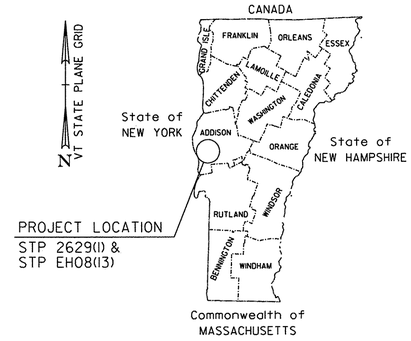
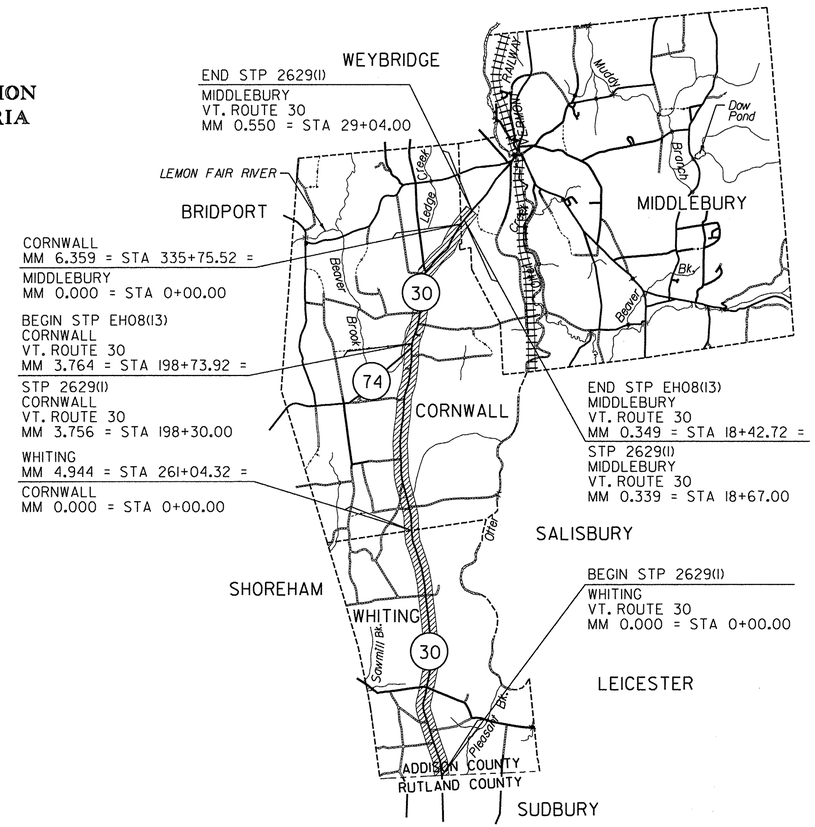
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SEE SHEET 2

STATE OF VERMONT
AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT
TOWNS OF WHITING, CORNWALL & MIDDLEBURY
COUNTY OF ADDISON
VT. ROUTE 30

WHITING-MIDDLEBURY
STP 2629(1)
SEE SHEET 6
FOR ADDITIONAL PROJECT INFORMATION
AND THE SUPERPAVE DESIGN CRITERIA



CORNWALL - MIDDLEBURY
STP EH08(13)
SEE SHEET 54
FOR ADDITIONAL PROJECT INFORMATION
AND PROPOSED SHOULDER GRADING

STATE OF VERMONT
RODNEY A. BASCOM
No. 6581
REGISTERED PROFESSIONAL ENGINEER

PLANS PREPARED BY

CHA

STATE OF VERMONT
MARK C. SMITH
NO. 6526
REGISTERED PROFESSIONAL ENGINEER

RSG, Inc.

RECORD PLANS

CONTRACTOR:	PIKE INDUSTRIES, INC. – BERLIN, VT
RESIDENT ENGINEER:	JOSH HULETT
CONSTRUCTION BEGAN:	AUGUST 30, 2010
CONSTRUCTION COMPLETE:	OCTOBER 10, 2010
RECORD PLANS BY:	JOSH HULETT & DARREN CONNOLLY

I HEREBY CERTIFY THAT ALL THE CONSTUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.

BY Joshua P. Hulett RESIDENT ENGINEER

DATE March 21, 2012

NOTE: Any further information concerning final quantities, amounts or other details relative to this project may be found at Central Files in the electronic archives.

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
CONTROL OF ACCESS
PROPERTY LINE
R.O.W. TAKING LINE
SLOPE RIGHTS SR SR SR
TOP OF CUT
TOE OF SLOPE

SURVEYED BY : NA
SURVEYED DATE : NA

DATUM
VERTICAL NA
HORIZONTAL NA

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 2006, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JUNE 15, 2006 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 Judith Johnson DATE 6-17-10

PROJECT MANAGER : MIKE FOWLER

PROJECT NAME : WHITING - MIDDLEBURY
CORNWALL - MIDDLEBURY

PROJECT NUMBER : STP 2629(1) & STP EH08(13)

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2	COMPOSITE INDEX OF SHEETS
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7	PROJECT TYPICAL SHEET
8	PAVING DETAILS SHEET
9	DRIVEWAY HANDWORK DETAILS SHEET
10	DRIVEWAY HANDWORK TABLES SHEET
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A-62	06-30-95
B-5	06-01-94
B-11	06-01-94
B-12	06-01-94
B-71	07-08-05
D-3	06-01-94
D-15	06-01-94
E-100	01-02-04
E-101	05-30-03
E-102	06-30-03
E-102A	05-01-04
E-106	03-01-04
E-107	06-30-03
E-107A	06-08-09
E-108	06-08-09
E-108A	06-08-09
E-110	08-08-95
E-111	03-11-97
E-112	01-23-97
E-119	03-01-04
E-121	08-08-95
E-138	05-30-03
E-141	09-20-95
E-164	06-08-09
E-191	02-01-99
E-192	10-12-00
E-193	08-18-95
E-197	04-01-05
E-198	04-01-05
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G-1	01-03-00
G-1D	01-03-00
G-19	11-15-02
J-3	08-07-95

COMPOSITE INDEX OF SHEETS

PROJECT NAME: WHITING - MIDDLEBURY & CORNWALL - MIDDLEBURY

PROJECT NUMBER: STP 2629(1) & STP EH08(13)

FILE NAME: p06c226.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
DWG. NO. p06c226cind.i

PLOT DATE: 30-MAR-2012 14:12
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 2 OF 133

COMPOSITE QUANTITY SHEET 1

STATE OF VERMONT
AGENCY OF TRANSPORTATION

STP 2629(I)			STP EH 08(I3)			SUMMARY OF ESTIMATED QUANTITIES				
EMPLOYEE TRAINEESHIP	FULL C.E.	ROADWAY	FULL C.E.	EROSION CONTROL	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
					I	I	LS	CLEARING AND GRUBBING, INCLUDING INDIVIDUAL TREES AND STUMPS	201.10	
		300			I50	450	CY	COMMON EXCAVATION	203.15	
					80	80	CY	SOLID ROCK EXCAVATION	203.16	
		425				425	CY	EARTH BORROW	203.30	
					260	260	CY	TRENCH EXCAVATION OF EARTH	204.20	
		I			I	2	CY	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	204.22	
					I80	I80	CY	GRANULAR BACKFILL FOR STRUCTURES	204.30	
		4300				4300	SY	COLD PLANING, BITUMINOUS PAVEMENT	210.10	
		2400			II70	3570	TON	SUBBASE OF CRUSHED GRAVEL, FINE GRADED	301.28	
		I50				I50	TON	SUBBASE OF DENSE GRADED CRUSHED STONE	301.35	
		54,000				54,000	SY	RECLAIMED STABILIZED BASE	310.20	
		3100				3100	TON	AGGREGATE SHOULDERS	402.12	
		600				600	CWT	EMULSIFIED ASPHALT	404.65	
		I				I	LU	PRICE ADJUSTMENT, ASPHALT CEMENT (N.A.B.I.)	406.50	
		34,500				34,500	TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT	490.30	
		I				I	LU	AIR VOIDS PAY ADJUSTMENT (N.A.B.I.)	490.31	
		I				I	LU	MAT DENSITY PAY ADJUSTMENT (N.A.B.I.)	490.32	
		I				I	LU	SURFACE TOLERANCE PAY ADJUSTMENT (N.A.B.I.)	490.33	
		I				I	LU	LONGITUDINAL JOINT COMPACTION PAY ADJUSTMENT (N.A.B.I.)	490.34	
					760	760	LB	REINFORCING STEEL	507.15	
					5	5	CY	CONCRETE, CLASS B	541.25	
					20	20	LF	I5" CSP .064 (2-2/3 X I/2)	601.0010	
					25	25	LF	I8" CSP .064 (2-2/3 X I/2)	601.0015	
					25	25	LF	24" CSP .064 (2-2/3 X I/2)	601.0025	
					I40	I40	LF	I8" CPEP	601.0915	

DETAILED SUMMARY OF QUANTITIES		
QUANTITIES	UNIT	ITEMS

DETAILED SUMMARY OF QUANTITIES		
QUANTITIES	UNIT	ITEMS

COMPOSITE QUANTITY SHEET #1

PROJECT NAME: WHITING - MIDDLEBURY & CORNWALL - MIDDLEBURY

PROJECT NUMBER: STP 2629(I) & STP EH08(I3)

FILE NAME: p06c226.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
DWG. NO. p06c266cquanI.i

PLOT DATE: 30-MAR-2012 I4:I2
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 3 OF I33

COMPOSITE QUANTITY SHEET 2

STATE OF VERMONT
AGENCY OF TRANSPORTATION

STP 2629(I)			STP EH 08(13)			SUMMARY OF ESTIMATED QUANTITIES				
EMPLOYEE TRAINEESHIP	FULL C.E.	ROADWAY	FULL C.E.	EROSION CONTROL	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
		300				300	HR	POWER GRADER RENTAL	608.15	
		75				75	HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	608.25	
		100				100	HR	POWER BROOM RENTAL, TYPE I	608.30	
		50				50	HR	POWER BROOM RENTAL, TYPE II	608.31	
		125				125	HR	TRUCK RENTAL	608.37	
		300				300	HR	LOADER RENTAL, TYPE I	608.40	
		10				10	TON	DUST AND ICE CONTROL WITH CALCIUM CHLORIDE	609.15	
					70	70	CY	STONE FILL, TYPE I	613.10	
		150				150	EA	YIELDING MARKER POSTS	619.17	
		1350			50	1400	LF	STEEL BEAM GUARDRAIL, GALVANIZED	621.20	
		50				50	LF	HD STEEL BEAM GUARDRAIL, GALVANIZED/NESTED	621.216	
		10			3	13	EA	MANUFACTURED TERMINAL SECTION, FLARED	621.50	
					1	1	EA	ANCHOR FOR STEEL BEAM RAIL	621.60	
		1150				1150	LF	REMOVAL AND DISPOSAL OF GUARDRAIL	621.80	
		2500				2500	HR	UNIFORMED TRAFFIC OFFICERS	630.10	
		3650				3650	HR	FLAGGERS	630.15	
	1					1	LS	FIELD OFFICE, ENGINEERS	631.10	
	1					1	LS	TESTING EQUIPMENT, CONCRETE	631.16	
	1					1	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	
		1				1	LS	MOBILIZATION/DEMOBILIZATION	635.11	
		1				1	LS	TRAFFIC CONTROL	641.10	
		3				3	EA	PORTABLE CHANGEABLE MESSAGE SIGN	641.15	
		127,500				127,500	LF	DURABLE 4 INCH WHITE LINE, RECESSED POLYUREA	646.406	
		99,500				99,500	LF	DURABLE 4 INCH YELLOW LINE, RECESSED POLYUREA	646.416	
		650				650	LF	DURABLE 8 INCH WHITE LINE, THERMOPLASTIC	646.442	
		300				300	LF	DURABLE 24 INCH STOP BAR, TYPE ITAPE	646.481	
		88				88	EA	DURABLE LETTER OR SYMBOL, TYPE ITAPE	646.491	
		127,500				127,500	LF	TEMPORARY 4 INCH WHITE LINE, PAINT	646.602	
		99,500				99,500	LF	TEMPORARY 4 INCH YELLOW LINE, PAINT	646.612	
		300				300	LF	TEMPORARY 24 INCH STOP BAR, PAINT	646.682	
		84				84	EA	TEMPORARY LETTER OR SYMBOL, PAINT	646.692	
		12000				12000	EA	LINE STRIPING TARGETS	646.76	
					290	290	SY	GEOTEXTILE UNDER STONE FILL	649.31	

DETAILED SUMMARY OF QUANTITIES		
QUANTITIES	UNIT	ITEMS

DETAILED SUMMARY OF QUANTITIES		
QUANTITIES	UNIT	ITEMS

COMPOSITE QUANTITY SHEET #2

PROJECT NAME: WHITING - MIDDLEBURY & CORNWALL - MIDDLEBURY

PROJECT NUMBER: STP 2629(I) & STP EH08(13)

FILE NAME: p06c226.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
DWG. NO. p06c266cquan2.i

PLOT DATE: 30-MAR-2012 14:12
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 4 OF 133

COMPOSITE QUANTITY SHEET 3

STATE OF VERMONT
AGENCY OF TRANSPORTATION

STP 2629(I)			STP EH 08(13)			SUMMARY OF ESTIMATED QUANTITIES				
EMPLOYEE TRAINEESHIP	FULL C.E.	ROADWAY	FULL C.E.	EROSION CONTROL	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
		110				110	LB	SEED	651.15	
		400				400	LB	FERTILIZER	651.18	
		1				1	TON	AGRICULTURAL LIMESTONE	651.20	
		1				1	TON	HAY MULCH	651.25	
		100				100	CY	TOPSOIL	651.35	
				1		1	LS	EPSC PLAN	652.10	
				56		56	HR	MONITORING EPSC PLAN	652.20	
				1		1	LU	MAINTENANCE OF EPSC PLAN (N.A.B.I.)	652.30	
		3700		180		3880	SY	TEMPORARY EROSION MATTING	653.20	
				11		11	EA	INLET PROTECTION DEVICE, TYPE I	653.40	
				700		700	LF	PROJECT DEMARCATION FENCE	653.55	
				4300		4300	LF	EROSION LOGS	653.60	
		69				69	SF	TRAFFIC SIGNS, TYPE A	675.20	
		325				325	LF	SQUARE STEEL SIGN POST AND ANCHOR	675.341	
		45				45	EA	REMOVING SIGNS	675.50	
		18				18	EA	ERECTING SALVAGED SIGNS	675.60	
		10				10	EA	DELINEATOR WITH STEEL POST	676.10	
		1				1	LU	PRICE ADJUSTMENT, FUEL (N.A.B.I.)	690.50	
		3300				3300	SY	SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES)	900.675	
		54,000				54,000	SY	SPECIAL PROVISION (RECLAIMED STABILIZED BASE, PORTLAND CEMENT)	900.675	
		750				750	TON	SPECIAL PROVISION (PORTLAND CEMENT FOR BASE STABILIZATION)	900.680	
		700				700	CWT	SPECIAL PROVISION (FOG SEAL SURFACE TREATMENT)	900.683	

DETAILED SUMMARY OF QUANTITIES		
QUANTITIES	UNIT	ITEMS

DETAILED SUMMARY OF QUANTITIES		
QUANTITIES	UNIT	ITEMS

COMPOSITE QUANTITY SHEET #3

PROJECT NAME: WHITING - MIDDLEBURY & CORNWALL - MIDDLEBURY

PROJECT NUMBER: STP 2629(I) & STP EH08(13)

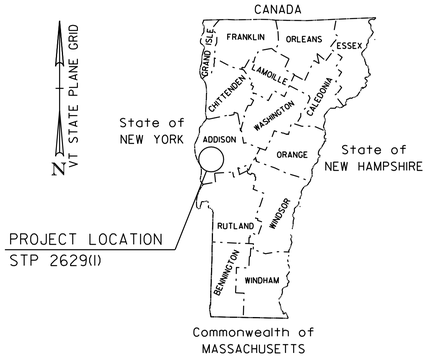
FILE NAME: p06c226.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
DWG. NO. p06c266cquan3.i

PLOT DATE: 30-MAR-2012 14:12
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 5 OF 133

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STATE OF VERMONT
AGENCY OF TRANSPORTATION



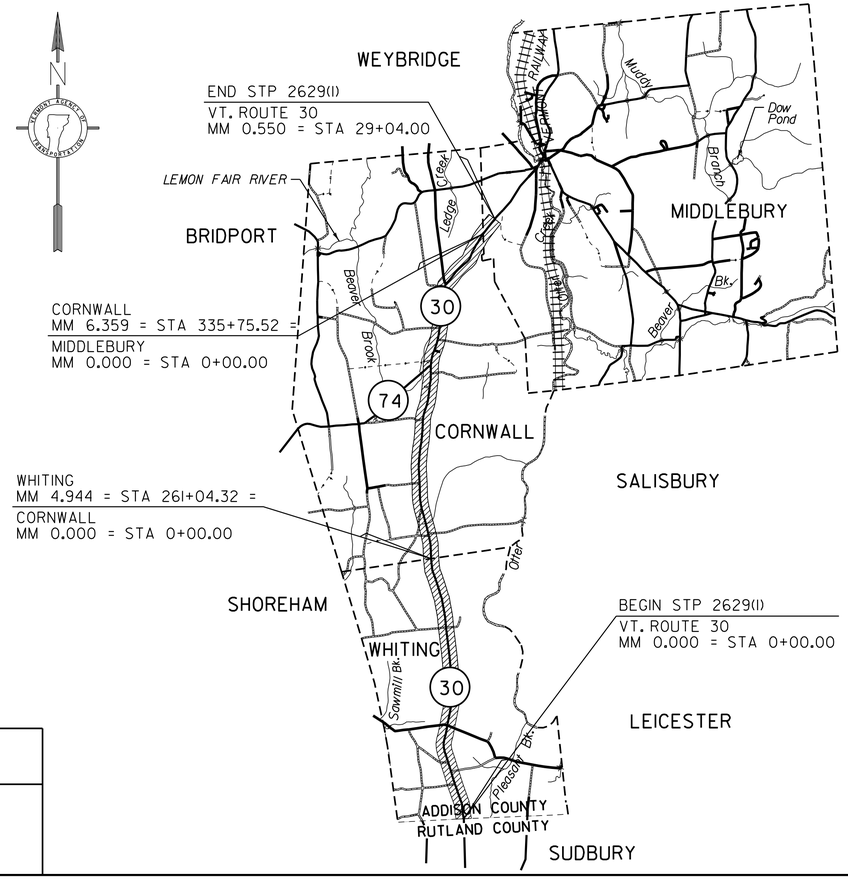


PROPOSED IMPROVEMENT
TOWNS OF WHITING, CORNWALL & MIDDLEBURY
COUNTY OF ADDISON
VT. ROUTE 30

BEGINNING IN THE TOWN OF WHITING ON VT. ROUTE 30 AT MILE MARKER 0.000 = STA 0+00.00 AND EXTENDING NORTHERLY FOR A DISTANCE OF 62,583.84 FEET (11.853 MILES) TO A POINT IN THE TOWN OF MIDDLEBURY AT MILE MARKER 0.550 = STA 29+04.00.

LENGTH OF ROADWAY	62,583.84 FT	(11.853 MILES)
LENGTH OF PROJECT	62,583.84 FT	(11.853 MILES)

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES RECLAIMING AND/OR OVERLAYING SEGMENTS OF THE EXISTING HIGHWAY AND RESURFACING WITH A SHIM/LEVELING COURSE AND WEARING COURSE, NEW PAVEMENT MARKINGS, GUARDRAIL IMPROVEMENTS, DRAINAGE IMPROVEMENTS AND INCIDENTAL ITEMS.



BITUMINOUS CONCRETE SUPERPAVE MIXTURE DESIGN CRITERIA	
DESIGN LANE/DESIGN LIFE ESAL	1,121,500
DESIGN NUMBER OF GYRATIONS	65
PERFORMANCE GRADE ASPHALT BINDER	SEE SECTION 490 GENERAL SPECIAL PROVISIONS

TRAFFIC DATA

SECTIONS	ADT		DHV		ESALS	ESALS
	2010	2020	2010	2020	2010-2020	2010-2030
BEGIN PROJECT TO SWAMP ROAD (TH-3)	1600	1700	200	210	306,000	680,000
SWAMP ROAD (TH-3) TO VT. ROUTE 74	2100	2200	240	250	377,000	848,000
VT. ROUTE 74 TO CIDER MILL ROAD (TH-2)	3900	4100	440	460	707,000	1,759,000
CIDER MILL ROAD (TH-2) TO END PROJECT	4700	4700	490	490	1,016,000	2,243,000

STATE OF VERMONT
RODNEY A. BASCOM
No. 6581
REGISTERED PROFESSIONAL ENGINEER

PLANS PREPARED BY

CHA

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
CONTROL OF ACCESS
PROPERTY LINE
R.O.W. TAKING LINE
SLOPE RIGHTS (SR SR SR)
TOP OF CUT
TOE OF SLOPE

SURVEYED BY : NA
SURVEYED DATE : NA

DATUM
VERTICAL NA
HORIZONTAL NA

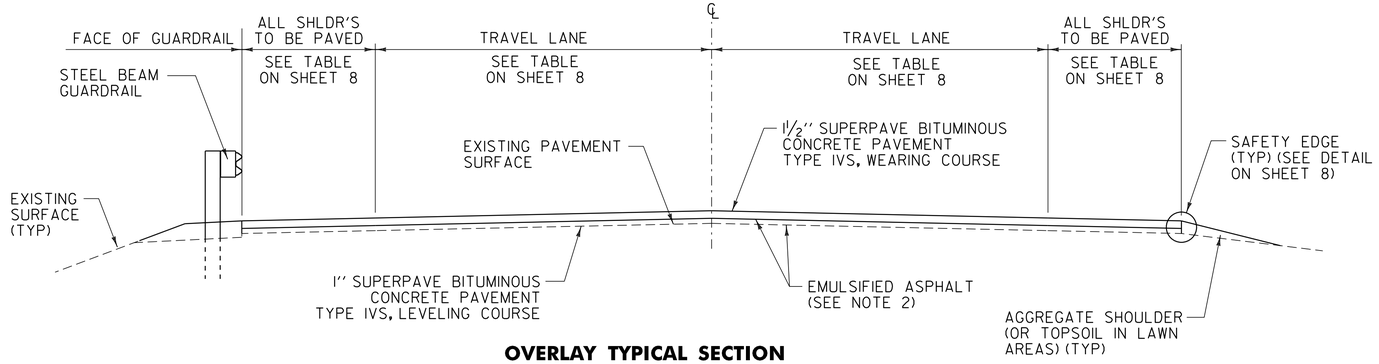
THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE DIRECTOR OF PROGRAM DEVELOPMENT.

CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2006, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JUNE 15, 2006 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

PROJECT MANAGER : MIKE FOWLER

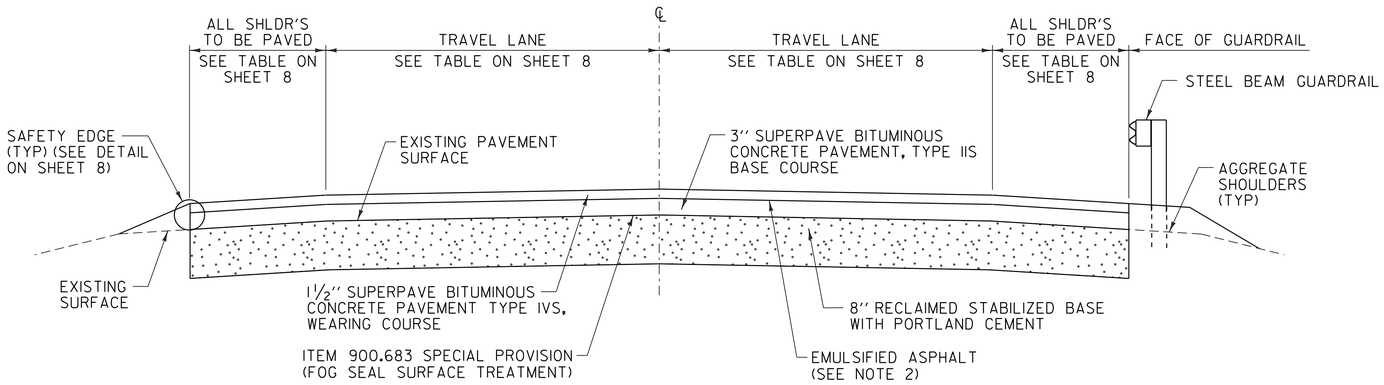
PROJECT NAME : WHITING - MIDDLEBURY
PROJECT NUMBER : STP 2629(I)

SHEET 6 OF 133 SHEETS



OVERLAY TYPICAL SECTION

VT. ROUTE 30 WHITING STA 0+00.00 TO WHITING STA 261+04.32
VT. ROUTE 30 CORNWALL STA 0+00.00 TO CORNWALL STA 198+30.00



RECLAIMED STABILIZED TYPICAL SECTION

VT. ROUTE 30 CORNWALL STA 198+30.00 TO CORNWALL STA 335+75.52
VT. ROUTE 30 MIDDLEBURY STA 0+00.00 TO MIDDLEBURY STA 29+04.00

TYPICAL ORDER OF OPERATIONS FOR RECLAIMED STABILIZED BASE WITH PORTLAND CEMENT PAVEMENT REHABILITATION

STEP	DESCRIPTION	PAYMENT ITEM(S)
1	REPAIR EXISTING SHOULDERS AS DIRECTED BY THE RESIDENT ENGINEER	ITEM 301.28 SUBBASE OF CRUSHED GRAVEL, FINE GRADED
2	RECLAIM EXISTING ROADBED 8'' USING WATER FOR STABILIZATION AND COMPACTION	ITEM 310.20 RECLAIMED STABILIZED BASE, WATER USED FOR STABILIZATION SHALL BE CONSIDERED INCIDENTAL TO ITEM 310.20 PER SPECIFICATION AS DIRECTED BY THE RESIDENT ENGINEER
3	CORRECT SUPERELEVATION DEFICIENCIES	ITEM 301.28 SUBBASE OF CRUSHED GRAVEL, FINE GRADED
4	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)
5	PLACE 3'' TYPE IIS BASE COURSE	ITEM 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT
6	PLACE 1½'' TYPE IVS WEARING COURSE	ITEM 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT

NOTE:

1. 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 UTILIZING THE APPROPRIATE PAY ITEMS AS SHOWN IN THE PLANS AS DIRECTED BY THE RESIDENT ENGINEER.

NOTES

1. THE WEARING COURSE SHALL BE TYPE IVS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT. THE BASE COURSE SHALL BE TYPE IIS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT. THE LEVELING COURSE SHALL BE TYPE IVS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT.
2. EMULSIFIED ASPHALT SHALL BE APPLIED ON ALL EXISTING PAVEMENT SURFACES, BETWEEN ALL COURSES OF PAVEMENT AND ON COLD PLANED SURFACES AT THE RATE OF 0.025 GAL/SY OR AS DIRECTED BY THE RESIDENT ENGINEER.
3. SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = +/- 1/4 '' (TOTAL PAVEMENT THICKNESS EXCLUDING LEVELING).
4. PRIOR TO RECLAIMING, THE CONTRACTOR SHALL COMPLETE THE STP EH 08(13) VT. ROUTE 30 CORNWALL PEDESTRIAN SHOULDER ACCESS PROJECT AS DIRECTED BY THE RESIDENT ENGINEER. ANY ADDITIONAL SHOULDER REPAIRS NEEDED THROUGHOUT THE PROJECT AREA SHALL BE COMPLETED AS DIRECTED BY THE RESIDENT ENGINEER. EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE RESIDENT ENGINEER SHALL BE EXCAVATED TO A DEPTH OF 3'' OR AS DIRECTED BY THE RESIDENT ENGINEER. THIS WORK WILL BE PAID FOR USING THE APPROPRIATE RENTAL ITEM(S). THE METHOD OF REMOVAL AND THE USE OF RENTAL ITEM(S) SHALL BE APPROVED BY THE RESIDENT ENGINEER PRIOR TO ANY WORK BEING DONE. MATERIAL REMOVED SHALL BE REPLACED WITH ITEM 301.28 SUBBASE OF CRUSHED GRAVEL, FINE GRADED. EXCAVATED MATERIAL SHALL BE SPREAD ON THE ADJACENT SLOPES OR REMOVED FROM THE PROJECT AS DIRECTED BY THE RESIDENT ENGINEER.
5. ITEM 301.28 SUBBASE OF CRUSHED GRAVEL, FINE GRADED HAS BEEN INCLUDED TO CORRECT SUPERELEVATION AND GRADATION DEFICIENCIES WITHIN THE RECLAIMED SECTION. AN ESTIMATED THICKNESS OF 2'' HAS BEEN INCLUDED FOR THE ENTIRE RECLAIMED SURFACE AREA.
6. ALL EDGES OF PAVEMENT SHALL BE BACKED UP TO FULL HEIGHT WITH AGGREGATE SHOULDER MATERIAL AS DIRECTED BY THE RESIDENT ENGINEER AND WILL BE PAID FOR UNDER ITEM 402.12 AGGREGATE SHOULDERS.
7. DITCHING MATERIAL OR EARTH BORROW SHALL BE USED FOR THE CONSTRUCTION OF MANUFACTURED TERMINAL FLARES, 25 CUBIC YARDS OF DITCHING MATERIAL OR EARTH BORROW AND 25 SQUARE YARDS OF TEMPORARY EROSION MATTING SHOULD BE USED FOR EACH GUARDRAIL TERMINAL.
8. THE PROPOSED GUARDRAIL SHALL BE INSTALLED IN A LOCATION THAT MAXIMIZES THE DISTANCE FROM THE CENTER OF THE ROAD TO THE FACE OF GUARDRAIL.
9. ITEM 609.15 DUST AND ICE CONTROL WITH CALCIUM CHLORIDE HAS AN ESTIMATED QUANTITY TO BE USED ON SIDE ROAD APPROACHES WHICH WILL BE PAVED.
10. AN ESTIMATED QUANTITY OF ITEM 619.17 YIELDING MARKER POSTS HAS BEEN INCLUDED TO DELINEATE PIPE INLETS, PIPE OUTLETS AND DROP INLETS LOCATED OUTSIDE OF THE PAVEMENT SURFACE OR AS DIRECTED BY THE RESIDENT ENGINEER
11. STEEL BEAM GUARDRAIL WITH STEEL POSTS SHALL BE USED ON THIS PROJECT.

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	80			

GENERAL NOTES

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

SEED:
TO BE APPLIED PER SEEDING FORMULA OR AS DIRECTED BY THE RESIDENT ENGINEER.

FERTILIZER:
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:
TO BE APPLIED AT THE RATE OF 2 TONS/ACRE OR AS DIRECTED BY THE RESIDENT ENGINEER.

HAY MULCH:
TO BE PLACED ON EARTH SLOPES AT THE RATE OF 2 TONS/ACRE OR AS DIRECTED BY THE RESIDENT ENGINEER.

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

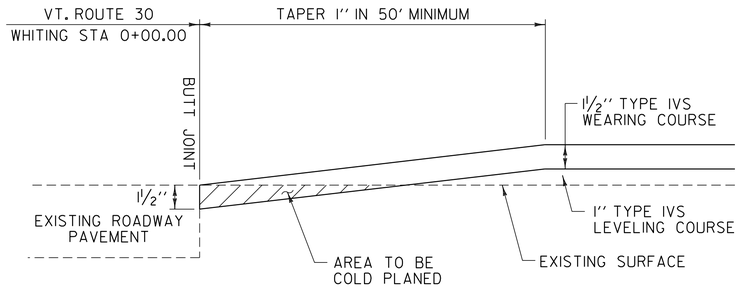
NOT TO SCALE

PROJECT TYPICAL SHEET

PROJECT NAME: WHITING - MIDDLEBURY
PROJECT NUMBER: STP 2629(I)

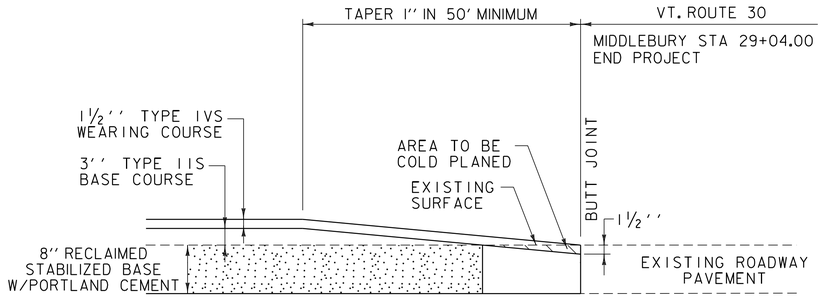
FILE NAME: p06c226.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
DWG. NO. p06c226typ.i

PLOT DATE: 30-MAR-2012 14:12
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 7 OF 133



OVERLAY APPROACH AREA DETAIL

VT. ROUTE 30 WHITING STA 0+00.00 - BEGIN PROJECT

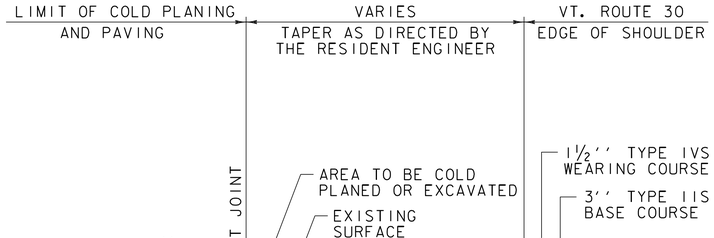


RECLAIMED APPROACH AREA DETAIL

VT. ROUTE 30 MIDDLEBURY STA 29+04.00 - END PROJECT

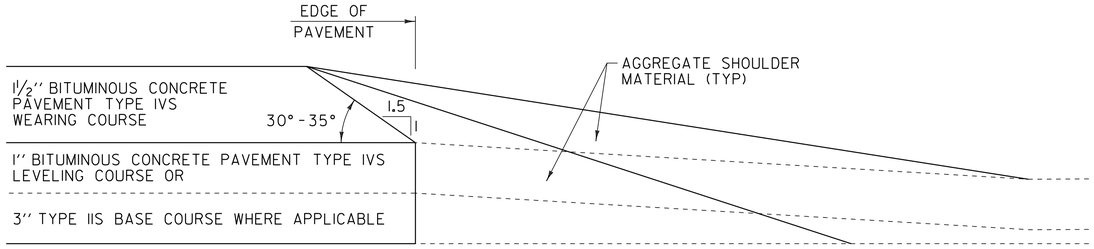
RECLAIMED TO OVERLAY TRANSITION DETAIL

VT. ROUTE 30 CORNWALL STA 198+30.00

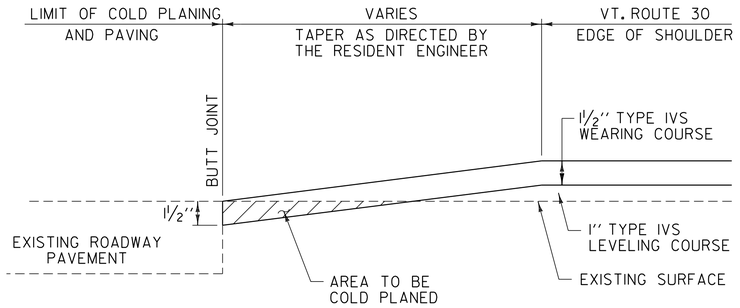


RECLAIMED SIDE ROAD DETAIL

CORNWALL: TH-24 STA 205+60.32 RT
TH-18 STA 220+44.00 RT
TH-6 STA 230+89.44 LT
TH-17 STA 241+77.12 RT
TH-9 STA 272+28.96 LT
TH-2 STA 274+19.04 LT



SAFETY EDGE DETAIL



OVERLAY SIDE ROAD DETAIL

WHITING: TH-15 STA 37+43.52 LT
TH-12 STA 60+35.04 LT
TH-1 STA 97+68.00 LT
TH-1 STA 97+68.00 RT
TH-9 STA 190+60.80 RT
TH-4 STA 190+92.48 LT

CORNWALL: TH-25 STA 19+69.44 LT
TH-3 STA 23+49.60 RT
TH-28 STA 46+30.56 LT
TH-1 STA 72+17.76 LT
TH-21 STA 135+37.92 LT
TH-30 STA 169+75.20 LT
TH-19 STA 185+06.40 RT
VT. ROUTE 74 STA 194+72.64 LT
TH-29 STA 197+84.16 LT

PROJECT PAVING LIMITS

TOWN & ROUTE	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH	LEVELING TON	NOTES
WHITING:						
VT. ROUTE 30	0+00.00	261+04.32	2'-0'' - 11'-0'' - 11'-0'' - 2'-0''	1½''	4399	LEVEL WITH 1'' TYPE IVS & PAVE WITH 1½'' TYPE IVS
CORNWALL:						
VT. ROUTE 30	0+00.00	198+30.00	2'-0'' - 11'-0'' - 11'-0'' - 2'-0''	1½''	3470	LEVEL WITH 1'' TYPE IVS & PAVE WITH 1½'' TYPE IVS
VT. ROUTE 30	198+30.00	292+15.00	3'-0'' - 11'-0'' - 11'-0'' - 3'-0''	1½''	-	RECLAIM 8'', PAVE WITH 3'' TYPE IIS & PAVE WITH 1½'' TYPE IVS
VT. ROUTE 30	292+15.00	311+00.00	9'-0'' - 11'-0'' - 11'-0'' - 9'-0''	1½''	-	RECLAIM 8'', PAVE WITH 3'' TYPE IIS & PAVE WITH 1½'' TYPE IVS
VT. ROUTE 30	311+00.00	335+75.52	3'-0'' - 11'-0'' - 11'-0'' - 3'-0''	1½''	-	RECLAIM 8'', PAVE WITH 3'' TYPE IIS & PAVE WITH 1½'' TYPE IVS
MIDDLEBURY:						
VT. ROUTE 30	0+00.00	29+04.00	3'-0'' - 11'-0'' - 11'-0'' - 3'-0''	1½''	-	RECLAIM 8'', PAVE WITH 3'' TYPE IIS & PAVE WITH 1½'' TYPE IVS

EXISTING WIDTHS			
WHITING		CORNWALL	
STATION	WIDTH	STATION	WIDTH
0+00	23'-10''	0+00	22'-5''
10+00	23'-6''	10+00	24'-1''
20+50	24'-1''	29+00	23'-10''
29+50	24'-6''	40+00	23'-8''
40+00	24'-2''	50+00	23'-8''
50+00	23'-8''	60+00	23'-2''
70+50	23'-0''	70+00	22'-8''
80+00	23'-4''	80+00	22'-11''
91+00	24'-3''	90+00	23'-7''
100+75	23'-8''	100+00	23'-9''
111+00	22'-6''	110+00	22'-8''
122+00	23'-8''	120+00	22'-10''
130+00	24'-0''	133+50	24'-0''
142+00	23'-0''	140+50	23'-0''
155+00	24'-2''	150+00	23'-2''
170+00	23'-10''	163+50	23'-7''
182+00	24'-4''	172+50	23'-8''
200+00	23'-11''	191+50	24'-3''
210+00	22'-8''	207+50	25'-1''
220+00	23'-11''	213+00	25'-4''
238+00	24'-3''	224+00	25'-1''
250+00	25'-0''	233+50	24'-11''
MIDDLEBURY		243+00	25'-10''
STATION	WIDTH	253+50	24'-7''
0+00	24'-2''	260+00	24'-10''
5+50	25'-6''	268+00	24'-8''
20+50	25'-0''	278+00	25'-8''
25+00	25'-2''	285+00	25'-2''
29+04	24'-1''	290+50	24'-5''
		292+15	42'-2''
		304+75	40'-7''
		312+50	25'-9''
		322+75	24'-0''
		329+75	26'-5''

NOT TO SCALE

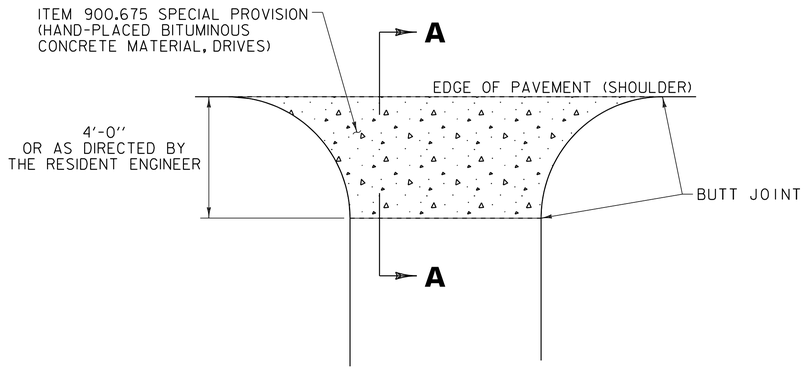
PAVING DETAILS SHEET

PROJECT NAME: WHITING - MIDDLEBURY

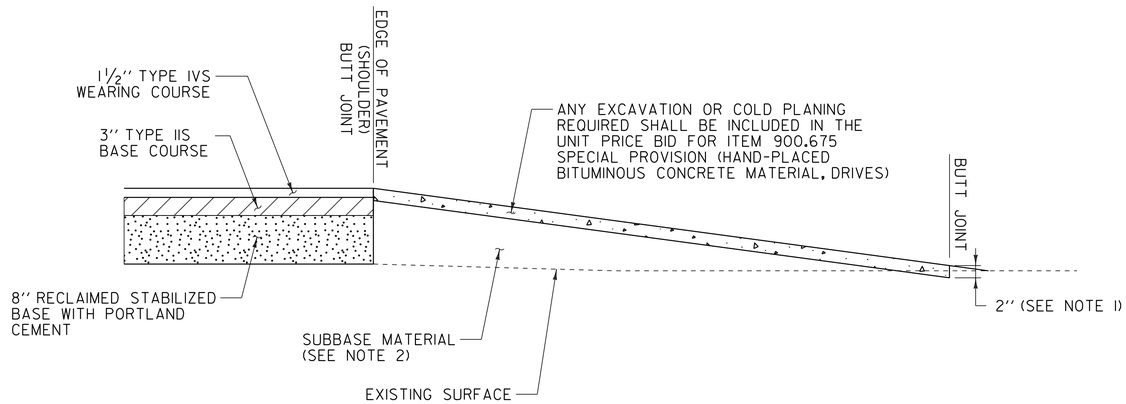
PROJECT NUMBER: STP 2629(1)

FILE NAME: p06c226.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
DWG. NO. p06c226pd.i

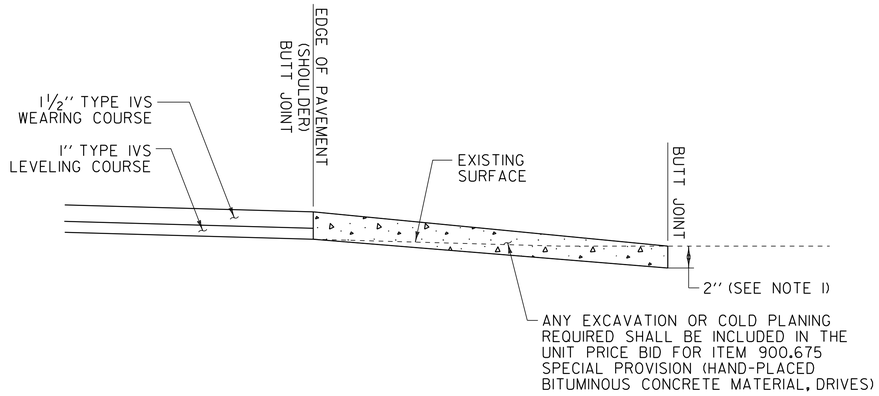
PLOT DATE: 30-MAR-2012 14:12
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 8 OF 133



PLAN

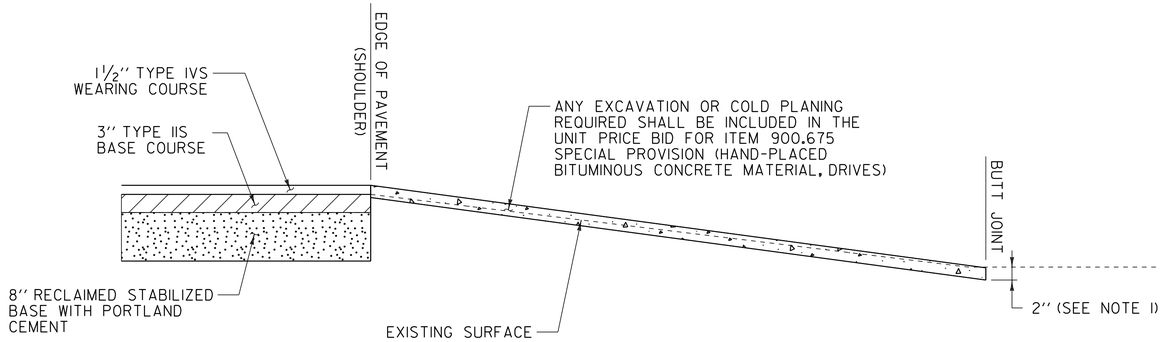


SECTION A–A
FILL SECTION



SECTION A–A

OVERLAY AREAS



SECTION A–A
CUT SECTION

RECLAIM AREAS

NOTES:

1. PAVING LIFT NOT TO EXCEED 2".

2. THE COST OF SUBBASE MATERIAL, PLACING SUBBASE MATERIAL, CLEANING EXISTING PAVED SURFACES, INCLUDING POWER EQUIPMENT, AND FOR FILLING JOINTS, CRACKS AND HOLES WILL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 900.675 SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES).

3. EXCAVATION OR COLD PLANING NEEDED TO ACHIEVE PROPER DRIVE SLOPES WILL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 900.675 SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES).

NOT TO SCALE

DRIVEWAY HANDWORK DETAILS SHEET

PROJECT NAME: WHITING - MIDDLEBURY

PROJECT NUMBER: STP 2629(11)

FILE NAME: p06c226.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
DWG. NO. p06c226dhwd.i

PLOT DATE: 30-MAR-2012 14:13
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 9 OF 133

STP 2629(I) WHITING - MIDDLEBURY

STATION	POSITION	QUANTITY (SY)	TYPE OF HANDWORK
WHITING:			
2+47.0	LT	9	GRAVEL DRIVE
4+85.0	RT	5	FIELD ACCESS
8+60.0	LT	9	GRAVEL DRIVE
8+64.0	RT	5	FIELD ACCESS
9+76.0	LT	9	GRAVEL DRIVE
10+31.0	RT	5	FIELD ACCESS
13+32.0	LT	5	FIELD ACCESS
15+15.0	RT	9	ASPHALT DRIVE
19+60.0	LT	5	FIELD ACCESS
19+97.0	RT	9	GRAVEL DRIVE
22+00.0	RT	89	GRAVEL DRIVE
22+28.0	LT	53	GRAVEL DRIVE
24+90.0	LT	9	GRAVEL DRIVE
26+17.0	LT	5	FIELD ACCESS
31+96.0	LT	9	GRAVEL DRIVE
36+88.0	RT	65	GRAVEL DRIVE
40+83.0	LT	9	GRAVEL DRIVE
41+73.0	LT	9	GRAVEL DRIVE
41+89.0	RT	5	GRAVEL DRIVE
43+31.0	RT	9	GRAVEL DRIVE
44+18.0	LT	5	FIELD ACCESS
46+33.0	LT	9	GRAVEL DRIVE
48+67.0	LT	9	GRAVEL DRIVE
50+02.0	RT	9	GRAVEL DRIVE
52+44.0	LT	9	GRAVEL DRIVE
52+80.0	LT	9	GRAVEL DRIVE
56+33.0	LT	9	GRAVEL DRIVE
63+35.0	RT	5	FIELD ACCESS
70+19.0	LT	9	GRAVEL DRIVE
73+67.0	LT	5	FIELD ACCESS
74+34.0	RT	5	FIELD ACCESS
74+70.0	RT	9	GRAVEL DRIVE
76+15.0	RT	9	GRAVEL DRIVE
77+84.0	RT	9	GRAVEL DRIVE
78+68.0	RT	38	GRAVEL DRIVE
80+00.0	RT	9	GRAVEL DRIVE
80+69.0	LT	9	GRAVEL DRIVE
81+21.0	RT	9	GRAVEL DRIVE
86+20.0	LT	9	GRAVEL DRIVE
87+27.0	LT	9	GRAVEL DRIVE
87+61.0	RT	79	ASPHALT DRIVE
89+68.0	LT	9	GRAVEL DRIVE
90+66.0	RT	64	GRAVEL DRIVE
90+80.0	LT	9	GRAVEL DRIVE
92+37.0	LT	9	GRAVEL DRIVE
93+13.0	RT	9	GRAVEL DRIVE
94+52.0	LT	36	ASPHALT DRIVE
96+17.0	LT	9	GRAVEL DRIVE
96+77.0	LT	9	GRAVEL DRIVE
99+06.0	RT	9	GRAVEL DRIVE
100+51.0	LT	9	GRAVEL DRIVE
101+48.0	LT	9	GRAVEL DRIVE
102+96.0	LT	9	GRAVEL DRIVE
105+53.0	LT	9	GRAVEL DRIVE
105+80.0	RT	5	FIELD ACCESS
107+22.0	LT	5	FIELD ACCESS
108+51.0	LT	9	GRAVEL DRIVE
110+81.0	LT	9	GRAVEL DRIVE
110+84.0	RT	5	FIELD ACCESS
112+93.0	RT	5	FIELD ACCESS
114+02.0	RT	9	GRAVEL DRIVE
115+81.0	LT	9	GRAVEL DRIVE
116+00.0	RT	5	FIELD ACCESS
116+35.0	LT	9	GRAVEL DRIVE
120+35.0	LT	9	GRAVEL DRIVE
120+58.0	LT	9	GRAVEL DRIVE
128+20.0	LT	9	GRAVEL DRIVE
133+35.0	LT	9	GRAVEL DRIVE
SUBTOTAL		909	

STP 2629(I) WHITING - MIDDLEBURY

STATION	POSITION	QUANTITY (SY)	TYPE OF HANDWORK
WHITING CONT.:			
135+21.0	RT	9	GRAVEL DRIVE
135+32.0	LT	9	GRAVEL DRIVE
137+30.0	LT	9	GRAVEL DRIVE
138+54.0	LT	9	GRAVEL DRIVE
140+83.0	LT	5	FIELD ACCESS
141+66.0	RT	9	GRAVEL DRIVE
146+38.0	LT	5	FIELD ACCESS
151+43.0	LT	5	FIELD ACCESS
153+17.0	RT	5	FIELD ACCESS
153+43.0	LT	9	GRAVEL DRIVE
156+57.0	LT	9	GRAVEL DRIVE
161+83.0	RT	9	GRAVEL DRIVE
161+89.0	LT	5	FIELD ACCESS
163+32.0	LT	9	GRAVEL DRIVE
163+42.0	RT	90	GRAVEL DRIVE
166+21.0	LT	9	GRAVEL DRIVE
168+26.0	LT	9	GRAVEL DRIVE
171+66.0	RT	5	FIELD ACCESS
172+73.0	LT	9	GRAVEL DRIVE
173+24.0	LT	9	GRAVEL DRIVE
176+12.0	RT	9	GRAVEL DRIVE
178+47.0	RT	9	GRAVEL DRIVE
179+39.0	LT	9	GRAVEL DRIVE
181+51.0	LT	9	GRAVEL DRIVE
181+85.0	LT	5	FIELD ACCESS
185+66.0	RT	9	GRAVEL DRIVE
185+86.0	LT	5	FIELD ACCESS
191+95.0	RT	9	GRAVEL DRIVE
193+84.0	RT	9	GRAVEL DRIVE
195+22.0	RT	9	GRAVEL DRIVE
210+11.0	RT	5	FIELD ACCESS
213+10.0	LT	5	FIELD ACCESS
222+19.0	LT	5	FIELD ACCESS
226+20.0	RT	5	FIELD ACCESS
247+86.0	LT	9	FIELD ACCESS
250+75.0	LT	9	GRAVEL DRIVE
251+27.0	RT	9	GRAVEL DRIVE
259+12.0	RT	9	GRAVEL DRIVE
CORNWALL:			
1+16.0	RT	9	GRAVEL DRIVE
3+09.0	LT	18	GRAVEL DRIVE
4+61.0	RT	9	GRAVEL DRIVE
8+11.0	RT	9	GRAVEL DRIVE
14+23.0	LT	5	FIELD ACCESS
14+27.0	RT	5	FIELD ACCESS
15+73.0	RT	9	GRAVEL DRIVE
17+23.0	LT	56	GRAVEL DRIVE
19+01.0	RT	9	GRAVEL DRIVE
20+50.0	LT	9	GRAVEL DRIVE
24+26.0	RT	21	GRAVEL DRIVE
25+90.0	LT	9	GRAVEL DRIVE
26+82.0	LT	9	GRAVEL DRIVE
27+16.0	LT	9	GRAVEL DRIVE
27+27.0	RT	112	GRAVEL DRIVE
30+30.0	RT	9	GRAVEL DRIVE
30+50.0	LT	9	GRAVEL DRIVE
34+22.0	RT	9	GRAVEL DRIVE
34+85.0	LT	9	GRAVEL DRIVE
34+89.0	RT	5	FIELD ACCESS
35+65.0	LT	9	GRAVEL DRIVE
49+93.0	LT	9	GRAVEL DRIVE
54+12.0	LT	9	GRAVEL DRIVE
54+20.0	RT	9	GRAVEL DRIVE
55+66.0	RT	9	GRAVEL DRIVE
59+67.0	RT	9	GRAVEL DRIVE
64+26.0	RT	9	ASPHALT DRIVE
67+77.0	RT	9	GRAVEL DRIVE
70+41.0	RT	9	GRAVEL DRIVE
SUBTOTAL		795	

STP 2629(I) WHITING - MIDDLEBURY

STATION	POSITION	QUANTITY (SY)	TYPE OF HANDWORK
CORNWALL CONT.:			
72+44.0	RT	9	GRAVEL DRIVE
78+32.0	RT	9	GRAVEL DRIVE
81+74.0	RT	9	GRAVEL DRIVE
84+78.0	RT	9	GRAVEL DRIVE
84+92.0	LT	9	GRAVEL DRIVE
86+24.0	RT	9	GRAVEL DRIVE
88+50.0	RT	5	FIELD ACCESS
88+68.0	LT	5	FIELD ACCESS
90+29.0	RT	9	GRAVEL DRIVE
95+67.0	LT	9	GRAVEL DRIVE
95+90.0	RT	9	GRAVEL DRIVE
98+58.0	LT	5	FIELD ACCESS
99+59.0	RT	9	GRAVEL DRIVE
100+10.0	LT	9	GRAVEL DRIVE
100+29.0	RT	9	GRAVEL DRIVE
105+43.0	LT	9	GRAVEL DRIVE
106+39.0	RT	5	FIELD ACCESS
111+39.0	RT	9	GRAVEL DRIVE
115+19.0	LT	9	GRAVEL DRIVE
115+54.0	LT	5	FIELD ACCESS
123+80.0	RT	5	FIELD ACCESS
123+87.0	LT	9	GRAVEL DRIVE
125+43.0	LT	9	GRAVEL DRIVE
130+74.0	LT	5	FIELD ACCESS
130+99.0	RT	5	FIELD ACCESS
133+33.0	RT	9	GRAVEL DRIVE
137+45.0	RT	9	GRAVEL DRIVE
140+08.0	RT	9	GRAVEL DRIVE
143+14.0	RT	9	GRAVEL DRIVE
148+17.0	LT	5	FIELD ACCESS
152+65.0	RT	9	GRAVEL DRIVE
156+51.0	LT	13	ASPHALT DRIVE
157+99.0	RT	5	FIELD ACCESS
158+47.0	LT	9	ASPHALT DRIVE
163+06.0	RT	9	GRAVEL DRIVE
165+29.0	LT	9	GRAVEL DRIVE
167+51.0	RT	9	GRAVEL DRIVE
169+67.0	RT	9	ASPHALT DRIVE
171+77.0	RT	9	GRAVEL DRIVE
172+95.0	RT	9	GRAVEL DRIVE
174+76.0	RT	22	GRAVEL DRIVE
176+99.0	RT	9	GRAVEL DRIVE
177+47.0	RT	9	GRAVEL DRIVE
178+68.0	RT	9	GRAVEL DRIVE
181+56.0	LT	9	GRAVEL DRIVE
181+70.0	RT	9	GRAVEL DRIVE
184+99.0	LT	9	GRAVEL DRIVE
190+04.0	LT	9	GRAVEL DRIVE
191+83.0	RT	9	GRAVEL DRIVE
192+11.0	LT	5	GRAVEL DRIVE
192+92.0	RT	9	GRAVEL DRIVE
195+80.0	RT	76	GRAVEL DRIVE
197+51.0	RT	76	ASPHALT DRIVE
198+45.0	LT	39	ASPHALT DRIVE
201+82.0	RT	9	GRAVEL DRIVE
202+61.0	RT	13	ASPHALT DRIVE
203+42.0	RT	9	ASPHALT DRIVE
204+12.0	RT	9	GRAVEL DRIVE
204+89.0	LT	62	GRAVEL DRIVE
206+25.0	LT	9	GRAVEL DRIVE
207+44.0	LT	9	GRAVEL DRIVE
209+45.0	LT	55	GRAVEL DRIVE
217+14.0	RT	9	GRAVEL DRIVE
218+77.0	RT	9	GRAVEL DRIVE
221+75.0	LT	33	GRAVEL DRIVE
221+87.0	RT	9	GRAVEL DRIVE
227+89.0	RT	9	GRAVEL DRIVE
228+04.0	LT	9	GRAVEL DRIVE
SUBTOTAL		876	

