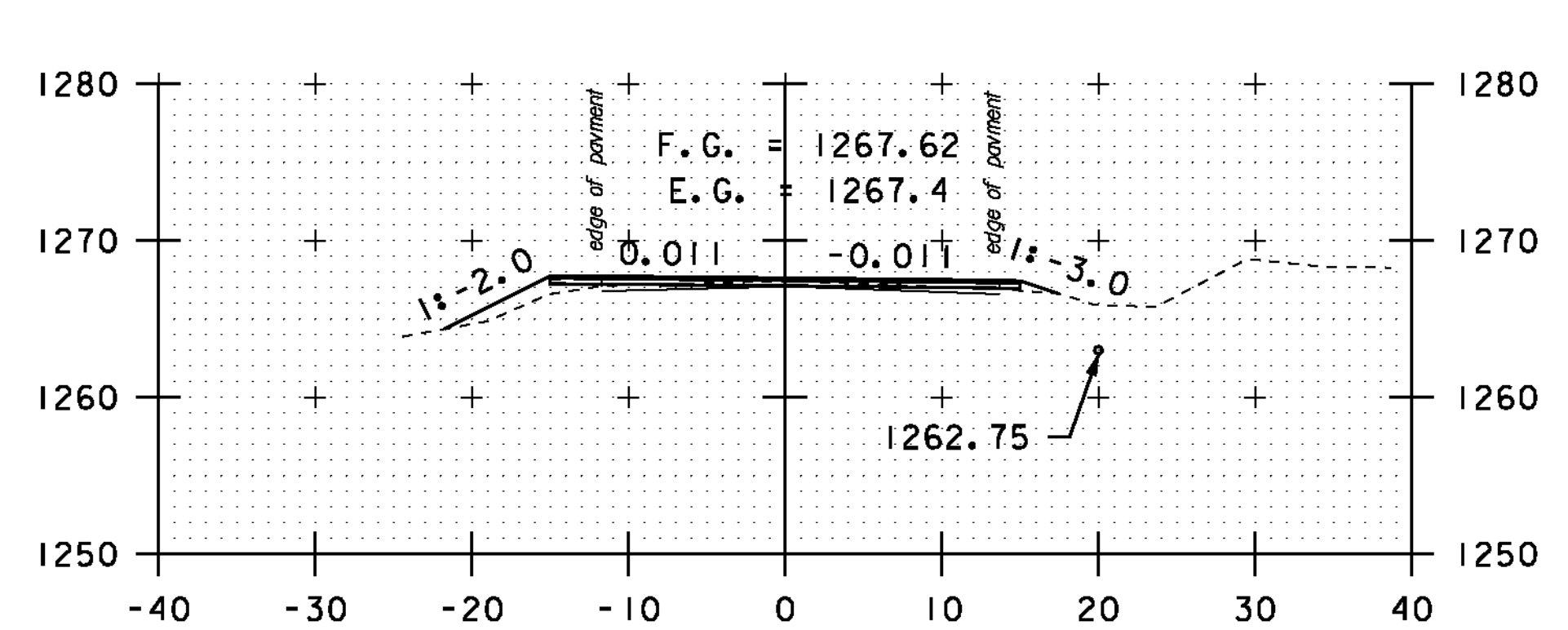
169+00



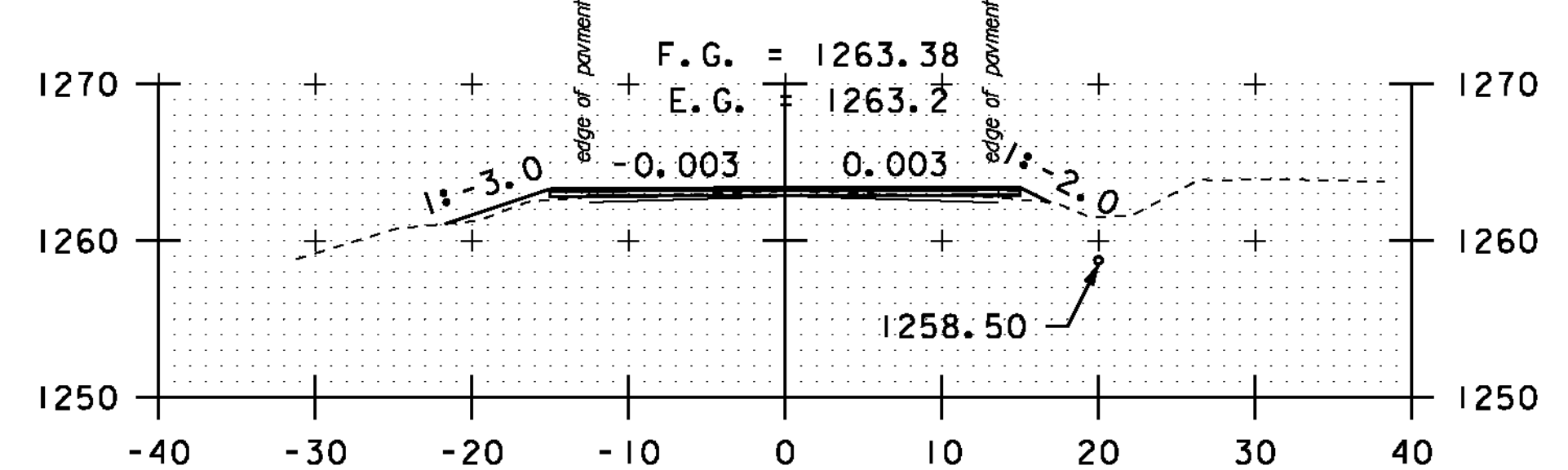
168+50



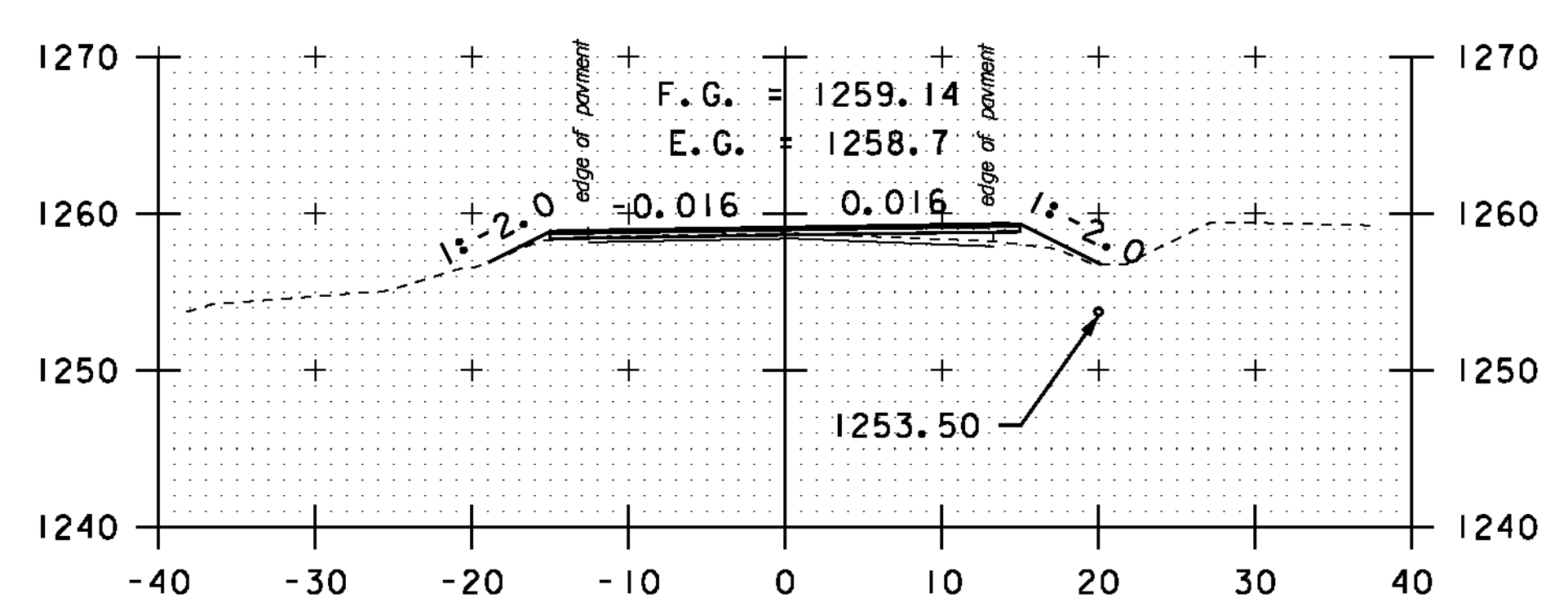
172+00



171+50



171+00



170+50

STA. 167+00 TO STA. 172+00

SCALE 1" = 10'-0"

**CROSS
SECTION
SHEET 32**

PROJECT NAME: MONTGOMERY-WESTFIELD

PROJECT NUMBER: STP 2906(1)

FILE NAME: p10C190.dgn

PROJECT LEADER: CDL

DESIGNED BY: SJL

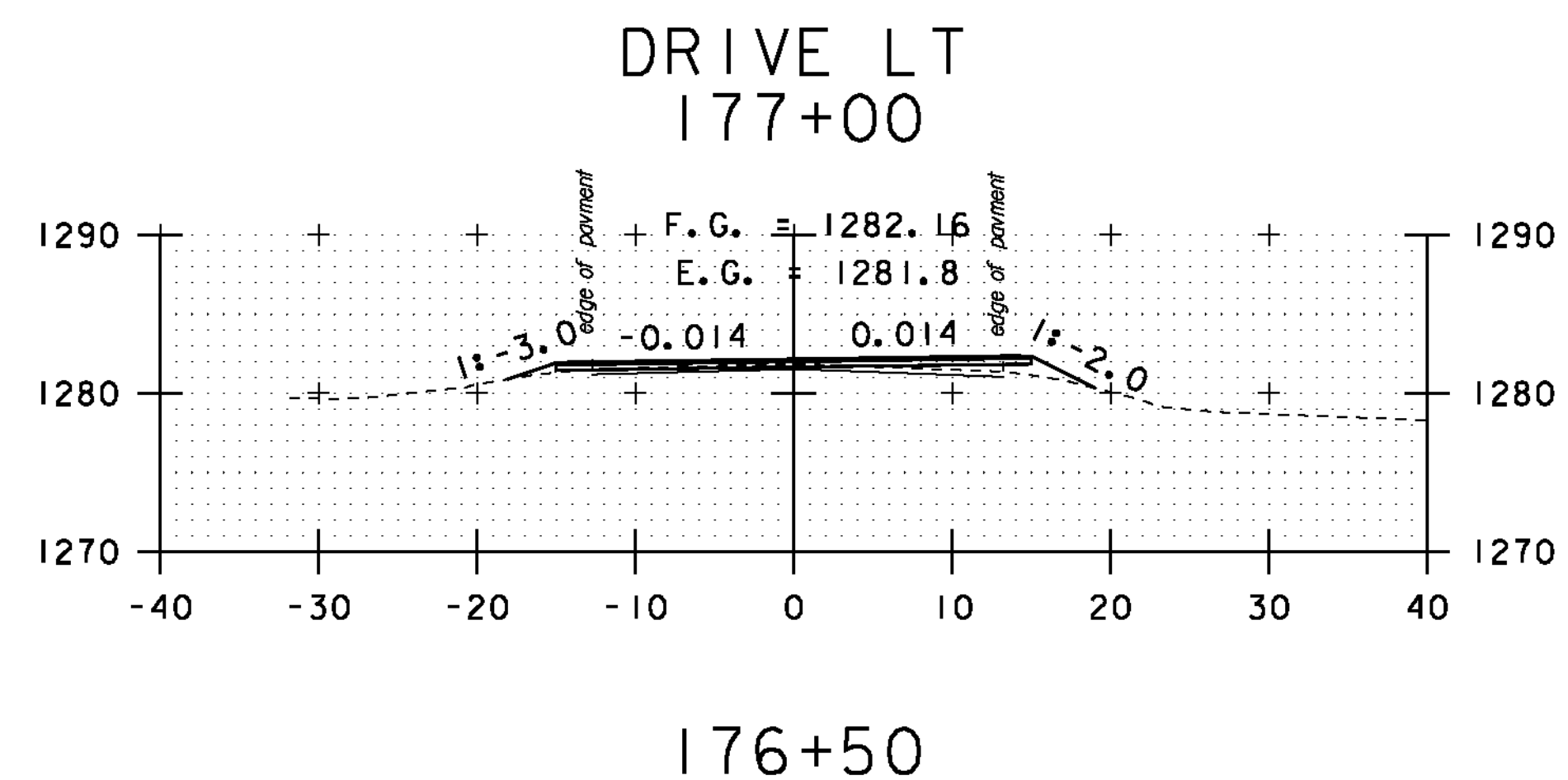
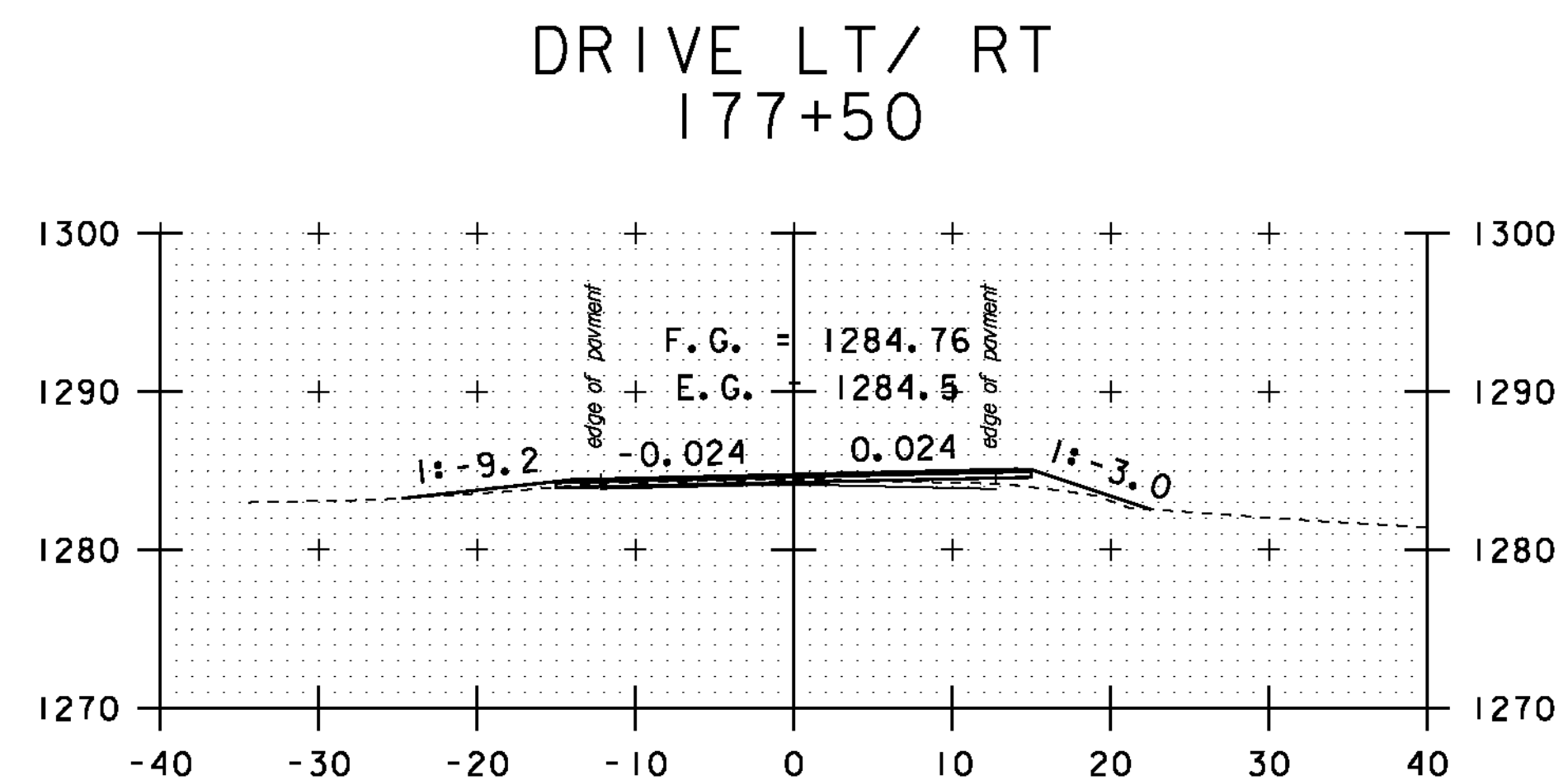
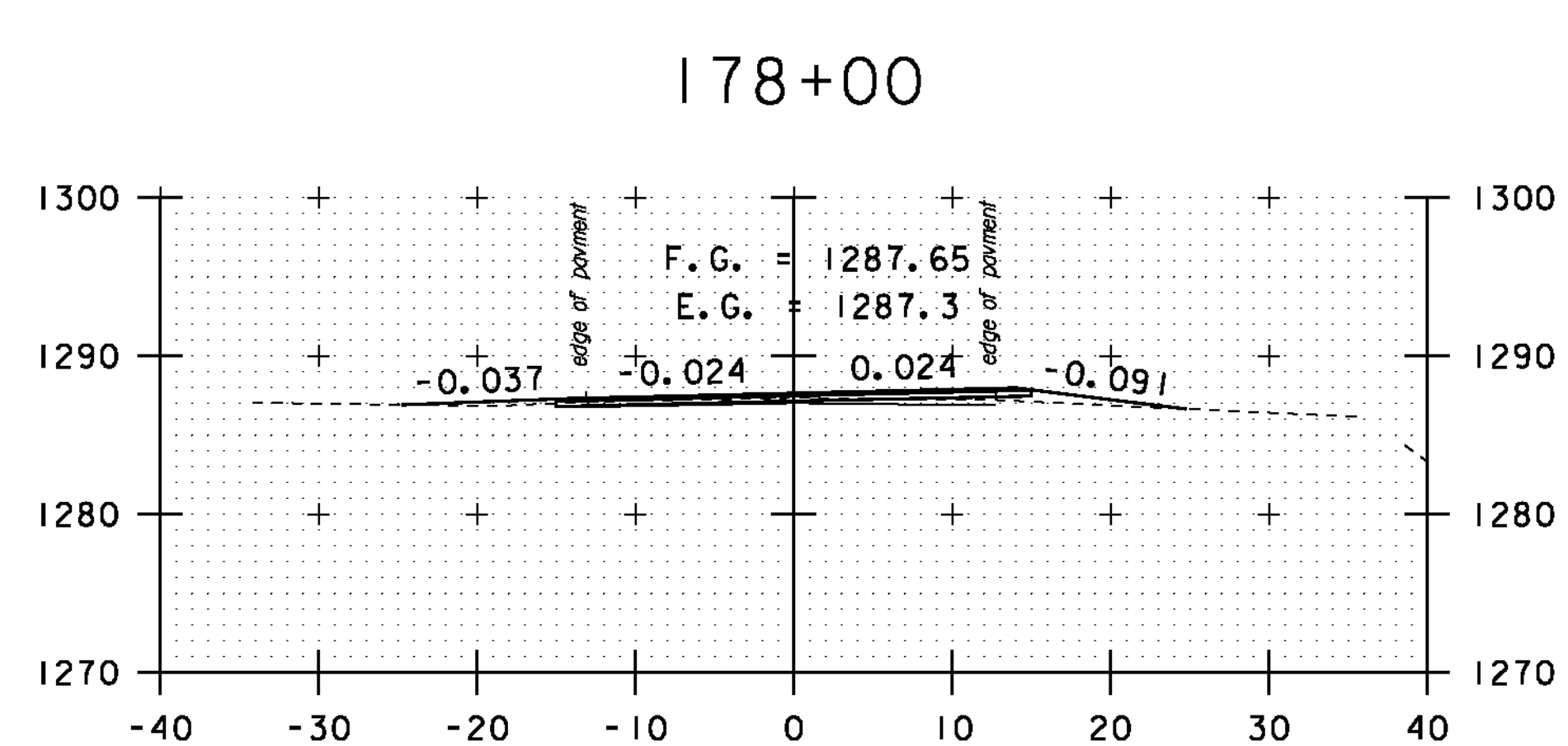
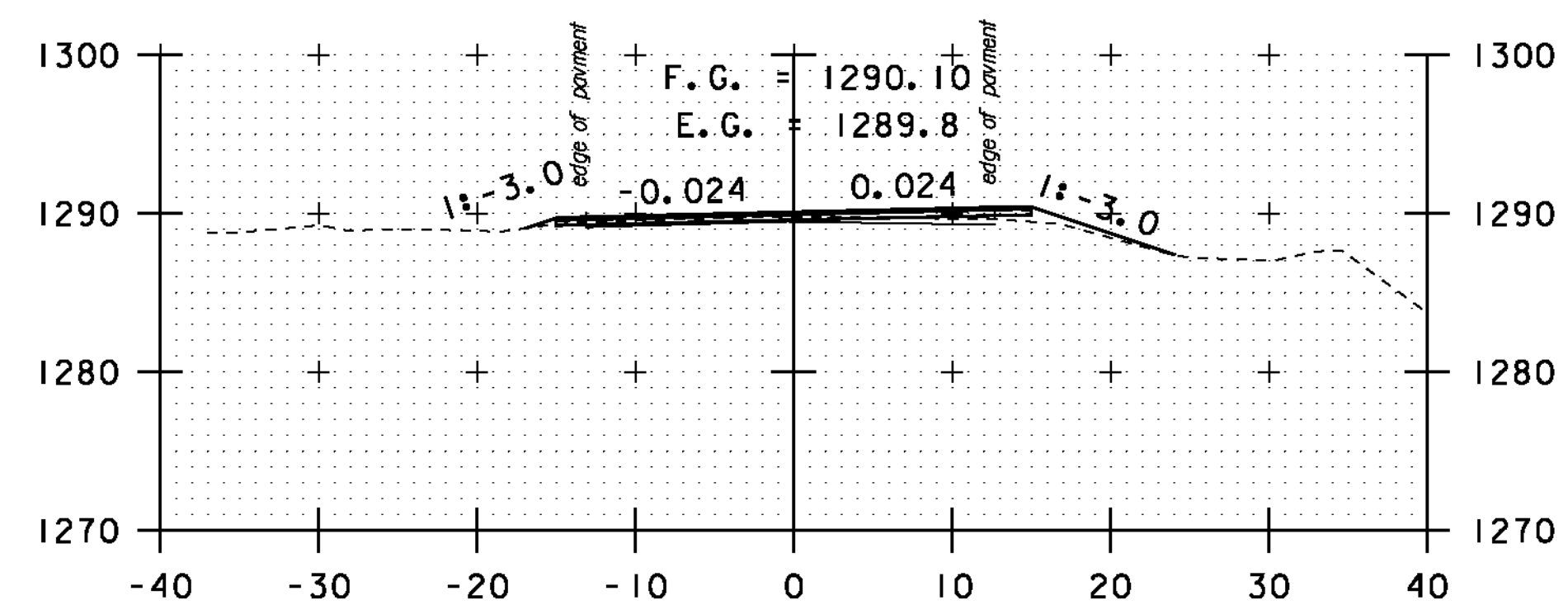
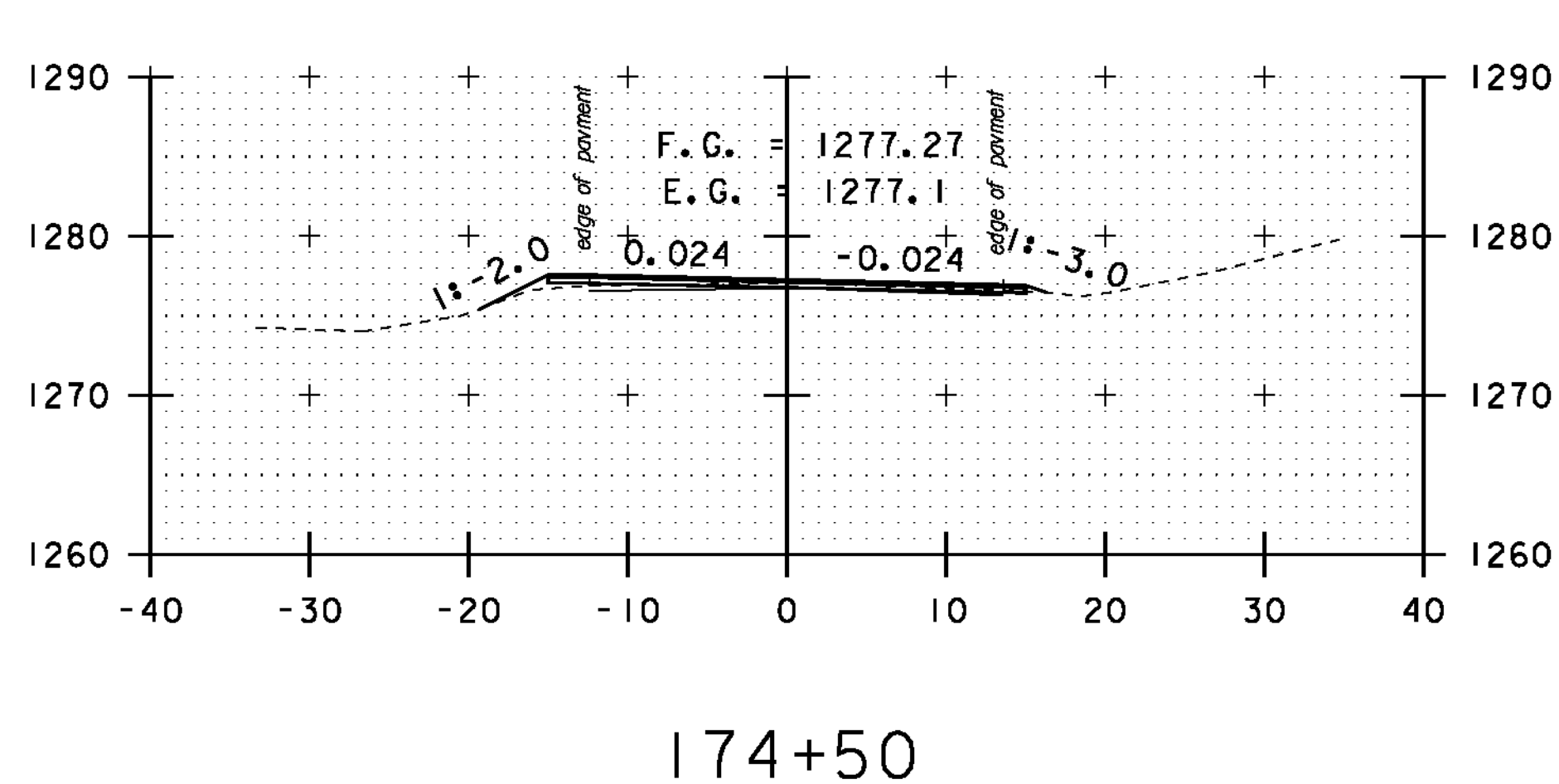
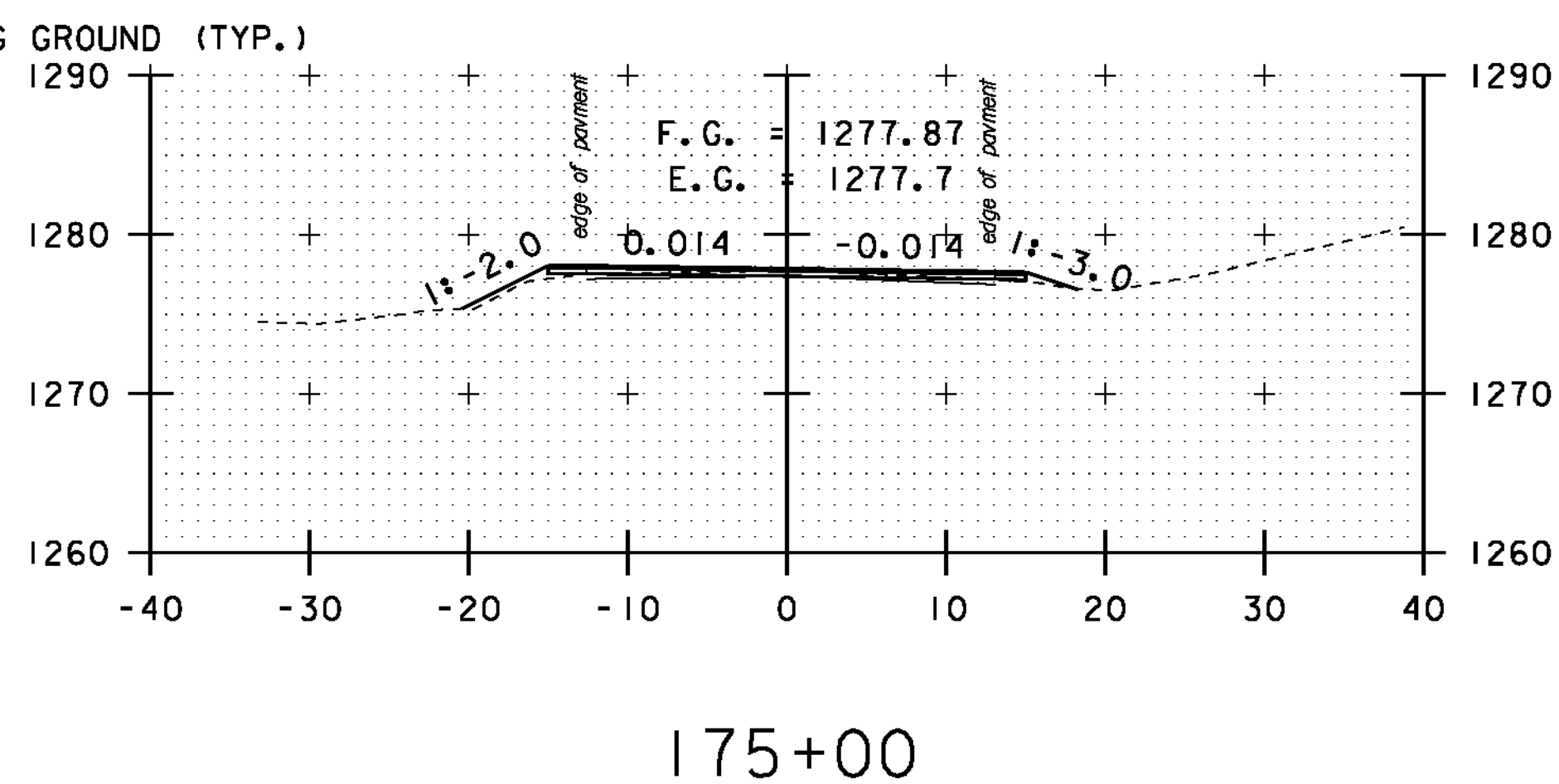
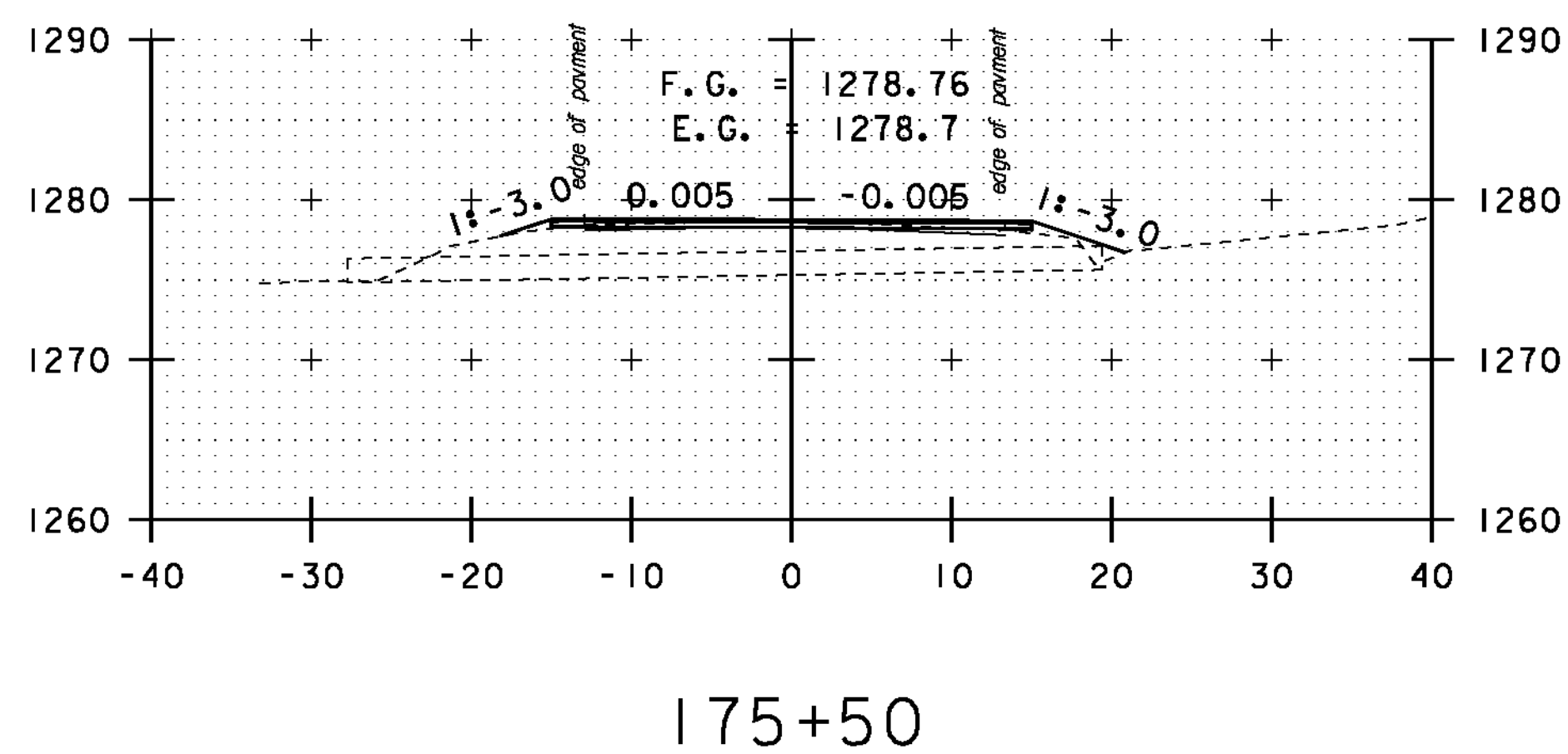
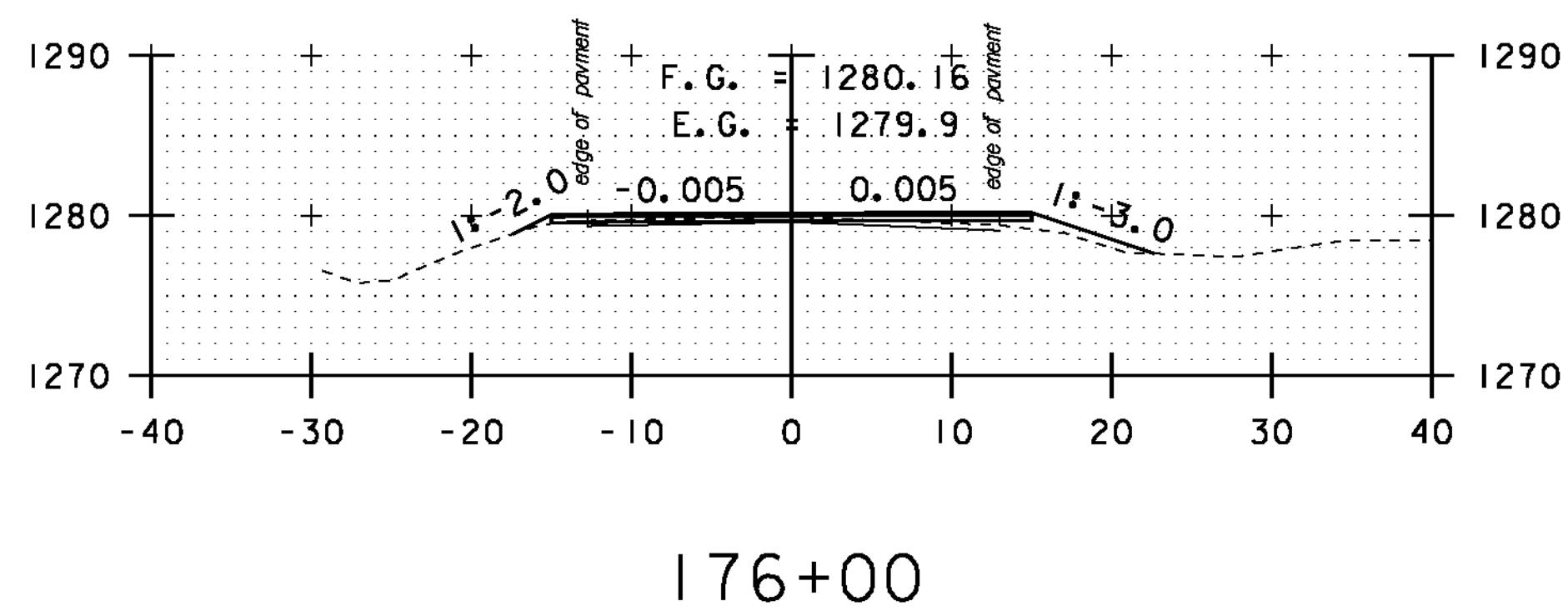
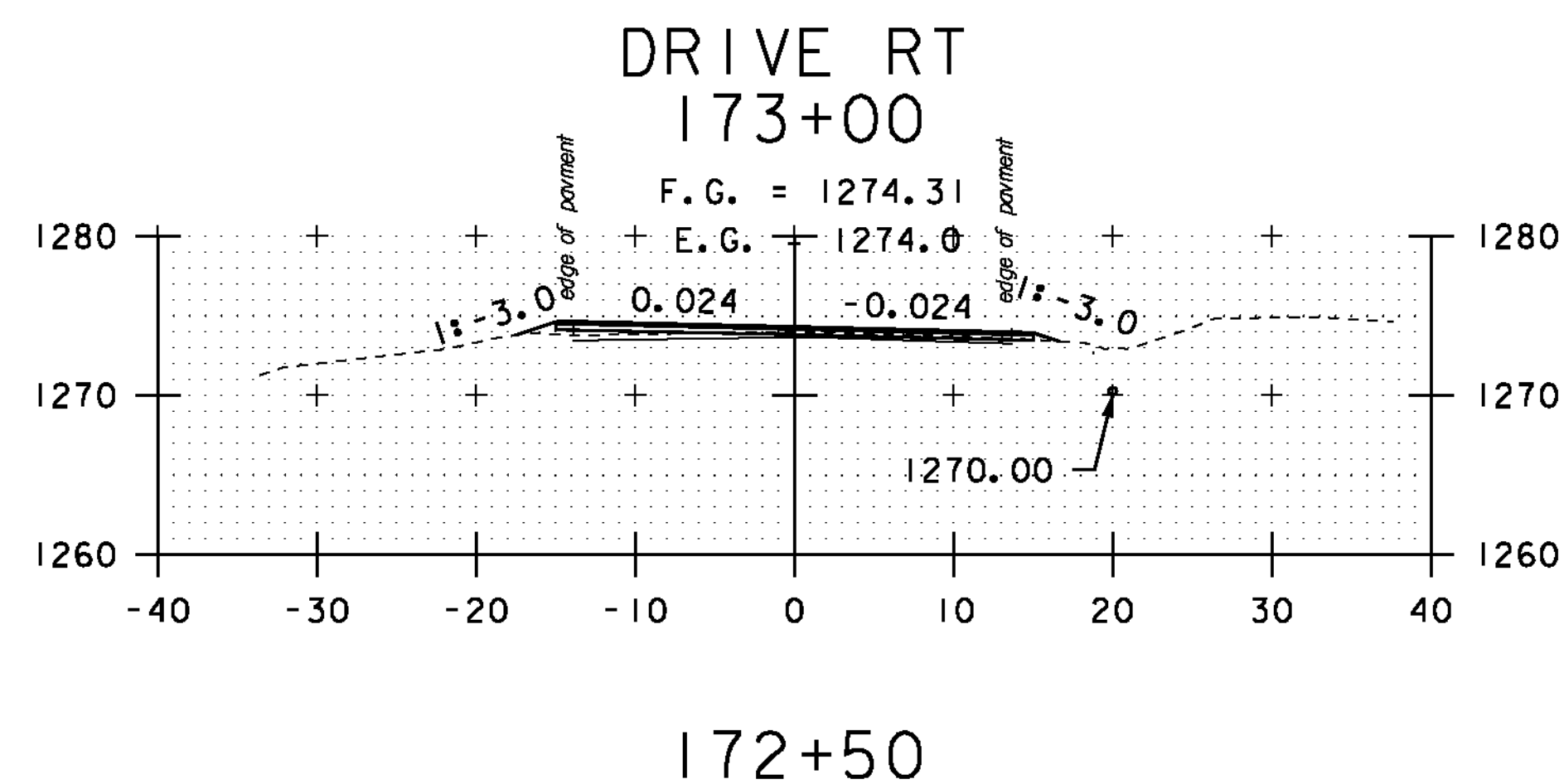
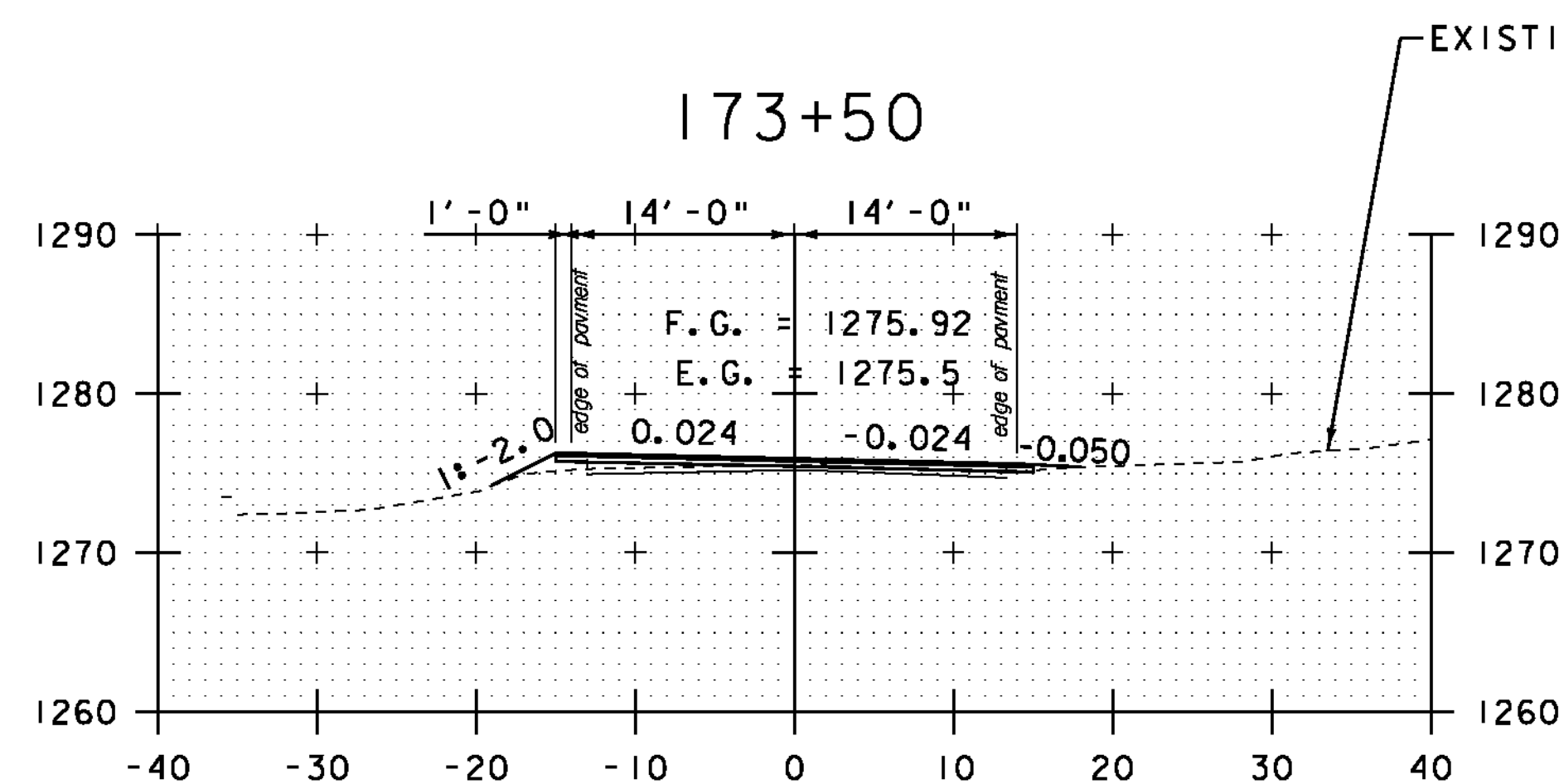
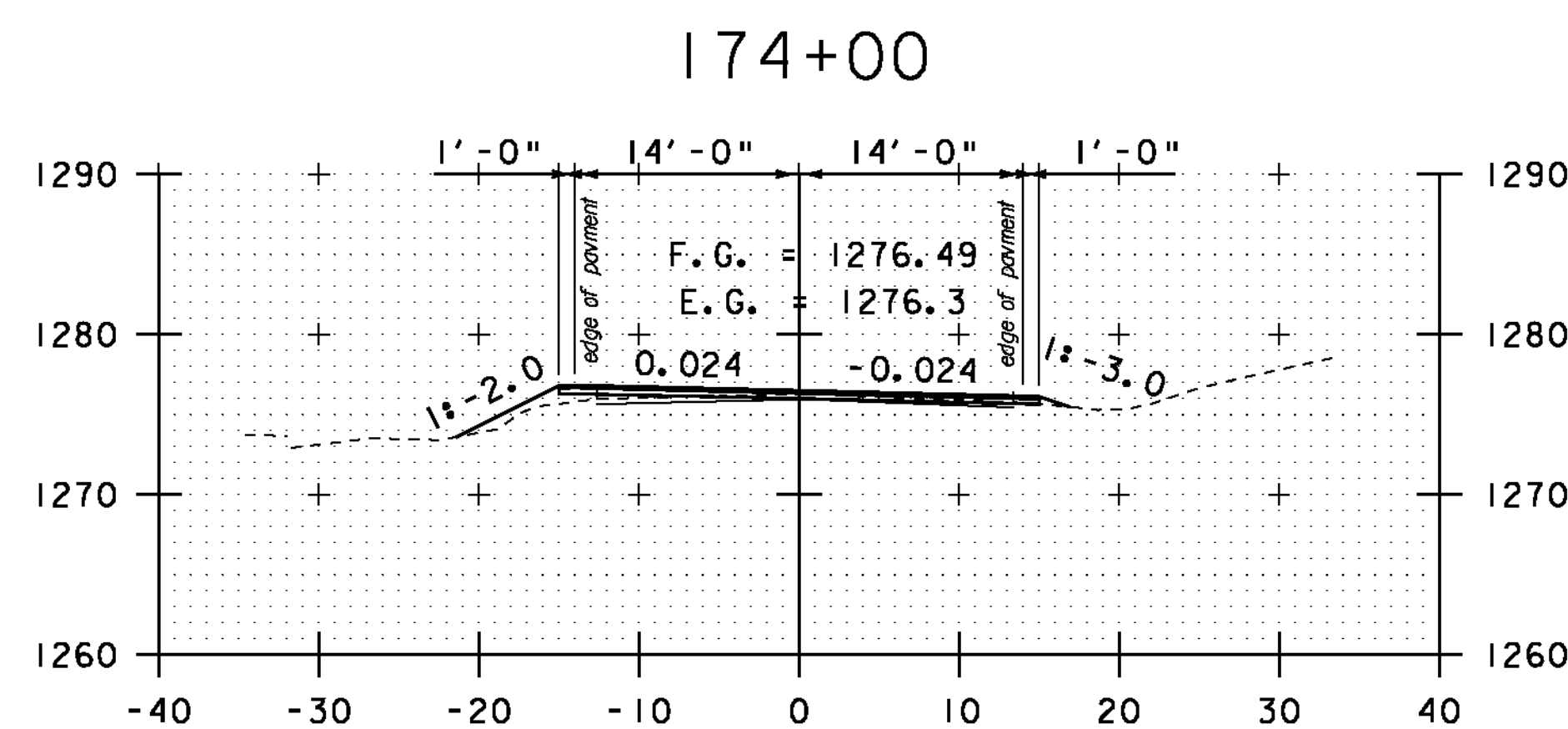
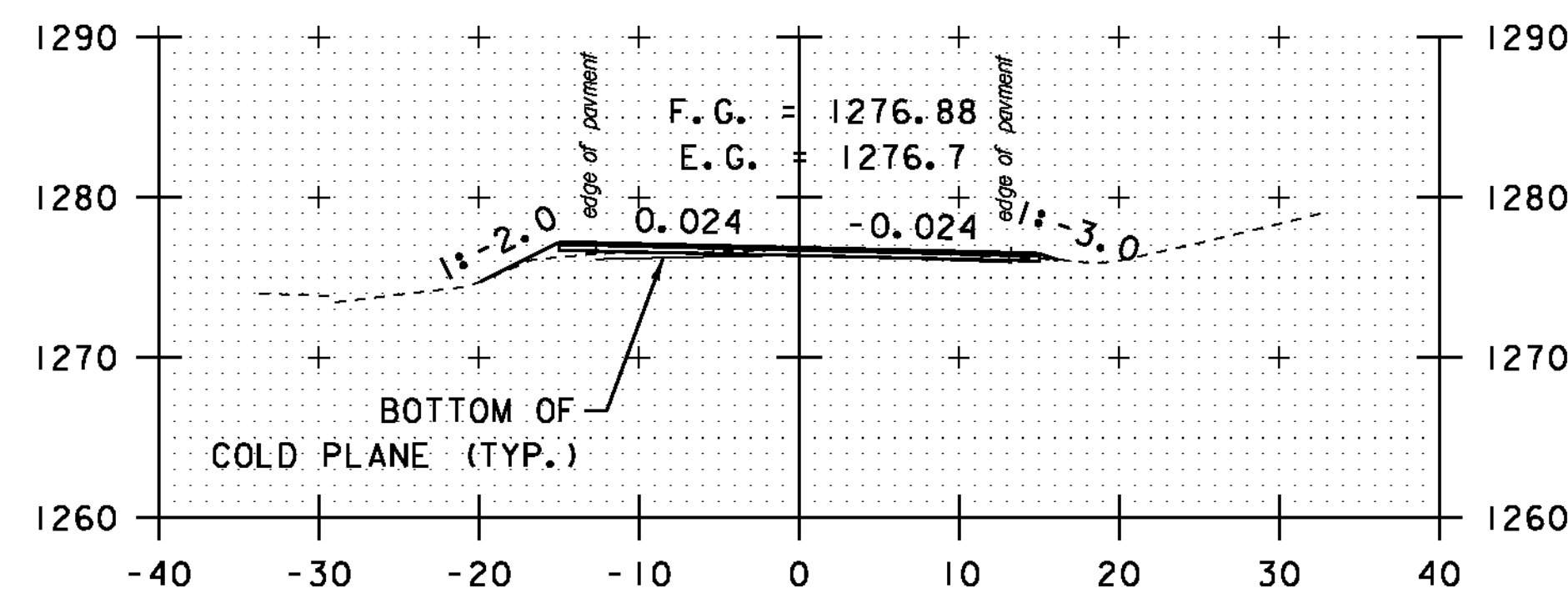
PLOT FILE: p10C190_146.1

PLOT DATE: 9/5/12

DRAWN BY: SJL

CHECKED BY: CDL

SHEET 146 OF 178

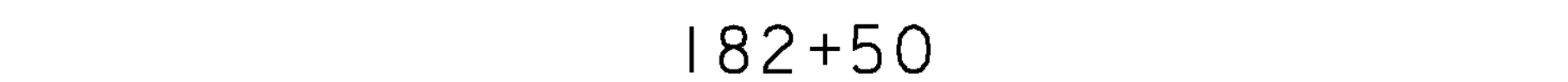
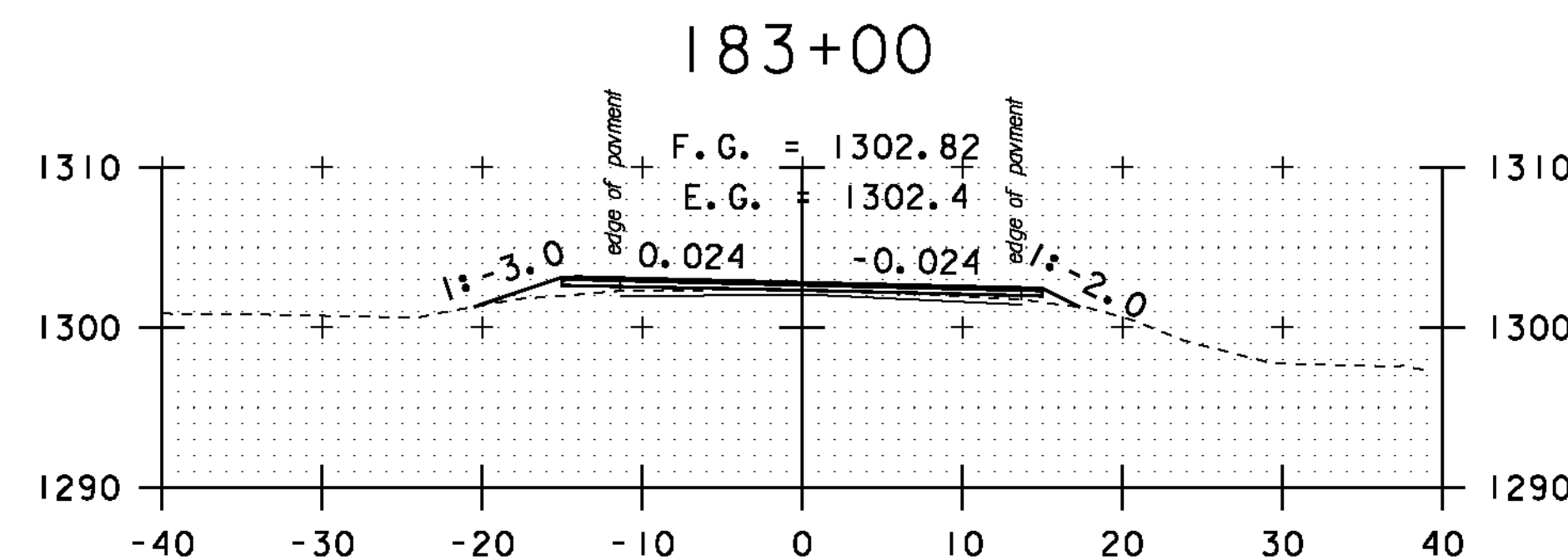
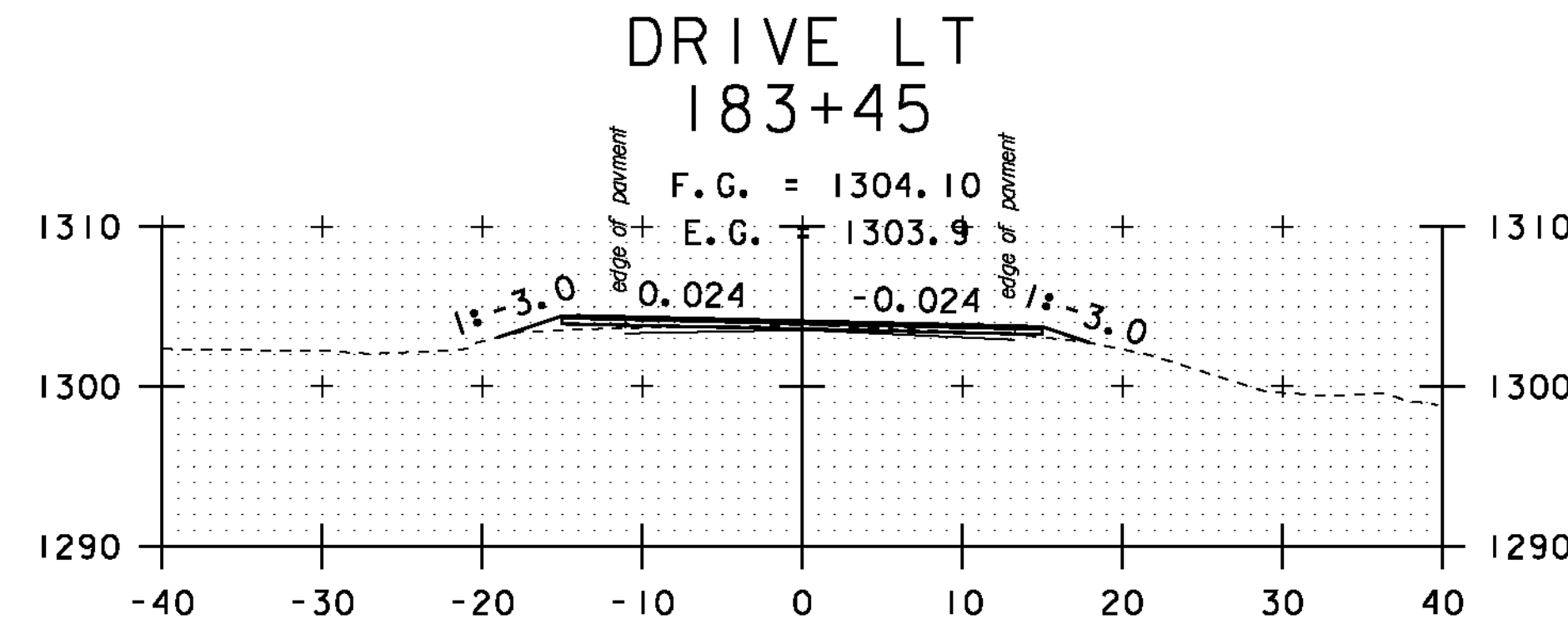
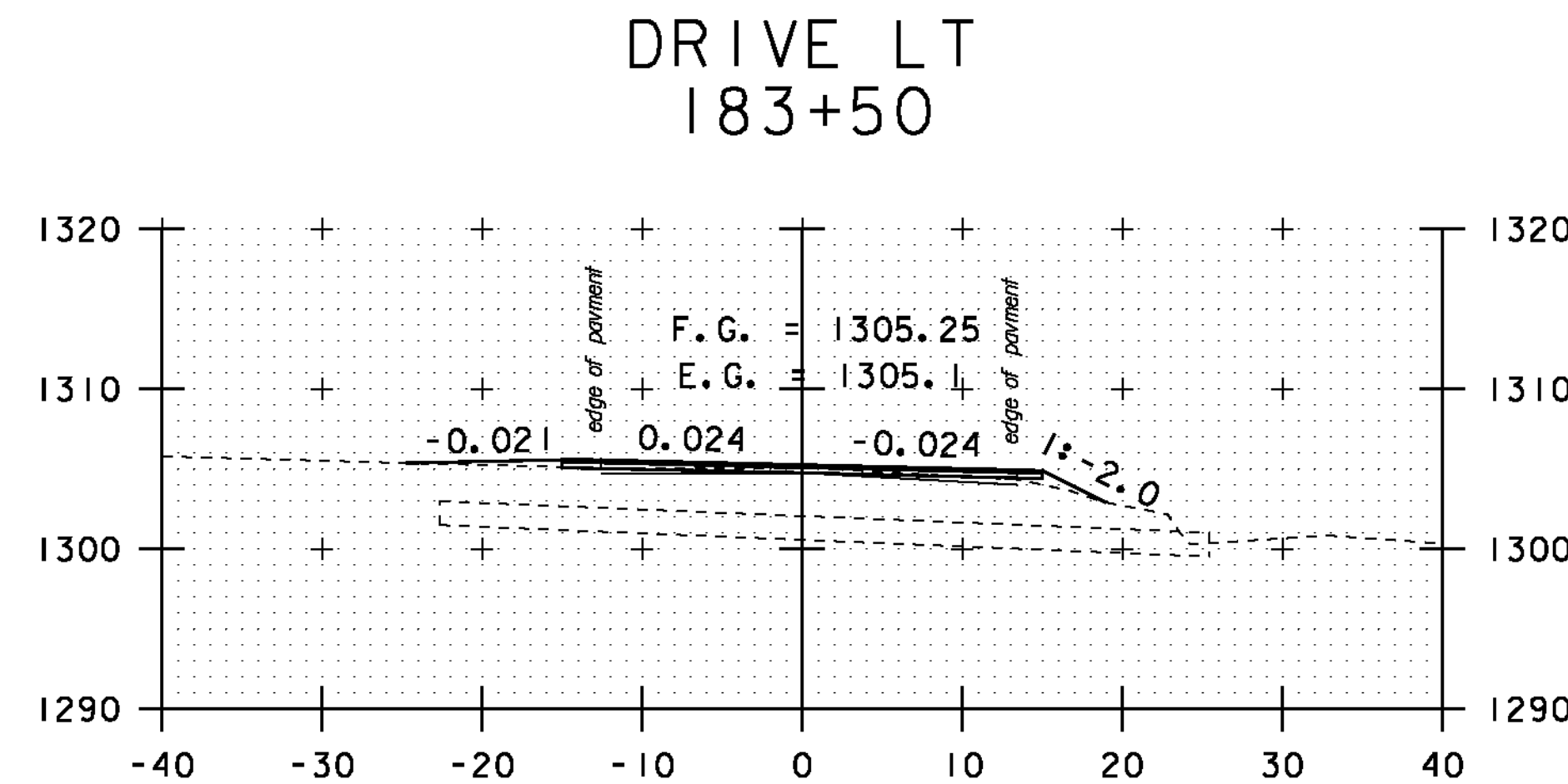
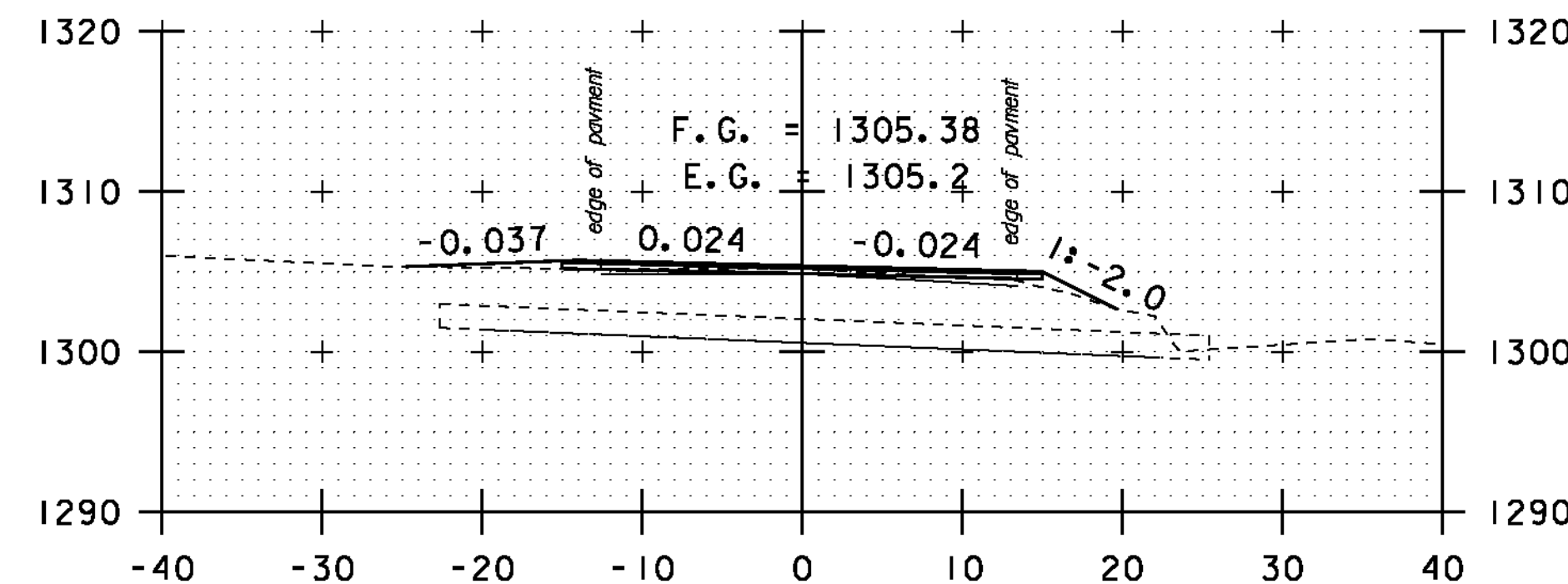
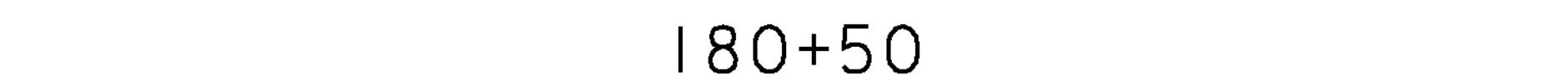
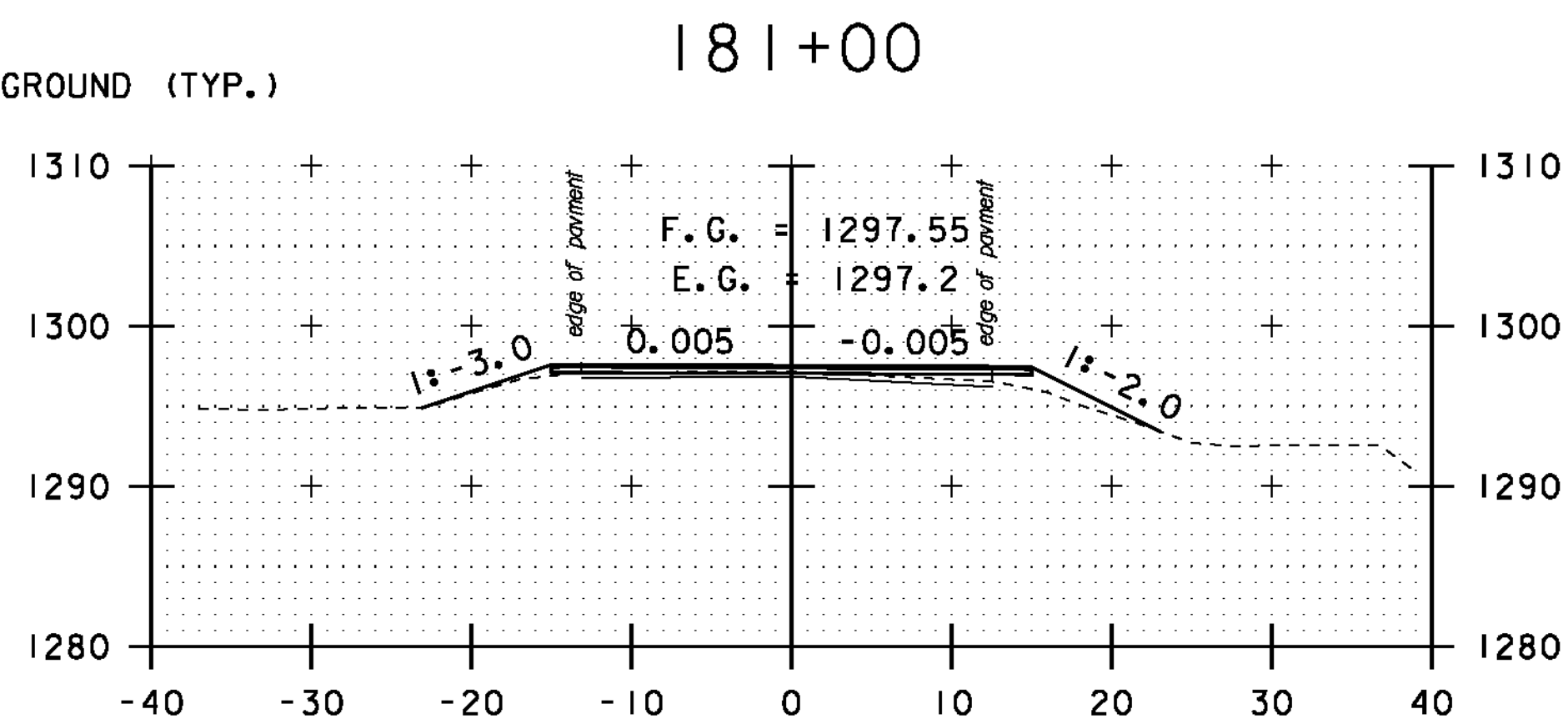
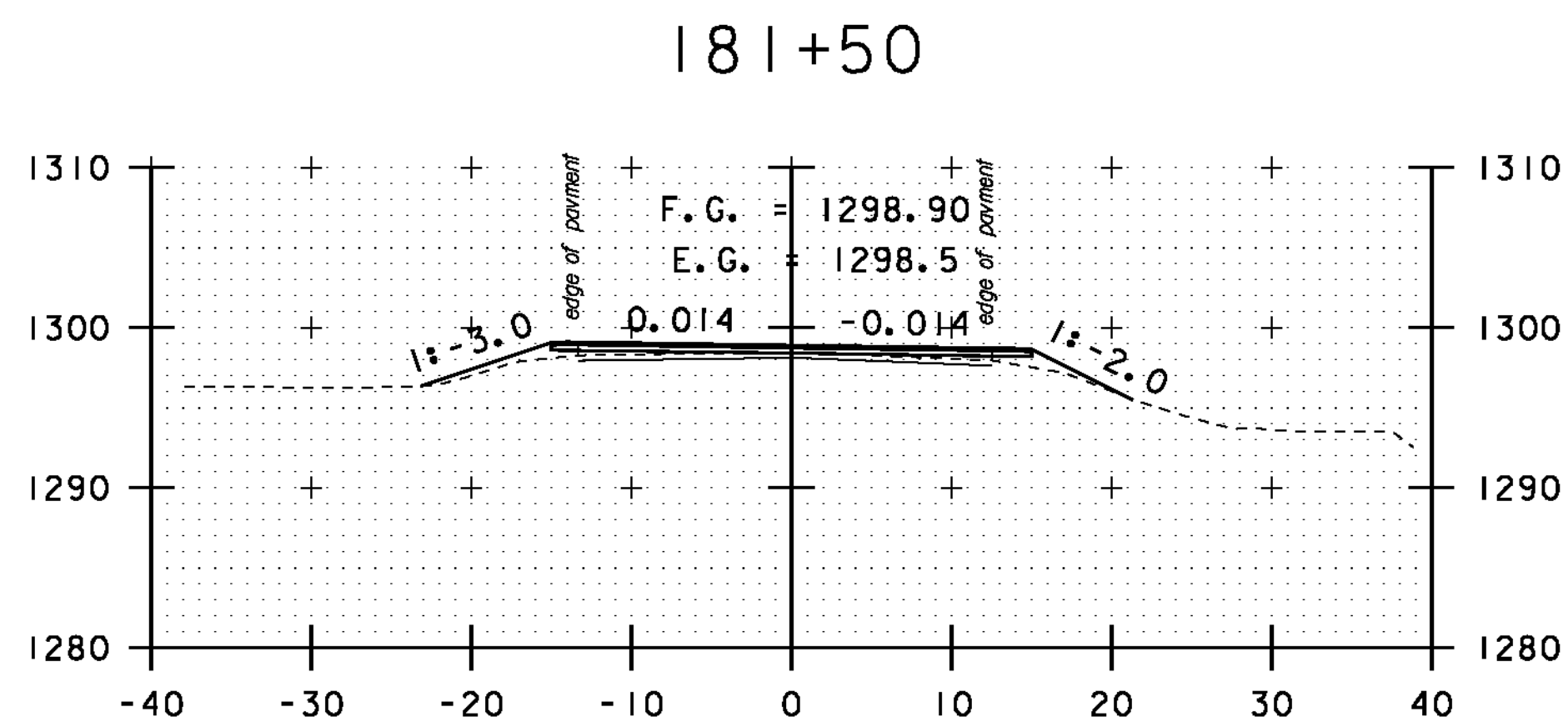
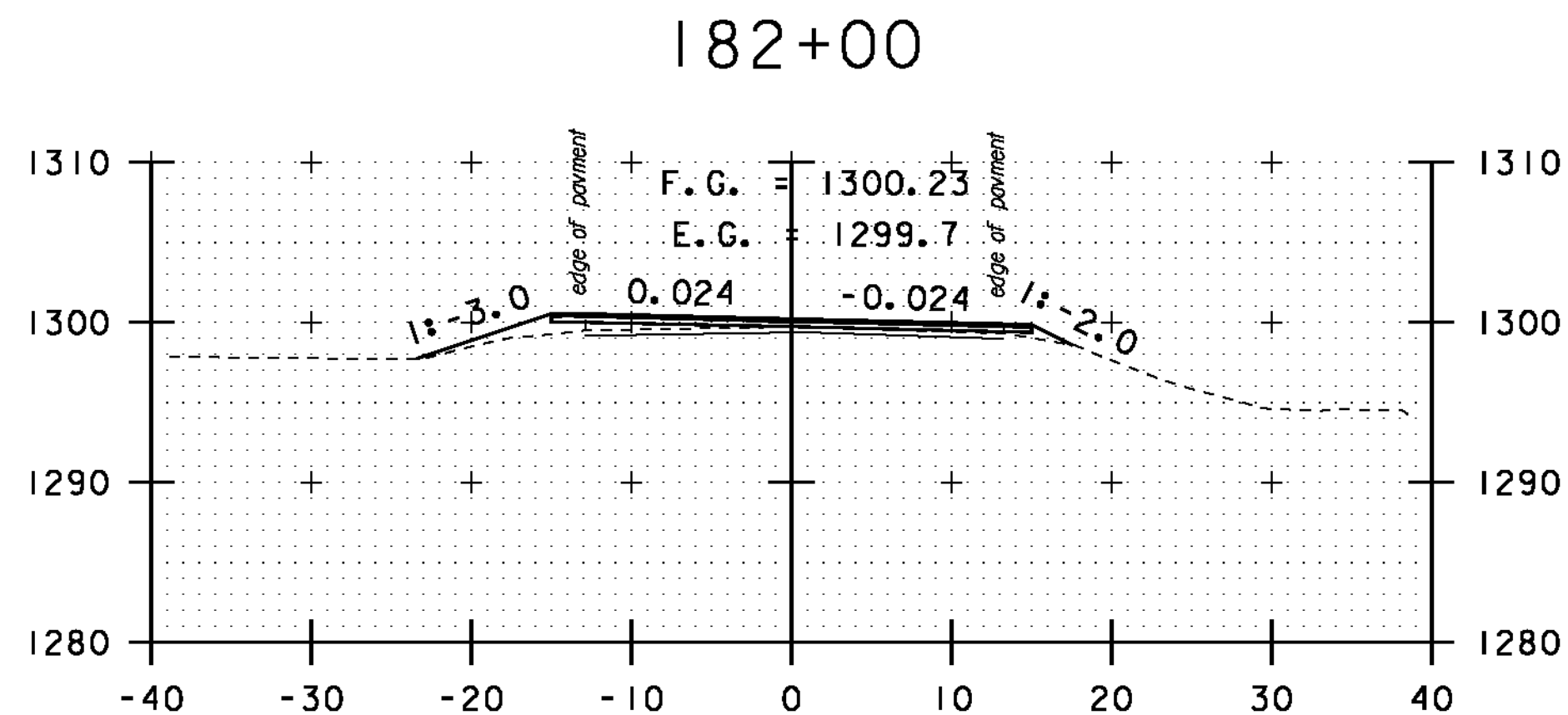
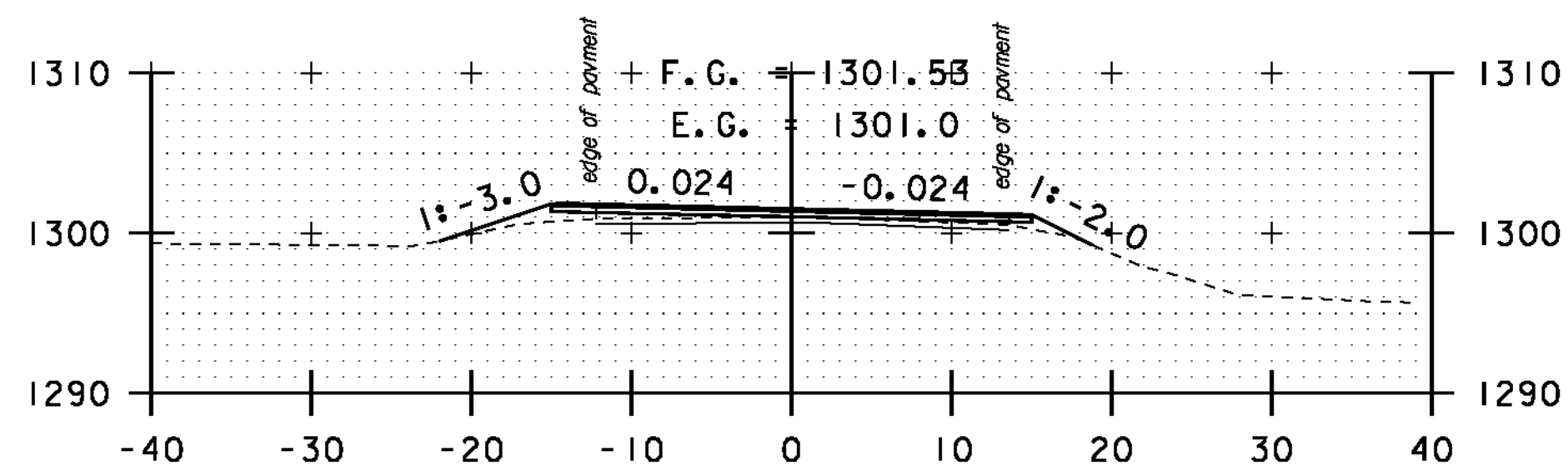
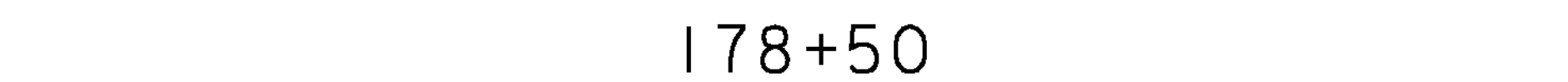
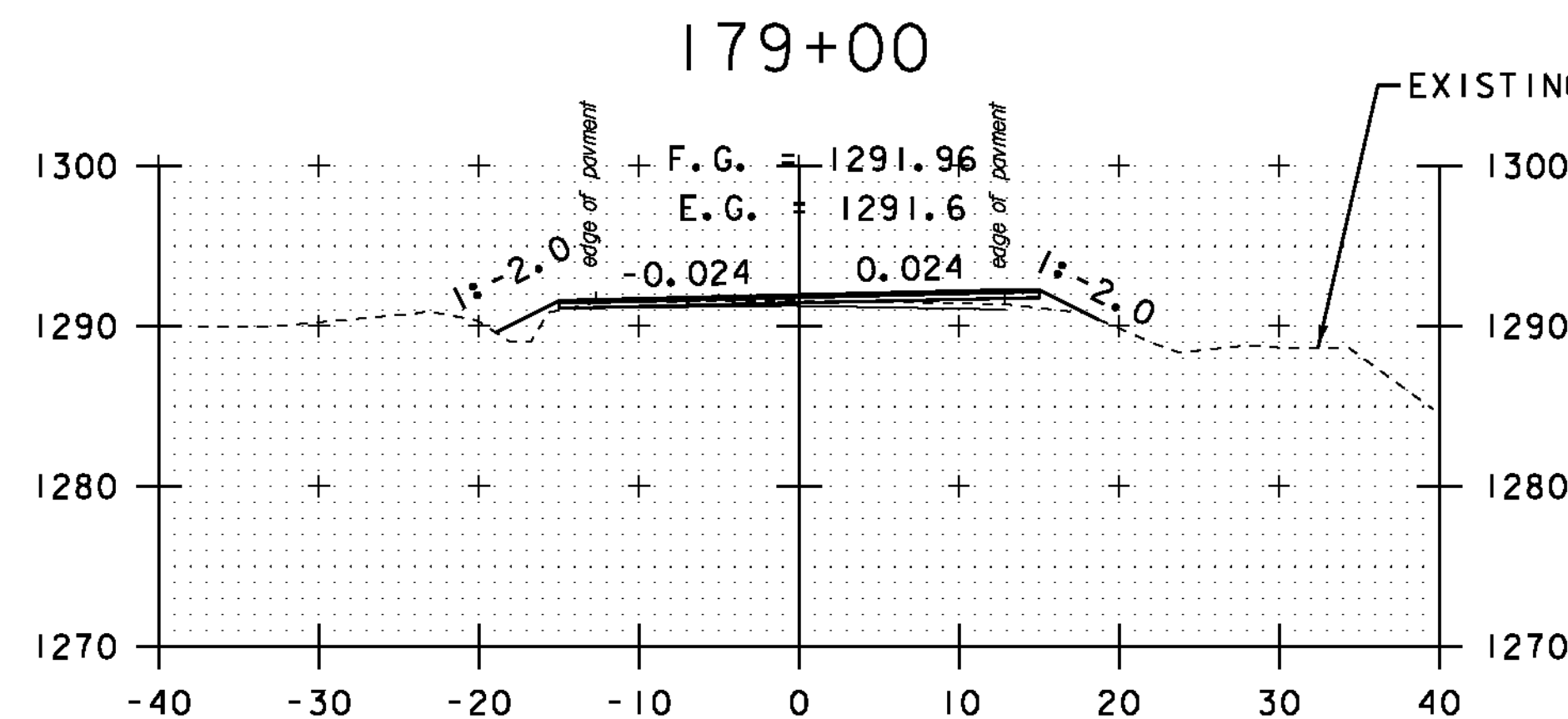
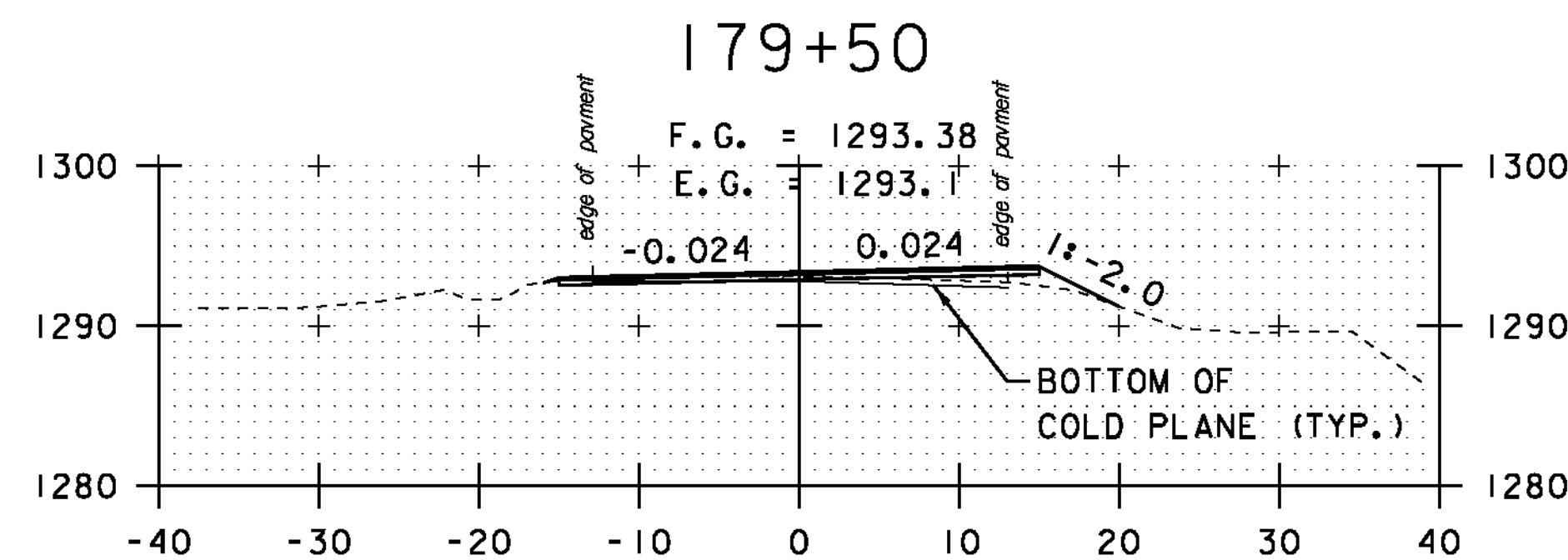
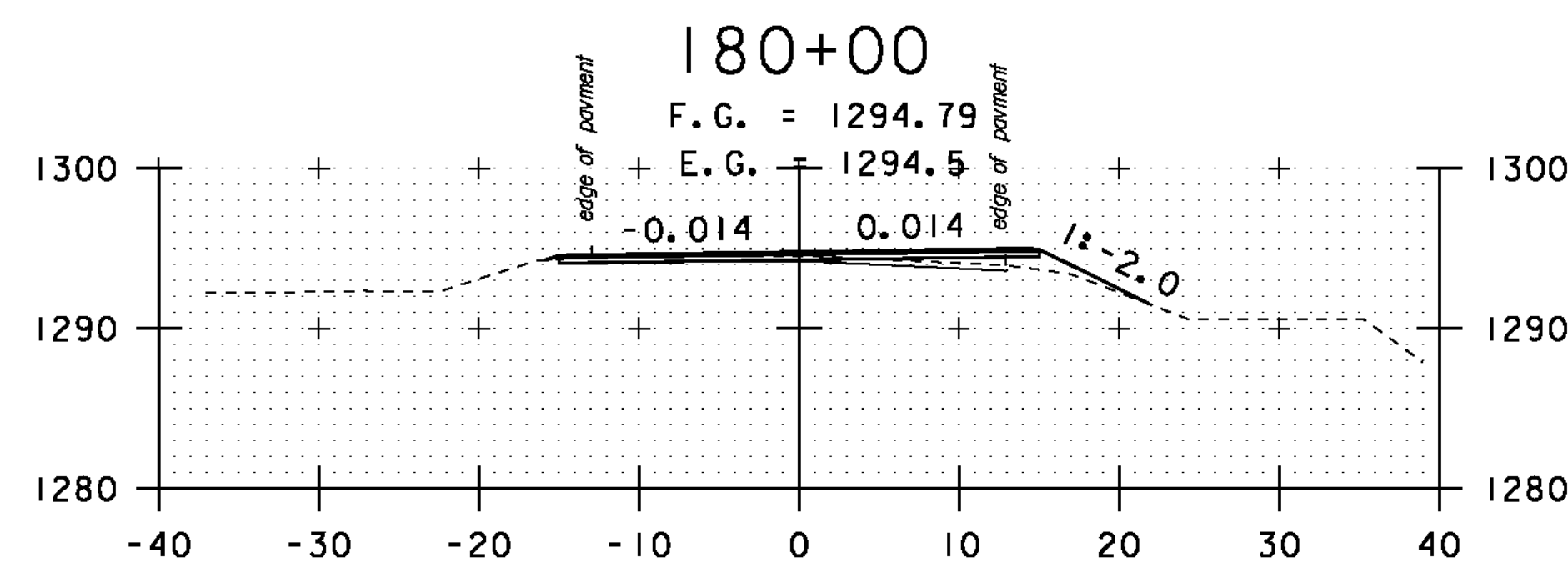
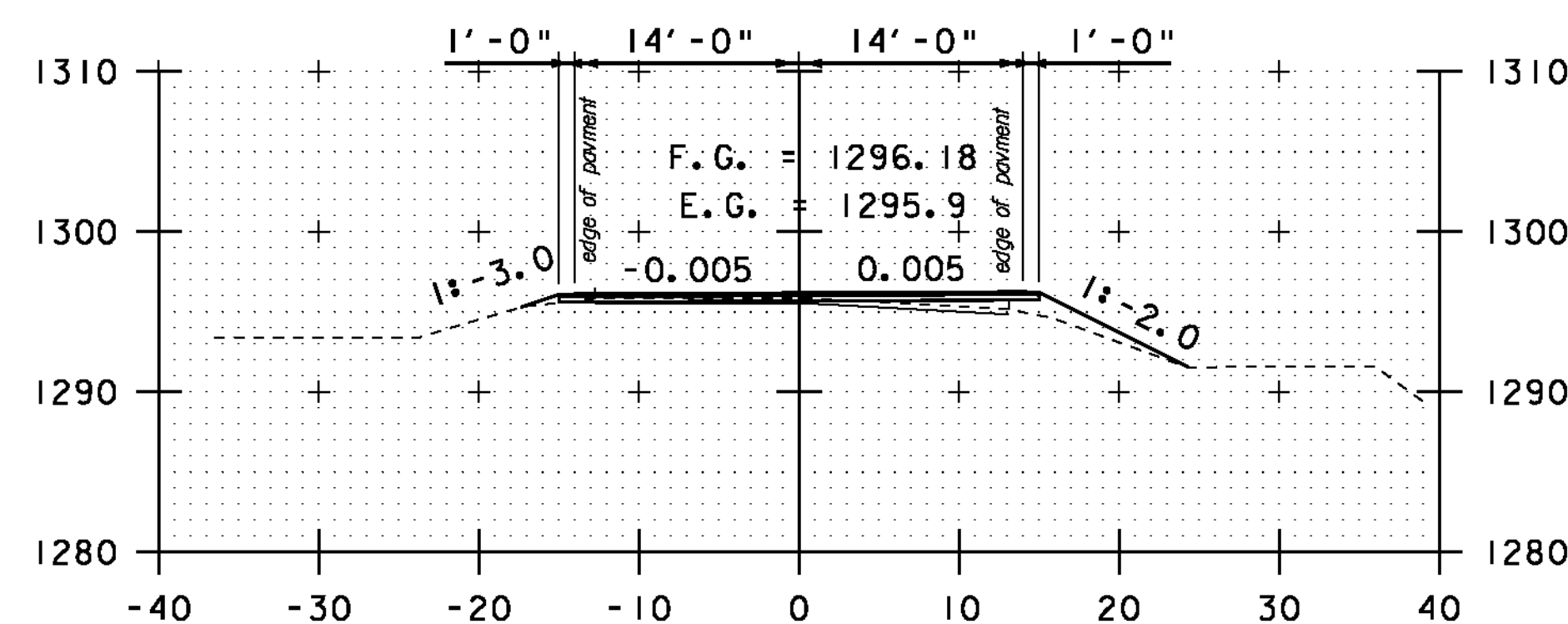


STA. 172+50 TO STA. 178+00

SCALE 1" = 10'-0"

CROSS SECTION SHEET 33

PROJECT NAME:	MONTGOMERY-WESTFIELD
PROJECT NUMBER:	STP 2906(I)
FILE NAME:	p10ci90.dgn
PROJECT LEADER:	CDL
DESIGNED BY:	SJL
PLOT FILE:	p10ci90_147.1
PLOT DATE:	9/5/12
DRAWN BY:	SJL
CHECKED BY:	CDL
SHEET	147 OF 178

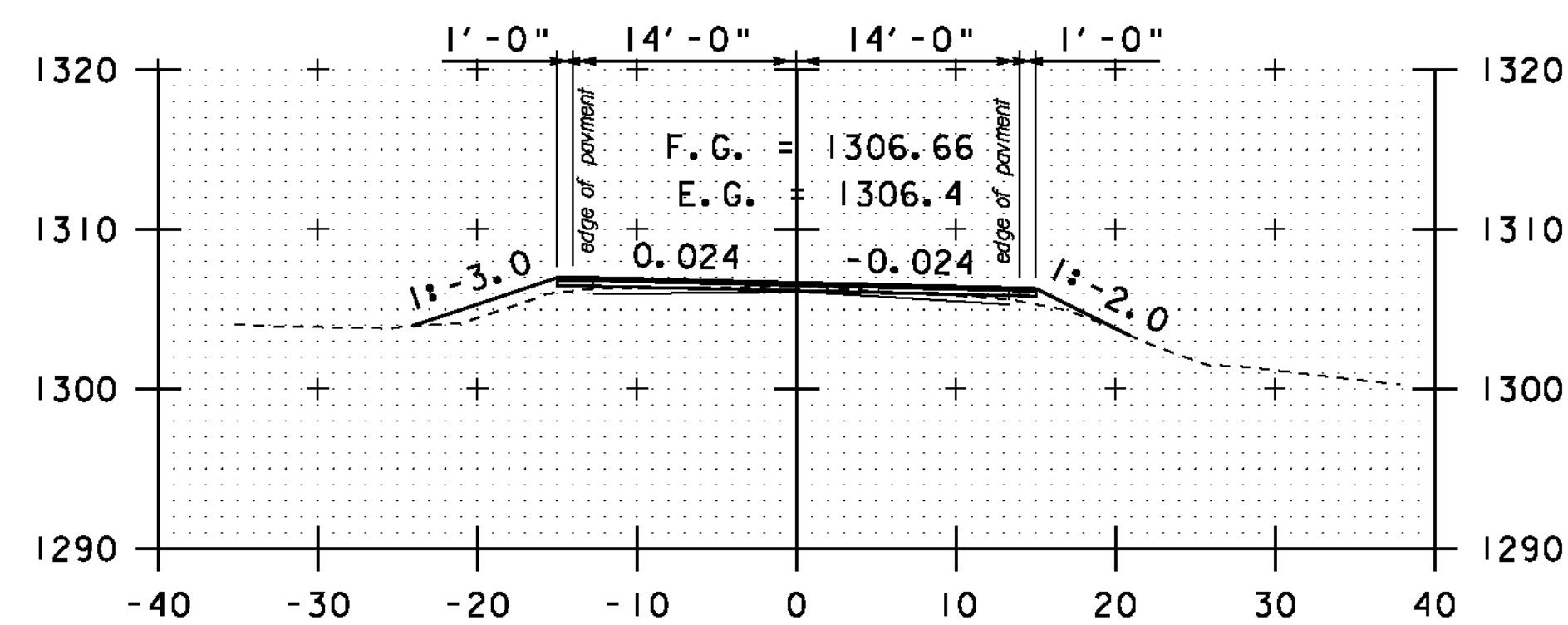
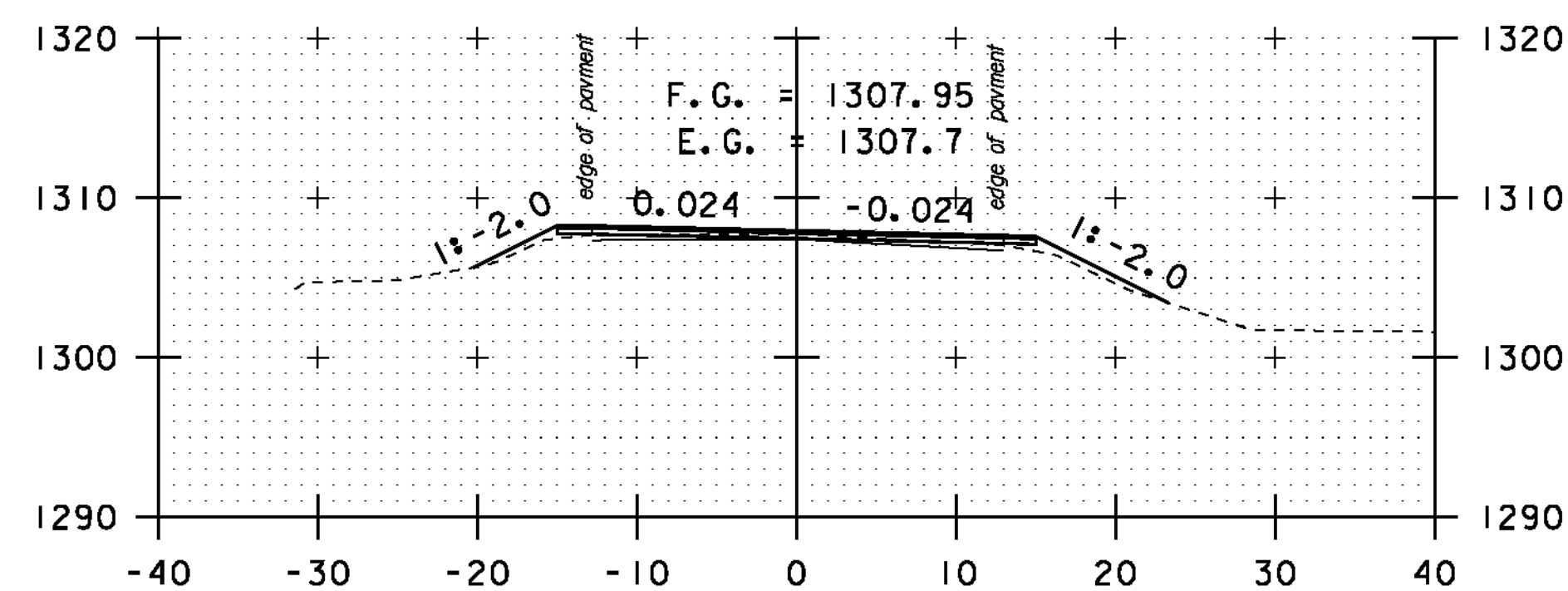
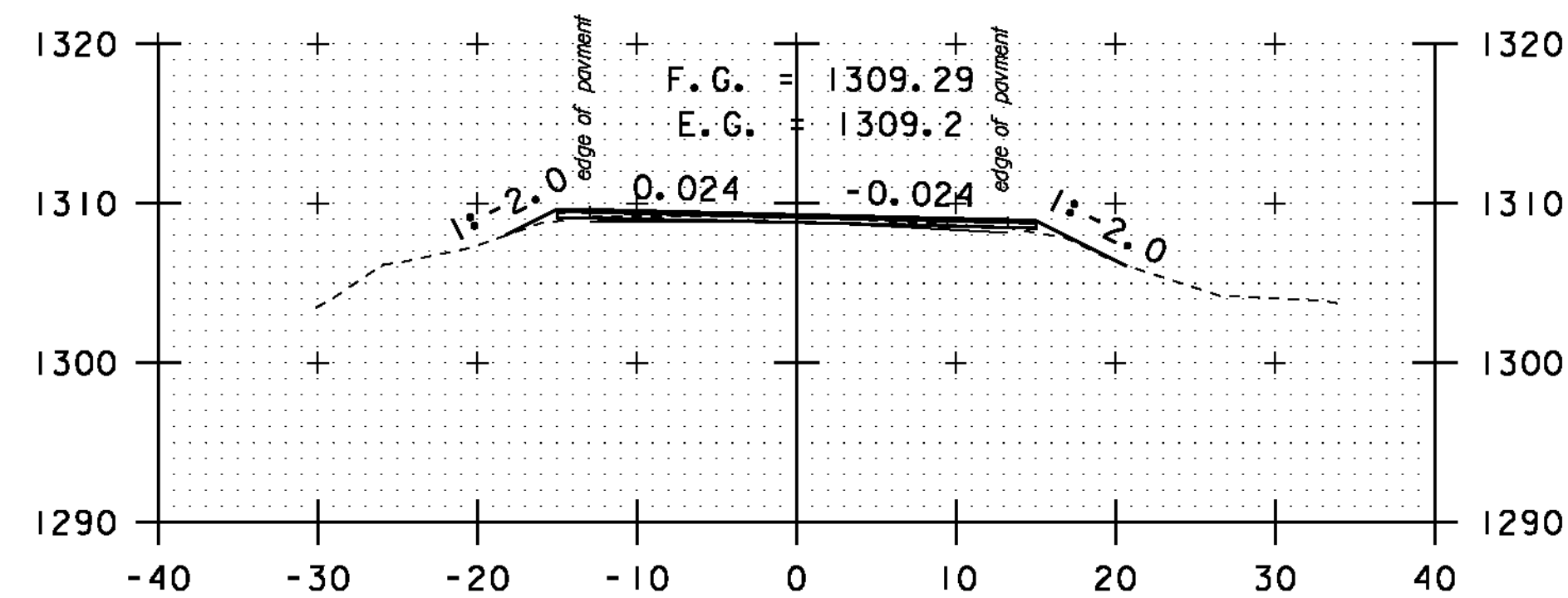
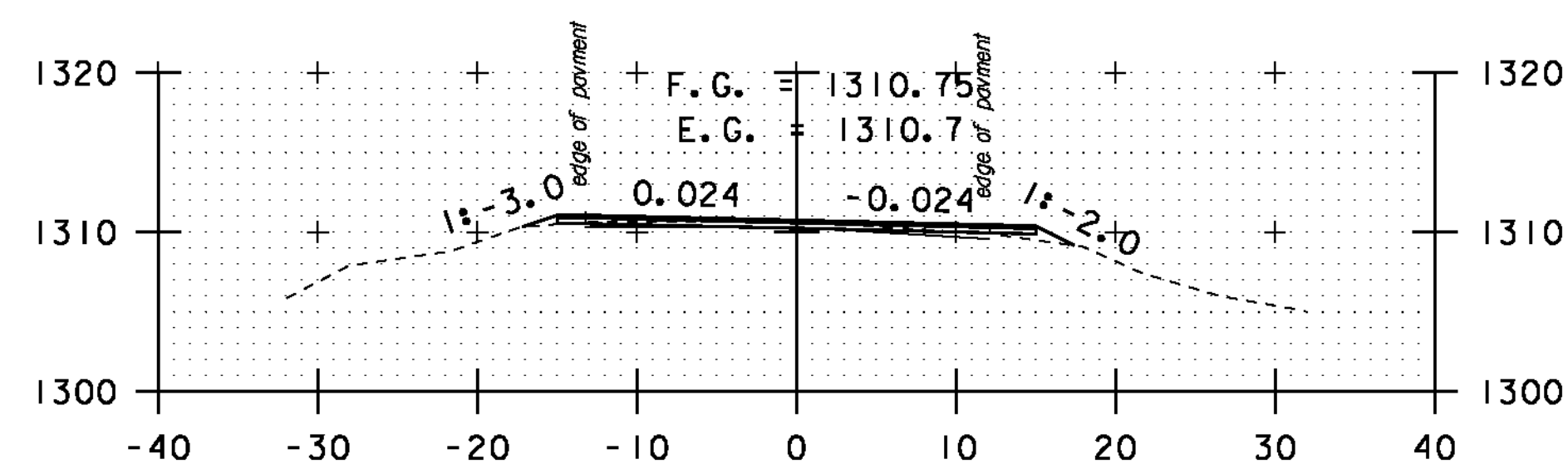


STA. 178+50 TO STA. 183+50

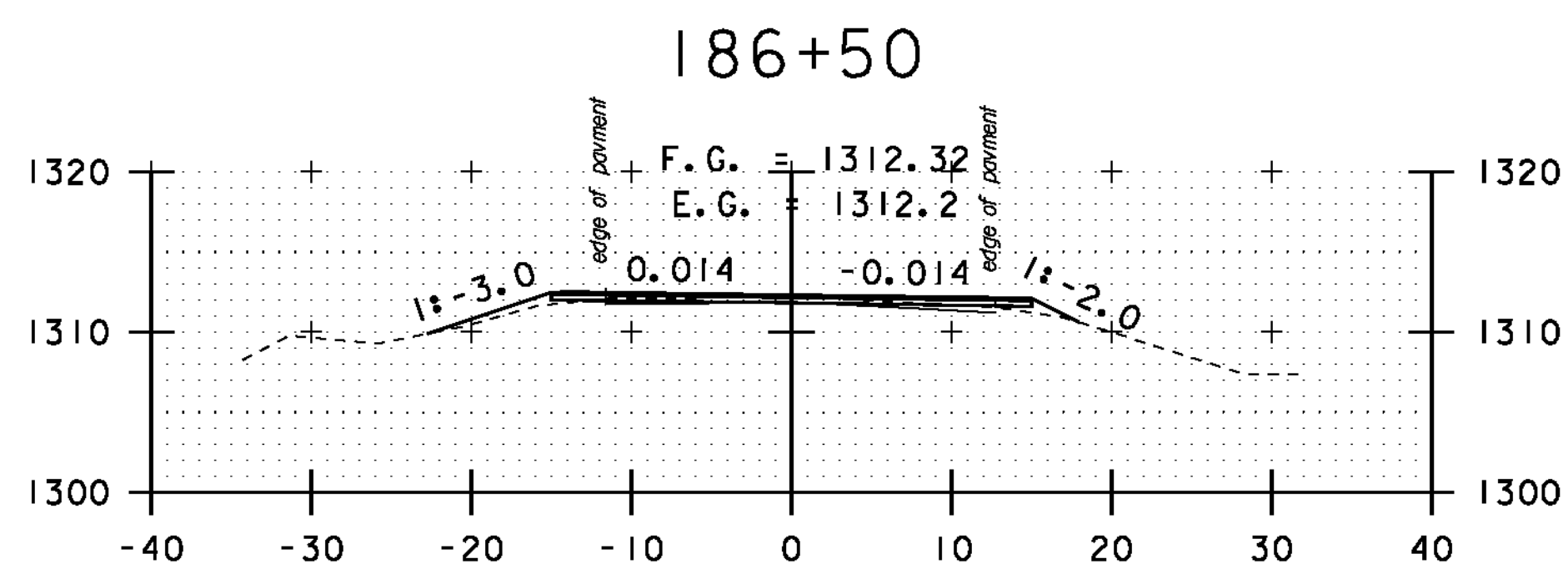
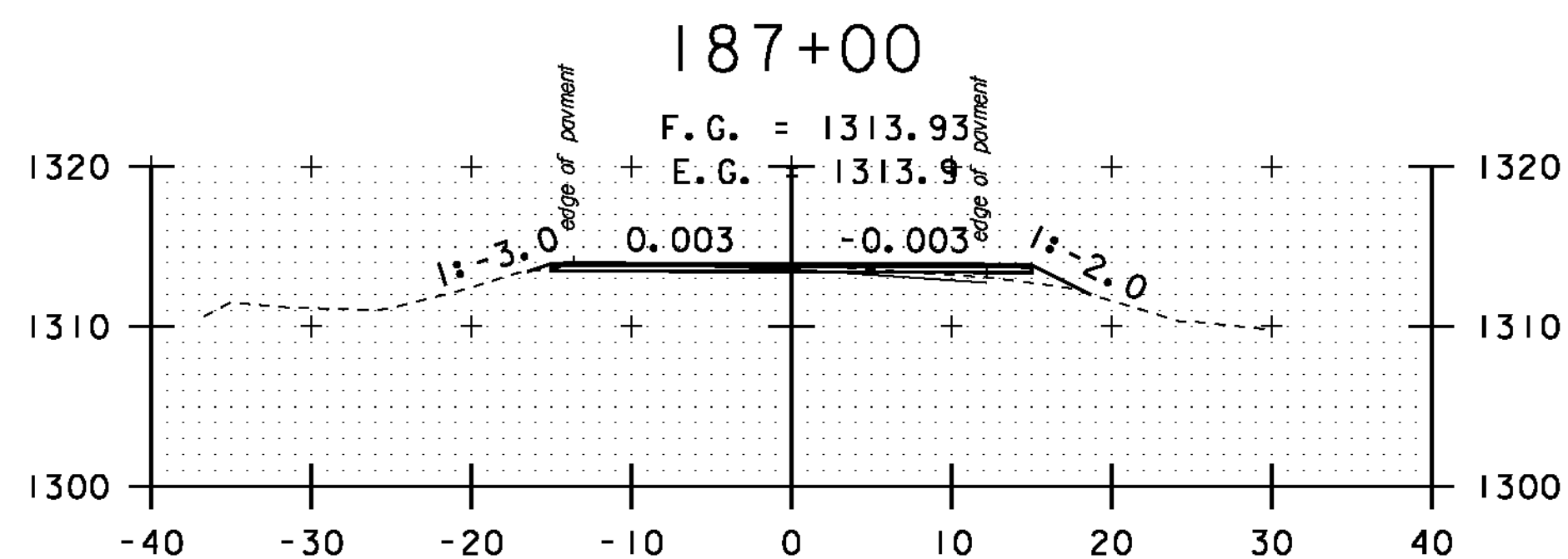
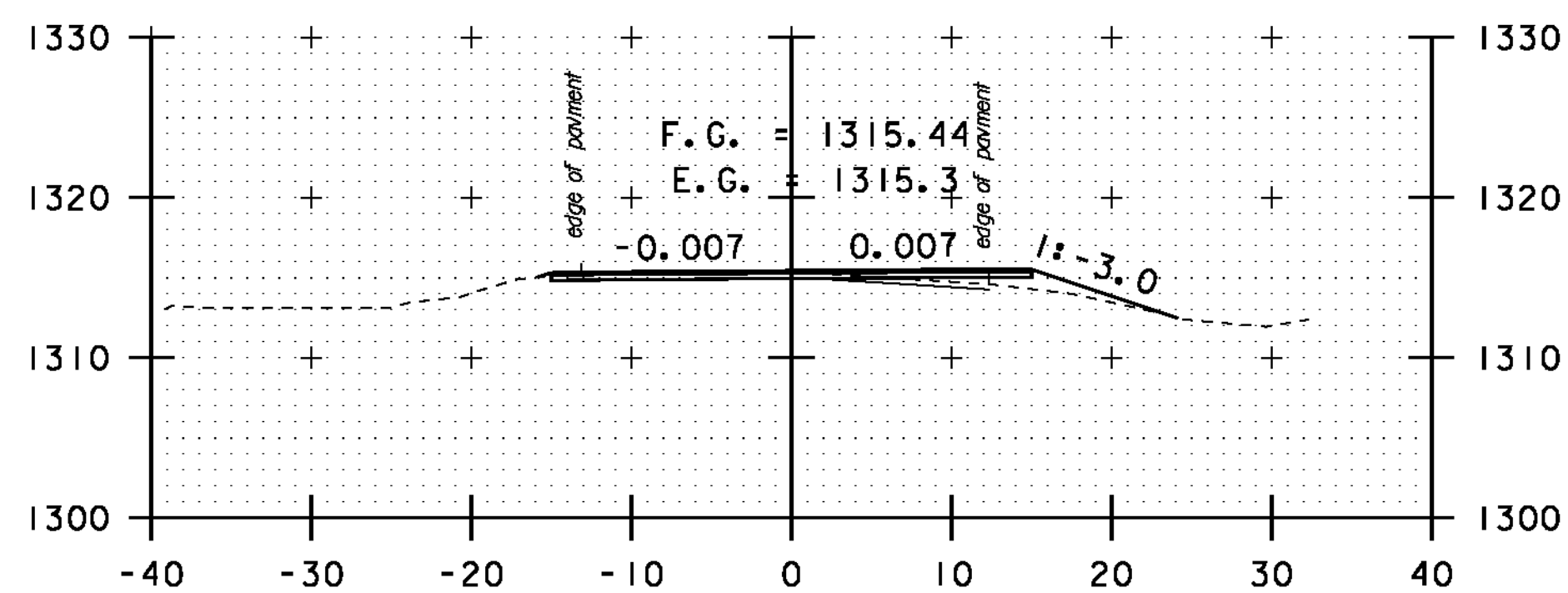
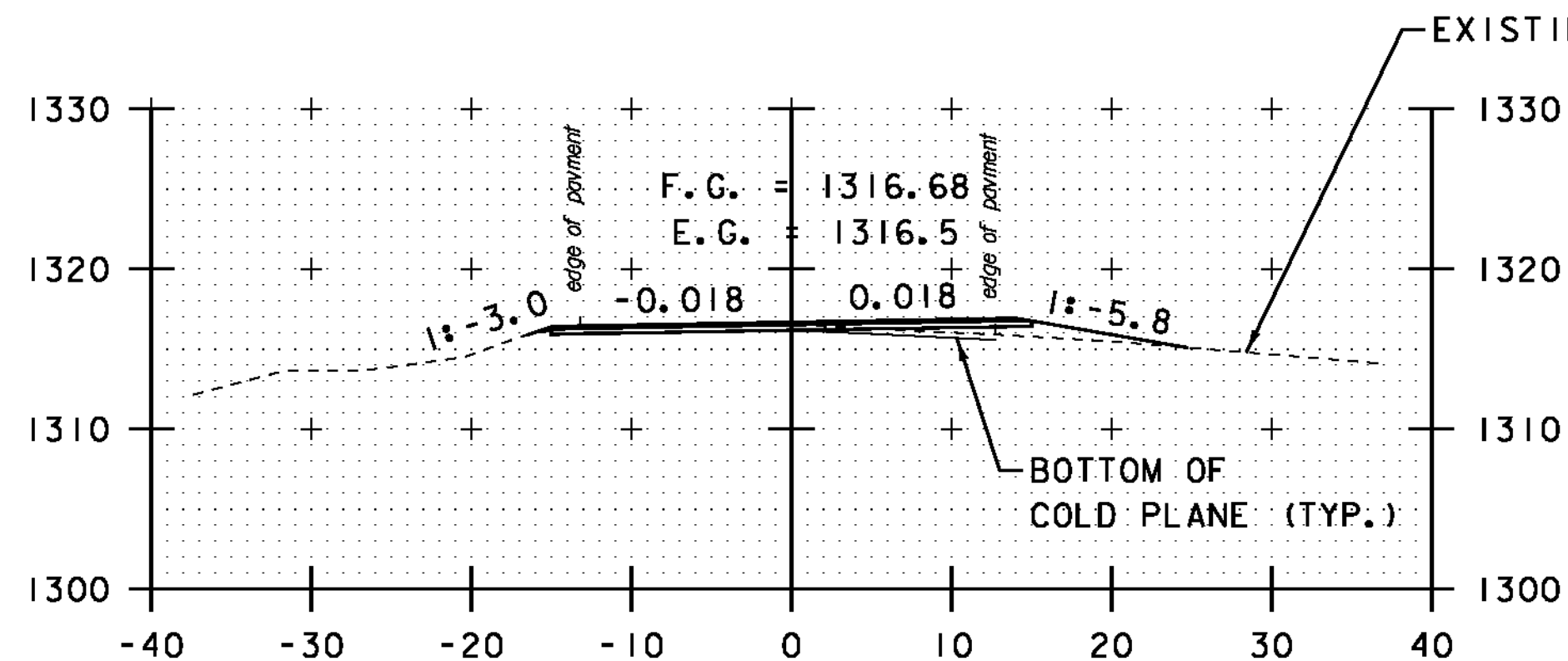
SCALE 1" = 10'-0"

**CROSS
SECTION
SHEET 34**

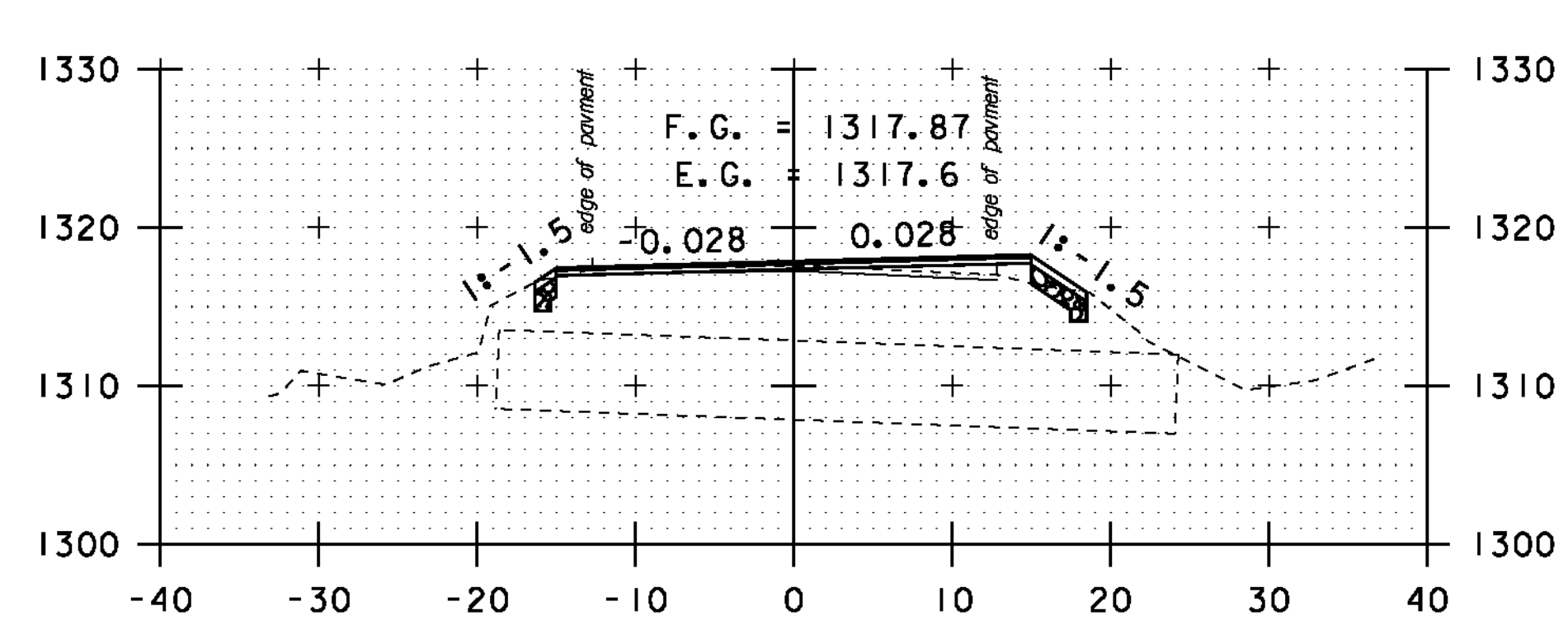
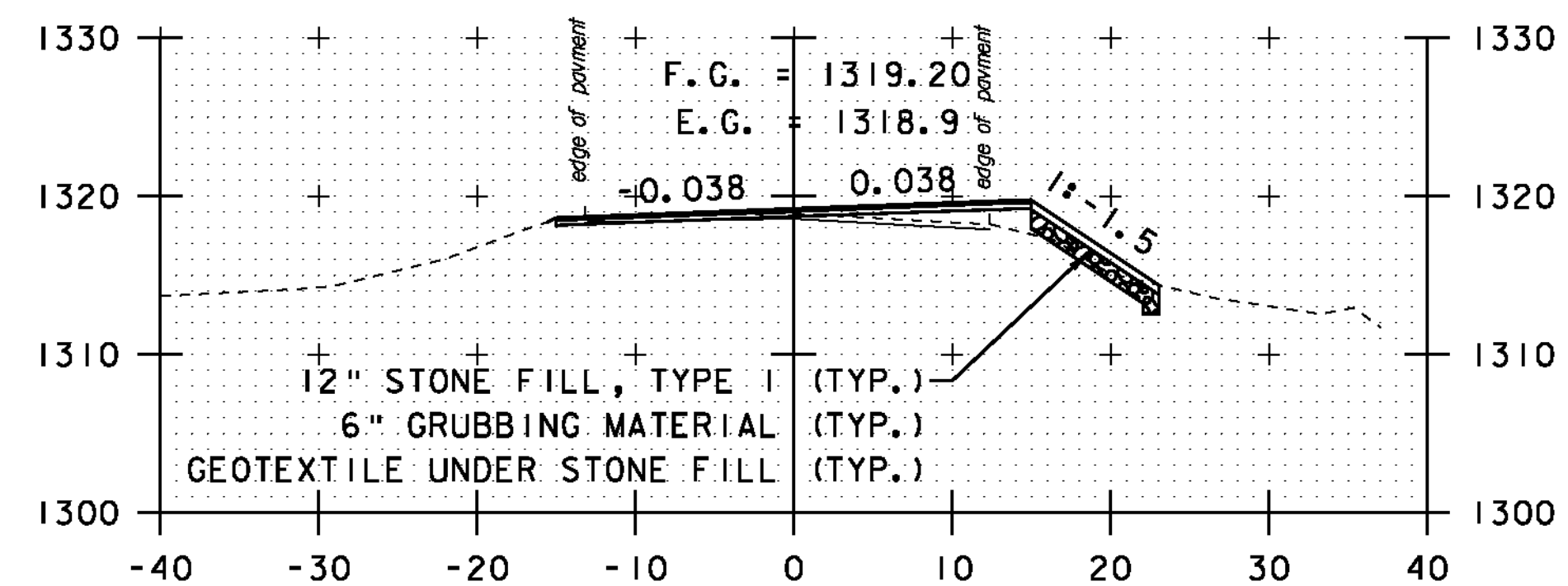
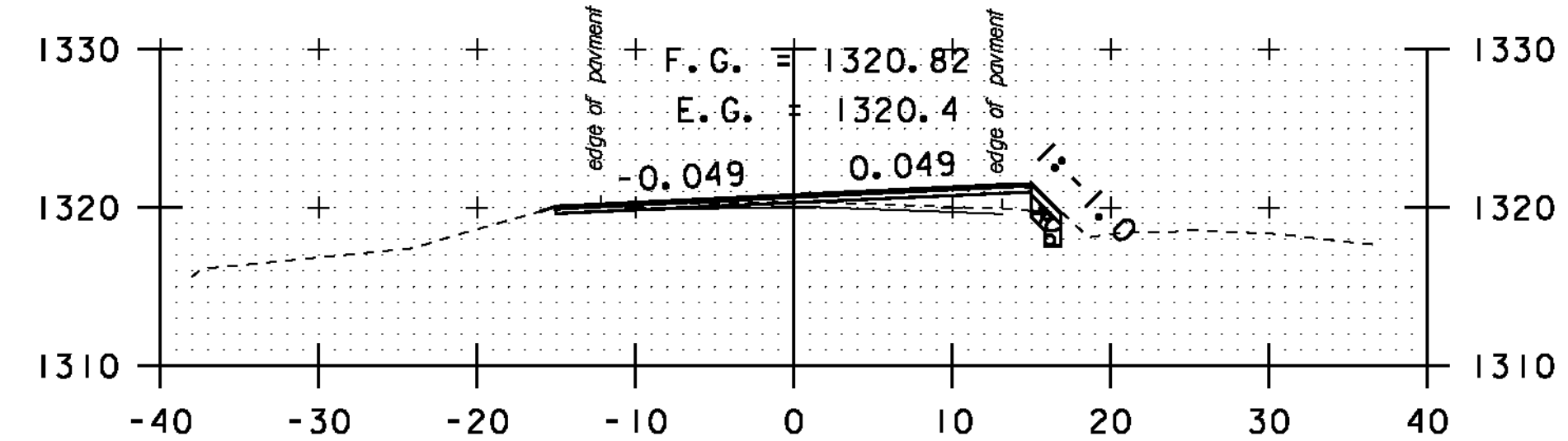
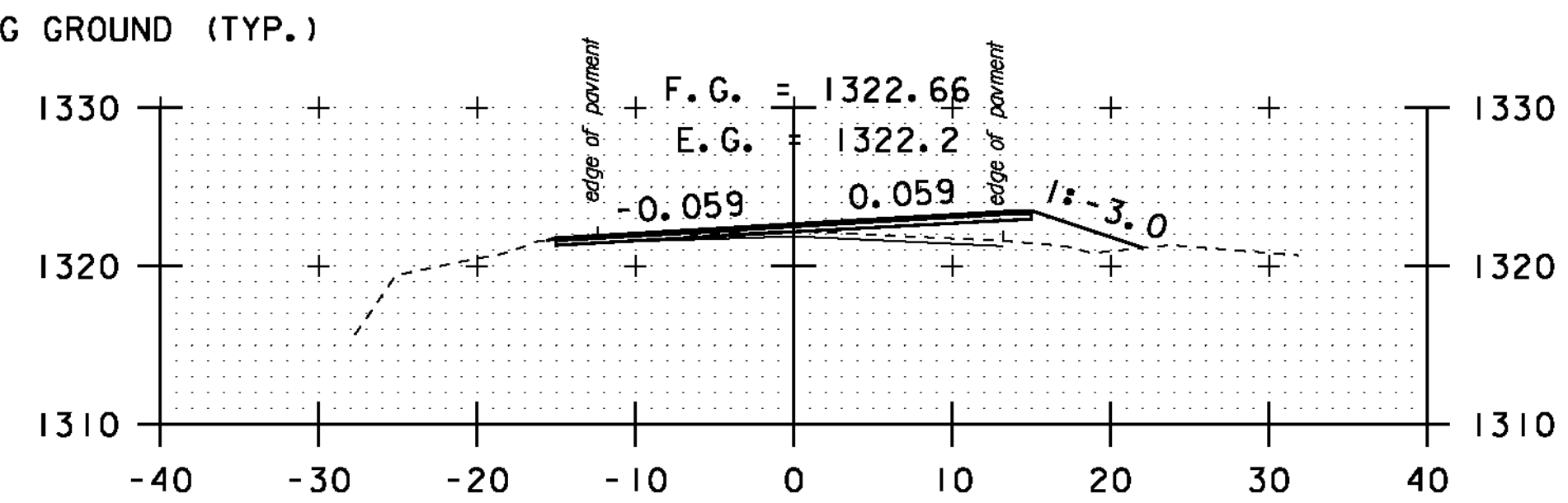
PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(1)
FILE NAME: p10C190.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C190_148.1
PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: CDL
SHEET 148 OF 178



184+00



186+00



188+00

STA. 184+00 TO STA. 189+50

SCALE 1" = 10'-0"

**CROSS
SECTION
SHEET 35**

PROJECT NAME: MONTGOMERY-WESTFIELD

PROJECT NUMBER: STP 2906(1)