STP 2629(I) WHITING - MIDDLEBURY

STATION	POSITION	QUANTITY (SY)	TYPE OF HANDWORK
CORNWALL CONT.:			
229+78.0	RT	9	ASPHALT DRIVE
232+02.0	LT	13	ASPHALT DRIVE
232+73.0	LT	13	ASPHALT DRIVE
234+84.0	LT	9	GRAVEL DRIVE
235+07.0	RT	5	FIELD ACCESS
235+26.0	LT	9	GRAVEL DRIVE
236+49.0	LT	9	GRAVEL DRIVE
236+82.0	LT	9	GRAVEL DRIVE
242+35.0	LT	9	GRAVEL DRIVE
244+31.0	RT	5	FIELD ACCESS
244+50.0	LT	9	GRAVEL DRIVE
246+21.0	LT	9	GRAVEL DRIVE
248+34.0	LT	9	GRAVEL DRIVE
249+28.0	LT	9	GRAVEL DRIVE
249+28.0	RT	9	GRAVEL DRIVE
249+89.0	RT	5	FIELD ACCESS
250+15.0	LT	9	ASPHALT DRIVE
251+25.0	RT	36	GRAVEL DRIVE
252+49.0	RT	9	GRAVEL DRIVE
252+57.0	LT	9	ASPHALT DRIVE
253+27.0	RT	9	GRAVEL DRIVE
253+91.0	LT	9	GRAVEL DRIVE
254+47.0	RT	9	ASPHALT DRIVE
256+65.0	LT	9	GRAVEL DRIVE
257+53.0	RT	13	GRAVEL DRIVE
259+09.0	RT	13	GRAVEL DRIVE
261+40.0	RT	9	GRAVEL DRIVE
261+74.0	LT	18	ASPHALT DRIVE
262+37.0	LT	9	GRAVEL DRIVE
263+71.0	LT	9	ASPHALT DRIVE
265+24.0	RT	13	GRAVEL DRIVE
267+63.0	LT	9	ASPHALT DRIVE
269+54.0	RT	9	ASPHALT DRIVE
270+44.0	RT	9	ASPHALT DRIVE
272+74.0	RT	9	ASPHALT DRIVE
276+65.0	RT	9	GRAVEL DRIVE
278+05.0	RT	9	GRAVEL DRIVE
279+82.0	RT	9	GRAVEL DRIVE
281+49.0	RT	9	GRAVEL DRIVE
281+75.0	LT	9	GRAVEL DRIVE
289+10.0	LT	22	ASPHALT DRIVE
289+85.0	RT	9	GRAVEL DRIVE
295+12.0	RT	9	GRAVEL DRIVE
296+61.0	LT	13	ASPHALT DRIVE
299+01.0	RT	9	ASPHALT DRIVE
300+86.0	RT	13	GRAVEL DRIVE
305+38.0	LT	18	GRAVEL DRIVE
309+10.0	LT	13	ASPHALT DRIVE
312+15.0	RT	9	ASPHALT DRIVE
313+62.0	RT	15	ASPHALT DRIVE
313+65.0	LT	9	ASPHALT DRIVE
313+95.0	RT	14	GRAVEL DRIVE
315+18.0	LT	11	ASPHALT DRIVE
315+92.0	LT	5	FIELD ACCESS
320+28.0	LT	9	ASPHALT DRIVE
320+59.0	RT	5	FIELD ACCESS
321+82.0	LT	5	FIELD ACCESS
327+85.0	RT	5	FIELD ACCESS
SUBTOTAL		597	

STP 2629(I) WHITING - MIDDLEBURY

STATION	POSITION	QUANTITY (SY)	TYPE OF HANDWORK
MIDDLEBURY:			
2+60.0	LT	9	GRAVEL DRIVE
16+10.0	RT	5	FIELD ACCESS
17+07.0	LT	5	FIELD ACCESS
18+77.0	RT	5	ASPHALT DRIVE
22+05.0	LT	18	GRAVEL DRIVE
SUBTOTAL		42	

SUMMARY BY TOWN	
TOWN	QUANTITY
WHITING	1279
CORNWALL	1893
MIDDLEBURY	42
SUBTOTAL:	3214
ROUNDING:	86
TOTAL:	3300

NOT TO SCALE

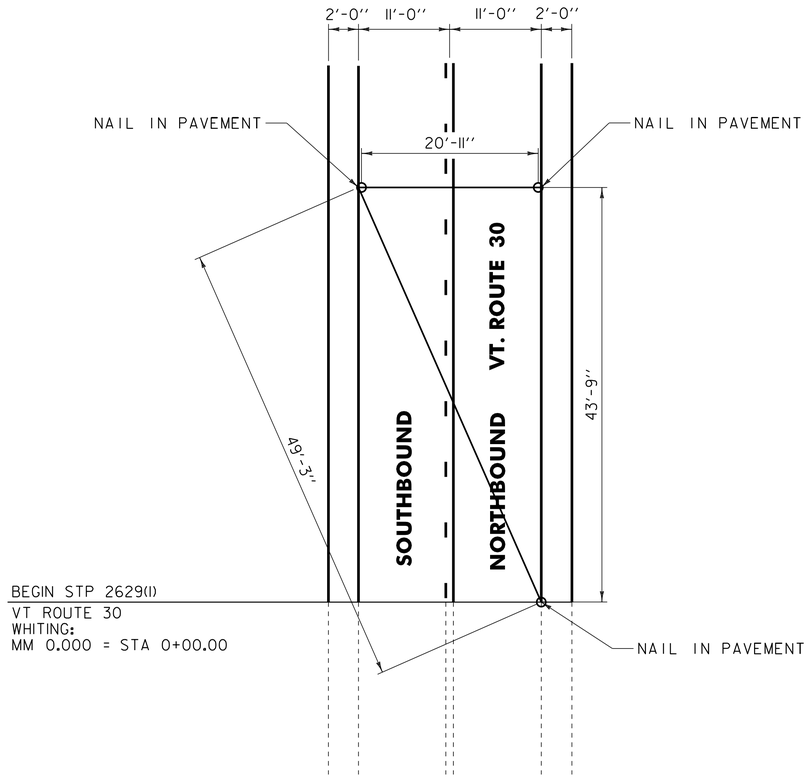
DRIVEWAY HANDWORK TABLES SHEET

PROJECT NAME: WHITING - MIDDLEBURY

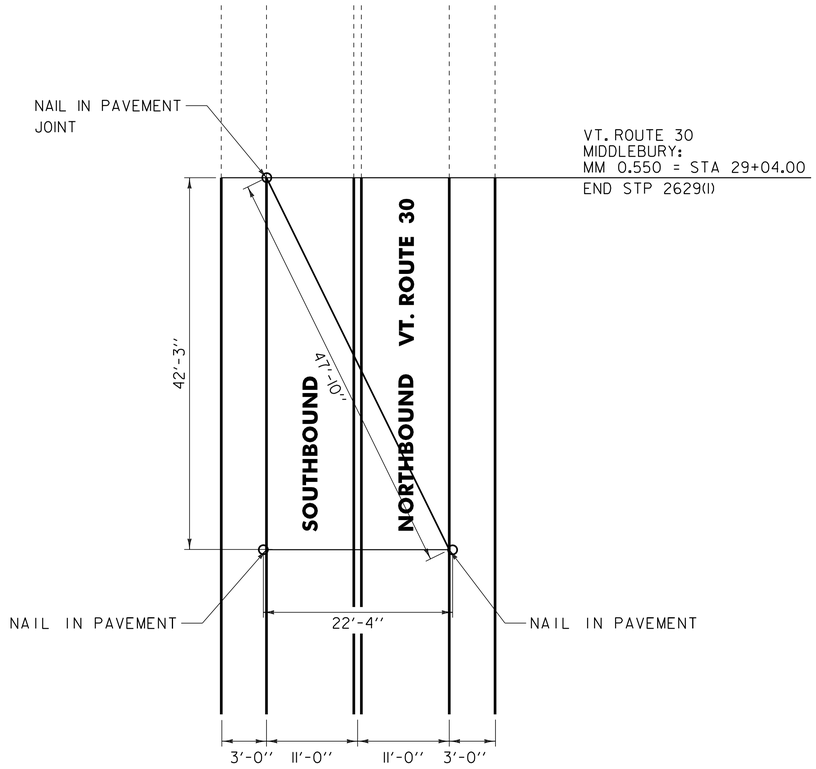
PROJECT NUMBER: STP 2629(I)

FILE NAME: p06c226.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
DWG. NO. p06c226dhwt.i

PLOT DATE: 30-MAR-2012 14:13
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 10 OF 133



BEGIN PROJECT LOCATION TIES VT. ROUTE 30



END PROJECT LOCATION TIES VT. ROUTE 30

NOT TO SCALE

PROJECT TIE SHEET

PROJECT NAME: WHITING - MIDDLEBURY

PROJECT NUMBER: STP 2629(1)

FILE NAME: p06c226.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
DWG. NO. p06c226tie.i

PLOT DATE: 30-MAR-2012 14:13
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 11 OF 133

QUANTITY SHEET 1

STATE OF VERMONT
AGENCY OF TRANSPORTATION

SUMMARY OF ESTIMATED QUANTITIES

EMPLOYEE TRAINEESHIP	FULL C.E.	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
		300	300	CY	COMMON EXCAVATION	203.15	16
		425	425	CY	EARTH BORROW	203.30	22
		1	1	CY	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	204.22	EST.
		4300	4300	SY	COLD PLANING, BITUMINOUS PAVEMENT	210.10	18
		2400	2400	TON	SUBBASE OF CRUSHED GRAVEL, FINE GRADED	301.28	38
		150	150	CY	SUBBASE OF DENSE GRADED CRUSHED STONE	301.35	20
		54,000	54,000	SY	RECLAIMED STABLIZED BASE	310.20	358
		3100	3100	TON	AGGREGATE SHOULDERS	402.12	10
		600	600	CWT	EMULSIFIED ASPHALT	404.65	32
		1	1	LU	PRICE ADJUSTMENT, ASPHALT CEMENT (N.A.B.I.)	406.50	
		34,500	34,500	TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT	490.30	460
		1	1	LU	AIR VOIDS PAY ADJUSTMENT (N.A.B.I.)	490.31	
		1	1	LU	MAT DENSITY PAY ADJUSTMEMT (N.A.B.I.)	490.32	
		1	1	LU	SURFACE TOLERANCE PAY ADJUSTMENT (N.A.B.I.)	490.33	
		1	1	LU	LONGITUDINAL JOINT COMPACTION PAY ADJUSTMENT (N.A.B.I.)	490.34	
		300	300	HR	POWER GRADER RENTAL	608.15	EST.
		75	75	HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	608.25	EST.
		100	100	HR	POWER BROOM RENTAL, TYPE I	608.30	EST.
		50	50	HR	POWER BROOM RENTAL, TYPE II	608.31	EST.
		125	125	HR	TRUCK RENTAL	608.37	EST.
		300	300	HR	LOADER RENTAL, TYPE I	608.40	EST.
		10	10	TON	DUST AND ICE CONTROL WITH CALCIUM CHLORIDE	609.15	EST.
		150	150	EA	YIELDING MARKER POSTS	619.17	EST.

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS
		SPECIAL PROVISION (RECLAIMED STABILIZED BASE, PORTLAND CEMENT)
53,642	SY	MAINLINE
358	SY	ROUNDING
54,000	SY	TOTAL
		COLD PLANING, BITUMINOUS PAVEMENT
4282	SY	SIDE ROADS
18	SY	ROUNDING
4300	SY	TOTAL
		SUPERPAVE BITUMINOUS CONCRETE PAVEMENT
16,498	TON	WEARING COURSE (TYPE IVS)
7869	TON	LEVELING COURSE (TYPE IVS)
9387	TON	BASE COURSE (TYPE IIS)
482	TON	SIDE ROADS
39	TON	INTERSECTION RECONFIGURATIONS
15	TON	PULLOFFS
210	TON	ROUNDING
34,500	TON	TOTAL
		AGGREGATE SHOULDERS
3090	TON	BACKING UP SHOULDERS TO FULL HEIGHT
10	TON	ROUNDING
~~3100~~	TON	TOTAL
		TEMPORARY EROSION MATTING
250	TON	ITEM DETAIL SUMMARY SHEET
3005	TON	DITCH CLEANING DETAIL SHEET
394	TON	INTERSECTION RECONFIGURATIONS
51	TON	ROUNDING
~~3700~~	TON	TOTAL

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

QUANTITY SHEET #1

PROJECT NAME: WHITING - MIDDLEBURY

PROJECT NUMBER: STP 2629(I)

FILE NAME: p06c226.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
DWG. NO. p06c226quant.i

PLOT DATE: 30-MAR-2012 14:13
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 12 OF 133

QUANTITY SHEET 2

STATE OF VERMONT
AGENCY OF TRANSPORTATION

SUMMARY OF ESTIMATED QUANTITIES

EMPLOYEE TRAINEESHIP	FULL C.E.	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
		1350	1350	LF	STEEL BEAM GUARDRAIL, GALVANIZED	621.20	50
		50	50	LF	HD STEEL BEAM GUARDRAIL, GALVANIZED/NESTED	621.216	
		10	10	EA	MANUFACTURED TERMINAL SECTION, FLARED	621.50	
		1150	1150	LF	REMOVAL AND DISPOSAL OF GUARDRAIL	621.80	12
		2500	2500	HR	UNIFORMED TRAFFIC OFFICERS	630.10	EST.
		3650	3650	HR	FLAGGERS	630.15	EST.
	1		1	LS	FIELD OFFICE, ENGINEERS	631.10	
	1		1	LS	TESTING EQUIPMENT, CONCRETE	631.16	
	1		1	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	
		1	1	LS	MOBILIZATION/DEMOBILIZATION	635.11	
		1	1	LS	TRAFFIC CONTROL	641.10	
		3	3	EA	PORTABLE CHANGEABLE MESSAGE SIGN	641.15	
		127,500	127,500	LF	DURABLE 4 INCH WHITE LINE, RECESSED POLYUREA	646.406	512
		99,500	99,500	LF	DURABLE 4 INCH YELLOW LINE, RECESSED POLYUREA	646.416	348
		650	650	LF	DURABLE 8 INCH WHITE LINE, THERMOPLASTIC	646.442	26
		300	300	LF	DURABLE 24 INCH STOP BAR, TYPE I TAPE	646.481	29
		88	88	EA	DURABLE LETTER OR SYMBOL, TYPE I TAPE	646.491	
		127,500	127,500	LF	TEMPORARY 4 INCH WHITE LINE, PAINT	646.602	EST.
		99,500	99,500	LF	TEMPORARY 4 INCH YELLOW LINE, PAINT	646.612	EST.
		300	300	LF	TEMPORARY 24 INCH STOP BAR, PAINT	646.682	EST.
		84	84	EA	TEMPORARY LETTER OR SYMBOL, PAINT	646.692	EST.
		12000	12000	EA	LINE STRIPING TARGETS	646.76	EST.
		110	110	LB	SEED	651.15	3
		400	400	LB	FERTILIZER	651.18	EST.
		1	1	TON	AGRICULTURAL LIMESTONE	651.20	EST.
		1	1	TON	HAY MULCH	651.25	EST.
		100	100	CY	TOPSOIL	651.35	6
		3700	3700	SY	TEMPORARY EROSION MATTING	653.20	51

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

QUANTITY SHEET #2

PROJECT NAME: WHITING - MIDDLEBURY

PROJECT NUMBER: STP 2629(I)

FILE NAME: p06c226.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
DWG. NO. p06c226quan2.i

PLOT DATE: 30-MAR-2012 14:13
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 13 OF 133

QUANTITY SHEET 3

STATE OF VERMONT
AGENCY OF TRANSPORTATION

SUMMARY OF ESTIMATED QUANTITIES

EMPLOYEE TRAINEESHIP	FULL C.E.	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
		69	69	SF	TRAFFIC SIGNS, TYPE A	675.20	0.36
		325	325	LF	SQUARE TUBE SIGN POST AND ANCHOR	675.341	23
		45	45	EA	REMOVING SIGNS	675.50	
		18	18	EA	ERECTING SALVAGED SIGNS	675.60	
		10	10	EA	DELINEATOR WITH STEEL POST	676.10	
		1	1	LU	PRICE ADJUSTMENT, FUEL (N.A.B.I.)	690.50	
		3300	3300	SY	SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES)	900.675	86
		54,000	54,000	SY	SPECIAL PROVISION (RECLAIMED STABILIZED BASE, PORTLAND CEMENT)	900.675	358
		750	750	TON	SPECIAL PROVISION (PORTLAND CEMENT FOR BASE STABILIZATION)	900.680	37
		700	700	CWT	SPECIAL PROVISION (FOG SEAL SURFACE TREATMENT)	900.683	31

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

QUANTITY SHEET #3

PROJECT NAME: WHITING - MIDDLEBURY

PROJECT NUMBER: STP 2629(I)

FILE NAME: p06c226.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
DWG. NO. p06c226quan3.i

PLOT DATE: 30-MAR-2012 14:13
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 14 OF 133

ITEM DETAIL SUMMARY SHEET

LOCATION			GUARDRAIL (GALVANIZED)				MISCELLANEOUS				REMARKS
			621.20	621.216	621.50	621.80	203.30	402.12	653.20	676.10	
BEGIN STATION	END STATION	POS.	STEEL BEAM GUARDRAIL, GALVANIZED	HD STEEL BEAM GUARDRAIL, GALV / NESTED	MANUFACTURED TERMINAL SECTION, FLARED	REMOVAL & DISPOSAL GUARDRAIL	EARTH BORROW	AGGREGATE SHOULDERS	TEMPORARY EROSION MATTING	DELINEATOR WITH STEEL POST	
			LF	LF	EA	LF	CY	TON	SY	EA	
WHITING:											
0+00.0	261+04.32	LT/RT						975			SPOT REPAIR & BACK UP SHOULDERS TO FULL HEIGHT AS DIRECTED BY RESIDENT ENGINEER.
CORNWALL:											
0+00.0	335+75.52	LT/RT						4593			SPOT REPAIR & BACK UP SHOULDERS TO FULL HEIGHT AS DIRECTED BY RESIDENT ENGINEER.
30+43.5	33+93.5	RT	~~250.0~~ 75	25.0 8 FT POST	2	165 115	~~50~~	0	50	2	INSTALL NEW MANUFACTURED TERMINAL SECTIONS, FLARED FROM STA 30+43.5 TO STA 30+81.0 & STA 33+56.0 TO STA 33+93.5. SEE SHEET 52 FOR STEEL BEAM GUARDRAIL AT SMALL CULVERT DETAIL.
31+18.5	34+68.5	LT	~~250.0~~ 25	25.0	2	127	~~50~~	0	50	2	INSTALL NEW MANUFACTURED TERMINAL SECTIONS, FLARED FROM STA 31+18.5 TO STA 31+56.0 & STA 34+31.0 TO STA 34+68.5. SEE SHEET 52 FOR STEEL BEAM GUARDRAIL AT SMALL CULVERT DETAIL.
46+30.56		LT					~~48~~	0			INTERSECTION RECONFIGURATION WORK FOR TH-28, TO BE USED AS DIRECTED BY THE RESIDENT ENGINEER.
111+53.0	114+40.5	RT	~~212.5~~ 175		2	240	~~50~~	0	50	2	INSTALL NEW MANUFACTURED TERMINAL SECTIONS, FLARED FROM STA 111+53.0 TO STA 111+90.5 & STA 114+03.0 TO STA 114+40.5.
111+65.5	115+03.0	LT	~~262.5~~ 137.5		2	216	~~50~~	0	50	2	INSTALL NEW MANUFACTURED TERMINAL SECTIONS, FLARED FROM STA 111+65.5 TO STA 112+03.0 & STA 114+65.5 TO STA 115+03.0.
144+86.0	148+86.0	RT	325.0		2	390	~~50~~	0	50	2	INSTALL NEW MANUFACTURED TERMINAL SECTIONS, FLARED FROM STA 144+86.0 TO STA 145+23.5 & STA 148+48.5 TO STA 148+86.0.
194+72.64		LT					~~59~~	0			INTERSECTION RECONFIGURATION WORK FOR VT. ROUTE 74, TO BE USED AS DIRECTED BY THE RESIDENT ENGINEER.
230+89.44		LT					~~46~~	0			INTERSECTION RECONFIGURATION WORK FOR TH-6, TO BE USED AS DIRECTED BY THE RESIDENT ENGINEER.
MIDDLEBURY:											
0+00.0	29+04.00	LT/RT						490			SPOT REPAIR & BACK UP SHOULDERS TO FULL HEIGHT AS DIRECTED BY RESIDENT ENGINEER.
SHEET SUBTOTALS:			~~1300.0~~	~~50.0~~	10	~~1138~~	~~403~~	~~6058~~	250	10	
ROUNDING:			50.0	-	-	~~12~~	~~22~~	~~42~~	-	-	
TOTALS:			~~1350~~ 662.5 6 FT POST	~~50~~ 25 8 FT POST	10	~~1150~~ 1125	~~425~~ 0	~~6100~~ 2206.3	250	10	

ITEM DETAIL SUMMARY SHEET

PROJECT NAME: WHITING - MIDDLEBURY

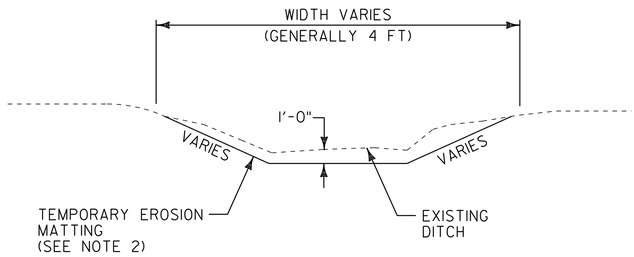
PROJECT NUMBER: STP 2629(1)

FILE NAME: p06c226.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
DWG. NO. p06c226ids.i

PLOT DATE: 30-MAR-2012 14:13
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 15 OF 133

LOCATION				FEET OF DITCHING				MISCELLANEOUS ITEMS		REMARKS
SITE	STATION	STATION	POS.	PERCENT GRADE				651.15 SEED	653.20 TEMP EROS MATT	
				0-1	1-2.5	2.5-10	>10			
VT. ROUTE 30								LB	SY	
WHITING:										
~~1~~	~~97+68~~	~~100+32~~	~~RT~~		~~264~~			2	117	
~~2~~	~~104+02~~	~~110+88~~	~~LT~~		~~686~~			5	305	
~~3~~	~~108+77~~	~~139+92~~	~~RT~~		~~3115~~			23	1385	
~~4~~	~~142+56~~	~~147+84~~	~~RT~~		~~528~~			4	235	
~~5~~	~~179+52~~	~~184+80~~	~~RT~~		~~528~~			4	235	
~~6~~	~~198+00~~	~~205+92~~	~~RT~~		~~792~~			6	352	
~~7~~	~~256+08~~	~~259+25~~	~~RT~~		~~317~~			2	141	
CORNWALL:										
~~8~~	~~5+28~~	~~10+56~~	~~RT~~		~~528~~			4	235	
	312+50	312+96			46					
	0+10	191+50			19140					
	4+72	54+00			4928					
	0+00	81+49			8149					
	81+81	116+14			3433					
	123+81	174+90			5109					
	206+00	214+00			800					
	282+00	289+00			700					
	282+00	311+00			2900					
	313+50	316+00			250					
	220+00	229+00			900					
	218+00	238+00			2000					
	257+00	273+00			1600					
	231+00	254+00			2800					
SUBTOTAL					~~6758~~			50	3005	
ROUNDINGS					~~42~~			-	-	
TOTALS					~~6800~~ 52820			50	3005	

LOCATION				FEET OF DITCHING				MISCELLANEOUS ITEMS		REMARKS
SITE	STATION	STATION	POS.	PERCENT GRADE				651.15 SEED	653.20 TEMP EROS MATT	
				0-1	1-2.5	2.5-10	>10			
								LB	SY	
W	0+00	75+00	LT		7500					
W	164+34	226+35	LT		6201					
W	20+00	75+00	RT		5500					
W	120+00	W165+00	RT		4500					
W	86+00	116+70	LT		3070					
W	251+91	261+04	LT		913					
W	150+00	164+34	LT		1434					
M	15+67	27+91	RT		1224					
M	3+00	26+00	LT		2300					
					32642					
					TOTAL 85462					



DITCH DETAIL

NOTES:

1. PIPE INLET AND OUTLET AREAS AND DITCH CLEANING THROUGHOUT THE PROJECT SHALL BE PERFORMED AT LOCATIONS IDENTIFIED ON THIS SHEET AND AS DIRECTED BY THE RESIDENT ENGINEER. PAYMENT WILL BE UNDER THE APPLICABLE EQUIPMENT RENTAL ITEM(S).
2. ESTIMATED QUANTITIES OF TEMPORARY EROSION MATTING AND SEED HAVE BEEN INCLUDED AS NEEDED OR AS DIRECTED BY THE RESIDENT ENGINEER.

NOT TO SCALE

DITCH CLEANING DETAIL SHEET

PROJECT NAME: WHITING - MIDDLEBURY

PROJECT NUMBER: STP 2629(I)

FILE NAME: p06c226.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
DWG. NO. p06c226dcd.i

PLOT DATE: 30-MAR-2012 14:13
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 16 OF 133

646.406 DURABLE 4 INCH WHITE LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WHITING:
STA 0+00.00 - STA 29+00.00 EDGE LINE LT & RT

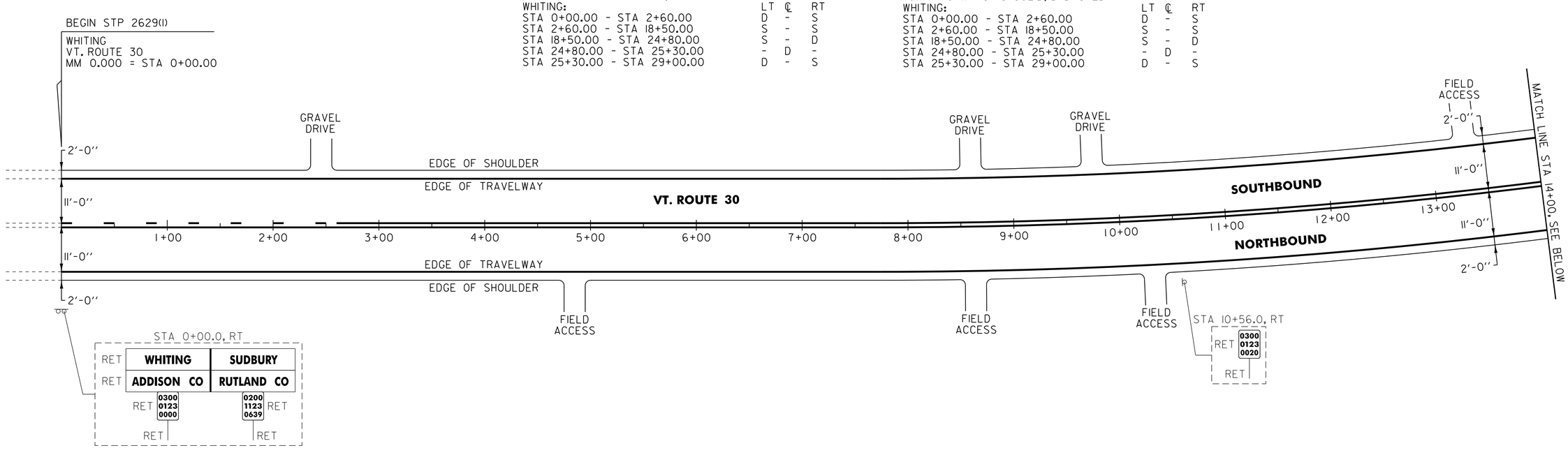
646.416 DURABLE 4 INCH YELLOW LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
WHITING:

	LT	℄	RT
STA 0+00.00 - STA 2+60.00	D	-	S
STA 2+60.00 - STA 18+50.00	S	-	S
STA 18+50.00 - STA 24+80.00	S	-	D
STA 24+80.00 - STA 25+30.00	-	D	-
STA 25+30.00 - STA 29+00.00	D	-	S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WHITING:
STA 0+00.00 - STA 29+00.00 EDGE LINE LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
WHITING:

	LT	℄	RT
STA 0+00.00 - STA 2+60.00	D	-	S
STA 2+60.00 - STA 18+50.00	S	-	S
STA 18+50.00 - STA 24+80.00	S	-	D
STA 24+80.00 - STA 25+30.00	-	D	-
STA 25+30.00 - STA 29+00.00	D	-	S



NOT TO SCALE

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

PROJECT LAYOUT SHEET #1

PROJECT NAME: WHITING - MIDDLEBURY
PROJECT NUMBER: STP 2629(I)

FILE NAME: p06c226.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
DWG. NO. p06c226101.i
PLOT DATE: 30-MAR-2012 14:13
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 17 OF 133

646.406 DURABLE 4 INCH WHITE LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WHITING:
STA 29+00.00 - STA 59+00.00 EDGE LINE LT & RT

646.416 DURABLE 4 INCH YELLOW LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

WHITING:	LT	℄	RT
STA 29+00.00 - STA 32+70.00	D	-	S
STA 32+70.00 - STA 59+00.00	S	-	S

STA 37+43.52 DOUBLE SOLID LT, TH-15
STA 37+43.52 DOUBLE SOLID LT, TH-15

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WHITING:
STA 29+00.00 - STA 59+00.00 EDGE LINE LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

WHITING:	LT	℄	RT
STA 29+00.00 - STA 32+70.00	D	-	S
STA 32+70.00 - STA 59+00.00	S	-	S

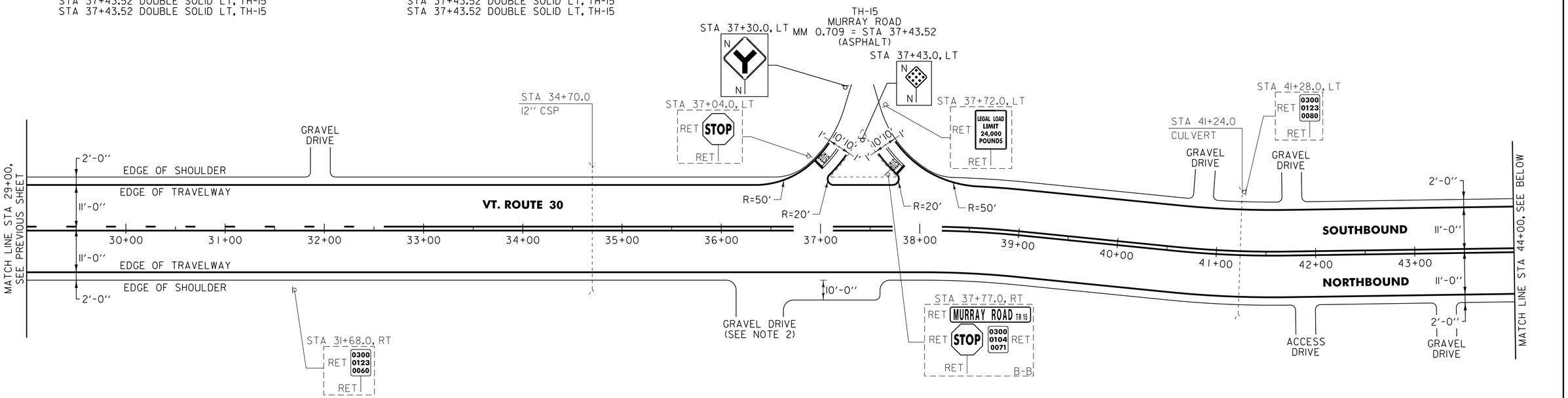
STA 37+43.52 DOUBLE SOLID LT, TH-15
STA 37+43.52 DOUBLE SOLID LT, TH-15

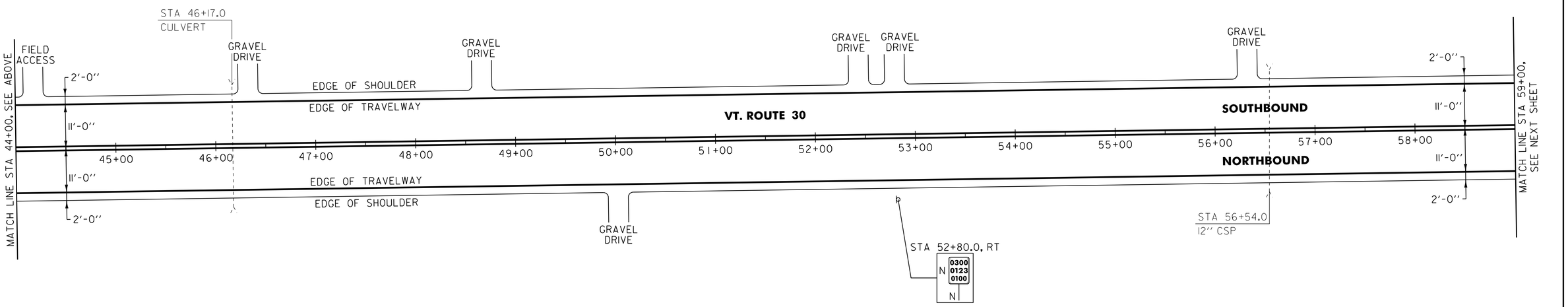
646.481 DURABLE 24 INCH STOP BAR, TYPE I TAPE
WHITING:
STA 37+43.52 LT, TH-15
STA 37+43.52 LT, TH-15

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
WHITING:
STA 37+43.52 LT, TH-15
STA 37+43.52 LT, TH-15

646.491 DURABLE LETTER OR SYMBOL, TYPE I TAPE
WHITING:
STA 37+43.52 LT, TH-15 "S,T,O,P" (4 EA)
STA 37+43.52 LT, TH-15 "S,T,O,P" (4 EA)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
WHITING:
STA 37+43.52 LT, TH-15 "S,T,O,P" (4 EA)
STA 37+43.52 LT, TH-15 "S,T,O,P" (4 EA)





NOTES:

1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM VT. ROUTE 30 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
2. THE CONTRACTOR SHALL PAVE THE EXISTING DRIVEWAY TO THE EDGE OF THE LAWN AS DIRECTED BY THE RESIDENT ENGINEER.

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

NOT TO SCALE

PROJECT LAYOUT SHEET #2

PROJECT NAME: WHITING - MIDDLEBURY
PROJECT NUMBER: STP 2629(I)

FILE NAME: p06c226.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
DWG. NO. p06c226102.1
PLOT DATE: 30-MAR-2012 14:13
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 18 OF 133

646.406 DURABLE 4 INCH WHITE LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WHITING:
STA 59+00.00 - STA 87+00.00 EDGE LINE LT & RT

646.416 DURABLE 4 INCH YELLOW LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

WHITING:	LT	℄	RT
STA 59+00.00 - STA 87+00.00	S	-	S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WHITING:
STA 59+00.00 - STA 87+00.00 EDGE LINE LT & RT

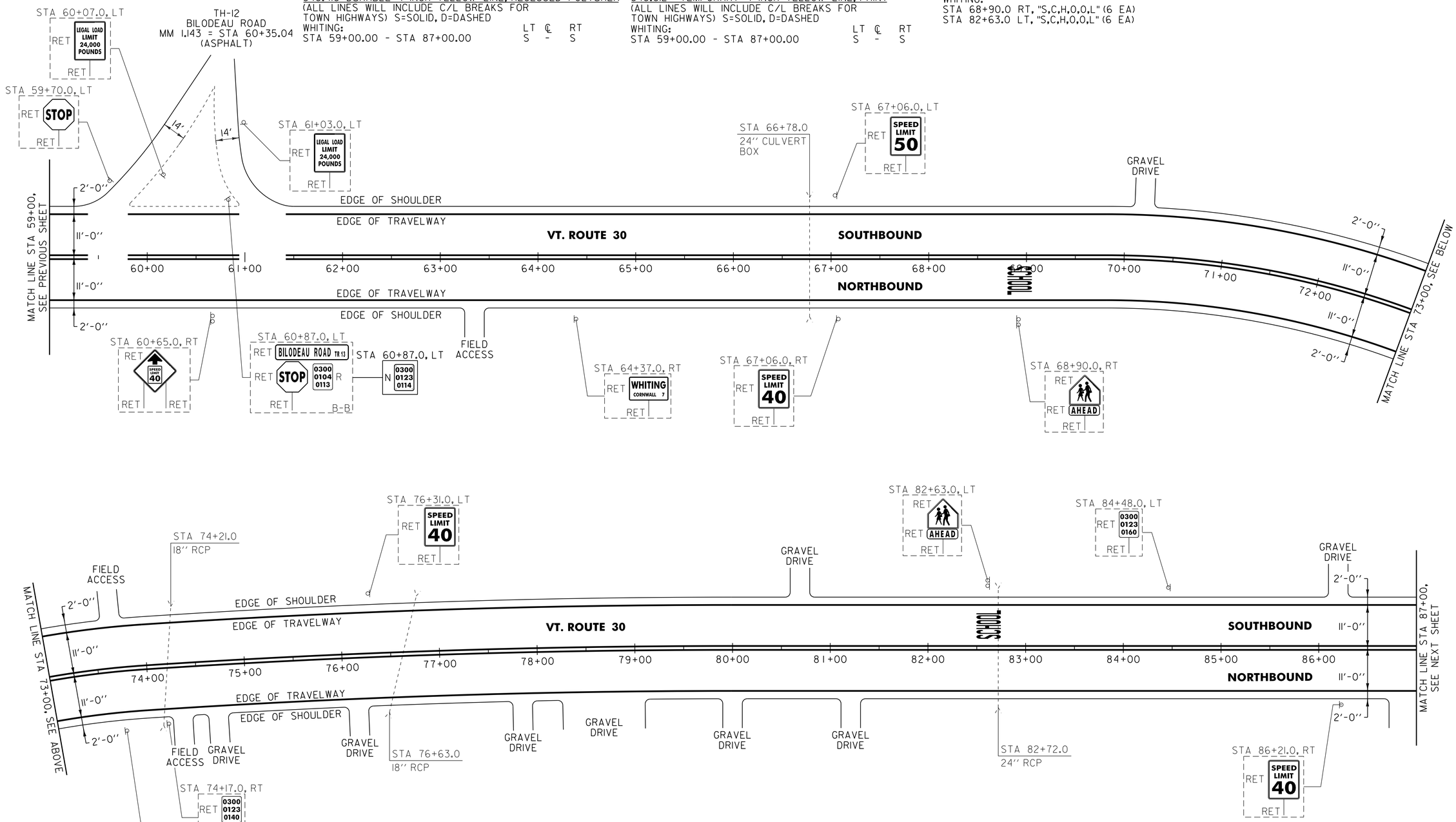
646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

WHITING:	LT	℄	RT
STA 59+00.00 - STA 87+00.00	S	-	S

646.491 DURABLE LETTER OR SYMBOL, TYPE I TAPE
WHITING:
STA 68+90.0 RT, "S,C,H,O,O,L" (6 EA)
STA 82+63.0 LT, "S,C,H,O,O,L" (6 EA)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
WHITING:
STA 68+90.0 RT, "S,C,H,O,O,L" (6 EA)
STA 82+63.0 LT, "S,C,H,O,O,L" (6 EA)

675.50 REMOVING SIGNS
AS SHOWN - 1



NOTE:

1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM VT. ROUTE 30 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.

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

NOT TO SCALE

PROJECT LAYOUT SHEET #3

PROJECT NAME: WHITING - MIDDLEBURY
PROJECT NUMBER: STP 2629(I)

FILE NAME: p06c226.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
DWG. NO. p06c226103.i
PLOT DATE: 30-MAR-2012 14:13
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 19 OF 133

646.406 DURABLE 4 INCH WHITE LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WHITING:
STA 87+00.00 - STA 117+00.00 EDGE LINE LT & RT

646.416 DURABLE 4 INCH YELLOW LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

WHITING:	LT	℄	RT
STA 87+00.00 - STA 116+20.00	S	-	S
STA 116+20.00 - STA 117+00.00	S	-	D

STA 97+68.00 DOUBLE SOLID LT, TH-I
STA 97+68.00 DOUBLE SOLID RT, TH-I

646.442 DURABLE 8 INCH WHITE LINE THERMOPLASTIC
WHITING:
STA 96+10.00 - STA 97+45.00 RT NO PARKING HATCHING (650.0 LF)

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WHITING:
STA 87+00.00 - STA 117+00.00 EDGE LINE LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

WHITING:	LT	℄	RT
STA 87+00.00 - STA 116+20.00	S	-	S
STA 116+20.00 - STA 117+00.00	S	-	D

STA 97+68.00 DOUBLE SOLID LT, TH-I
STA 97+68.00 DOUBLE SOLID RT, TH-I

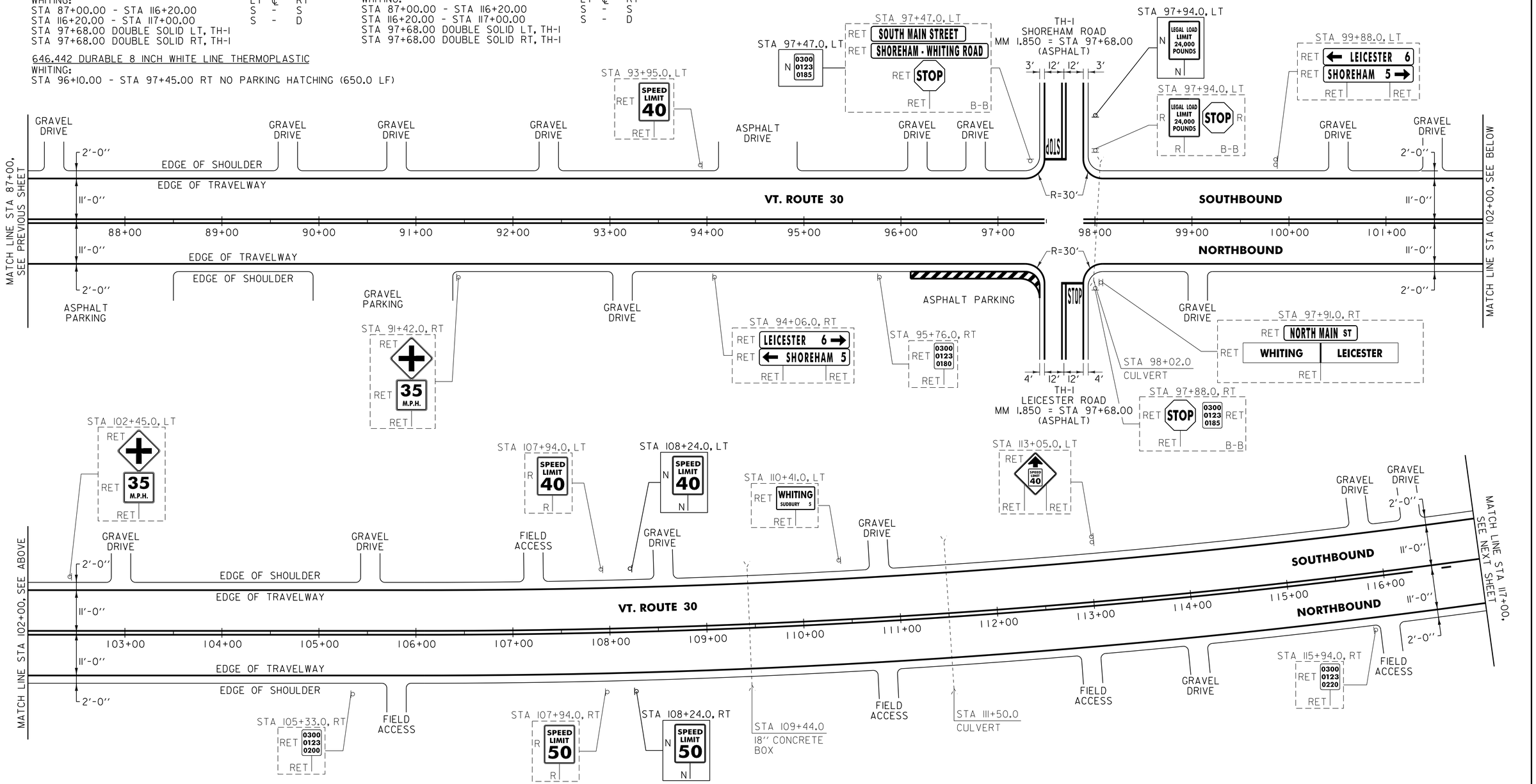
646.481 DURABLE 24 INCH STOP BAR, TYPE I TAPE
WHITING:
STA 97+68.00 LT, TH-I
STA 97+68.00 RT, TH-I

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
WHITING:
STA 97+68.00 LT, TH-I
STA 97+68.00 RT, TH-I

646.491 DURABLE LETTER OR SYMBOL, TYPE I TAPE
WHITING:
STA 97+68.00 LT, TH-I "S,T,O,P" (4 EA)
STA 97+68.00 RT, TH-I "S,T,O,P" (4 EA)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
WHITING:
STA 97+68.00 LT, TH-I "S,T,O,P" (4 EA)
STA 97+68.00 RT, TH-I "S,T,O,P" (4 EA)

675.50 REMOVING SIGNS
AS SHOWN - 4



NOTE:

1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM VT. ROUTE 30 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.

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

NOT TO SCALE

PROJECT LAYOUT SHEET #4

PROJECT NAME: WHITING - MIDDLEBURY
PROJECT NUMBER: STP 2629(I)

FILE NAME: p06c226.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
DWG. NO. p06c226104.i
PLOT DATE: 30-MAR-2012 14:13
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 20 OF 133

646.406 DURABLE 4 INCH WHITE LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WHITING:
STA 117+00.00 - STA 147+00.00 EDGE LINE LT & RT

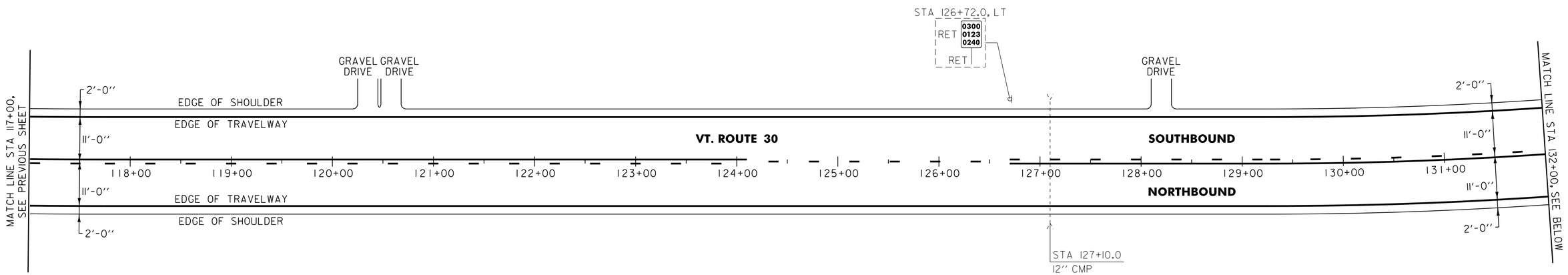
646.602 DURABLE 4 INCH WHITE LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WHITING:
STA 117+00.00 - STA 147+00.00 EDGE LINE LT & RT

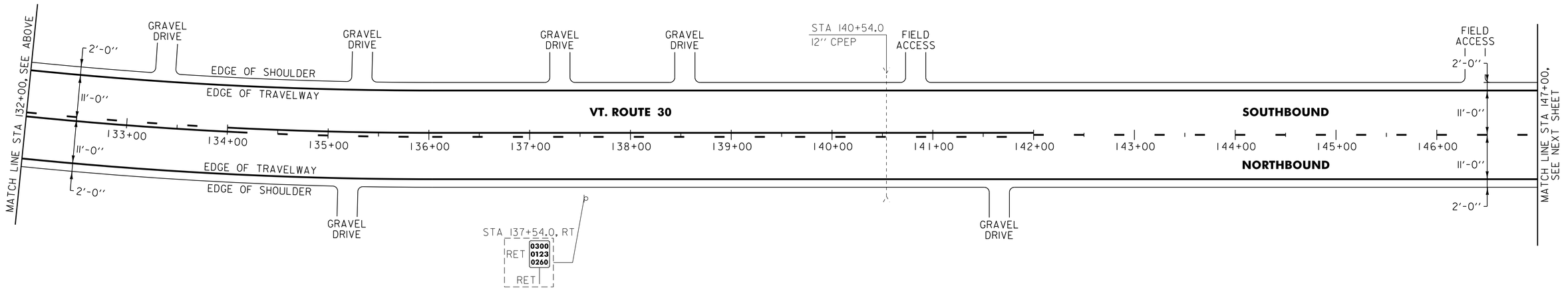
646.416 DURABLE 4 INCH YELLOW LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

WHITING:	LT	℄	RT
STA 117+00.00 - STA 124+10.00	S	-	D
STA 124+10.00 - STA 126+70.00	-	D	-
STA 126+70.00 - STA 134+10.00	D	-	S
STA 134+10.00 - STA 142+00.00	S	-	D
STA 142+00.00 - STA 147+00.00	-	D	-

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

WHITING:	LT	℄	RT
STA 117+00.00 - STA 124+10.00	S	-	D
STA 124+10.00 - STA 126+70.00	-	D	-
STA 126+70.00 - STA 134+10.00	D	-	S
STA 134+10.00 - STA 142+00.00	S	-	D
STA 142+00.00 - STA 147+00.00	-	D	-





NOT TO SCALE

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

PROJECT LAYOUT SHEET #5

PROJECT NAME: WHITING - MIDDLEBURY
PROJECT NUMBER: STP 2629(1)
FILE NAME: p06c226.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
DWG. NO. p06c226105.i
PLOT DATE: 30-MAR-2012 14:13
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 21 OF 133

646.406 DURABLE 4 INCH WHITE LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WHITING:
STA 147+00.00 - STA 177+00.00 EDGE LINE LT & RT

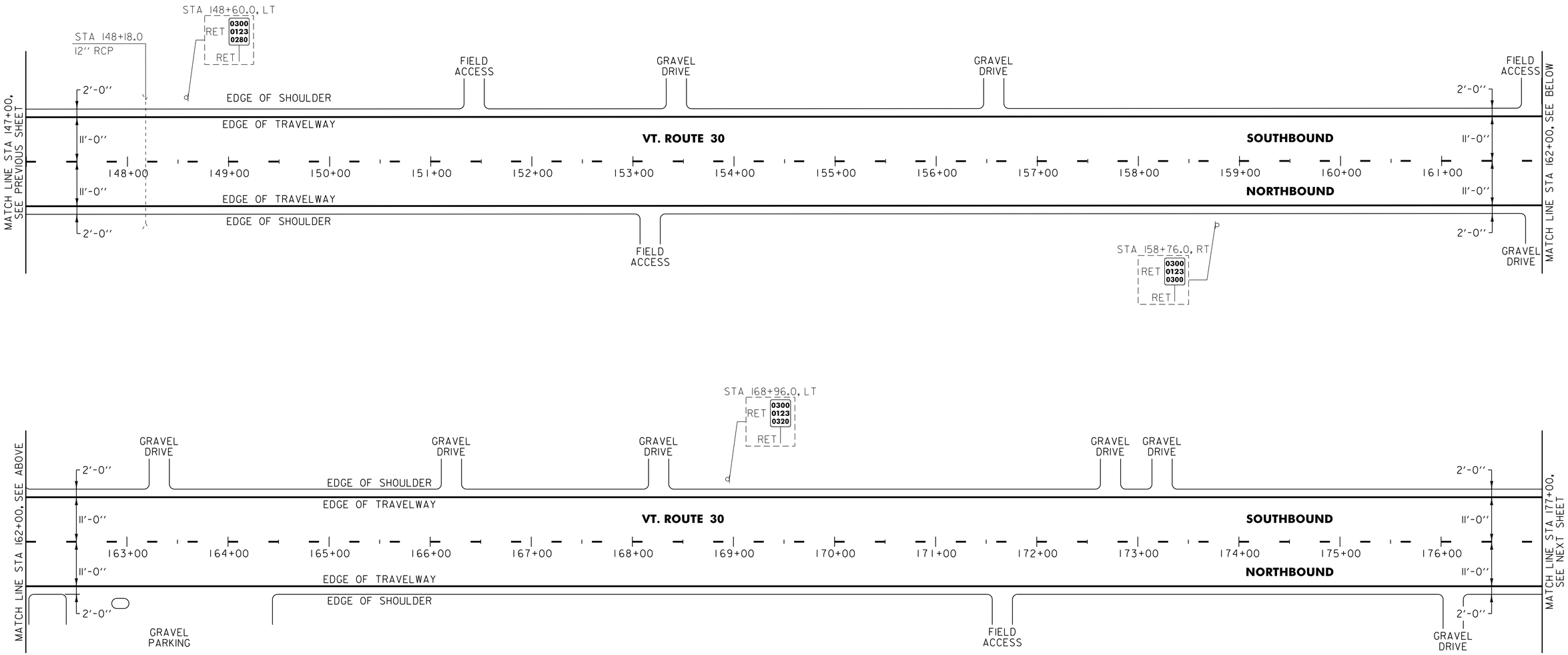
646.416 DURABLE 4 INCH YELLOW LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

WHITING:	LT	℄	RT
STA 147+00.00 - STA 177+00.00	-	D	-

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WHITING:
STA 147+00.00 - STA 177+00.00 EDGE LINE LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

WHITING:	LT	℄	RT
STA 147+00.00 - STA 177+00.00	-	D	-



NOT TO SCALE

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

PROJECT LAYOUT SHEET #6

PROJECT NAME: WHITING - MIDDLEBURY
PROJECT NUMBER: STP 2629(1)

FILE NAME: p06c226.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
DWG. NO. p06c226106.i
PLOT DATE: 30-MAR-2012 14:13
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 22 OF 133

646.406 DURABLE 4 INCH WHITE LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WHITING:
STA 177+00.00 - STA 207+00.00 EDGE LINE LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WHITING:
STA 177+00.00 - STA 207+00.00 EDGE LINE LT & RT

646.416 DURABLE 4 INCH YELLOW LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
WHITING:

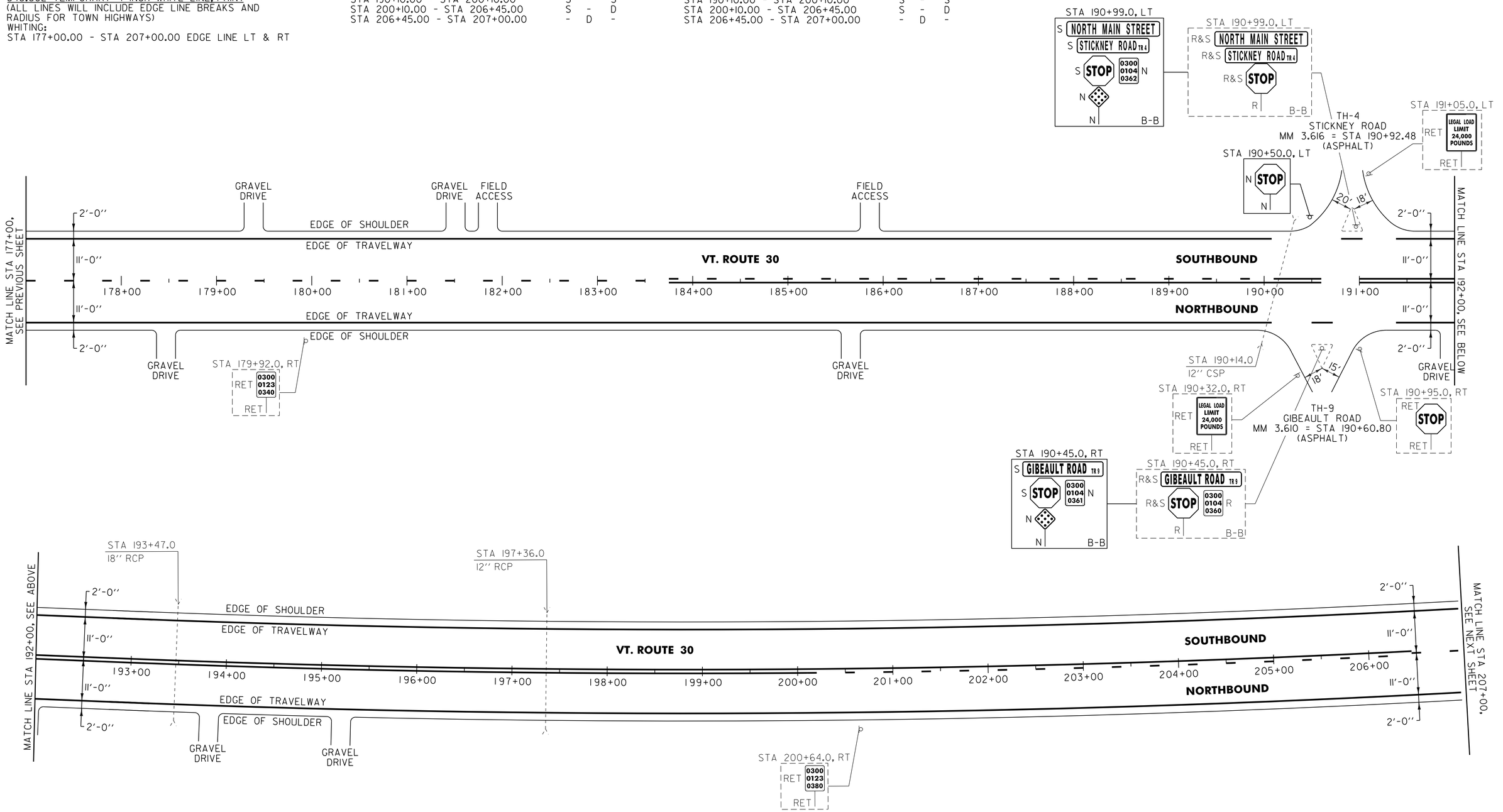
	LT	℄	RT
STA 177+00.00 - STA 183+75.00	-	D	-
STA 183+75.00 - STA 190+10.00	D	-	S
STA 190+10.00 - STA 200+10.00	S	-	S
STA 200+10.00 - STA 206+45.00	S	-	D
STA 206+45.00 - STA 207+00.00	-	D	-

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
WHITING:

	LT	℄	RT
STA 177+00.00 - STA 183+75.00	-	D	-
STA 183+75.00 - STA 190+10.00	D	-	S
STA 190+10.00 - STA 200+10.00	S	-	S
STA 200+10.00 - STA 206+45.00	S	-	D
STA 206+45.00 - STA 207+00.00	-	D	-

675.50 REMOVING SIGNS
AS SHOWN - 6

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 5



NOTE:

1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM VT. ROUTE 30 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.

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

NOT TO SCALE

PROJECT LAYOUT SHEET #7

PROJECT NAME: WHITING - MIDDLEBURY
PROJECT NUMBER: STP 2629(I)
FILE NAME: p06c226.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
DWG. NO. p06c226I07.I
PLOT DATE: 30-MAR-2012 14:13
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 23 OF 133

646.406 DURABLE 4 INCH WHITE LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WHITING:
STA 207+00.00 - STA 237+00.00 EDGE LINE LT & RT

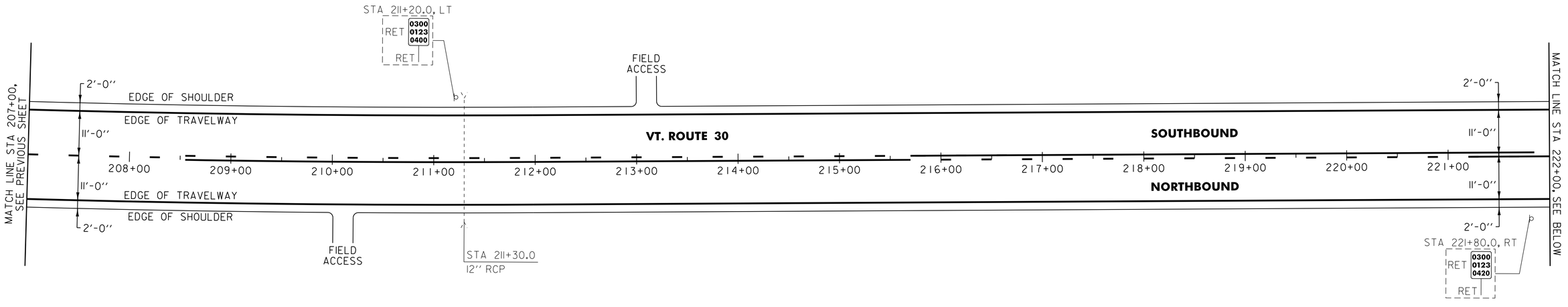
646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WHITING:
STA 207+00.00 - STA 237+00.00 EDGE LINE LT & RT

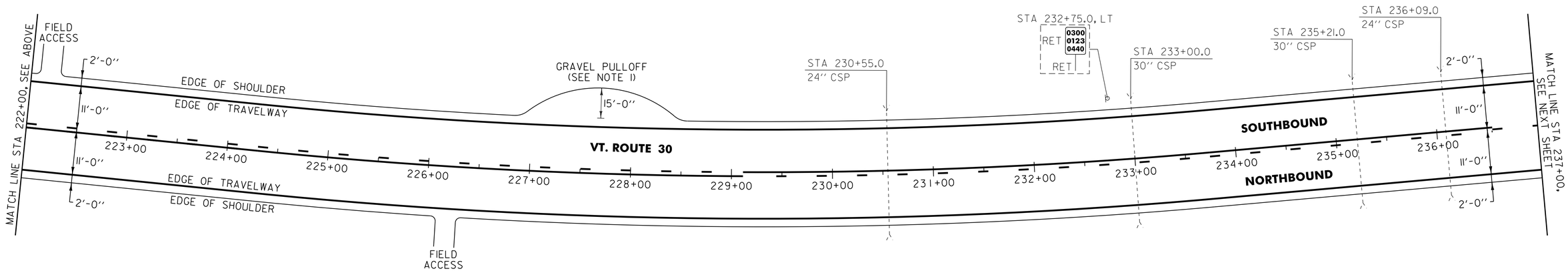
646.416 DURABLE 4 INCH YELLOW LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
WHITING:

	LT	℄	RT
STA 207+00.00 - STA 208+55.00	-	D	-
STA 208+55.00 - STA 215+70.00	D	-	S
STA 215+70.00 - STA 221+20.00	S	-	D
STA 221+20.00 - STA 221+75.00	S	-	S
STA 221+75.00 - STA 229+15.00	D	-	S
STA 229+15.00 - STA 236+55.00	S	-	D
STA 236+55.00 - STA 237+00.00	-	D	-

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
WHITING:

	LT	℄	RT
STA 207+00.00 - STA 208+55.00	-	D	-
STA 208+55.00 - STA 215+70.00	D	-	S
STA 215+70.00 - STA 221+20.00	S	-	D
STA 221+20.00 - STA 221+75.00	S	-	S
STA 221+75.00 - STA 229+15.00	D	-	S
STA 229+15.00 - STA 236+55.00	S	-	D
STA 236+55.00 - STA 237+00.00	-	D	-





NOTE:

1. PROVIDE A 5 FT WIDE, 1½" TYPE IVS APRON FOR THE EXISTING GRAVEL PULLOUT. ANY REQUIRED EXCAVATION SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER AND PAID FOR UNDER ITEM 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE I.

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

NOT TO SCALE

PROJECT LAYOUT SHEET #8

PROJECT NAME: WHITING - MIDDLEBURY
PROJECT NUMBER: STP 2629(1)

FILE NAME: p06c226.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
DWG. NO. p06c226108.1
PLOT DATE: 30-MAR-2012 14:13
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 24 OF 133

646.406 DURABLE 4 INCH WHITE LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WHITING:
STA 237+00.00 - STA 261+04.32 EDGE LINE LT & RT

CORNWALL:
STA 0+00.00 - STA 5+00.00 EDGE LINE LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WHITING:
STA 237+00.00 - STA 261+04.32 EDGE LINE LT & RT

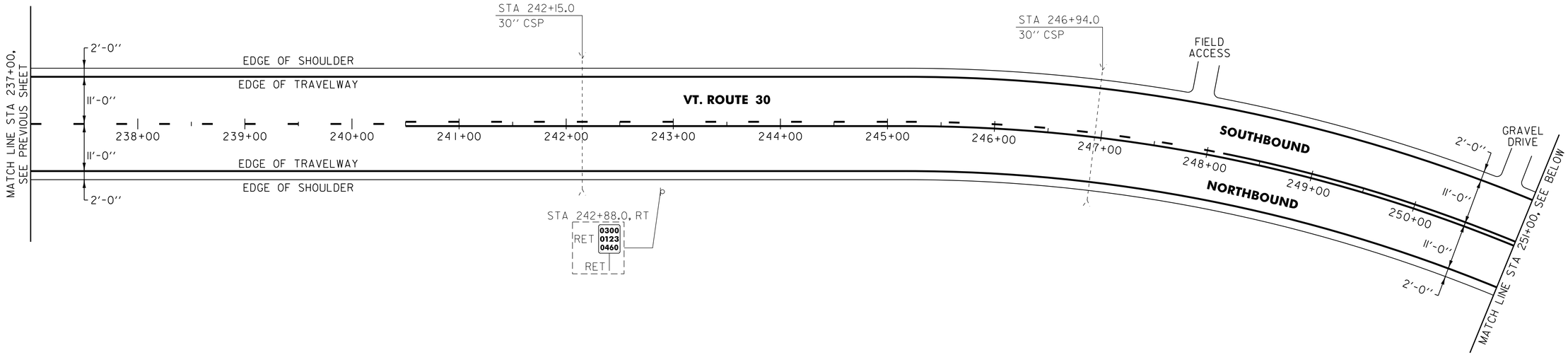
CORNWALL:
STA 0+00.00 - STA 5+00.00 EDGE LINE LT & RT

646.416 DURABLE 4 INCH YELLOW LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

WHITING:	LT	℄	RT
STA 237+00.00 - STA 240+50.00	-	D	-
STA 240+50.00 - STA 248+15.00	D	-	S
STA 248+15.00 - STA 261+04.32	S	-	S
CORNWALL:			
STA 0+00.00 - STA 5+00.00	S	-	S

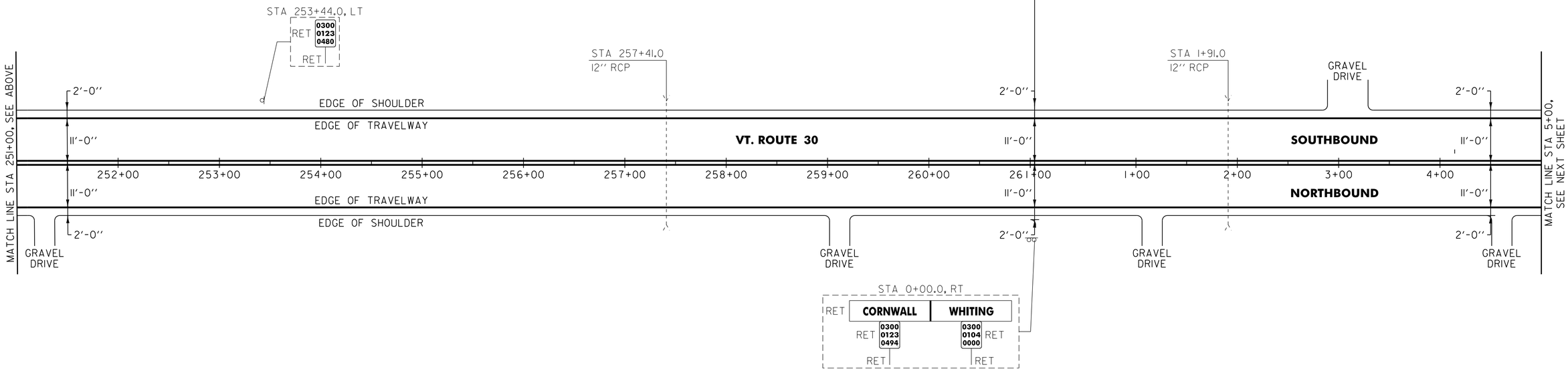
646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

WHITING:	LT	℄	RT
STA 237+00.00 - STA 240+50.00	-	D	-
STA 240+50.00 - STA 248+15.00	D	-	S
STA 248+15.00 - STA 261+04.32	S	-	S
CORNWALL:			
STA 0+00.00 - STA 5+00.00	S	-	S



MM 4.944 = STA 261+04.32
MM 0.000 = STA 0+00.00

WHITING	CORNWALL



NOT TO SCALE

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

PROJECT LAYOUT SHEET #9

PROJECT NAME: WHITING - MIDDLEBURY
PROJECT NUMBER: STP 2629(1)

FILE NAME: p06c226.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
DWG. NO. p06c226109.1
PLOT DATE: 30-MAR-2012 14:13
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 25 OF 133

646.406 DURABLE 4 INCH WHITE LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
CORNWALL:
STA 5+00.00 - STA 34+00.00 EDGE LINE LT & RT

646.416 DURABLE 4 INCH YELLOW LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

CORNWALL:	LT	℄	RT
STA 5+00.00 - STA 26+90.00	S	-	S
STA 26+90.00 - STA 34+00.00	S	-	D

STA 19+69.44 DOUBLE SOLID LT, TH-25
STA 23+49.60 DOUBLE SOLID RT, TH-3

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
CORNWALL:
STA 5+00.00 - STA 34+00.00 EDGE LINE LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

CORNWALL:	LT	℄	RT
STA 5+00.00 - STA 26+90.00	S	-	S
STA 26+90.00 - STA 34+00.00	S	-	D

STA 19+69.44 DOUBLE SOLID LT, TH-25
STA 23+49.60 DOUBLE SOLID RT, TH-3

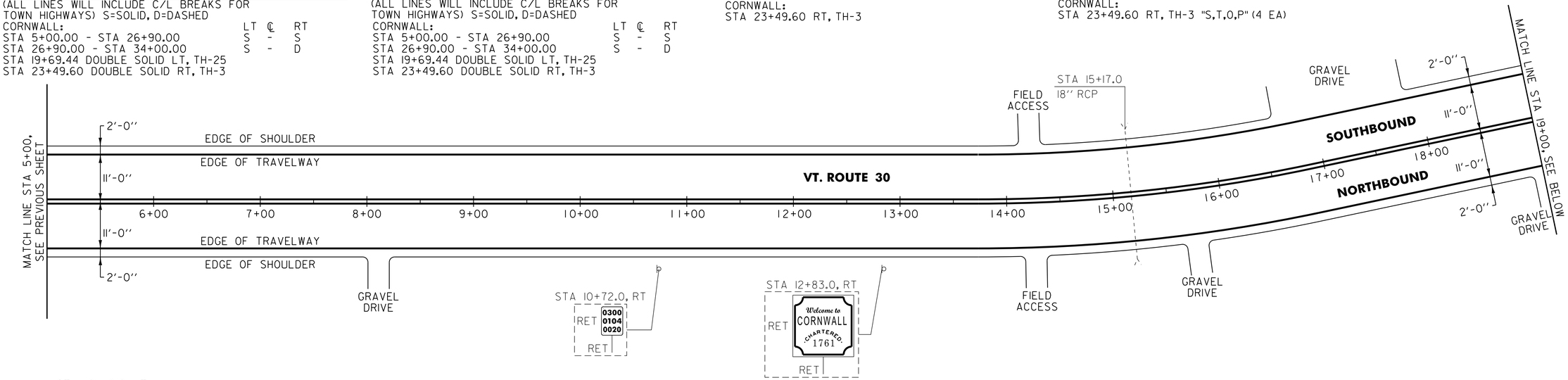
646.481 DURABLE 24 INCH STOP BAR, TYPE I TAPE
CORNWALL:
STA 19+69.44 LT, TH-25
STA 23+49.60 RT, TH-3

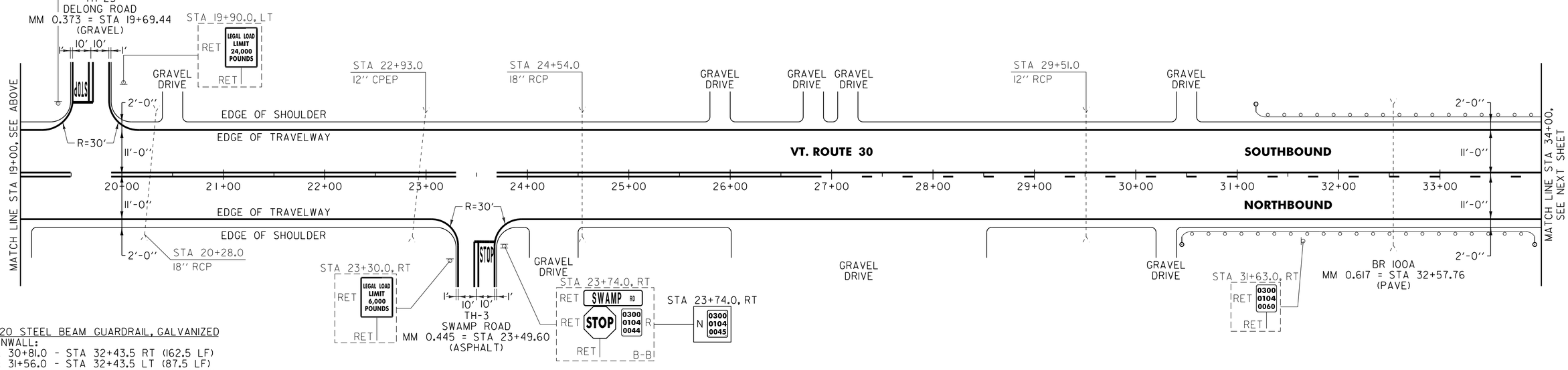
646.682 TEMPORARY 24 INCH STOP BAR, PAINT
CORNWALL:
STA 23+49.60 RT, TH-3

646.491 DURABLE LETTER OR SYMBOL, TYPE I TAPE
CORNWALL:
STA 19+69.44 LT, TH-25 "S,T,O,P" (4 EA)
STA 23+49.60 RT, TH-3 "S,T,O,P" (4 EA)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
CORNWALL:
STA 23+49.60 RT, TH-3 "S,T,O,P" (4 EA)

675.50 REMOVING SIGNS
AS SHOWN - 1





621.20 STEEL BEAM GUARDRAIL, GALVANIZED
CORNWALL:
STA 30+81.0 - STA 32+43.5 RT (162.5 LF)
STA 31+56.0 - STA 32+43.5 LT (87.5 LF)
STA 32+68.5 - STA 33+56.0 RT (87.5 LF)
STA 32+68.5 - STA 34+00.0 LT (131.5 LF)

621.216 HD STEEL BEAM GUARDRAIL, GALVANIZED NESTED
CORNWALL:
STA 32+43.5 - STA 32+68.5 RT (25.0 LF)
STA 32+43.5 - STA 32+68.5 LT (25.0 LF)

621.50 MANUFACTURED TERMINAL SECTION, FLARED
CORNWALL:
STA 30+43.5 - STA 30+81.0 RT
STA 31+18.5 - STA 31+56.0 LT
STA 33+56.0 - STA 33+93.5 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
CORNWALL:
STA 31+61.0 - STA 33+26.0 RT (165.0 LF)
STA 31+84.0 - STA 33+11.0 LT (127.0 LF)

676.10 DELINEATOR WITH STEEL POST
CORNWALL:
STA 30+43.5 RT
STA 31+18.5 LT
STA 33+93.5 RT

NOTE:

1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM VT. ROUTE 30 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.

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

NOT TO SCALE

PROJECT LAYOUT SHEET #10

PROJECT NAME: WHITING - MIDDLEBURY
PROJECT NUMBER: STP 2629(1)

FILE NAME: p06c226.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
DWG. NO. p06c226110.i
PLOT DATE: 30-MAR-2012 14:13
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 26 OF 133

646.406 DURABLE 4 INCH WHITE LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
CORNWALL:
STA 34+00.00 - STA 64+00.00 EDGE LINE LT & RT

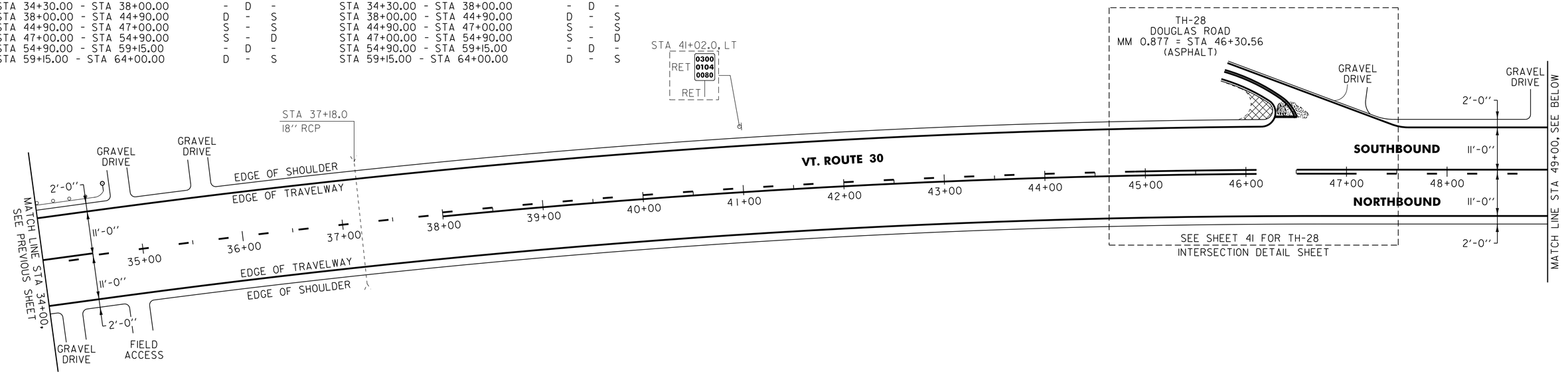
646.416 DURABLE 4 INCH YELLOW LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

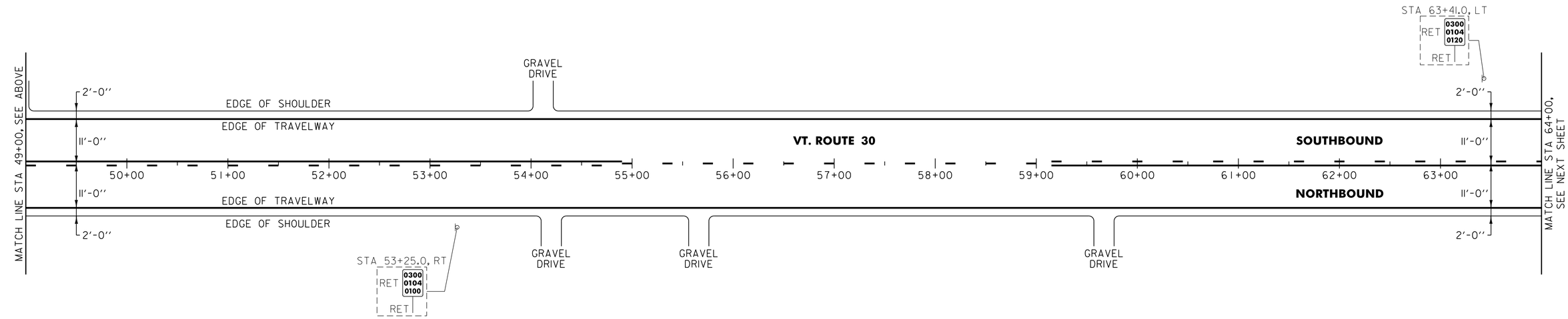
CORNWALL:	LT	℄	RT
STA 34+00.00 - STA 34+30.00	S	-	D
STA 34+30.00 - STA 38+00.00	-	D	-
STA 38+00.00 - STA 44+90.00	D	-	S
STA 44+90.00 - STA 47+00.00	S	-	S
STA 47+00.00 - STA 54+90.00	S	-	D
STA 54+90.00 - STA 59+15.00	-	D	-
STA 59+15.00 - STA 64+00.00	D	-	S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
CORNWALL:
STA 34+00.00 - STA 64+00.00 EDGE LINE LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

CORNWALL:	LT	℄	RT
STA 34+00.00 - STA 34+30.00	S	-	D
STA 34+30.00 - STA 38+00.00	-	D	-
STA 38+00.00 - STA 44+90.00	D	-	S
STA 44+90.00 - STA 47+00.00	S	-	S
STA 47+00.00 - STA 54+90.00	S	-	D
STA 54+90.00 - STA 59+15.00	-	D	-
STA 59+15.00 - STA 64+00.00	D	-	S





621.20 STEEL BEAM GUARDRAIL, GALVANIZED
CORNWALL:
STA 34+00.0 - STA 34+31.0 LT (31.0 LF)

621.50 MANUFACTURED TERMINAL SECTION, FLARED
CORNWALL:
STA 34+31.0 - STA 34+68.5 LT

676.10 DELINEATOR WITH STEEL POST
CORNWALL:
STA 34+68.5 LT

NOTE:

1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM VT. ROUTE 30 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.

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

NOT TO SCALE

PROJECT LAYOUT SHEET #11

PROJECT NAME: WHITING - MIDDLEBURY
PROJECT NUMBER: STP 2629(1)

FILE NAME: p06c226.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
DWG. NO. p06c226111.i
PLOT DATE: 30-MAR-2012 14:13
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 27 OF 133

646.406 DURABLE 4 INCH WHITE LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
CORNWALL:
STA 64+00.00 - STA 94+00.00 EDGE LINE LT & RT

646.416 DURABLE 4 INCH YELLOW LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

CORNWALL:	LT	℄	RT
STA 64+00.00 - STA 66+50.00	D	-	S
STA 66+50.00 - STA 94+00.00	S	-	S

STA 72+17.76 DOUBLE SOLID LT, TH-I

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
CORNWALL:
STA 64+00.00 - STA 94+00.00 EDGE LINE LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

CORNWALL:	LT	℄	RT
STA 64+00.00 - STA 66+50.00	D	-	S
STA 66+50.00 - STA 94+00.00	S	-	S

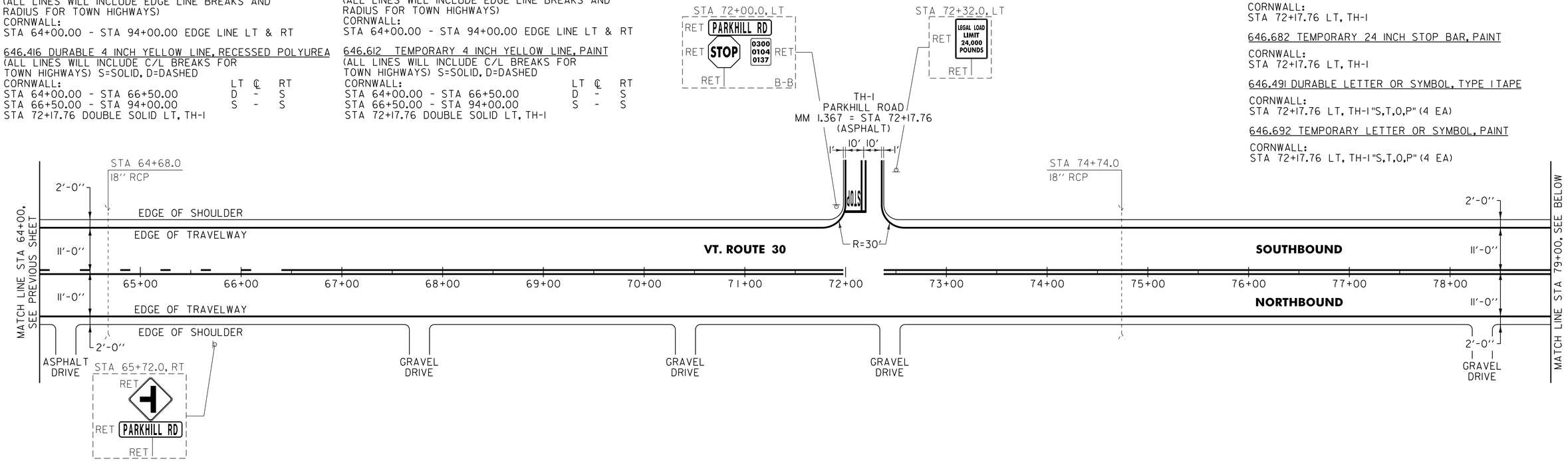
STA 72+17.76 DOUBLE SOLID LT, TH-I

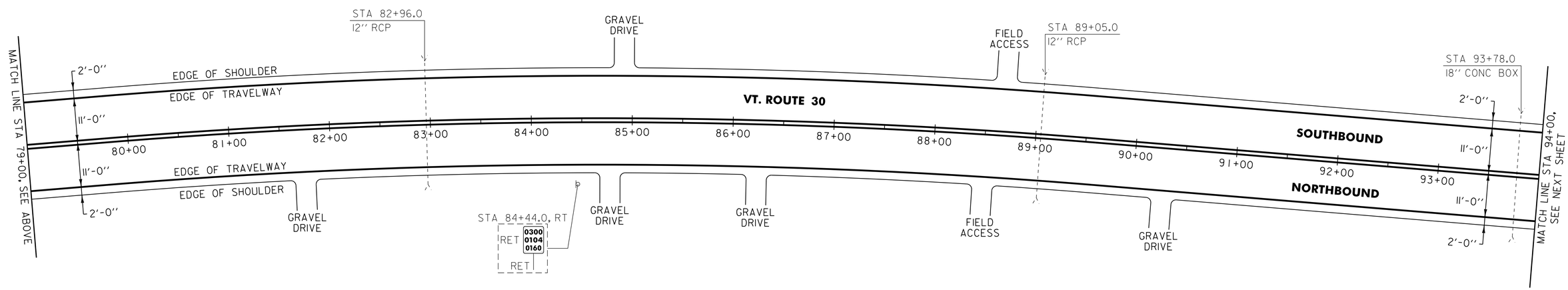
646.481 DURABLE 24 INCH STOP BAR, TYPE I TAPE
CORNWALL:
STA 72+17.76 LT, TH-I

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
CORNWALL:
STA 72+17.76 LT, TH-I

646.491 DURABLE LETTER OR SYMBOL, TYPE I TAPE
CORNWALL:
STA 72+17.76 LT, TH-I "S,T,0,P" (4 EA)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
CORNWALL:
STA 72+17.76 LT, TH-I "S,T,0,P" (4 EA)





NOTE:

1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM VT. ROUTE 30 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.

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

NOT TO SCALE

PROJECT LAYOUT SHEET #12

PROJECT NAME: WHITING - MIDDLEBURY
PROJECT NUMBER: STP 2629(1)

FILE NAME: p06c226.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
DWG. NO. p06c226112.1
PLOT DATE: 30-MAR-2012 14:13
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 28 OF 133

646.406 DURABLE 4 INCH WHITE LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
CORNWALL:
STA 94+00.00 - STA 124+00.00 EDGE LINE LT & RT

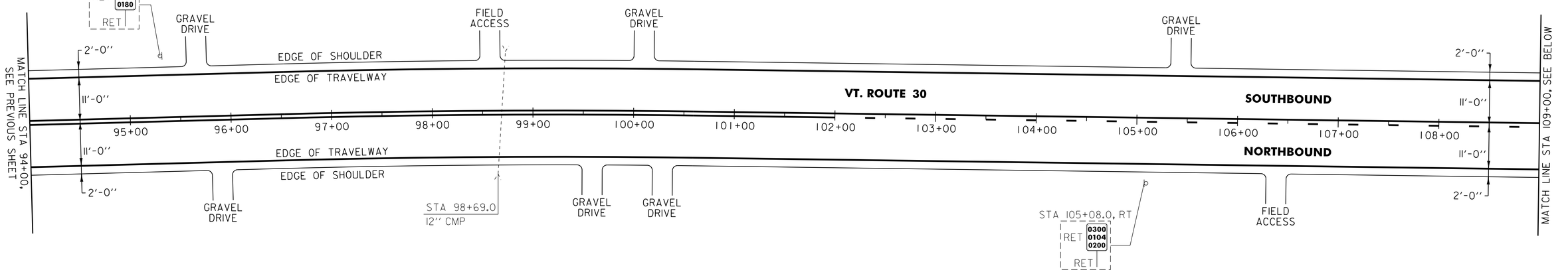
646.416 DURABLE 4 INCH YELLOW LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

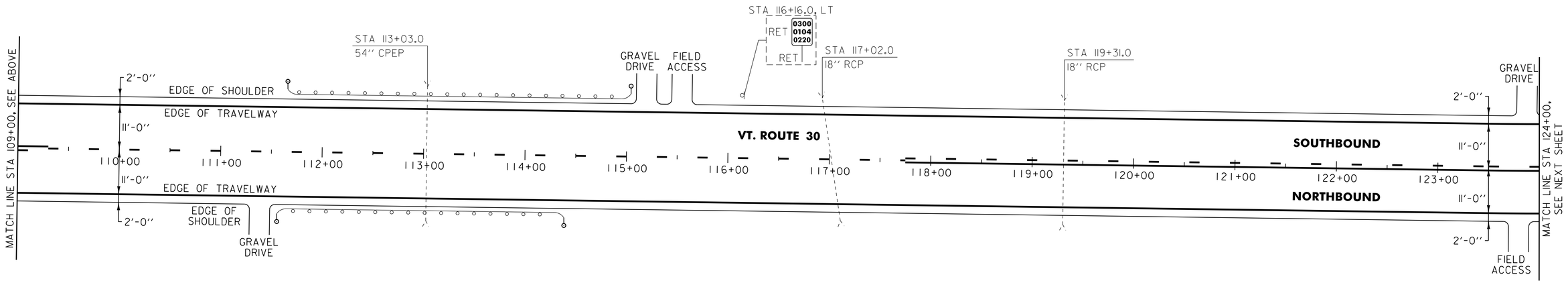
CORNWALL:	LT	℄	RT
STA 94+00.00 - STA 101+90.00	S	-	S
STA 101+90.00 - STA 109+30.00	S	-	D
STA 109+30.00 - STA 117+75.00	-	D	-
STA 117+75.00 - STA 124+00.00	D	-	S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
CORNWALL:
STA 94+00.00 - STA 124+00.00 EDGE LINE LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

CORNWALL:	LT	℄	RT
STA 94+00.00 - STA 101+90.00	S	-	S
STA 101+90.00 - STA 109+30.00	S	-	D
STA 109+30.00 - STA 117+75.00	-	D	-
STA 117+75.00 - STA 124+00.00	D	-	S





621.20 STEEL BEAM GUARDRAIL, GALVANIZED
CORNWALL:
STA 111+90.5 - STA 114+03.0 RT (212.5 LF)
STA 112+03.0 - STA 114+65.5 LT (262.5 LF)

621.50 MANUFACTURED TERMINAL SECTION, FLARED
CORNWALL:
STA 111+53.0 - STA 111+90.5 RT
STA 111+65.5 - STA 112+03.0 LT
STA 114+03.0 - STA 114+40.5 RT
STA 114+65.5 - STA 115+03.0 LT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
CORNWALL:
STA 111+81.0 - STA 113+97.0 LT (216.0 LF)
STA 111+86.0 - STA 114+26.0 RT (240.0 LF)

676.10 DELINEATOR WITH STEEL POST
CORNWALL:
STA 111+53.0 RT
STA 111+65.5 LT
STA 114+40.5 RT
STA 115+03.0 LT

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

NOT TO SCALE

PROJECT LAYOUT SHEET #13

PROJECT NAME: WHITING - MIDDLEBURY
PROJECT NUMBER: STP 2629(1)

FILE NAME: p06c226.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
DWG. NO. p06c226113.1
PLOT DATE: 30-MAR-2012 14:13
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 29 OF 133

646.406 DURABLE 4 INCH WHITE LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
CORNWALL:
STA 124+00.00 - STA 153+00.00 EDGE LINE LT & RT

646.416 DURABLE 4 INCH YELLOW LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

CORNWALL:	LT	℄	RT
STA 124+00.00 - STA 125+65.00	D	-	S
STA 125+65.00 - STA 153+00.00	S	-	S

STA 135+37.92 DOUBLE SOLID LT, TH-21

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
CORNWALL:
STA 124+00.00 - STA 153+00.00 EDGE LINE LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

CORNWALL:	LT	℄	RT
STA 124+00.00 - STA 125+65.00	D	-	S
STA 125+65.00 - STA 153+00.00	S	-	S

STA 135+37.92 DOUBLE SOLID LT, TH-21

646.481 DURABLE 24 INCH STOP BAR, TYPE I TAPE
CORNWALL:
STA 135+37.92 LT, TH-21

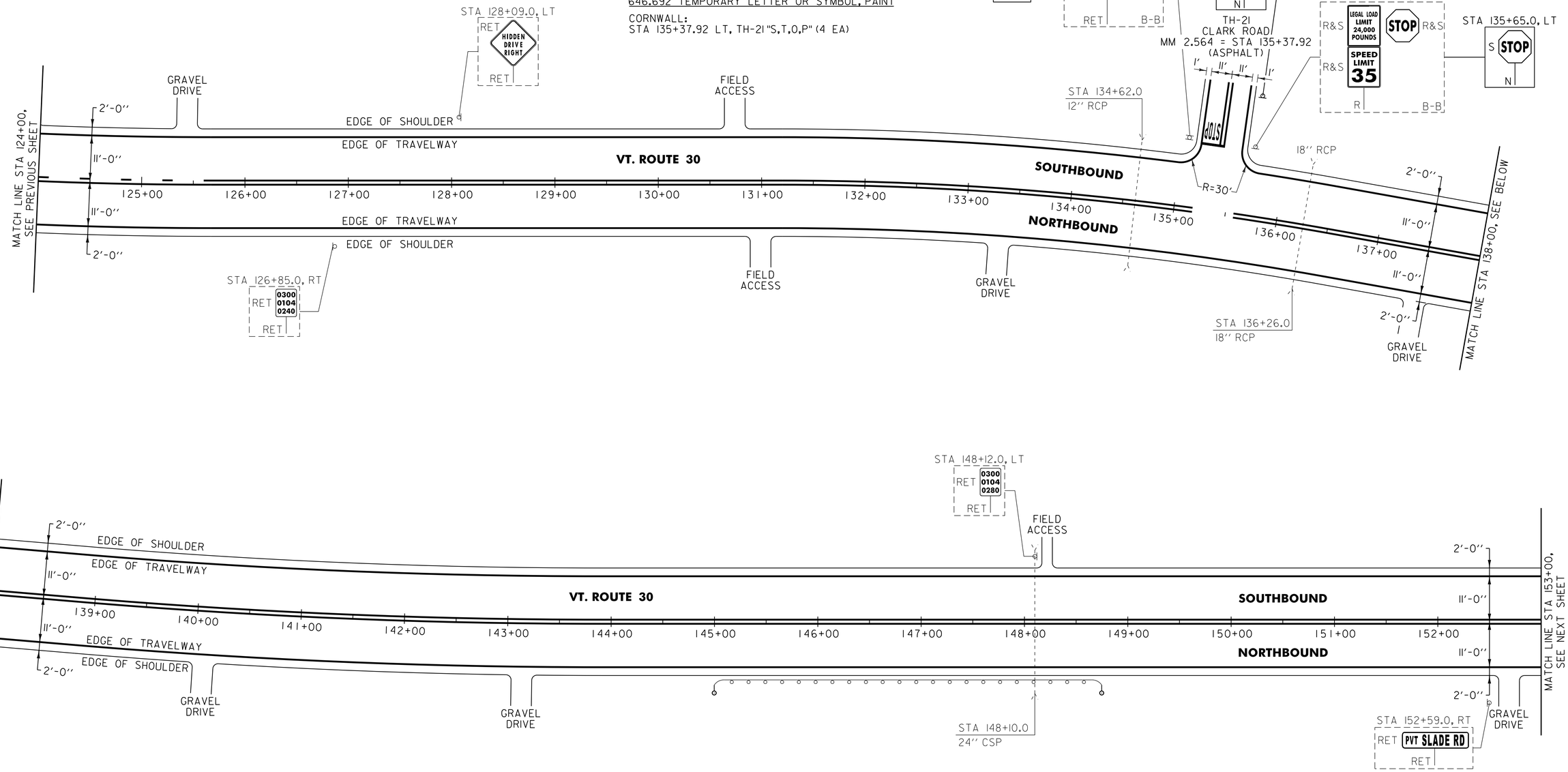
646.682 TEMPORARY 24 INCH STOP BAR, PAINT
CORNWALL:
STA 135+37.92 LT, TH-21

646.491 DURABLE LETTER OR SYMBOL, TYPE I TAPE
CORNWALL:
STA 135+37.92 LT, TH-21 "S,T,0,P" (4 EA)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
CORNWALL:
STA 135+37.92 LT, TH-21 "S,T,0,P" (4 EA)

675.50 REMOVING SIGNS
AS SHOWN - 4

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 3



NOT TO SCALE

621.20 STEEL BEAM GUARDRAIL, GALVANIZED
CORNWALL:
STA 145+23.5 - STA 148+48.5 RT (325.0 LF)

621.50 MANUFACTURED TERMINAL SECTION, FLARED
CORNWALL:
STA 144+86.0 - STA 145+23.5 RT
STA 148+48.5 - STA 148+86.0 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
CORNWALL:
STA 144+91.0 - STA 148+81.0 RT (390.0 LF)

676.10 DELINEATOR WITH STEEL POST
CORNWALL:
STA 144+86.0 RT
STA 148+86.0 RT

NOTE:

1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM VT. ROUTE 30 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.

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

PROJECT LAYOUT SHEET #14

PROJECT NAME: WHITING - MIDDLEBURY
PROJECT NUMBER: STP 2629(1)

FILE NAME: p06c226.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
DWG. NO. p06c226114.1
PLOT DATE: 30-MAR-2012 14:13
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 30 OF 133

646.406 DURABLE 4 INCH WHITE LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
CORNWALL:
STA 153+00.00 - STA 183+00.00 EDGE LINE LT & RT

646.416 DURABLE 4 INCH YELLOW LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

CORNWALL:	LT	℄	RT
STA 153+00.00 - STA 167+10.00	S	-	S
STA 167+10.00 - STA 175+00.00	S	-	D
STA 175+00.00 - STA 180+60.00	-	D	-
STA 180+60.00 - STA 183+00.00	D	-	S

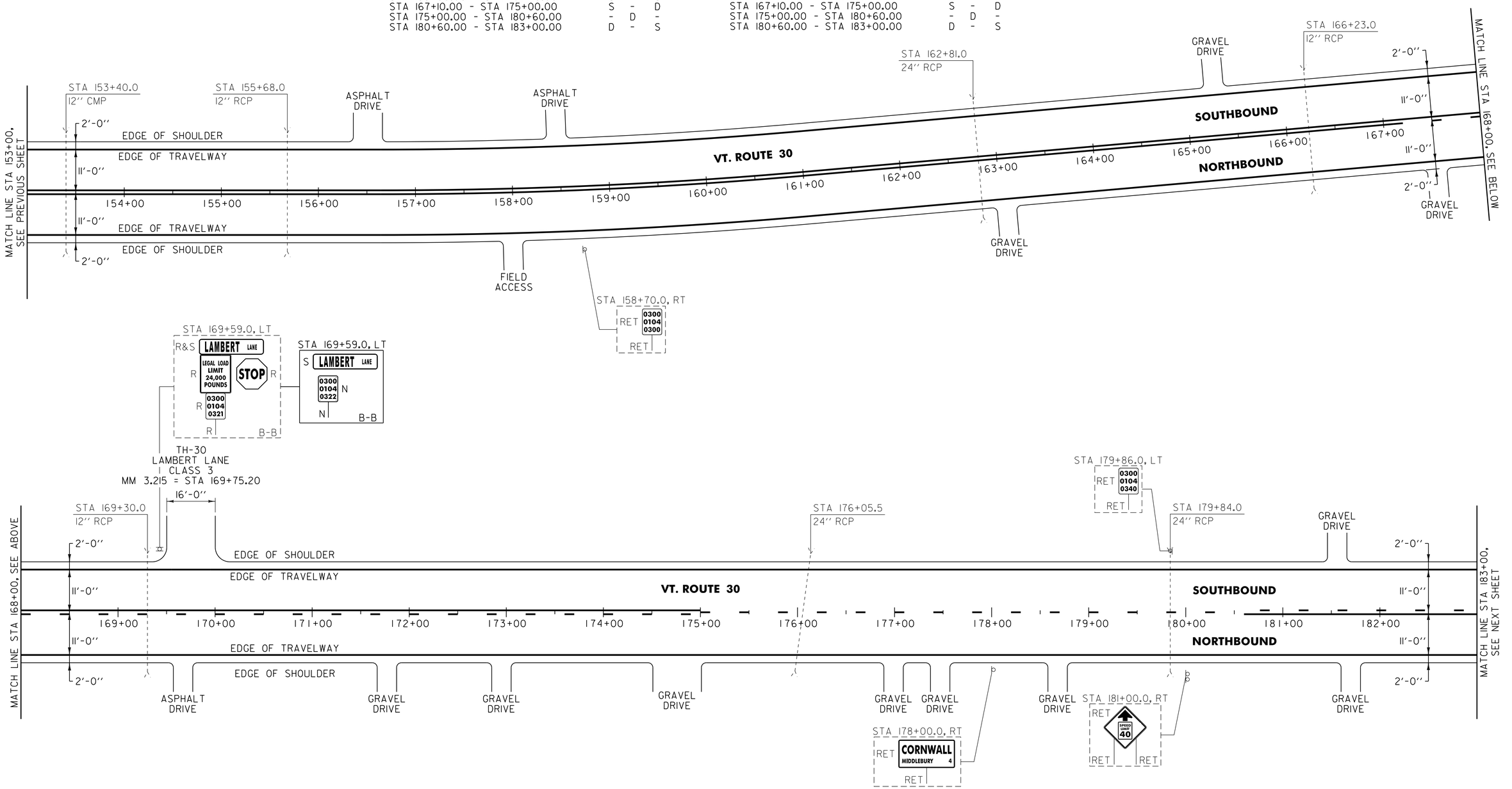
646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
CORNWALL:
STA 153+00.00 - STA 183+00.00 EDGE LINE LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

CORNWALL:	LT	℄	RT
STA 153+00.00 - STA 167+10.00	S	-	S
STA 167+10.00 - STA 175+00.00	S	-	D
STA 175+00.00 - STA 180+60.00	-	D	-
STA 180+60.00 - STA 183+00.00	D	-	S

675.50 REMOVING SIGNS
AS SHOWN - 4

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 1



NOT TO SCALE

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

PROJECT LAYOUT SHEET #15

PROJECT NAME: WHITING - MIDDLEBURY
PROJECT NUMBER: STP 2629(I)

FILE NAME: p06c226.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
DWG. NO. p06c226115.i
PLOT DATE: 30-MAR-2012 14:13
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 31 OF 133

646.406 DURABLE 4 INCH WHITE LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
CORNWALL:
STA 183+00.00 - STA 197+00.00 EDGE LINE LT & RT

646.416 DURABLE 4 INCH YELLOW LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

CORNWALL:	LT	℄	RT
STA 183+00.00 - STA 184+80.00	D	-	S
STA 184+80.00 - STA 197+00.00	S	-	S

STA 185+06.40 DOUBLE SOLID RT, TH-19

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
CORNWALL:
STA 183+00.00 - STA 197+00.00 EDGE LINE LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

CORNWALL:	LT	℄	RT
STA 183+00.00 - STA 184+80.00	D	-	S
STA 184+80.00 - STA 197+00.00	S	-	S

STA 185+06.40 DOUBLE SOLID RT, TH-19

646.481 DURABLE 24 INCH STOP BAR, TYPE I TAPE

CORNWALL:
STA 185+06.40 RT, TH-19

646.682 TEMPORARY 24 INCH STOP BAR, PAINT

CORNWALL:
STA 185+06.40 RT, TH-19

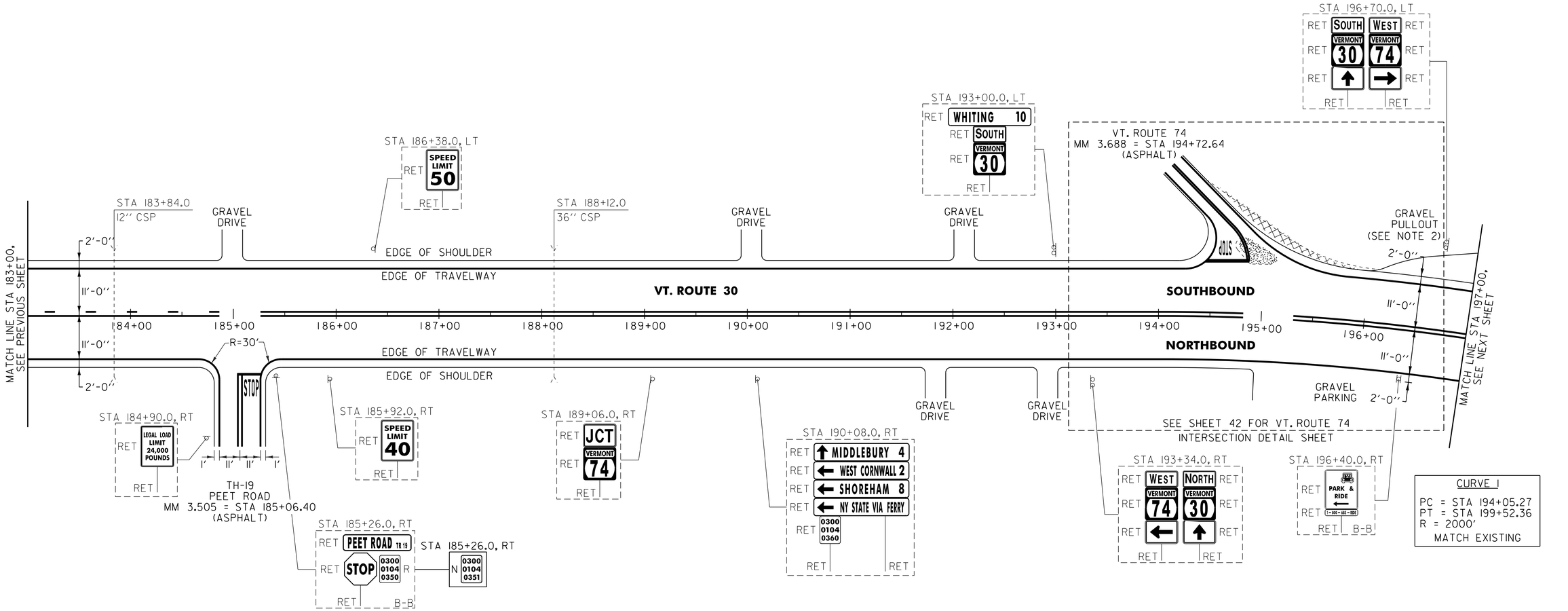
646.491 DURABLE LETTER OR SYMBOL, TYPE I TAPE

CORNWALL:
STA 185+06.40 RT, TH-19 "S,T,O,P" (4 EA)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT

CORNWALL:
STA 185+06.40 RT, TH-19 "S,T,O,P" (4 EA)

675.50 REMOVING SIGNS
AS SHOWN - 1



CURVE 1
PC = STA 194+05.27
PT = STA 199+52.36
R = 2000'
MATCH EXISTING

NOTES:

1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM VT. ROUTE 30 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
2. PROVIDE A 5 FT WIDE, 1½" TYPE IVS APRON FOR THE EXISTING GRAVEL PULLOUT. ANY REQUIRED EXCAVATION SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER AND PAID FOR UNDER ITEM 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE I.

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

NOT TO SCALE

PROJECT LAYOUT SHEET #16

PROJECT NAME: WHITING - MIDDLEBURY
PROJECT NUMBER: STP 2629(I)

FILE NAME: p06c226.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
DWG. NO. p06c226116.i
PLOT DATE: 30-MAR-2012 14:13
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 32 OF 133

646.406 DURABLE 4 INCH WHITE LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
CORNWALL:
STA 197+00.00 - STA 212+00.00 EDGE LINE LT & RT

646.416 DURABLE 4 INCH YELLOW LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

CORNWALL:	LT	℄	RT
STA 197+00.00 - STA 212+00.00	S	-	S

STA 205+60.32 DOUBLE SOLID RT, TH-24

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
CORNWALL:
STA 197+00.00 - STA 212+00.00 EDGE LINE LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

CORNWALL:	LT	℄	RT
STA 197+00.00 - STA 212+00.00	S	-	S

STA 205+60.32 DOUBLE SOLID RT, TH-24

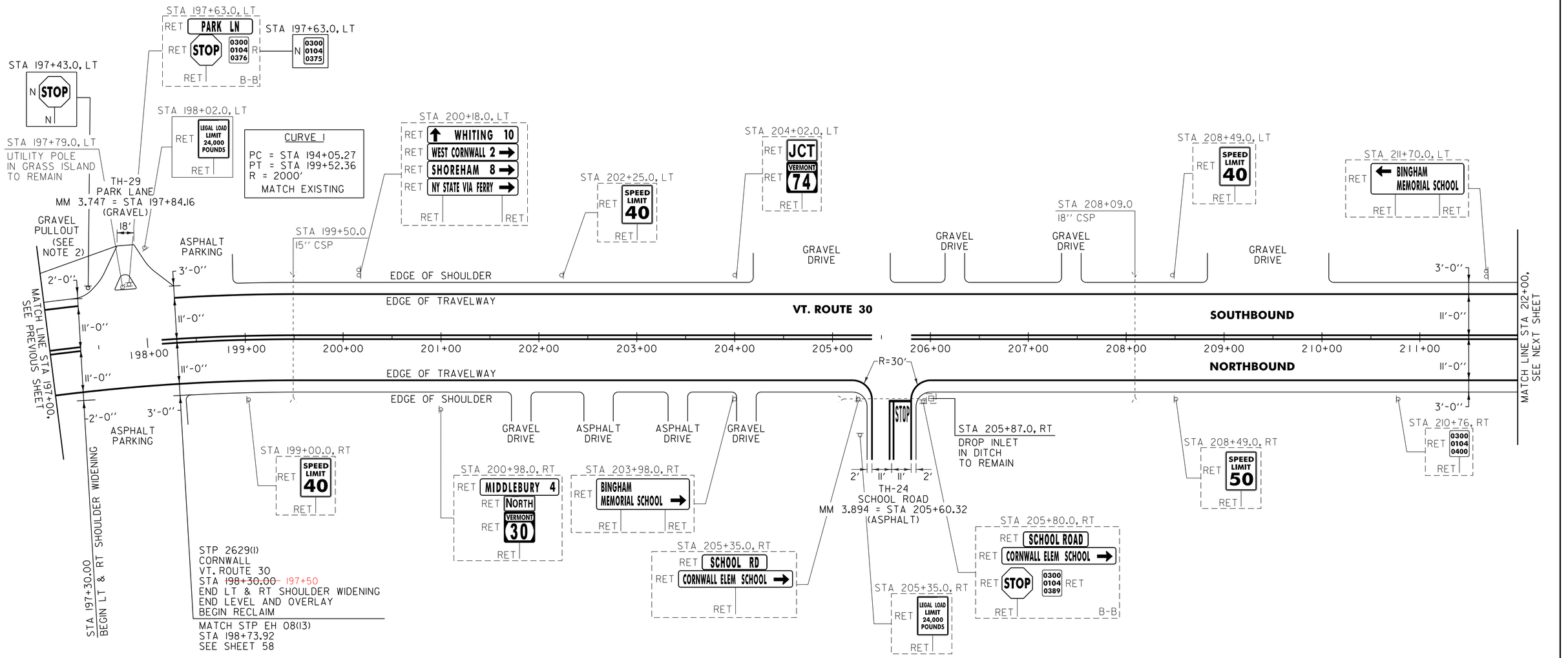
646.481 DURABLE 24 INCH STOP BAR, TYPE I TAPE
CORNWALL:
STA 205+60.32 RT, TH-24

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
CORNWALL:
STA 205+60.32 RT, TH-24

646.491 DURABLE LETTER OR SYMBOL, TYPE I TAPE
CORNWALL:
STA 205+60.32 RT, TH-24 "S,T,O,P" (4 EA)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
CORNWALL:
STA 205+60.32 RT, TH-24 "S,T,O,P" (4 EA)

675.50 REMOVING SIGNS
AS SHOWN - I



NOTES:

1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM VT. ROUTE 30 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
2. PROVIDE A 5 FT WIDE, 1½'' TYPE IVS APRON FOR THE EXISTING GRAVEL PULLOUT. ANY REQUIRED EXCAVATION SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER AND PAID FOR UNDER ITEM 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE I.
3. UNDERGROUND TELEPHONE UTILITIES TO BE RELOCATED AERIALLY BY OTHERS UNDER STP EH 08(13) PRIOR TO ANY RECLAIM OPERATIONS.

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

AREA OF RECLAIMED STABILIZED BASE

NOT TO SCALE

PROJECT LAYOUT SHEET #17

PROJECT NAME: WHITING - MIDDLEBURY
PROJECT NUMBER: STP 2629(I)

FILE NAME: p06c226.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
DWG. NO. p06c226ll7.i
PLOT DATE: 30-MAR-2012 14:13
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 33 OF 133

646.406 DURABLE 4 INCH WHITE LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
CORNWALL:
STA 212+00.00 - STA 241+00.00 EDGE LINE LT & RT

646.416 DURABLE 4 INCH YELLOW LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

CORNWALL:	LT	℄	RT
STA 212+00.00 - STA 241+00.00	S	-	S
STA 220+44.00 DOUBLE SOLID RT, TH-18			

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
CORNWALL:
STA 212+00.00 - STA 241+00.00 EDGE LINE LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

CORNWALL:	LT	℄	RT
STA 212+00.00 - STA 241+00.00	S	-	S
STA 220+44.00 DOUBLE SOLID RT, TH-18			

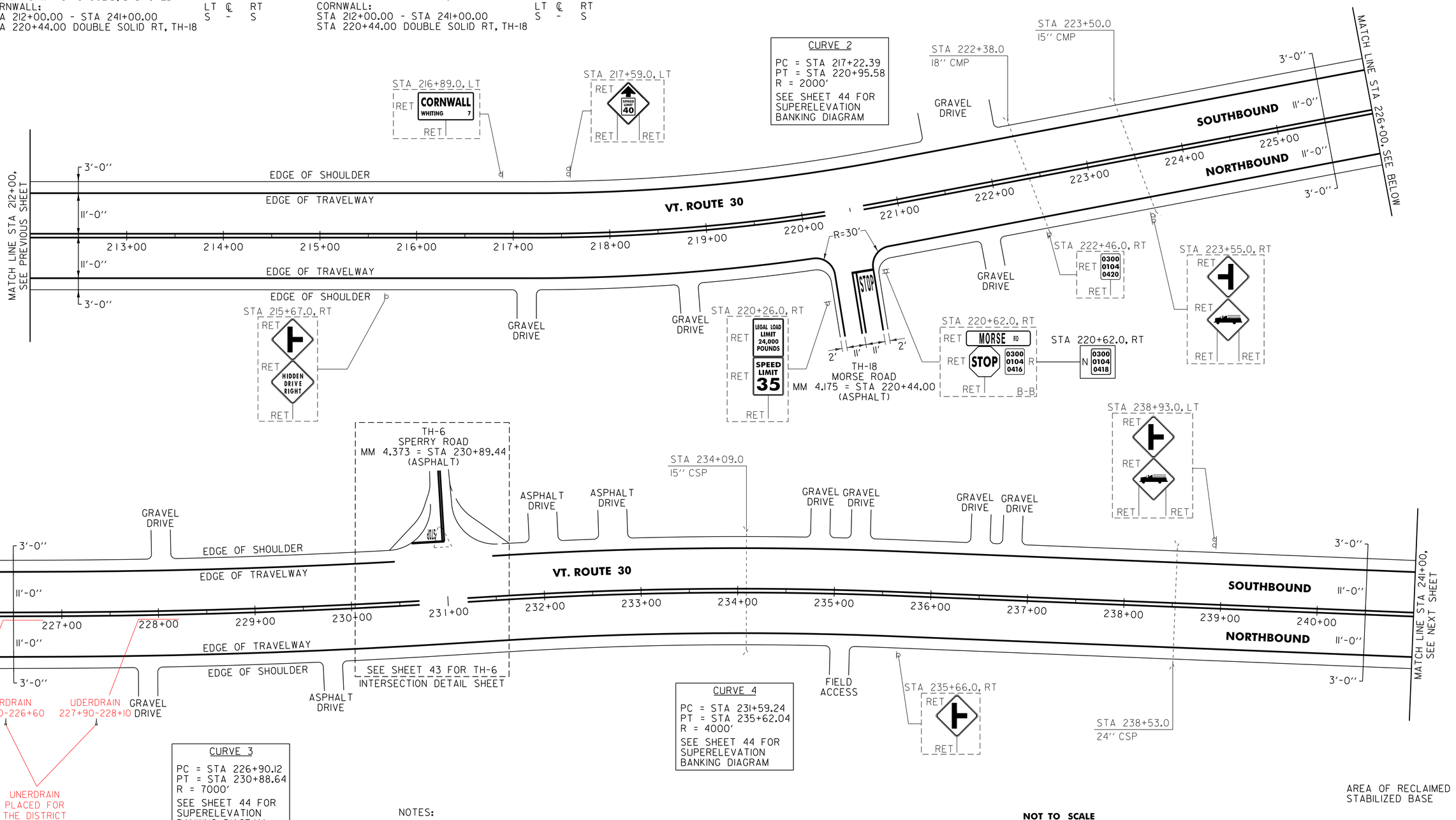
646.481 DURABLE 24 INCH STOP BAR, TYPE I TAPE
CORNWALL:
STA 220+44.00 RT, TH-18

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
CORNWALL:
STA 220+44.00 RT, TH-18

646.491 DURABLE LETTER OR SYMBOL, TYPE I TAPE
CORNWALL:
STA 220+44.00 RT, TH-18 "S,T,O,P" (4 EA)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
CORNWALL:
STA 220+44.00 RT, TH-18 "S,T,O,P" (4 EA)

675.50 REMOVING SIGNS
AS SHOWN - 1



NOTES:

1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM VT. ROUTE 30 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
2. UNDERGROUND TELEPHONE UTILITIES TO BE RELOCATED AERIALLY BY OTHERS UNDER STP EH 08(13) PRIOR TO ANY RECLAIM OPERATIONS.