FILE NAME: p10CI90.dgn

PROJECT LEADER: CDL

DESIGNED BY: SJL

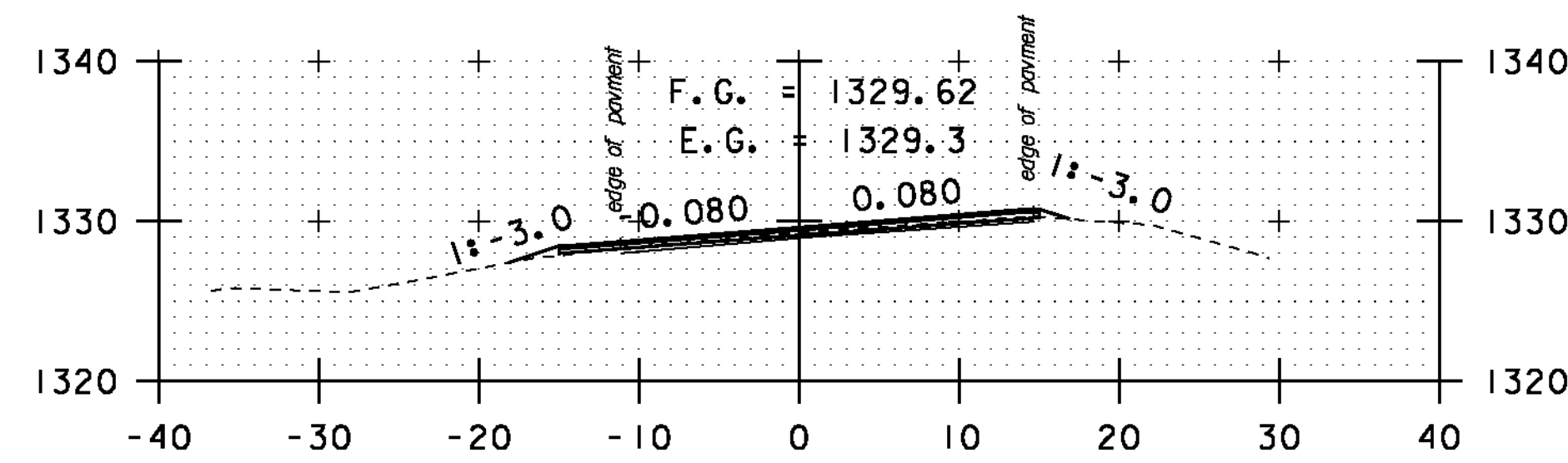
PLOT FILE: p10CI90_149.1

PLOT DATE: 9/5/12

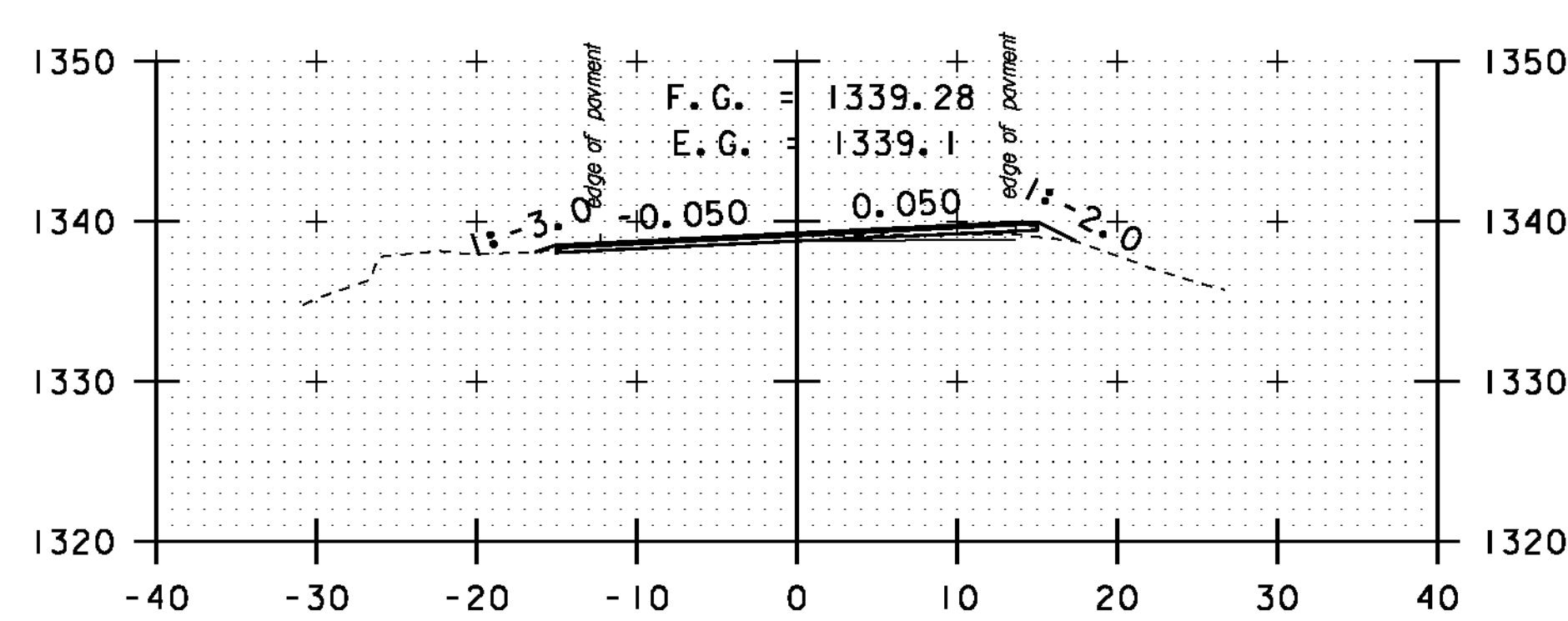
DRAWN BY: SJL

CHECKED BY: CDL

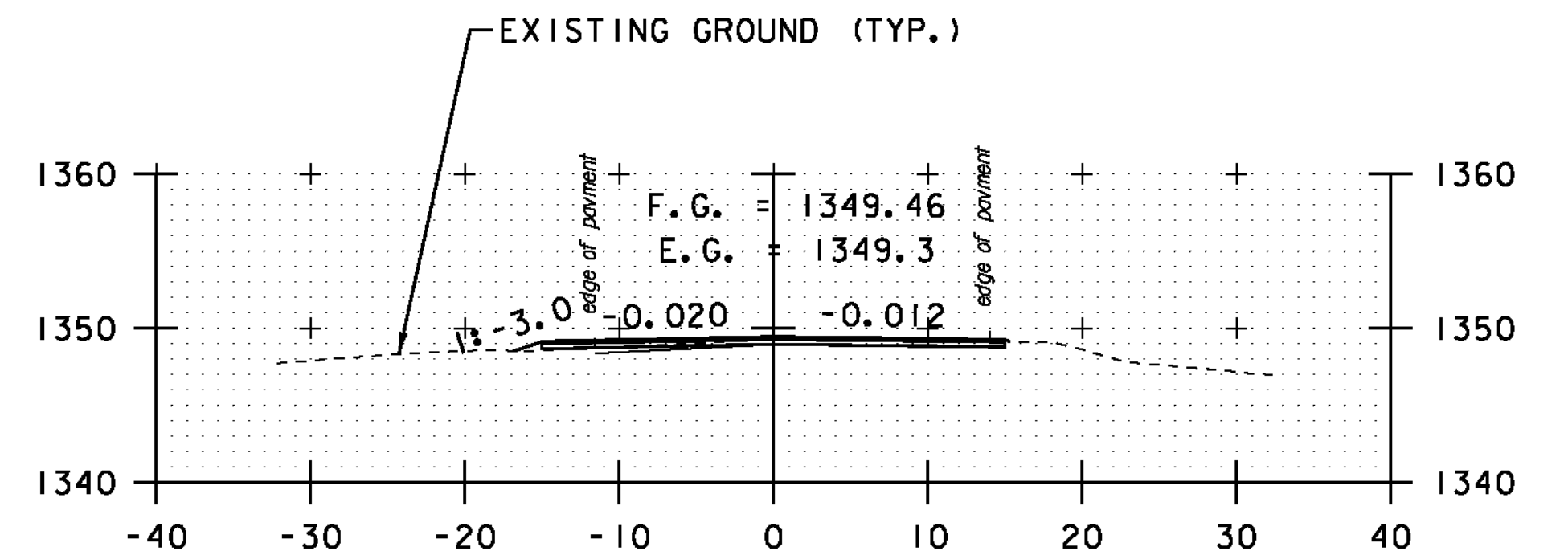
SHEET 149 OF 178



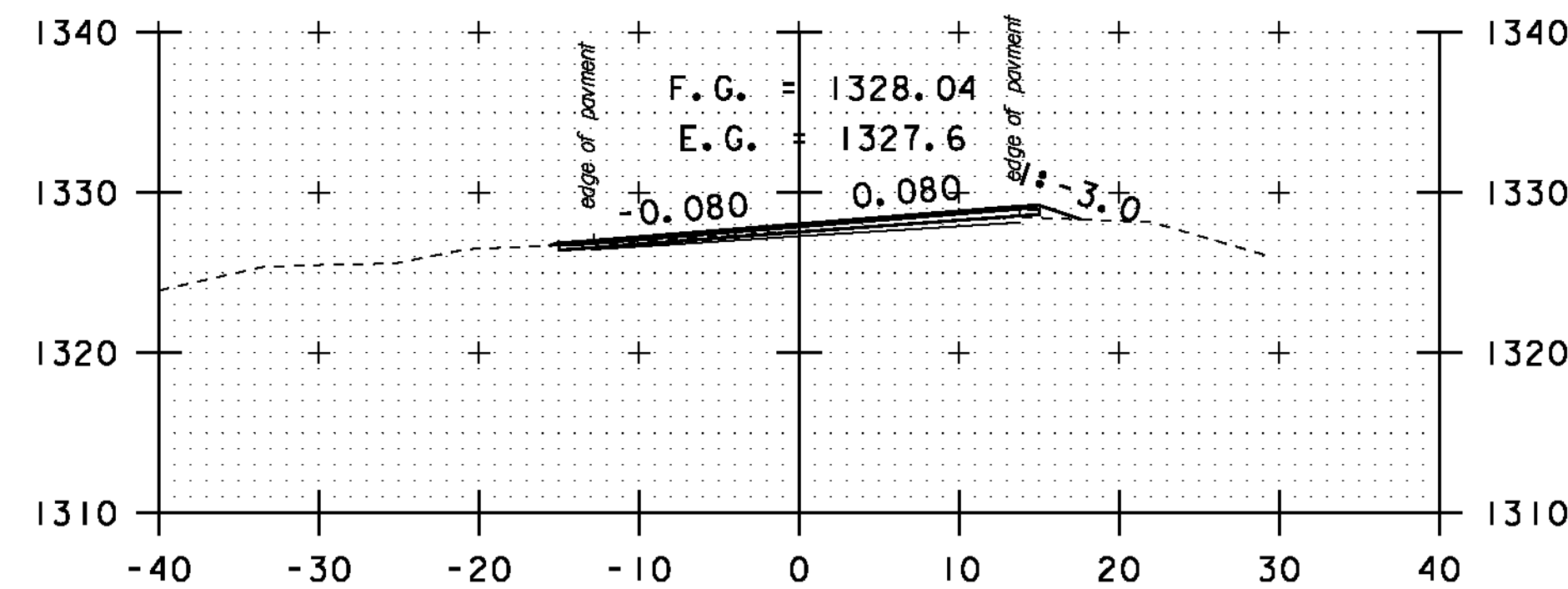
191+50



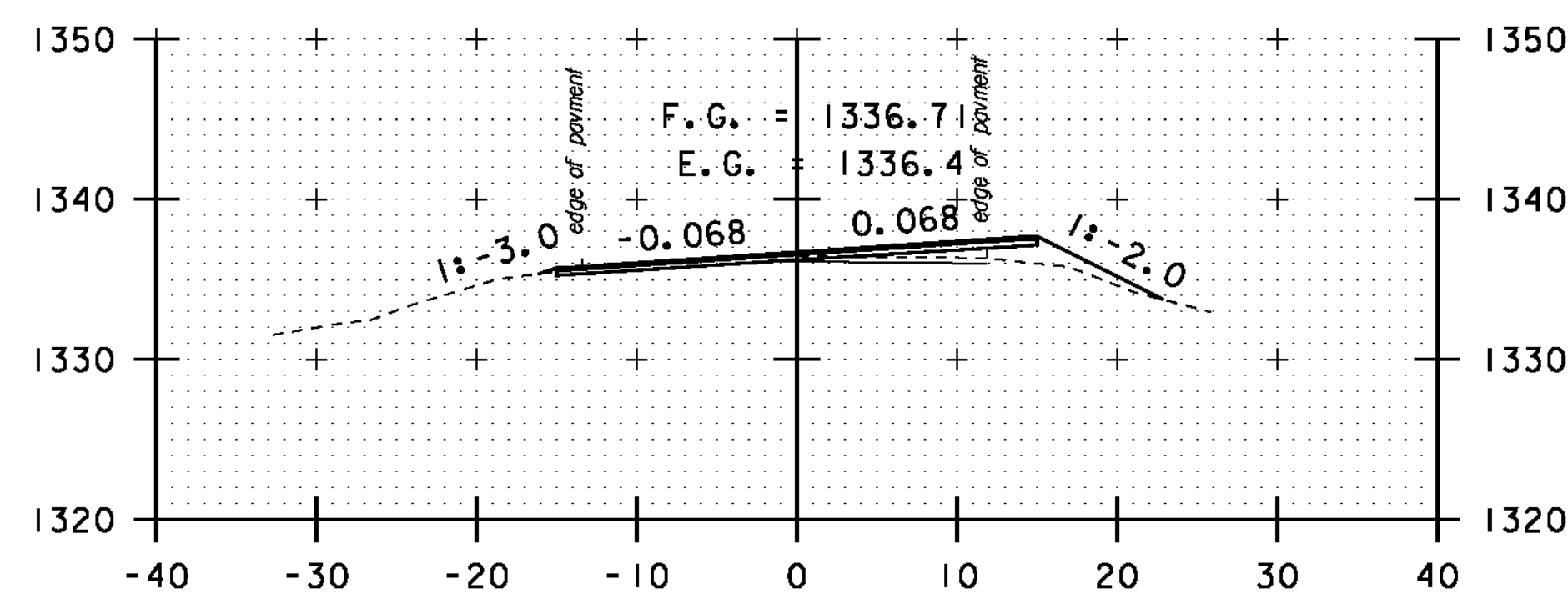
193+50



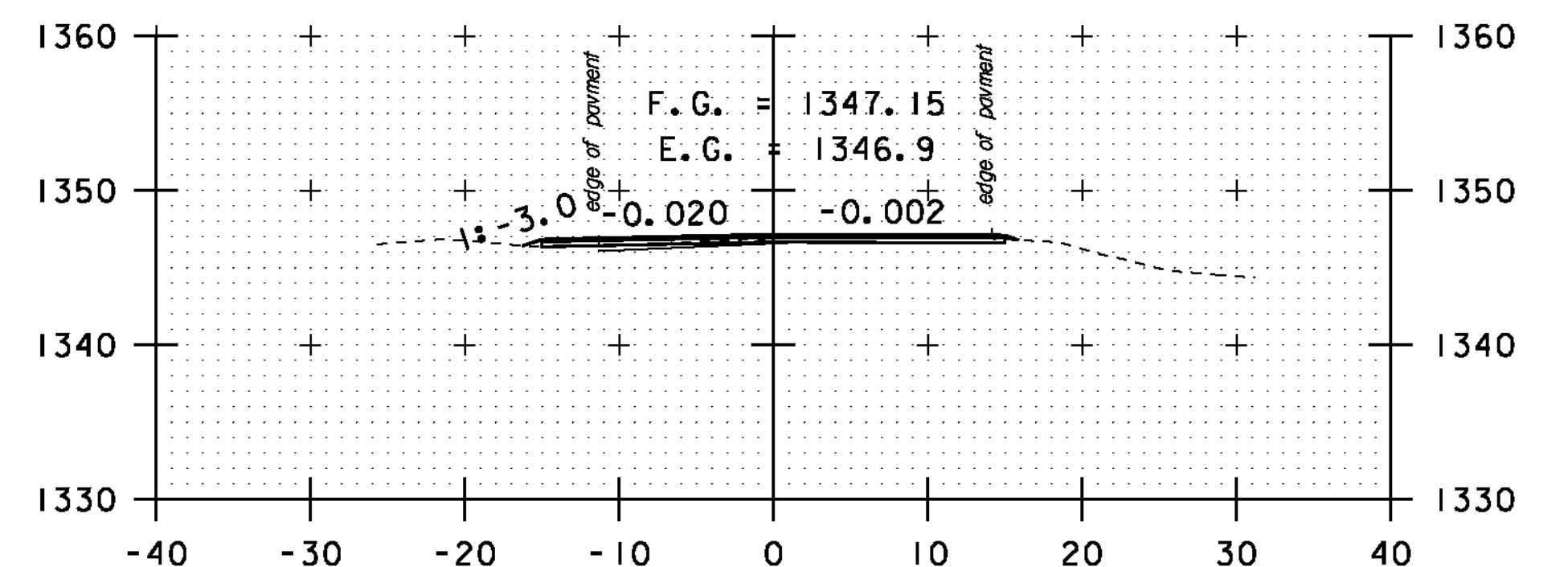
195+50



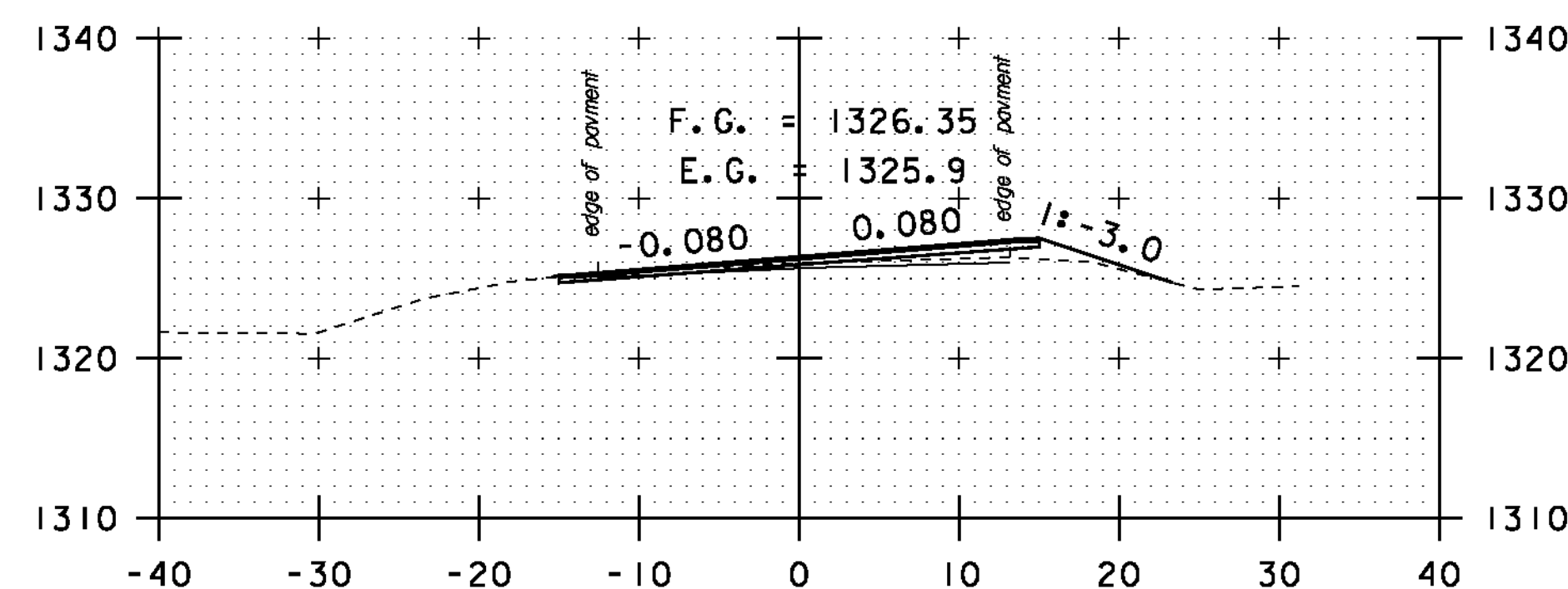
191+00



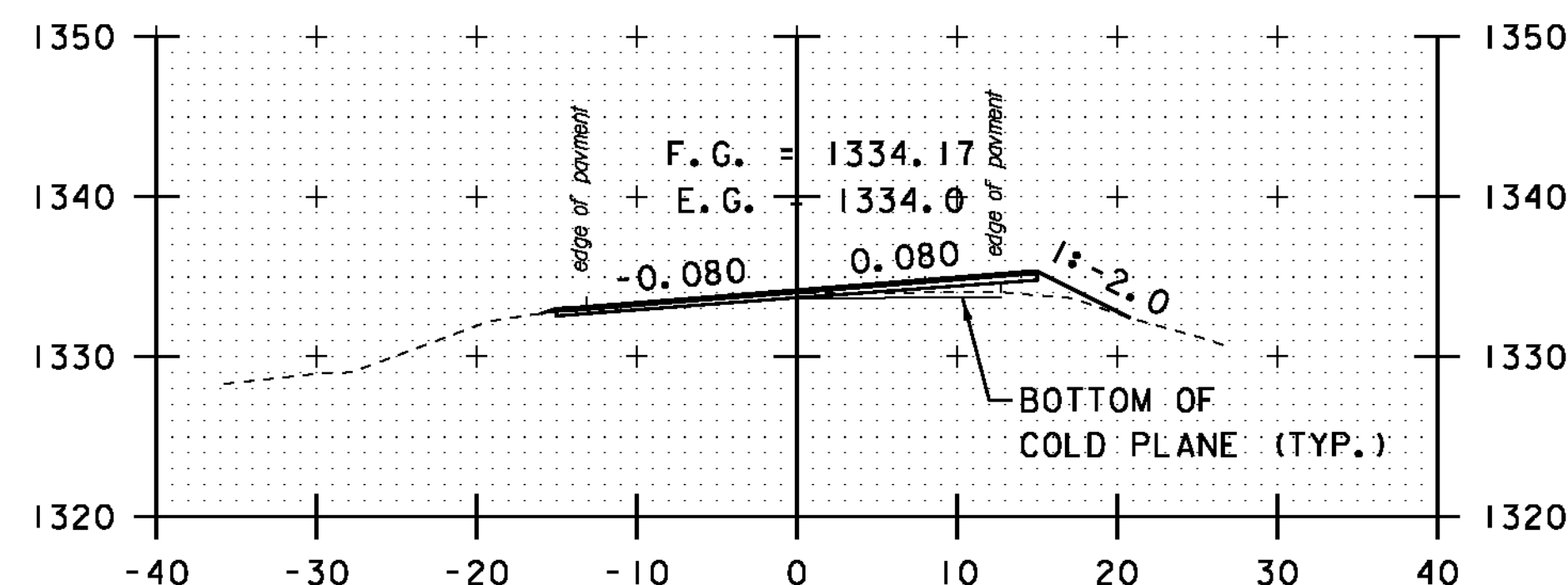
193+00



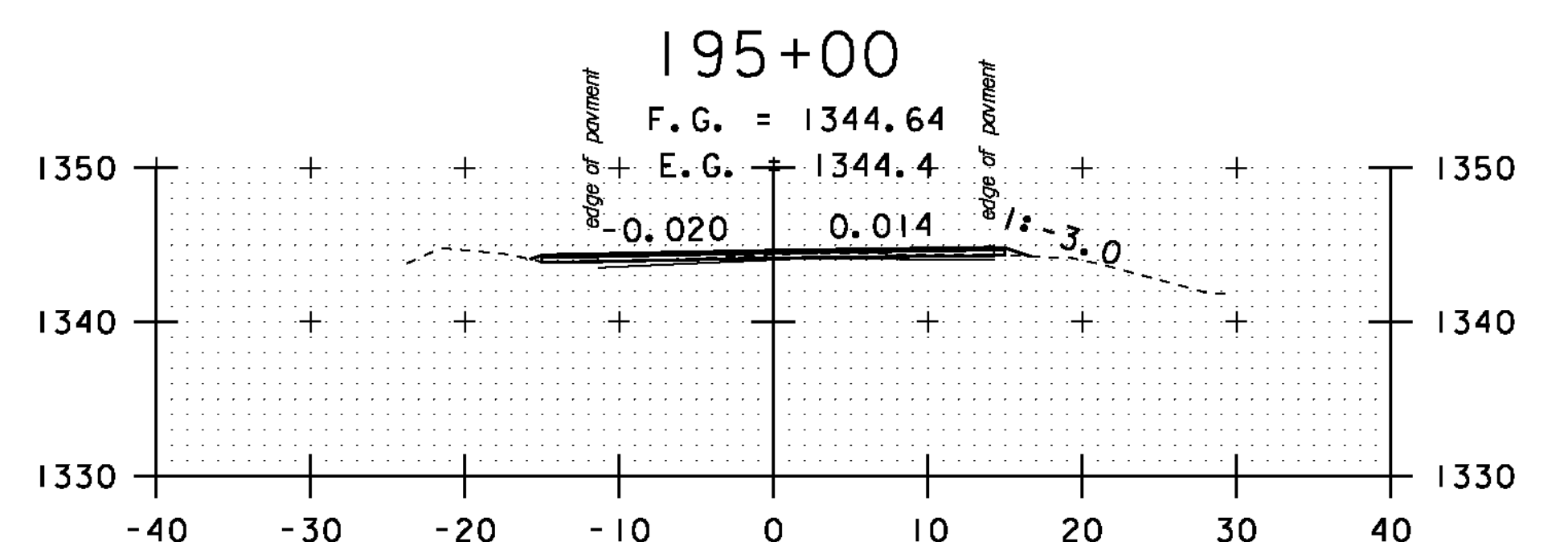
195+00



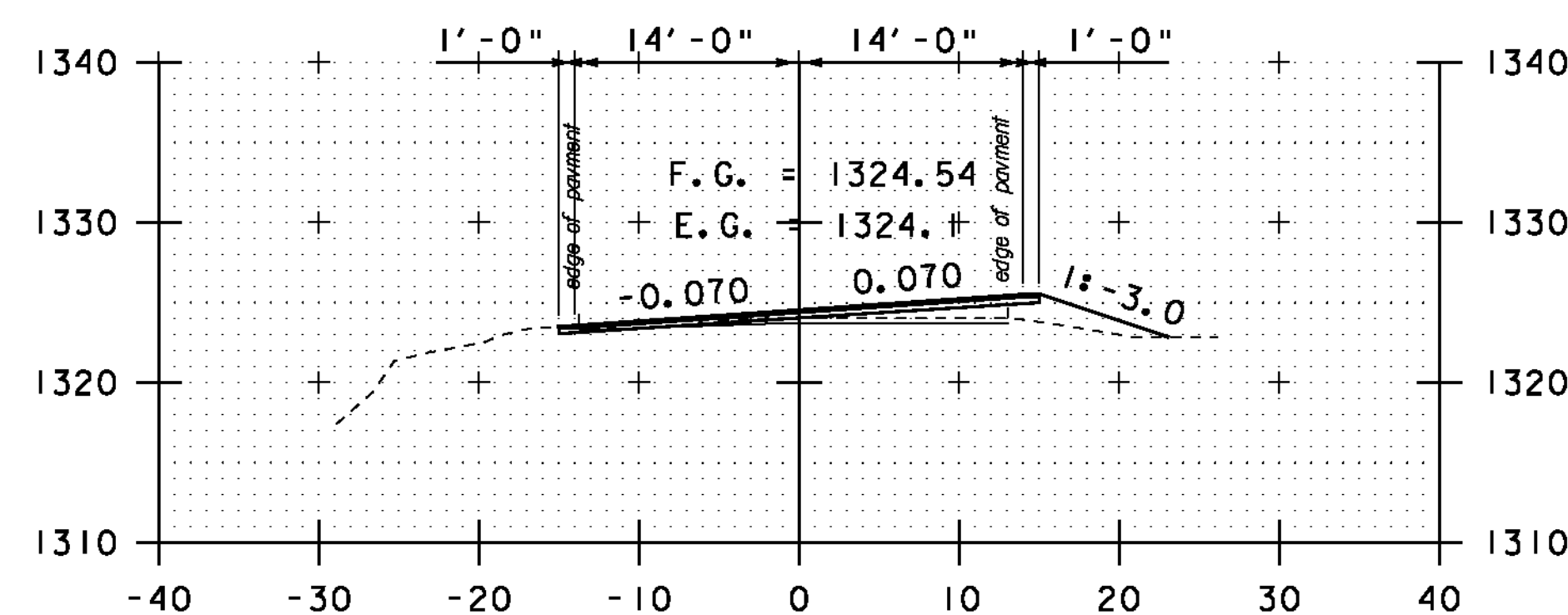
190+50



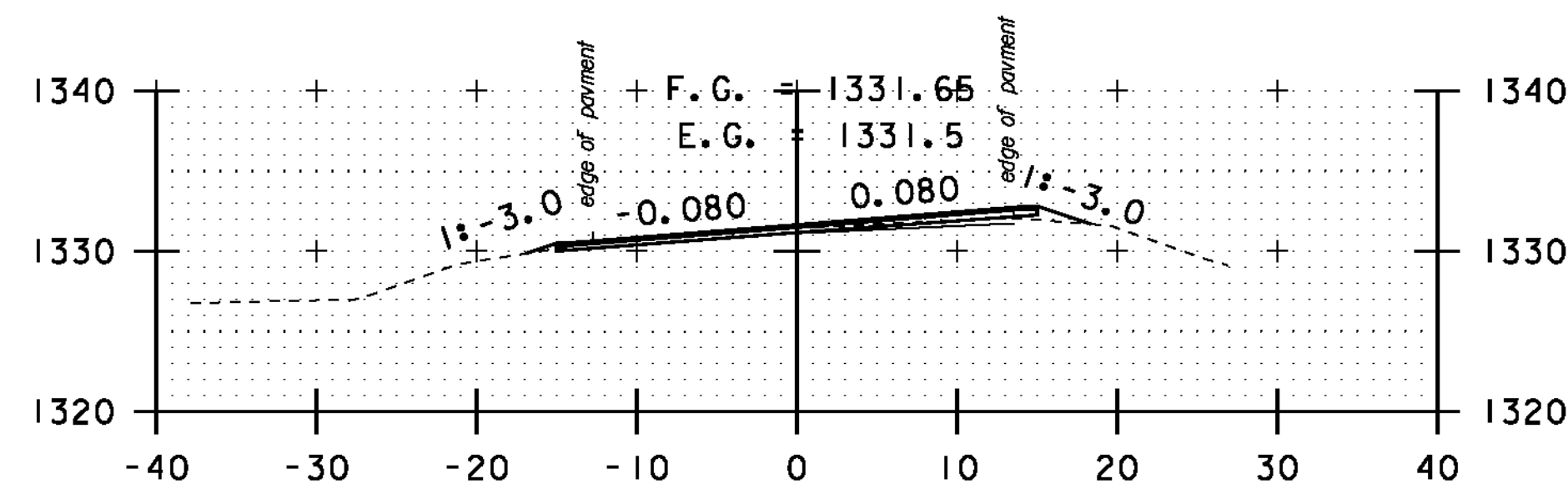
192+50



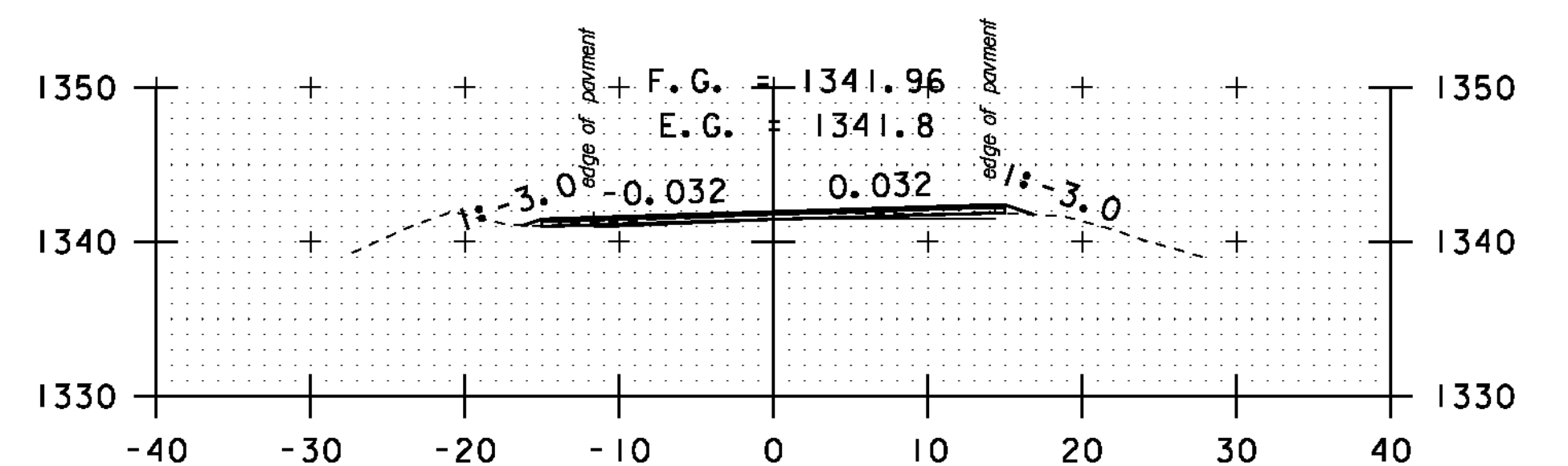
194+50



190+00



192+00



194+00

STA. 190+00 TO STA. 195+50

SCALE 1" = 10'-0"

**CROSS
SECTION
SHEET 36**

PROJECT NAME: MONTGOMERY-WESTFIELD

PROJECT NUMBER: STP 2906(1)

FILE NAME: p10ci90.dgn

PROJECT LEADER: CDL

DESIGNED BY: SJL

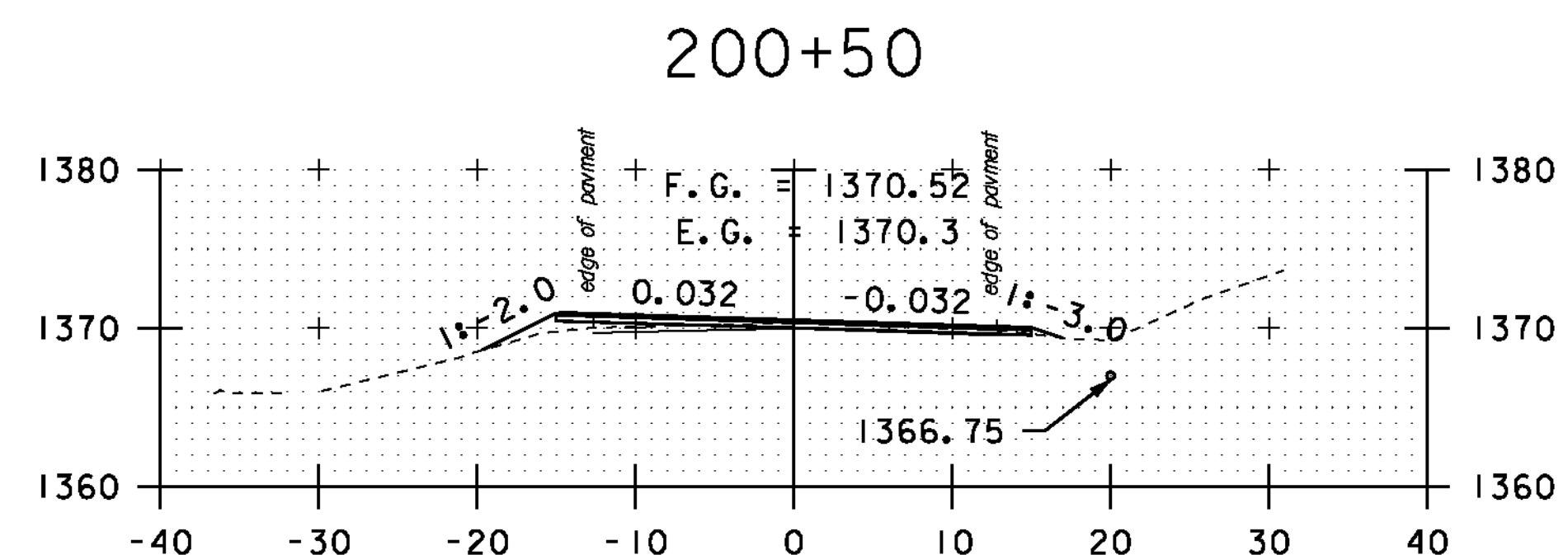
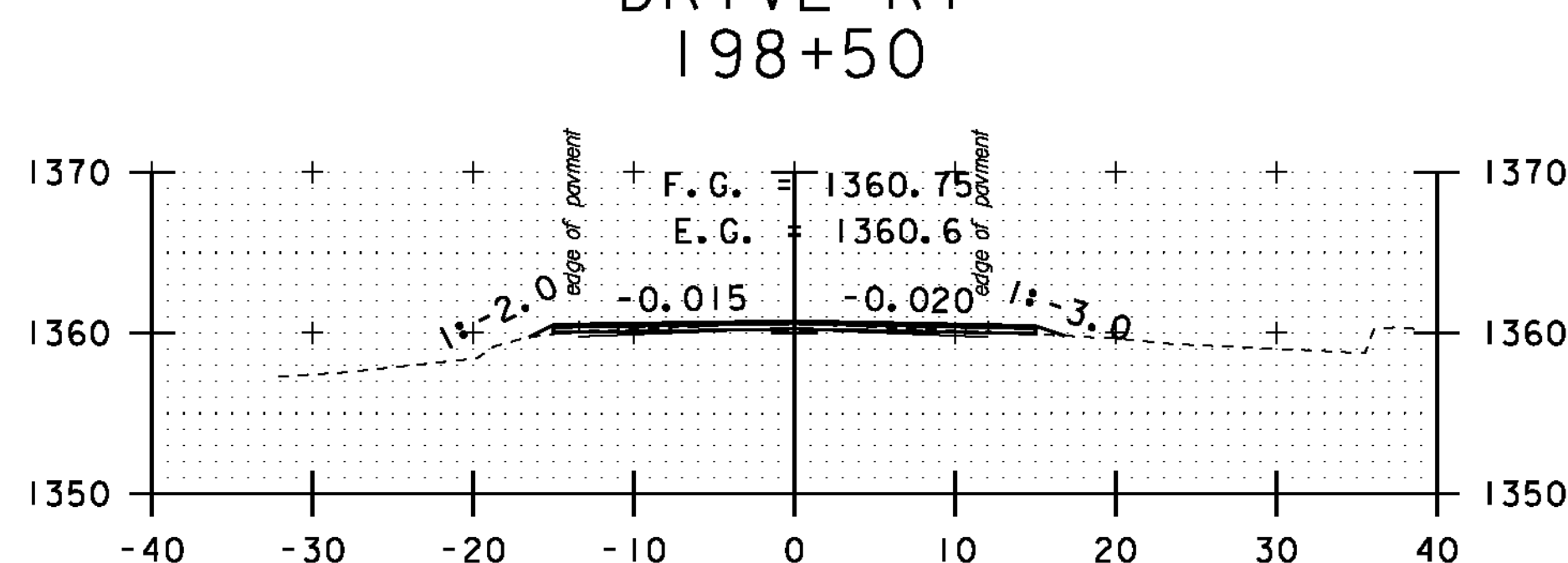
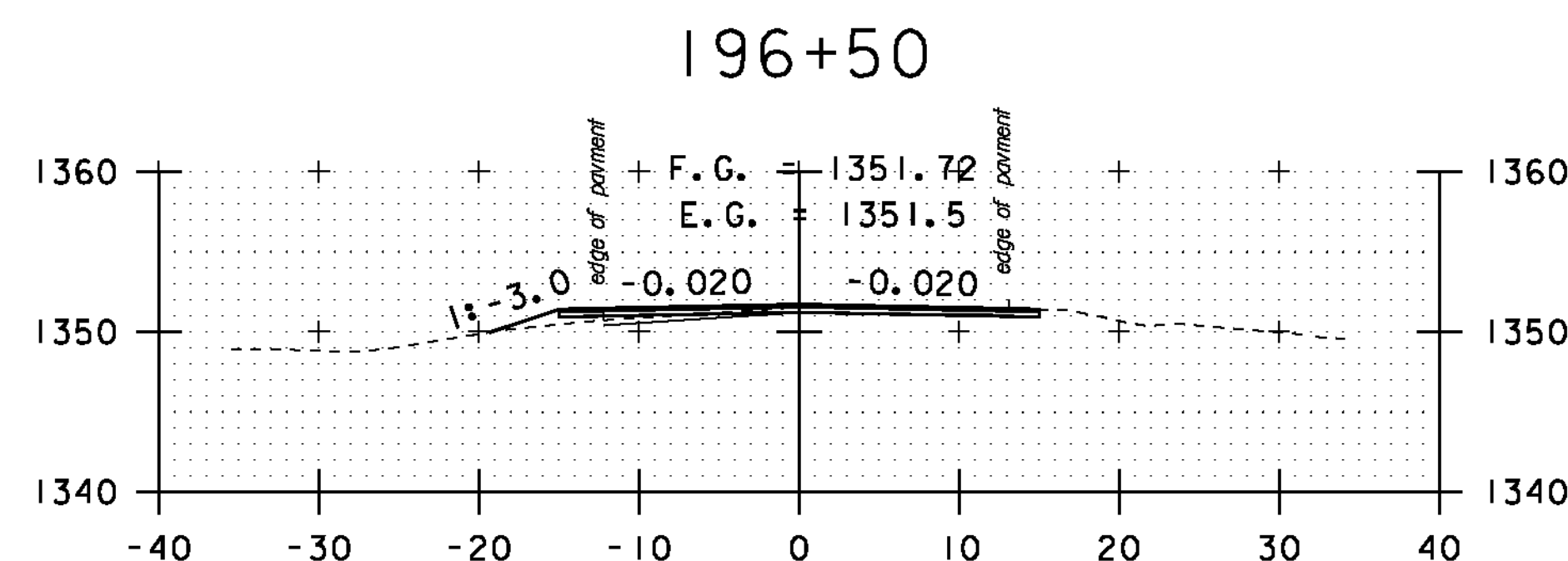
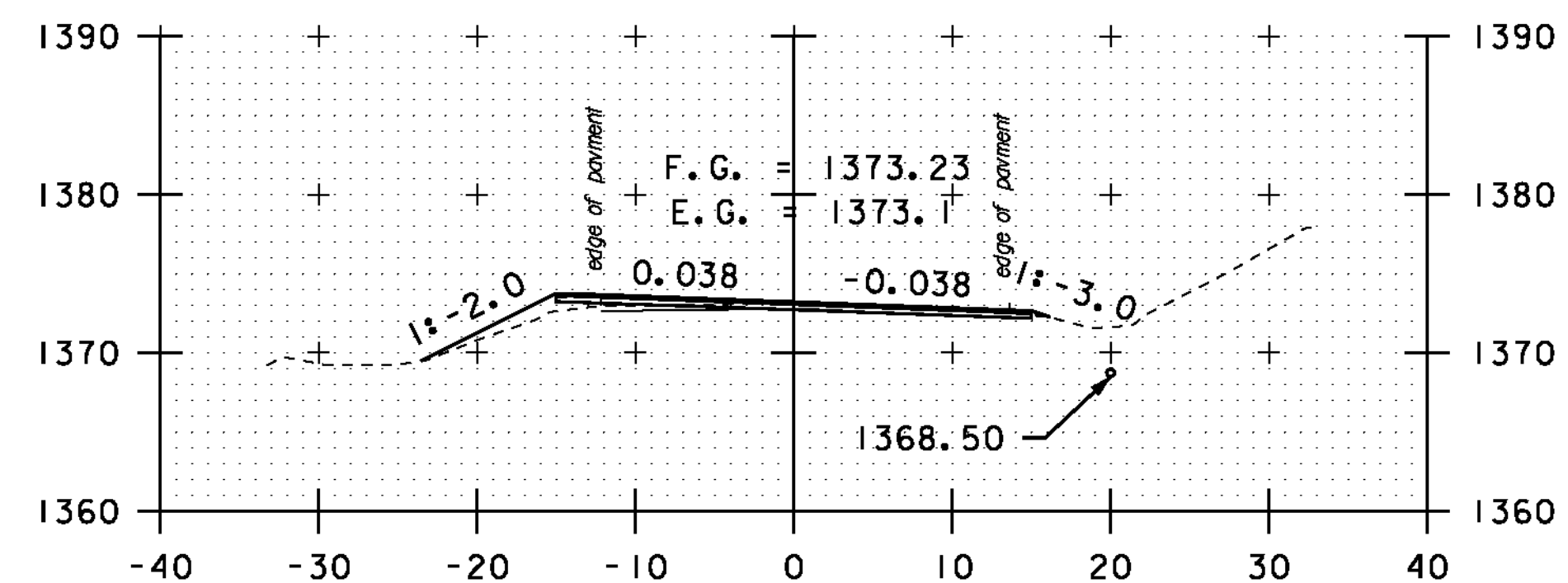
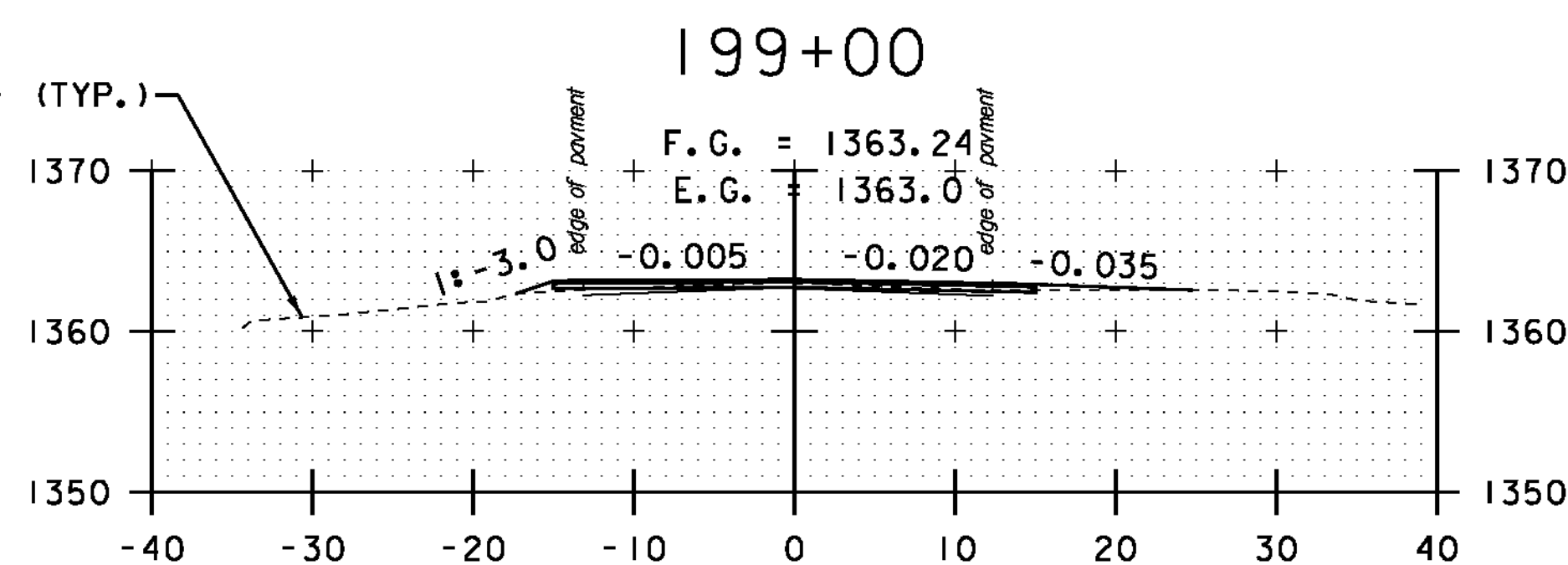
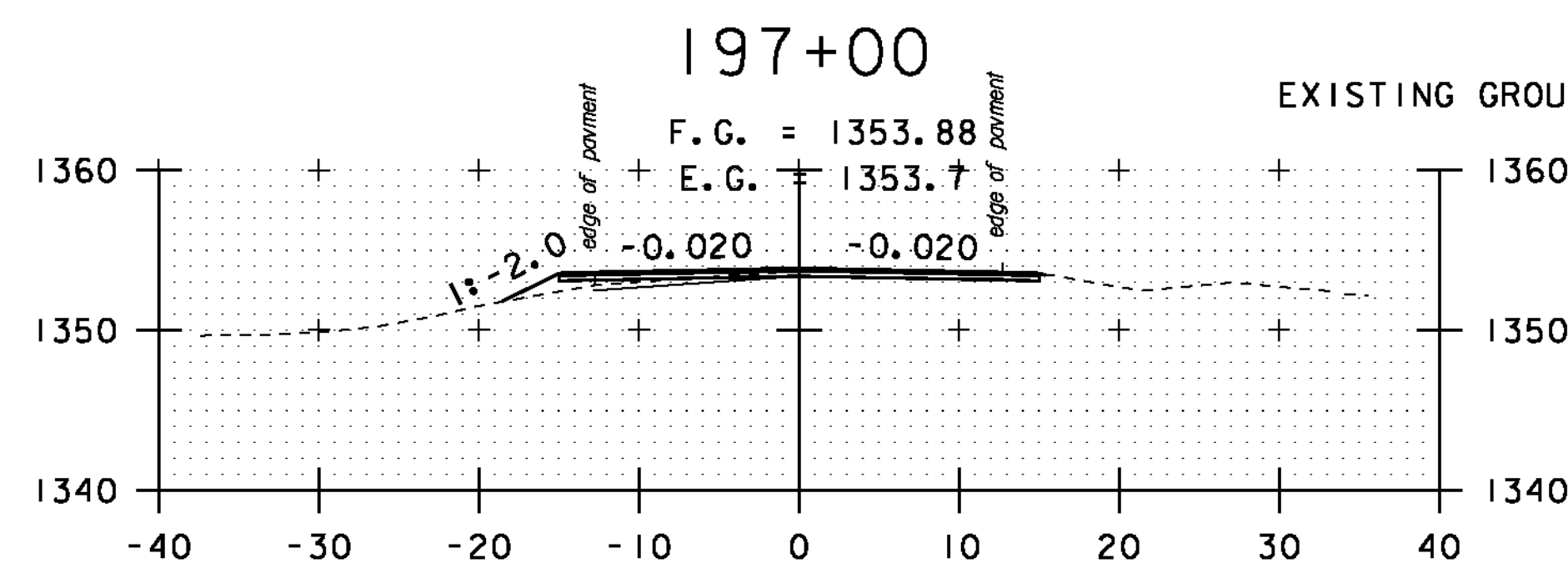
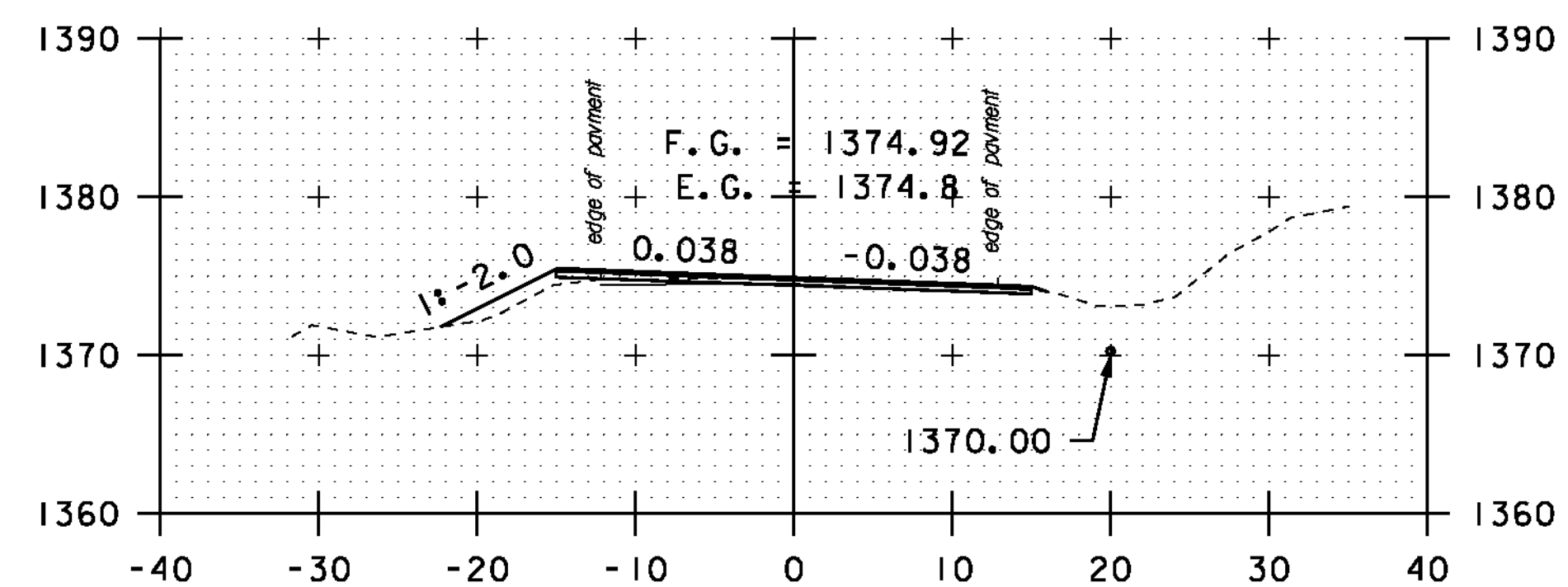
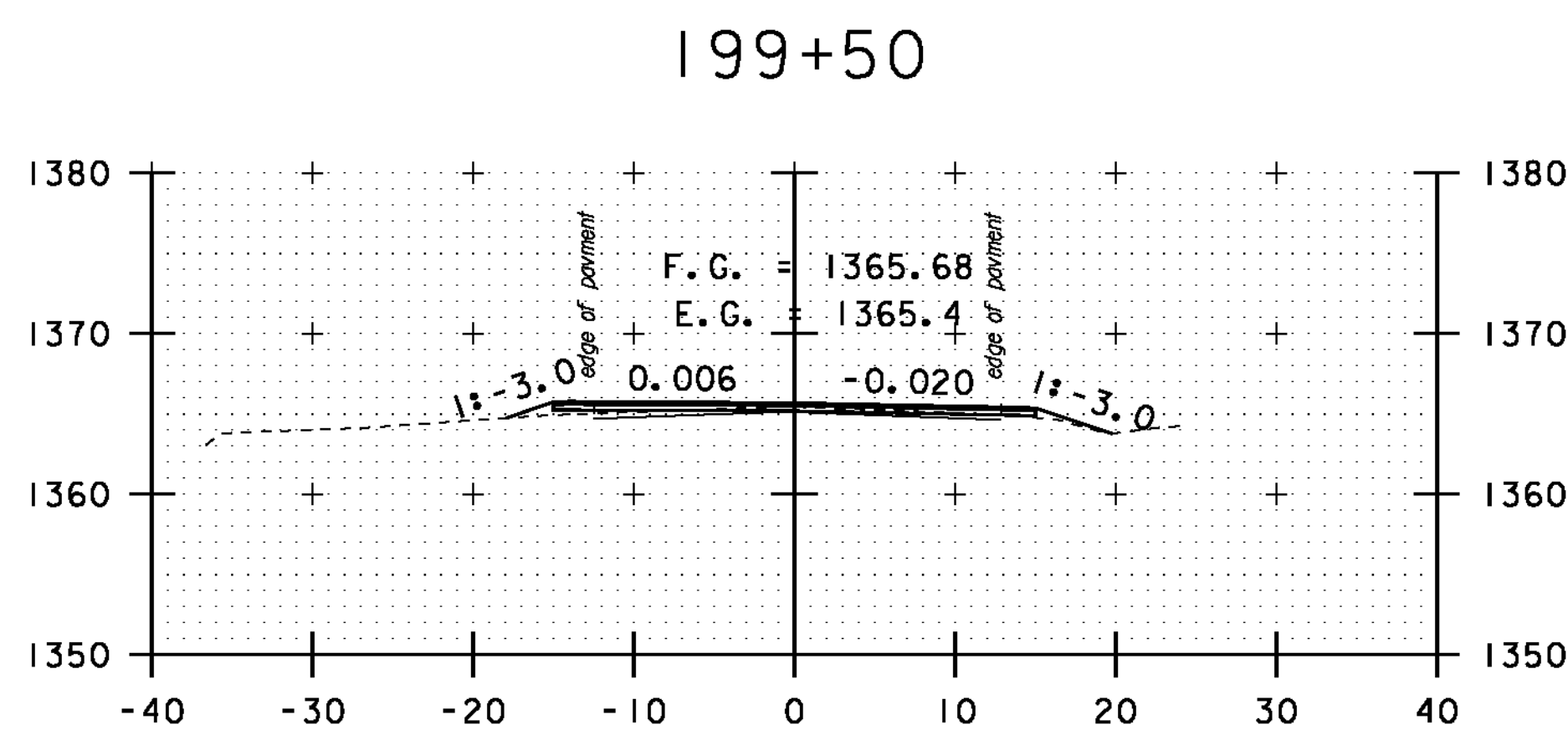
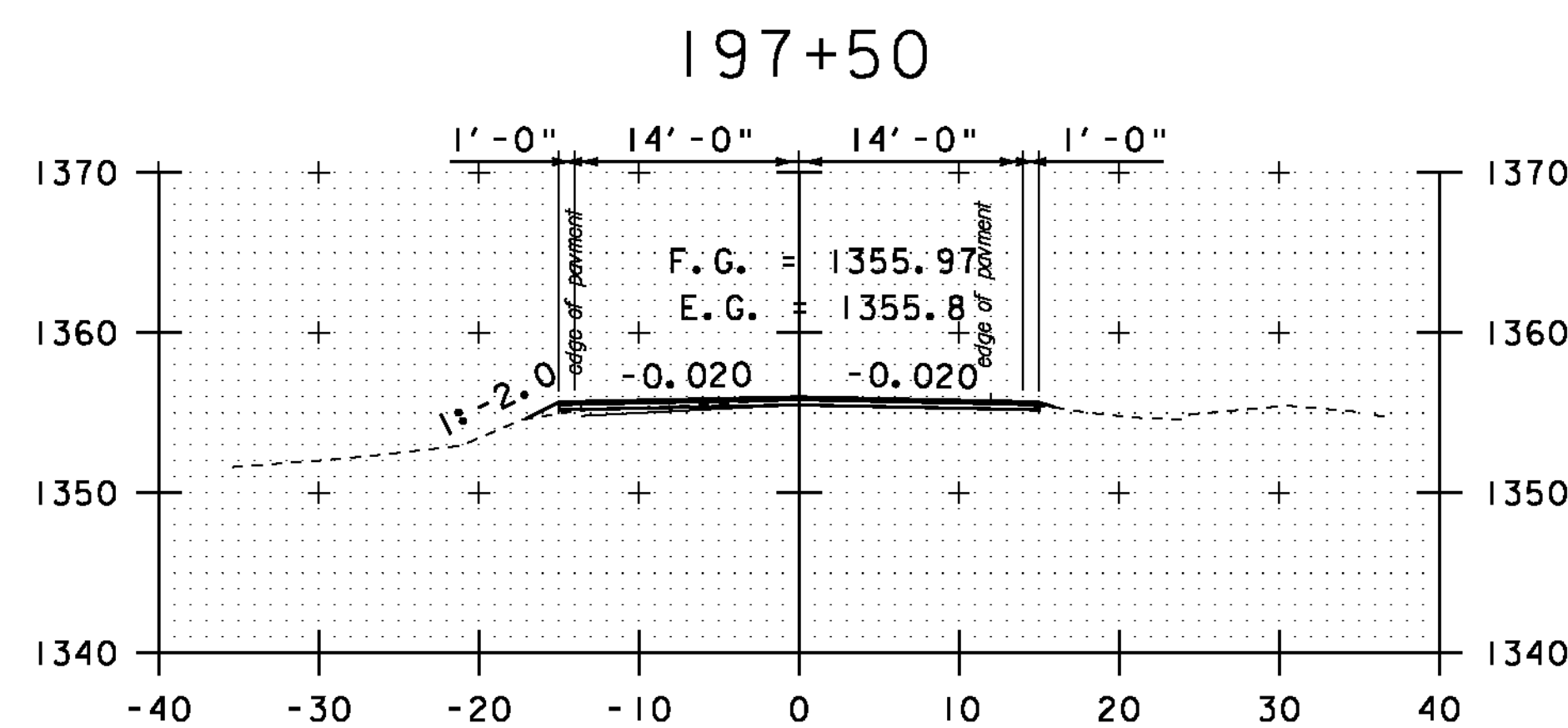
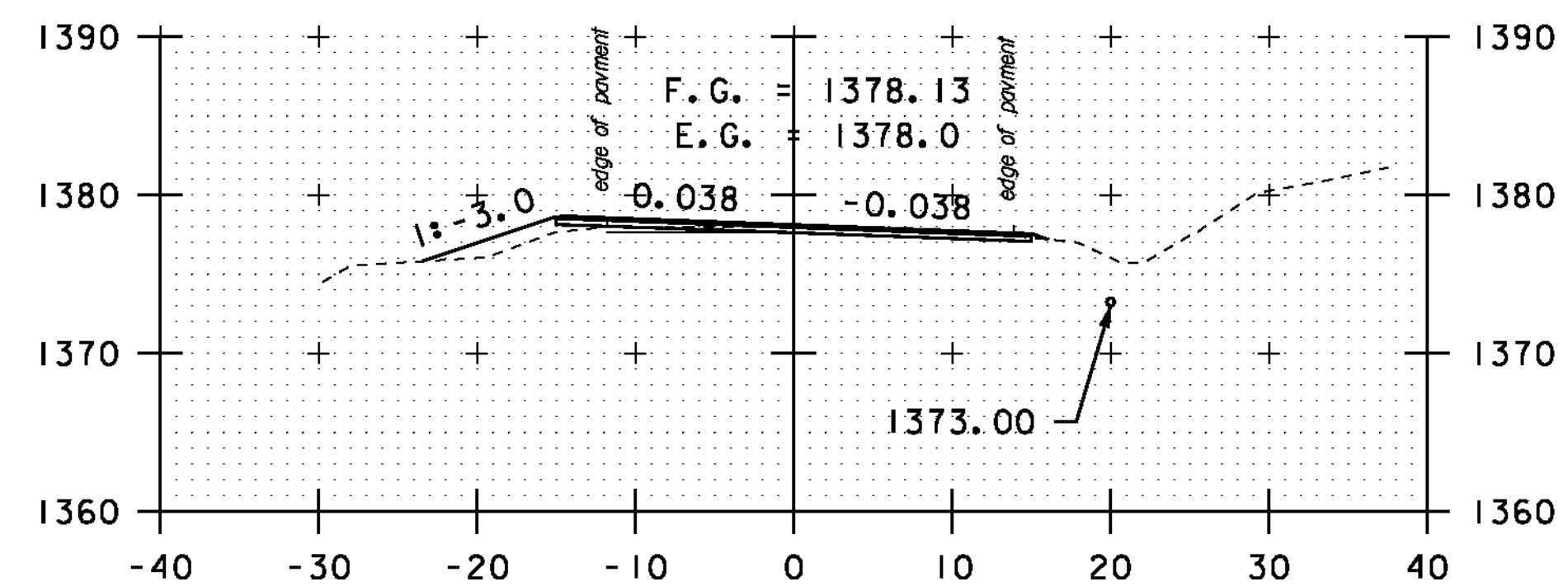
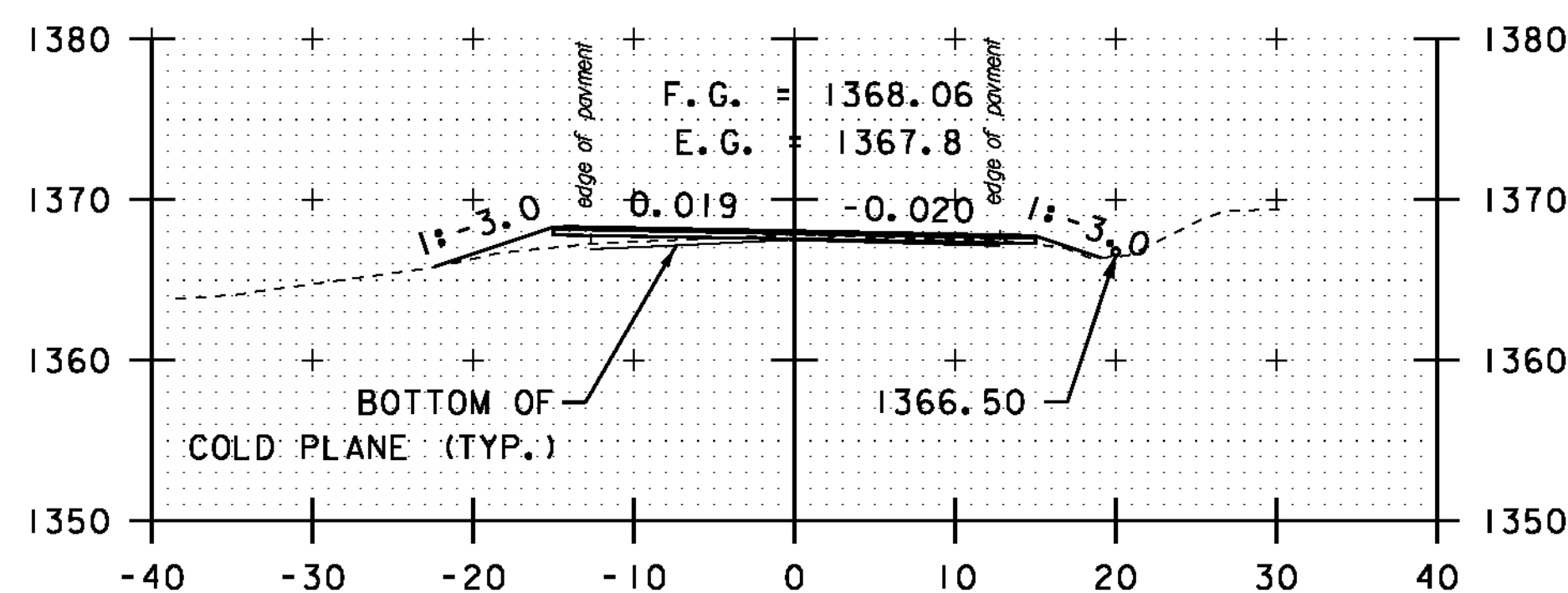
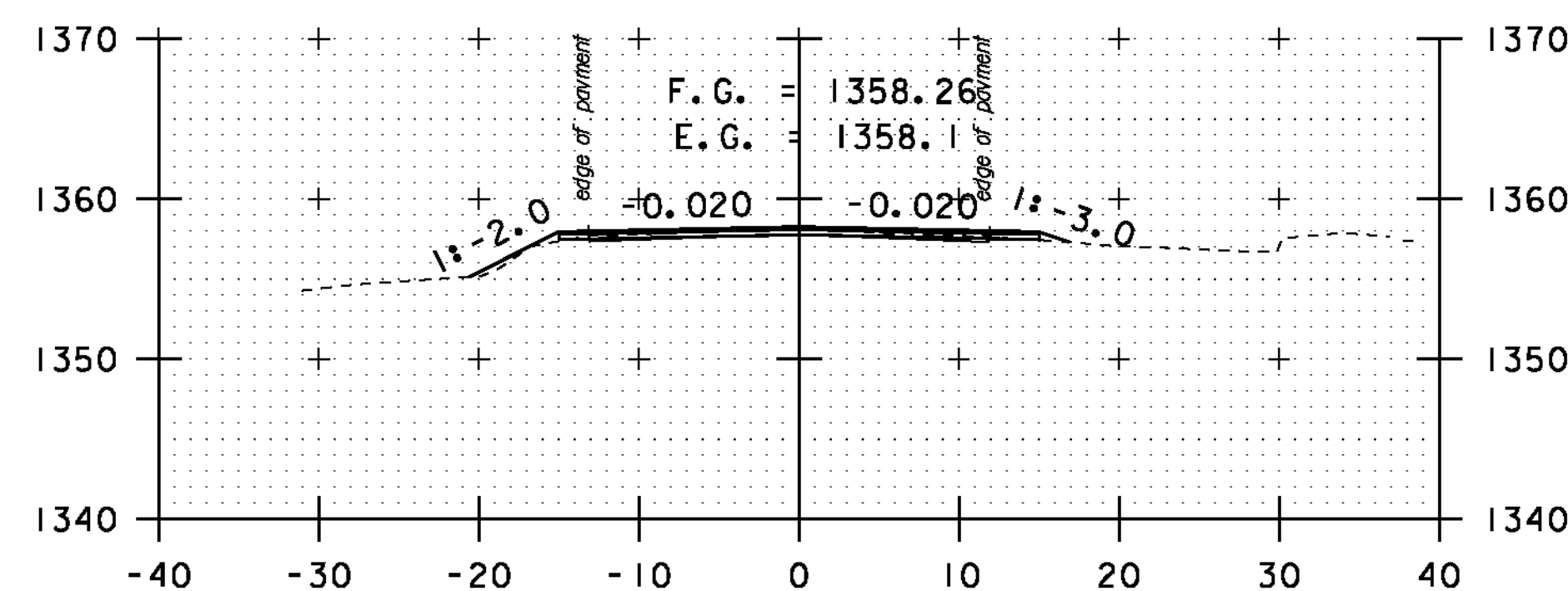
PLOT FILE: p10ci90_150.1

PLOT DATE: 9/5/12

DRAWN BY: SJL

CHECKED BY: CDL

SHEET 150 OF 178



STA. 196+00 TO STA. A 0+50

SCALE 1" = 10'-0"

**CROSS
SECTION
SHEET 37**

PROJECT NAME: MONTGOMERY-WESTFIELD

PROJECT NUMBER: STP 2906(1)

FILE NAME: p10CI90.dgn

PROJECT LEADER: CDL

DESIGNED BY: SJL

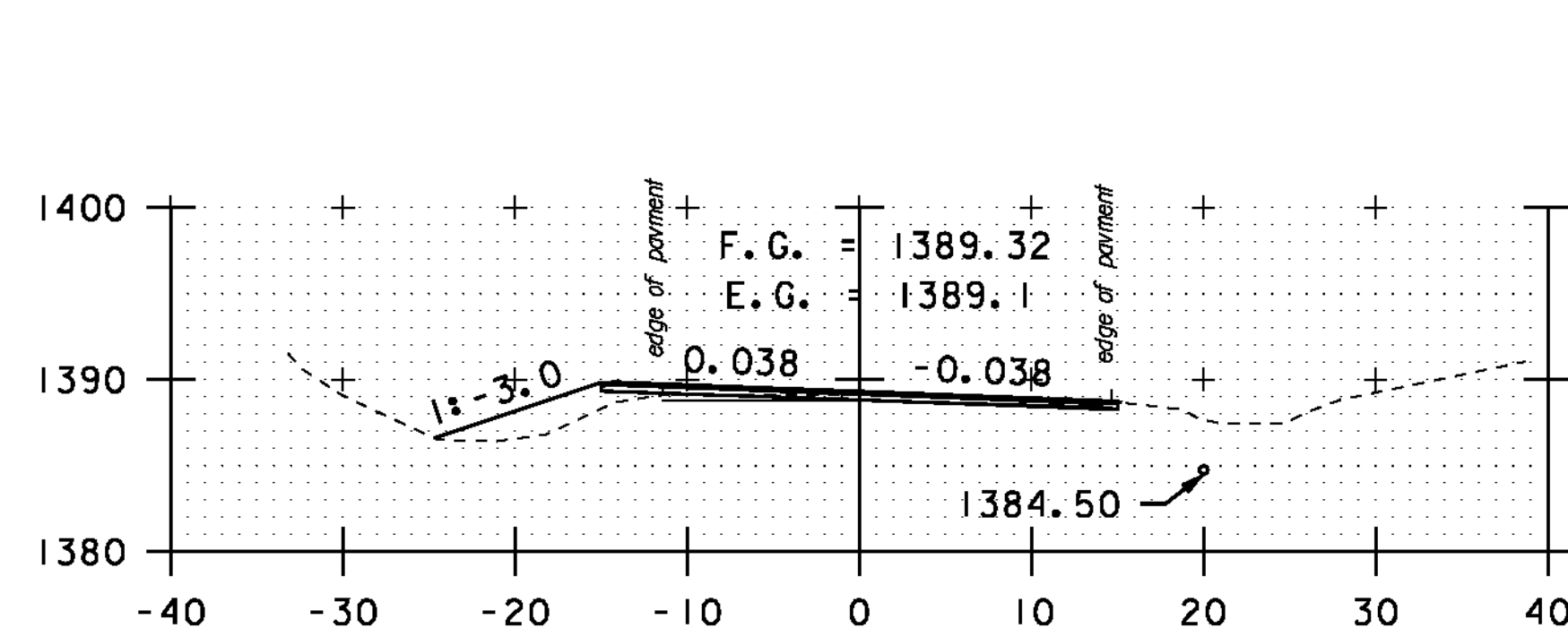
PLOT FILE: p10CI90_151.I

PLOT DATE: 9/5/12

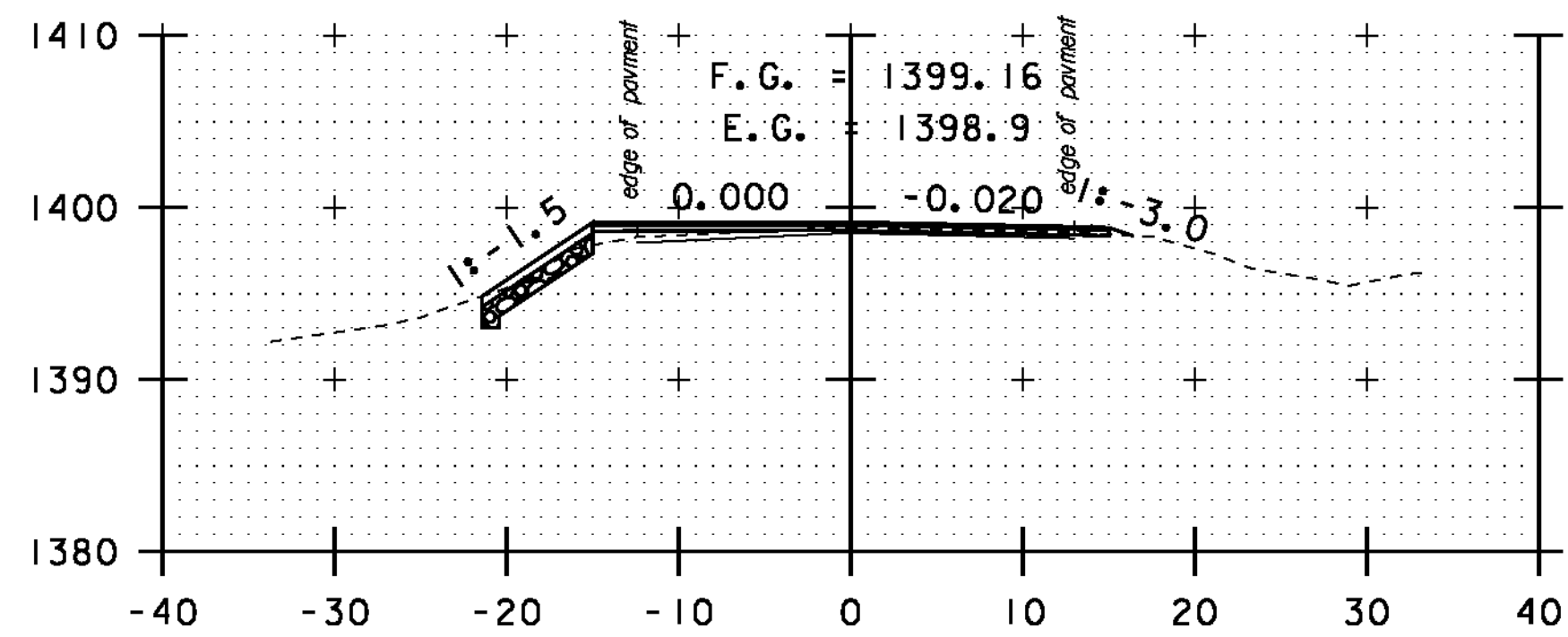
DRAWN BY: SJL

CHECKED BY: CDL

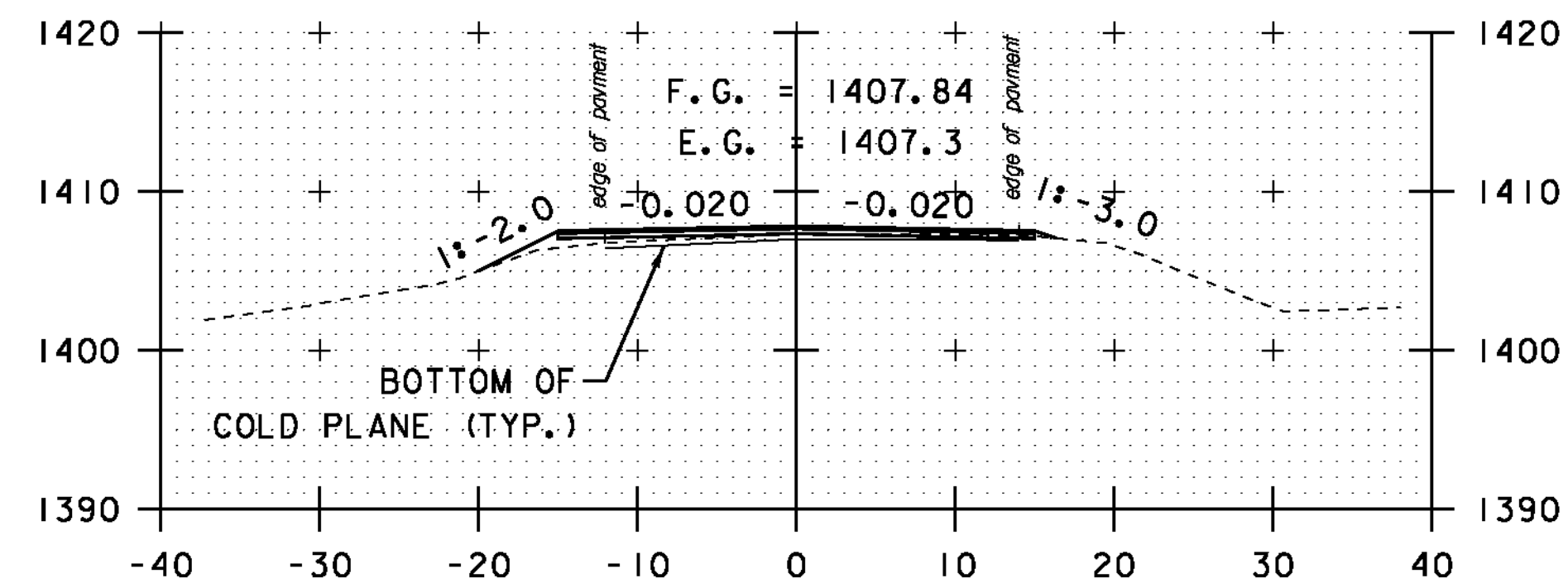
SHEET 151 OF 178



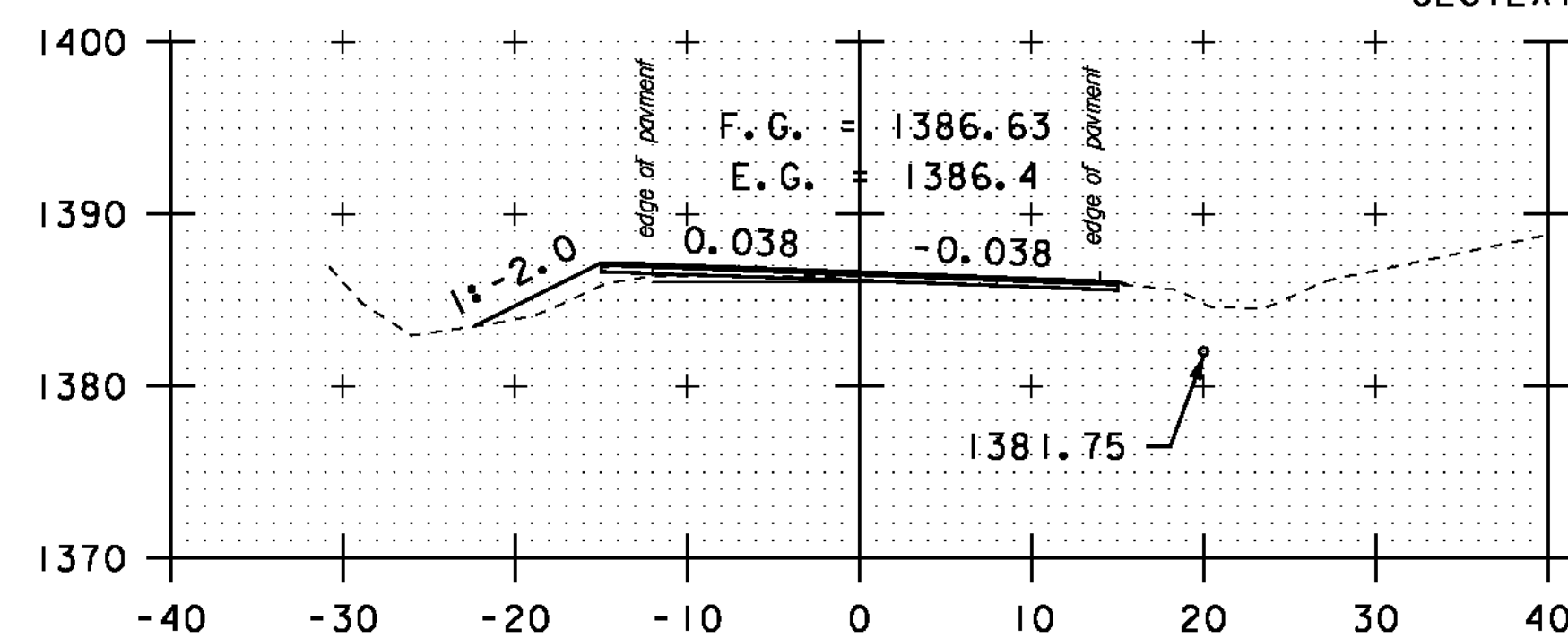
A 2+50



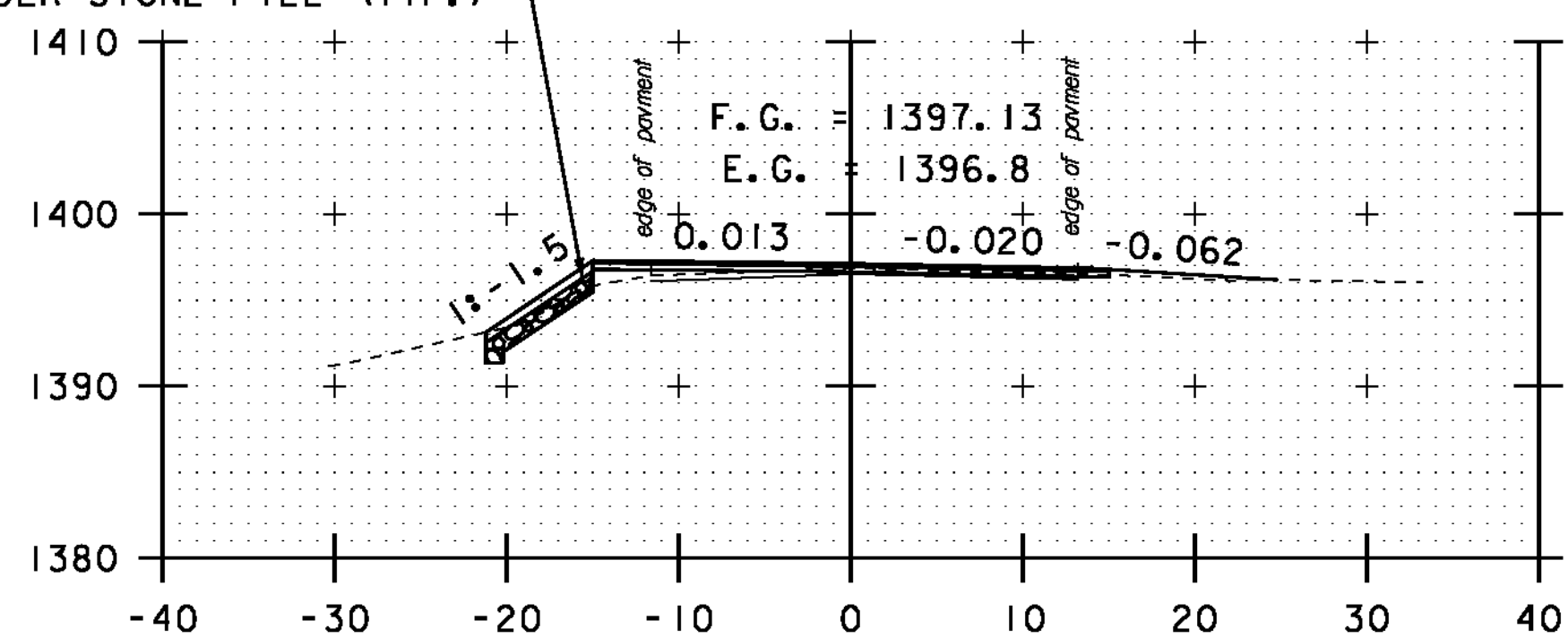
A 4+50



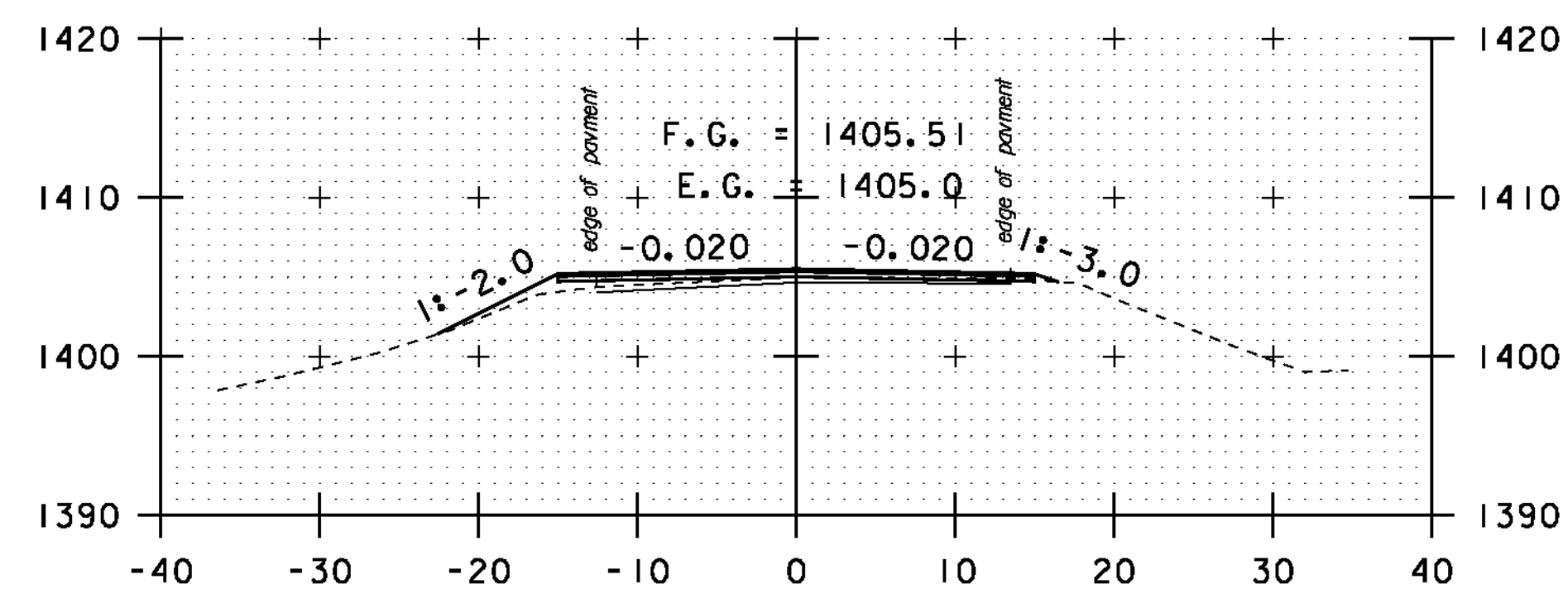
A 6+50



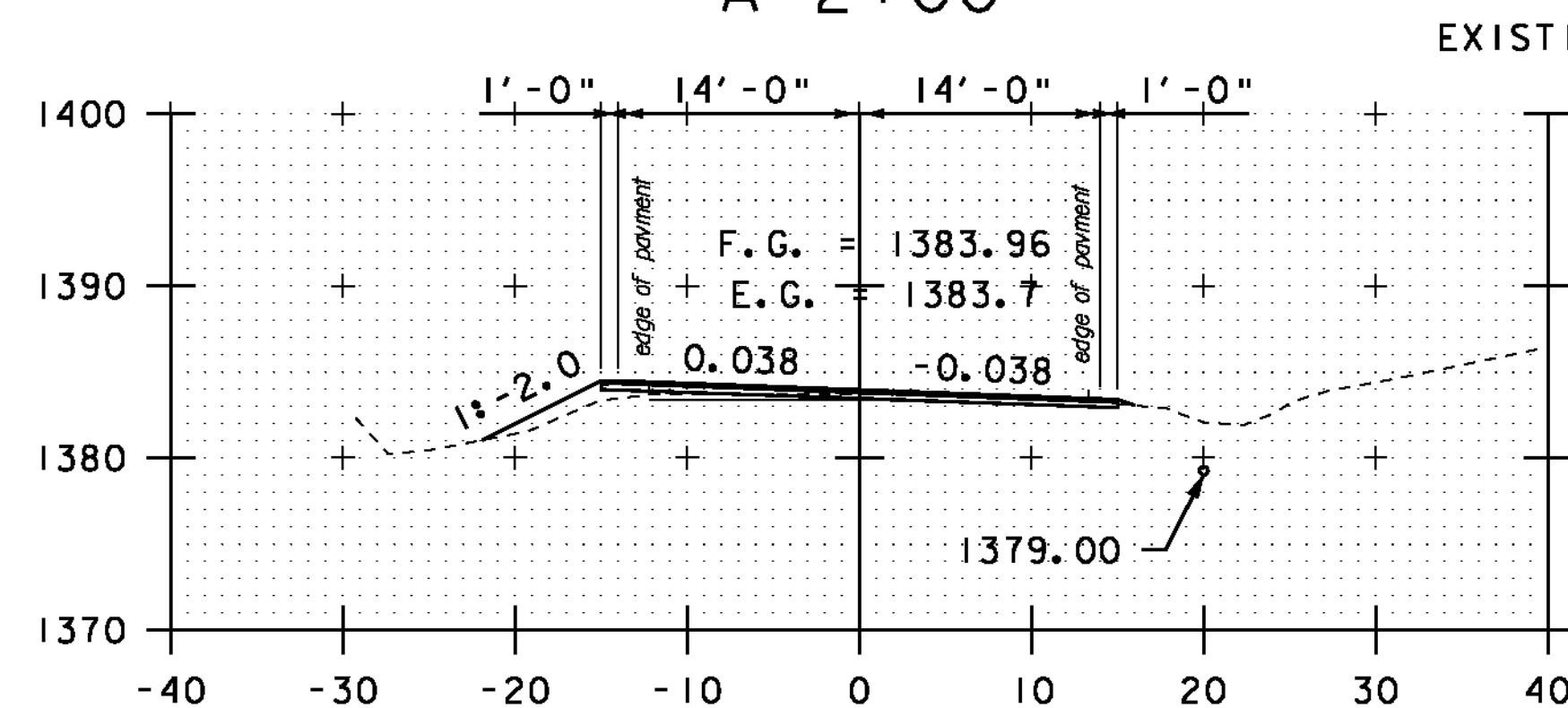
A 2+00



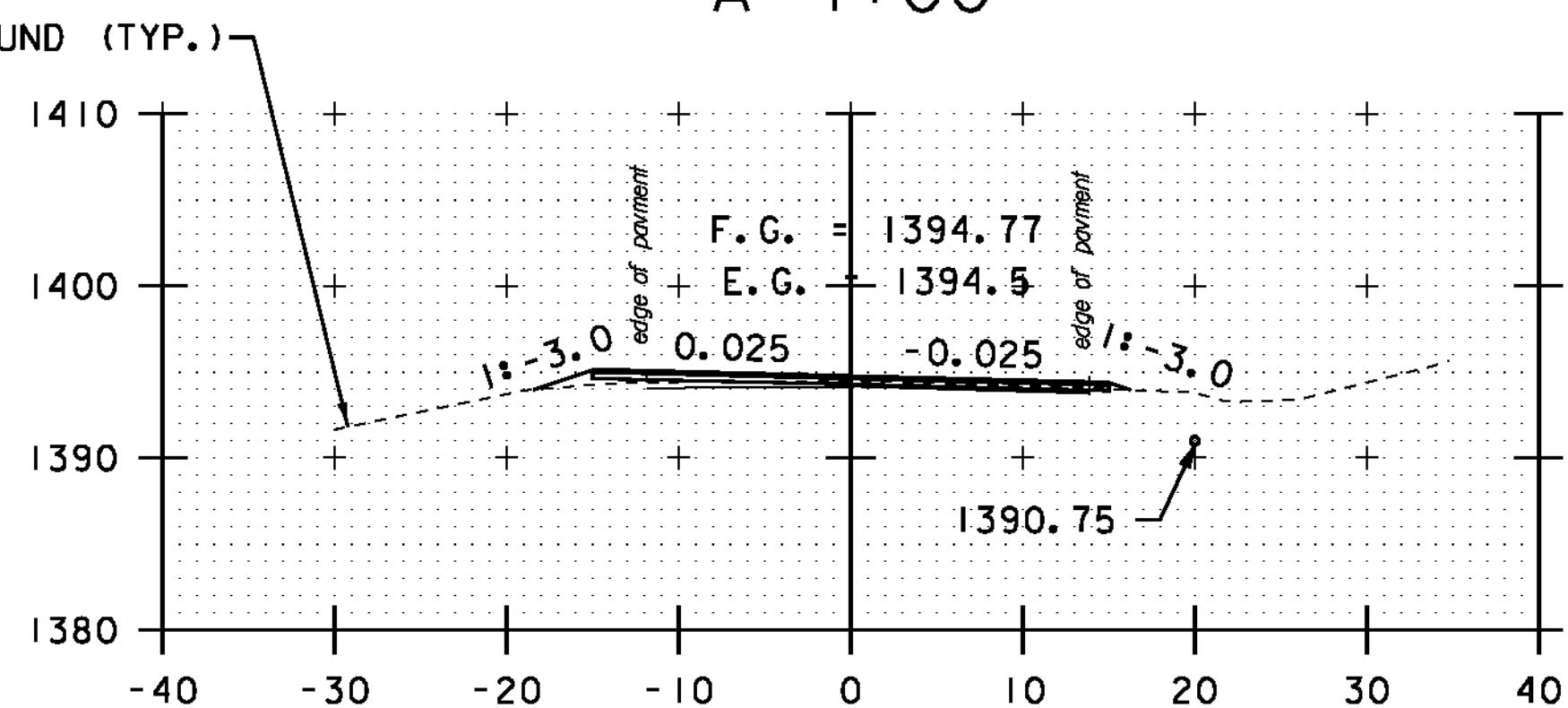
DRIVE RT
A 4+00



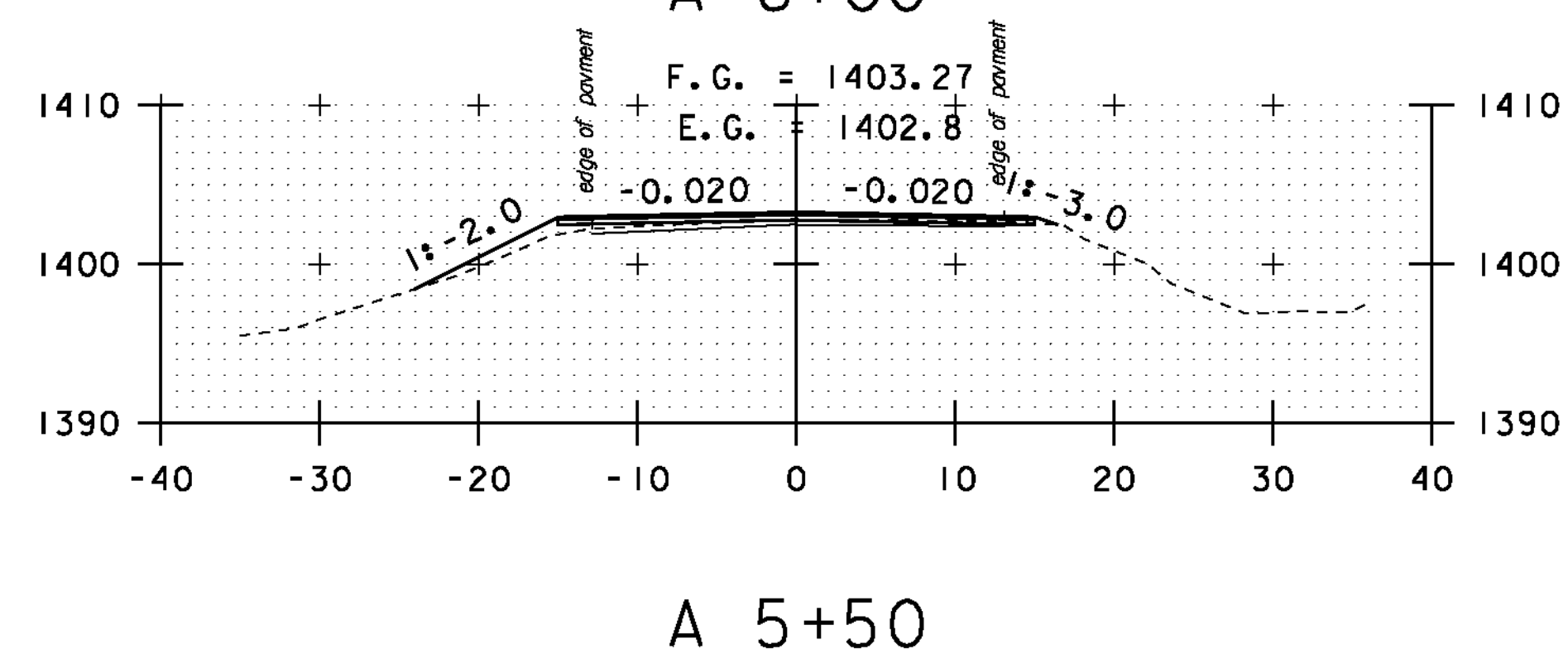
A 6+00



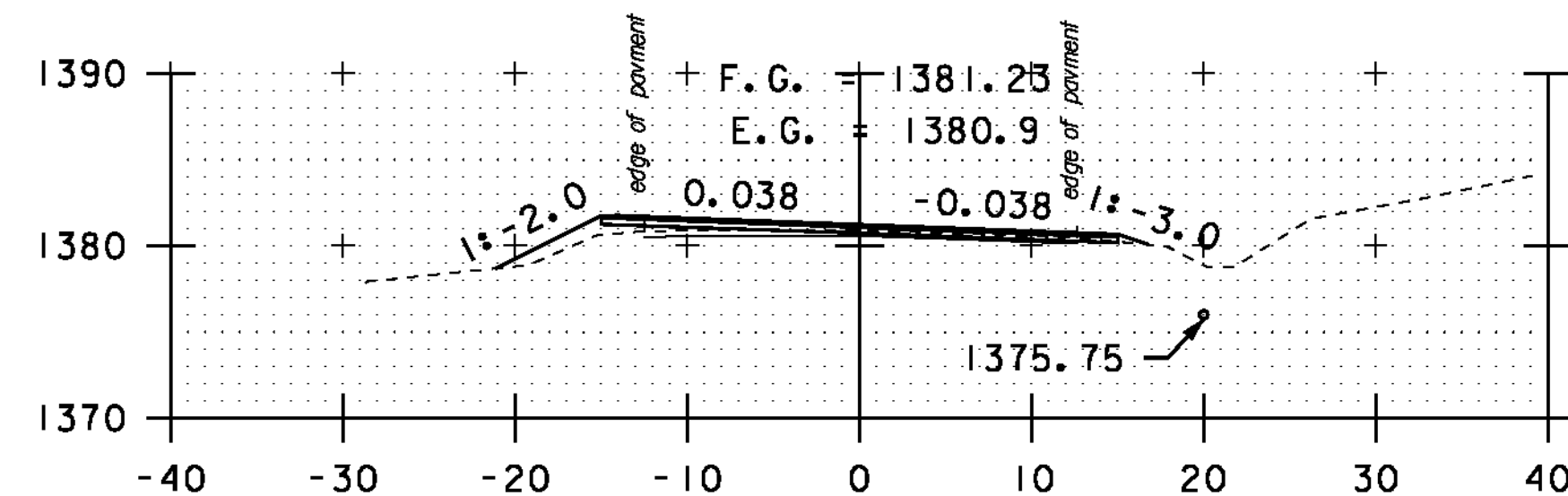
A 1+50



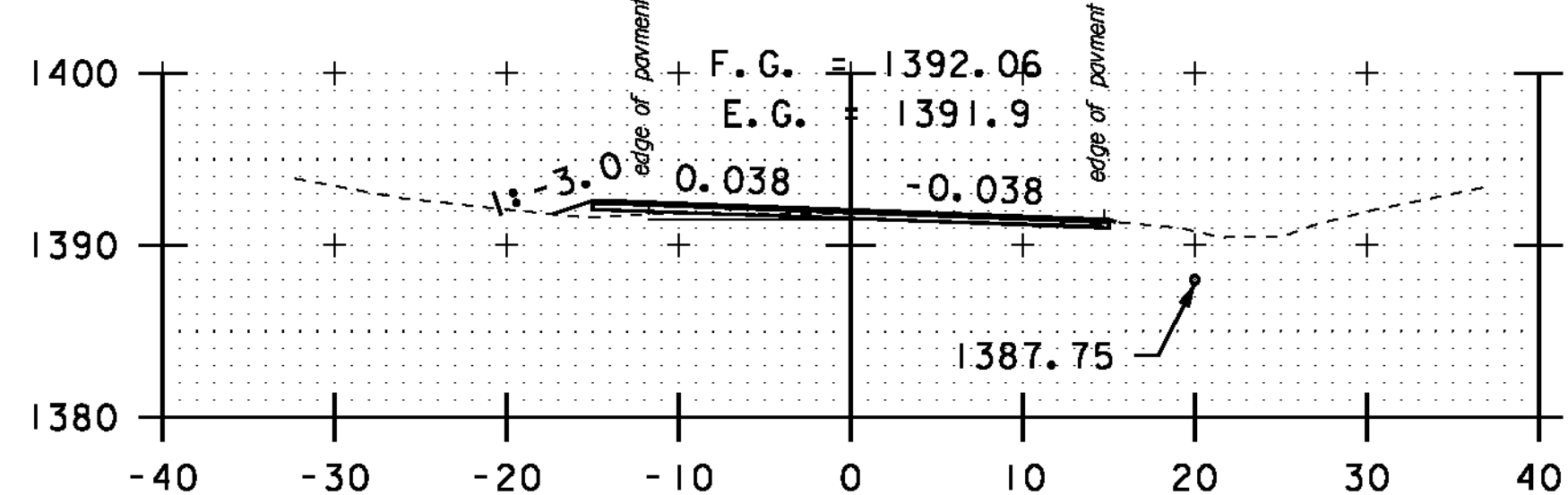
A 3+50



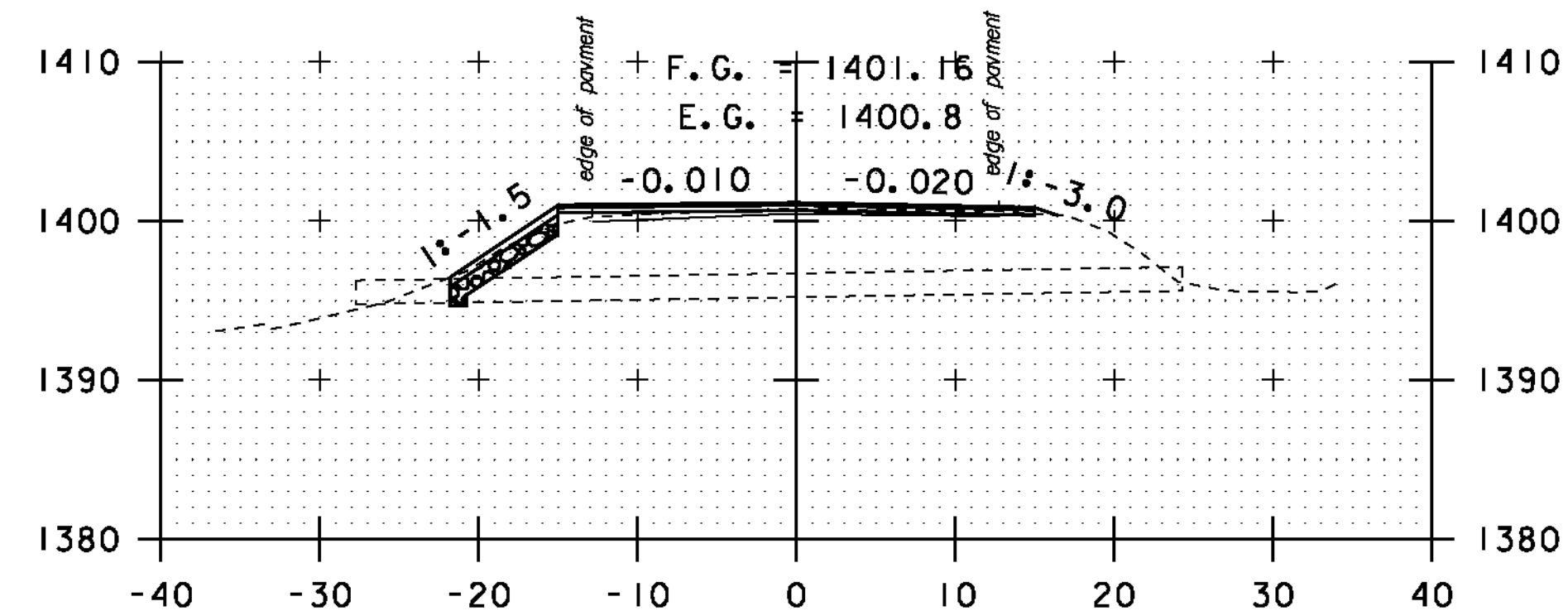
A 5+50



A 1+00



A 3+00



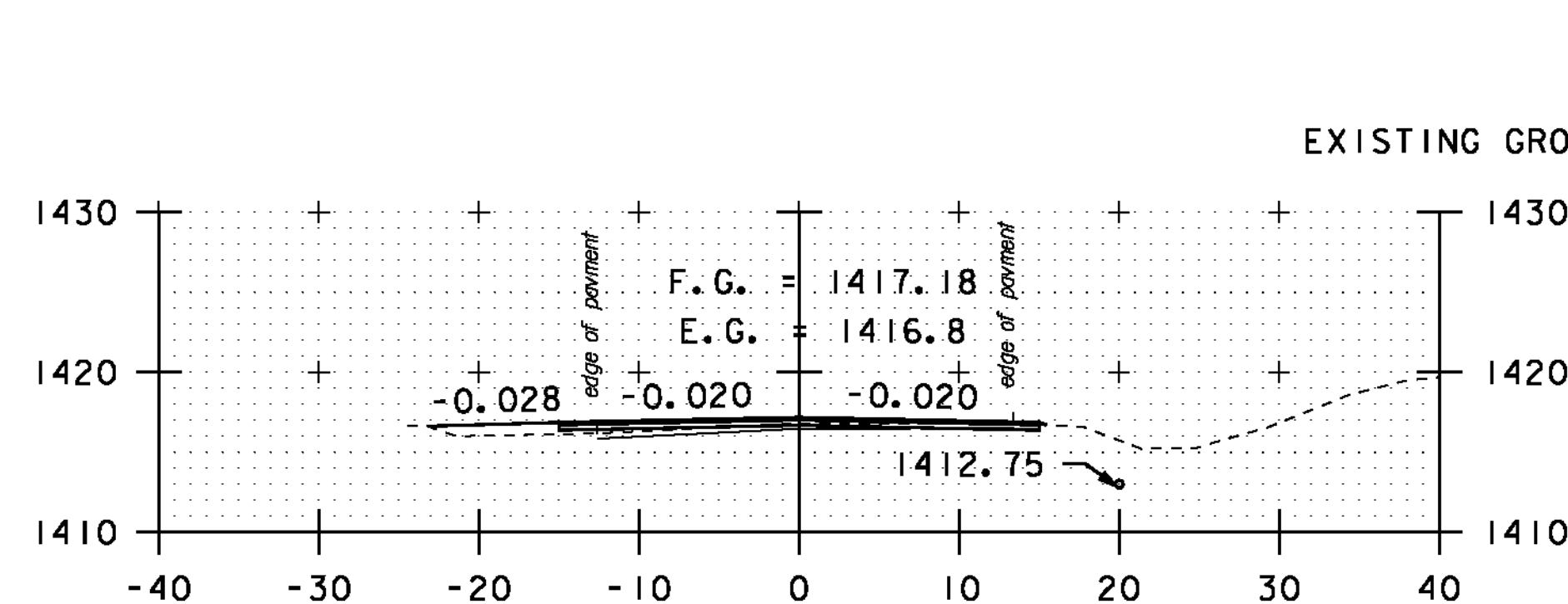
A 5+00

STA. A 1+00 TO STA. A 6+50

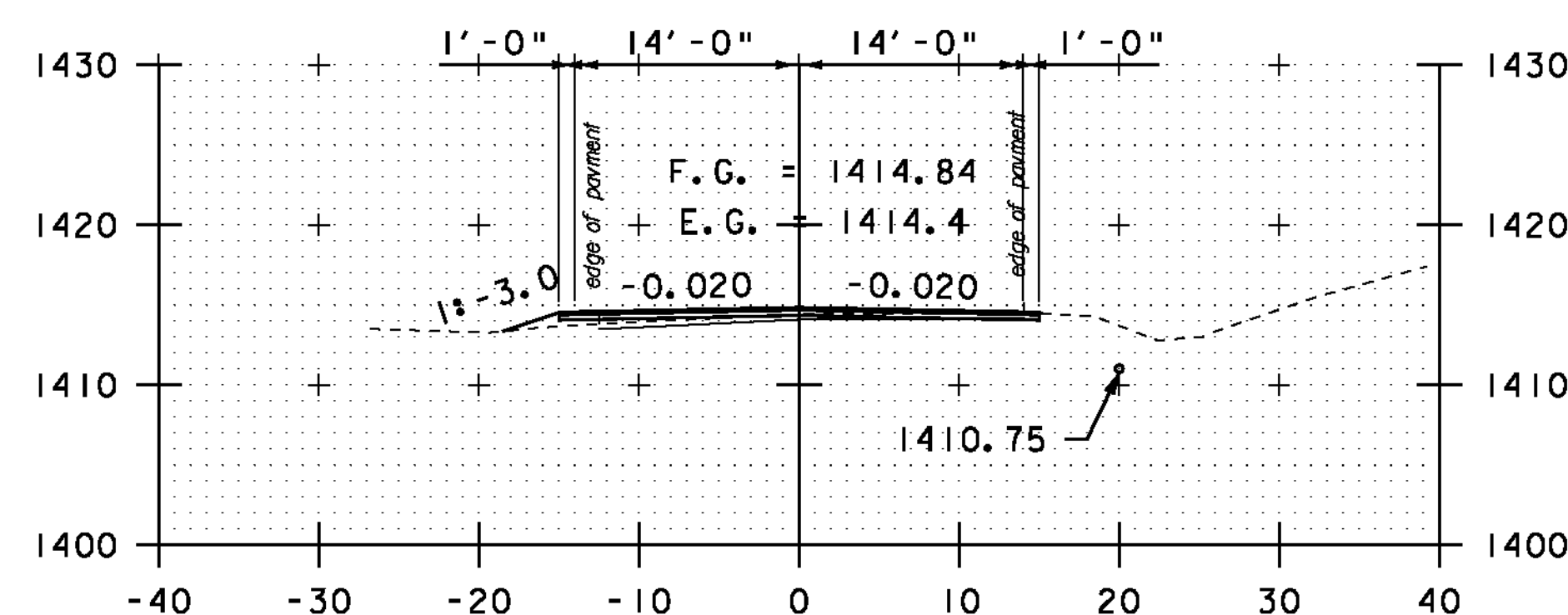
SCALE 1" = 10'-0"

**CROSS
SECTION
SHEET 38**

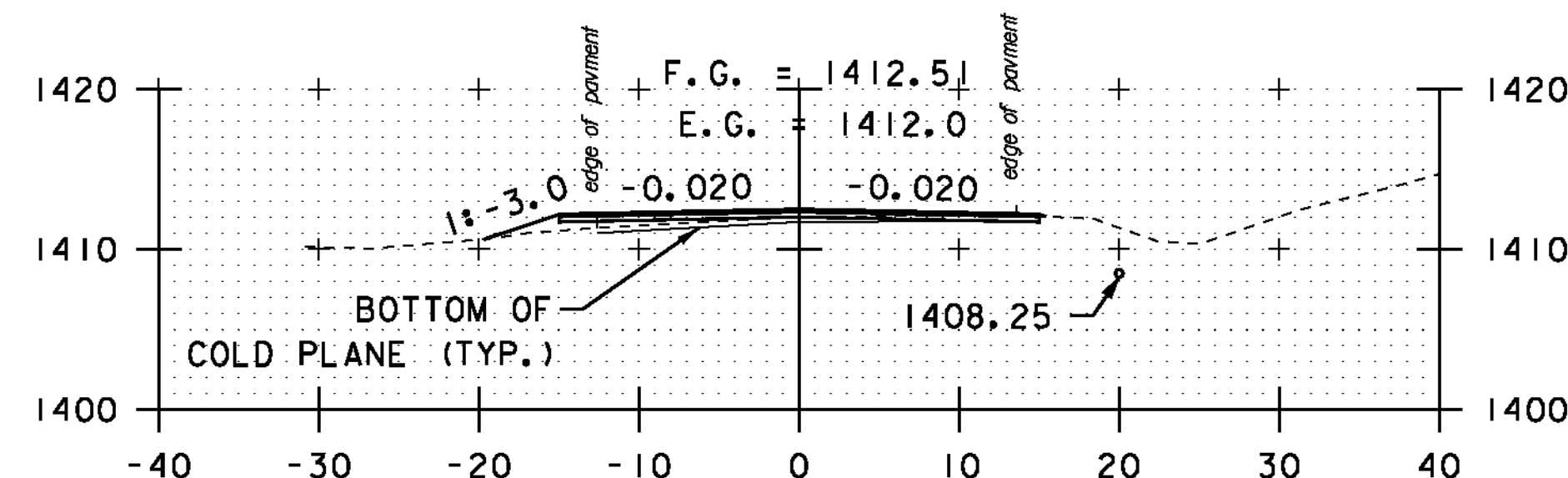
PROJECT NAME: MONTGOMERY-WESTFIELD
 PROJECT NUMBER: STP 2906(1)
 FILE NAME: p10C190.dgn
 PROJECT LEADER: CDL
 DESIGNED BY: SJL
 PLOT FILE: p10C190_152.1
 PLOT DATE: 9/5/12
 DRAWN BY: SJL
 CHECKED BY: CDL
 SHEET 152 OF 178