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

NOT TO SCALE

PROJECT LAYOUT SHEET #18

PROJECT NAME: WHITING - MIDDLEBURY
PROJECT NUMBER: STP 2629(1)

FILE NAME: p06c226.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
DWG. NO. p06c226118.i
PLOT DATE: 30-MAR-2012 14:13
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 34 OF 133

646.406 DURABLE 4 INCH WHITE LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
CORNWALL:
STA 241+00.00 - STA 270+00.00 EDGE LINE LT & RT

646.416 DURABLE 4 INCH YELLOW LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

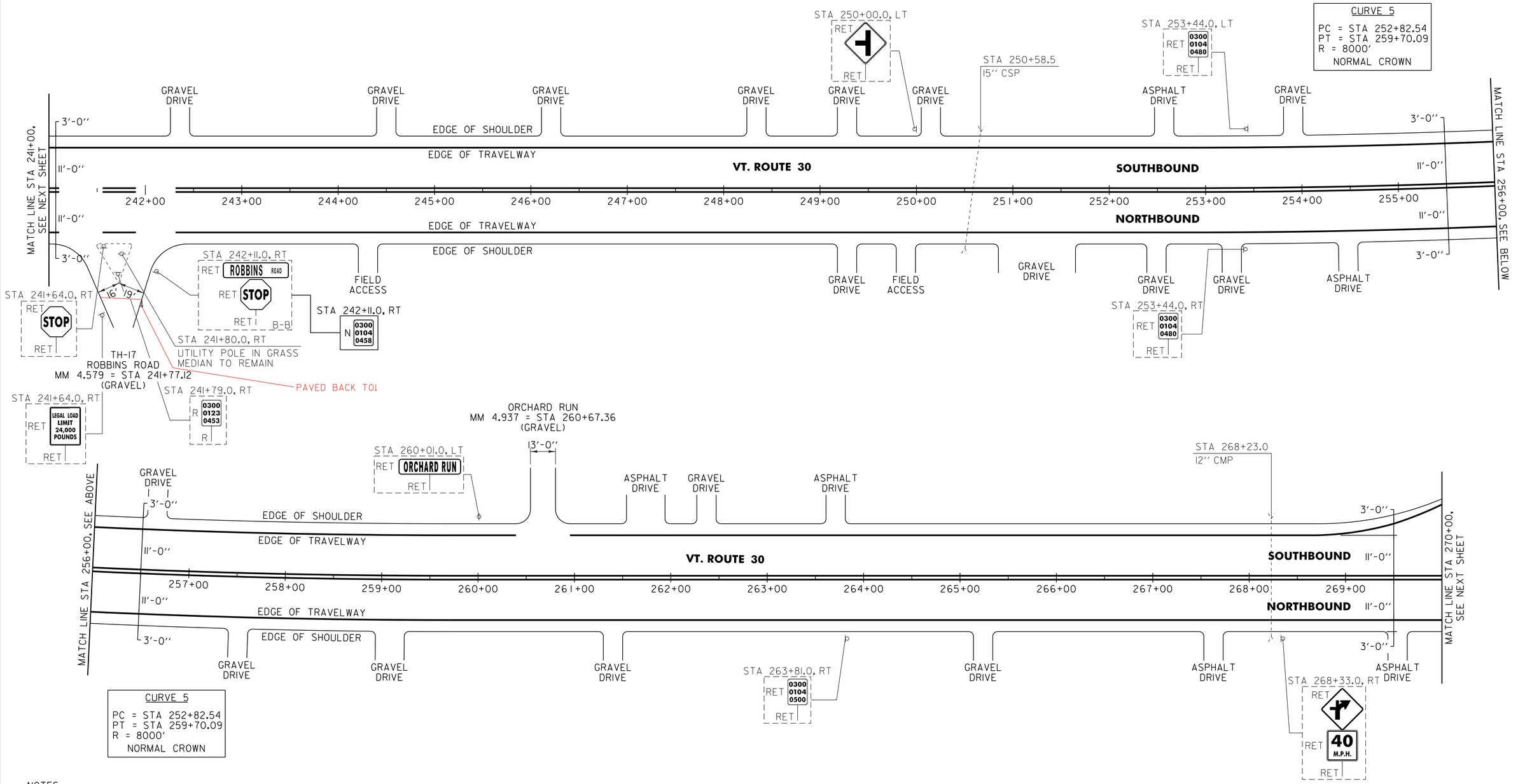
CORNWALL:	LT	℄	RT
STA 241+00.00 - STA 270+00.00	S	-	S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
CORNWALL:
STA 241+00.00 - STA 270+00.00 EDGE LINE LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

CORNWALL:	LT	℄	RT
STA 241+00.00 - STA 270+00.00	S	-	S

675.50 REMOVING SIGNS
AS SHOWN - 1



NOTES:

1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM VT. ROUTE 30 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
2. UNDERGROUND TELEPHONE UTILITIES TO BE RELOCATED AERIALLY BY OTHERS UNDER STP EH 08(13) PRIOR TO ANY RECLAIM OPERATIONS.

AREA OF RECLAIMED STABILIZED BASE

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

NOT TO SCALE

PROJECT LAYOUT SHEET #19

PROJECT NAME: WHITING - MIDDLEBURY
PROJECT NUMBER: STP 2629(I)

FILE NAME: p06c226.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
DWG. NO. p06c226119.i
PLOT DATE: 30-MAR-2012 14:13
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 35 OF 133

646.406 DURABLE 4 INCH WHITE LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
CORNWALL:
STA 270+00.00 - STA 284+00.00 EDGE LINE LT & RT

646.416 DURABLE 4 INCH YELLOW LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

CORNWALL:	LT	℄	RT
STA 270+00.00 - STA 284+00.00	S	-	S
STA 271+23.36 DOUBLE SOLID LT, TH-9			
STA 271+23.36 DOUBLE SOLID LT, TH-9			
STA 272+60.64 DOUBLE SOLID LT, TH-2			

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
CORNWALL:
STA 270+00.00 - STA 284+00.00 EDGE LINE LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

CORNWALL:	LT	℄	RT
STA 270+00.00 - STA 284+00.00	S	-	S
STA 271+23.36 DOUBLE SOLID LT, TH-9			
STA 271+23.36 DOUBLE SOLID LT, TH-9			
STA 272+60.64 DOUBLE SOLID LT, TH-2			

646.481 DURABLE 24 INCH STOP BAR, TYPE I TAPE
CORNWALL:
STA 271+23.36 LT, TH-9
STA 271+23.36 LT, TH-9
STA 272+60.64 LT, TH-2

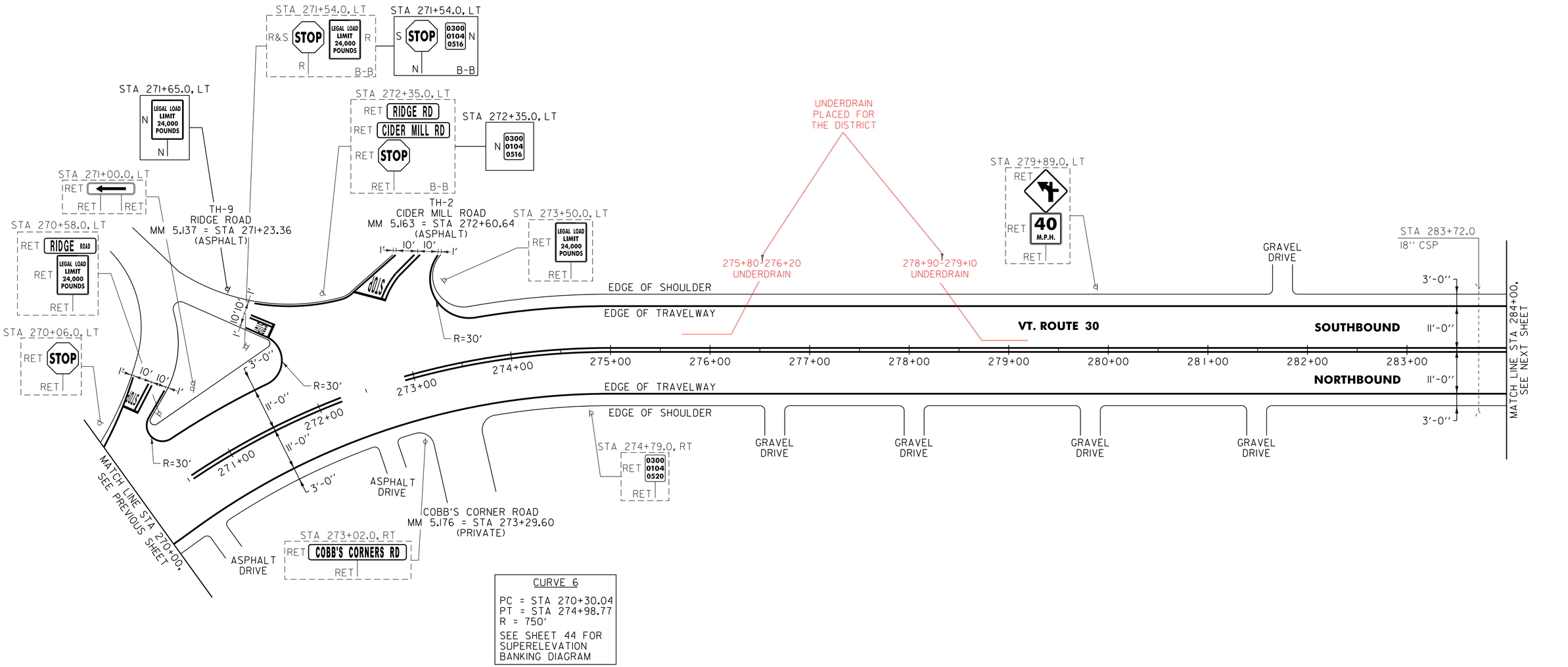
646.682 TEMPORARY 24 INCH STOP BAR, PAINT
CORNWALL:
STA 271+23.36 LT, TH-9
STA 271+23.36 LT, TH-9
STA 272+60.64 LT, TH-2

646.491 DURABLE LETTER OR SYMBOL, TYPE I TAPE
CORNWALL:
STA 271+23.36 LT, TH-9 "S,T,O,P" (4 EA)
STA 271+23.36 LT, TH-9 "S,T,O,P" (4 EA)
STA 272+60.64 LT, TH-2 "S,T,O,P" (4 EA)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
CORNWALL:
STA 271+23.36 LT, TH-9 "S,T,O,P" (4 EA)
STA 271+23.36 LT, TH-9 "S,T,O,P" (4 EA)
STA 272+60.64 LT, TH-2 "S,T,O,P" (4 EA)

675.50 REMOVING SIGNS
AS SHOWN - 2

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 1



CURVE 6

PC = STA 270+30.04
PT = STA 274+98.77
R = 750'

SEE SHEET 44 FOR SUPERELEVATION BANKING DIAGRAM

AREA OF RECLAIMED STABILIZED BASE

NOTES:

1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM VT. ROUTE 30 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.

2. UNDERGROUND TELEPHONE UTILITIES TO BE RELOCATED AERIALLY BY OTHERS UNDER STP EH 08(13) PRIOR TO ANY RECLAIM OPERATIONS.

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

NOT TO SCALE

PROJECT LAYOUT SHEET #20

PROJECT NAME: WHITING - MIDDLEBURY
PROJECT NUMBER: STP 2629(1)

FILE NAME: p06c226.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
DWG. NO. p06c226120.1
PLOT DATE: 30-MAR-2012 14:13
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 36 OF 133

646.406 DURABLE 4 INCH WHITE LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
CORNWALL:
STA 284+00.00 - STA 298+00.00 EDGE LINE LT & RT

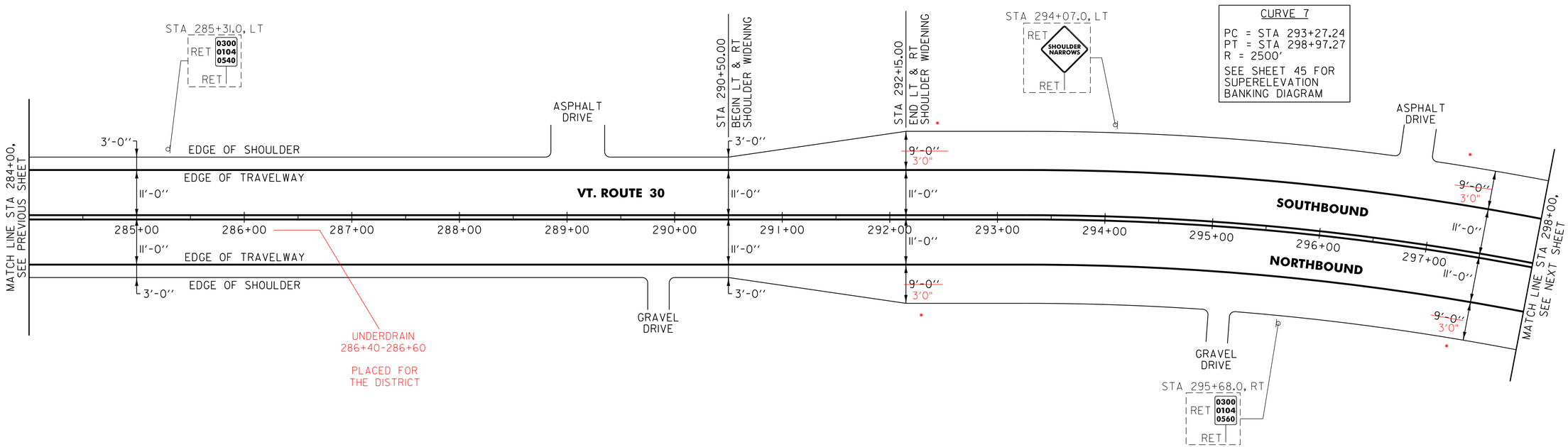
646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
CORNWALL:
STA 284+00.00 - STA 298+00.00 EDGE LINE LT & RT

646.416 DURABLE 4 INCH YELLOW LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

CORNWALL:	LT	℄	RT
STA 284+00.00 - STA 298+00.00	S	-	S

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

CORNWALL:	LT	℄	RT
STA 284+00.00 - STA 298+00.00	S	-	S



AREA OF RECLAIMED STABILIZED BASE

NOT TO SCALE

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

PROJECT LAYOUT SHEET #21

PROJECT NAME: WHITING - MIDDLEBURY
PROJECT NUMBER: STP 2629(1)

FILE NAME: p06c226.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
DWG. NO. p06c226121.i
PLOT DATE: 30-MAR-2012 14:13
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 37 OF 133

646.406 DURABLE 4 INCH WHITE LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
CORNWALL:
STA 298+00.00 - STA 327+00.00 EDGE LINE LT & RT

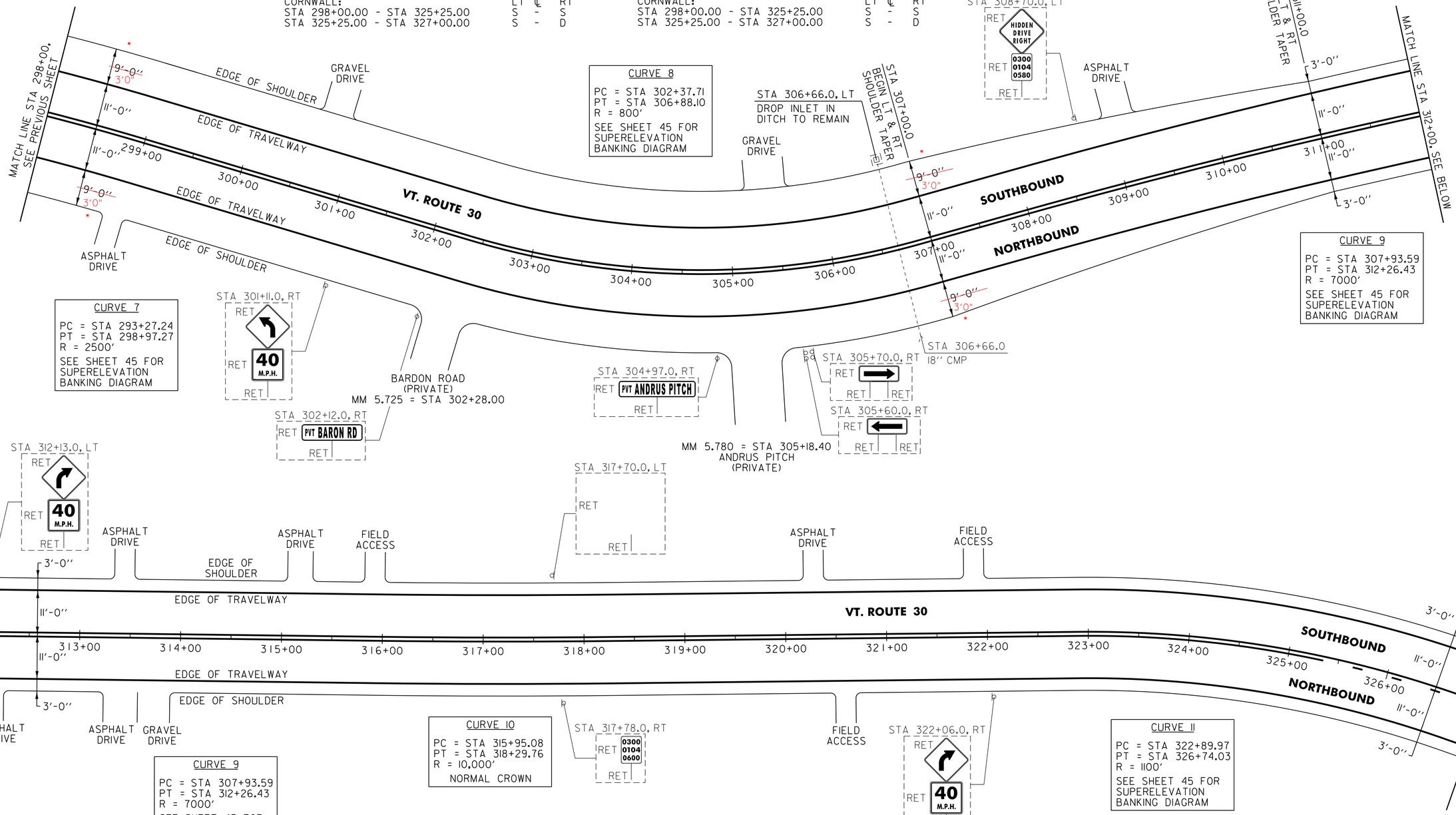
646.416 DURABLE 4 INCH YELLOW LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

CORNWALL:	LT	℄	RT
STA 298+00.00 - STA 325+25.00	S	-	S
STA 325+25.00 - STA 327+00.00	S	-	D

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
CORNWALL:
STA 298+00.00 - STA 327+00.00 EDGE LINE LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

CORNWALL:	LT	℄	RT
STA 298+00.00 - STA 325+25.00	S	-	S
STA 325+25.00 - STA 327+00.00	S	-	D



AREA OF RECLAIMED STABILIZED BASE

NOT TO SCALE

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

PROJECT LAYOUT SHEET #22

PROJECT NAME: WHITING - MIDDLEBURY
PROJECT NUMBER: STP 2629(I)
FILE NAME: p06c226.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
DWG. NO. p06c226122.i
PLOT DATE: 30-MAR-2012 14:13
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 38 OF 133

646.406 DURABLE 4 INCH WHITE LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
CORNWALL:
STA 327+00.00 - STA 335+75.52 EDGE LINE LT & RT

MIDDLEBURY:
STA 0+00.00 - STA 20+00.00 EDGE LINE LT & RT

646.416 DURABLE 4 INCH YELLOW LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

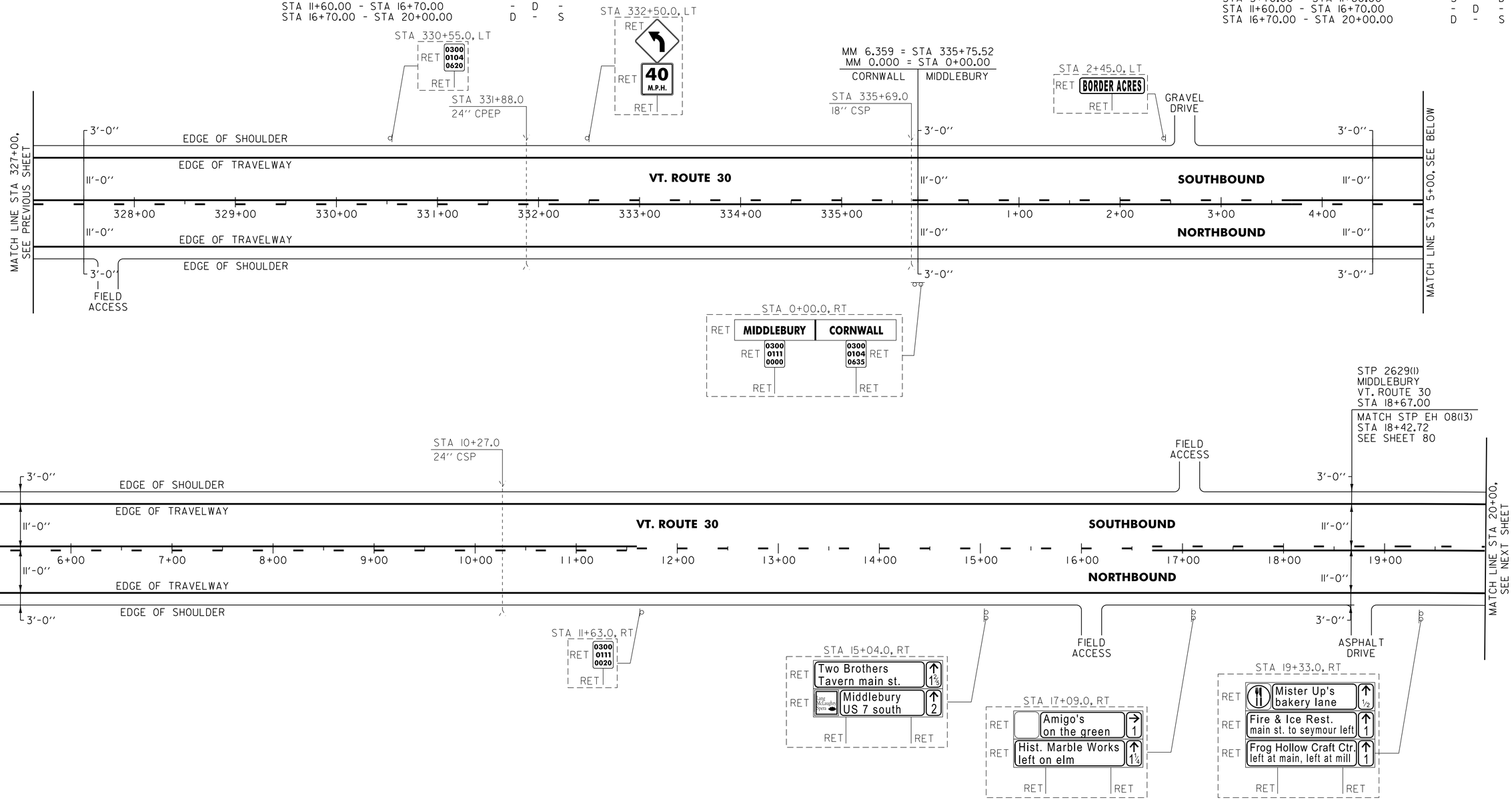
CORNWALL:	LT	℄	RT
STA 327+00.00 - STA 332+10.00	S	-	D
STA 332+10.00 - STA 335+75.52	D	-	S
MIDDLEBURY:			
STA 0+00.00 - STA 3+70.00	D	-	S
STA 3+70.00 - STA 11+60.00	S	-	D
STA 11+60.00 - STA 16+70.00	-	D	-
STA 16+70.00 - STA 20+00.00	D	-	S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
CORNWALL:
STA 327+00.00 - STA 335+75.52 EDGE LINE LT & RT

MIDDLEBURY:
STA 0+00.00 - STA 20+00.00 EDGE LINE LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

CORNWALL:	LT	℄	RT
STA 327+00.00 - STA 332+10.00	S	-	D
STA 332+10.00 - STA 335+75.52	D	-	S
MIDDLEBURY:			
STA 0+00.00 - STA 3+70.00	D	-	S
STA 3+70.00 - STA 11+60.00	S	-	D
STA 11+60.00 - STA 16+70.00	-	D	-
STA 16+70.00 - STA 20+00.00	D	-	S



STP 2629(I)
MIDDLEBURY
VT. ROUTE 30
STA 18+67.00

MATCH STP EH 08(13)
STA 18+42.72
SEE SHEET 80

AREA OF RECLAIMED STABILIZED BASE

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

NOT TO SCALE

PROJECT LAYOUT SHEET #23

PROJECT NAME: WHITING - MIDDLEBURY
PROJECT NUMBER: STP 2629(I)

FILE NAME: p06c226.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
DWG. NO. p06c226123.i

PLOT DATE: 30-MAR-2012 14:13
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 39 OF 133

646.406 DURABLE 4 INCH WHITE LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
MIDDLEBURY:
STA 20+00.00 - STA 29+04.00 EDGE LINE LT & RT

646.416 DURABLE 4 INCH YELLOW LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

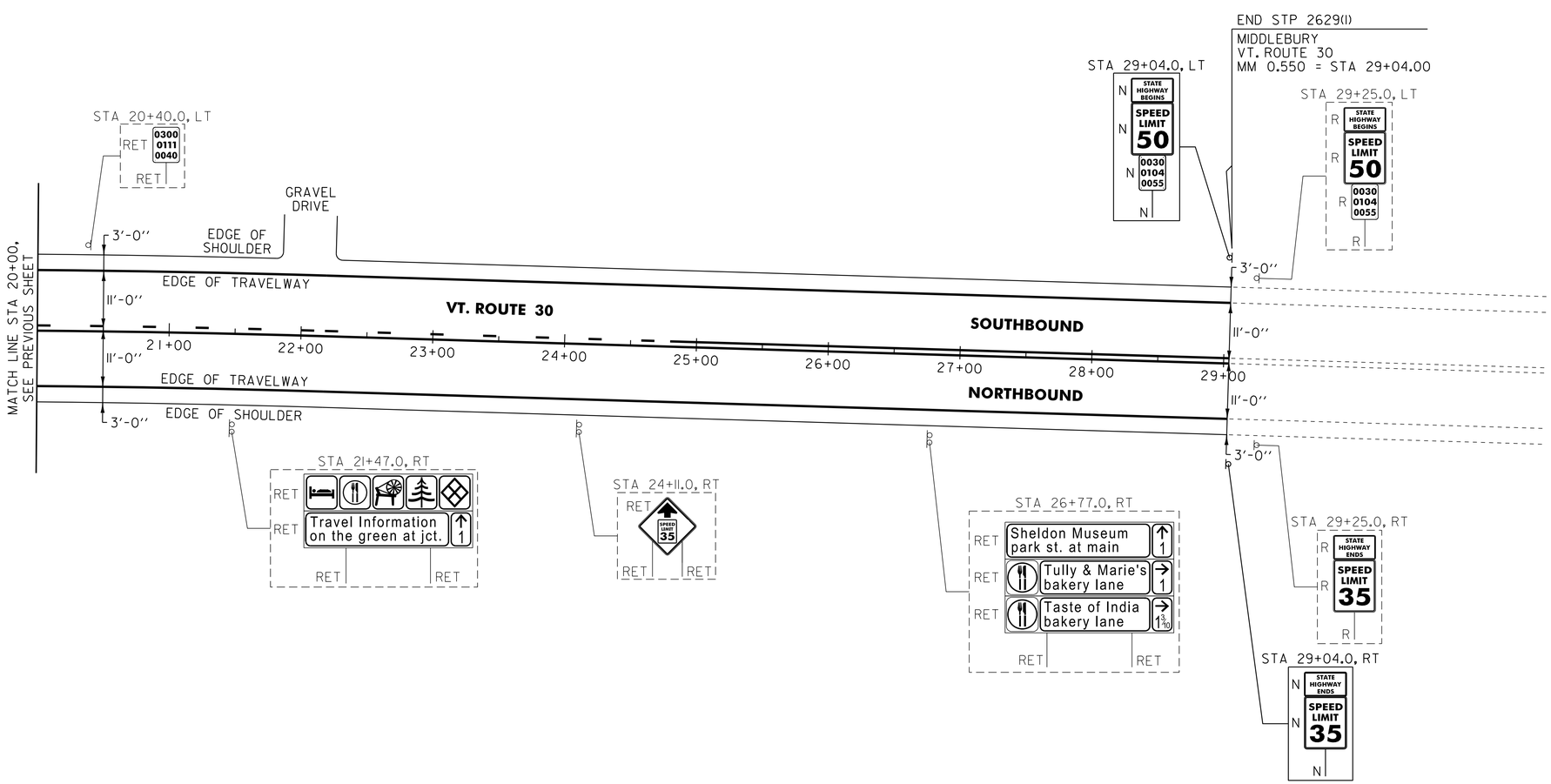
MIDDLEBURY:	LT	℄	RT
STA 20+00.00 - STA 24+80.00	D	-	S
STA 24+80.00 - STA 29+04.00	S	-	S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
MIDDLEBURY:
STA 20+00.00 - STA 29+04.00 EDGE LINE LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

MIDDLEBURY:	LT	℄	RT
STA 20+00.00 - STA 24+80.00	D	-	S
STA 24+80.00 - STA 29+04.00	S	-	S

675.50 REMOVING SIGNS
AS SHOWN - 5



AREA OF RECLAIMED STABILIZED BASE

NOT TO SCALE

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

PROJECT LAYOUT SHEET #24

PROJECT NAME: WHITING - MIDDLEBURY
PROJECT NUMBER: STP 2629(I)

FILE NAME: p06c226.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
DWG. NO. p06c226124.i

PLOT DATE: 30-MAR-2012 14:13
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 40 OF 133

646.406 DURABLE 4 INCH WHITE LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
CORNWALL:
STA 46+30.56 DOUBLE SOLID LT, TH-28

646.416 DURABLE 4 INCH YELLOW LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
CORNWALL:
STA 46+30.56 DOUBLE SOLID LT, TH-28

646.481 DURABLE 24 INCH STOP BAR, TYPE ITAPE
CORNWALL:
STA 46+30.56 LT, TH-28

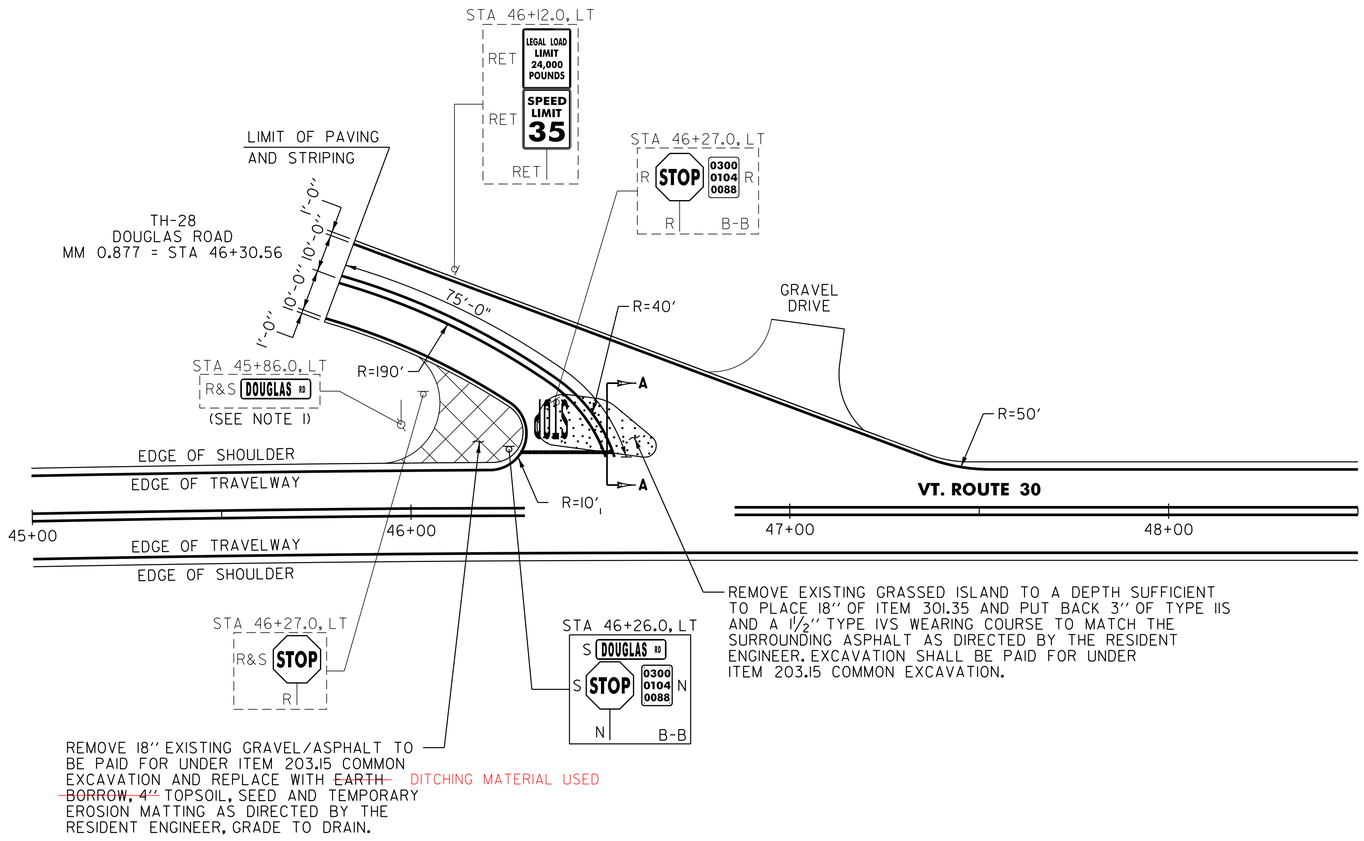
646.682 TEMPORARY 24 INCH STOP BAR, PAINT
CORNWALL:
STA 46+30.56 LT, TH-28

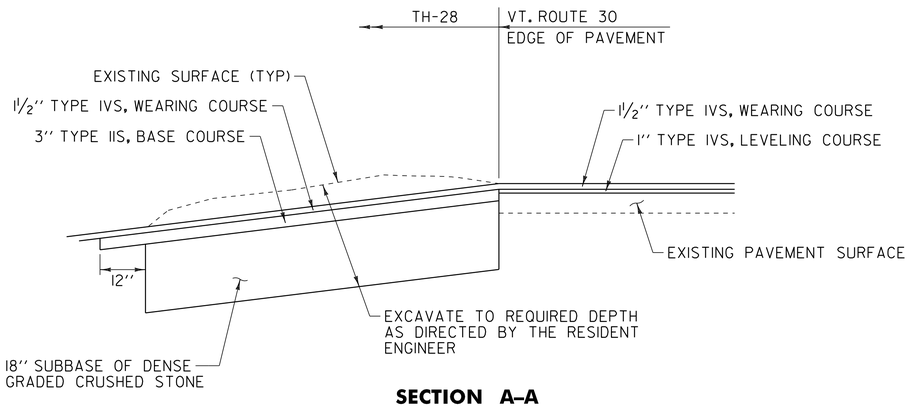
646.491 DURABLE LETTER OR SYMBOL, TYPE ITAPE
CORNWALL:
STA 46+30.56 LT, TH-28 "S,T,O,P" (4 EA)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
CORNWALL:
STA 46+30.56 LT, TH-28 "S,T,O,P" (4 EA)

675.50 REMOVING SIGNS
AS SHOWN - 4

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 2





SECTION A–A

653.20 TEMPORARY EROSION MATTING
STA 45+90.0 - STA 46+30.0, LT (124 SY)

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

NOTE:

1. EXISTING STREET SIGN IS MOUNTED ON EXISTING UTILITY POLE.

NOT TO SCALE

TH-28 INTERSECTION DETAIL SHEET

PROJECT NAME: WHITING - MIDDLEBURY
PROJECT NUMBER: STP 2629(1)
FILE NAME: p06c226.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
DWG. NO. p06c226int1.i
PLOT DATE: 30-MAR-2012 14:14
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 41 OF 133

646.416 DURABLE 4 INCH YELLOW LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
CORNWALL:
STA 194+72.64 DOUBLE SOLID LT, VT. ROUTE 74

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
CORNWALL:
STA 194+72.64 DOUBLE SOLID LT, VT. ROUTE 74

646.481 DURABLE 24 INCH STOP BAR, TYPE I TAPE
CORNWALL:
STA 194+72.64 LT, VT. ROUTE 74

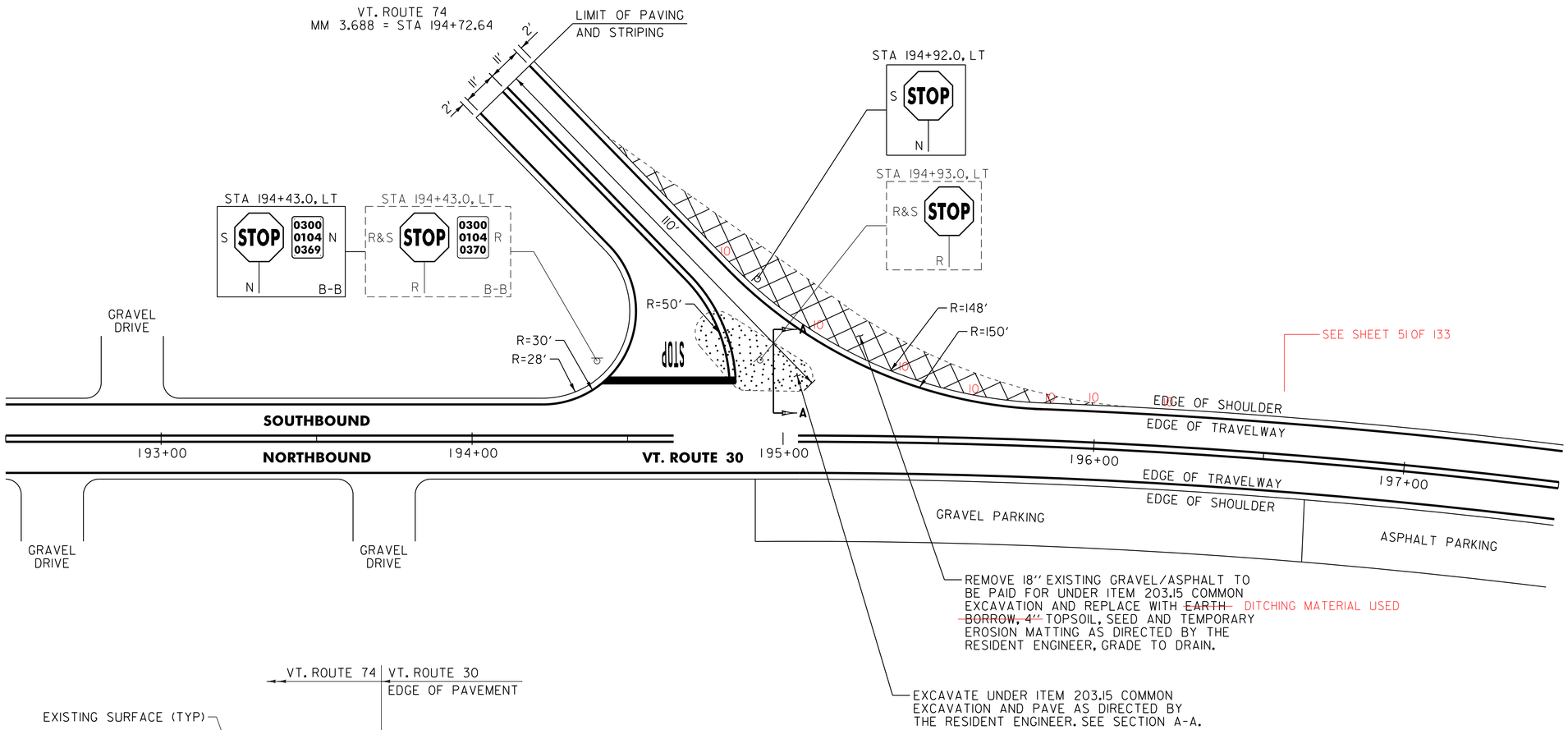
646.682 TEMPORARY 24 INCH STOP BAR, PAINT
CORNWALL:
STA 194+72.64 LT, VT. ROUTE 74

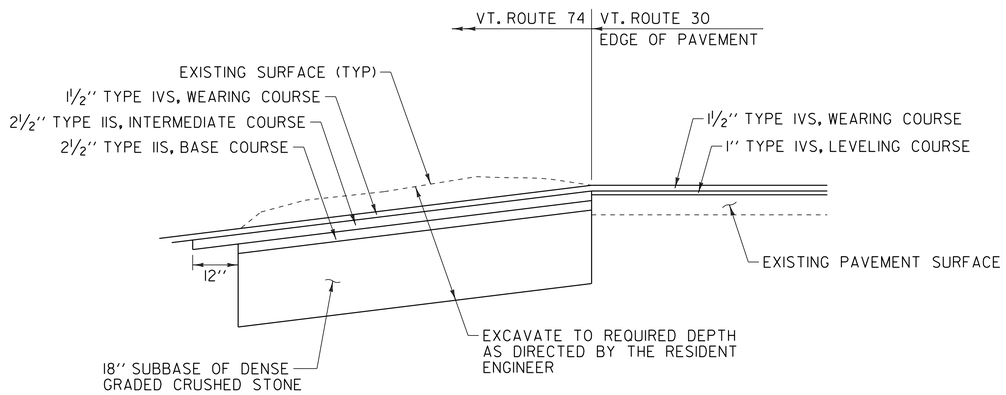
646.491 DURABLE LETTER OR SYMBOL, TYPE I TAPE
CORNWALL:
STA 194+72.64 LT, VT. ROUTE 74 "S,T,O,P" (4 EA)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
CORNWALL:
STA 194+72.64 LT, VT. ROUTE 74 "S,T,O,P" (8 EA)

675.50 REMOVING SIGNS
AS SHOWN - 3

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 2





SECTION A-A

653.20 TEMPORARY EROSION MATTING
STA 194+40.0 - STA 196+10.0, LT (119 SY)

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

NOT TO SCALE

VT. ROUTE 74 INTERSECTION DETAIL SHEET

PROJECT NAME: WHITING - MIDDLEBURY
PROJECT NUMBER: STP 2629(1)
FILE NAME: p06c226.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
DWG. NO. p06c226int2.i
PLOT DATE: 30-MAR-2012 14:14
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 42 OF 133

646.416 DURABLE 4 INCH YELLOW LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
CORNWALL:
STA 230+89.44 DOUBLE SOLID LT, TH-6

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
CORNWALL:
STA 230+89.44 DOUBLE SOLID LT, TH-6

646.481 DURABLE 24 INCH STOP BAR, TYPE I TAPE
CORNWALL:
STA 230+89.44 LT, TH-6

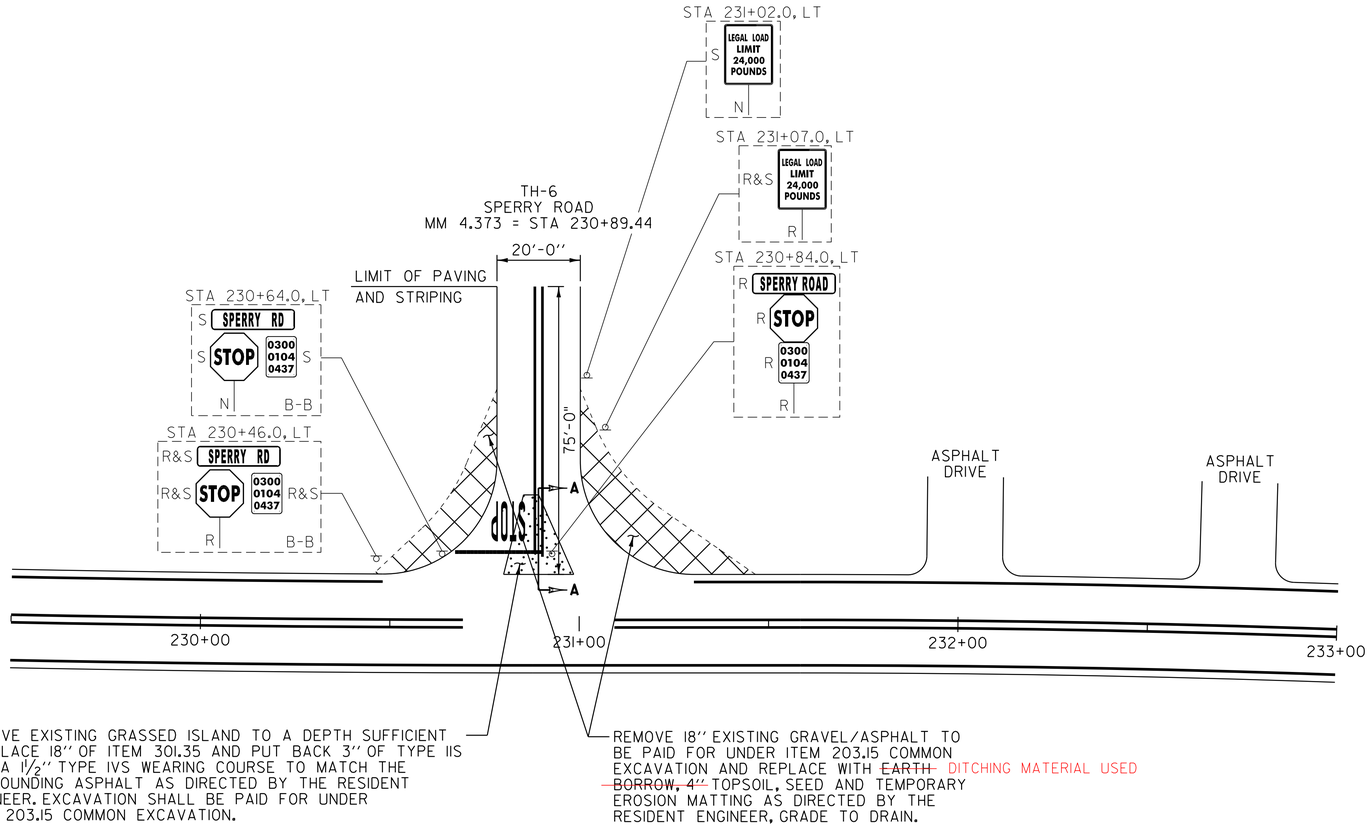
646.682 TEMPORARY 24 INCH STOP BAR, PAINT
CORNWALL:
STA 230+89.44 LT, TH-6

646.491 DURABLE LETTER OR SYMBOL, TYPE I TAPE
CORNWALL:
STA 230+89.44 LT, TH-6 "S,T,O,P" (4 EA)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
CORNWALL:
STA 230+89.44 LT, TH-6 "S,T,O,P" (4 EA)

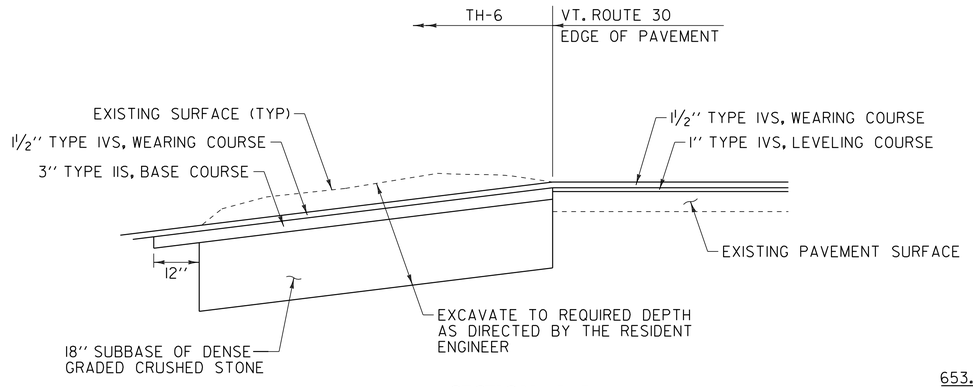
675.50 REMOVING SIGNS
AS SHOWN - 7

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 4



REMOVE EXISTING GRASSED ISLAND TO A DEPTH SUFFICIENT TO PLACE 18" OF ITEM 301.35 AND PUT BACK 3" OF TYPE IIS AND A 1½" TYPE IVS WEARING COURSE TO MATCH THE SURROUNDING ASPHALT AS DIRECTED BY THE RESIDENT ENGINEER. EXCAVATION SHALL BE PAID FOR UNDER ITEM 203.15 COMMON EXCAVATION.

REMOVE 18" EXISTING GRAVEL/ASPHALT TO BE PAID FOR UNDER ITEM 203.15 COMMON EXCAVATION AND REPLACE WITH ~~EARTH~~ DITCHING MATERIAL USED ~~BORROW, 4"~~ TOPSOIL, SEED AND TEMPORARY EROSION MATTING AS DIRECTED BY THE RESIDENT ENGINEER, GRADE TO DRAIN.



SECTION A–A

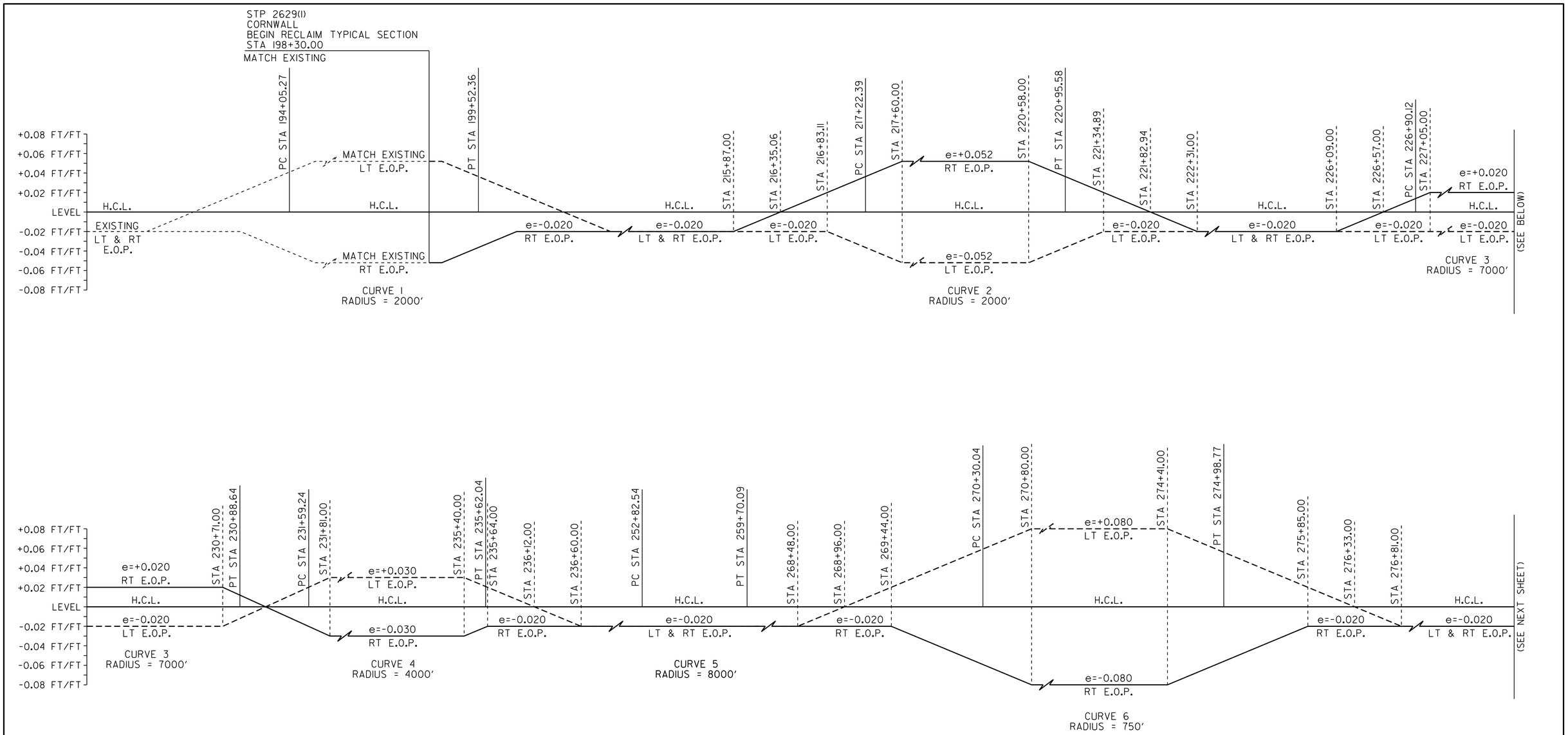
653.20 TEMPORARY EROSION MATTING
STA 230+45.0 - STA 230+75.0, LT (61 SY)
STA 231+00.0 - STA 231+50.0, LT (90 SY)

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

NOT TO SCALE

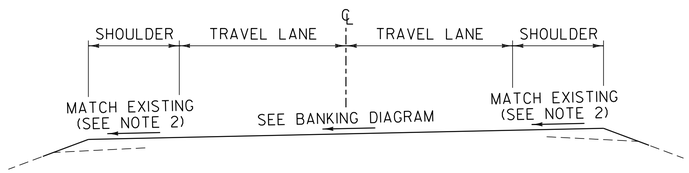
TH-6 INTERSECTION DETAIL SHEET

PROJECT NAME: WHITING - MIDDLEBURY
PROJECT NUMBER: STP 2629(I)
FILE NAME: p06c226.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
DWG. NO. p06c226int3.i
PLOT DATE: 30-MAR-2012 14:14
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 43 OF 133



SUPERELEVATION BANKING NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING AND MAINTAINING THE HORIZONTAL AND VERTICAL GEOMETRY OF THE EXISTING ROADWAY.
2. THE SHOULDER CROSS SLOPE ON BOTH THE OUTSIDE (HIGH SIDE) AND THE INSIDE (LOW SIDE) OF A SUPERELEVATED CURVE SHALL MATCH THE ADJACENT TRAVEL LANE CROSS SLOPE.
3. SUPERELEVATION RATES AND RUNOFF LENGTHS WERE DETERMINED USING A DESIGN SPEED EQUAL TO THE POSTED SPEED AND A MAXIMUM SUPERELEVATION RATE OF 0.08.



NOT TO SCALE

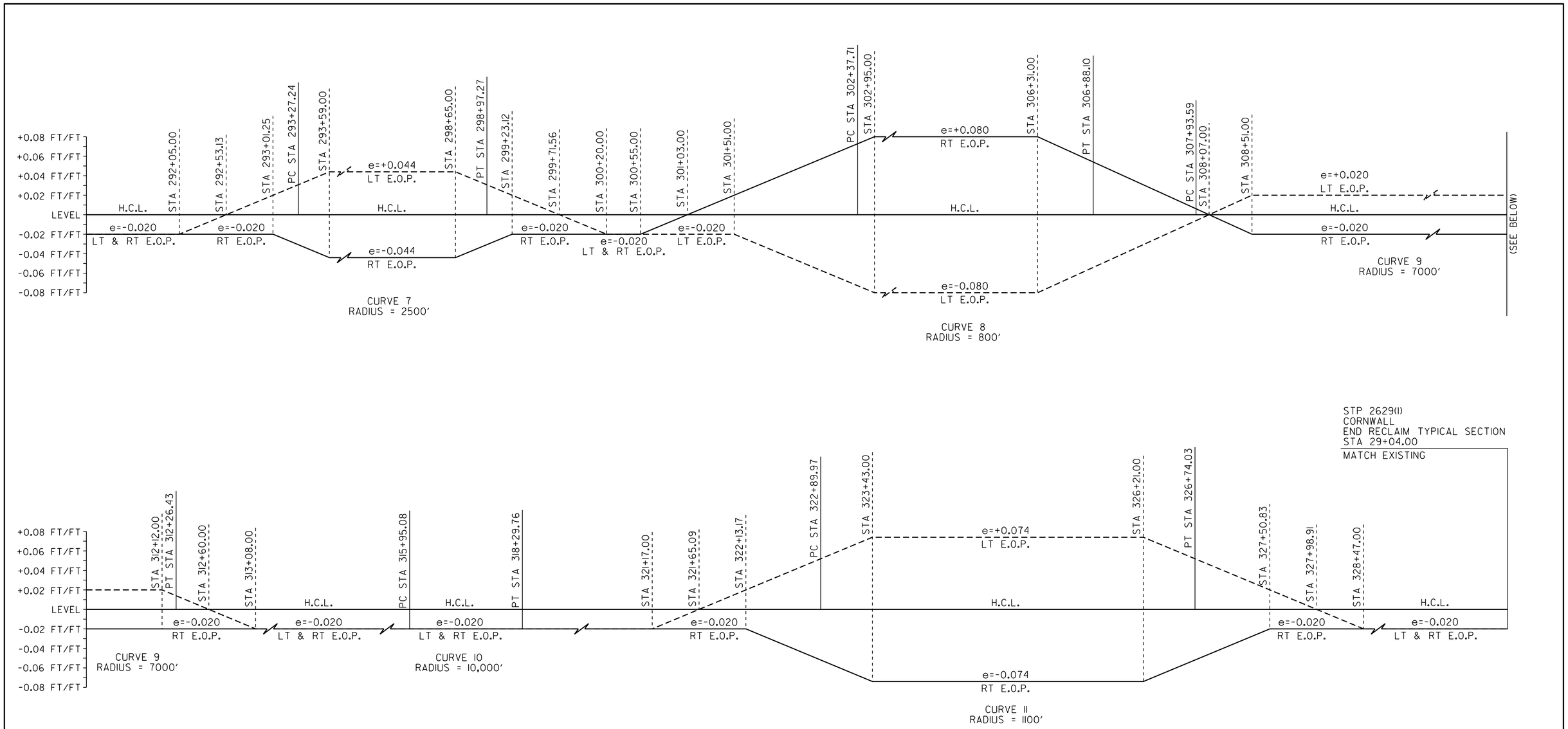
SUPERELEVATION BANKING DIAGRAMS SHEET #1

PROJECT NAME: WHITING - MIDDLEBURY

PROJECT NUMBER: STP 2629(I)

FILE NAME: p06c226.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
DWG. NO. p06c226sbdl.i

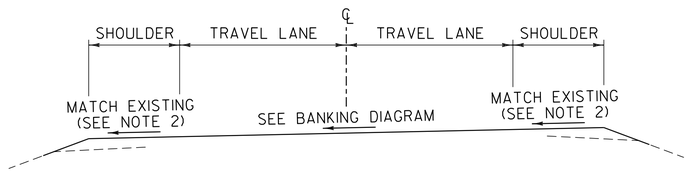
PLOT DATE: 30-MAR-2012 14:14
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 44 OF 133



STP 2629(I)
CORNWALL
END RECLAIM TYPICAL SECTION
STA 29+04.00
MATCH EXISTING

SUPERELEVATION BANKING NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING AND MAINTAINING THE HORIZONTAL AND VERTICAL GEOMETRY OF THE EXISTING ROADWAY.
2. THE SHOULDER CROSS SLOPE ON BOTH THE OUTSIDE (HIGH SIDE) AND THE INSIDE (LOW SIDE) OF A SUPERELEVATED CURVE SHALL MATCH THE ADJACENT TRAVEL LANE CROSS SLOPE.
3. SUPERELEVATION RATES AND RUNOFF LENGTHS WERE DETERMINED USING A DESIGN SPEED EQUAL TO THE POSTED SPEED AND A MAXIMUM SUPERELEVATION RATE OF 0.08.



NOT TO SCALE

SUPERELEVATION BANKING DIAGRAMS SHEET #2

PROJECT NAME: WHITING - MIDDLEBURY
PROJECT NUMBER: STP 2629(I)

FILE NAME: p06c226.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
DWG. NO. p06c226sbd2.i

PLOT DATE: 30-MAR-2012 14:14
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 45 OF 133

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 1

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) lb/ft FOUNDATION	3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS SHS = FHWA STANDARDS SIGN BOOK	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
WHITING: VT. ROUTE 30 37+30.0, LT		1	30	30	6.25						1					X 13.00		X															SIGN ID CODE W2-5		SHS
37+43.0, LT		1	18	18	2.25						1					X 10.75		X															SIGN ID CODE OMI-1		SHS
52+80.0, RT		~~1~~	~~6~~	~~10~~	0.42	REPLACED PREVIOUS TO JOB					~~1~~				~~X~~			~~X~~															SIGN ID CODE VD-700		E-138
60+75 RT	MISSING ON POST															10.25																			
60+87.0, LT		1	6	10	0.42																												SIGN TO BE MOUNTED ON EXISTING POST. SIGN ID CODE VD-700		E-138
97+47.0, LT		~~1~~	~~6~~	~~10~~	0.42	REPLACED PREVIOUS TO JOB																											SIGN TO BE MOUNTED ON EXISTING POST. SIGN ID CODE VD-700		E-138
97+94.0, LT		1	~~24~~	~~30~~	5.00	REPLACED PREVIOUS TO JOB					~~1~~					~~X~~		~~X~~															SIGN ID CODE VR-017		E-141
108+24.0, LT		1	24	30	5.00						1					X 12.75		X															SIGN ID CODE R2-1		SHS
108+24.0, RT		1	24	30	5.00						1					X 14.00		X															SIGN ID CODE R2-1		SHS
												LF	LF	LF	LF ~~8~~	LF ~~70~~	LF	EA.	LB	LB	LB		LB	LB	LB	LB								

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."

TOTALS	SF ~~18.92~~ 24.76	SF	EA.	SF		LF	LF ~~78~~ 60.75	LB	EA.	LB	EA.	EA.	LB

TRAFFIC SIGN SUMMARY SHEET #1

PROJECT NAME: WHITING - MIDDLEBURY
PROJECT NUMBER: STP 2629(I)
FILE NAME: p06c226.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
DWG. NO. p06c226tssl.i
PLOT DATE: 30-MAR-2012 14:14
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 46 OF 133

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 2

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUND-ATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS SHS = FHWA STANDARDS SIGN BOOK	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
WHITING: VT. ROUTE 30 190+45.0, RT	GIBEAULT RD TR 9	1					1				1					X 12.50		X															TOP MOUNTING BRACKETS REQUIRED TO INSTALL SALVAGED SIGN ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-
	STOP 0300 0123 0361	1	6	10	0.42		1																										BACK-TO-BACK SIGN ID CODE VD-700	-	- E-138
		1	18	18	2.25																												SIGN ID CODE OMI-1		SHS
190+50.0, LT	STOP	~~1~~	~~30~~	~~30~~	~~6.25~~	REPLACED PREVIOUS TO JOB					~~1~~					~~X~~		~~X~~															SIGN ID CODE RI-1		SHS
190+99.0, LT	NORTH MAIN STREET STICKNEY ROAD TR 4						1 1				1					X 13.25		X															TOP MOUNTING BRACKETS REQUIRED TO INSTALL SALVAGED SIGN ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-
	STOP 0300 0123 0362	1	6	10	0.42		1																										BACK-TO-BACK SIGNS TO BE MOUNTED ON NEW POST. SIGN ID CODE VD-700	-	- E-138
		1	18	18	2.25																												SIGN ID CODE OMI-1		SHS
CORNWALL: VT. ROUTE 30 23+74.0, RT	0300 0104 0045	1	6	10	0.42																												SIGN TO BE MOUNTED ON EXISTING POST. SIGN ID CODE VD-700		E-138
46+26.0, LT	DOUGLAS RD						1				1					X 13.25		X															TOP MOUNTING BRACKETS REQUIRED TO INSTALL SALVAGED SIGN ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-
	STOP 0300 0104 0088	1	6	10	0.42		1																										BACK-TO-BACK SALVAGED SIGN TO BE MOUNTED ON NEW POST. SIGN ID CODE VD-700		- E-138
											LF	LF	LF	LF	~~56~~	LF	EA.		LB	LB	LB		LB	LB	LB	LB								
TOTALS		SF ~~12.43~~ 6.16	SF	EA. 7	SF				LF		LF ~~56~~ 39.0								LB			EA.	LB				EA.	EA.	LB					

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."

TRAFFIC SIGN SUMMARY SHEET #2

PROJECT NAME: WHITING - MIDDLEBURY
PROJECT NUMBER: STP 2629(I)
FILE NAME: p06c226.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
DWG. NO. p06c226tss2.i
PLOT DATE: 30-MAR-2012 14:14
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 47 OF 133

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 3

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUND-ATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS SHS = FHWA STANDARDS SIGN BOOK	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
CORNWALL: VT. ROUTE 30 135+06.0, LT	0300 0104 0256	1	6	10	0.42																												SIGN TO BE MOUNTED ON EXISTING POST. SIGN ID CODE VD-700		E-138
135+65.0, LT	STOP						1				1					X 14.25		X																-	-
135+65.0, LT	LEGAL LOAD LIMIT 24,000 POUNDS						1				1					X 14.00		X																-	-
	SPEED LIMIT 35						1																											-	-
169+59.0, LT	LAMBERT LANE						1				1					X 9.25		X															TOP MOUNTING BRACKETS REQUIRED TO INSTALL SALVAGED SIGN ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-
	0300 0104 0322	1	6	10	0.42																											SIGN ID CODE VD-700		E-138
	STOP		30	30	6.25																														
185+26.0, RT	0300 0104 0351	1	6	10	0.42																											SIGN TO BE MOUNTED ON EXISTING POST. SIGN ID CODE VD-700		E-138
194+43.0, LT	STOP 0300 0104 0369	1	6	10	0.42		1				1					X 13.00		X															BACK-TO-BACK SALVAGED SIGN TO BE MOUNTED ON NEW POST. SIGN ID CODE 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."

TOTALS	SF ~~1.68~~ 7.93	SF	EA. 5	SF	LF	LF ~~56~~ 50.5	LB	EA.	LB	EA.	EA.	LB
					LF LF LF	LF ~~56~~ LF EA.	LB LB LB		LB LB LB LB			

TRAFFIC SIGN SUMMARY SHEET #3

PROJECT NAME: WHITING - MIDDLEBURY
PROJECT NUMBER: STP 2629(I)
FILE NAME: p06c226.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
DWG. NO. p06c226tss3.i
PLOT DATE: 30-MAR-2012 14:14
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 48 OF 133

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 4

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																				REMARKS	SIGN DETAIL	
		EA	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft			SQUARE STEEL (in) lb/ft			ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft			TUBULAR STEEL Ø (in) lb/ft					W-SHAPE STEEL FTG. SIZE		WEIGHT	POST SIZE	SIGN FRAME REQUIRED	SHS = FHWA STANDARDS SIGN BOOK	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
												1.12	2.0	3.0	1.75 1.88	2.0 2.42	2.5 3.35			3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	24"	30"					
CORNWALL: VT. ROUTE 30 194+~~75.0~~ 92, LT	STOP						1				1					X 13.00			X													-	-
197+43.0, LT	STOP	1	30	30	6.25						1					X 12.50			X													SIGN ID CODE RI-1		SHS
197+63.0, LT	0300 0104 0375	1	6	10	0.42																											SIGN TO BE MOUNTED ON EXISTING POST. SIGN ID CODE VD-700		E-138
220+62.0, RT	0300 0104 0418	1	6	10	0.42																											SIGN TO BE MOUNTED ON EXISTING POST. SIGN ID CODE VD-700		E-138
230+64.0, LT	SPERRY RD						1				1					X 12.50			X													TOP MOUNTING BRACKETS REQUIRED TO INSTALL SALVAGED SIGN ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-
	STOP 0300 0104 0437						1 1																										- -	- -
231+02.0, LT	LEGAL LOAD LIMIT 24,000 POUNDS						1				1					X 14.00			X														-	-
242+11.0, RT	0300 0104 0458	1	6	10	0.42																											SIGN TO BE MOUNTED ON EXISTING POST. SIGN ID CODE VD-700		E-138
TOTALS		SF 7.51	SF	EA. 5	SF							LF			LF	~~56~~ 52.5			EA.	LB			EA.	LB				EA.	EA.	LB				

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."

TRAFFIC SIGN SUMMARY SHEET #4

PROJECT NAME: WHITING - MIDDLEBURY

PROJECT NUMBER: STP 2629(11)

FILE NAME: p06c226.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
DWG. NO. p06c226tss4.i

PLOT DATE: 30-MAR-2012 14:14
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 49 OF 133

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 5

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS SHS = FHWA STANDARDS SIGN BOOK	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
CORNWALL: VT. ROUTE 30 27I+54.0, LT	STOP 0300 0104 0516	I	6	10	0.42		I				I					X 14.00		X															BACK-TO-BACK SALVAGED SIGN TO BE MOUNTED ON NEW POST. SIGN ID CODE VD-700	-	- E-138
27I+65.0, LT	LEGAL LOAD LIMIT 24,000 POUNDS	~~I~~	~~24~~	~~30~~	~~5.00~~	REPLACED PREVIOUS TO JOB					~~I~~					~~X~~		~~X~~																SIGN ID CODE VR-017		E-141
272+35.0, LT	0300 0104 0516	I	6	10	0.42		I REPLACED SIGN																											SIGN TO BE MOUNTED ON EXISTING POST. SIGN ID CODE VD-700		E-138
MIDDLEBURY: VT. ROUTE 30 29+04.0, LT	STATE HIGHWAY BEGINS	I	18	24	3.00						I					X 17.50		X															SIGN ID CODE VR-039		E-141
	SPEED LIMIT 50	I	24	30	5.00																											SIGN ID CODE R2-1		SHS
	0030 0104 0055	I	6	10	0.42																											SIGN ID CODE VD-700		E-138
29+04.0, RT	STATE HIGHWAY ENDS	I	18	24	3.00						I					X 14.25		X															SIGN ID CODE VR-038		E-141
	SPEED LIMIT 35	I	24	30	5.00																											SIGN ID CODE R2-1		SHS

STATE OF VERMONT
AGENCY OF TRANSPORTATION

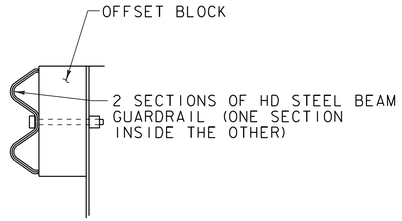
TRAFFIC SIGN SUMMARY SHEET 6

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUND-ATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS SHS = FHWA STANDARDS SIGN BOOK	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
	SHEET 46 SUBTOTAL				~~24.76~~ 18.92		-								~~8~~	~~70~~ 60.75																			
	SHEET 47 SUBTOTAL				~~12.43~~ 6.16		7								-	~~56~~ 39.0																			
	SHEET 48 SUBTOTAL				~~1.68~~ 7.93		5								-	~~56~~ 50.5																			
	SHEET 49 SUBTOTAL				7.51		5								-	~~56~~ 52.5																			
	SHEET 50 SUBTOTAL				~~22.26~~ 17.26		~~1~~ 2								-	~~56~~ 45.75																			
194+98 LT					0.11											8.50																			
195+20 LT					0.11											8.75																			
195+40 LT					0.11											8.75																			
195+60 LT					0.11											8.50																			
195+80 LT					0.11											8.75																			
196+00 LT					0.11											8.50																			
196+20 LT					0.11											8.75																			
196+50 LT					0.11											8.25																			
	ROUNDING				0.36		-								2	21																			
											LF	LF	LF		LF ~~10~~	LF ~~315~~	LF	EA.		LB	LB	LB		LB	LB	LB	LB								
TOTALS		SF ~~69~~ 58.66	SF	EA. ~~18~~ 19	SF						LF				LF ~~325~~ 317.25					LB			EA.	LB				EA.	EA.	LB					

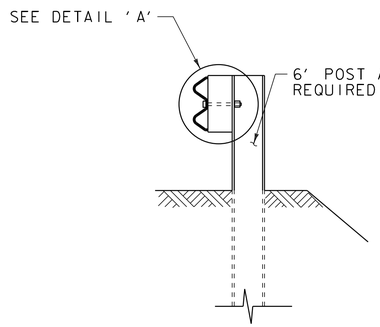
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #6

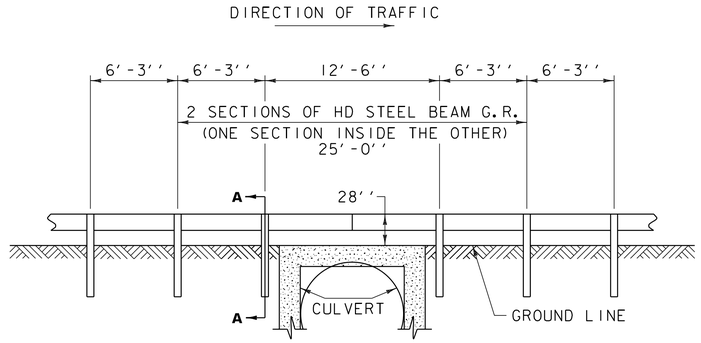
PROJECT NAME: WHITING - MIDDLEBURY
PROJECT NUMBER: STP 2629(11)
FILE NAME: p06c226.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
DWG. NO. p06c226tss6.i
PLOT DATE: 30-MAR-2012 14:14
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 51 OF 133



DETAIL A



SECTION A–A



STEEL BEAM GUARDRAIL AT SMALL CULVERT DETAIL

VT. ROUTE 30 BR 100A CORNWALL STA 32+43.5 TO STA 32+68.5 LT
VT. ROUTE 30 BR 100A CORNWALL STA 32+43.5 TO STA 32+68.5 RT

NOTES:

1. SEE STANDARD G-1 FOR STEEL BEAM GUARDRAIL DETAILS.
2. THIS WORK SHALL BE PAID UNDER ITEM 621.216 HD STEEL BEAM GUARDRAIL, GALVANIZED/NESTED AT A PAY FACTOR OF 1.0.
3. THIS DETAIL TO BE USED AS INDICATED ON THE ITEM DETAIL SUMMARY SHEET OR AS DIRECTED BY THE RESIDENT ENGINEER.

NOT TO SCALE

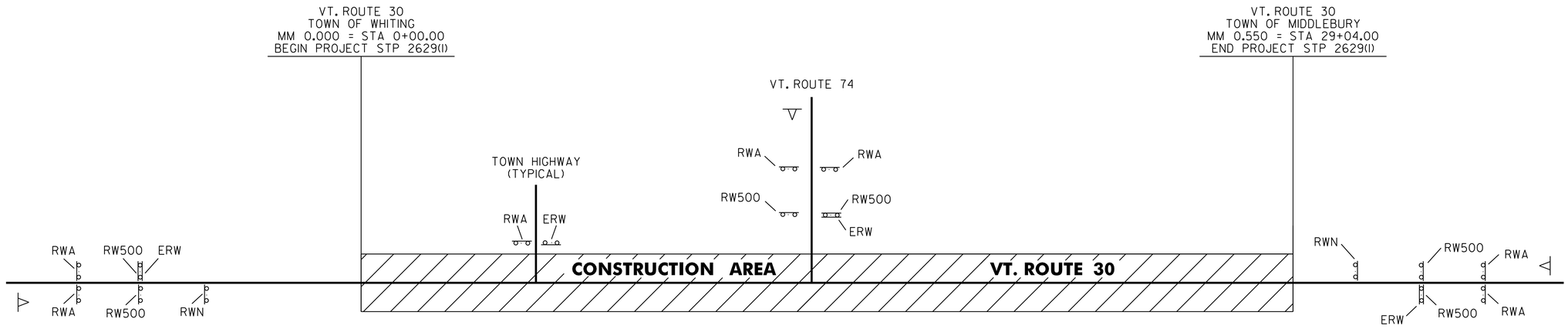
MISCELLANEOUS DETAILS SHEET

PROJECT NAME: WHITING - MIDDLEBURY

PROJECT NUMBER: STP 2629(1)

FILE NAME: p06c226.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
DWG. NO. p06c226md.i

PLOT DATE: 30-MAR-2012 14:14
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 52 OF 133



HIGHWAY NAME	RWA	ERW	RW500	RWN	OTHER
VT. ROUTE 30 - BEGIN PROJECT	2	1	2	1	1-PORTABLE CHANGEABLE MESSAGE SIGN
MURRAY ROAD (TH-15)	1	1			
BILODEAU ROAD (TH-12)	1	1			
LEICESTER ROAD (TH-1)	1	1			
SHOREHAM ROAD (TH-1)	1	1			
GIBEAULT ROAD (TH-9)	1	1			
STICKNEY ROAD (TH-4)	1	1			
DELONG ROAD (TH-25)	1	1			
SWAMP ROAD (TH-3)	1	1			
DOUGLAS ROAD (TH-28)	1	1			
PARKHILL ROAD (TH-1)	1	1			
CLARK ROAD (TH-21)	1	1			
LAMBERT LANE (TH-30)	1	1			
PEET ROAD (TH-19)	1	1			
VT. ROUTE 74	2	1	2		1-PORTABLE CHANGEABLE MESSAGE SIGN
PARK LANE (TH-29)	1	1			
SCHOOL ROAD (TH-24)	1	1			
MORSE ROAD (TH-18)	1	1			
SPERRY ROAD (TH-6)	1	1			
ROBBINS ROAD (TH-17)	1	1			
RIDGE ROAD (TH-9)	1	1			
CIDER MILL ROAD (TH-2)	1	1			
VT. ROUTE 30 - END PROJECT	2	1	2	1	1-PORTABLE CHANGEABLE MESSAGE SIGN
TOTAL	26	23	6	2	3-PORTABLE CHANGEABLE MESSAGE SIGN

SIGN LEGEND

RWA = ROAD WORK AHEAD
RW500 = ROAD WORK 500 FEET
ERW = END ROAD WORK
RWN = ROAD WORK NEXT 12 MILES

= PORTABLE CHANGEABLE MESSAGE SIGN

NOTES:

1. SEE VAOT STD. E-100 FOR ADDITIONAL SIGN PLACEMENT DETAILS.
2. TEMPORARY TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH SECTION 6 OF THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
3. CONSTRUCTION SIGNS SHALL BE IN NEW OR LIKE NEW CONDITION PER VAOT STANDARDS.
4. DIAMOND SHAPED SIGNS SHALL BE 4' X 4' WITH BLACK LEGEND ON FLUORESCENT ORANGE BACKGROUND.
5. PORTABLE CHANGEABLE MESSAGE SIGNS ARE TO BE USED AS DIRECTED BY THE RESIDENT ENGINEER.
6. PAYMENT FOR CONSTRUCTION SIGNING WILL BE MADE UNDER ITEM 641.10 TRAFFIC CONTROL.
7. CONES SHALL BE USED FOR DELINEATING THE TRAVEL SPACE ALONG THE TANGENT FOR THE ENTIRE LENGTH OF ANY LANE CLOSURE.
8. FLAGGER STATIONS SHALL BE A MAXIMUM OF 1500 FEET FROM THE FLAGGER AHEAD SIGN. WHEN FLAGGER STATIONS ARE MOVED BEYOND THIS DISTANCE, THE FLAGGER AHEAD SIGN SHALL BE MOVED ACCORDINGLY.
9. FLAGGER AHEAD SIGNS SHALL BE TURNED OR REMOVED WHEN FLAGGING OPERATIONS CEASE FOR MORE THAN 15 MINUTES.

NOT TO SCALE

TRAFFIC CONTROL PLAN SHEET

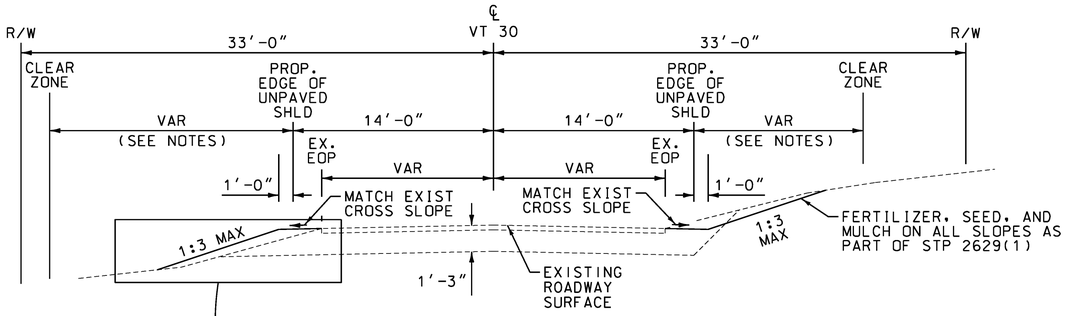
PROJECT NAME: WHITING - MIDDLEBURY
PROJECT NUMBER: STP 2629(I)

FILE NAME: p06c226.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
DWG. NO. p06c226tcp.i

PLOT DATE: 30-MAR-2012 14:14
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 53 OF 133

LEGEND:

VAR	= VARIES
PROP.	= PROPOSED
SHLD	= SHOULDER
EX. EOP	= EXISTING EDGE OF PAVEMENT
R/W	= RIGHT OF WAY



VT-30 SHOULDER REDEVELOPMENT
TYPICAL SECTION

NOTES:

1. CLEAR ZONE LENGTHS PER VERMONT STATE STANDARDS:
   FILL SECTIONS:
   1:4 OR FLATTER - CLEAR ZONE DISTANCE EQUALS 14'
   STEEPER THAN 1:4 - CLEAR ZONE DISTANCE SHOULD BE CONSIDERED TO BE BEYOND THE TOE OF SLOPE.
   CUT SECTIONS:
   1:4 OR FLATTER - CLEAR ZONE DISTANCE EQUALS 12'
   STEEPER THAN 1:4 - CLEAR ZONE DISTANCE EQUALS 12'

2. FULL DEPTH RECLAMATION PROJECT STP 2629(1) TO FOLLOW SHOULDER REDEVELOPMENT. PROJECT STP EH 08(13) TO PREPARE FOOTPRINT FOR ULTIMATE RECLAIM PROJECT.

3. PLACE FERTILIZER, SEED, AND MULCH IMMEDIATELY AFTER SLOPE IS GRADED. FERTILIZER, SEED, AND MULCH QUANTIFIED AND PAID FOR IN PROJECT STP 2629(1). NO EXPOSED SLOPES SHALL BE LEFT UNMULCHED OVERNIGHT. CONTRACTOR TO FOLLOW ALL APPLICABLE STORMWATER BEST MANAGEMENT PRACTICES OUTLINED IN THE LOW RISK HANDBOOK AS DIRECTED BY ENGINEER. REFER TO PROJECT STP 2629(1) FOR SEEDING AND FERTILIZING FORMULA.

4. ALL TRAFFIC CONTROL AND CONSTRUCTION ZONE SIGNS SHALL BE COORDINATED AND PAID FOR UNDER PROJECT STP 2629(1).

5. MOBILIZATION / DEMOBILIZATION AND FIELD OFFICE SHALL BE PAID FOR UNDER PROJECT STP 2629(1).

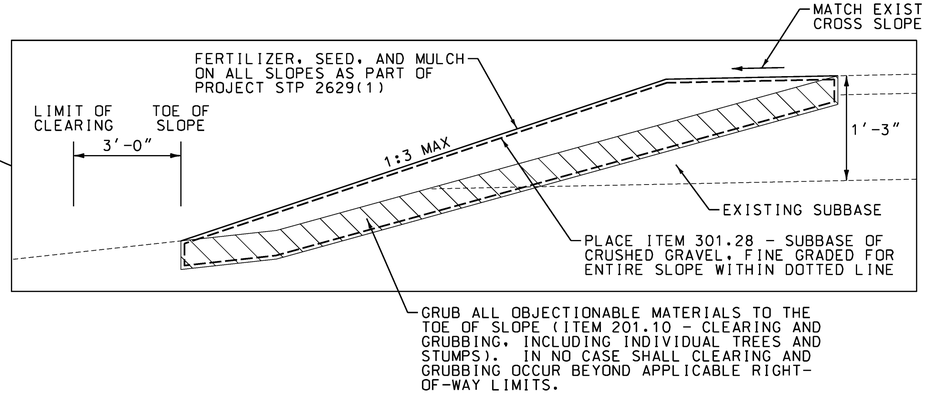
6. SAWCUTTING SHALL BE INCIDENTAL TO AND PAID UNDER ITEM 204.20 - TRENCH EXCAVATION OF EARTH.

7. EXCAVATION FOR CULVERTS AND REMOVAL OF EXISTING CULVERTS SHALL BE PAID UNDER ITEM 204.20 - TRENCH EXCAVATION OF EARTH.

8. ALL TELEPHONE RELOCATION WORK TO BE COMPLETED BY SHOREHAM TELECOM PRIOR TO COMMENCEMENT OF CONSTRUCTION.

9. ASPHALT PAVING AND ASSOCIATED WORK OVER EXCAVATED CULVERTS SHALL FOLLOW IMMEDIATELY AND BE PAID FOR IN PROJECT STP 2629(1)

10. REFER TO PROJECT STP 2629(1) FOR DISPOSITION OF ALL SIGNS IN PROJECT AREA.



DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

NO.	DATE	REVISIONS	BY	CK'D

RSG INC.
RESOURCE SYSTEMS GROUP, INC.
60 Lake Street, Unit 1E • Burlington, Vermont 05401
TEL 802.383.0118 • FAX 802.383.0122 • www.rsginc.com

Cornwall, Vermont

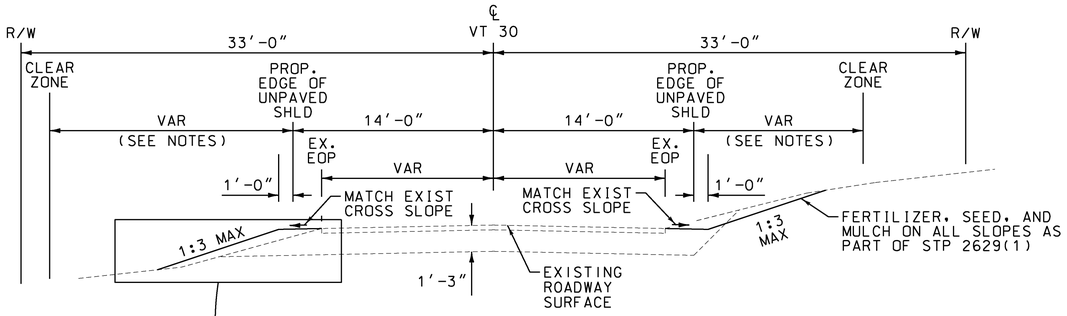
PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

FILE NAME: Z08F122BDR TYP.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
TYPICAL SECTION SHEET

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 55 OF 133

LEGEND:

VAR	= VARIES
PROP.	= PROPOSED
SHLD	= SHOULDER
EX. EOP	= EXISTING EDGE OF PAVEMENT
R/W	= RIGHT OF WAY



VT-30 SHOULDER REDEVELOPMENT
TYPICAL SECTION

NOTES:

1. CLEAR ZONE LENGTHS PER VERMONT STATE STANDARDS:
   FILL SECTIONS:
   1:4 OR FLATTER - CLEAR ZONE DISTANCE EQUALS 14'
   STEEPER THAN 1:4 - CLEAR ZONE DISTANCE SHOULD BE CONSIDERED TO BE BEYOND THE TOE OF SLOPE.
   CUT SECTIONS:
   1:4 OR FLATTER - CLEAR ZONE DISTANCE EQUALS 12'
   STEEPER THAN 1:4 - CLEAR ZONE DISTANCE EQUALS 12'

2. FULL DEPTH RECLAMATION PROJECT STP 2629(1) TO FOLLOW SHOULDER REDEVELOPMENT. PROJECT STP EH 08(13) TO PREPARE FOOTPRINT FOR ULTIMATE RECLAIM PROJECT.

3. PLACE FERTILIZER, SEED, AND MULCH IMMEDIATELY AFTER SLOPE IS GRADED. FERTILIZER, SEED, AND MULCH QUANTIFIED AND PAID FOR IN PROJECT STP 2629(1). NO EXPOSED SLOPES SHALL BE LEFT UNMULCHED OVERNIGHT. CONTRACTOR TO FOLLOW ALL APPLICABLE STORMWATER BEST MANAGEMENT PRACTICES OUTLINED IN THE LOW RISK HANDBOOK AS DIRECTED BY ENGINEER. REFER TO PROJECT STP 2629(1) FOR SEEDING AND FERTILIZING FORMULA.

4. ALL TRAFFIC CONTROL AND CONSTRUCTION ZONE SIGNS SHALL BE COORDINATED AND PAID FOR UNDER PROJECT STP 2629(1).

5. MOBILIZATION / DEMOBILIZATION AND FIELD OFFICE SHALL BE PAID FOR UNDER PROJECT STP 2629(1).

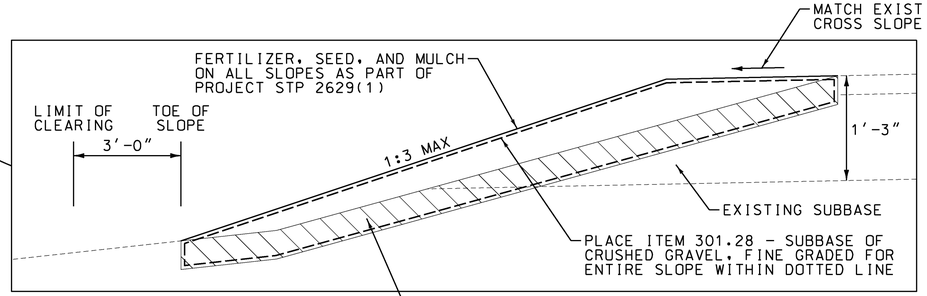
6. SAWCUTTING SHALL BE INCIDENTAL TO AND PAID UNDER ITEM 204.20 - TRENCH EXCAVATION OF EARTH.

7. EXCAVATION FOR CULVERTS AND REMOVAL OF EXISTING CULVERTS SHALL BE PAID UNDER ITEM 204.20 - TRENCH EXCAVATION OF EARTH.

8. ALL TELEPHONE RELOCATION WORK TO BE COMPLETED BY SHOREHAM TELECOM PRIOR TO COMMENCEMENT OF CONSTRUCTION.

9. ASPHALT PAVING AND ASSOCIATED WORK OVER EXCAVATED CULVERTS SHALL FOLLOW IMMEDIATELY AND BE PAID FOR IN PROJECT STP 2629(1)

10. REFER TO PROJECT STP 2629(1) FOR DISPOSITION OF ALL SIGNS IN PROJECT AREA.



DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

NO.	DATE	REVISIONS	BY	CK'D

RSG INC.
RESOURCE SYSTEMS GROUP, INC.
60 Lake Street, Unit 1E • Burlington, Vermont 05401
TEL 802.383.0118 • FAX 802.383.0122 • www.rsginc.com

Cornwall, Vermont

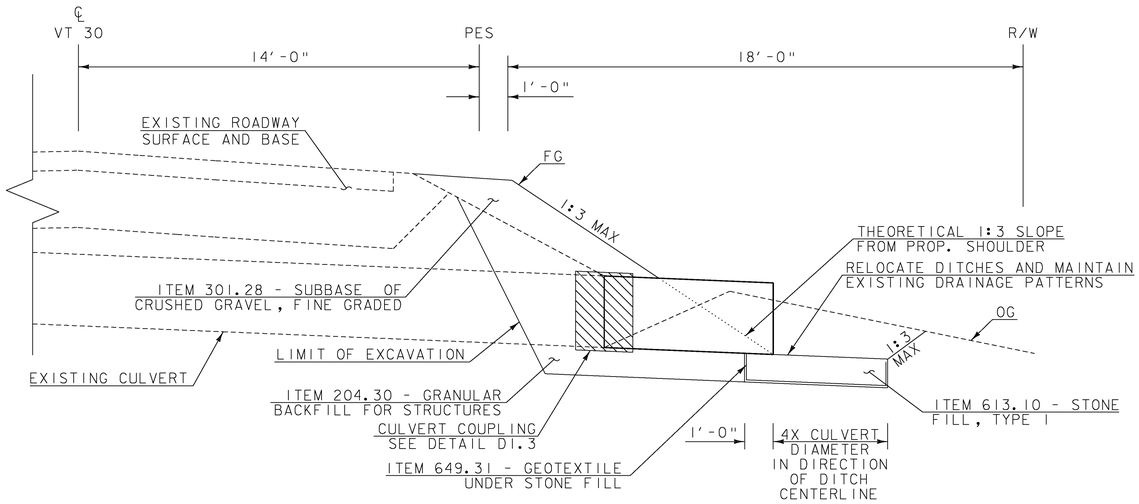
PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

FILE NAME: Z08F122BDR TYP.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
TYPICAL SECTION SHEET

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 55 OF 133

LEGEND:

FG	=	FINISHED GRADE
OG	=	ORIGINAL GROUND
PES	=	PROPOSED EDGE OF SHOULDER
R/W	=	RIGHT OF WAY
EX. EOP	=	EXISTING EDGE OF PAVEMENT
EX. EUS	=	EXISTING EDGE OF UNPAVED SHOULDER



NOTES:

1. 12" OF STONE FILL, TYPE I (ITEM 613.10) SHALL BE PLACED AT ALL MODIFIED CULVERT OUTLETS. WIDTH OF OUTLET PROTECTION SHALL BE TWICE THE PIPE DIAMETER.

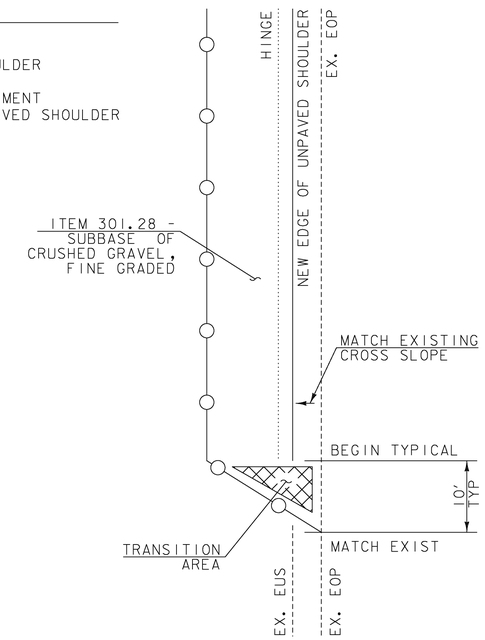
2. REFER TO DETAIL DI.3 FOR CULVERT COUPLING INSTALLATION.

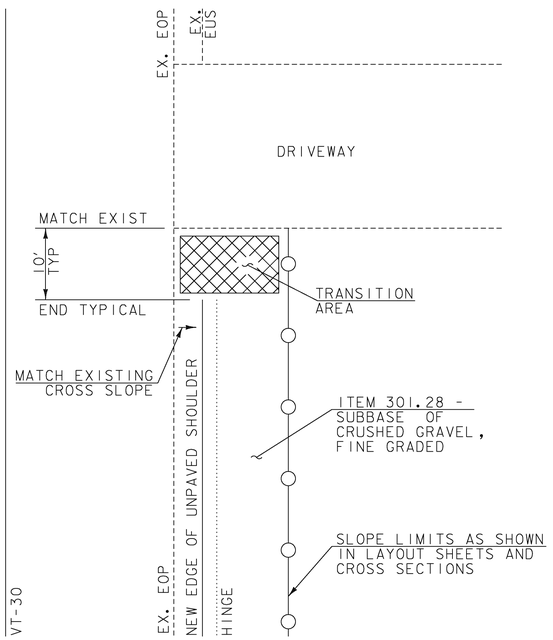
3. EXCAVATION WITHIN LIMITS SHOWN FOR PIPE EXTENSION WILL BE PAID UNDER CONTRACT ITEM 204.20. BACKFILL MATERIAL WILL BE PAID UNDER CONTRACT ITEM 204.30.

CULVERT EXTENSION INSTALLATION – 1:3 SLOPE OR FLATTER

DI.1

NOT TO SCALE





NOTES:

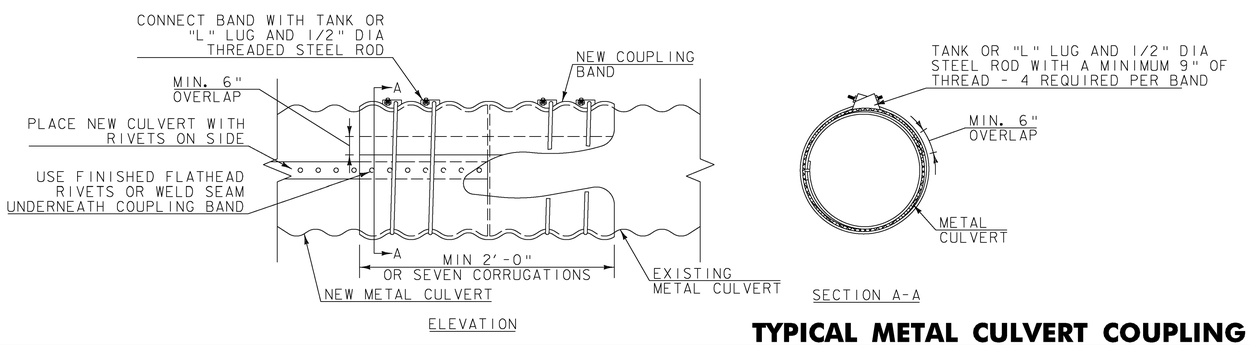
1. CROSS SLOPE OF TRANSITION AREA WILL VARY FROM THE EXISTING GRADE AT THE MATCH AREA TO THE EXISTING CROSS SLOPE OF VT-30.

2. EXTEND THE TRANSITION AREA AS NEEDED SUCH THAT THE LONGITUDINAL SLOPE SHALL NOT EXCEED 10%.

TRANSITION AREAS

DI.2

NOT TO SCALE



TYPICAL METAL CULVERT COUPLING

DI.3

NOT TO SCALE

NOTES:

1. NEW CULVERT EXTENSIONS SHALL BE OF THE SAME MATERIAL, INSIDE DIAMETER, AND CORRUGATION PATTERN AS EXISTING CULVERT.

2. ALL EXISTING CRUSHED CULVERT ENDS SHALL BE CLEANLY CUT BACK TO AN ACCEPTABLE CONDITION AS DETERMINED BY THE ENGINEER. PAYMENT WILL BE CONSIDERED INCIDENTAL TO THE NEW PIPE ITEM.

3. CLEANLY CUT EXISTING CULVERT ENDS TO ENSURE THE CULVERT CORRUGATION PATTERN IS CONTINUOUS BETWEEN NEW AND EXISTING CULVERTS WITH A MAXIMUM GAP BETWEEN CULVERTS OF 1".

4. REFER TO DETAIL DI.1 FOR CULVERT EXTENSION INSTALLATION.

5. ALTERNATIVE CULVERT COUPLING METHODS MAY BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL.

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

NO.	DATE	REVISIONS	BY	CK'D

RSG INC.
RESOURCE SYSTEMS GROUP, INC.
60 Lake Street, Unit 1E • Burlington, Vermont 05401
TEL 802.363.0118 • FAX 802.383.0122 • www.rsginc.com

Seal of Cornwall, Vermont 1763

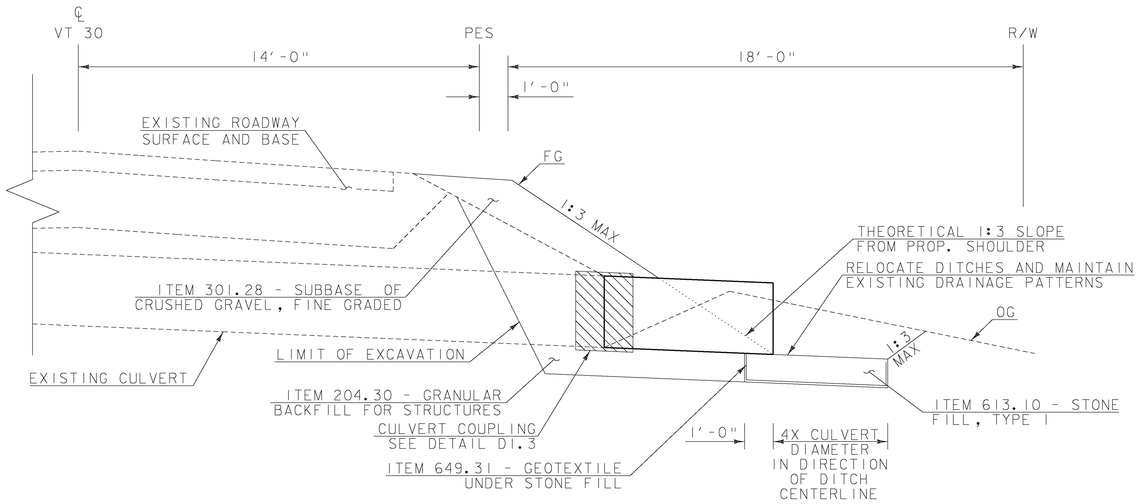
PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

FILE NAME: Z08F122BDR DET.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
DETAIL SHEET 1

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS

LEGEND:

FG	=	FINISHED GRADE
OG	=	ORIGINAL GROUND
PES	=	PROPOSED EDGE OF SHOULDER
R/W	=	RIGHT OF WAY
EX. EOP	=	EXISTING EDGE OF PAVEMENT
EX. EUS	=	EXISTING EDGE OF UNPAVED SHOULDER



NOTES:

1. 12" OF STONE FILL, TYPE I (ITEM 613.10) SHALL BE PLACED AT ALL MODIFIED CULVERT OUTLETS. WIDTH OF OUTLET PROTECTION SHALL BE TWICE THE PIPE DIAMETER.

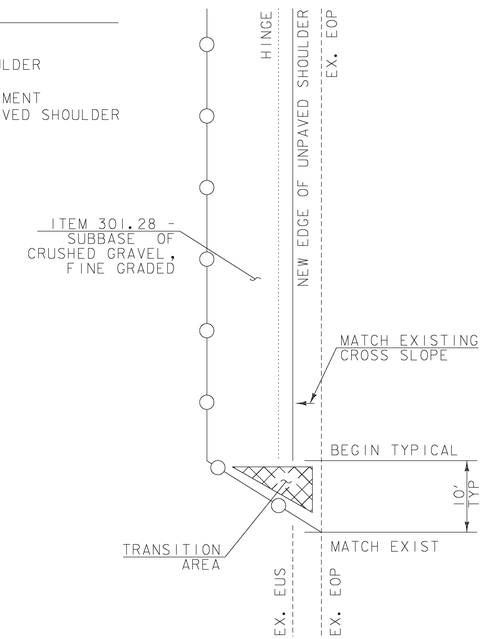
2. REFER TO DETAIL DI.3 FOR CULVERT COUPLING INSTALLATION.

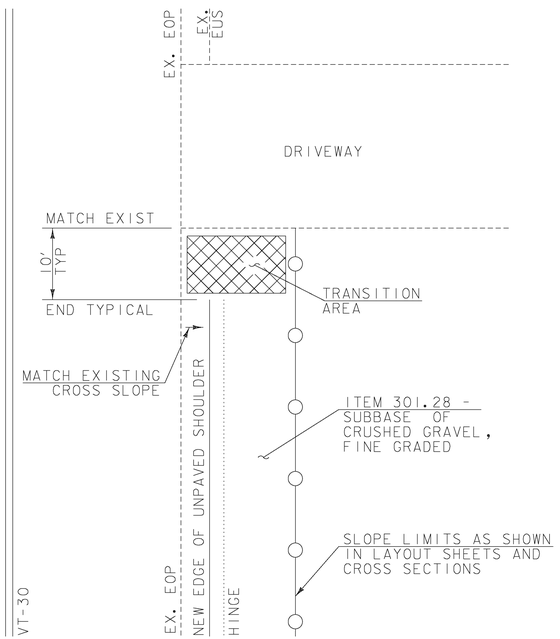
3. EXCAVATION WITHIN LIMITS SHOWN FOR PIPE EXTENSION WILL BE PAID UNDER CONTRACT ITEM 204.20. BACKFILL MATERIAL WILL BE PAID UNDER CONTRACT ITEM 204.30.

CULVERT EXTENSION INSTALLATION – 1:3 SLOPE OR FLATTER

DI.1

NOT TO SCALE





NOTES:

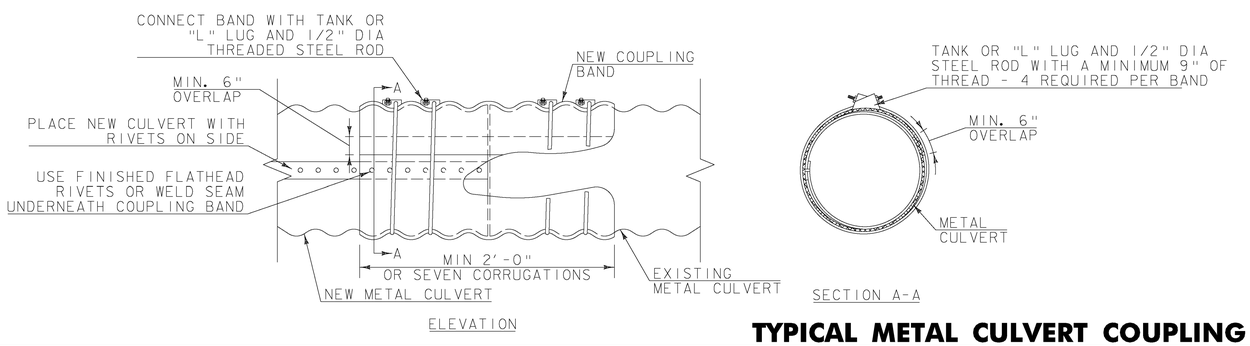
1. CROSS SLOPE OF TRANSITION AREA WILL VARY FROM THE EXISTING GRADE AT THE MATCH AREA TO THE EXISTING CROSS SLOPE OF VT-30.

2. EXTEND THE TRANSITION AREA AS NEEDED SUCH THAT THE LONGITUDINAL SLOPE SHALL NOT EXCEED 10%.

TRANSITION AREAS

DI.2

NOT TO SCALE



NOTES:

1. NEW CULVERT EXTENSIONS SHALL BE OF THE SAME MATERIAL, INSIDE DIAMETER, AND CORRUGATION PATTERN AS EXISTING CULVERT.

2. ALL EXISTING CRUSHED CULVERT ENDS SHALL BE CLEANLY CUT BACK TO AN ACCEPTABLE CONDITION AS DETERMINED BY THE ENGINEER. PAYMENT WILL BE CONSIDERED INCIDENTAL TO THE NEW PIPE ITEM.

3. CLEANLY CUT EXISTING CULVERT ENDS TO ENSURE THE CULVERT CORRUGATION PATTERN IS CONTINUOUS BETWEEN NEW AND EXISTING CULVERTS WITH A MAXIMUM GAP BETWEEN CULVERTS OF 1".

4. REFER TO DETAIL DI.1 FOR CULVERT EXTENSION INSTALLATION.

5. ALTERNATIVE CULVERT COUPLING METHODS MAY BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL.

TYPICAL METAL CULVERT COUPLING

DI.3

NOT TO SCALE

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

NO.	DATE	REVISIONS	BY	CK'D

RSG INC.
RESOURCE SYSTEMS GROUP, INC.
60 Lake Street, Unit 1E • Burlington, Vermont 05401
TEL 802.363.0118 • FAX 802.383.0122 • www.rsginc.com

Seal of Cornwall, Vermont 1961

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

FILE NAME: Z08F122BDR DET.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
DETAIL SHEET 1

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS

ITEM 601.0915 - 18" CPEP CULVERT
STA. 199+47

ITEM 613.10 - STONE FILL, TYPE I

STA 199+38	23.8 RT
STA 201+56 - 201+68	16.8 RT
STA 201+83 - 202+43	16.8 RT
STA 203+50 - 203+76	17.2 RT

ITEM 653.20 - TEMPORARY EROSION MATTING

STA 203+76 - 203+90	17.2 RT

ITEM 653.40 - INLET PROTECTION DEVICE, TYPE I

STA 199+54	23.3 LT

ITEM 653.60 - EROSION LOG

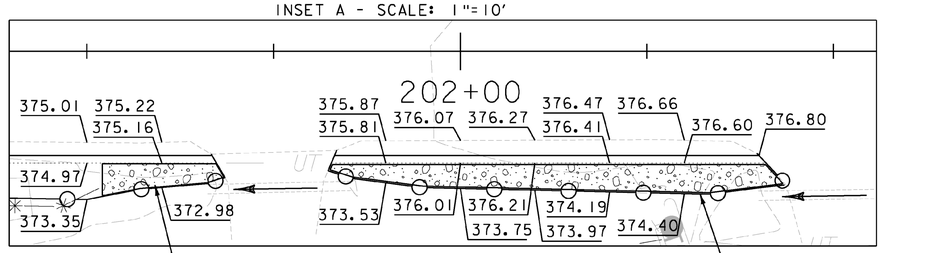
STA 198+97 - 201+52	RT

LIMITS OF WORK

STA 198+78 - 200+61	LT
STA 198+82 - 201+67	RT
STA 201+82 - 202+44	RT
STA 203+52 - 203+95	RT

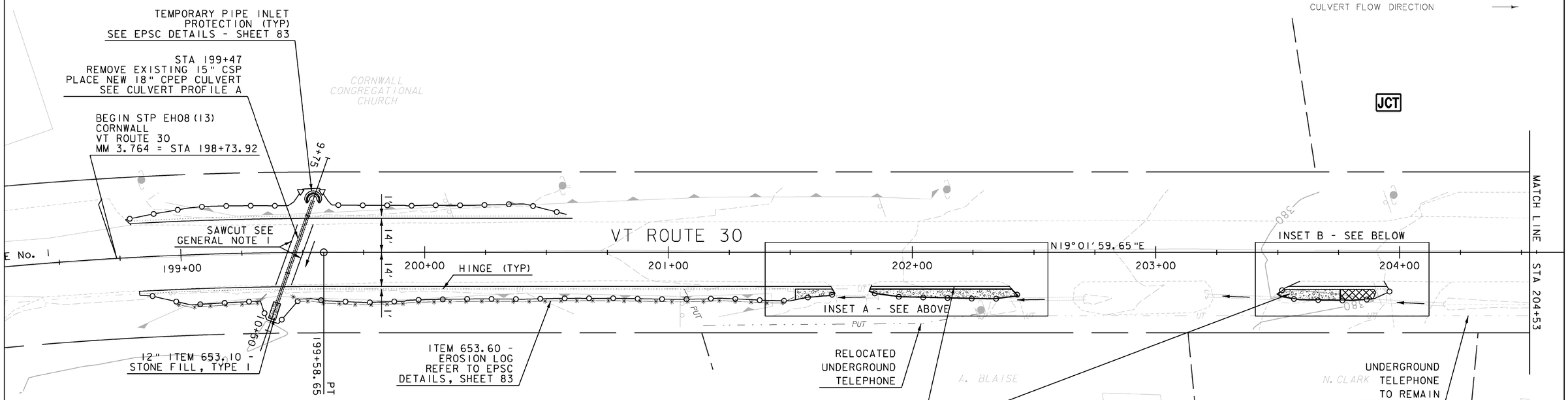
CURVE No. 1 DATA
Δ = 14°04'50" RT
R = 1450.00 FT
T = 179.07 FT
L = 356.34 FT
E = 11.02 FT
D = 3°57'05"

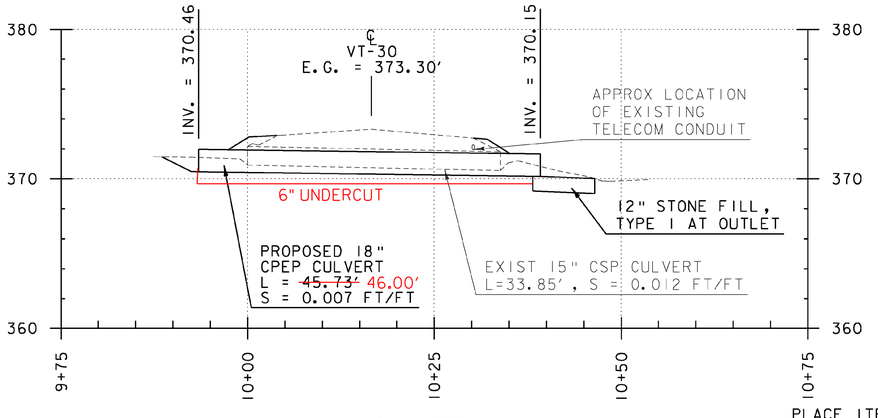
INSET A - SCALE: 1"=10'



LEGEND

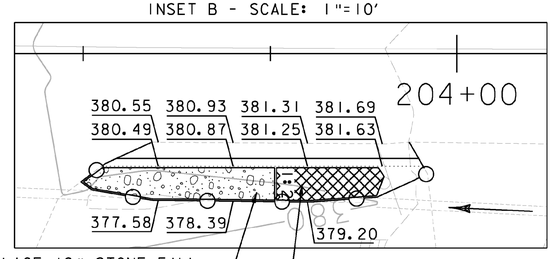
- EXISTING EDGE OF PAVEMENT
- EXISTING CULVERT
- EXISTING STONE WALL
- EXISTING FENCE
- EXISTING TREE LINE
- EXISTING TREES
- WETLAND BOUNDARY
- TOE OF SLOPE
- TOE OF CUT
- EXISTING RIGHT OF WAY
- EXISTING SIDELINES
- PROJECT DEMARCATION FENCE (PDF—PDF)
- EROSION LOG
- TEMPORARY INLET PROTECTION
- EROSION MATTING
- STONE FILL
- CULVERT FLOW DIRECTION

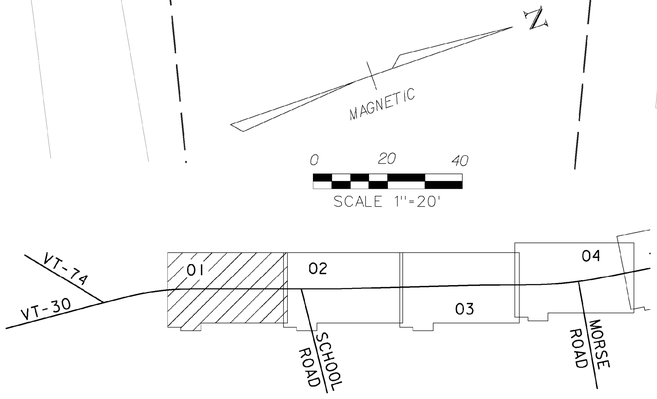




STA. 199+47
CULVERT PROFILE A
SCALE:
1"=10' H
1"=5' V

INSET B - SCALE: 1"=10'





LAYOUT SHEET LOCATOR

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

NO.	DATE	REVISIONS	BY	CK'D

RSG INC.
RESOURCE SYSTEMS GROUP, INC.
60 Lake Street, Unit 1E • Burlington, Vermont 05401
TEL 802.383.0118 • FAX 802.383.0122 • www.rsginc.com

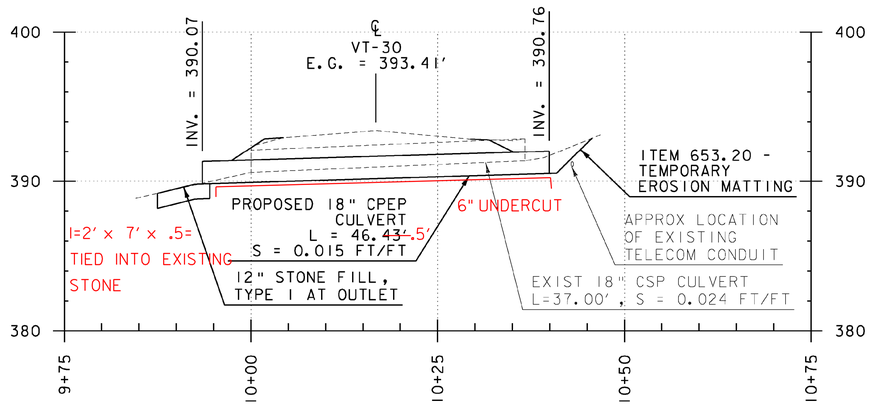
Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

FILE NAME: Z08F122BDR NU.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
LAYOUT SHEET 1

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 58 OF 133

LIMITS OF WORK	
STA 205+87 - 206+13	LT
STA 206+26 - 207+23	LT
STA 207+88 - 208+09	LT
STA 207+93 - 209+01	RT
STA 209+91 - 210+78	RT
STA 209+94 - 210+78	LT



LEGEND

- EXISTING EDGE OF PAVEMENT
- EXISTING CULVERT
- EXISTING STONE WALL
- EXISTING FENCE
- EXISTING TREE LINE
- EXISTING TREES
- WETLAND BOUNDARY
- TOE OF SLOPE
- TOE OF CUT
- EXISTING RIGHT OF WAY
- EXISTING SIDELINES
- PROJECT DEMARCATION FENCE (PDF—PDF)
- EROSION LOG
- TEMPORARY INLET PROTECTION
- EROSION MATTING
- STONE FILL
- CULVERT FLOW DIRECTION

CHAMPLAIN VALLEY MOTORSPORTS

STA. 208+00
CULVERT PROFILE B
SCALE:
1"=10' H
1"=5' V

PC 206+22.32

12" ITEM 653.10 - STONE FILL, TYPE I

PT 208+02.65

PROTECT TELEPHONE PEDESTAL IN PLACE

ABANDONED UNDERGROUND TELEPHONE - SEE NOTE 8 ON SHEET 55

SAWCUT - SEE NOTE 6 ON SHEET 55

MATCH LINE - STA 204+53

N19°01'59.65"E

VT ROUTE 30

CURVE No. 2

N17°33'26.05"E

MATCH LINE - STA 210+78

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

14'

UNDERGROUND TELEPHONE TO REMAIN

STA. 208+00
REMOVE EXISTING 18" CSP
PLACE 18" CPEP CULVERT
SEE PROPOSED CULVERT PROFILE B

RELOCATE DITCH, PLACE 12" STONE FILL, TYPE I

ITEM 653.20 - TEMPORARY EROSION MATTING

PI 207+12.49

SCHOOL ROAD TH-24

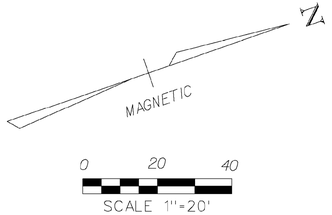
ITEM 601.0915 - 18" CPEP
STA. 208+00

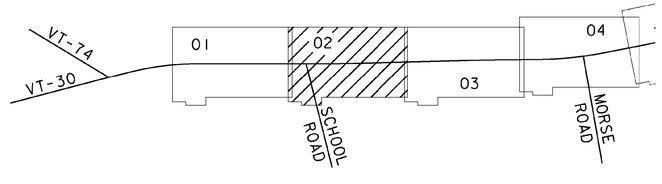
ITEM 613.10 - STONE FILL, TYPE I

STA 207+97	25.9 LT
STA 208+05 - 208+20	22.2 RT

ITEM 653.20 - TEMPORARY EROSION MATTING
STA 207+98 - 208+20 28.6 RT

ITEM 653.40 - INLET PROTECTION DEVICE, TYPE I
STA 208+01 24.6 RT





LAYOUT SHEET LOCATOR

CURVE No. 2 DATA
Δ = 1°28'34" LT
R = 7000.00 FT
T = 90.17 FT
L = 180.33 FT
E = 0.58 FT
D = 0°49'07"