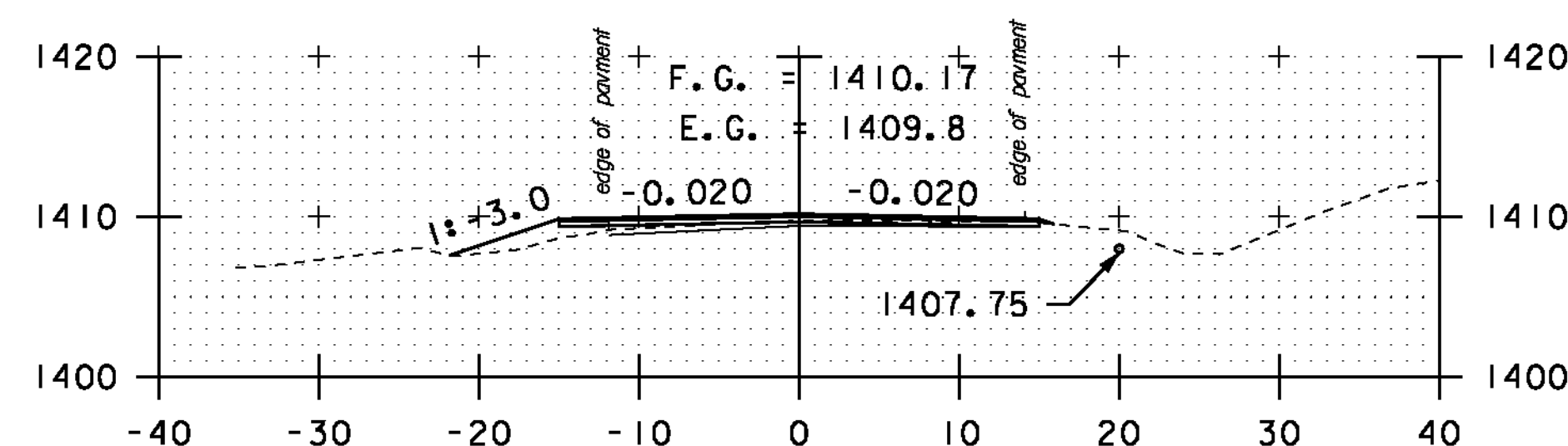
DRIVE LT
A 8+50



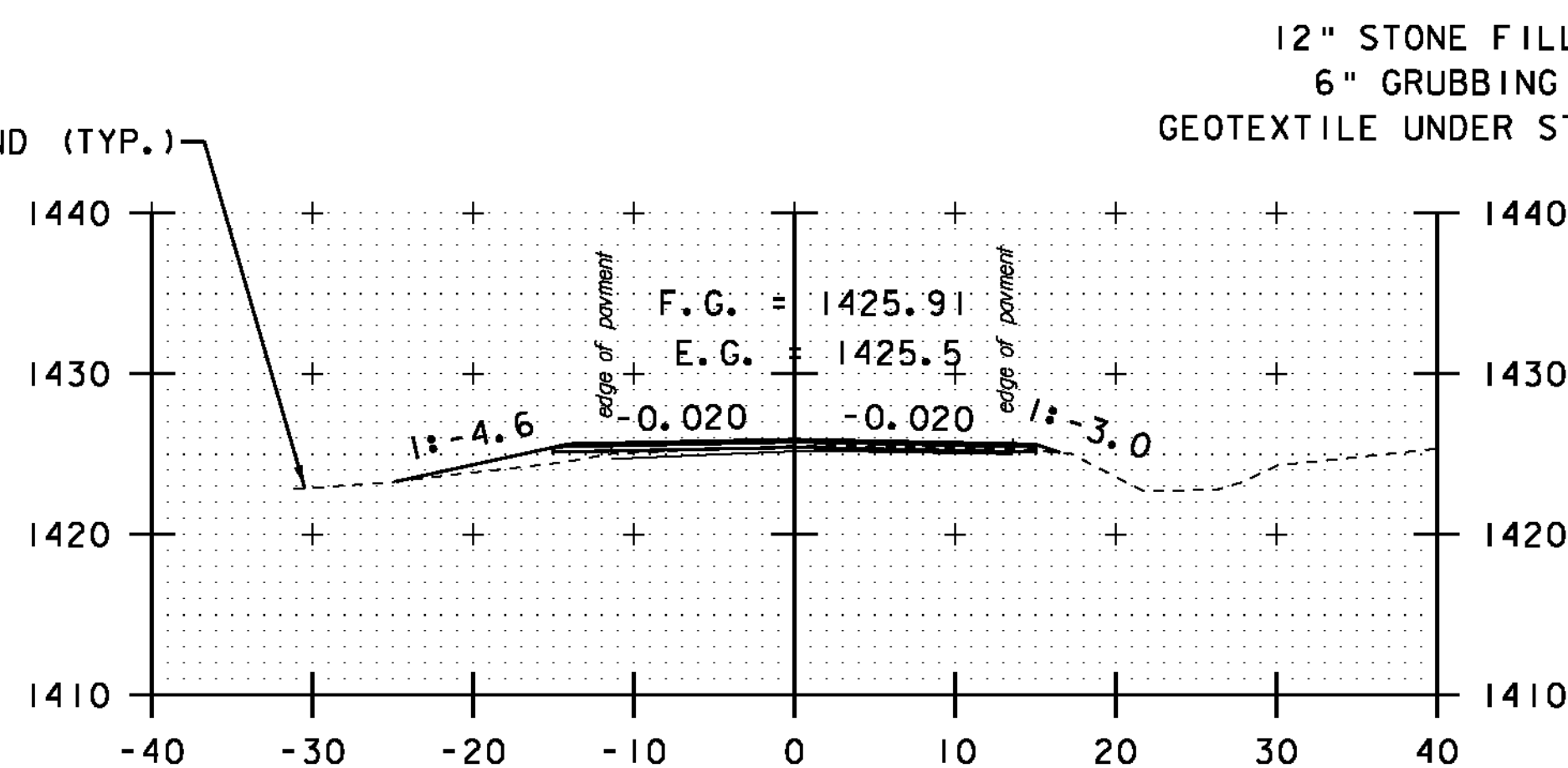
A 8+00



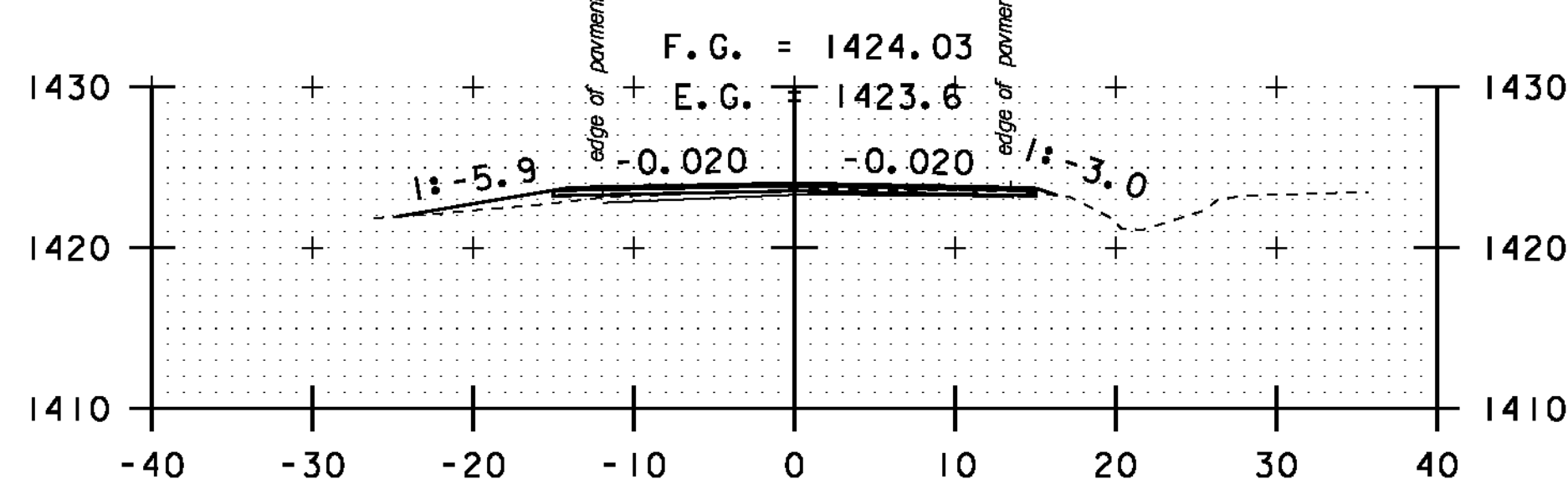
A 7+50



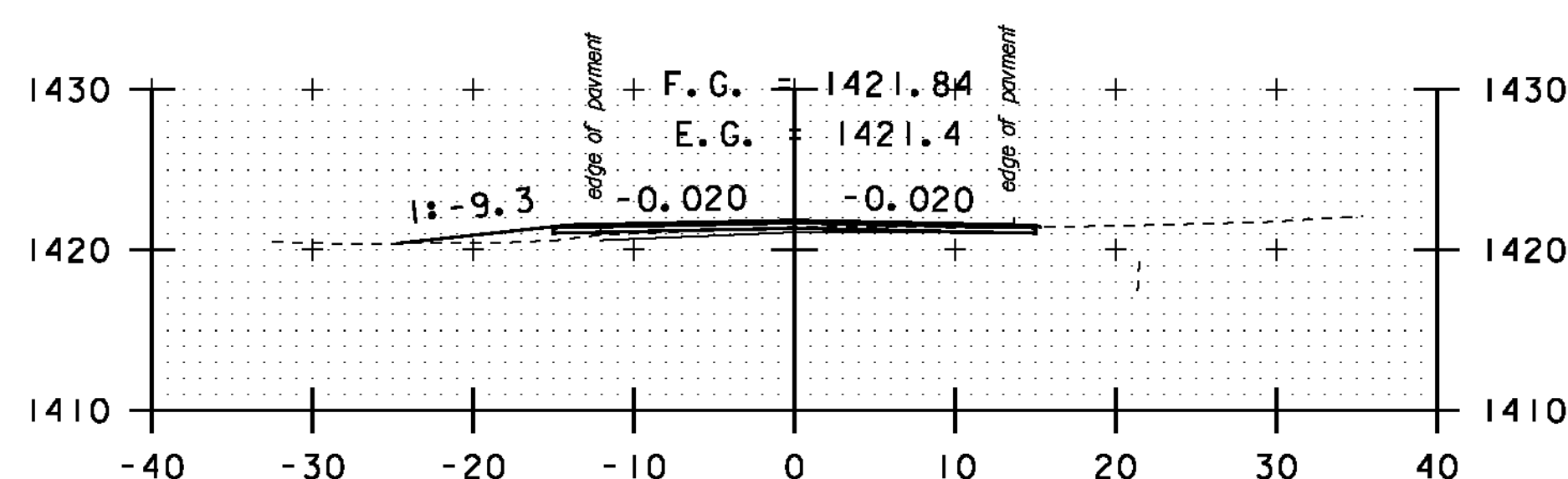
A 7+00



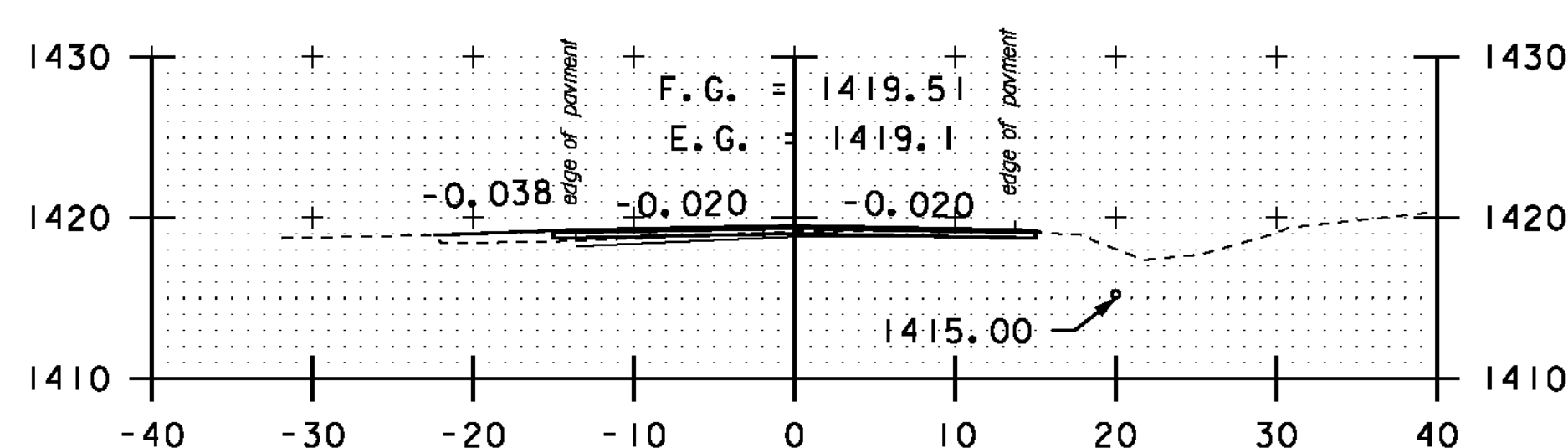
DRIVE LT
A 10+50



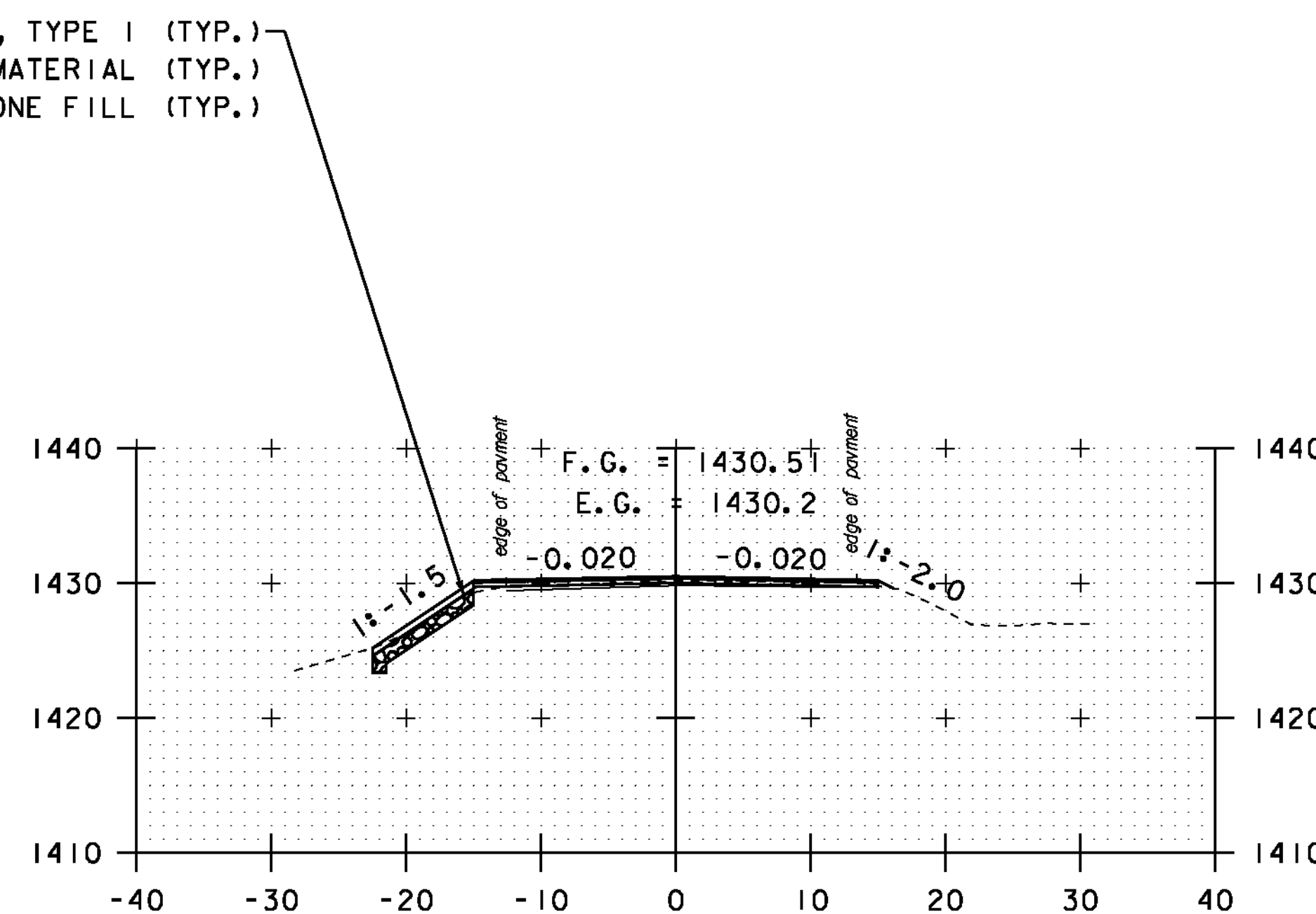
DRIVE LT
A 10+00



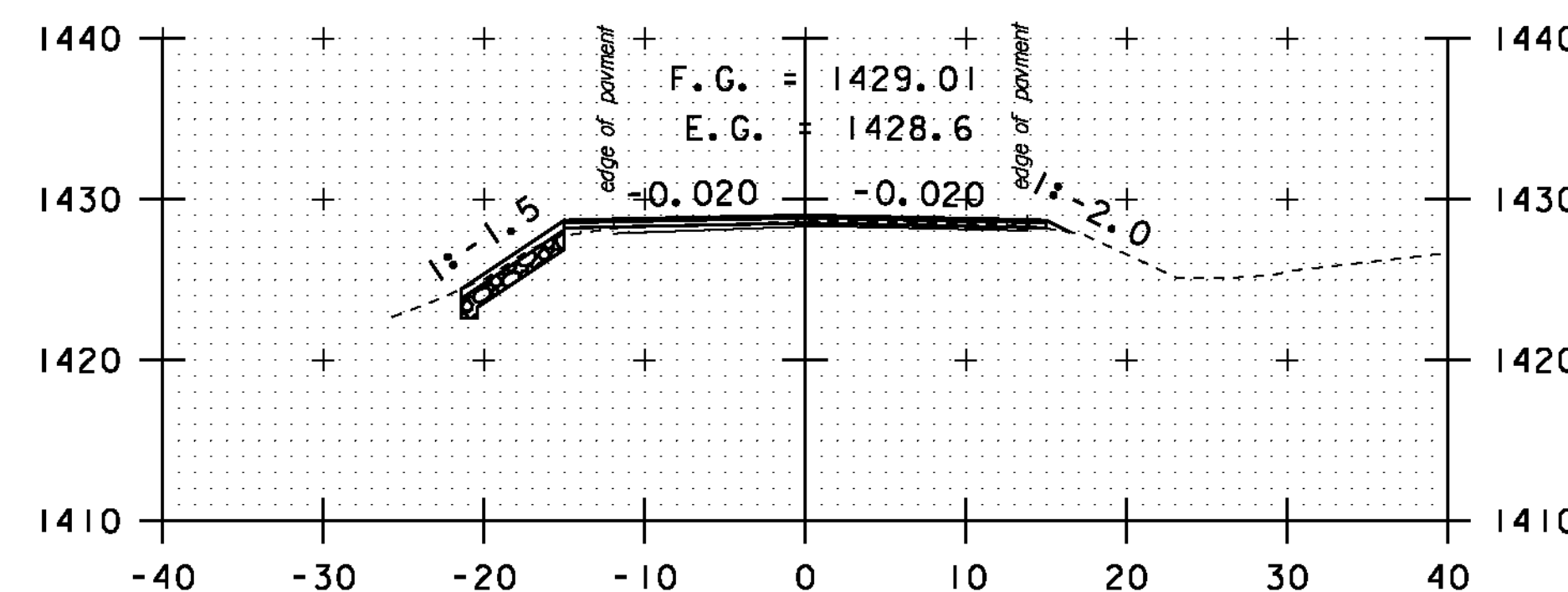
DRIVE LT
A 9+50



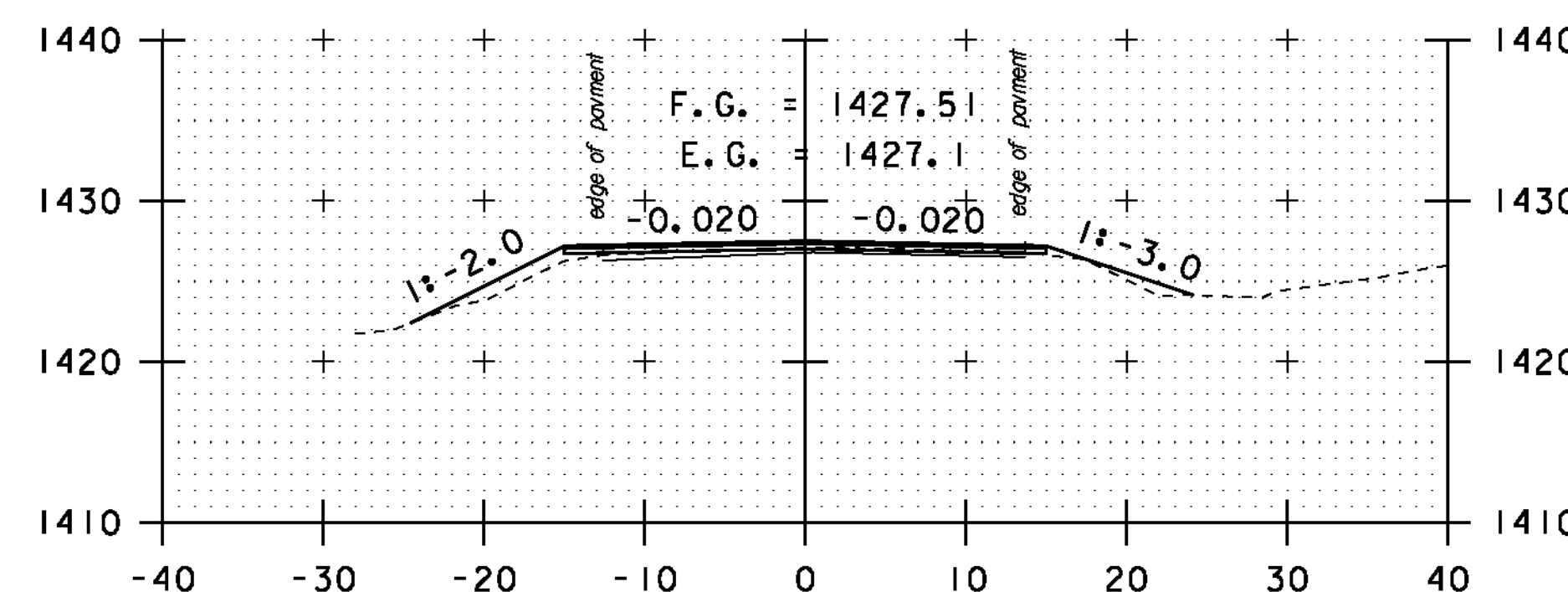
DRIVE LT
A 9+00



A 12+00



A 11+50



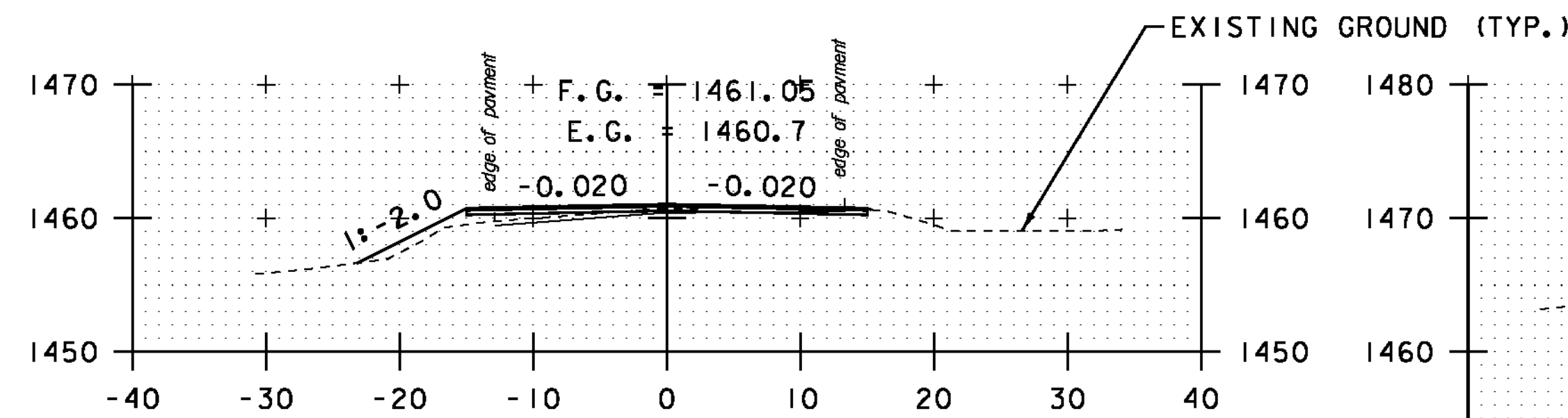
A 11+00

STA. A 7+00 TO STA. A 12+00

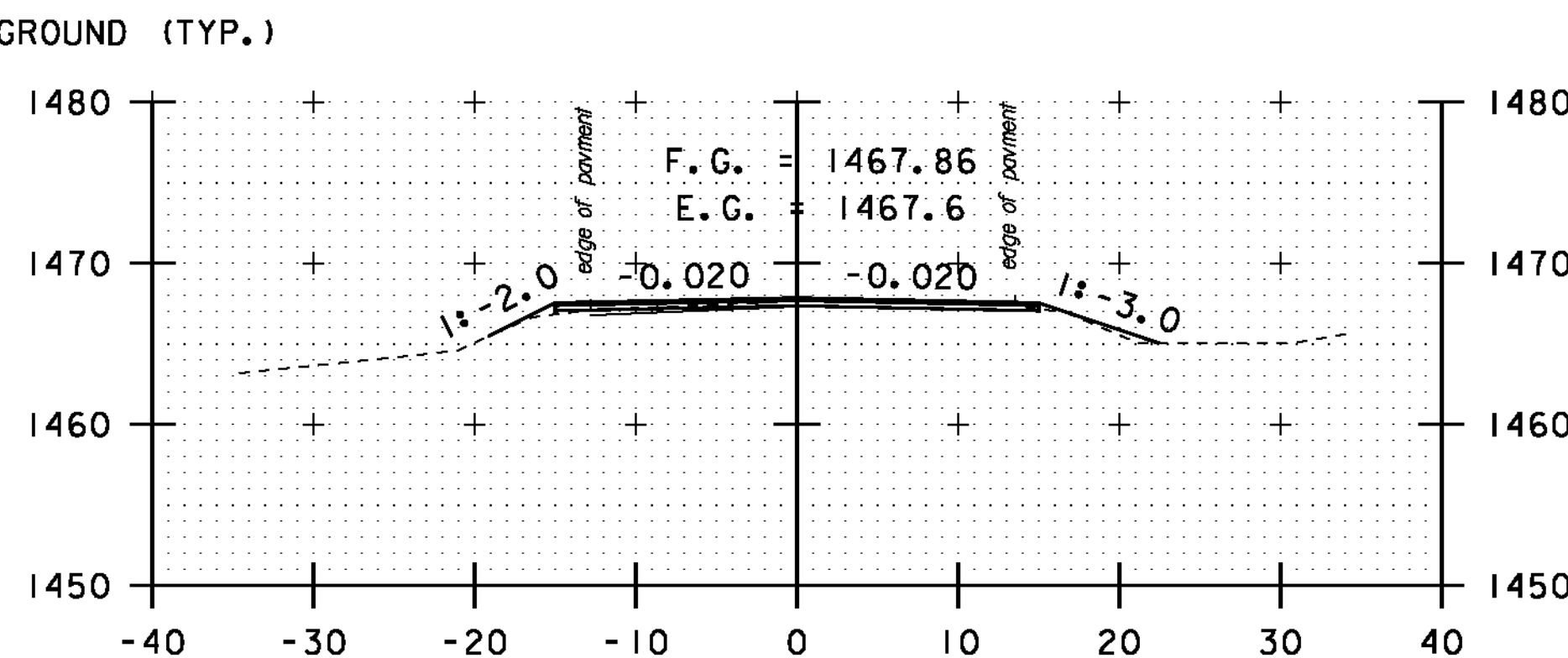
SCALE 1" = 10'-0"

**CROSS
SECTION
SHEET 39**

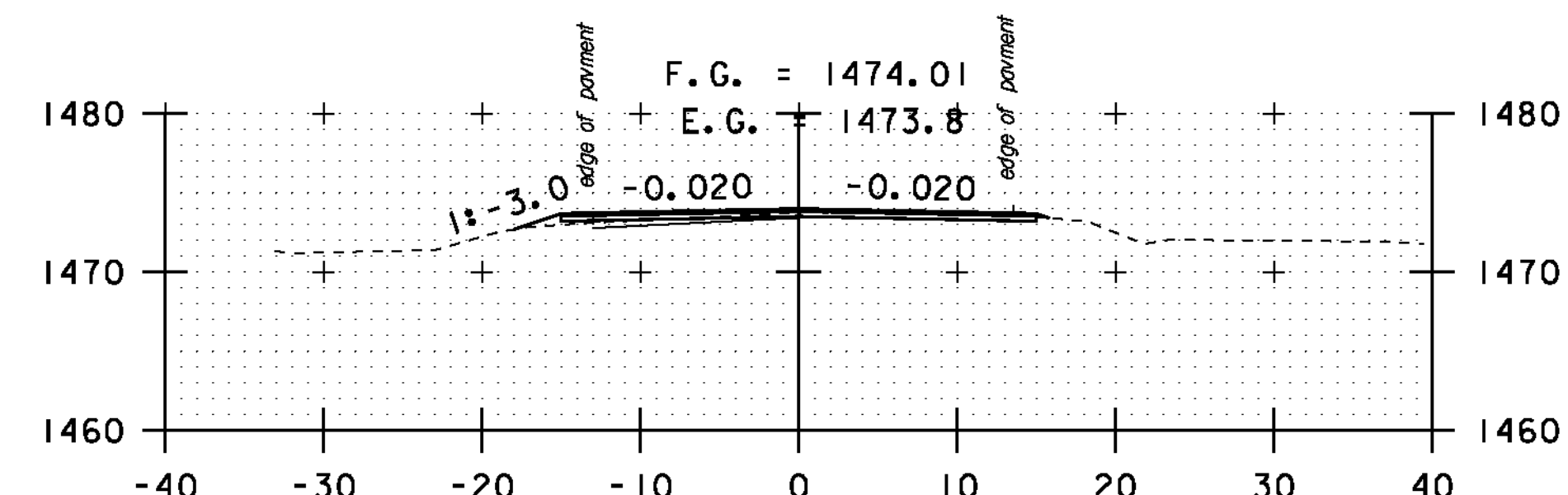
PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(I)
FILE NAME: p10CI90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10CI90_I53.I
PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: CDL
SHEET 153 OF 178



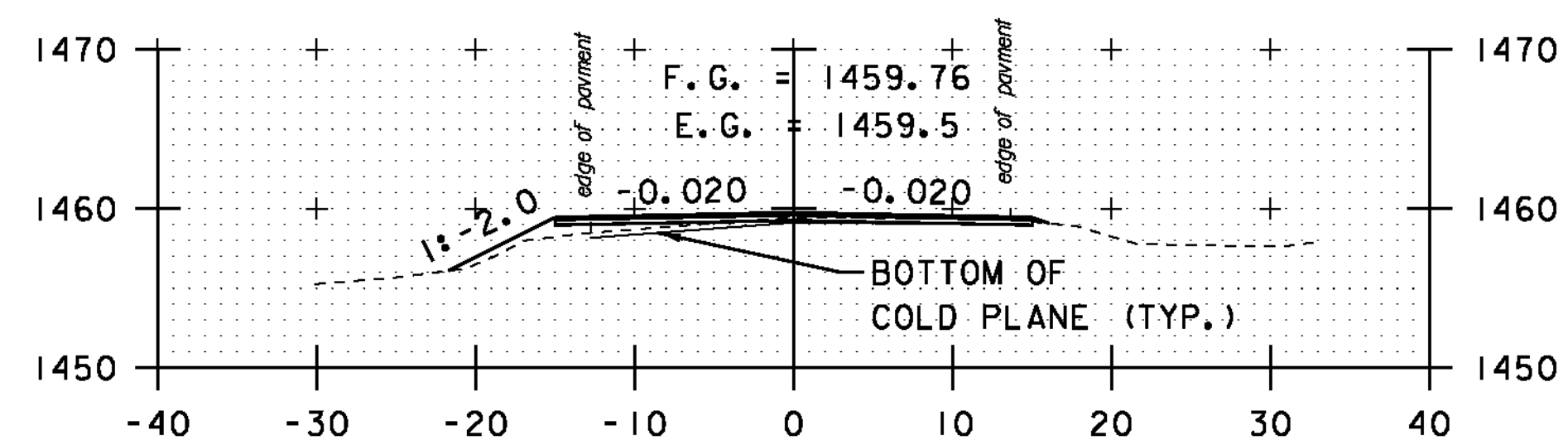
A 19+50



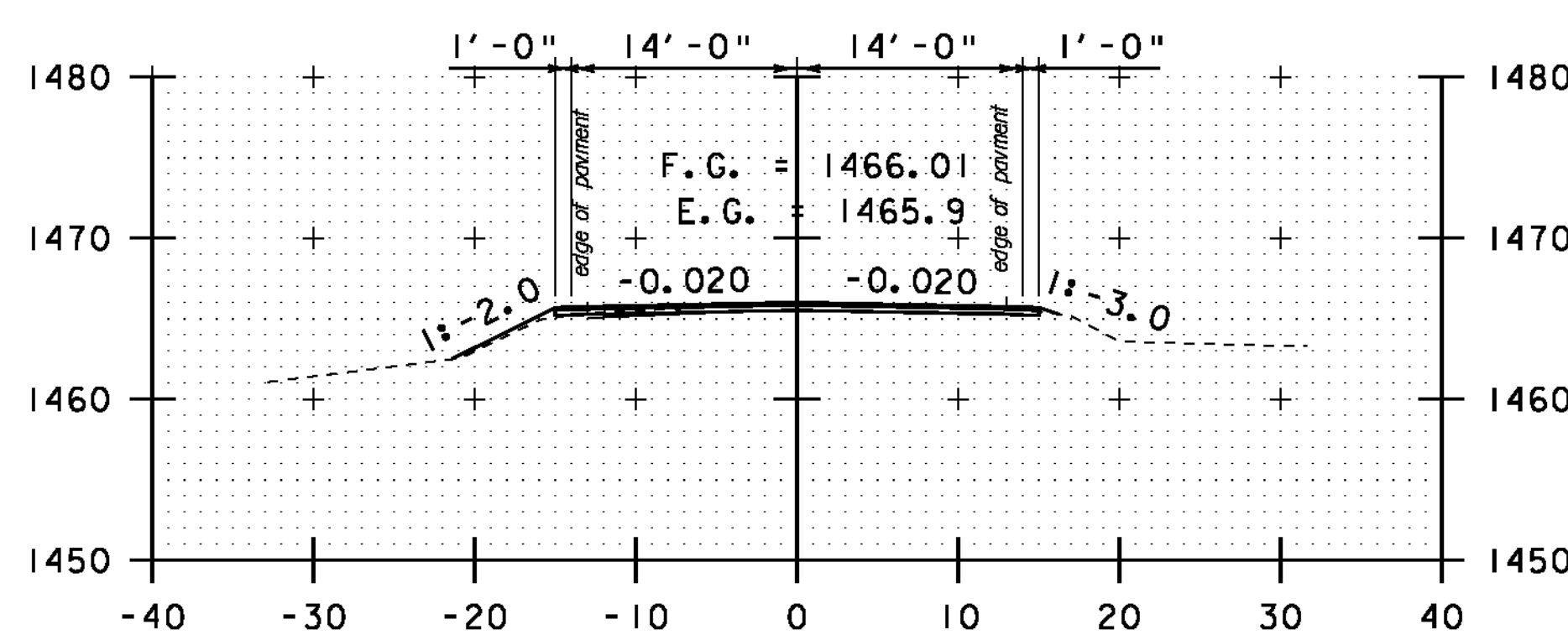
A 21+50



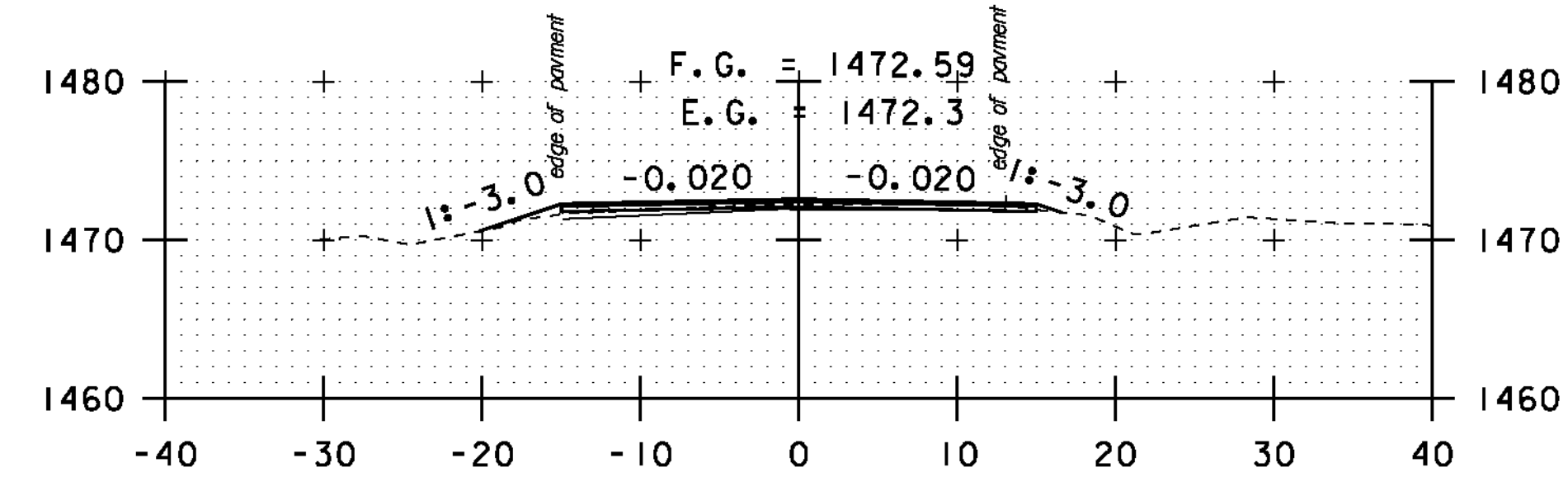
A 23+50



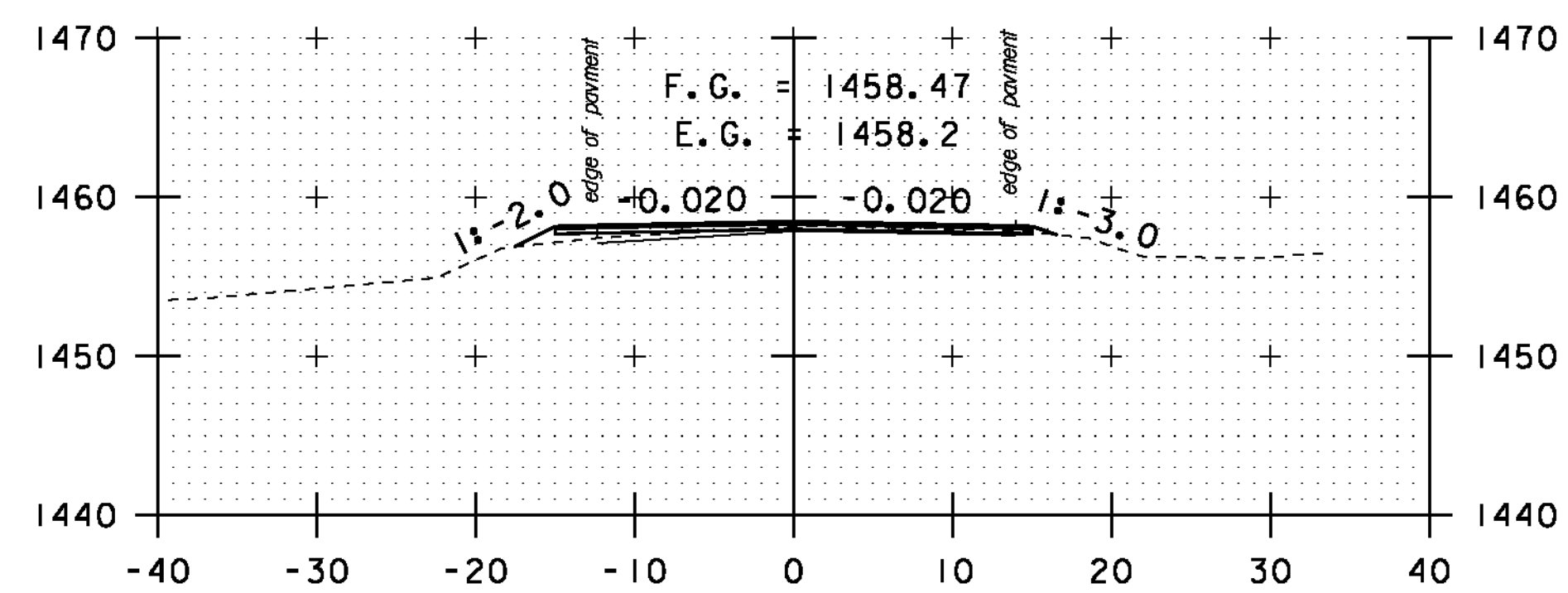
A 19+00



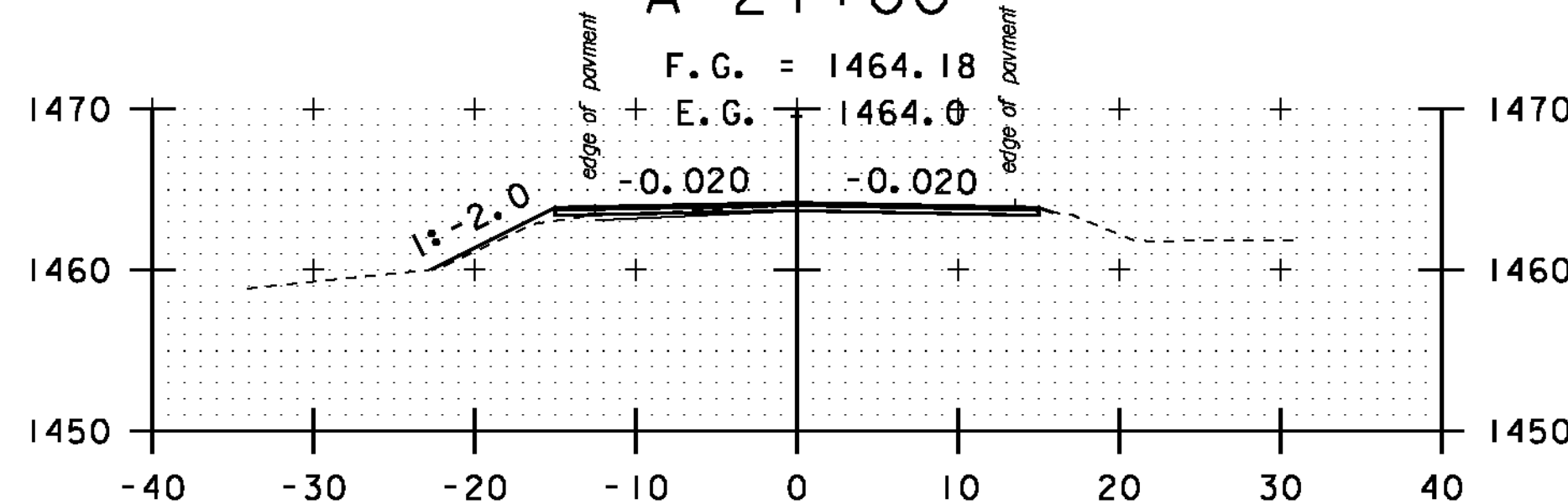
A 21+00



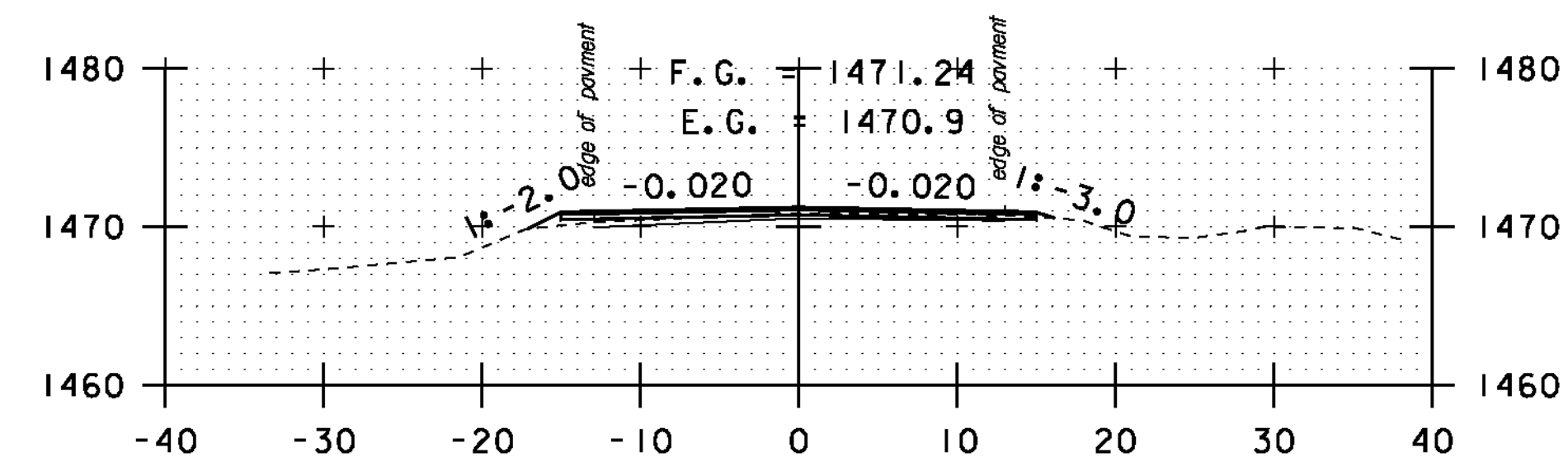
A 23+00



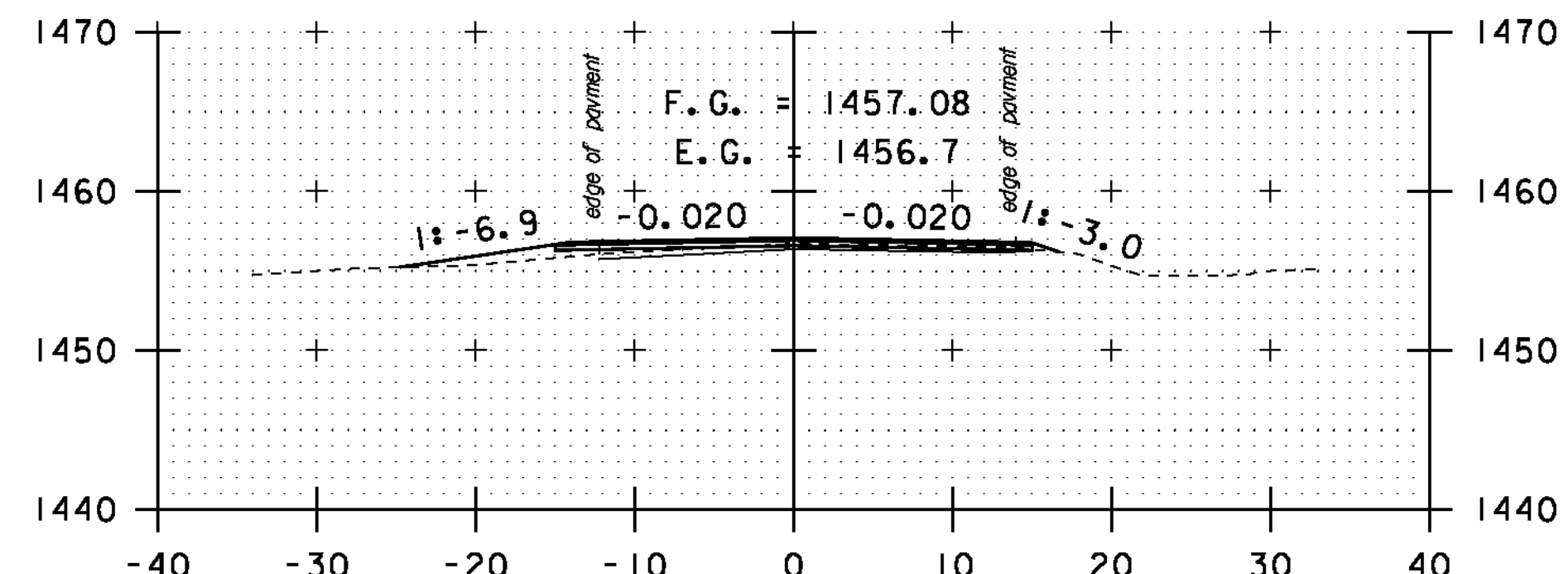
A 18+50



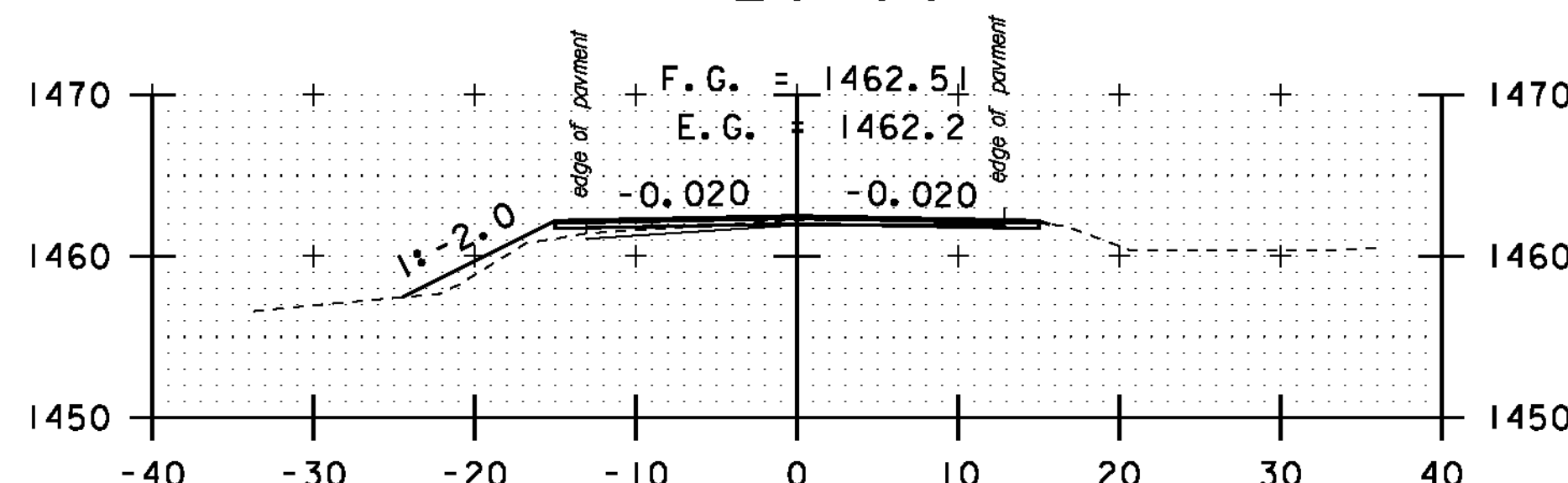
A 20+50



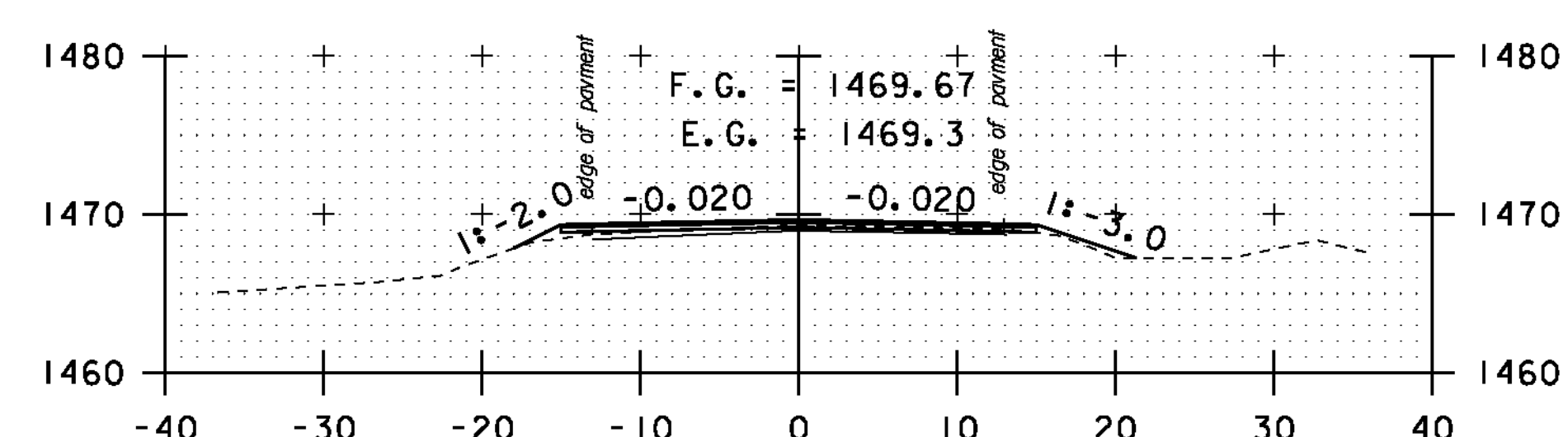
A 22+50



DRIVE LT
A 18+00



A 20+00



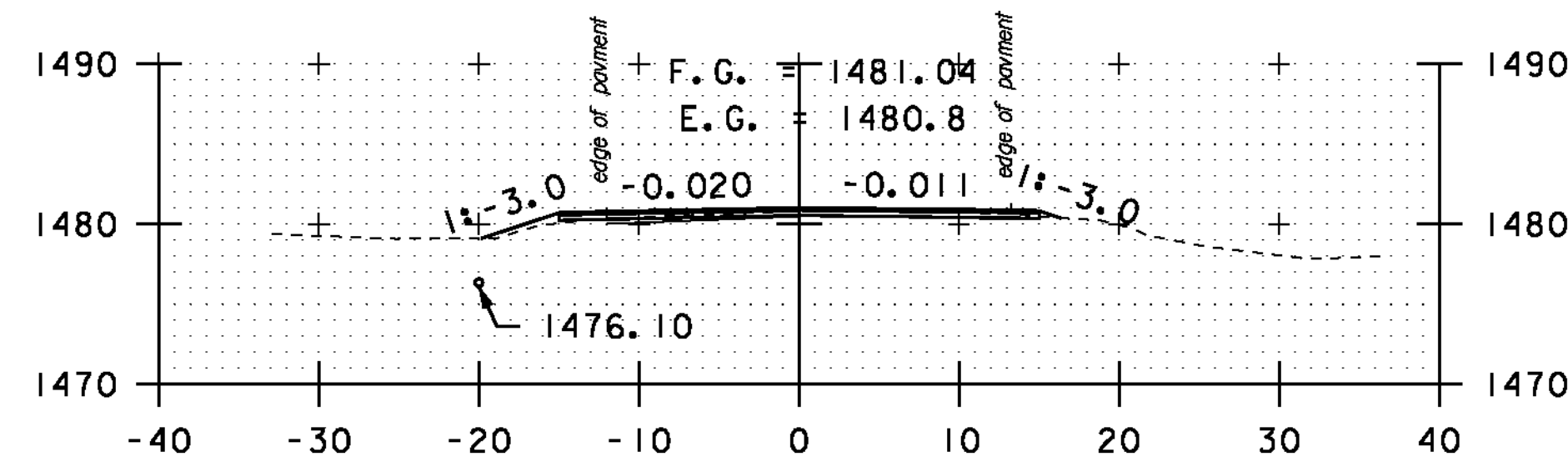
A 22+00

STA. A 18+00 TO STA. A 23+50

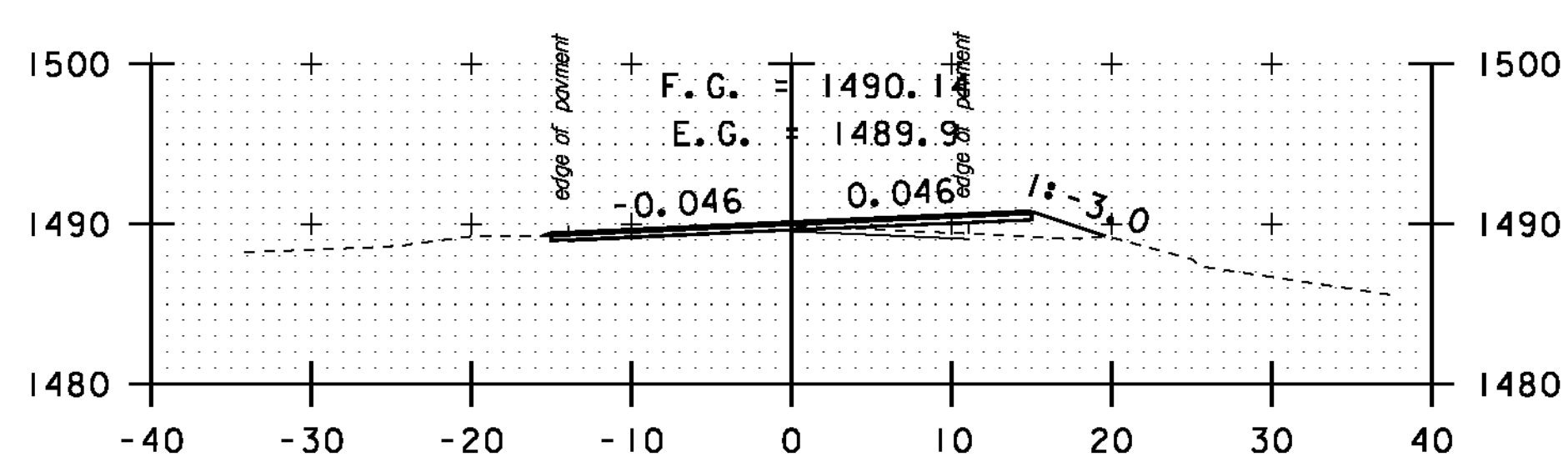
SCALE 1" = 10'-0"

**CROSS
SECTION
SHEET 41**

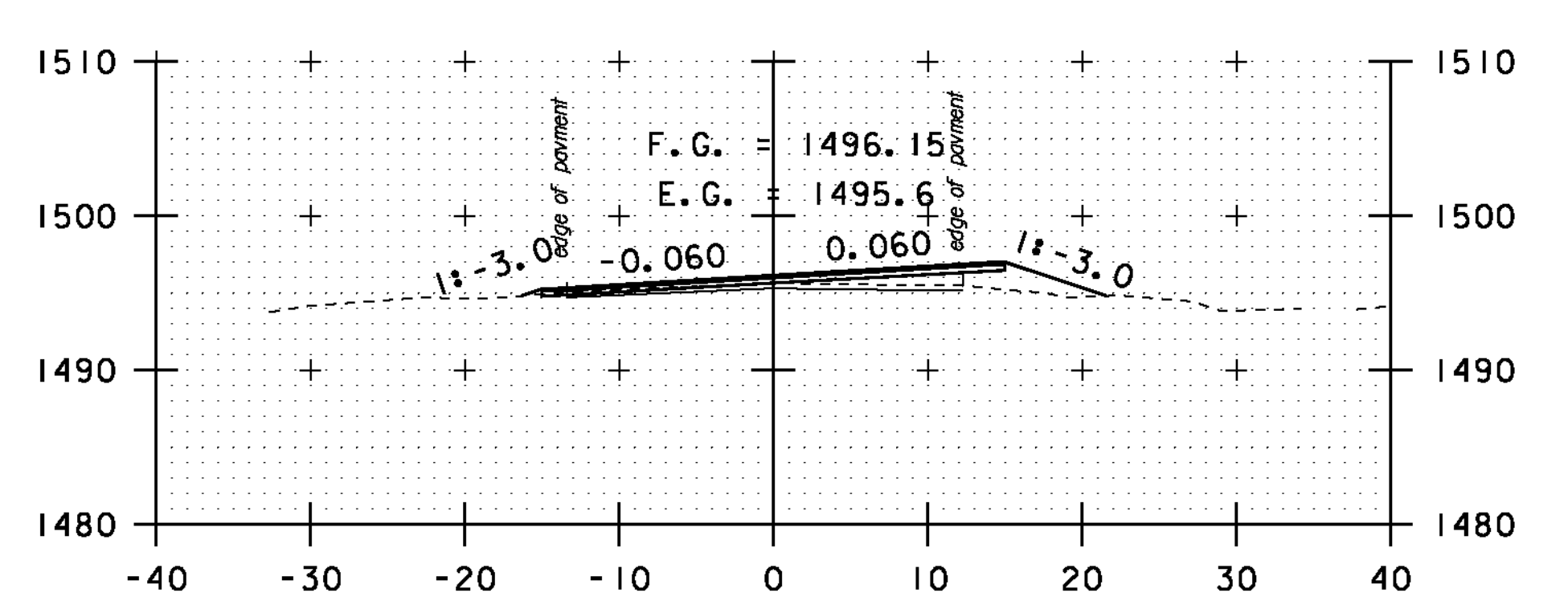
PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(1)
FILE NAME: p10CI90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10CI90_155.1
PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: CDL
SHEET 155 OF 178



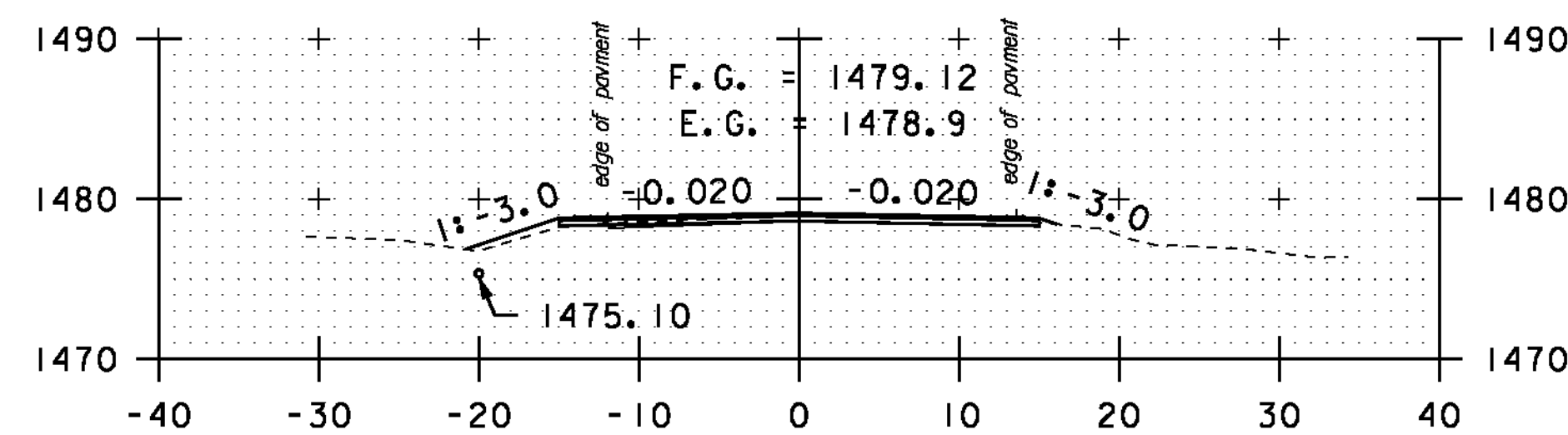
A 25+50



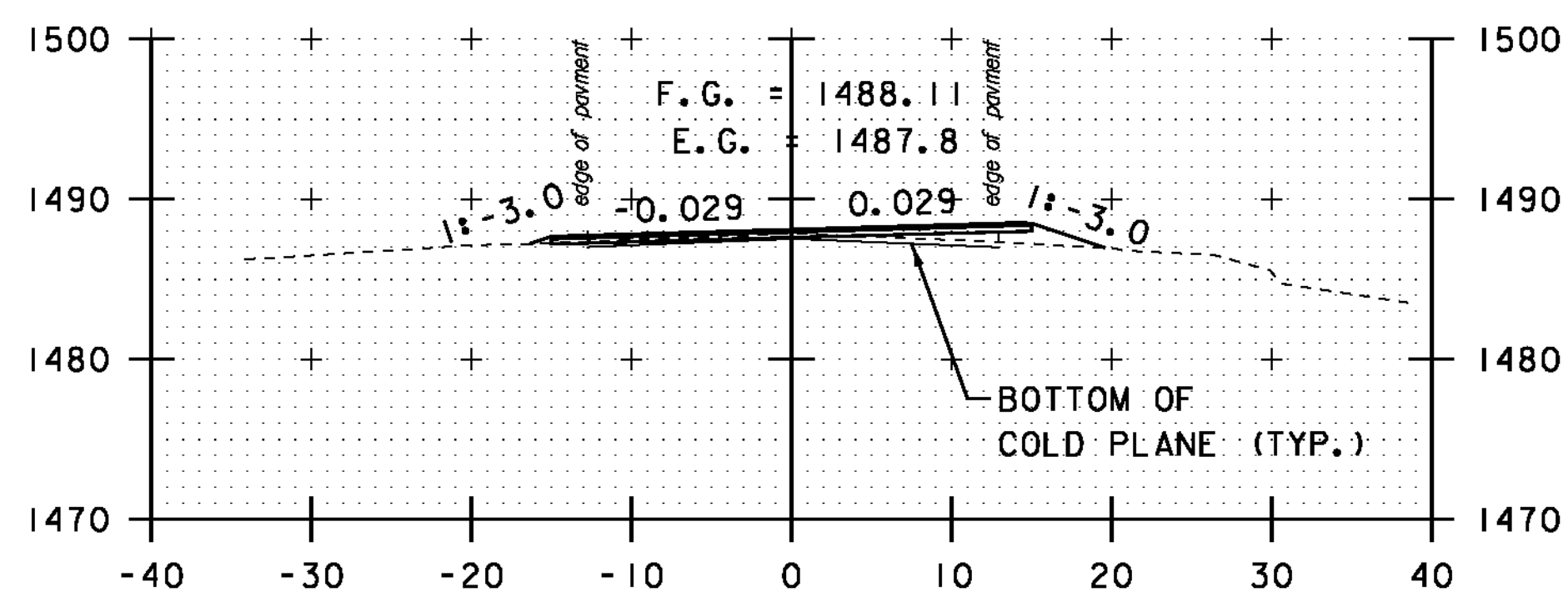
A 27+50



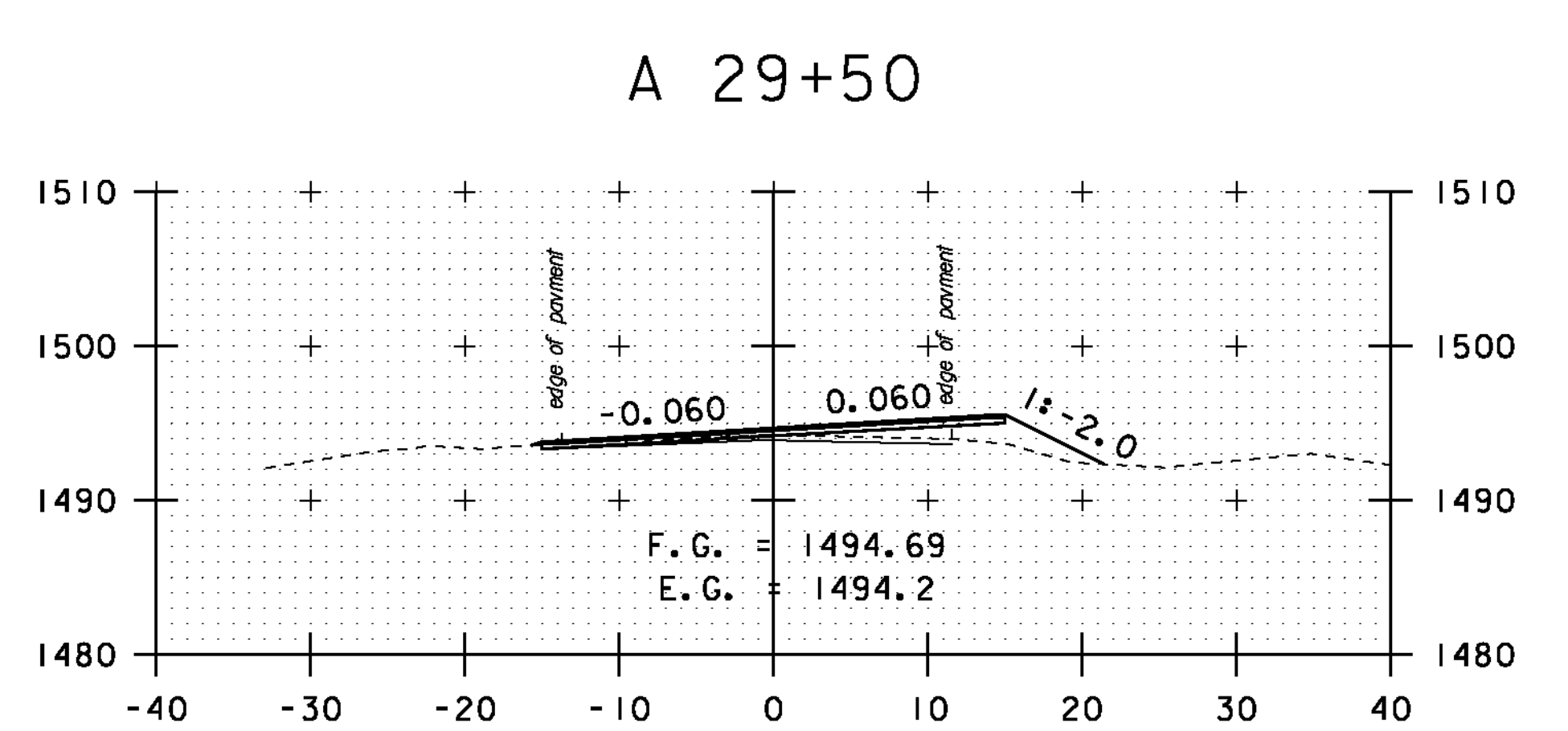
A 29+50



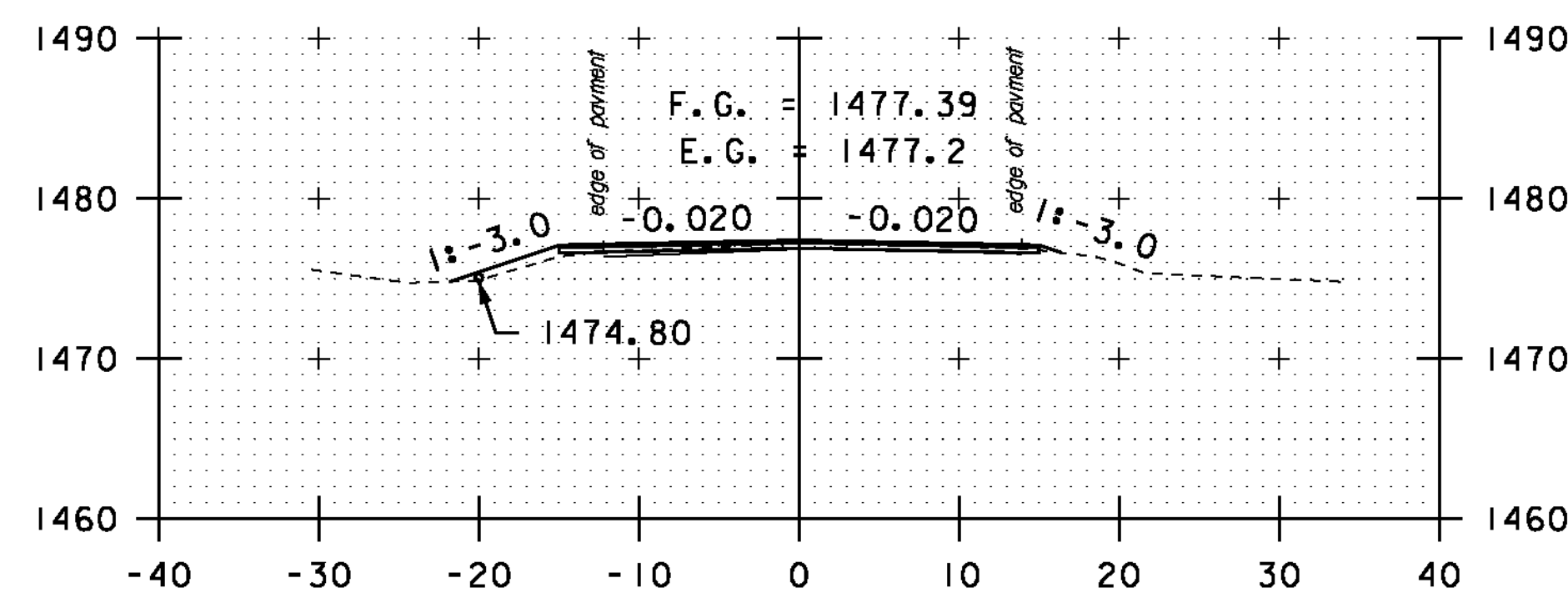
A 25+00



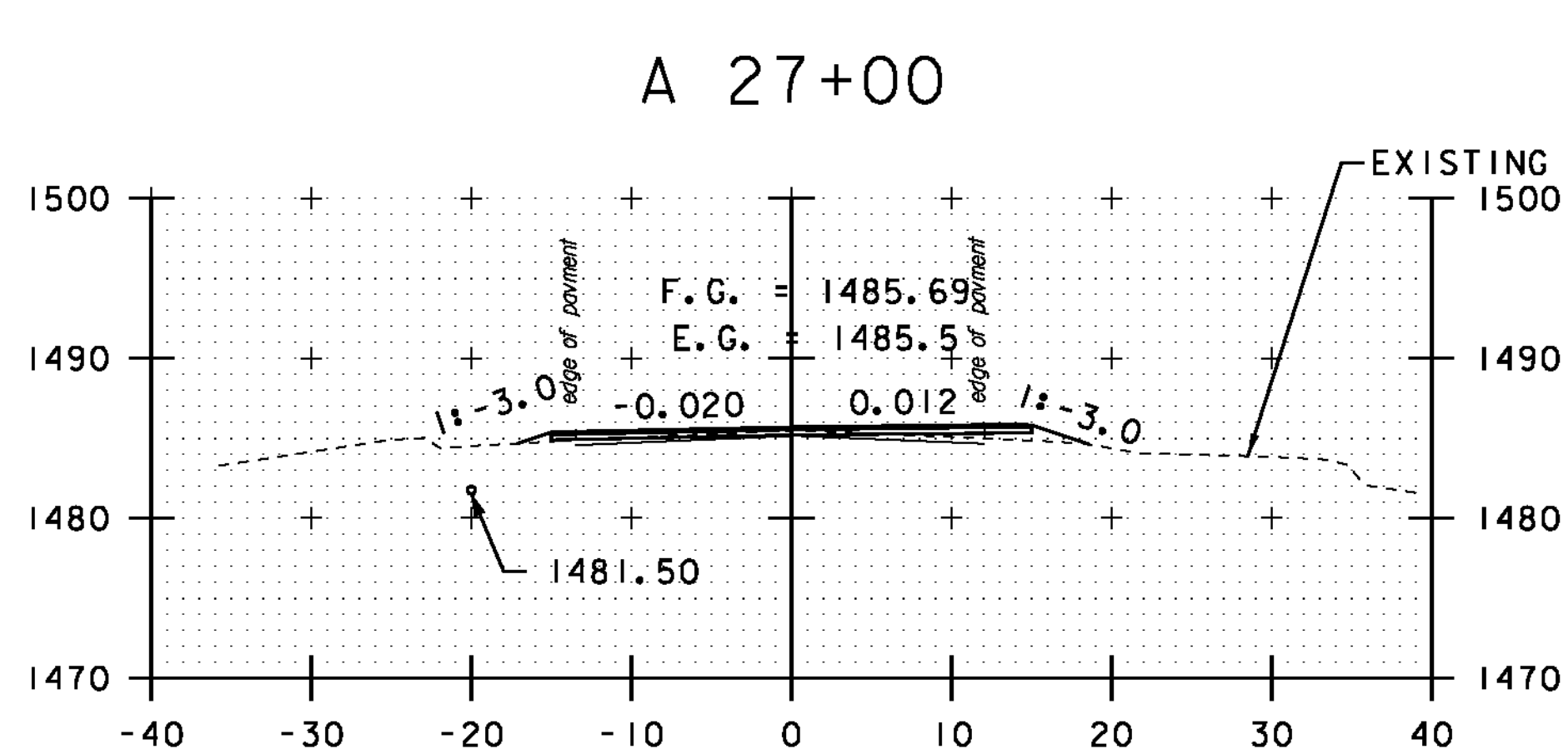
A 27+00



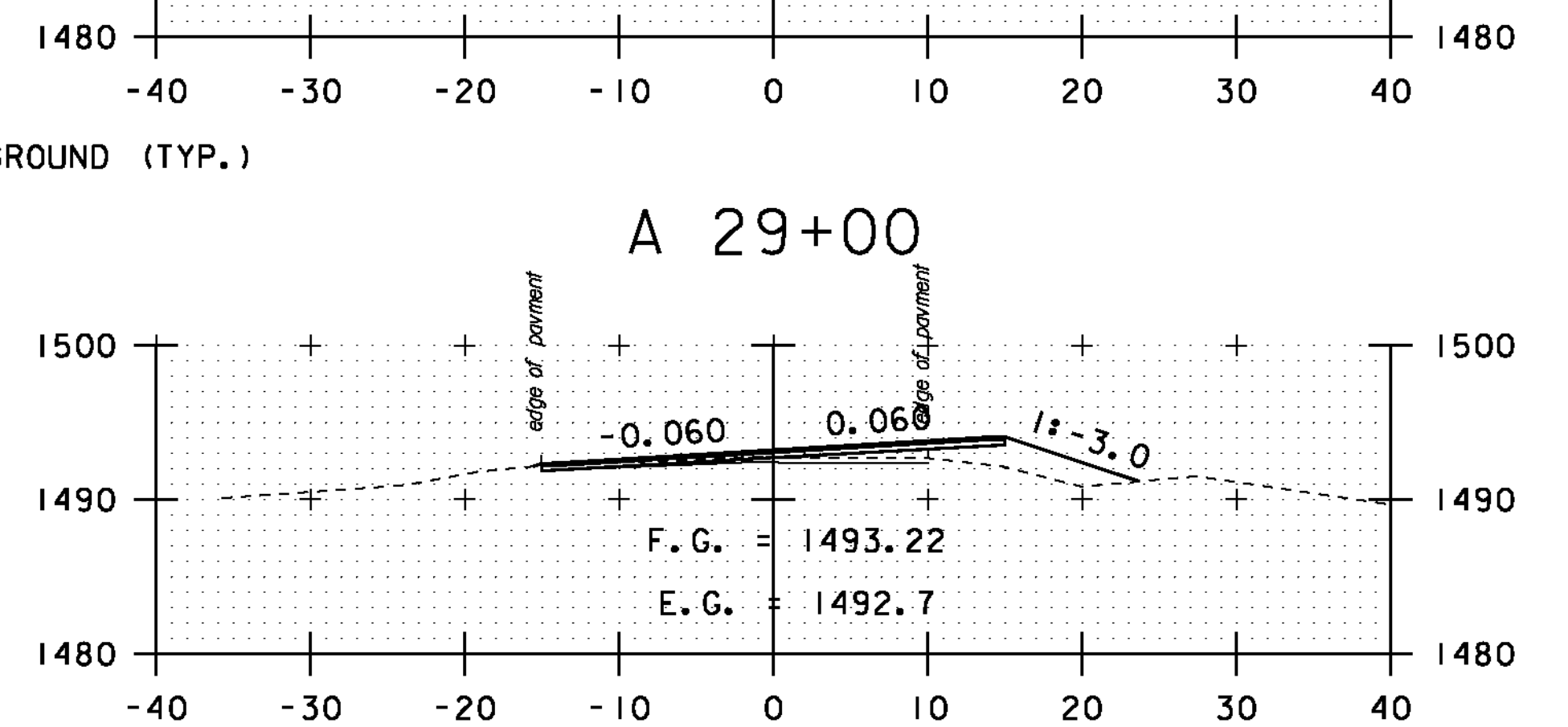
A 29+00



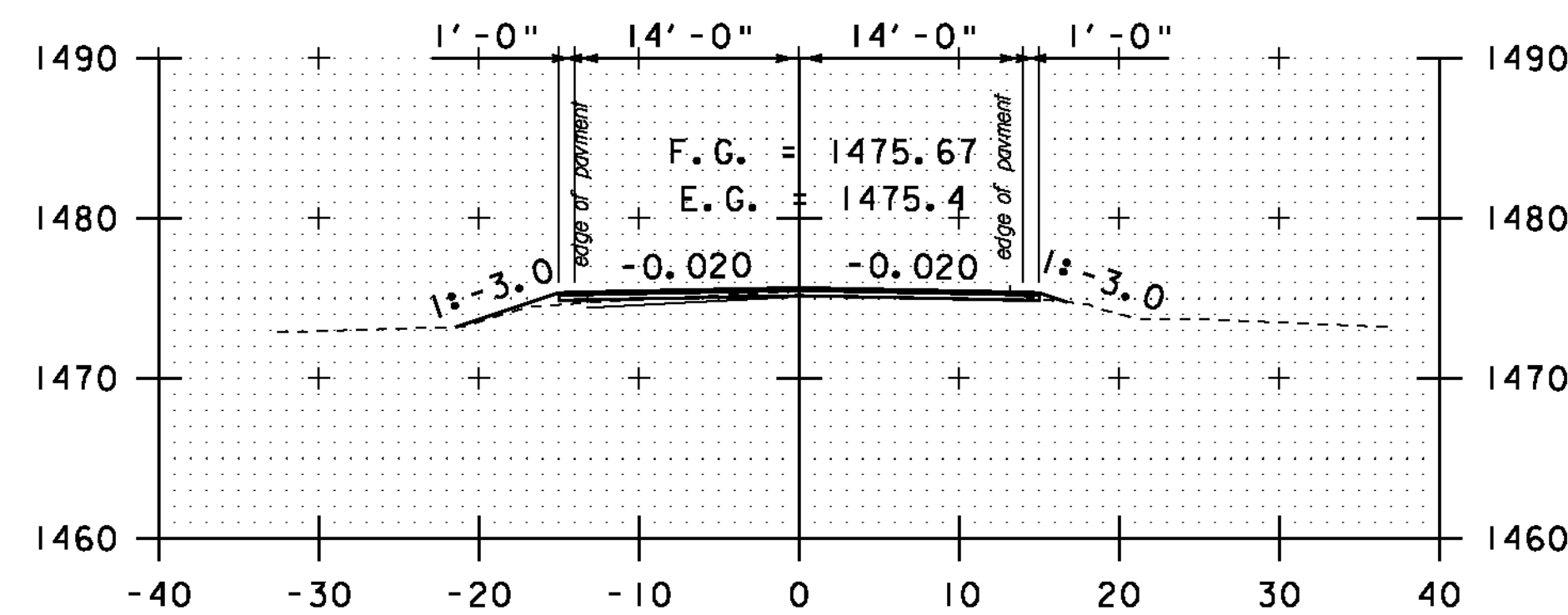
A 24+50



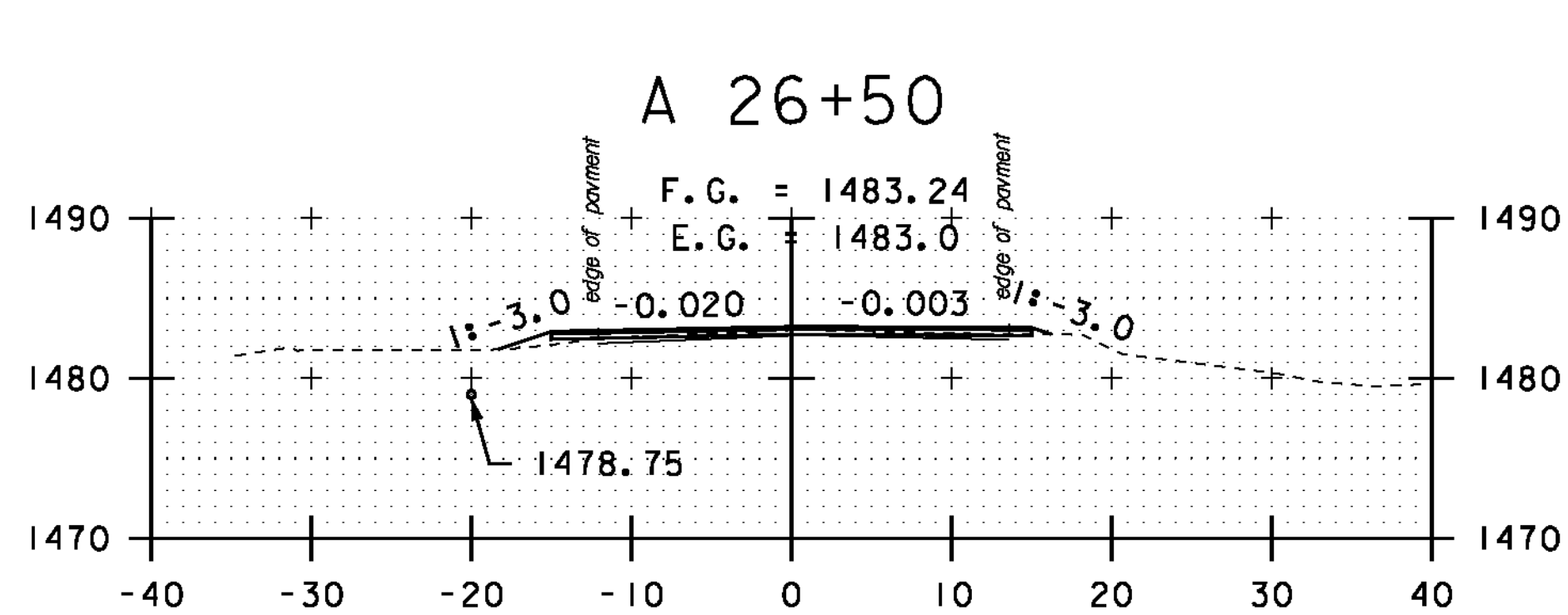
A 26+50



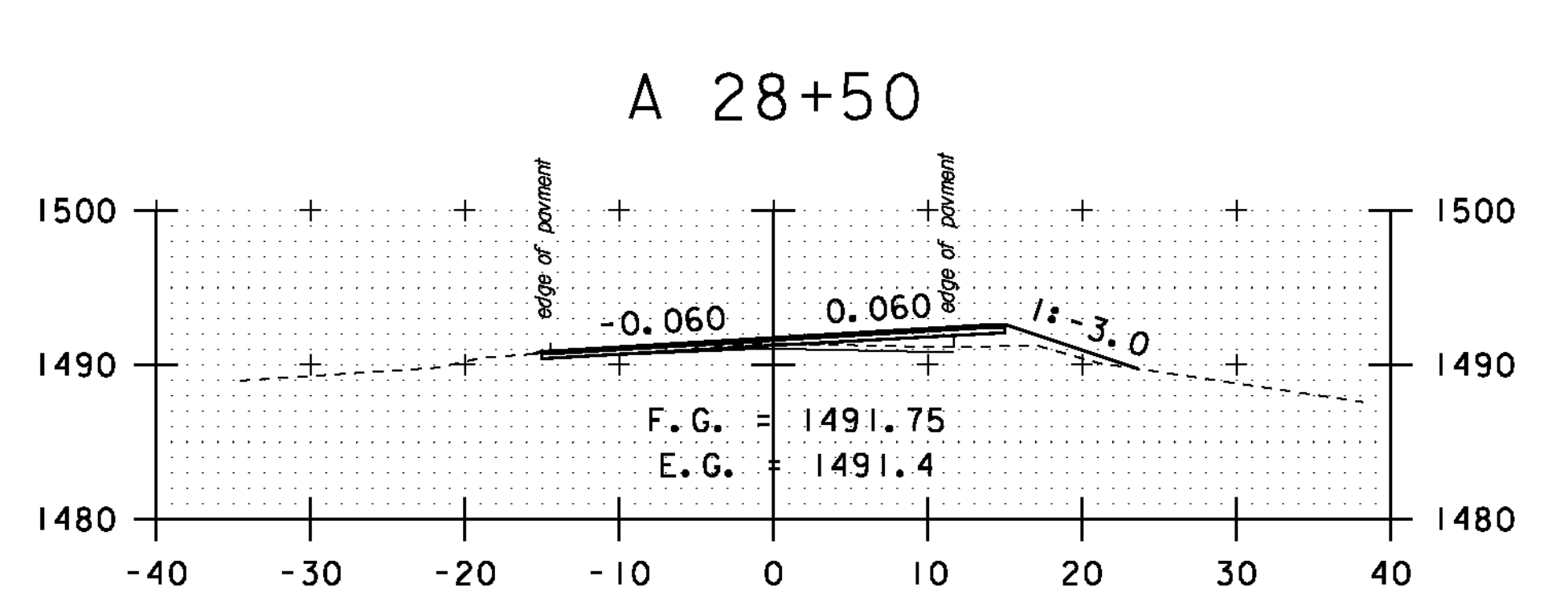
A 28+50



A 24+00



A 26+00



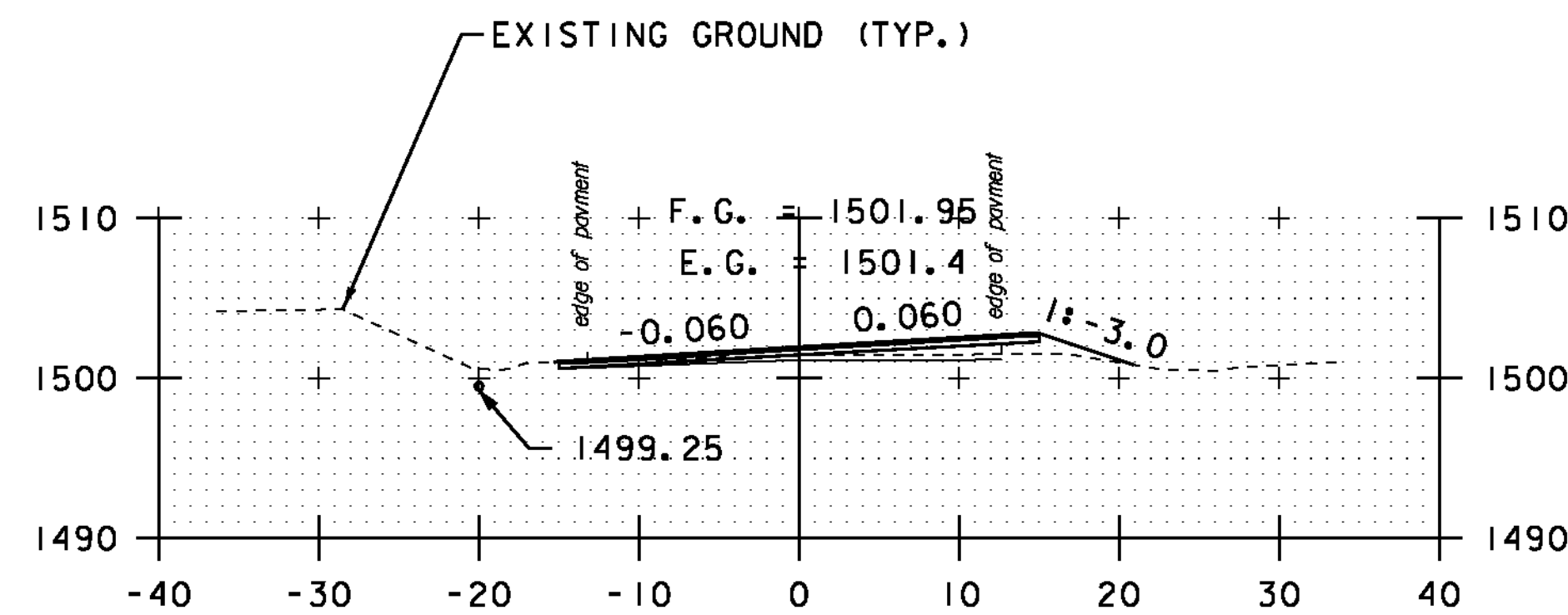
A 28+00

STA. A 24+00 TO STA. A 29+50

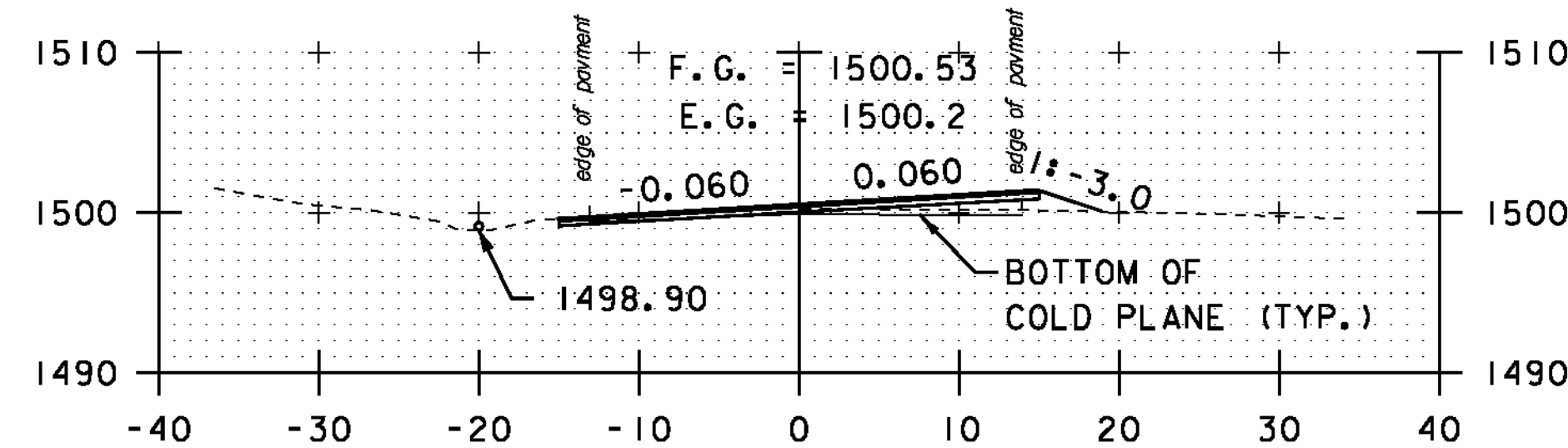
SCALE 1" = 10'-0"

CROSS SECTION SHEET 42

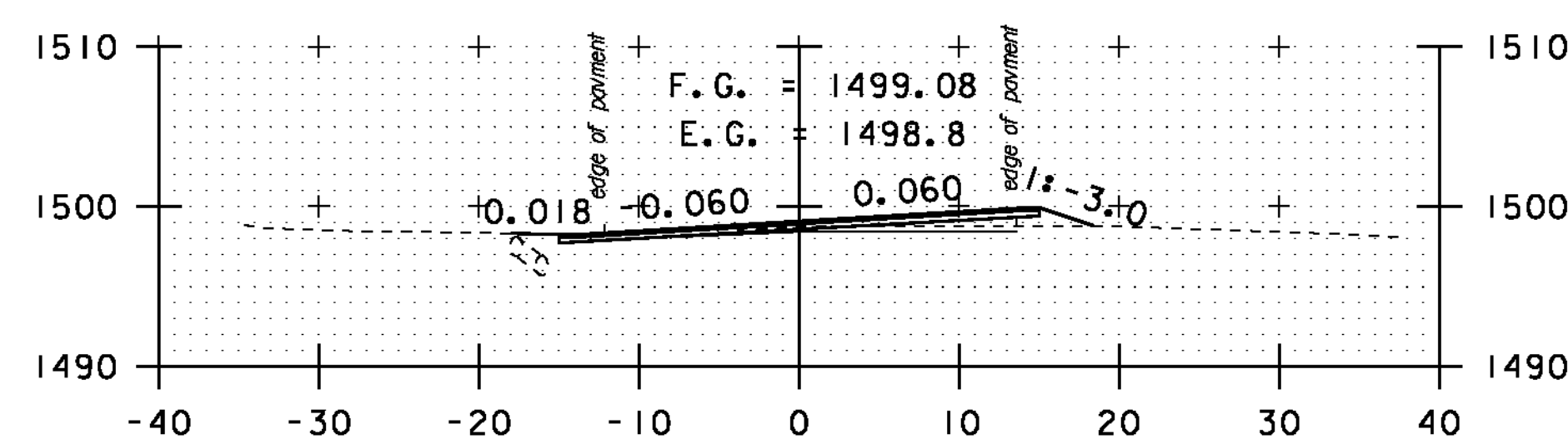
PROJECT NAME: MONTGOMERY-WESTFIELD
 PROJECT NUMBER: STP 2906(1)
 FILE NAME: p10CI90.dgn
 PROJECT LEADER: CDL
 DESIGNED BY: SJL
 PLOT FILE: p10CI90_156.1
 PLOT DATE: 9/5/12
 DRAWN BY: SJL
 CHECKED BY: CDL
 SHEET 156 OF 178



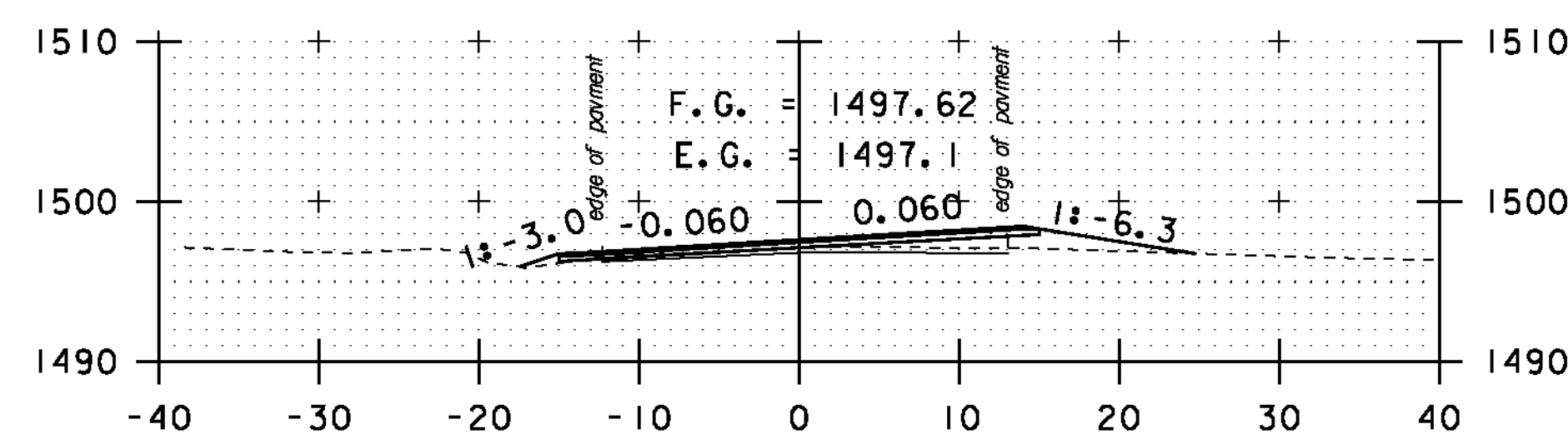
A 31+50



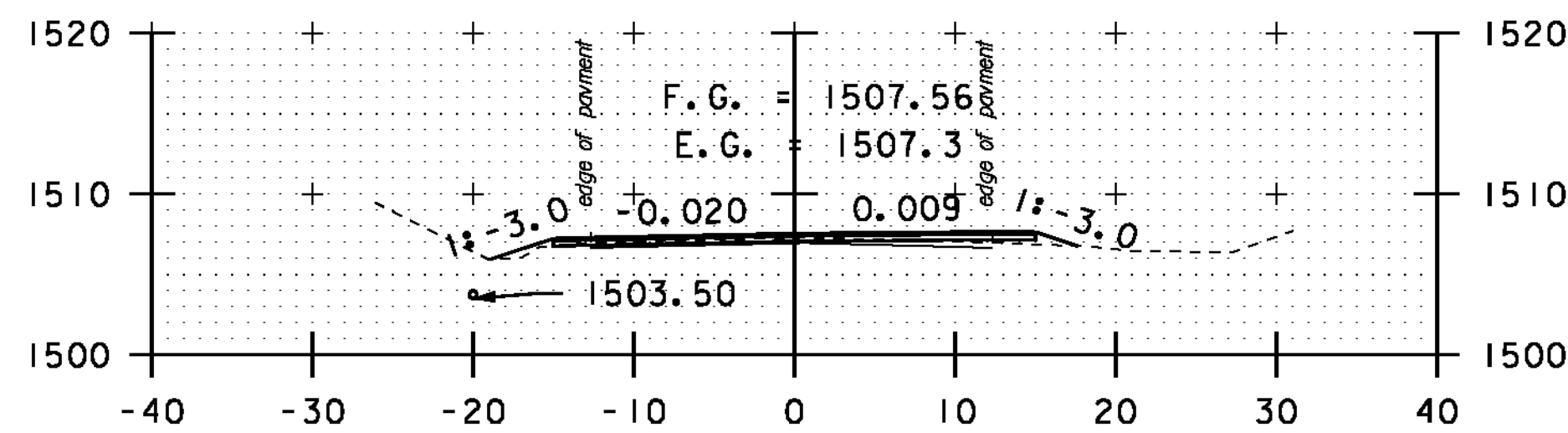
A 31+00



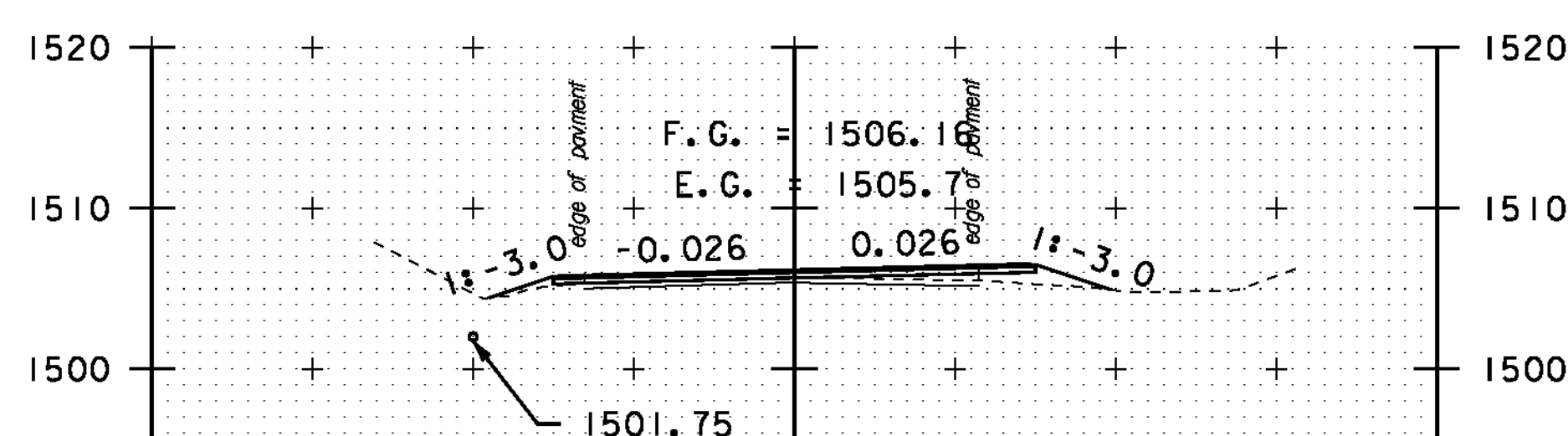
DRIVE LT
A 30+50



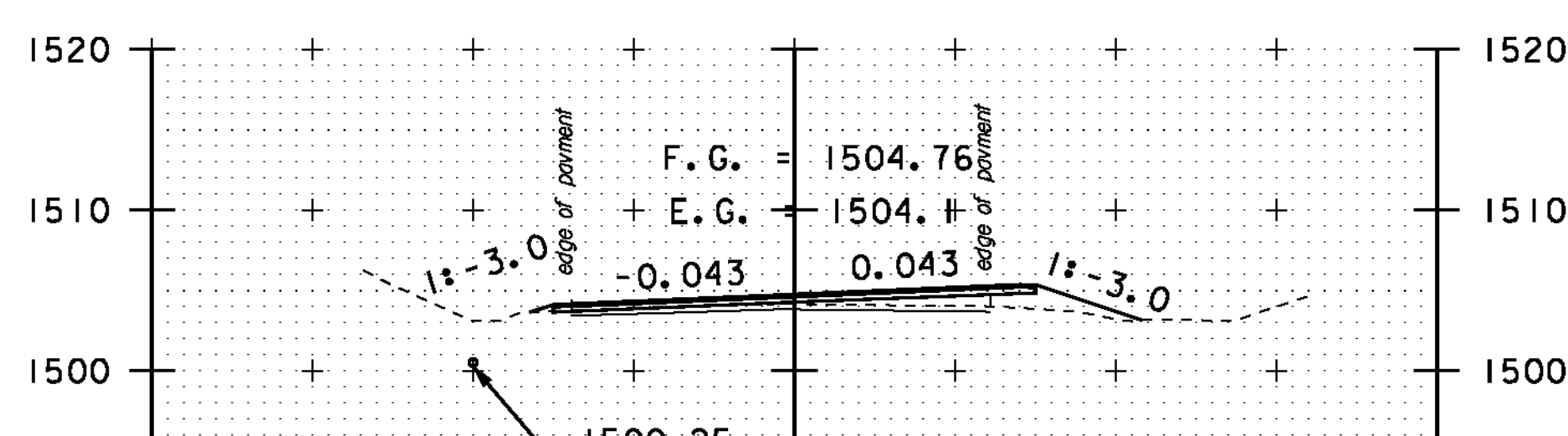
DRIVE RT
A 30+00



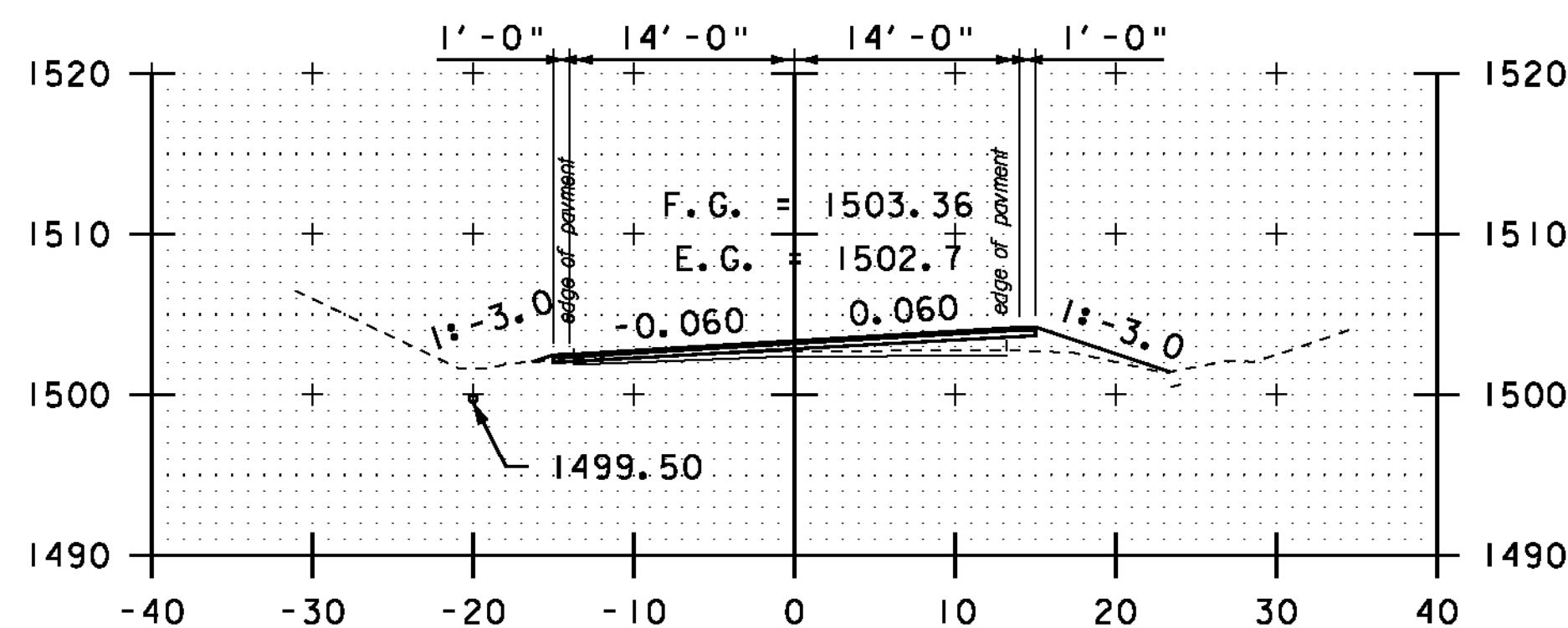
A 33+50



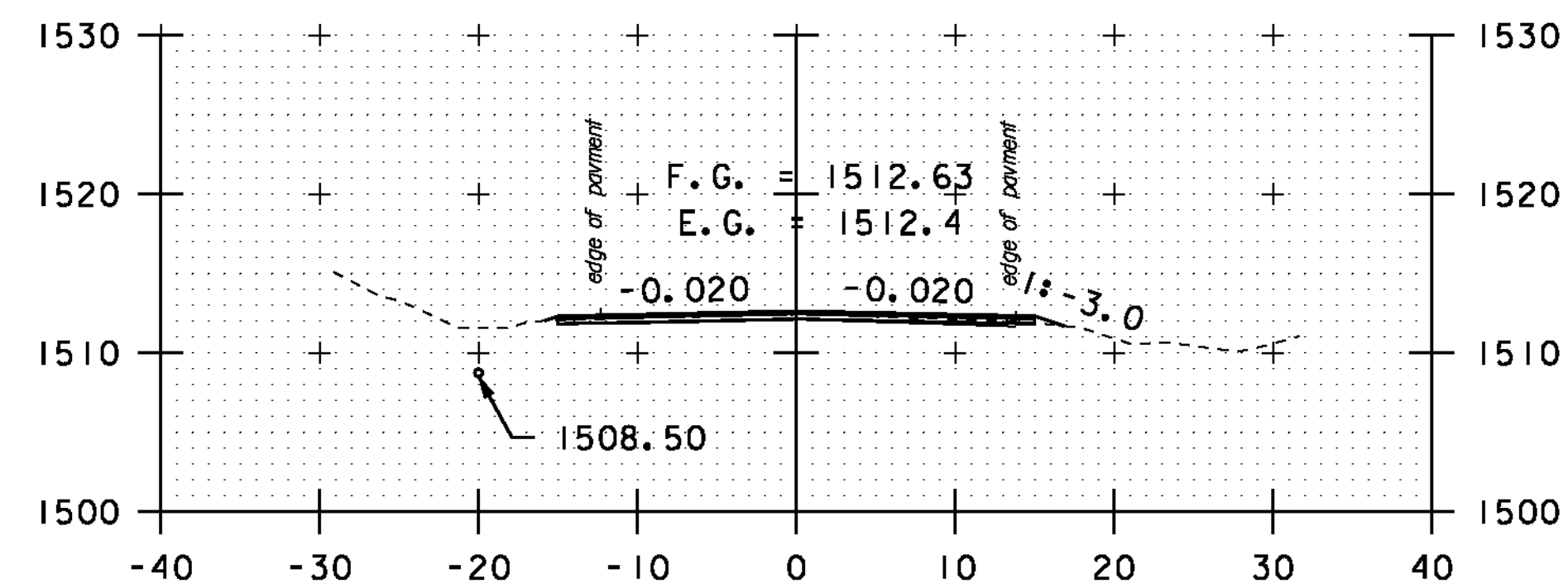
A 33+00



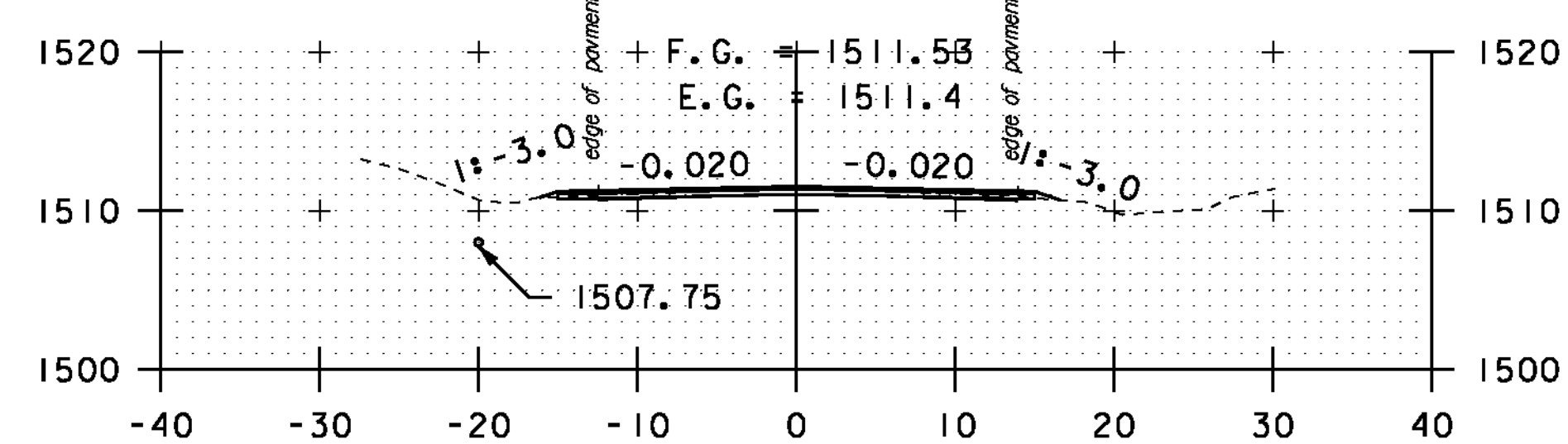
A 32+50



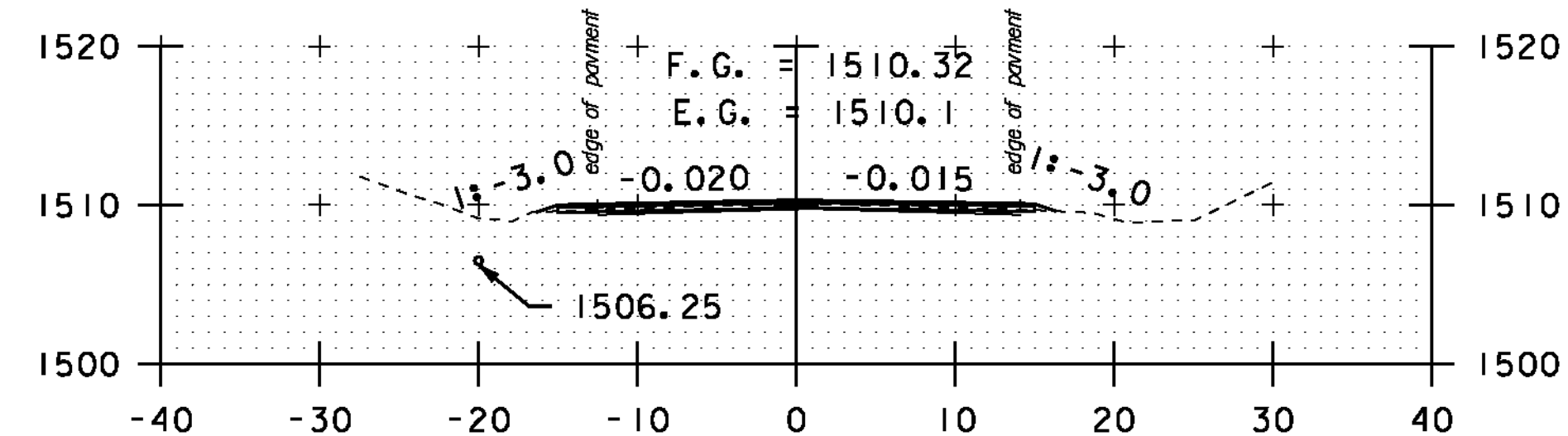
A 32+00



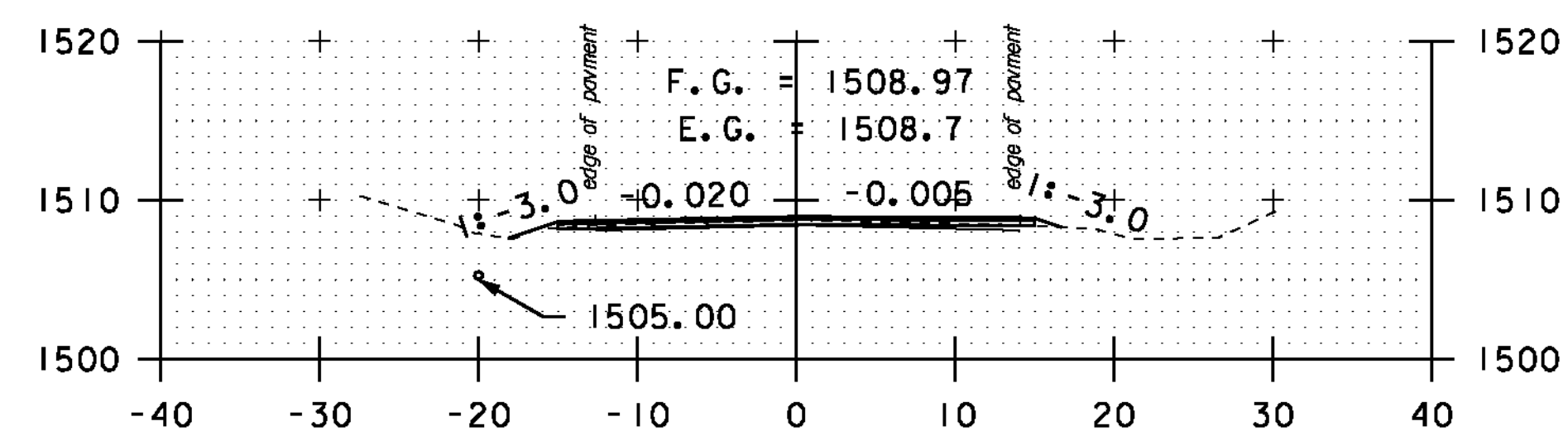
A 35+50



A 35+00



A 34+50



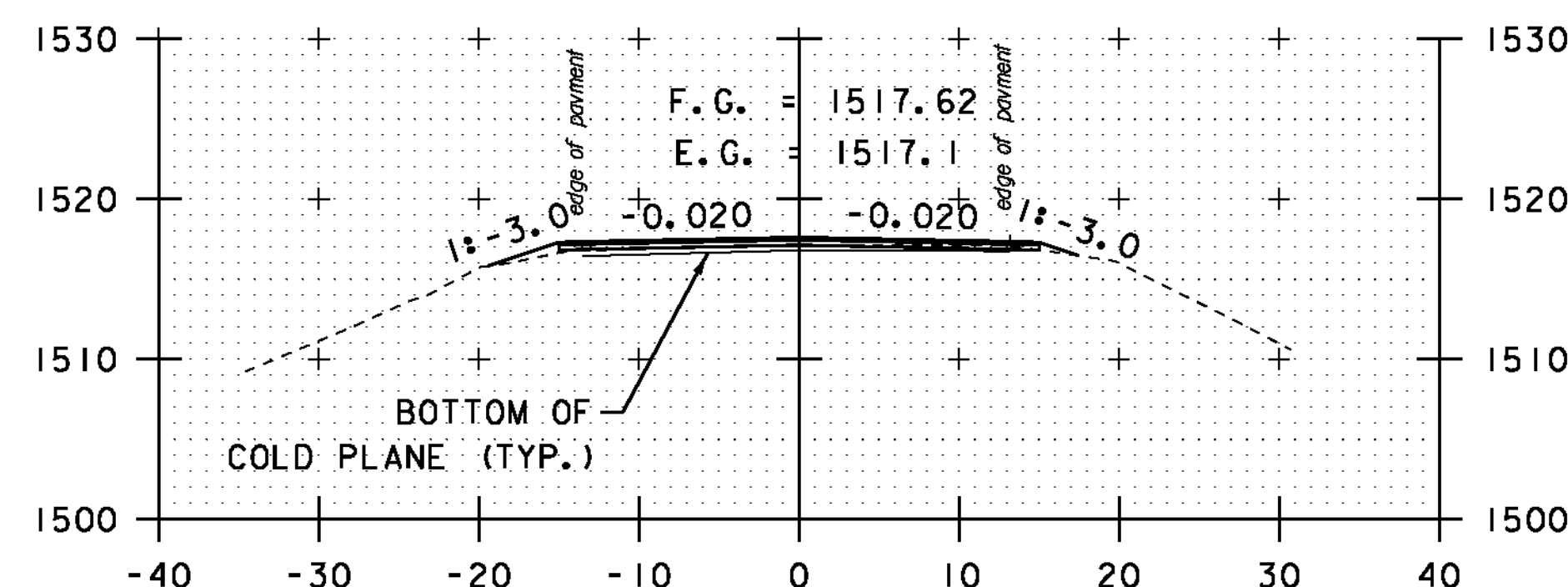
A 34+00

STA. A 30+00 TO STA. A 35+50

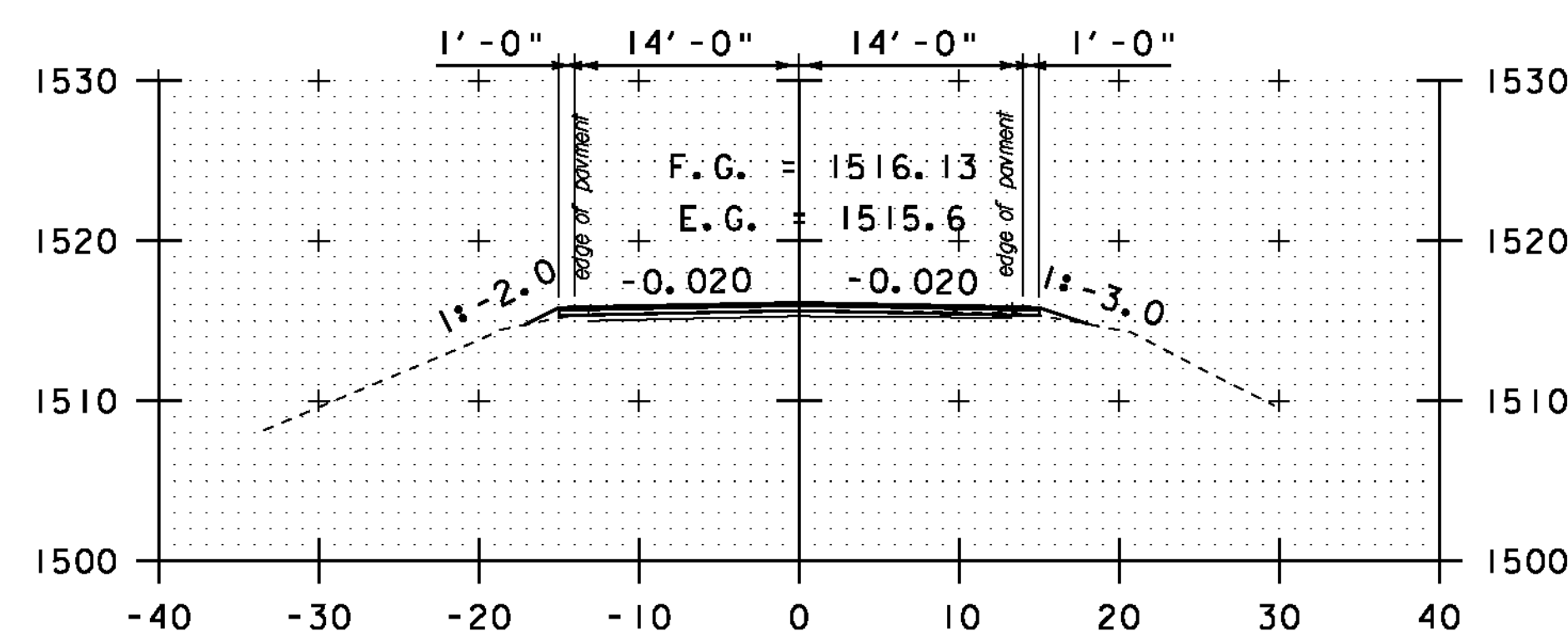
SCALE 1" = 10'-0"

**CROSS
SECTION
SHEET 43**

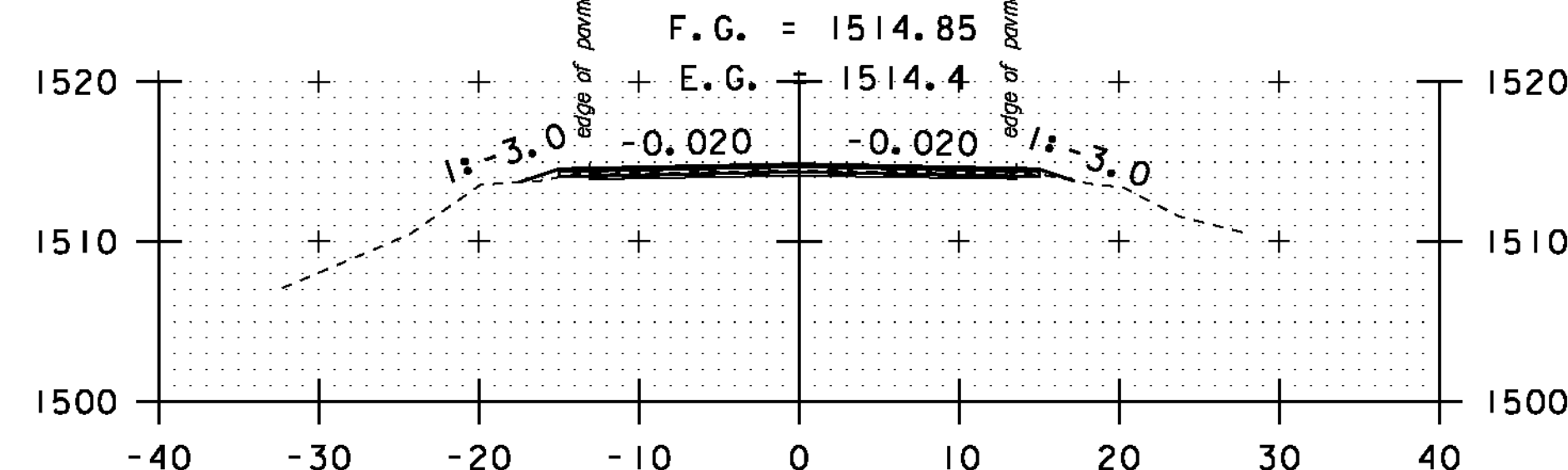
PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(1)
FILE NAME: p10CI90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10CI90_157.1
PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: CDL
SHEET 157 OF 178