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

NO.	DATE	REVISIONS	BY	CK'D

RSG INC.
RESOURCE SYSTEMS GROUP, INC.
60 Lake Street, Unit 1E • Burlington, Vermont 05401
TEL 802.383.0118 • FAX 802.383.0122 • www.rsginc.com

Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

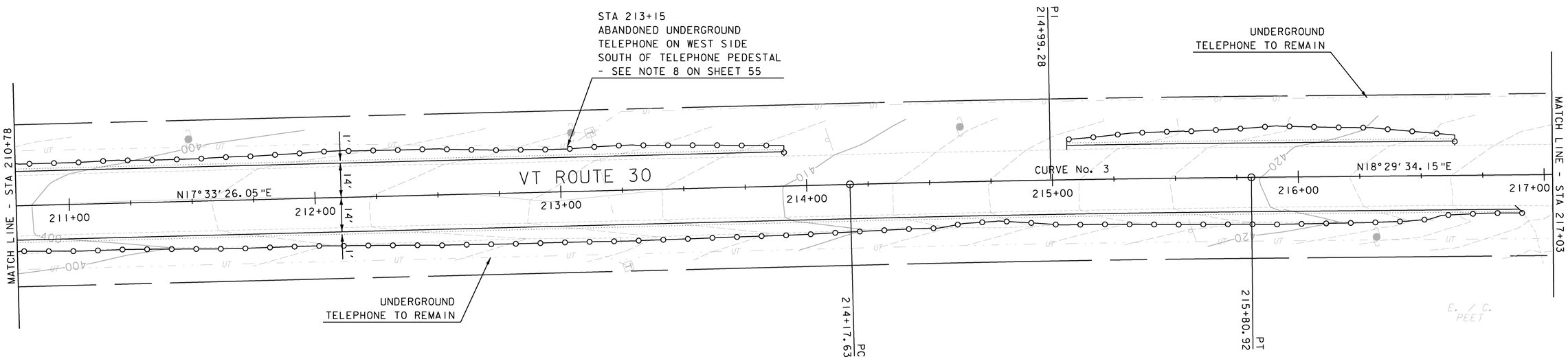
FILE NAME: Z08F122BDR NU.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
LAYOUT SHEET 2

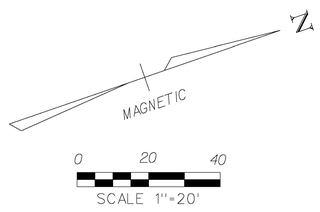
PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 59 OF 133

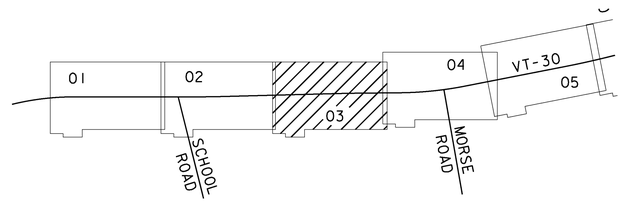
LIMITS OF WORK	
STA 210+78 - 213+91	LT
STA 210+78 - 216+91	RT
STA 215+06 - 216+64	LT

LEGEND

EXISTING EDGE OF PAVEMENT
EXISTING CULVERT
EXISTING STONE WALL
EXISTING FENCE
EXISTING TREE LINE
EXISTING TREES
WETLAND BOUNDARY
TOE OF SLOPE
TOE OF CUT
EXISTING RIGHT OF WAY
EXISTING SIDELINES
PROJECT DEMARCATION FENCE
EROSION LOG
TEMPORARY INLET PROTECTION
EROSION MATTING
STONE FILL
CULVERT FLOW DIRECTION







LAYOUT SHEET LOCATOR

CURVE No. 3 DATA
Δ = 0°56'08" RT
R = 10000.00 FT
T = 81.65 FT
L = 163.29 FT
E = 0.33 FT
D = 0°34'23"

NO.	DATE	REVISIONS	BY	CK'D

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

RSG INC.
RESOURCE SYSTEMS GROUP, INC.
60 Lake Street, Unit 1E • Burlington, Vermont 05401
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Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

FILE NAME: Z08F122BDR NU.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
LAYOUT SHEET 3

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 60 OF 133

ITEM 601.0010 - 15" CSP, (0.064, 2-2/3 X 1/2)
STA. 222+25 RT

ITEM 601.0015 - 18" CSP, (0.064, 2-2/3 X 1/2)
STA 221+21 LT & RT

ITEM 613.10 - STONE FILL, TYPE I

STA 221+16	23.0 LT
STA 222+39 - 222+53	20.8 RT

ITEM 653.20 - TEMPORARY EROSION MATTING

STA 220+38 - 221+34	LT
STA 220+50 - 221+66	RT
STA 222+32 - 222+57	RT

ITEM 653.40 - INLET PROTECTION DEVICE, TYPE I

STA 221+25	23.7 RT
STA 222+36	24.6 RT

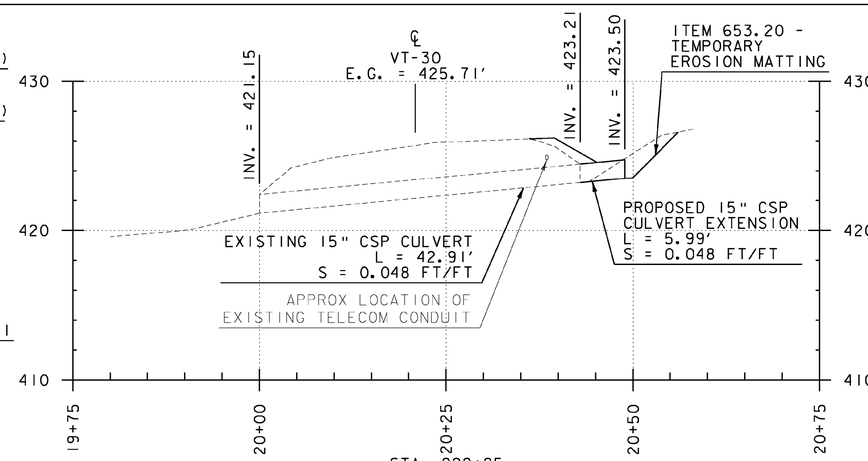
ITEM 653.55 - PROJECT DEMARCATION FENCE

STA 220+28 - 221+41	LT
STA 220+43 - 221+67	RT

ITEM 653.60 - EROSION LOG

STA 219+28 - 219+80	RT
STA 220+51 - 221+64	RT
STA 220+81 - 221+28	LT

CURVE No. 4 DATA
Δ = 10°32'06" LT
R = 2000.00 FT
T = 184.39 FT
L = 367.74 FT
E = 8.48 FT
D = 2°51'53"



STA. 222+25
CULVERT PROFILE D
SCALE:
1"=10' H
1"=5' V

LIMITS OF WORK	
STA 218+92 - 220+10	RT
STA 220+25 - 221+37	LT
STA 220+50 - 221+68	RT
STA 222+16 - 223+03	RT
STA 222+63 - 223+03	LT

ITEM 621.20 - STEEL BEAM GUARDRAIL, GALVANIZED

STA 221+04 - 221+29	14.0 RT
STA 221+10 - 221+34	14.0-18.8 LT

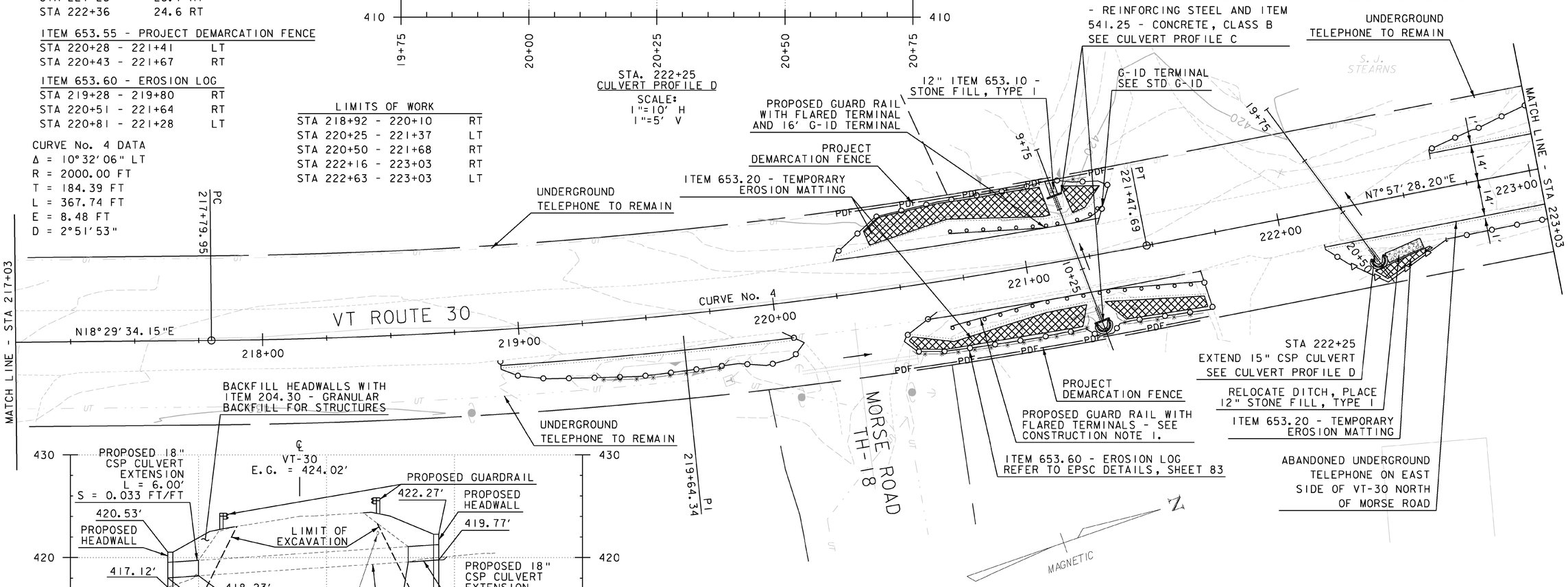
ITEM 621.50 - MANUFACTURED TERMINAL SECTION, FLARED

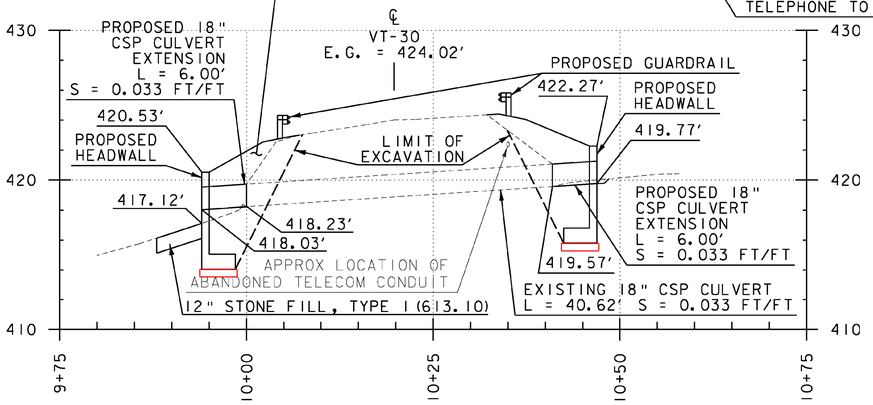
STA 220+67 - 221+04	14.0-18.0 RT
STA 220+72 - 221+10	14.0-18.0 LT
STA 221+29 - 221+66	14.0-18.0 RT

ITEM 621.60 - ANCHOR FOR STEEL BEAM RAIL
STA 221+26 14.0 LT

LEGEND

- EXISTING EDGE OF PAVEMENT
- EXISTING CULVERT
- EXISTING STONE WALL
- EXISTING FENCE
- EXISTING TREE LINE
- EXISTING TREES
- WETLAND BOUNDARY
- TOE OF SLOPE
- TOE OF CUT
- EXISTING RIGHT OF WAY
- EXISTING SIDELINES
- PROJECT DEMARCATION FENCE (PDF)
- EROSION LOG
- TEMPORARY INLET PROTECTION
- EROSION MATTING
- STONE FILL
- CULVERT FLOW DIRECTION

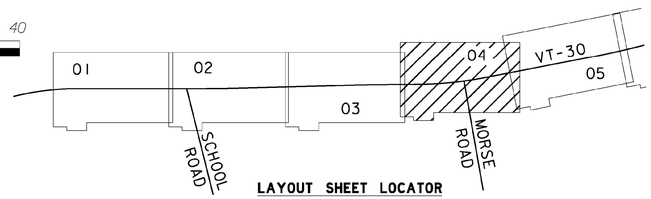




STA. 221+21
CULVERT PROFILE C
SCALE:
1"=10' H
1"=5' V

CONSTRUCTION NOTES:
1. GUARDRAIL TO BE PAID FOR UNDER ITEM 621.20 - STEEL BEAM GUARDRAIL, GALVANIZED. FLARED TERMINAL SECTIONS TO BE PAID FOR UNDER ITEM 621.50 - MANUFACTURED TERMINAL SECTION, FLARED. G-ID TERMINAL SECTION TO BE PAID FOR UNDER ITEM 621.20 - STEEL BEAM GUARDRAIL, GALVANIZED, AND ITEM 621.60 - ANCHOR FOR STEEL BEAM RAIL.

0 20 40
SCALE 1"=20'



LAYOUT SHEET LOCATOR

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

NO.	DATE	REVISIONS	BY	CK'D

RSG INC.
RESOURCE SYSTEMS GROUP, INC.
60 Lake Street, Unit 1E • Burlington, Vermont 05401
TEL 802.383.0118 • FAX 802.383.0122 • www.rsginc.com

Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

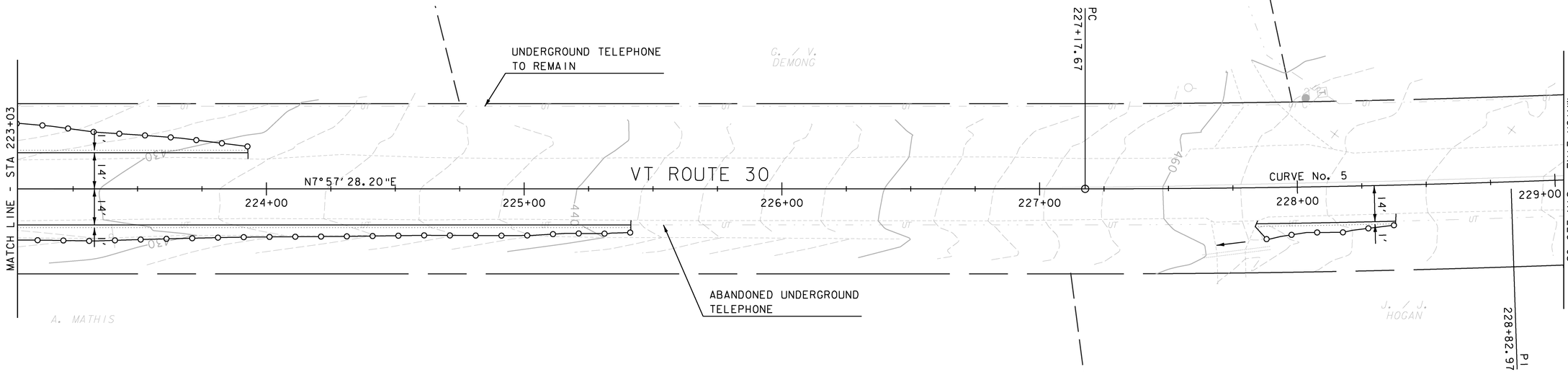
FILE NAME: Z08F122BDR NU.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
LAYOUT SHEET 4

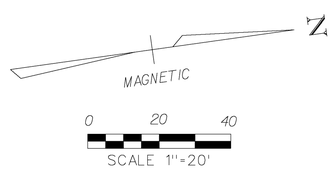
PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 61 OF 133

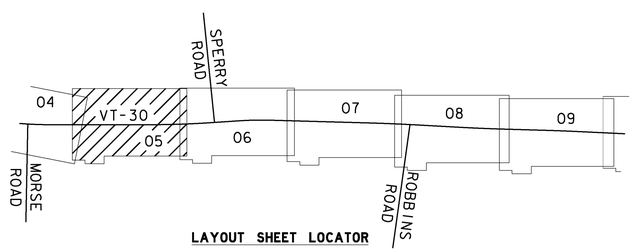
LIMITS OF WORK	
STA 223+03 - 223+93	LT
STA 223+03 - 225+41	RT
STA 227+83 - 228+38	RT

LEGEND

- EXISTING EDGE OF PAVEMENT
- EXISTING CULVERT
- EXISTING STONE WALL
- EXISTING FENCE
- EXISTING TREE LINE
- EXISTING TREES
- WETLAND BOUNDARY
- TOE OF SLOPE
- TOE OF CUT
- EXISTING RIGHT OF WAY
- EXISTING SIDELINES
- PROJECT DEMARCATION FENCE (PDF)
- EROSION LOG
- TEMPORARY INLET PROTECTION
- EROSION MATTING
- STONE FILL
- CULVERT FLOW DIRECTION







LAYOUT SHEET LOCATOR

CURVE No. 5 DATA
Δ = 3°47'14" LT
R = 5000.00 FT
T = 165.30 FT
L = 330.49 FT
E = 2.73 FT
D = 1°08'45"

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

NO.	DATE	REVISIONS	BY	CK'D

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RESOURCE SYSTEMS GROUP, INC.
60 Lake Street, Unit 1E • Burlington, Vermont 05401
TEL 802.383.0118 • FAX 802.383.0122 • www.rsginc.com

Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

FILE NAME: Z08F122BDR NU.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
LAYOUT SHEET 5

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS

LIMITS OF WORK	
STA 229+32 - 229+78	LT
STA 231+53 - 232+10	RT
STA 232+72 - 234+34	LT
STA 232+79 - 235+03	RT

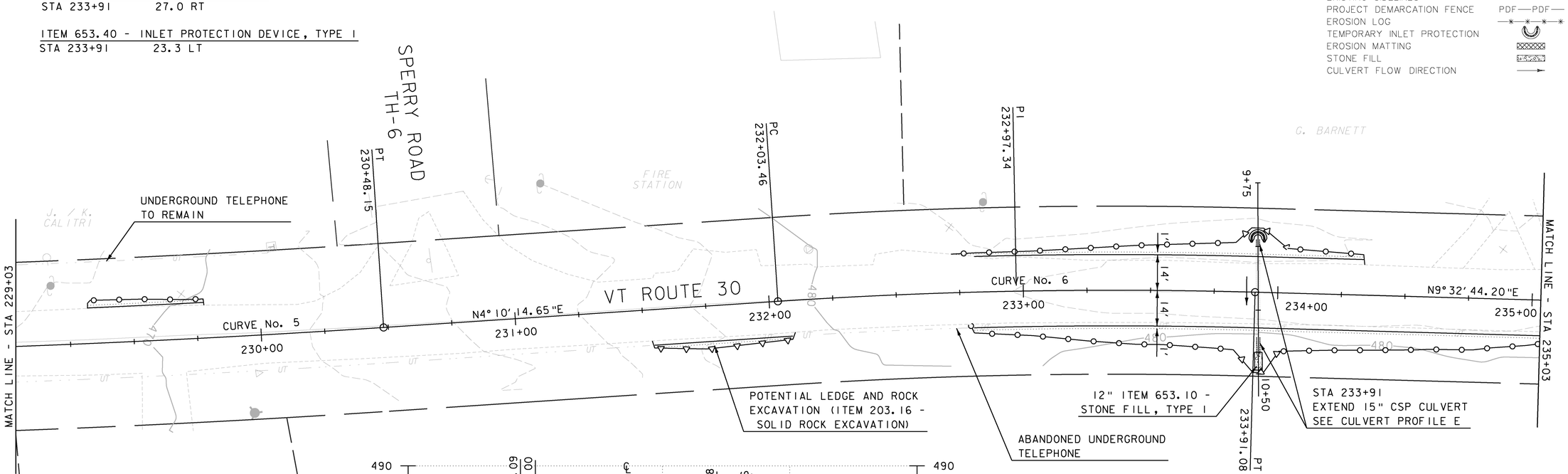
ITEM 601.0010 - 15" CSP (0.064, 2-2/3 X 1/2)
STA. 233+91 LT & RT

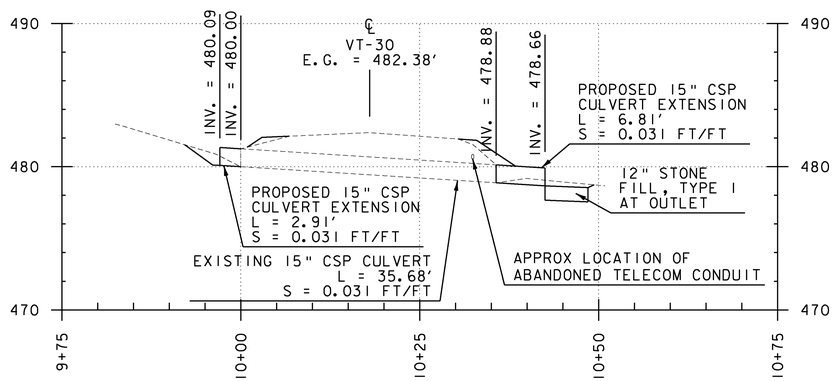
ITEM 613.11 - STONE FILL, TYPE I
STA 233+91 27.0 RT

ITEM 653.40 - INLET PROTECTION DEVICE, TYPE I
STA 233+91 23.3 LT

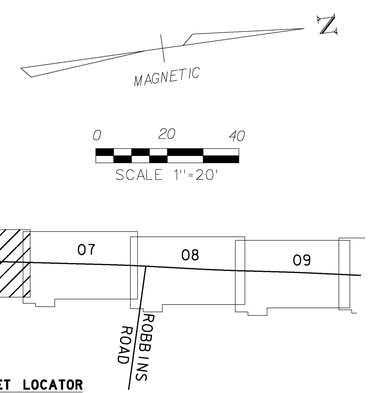
LEGEND

- EXISTING EDGE OF PAVEMENT
- EXISTING CULVERT
- EXISTING STONE WALL
- EXISTING FENCE
- EXISTING TREE LINE
- EXISTING TREES
- WETLAND BOUNDARY
- TOE OF SLOPE
- TOE OF CUT
- EXISTING RIGHT OF WAY
- EXISTING SIDELINES
- PROJECT DEMARCATION FENCE (PDF — PDF)
- EROSION LOG
- TEMPORARY INLET PROTECTION
- EROSION MATTING
- STONE FILL
- CULVERT FLOW DIRECTION





STA 233+91
CULVERT PROFILE E
SCALE:
1"=10' H
1"=5' V



LAYOUT SHEET LOCATOR

CURVE No. 5 DATA	CURVE No. 6 DATA
Δ = 3°47' 14" LT	Δ = 5°22' 30" RT
R = 5000.00 FT	R = 2000.00 FT
T = 165.30 FT	T = 93.88 FT
L = 330.49 FT	L = 187.62 FT
E = 2.73 FT	E = 2.20 FT
D = 1°08' 45"	D = 2°51' 53"

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

NO.	DATE	REVISIONS	BY	CK'D

RSG INC.
RESOURCE SYSTEMS GROUP, INC.
60 Lake Street, Unit 1E • Burlington, Vermont 05401
TEL 802.383.0118 • FAX 802.383.0122 • www.rsginc.com

Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

FILE NAME: Z08F122BDR NU.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
LAYOUT SHEET 6

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS

LIMITS OF WORK	
STA 235+03 - 239+55	RT
STA 236+75 - 239+91	LT

ITEM 601.0025 - 24" CSP (0.064, 2-2/3 X 1/2)
STA. 238+36 LT

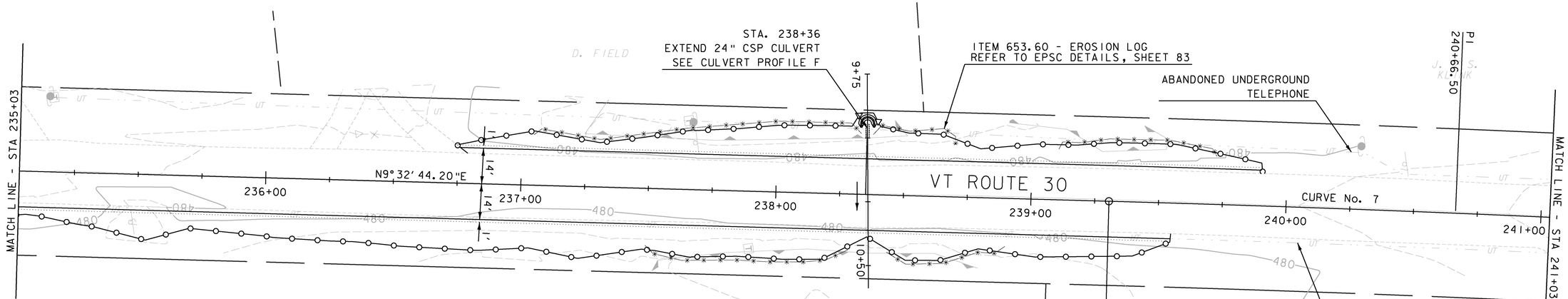
ITEM 653.40 - INLET PROTECTION DEVICE, TYPE I
STA 238+35 30.0 LT

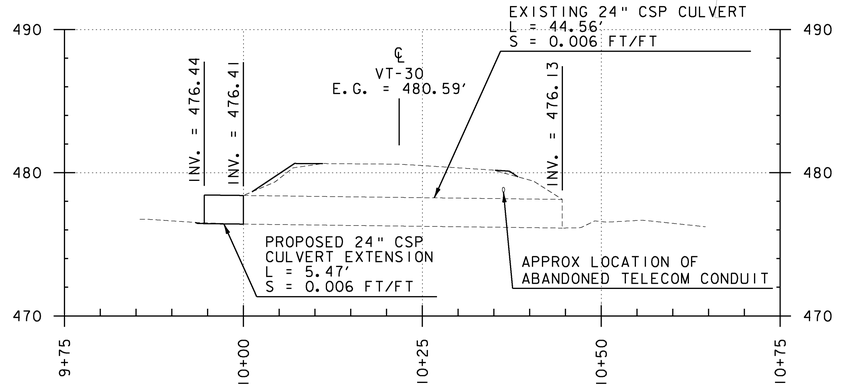
ITEM 653.60 - EROSION LOG

STA 237+05 - 238+70	LT
STA 237+49 - 238+90	RT

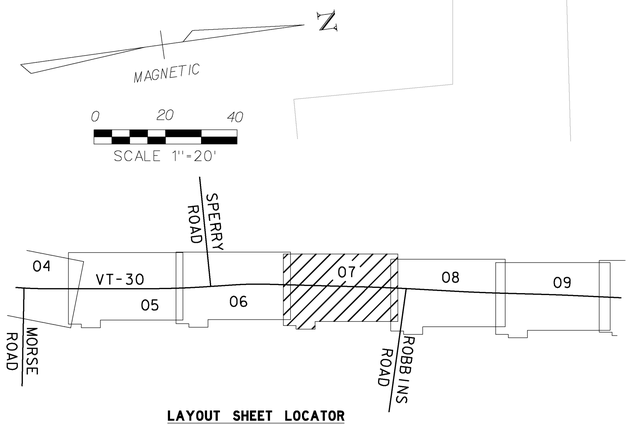
LEGEND

- EXISTING EDGE OF PAVEMENT
- EXISTING CULVERT
- EXISTING STONE WALL
- EXISTING FENCE
- EXISTING TREE LINE
- EXISTING TREES
- WETLAND BOUNDARY
- TOE OF SLOPE
- TOE OF CUT
- EXISTING RIGHT OF WAY
- EXISTING SIDELINES
- PROJECT DEMARCATION FENCE (PDF—PDF)
- EROSION LOG
- TEMPORARY INLET PROTECTION
- EROSION MATTING
- STONE FILL
- CULVERT FLOW DIRECTION





STA. 238+36
CULVERT PROFILE F
SCALE:
1"=10' H
1"=5' V



LAYOUT SHEET LOCATOR

CURVE No. 7 DATA
Δ = 1°33'26" RT
R = 10000.00 FT
T = 135.91 FT
L = 271.80 FT
E = 0.92 FT
D = 0°34'23"

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

NO.	DATE	REVISIONS	BY	CK'D

RSG INC.
RESOURCE SYSTEMS GROUP, INC.
60 Lake Street, Unit 1E • Burlington, Vermont 05401
TEL 802.383.0118 • FAX 802.383.0122 • www.rsginc.com

Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

FILE NAME: Z08F122BDR NU.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
LAYOUT SHEET 7

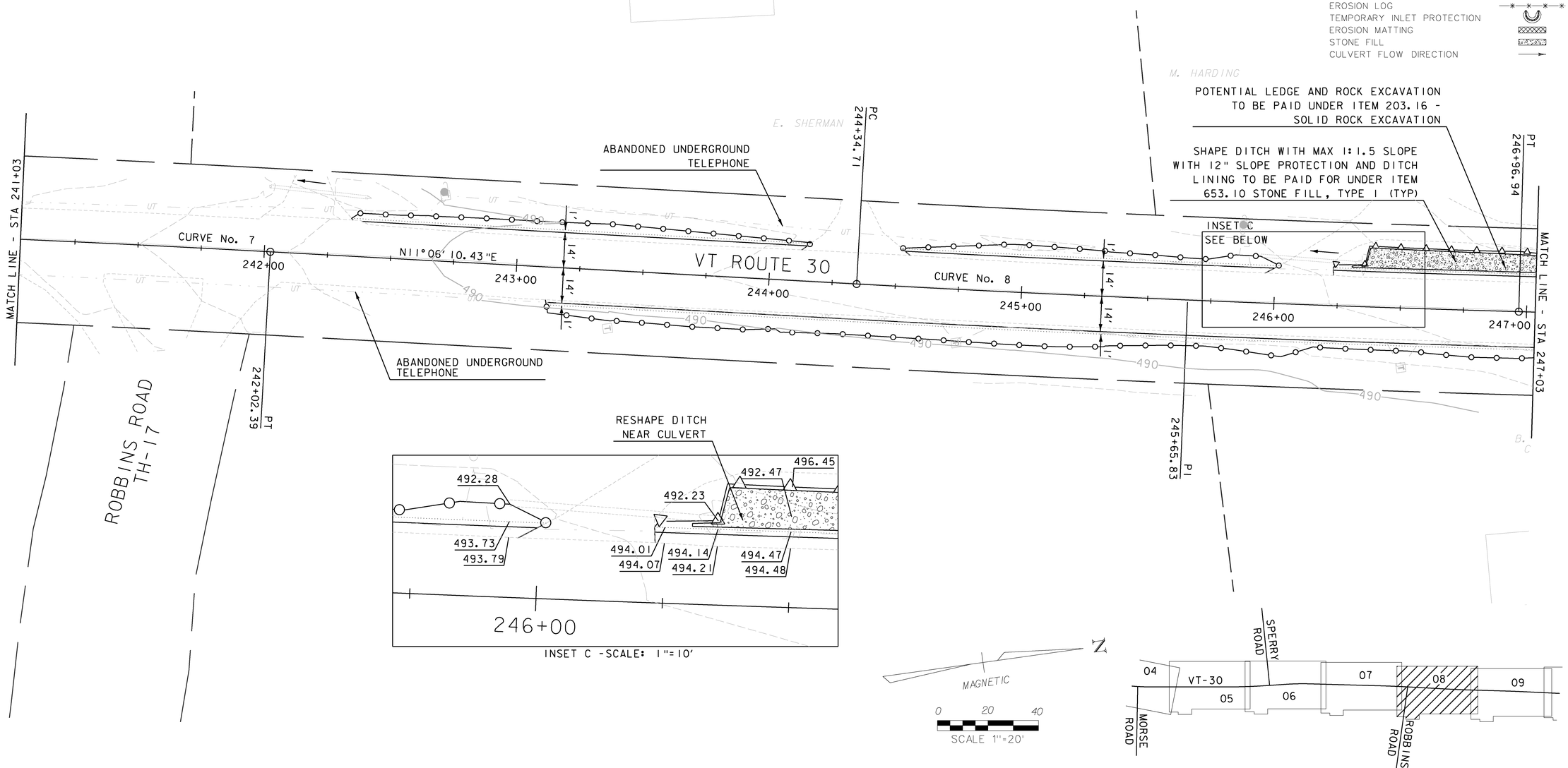
PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 64 OF 133

LIMITS OF WORK	
STA 242+34 - 244+16	LT
STA 243+12 - 247+03	RT
STA 244+52 - 246+02	LT
STA 246+23 - 247+03	LT

ITEM 613.10 - STONE FILL, TYPE I	
STA 246+30 - 247+03	17.0 LT

LEGEND

- EXISTING EDGE OF PAVEMENT
- EXISTING CULVERT
- EXISTING STONE WALL
- EXISTING FENCE
- EXISTING TREE LINE
- EXISTING TREES
- WETLAND BOUNDARY
- TOE OF SLOPE
- TOE OF CUT
- EXISTING RIGHT OF WAY
- EXISTING SIDELINES
- PROJECT DEMARCATION FENCE
- EROSION LOG
- TEMPORARY INLET PROTECTION
- EROSION MATTING
- STONE FILL
- CULVERT FLOW DIRECTION



LAYOUT SHEET LOCATOR

CURVE No. 7 DATA	
Δ	1°33'26" RT
R	10000.00 FT
T	135.91 FT
L	271.80 FT
E	0.92 FT
D	0°34'23"

CURVE No. 8 DATA	
Δ	1°30'09" LT
R	10000.00 FT
T	131.12 FT
L	262.23 FT
E	0.86 FT
D	0°34'23"

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83

NO.	DATE	REVISIONS	BY	CK'D

RSG INC.
RESOURCE SYSTEMS GROUP, INC.
60 Lake Street, Unit 1E • Burlington, Vermont 05401
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Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

FILE NAME: Z08F122BDR NU.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
LAYOUT SHEET 8

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 65 OF 133

LIMITS OF WORK	
STA 247+03 - 248+12	LT
STA 247+03 - 247+10	RT
STA 249+24 - 252+36	LT
STA 250+05 - 250+66	RT
STA 251+53 - 252+25	RT
STA 252+53 - 252+78	LT

ITEM 601.0915 - 18" CPEP
STA 250+34

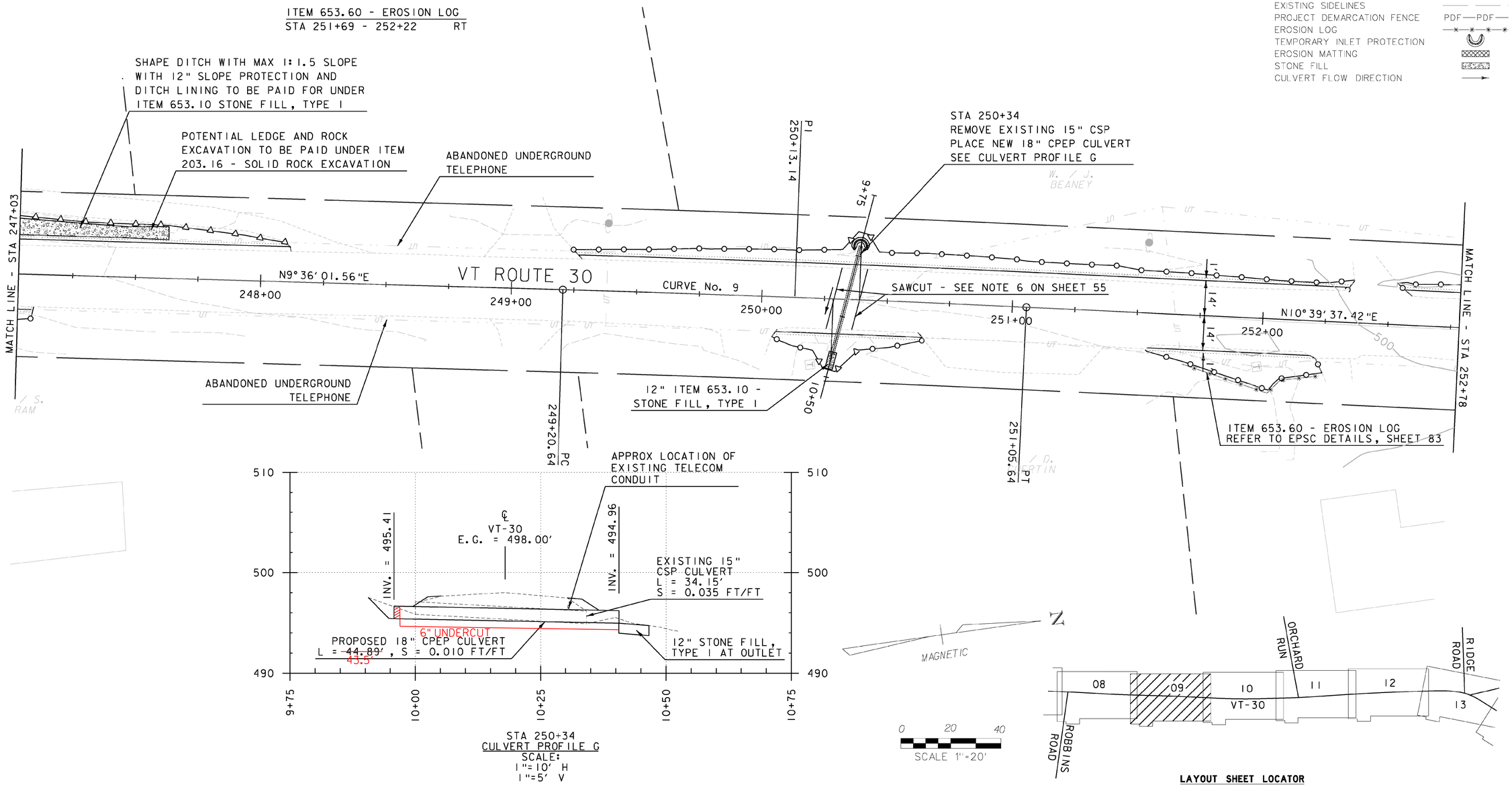
ITEM 613.10 - STONE FILL, TYPE I
STA 247+03 - 247+63 17.0 LT
STA 250+28 24.3 RT

ITEM 653.40 - INLET PROTECTION DEVICE, TYPE I
STA 250+39 23.7 LT

ITEM 653.60 - EROSION LOG
STA 251+69 - 252+22 RT

LEGEND

EXISTING EDGE OF PAVEMENT
EXISTING CULVERT
EXISTING STONE WALL
EXISTING FENCE
EXISTING TREE LINE
EXISTING TREES
WETLAND BOUNDARY
TOE OF SLOPE
TOE OF CUT
EXISTING RIGHT OF WAY
EXISTING SIDELINES
PROJECT DEMARCATION FENCE
EROSION LOG
TEMPORARY INLET PROTECTION
EROSION MATTING
STONE FILL
CULVERT FLOW DIRECTION



STA 250+34
CULVERT PROFILE G
SCALE:
1"=10' H
1"=5' V

LAYOUT SHEET LOCATOR

CURVE No. 9 DATA
Δ = 1°03'36" RT
R = 10000.00 FT
T = 92.50 FT
L = 185.00 FT
E = 0.43 FT
D = 0°34'23"

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

NO.	DATE	REVISIONS	BY	CK'D

RSG INC.
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Cornwall Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

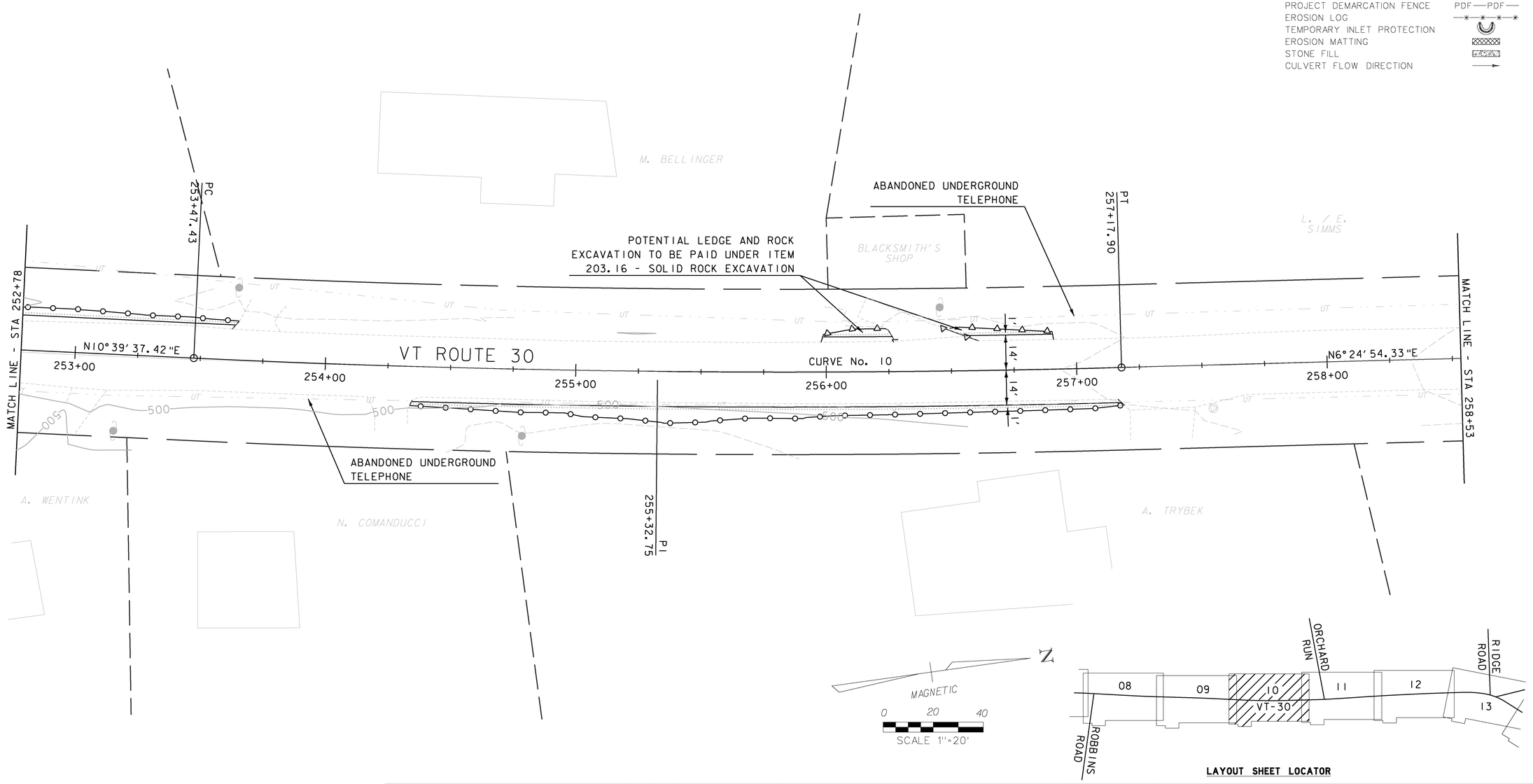
FILE NAME: Z08F122BDR NU.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
LAYOUT SHEET 9

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 66 OF 133

LIMITS OF WORK	
STA 252+78 - 253+65	LT
STA 254+34 - 257+19	RT
STA 255+98 - 256+28	LT
STA 256+46 - 256+91	LT

LEGEND

- EXISTING EDGE OF PAVEMENT
- EXISTING CULVERT
- EXISTING STONE WALL
- EXISTING FENCE
- EXISTING TREE LINE
- EXISTING TREES
- WETLAND BOUNDARY
- TOE OF SLOPE
- TOE OF CUT
- EXISTING RIGHT OF WAY
- EXISTING SIDELINES
- PROJECT DEMARCATION FENCE (PDF)
- EROSION LOG
- TEMPORARY INLET PROTECTION
- EROSION MATTING
- STONE FILL
- CULVERT FLOW DIRECTION



LAYOUT SHEET LOCATOR

CURVE No. 10 DATA
Δ = 4° 14' 43" LT
R = 5000.00 FT
T = 185.32 FT
L = 370.47 FT
E = 3.43 FT
D = 1° 08' 45"

NO.	DATE	REVISIONS	BY	CK'D

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

RSG INC.
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Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

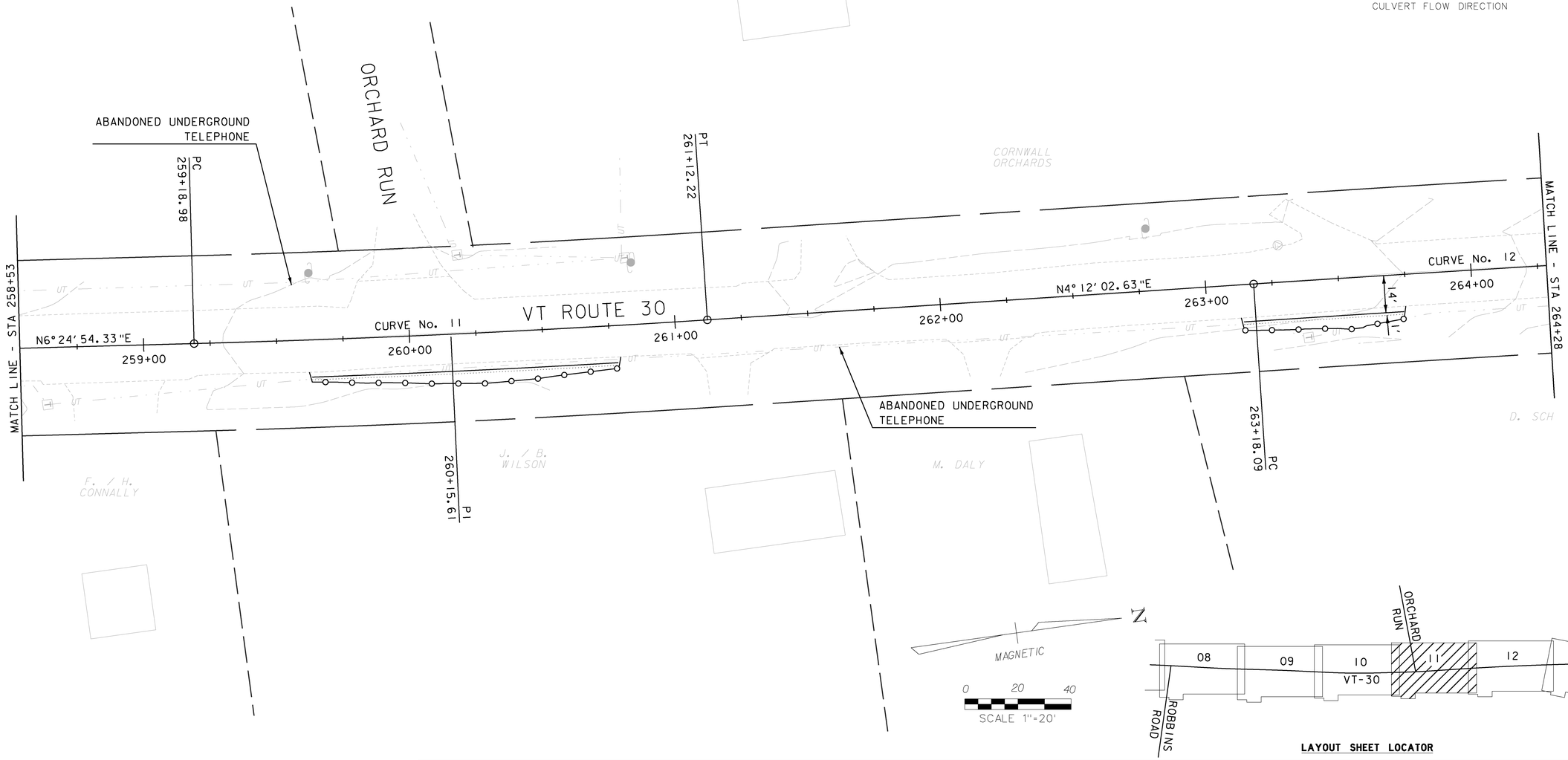
FILE NAME: Z08F122BDR NU.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
LAYOUT SHEET 10

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 67 OF 133

LIMITS OF WORK	
STA 259+62 - 260+79	RT
STA 263+13 - 263+75	RT

LEGEND

- EXISTING EDGE OF PAVEMENT
- EXISTING CULVERT
- EXISTING STONE WALL
- EXISTING FENCE
- EXISTING TREE LINE
- EXISTING TREES
- WETLAND BOUNDARY
- TOE OF SLOPE
- TOE OF CUT
- EXISTING RIGHT OF WAY
- EXISTING SIDELINES
- PROJECT DEMARCATION FENCE (PDF — PDF)
- EROSION LOG
- TEMPORARY INLET PROTECTION
- EROSION MATTING
- STONE FILL
- CULVERT FLOW DIRECTION



LAYOUT SHEET LOCATOR

CURVE No. 11 DATA	CURVE No. 12 DATA
Δ = 2° 12' 52" LT	Δ = 2° 04' 17" RT
R = 5000.00 FT	R = 20000.00 FT
T = 96.63 FT	T = 361.58 FT
L = 193.24 FT	L = 723.03 FT
E = 0.93 FT	E = 3.27 FT
D = 1° 08' 45"	D = 0° 17' 11"

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83

NO.	DATE	REVISIONS	BY	CK'D

RSG INC.
RESOURCE SYSTEMS GROUP, INC.
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Cornwall, Vermont

PROJECT NAME:	CORNWALL - MIDDLEBURY
PROJECT NUMBER:	STP EH08(13)
FILE NAME: Z08F122BDR NU.DGN	PLOT DATE: 06/09/2010
PROJECT LEADER: MS	DRAWN BY: CM
DESIGNED BY: CM	CHECKED BY: MS
LAYOUT SHEET 11	SHEET 68 OF 133

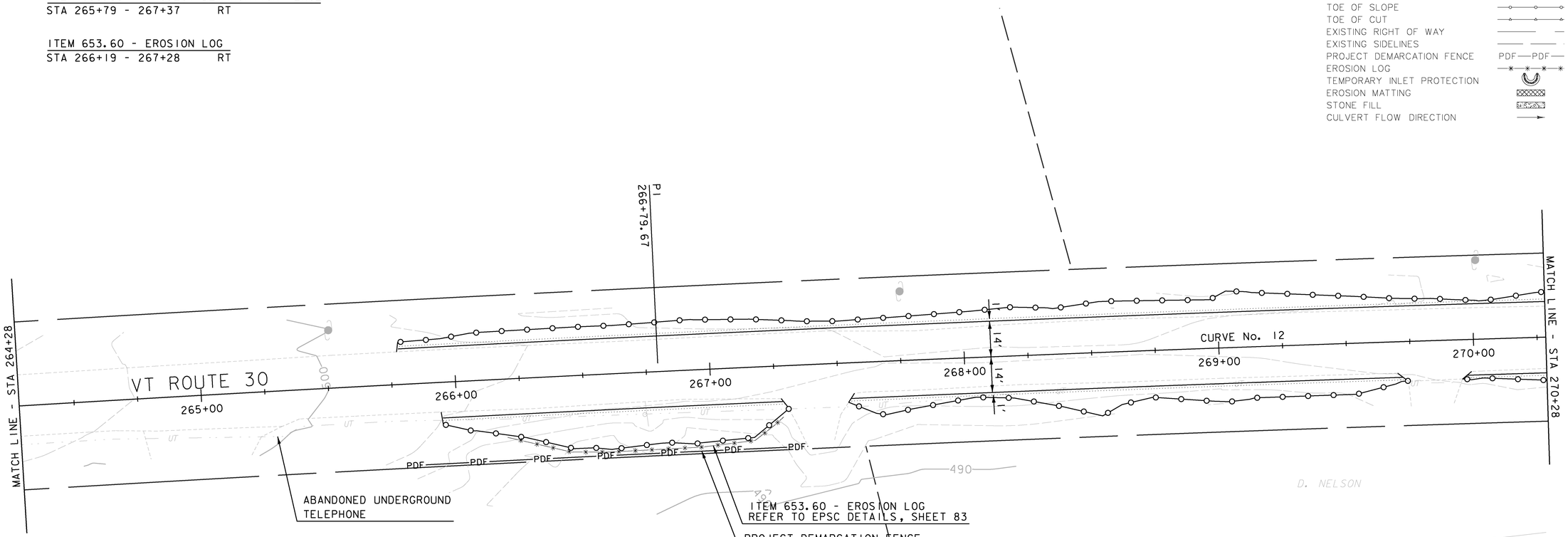
LIMITS OF WORK	
STA 265+77 - 270+28	LT
STA 265+94 - 267+30	RT
STA 267+54 - 269+74	RT
STA 269+95 - 270+28	RT

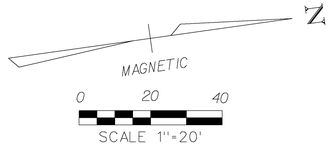
ITEM 653.55 - PROJECT DEMARCATION FENCE	
STA 265+79 - 267+37	RT

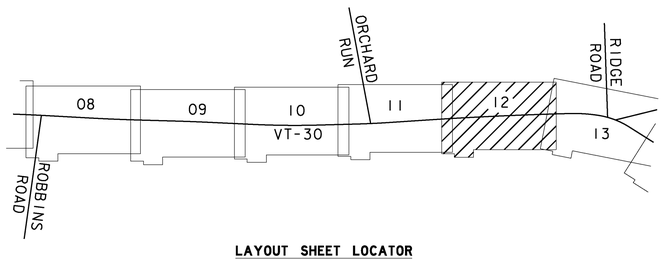
ITEM 653.60 - EROSION LOG	
STA 266+19 - 267+28	RT

LEGEND

- EXISTING EDGE OF PAVEMENT
- EXISTING CULVERT
- EXISTING STONE WALL
- EXISTING FENCE
- EXISTING TREE LINE
- EXISTING TREES
- WETLAND BOUNDARY
- TOE OF SLOPE
- TOE OF CUT
- EXISTING RIGHT OF WAY
- EXISTING SIDELINES
- PROJECT DEMARCATION FENCE (PDF)
- EROSION LOG
- TEMPORARY INLET PROTECTION
- EROSION MATTING
- STONE FILL
- CULVERT FLOW DIRECTION







LAYOUT SHEET LOCATOR

CURVE No. 12 DATA
Δ = 2°04'17" RT
R = 20000.00 FT
T = 361.58 FT
L = 723.03 FT
E = 3.27 FT
D = 0°17'11"

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

NO.	DATE	REVISIONS	BY	CK'D

RSG INC.
RESOURCE SYSTEMS GROUP, INC.
60 Lake Street, Unit 1E • Burlington, Vermont 05401
TEL 802.383.0118 • FAX 802.383.0122 • www.rsginc.com

Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

FILE NAME: Z08F122BDR NU.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
LAYOUT SHEET 12

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 69 OF 133

LIMITS OF WORK	
STA 270+28 - 271+38	LT
STA 270+28 - 271+23	RT

LEGEND

- EXISTING EDGE OF PAVEMENT
- EXISTING CULVERT
- EXISTING STONE WALL
- EXISTING FENCE
- EXISTING TREE LINE
- EXISTING TREES
- WETLAND BOUNDARY
- TOE OF SLOPE
- TOE OF CUT
- EXISTING RIGHT OF WAY
- EXISTING SIDELINES
- PROJECT DEMARCATION FENCE (PDF — PDF)
- EROSION LOG
- TEMPORARY INLET PROTECTION
- EROSION MATTING
- STONE FILL
- CULVERT FLOW DIRECTION

RIDGE ROAD
TH-9

PI
273+25.18

M. KEITH

CIDER MILL ROAD
TH-2

VT ROUTE 30

CURVE No. 13

272+00

273+00

CURVE No. 14

274+00

STA 270+28

MATCH LINE - STA 270+28

N6° 16' 19.86"E

14'

14'

271+00

500

UT

ABANDONED UNDERGROUND TELEPHONE

E. MORRISON

272+81.64
PCC

271+17.17
PC

270+41.17
PT

COBB'S CORNER

275+00

N40° 13' 19.70"E

276+00

274+66.05
PT

MATCH LINE - STA 276+03

J. TERF

N
MAGNETIC

0 20 40
SCALE 1"=20'

RIDGE ROAD
CIDER MILL ROAD
12
13
14
15
VT-30

LAYOUT SHEET LOCATOR

CURVE No. 13 DATA	CURVE No. 14 DATA
Δ = 10°28' 14" RT	Δ = 23°28' 46" RT
R = 900.00 FT	R = 450.00 FT
T = 82.46 FT	T = 93.52 FT
L = 164.47 FT	L = 184.41 FT
E = 3.77 FT	E = 9.61 FT
D = 6°21' 58"	D = 12°43' 57"

NO.	DATE	REVISIONS	BY	CK'D

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

RSG INC.
RESOURCE SYSTEMS GROUP, INC.
60 Lake Street, Unit 1E • Burlington, Vermont 05401
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Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

FILE NAME: Z08F122BDR NU.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
LAYOUT SHEET 13