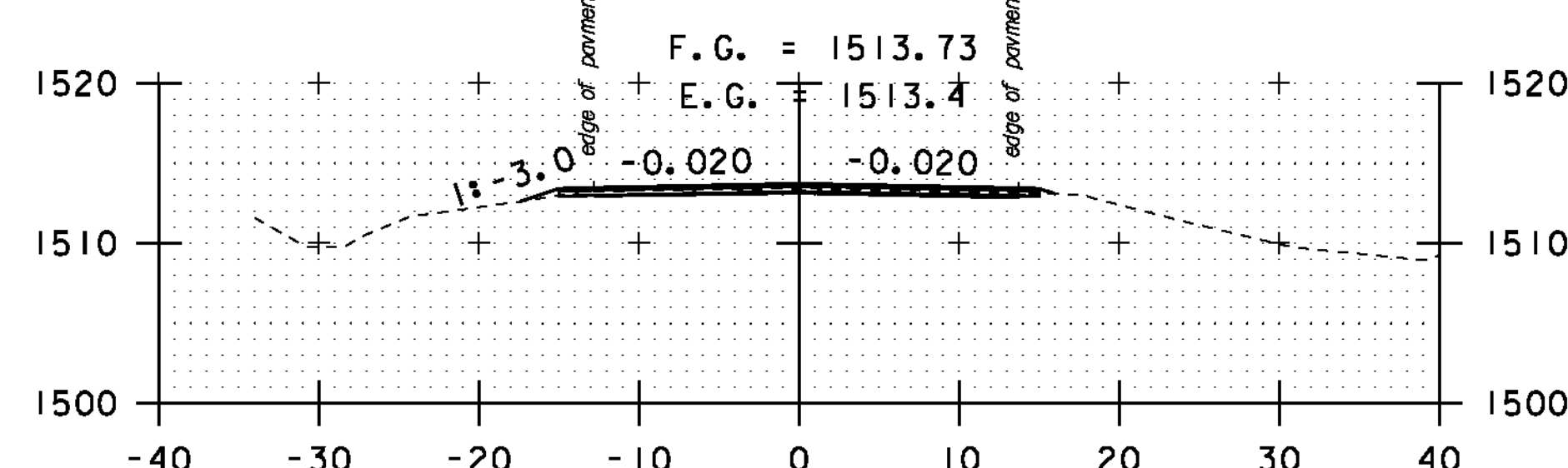
A 37+50



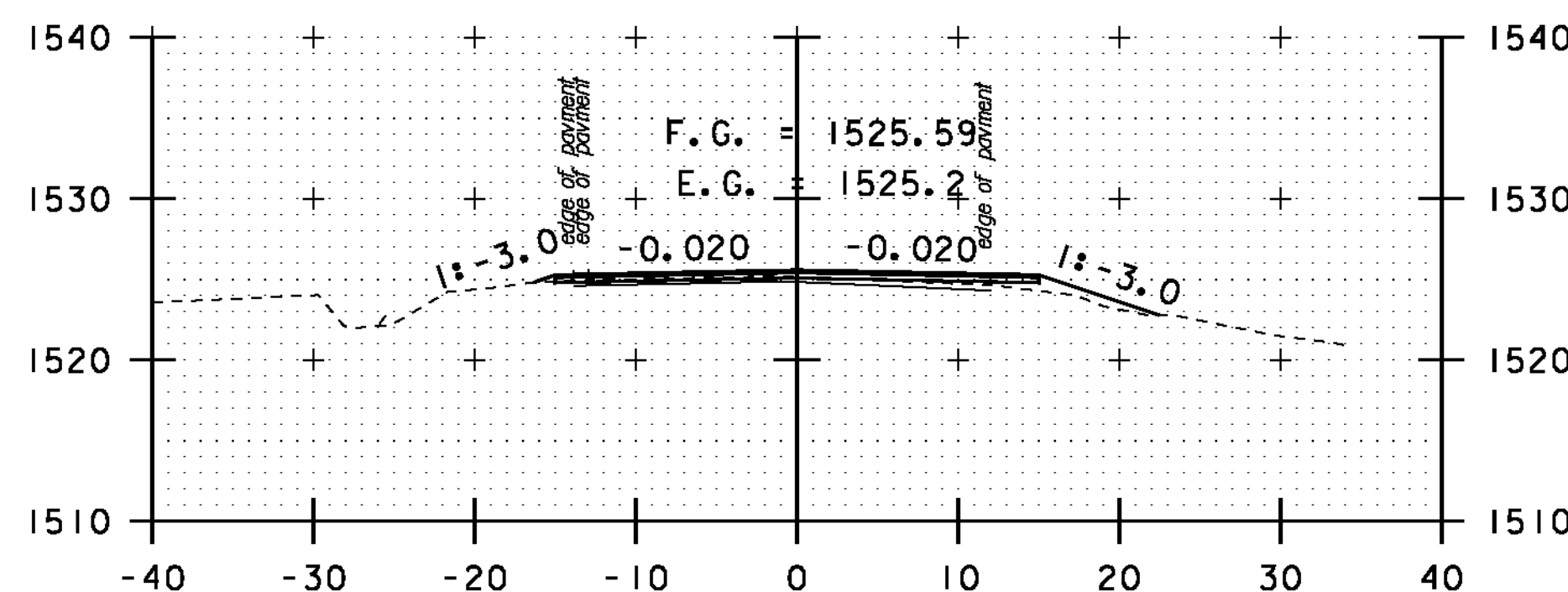
A 37+00



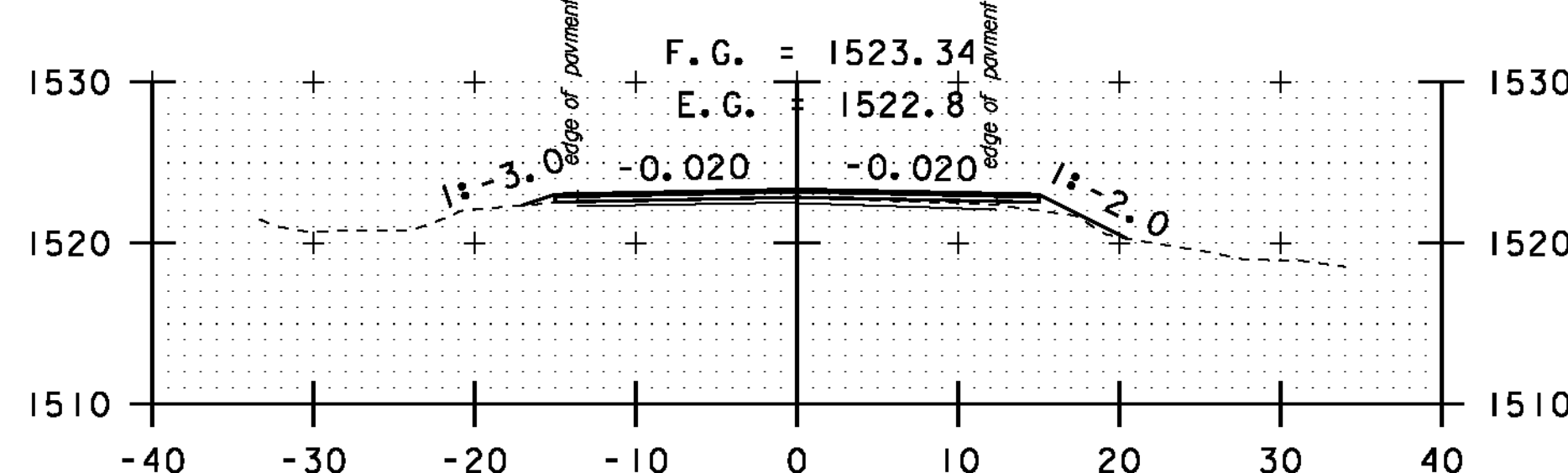
A 36+50



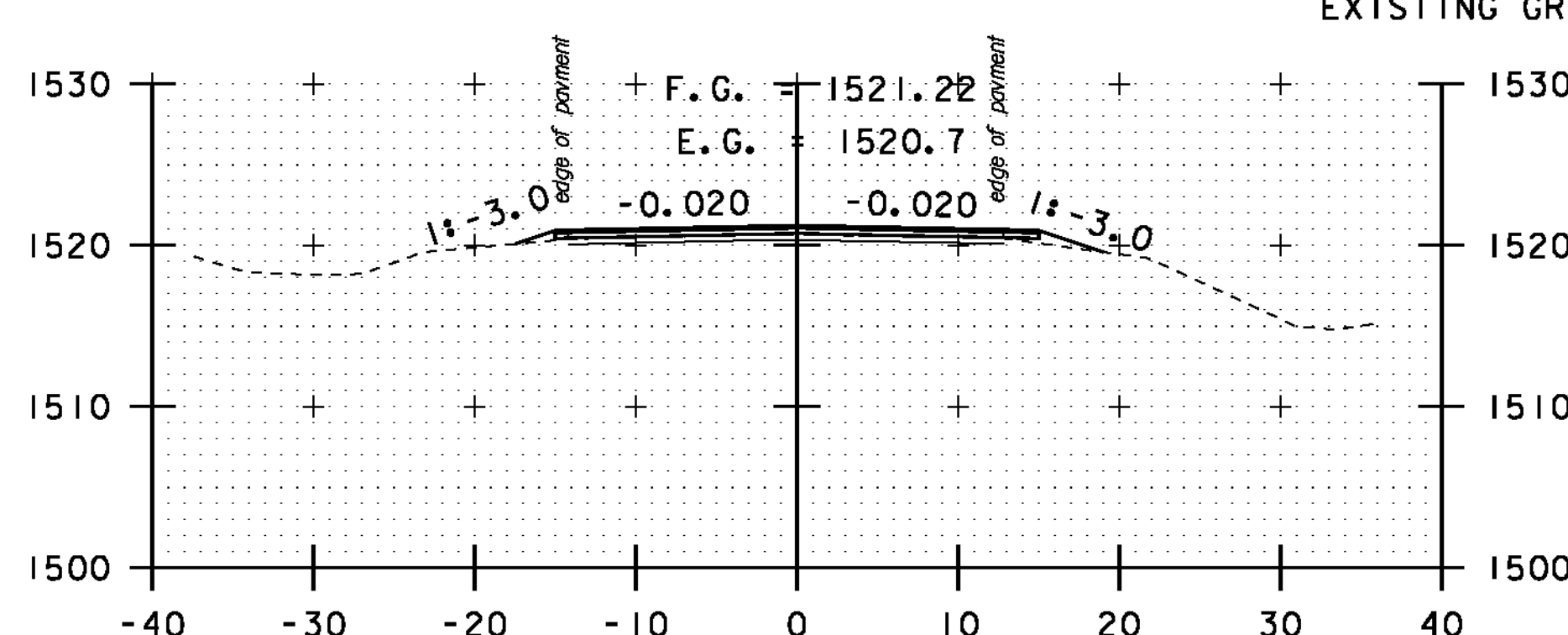
A 36+00



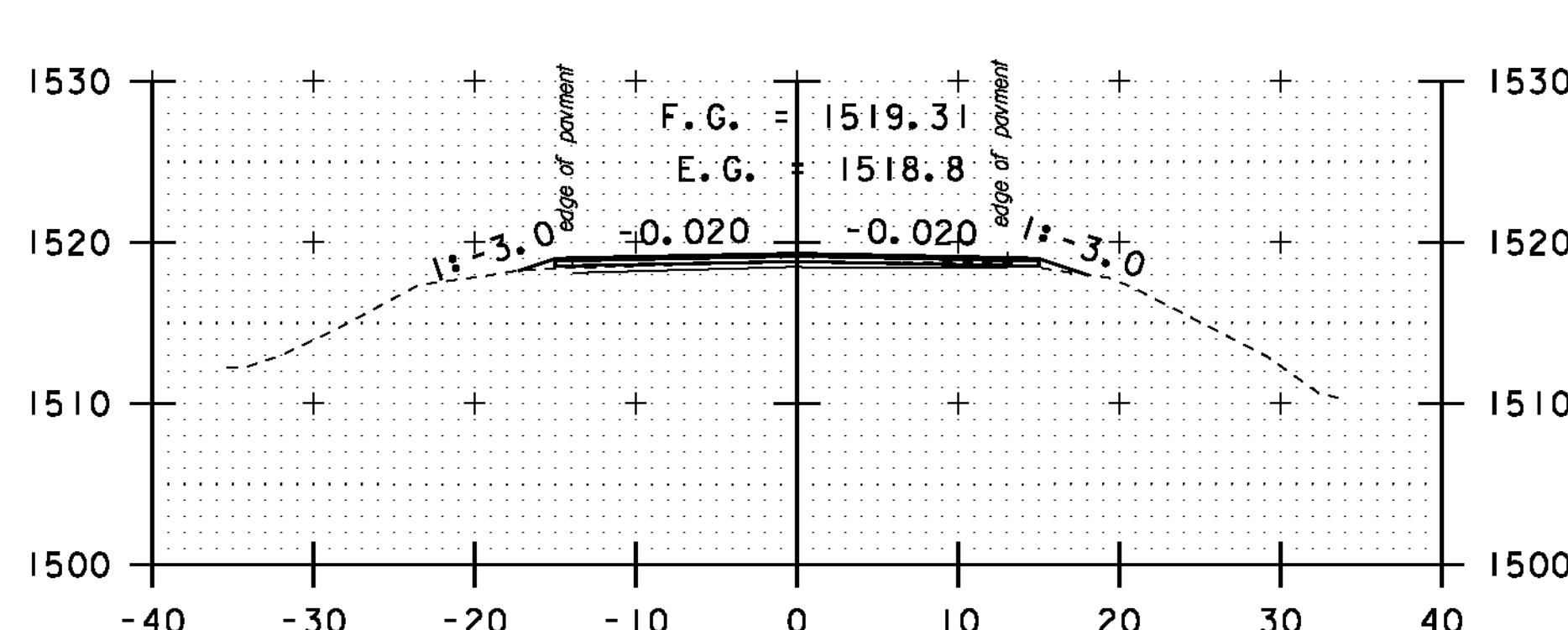
A 39+50



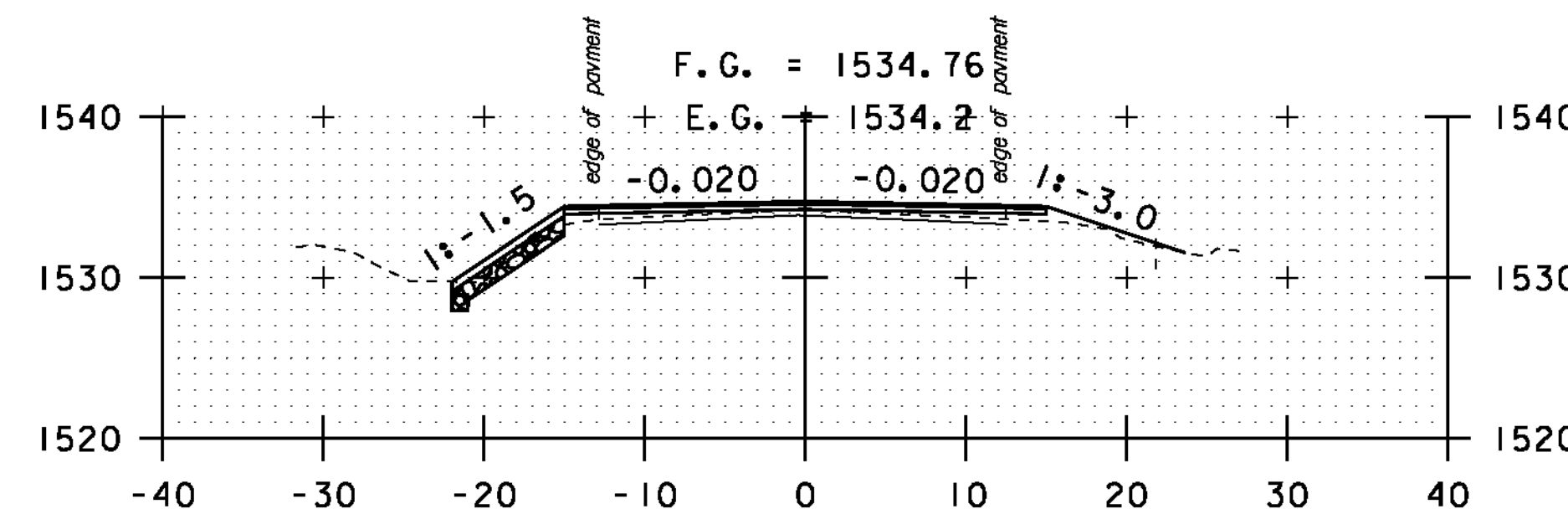
A 39+00



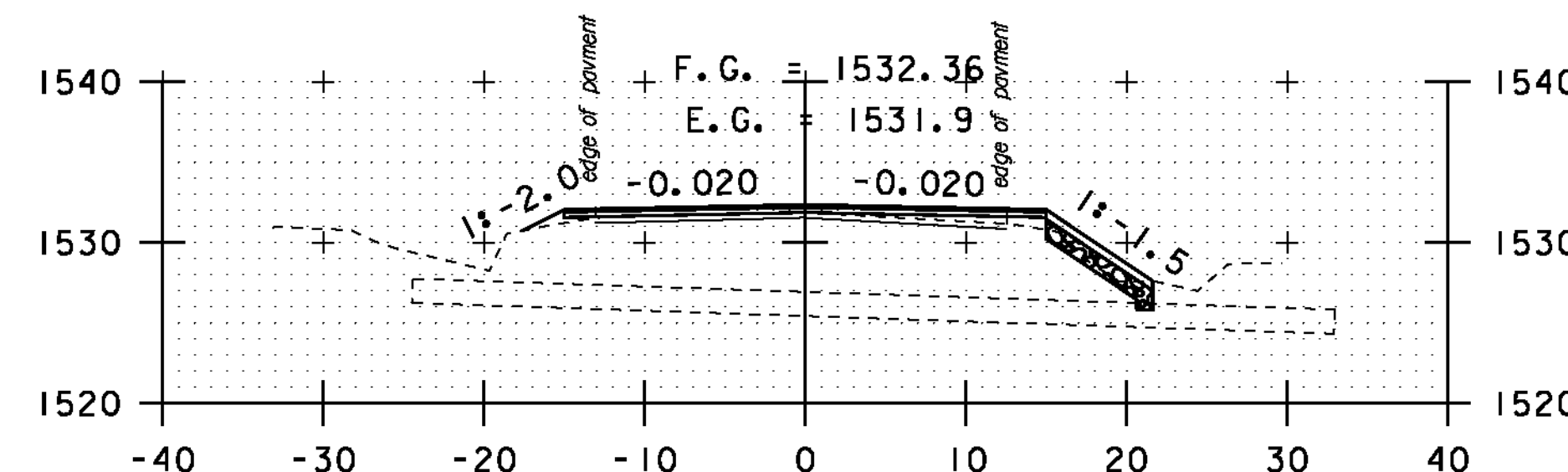
A 38+50



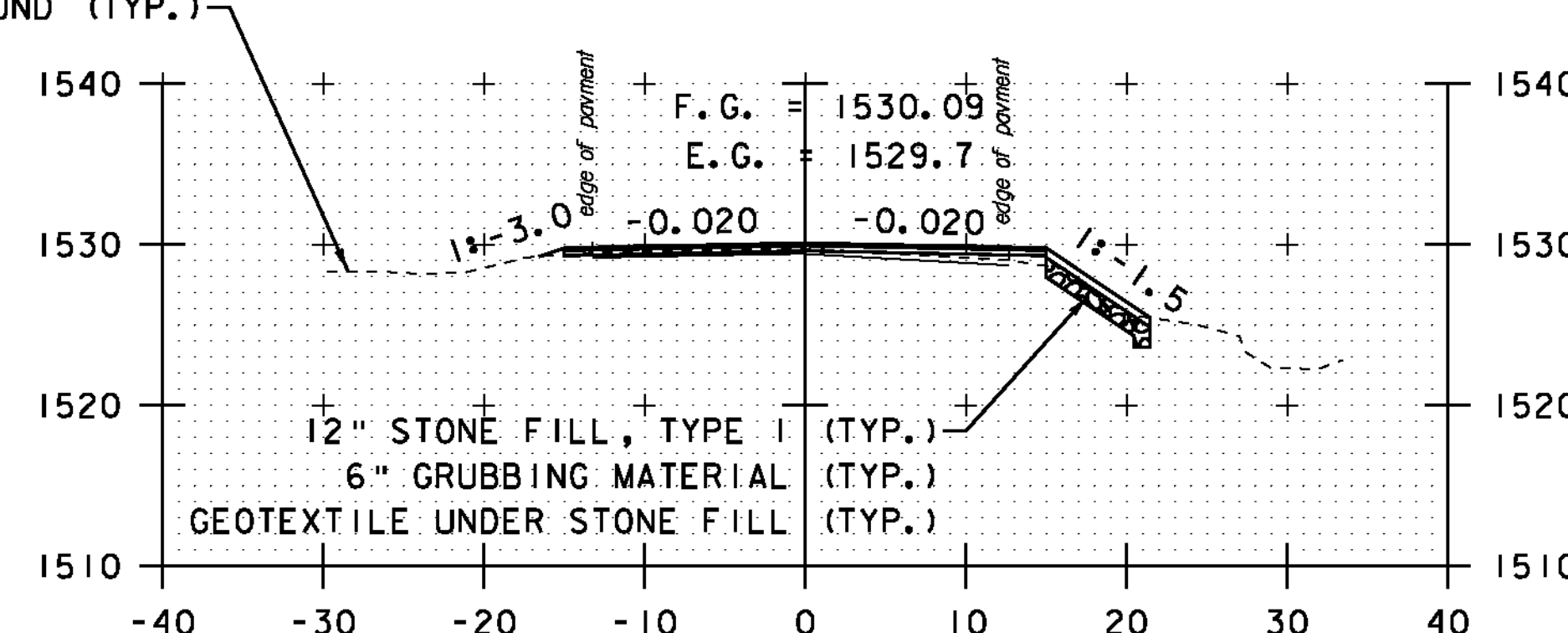
A 38+00



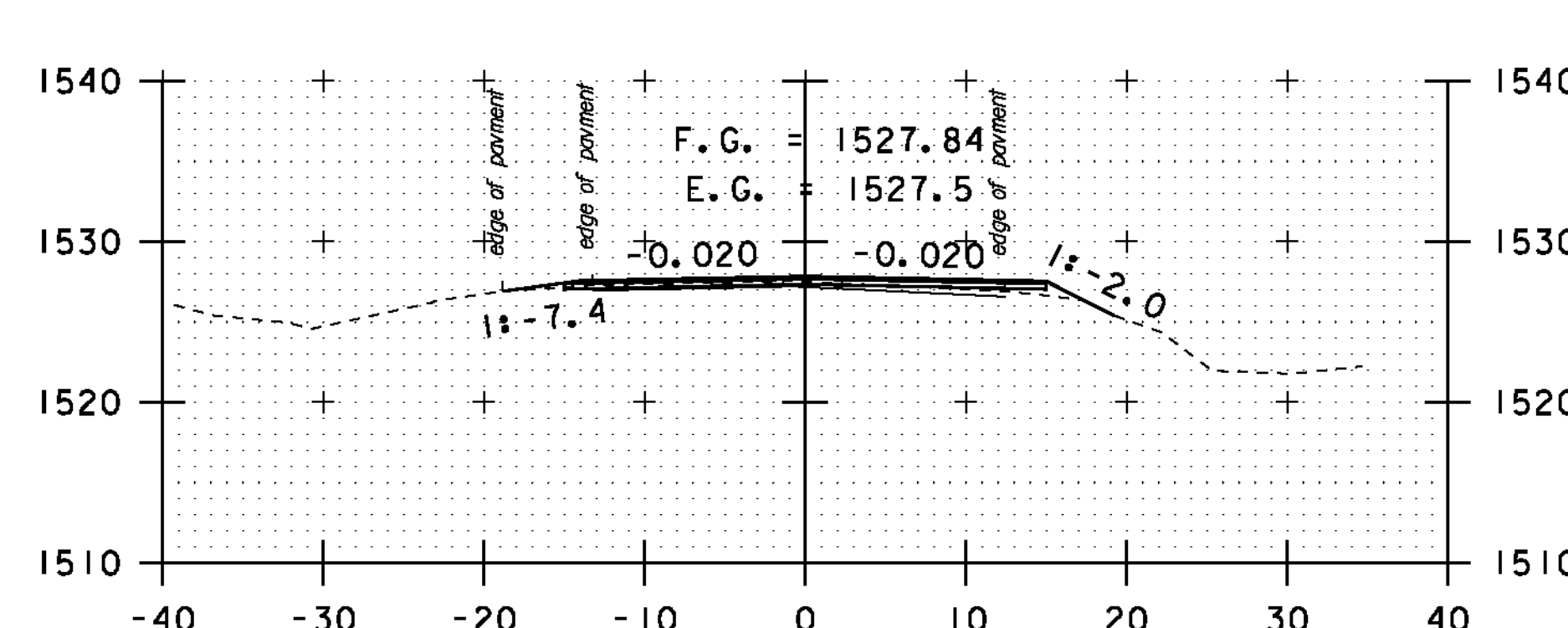
A 41+50



A 41+00



A 40+50



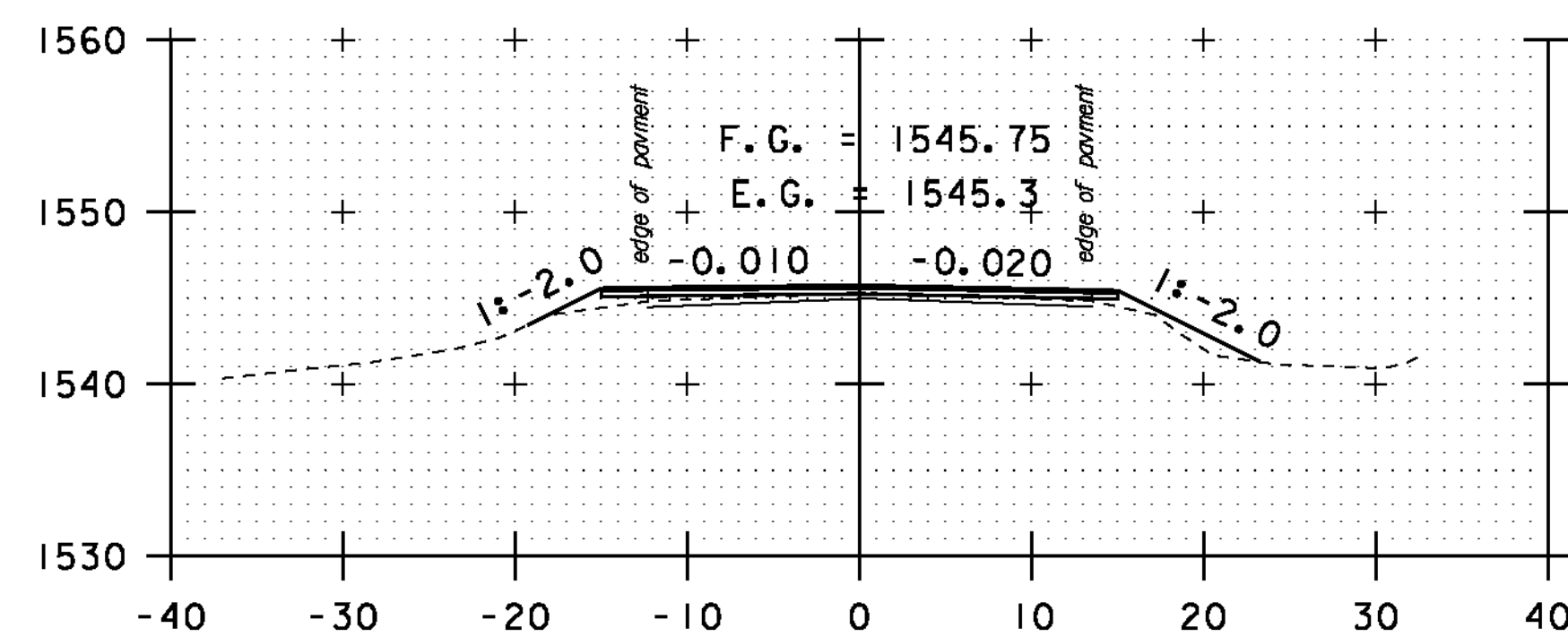
DRIVE LT
A 40+00

STA. A 36+00 TO STA. A 41+50

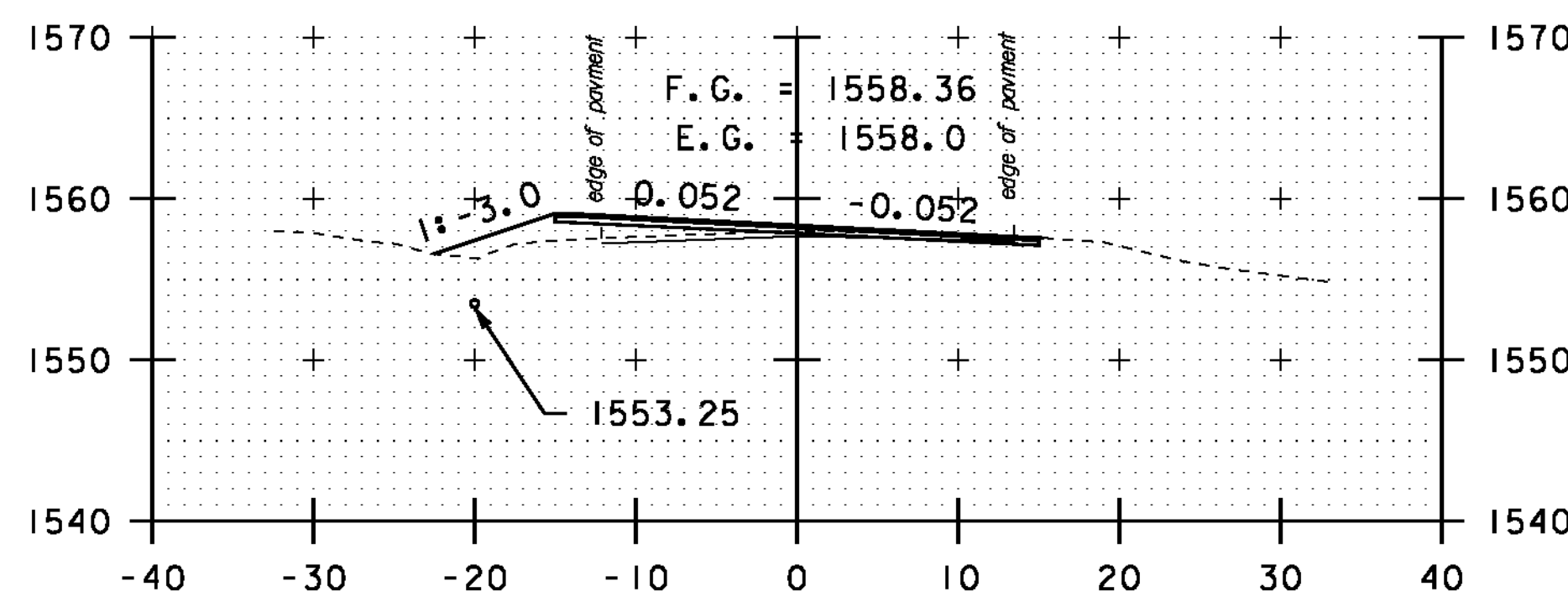
SCALE 1" = 10'-0"
10 0 10

**CROSS
SECTION
SHEET 44**

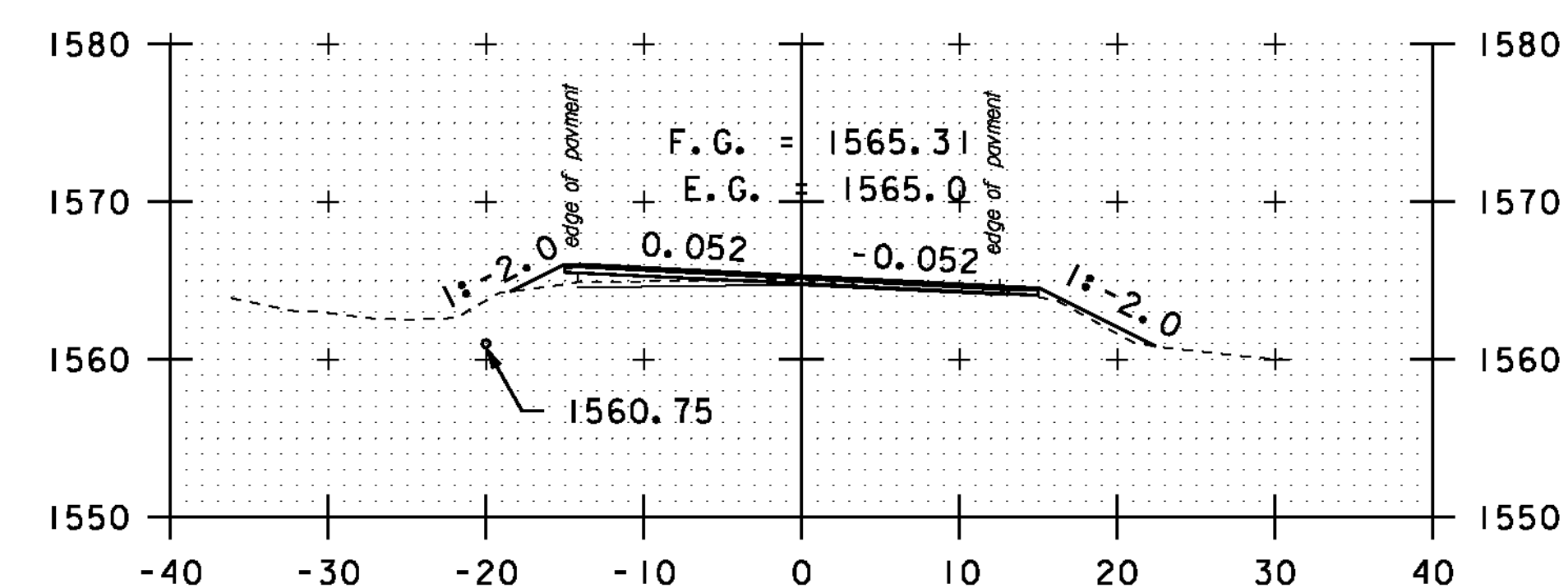
PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(I)
FILE NAME: p10CI90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10CI90_158.1
PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: CDL
SHEET 158 OF 178



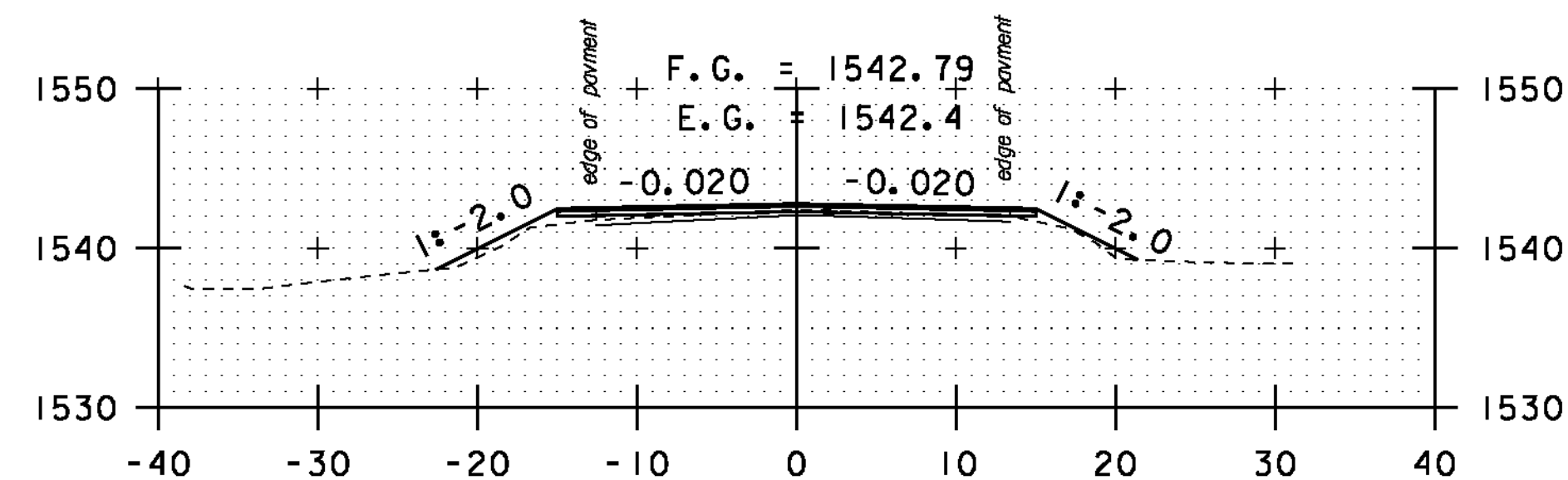
A 43+50



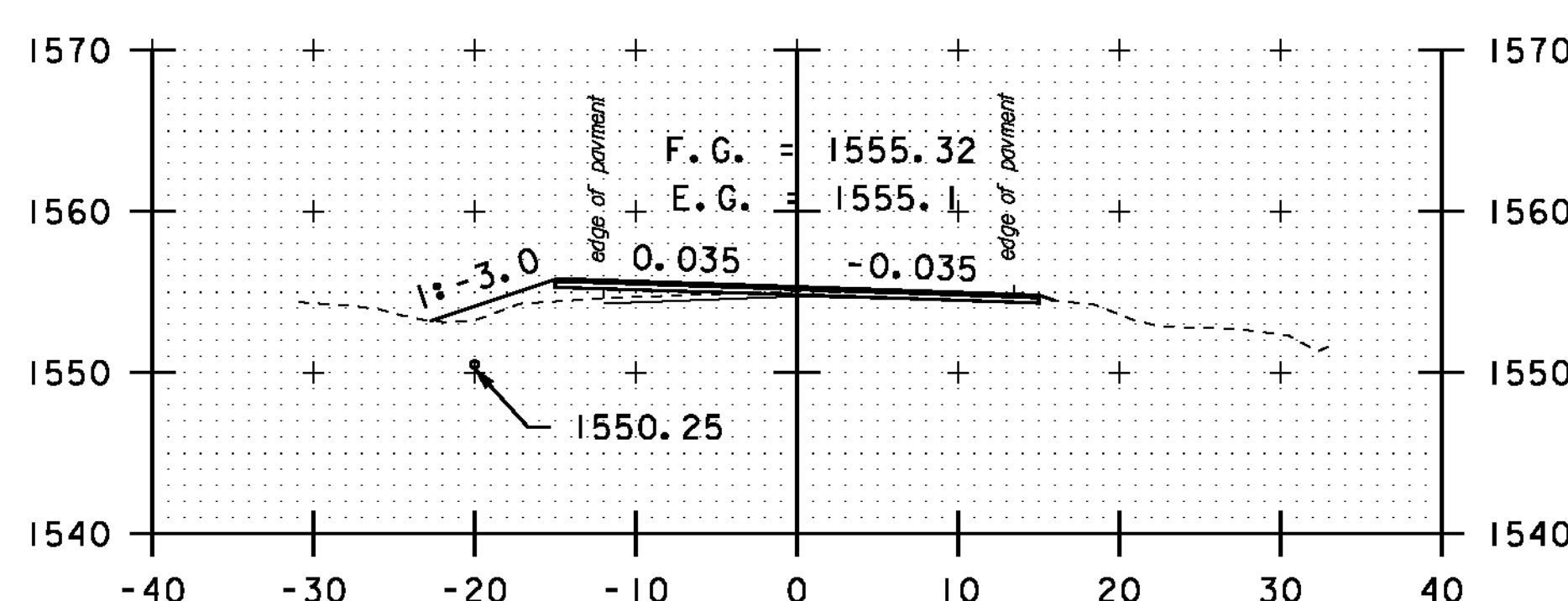
A 45+50



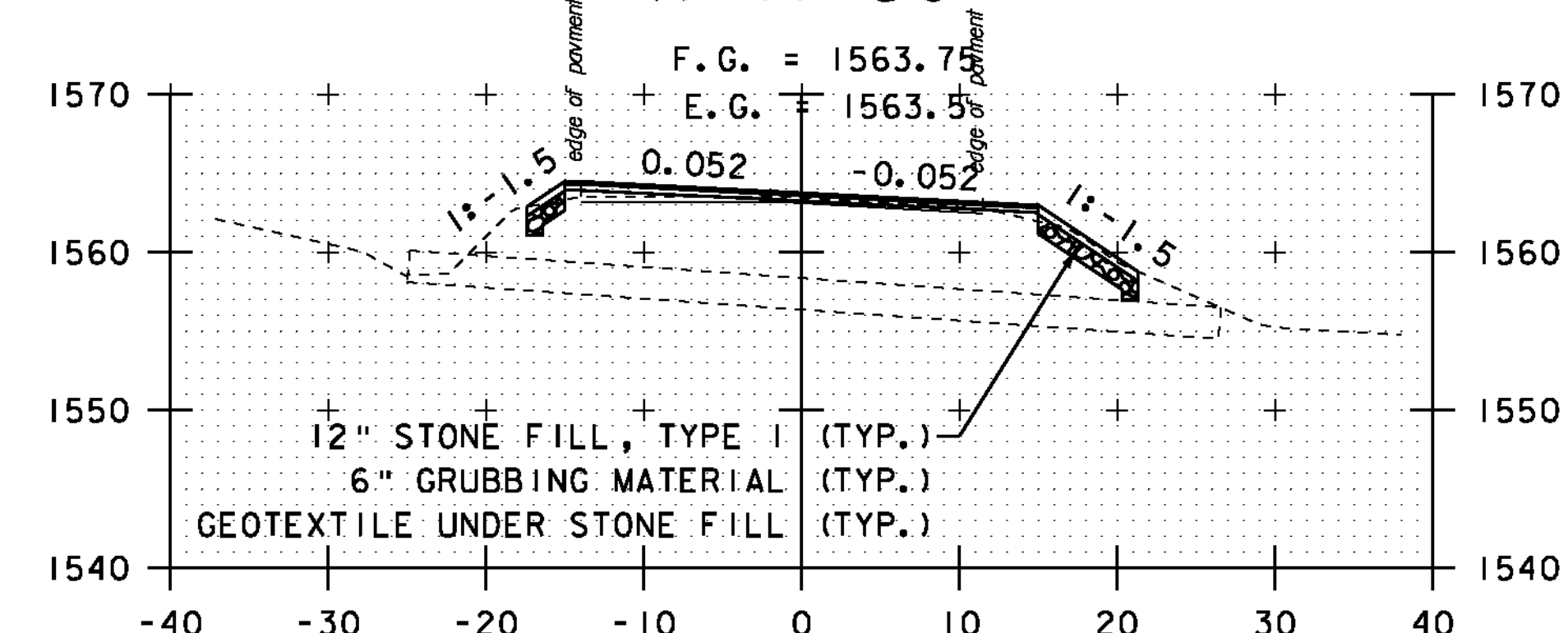
A 47+50



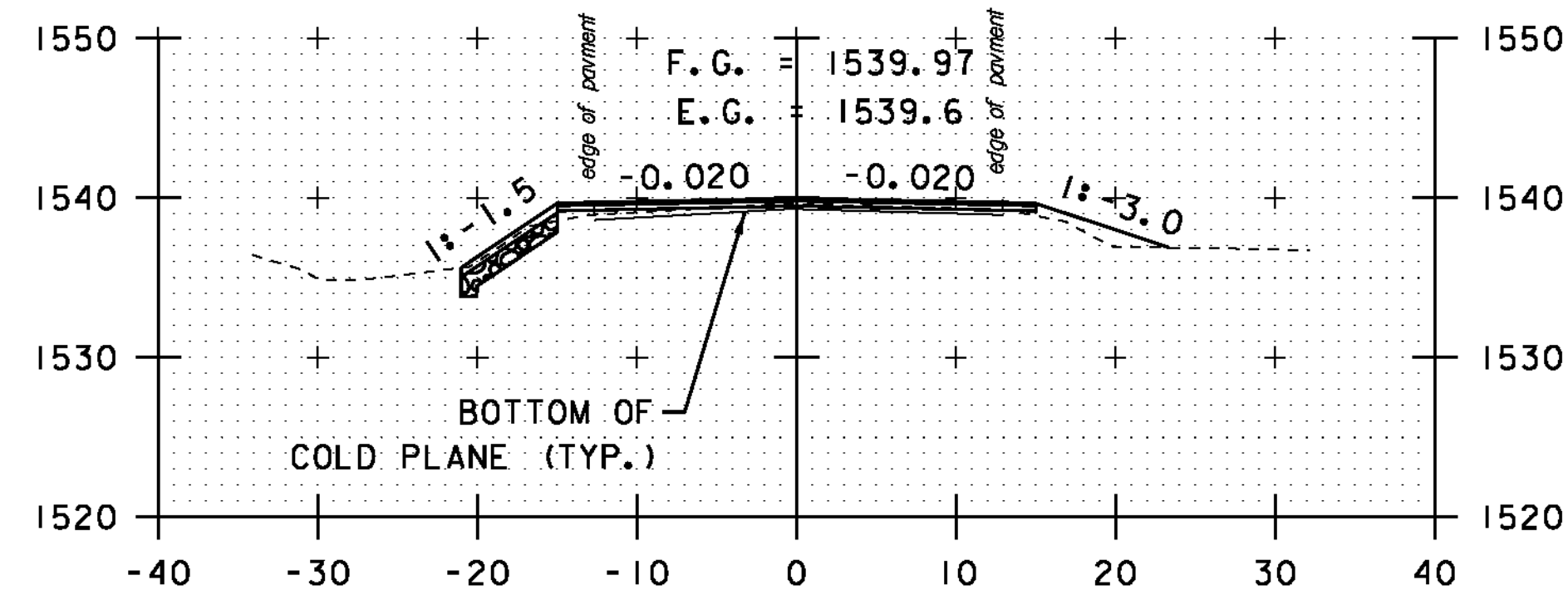
A 43+00



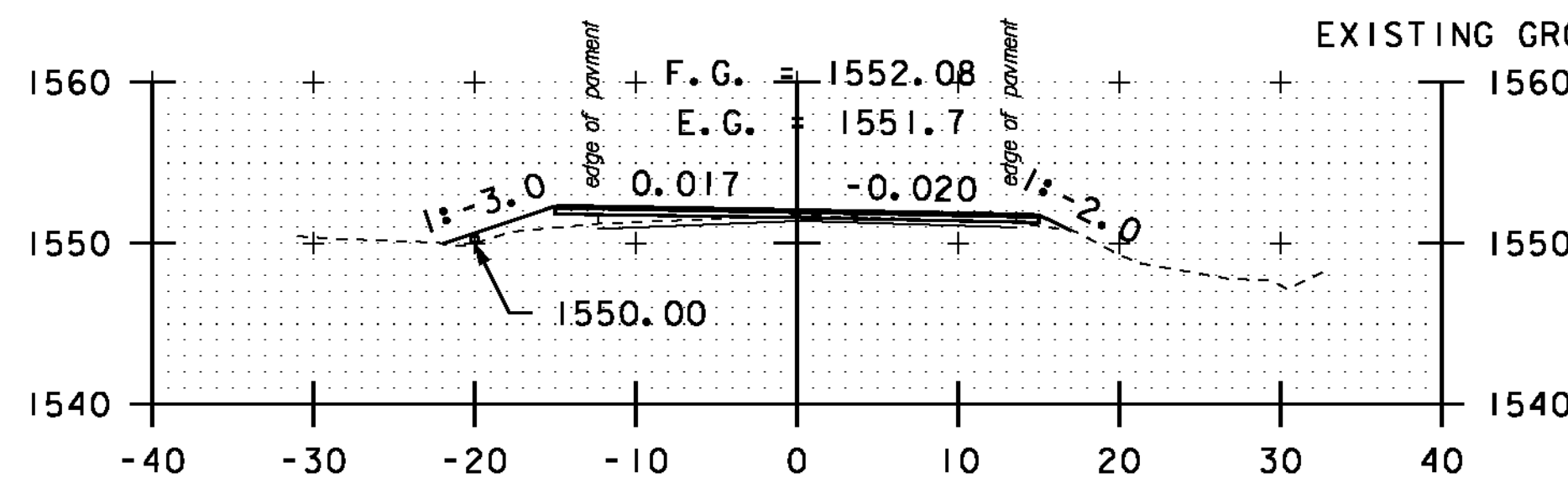
A 45+00



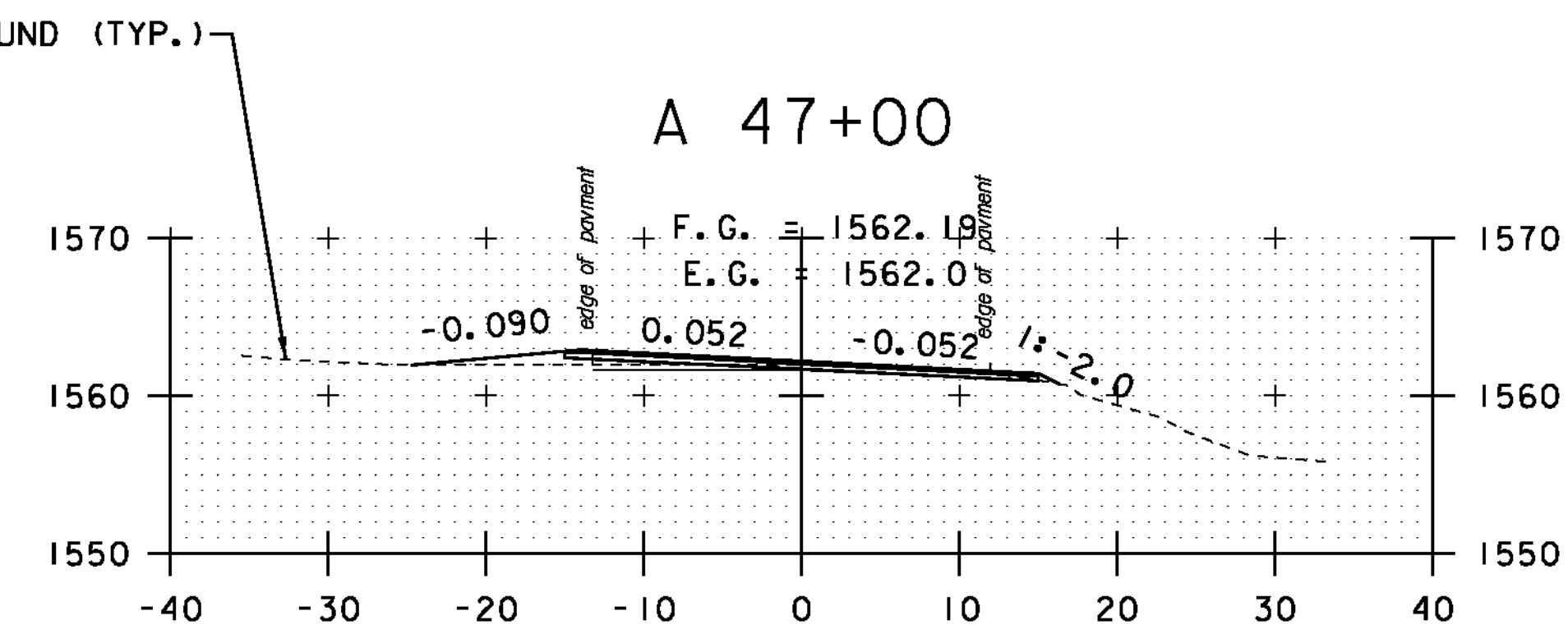
A 47+00



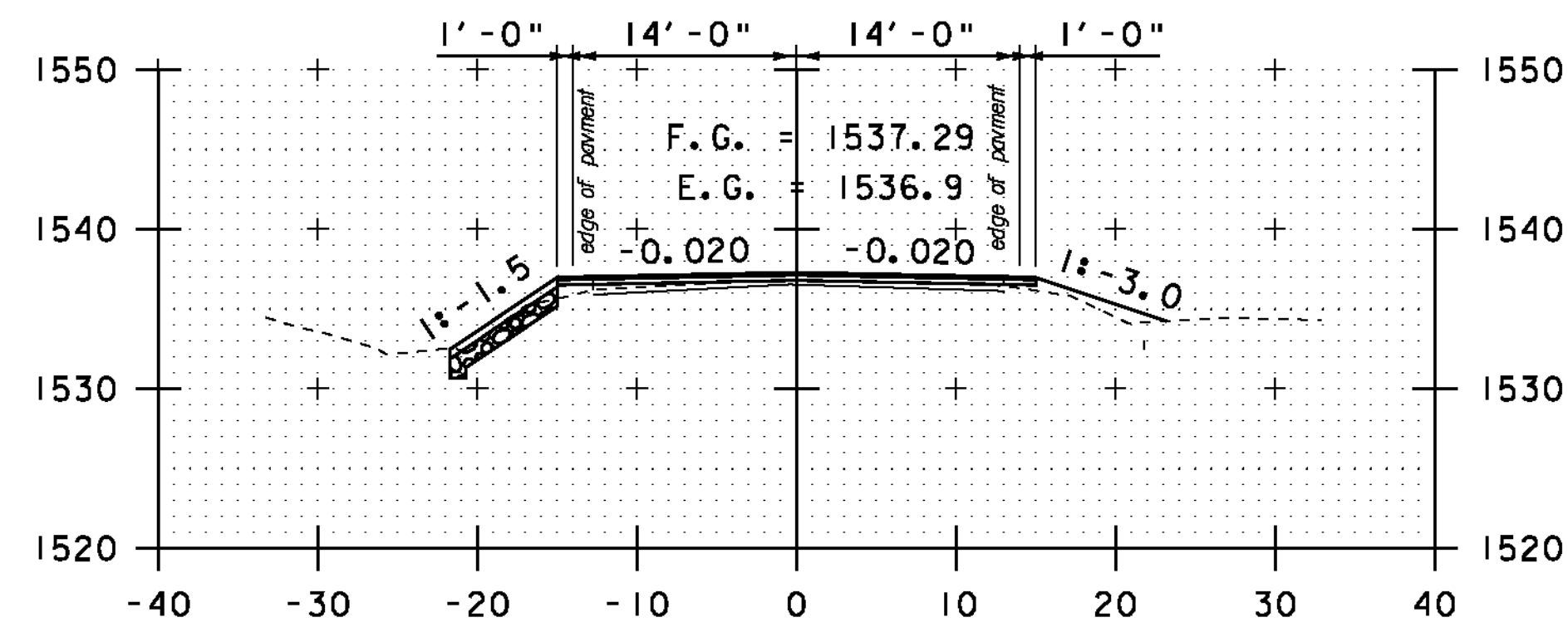
A 42+50



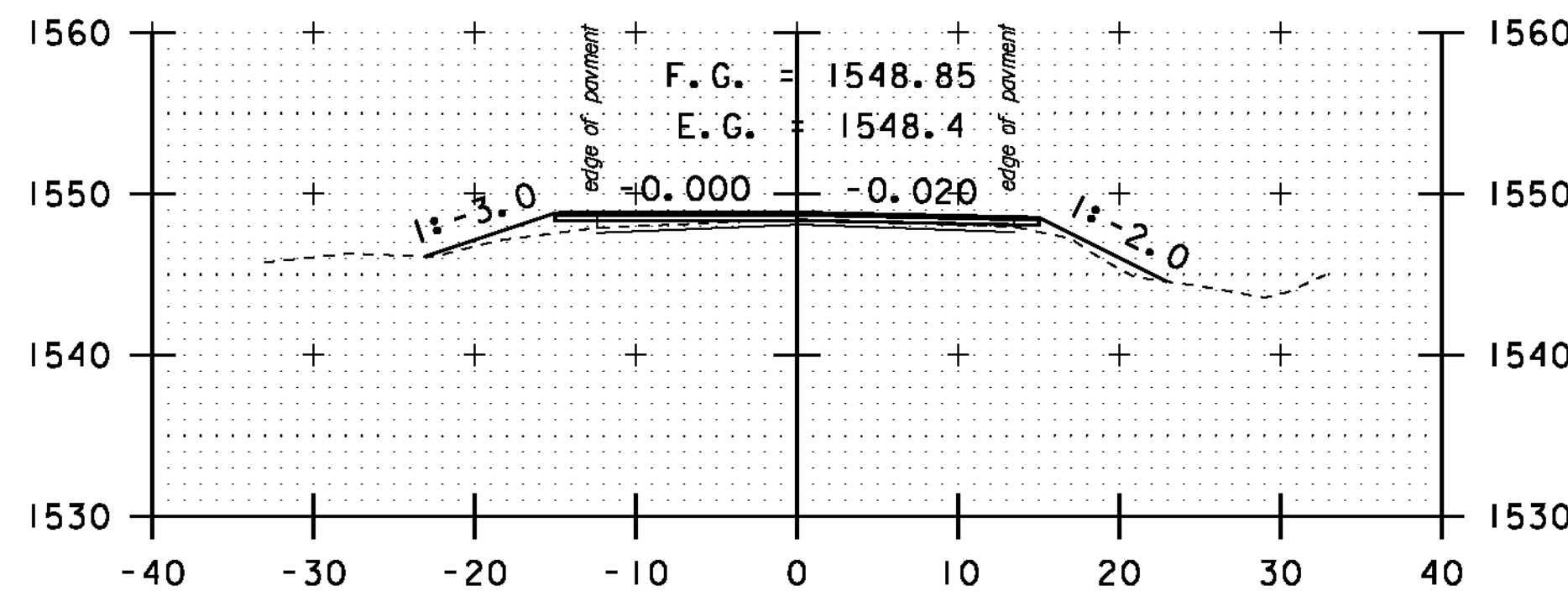
A 44+50



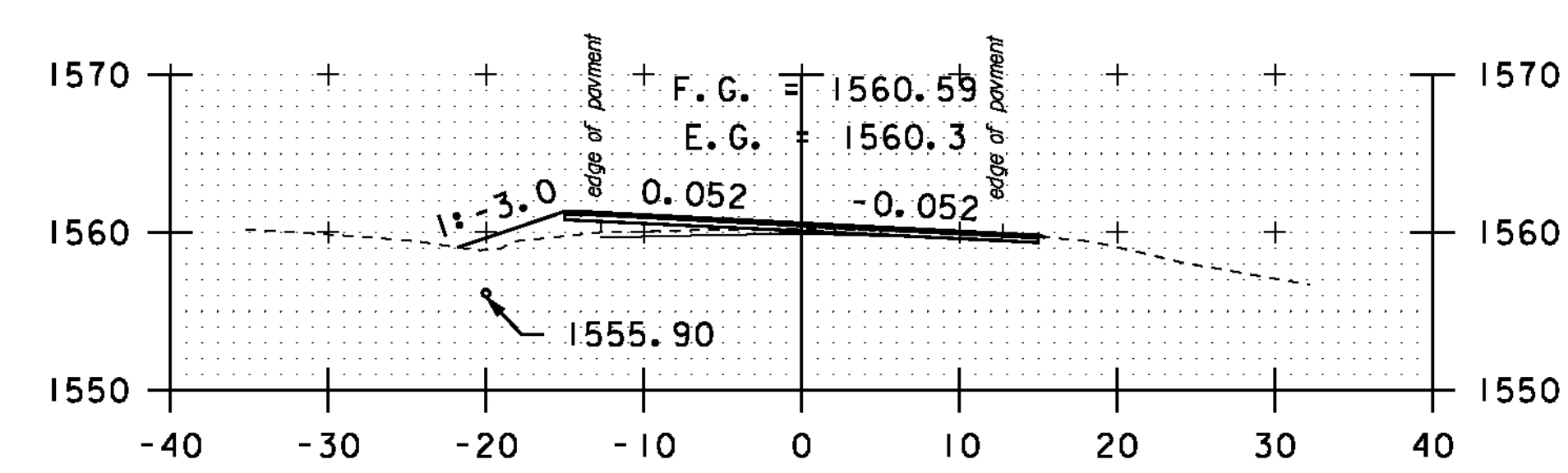
DRIVE LT
A 46+50



A 42+00



A 44+00



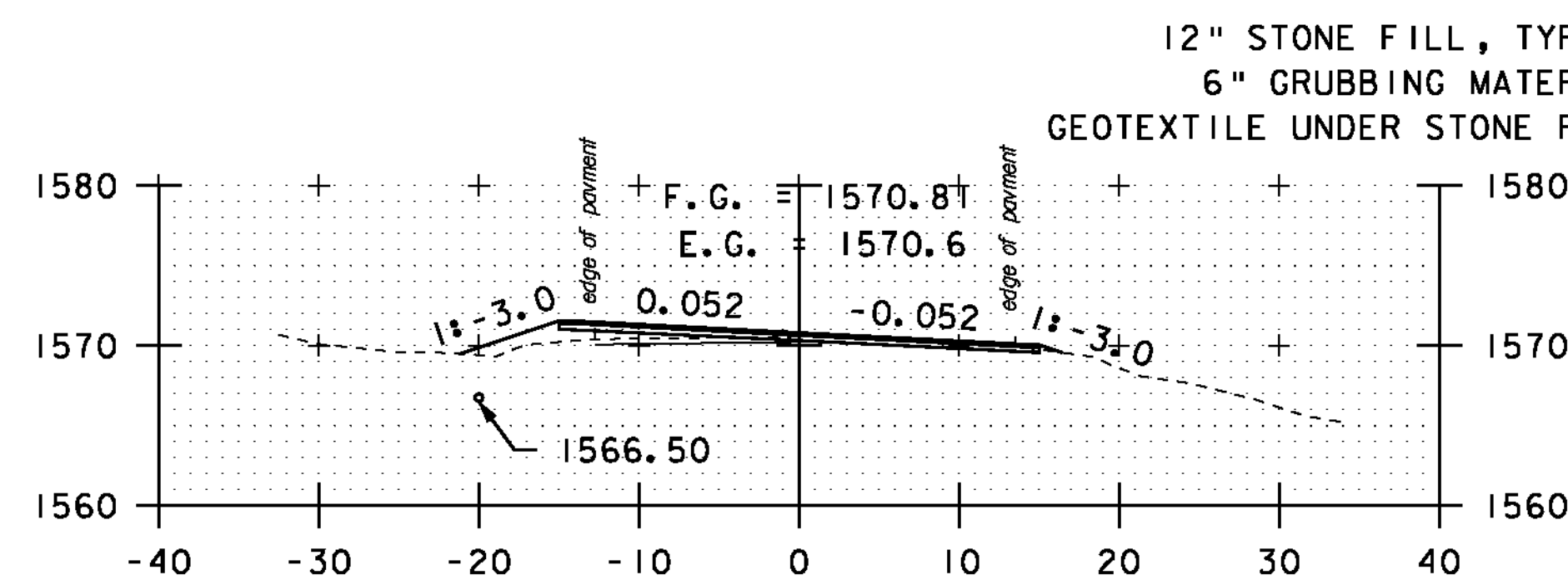
A 46+00

STA. A 42+00 TO STA. A 47+50

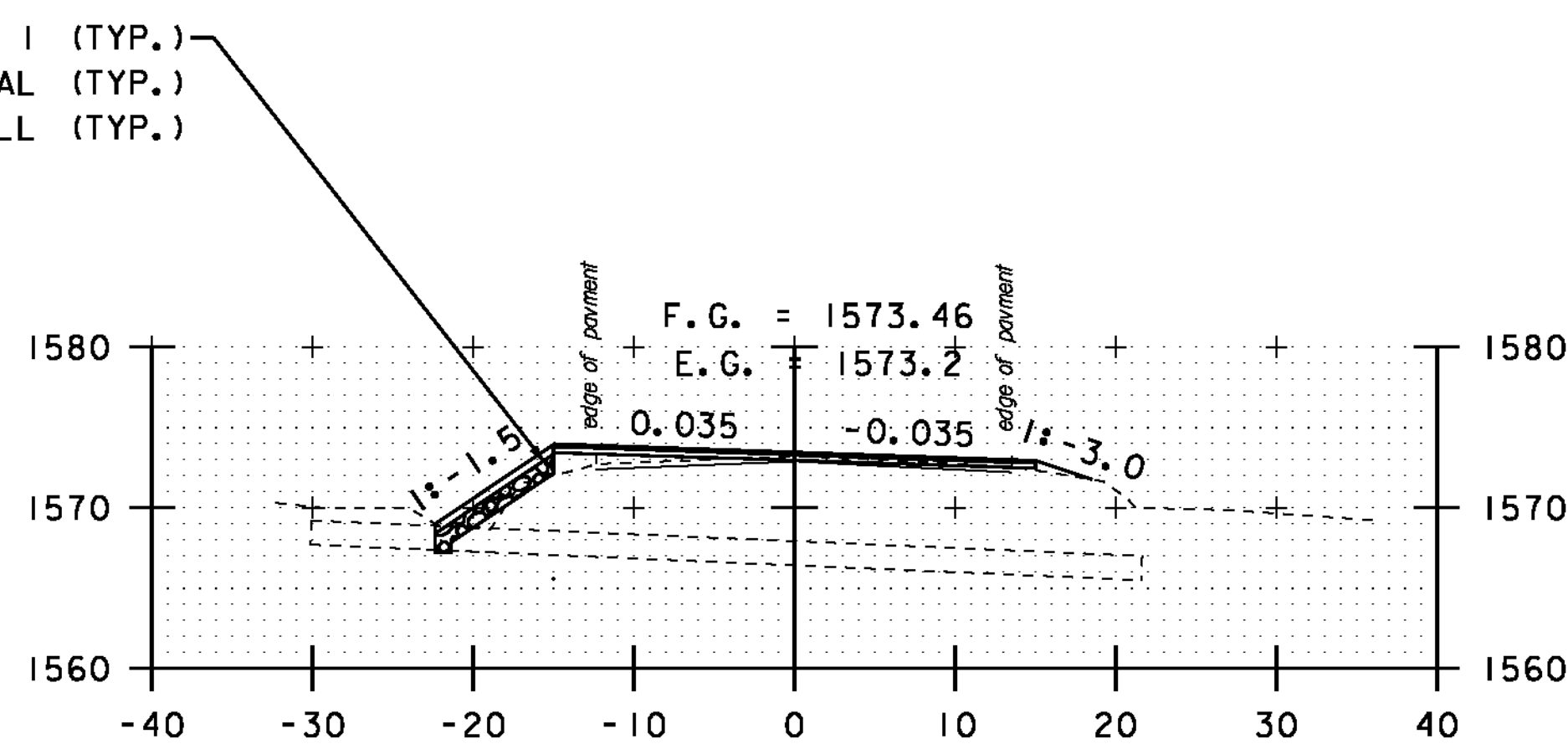
SCALE 1" = 10'-0"

**CROSS
SECTION
SHEET 45**

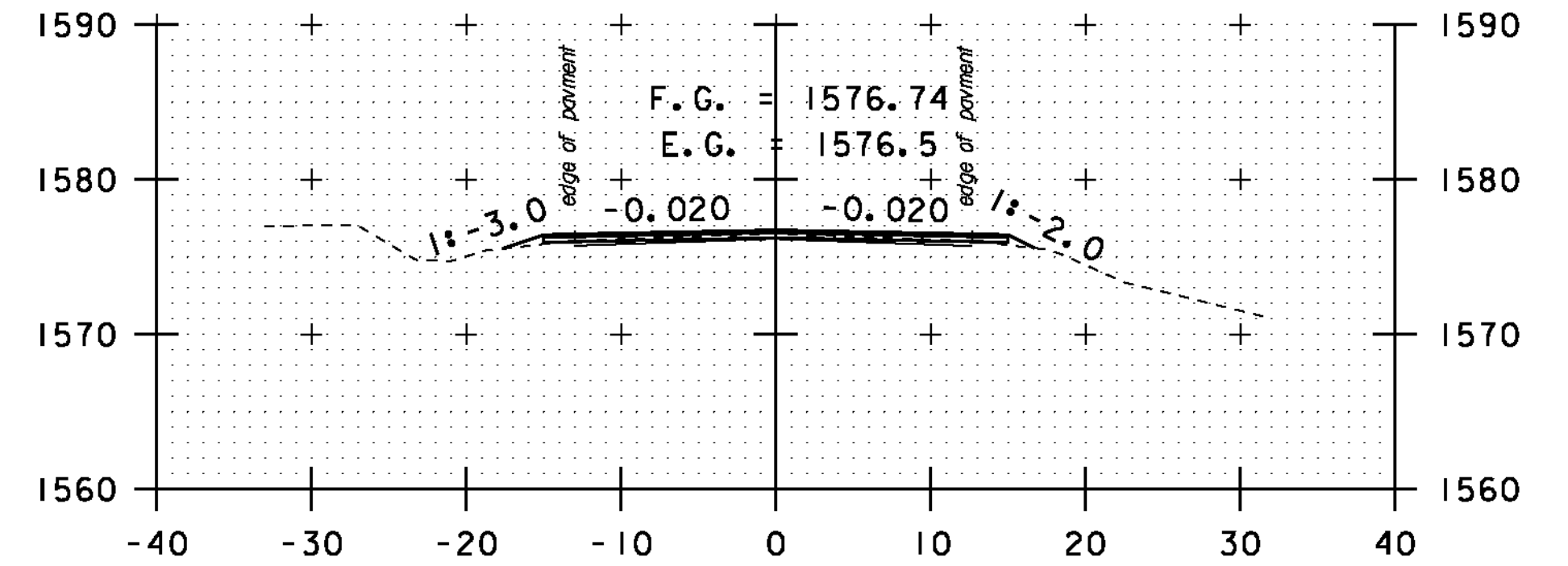
PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(I)
FILE NAME: p10CI90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10CI90_159.I
PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: CDL
SHEET 159 OF 178



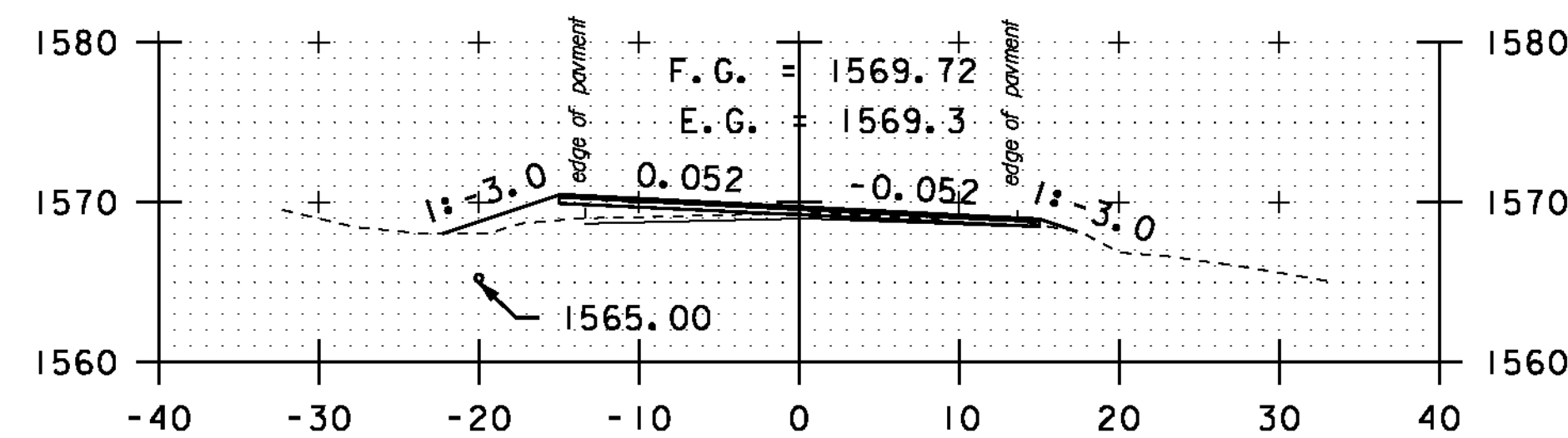
A 49+50



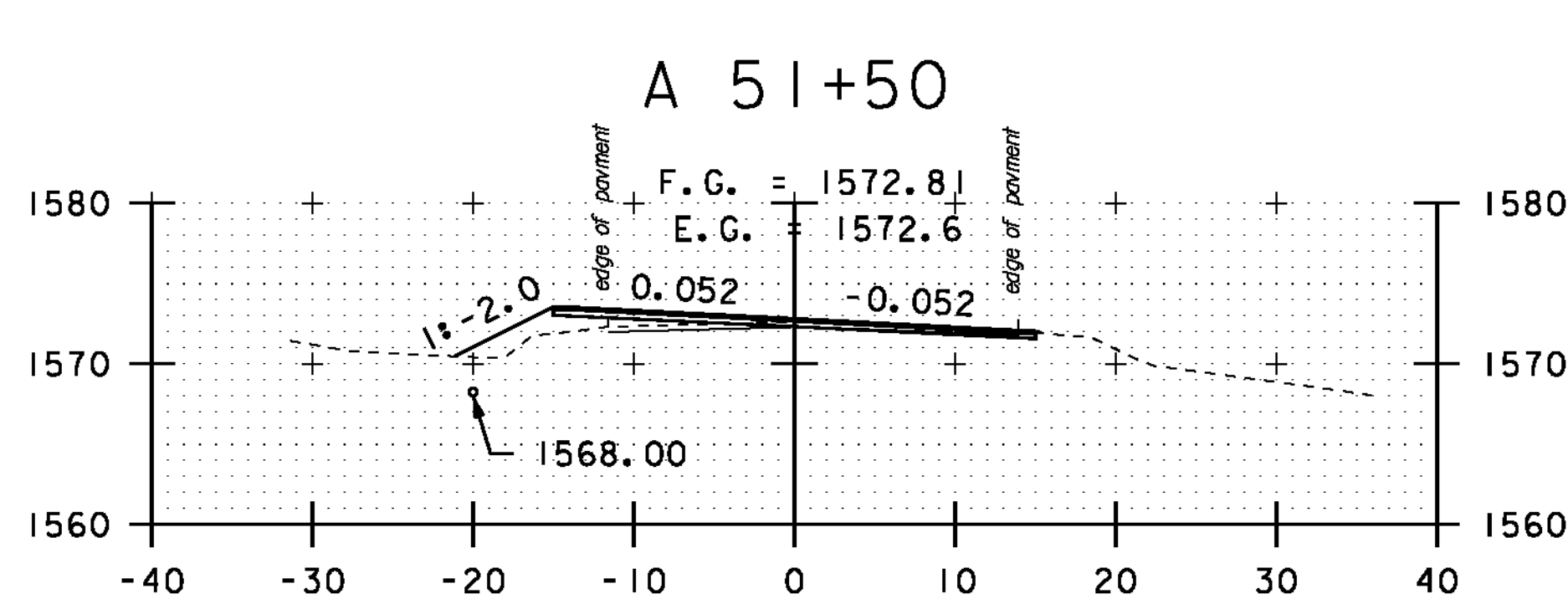
A 51+50



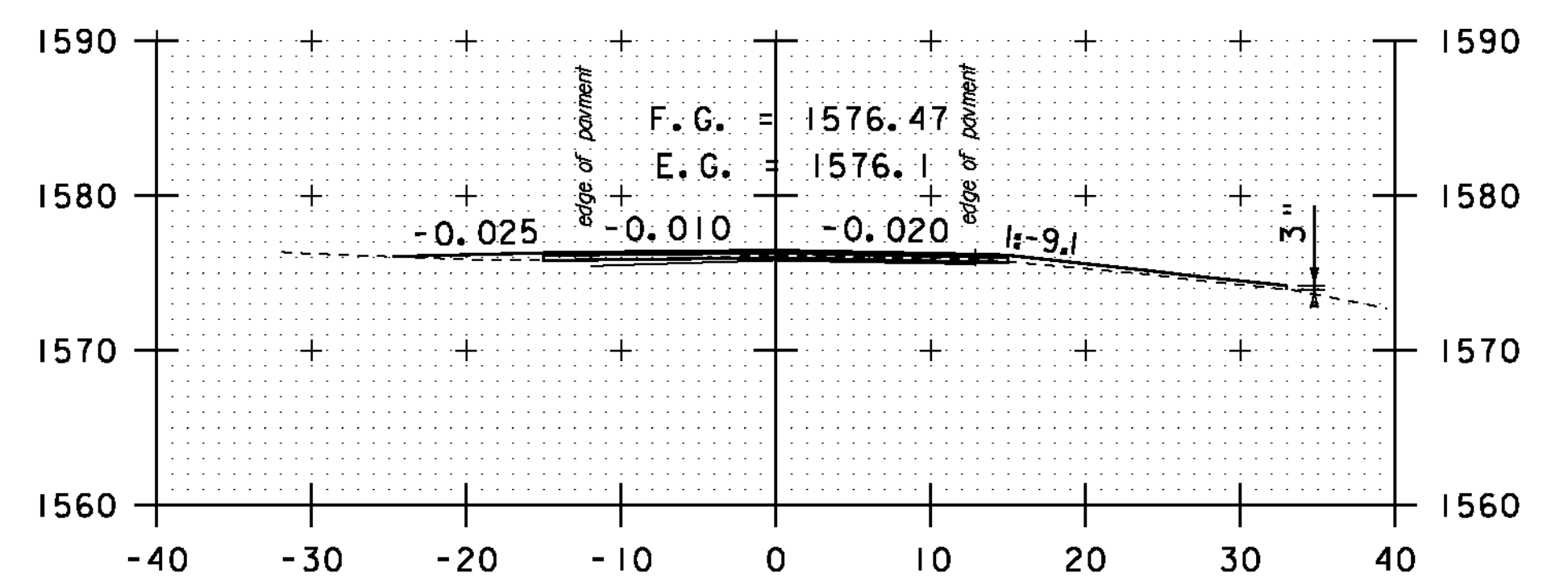
A 53+50



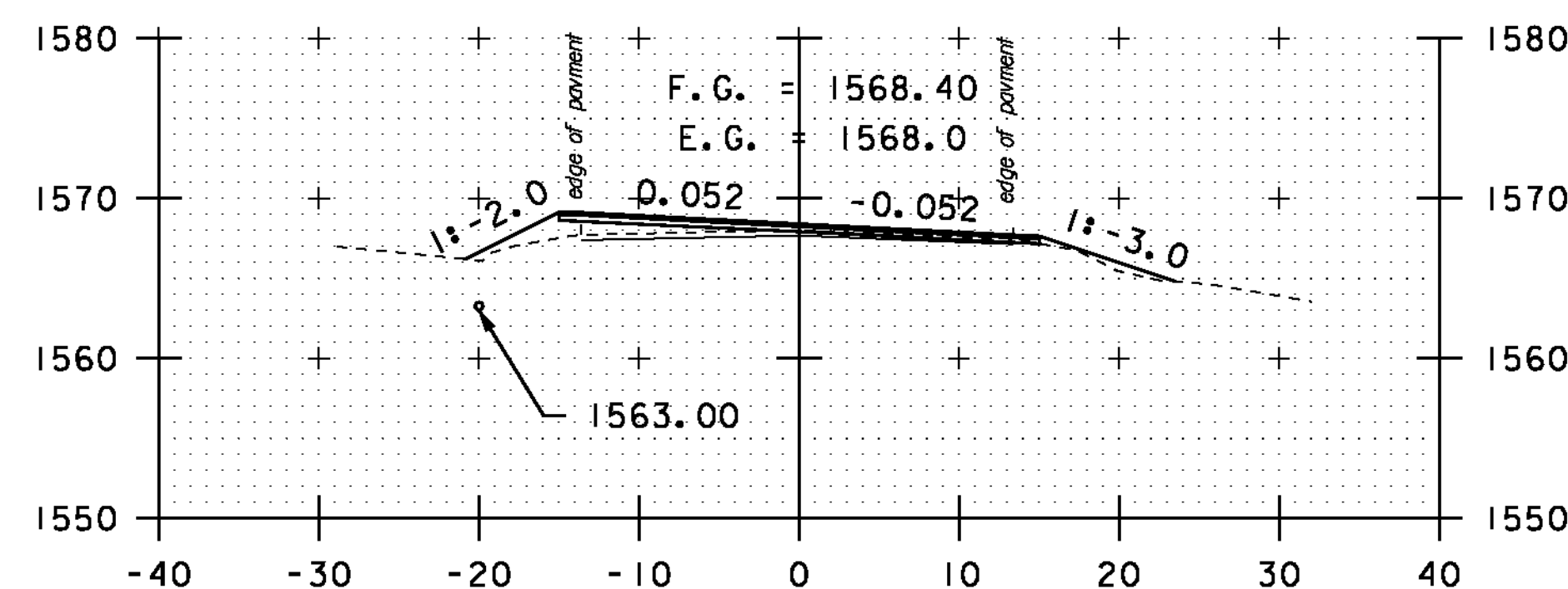
A 49+00



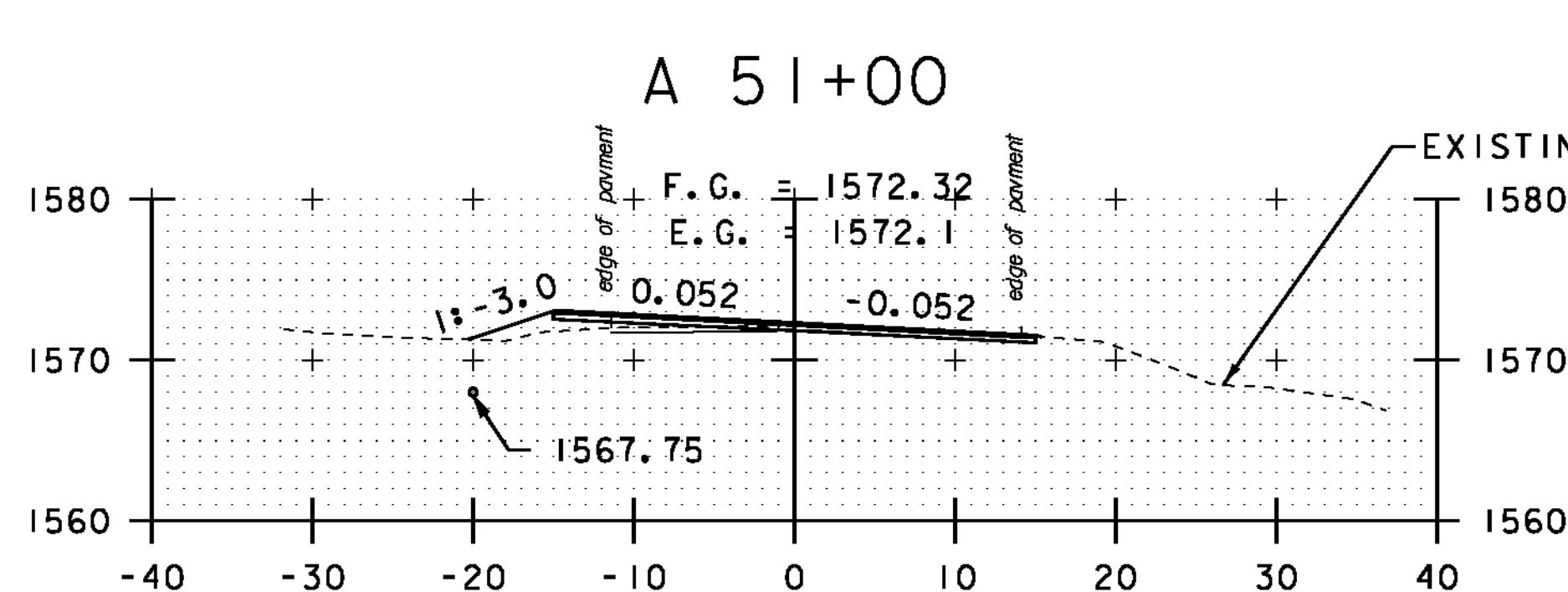
A 51+00



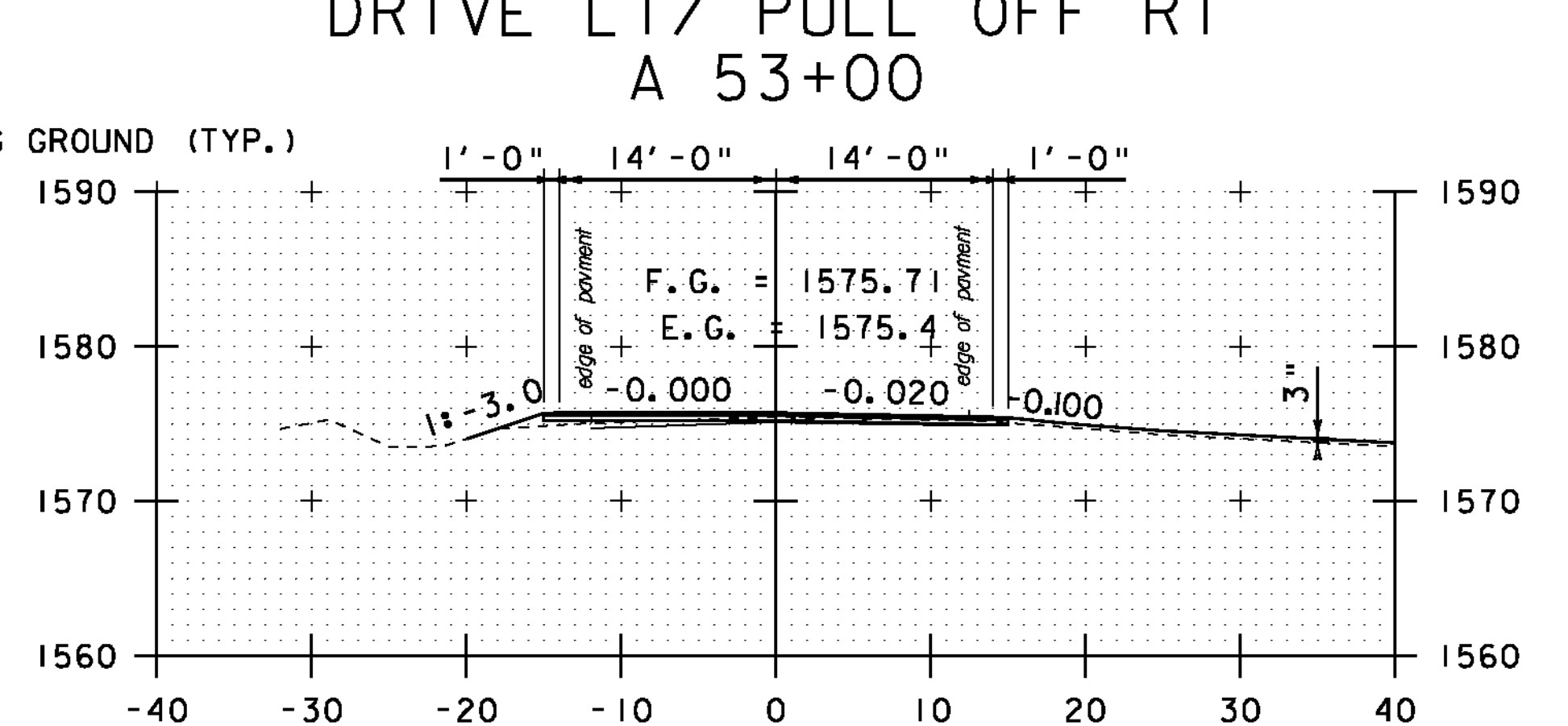
DRIVE LT/ PULL OFF RT
A 53+00



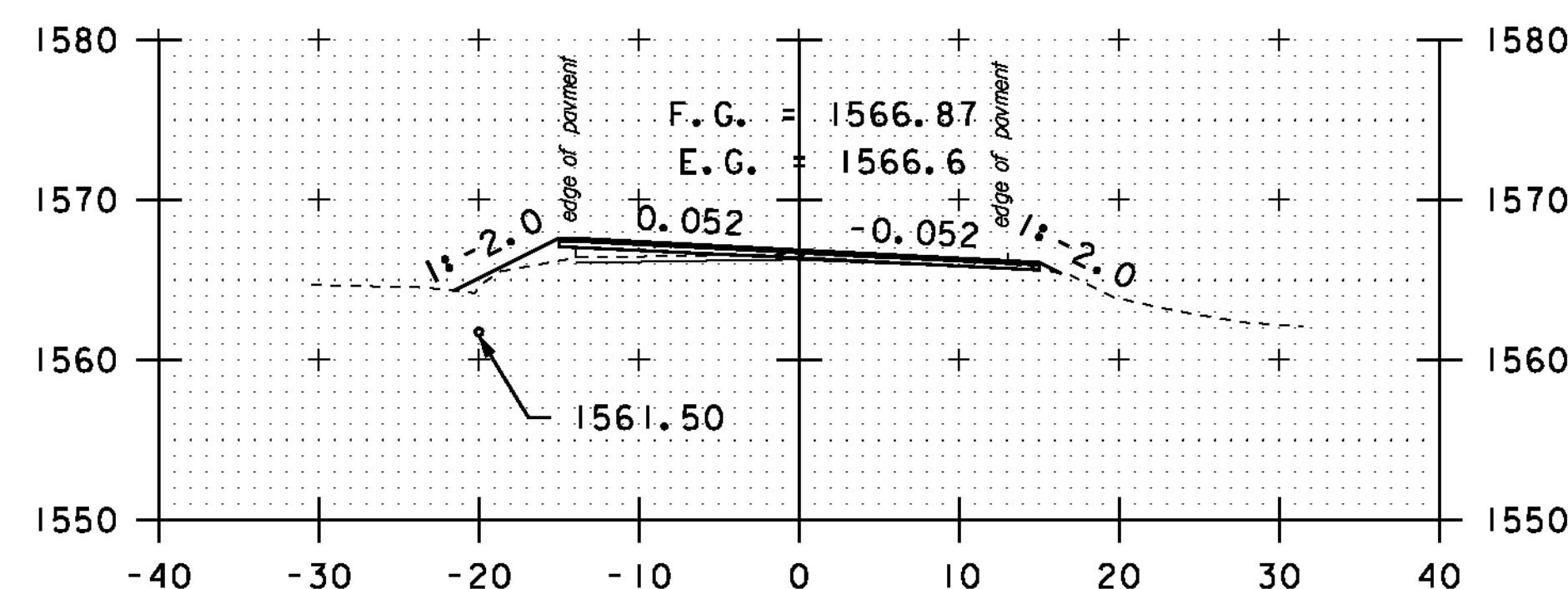
A 48+50



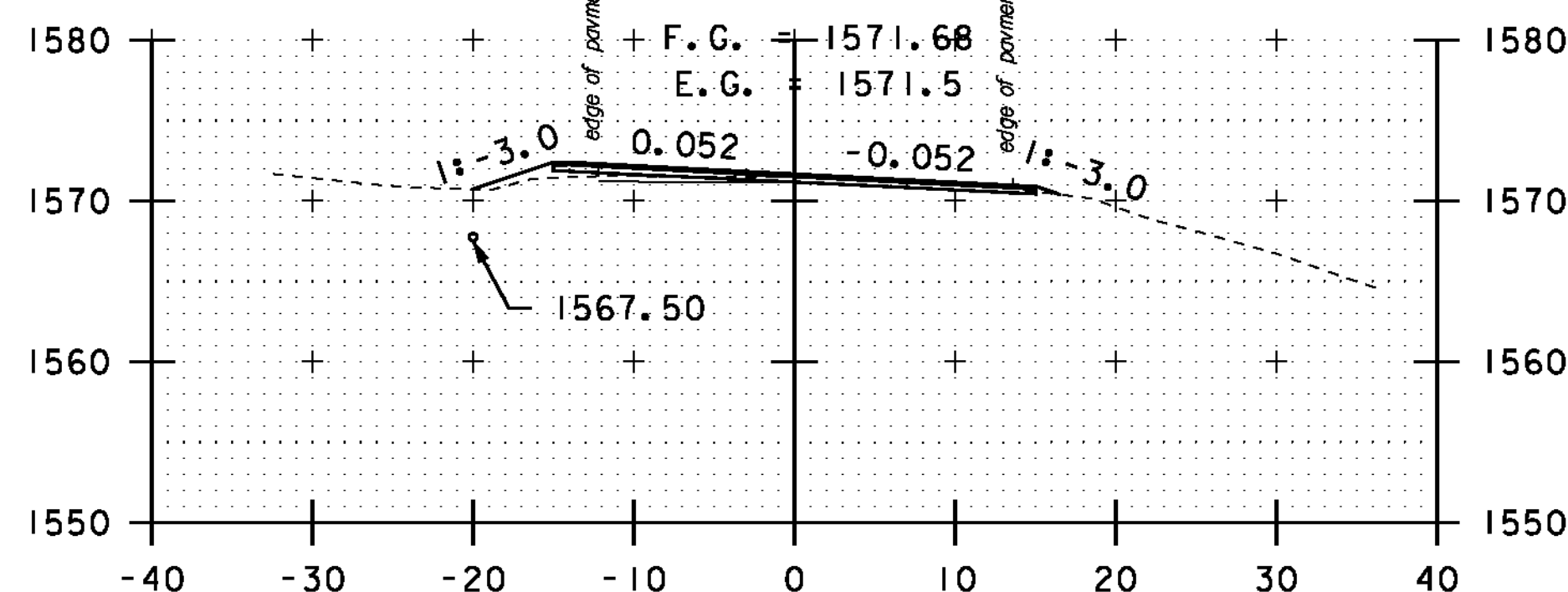
A 50+50



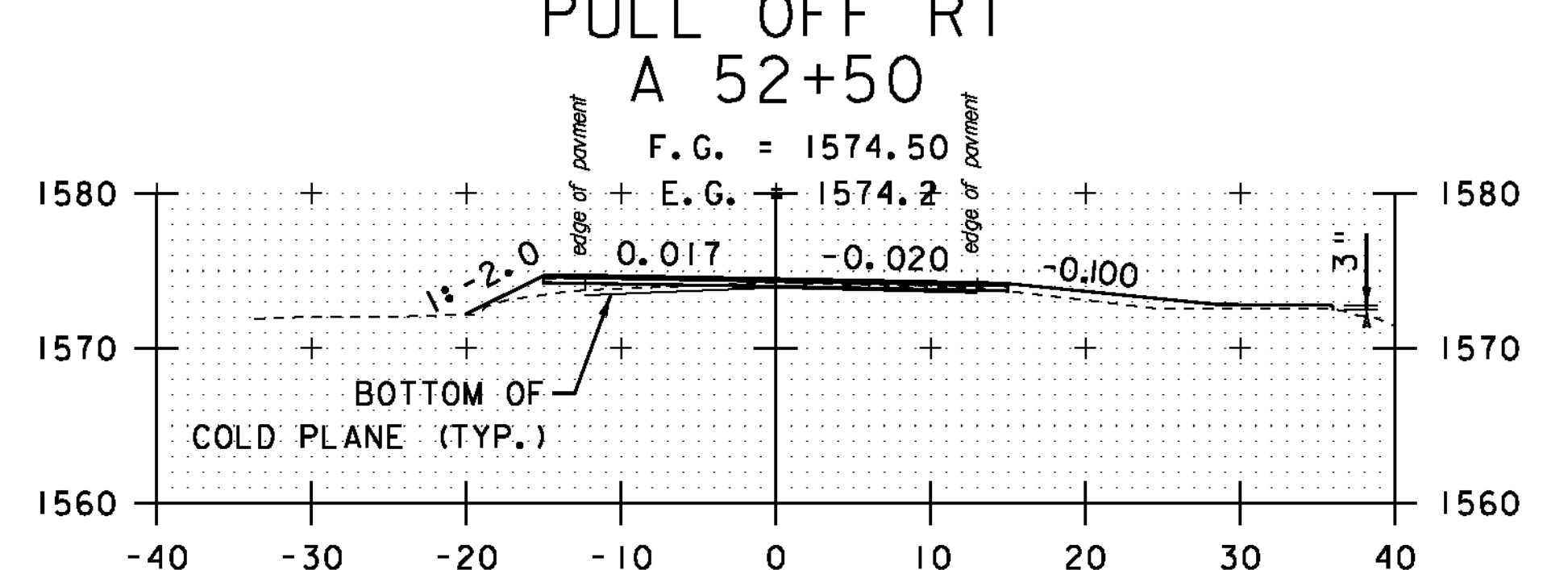
PULL OFF RT
A 52+50



A 48+00



A 50+00



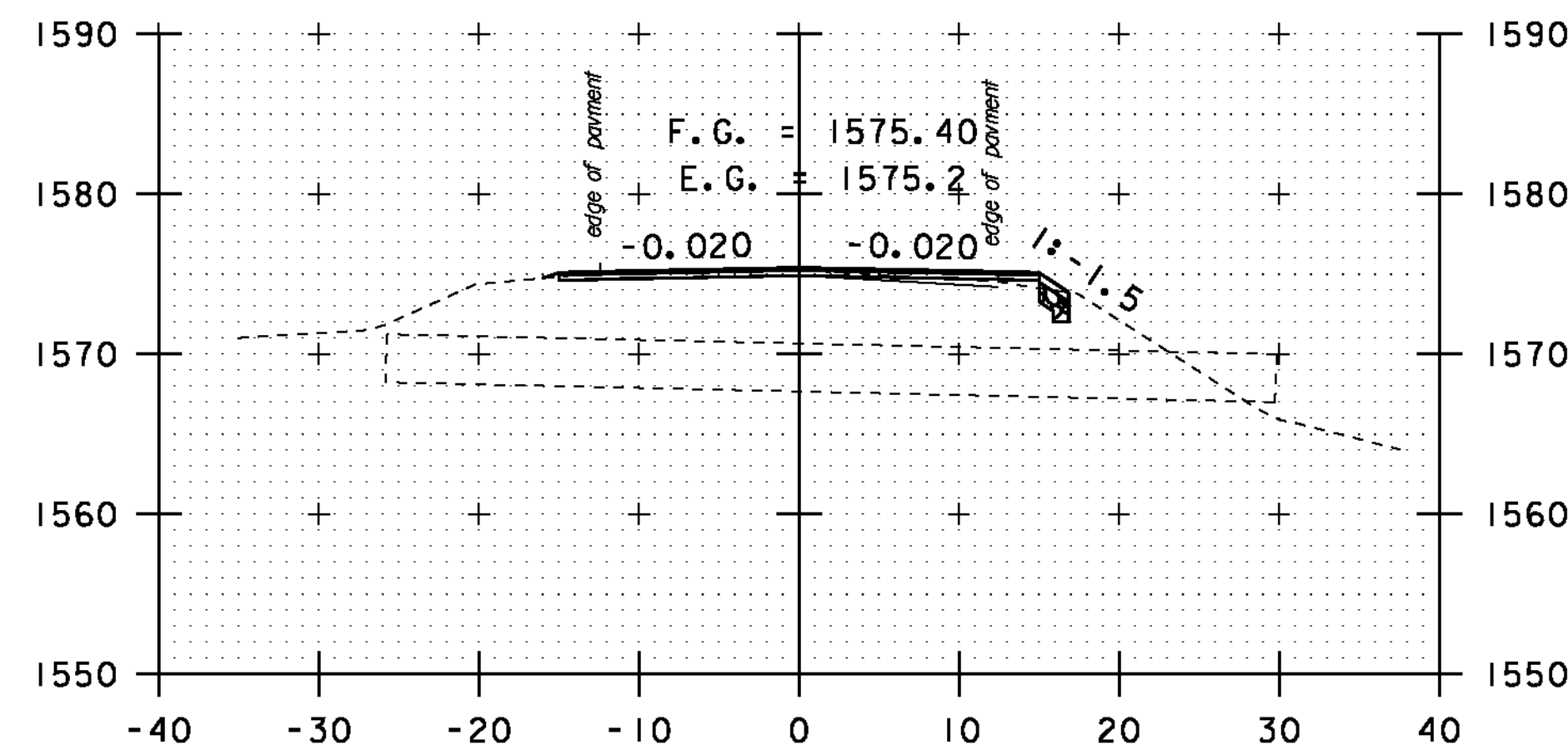
PULL OFF RT
A 52+00

STA. A 48+00 TO STA. A 53+50

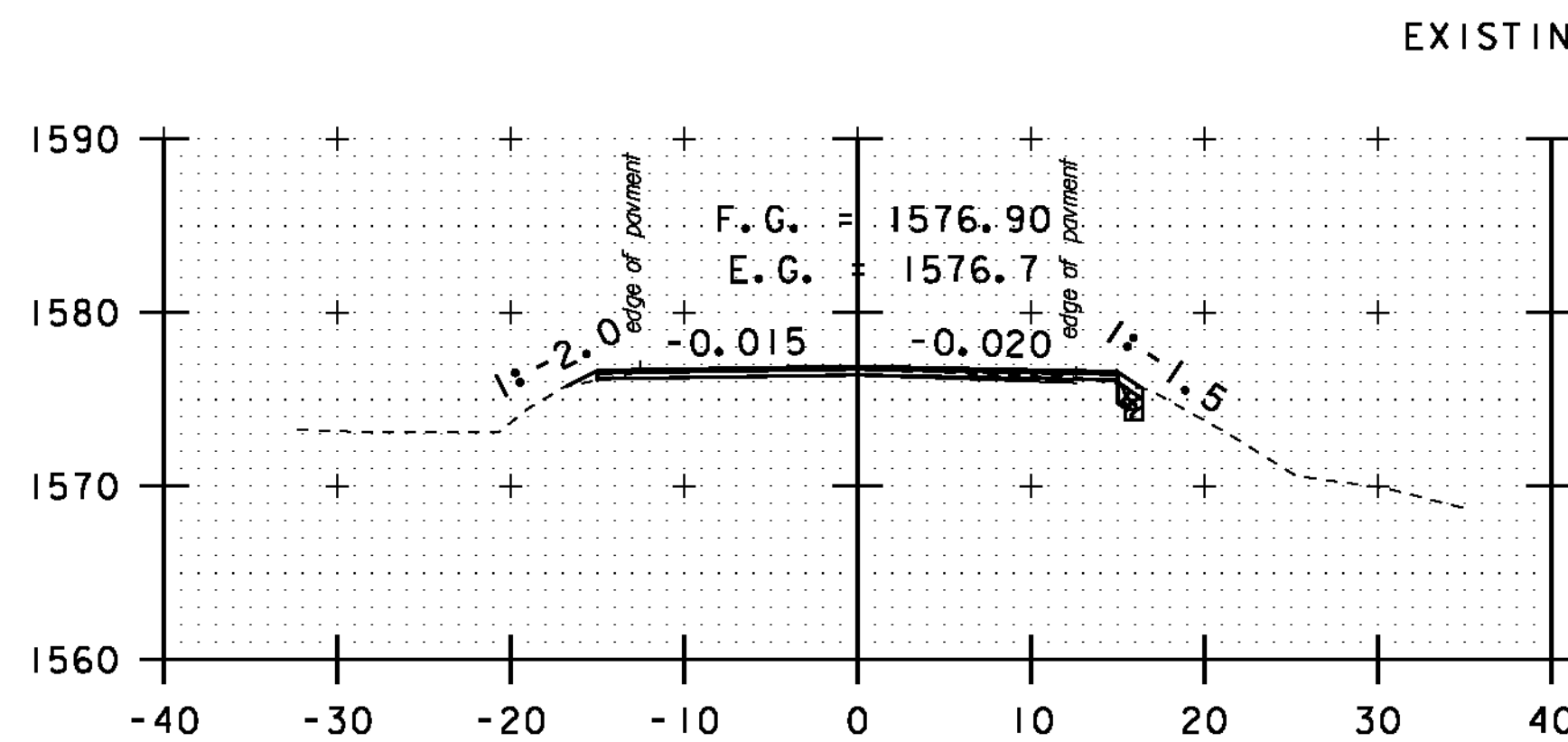
SCALE 1" = 10'-0"

**CROSS
SECTION
SHEET 46**

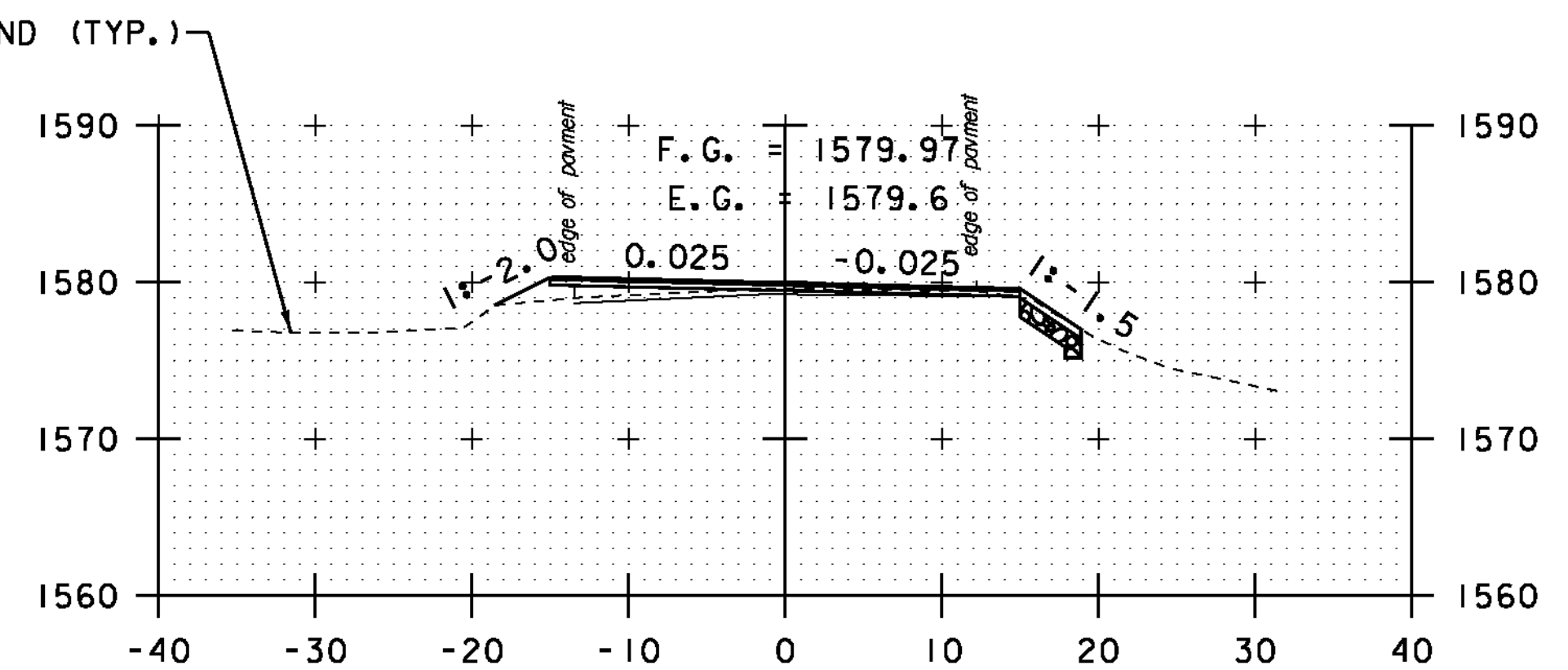
PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(1)
FILE NAME: p10CI90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10CI90_160.1
PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: CDL
SHEET 160 OF 178



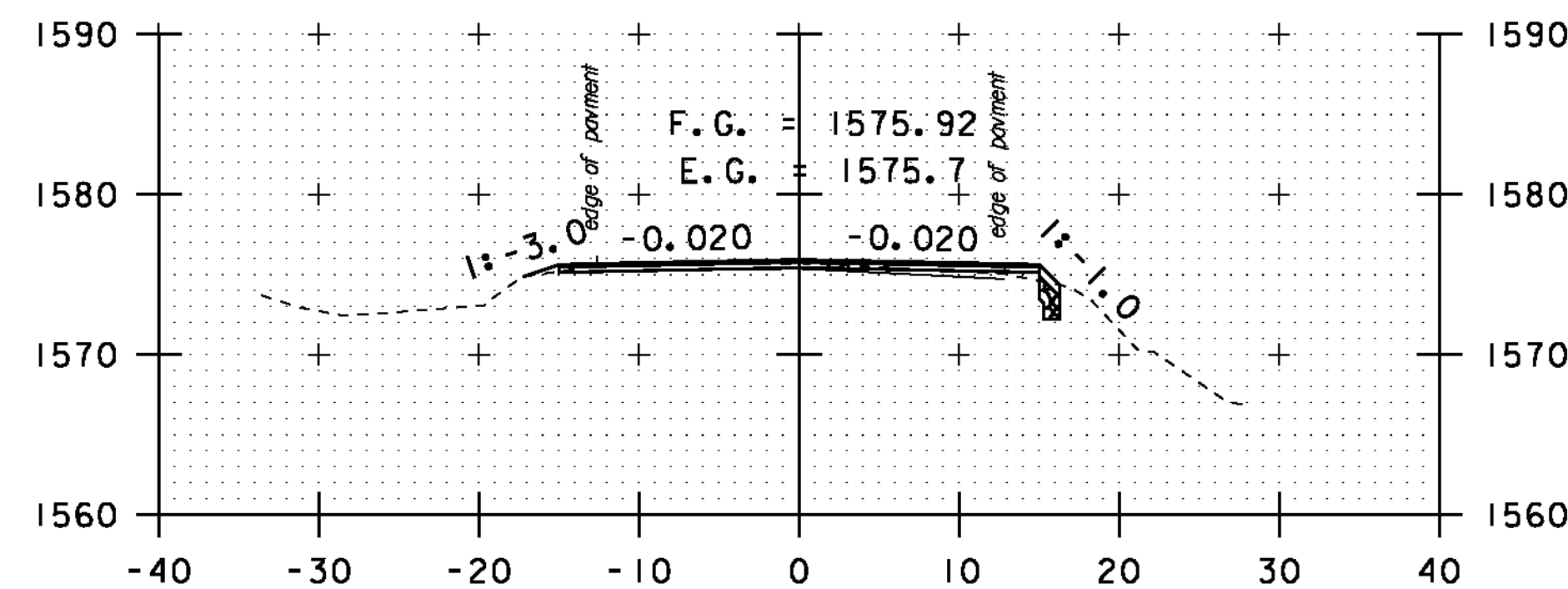
A 55+00



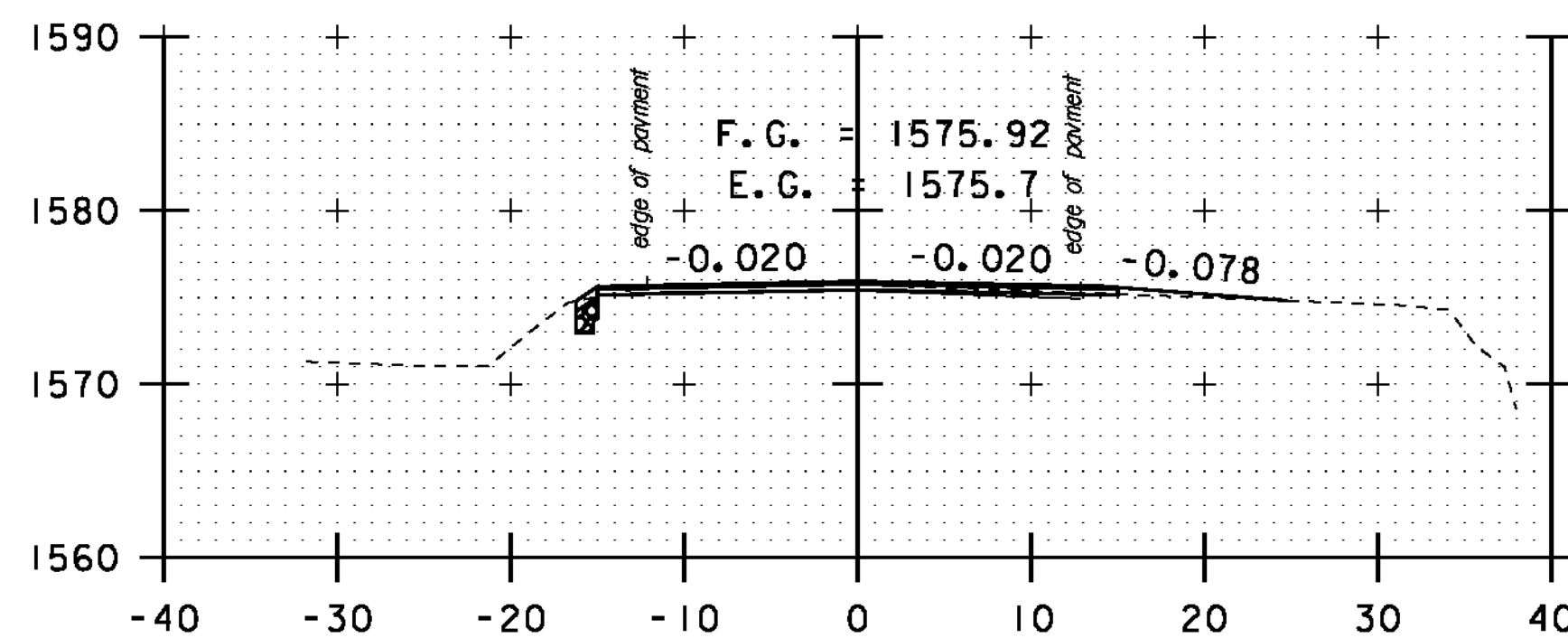
A 56+50



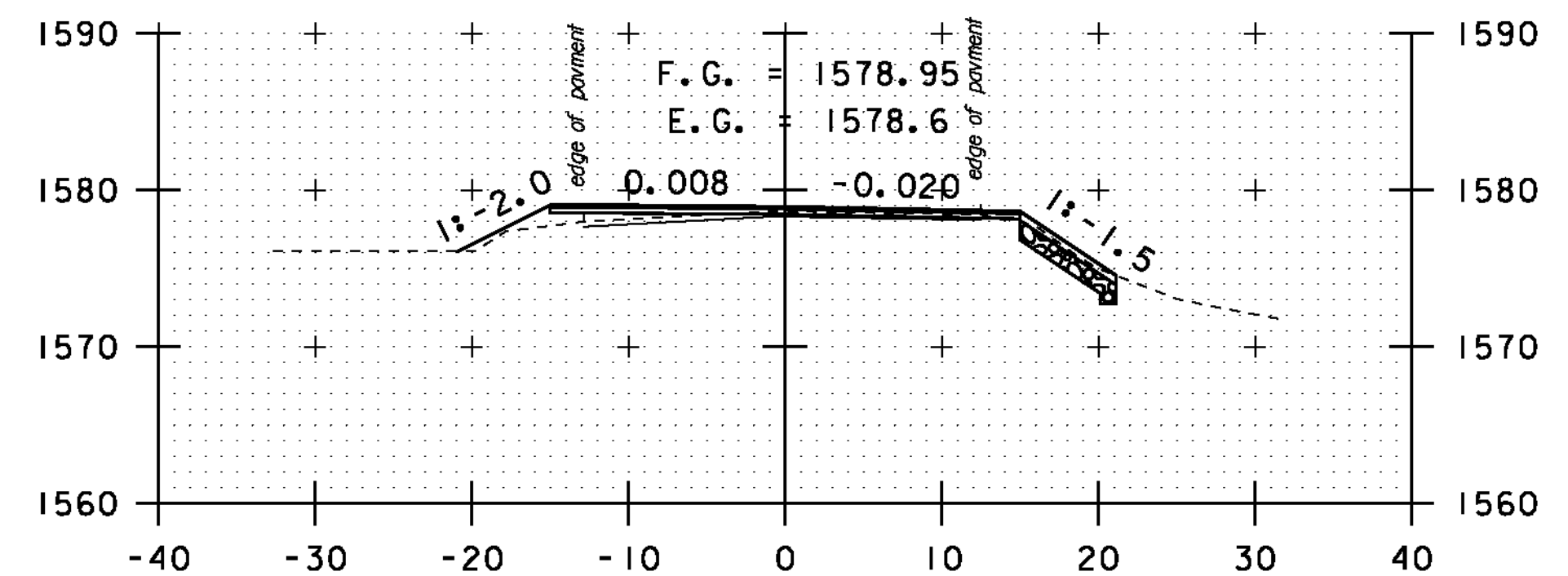
A 58+00



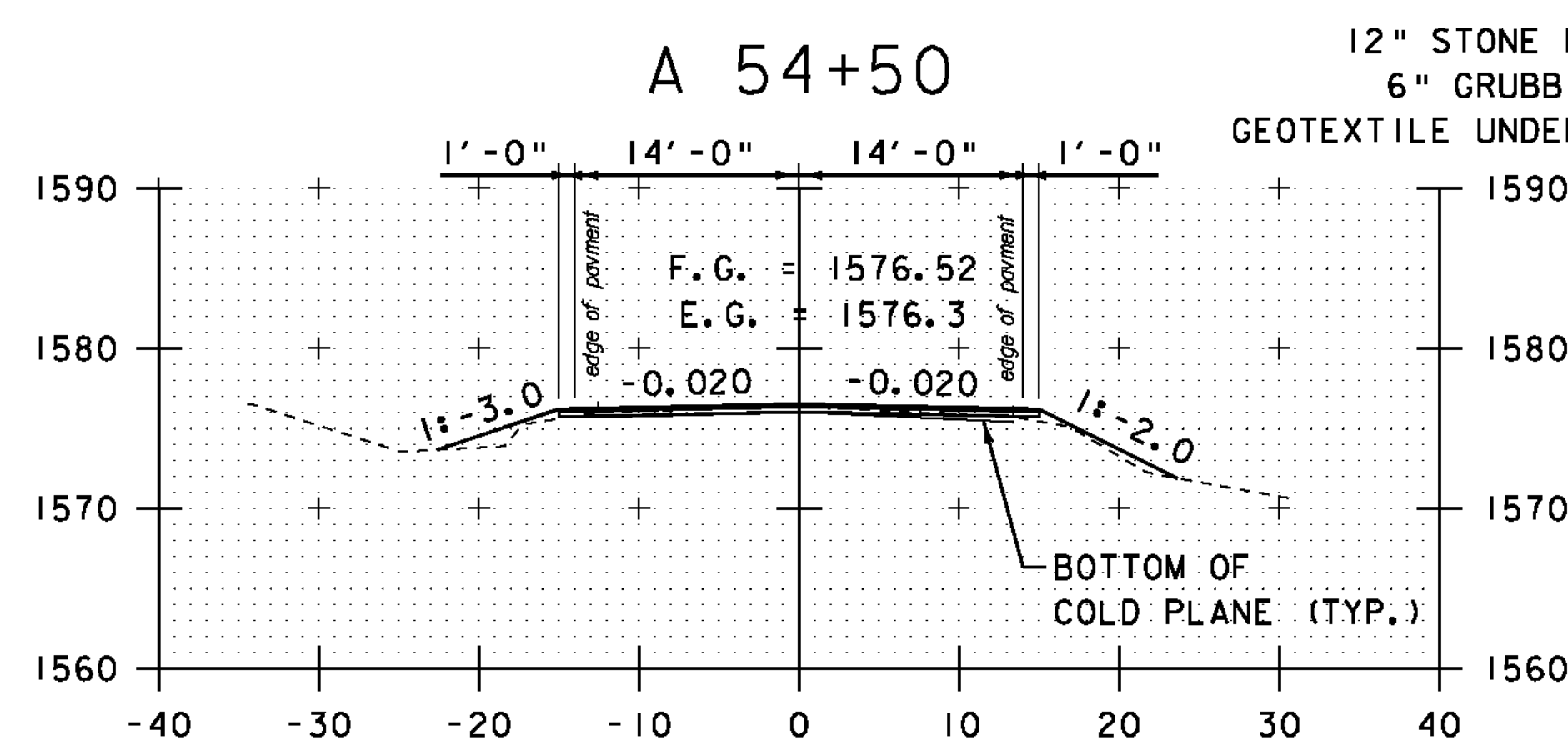
A 54+50



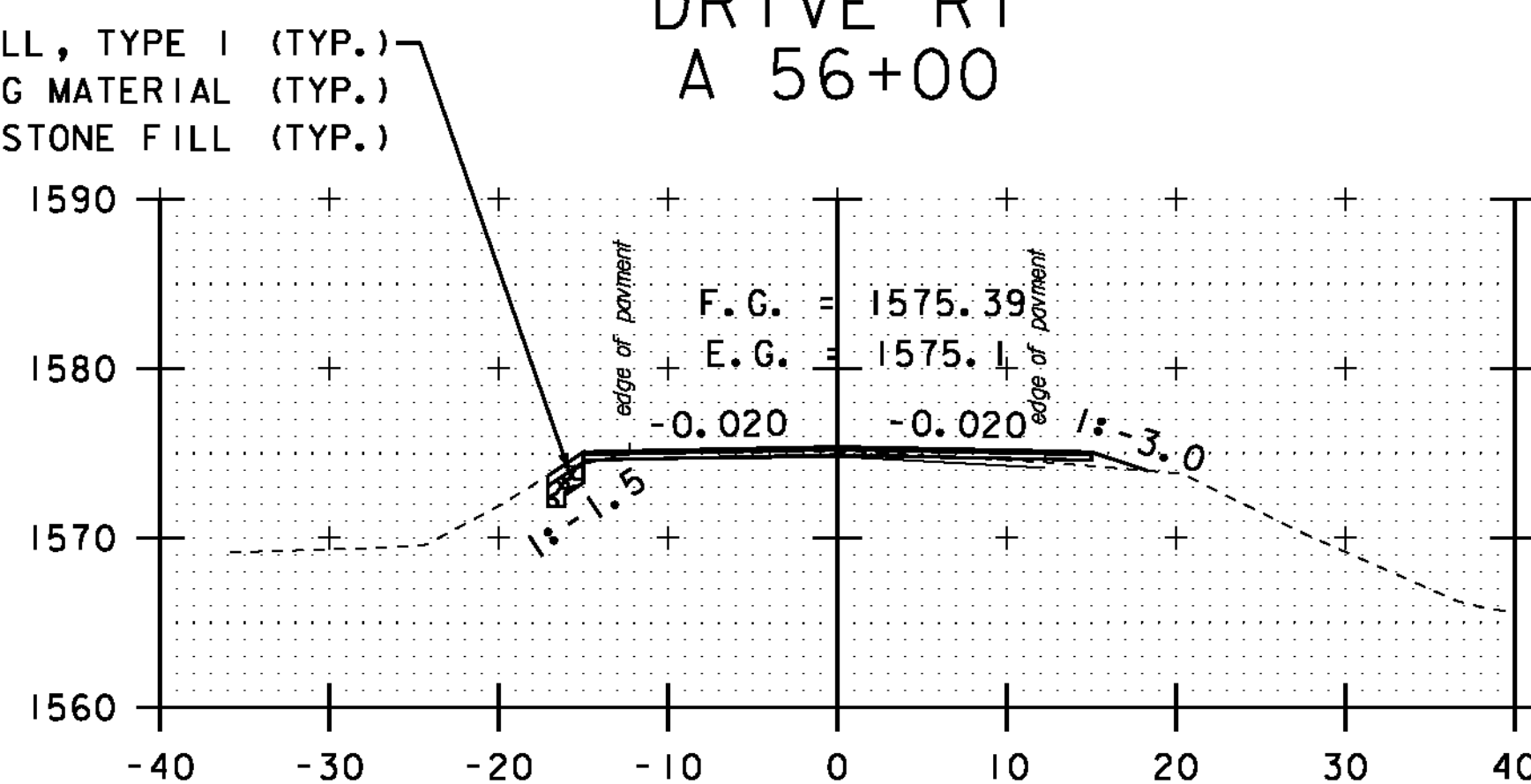
DRIVE RT
A 56+00



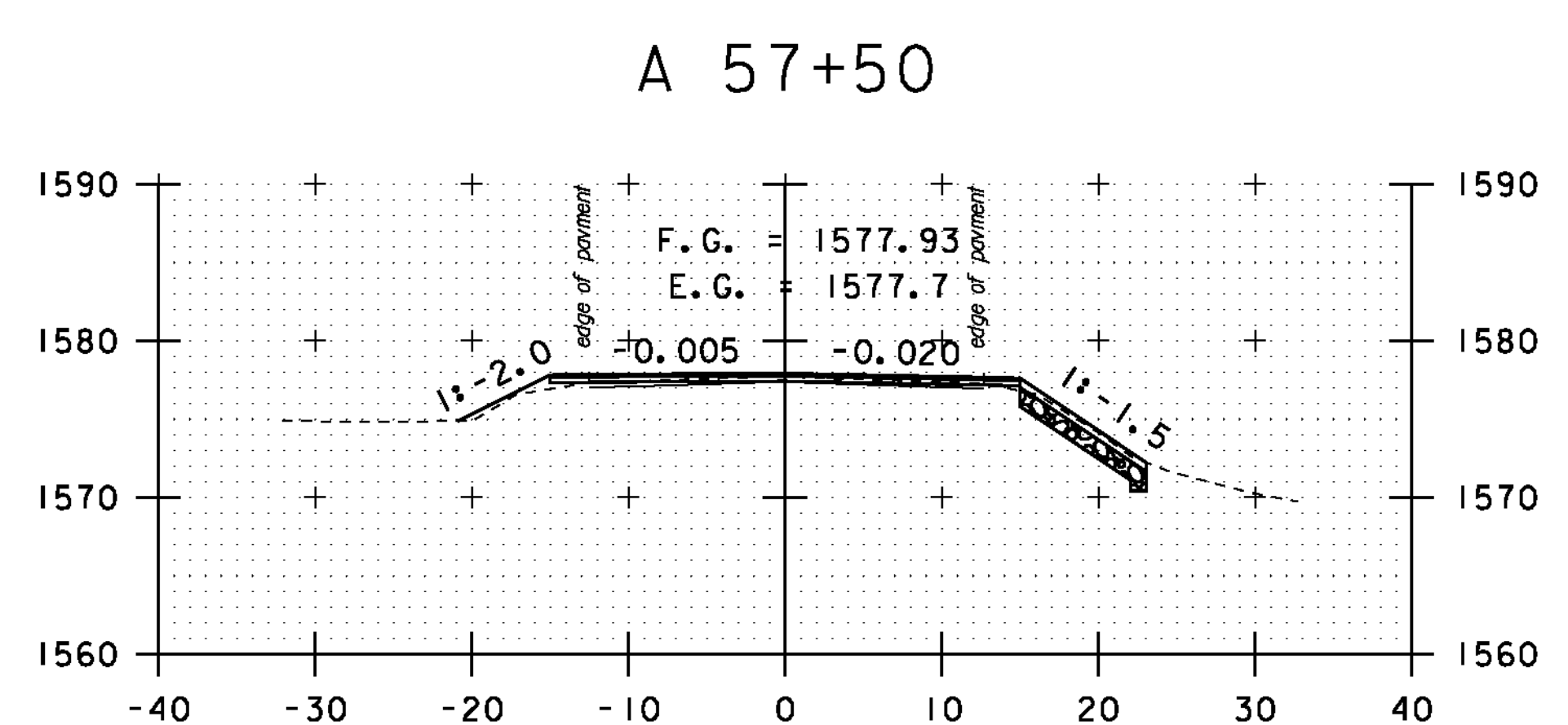
A 57+50



A 54+00



A 55+50



A 57+00

STA. A 54+00 TO STA. A 58+00

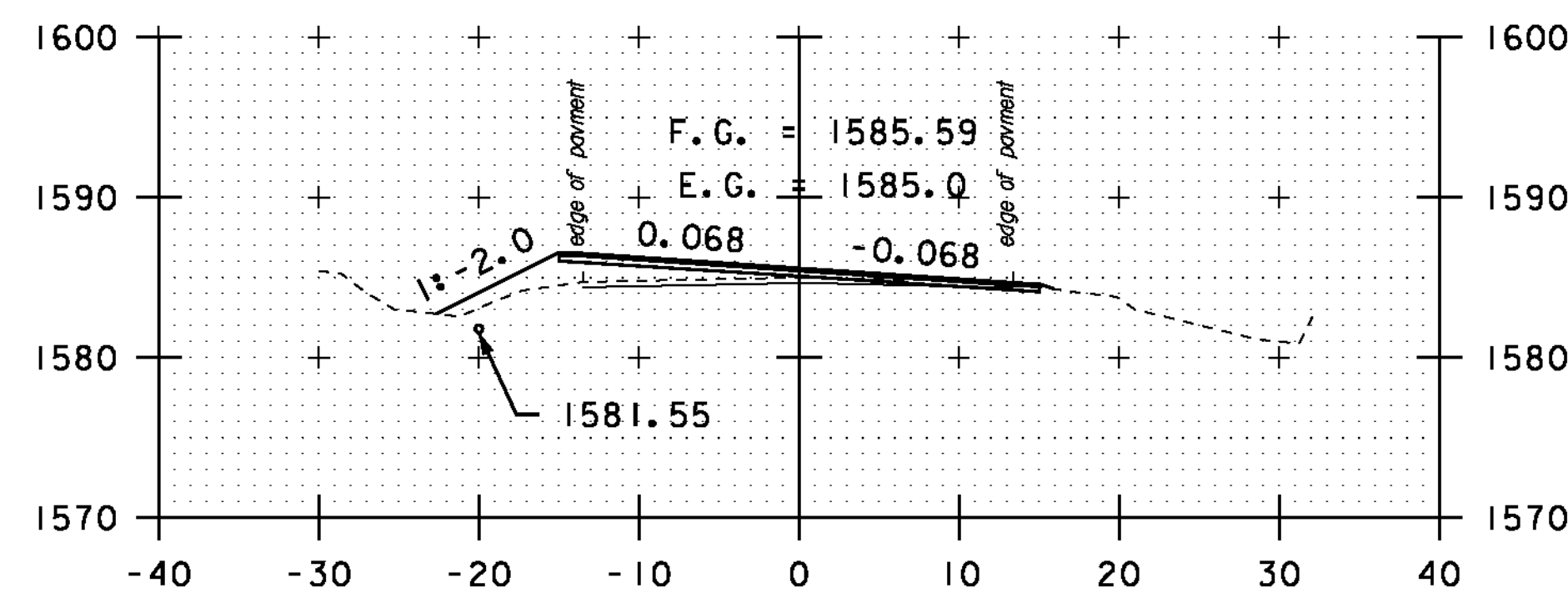
SCALE 1" = 10'-0"

**CROSS
SECTION
SHEET 47**

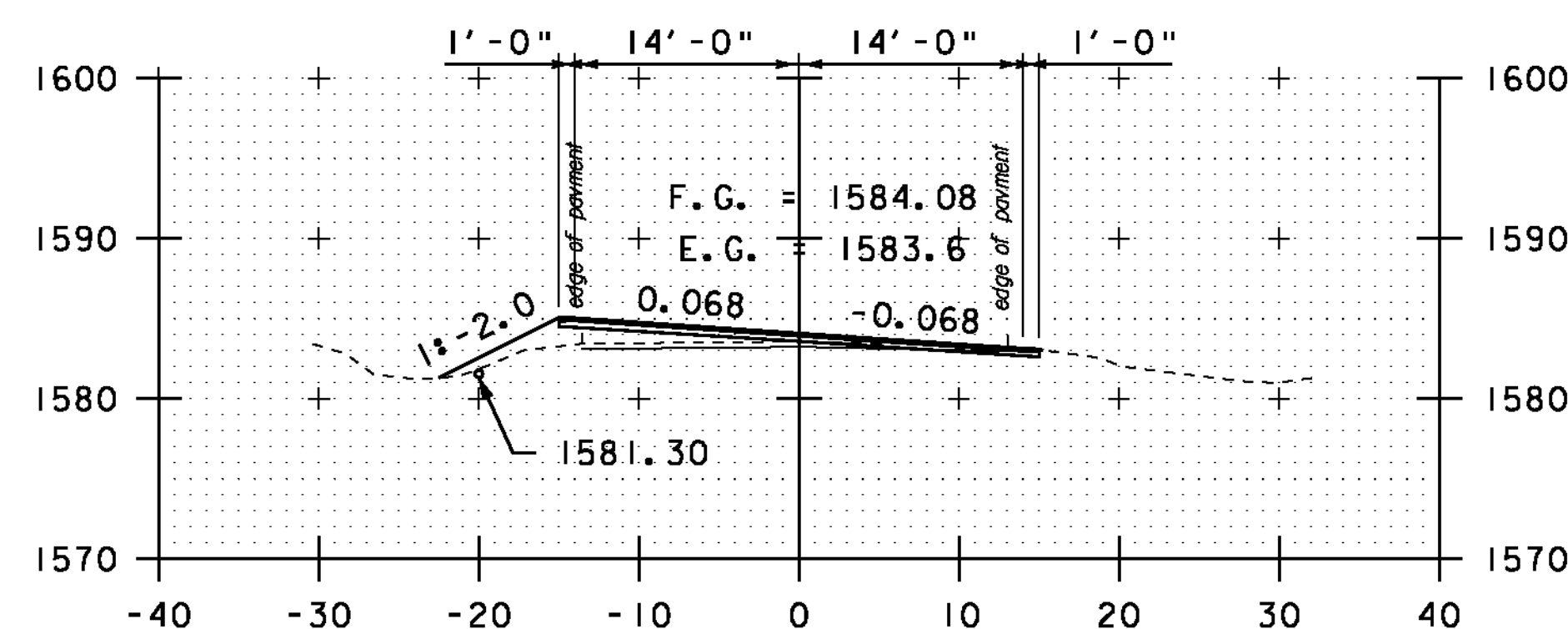
PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(I)

FILE NAME: p10CI90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10CI90_161.I

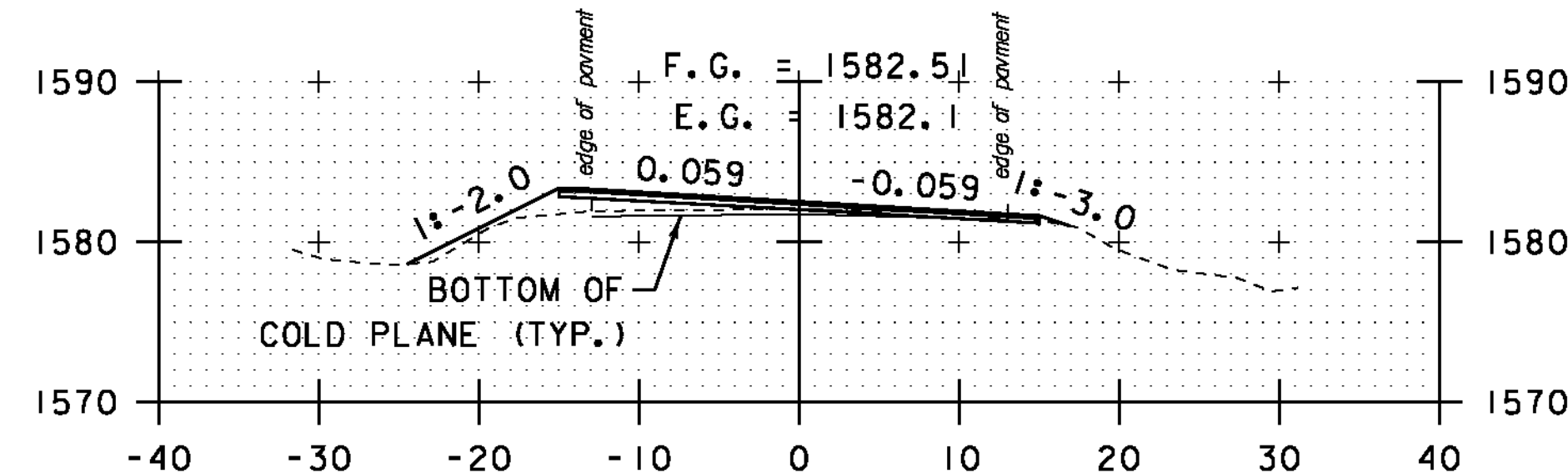
PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: CDL
SHEET 161 OF 178



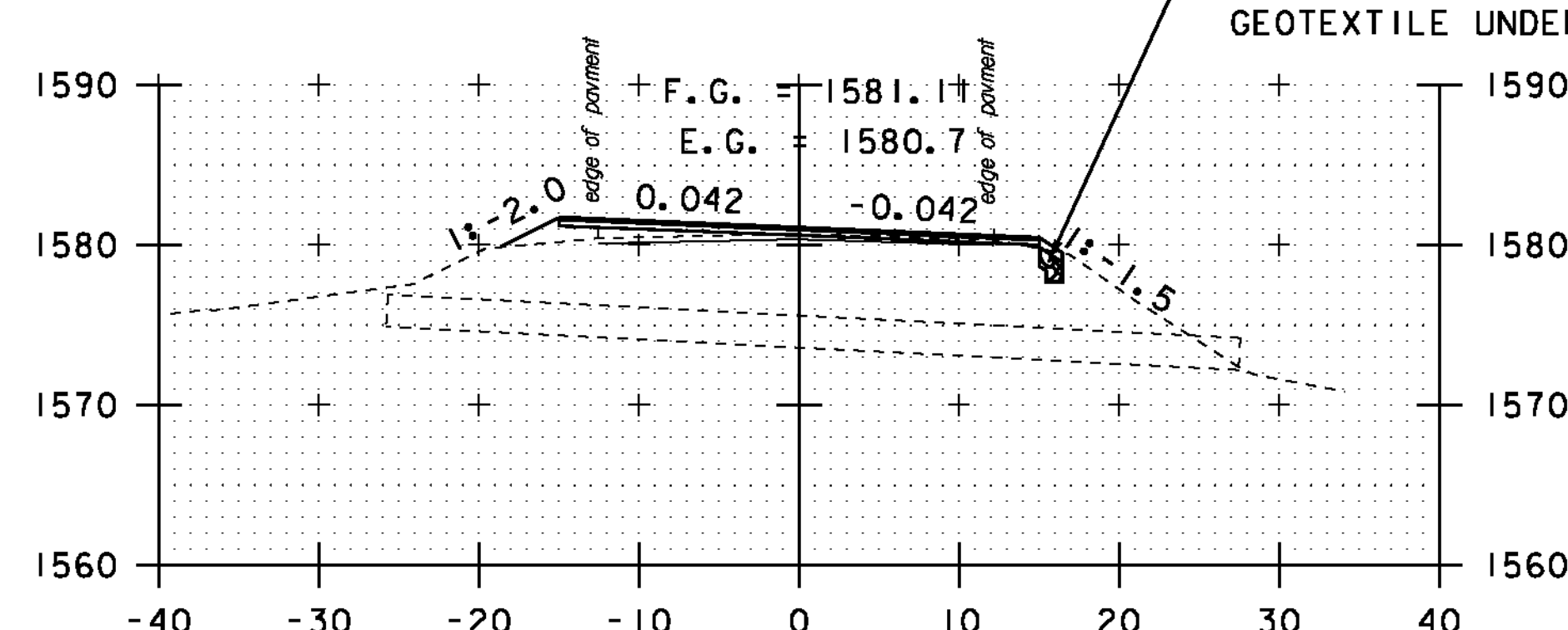
A 60+00



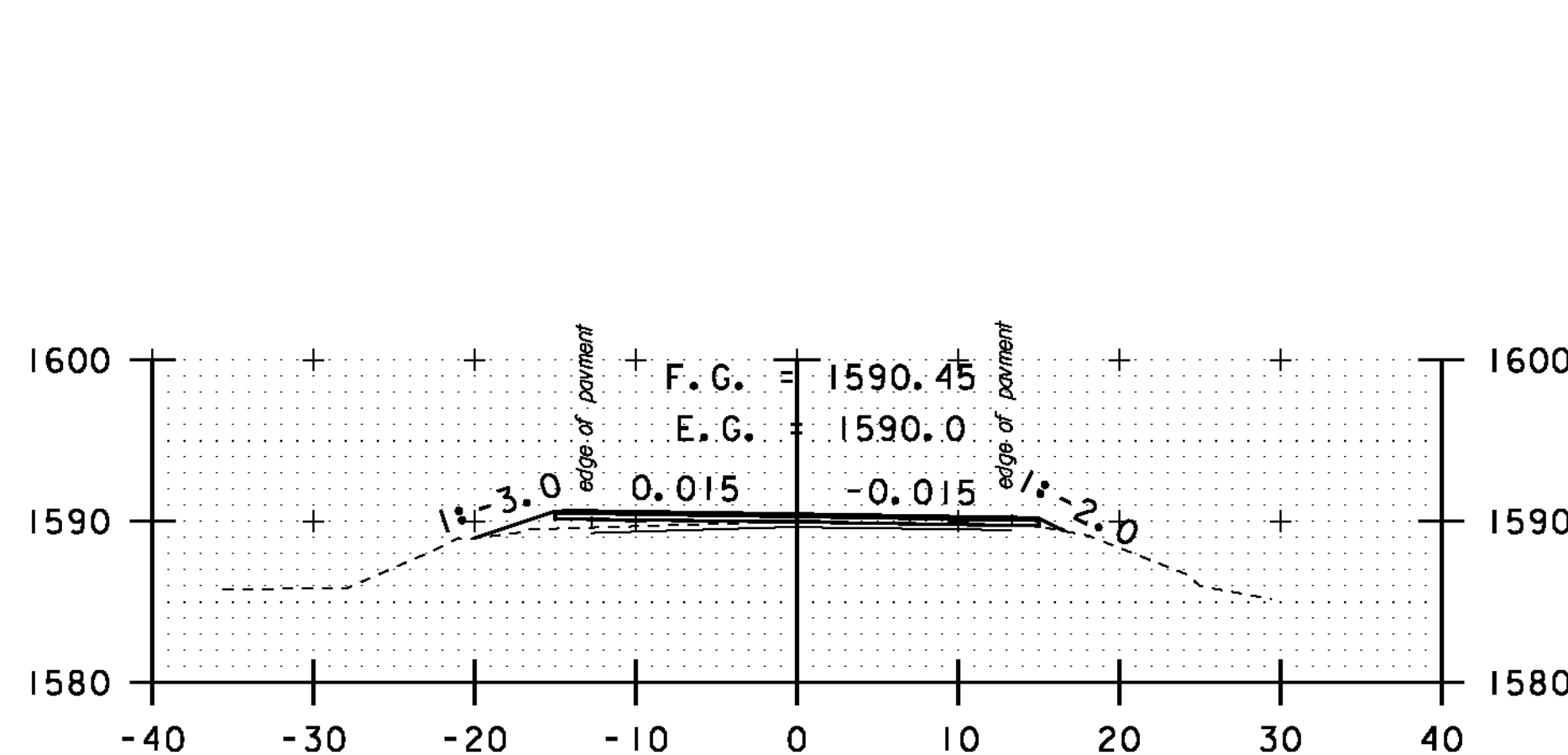
A 59+50



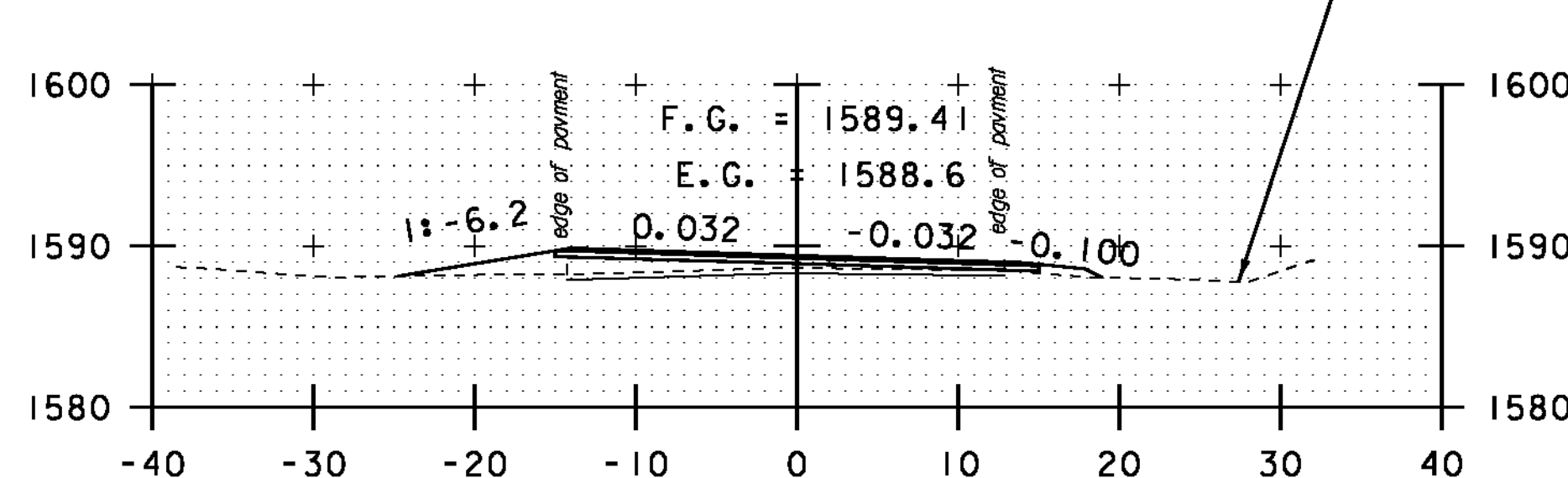
A 59+00



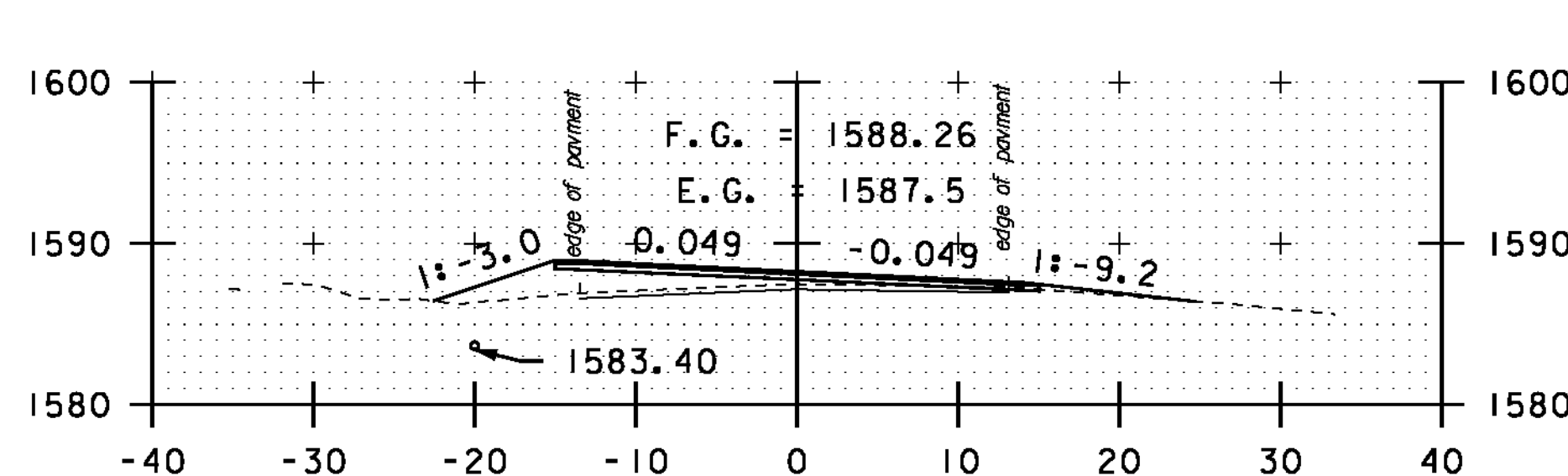
A 58+50



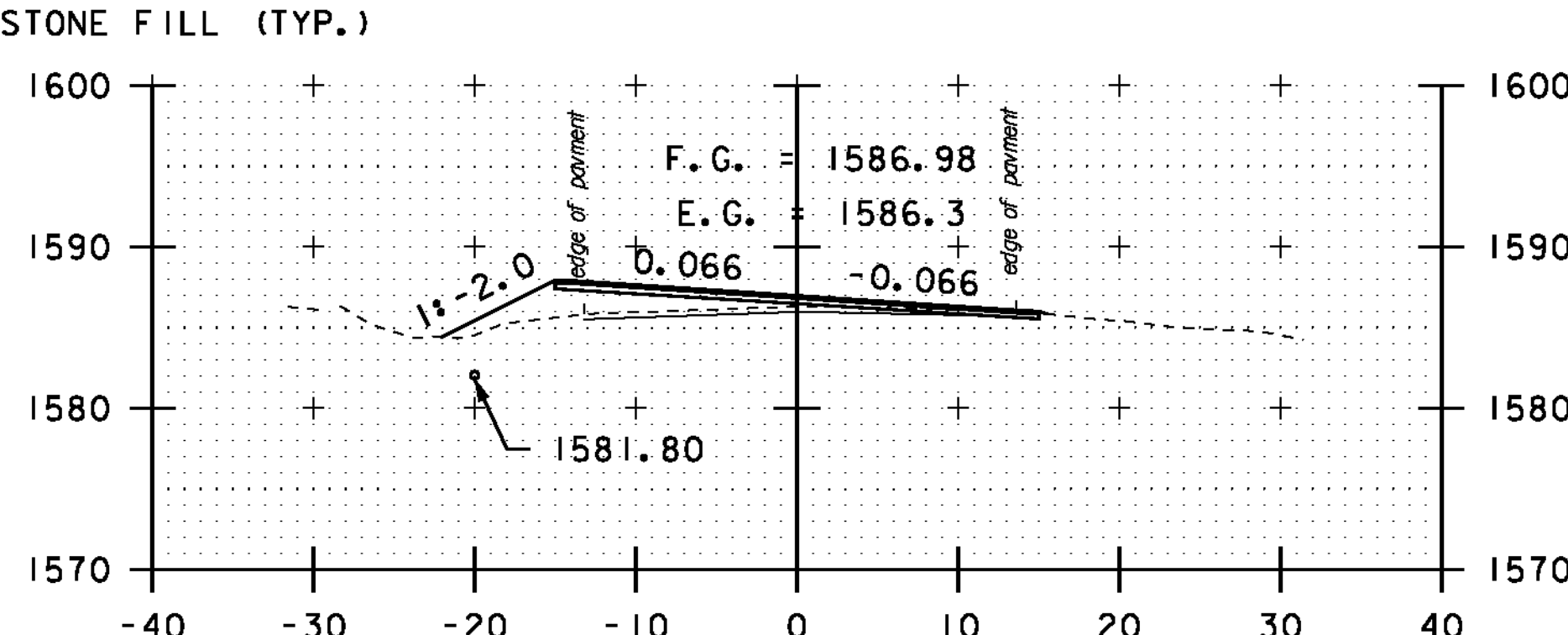
A 62+00



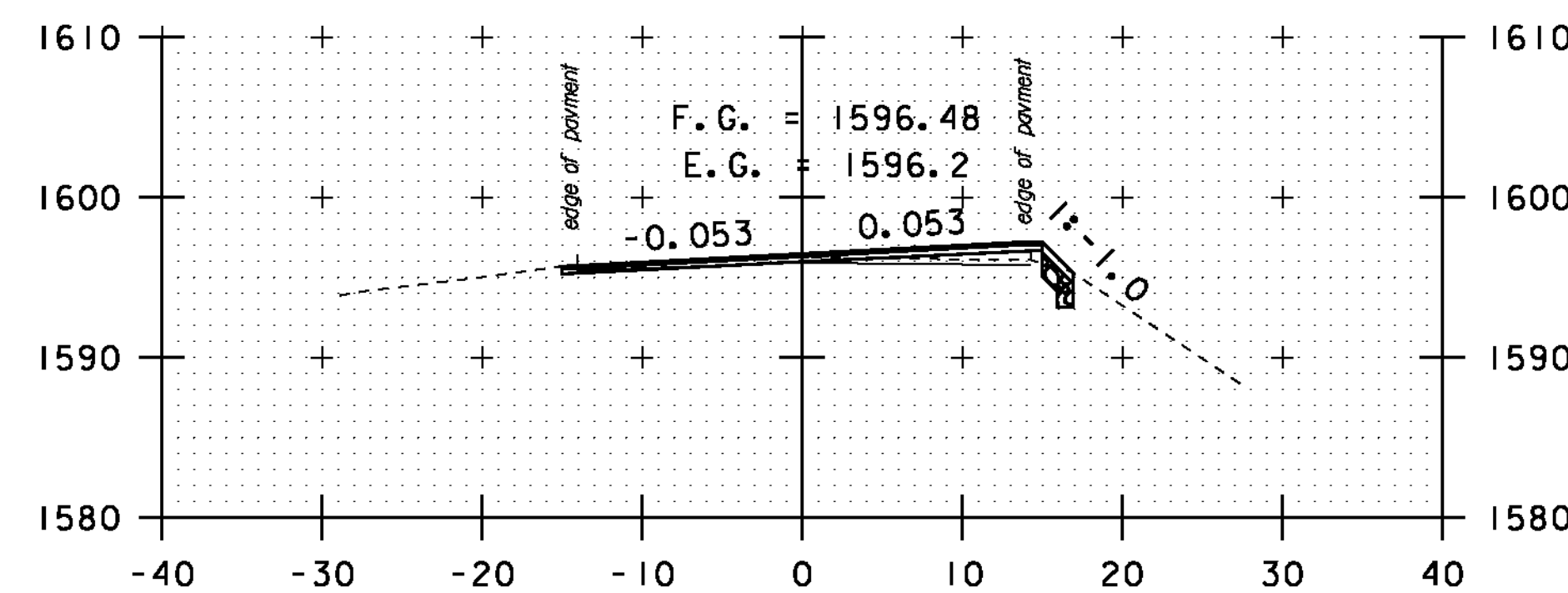
DRIVE LT/ RT
A 61+50



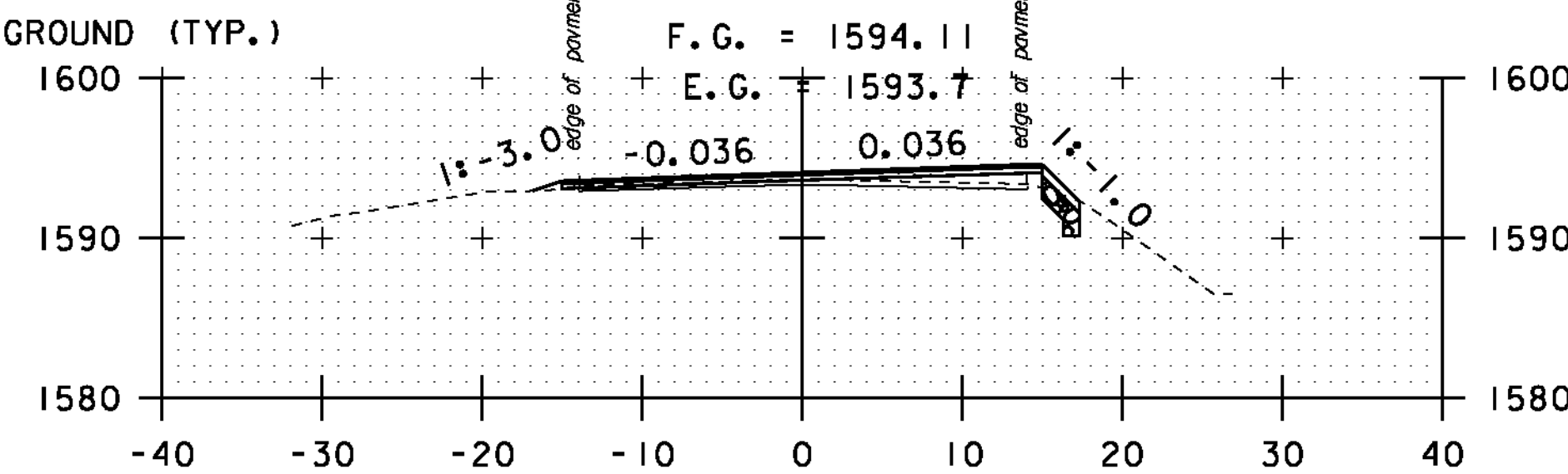
DRIVE RT
A 61+00



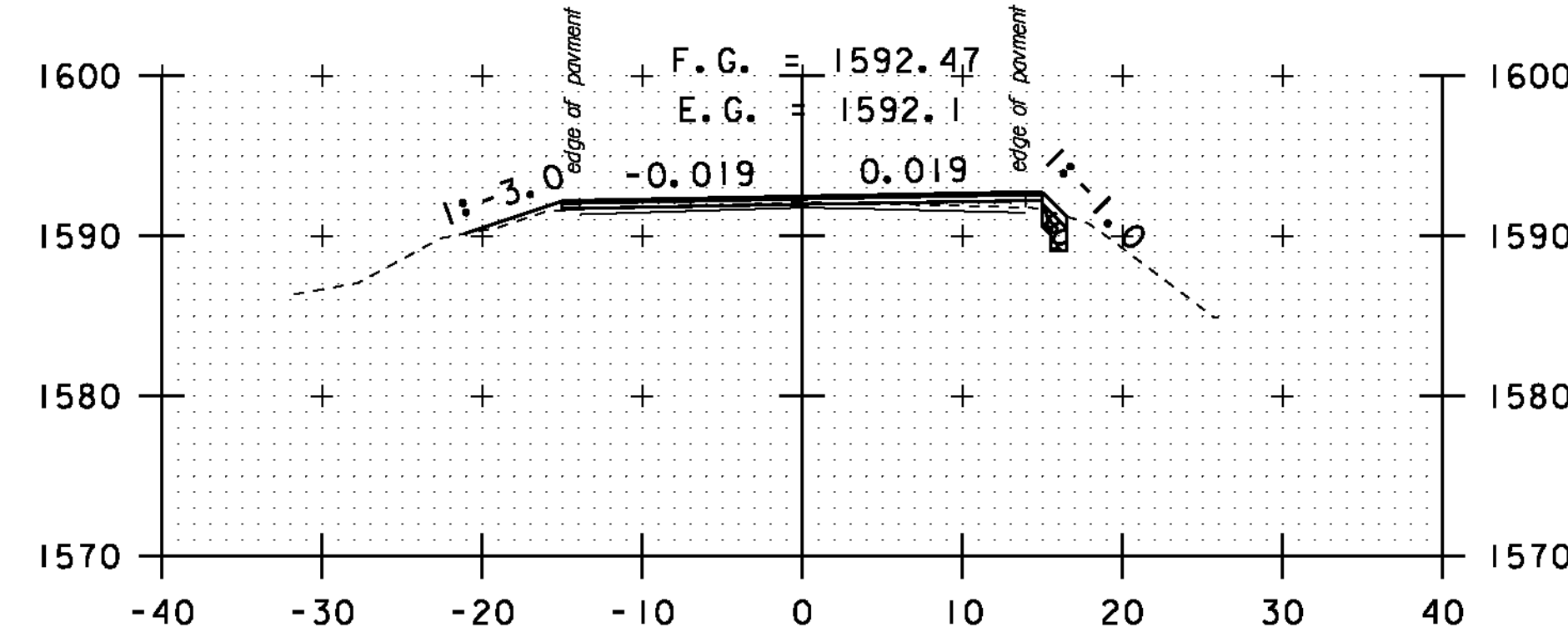
A 60+50



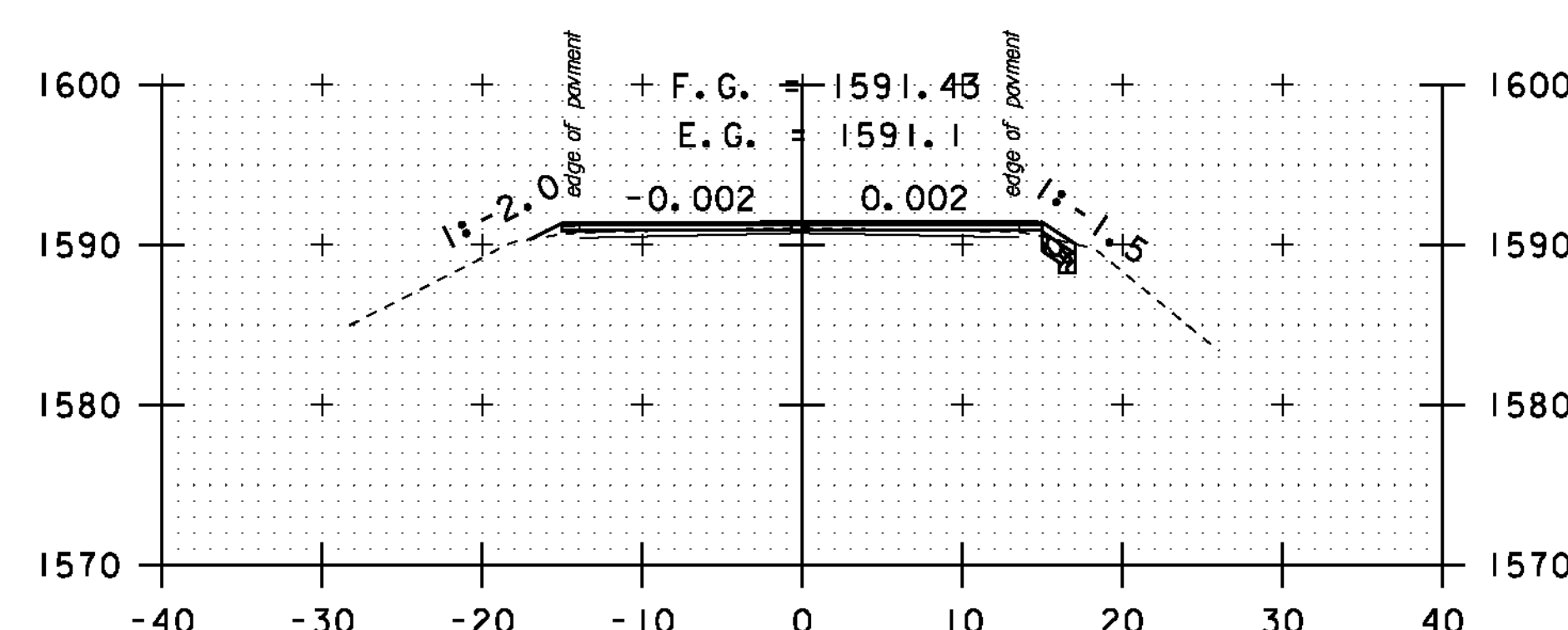
A 64+00



A 63+50



A 63+00



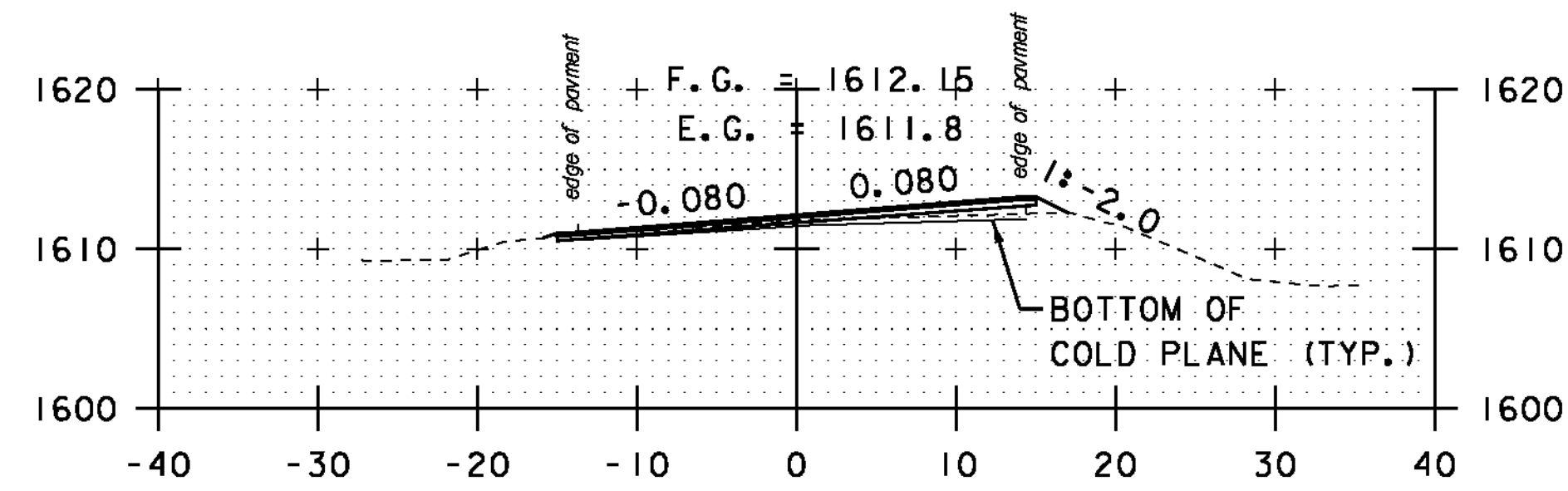
A 62+50

STA. A 58+50 TO STA. A 64+00

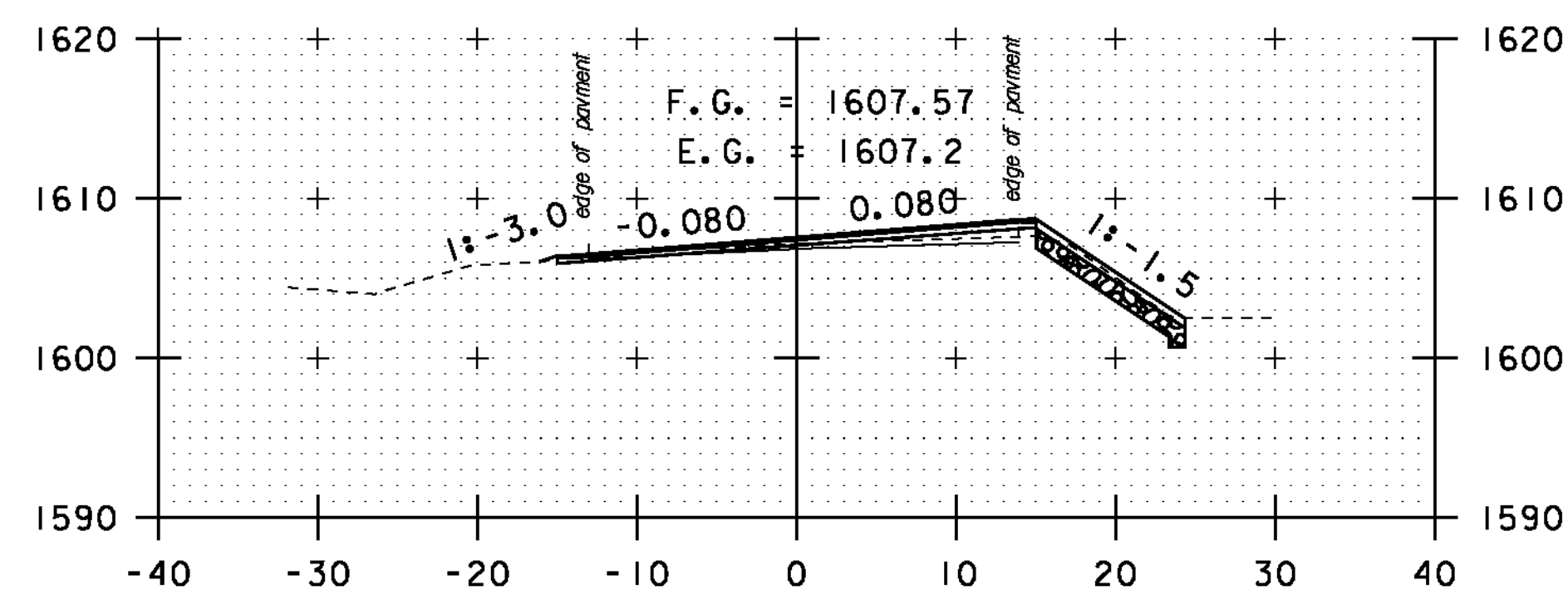
SCALE 1" = 10'-0"

**CROSS
SECTION
SHEET 48**

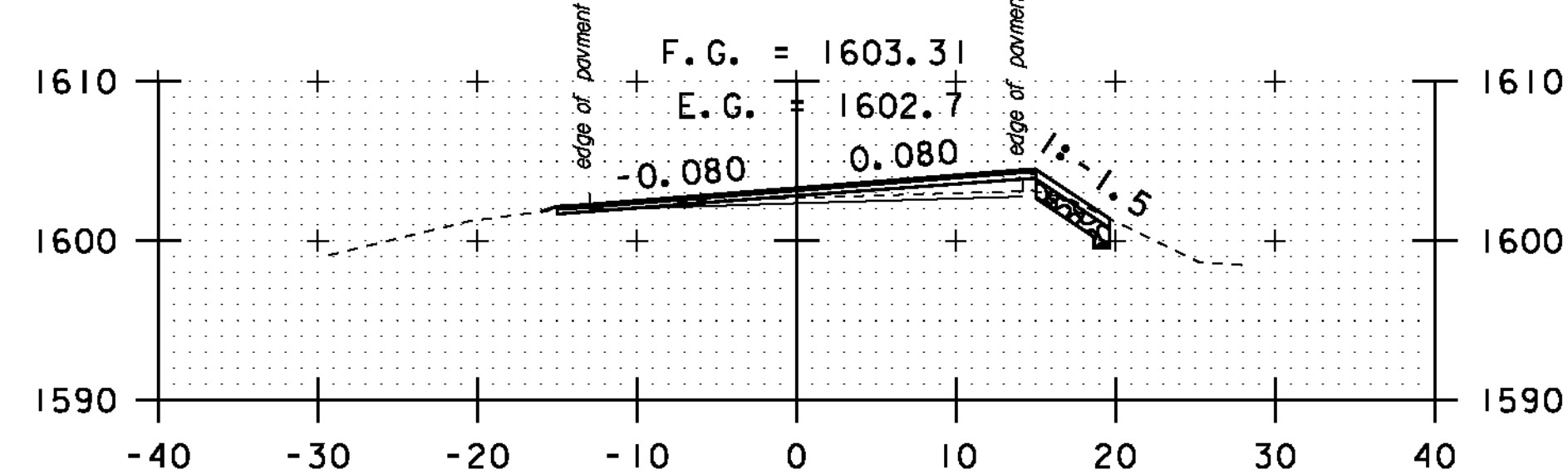
PROJECT NAME: MONTGOMERY-WESTFIELD
 PROJECT NUMBER: STP 2906(1)
 FILE NAME: p10C190.dgn
 PROJECT LEADER: CDL
 DESIGNED BY: SJL
 PLOT FILE: p10C190_162.1
 PLOT DATE: 9/5/12
 DRAWN BY: SJL
 CHECKED BY: CDL
 SHEET 162 OF 178



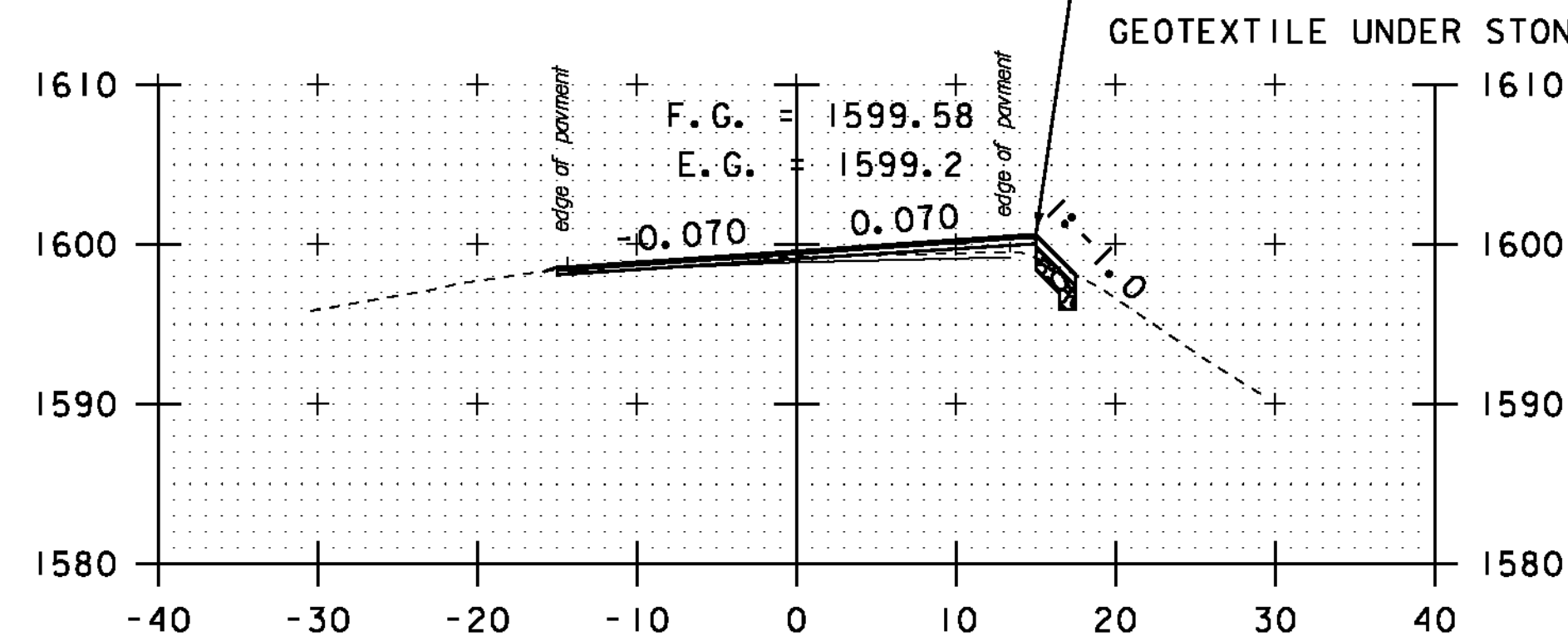
A 66+00



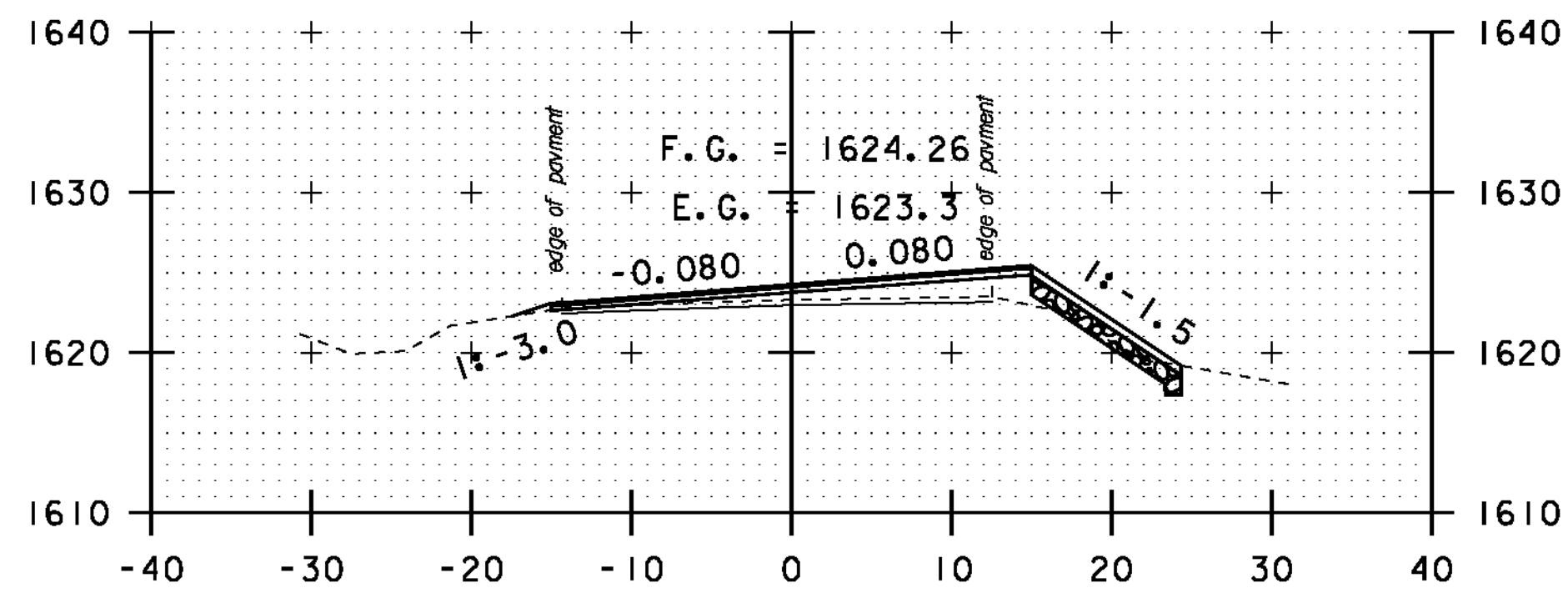
A 65+50



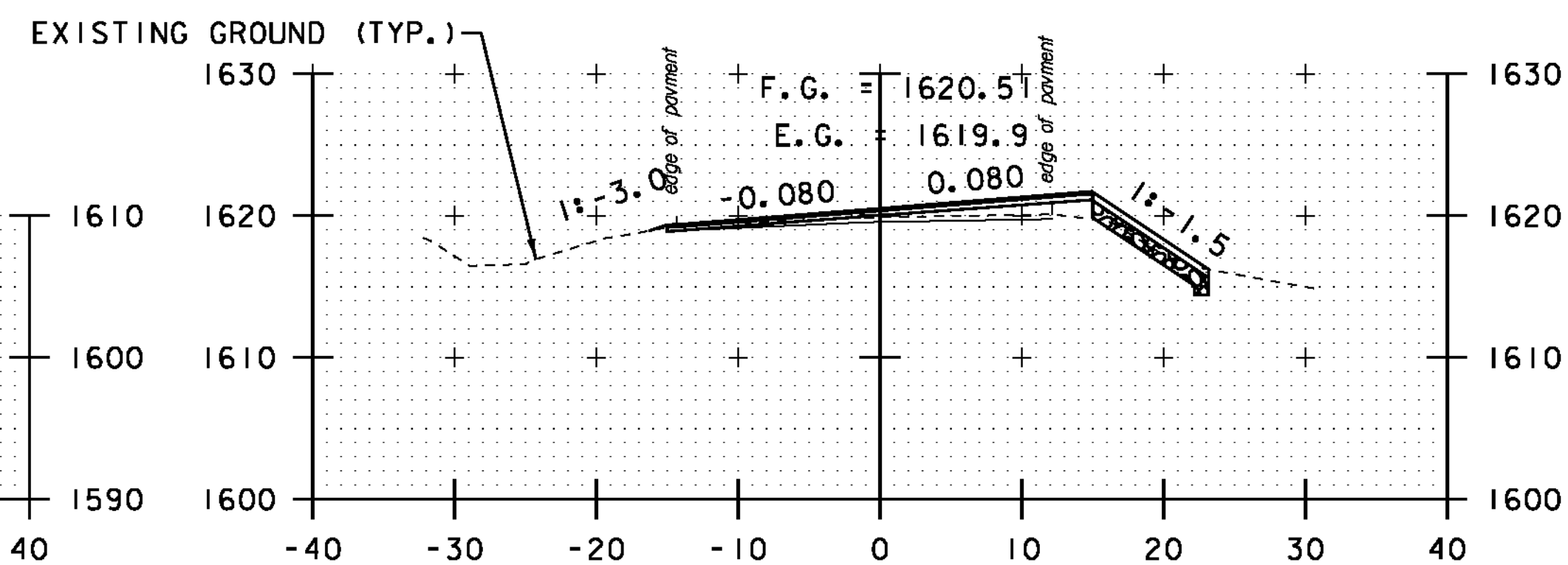
A 65+00



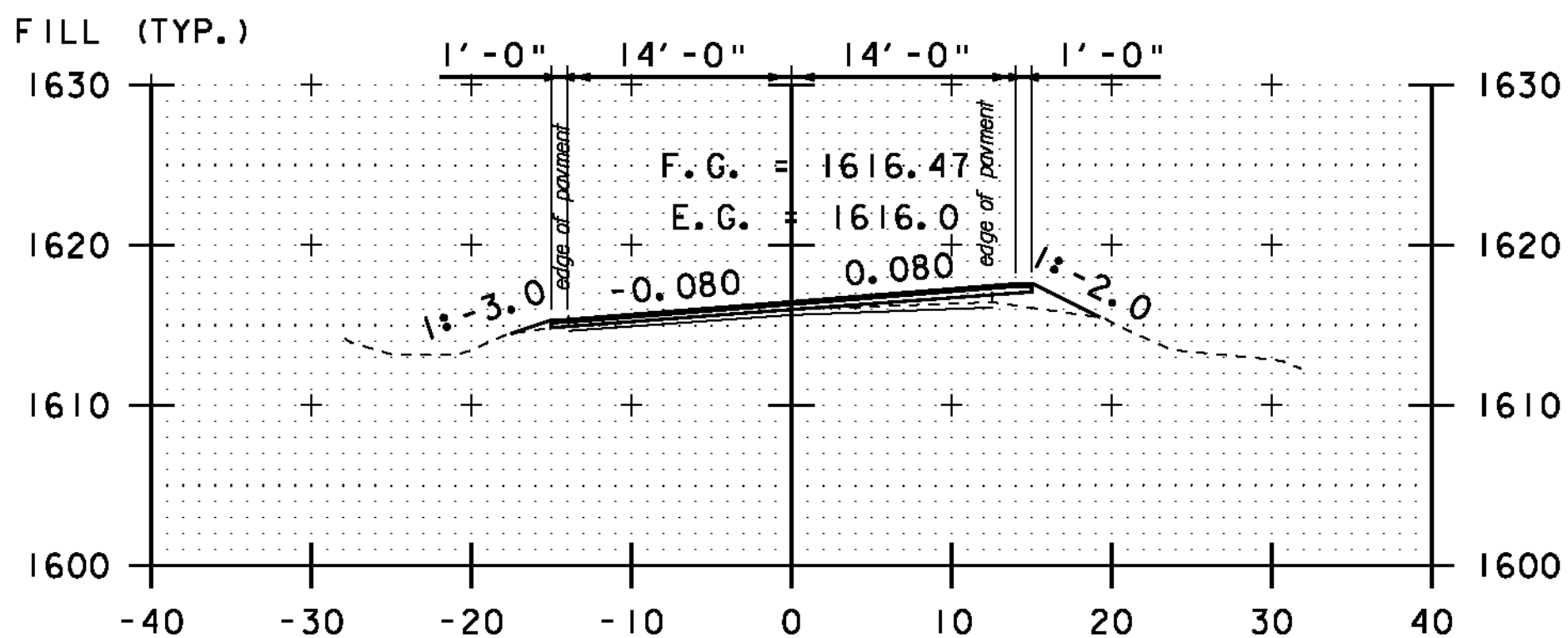
A 64+50



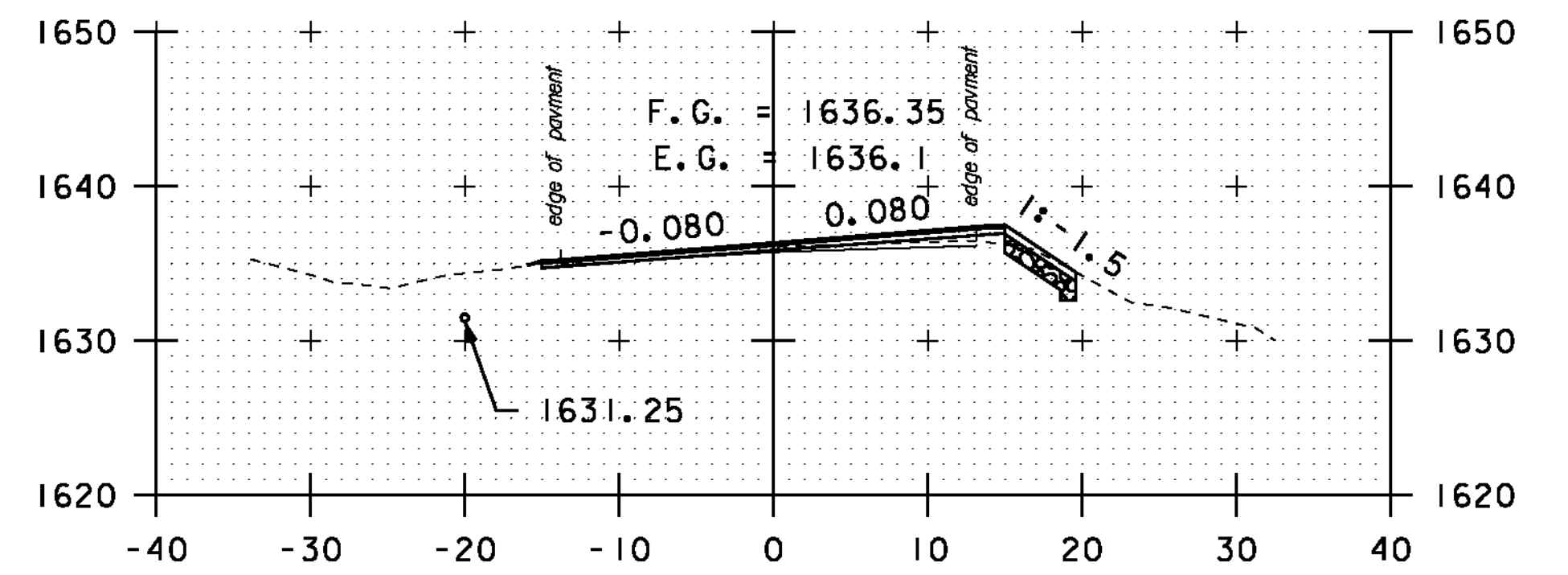
A 67+50



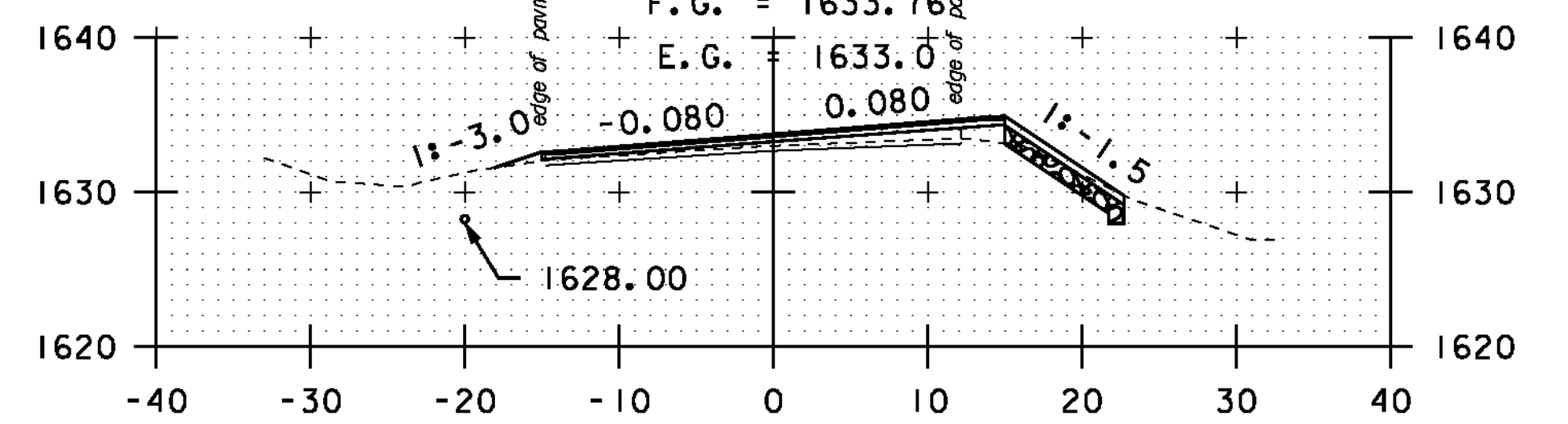
A 67+00



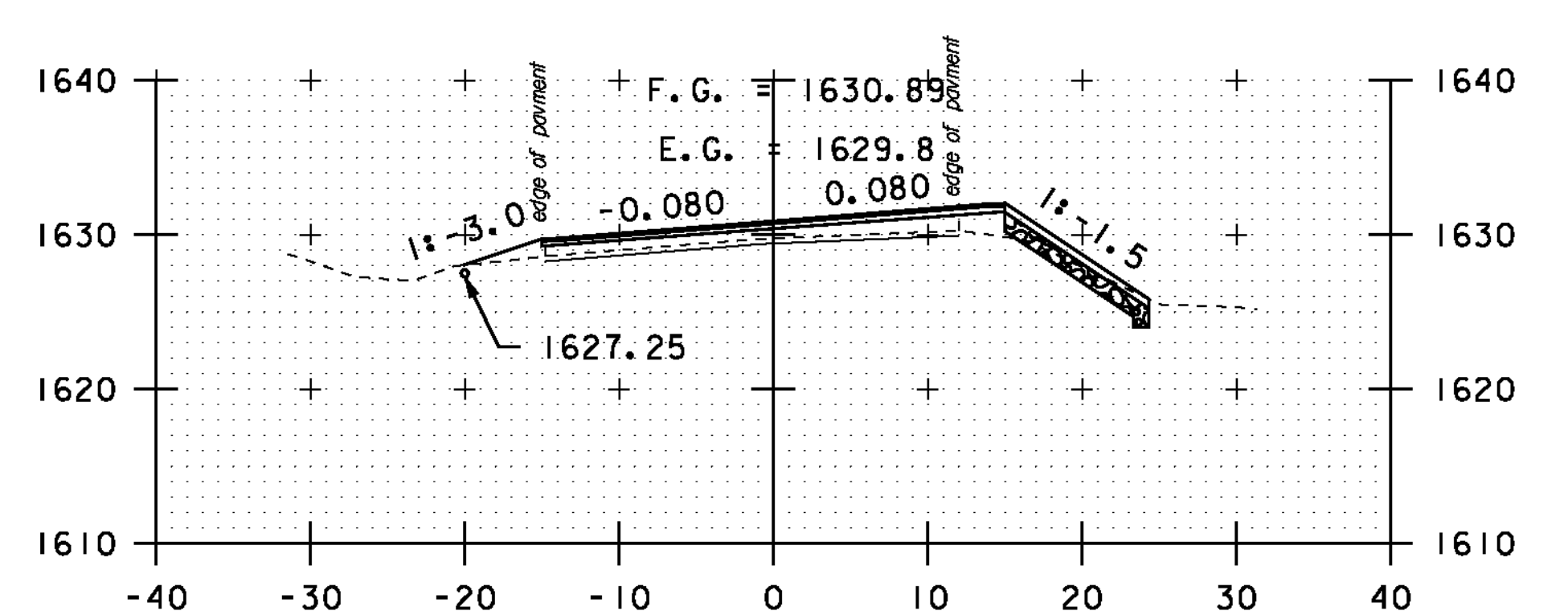
A 66+50



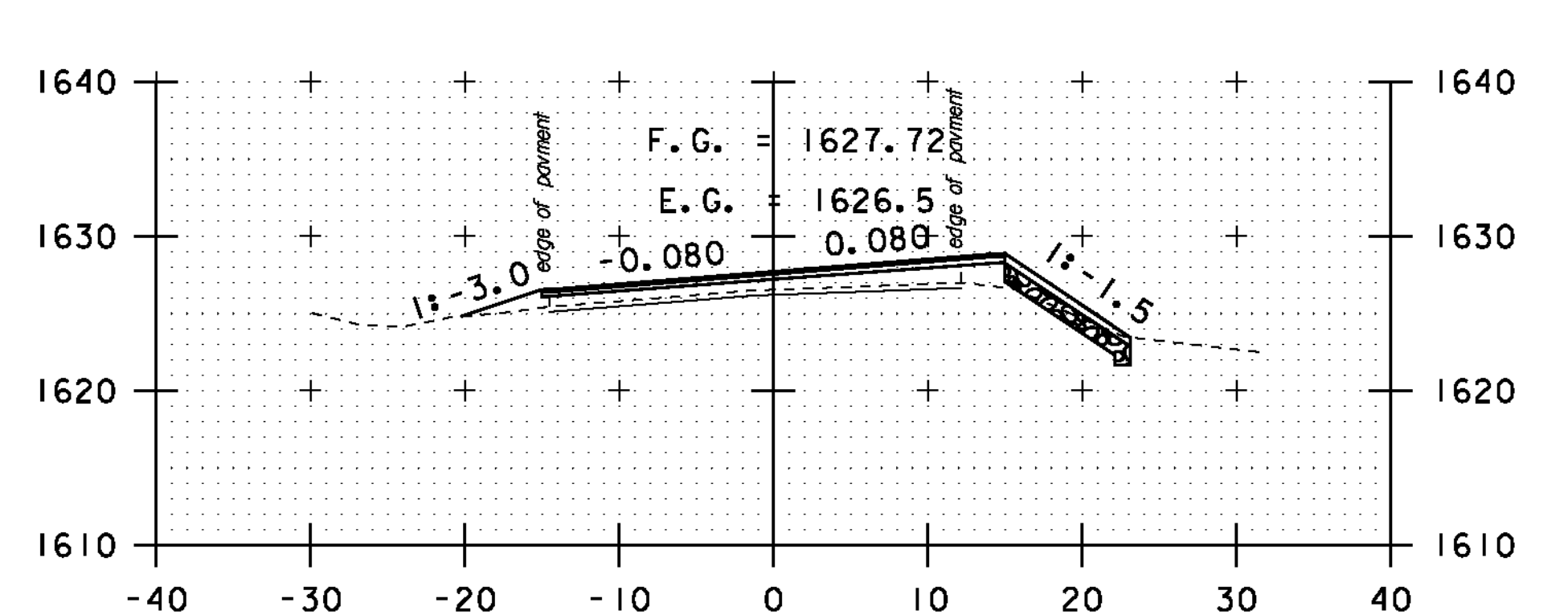
A 69+50



A 69+00



A 68+50



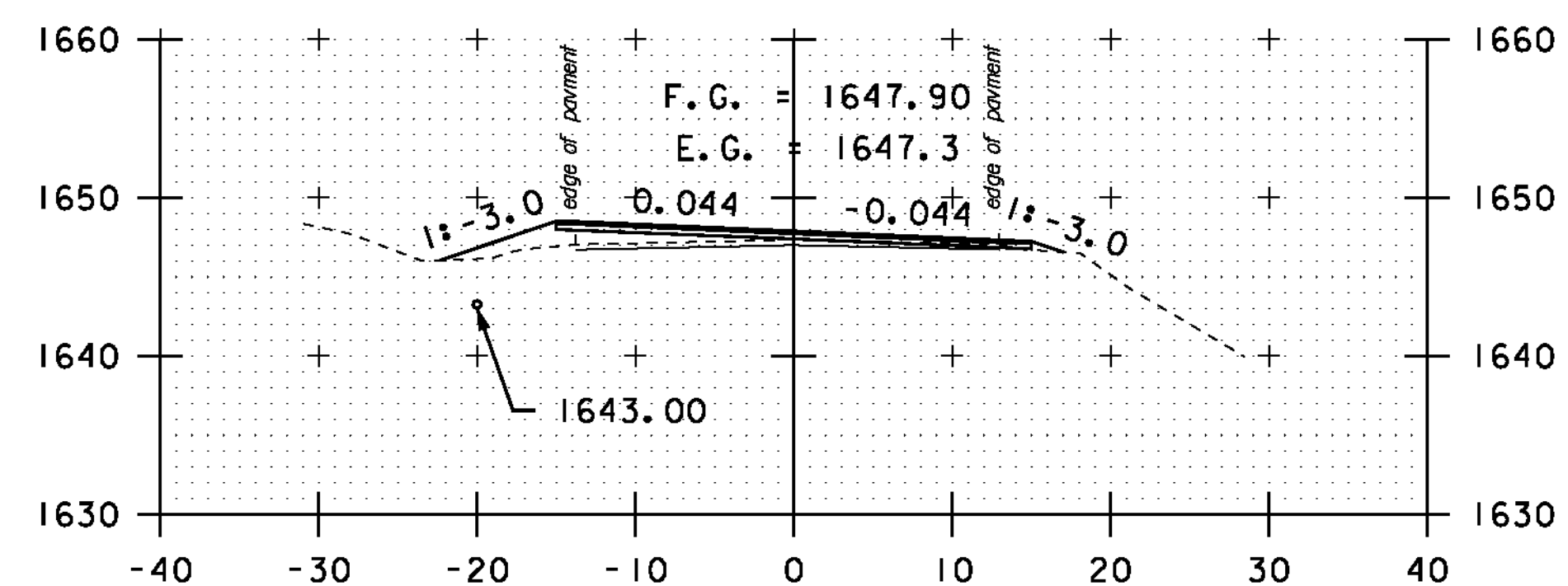
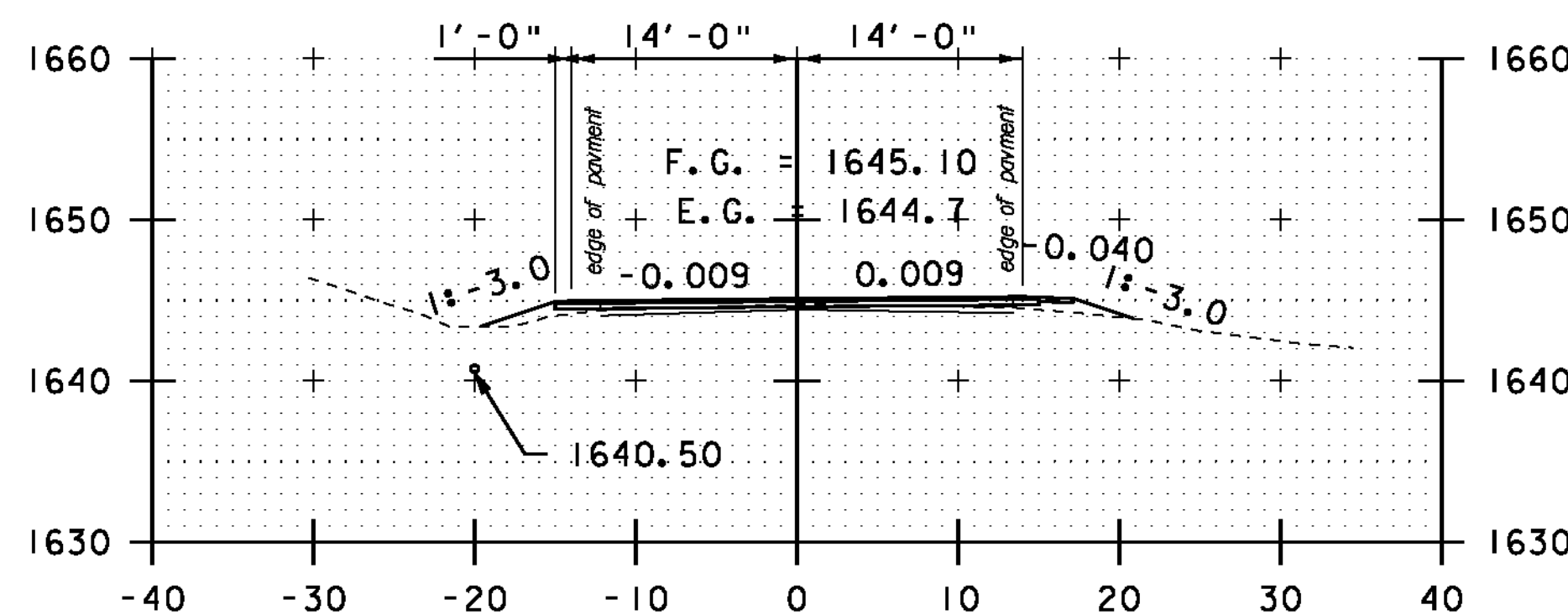
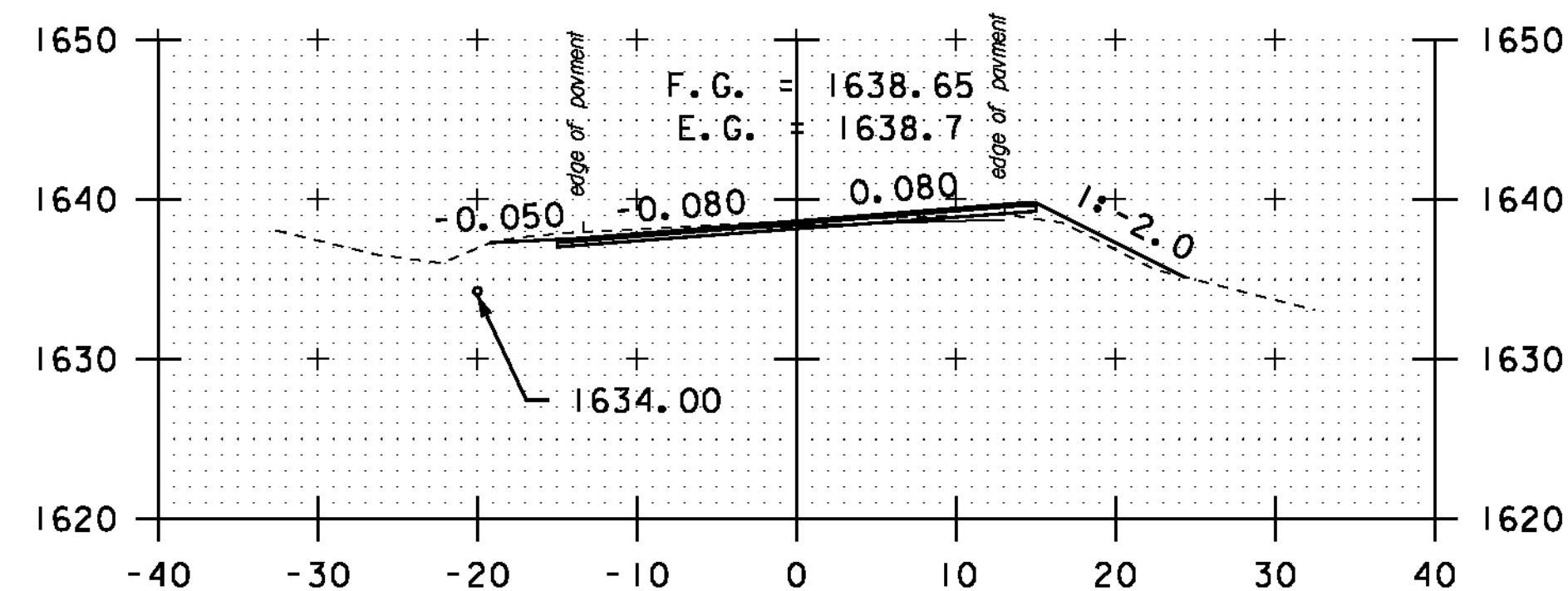
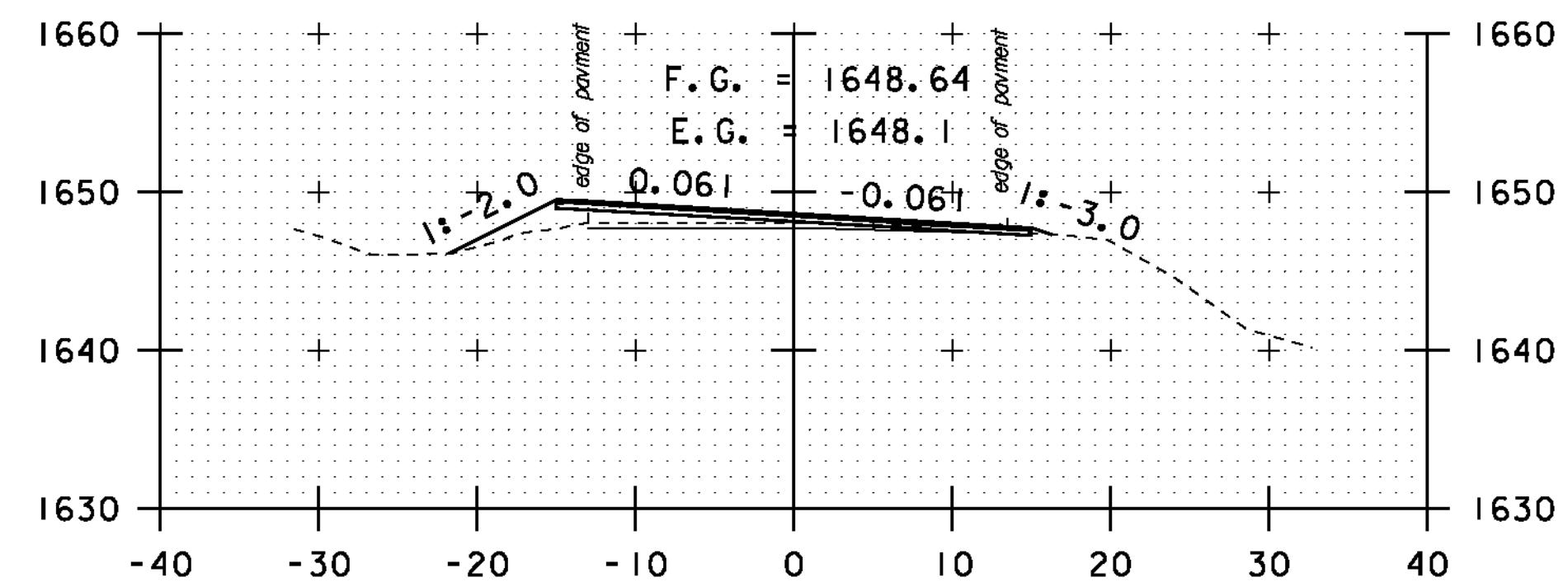
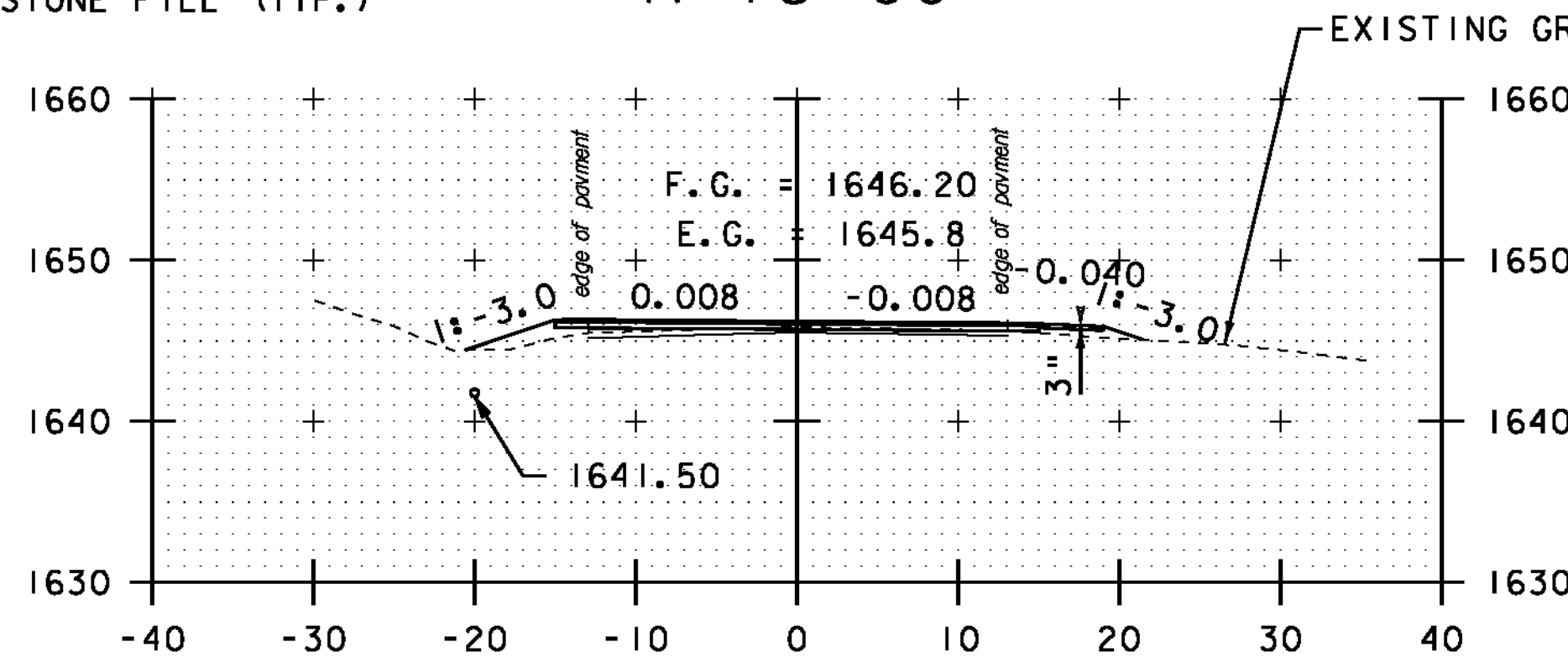
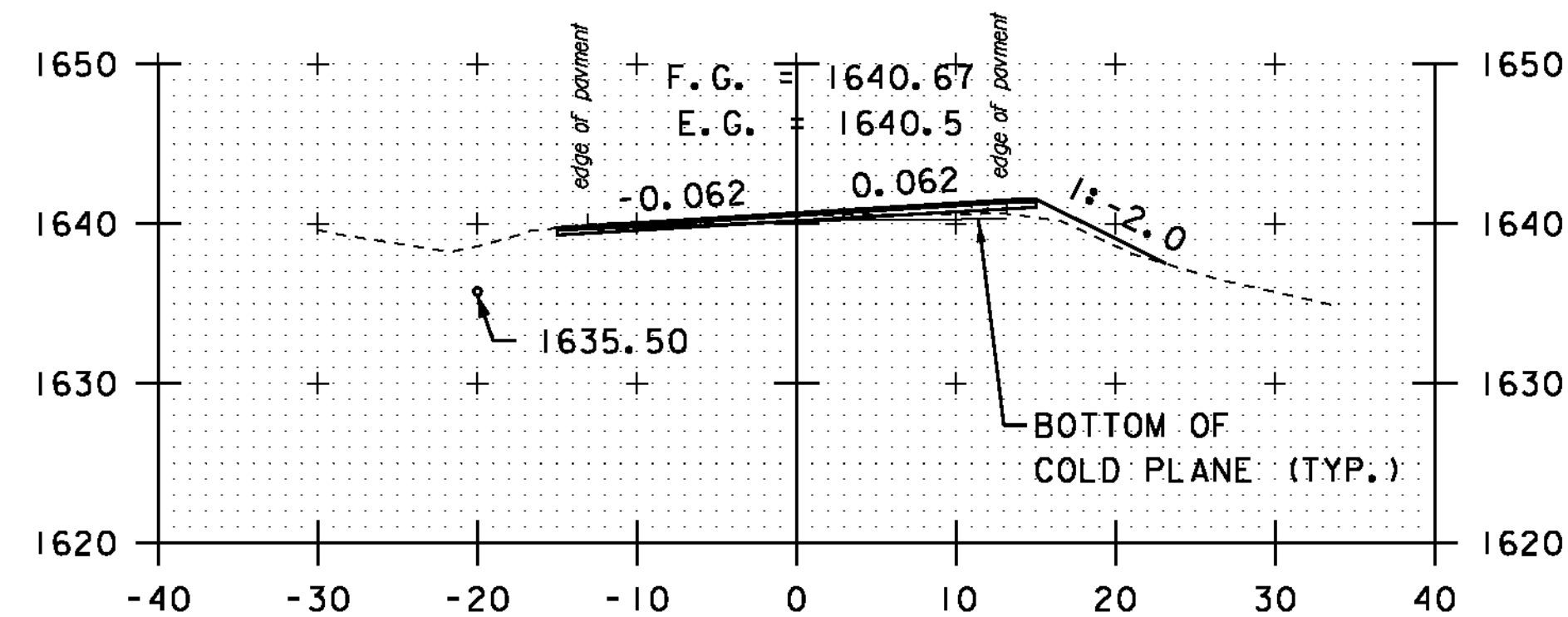
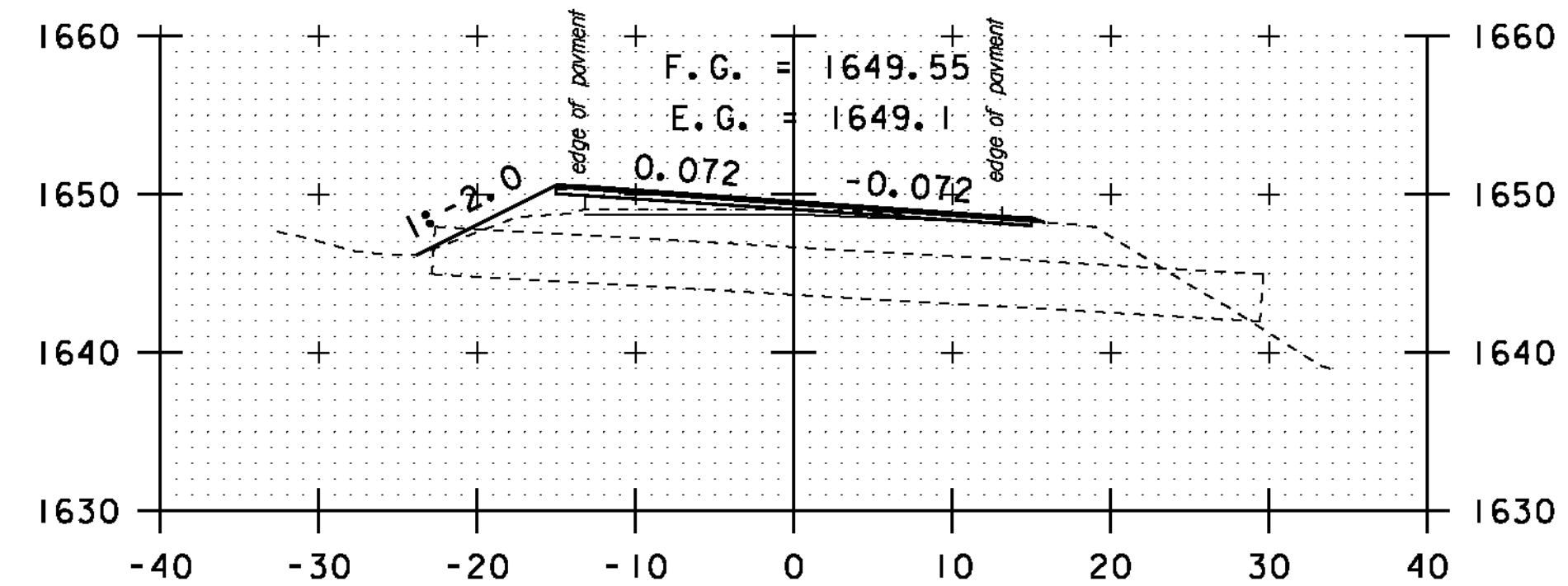
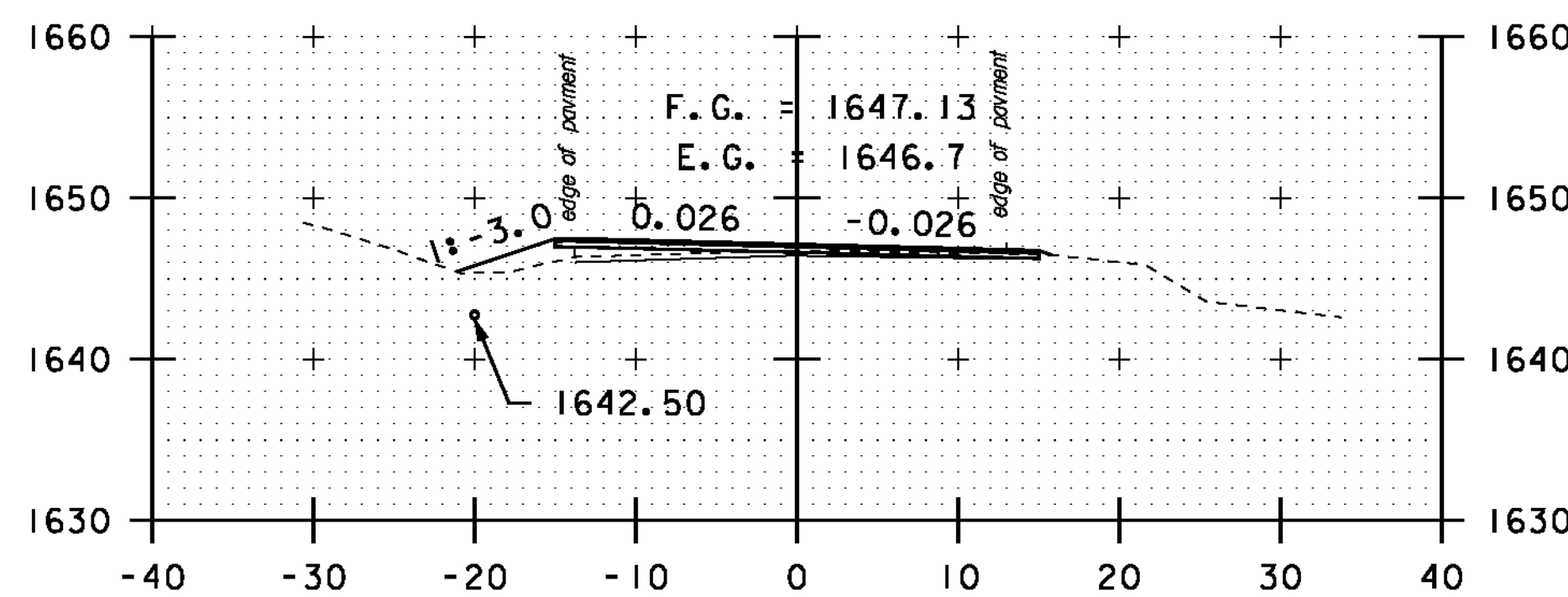
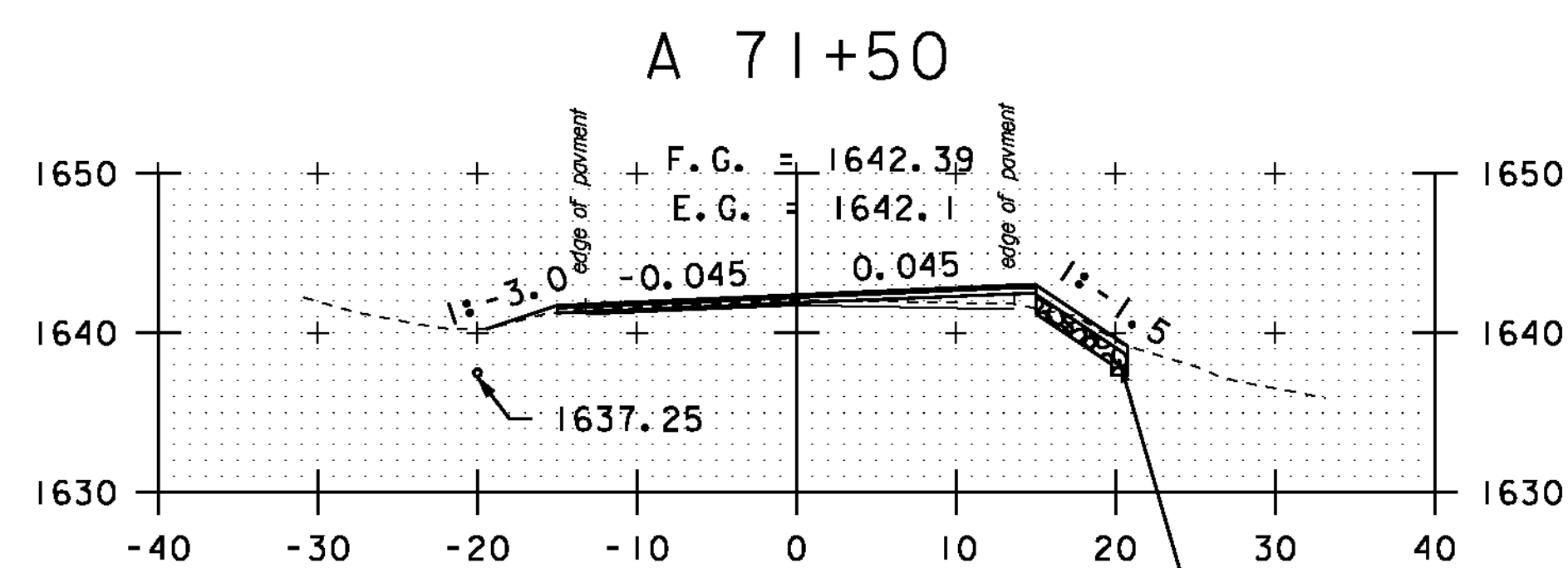
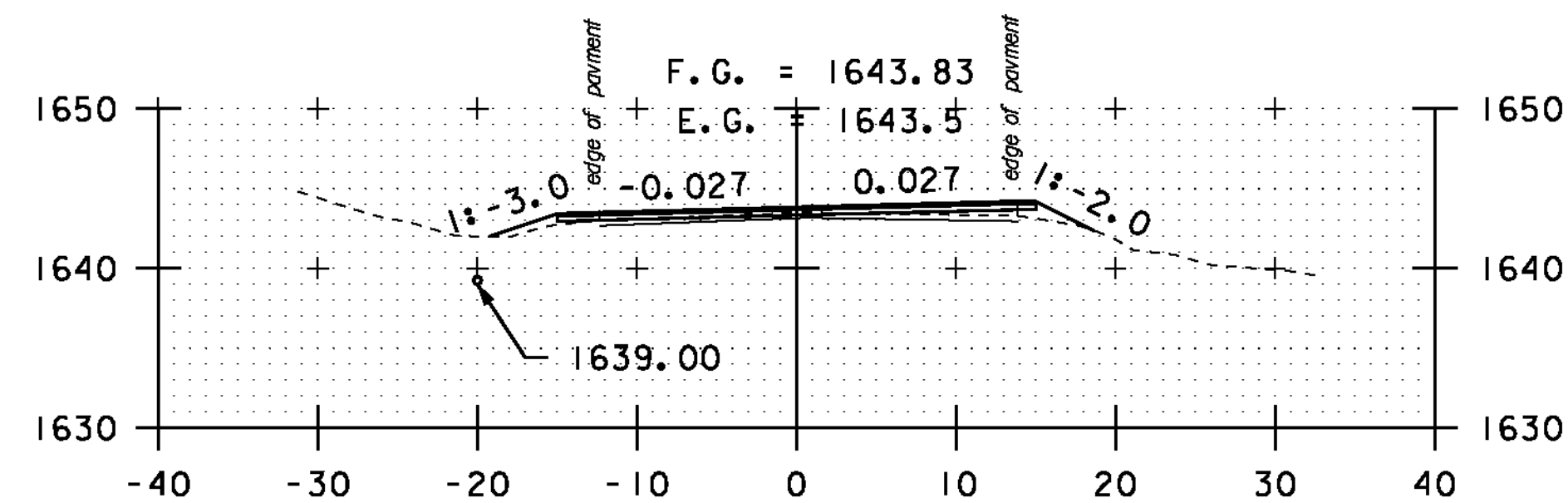
A 68+00

STA. A 64+50 TO STA. A 69+50

SCALE 1" = 10'-0"
10 0 10

**CROSS
SECTION
SHEET 49**

PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(1)
FILE NAME: p10ci90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10ci90_163.1
PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: CDL
SHEET 163 OF 178



A 71+50

A 71+00

A 73+00

A 74+50

A 70+50

PULL OFF RT
A 72+50

A 74+00

A 70+00

PULL OFF RT
A 72+00

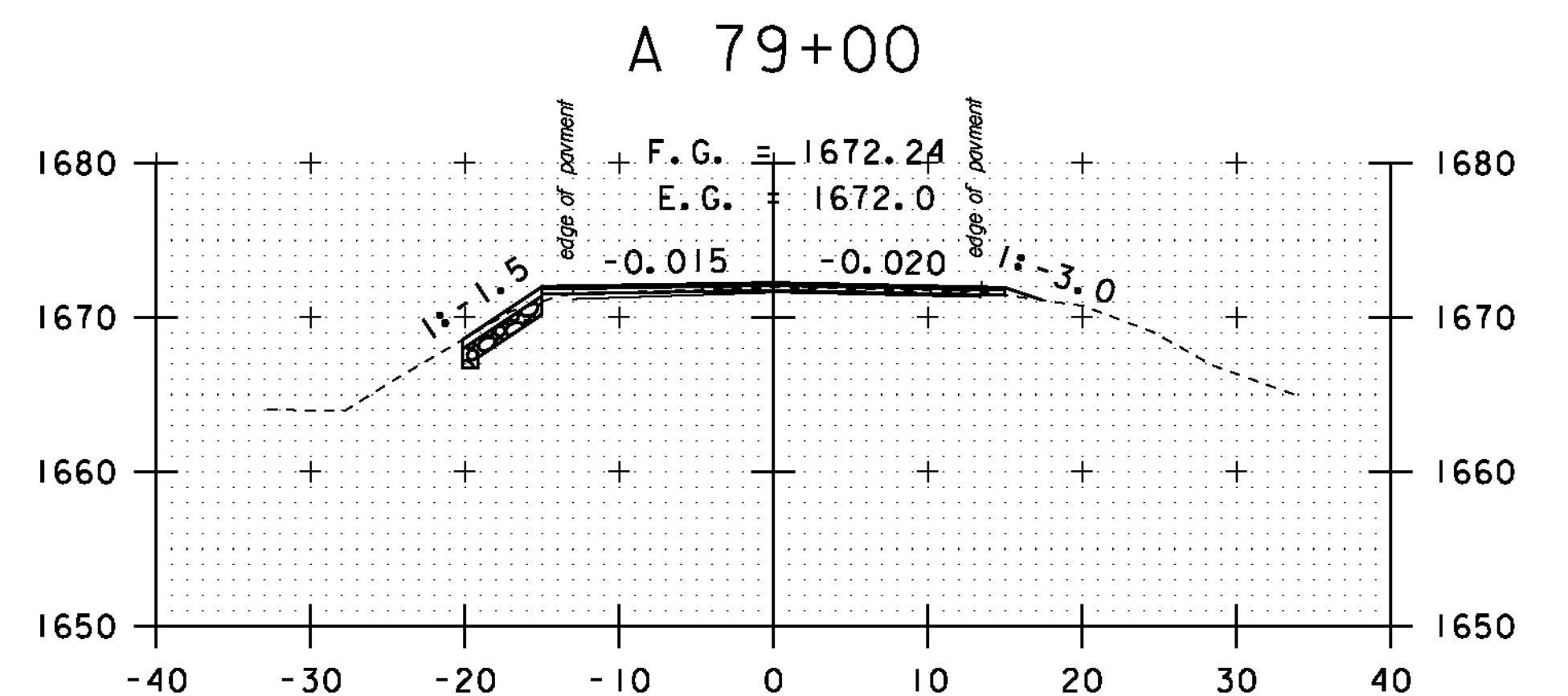
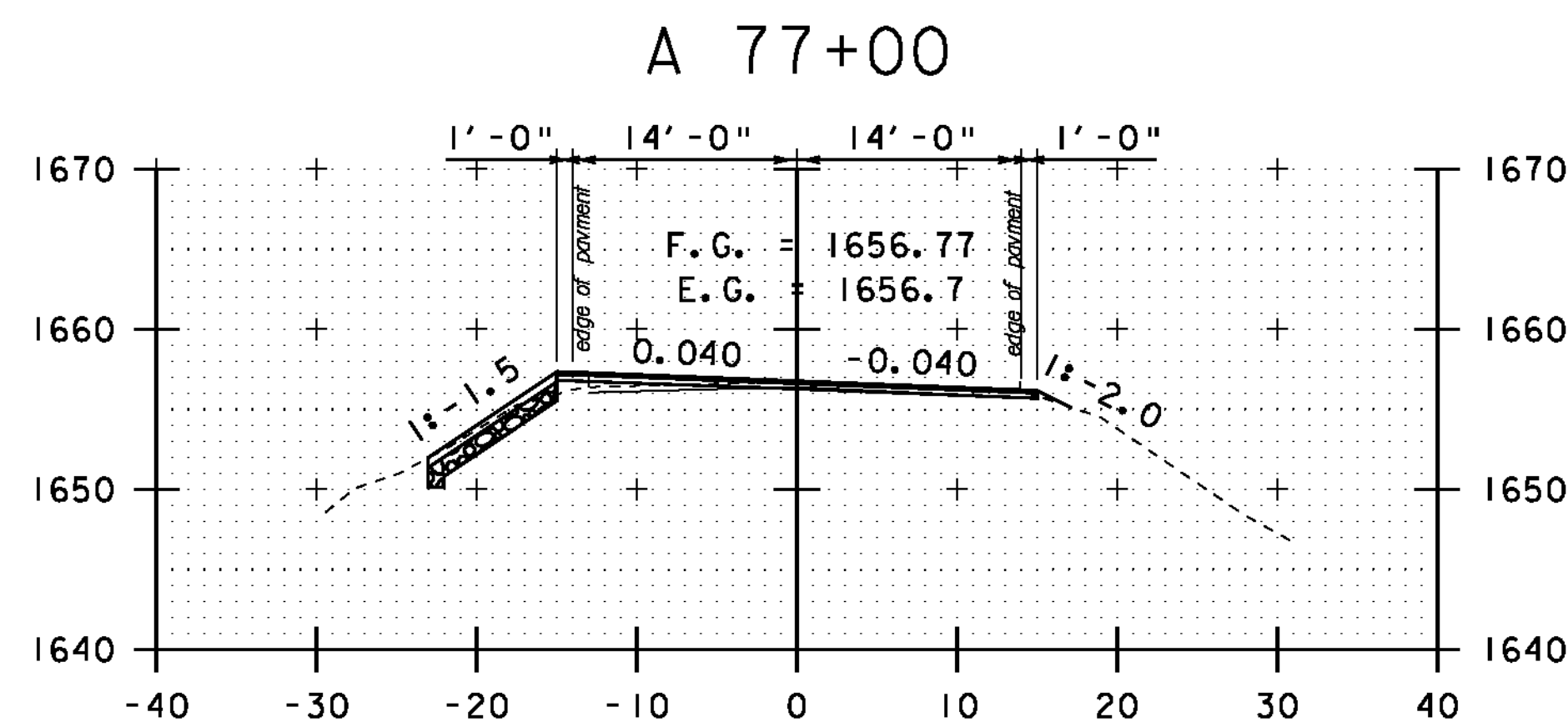
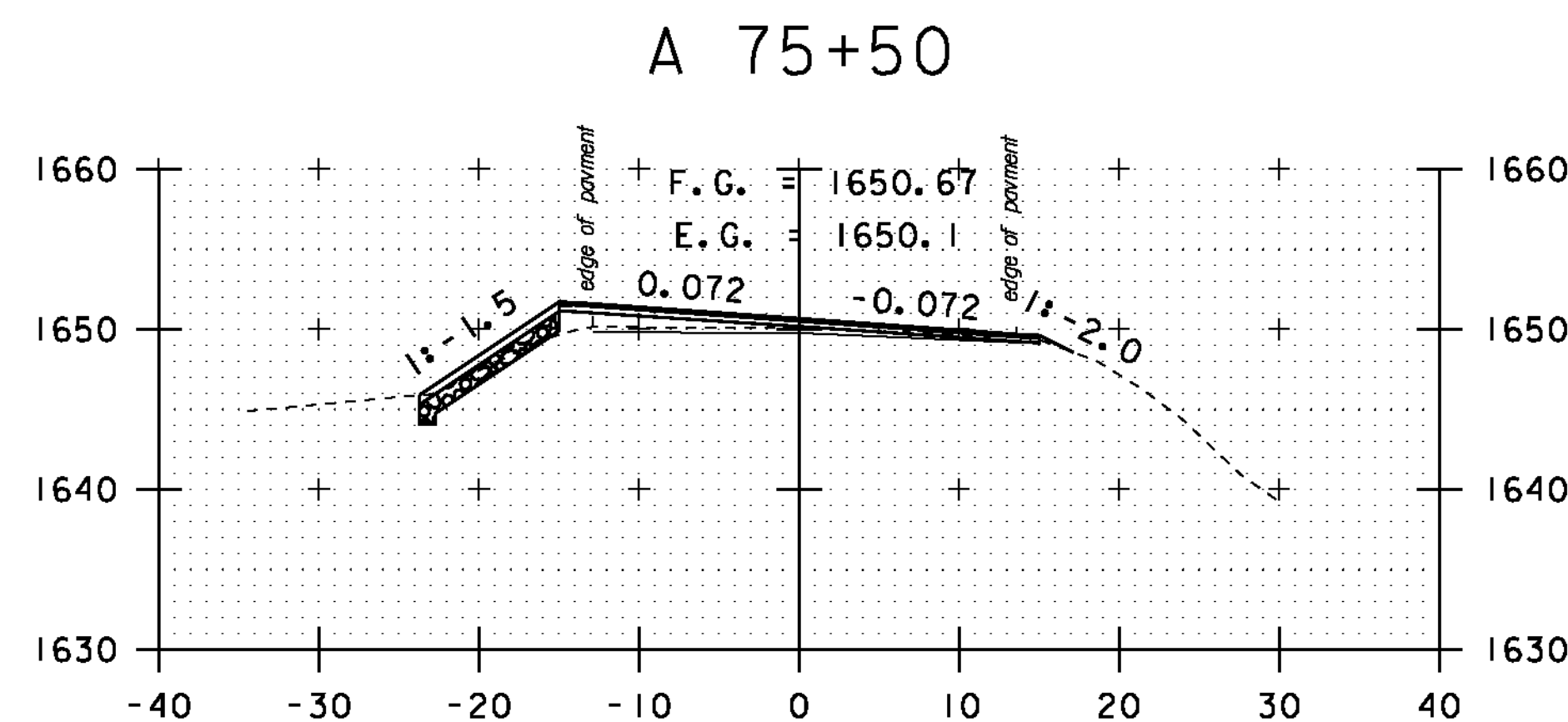
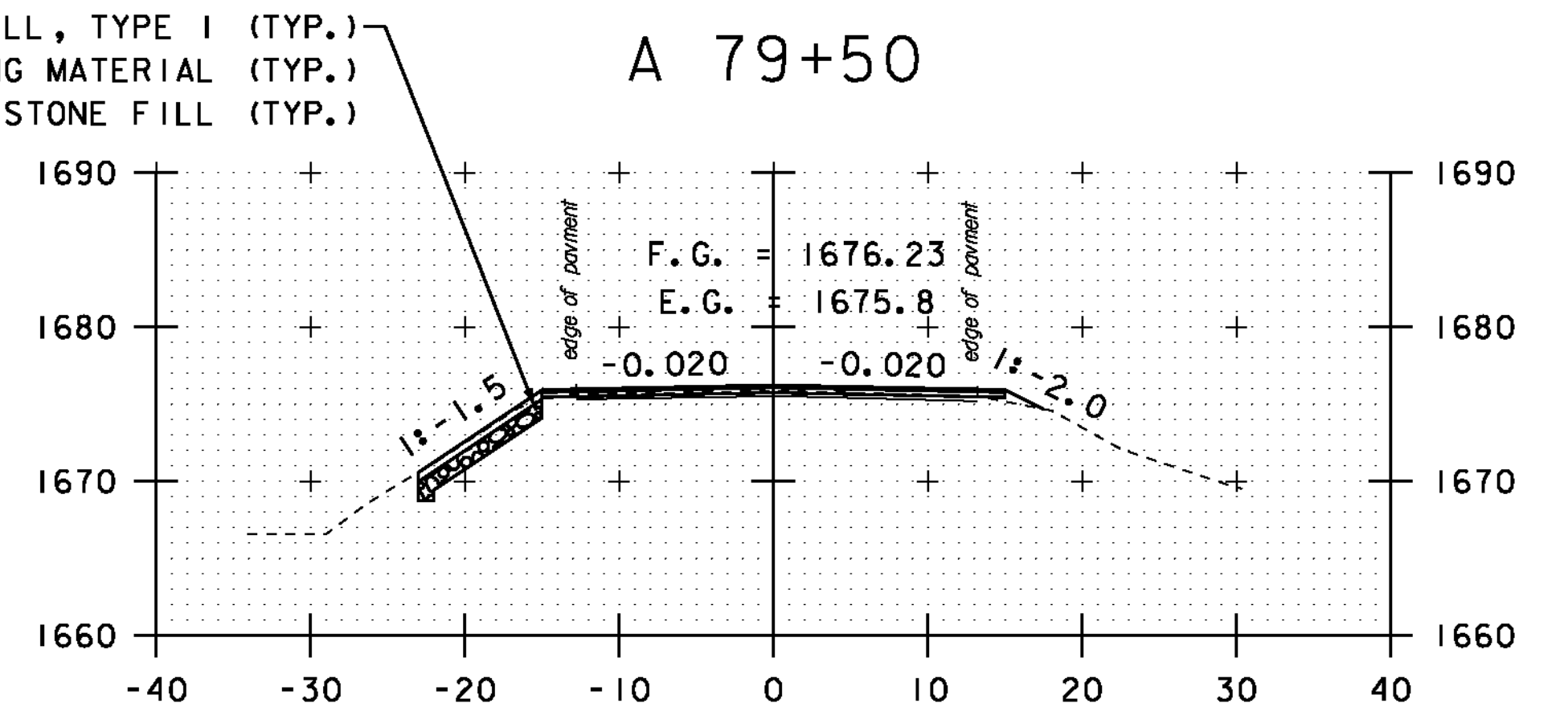
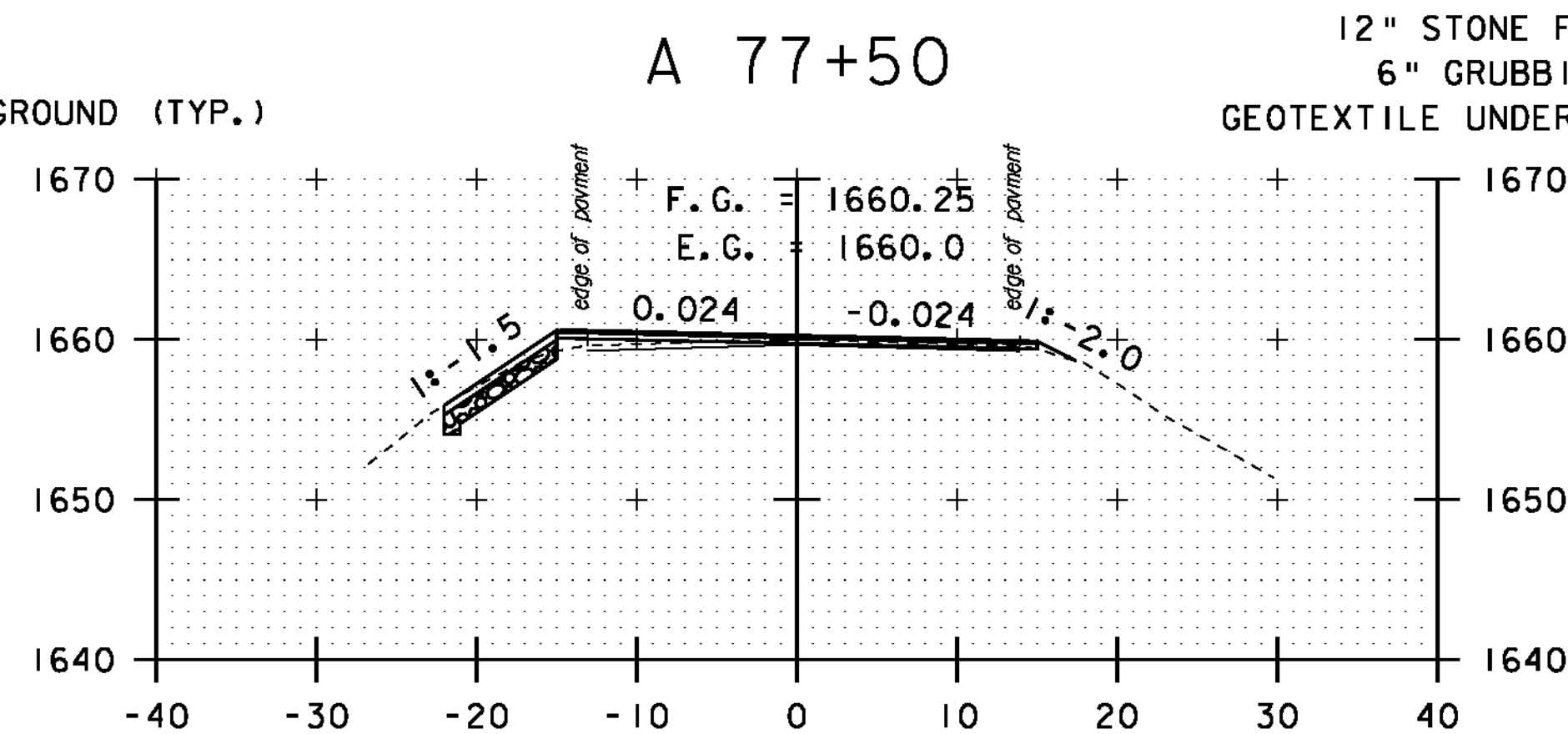
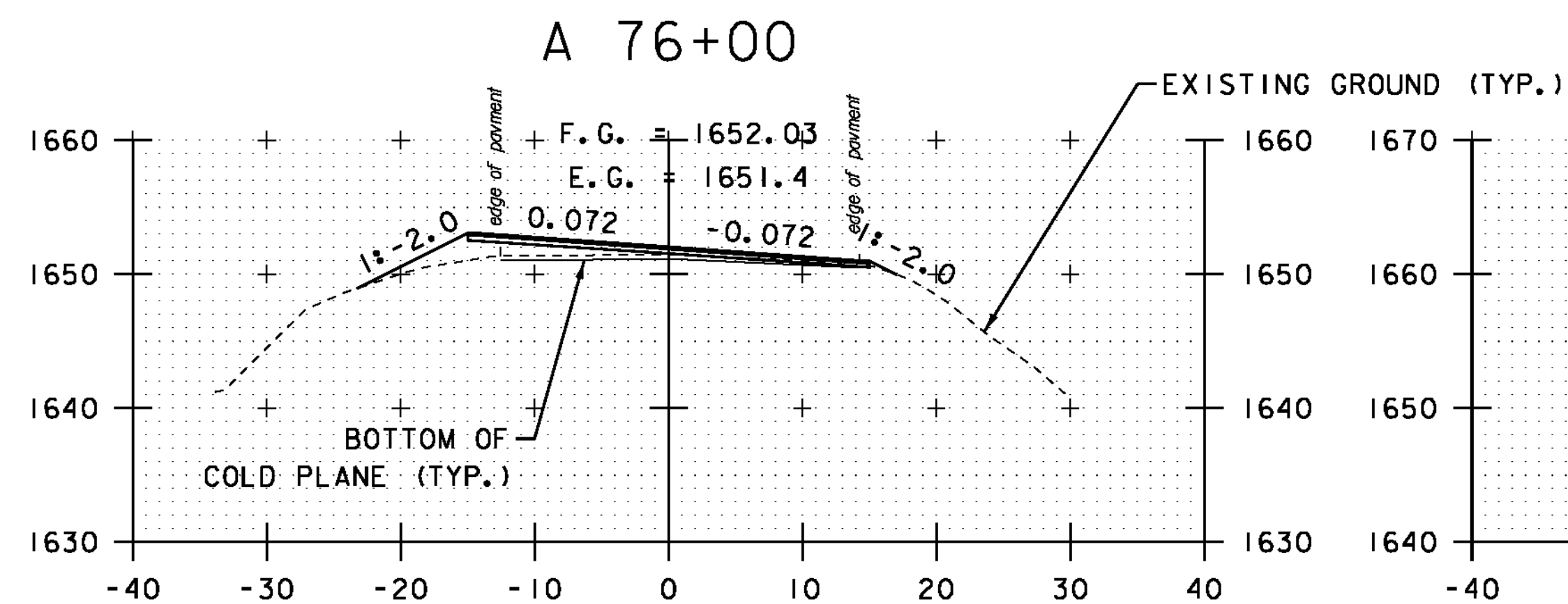
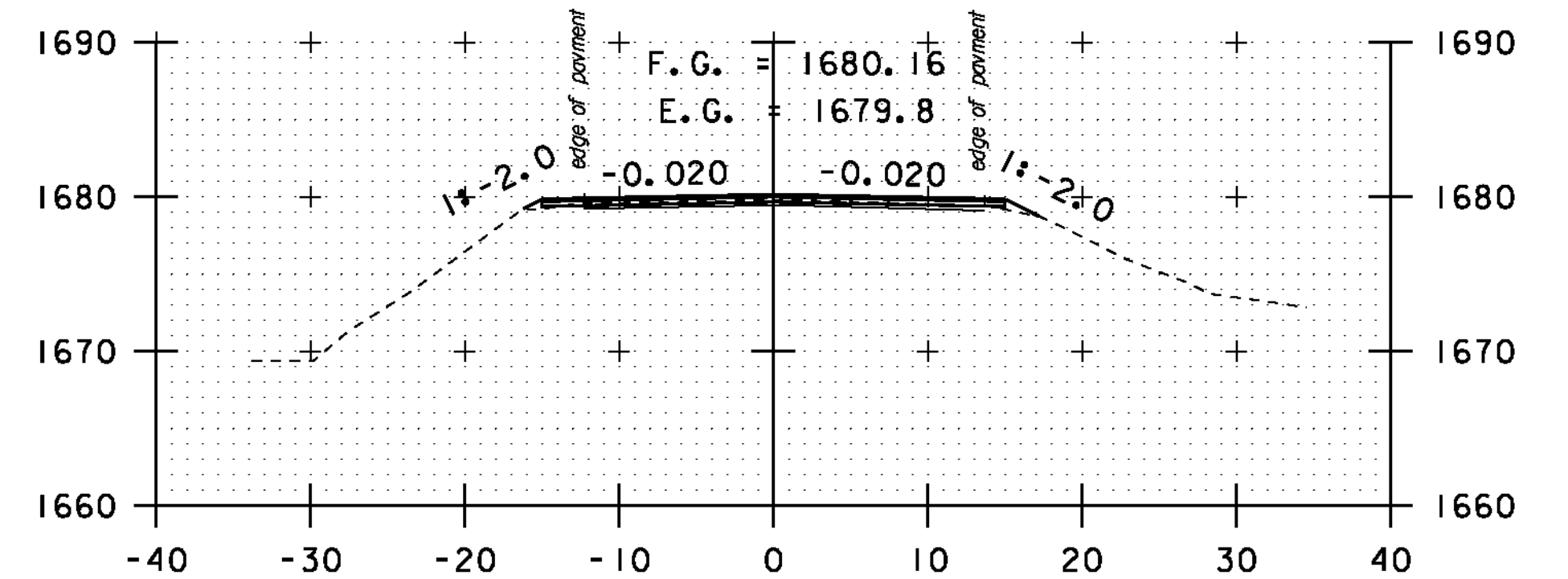
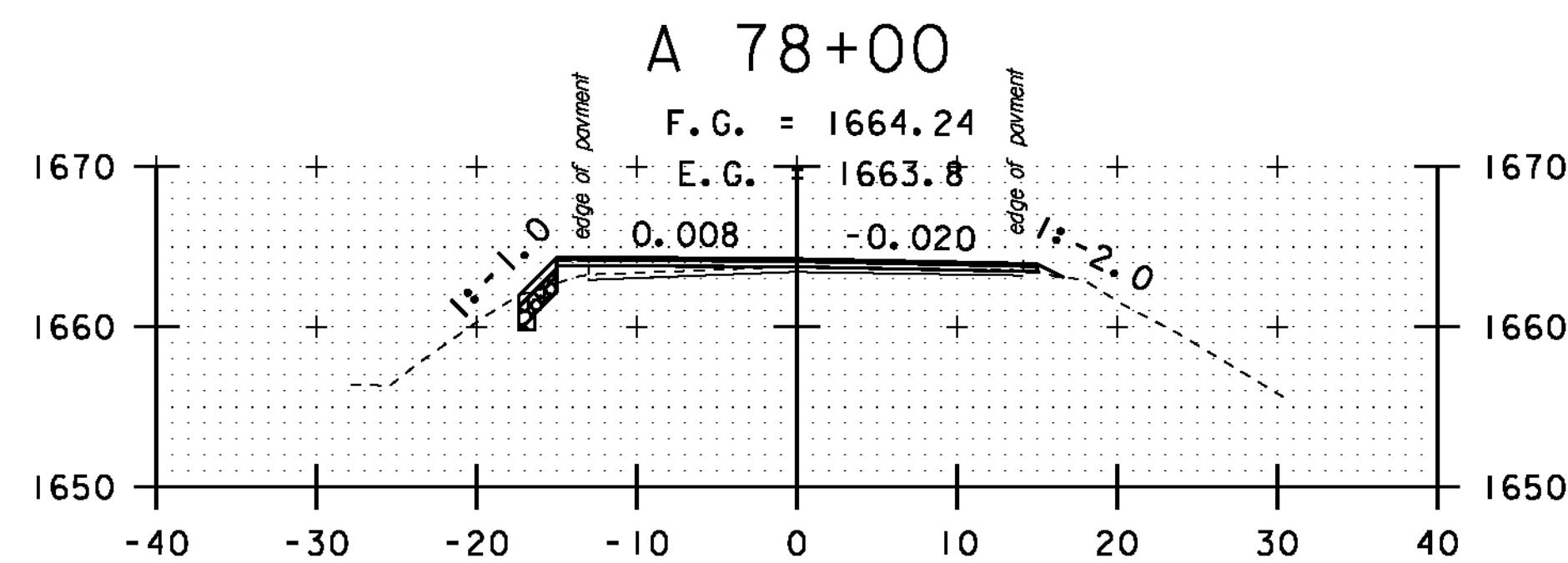
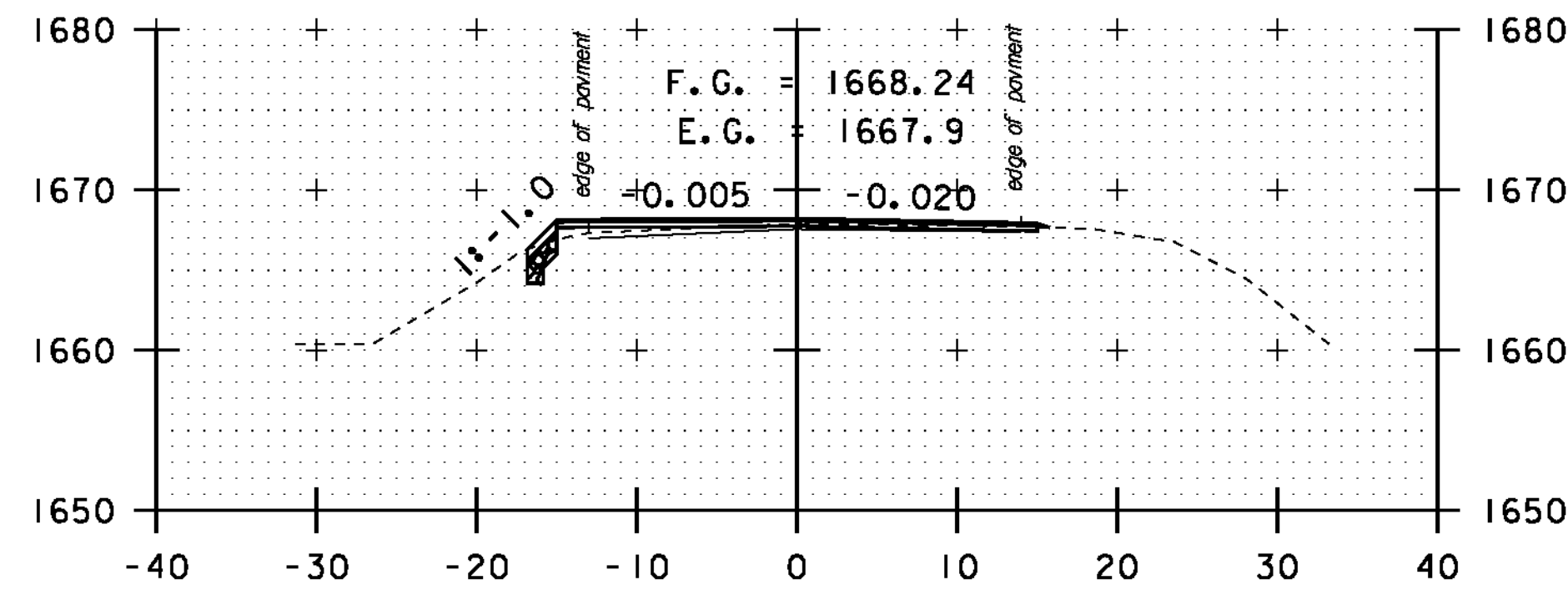
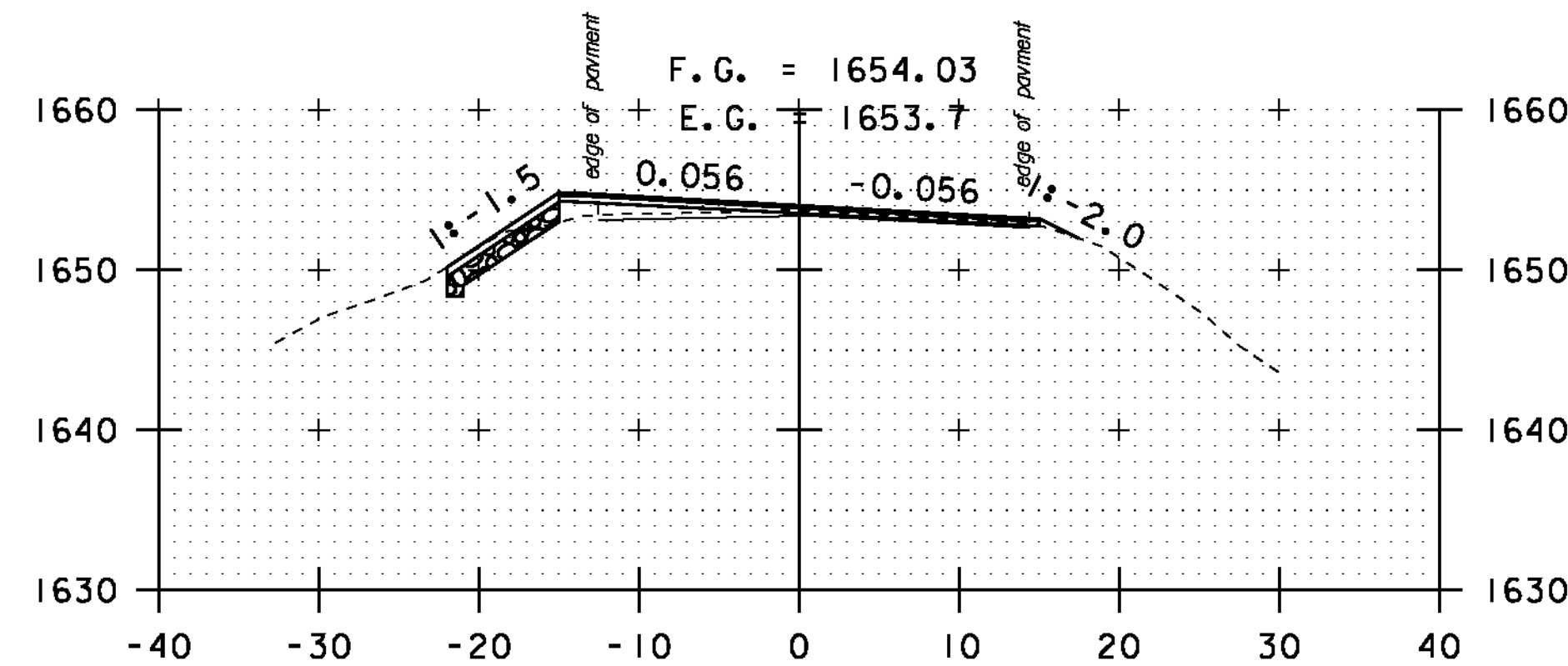
A 73+50

STA. A 70+00 TO STA. A 74+50

SCALE 1" = 10'-0"

**CROSS
SECTION
SHEET 50**

PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(1)
FILE NAME: p10CI90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10CI90_164.1
PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: CDL
SHEET 164 OF 178



A 75+00

A 76+50

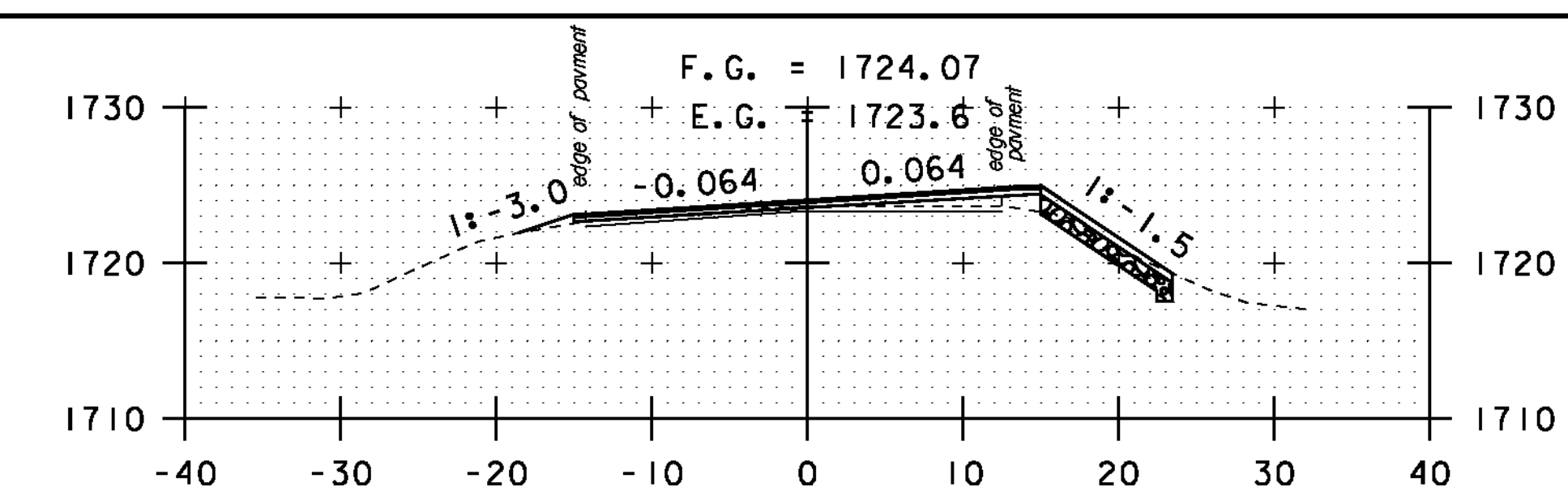
A 78+50

STA. A 75+00 TO STA. A 79+50

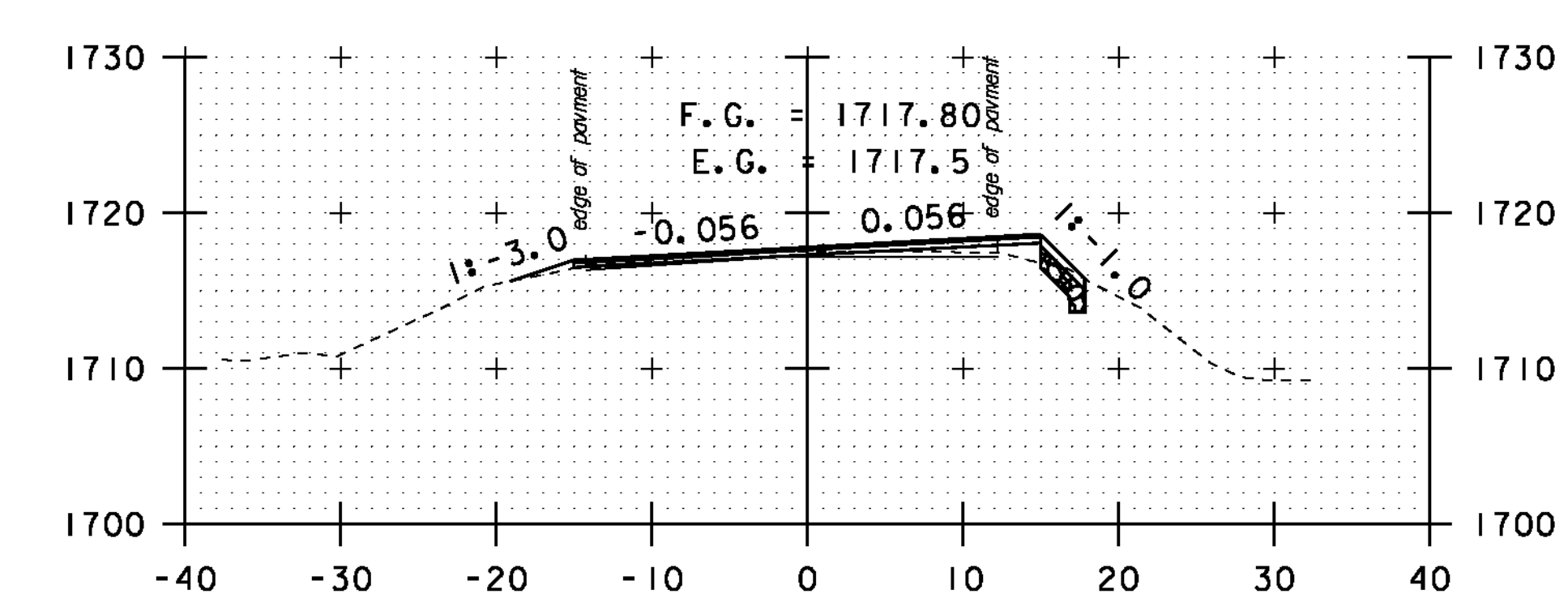
SCALE 1" = 10'-0"

**CROSS
SECTION
SHEET 51**

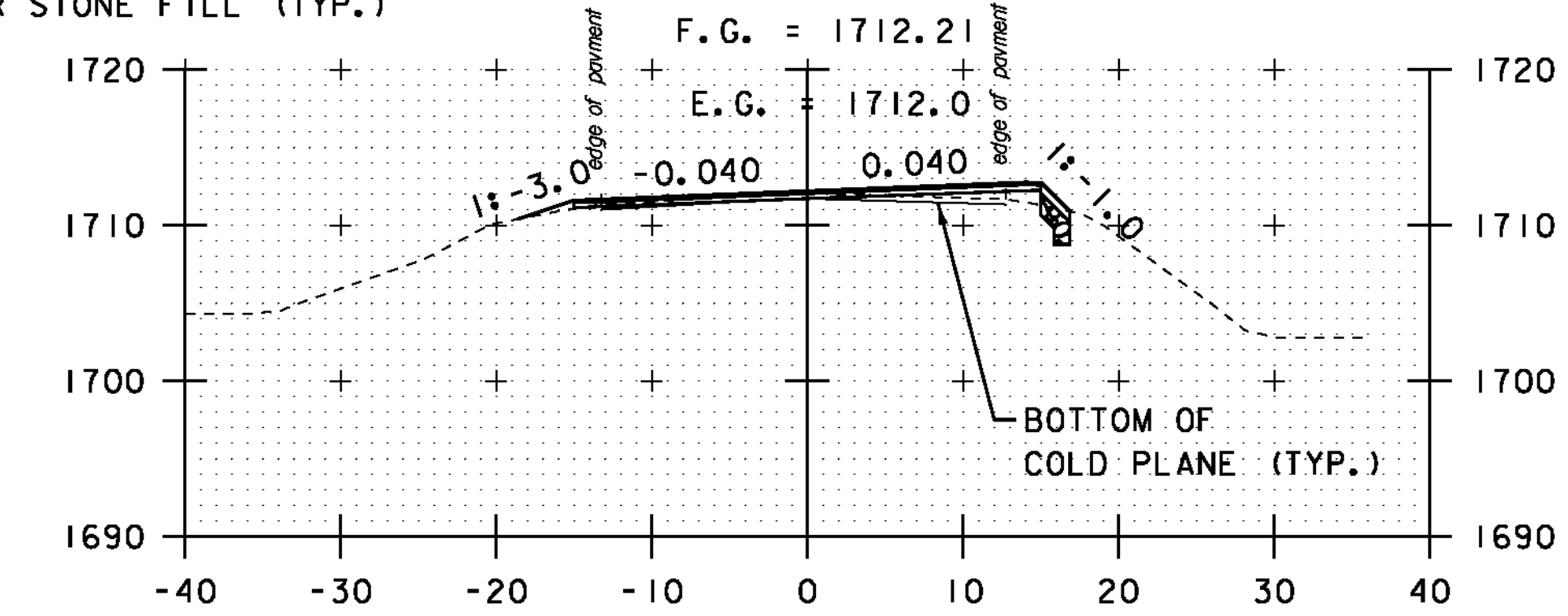
PROJECT NAME: MONTGOMERY-WESTFIELD	
PROJECT NUMBER: STP 2906(1)	
FILE NAME: p10CI90.dgn	PLOT DATE: 9/5/12
PROJECT LEADER: CDL	DRAWN BY: SJL
DESIGNED BY: SJL	CHECKED BY: CDL
PLOT FILE: p10CI90_165.1	SHEET 165 OF 178