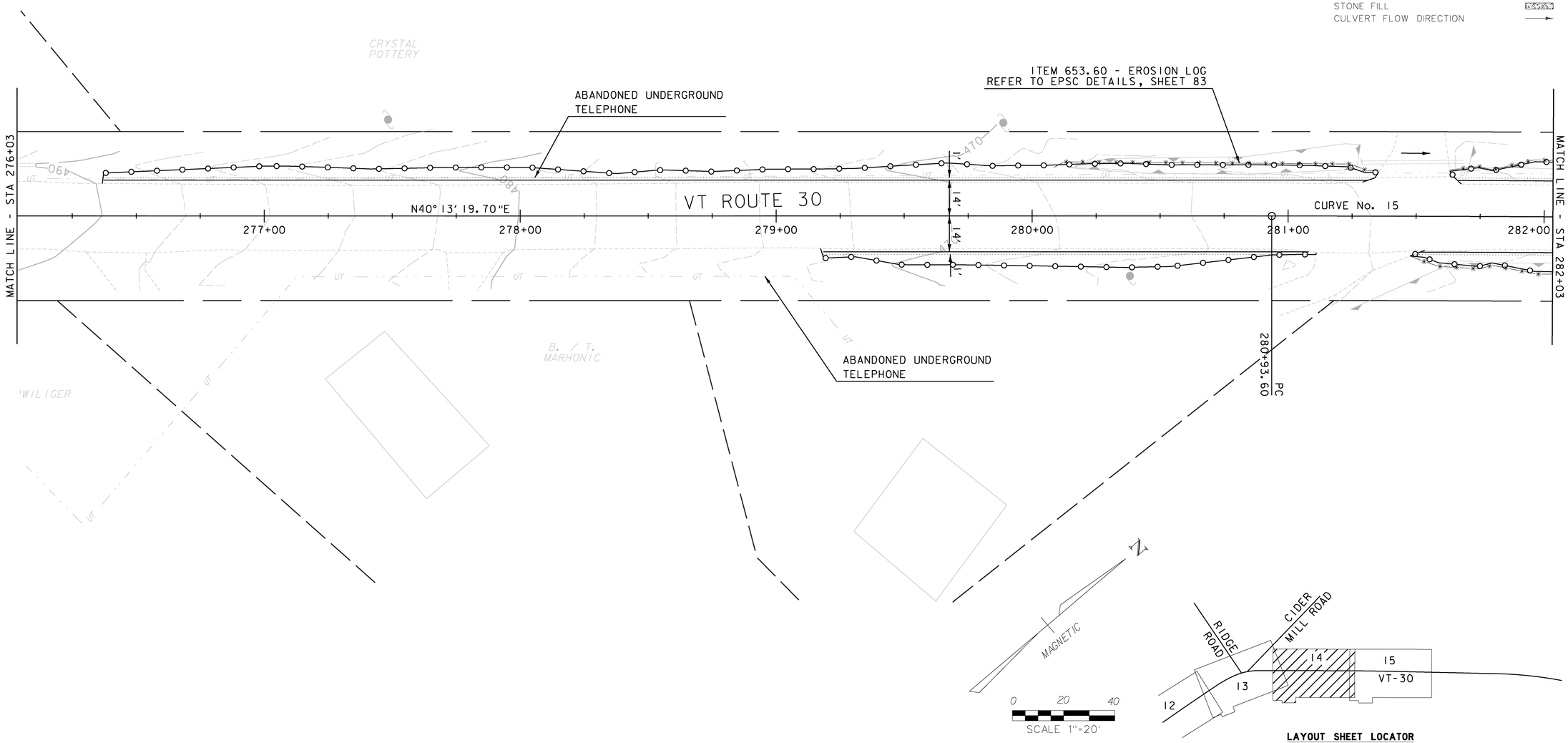
PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS

LIMITS OF WORK	
STA 276+12 - 281+35	LT
STA 279+17 - 281+11	RT
STA 281+48 - 282+03	RT
STA 281+63 - 282+03	LT

ITEM 653.60 - EROSION LOG	
STA 280+09 - 281+35	LT
STA 281+48 - 282+03	RT
STA 281+63 - 282+03	LT

LEGEND

- EXISTING EDGE OF PAVEMENT
- EXISTING CULVERT
- EXISTING STONE WALL
- EXISTING FENCE
- EXISTING TREE LINE
- EXISTING TREES
- WETLAND BOUNDARY
- TOE OF SLOPE
- TOE OF CUT
- EXISTING RIGHT OF WAY
- EXISTING SIDELINES
- PROJECT DEMARCATION FENCE (PDF)
- EROSION LOG
- TEMPORARY INLET PROTECTION
- EROSION MATTING
- STONE FILL
- CULVERT FLOW DIRECTION



LAYOUT SHEET LOCATOR

CURVE No. 15 DATA	
Δ	1° 10' 27" RT
R	20000 FT
T	204.96 FT
L	409.90 FT
E	1.05 FT
D	0° 17' 11"

NO.	DATE	REVISIONS	BY	CK'D

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

RSG INC.
RESOURCE SYSTEMS GROUP, INC.
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TEL 802.383.0118 • FAX 802.383.0122 • www.rsginc.com

Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

FILE NAME: Z08F122BDR NU.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
LAYOUT SHEET 14

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS

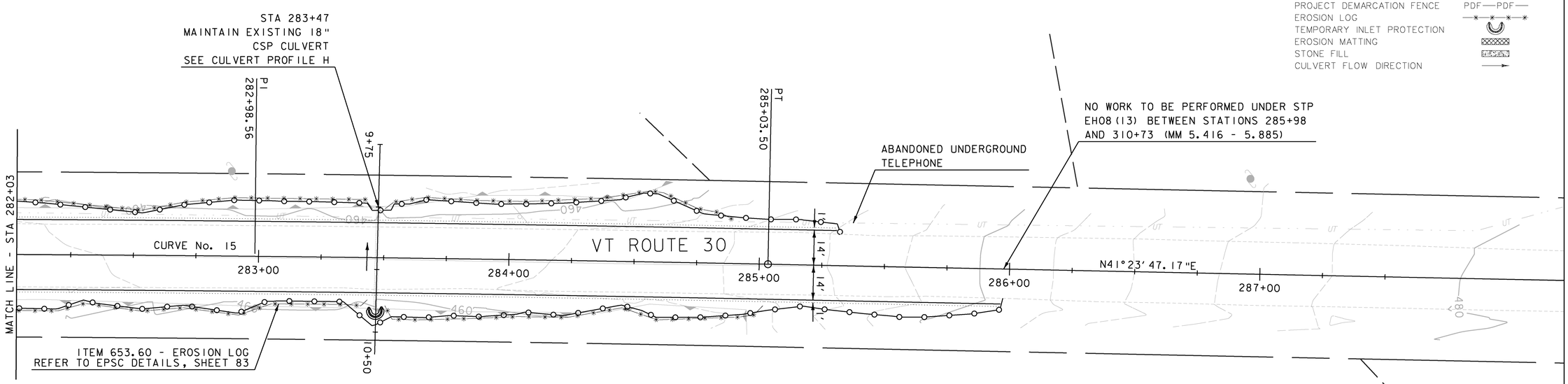
LIMITS OF WORK	
STA 282+03 - 285+32	LT
STA 282+03 - 285+98	RT

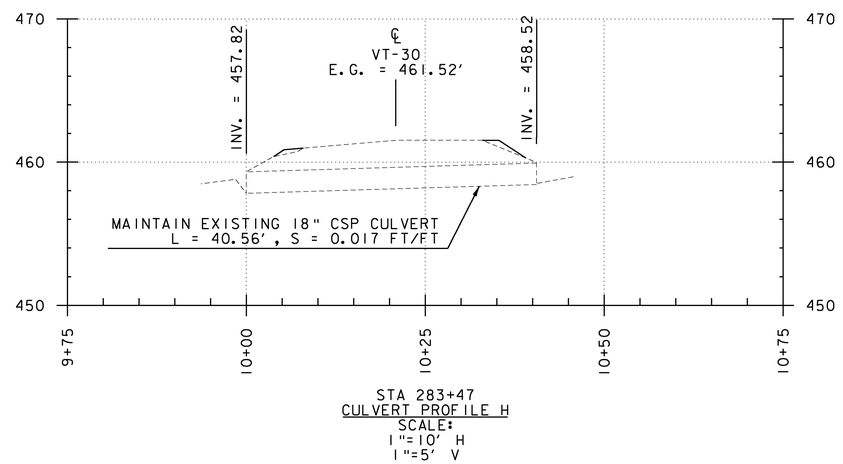
ITEM 653.40 - INLET PROTECTION DEVICE, TYPE I	
STA 283+46	20.3 RT

ITEM 653.60 - EROSION LOG	
STA 282+03 - 284+89	LT
STA 282+03 - 285+02	RT

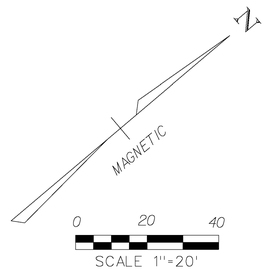
LEGEND

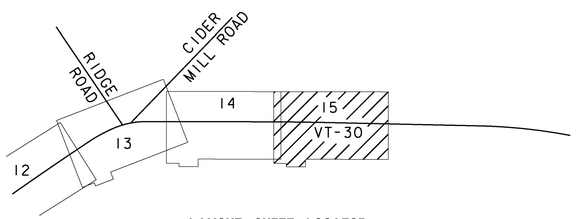
- EXISTING EDGE OF PAVEMENT
- EXISTING CULVERT
- EXISTING STONE WALL
- EXISTING FENCE
- EXISTING TREE LINE
- EXISTING TREES
- WETLAND BOUNDARY
- TOE OF SLOPE
- TOE OF CUT
- EXISTING RIGHT OF WAY
- EXISTING SIDELINES
- PROJECT DEMARCATION FENCE (PDF—PDF)
- EROSION LOG
- TEMPORARY INLET PROTECTION
- EROSION MATTING
- STONE FILL
- CULVERT FLOW DIRECTION





STA 283+47
CULVERT PROFILE H
SCALE:
1"=10' H
1"=5' V





LAYOUT SHEET LOCATOR

CURVE No. 15 DATA
Δ = 1°10'27" RT
R = 20000 FT
T = 204.96 FT
L = 409.90 FT
E = 1.05 FT
D = 0°17'11"

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

NO.	DATE	REVISIONS	BY	CK'D

RSG INC.
RESOURCE SYSTEMS GROUP, INC.
60 Lake Street, Unit 1E • Burlington, Vermont 05401
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Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

FILE NAME: Z08F122BDR NU.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
LAYOUT SHEET 15

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 72 OF 133

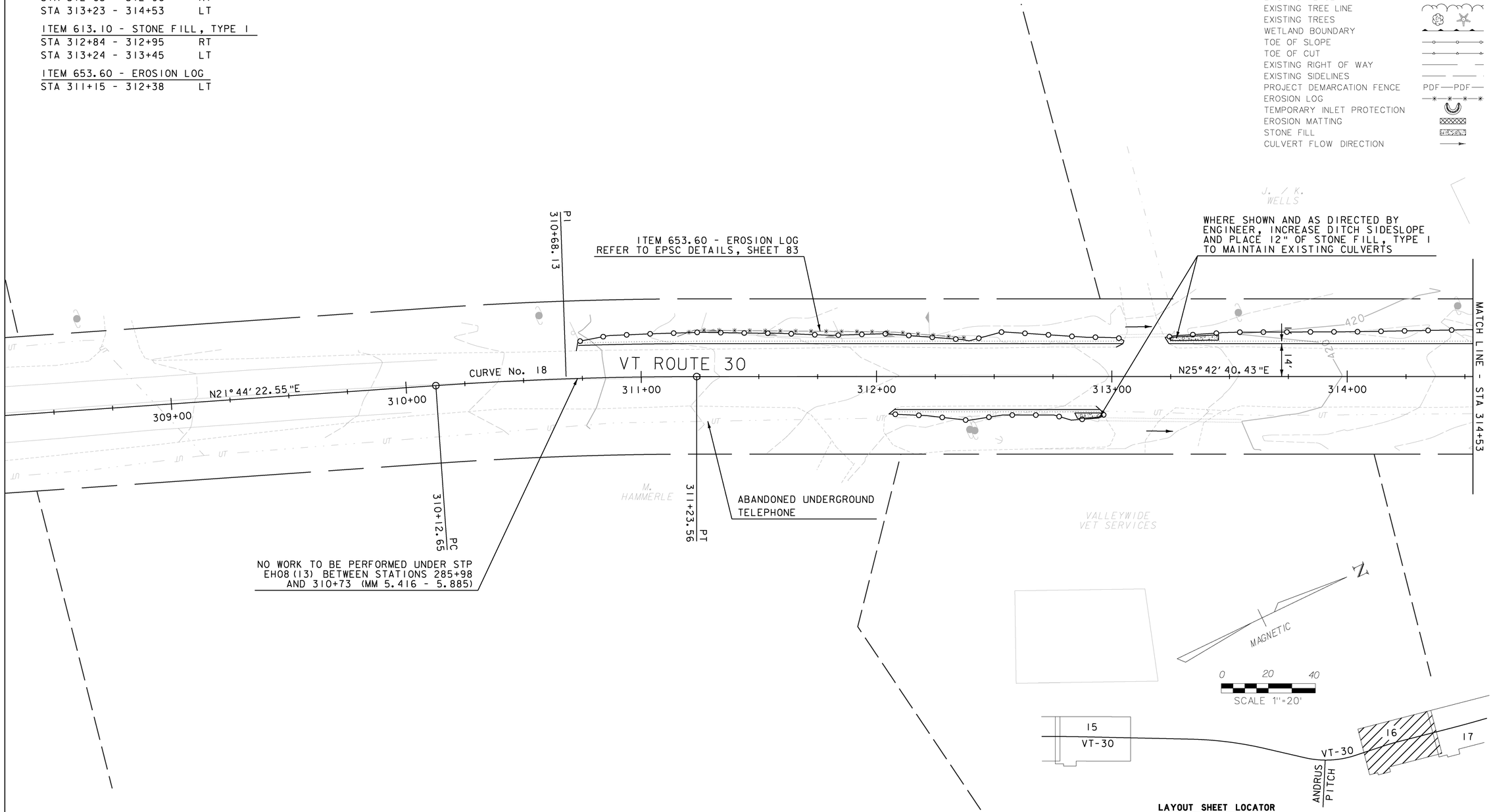
LIMITS OF WORK	
STA 310+73 - 313+05	LT
STA 312+05 - 312+96	RT
STA 313+23 - 314+53	LT

ITEM 613.10 - STONE FILL, TYPE I	
STA 312+84 - 312+95	RT
STA 313+24 - 313+45	LT

ITEM 653.60 - EROSION LOG	
STA 311+15 - 312+38	LT

LEGEND

- EXISTING EDGE OF PAVEMENT
- EXISTING CULVERT
- EXISTING STONE WALL
- EXISTING FENCE
- EXISTING TREE LINE
- EXISTING TREES
- WETLAND BOUNDARY
- TOE OF SLOPE
- TOE OF CUT
- EXISTING RIGHT OF WAY
- EXISTING SIDELINES
- PROJECT DEMARCATION FENCE (PDF)
- EROSION LOG
- TEMPORARY INLET PROTECTION
- EROSION MATTING
- STONE FILL
- CULVERT FLOW DIRECTION



LAYOUT SHEET LOCATOR

CURVE No. 18 DATA
Δ = 3°58' 18" RT
R = 1600 FT
T = 55.48 FT
L = 110.91 FT
E = 0.96 FT
D = 3°34' 52"

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83

NO.	DATE	REVISIONS	BY	CK'D

RSG INC.
RESOURCE SYSTEMS GROUP, INC.
60 Lake Street, Unit 1E • Burlington, Vermont 05401
TEL 802.383.0118 • FAX 802.383.0122 • www.rsginc.com

Cornwall, Vermont 1761

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

FILE NAME: Z08F122BDR NU.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
LAYOUT SHEET 16

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 73 OF 133

LIMITS OF WORK		
STA 314+53	- 314+76	LT
STA 315+94	- 319+85	LT
STA 316+00	- 320+53	RT
STA 320+00	- 320+53	LT

ITEM 613.10 - STONE FILL, TYPE I

STA 320+10	- 320+52	17.3 LT

ITEM 653.55 - PROJECT DEMARCATION FENCE

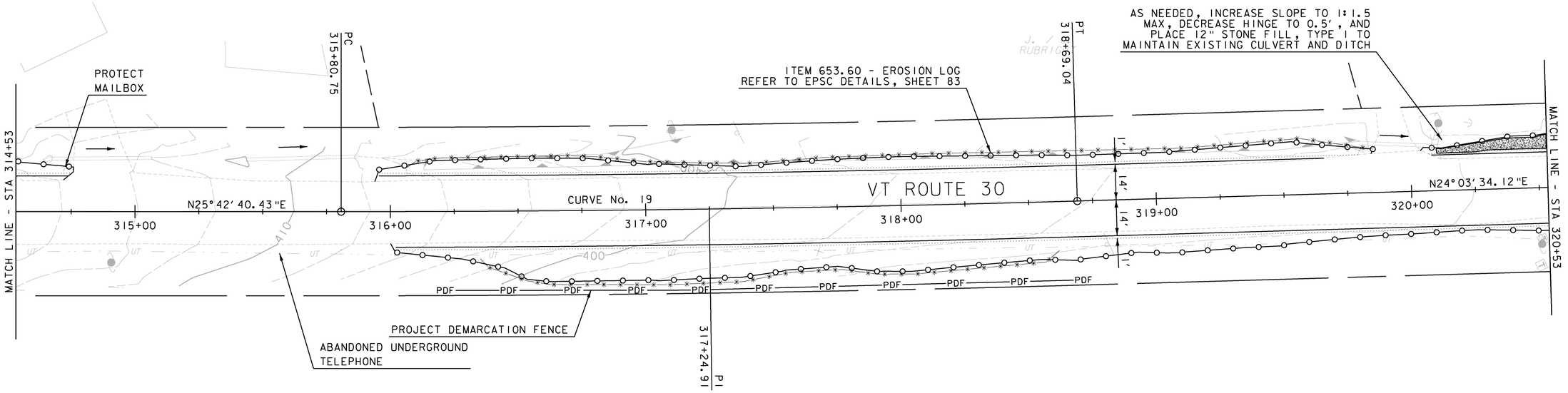
STA 316+17	- 318+74	RT

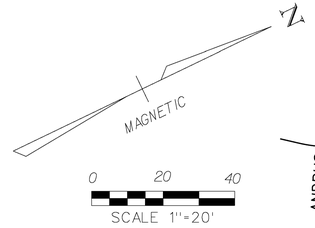
ITEM 653.60 - EROSION LOG

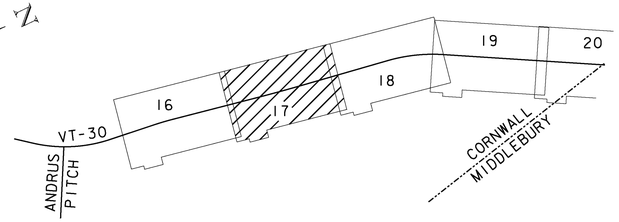
STA 316+06	- 319+85	LT
STA 316+35	- 318+62	RT

LEGEND

- EXISTING EDGE OF PAVEMENT
- EXISTING CULVERT
- EXISTING STONE WALL
- EXISTING FENCE
- EXISTING TREE LINE
- EXISTING TREES
- WETLAND BOUNDARY
- TOE OF SLOPE
- TOE OF CUT
- EXISTING RIGHT OF WAY
- EXISTING SIDELINES
- PROJECT DEMARCATION FENCE (PDF)
- EROSION LOG
- TEMPORARY INLET PROTECTION
- EROSION MATTING
- STONE FILL
- CULVERT FLOW DIRECTION







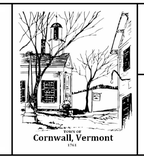
LAYOUT SHEET LOCATOR

CURVE No. 19 DATA
Δ = 1°39'06" LT
R = 10000 FT
T = 144.15 FT
L = 288.29 FT
E = 1.04 FT
D = 0°34'23"

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

NO.	DATE	REVISIONS	BY	CK'D

RSG INC.
RESOURCE SYSTEMS GROUP, INC.
60 Lake Street, Unit 1E • Burlington, Vermont 05401
TEL 802.383.0118 • FAX 802.383.0122 • www.rsginc.com



PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

FILE NAME: Z08F122BDR NU.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
LAYOUT SHEET 17

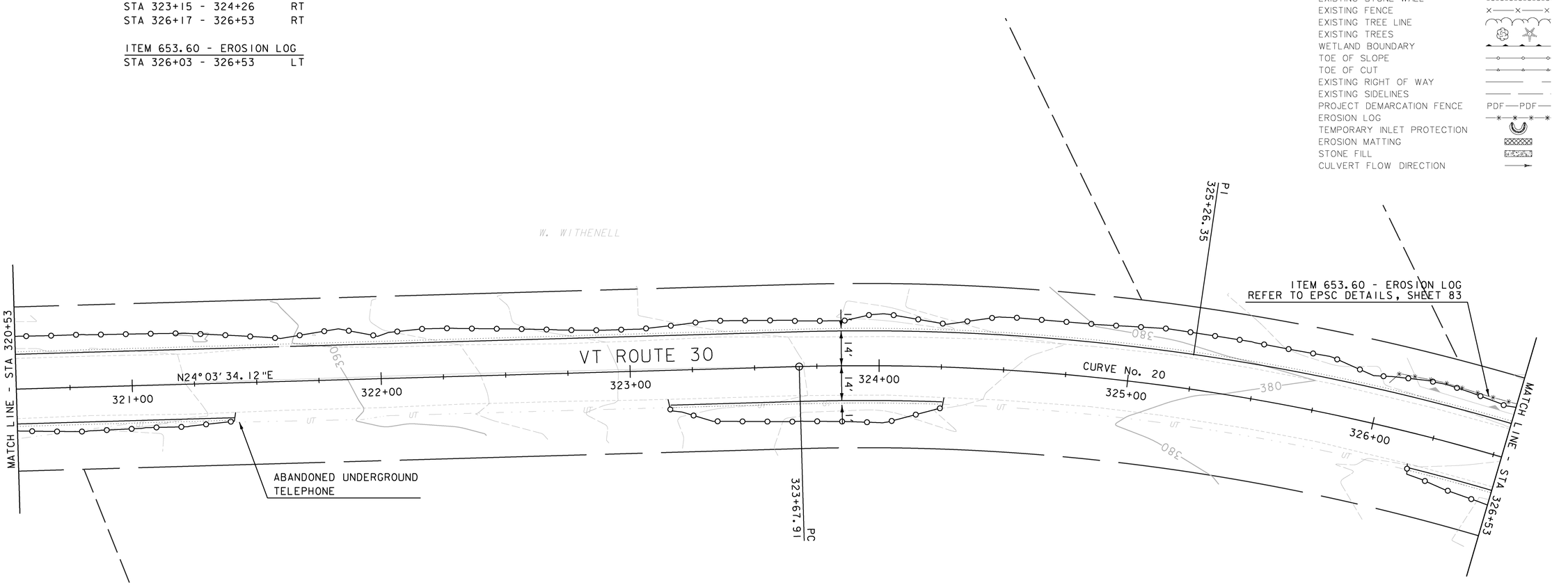
PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS

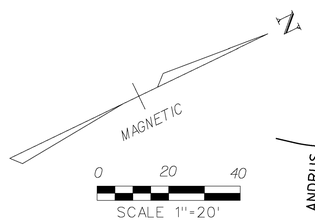
LIMITS OF WORK	
STA 320+53 - 326+53	LT
STA 320+53 - 321+41	RT
STA 323+15 - 324+26	RT
STA 326+17 - 326+53	RT

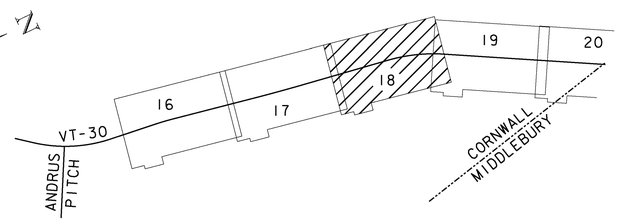
ITEM 653.60 - EROSION LOG	
STA 326+03 - 326+53	LT

LEGEND

- EXISTING EDGE OF PAVEMENT
- EXISTING CULVERT
- EXISTING STONE WALL
- EXISTING FENCE
- EXISTING TREE LINE
- EXISTING TREES
- WETLAND BOUNDARY
- TOE OF SLOPE
- TOE OF CUT
- EXISTING RIGHT OF WAY
- EXISTING SIDELINES
- PROJECT DEMARCATION FENCE (PDF)
- EROSION LOG
- TEMPORARY INLET PROTECTION
- EROSION MATTING
- STONE FILL
- CULVERT FLOW DIRECTION







LAYOUT SHEET LOCATOR

CURVE No. 20 DATA
Δ = 19°45'12" RT
R = 910 FT
T = 158.44 FT
L = 312.18 FT
E = 13.69 FT
D = 6°17'46"

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

NO.	DATE	REVISIONS	BY	CK'D

RSG INC.
RESOURCE SYSTEMS GROUP, INC.
60 Lake Street, Unit 1E • Burlington, Vermont 05401
TEL 802.383.0118 • FAX 802.383.0122 • www.rsginc.com

Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

FILE NAME: Z08F122BDR NU.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
LAYOUT SHEET 18

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS

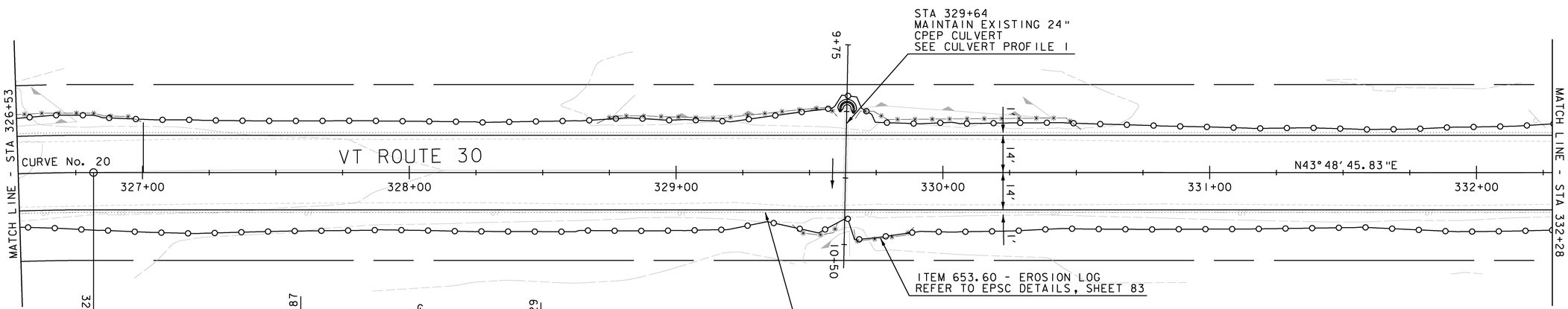
LIMITS OF WORK	
STA 326+53 - 332+28	LT
STA 326+53 - 332+28	RT

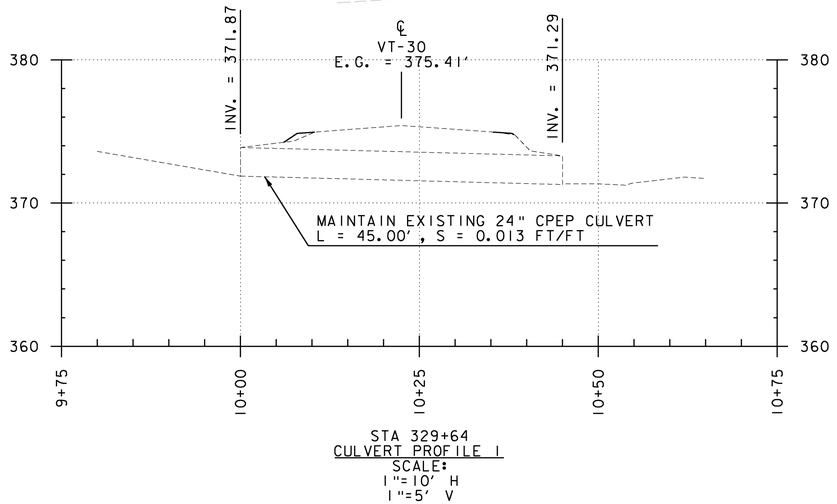
ITEM 653.40 - INLET PROTECTION DEVICE, TYPE I	
STA 329+64	25.4 LT

ITEM 653.60 - EROSION LOG	
STA 326+53 - 327+00	LT
STA 328+70 - 330+53	LT
STA 329+44 - 329+89	RT

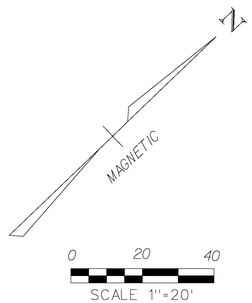
LEGEND

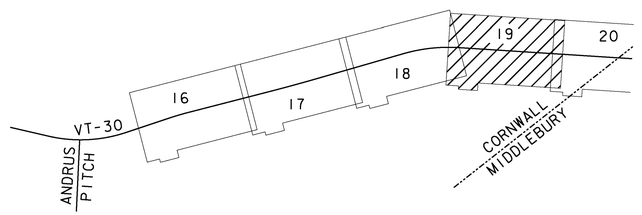
- EXISTING EDGE OF PAVEMENT
- EXISTING CULVERT
- EXISTING STONE WALL
- EXISTING FENCE
- EXISTING TREE LINE
- EXISTING TREES
- WETLAND BOUNDARY
- TOE OF SLOPE
- TOE OF CUT
- EXISTING RIGHT OF WAY
- EXISTING SIDELINES
- PROJECT DEMARCATION FENCE (PDF)
- EROSION LOG
- TEMPORARY INLET PROTECTION
- EROSION MATTING
- STONE FILL
- CULVERT FLOW DIRECTION





STA 329+64
CULVERT PROFILE I
SCALE:
1"=10' H
1"=5' V





LAYOUT SHEET LOCATOR

CURVE No. 20 DATA
Δ = 19°45'12" RT
R = 910 FT
T = 158.44 FT
L = 312.18 FT
E = 13.69 FT
D = 6°17'46"

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

NO.	DATE	REVISIONS	BY	CK'D

RSG INC.
RESOURCE SYSTEMS GROUP, INC.
60 Lake Street, Unit 1E • Burlington, Vermont 05401
TEL 802.383.0118 • FAX 802.383.0122 • www.rsginc.com

Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

FILE NAME: Z08F122BDR NU.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
LAYOUT SHEET 19

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS

LIMITS OF WORK	
STA 332+28 - 335+75	LT
STA 332+28 - 335+75	RT
STA 0+00 - 0+77	LT
STA 0+00 - 2+53	RT

ITEM 601.0015 - 18" CSP (0.064, 2-2/3 X 1/2)
STA. 335+42 LT & RT

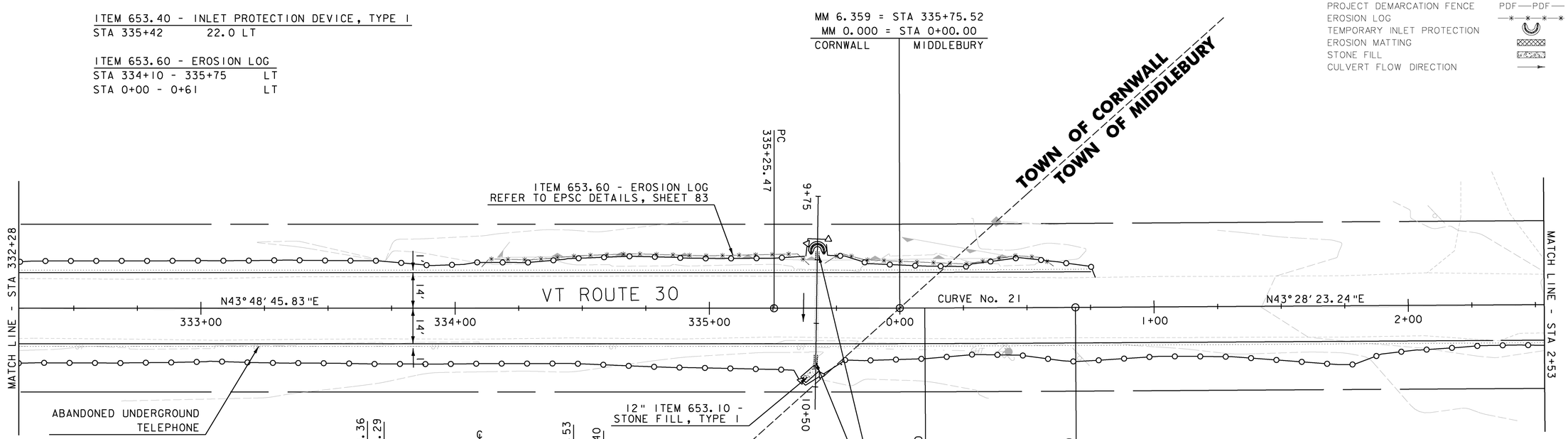
ITEM 613.10 - STONE FILL, TYPE I
STA 335+40 25.6 RT

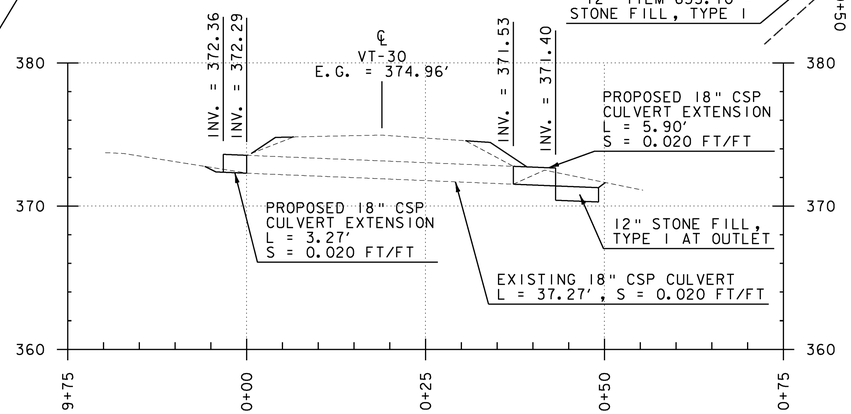
ITEM 653.40 - INLET PROTECTION DEVICE, TYPE I
STA 335+42 22.0 LT

ITEM 653.60 - EROSION LOG	
STA 334+10 - 335+75	LT
STA 0+00 - 0+61	LT

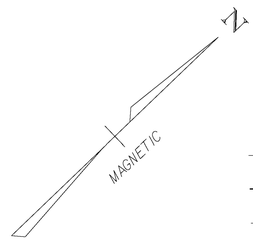
LEGEND

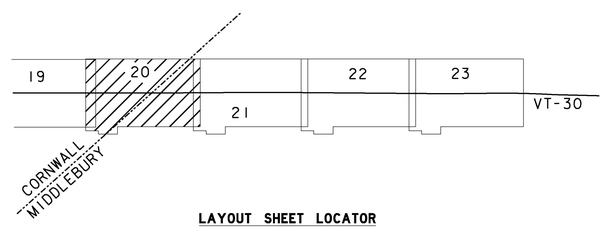
- EXISTING EDGE OF PAVEMENT
- EXISTING CULVERT
- EXISTING STONE WALL
- EXISTING FENCE
- EXISTING TREE LINE
- EXISTING TREES
- WETLAND BOUNDARY
- TOE OF SLOPE
- TOE OF CUT
- EXISTING RIGHT OF WAY
- EXISTING SIDELINES
- PROJECT DEMARCATION FENCE (PDF)
- EROSION LOG
- TEMPORARY INLET PROTECTION
- EROSION MATTING
- STONE FILL
- CULVERT FLOW DIRECTION





STA 335+42
CULVERT PROFILE J
SCALE:
1"=10' H
1"=5' V





LAYOUT SHEET LOCATOR

CURVE No. 21 DATA
Δ = 0°20'23" LT
R = 20000 FT
T = 59.27 FT
L = 118.55 FT
E = 0.09 FT
D = 0°17'11"

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

NO.	DATE	REVISIONS	BY	CK'D

RSG INC.
RESOURCE SYSTEMS GROUP, INC.
60 Lake Street, Unit 1E • Burlington, Vermont 05401
TEL 802.383.0118 • FAX 802.383.0122 • www.rsginc.com



PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

FILE NAME: Z08F122BDR NU.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
LAYOUT SHEET 20

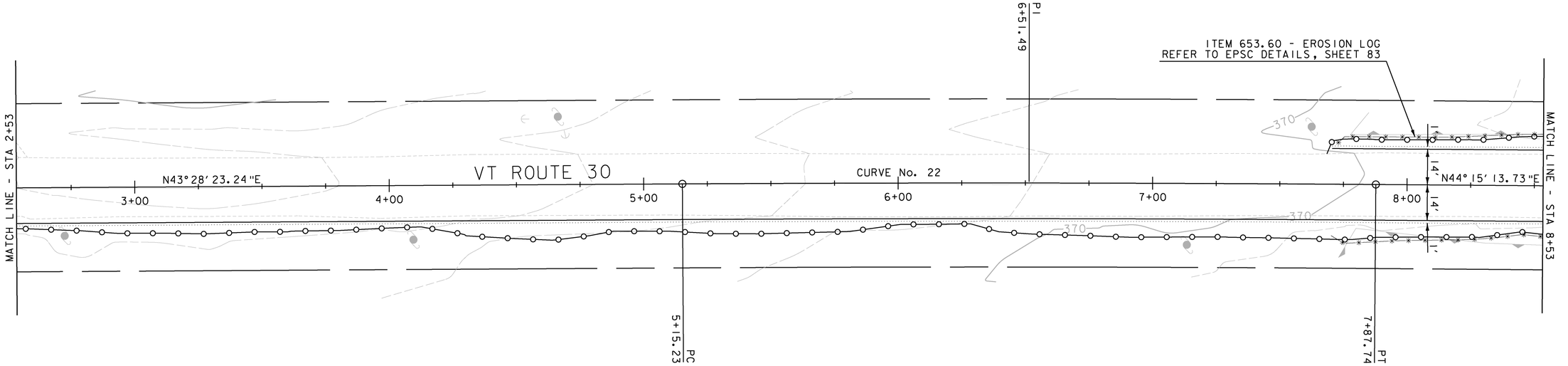
PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS

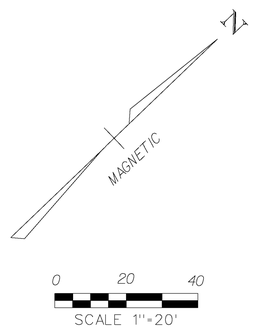
LIMITS OF WORK	
STA 2+53 - 8+53	RT
STA 7+68 - 8+53	LT

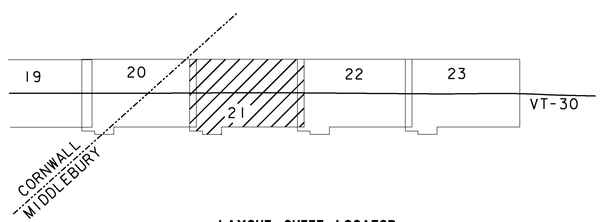
ITEM 653.60 - EROSION LOG	
STA 7+70 - 8+53	RT
STA 7+72 - 8+53	LT

LEGEND

- EXISTING EDGE OF PAVEMENT
- EXISTING CULVERT
- EXISTING STONE WALL
- EXISTING FENCE
- EXISTING TREE LINE
- EXISTING TREES
- WETLAND BOUNDARY
- TOE OF SLOPE
- TOE OF CUT
- EXISTING RIGHT OF WAY
- EXISTING SIDELINES
- PROJECT DEMARCATION FENCE (PDF)
- EROSION LOG
- TEMPORARY INLET PROTECTION
- EROSION MATTING
- STONE FILL
- CULVERT FLOW DIRECTION







LAYOUT SHEET LOCATOR

CURVE No. 22 DATA
Δ = 0° 46' 50" RT
R = 20000 FT
T = 136.26 FT
L = 272.51 FT
E = 0.46 FT
D = 0° 17' 11"

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

NO.	DATE	REVISIONS	BY	CK'D

RSG INC.
RESOURCE SYSTEMS GROUP, INC.
60 Lake Street, Unit 1E • Burlington, Vermont 05401
TEL 802.383.0118 • FAX 802.383.0122 • www.rsginc.com

Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

FILE NAME: Z08F122BDR NU.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
LAYOUT SHEET 21

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS

LIMITS OF WORK

STA 8+53 - 14+53	LT
STA 8+53 - 14+53	RT

ITEM 601.0025 - 24" CSP (0.064, 2-2/3 X 1/2)

STA. 9+94	LT & RT

ITEM 613.10 - STONE FILL, TYPE I

STA 9+94	28.0 LT

ITEM 653.40 - INLET PROTECTION DEVICE, TYPE I

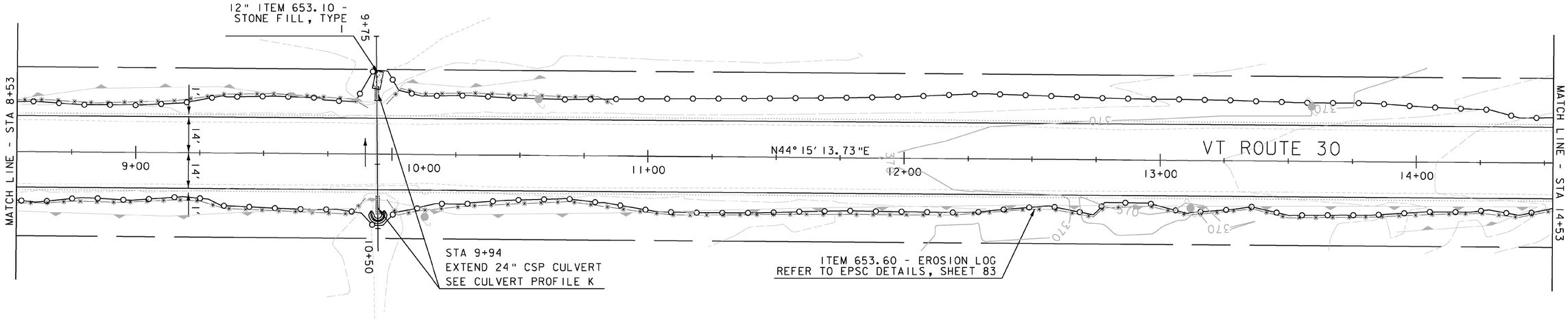
STA 9+95	25.1 RT

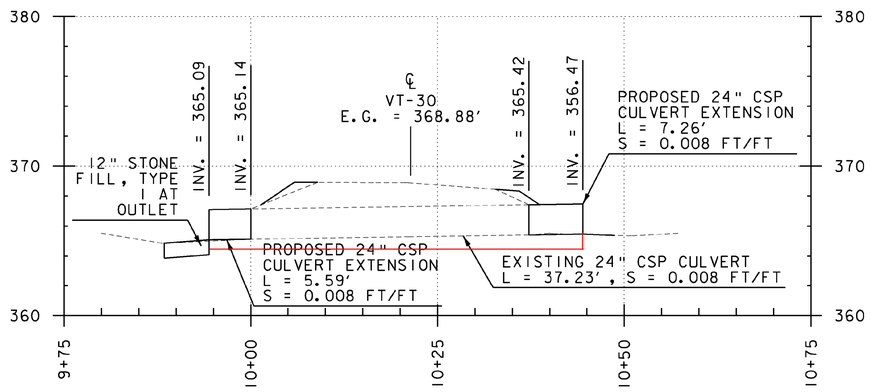
ITEM 653.60 - EROSION LOG

STA 8+53 - 10+86	LT
STA 8+53 - 14+53	RT

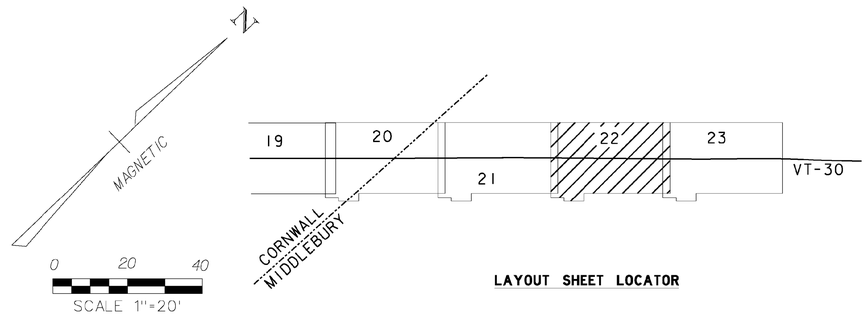
LEGEND

- EXISTING EDGE OF PAVEMENT
- EXISTING CULVERT
- EXISTING STONE WALL
- EXISTING FENCE
- EXISTING TREE LINE
- EXISTING TREES
- WETLAND BOUNDARY
- TOE OF SLOPE
- TOE OF CUT
- EXISTING RIGHT OF WAY
- EXISTING SIDELINES
- PROJECT DEMARCATION FENCE (PDF)
- EROSION LOG
- TEMPORARY INLET PROTECTION
- EROSION MATTING
- STONE FILL
- CULVERT FLOW DIRECTION





STA 9+94
CULVERT PROFILE K
SCALE:
1"=10' H
1"=5' V

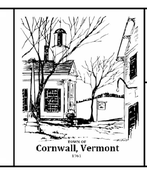


LAYOUT SHEET LOCATOR

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

NO.	DATE	REVISIONS	BY	CK'D

RSG INC.
RESOURCE SYSTEMS GROUP, INC.
60 Lake Street, Unit 1E • Burlington, Vermont 05401
TEL 802.383.0118 • FAX 802.383.0122 • www.rsginc.com



PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

FILE NAME: Z0BF122BDR NU.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
LAYOUT SHEET 22

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 79 OF 133

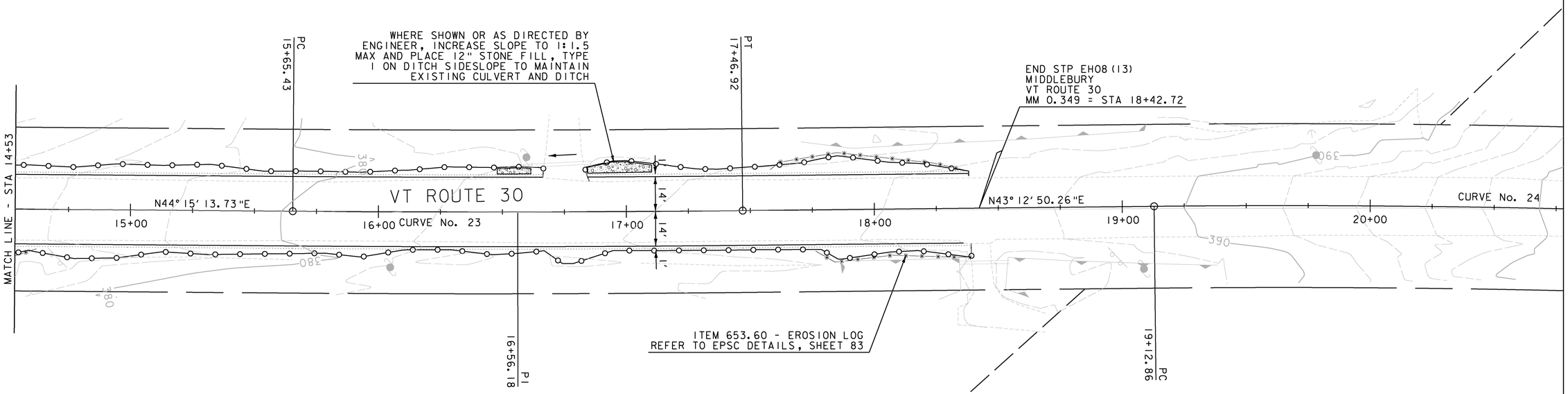
LIMITS OF WORK	
STA 14+53 - 16+67	LT
STA 14+53 - 18+39	RT
STA 16+83 - 18+38	LT

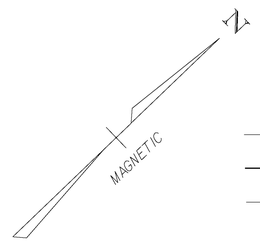
ITEM 613.10 - STONE FILL, TYPE I	
STA 16+48 - 16+62	LT
STA 16+84 - 17+10	LT

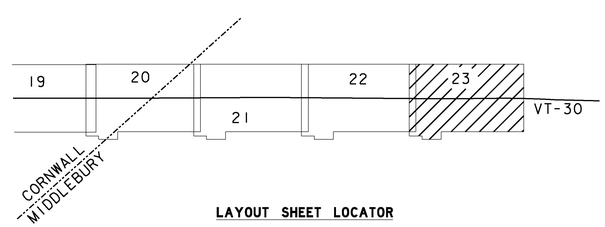
ITEM 653.60 - EROSION LOG	
STA 14+53 - 14+62	RT
STA 17+58 - 18+38	LT
STA 17+76 - 18+39	RT

LEGEND

- EXISTING EDGE OF PAVEMENT
- EXISTING CULVERT
- EXISTING STONE WALL
- EXISTING FENCE
- EXISTING TREE LINE
- EXISTING TREES
- WETLAND BOUNDARY
- TOE OF SLOPE
- TOE OF CUT
- EXISTING RIGHT OF WAY
- EXISTING SIDELINES
- PROJECT DEMARCATION FENCE (PDF—PDF)
- EROSION LOG
- TEMPORARY INLET PROTECTION
- EROSION MATTING
- STONE FILL
- CULVERT FLOW DIRECTION







LAYOUT SHEET LOCATOR

CURVE No. 23 DATA		CURVE No. 24 DATA	
Δ =	1°02'23" LT	Δ =	3°53'20" RT
R =	10000 FT	R =	5000 FT
T =	90.75 FT	T =	169.75 FT
L =	181.49 FT	L =	339.38 FT
E =	0.41 FT	E =	2.88 FT
D =	0°34'23"	D =	1°08'45"

NO.	DATE	REVISIONS	BY	CK'D

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

RSG INC.
RESOURCE SYSTEMS GROUP, INC.
60 Lake Street, Unit 1E • Burlington, Vermont 05401
TEL 802.383.0118 • FAX 802.383.0122 • www.rsginc.com

Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

FILE NAME: Z08F122BDR NU.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
LAYOUT SHEET 23

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 80 OF 133

EROSION CONTROL NARRATIVE

1.1 PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE REDEVELOPMENT OF UNPAVED SHOULDERS INCLUDING THE PLACEMENT OF FILL AND MINOR GRADING, THE REPLACEMENT OF SHALLOW DRAINAGE FEATURES, EXTENSION OF EXISTING CULVERTS, AND OTHER INCIDENTAL ITEMS.

NOTE: AREA OF DISTURBANCE SHALL INCLUDE LIMITS OF EARTH DISTURBANCE WITHIN THE PROJECT AREA, INCLUDING ANY WASTE, STAGING AND BORROW AREAS WITHIN OR DIRECTLY ADJACENT TO THE PROJECT LIMITS.

TOTAL AREA OF DISTURBANCE IS APPROXIMATELY 2.65 ACRES.

IT IS ANTICIPATED THAT THIS PROJECT WILL LAST ONE CONSTRUCTION SEASON. NO CONSTRUCTION ACTIVITIES MAY TAKE PLACE BETWEEN OCTOBER 15 AND MAY 1 WITHOUT APPROVAL FROM THE ENGINEER AND DEPARTMENT OF ENVIRONMENTAL CONSERVATION.

1.2 SITE INVENTORY

1.2.1 OFF SITE DRAINAGE CHARACTERISTICS (UP AND DOWN-GRADIENT)

THE PROPERTIES SURROUNDING THE PROJECT SITE CONSIST OF SINGLE FAMILY RESIDENTIAL DWELLINGS WITH GRASS AND TREE BUFFERS, AGRICULTURAL FARMLAND, AND SOME WELL ESTABLISHED FOREST WITH LOW TO MODERATE SLOPES. DUE TO THE NATURE OF THE SURROUNDING TERRAIN, THE PROJECT SITE COULD RECEIVE RUNOFF WATER FROM A FEW NEARBY SLOPES. IF THIS IS THE CASE, IT SHOULD BE MINIMAL.

1.2.2 DRAINAGE, WATERWAYS, BODIES OF WATER, AND PROXIMITY TO NATURAL OR MAN-MADE WATER FEATURES

THERE ARE A NUMBER OF CLASS III WETLANDS AND ONE CLASS II WETLAND ALONG THE PROJECT AREA. THERE ARE NO STATE WATER BODIES WITHIN THE PROJECT BOUNDARY. THE NEAREST RECEIVING WATERS INCLUDE BEAVER CREEK, LEDGE CREEK, AND OTTER CREEK, ALL A MINIMUM OF 500' FROM THE PROJECT AREA.

1.2.3 TOPOGRAPHY, EXISTING ROADS, BUILDINGS, UTILITIES

THE TOPOGRAPHY OF THE AREA CAN BE DESCRIBED AS ROLLING FARMLAND CONSISTING OF MOSTLY LOW TO MEDIUM SLOPES. SEVERAL HILLS ALONG THE PROJECT EXCEED 5% SLOPE FOR A SHORT LENGTH. THERE ARE RESIDENCES, BUSINESSES, A SCHOOL, AND FARMS THROUGHOUT THE PROJECT AREA.

THERE ARE OVERHEAD UTILITIES THROUGHOUT, SOME OF WHICH WILL BE RELOCATED PRIOR TO CONSTRUCTION. AN UNDERGROUND TELEPHONE LINE EXISTS ALONG MUCH OF THE PROJECT LENGTH, AND WILL BE AERIALLY RELOCATED IN SEVERAL LOCATIONS PRIOR TO THE CONSTRUCTION OF THIS PROJECT. THE APPROXIMATE LOCATION OF ALL EXISTING UTILITIES ARE SHOWN ON THE PLANS.

1.2.4 VEGETATION

THE VEGETATION IN THE PROJECT AREA CONSISTS OF SOME HARDWOOD TREES AND UNDERGROWTH IN THE AREA OF THE PROPOSED RETAINING WALL, BUT MOSTLY IT IS A RURAL AGRICULTURAL LANDSCAPE WITH RESIDENTIAL LAWNS, SOME MATURE TREES AND TYPICAL PLANTINGS. THE IMPACT TO VEGETATION WILL BE LIMITED TO THAT WHICH IS DIRECTLY AFFECTED BY THE PLACEMENT OF FILL OR MINOR GRADING OPERATIONS. UPON PROJECT COMPLETION, SLOPES 3:1 OR GREATER WILL BE PROTECTED WITH EROSION CONTROL MATTING. DISTURBED VEGETATION WILL BE REESTABLISHED WITH STANDARD SEED AND MULCH PRACTICES.

1.2.5 SOILS

ALL SOIL DATA CAME FROM THE U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE FOR THE COUNTY OF ADDISON, VERMONT. SOILS IN THE PROJECT AREA VARY ALONG THE PROJECT LENGTH.

THE MOST COMMON SOIL TYPES FOUND IN THE PROJECT AREA ARE AS FOLLOWS:

VERGENNES CLAY, 2-6%, VgB (51%), K-FACTOR = 0.49
VERGENNES CLAY, 12-25%, VgD (5%), K-FACTOR = 0.49
NELLIS STONY LOAM, 3-8%, NeB (24%), K-FACTOR = 0.32
NELLIS STONY LOAM, 8-15%, NeC (8%), K-FACTOR = 0.32
NASSAU EXTREMELY ROCKY SILTY LOAM, 3-25%, NdC (10%), K-FACTOR = 0.32
COVINGTON AND PANTON SILTY CLAYS, 2-6%, Cw (2%), K-FACTOR = 0.49
NOTE: K-VALUES GENERALLY INDICATE THE FOLLOWING: 0.0-0.23 = LOW EROSION POTENTIAL; 0.24-0.36 = MODERATE EROSION POTENTIAL: 0.37 AND HIGHER = HIGH EROSION POTENTIAL.

1.2.6 SENSITIVE RESOURCE AREAS

CRITICAL HABITATS: NO
HISTORICAL OR ARCHEOLOGICAL AREAS: NO
PRIME AGRICULTURAL LAND: NO
THREATENED AND ENDANGERED SPECIES: NO
WATER RESOURCE: BROWNS RIVER
WETLANDS: NO

1.3 RISK EVALUATION

THIS PROJECT FALLS UNDER THE JURISDICTION OF A LOW RISK CONSTRUCTION GENERAL PERMIT 3-9020 BASED ON THE PROJECT IMPACT AREA AND PROJECT CHARACTERISTICS. THE CONTRACTOR IS RESPONSIBLE FOR FOLLOWING ALL GUIDELINES, TERMS, AND CONDITIONS AS SET FORTH IN THE CONSTRUCTION GENERAL PERMIT AND APPLICABLE SUPPLEMENTARY DOCUMENTS.

1.4 EROSION PREVENTION AND SEDIMENT CONTROL

THE EROSION CONTROL PLANS ARE MEANT AS A GUIDELINE FOR PREVENTING EROSION AND CONTROLLING SEDIMENT TRANSPORT. THE WORK OUTLINED IN THIS NARRATIVE CONSISTS OF APPLYING MEASURES THROUGHOUT THE LIFE OF THE PROJECT MINIMIZING SEDIMENT TRANSPORT TO THE RECEIVING WATERS. THE MEASURES INCLUDE STABILIZATION AND STRUCTURAL PRACTICES, STORM WATER CONTROLS AND OTHER POLLUTION PREVENTION CONTROLS.

PREVENTING INITIAL SOIL EROSION IS MUCH MORE EFFECTIVE THAN TREATING ERODED SEDIMENT. MAINTAINING VEGETATED BUFFERS ALONG STREAM BANKS, WETLANDS OR OTHER SENSITIVE AREAS IS A CRUCIAL EROSION AND SEDIMENT CONTROL MEASURE THAT SHOULD BE ESTABLISHED WHEREVER POSSIBLE.

ALL MEASURES SHALL BE REGULARLY MAINTAINED AND SHALL BE CHECKED FOR SEDIMENT BUILD-UP. SEDIMENT SHALL BE DISPOSED AT AN APPROVED SITE WHERE IT WILL NOT BE SUBJECT TO EROSION.

DUE TO THE LINEAR PROJECT AREA AND RELATIVELY CONSISTENT DESIGN, THE EPSC PLAN CONTAINS A GENERAL TYPICAL DETAIL OF THE APPLICATION TO BE USED. THIS TYPICAL APPLICATION SHALL BE APPLIED ALONG THE ENTIRE LENGTH OF THE PROJECT. THE LOCATION OF PROJECT DEMARCATION FENCE, EROSION LOG, AND TEMPORARY INLET PROTECTION IS SHOWN ON THE PLANS. ADDITIONAL MEASURES NOT LOCATED ON PLAN MAY BE REQUIRED BASED ON SITE CONDITIONS AS DIRECTED BY THE ENGINEER.

(REFER TO THE LOW RISK SITE HANDBOOK AND APPROPRIATE DETAIL SHEETS FOR EACH PRACTICE REQUIRED ON THE PROJECT TO INCLUDE BUT NOT LIMITED TO THE FOLLOWING.)

1.4.1 MARK SITE BOUNDARIES
PROJECT DEMARCATION FENCING IS USED TO DELINEATE THE LIMITS THE CONTRACTOR CAN ACCESS WITH CONSTRUCTION EQUIPMENT. THIS MEASURE LIMITS THE AREA THAT CAN BE DISTURBED AND EXPOSED TO EROSION.

1.4.2 LIMIT DISTURBANCE AREA
EMPLOY TEMPORARY STABILIZATION PRACTICES IN INCREMENTAL STAGES (PHASING) AS CONSTRUCTION PROCEEDS. ADDITIONAL MEASURES MAY BE NEEDED DUE TO THE PHASING OF THE PROJECT AND AS DIRECTED BY THE ENGINEER.

1.4.3 INSTALL FIBER ROLL EROSION LOGS
FIBER ROLL (ITEM 653.60) SHALL BE INSTALLED AT THE TOE OF SLOPES AS SHOWN ON THE PLANS, AS SPECIFIED IN THE EPSC DETAILS, OR AS NECESSARY.