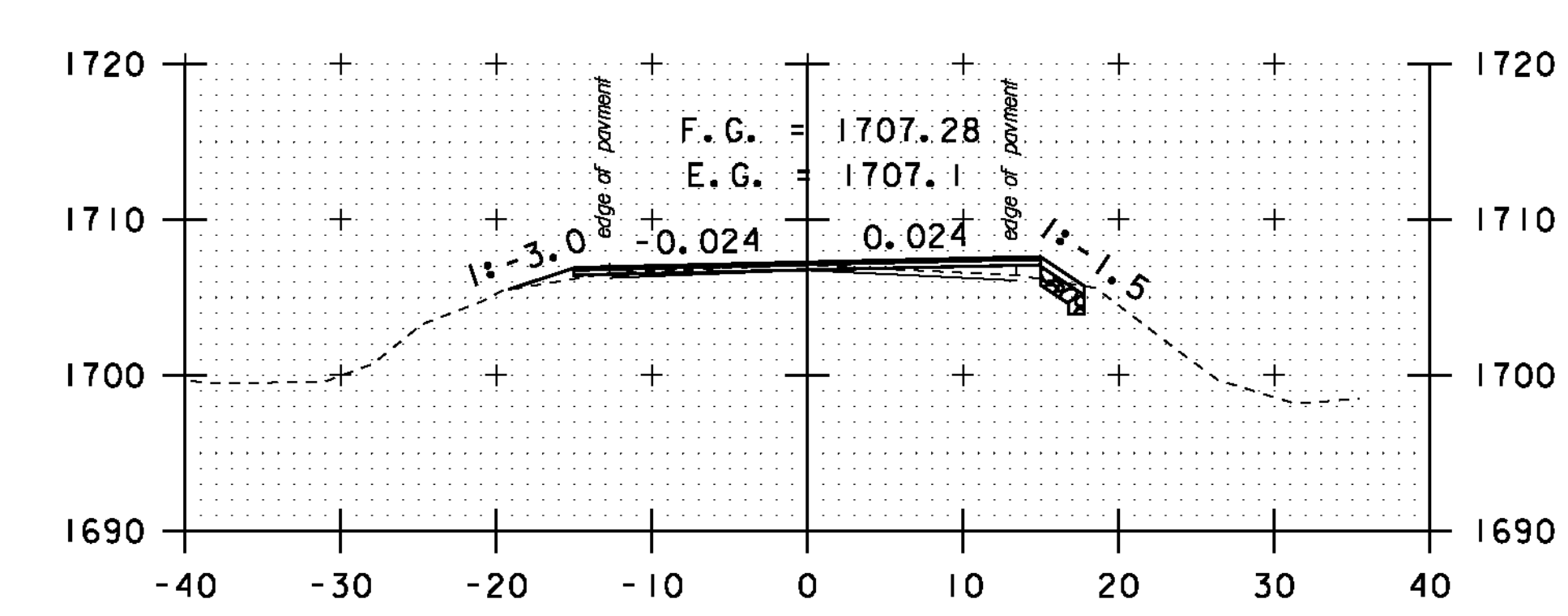
A 84+50



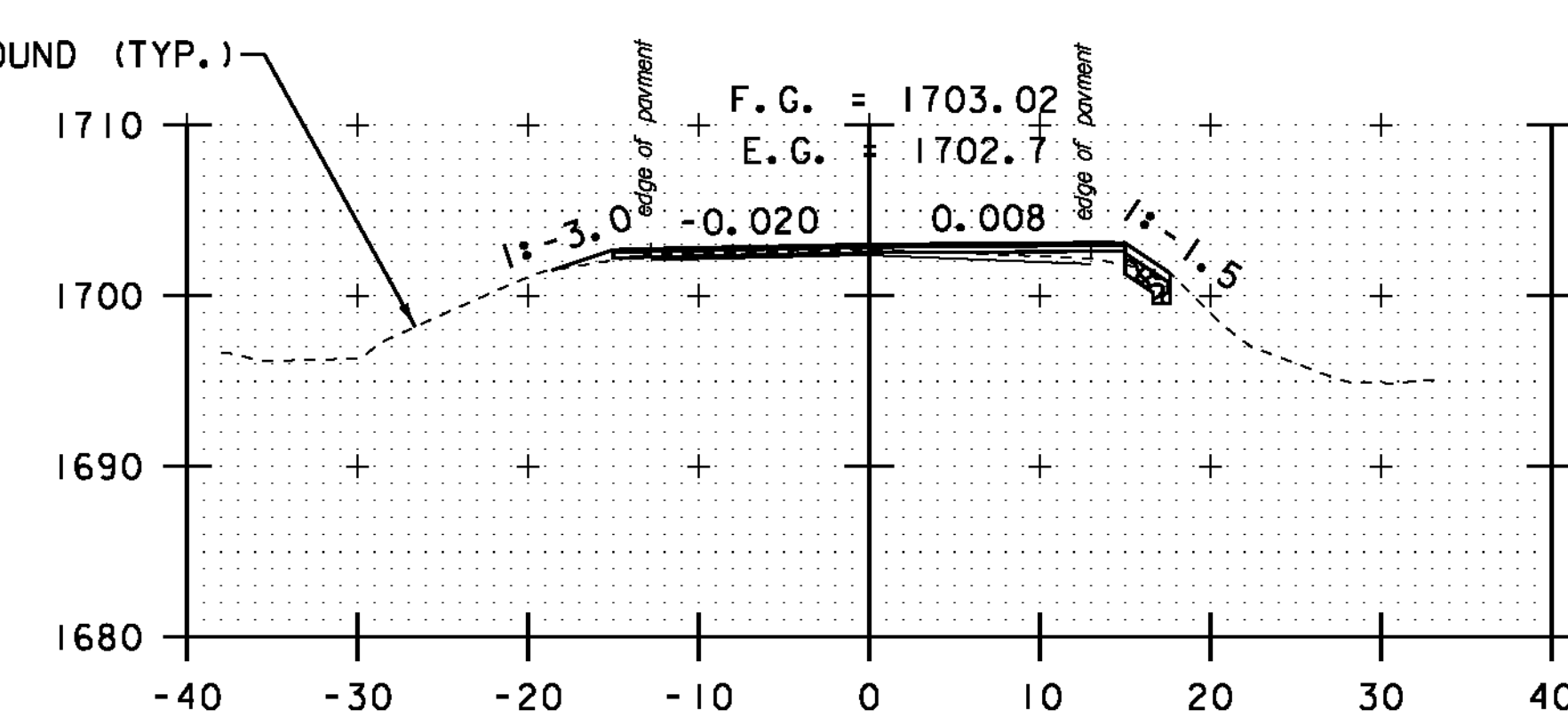
A 84+00



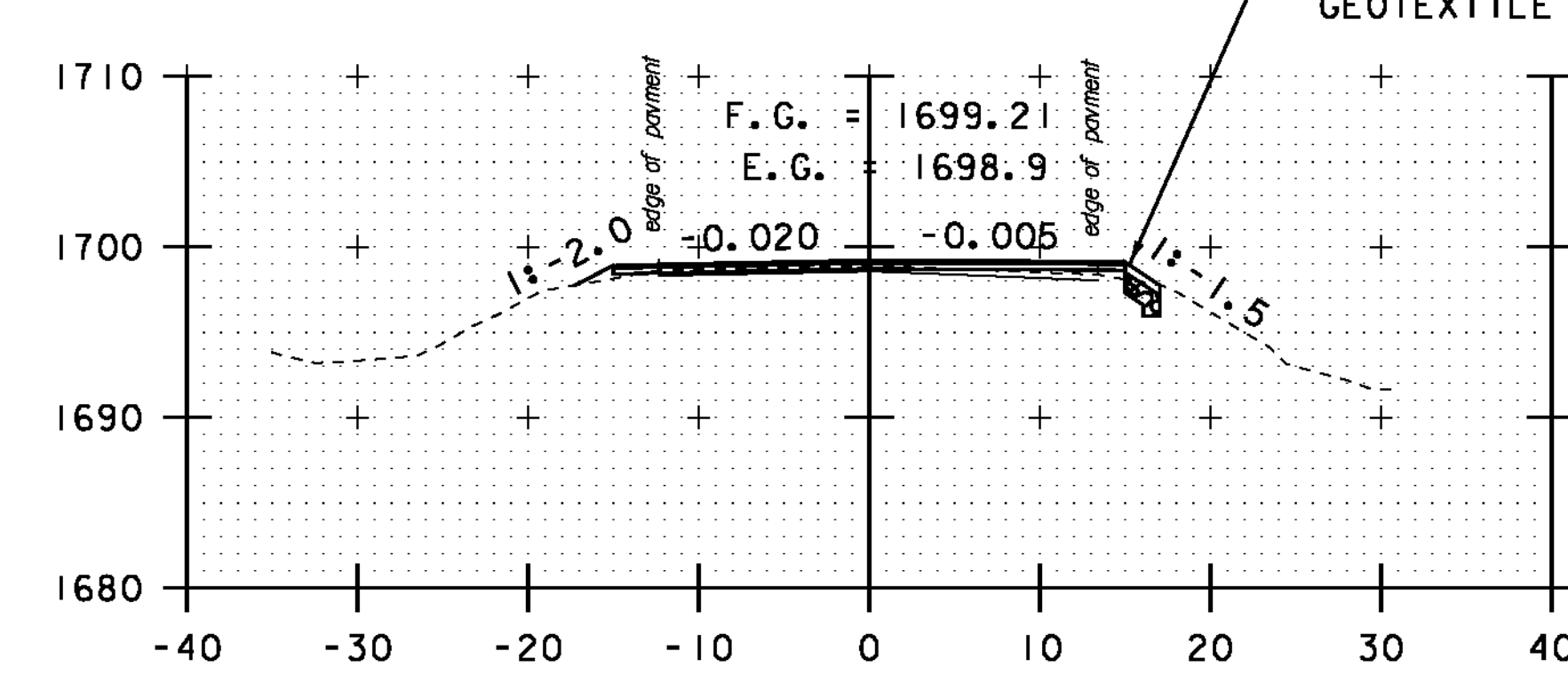
A 83+50



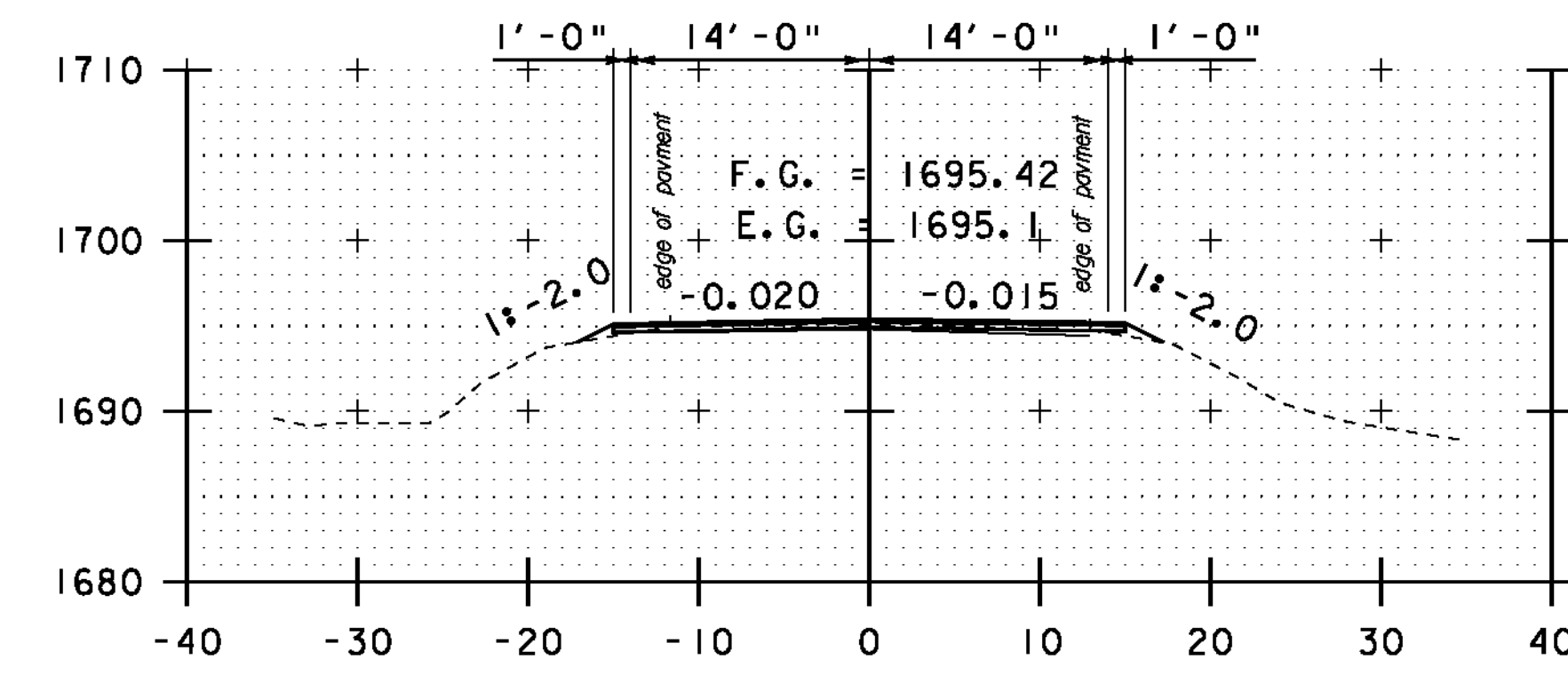
A 83+00



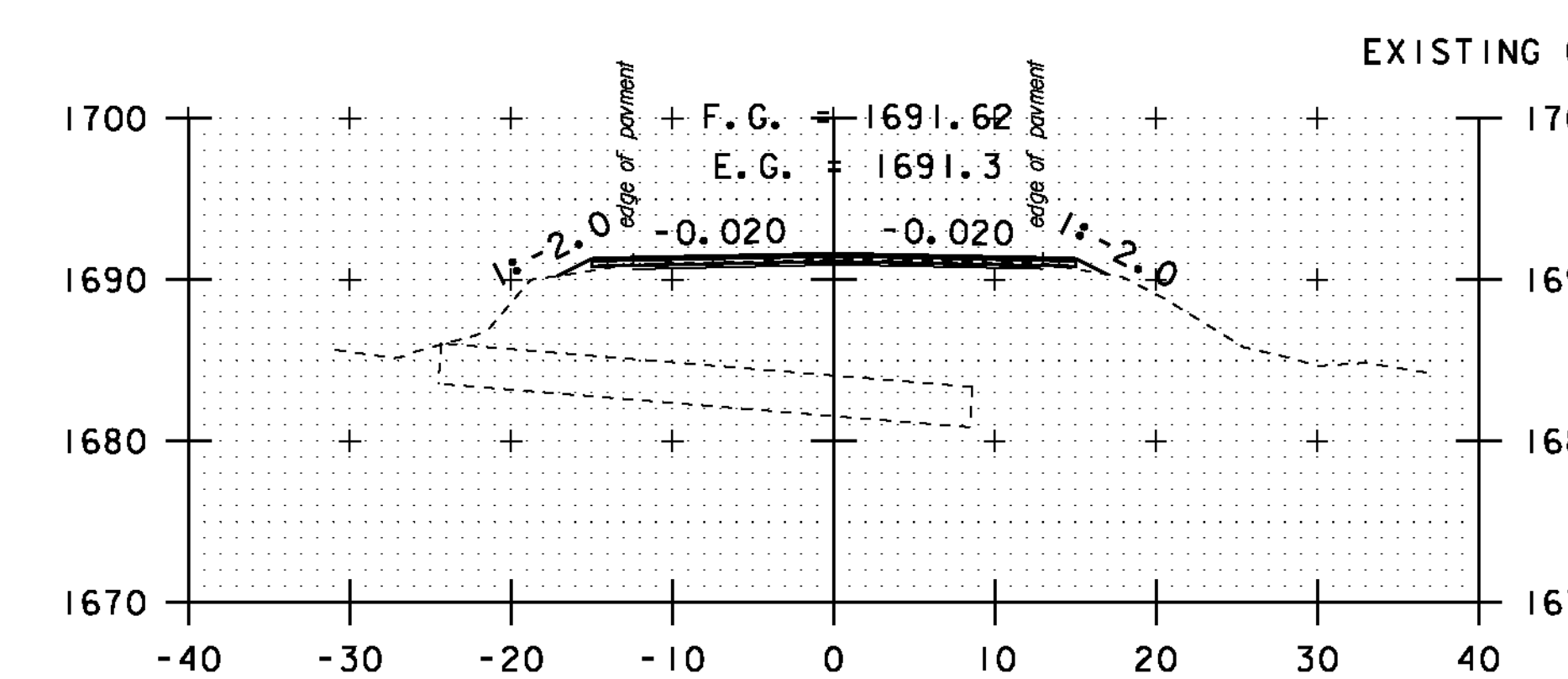
A 82+50



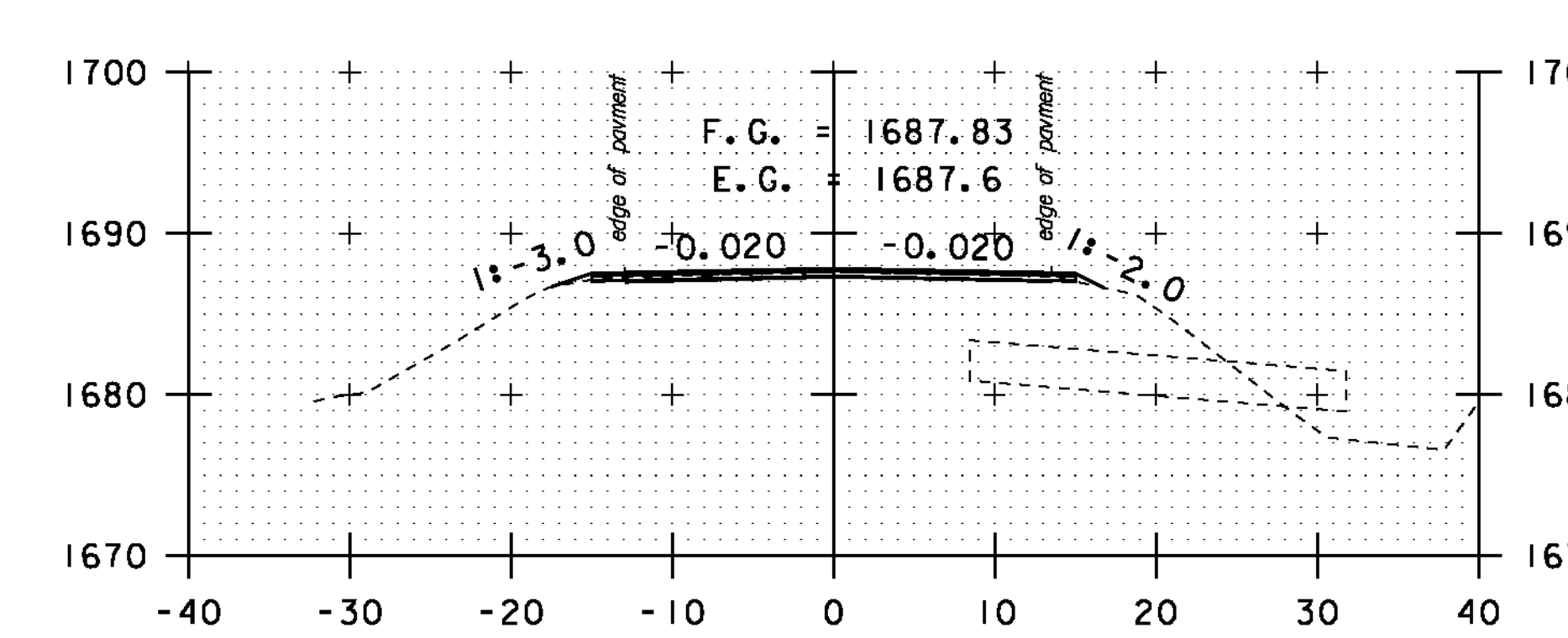
A 82+00



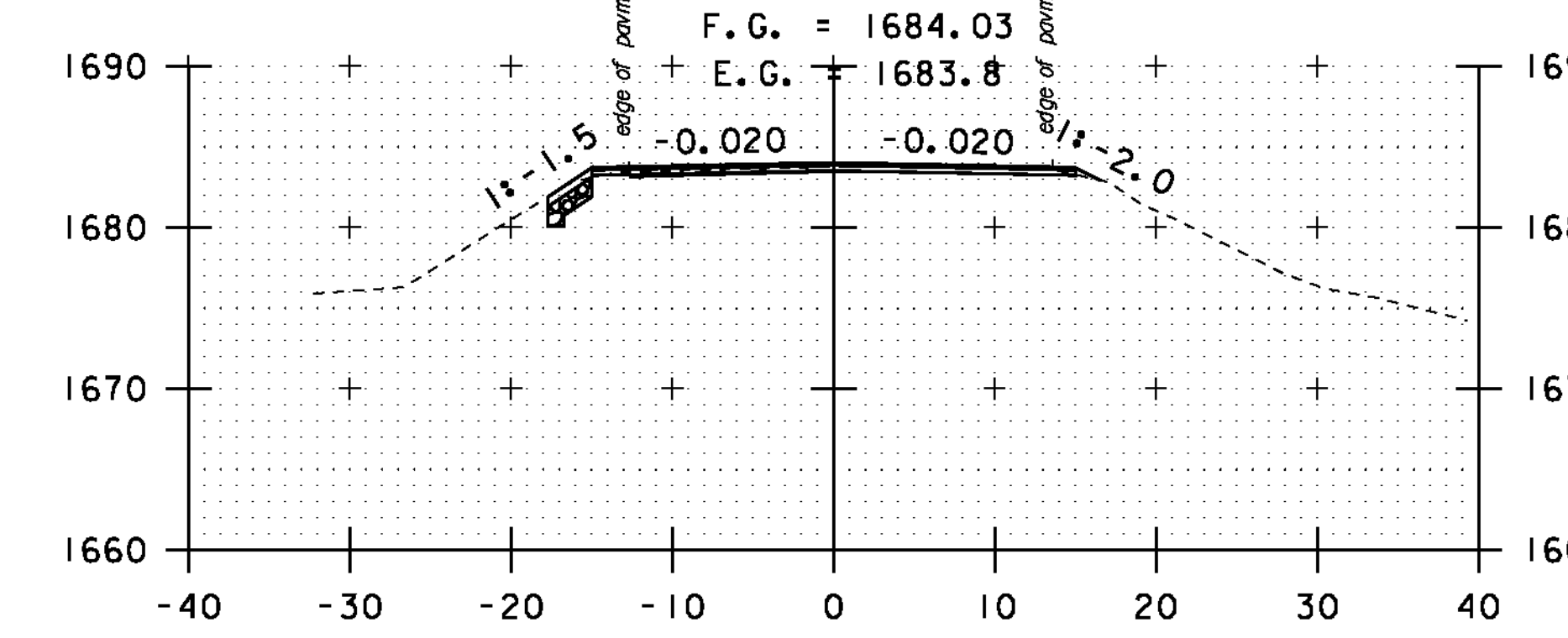
A 81+50



A 81+00

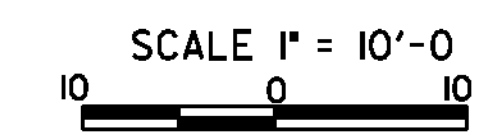


A 80+50



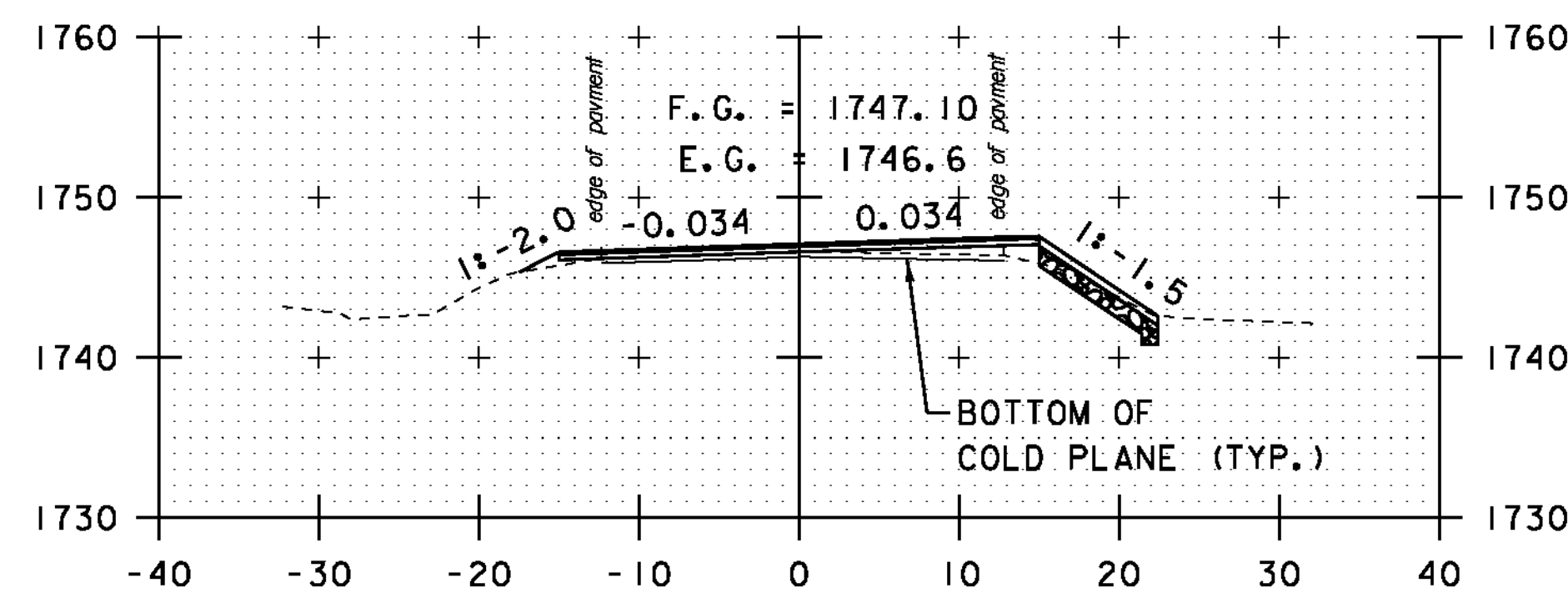
A 80+00

STA. A 80+00 TO STA. A 84+50

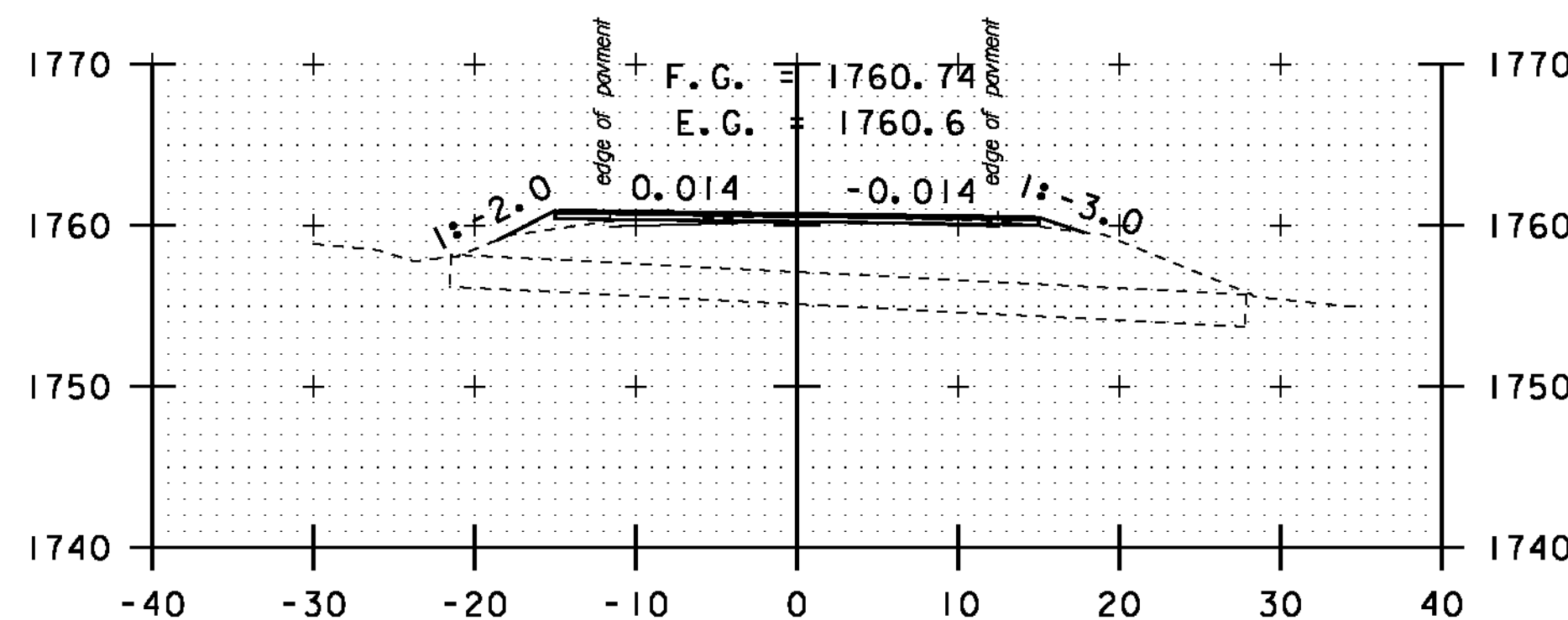


CROSS SECTION SHEET 52

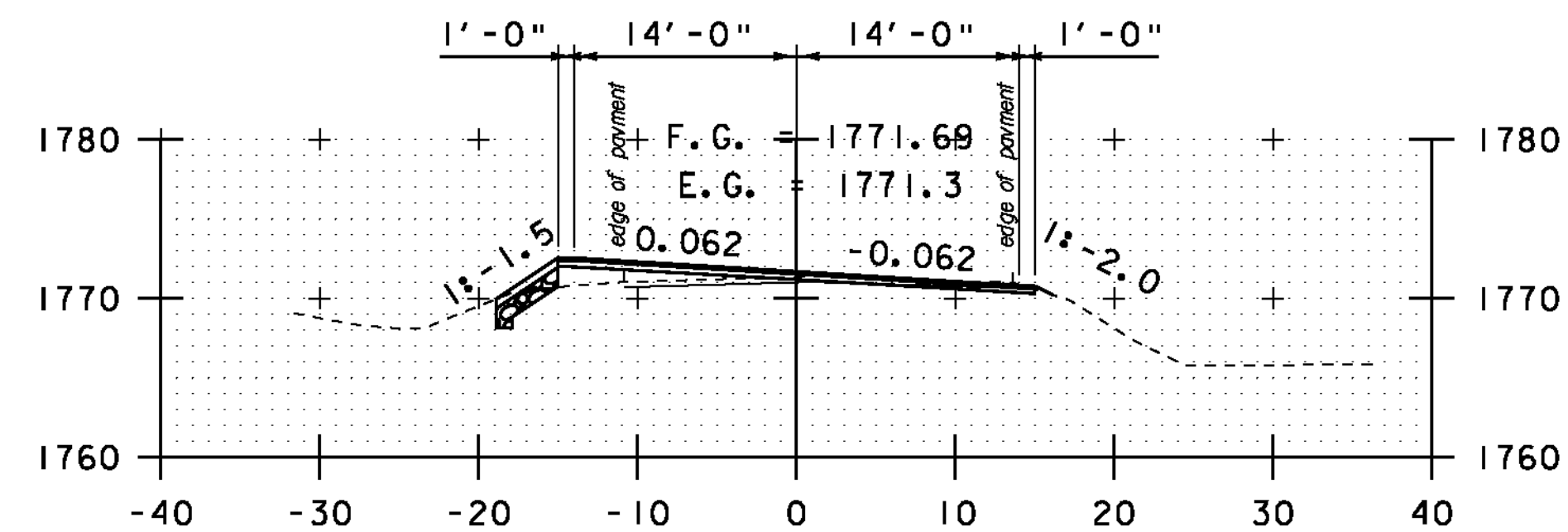
PROJECT NAME:	MONTGOMERY-WESTFIELD
PROJECT NUMBER:	STP 2906(I)
FILE NAME:	p10CI90.dgn
PROJECT LEADER:	CDL
DESIGNED BY:	SJL
PLOT FILE:	p10CI90_166.1
PLOT DATE:	9/5/12
DRAWN BY:	SJL
CHECKED BY:	CDL
SHEET	166 OF 178



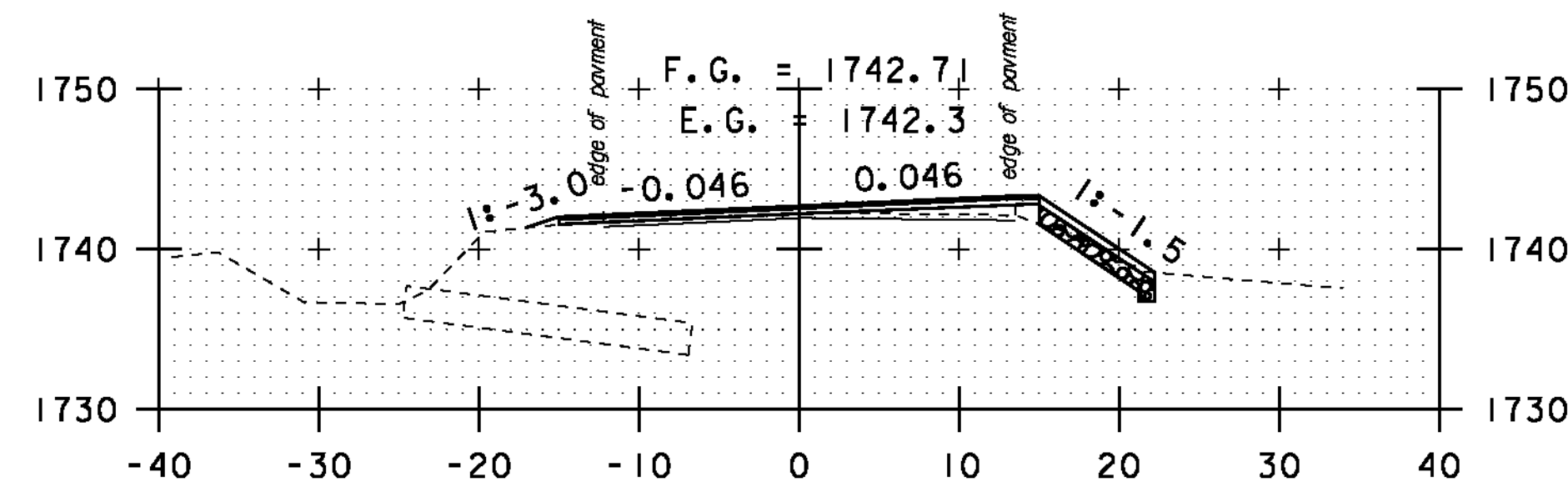
A 86+50



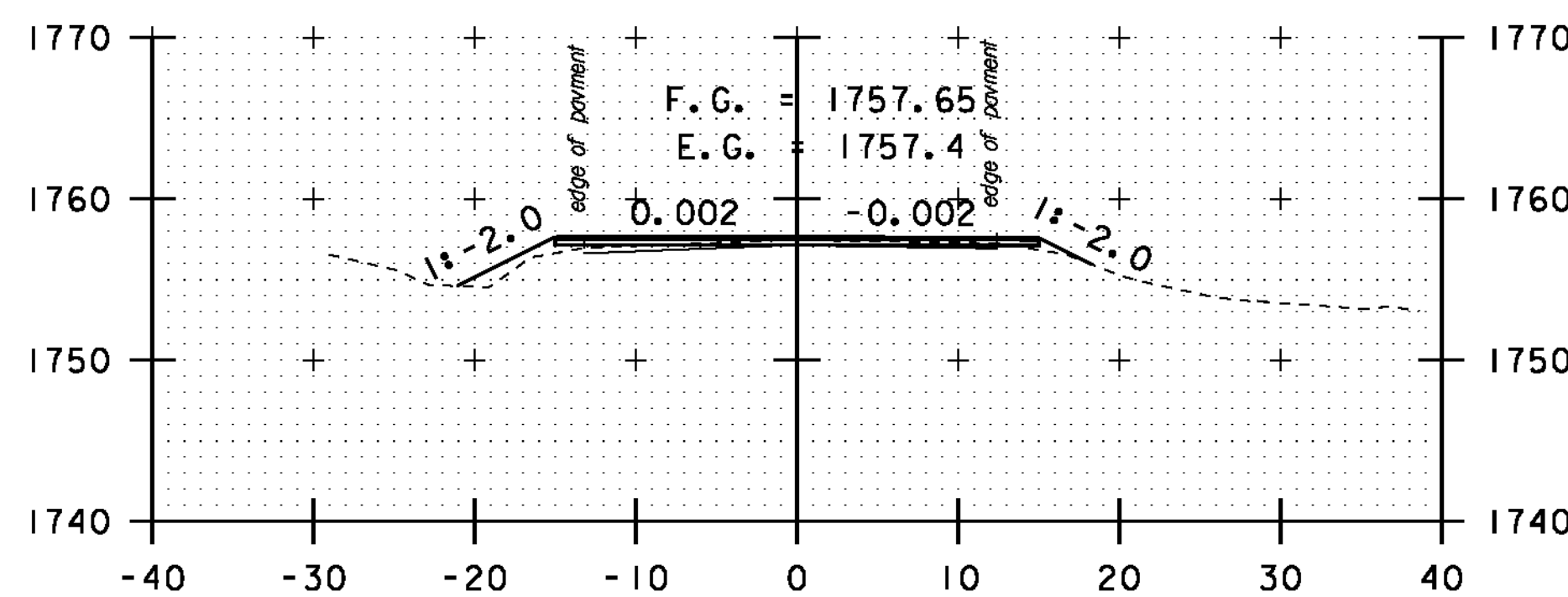
A 88+50



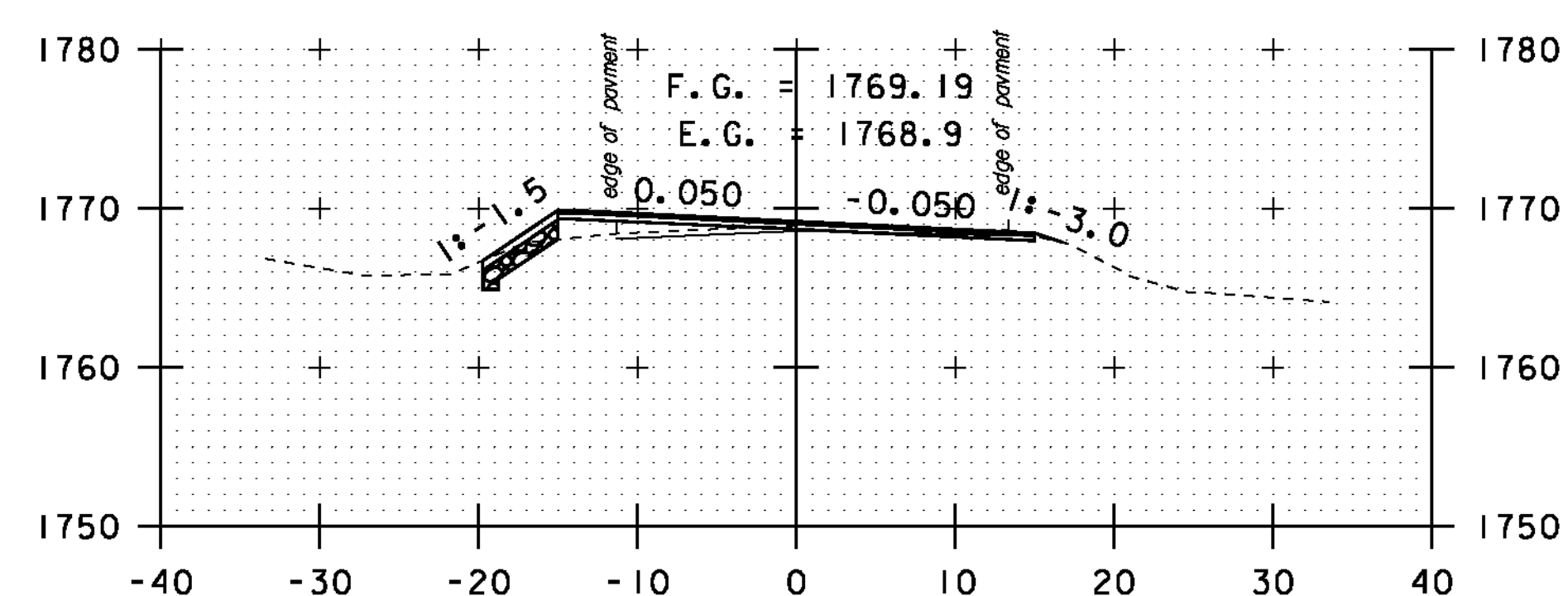
A 90+50



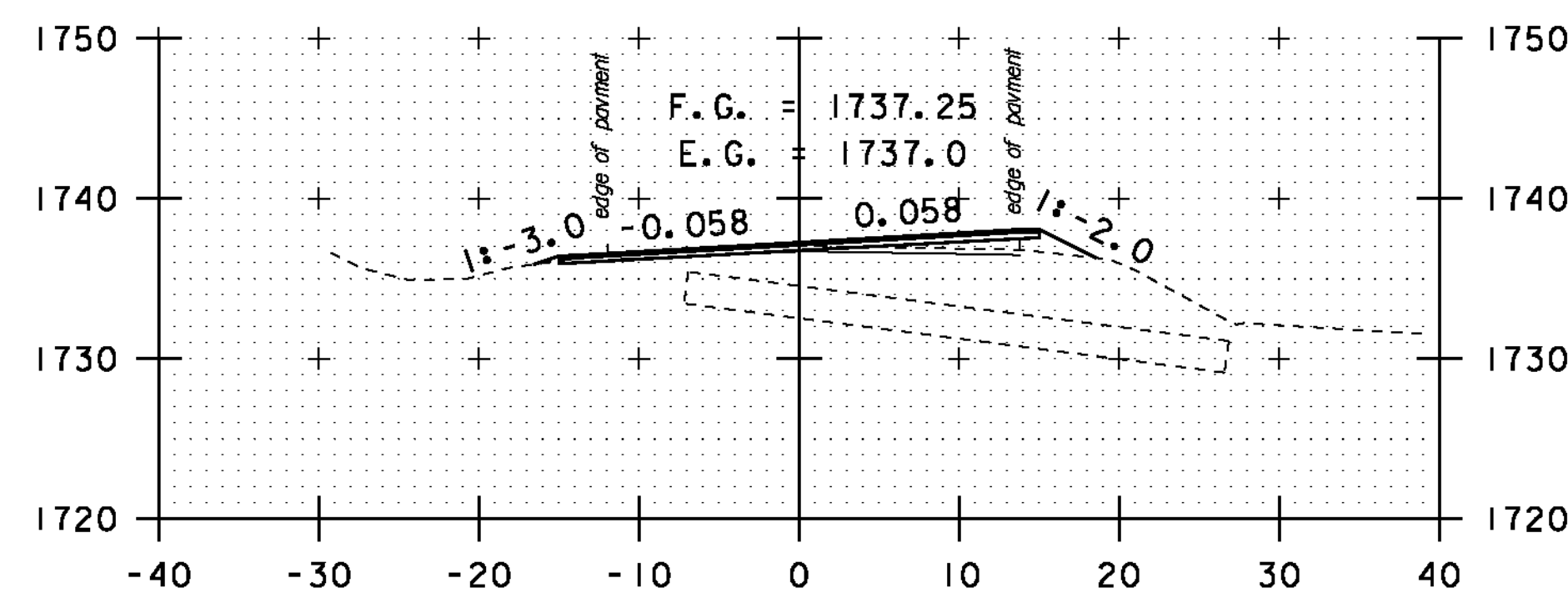
A 86+00



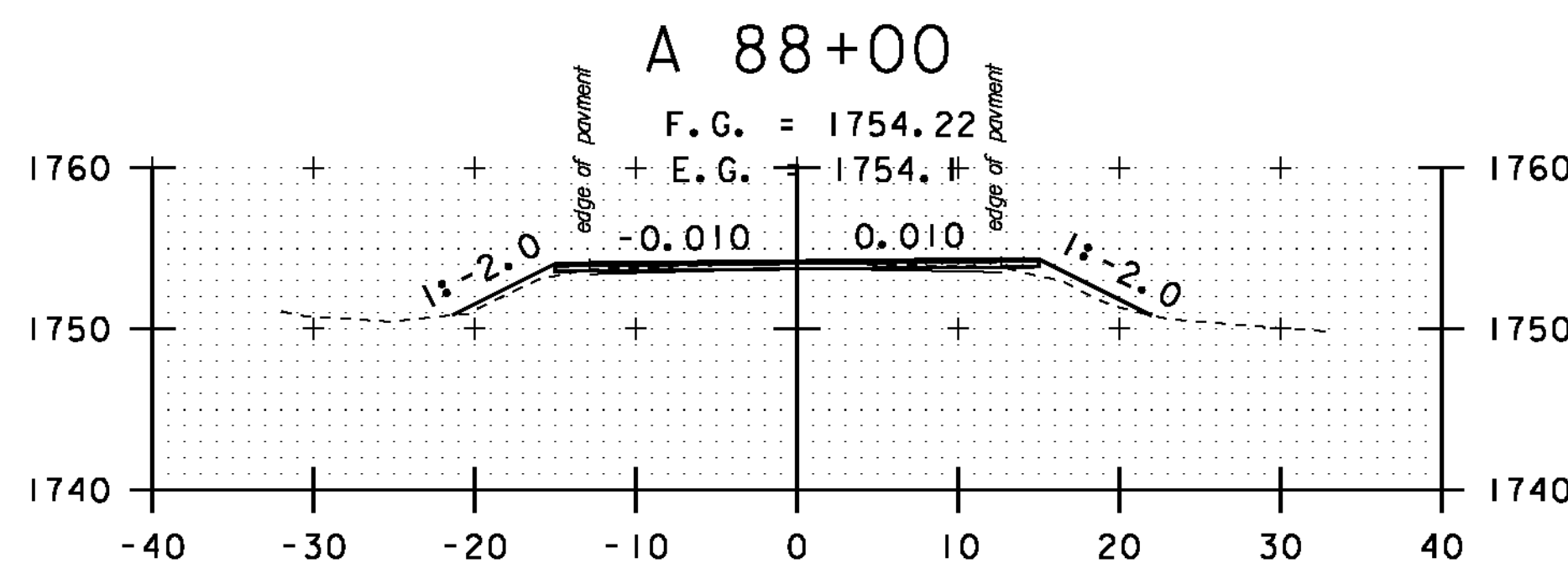
A 88+00



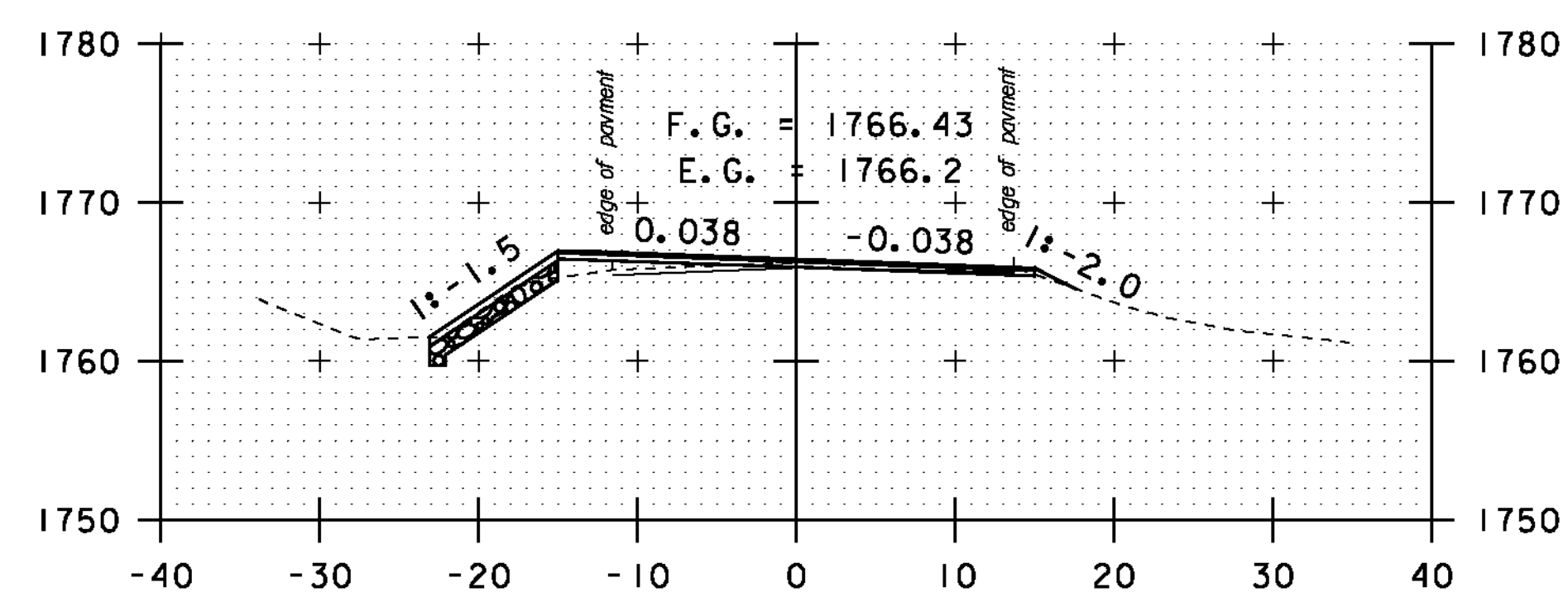
A 90+00



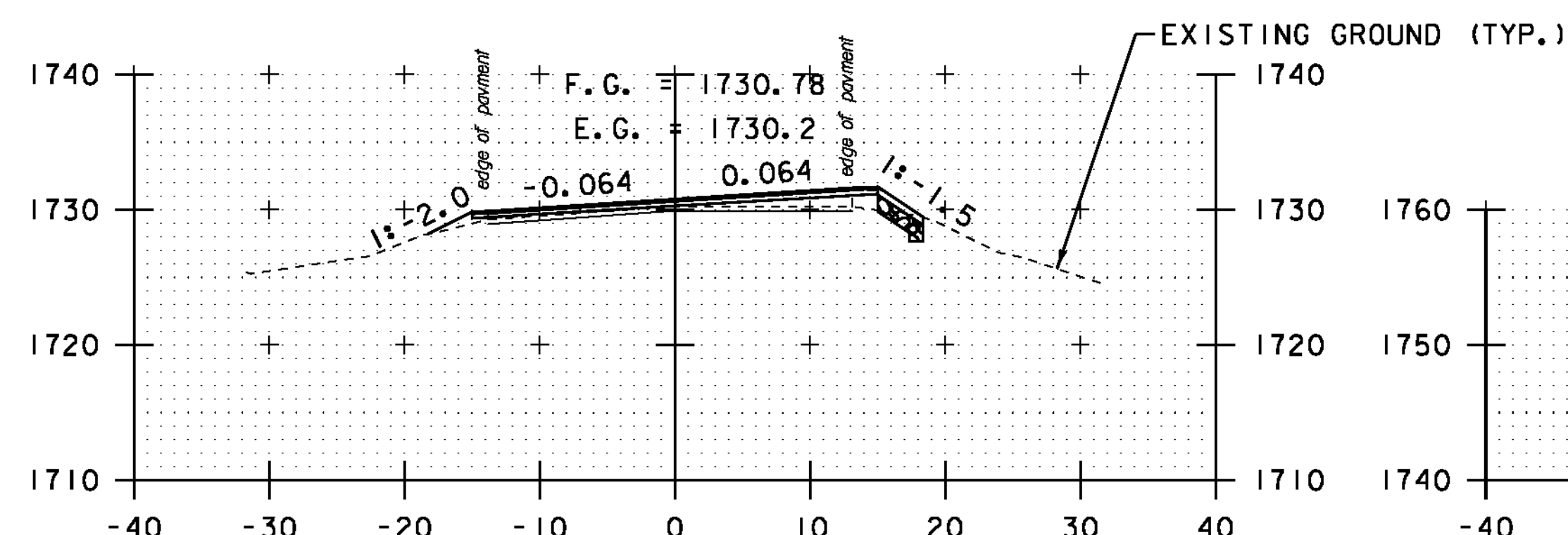
A 85+50



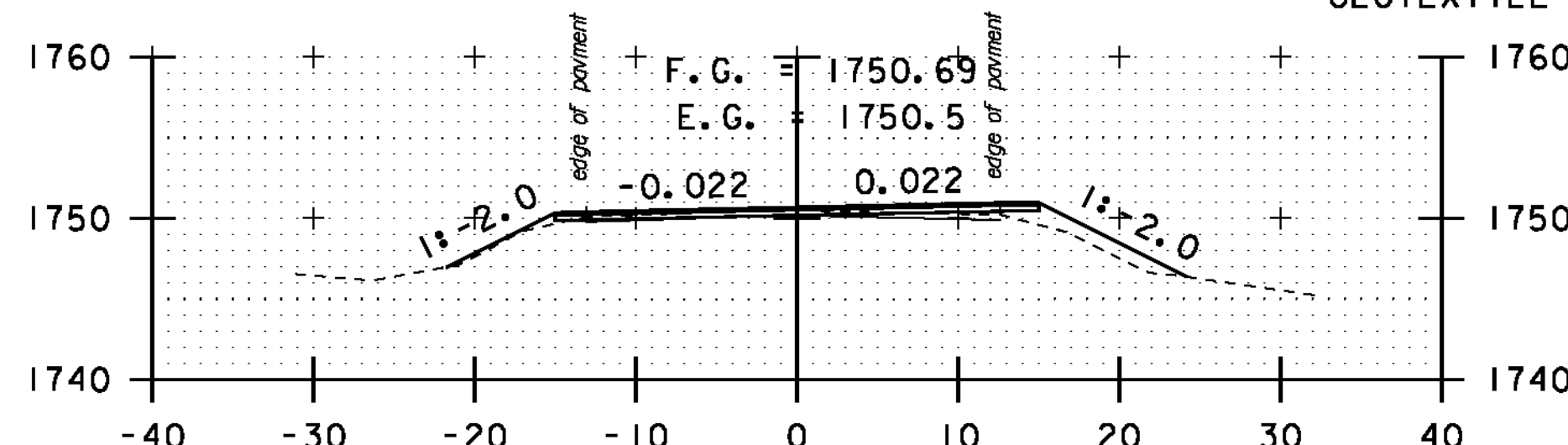
A 87+50



A 89+50

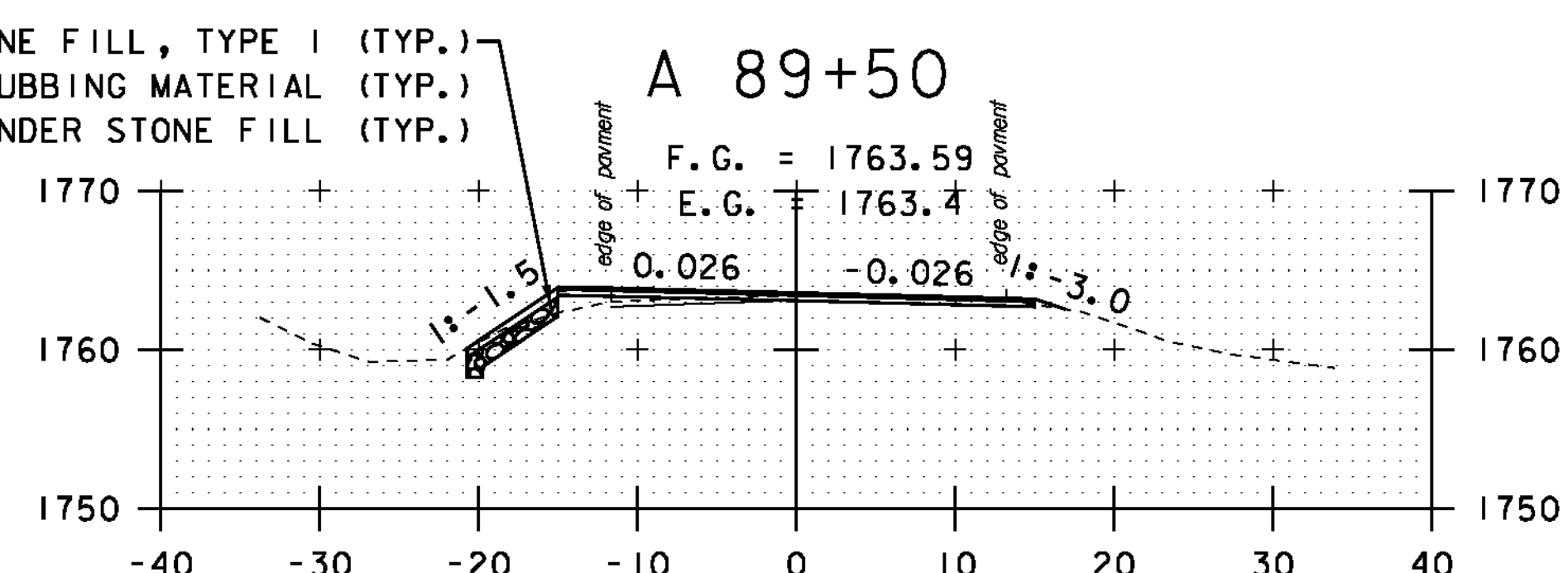


A 85+00



A 87+00

12" STONE FILL, TYPE I (TYP.)
6" GRUBBING MATERIAL (TYP.)
GEOTEXTILE UNDER STONE FILL (TYP.)



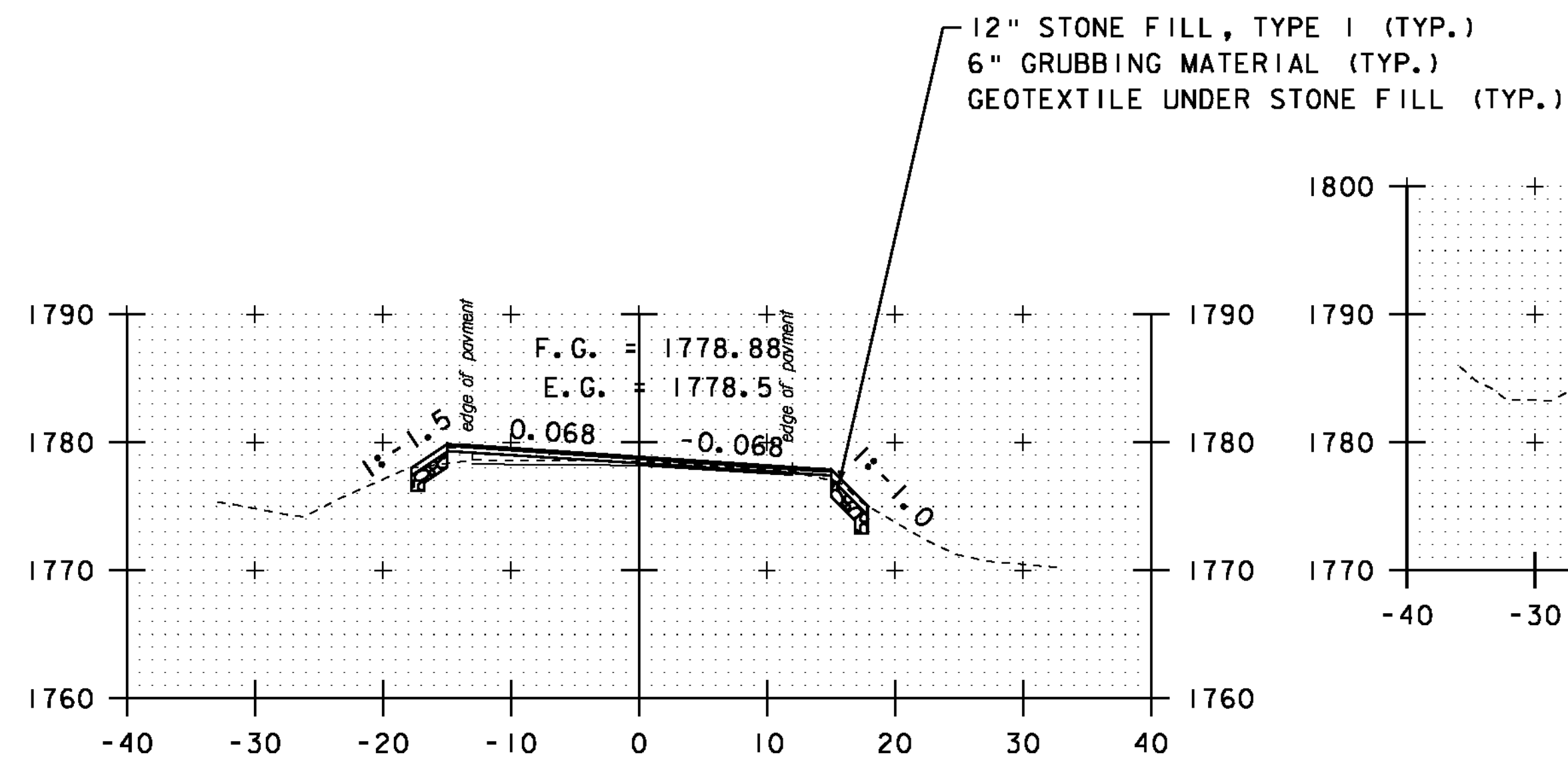
A 89+00

STA. A 85+00 TO STA. A 90+50

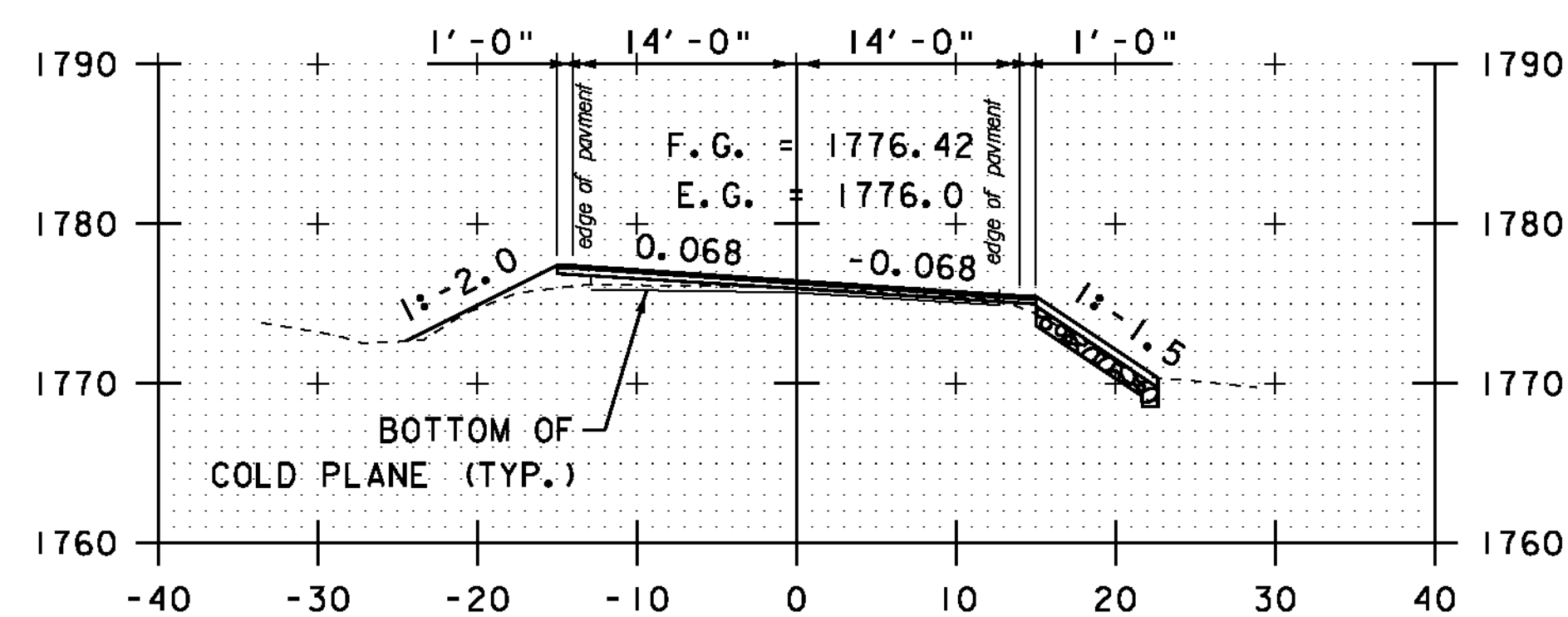
SCALE 1" = 10'-0"
10 0 10

**CROSS
SECTION
SHEET 53**

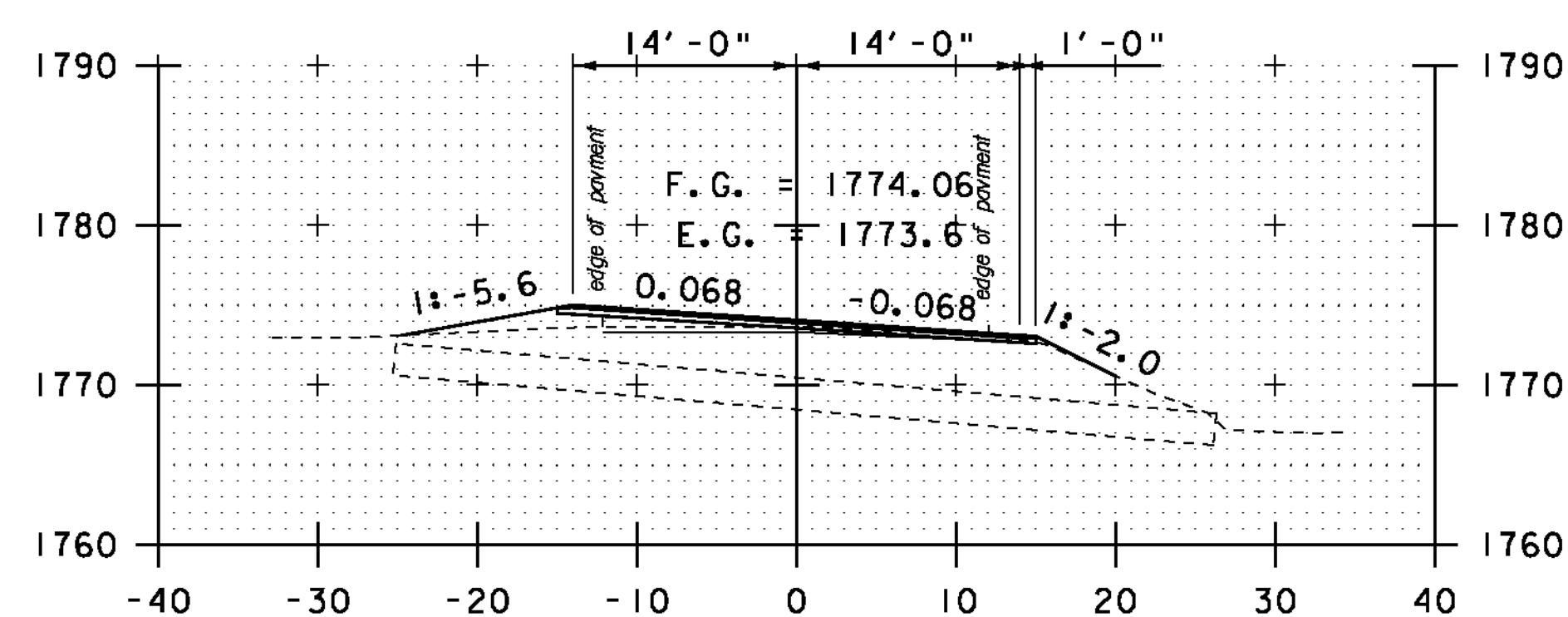
PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(I)
FILE NAME: p10CI90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10CI90_167.1
PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: CDL
SHEET 167 OF 178



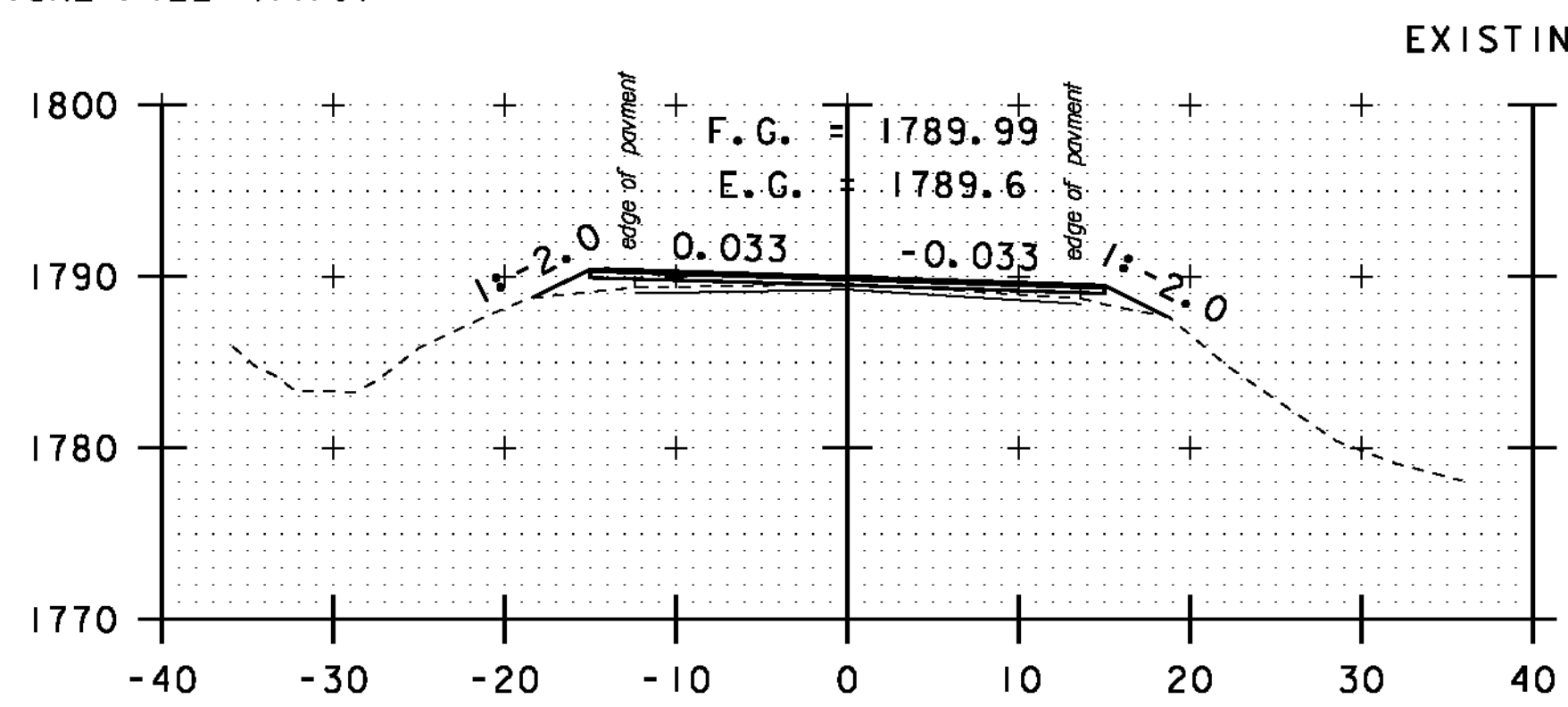
A 92+00



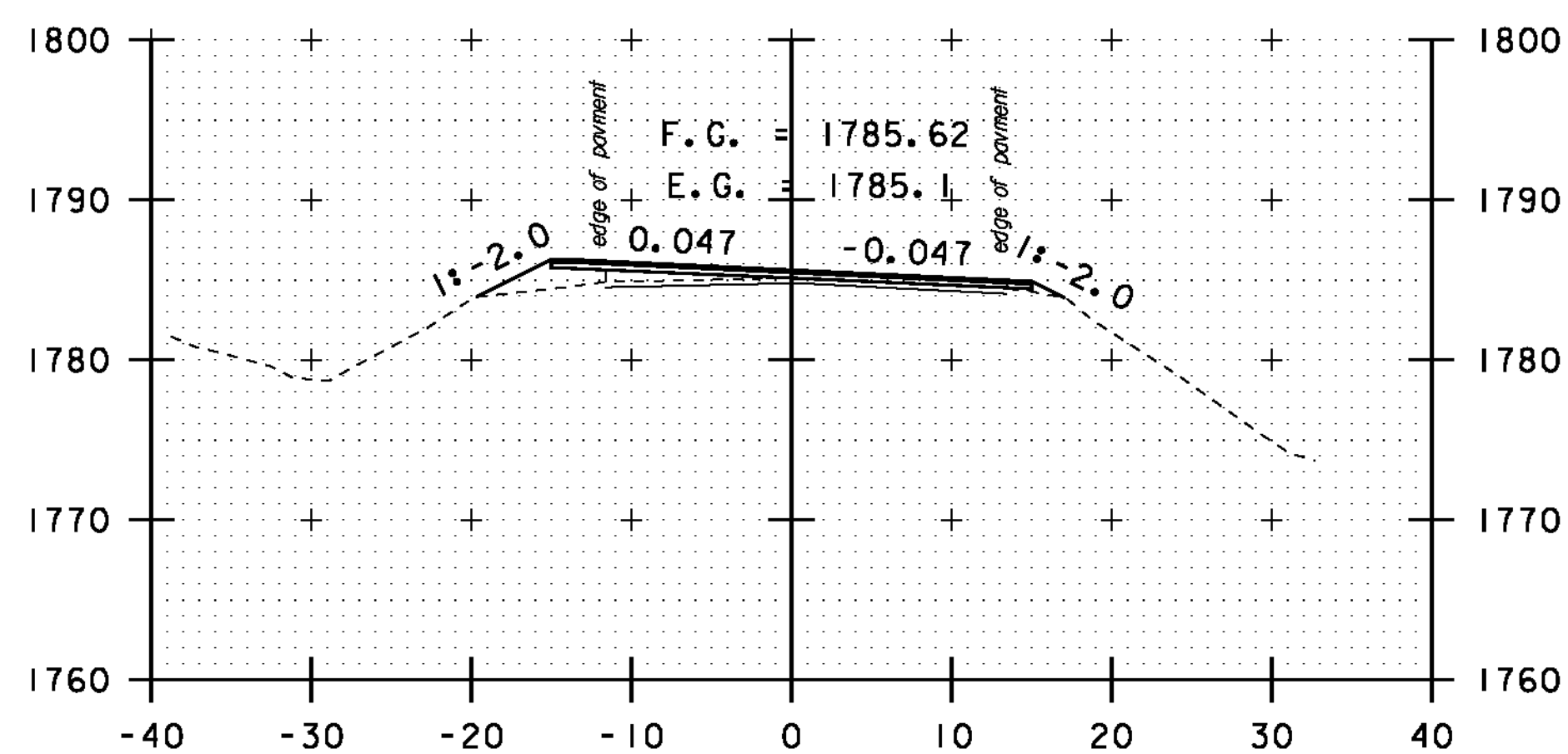
A 91+50



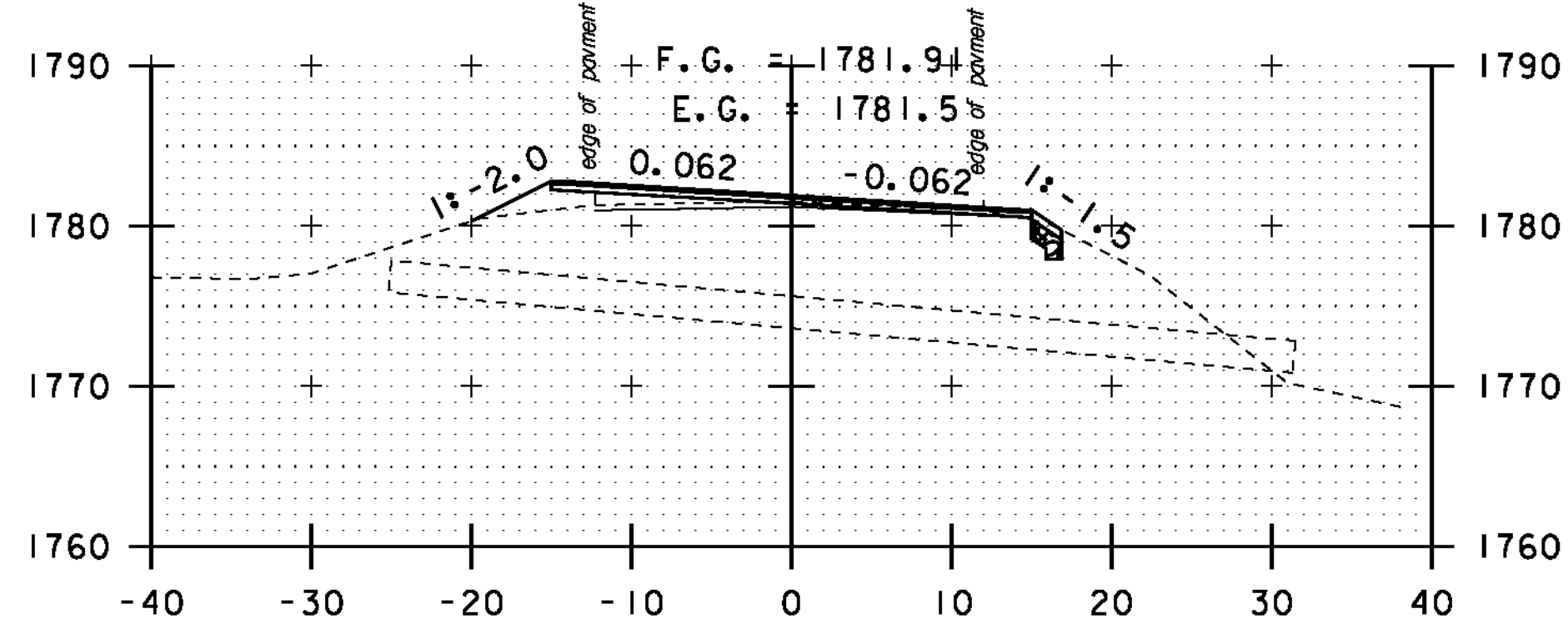
DRIVE LT
A 91+00



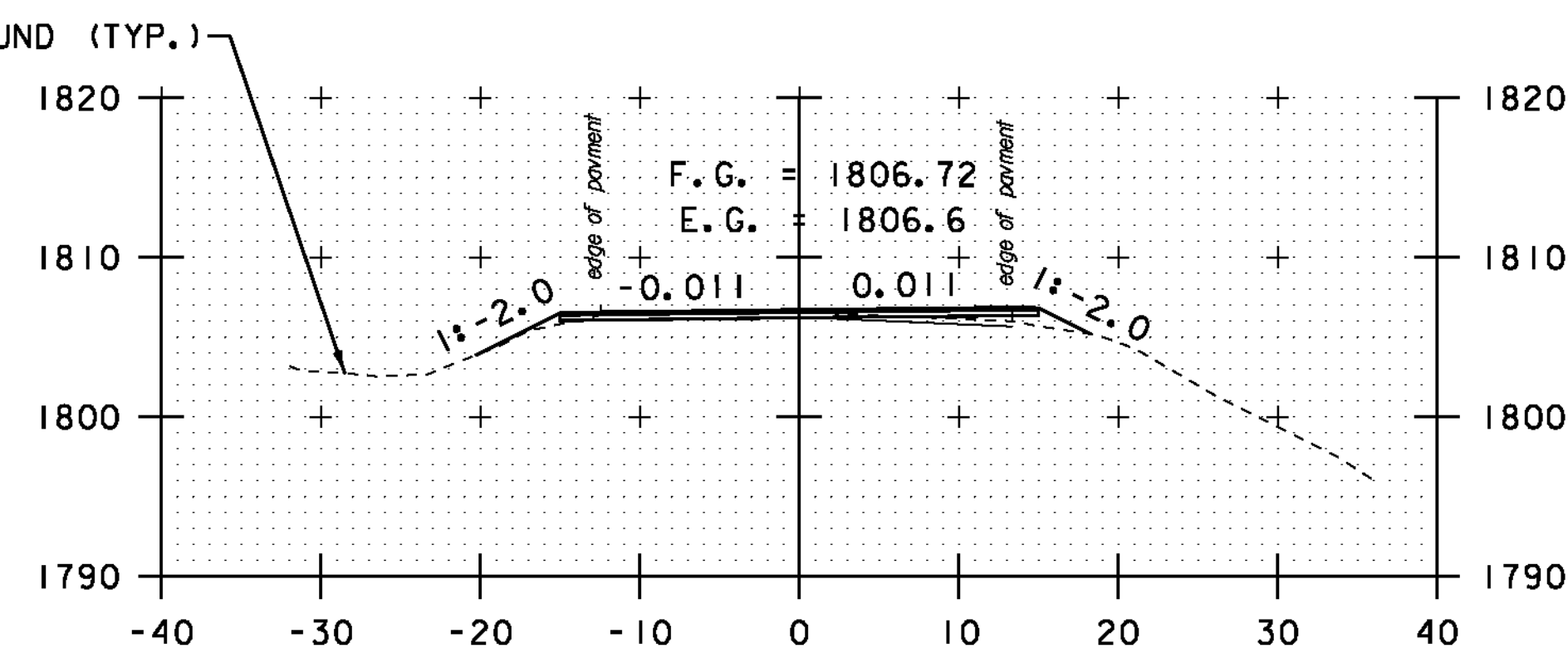
A 93+50



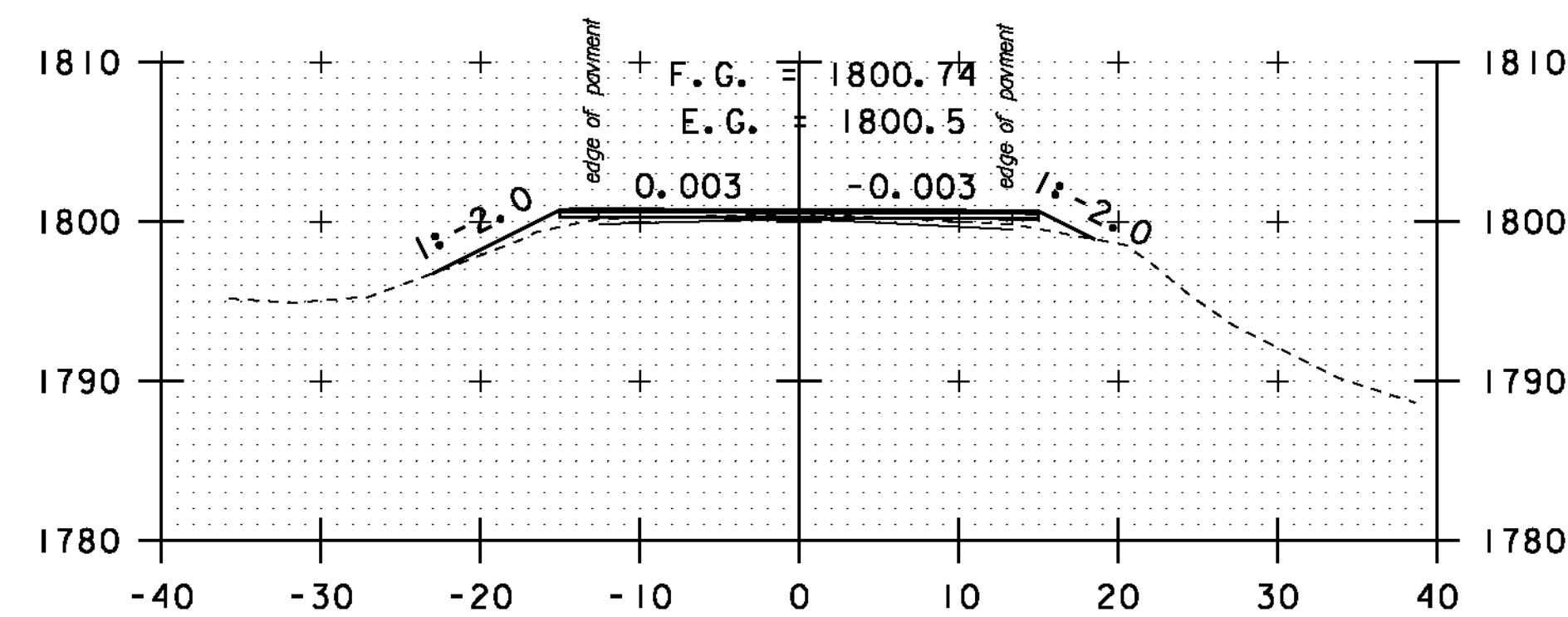
A 93+00



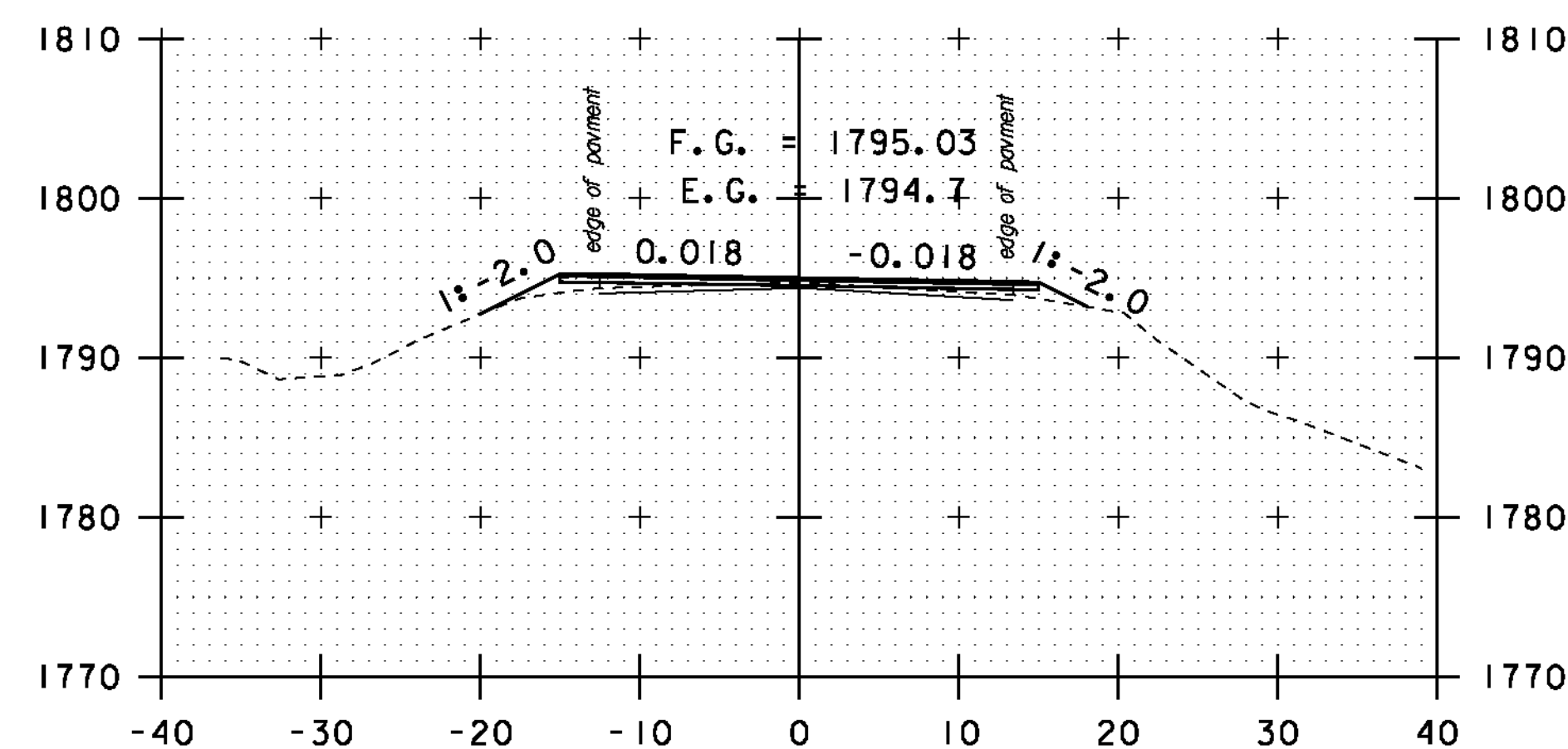
A 92+50



A 95+00



A 94+50



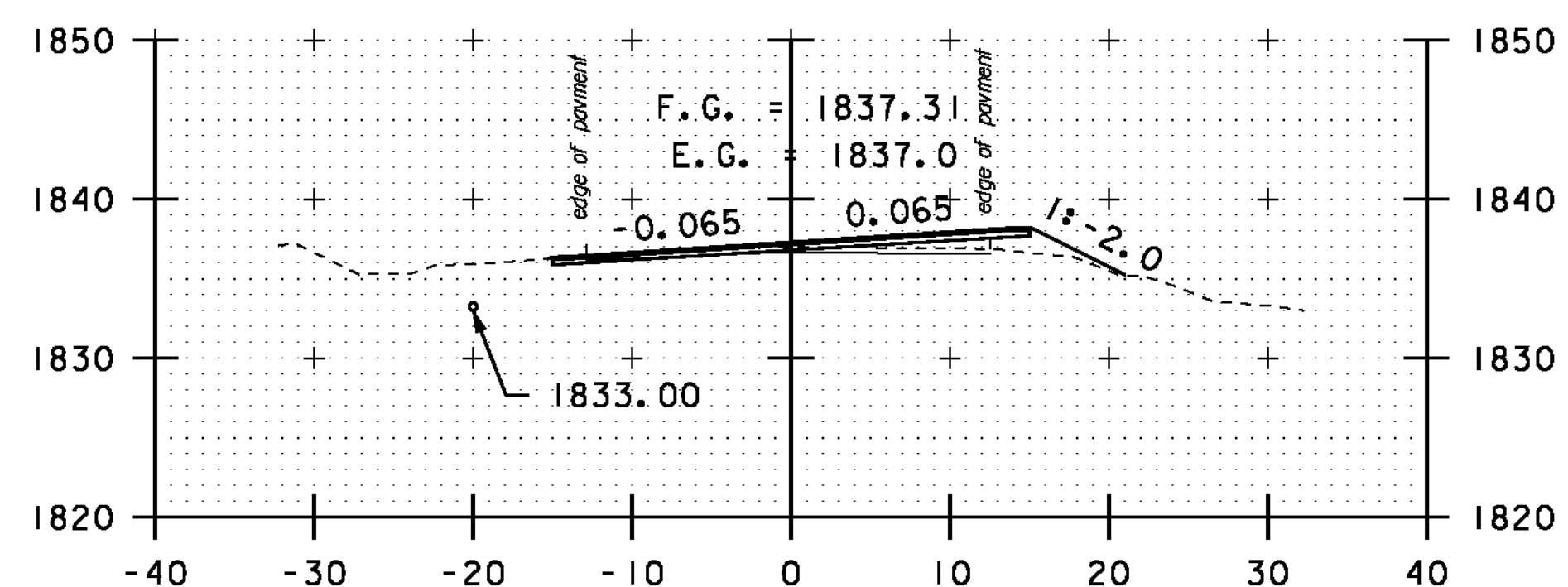
A 94+00

STA. A 91+00 TO STA. A 95+00

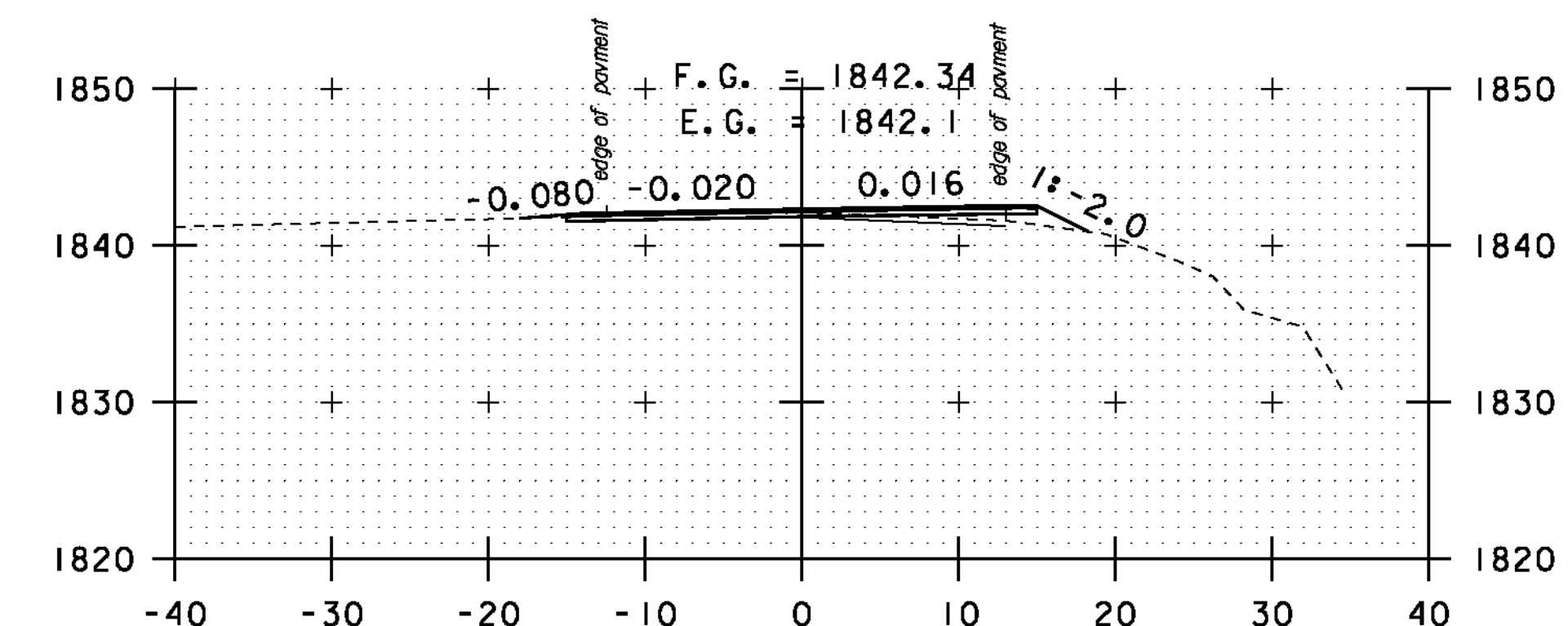
SCALE 1" = 10'-0"

**CROSS
SECTION
SHEET 54**

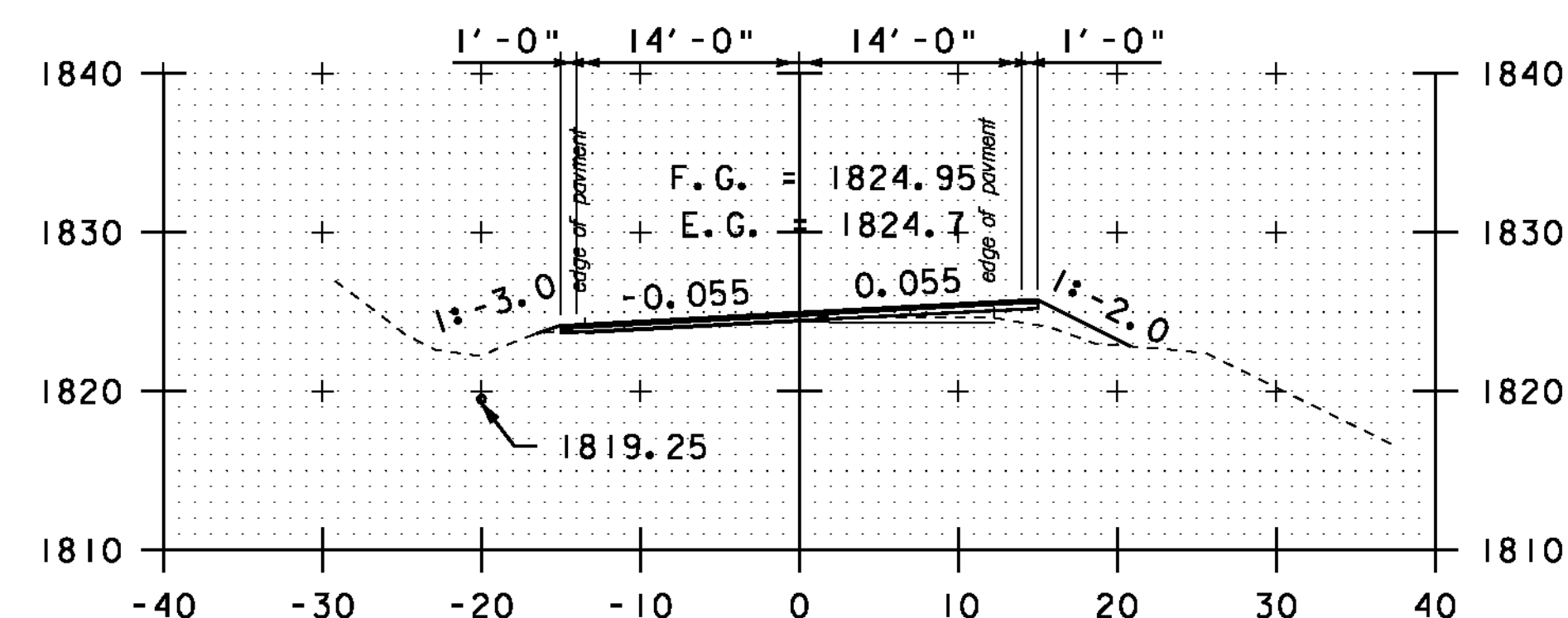
PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(1)
FILE NAME: p10CI90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10CI90_168.1
PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: CDL
SHEET 168 OF 178



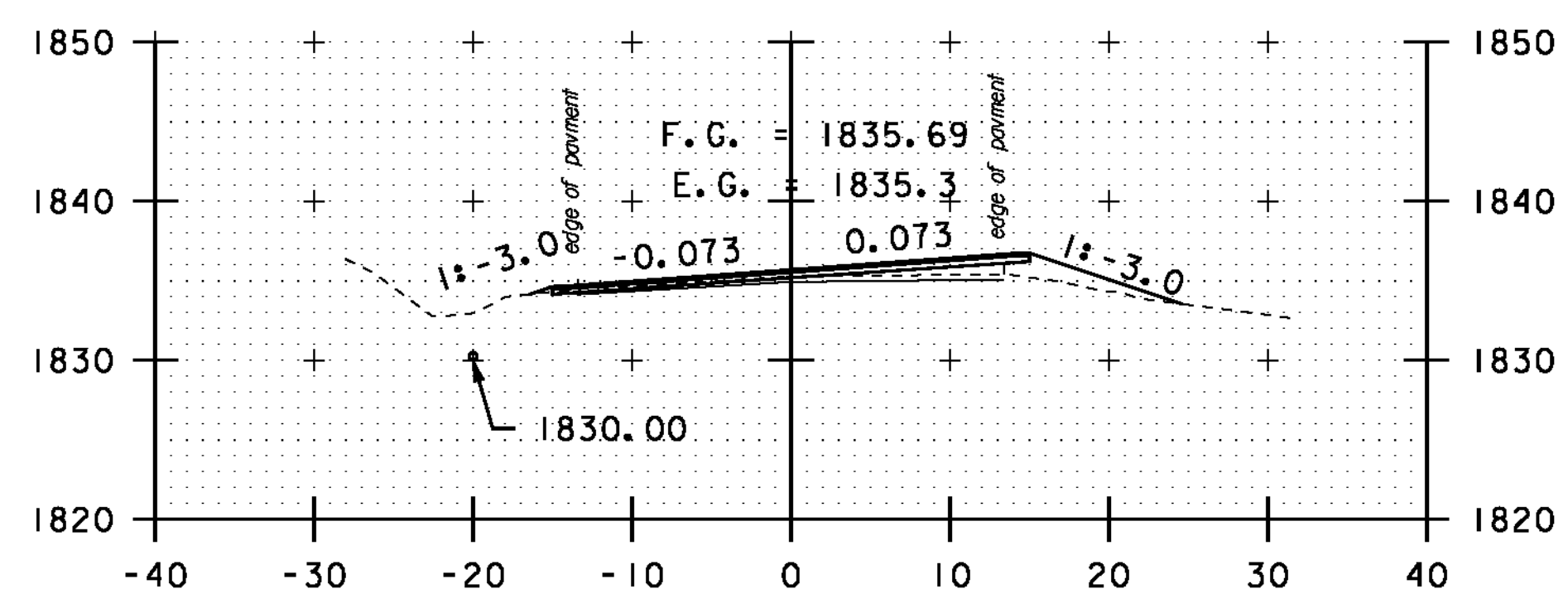
A 98+50



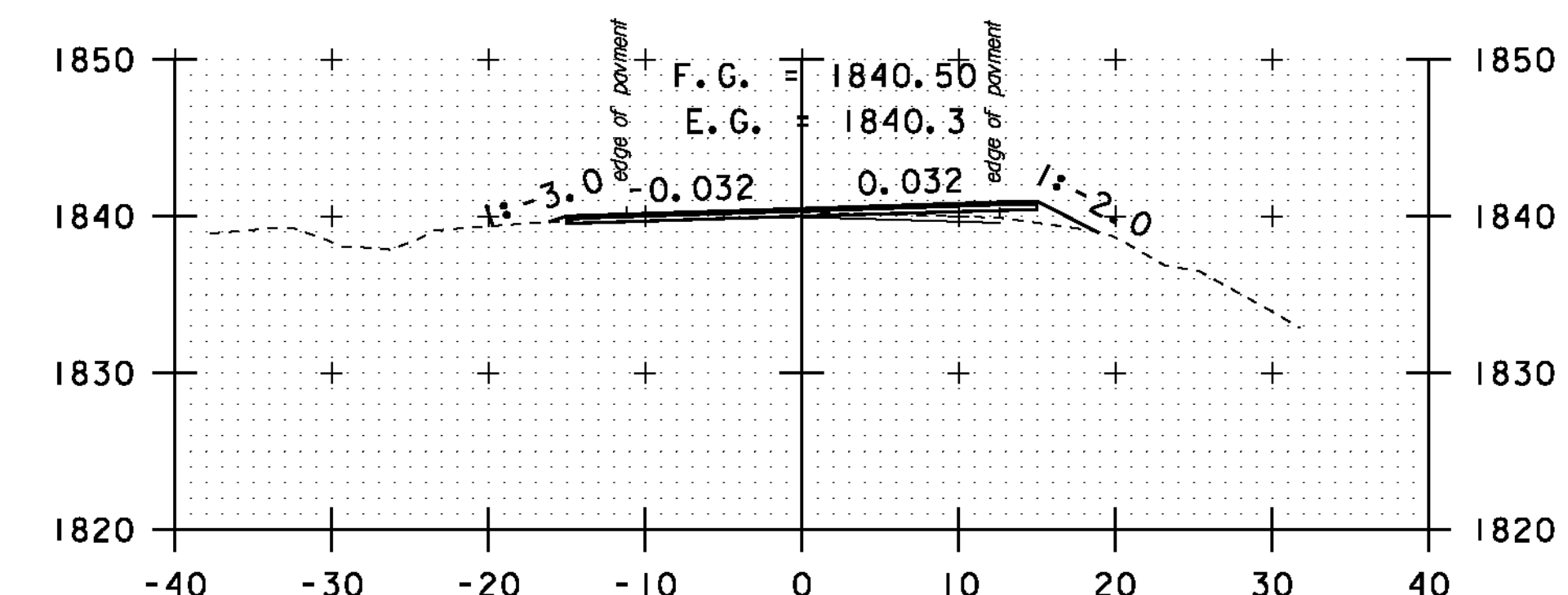
DRIVE LT
A 100+00



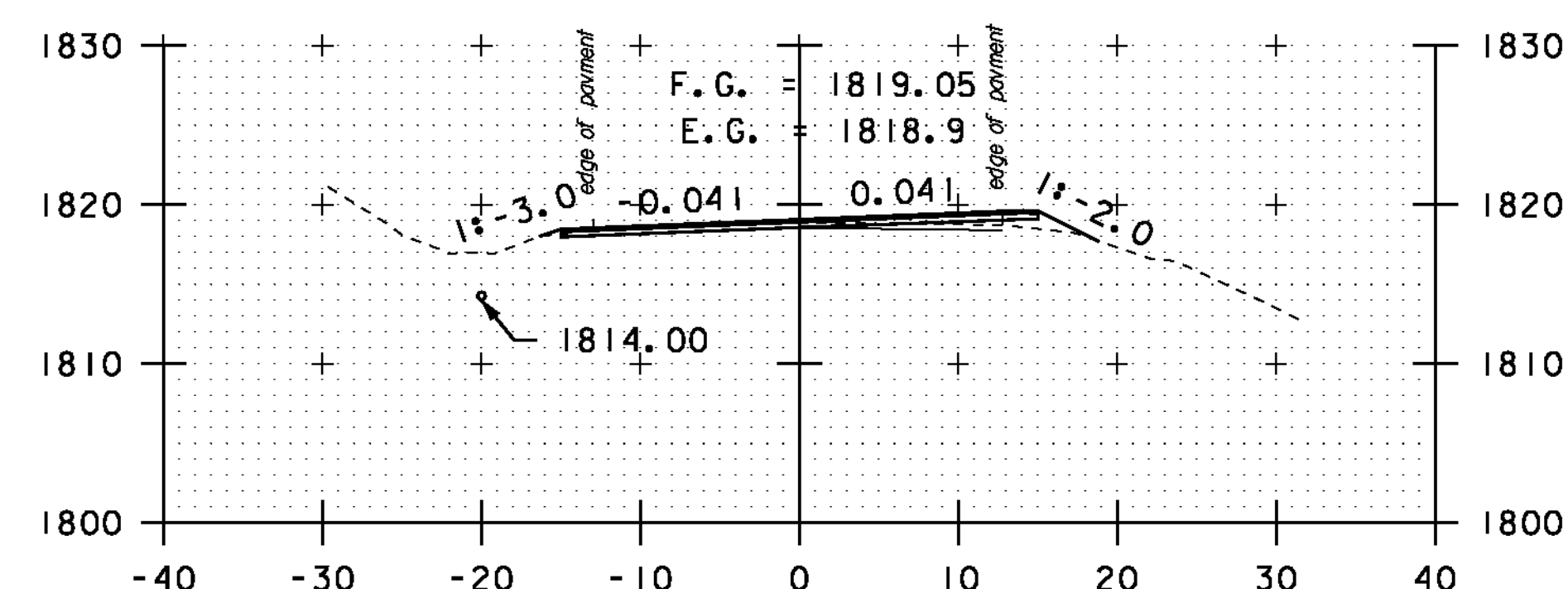
A 96+50



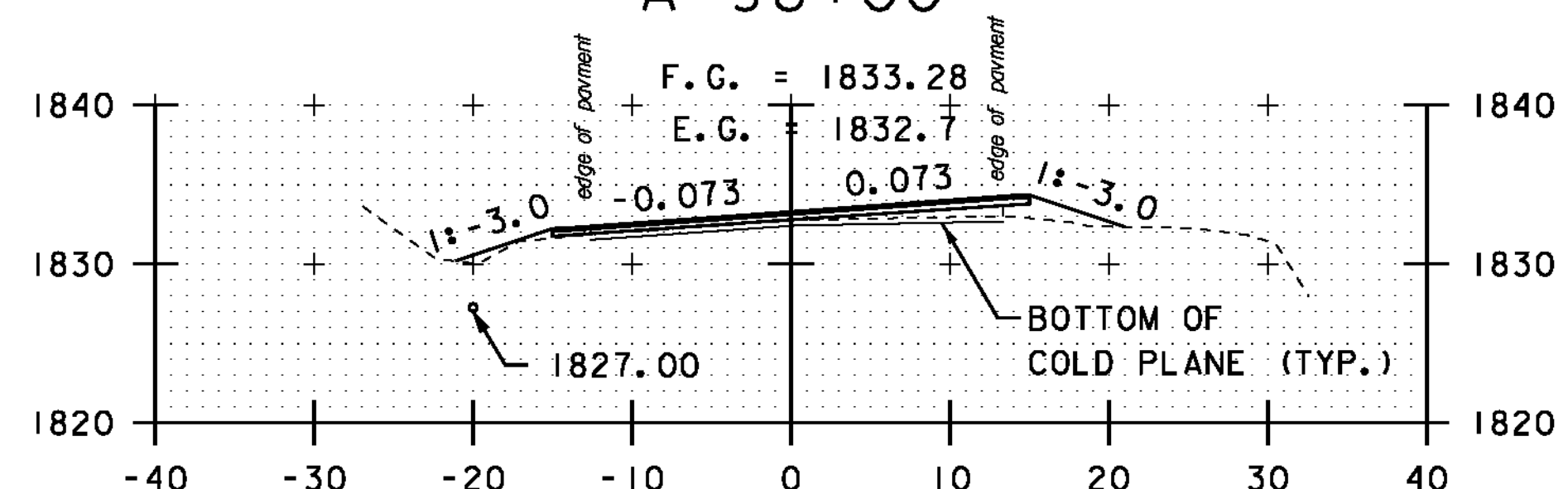
A 98+00



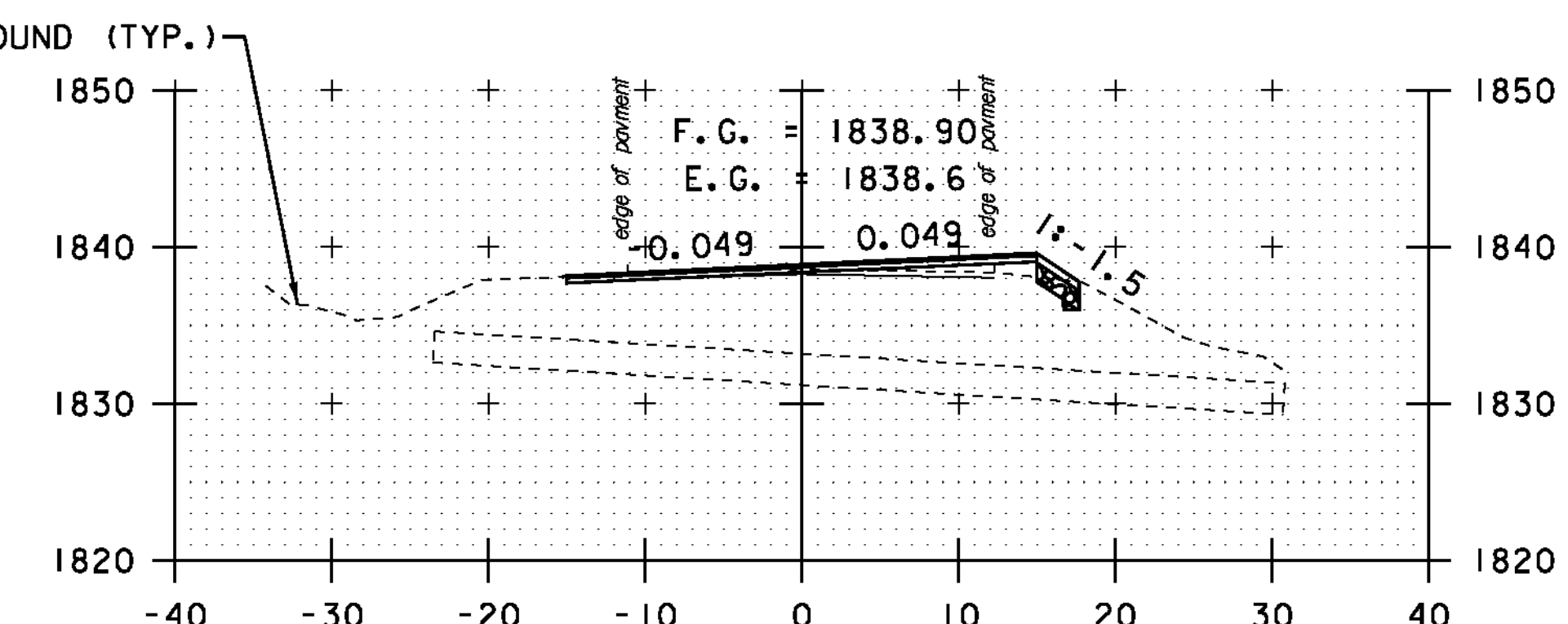
A 99+50



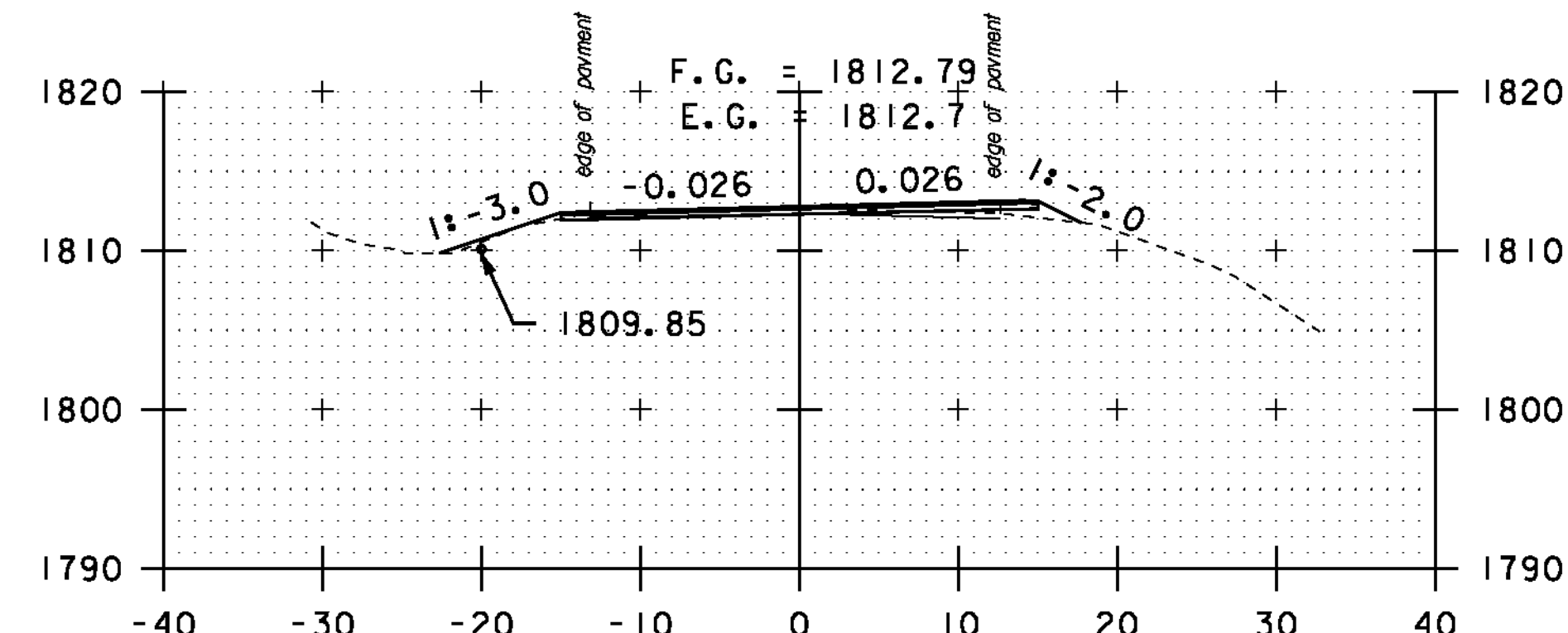
A 96+00



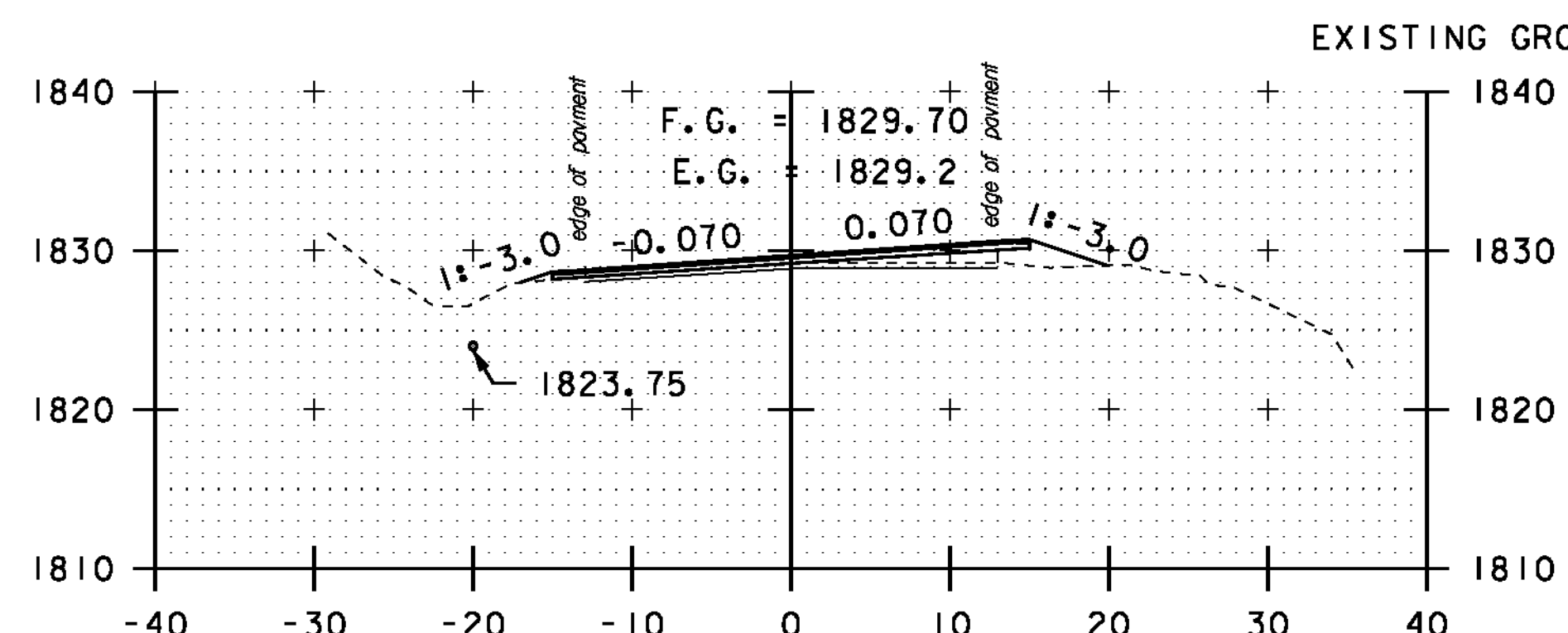
A 97+50



A 99+00



A 95+50



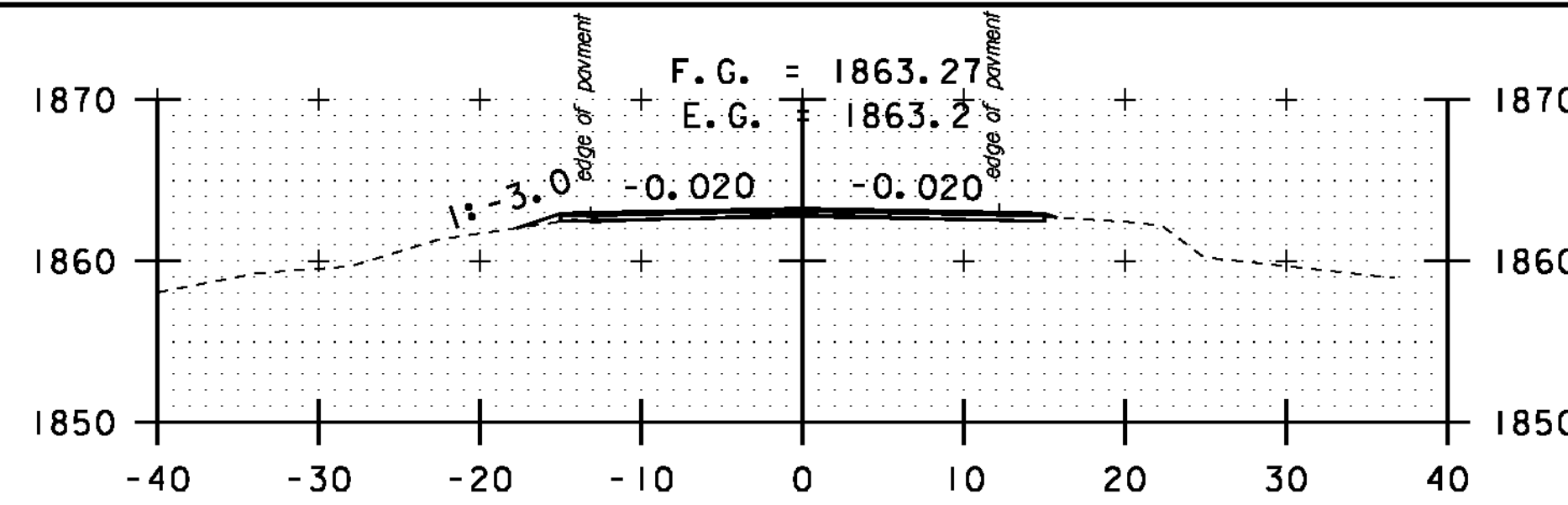
A 97+00

STA. A 95+50 TO STA. A 100+00

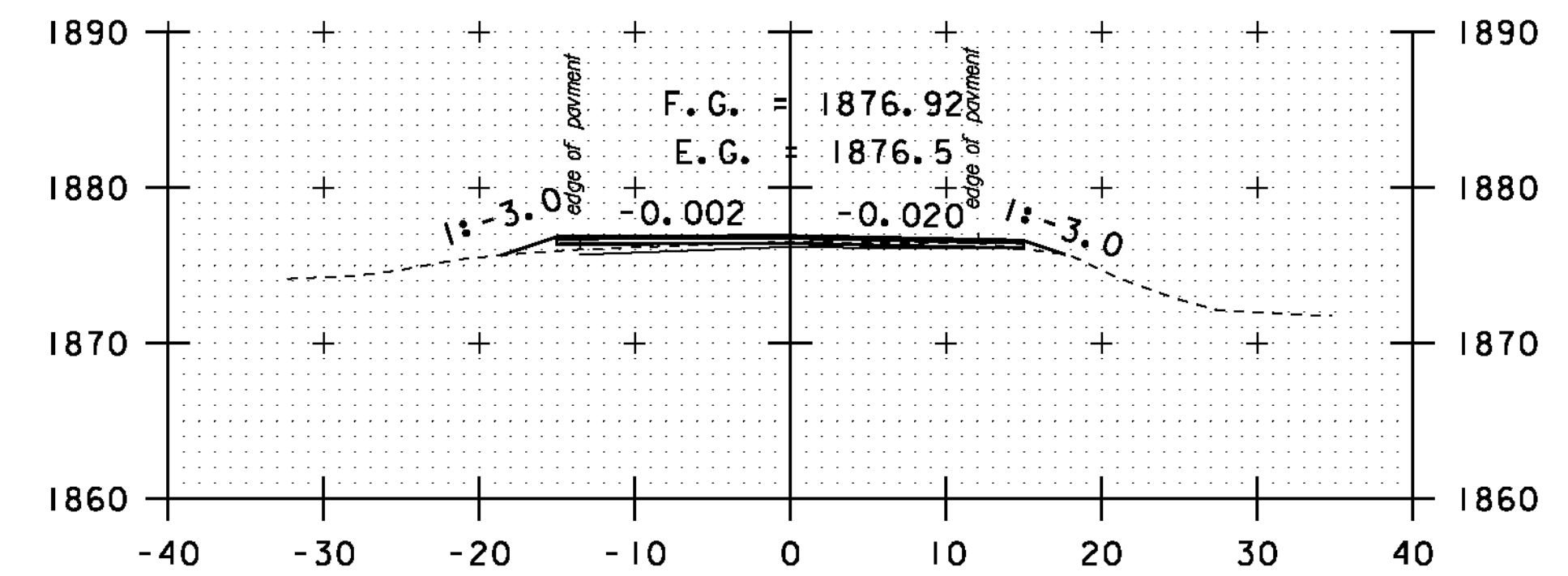
SCALE 1" = 10'-0"

**CROSS
SECTION
SHEET 55**

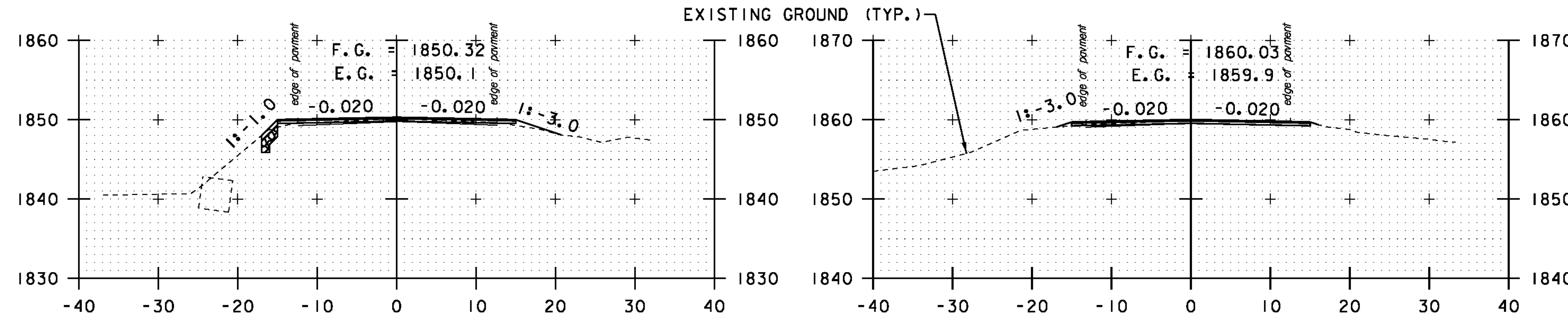
PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(I)
FILE NAME: p10CI90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10CI90_169.1
PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: CDL
SHEET 169 OF 178



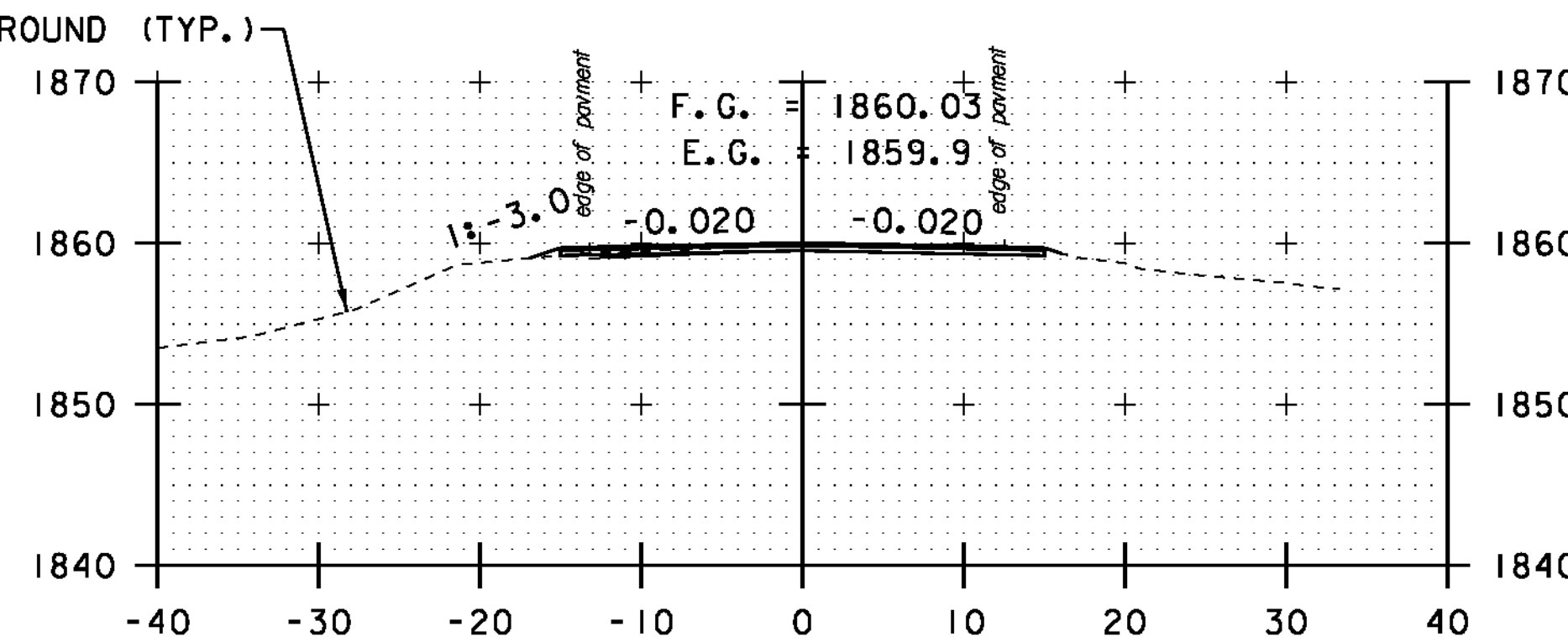
A 103+50



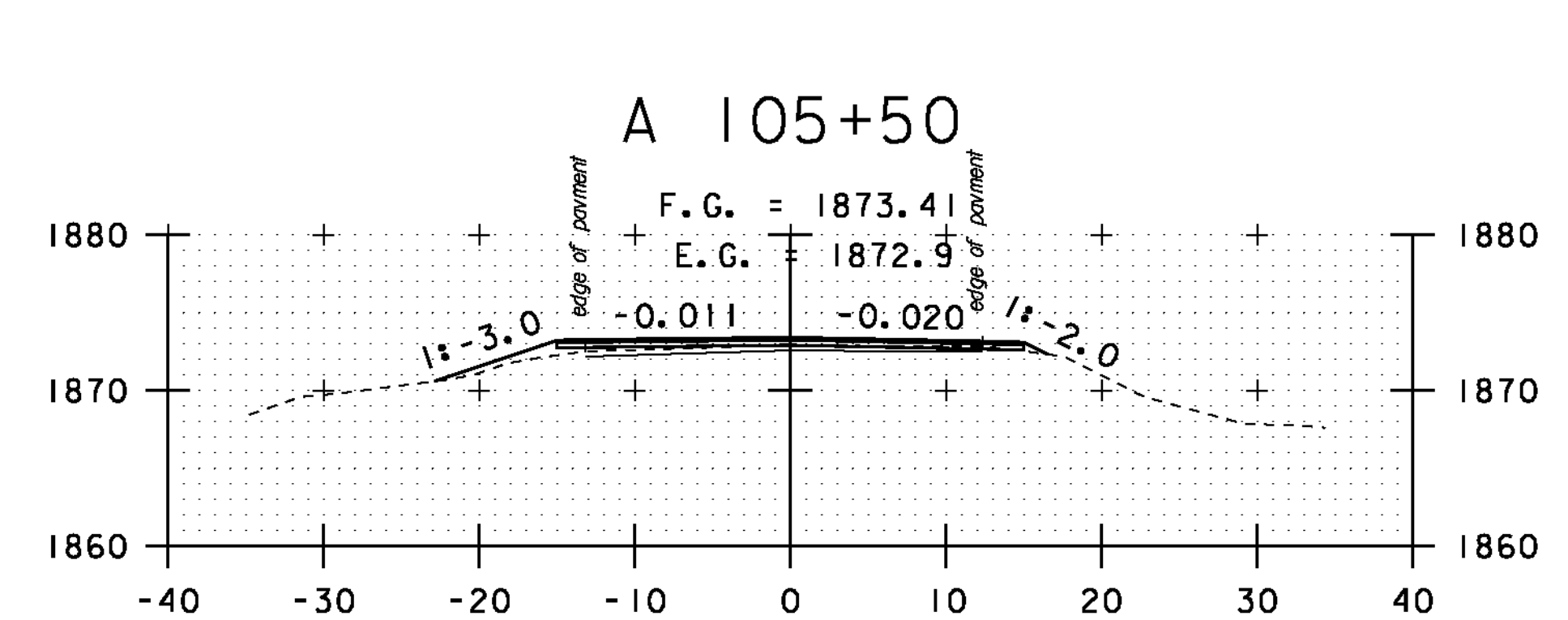
A 105+50



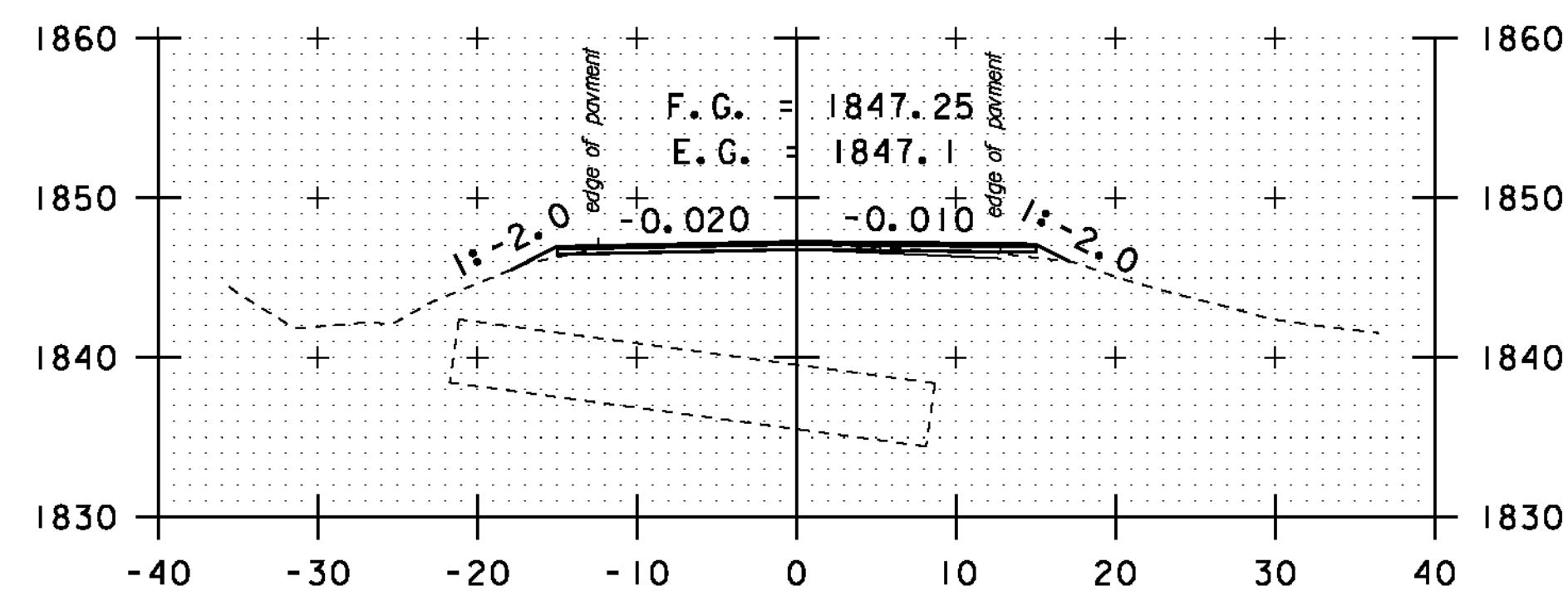
A 101+50



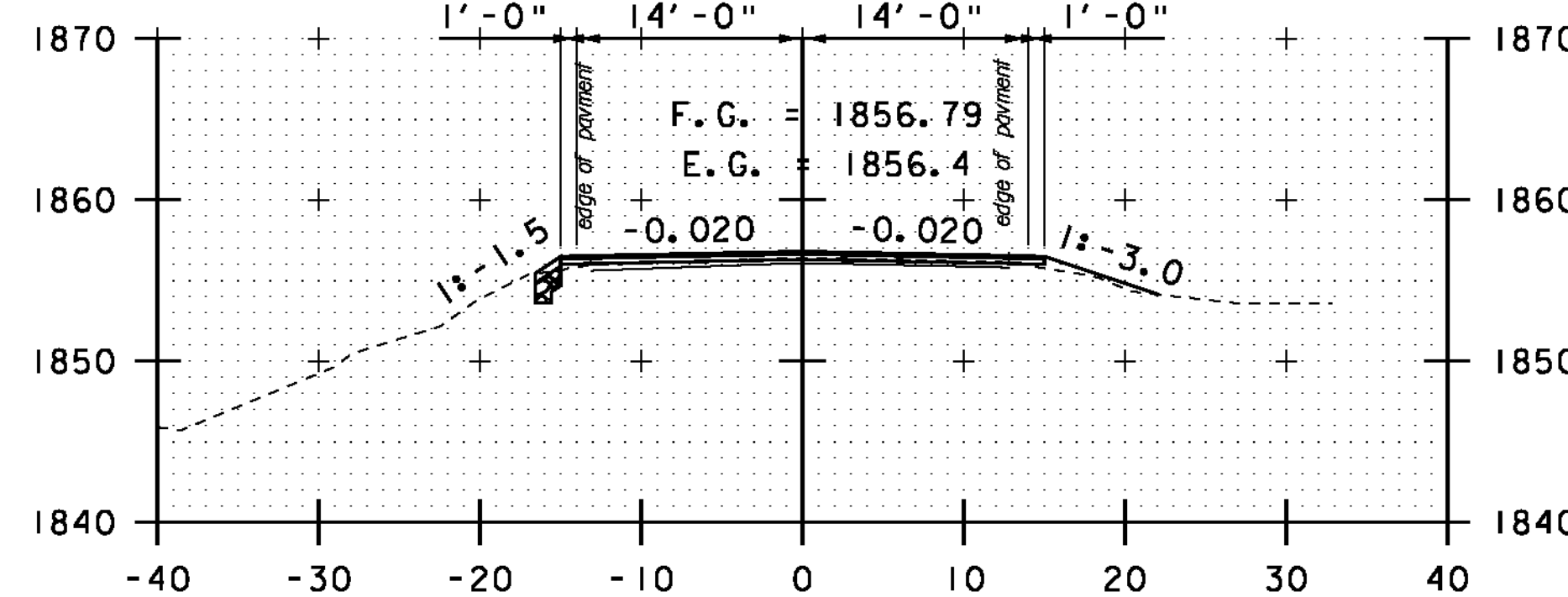
A 103+00



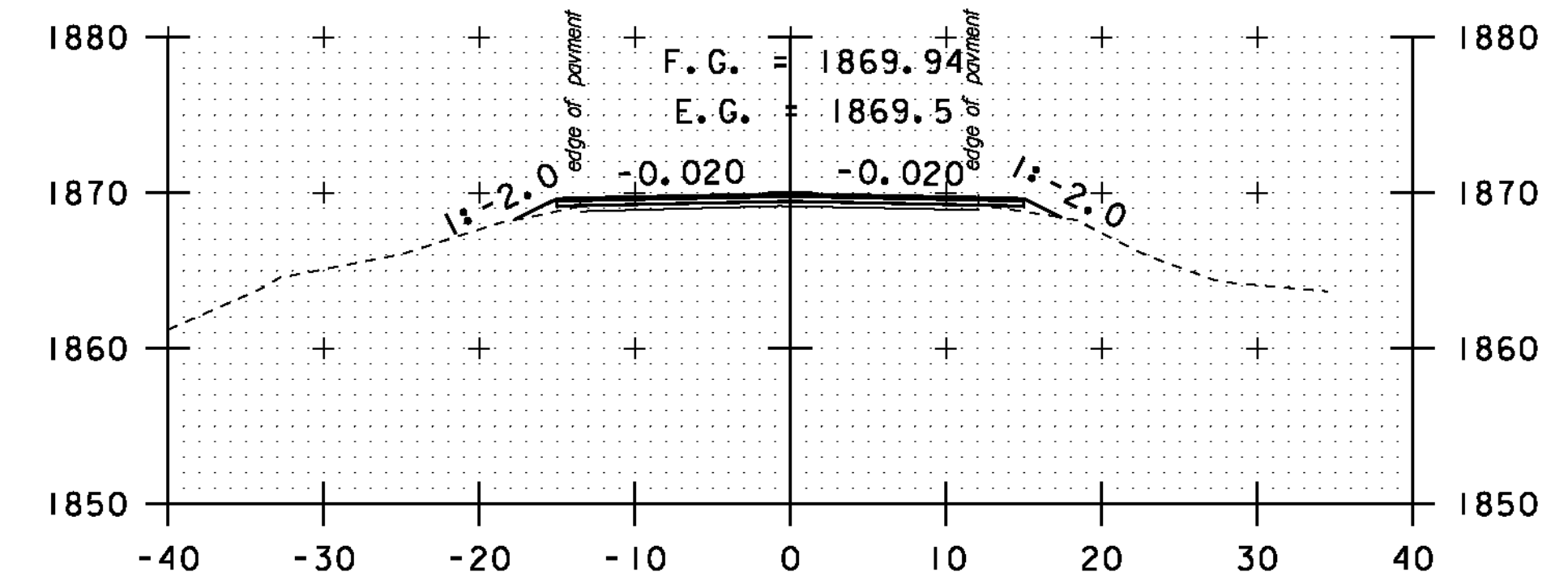
A 105+00



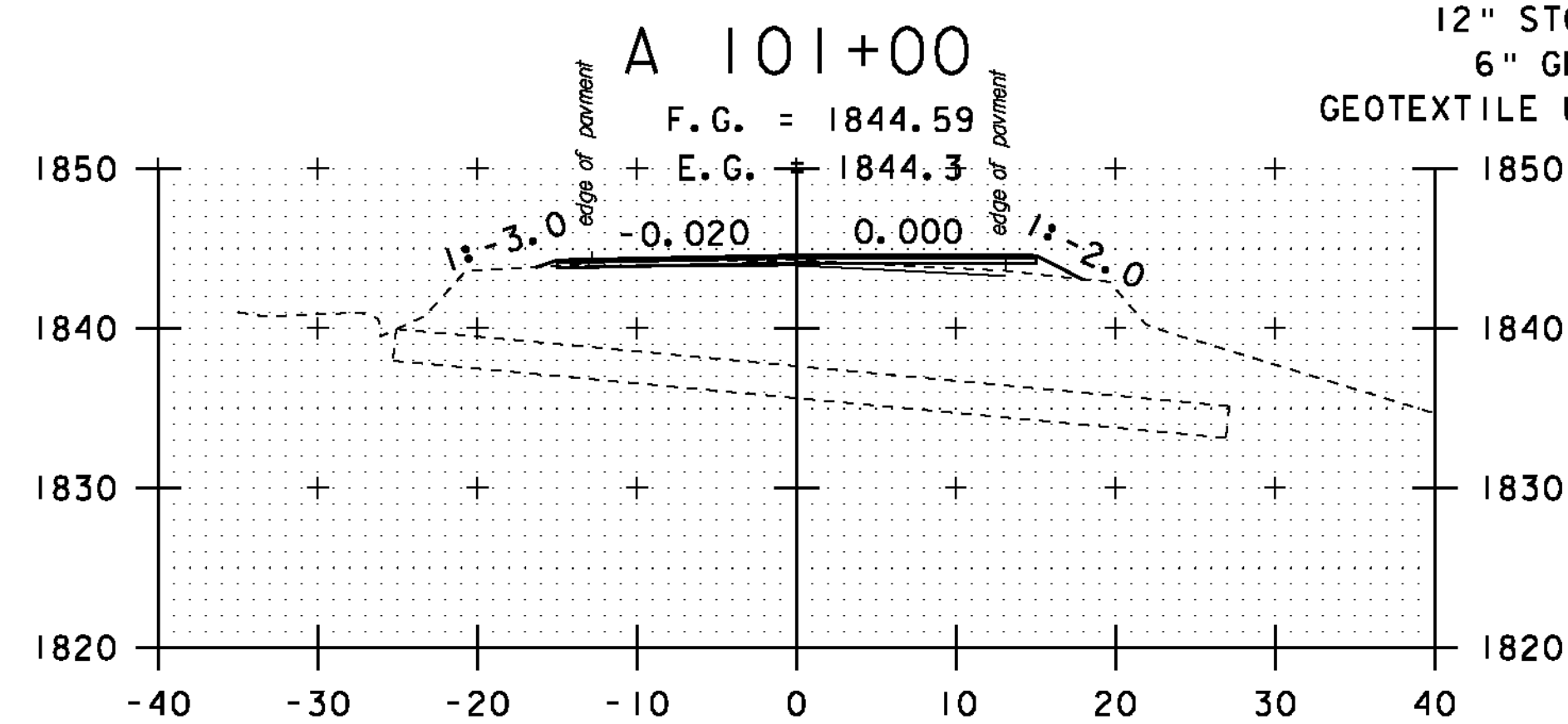
A 101+00



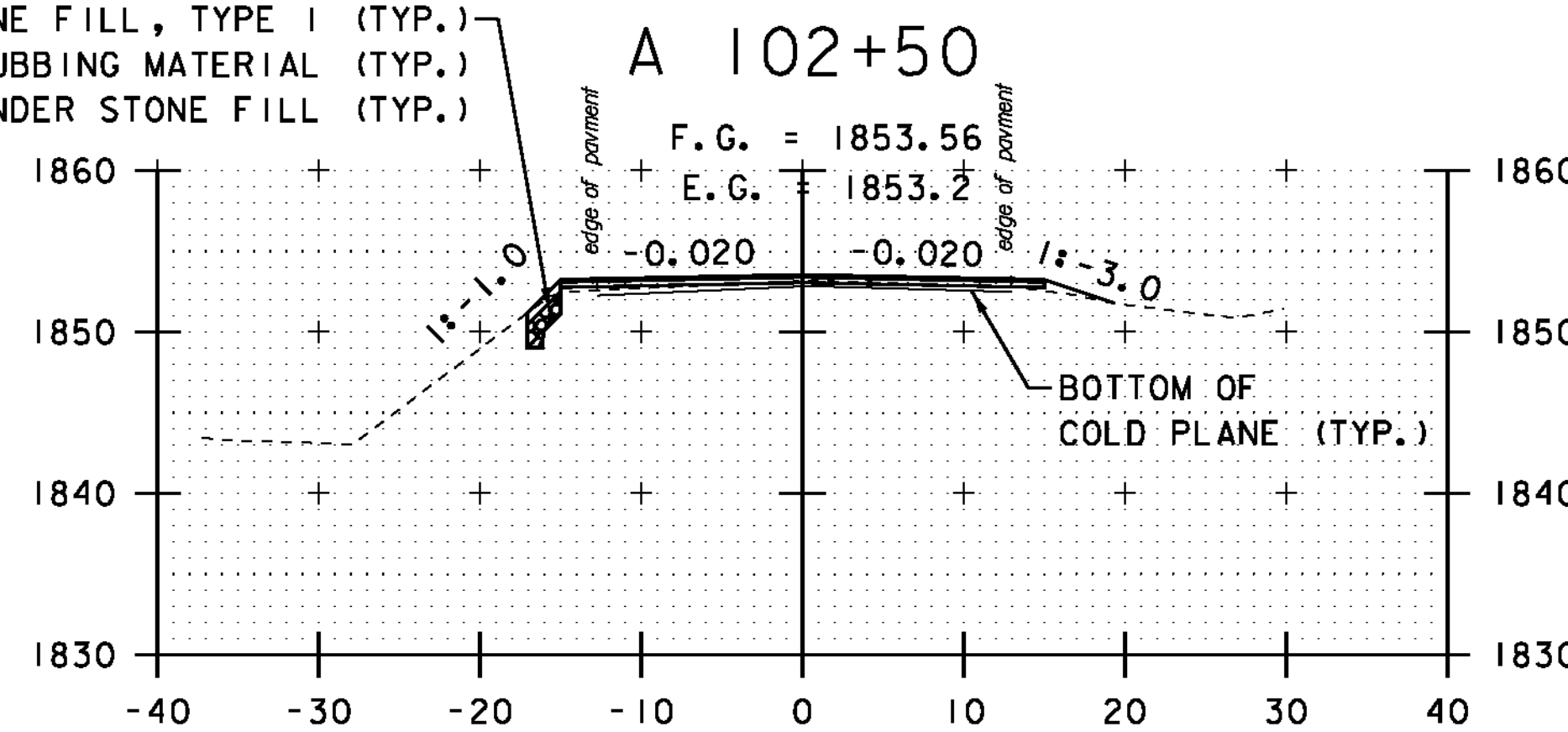
A 102+50



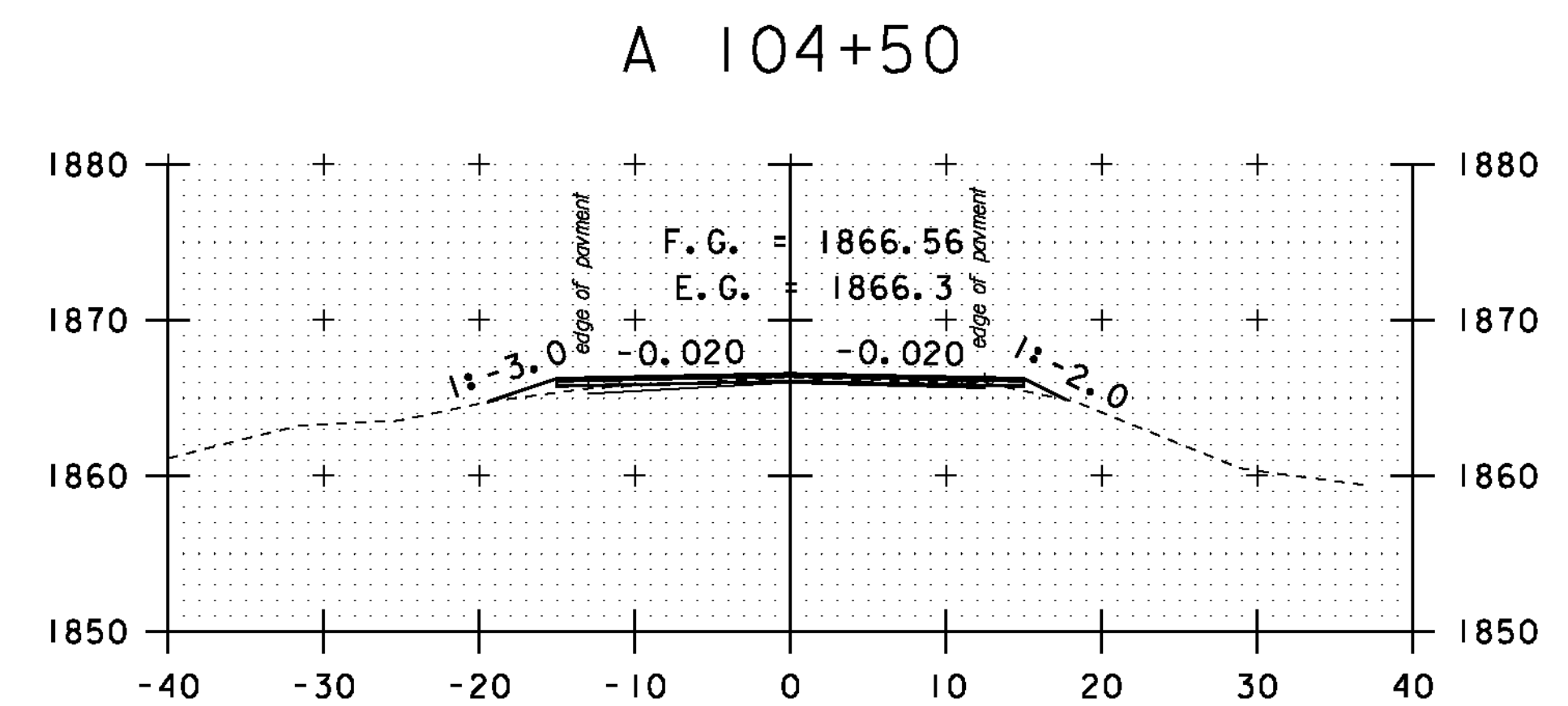
A 104+50



A 100+50



A 102+00



A 104+00

STA. A 100+50 TO STA. A 105+50

SCALE 1" = 10'-0"

**CROSS
SECTION
SHEET 56**

PROJECT NAME: MONTGOMERY-WESTFIELD

PROJECT NUMBER: STP 2906(1)

FILE NAME: p10C190.dgn

PROJECT LEADER: CDL

DESIGNED BY: SJL

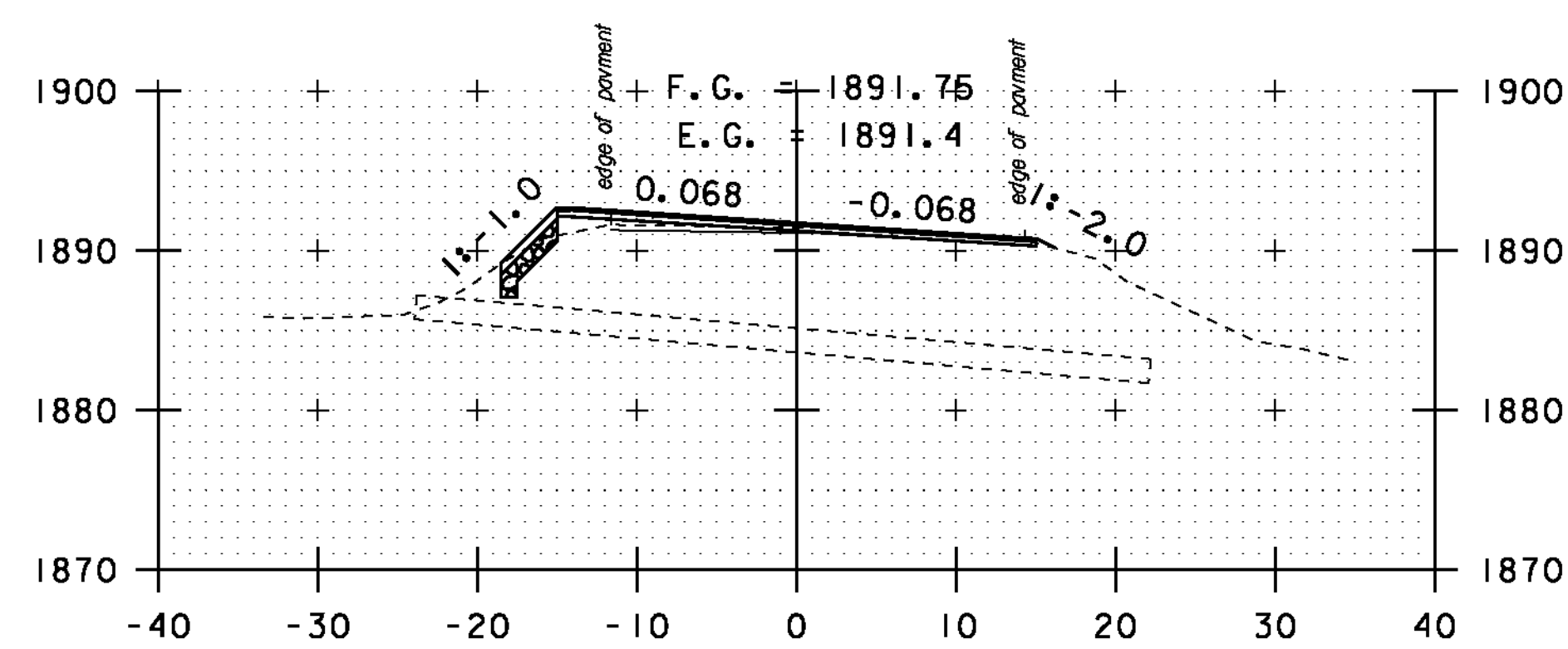
PLOT FILE: p10C190_170.1

PLOT DATE: 9/5/12

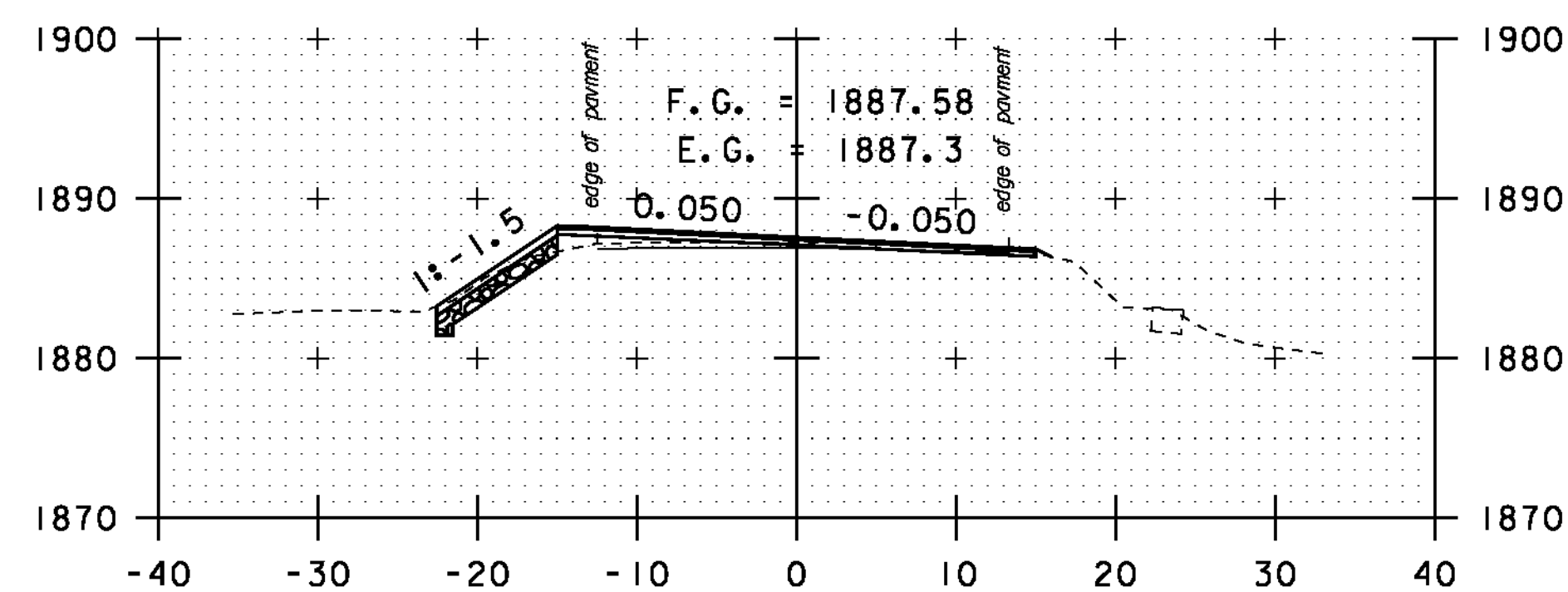
DRAWN BY: SJL

CHECKED BY: CDL

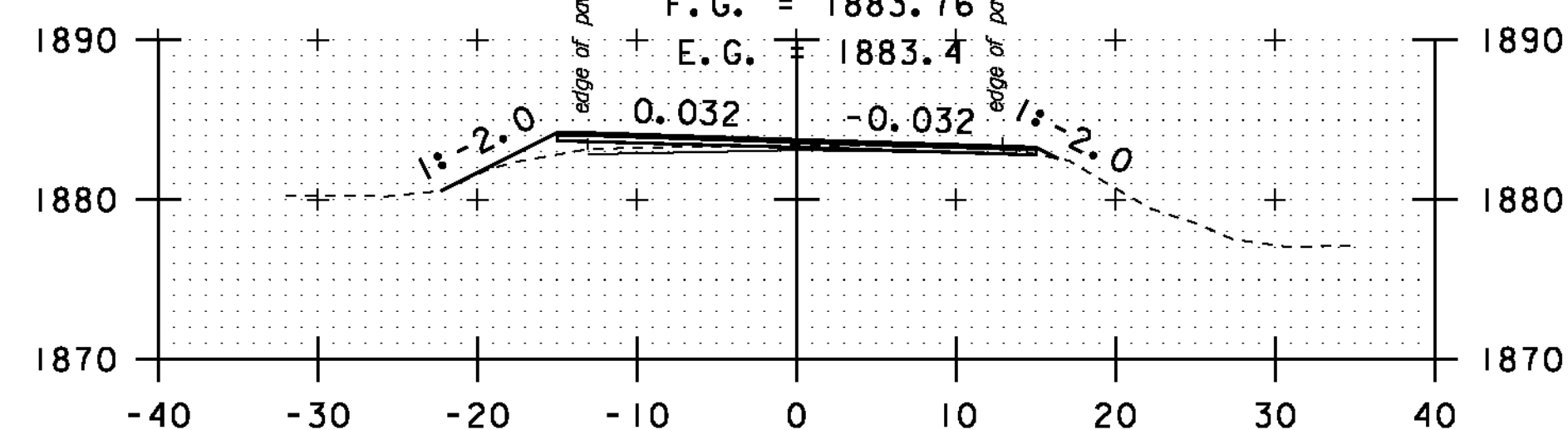
SHEET 170 OF 178



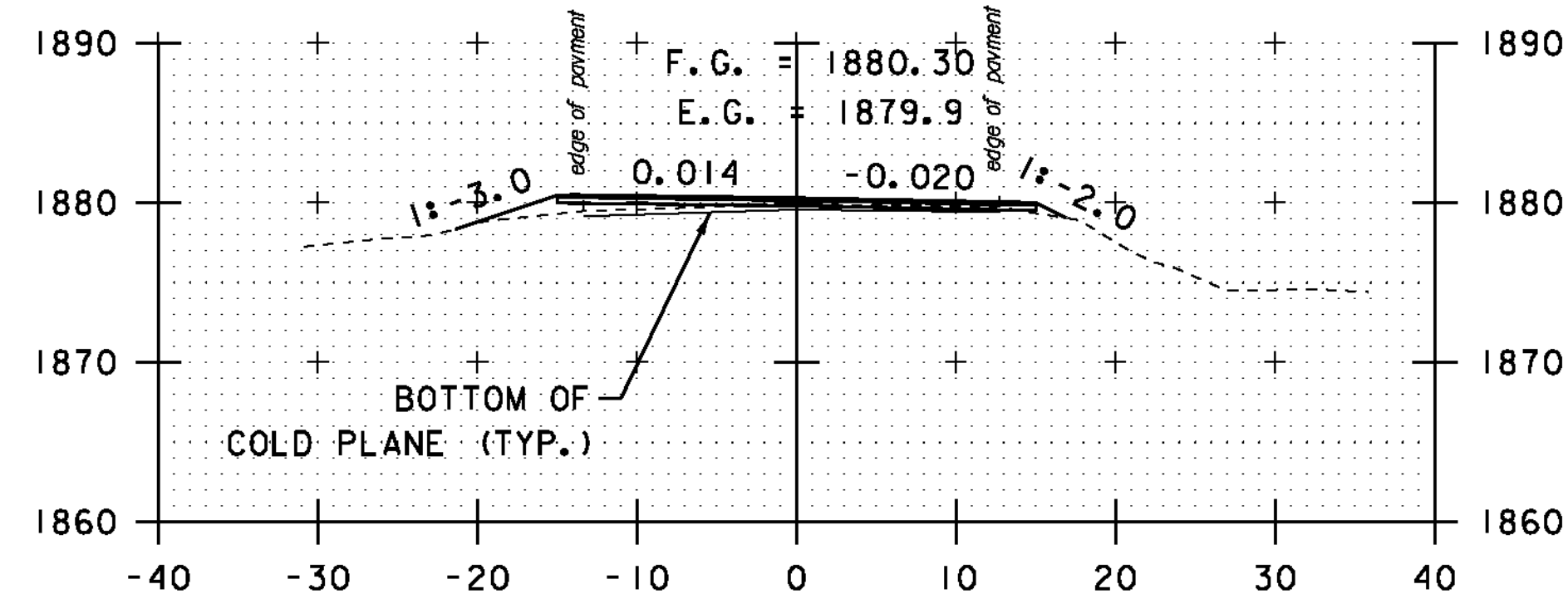
A 107+50



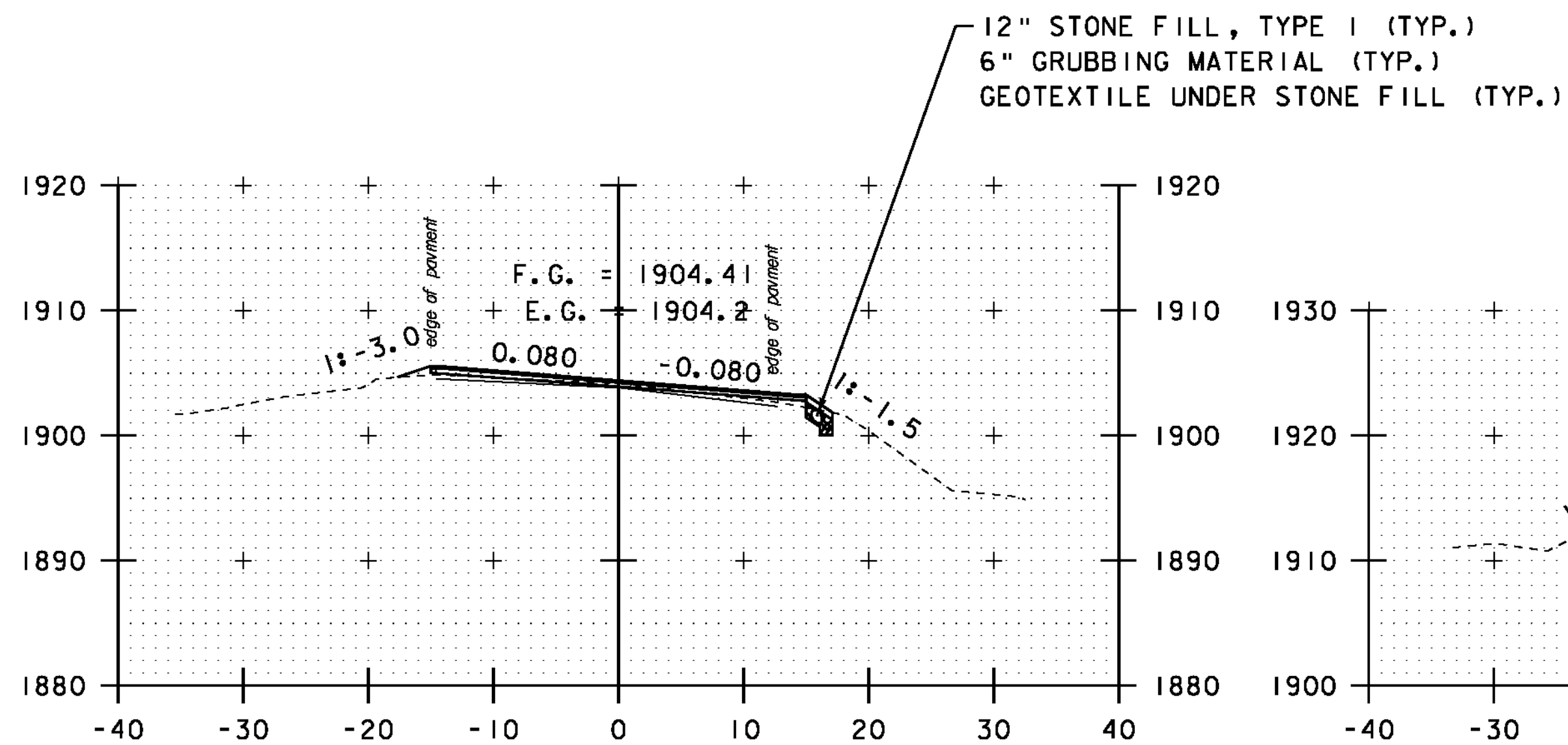
A 107+00



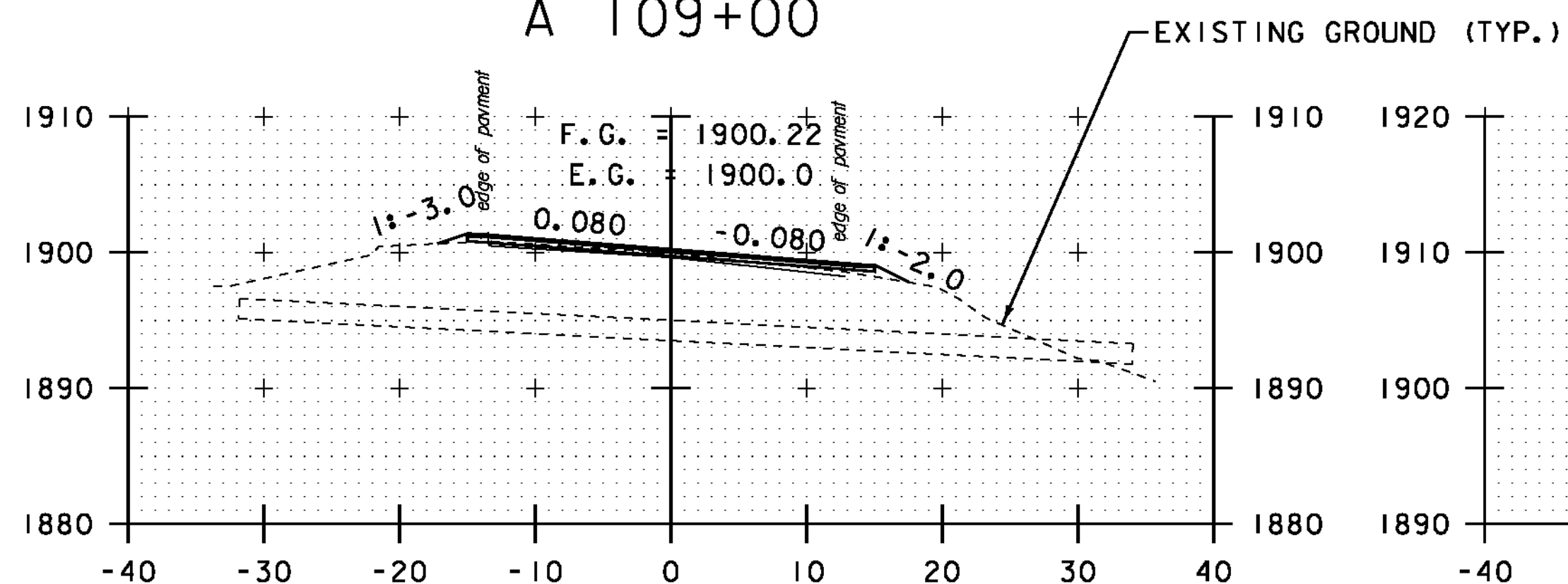
A 106+50



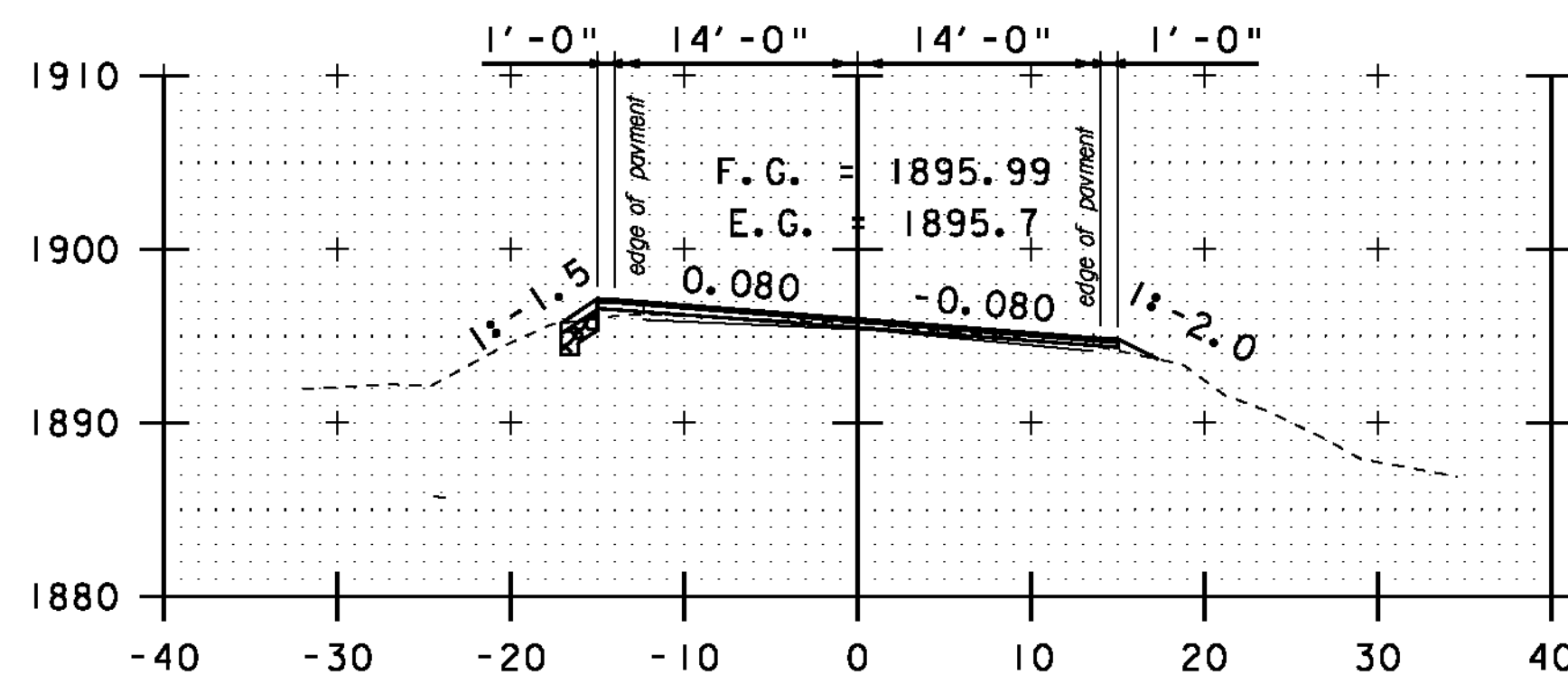
A 106+00



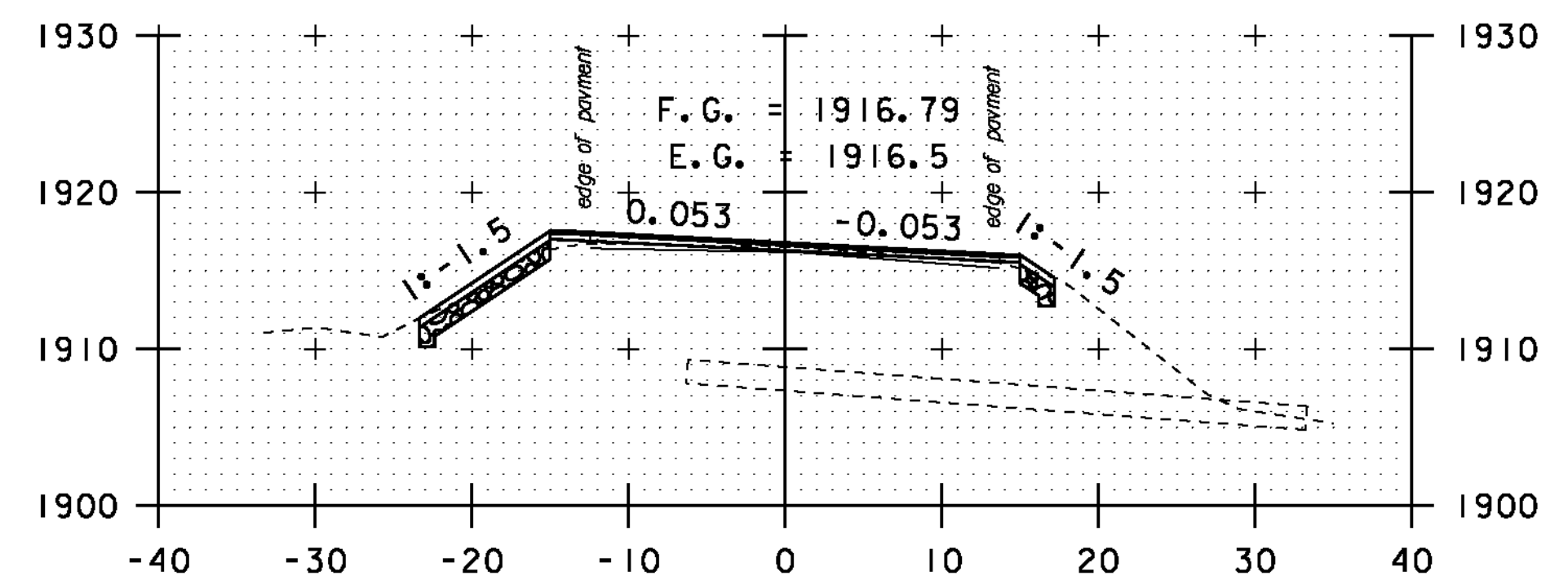
A 109+00



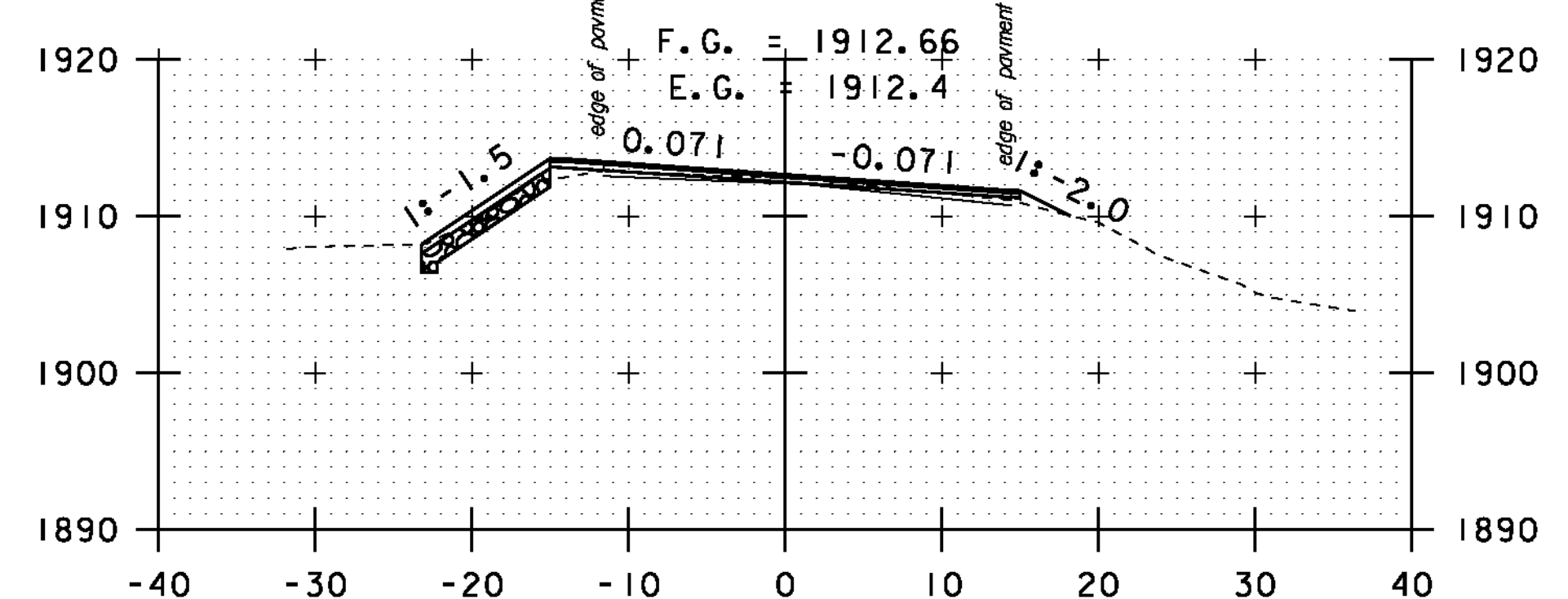
A 108+50



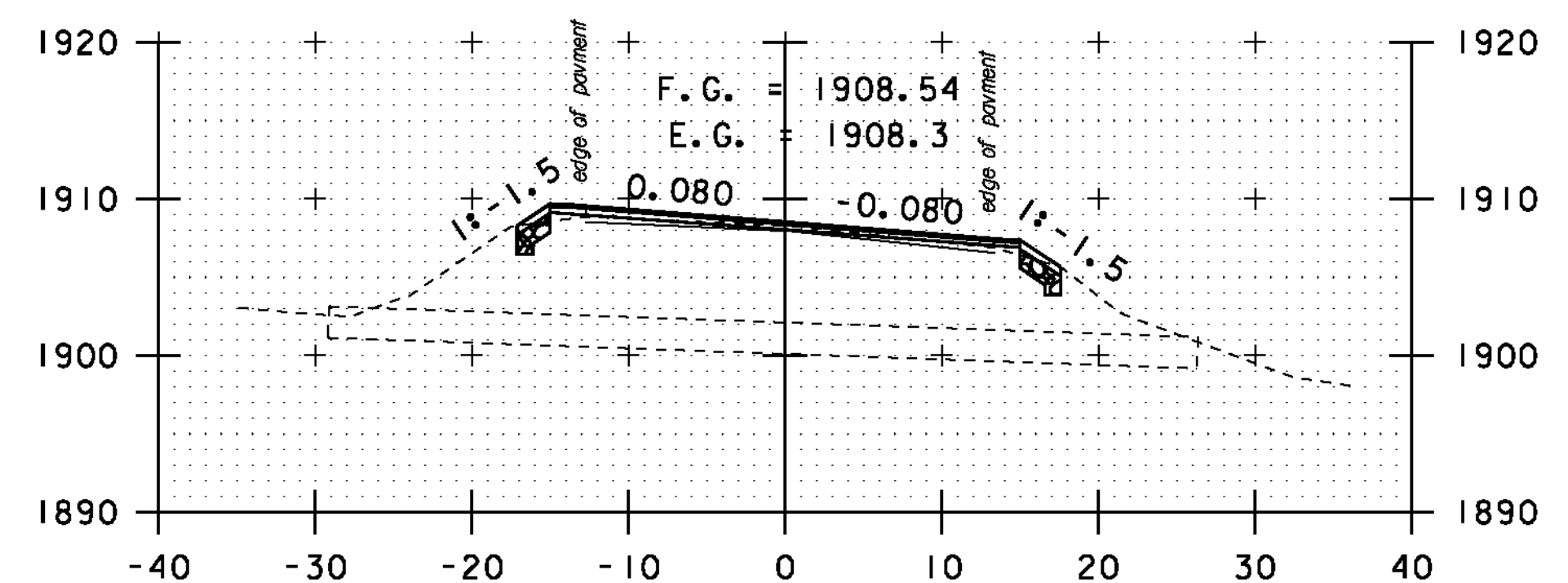
A 108+00



A 110+50



A 110+00



A 109+50

STA. A 106+00 TO STA. A 110+50

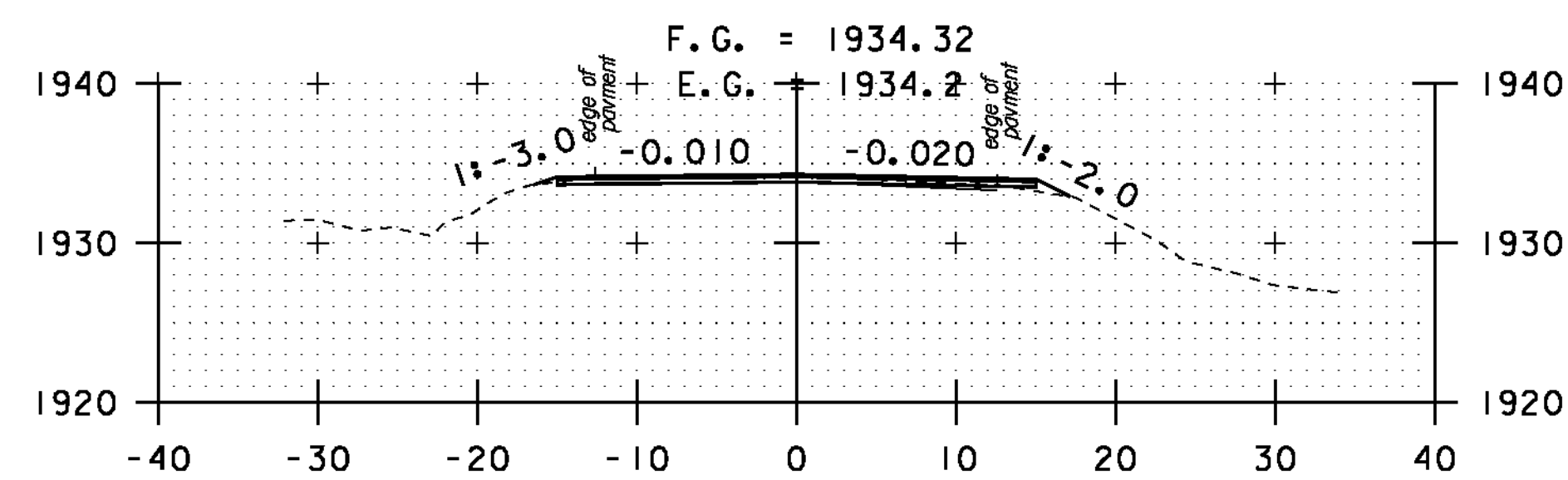
SCALE 1" = 10'-0"

**CROSS
SECTION
SHEET 57**

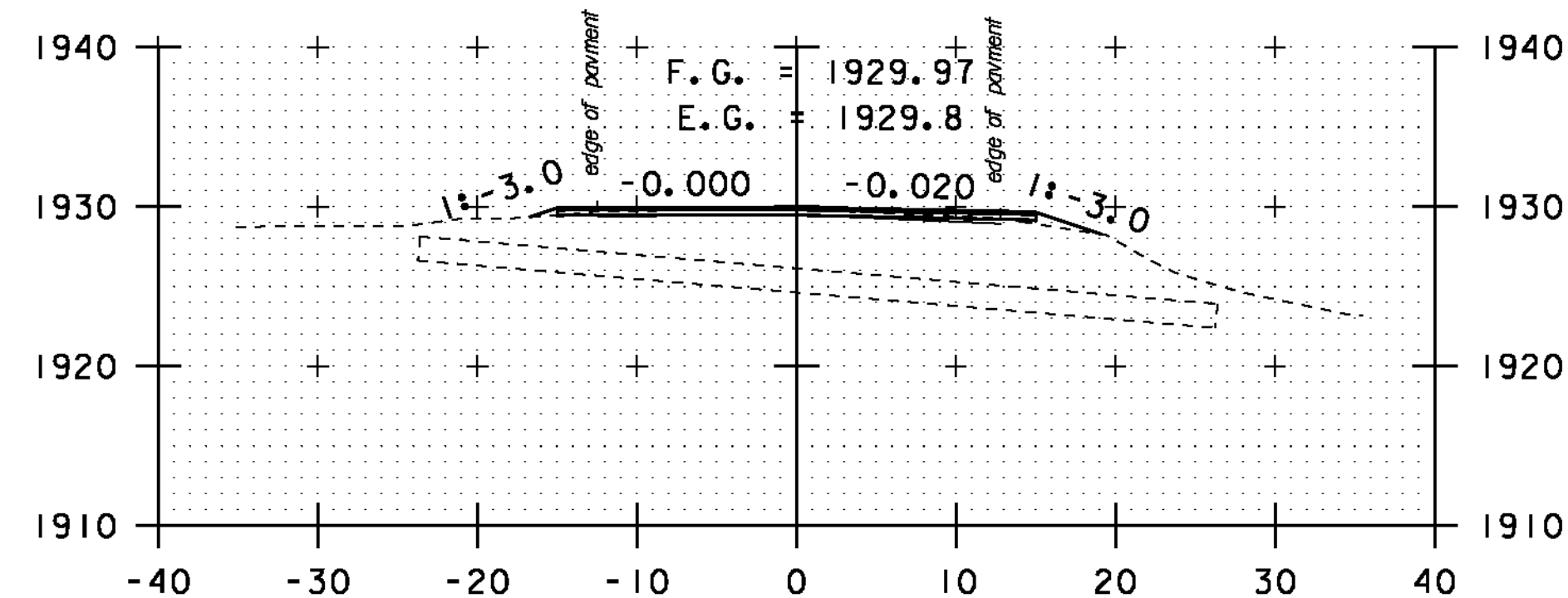
PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(1)

FILE NAME: p10ci90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10ci90_171.1

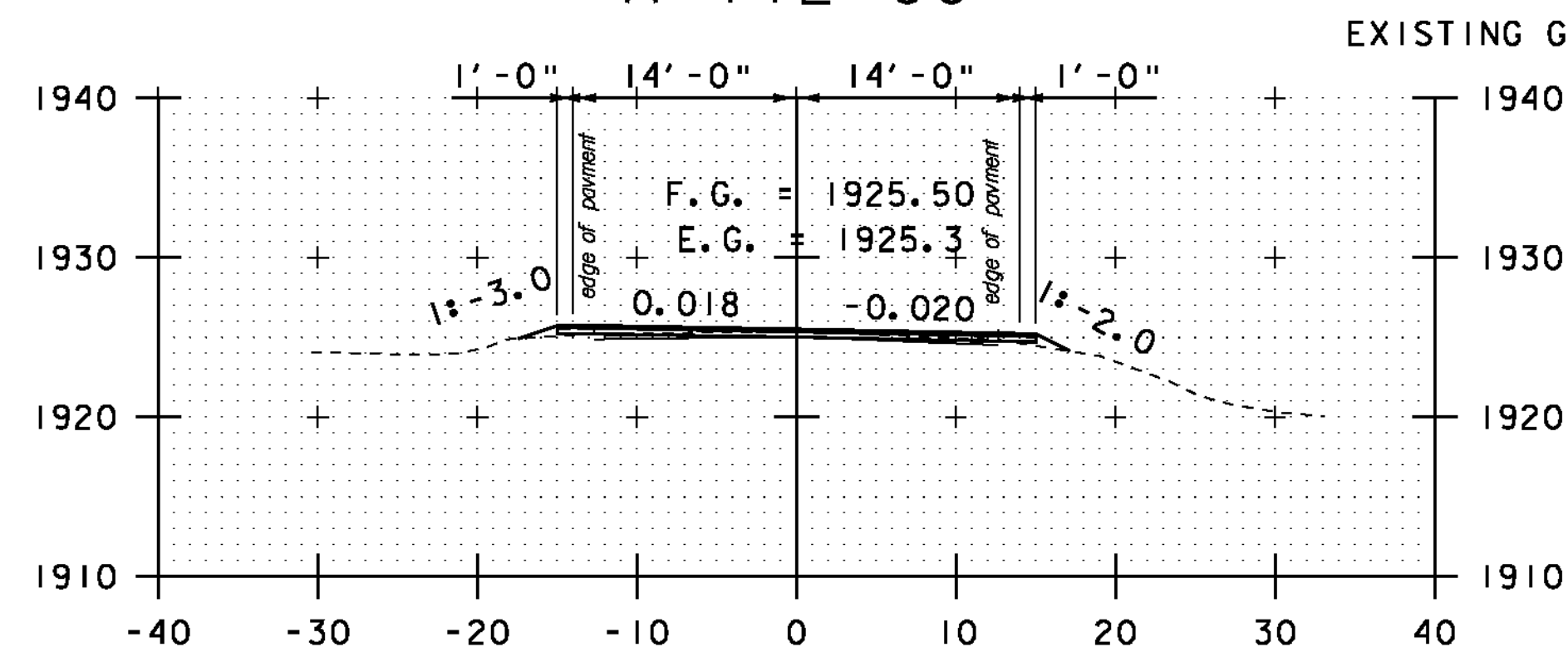
PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: CDL
SHEET 171 OF 178



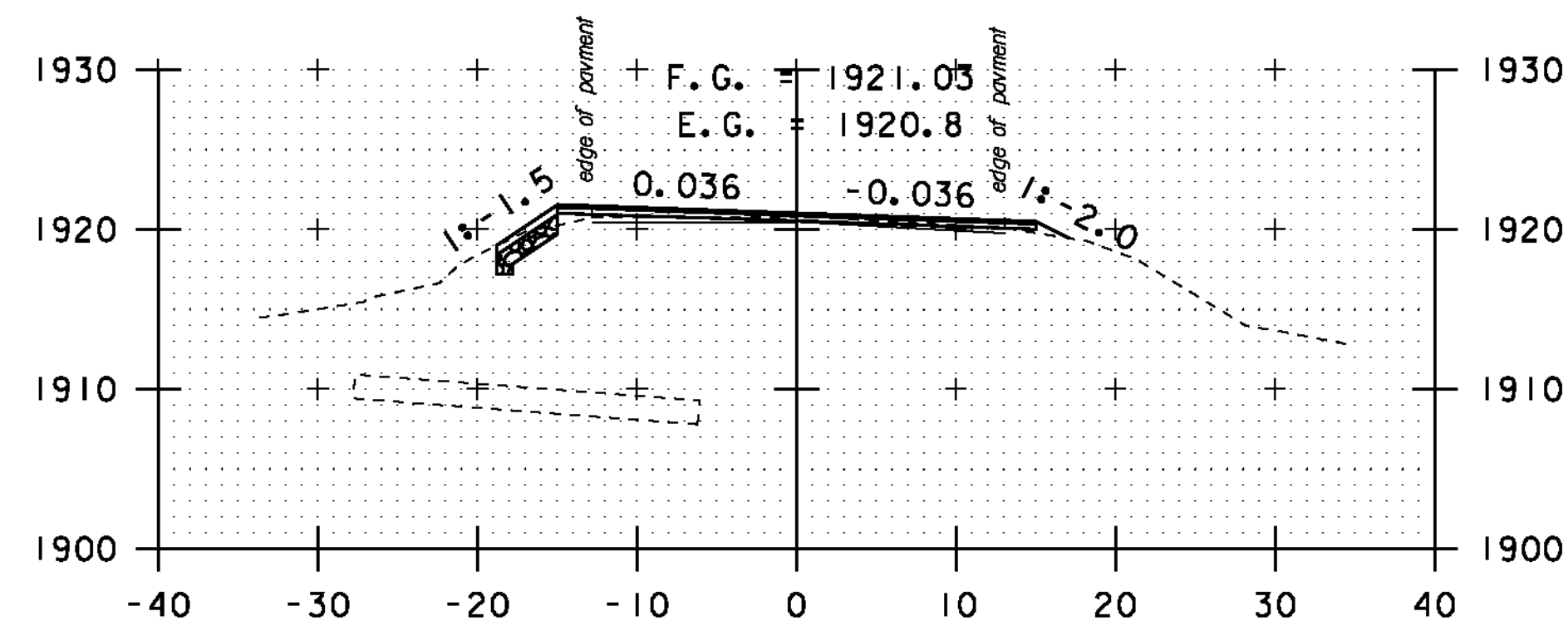
A 112+50



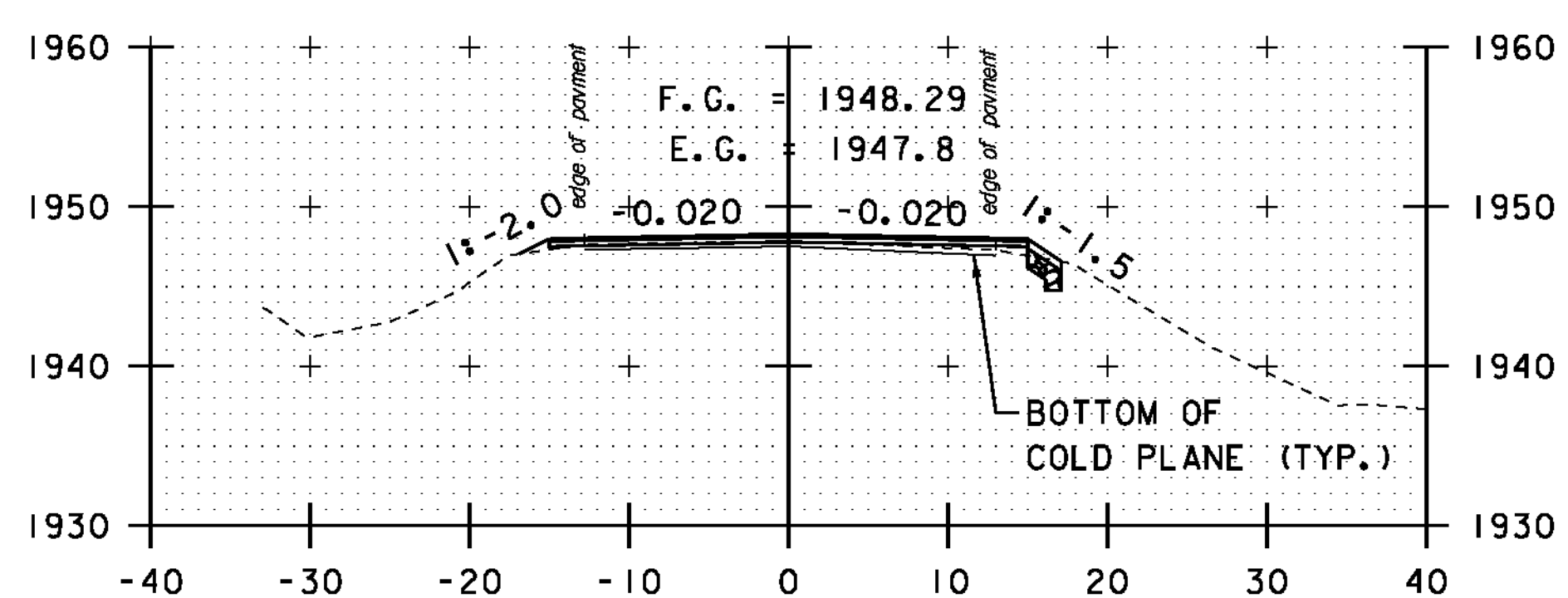
DRIVE LT
A 112+00



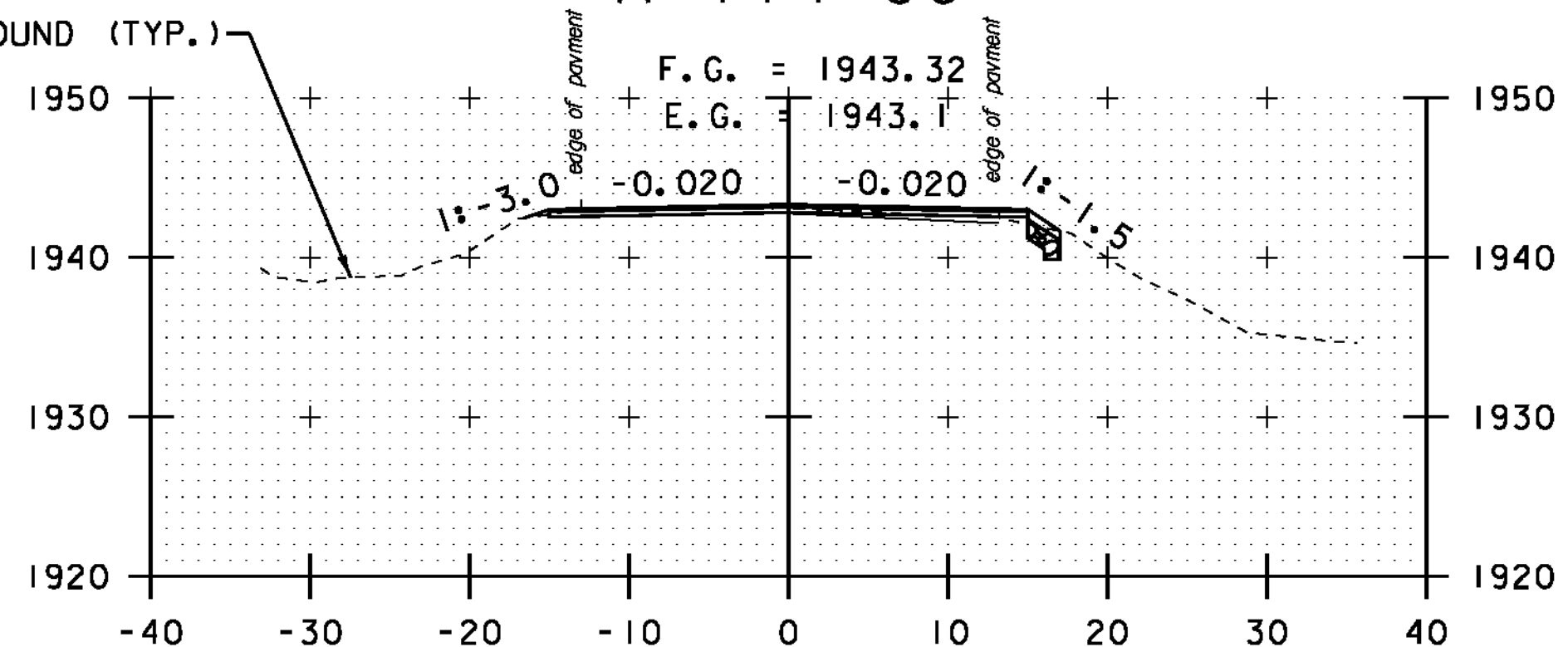
A 111+50



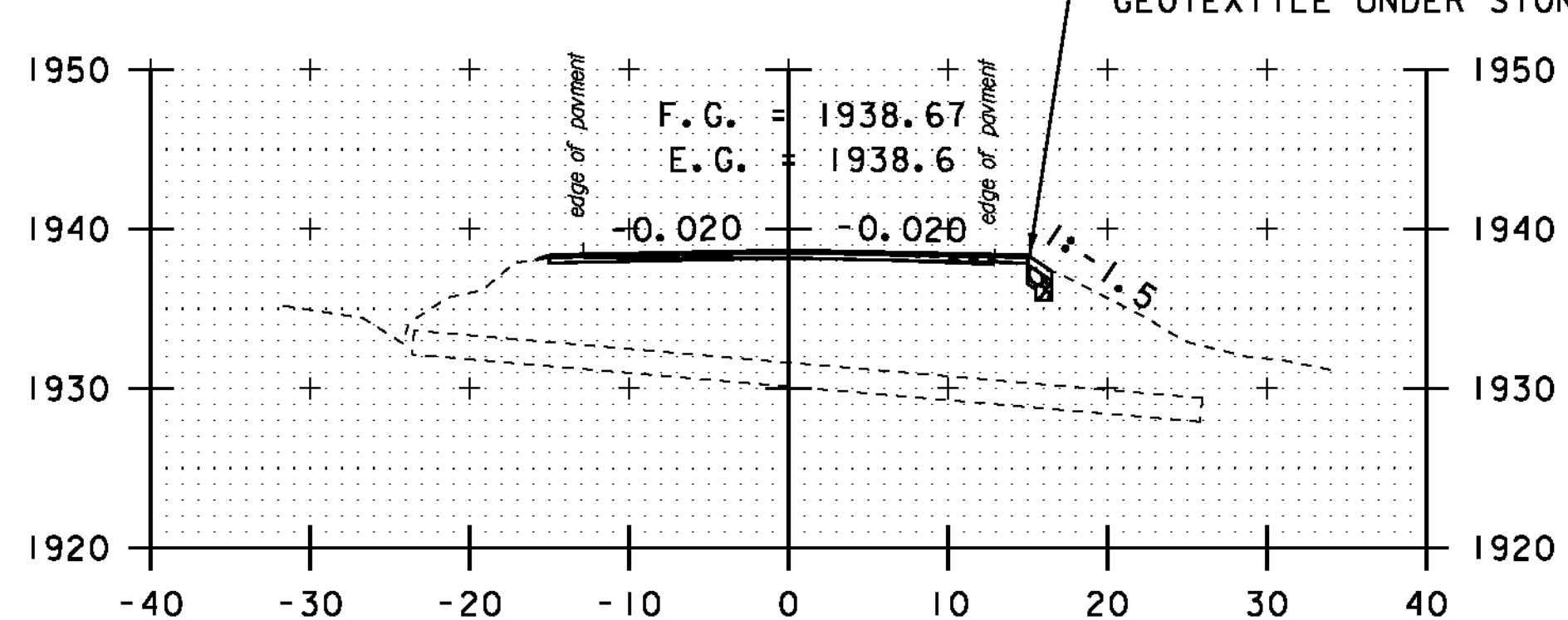
A 111+00



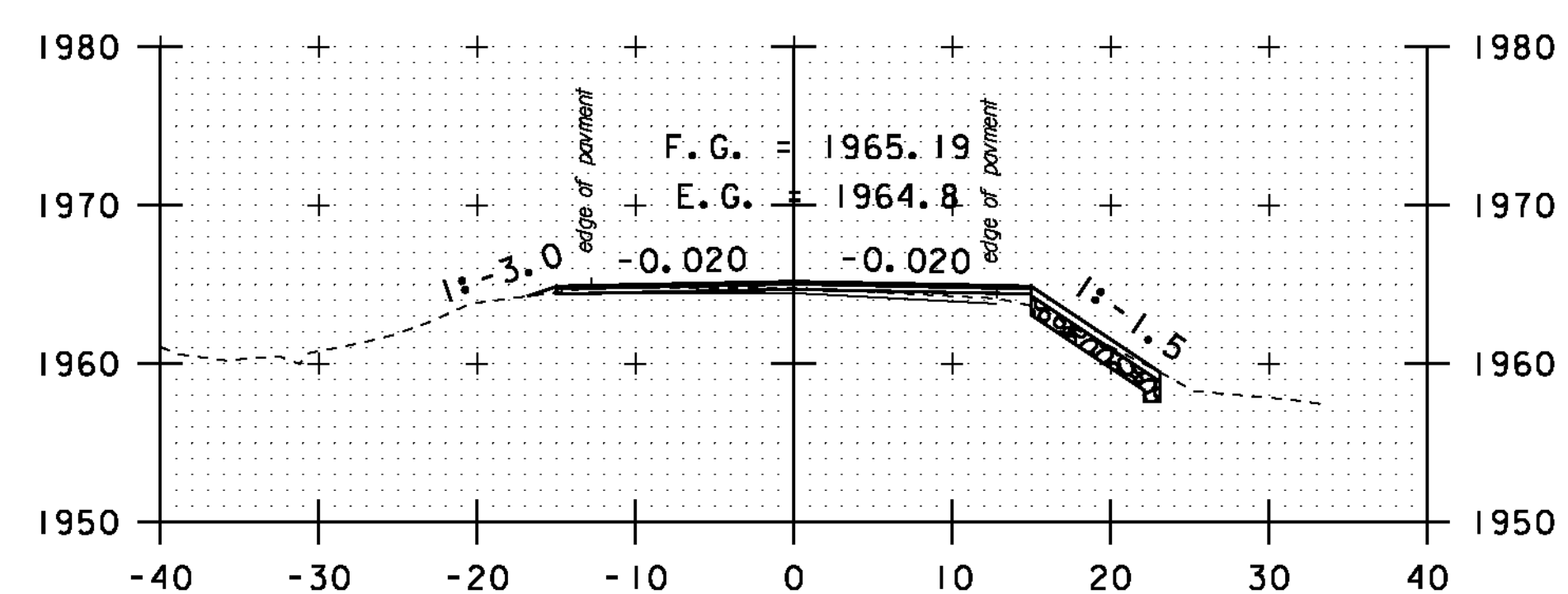
A 114+00



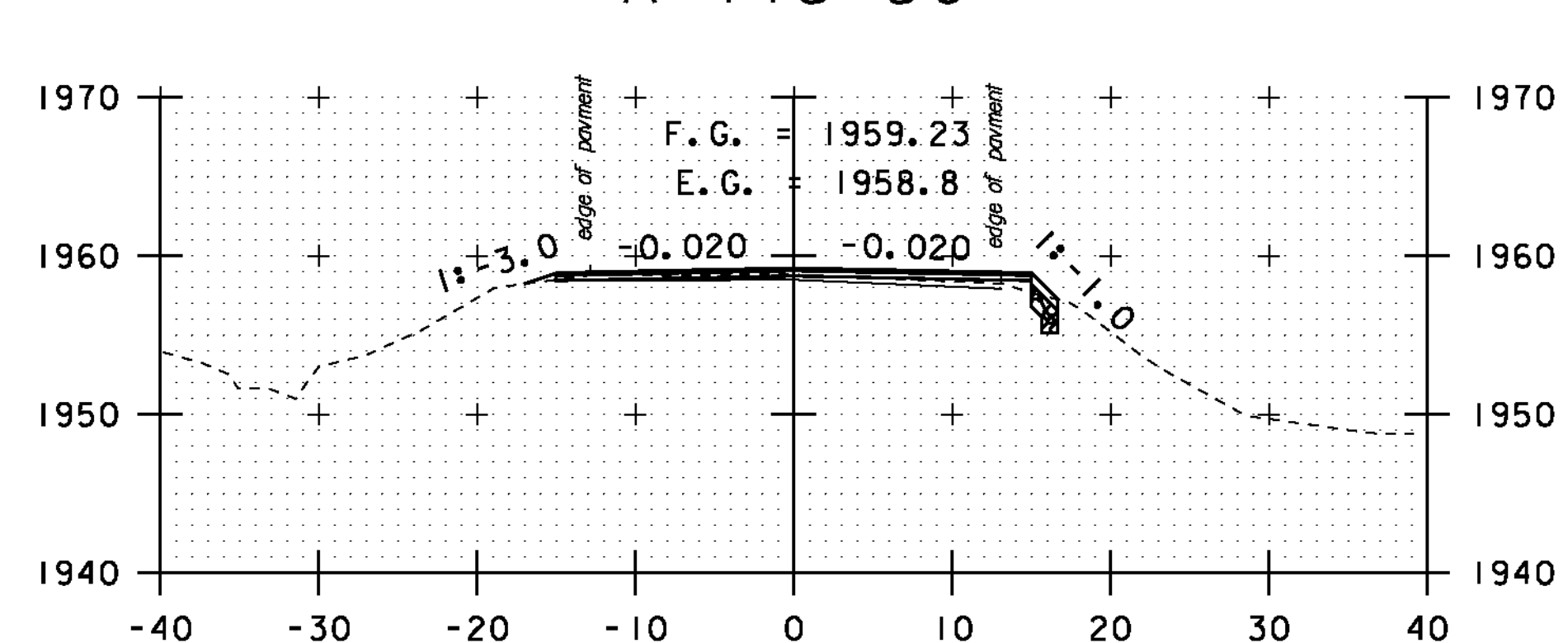
A 113+50



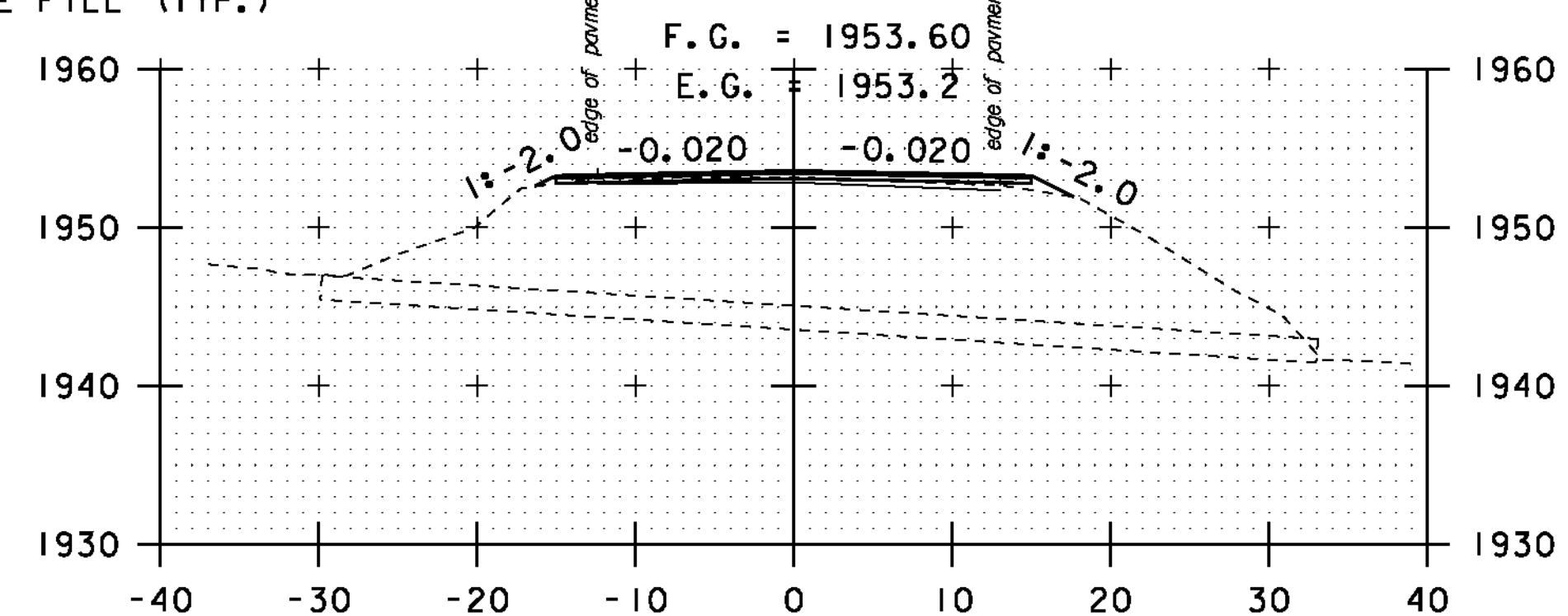
A 113+00



A 115+50



A 115+00



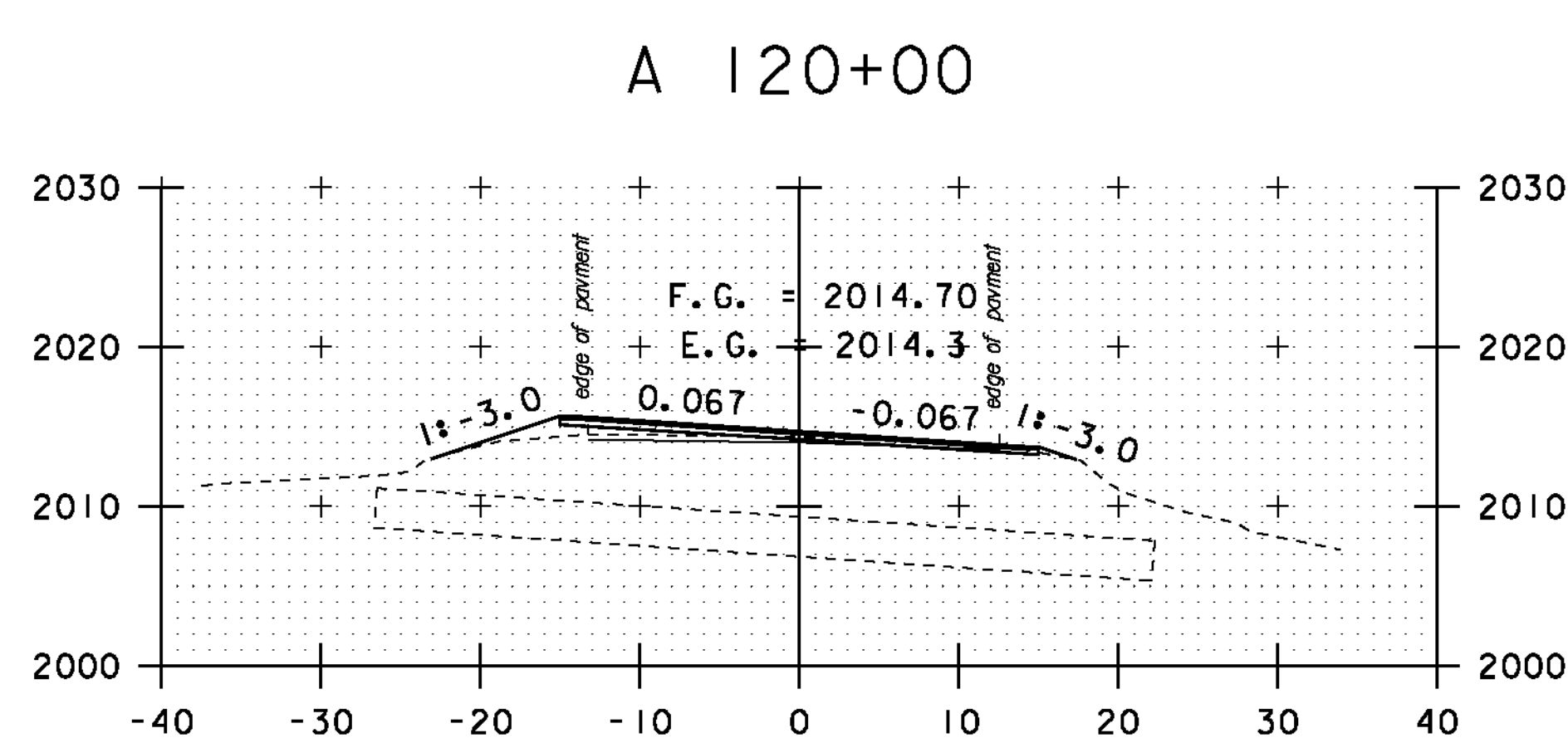
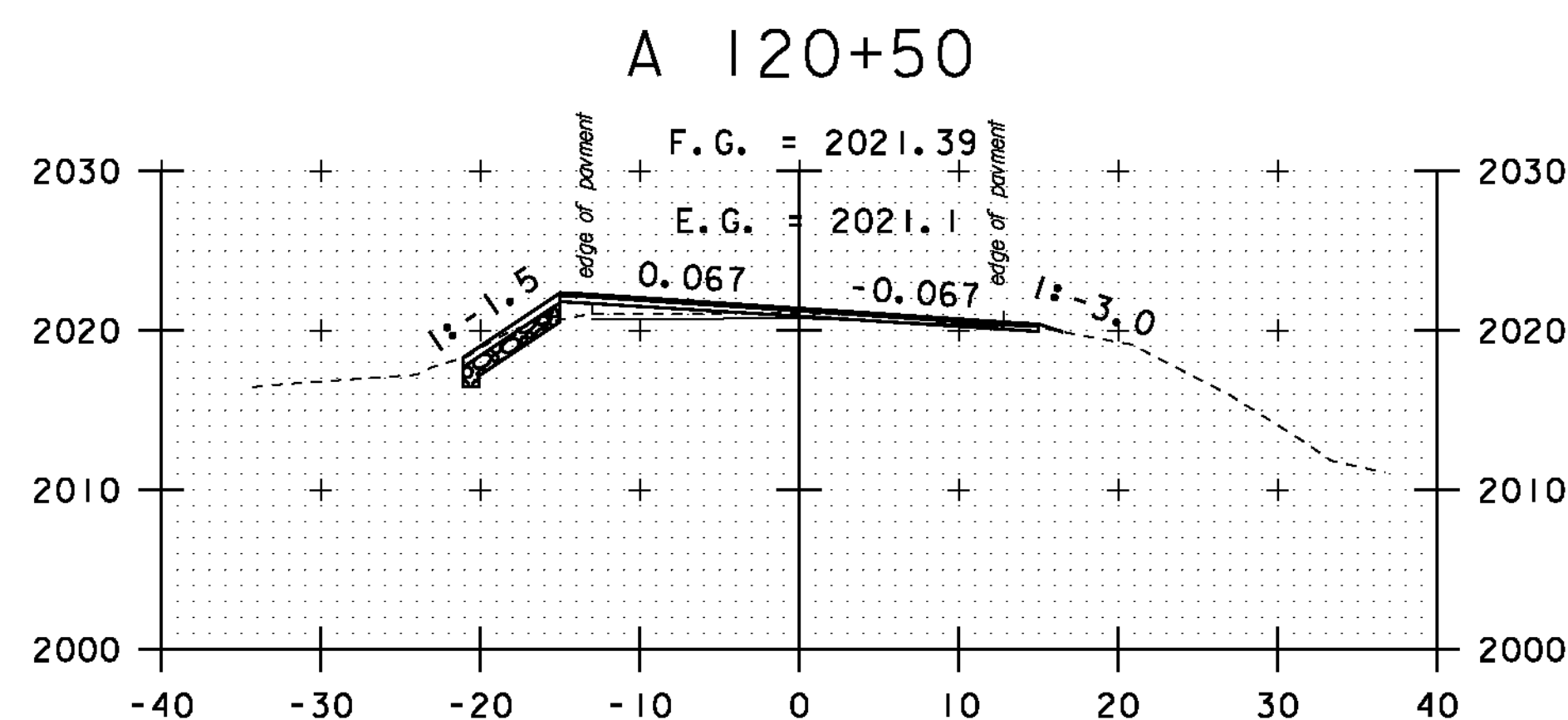
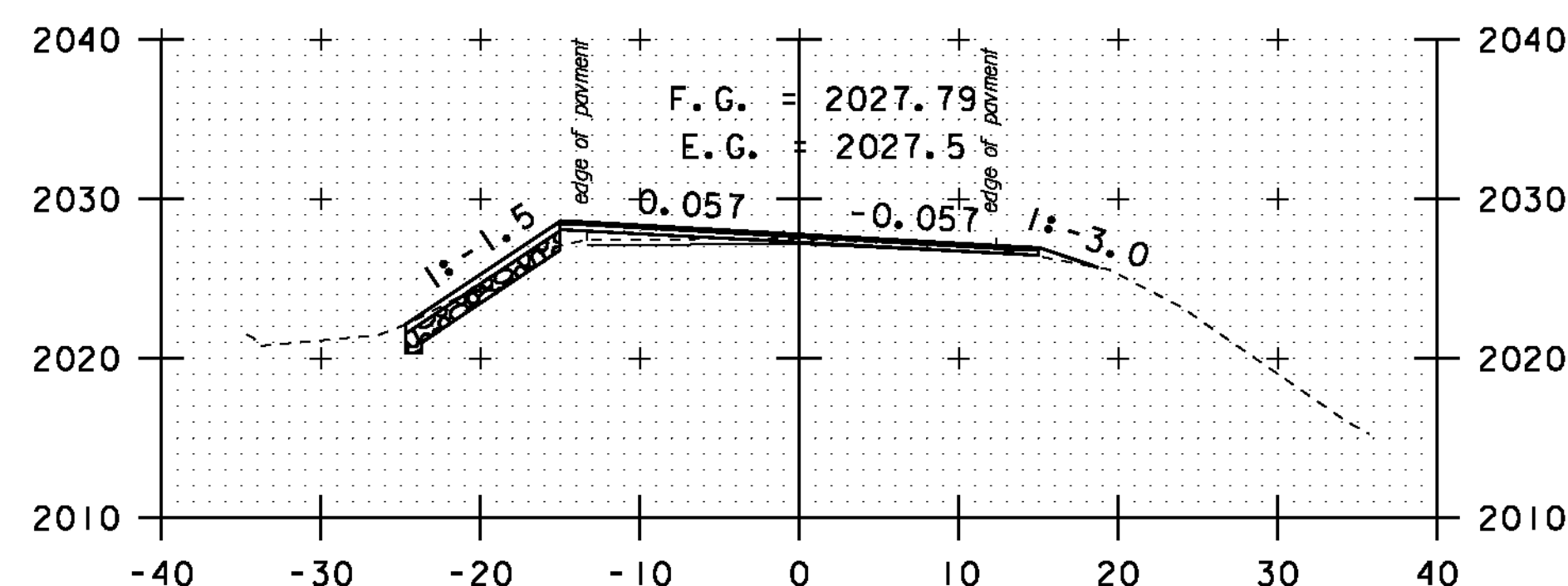
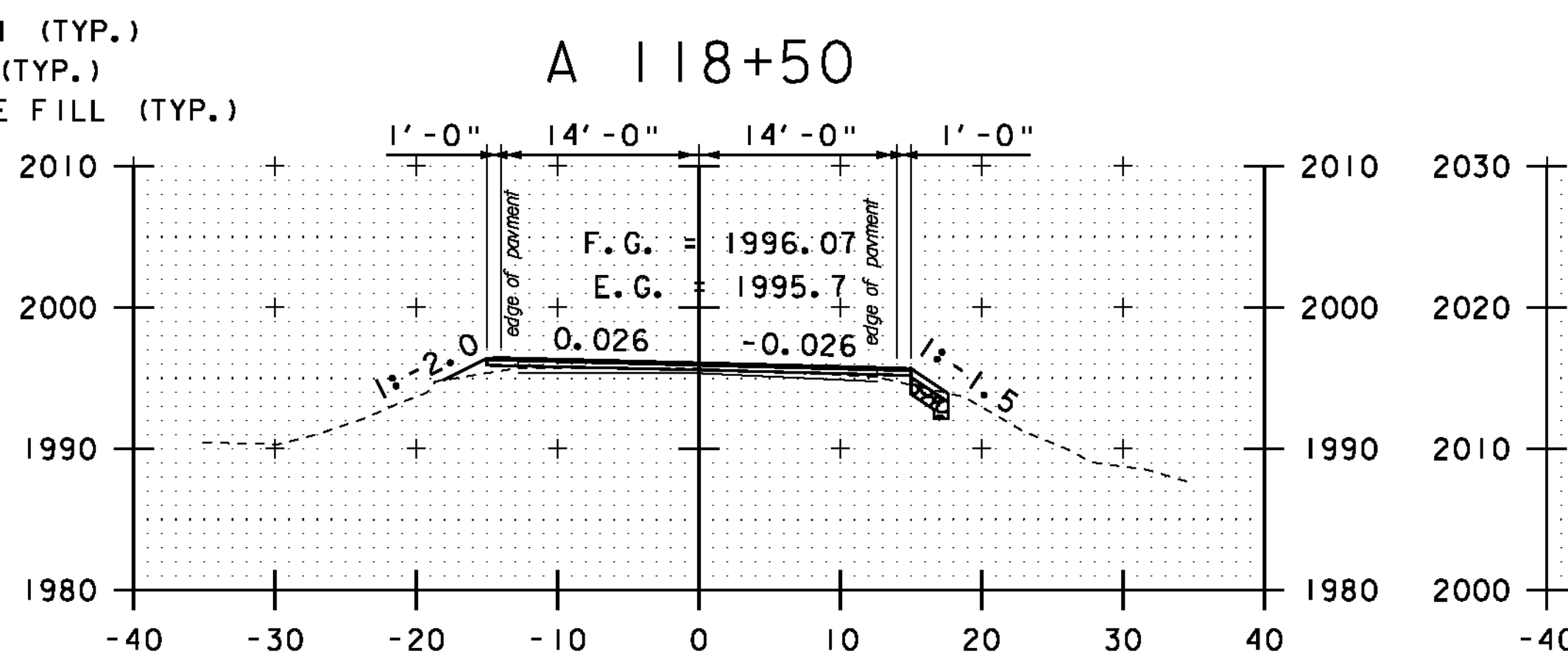
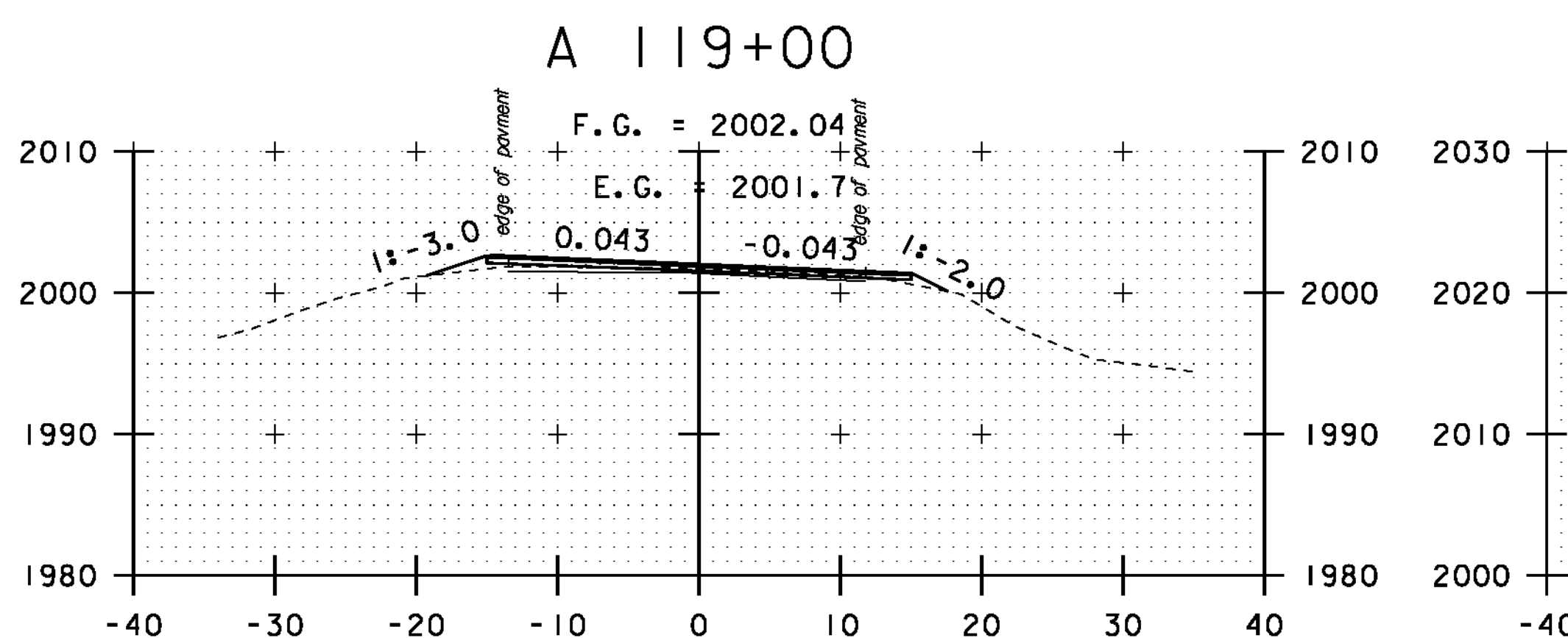
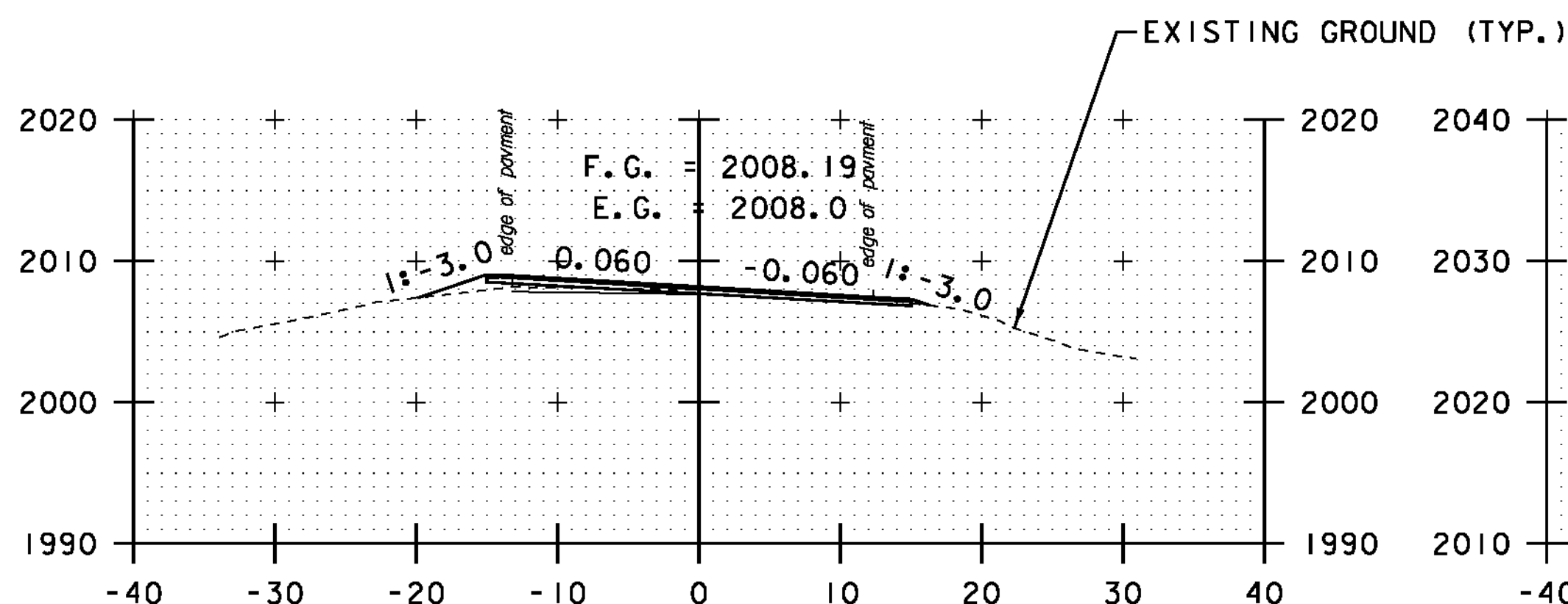
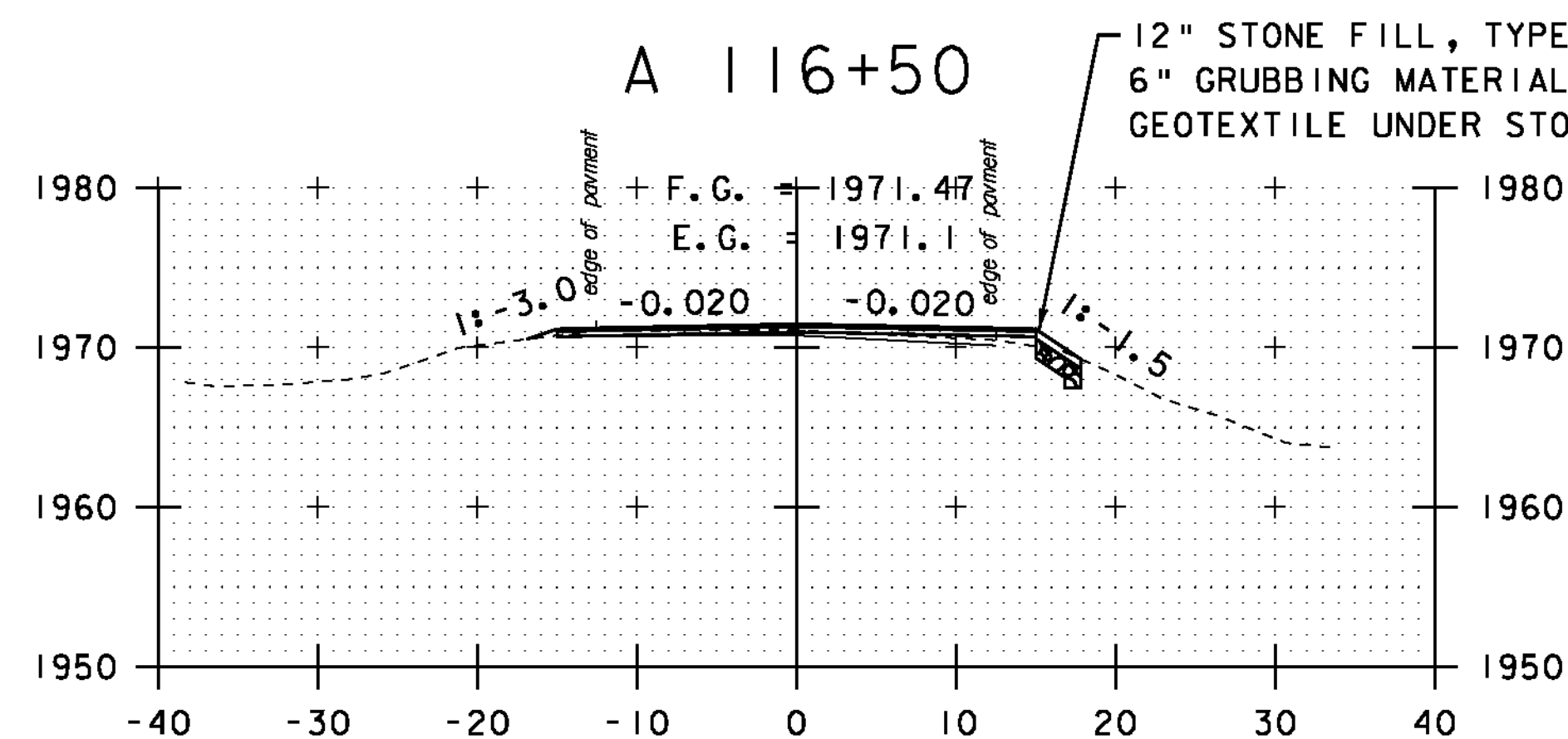
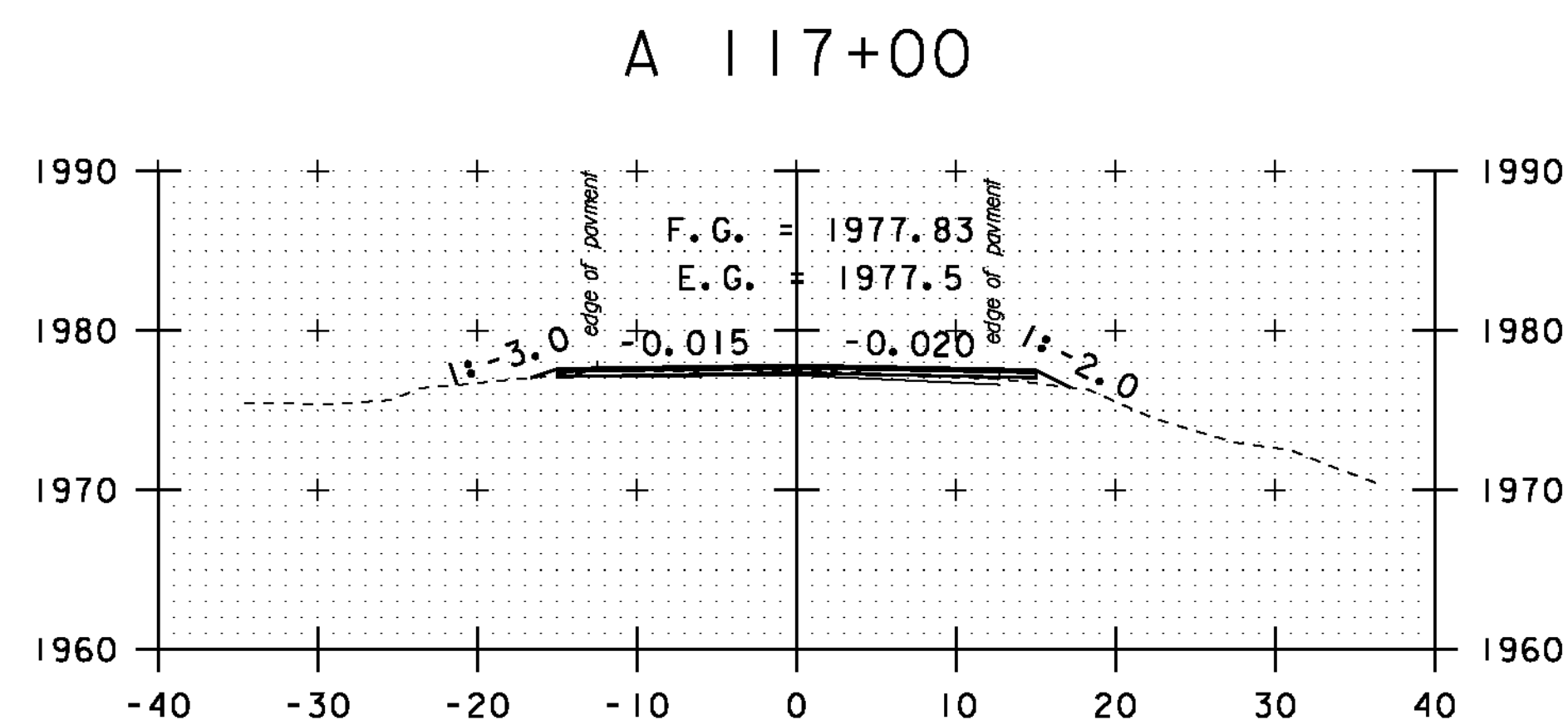
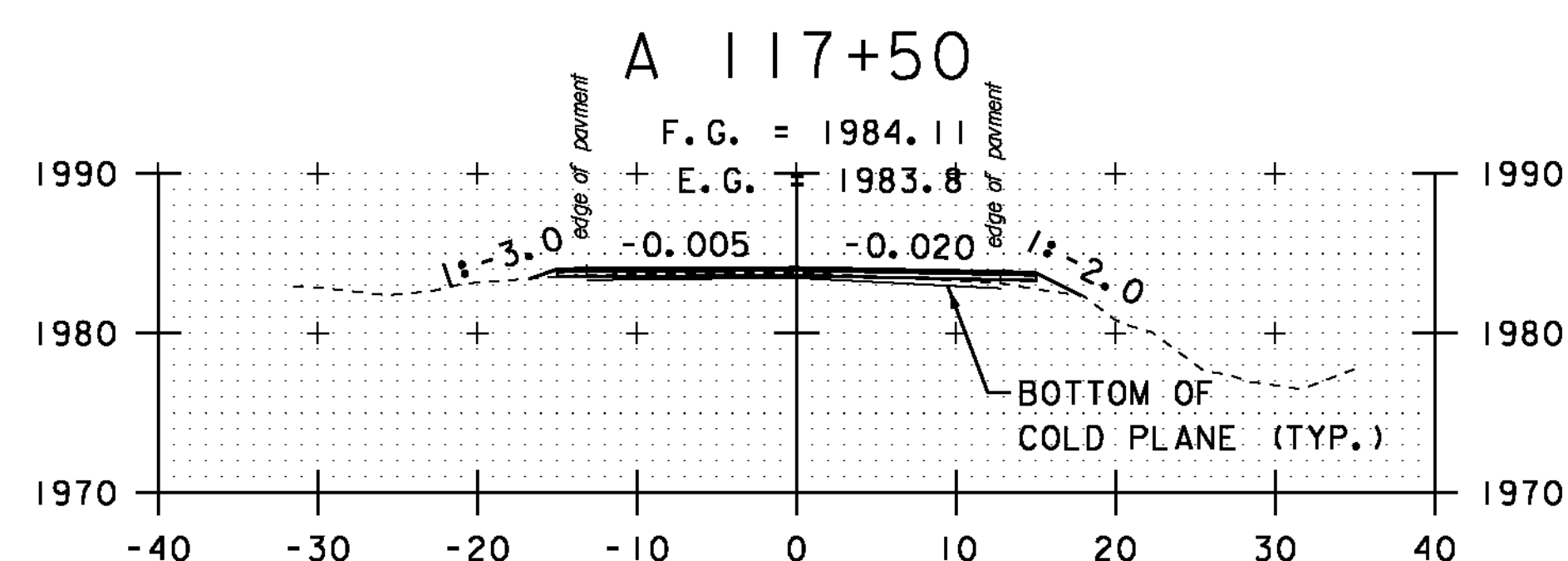
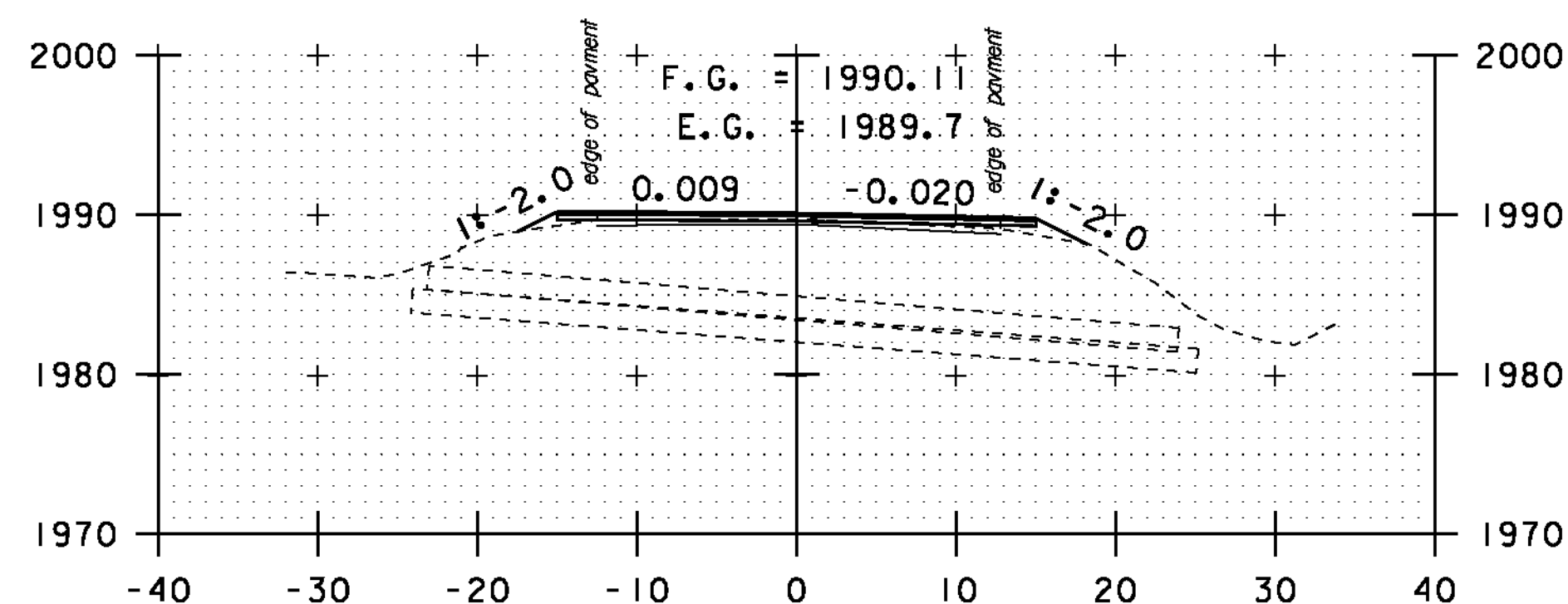
A 114+50

STA. A 111+00 TO STA. A 115+50

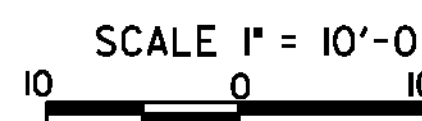
SCALE 1" = 10'-0"

**CROSS
SECTION
SHEET 58**

PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(1)
FILE NAME: p10CI90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10CI90_172.1
PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: CDL
SHEET 172 OF 178

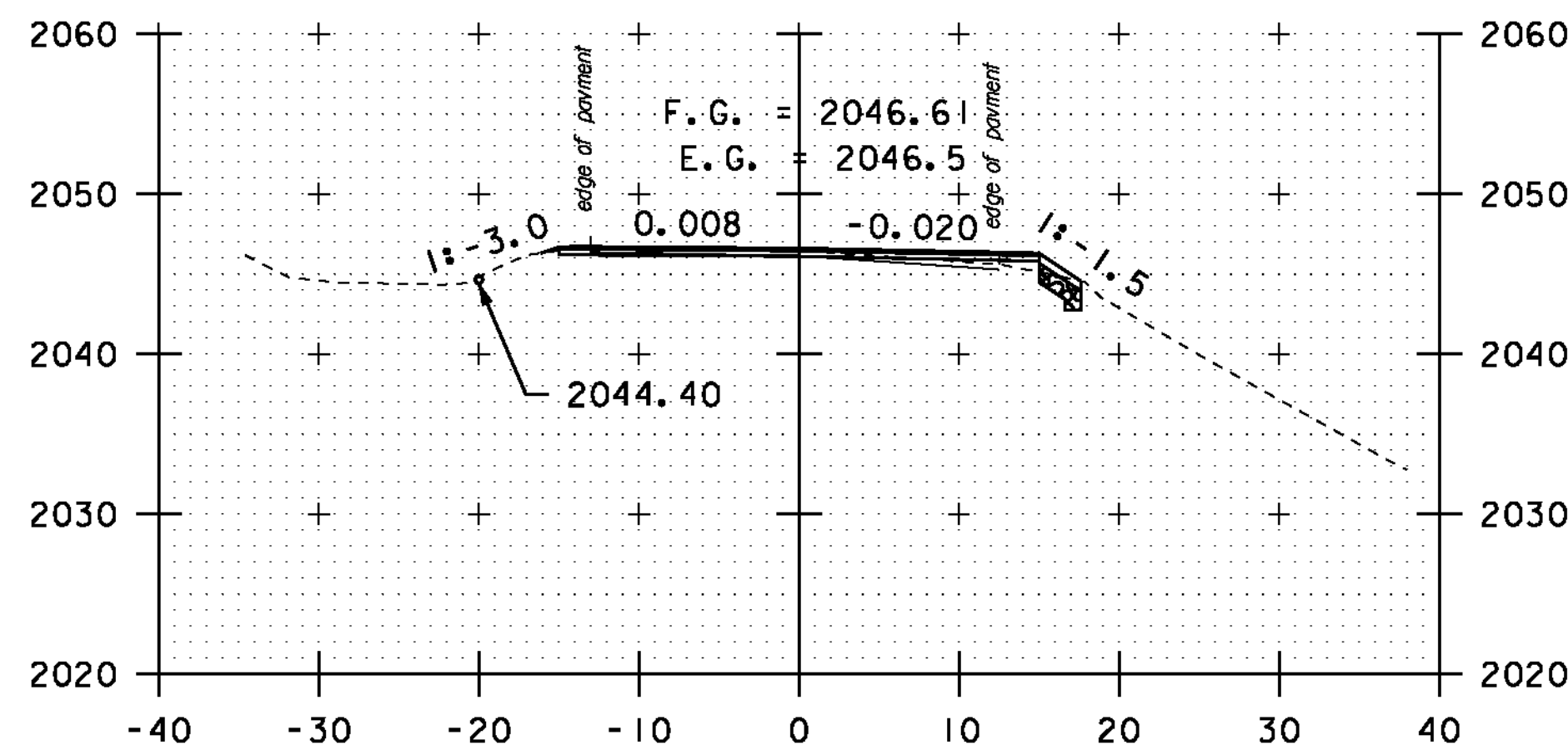


STA. A 116+00 TO STA. A 120+50



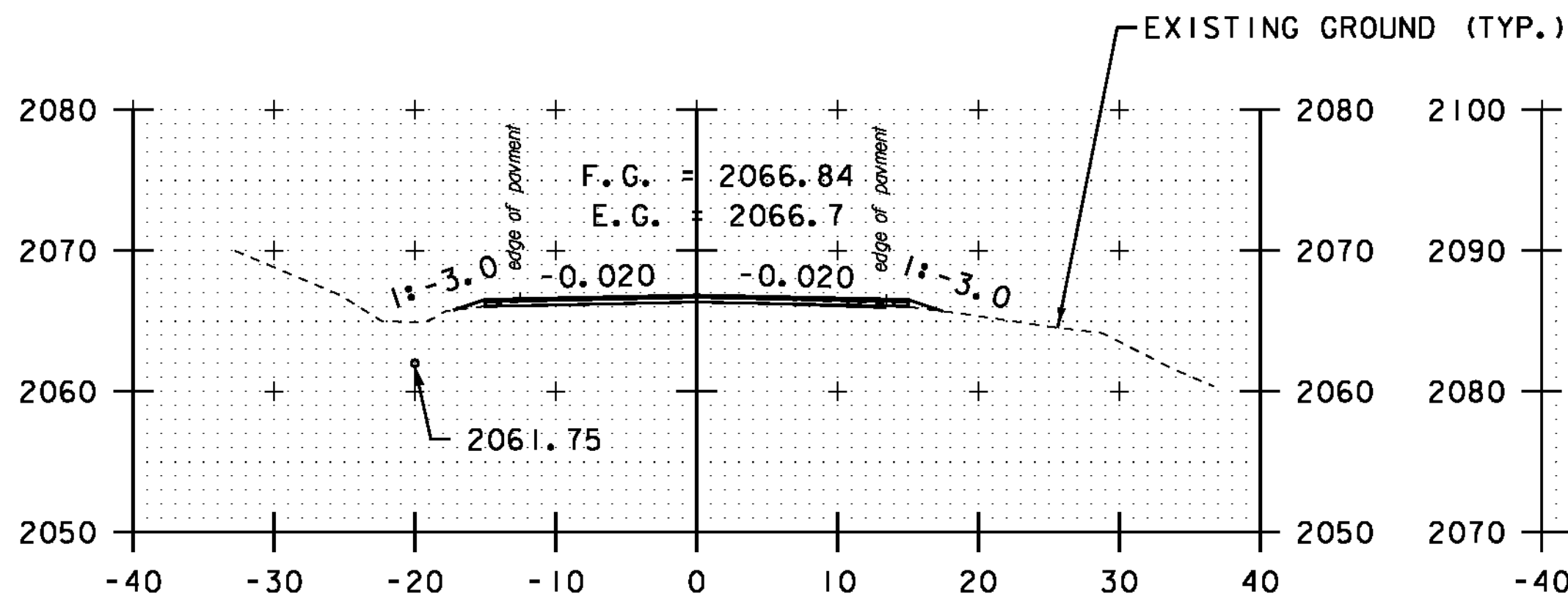
**CROSS
SECTION
SHEET 59**

PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(1)
FILE NAME: p10C190.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C190_173.1
PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: CDL
SHEET 173 OF 178

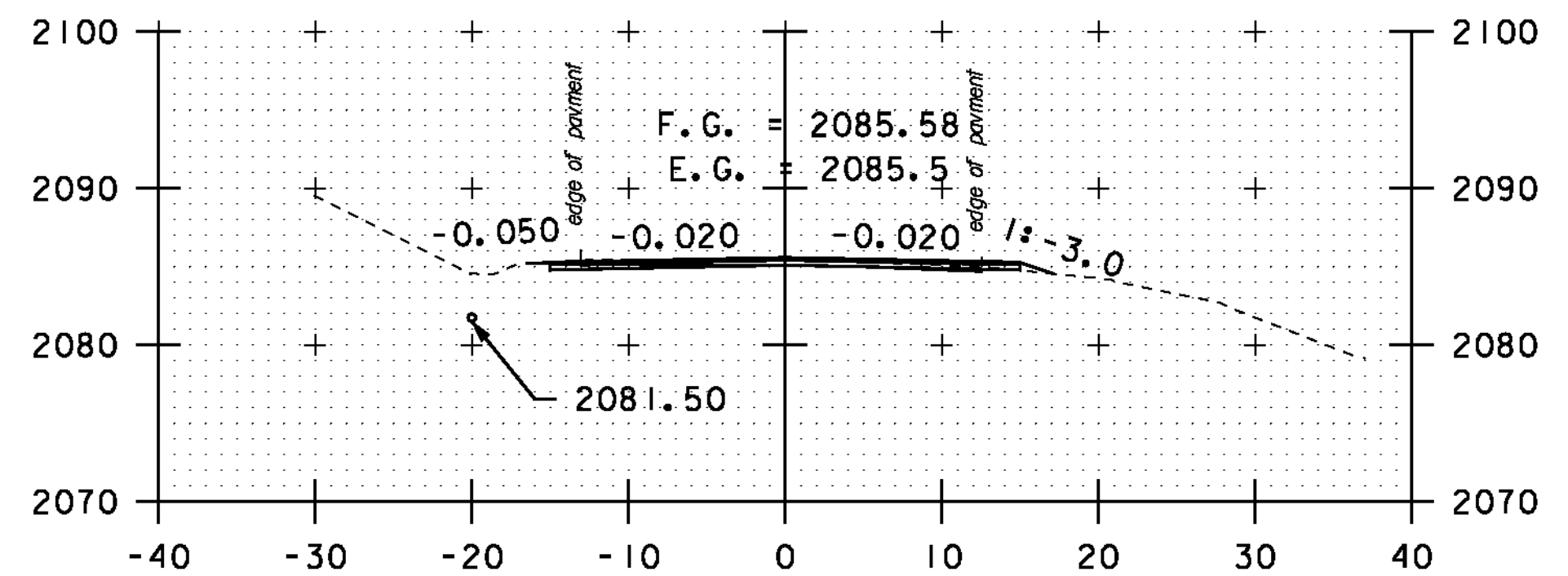


A 122+00

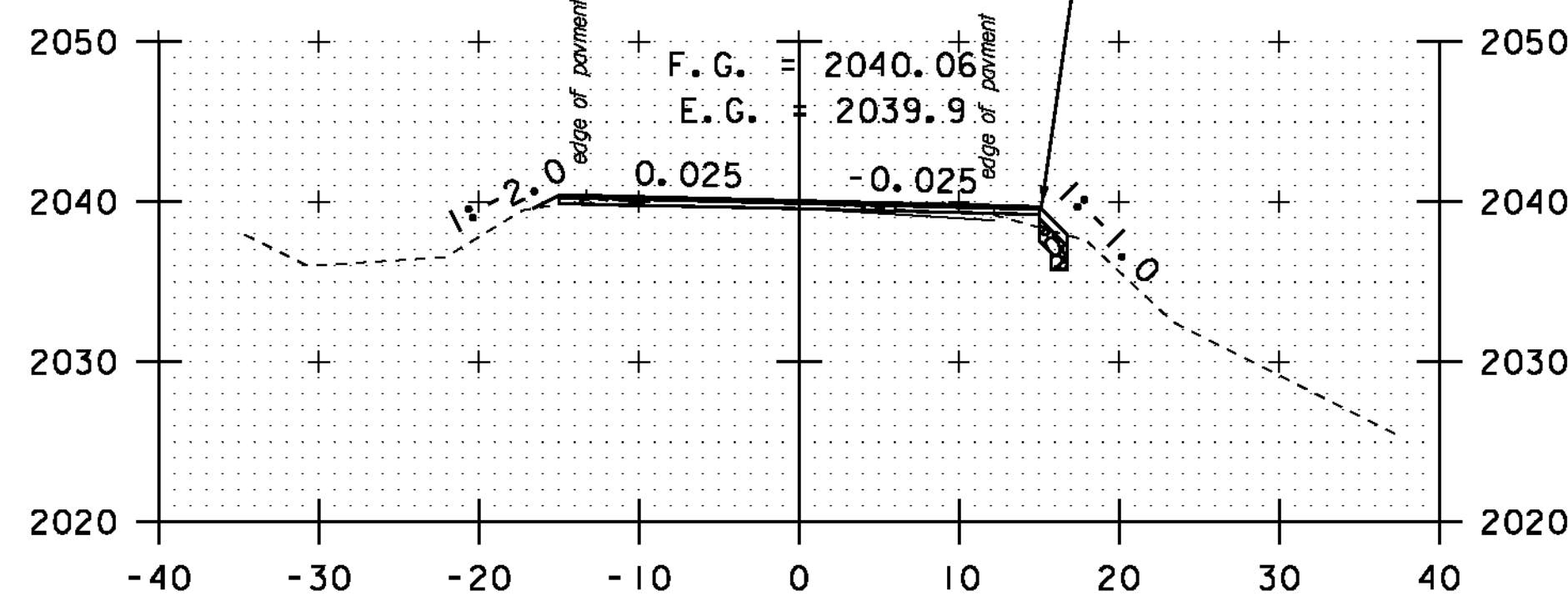
12" STONE FILL, TYPE I (TYP.)
6" GRUBBING MATERIAL (TYP.)
GEOTEXTILE UNDER STONE FILL (TYP.)



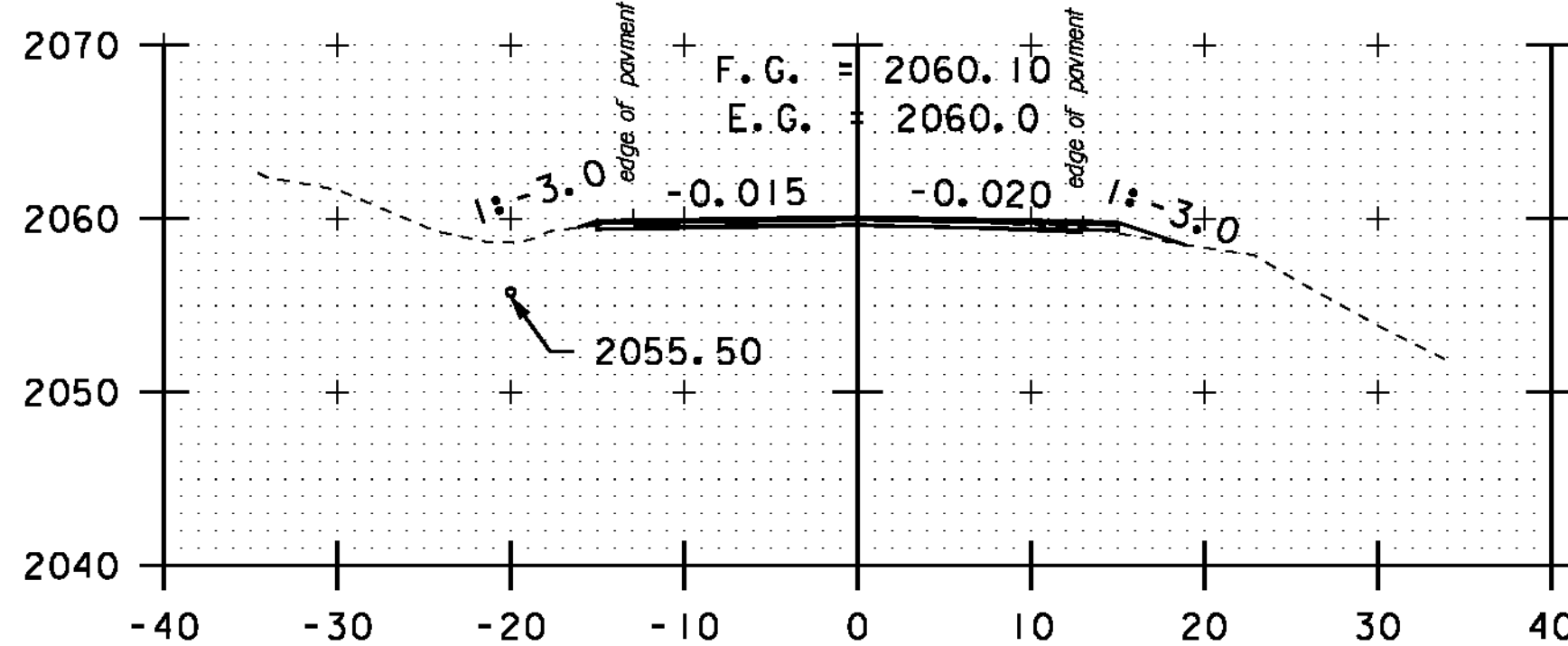
A 123+50



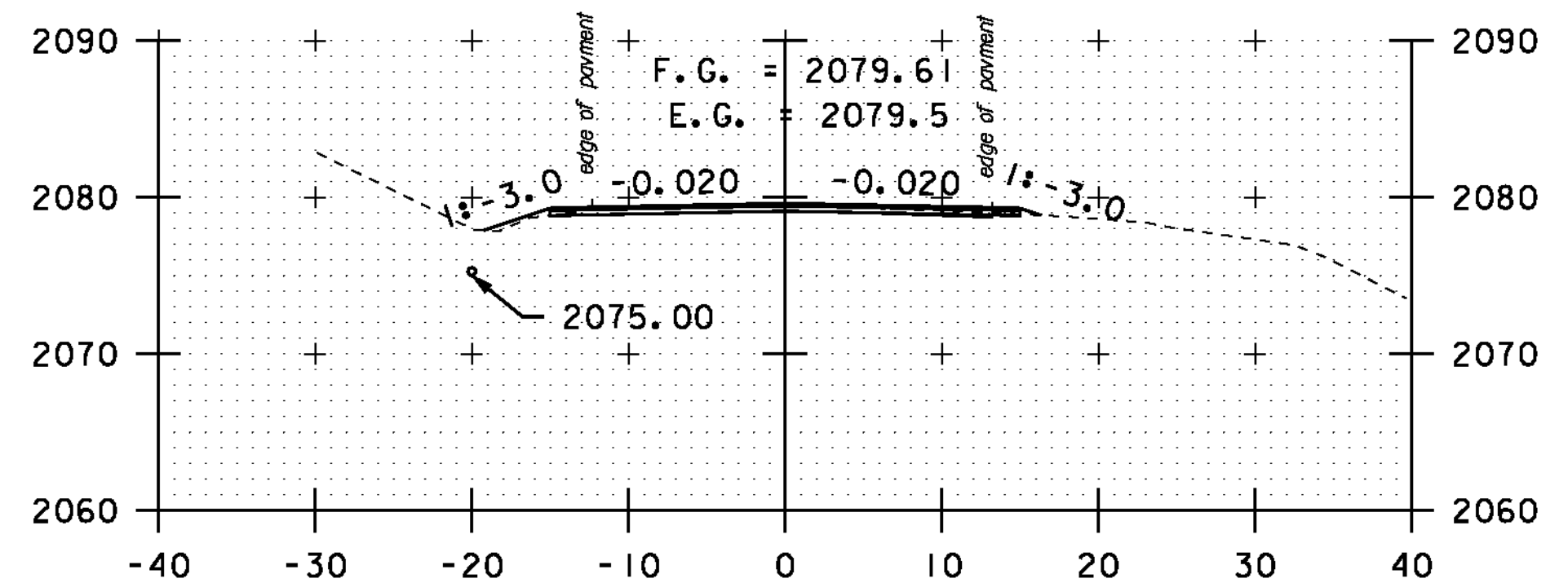
A 125+00



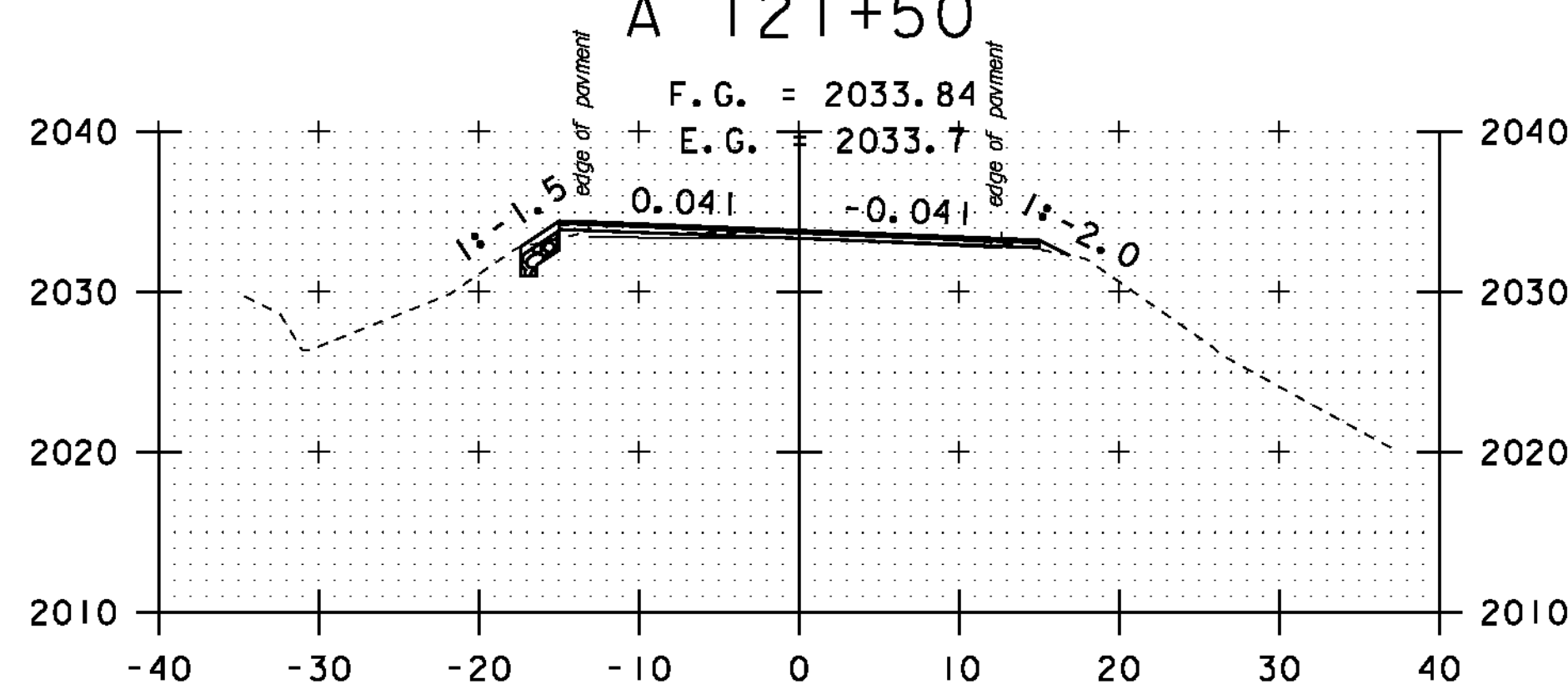
A 121+50



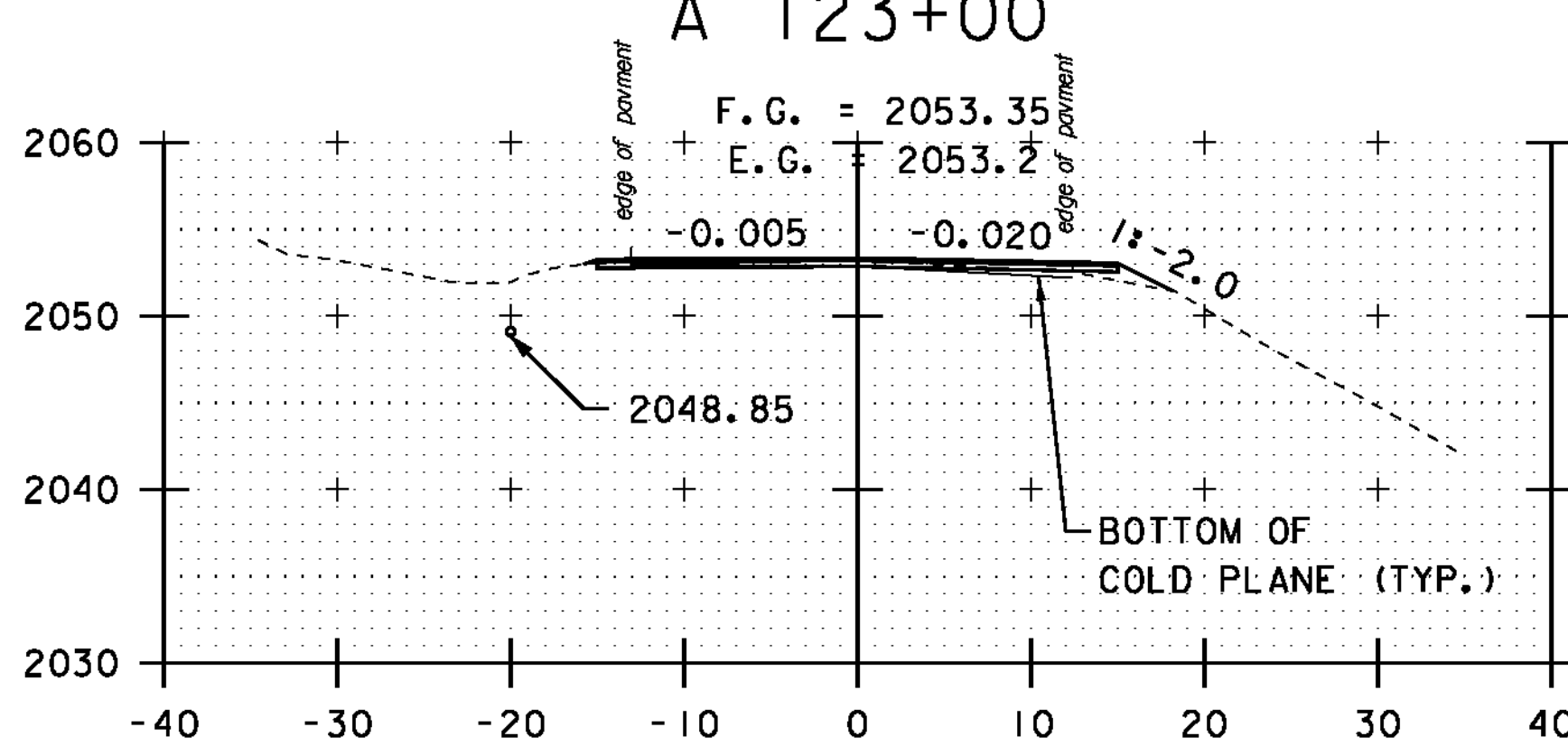
A 123+00



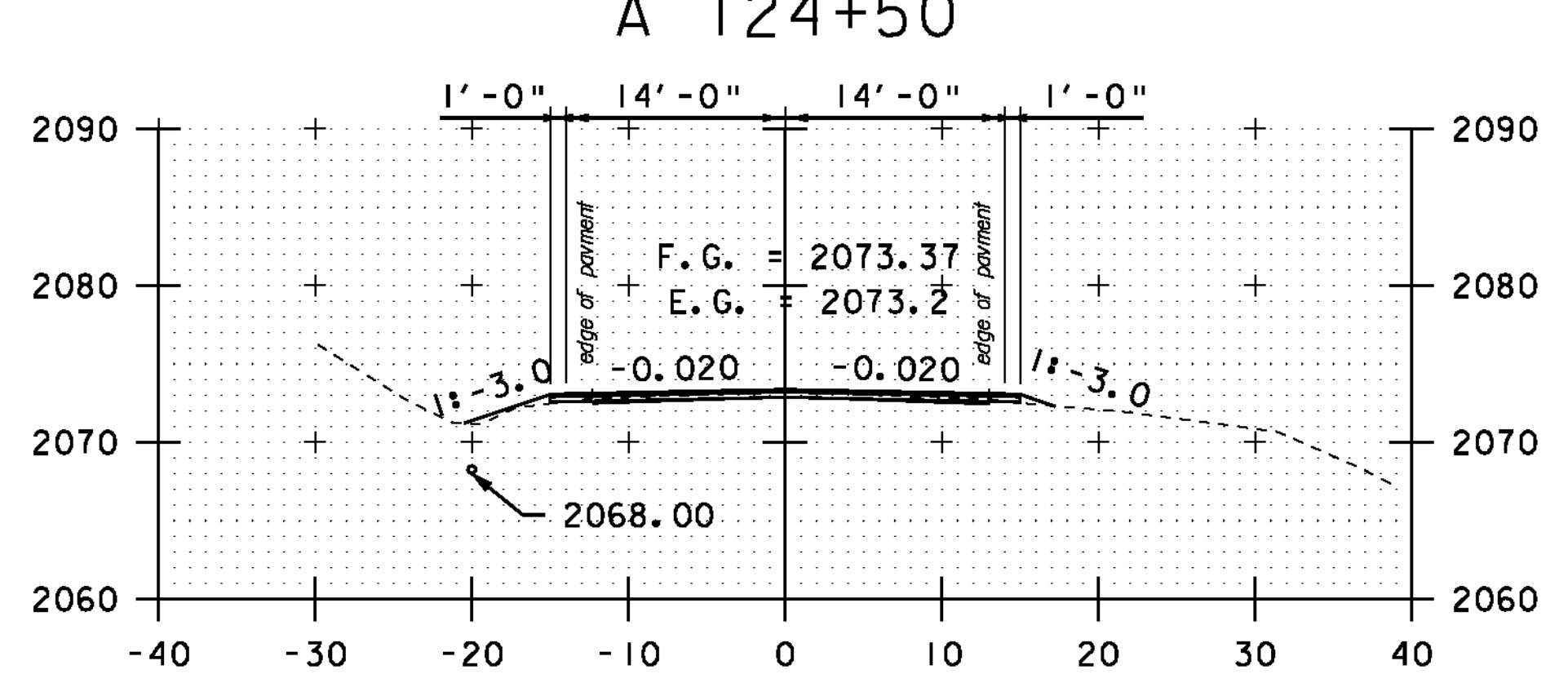
A 124+50



A 121+00



A 122+50



A 124+00

STA. A 121+00 TO STA. A 125+00

SCALE 1" = 10'-0"

**CROSS
SECTION
SHEET 60**

PROJECT NAME: MONTGOMERY-WESTFIELD

PROJECT NUMBER: STP 2906(1)

FILE NAME: p10CI90.dgn

PROJECT LEADER: CDL

DESIGNED BY: SJL

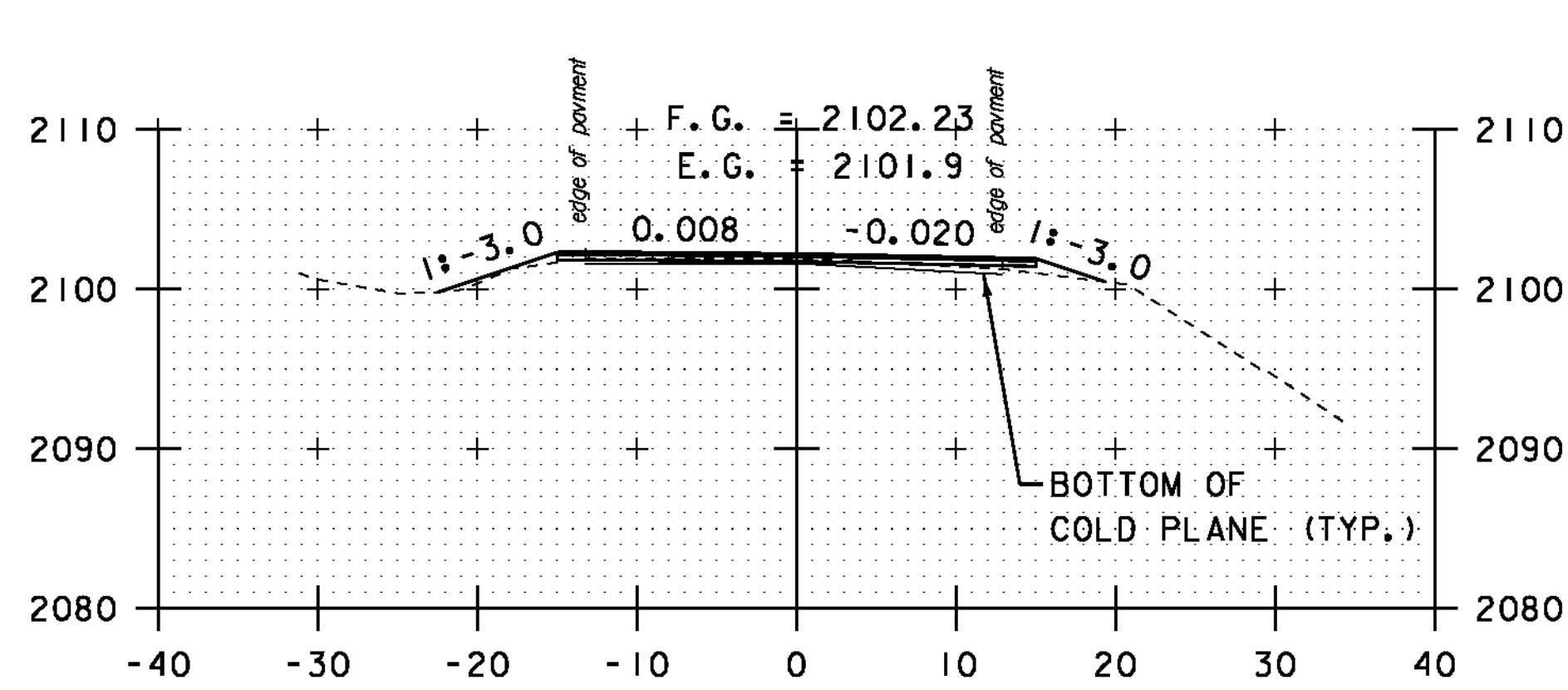
PLOT FILE: p10CI90_174.1

PLOT DATE: 9/5/12

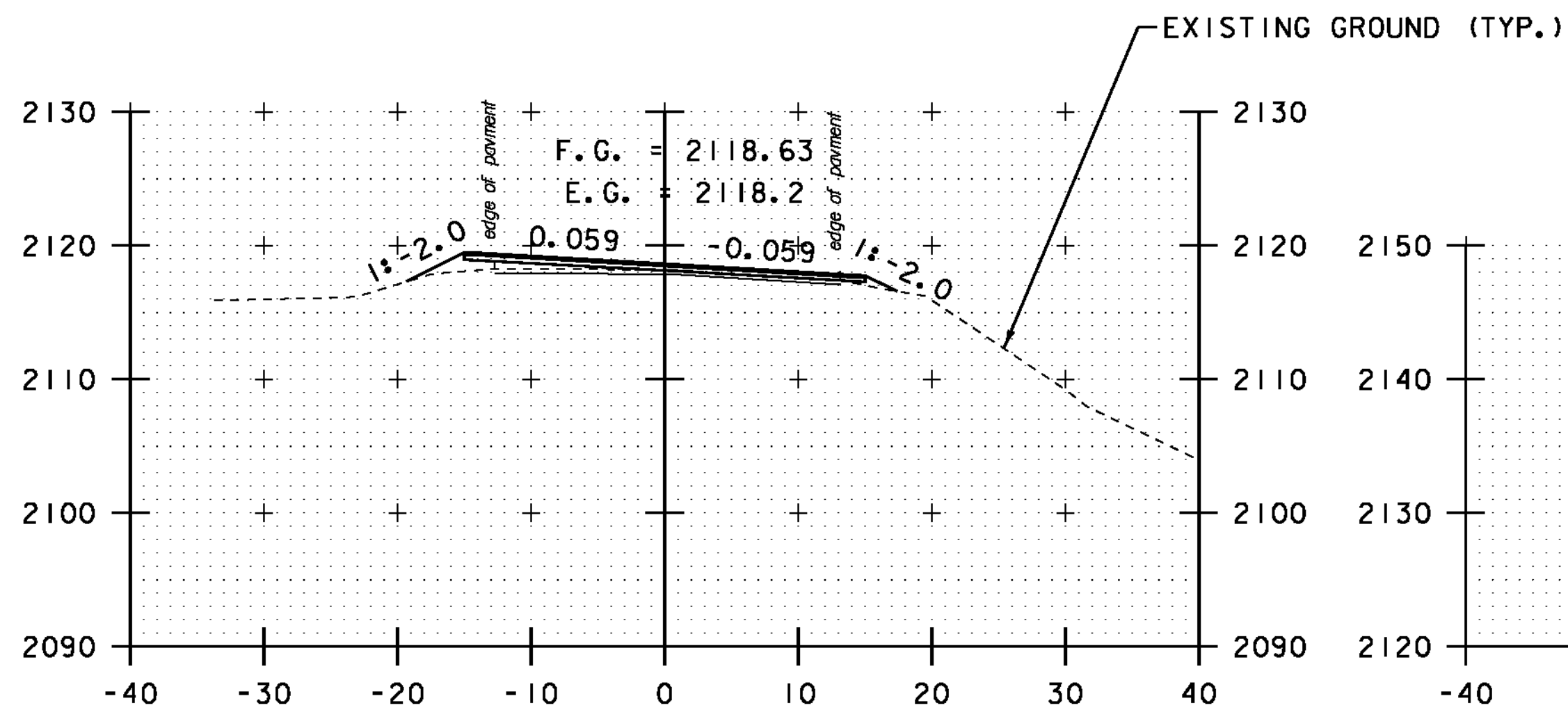
DRAWN BY: SJL

CHECKED BY: CDL

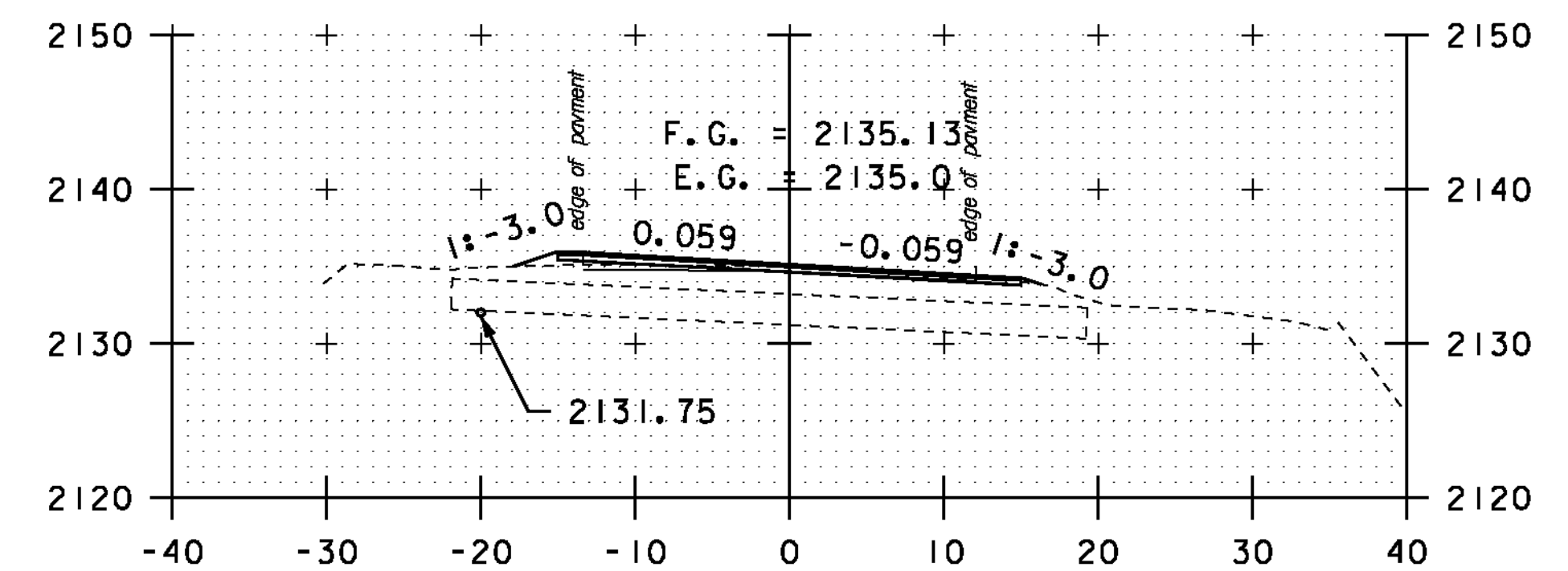
SHEET 174 OF 178



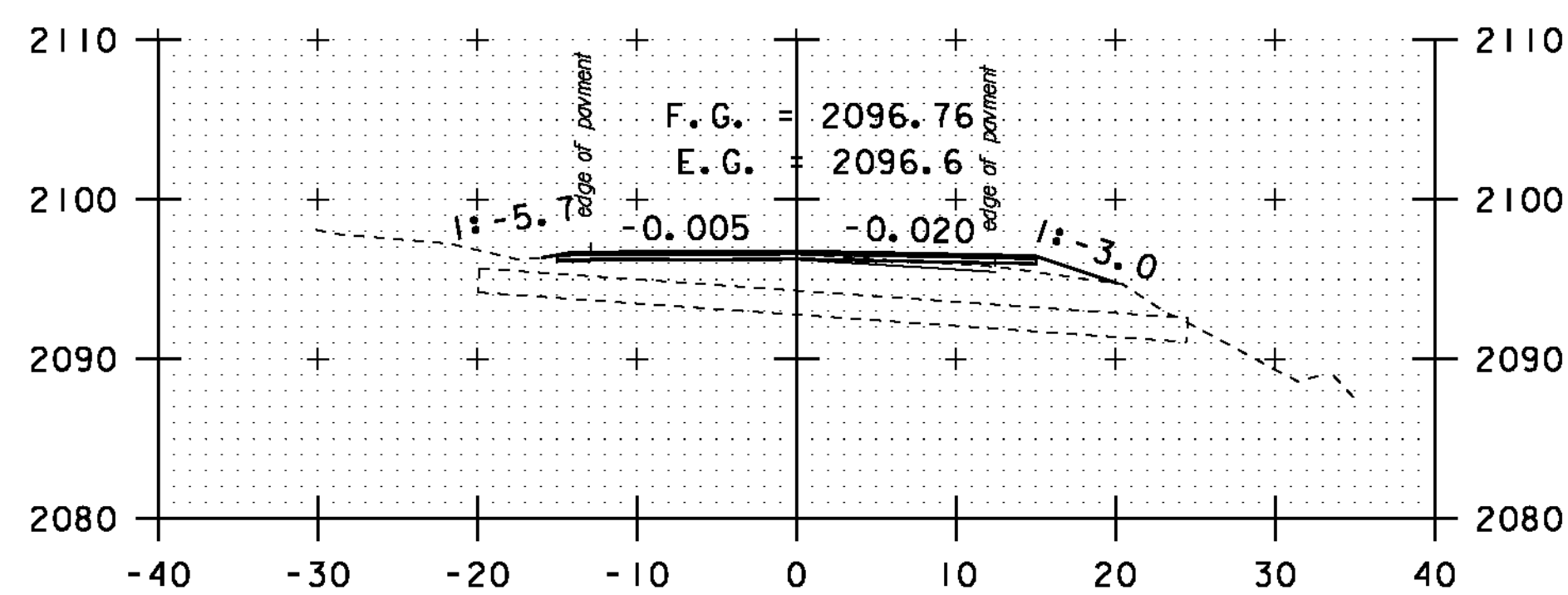
A 126+50



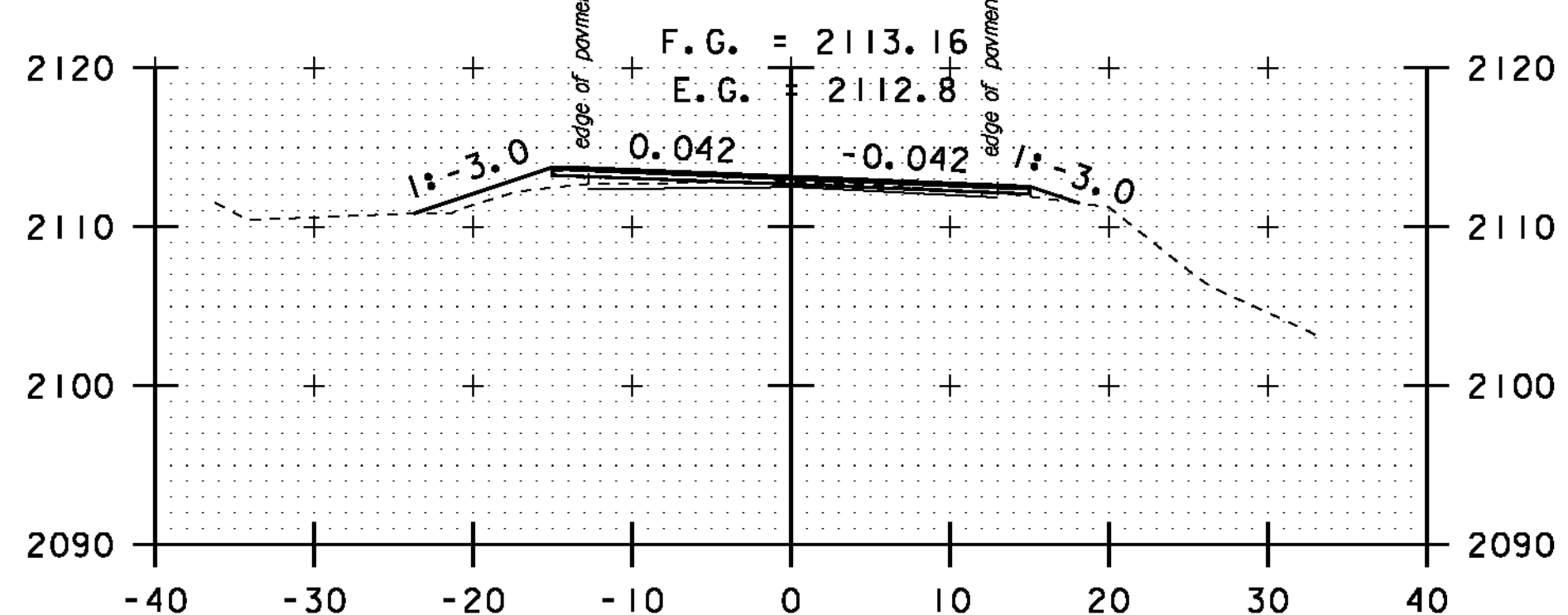
A 128+00



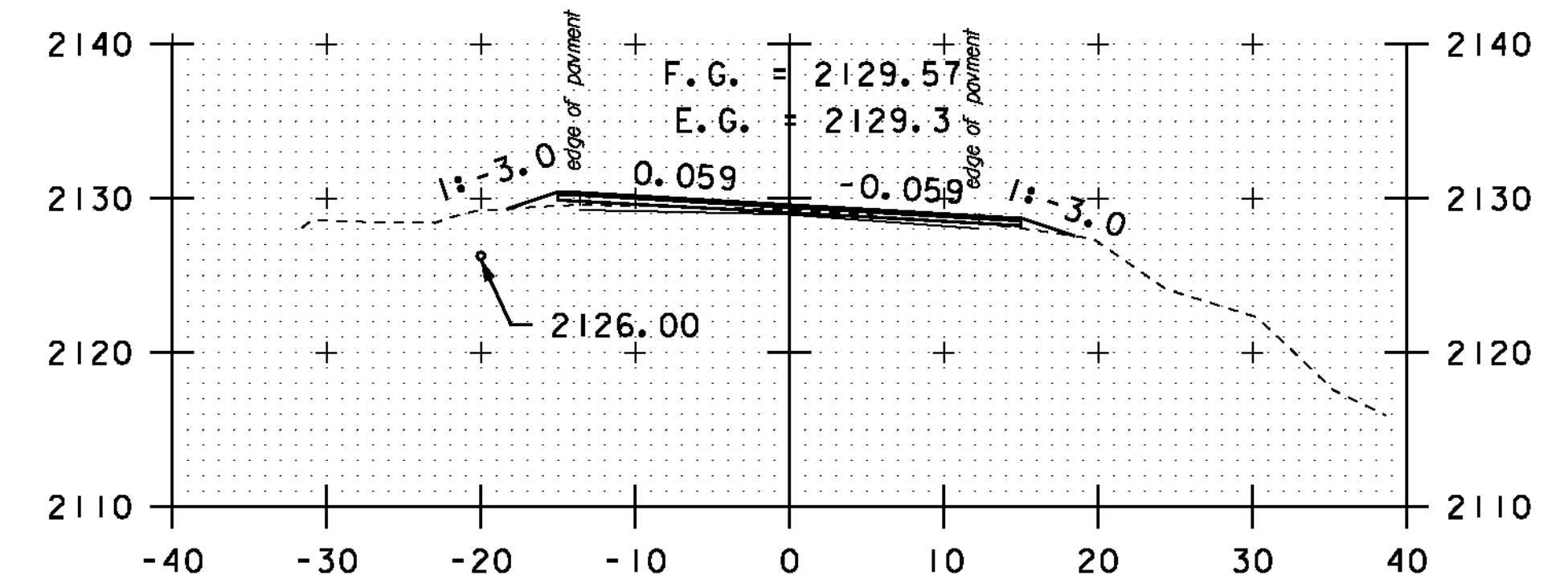
A 129+50



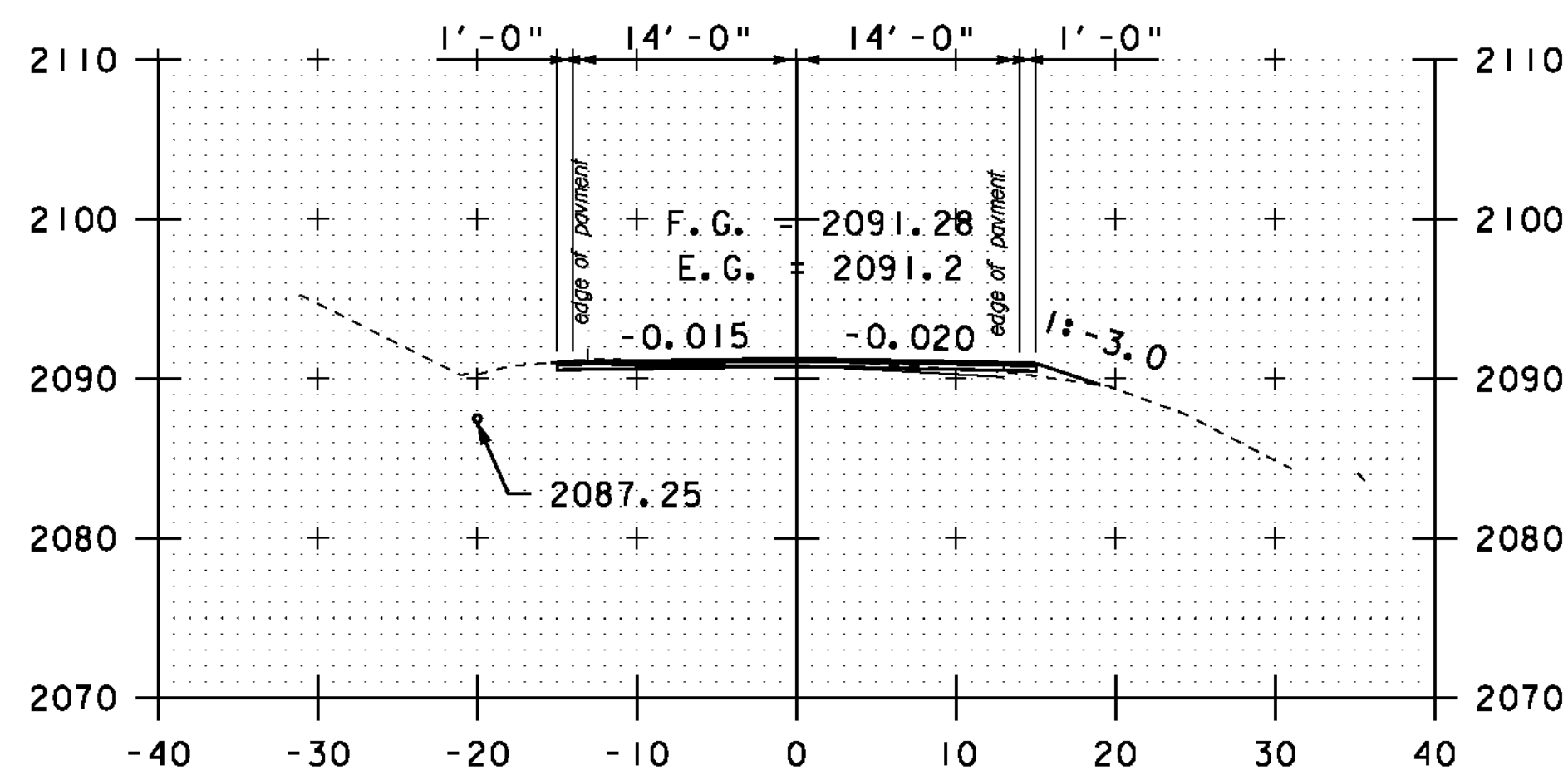
DRIVE LT
A 126+00



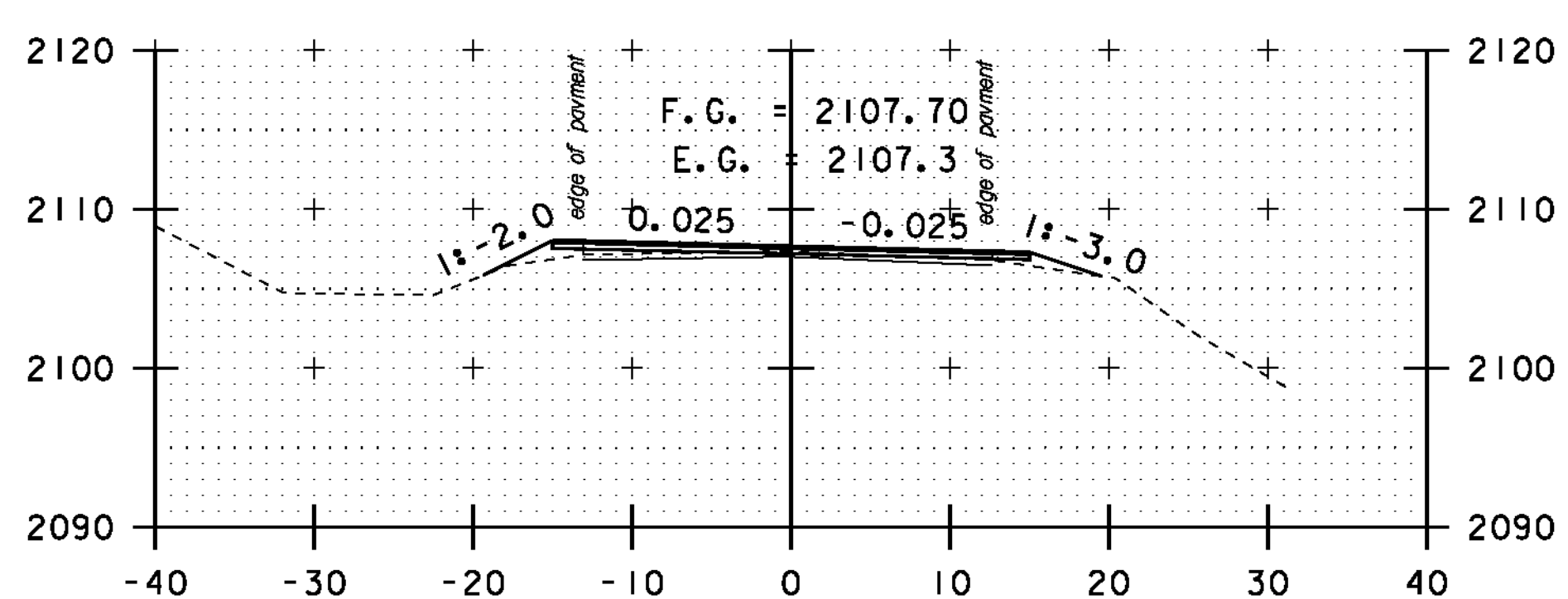
A 127+50



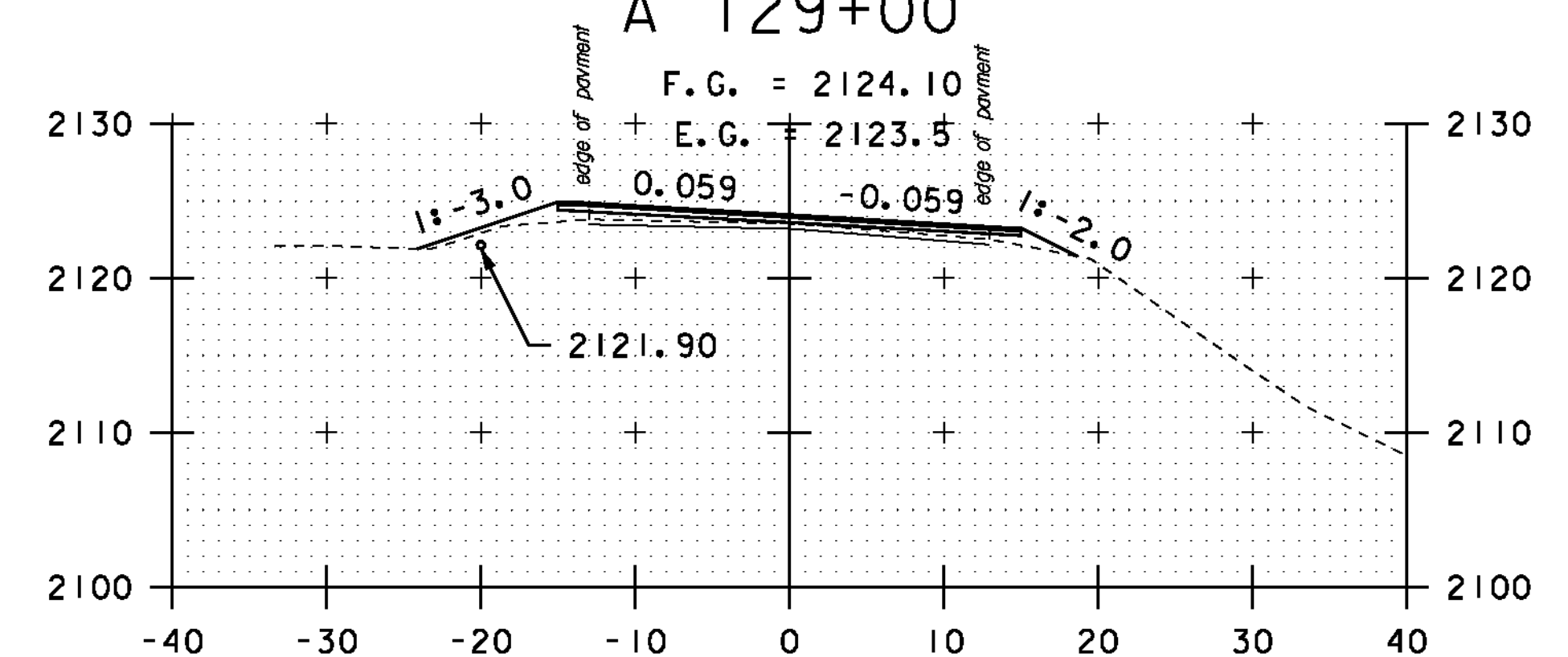
A 129+00



A 125+50



A 127+00



A 128+50

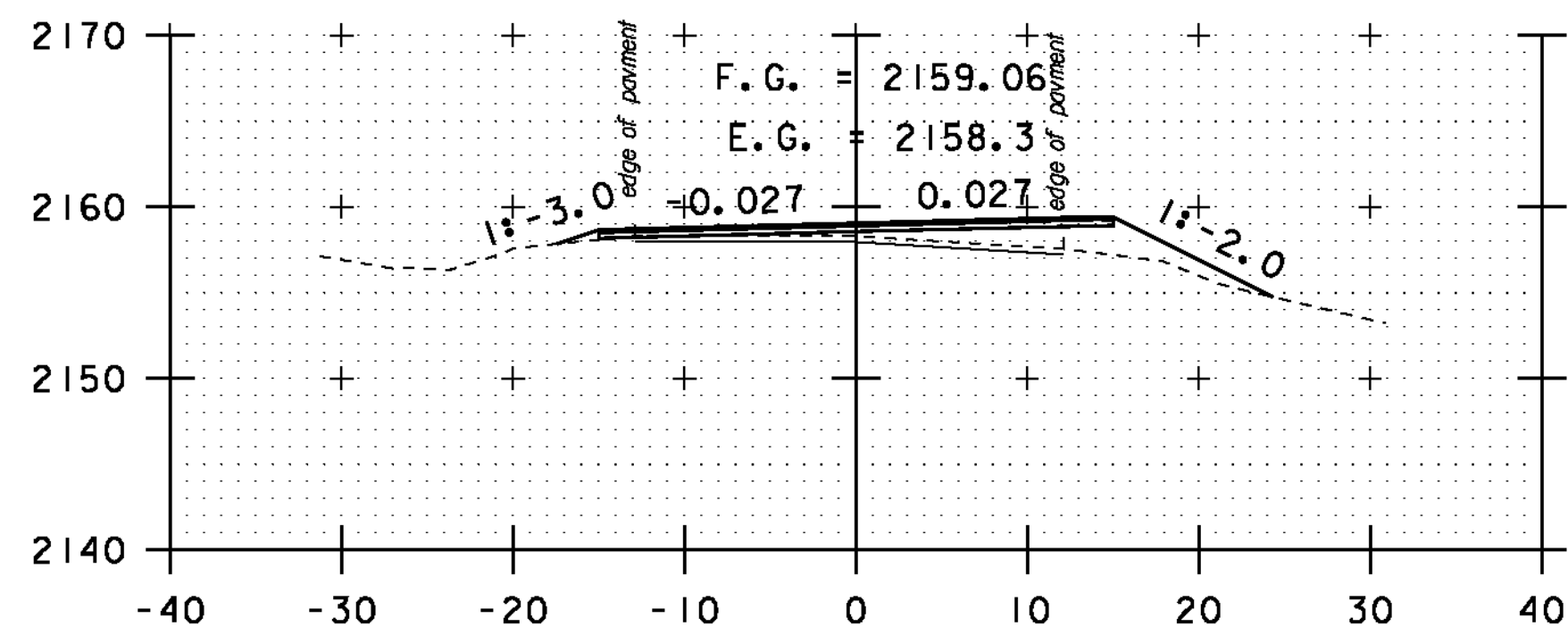
STA. A 125+50 TO STA. A 129+50

SCALE 1" = 10'-0"

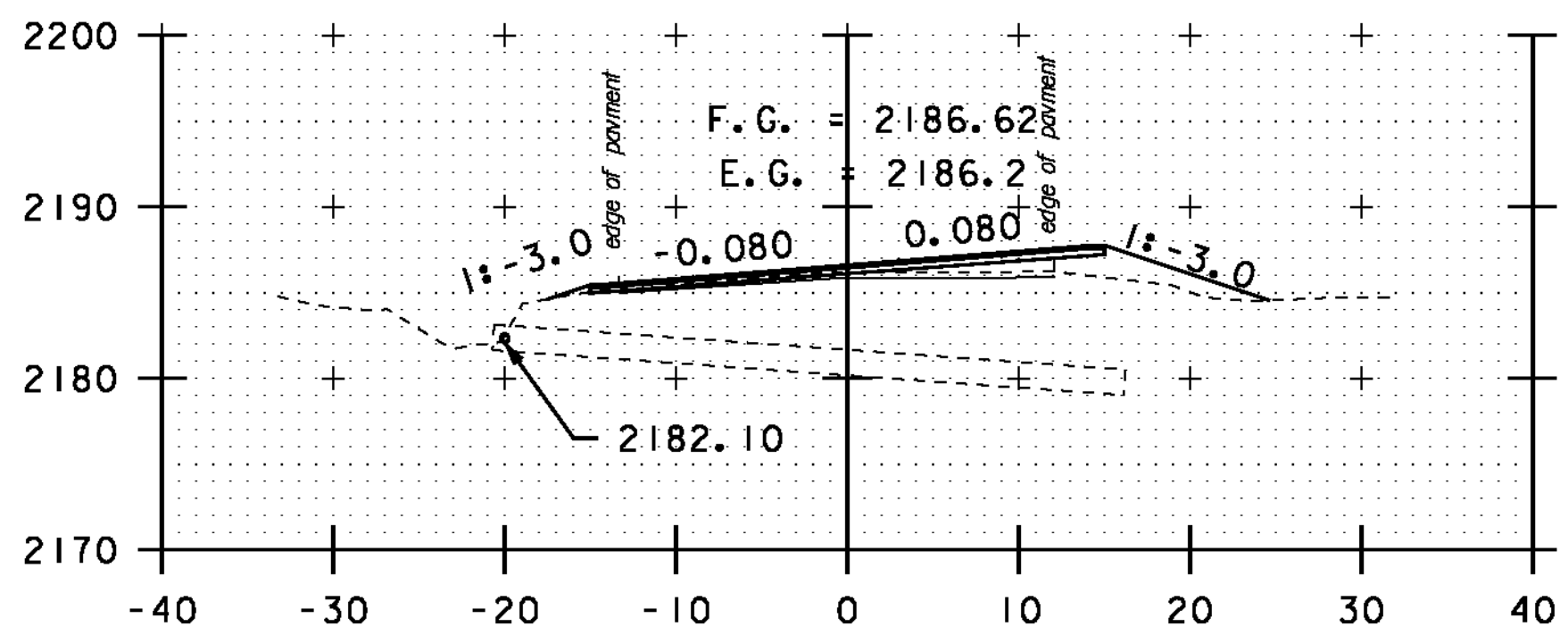
**CROSS
SECTION
SHEET 61**

PROJECT NAME: MONTGOMERY-WESTFIELD
 PROJECT NUMBER: STP 2906(1)
 FILE NAME: p10C190.dgn
 PROJECT LEADER: CDL
 DESIGNED BY: SJL
 PLOT FILE: p10C190_175.1

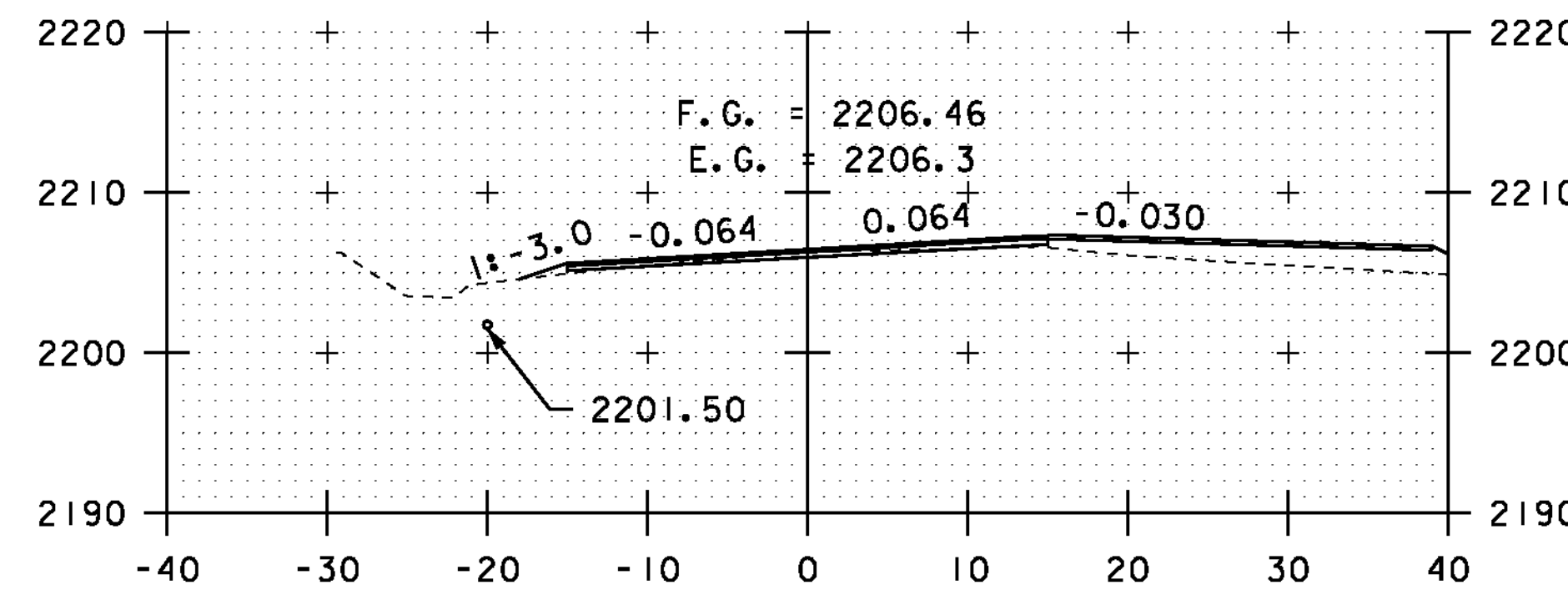
PLOT DATE: 9/5/12
 DRAWN BY: SJL
 CHECKED BY: CDL
 SHEET 175 OF 178



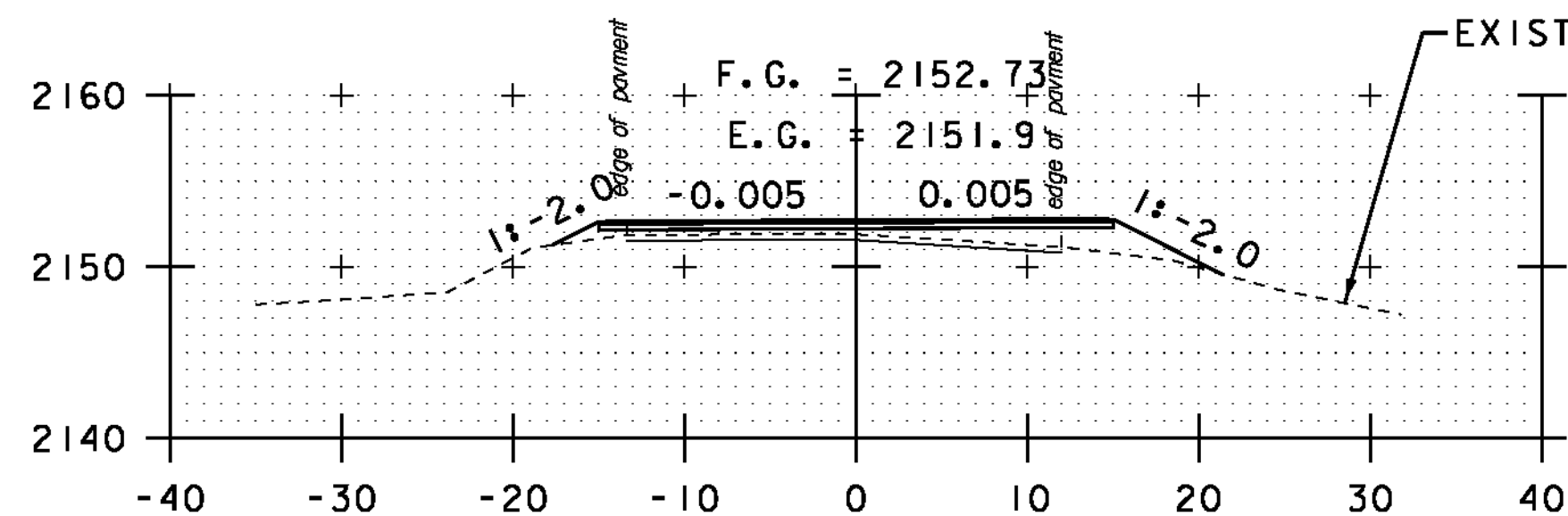
A 131+50



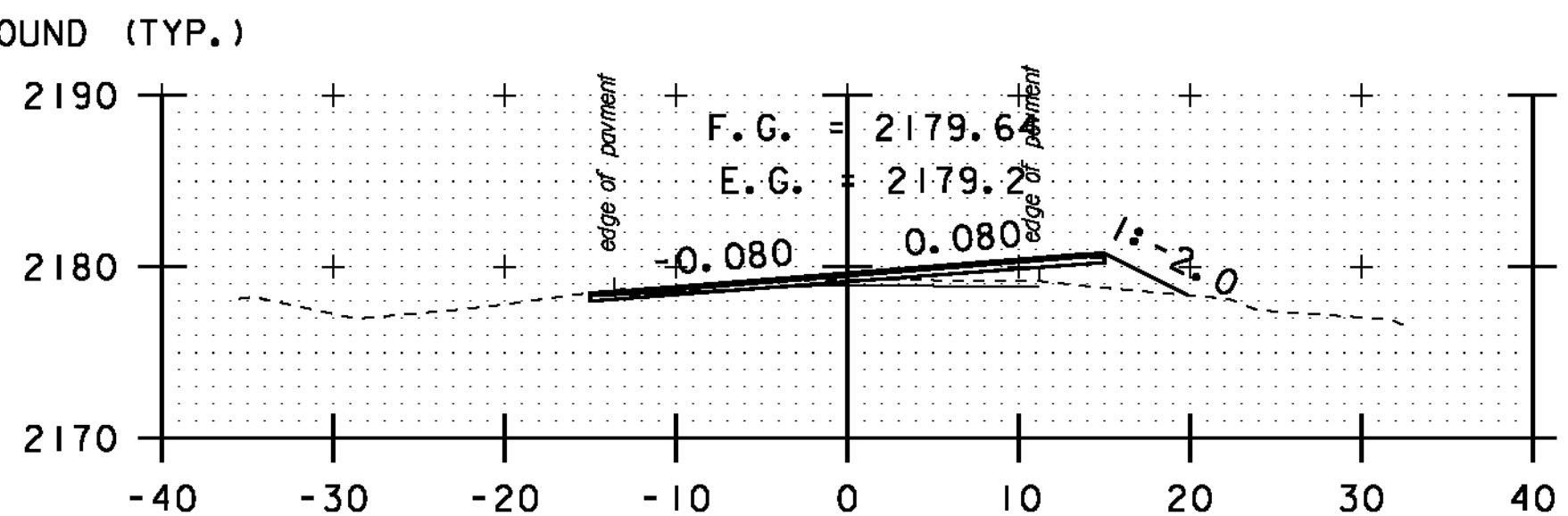
A 133+50



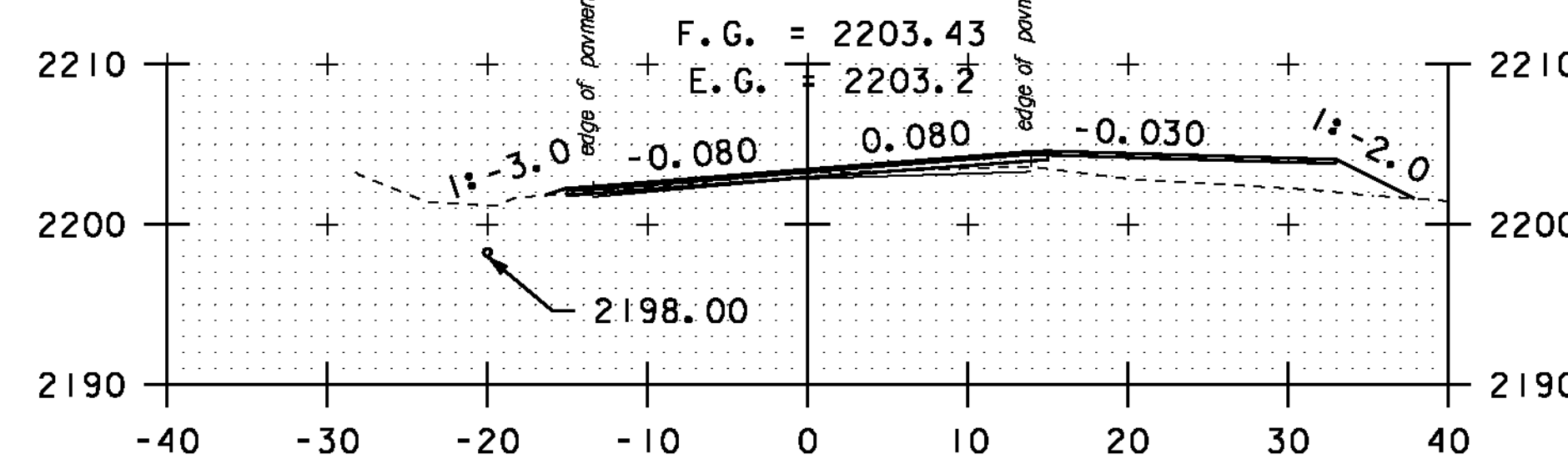
PULL OFF RT
A 135+50



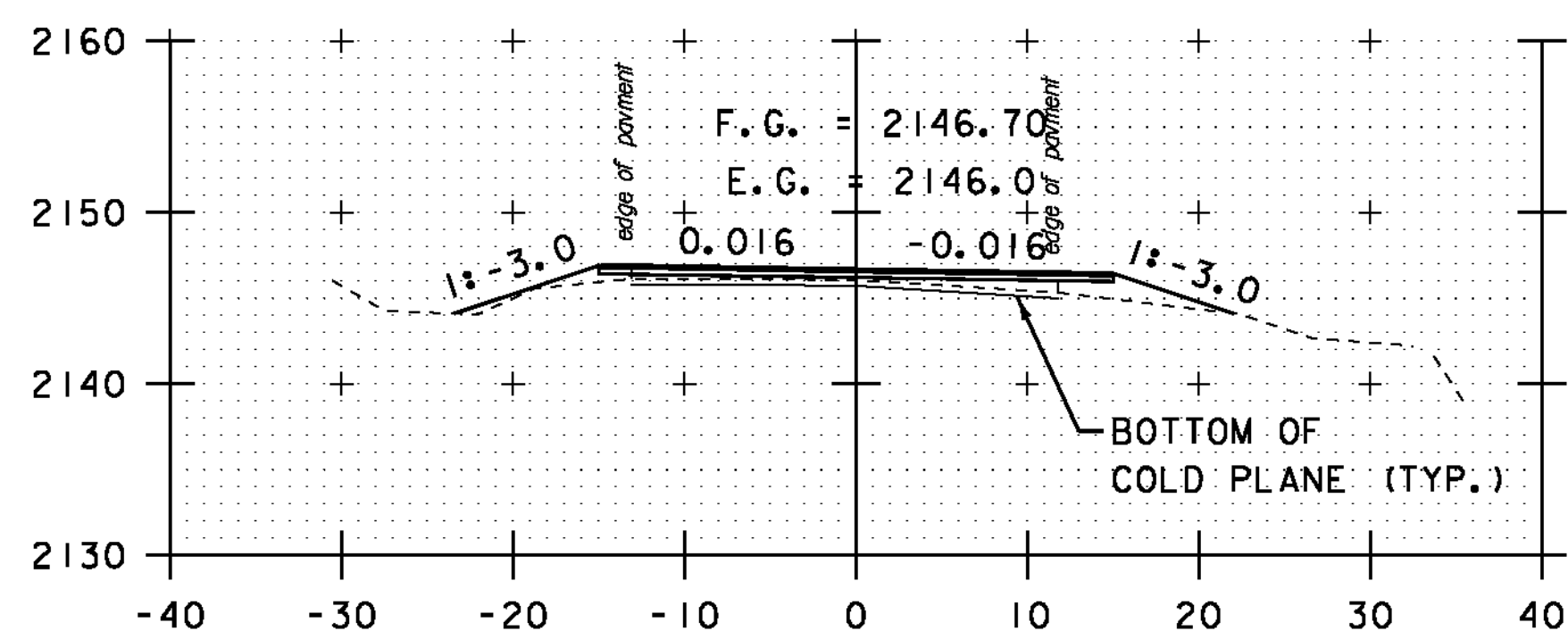
A 131+00



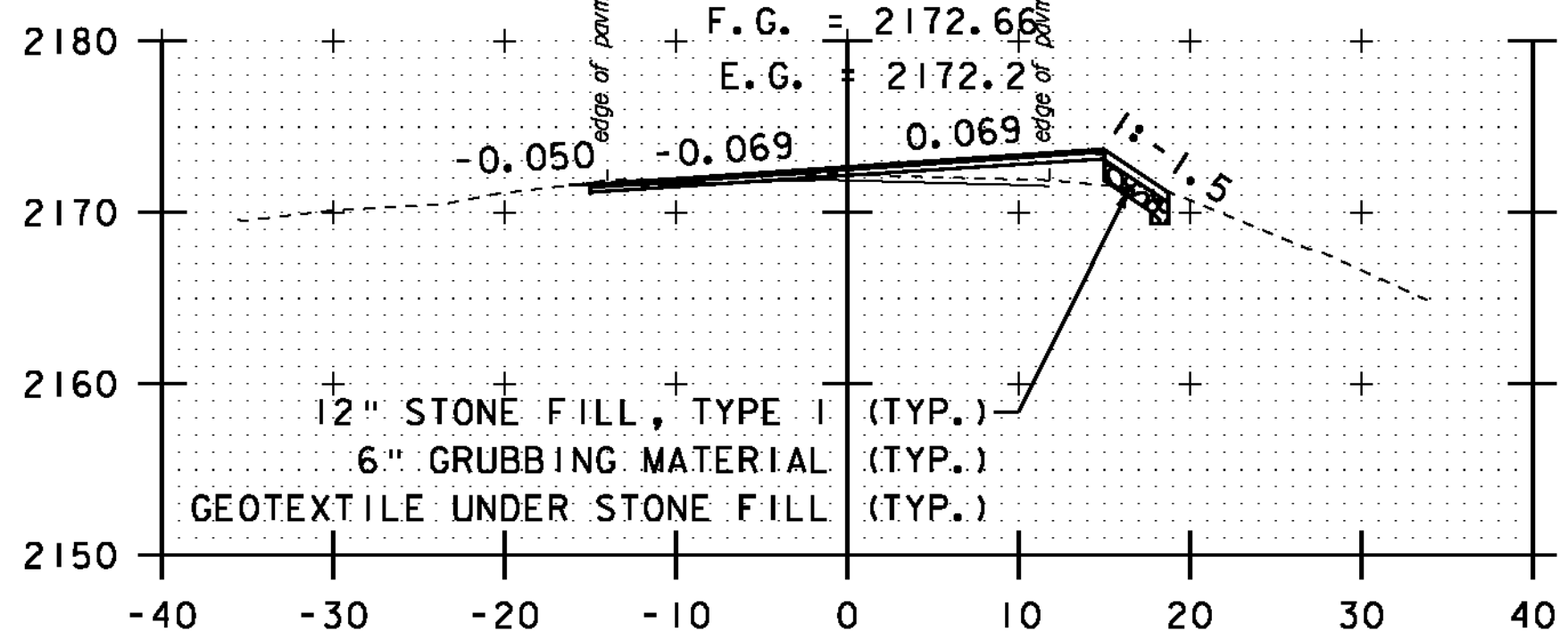
A 133+00



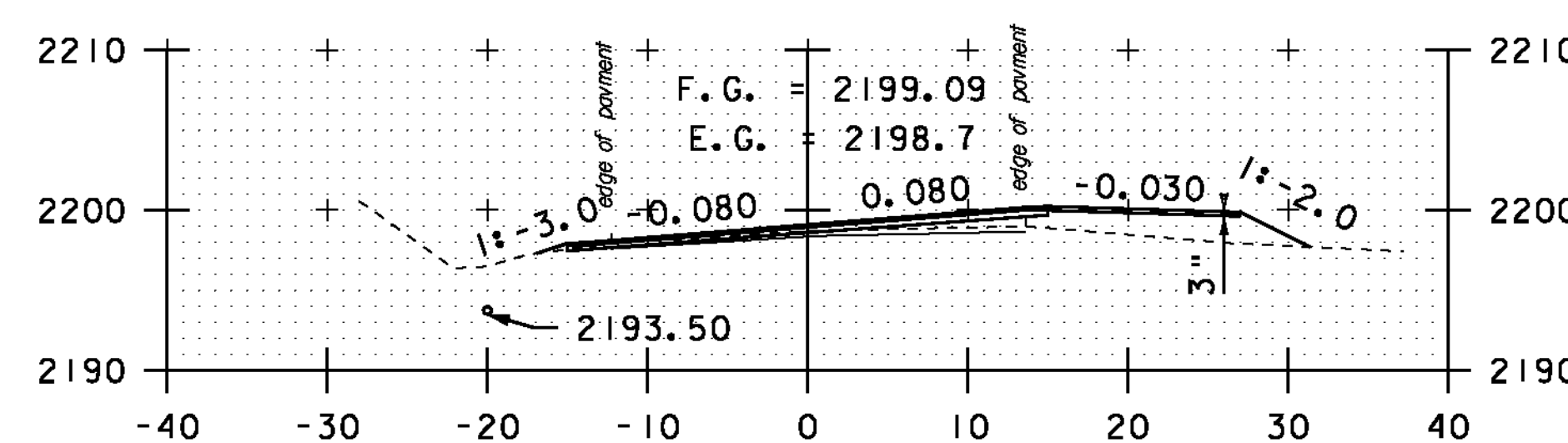
PULL OFF RT
A 135+00



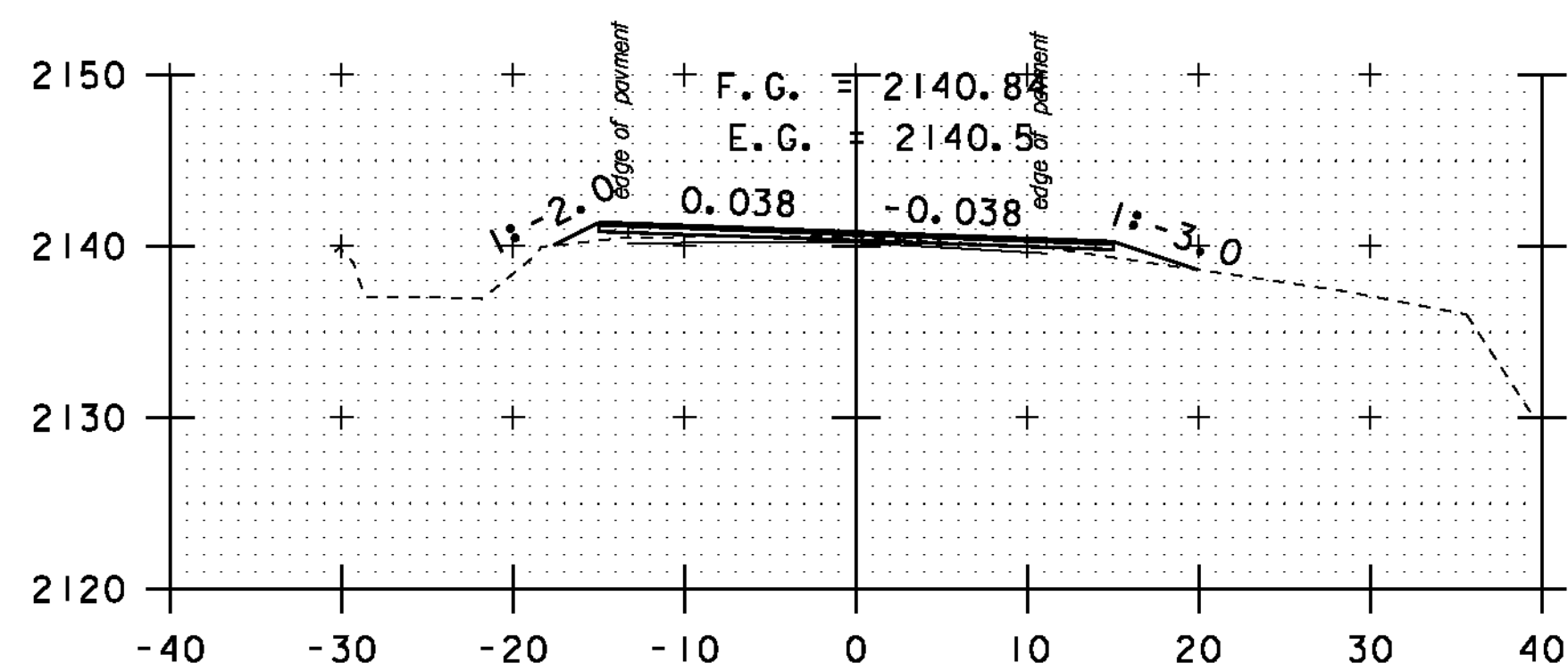
A 130+50



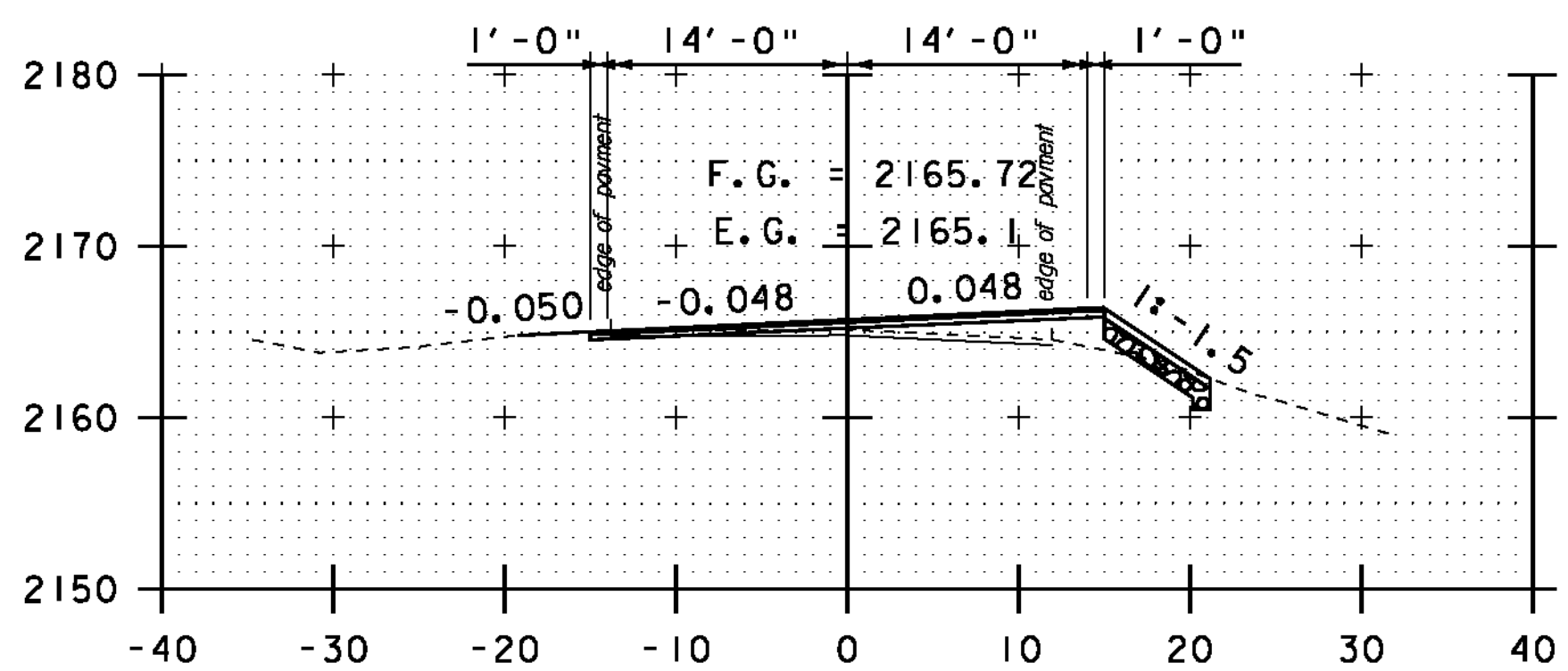
A 132+50



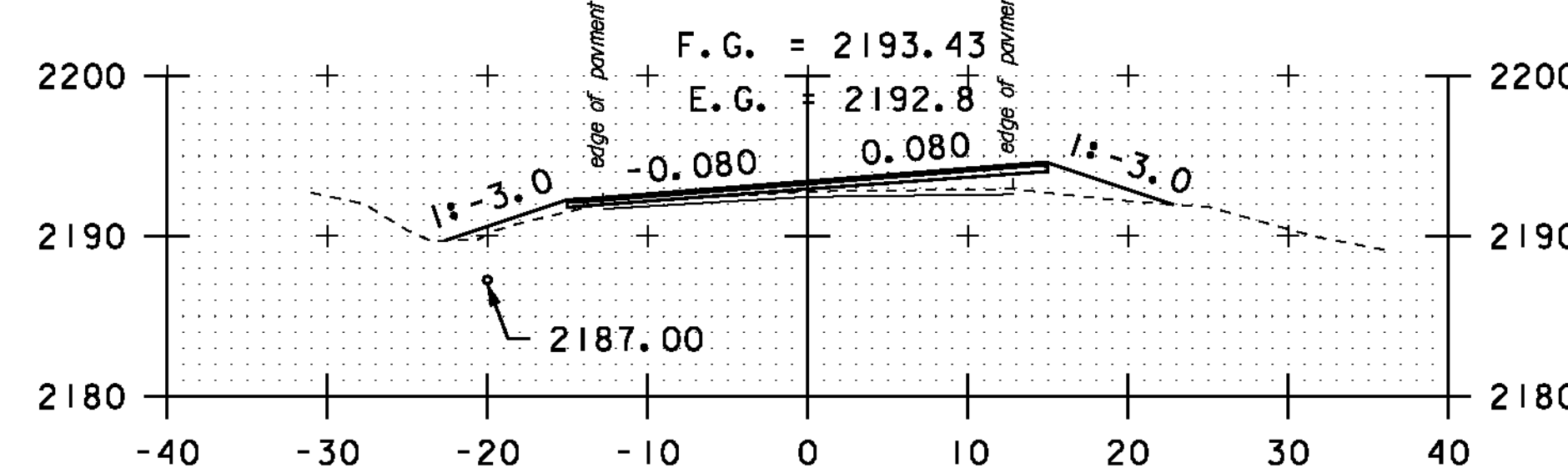
PULL OFF RT
A 134+50



A 130+00



A 132+00



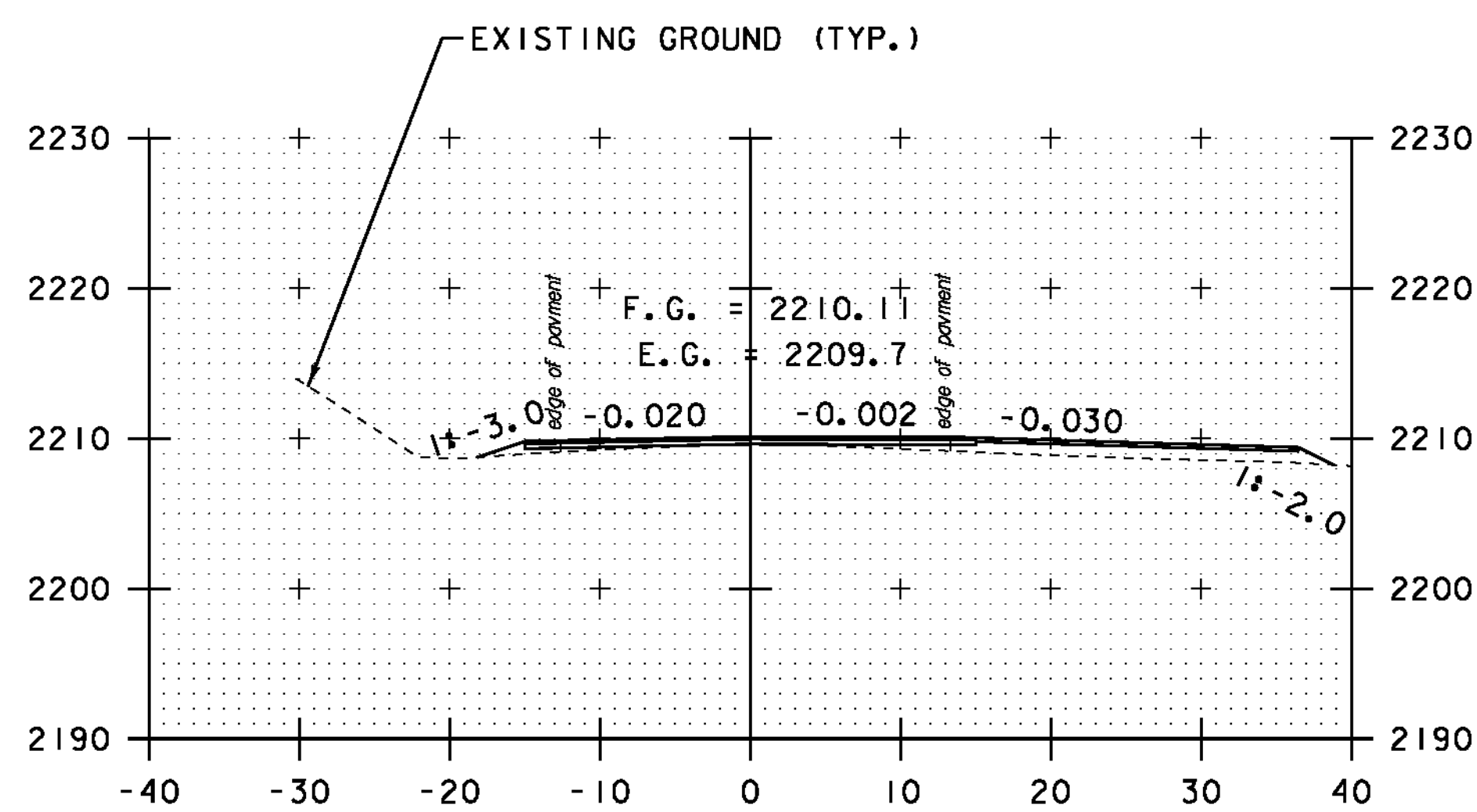
A 134+00

STA. A 130+00 TO STA. A 135+50

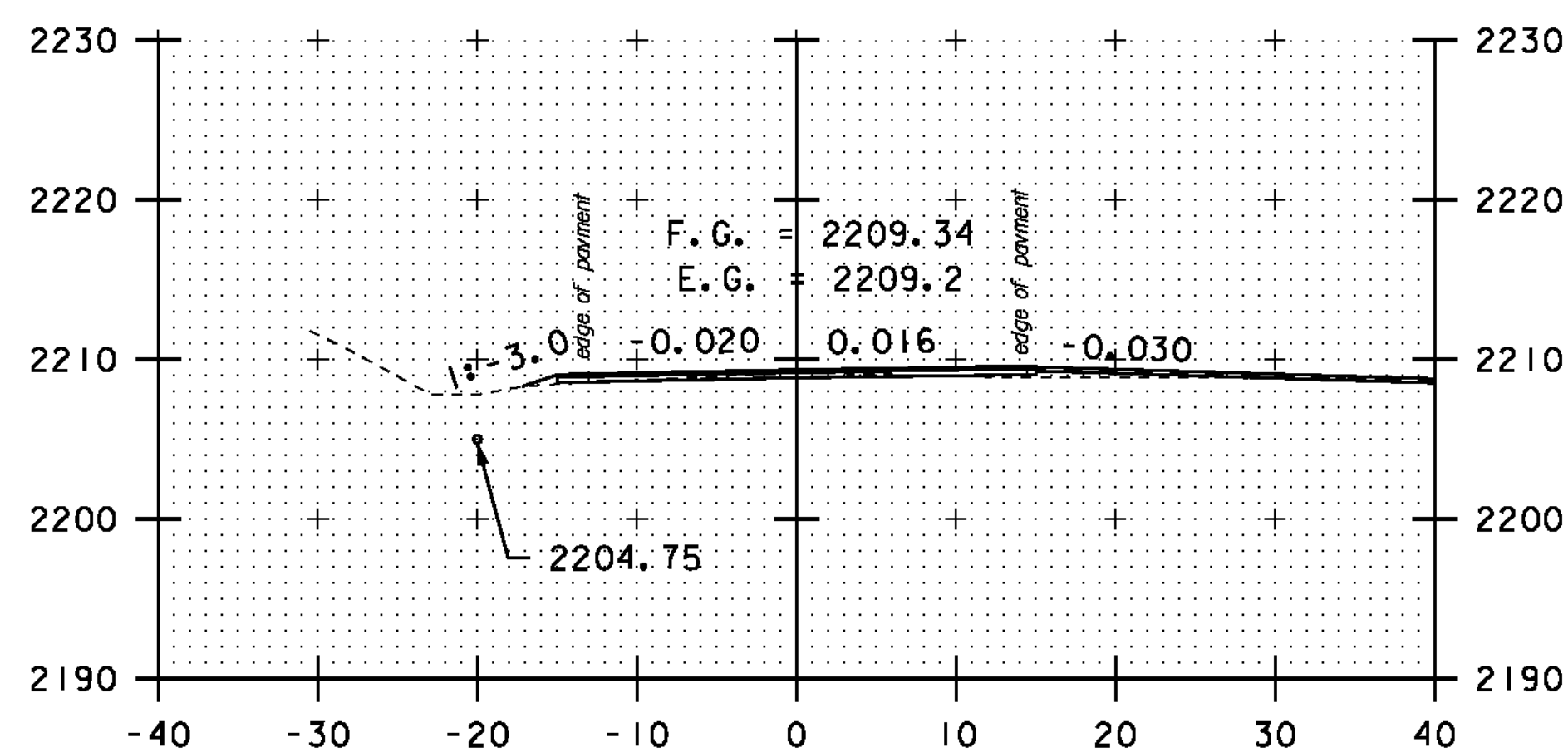
SCALE 1" = 10'-0"

**CROSS
SECTION
SHEET 62**

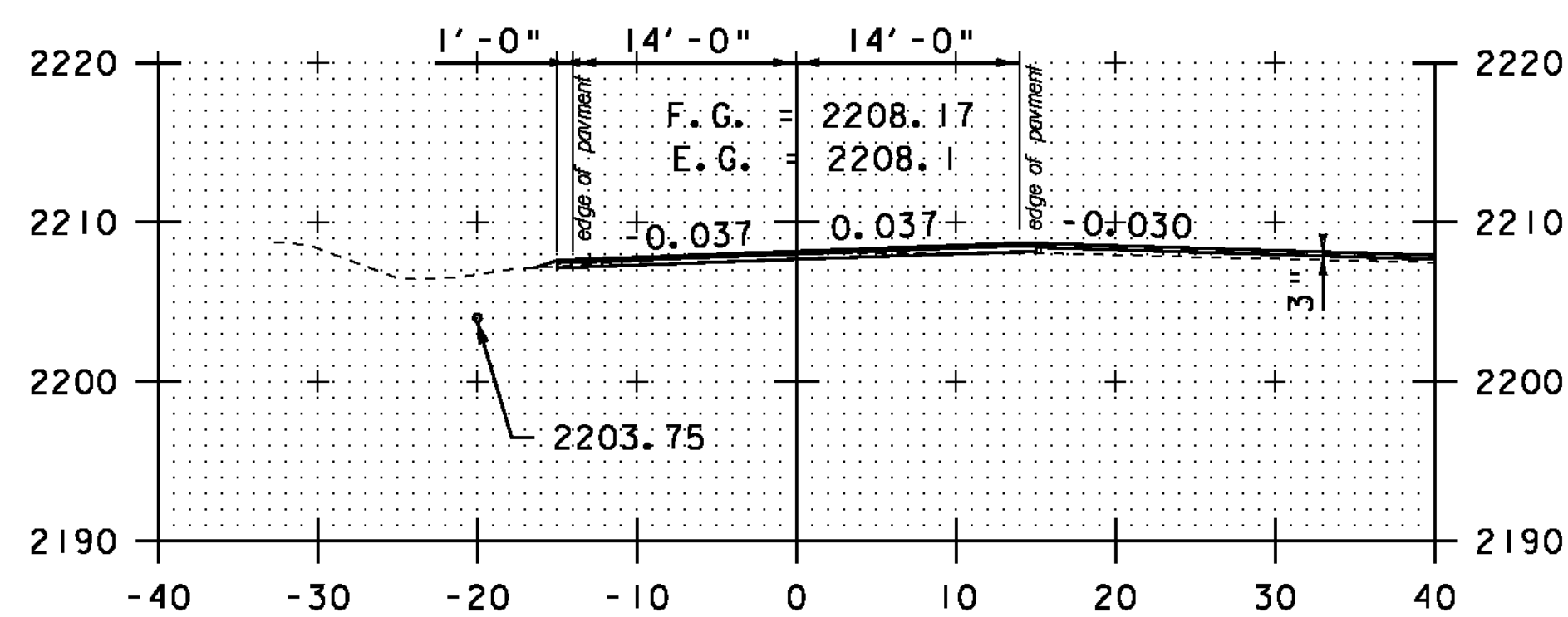
PROJECT NAME: MONTGOMERY-WESTFIELD
 PROJECT NUMBER: STP 2906(I)
 FILE NAME: p10C190.dgn
 PROJECT LEADER: CDL
 DESIGNED BY: SJL
 PLOT FILE: p10C190_176.1
 PLOT DATE: 9/5/12
 DRAWN BY: SJL
 CHECKED BY: CDL
 SHEET 176 OF 178



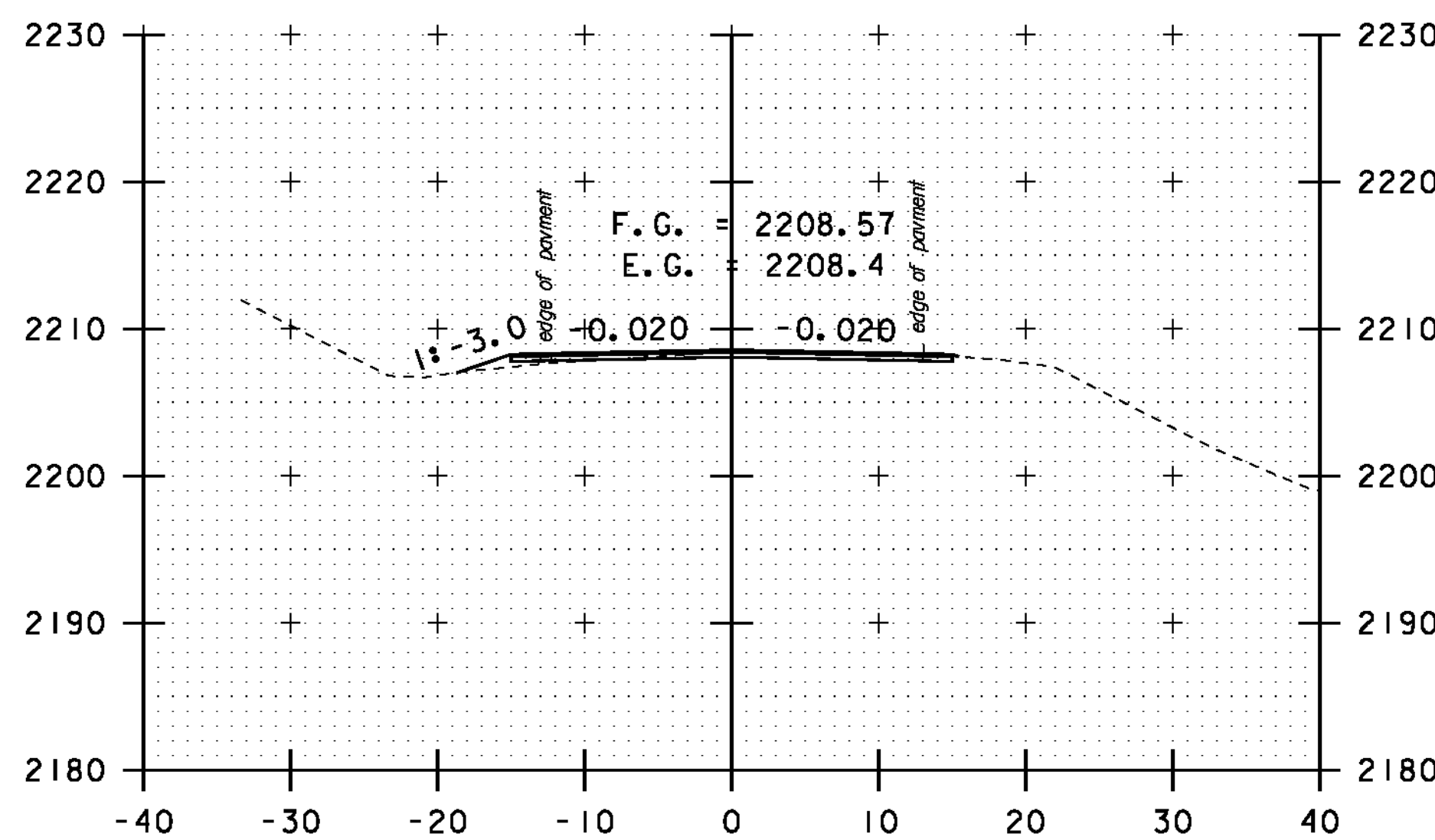
PULL OFF RT
A 137+00



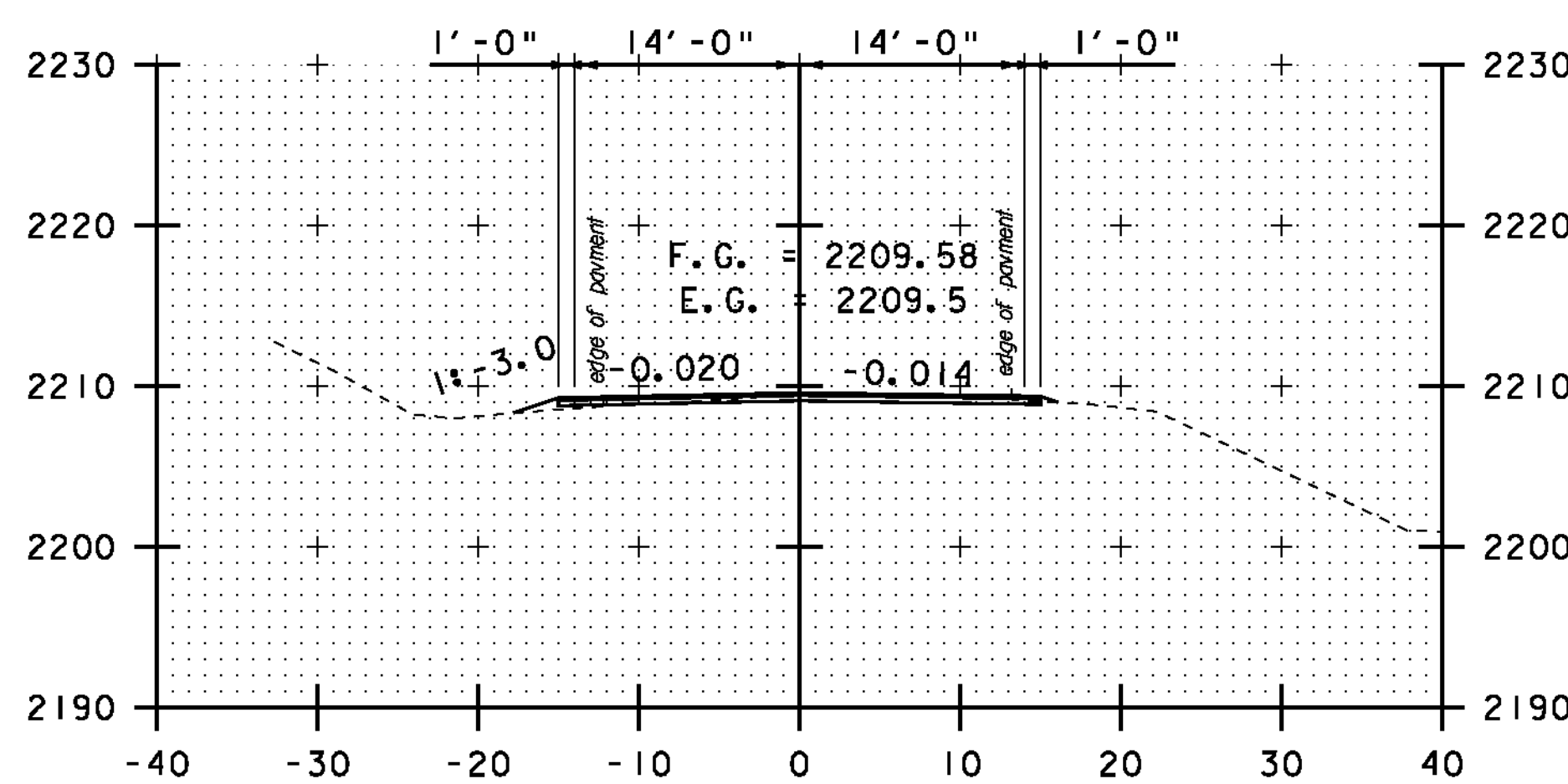
PULL OFF RT
A 136+50



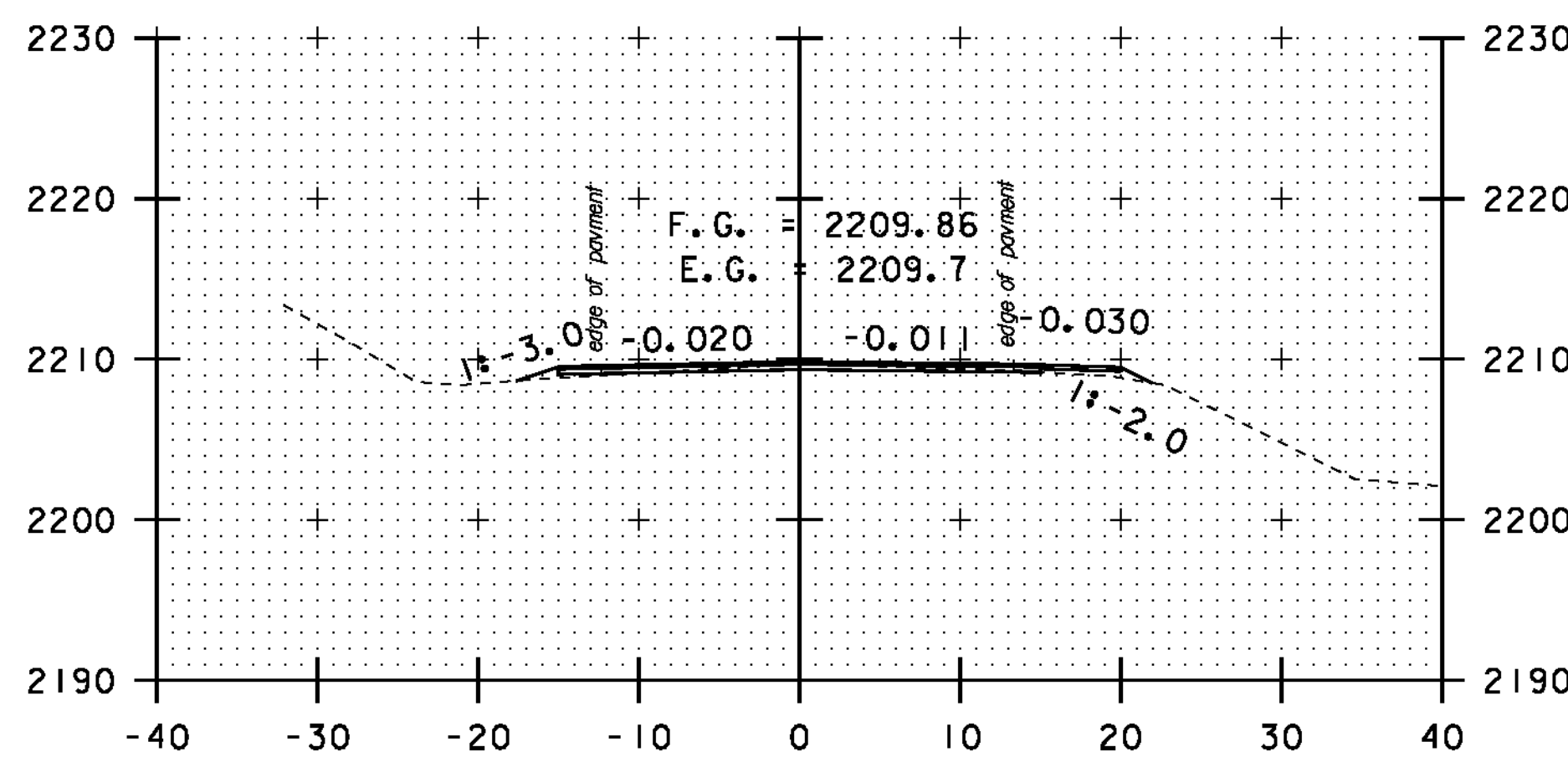
PULL OFF RT
A 136+00



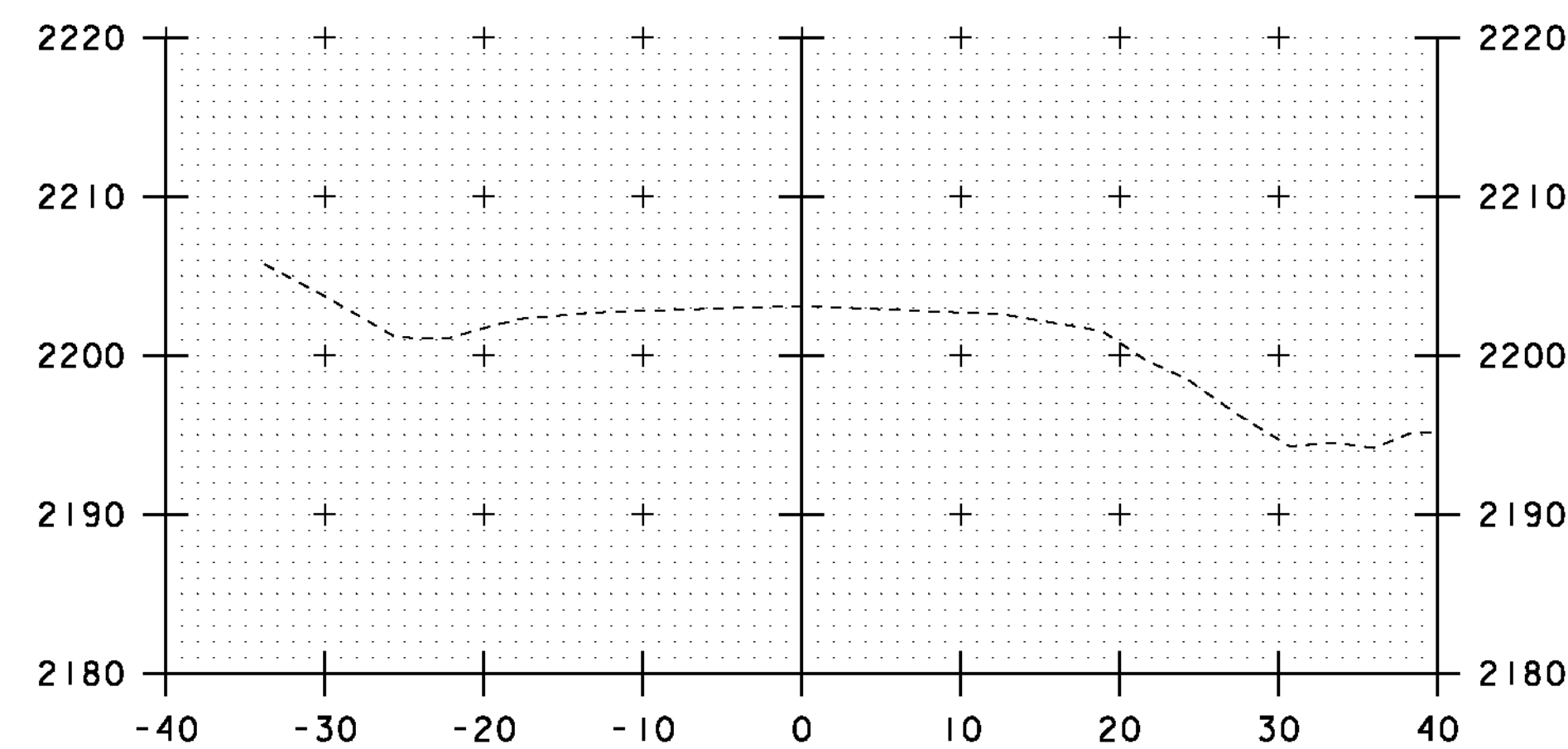
A 138+00



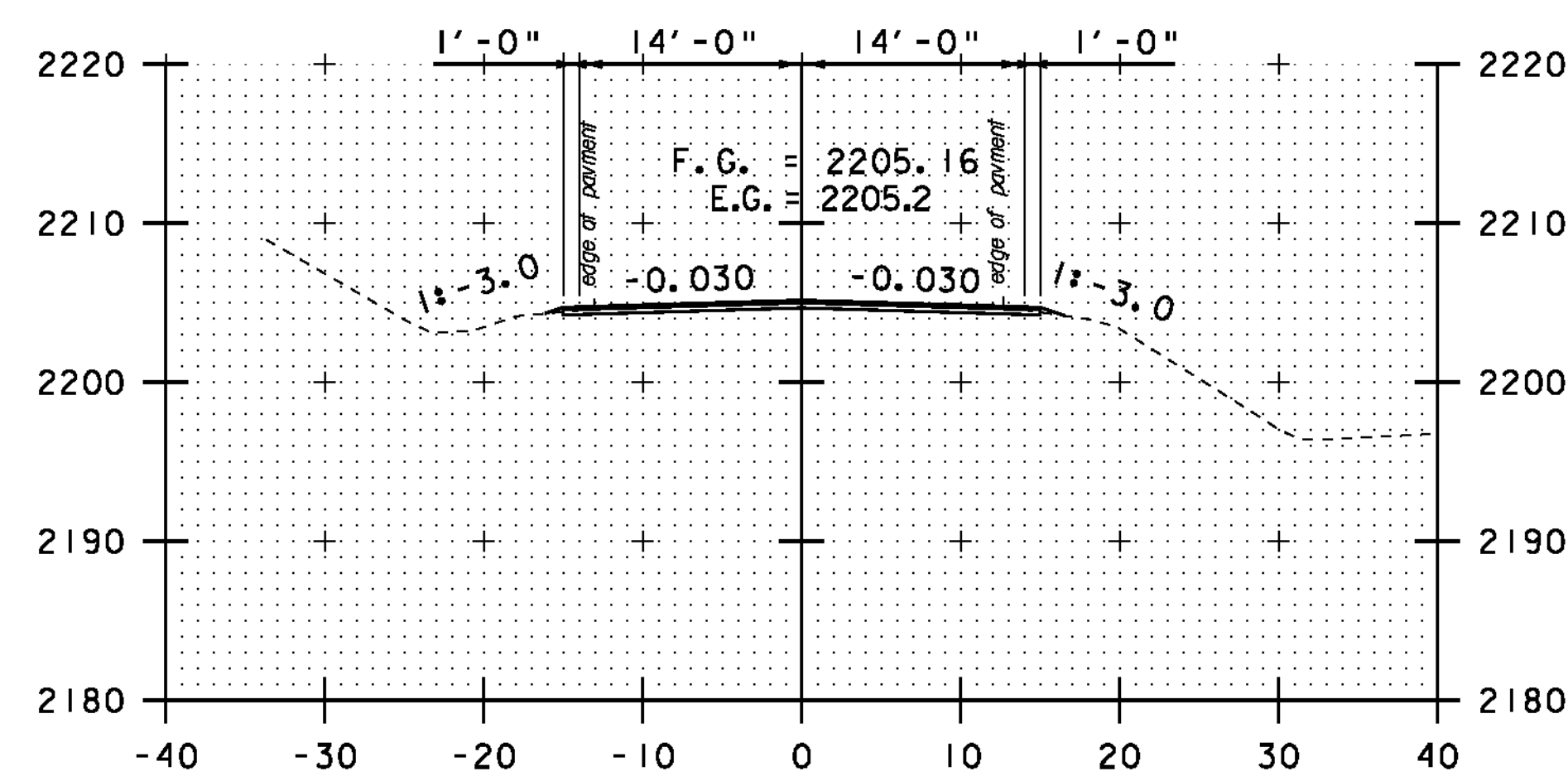
END RECLAIM
A 137+65



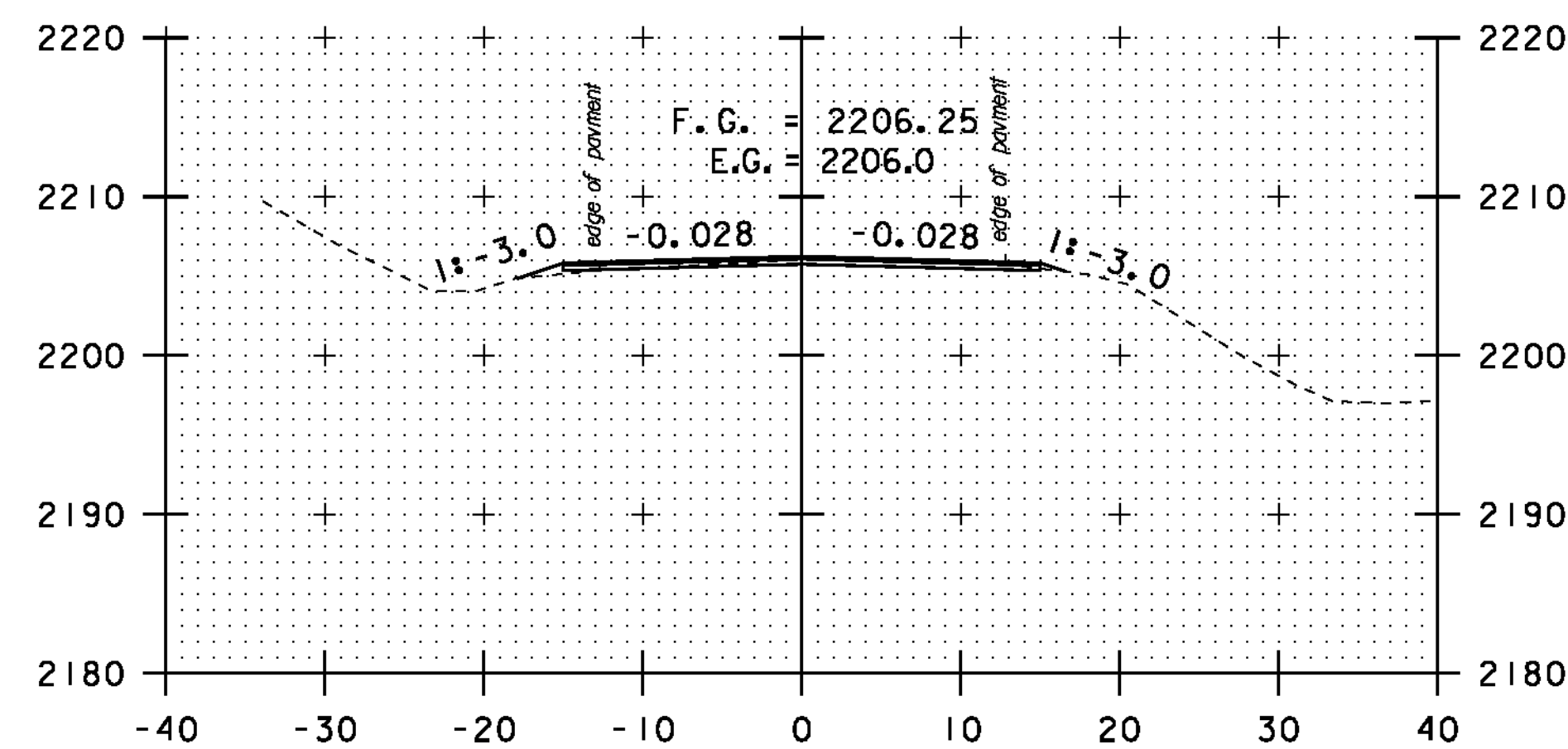
PULL OFF RT
A 137+50



A 139+00



END PROJECT
A 138+65



A 138+50

STA. A 136+00 TO STA. A 139+00

SCALE 1" = 10'-0"

**CROSS
SECTION
SHEET 63**

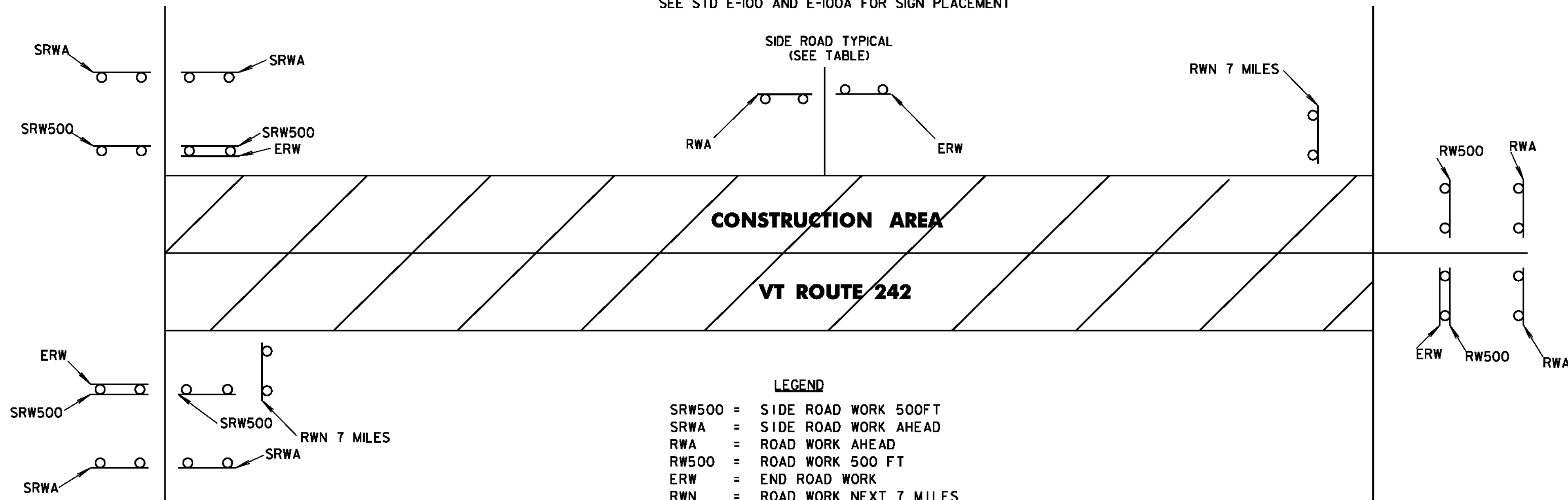
PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(1)
FILE NAME: p10C190.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C190_177.1
PLOT DATE: 9/5/12
DRAWN BY: SJL
CHECKED BY: CDL
SHEET 177 OF 178

VT ROUTE 118

CONSTRUCTION APPROACH SIGNING

NOT TO SCALE

SEE STD E-100 AND E-100A FOR SIGN PLACEMENT



	ROAD WORK AHEAD	END ROAD WORK	ROAD WORK 500 FT	SIDE ROAD WORK AHEAD	SIDE ROAD WORK 500 FT	ROAD WORK NEXT 7 MILES
MONTGOMERY						
BEGIN PROJECT (VT 118)		2		4	4	1
HART RD	1	1				
PURRIER FARM RD	1	1				
SHELDON FARM RD	1	1				
LUTZ RD	1	1				
KUNERT RD	1	1				
COTE RD	1	1				
MUNN RD	1	1				
HANNAH CLARK BROOK RD	1	1				
TH #19	1	1				
END PROJECT	2	1	2			1
TOTALS	11	12	2	4	4	2

TRAFFIC CONTROL NOTES

1. THE CONTRACTOR SHALL PROVIDE ACCESS THROUGH THE WORK ZONE FOR EMERGENCY VEHICLES AT ALL TIMES.
2. A MINIMUM LANE WIDTH OF 10 FT. SHALL BE MAINTAINED.
3. WHEN COLD PLANED BITUMINOUS PAVEMENT IS OPEN TO TRAFFIC, A "MOTORCYCLES USE CAUTION" SIGN, AS PER VAOT STANDARD E-102A, SHALL BE PROVIDED.
4. THE CONTRACTOR SHALL LEAVE NO LONGITUDINAL DROP-OFFS DURING THE OVERNIGHT HOURS. THEREFORE, THE FULL ROADWAY WIDTH SHOULD BE COLD PLANED OR PAVED DURING THE DAILY WORK PERIOD. WHEN NECESSARY, DROP-OFF PROTECTION IN THESE AREAS SHALL CONFORM TO VAOT STANDARD E-108A.
5. MAINTAIN ACCESS TO ALL PROPERTIES AT ALL TIMES FOR EMERGENCY VEHICLES. MAINTAIN ACCESS TO ALL COMMERCIAL AND MUNICIPAL PROPERTIES DURING BUSINESS HOURS. ACCESS TO RESIDENTIAL PROPERTIES MAY BE RESTRICTED FOR A SHORT DURATION (A FEW HOURS). THIS WORK WILL BE COORDINATED WITH THE OWNER. COORDINATE MAJOR WORK ON COMMERCIAL OR MUNICIPAL ACCESSSES WITH THE OWNER AT LEAST ONE WEEK PRIOR TO STARTING THE WORK. ALL ACCESSSES SHALL ALSO BE KEPT FREE OF WORK AND TRAFFIC CONTROLLED BY UNIFORMED TRAFFIC OFFICERS OR FLAGGERS AS REQUIRED BY THE ENGINEER.
6. TRAFFIC SHALL NOT BE CHANGED FROM ONE TRAFFIC PATTERN TO THE NEXT TRAFFIC PATTERN UNTIL ALL TEMPORARY MARKINGS, SIGNING AND SIGNAL WORK ARE COMPLETED. ANY CONFLICTING MARKINGS SHALL BE REMOVED.
7. ALL PERMANENT SIGNS WHICH CONFLICT WITH TEMPORARY TRAFFIC CONTROL MUST BE COMPLETELY COVERED.
8. ALL REASONABLE EFFORTS SHALL BE MADE TO ACCOMMODATE PEDESTRIAN TRAVEL AT ALL TIMES. THIS CAN INCLUDE, BUT IS NOT LIMITED TO A DEDICATED PEDESTRIAN ESCORT, SIGNAGE AND CONED OFF WALKING AREAS WITHIN CLOSED LANES. FLAGGERS SHALL NOT BE USED AS PEDESTRIAN ESCORTS. WHEN EXISTING PEDESTRIAN FACILITIES ARE DISRUPTED, CLOSED, OR RELOCATED IN A TEMPORARY TRAFFIC CONTROL ZONE, THE TEMPORARY FACILITIES SHALL BE DETECTABLE AND SHALL INCLUDE ACCESSIBILITY FEATURES CONSISTENT WITH THE FEATURES PRESENT IN THE EXISTING PEDESTRIAN FACILITY. PAYMENT WILL BE INCLUDED IN THE UNIT PRICE FOR ITEM 64100 TRAFFIC CONTROL.
9. PLEASE NOTE THAT THE UTO (UNIFORMED TRAFFIC OFFICER), UNDER AUTHORITY GRANTED BY LAW (TITLE 23 VSA) MAY DIRECT AND CONTROL TRAFFIC. SUITABLE EXAMPLES IN WORK MIGHT INCLUDE THE DIRECTION AND CONTROLS OF TRAFFIC AT INTERSECTIONS WHERE SIGNALS ARE NOT FUNCTIONING OR ARE MALFUNCTIONING. IN THESE CASES, THE PRESENCE OF THE BLUE LIGHT MAY NOT BE SUITABLE OR NECESSARY. THE WEARING OF DEPARTMENTALLY REQUIRED AND APPROVED REFLECTIVE GARMENTS IS REQUIRED.

NOTES:

1. THE CONTRACTOR SHALL SUBMIT A SITE SPECIFIC TRAFFIC CONTROL PLAN TO THE RESIDENT ENGINEER FOR APPROVAL PRIOR TO THE START OF CONSTRUCTION. THE COST OF PREPARING THIS PLAN (AND MAKING CHANGES IF NECESSARY) SHALL NOT BE PAID SEPARATELY BUT SHALL BE PAID AS PART OF ITEM 641.0, "TRAFFIC CONTROL". THE TRAFFIC CONTROL PLAN SHALL BE IN COMPLIANCE WITH VAOT STANDARDS AND 2009 MUTCD. WHERE CONFLICTS EXIST, THE 2009 MUTCD SHALL GOVERN.
2. THE CONTRACTOR SHALL INCLUDE A CONSTRUCTION SIGN APPROACH PACKAGE FOR EXPECTED LANE CLOSURES AND WORK ZONE SPEED REDUCTIONS IN COMPLIANCE WITH THE TRAFFIC CONTROL NOTES AND PART 6 OF THE 2009 MUTCD. PAYMENT FOR PROVIDING THIS PACKAGE SHALL BE PAID AS PART OF ITEM 641.0, "TRAFFIC CONTROL".
3. THE BID PRICE FOR "TRAFFIC CONTROL", ITEM 641.0, SHALL INCLUDE ALL OF THE FOLLOWING, AS NEEDED: APPROACH AND ON-PROJECT CONSTRUCTION SIGNING, PORTABLE ARROW BOARDS, BARRIERS, BARRELS, CONES, BARRICADES, TEMPORARY REGULATORY AND WARNING SIGNS, AND POSTS AS DETAILED IN VAOT STANDARDS. ALL ADJUSTING, RELOCATING, AND REMOVING OF THESE DEVICES AS DIRECTED BY THE RESIDENT ENGINEER SHALL ALSO BE INCLUDED. THE FOLLOWING ITEMS WILL BE PAID FOR SEPARATELY:

646.602, 646.612, 646.682, 646.692 - TEMPORARY PAVEMENT MARKINGS
630.10 UNIFORMED TRAFFIC OFFICER, 630.15 - FLAGGERS
4. THE MUTCD 2009 AND ITS LATEST REVISIONS SHALL BE THE STANDARD FOR ALL TRAFFIC CONTROL DEVICES. EXISTING SIGNS, SIGNALS AND MARKINGS SHALL BE VALID UNTIL SUCH TIME AS THEY ARE REPLACED OR RECONSTRUCTED. WHEN NEW TRAFFIC CONTROL DEVICES ARE ERECTED OR PLACED OR EXISTING TRAFFIC CONTROL DEVICES ARE REPLACED OR REPAIRED THE EQUIPMENT, DESIGN, METHOD OF INSTALLATION, PLACEMENT OR REPAIR SHALL CONFORM WITH SUCH STANDARDS.
5. CONES SHALL BE USED TO CLEARLY DEFINE THE TRAVEL SPACE AND PROVIDE SEPARATION FROM THE WORK SPACE ALONG ITS ENTIRE LENGTH.
6. AS THE PAVING OPERATION MOVES, THE FLAGGER SIGNS SHALL BE MOVED ACCORDINGLY. AT NO TIME SHOULD THE FLAGGER SYMBOL SIGN BE MORE THAN 1000 FT FROM THE FLAGGER STATION. FLAGGER SIGNS SHALL BE COVERED OR TURNED AWAY IF FLAGGING OPERATIONS CEASE FOR MORE THAN 15 MINUTES.
7. NO CONSTRUCTION SIGNS SHALL BE INSTALLED AS TO INTERFERE OR OBSTRUCT THE VIEW OF EXISTING TRAFFIC CONTROL DEVICES, STOPPING SIGHT DISTANCE, AND CORNER SIGHT DISTANCE FROM DRIVES AND TOWN HIGHWAYS.

8. ALL PERMANENT SIGNS THAT CONFLICT WITH TEMPORARY TRAFFIC CONTROL SHALL BE COMPLETELY COVERED, THE PAYMENT FOR WHICH SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 641.0 TRAFFIC CONTROL.
9. CONSTRUCTION SIGNS SHALL BE IN NEW OR LIKE NEW CONDITION PER VAOT STANDARDS.
10. DIAMOND SHAPED SIGNS SHALL BE 4 FEET BY 4 FEET WITH BLACK TEXT AND BORDER ON A RETROREFLECTIVE FLUORESCENT ORANGE BACKGROUND.
11. CONSTRUCTION ZONE SIGNS SHALL BE INSTALLED AS OUTLINED IN THE SPECIAL PROVISIONS.
12. WHERE TEMPORARY SIGNS ARE PLACED BEHIND GUARDRAIL, THEY SHALL BE ADJUSTED SUCH THAT THE BOTTOM OF THE SIGNS ARE ABOVE THE TOP OF GUARDRAIL.

DETAILS ARE NOT TO SCALE

CONSTRUCTION APPROACH SIGNING SHEET

PROJECT NAME:	MONTGOMERY-WESTFIELD
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PROJECT NUMBER: STP 2906 (I)

FILE NAME: p10CI90.dgn

PROJECT LEADER:

DESIGNED BY: SJL
PLOT FILE: p10C190_178.1

PLOT DATE: 9/5/12

DRAWN BY: SJL

CHECKED BY: CDL

SHEET 178 OF 178