1.4.4 DIVERT UPLAND RUNOFF
SWALE (STORM WATER FROM STREET COLLECTIONS DRAINAGE SYSTEM)

1.4.5 SLOW DOWN CHANNELIZED RUNOFF
INSTALL CULVERT INLET PROTECTION DEVICES AS SPECIFIED ON PLANS.

1.4.6 CONSTRUCT PERMANENT CONTROLS
EROSION CONTROL MATTING FOR SLOPE PROTECTION
SEED AND MULCH [AS PART OF STP 2629(1)]
CULVERT INLET PROTECTION DEVICES
DRAINAGE INLETS AND PIPING
TYPE I STONE DITCH LININGS
HEADWALLS

1.4.7 STABILIZE EXPOSED SOILS
SEED AND MULCH [AS PART OF STP 2629(1)]
EROSION MATTING
TYPE I STONE SLOPE PROTECTION

TRACKING OF ALL EXPOSED SLOPES, COMBINED WITH TEMPORARY MULCHING, WILL BE UTILIZED ON A REGULAR BASIS. SLOPES SHALL BE STABILIZED WITHIN 48 HOURS OF FORECASTED RAIN. SEEDING, MULCHING AND BIODEGRADABLE EROSION CONTROL MATTING OR AN EQUIVALENT SHALL BE USED TO STABILIZE ALL SLOPES STEEPER THAN 1:3. THESE SLOPES SHALL BE STABILIZED WITHIN 48 HOURS OF REACHING INTERMITTENT PHASES OF CONSTRUCTION.

1.4.8 WINTER STABILIZATION
VARIOUS MEASURES SPECIFIC TO WINTER AS PERMITTED (SEE LOW RISK HANDBOOK)

1.4.9 STABILIZE SOIL AT FINAL GRADE
SEED AND MULCH
EROSION MATTING

SEEDING, MULCHING AND BIODEGRADABLE EROSION CONTROL MATTING OR AN EQUIVALENT SHALL BE USED TO STABILIZE ALL SLOPES STEEPER THAN 1:3. THESE SLOPES SHALL BE STABILIZED WITHIN 48 HOURS OF REACHING FINAL GRADE.

1.4.10 DE-WATERING ACTIVITIES
NO DE-WATERING ACTIVITIES ARE ANTICIPATED.

1.4.11 INSPECT YOUR SITE
INSPECT SITE BASED ON PERMIT AUTHORIZATION OR SPECIAL PROVISION REQUIREMENTS.

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

NO.	DATE	REVISIONS	BY	CK'D

RSG INC.
RESOURCE SYSTEMS GROUP, INC.
60 Lake Street, Unit 1E • Burlington, Vermont 05401
TEL 802.383.0118 • FAX 802.383.0122 • www.rsginc.com

Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

FILE NAME: Z08F122BDR EPSC.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
EPSC PLAN - NARRATIVE

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS

NOTES

1. THIS DETAIL SHOWS A TYPICAL APPLICATION OF THE EROSION CONTROL PLAN WHICH MAY CHANGE BASED ON SITE CONDITIONS. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING ALL CONDITIONS OF THE CONSTRUCTION GENERAL PERMIT ARE ADHERED TO.

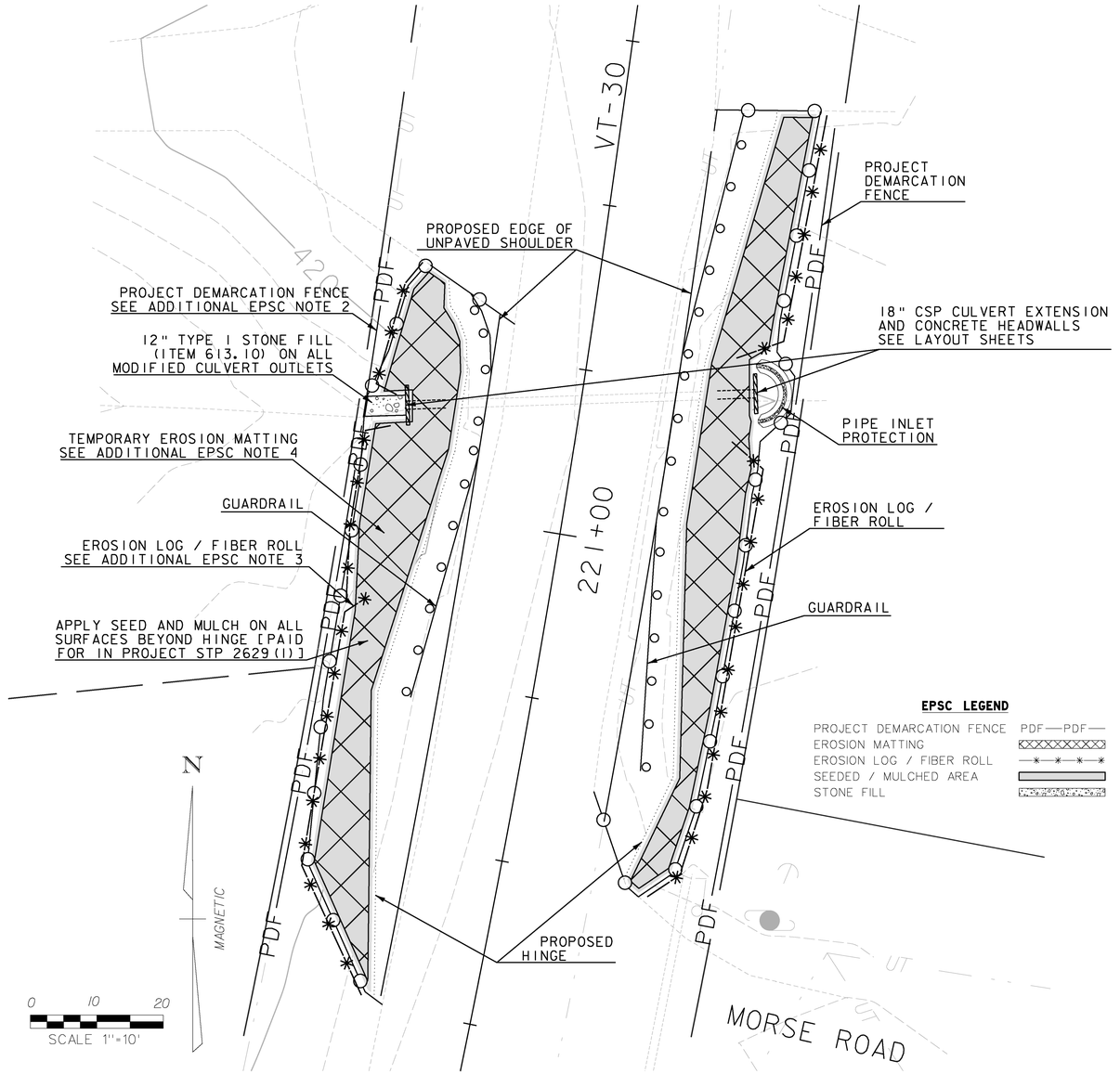
2. TEMPORARY EROSION CONTROL MEASURES ARE CONCEPTUALLY SHOWN. THE CONTRACTOR MAY RELOCATE TEMPORARY MEASURES TO IMPROVE EROSION CONTROL WITH APPROVAL OF THE RESIDENT ENGINEER AND ON SITE COORDINATOR.

3. THE CONTRACTOR SHALL USE OTHER TEMPORARY EROSION CONTROL MEASURES AS NECESSITATED BY THE SEQUENCE OF CONSTRUCTION OR AS DIRECTED BY THE RESIDENT ENGINEER AND ON SITE COORDINATOR.

4. REFER TO TEMPORARY EROSION CONTROL DETAIL SHEETS AND THE LOW-RISK HANDBOOK FOR ADDITIONAL DETAILS.

5. CONTRACTOR TO REMOVE ALL TEMPORARY EROSION CONTROL MEASURES.

6. SEED AND MULCH TO BE PAID FOR IN STP 2629(I).



TYPICAL EPSC APPLICATION

ADDITIONAL EPSC NOTES:

1. THE TYPICAL EPSC APPLICATION ILLUSTRATED SHALL BE APPLIED TO THE WHOLE LENGTH OF PROJECT. ALL APPLICABLE EPSC MEASURES AND DETAILS SHALL BE EMPLOYED WHEREVER REASONABLE.

2. PRIOR TO CONSTRUCTION, PLACE PROJECT DEMARCATION FENCING AS SHOWN ON PLANS ADJACENT TO THE RIGHT OF WAY, SENSITIVE FEATURES OR AS DIRECTED BY THE ENGINEER.

3. PLACE EROSION LOG ALONG TOE OF ALL SLOPES GREATER THAN 10 FEET IN LENGTH, ADJACENT TO ALL WETLANDS, AS SHOWN ON PLANS, AND AS DIRECTED BY THE ENGINEER. ON 100 FOOT INTERVALS OR AT THE INLET TO DRAINAGE DITCHES, CURVE SOCK UPSLOPE TO PROVIDE MINOR RUNOFF RETENTION. INSTALL PER MANUFACTURER'S RECOMMENDATION.

4. PLACE TEMPORARY EROSION MATTING (ITEM 653.20) ON ALL SLOPES STEEPER THAN 1:3. PLACE 12" TYPE I STONE (ITEM 613.10) ON SLOPES STEEPER THAN 1:2 AS SHOWN ON PLANS OR AS DIRECTED BY ENGINEER.

5. REMOVE PROJECT DEMARCATION FENCING AND EROSION LOG AT THE COMPLETION OF THE PROJECT OR AS DIRECTED BY ENGINEER.

DATUM
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RESOURCE SYSTEMS GROUP, INC.
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Cornwall, Vermont

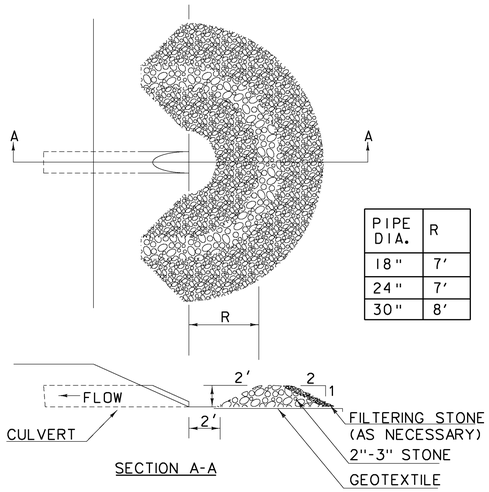
PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

FILE NAME: Z08F122BDR EPSC.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
EPSC PLAN - EPSC DETAIL SHEET 1

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS

SYMBOL

NOT TO SCALE



SECTION A-A

PIPE DIA.	R
18"	7'
24"	7'
30"	8'

CONSTRUCTION SPECIFICATIONS

1. USE 2" TO 3" STONE. FILTERING STONE SHALL BE 3/4".
2. PLACE STONE OVER GEOTEXTILE.
3. ONCE THE AREAS UPSTREAM FROM THE CHECK DAM ARE STABILIZED WITH VEGETATION, THE SEDIMENT TRAPPED BEHIND THE DAM SHALL BE DISPOSED OF IN AN APPROVED WASTE AREA.
4. THE CHECK DAM(S) SHALL BE FLATTENED AND GRADED IN A MANNER WHICH PROTECTS THE AREA FROM EROSION AND CHANNEL BLOCKAGE . (GEOTEXTILE MUST BE REMOVED).
5. THE GEOTEXTILE MUST BE DISPOSED OF APPROPRIATELY.
6. THE AREA CONTRIBUTING TO THE CHECK DAM SHALL NOT EXCEED 4 ACRES.

ADAPTED FROM DETAILS PROVIDED BY: ILLINOIS USDA-NRCS ORIGINALLY DEVELOPED BY USDA-NRCS

PIPE INLET PROTECTION

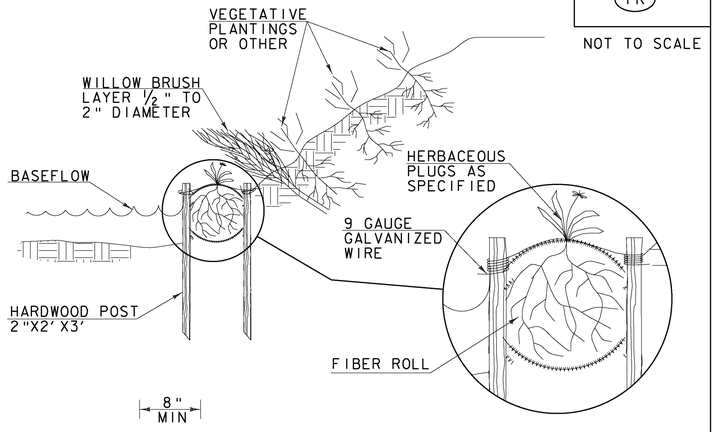
THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 653 FOR INLET PROTECTION DEVICE, TYPE I (PAY ITEM 653.40).

REVISIONS	
MARCH 6, 2008	WHF
JANUARY 13, 2009	WHF

SYMBOL

FR

NOT TO SCALE



CONSTRUCTION SPECIFICATIONS

1. EXCAVATE A SHALLOW TRENCH SLIGHTLY BELOW BASEFLOW OR A 4" TRENCH ON SLOPE CONTOURS
2. PLACE THE ROLL IN THE TRENCH AND ANCHOR WITH 2"X2" POSTS PLACED ON BOTH SIDES FO THE ROLL AND SPACED LATERALLY ON 2' TO 4' CENTERS. TRIM THE TOP OF THE POSTS EVEN WITH THE EDGE OF THE ROLL, IF NECESSARY.
3. NOTCH THE POSTS AND TIE TOGETHER, ACROSS THE ROLL, WITH 9 GAUGE GALVANIZED WIRE OR 1/8" DIAMETER BRAIDED NYLON ROPE.
4. PLACE SOIL EXCAVATED FROM THE TRENCH BEHIND THE ROLL AND HAND TAMP. PLANTWITH SUITABLE HERBACEOUS OR WOODY VEGETATION AS SPECIFIED ELSEWHERE IN THE CONTRACT DOCUMENTS. VEGETATION SHALL BE PLACED IMMEDIATELY ADJACENT TO THE ROLL TO PROMOTE ROOT GROWTH INTO THE FIBER. HERBACEOUS VEGETATION, IF SPECIFIED, SHALL BE PLANTED INTO THE FIBER ROLL.

ADAPTED FROM DETAILS PROVIDED BY: NEW YORK STATE DEC ORIGINALLY DEVELOPED BY USDA-NRCS VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FIBER ROLL (EROSION LOG)

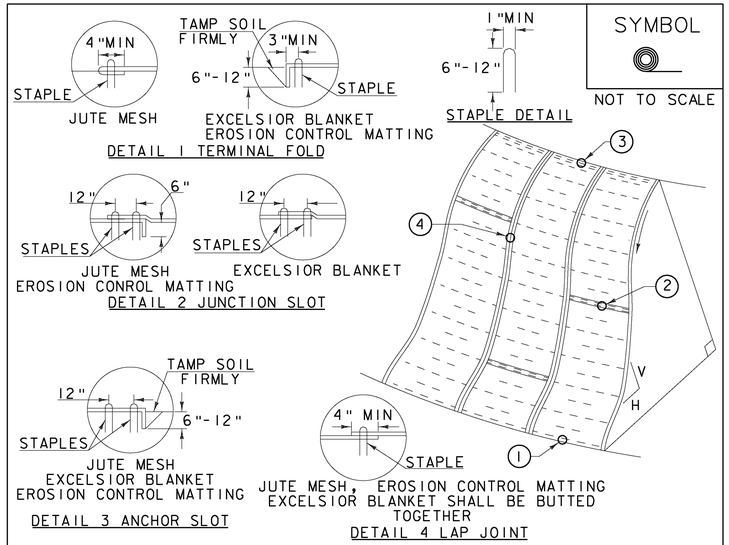
NOTES:
REFER TO "THE VERMONT STANDARDS & SPECIFICATIONS FOR EROSION PREVENTION & SEDIMENT CONTROL -2006- " FROM THE VT AGENCY OF NATURAL RESOURCES FOR ADDITIONAL GUIDANCE.

THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 653 FOR EROSION LOG (PAY ITEM 653.60)

REVISIONS	
MARCH 21, 2008	WHF
JANUARY 13, 2009	WHF

SYMBOL

NOT TO SCALE



CONSTRUCTION SPECIFICATIONS

1. APPLY TO SLOPES GREATER THAN 3H: IV OR WHERE NECESSARY TO AID IN ESTABLISHING VEGETATION.
2. APPLY FERTILIZER, LIME SEED PRIOR TO PLACING MATTING.
3. STAPLES ARE TO BE PLACED ALTERNATELY, IN COLUMNS APPROXIMATELY 2' APART AND IN ROWS APPROXIMATELY 3' APART. APPROXIMATELY 175 STAPLES ARE REQUIRED PER 4'X225' ROLL OF MATERIAL AND 125 STAPLES ARE REQUIRED PER 4'X150' ROLL OF MATERIAL.
4. DISTURBED AREAS SHALL BE SMOOTHLY GRADED. EROSION CONTROL MATERIAL SHALL BE PLACED LOOSELY OVER GROUND SURFACE. DO NOT STRETCH.
5. ALL TERMINAL ENDS AND TRANSVERSE LAPS SHALL BE STAPLED AT APPROXIMATELY 12" INTERVALS.

ADAPTED FROM DETAILS PROVIDED BY: NEW YORK STATE DEC ORIGINALLY DEVELOPED BY USDA-NRCS VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION

ROLLED EROSION CONTROL PRODUCT (RECP) SIDE SLOPE

NOTES:
REFER TO "THE VERMONT STANDARDS & SPECIFICATIONS FOR EROSION PREVENTION & SEDIMENT CONTROL -2006- " FROM THE VT AGENCY OF NATURAL RESOURCES FOR ADDITIONAL GUIDANCE.
THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 653 AND AS SHOWN IN THE PLANS FOR TEMPORARY EROSION MATTING (PAY ITEM 653.20) OR PERMANENT EROSION MATTING (PAY ITEM 653.21).

REVISIONS	
APRIL 16, 2007	JMF
JANUARY 13, 2009	WHF

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

NO.	DATE	REVISIONS	BY	CK'D

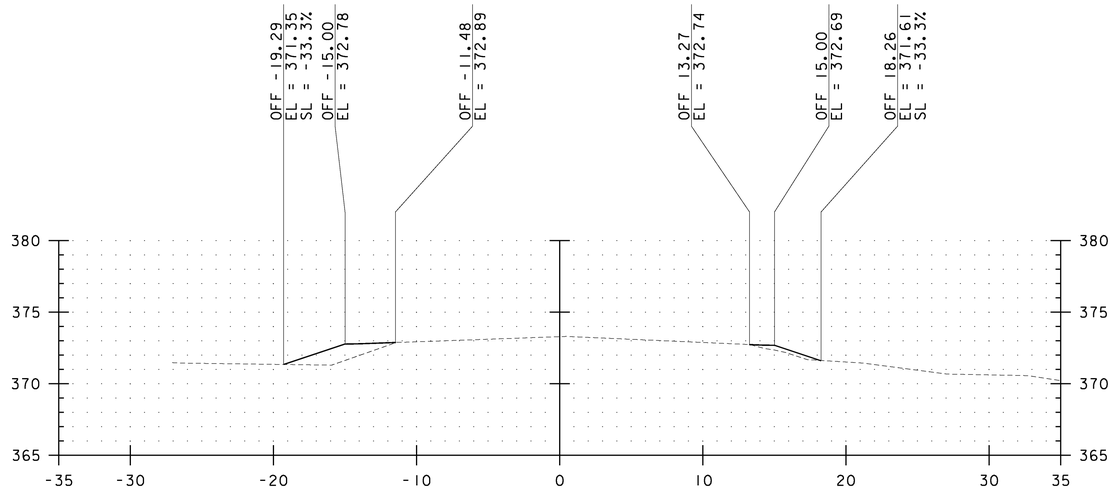
RSG INC.
RESOURCE SYSTEMS GROUP, INC.
60 Lake Street, Unit 1E • Burlington, Vermont 05401
TEL 802.383.0118 • FAX 802.383.0122 • www.rsginc.com

Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

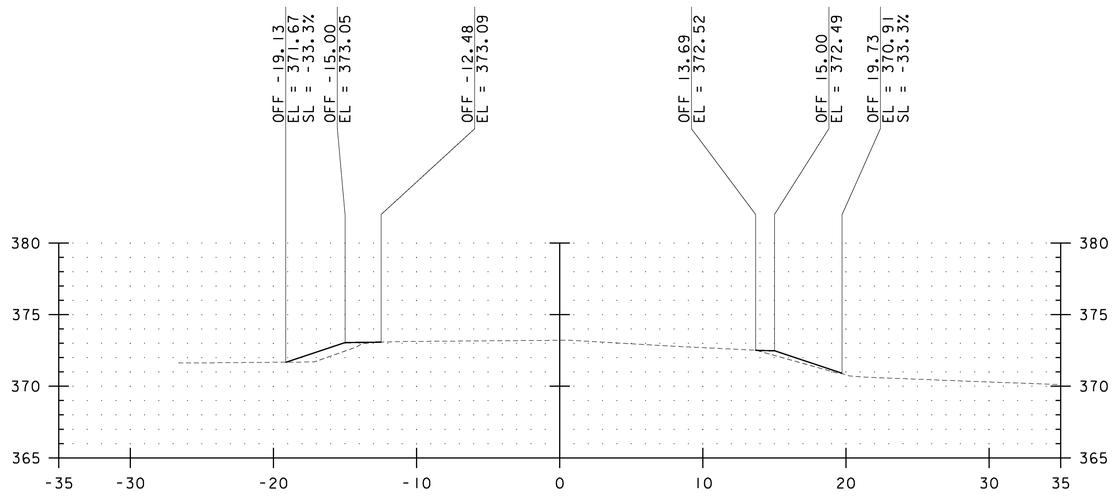
FILE NAME: Z08F122BDR EPSC.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
EPSC PLAN - EPSC DETAIL SHEET 2

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 83 OF 133



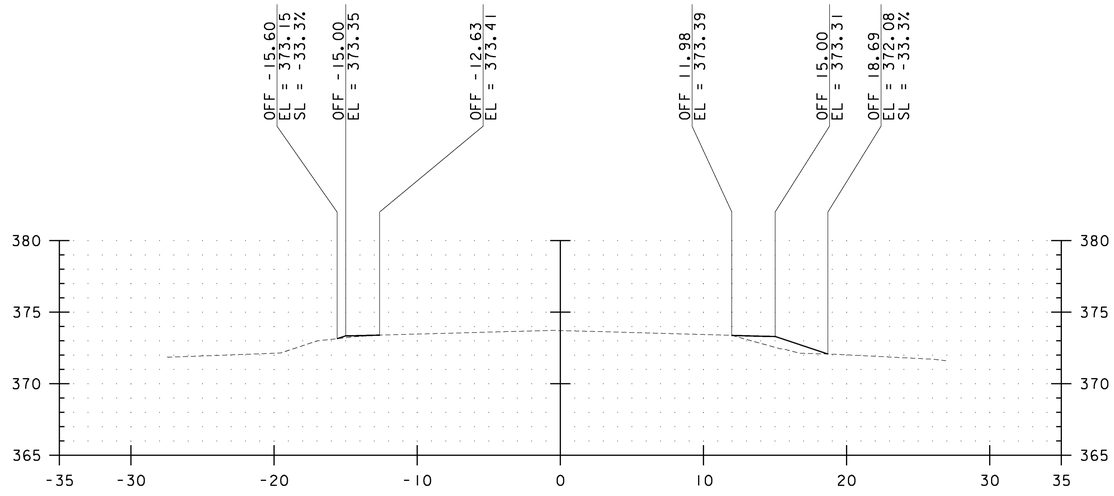
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199+50



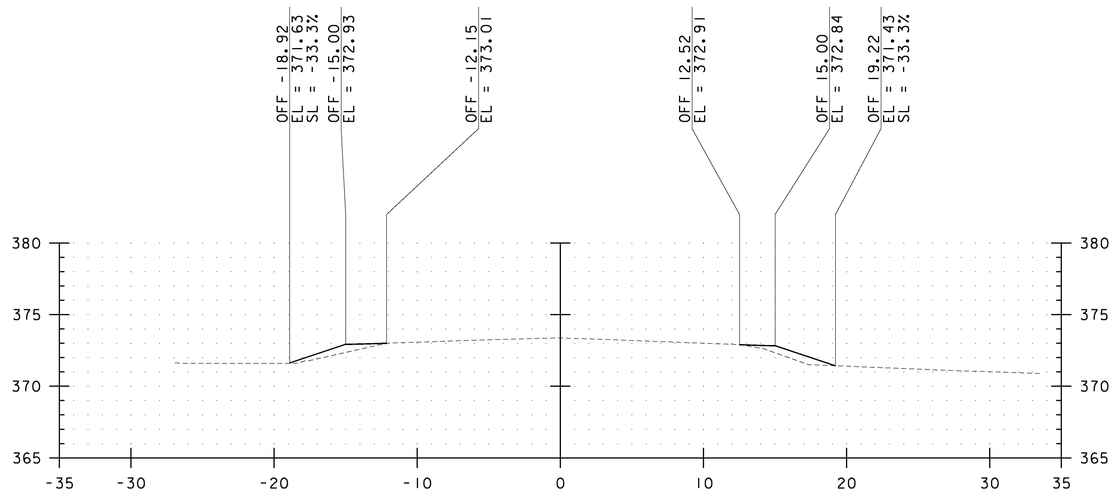
E.G. = 373.21

199+00



E.G. = 373.72

200+50



E.G. = 373.37

200+00

OFF - OFFSET FROM CENTERLINE
EL - ELEVATION
SL - SLOPE FROM INSIDE POINT

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE:
1" = 10' HORIZONTAL
1" = 10' VERTICAL

CROSS SLOPE SHALL MATCH EXISTING

ALL SIDESLOPES SHALL BE CONSTRUCTED TO A 1:3 MAXIMUM GRADE UNLESS SPECIFICALLY NOTED OTHERWISE

NO.	DATE	REVISIONS	BY	CK'D

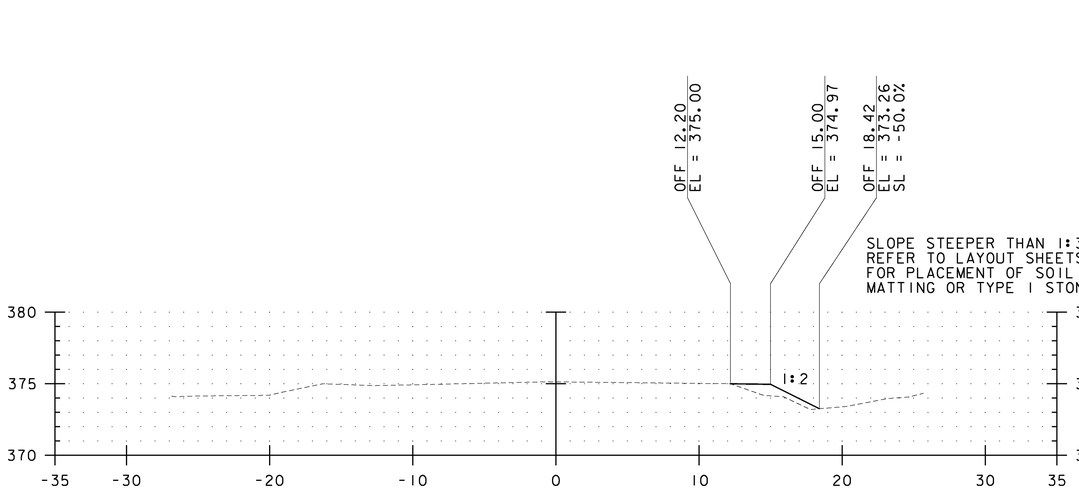
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Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
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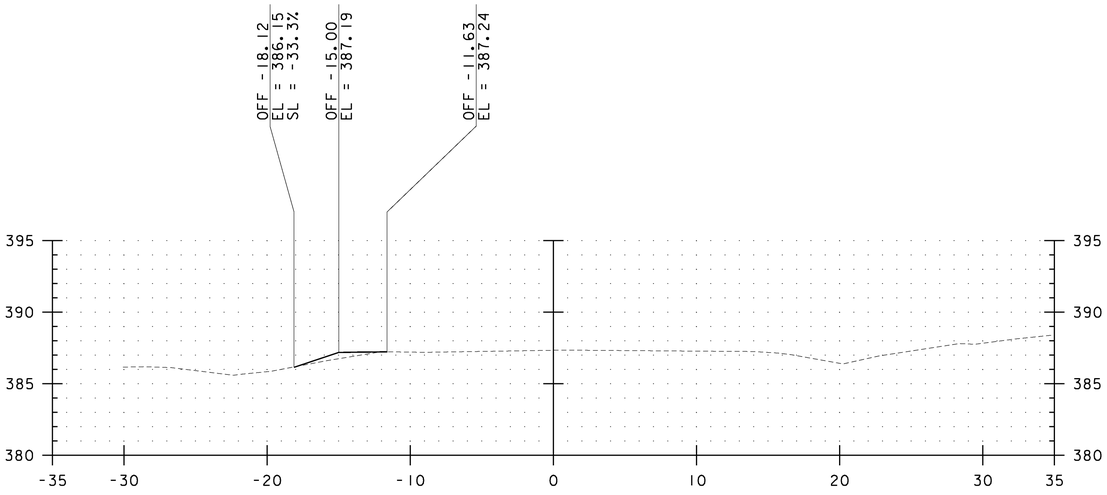
FILE NAME: Z08F122BDR XS.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
CROSS SECTION SHEET 1

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 84 OF 133



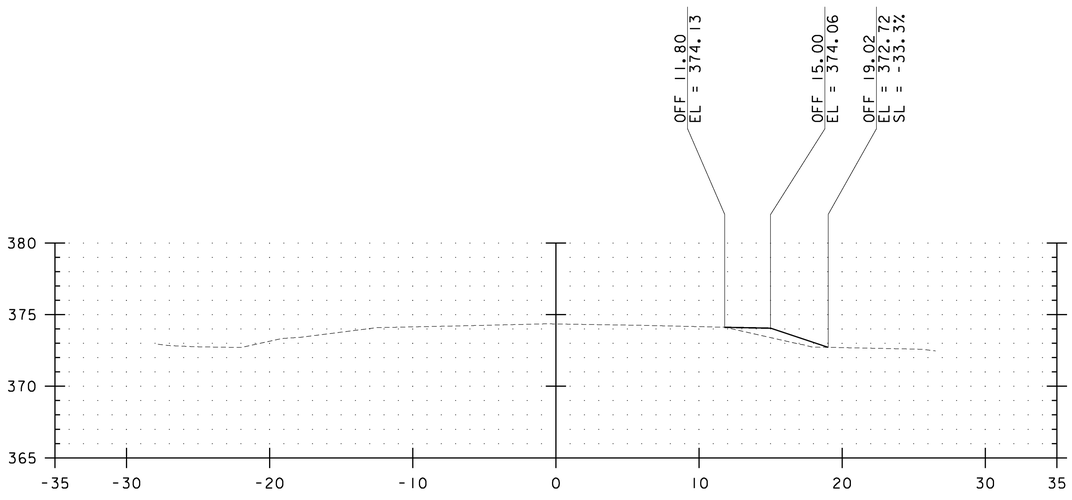
E.G. = 375.14

201+50



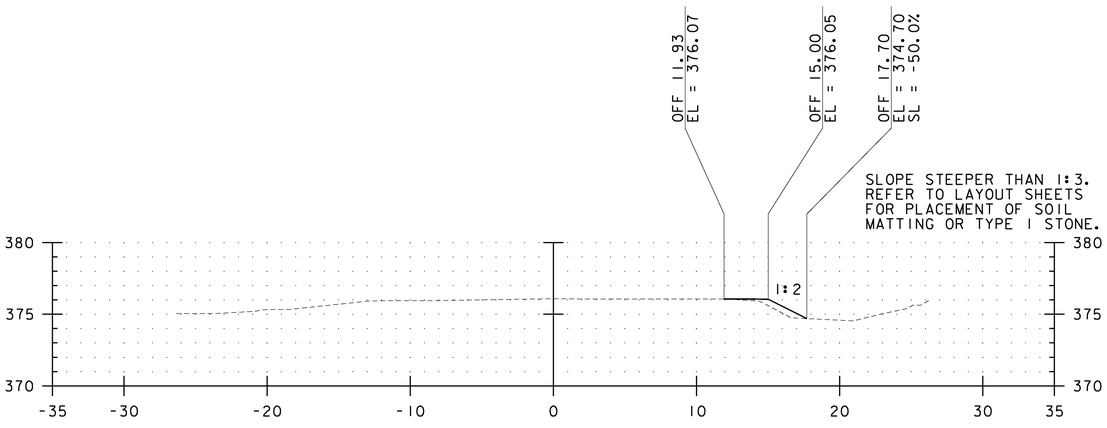
E.G. = 387.34

206+00



E.G. = 374.35

201+00



E.G. = 376.08

202+00

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE:
1" = 10' HORIZONTAL
1" = 10' VERTICAL

CROSS SLOPE SHALL MATCH EXISTING

ALL SIDESLOPES SHALL BE CONSTRUCTED TO A 1:3 MAXIMUM GRADE UNLESS SPECIFICALLY NOTED OTHERWISE

NO.	DATE	REVISIONS	BY	CK'D

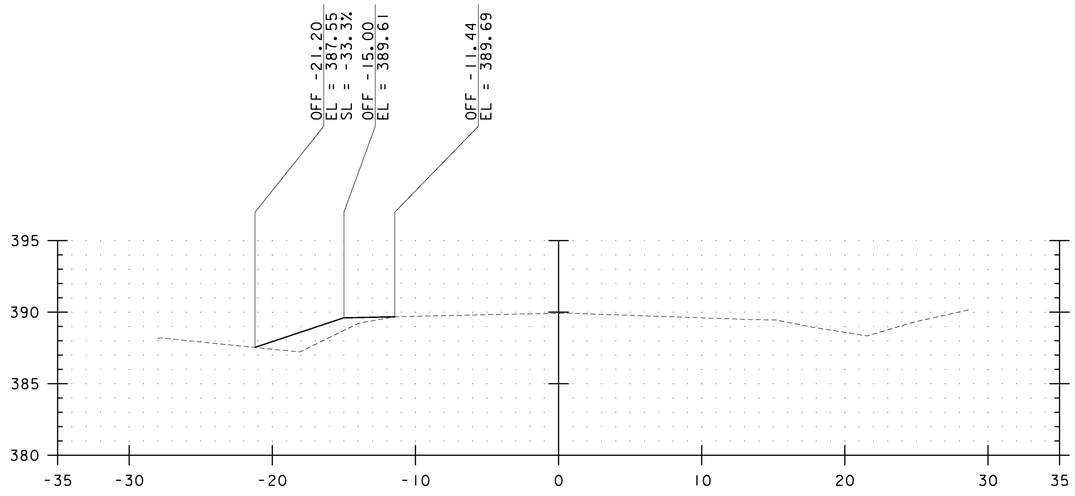
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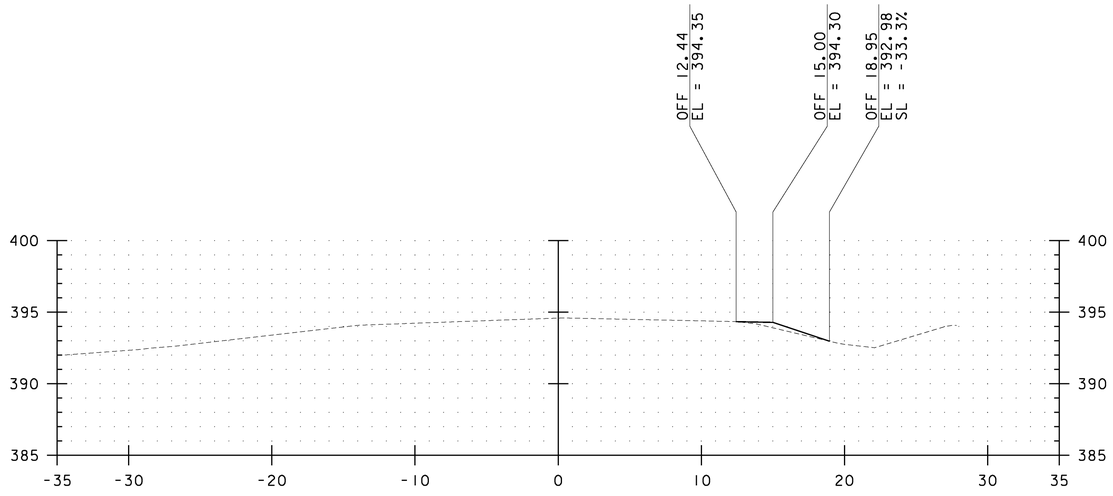
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PROJECT LEADER: MS
DESIGNED BY: CM
CROSS SECTION SHEET 2

PLOT DATE: 06/09/2010
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CHECKED BY: MS
SHEET 85 OF 133



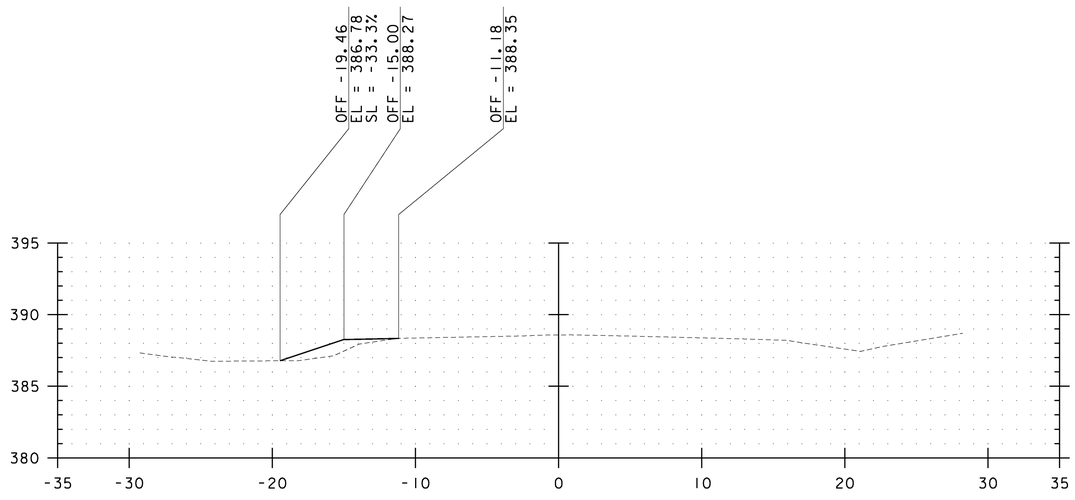
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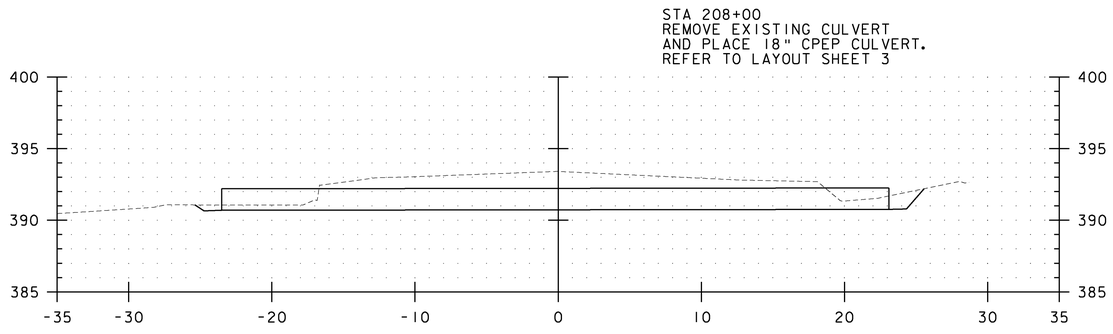
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208+50



E.G. = 388.58

206+50



E.G. = 393.41

208+00

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE:
1" = 10' HORIZONTAL
1" = 10' VERTICAL

CROSS SLOPE SHALL MATCH EXISTING

ALL SIDESLOPES SHALL BE CONSTRUCTED TO A 1:3 MAXIMUM GRADE UNLESS SPECIFICALLY NOTED OTHERWISE

NO.	DATE	REVISIONS	BY	CK'D

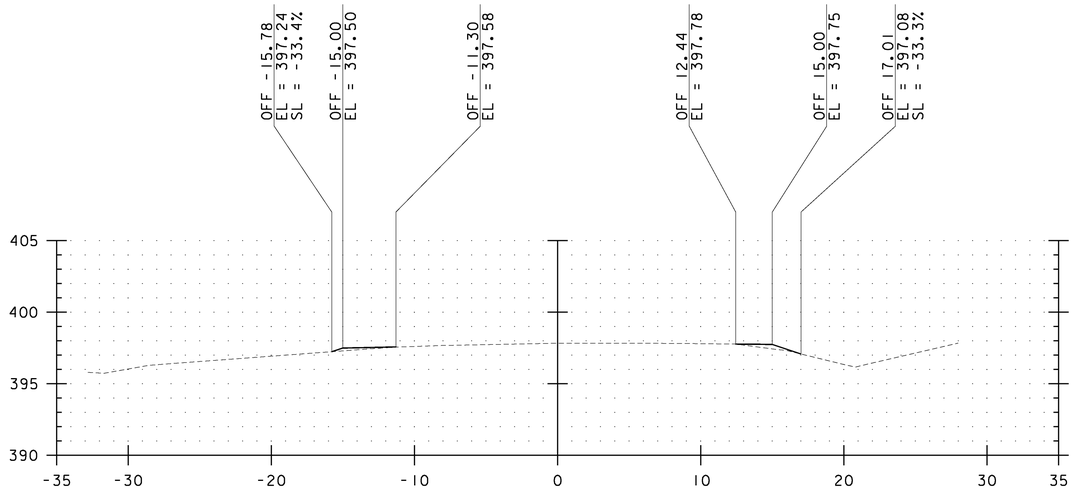
RSG INC.
RESOURCE SYSTEMS GROUP, INC.
60 Lake Street, Unit 1E • Burlington, Vermont 05401
TEL 802.383.0118 • FAX 802.383.0122 • www.rsginc.com

Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

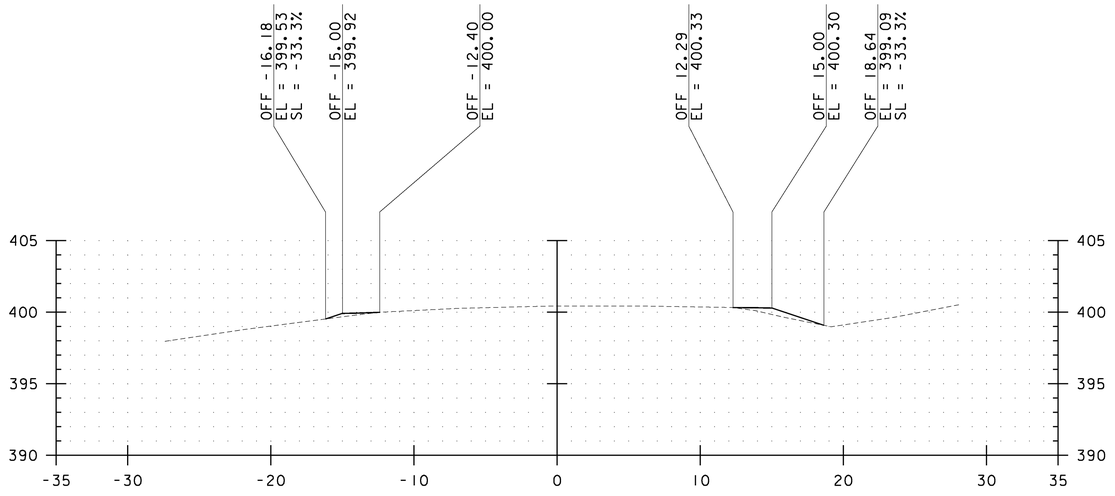
FILE NAME: Z08F122BDR XS.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
CROSS SECTION SHEET 3

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 86 OF 133



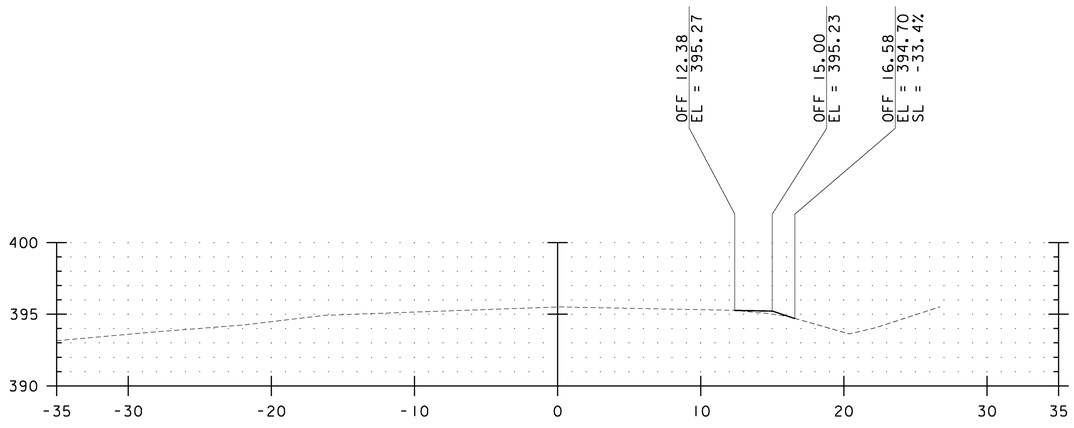
E.G. = 397.83

210+00



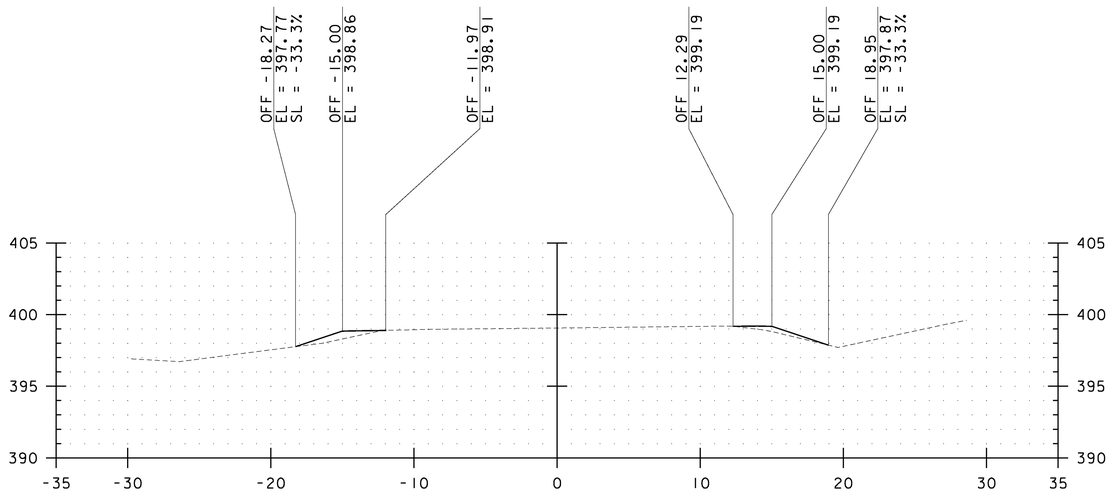
E.G. = 400.43

211+00



E.G. = 395.51

209+00



E.G. = 399.07

210+50

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE:
1" = 10' HORIZONTAL
1" = 10' VERTICAL

CROSS SLOPE SHALL MATCH EXISTING

ALL SIDESLOPES SHALL BE CONSTRUCTED TO A 1:3 MAXIMUM GRADE UNLESS SPECIFICALLY NOTED OTHERWISE

NO.	DATE	REVISIONS	BY	CK'D

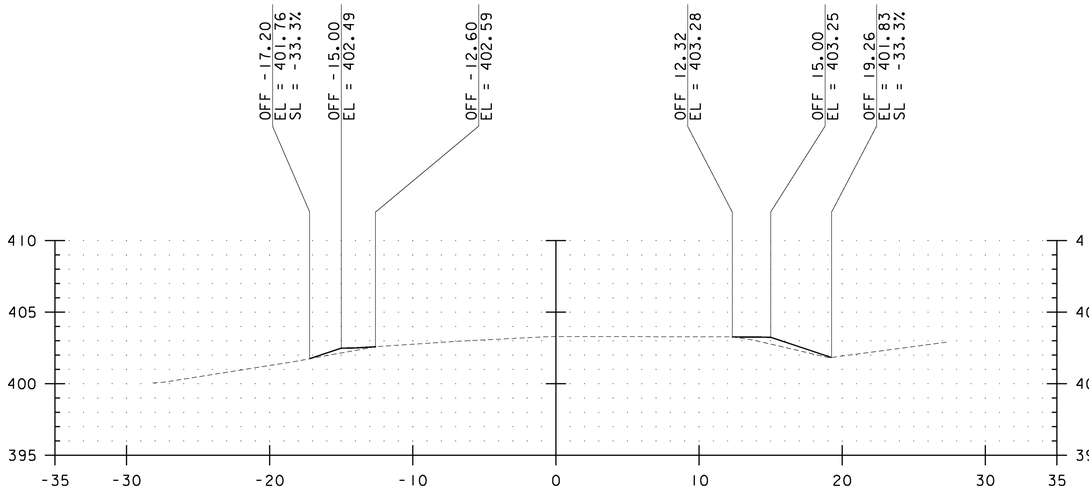
RSG INC.
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TEL 802.383.0118 • FAX 802.383.0122 • www.rsginc.com

Cornwall, Vermont
1961

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

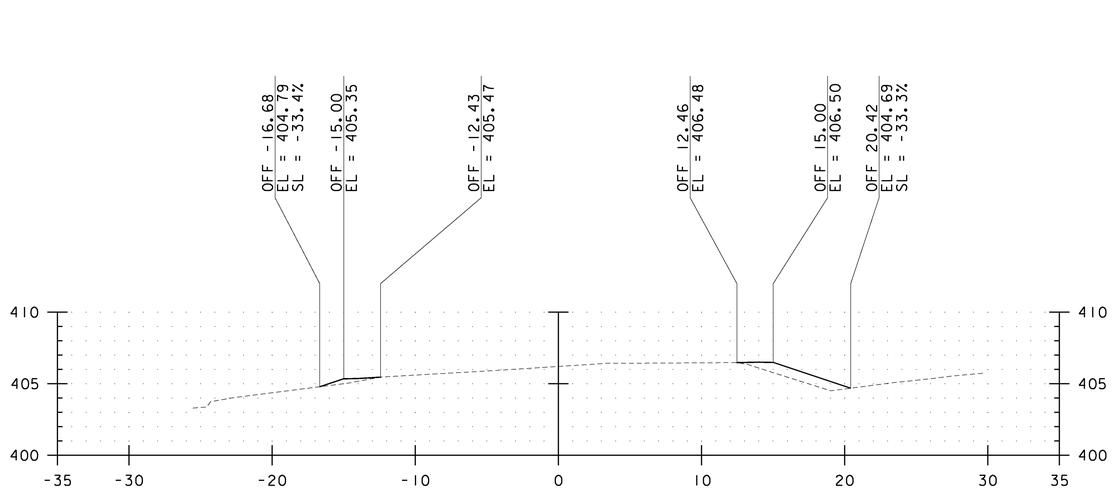
FILE NAME: Z08F122BDR XS.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
CROSS SECTION SHEET 4

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 87 OF 133



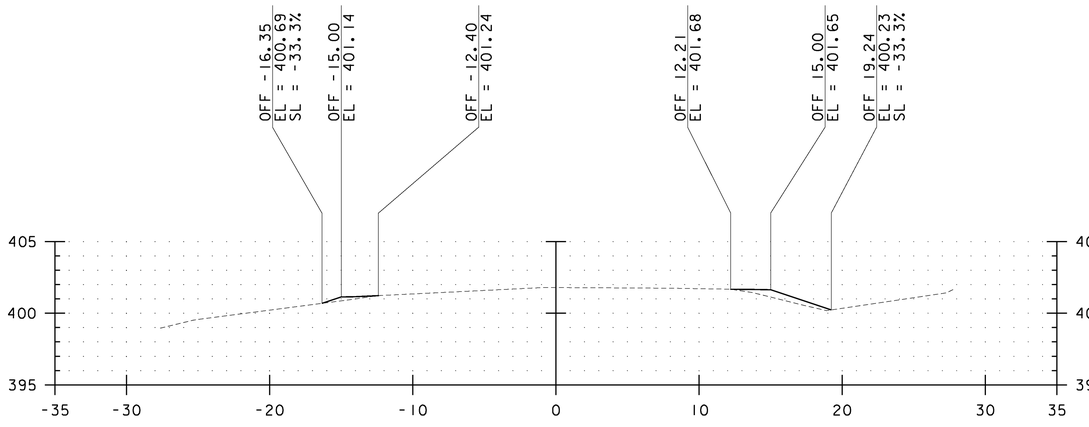
E.G. = 403.30

212+00



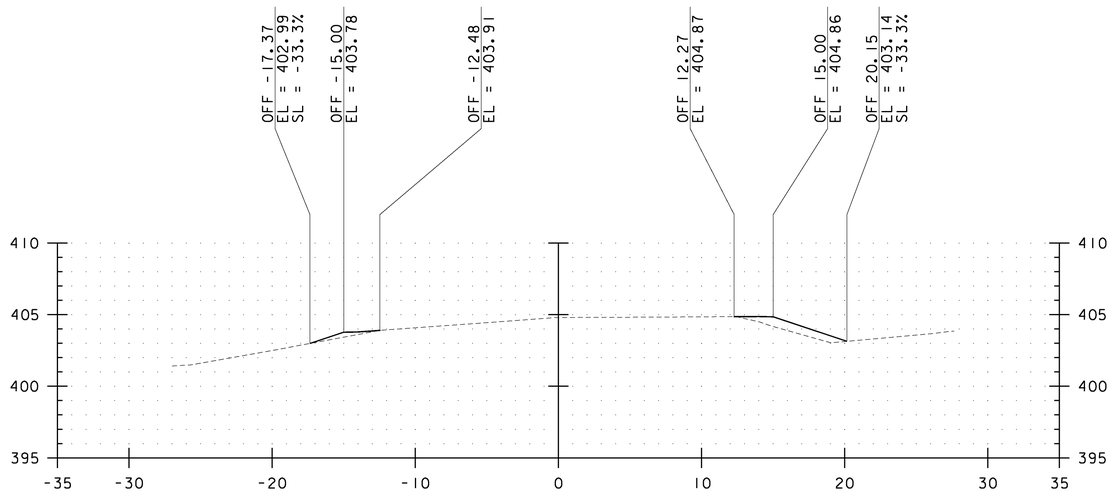
E.G. = 406.21

213+00



E.G. = 401.80

211+50



E.G. = 404.80

212+50

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE:
1" = 10' HORIZONTAL
1" = 10' VERTICAL

CROSS SLOPE SHALL MATCH EXISTING

ALL SIDESLOPES SHALL BE CONSTRUCTED TO A 1:3 MAXIMUM GRADE UNLESS SPECIFICALLY NOTED OTHERWISE

NO.	DATE	REVISIONS	BY	CK'D

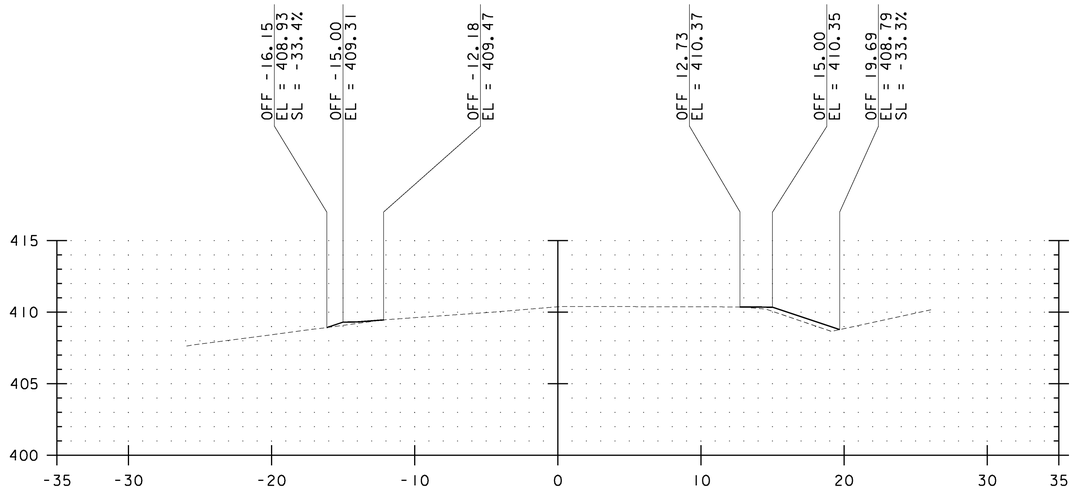
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Cornwall, Vermont
1961

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

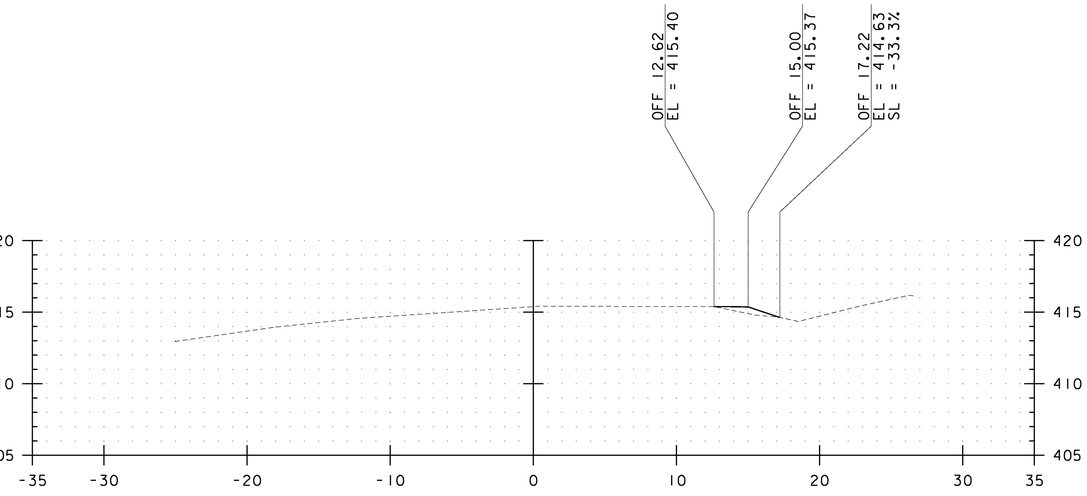
FILE NAME: Z08F122BDR XS.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
CROSS SECTION SHEET 5

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 88 OF 133



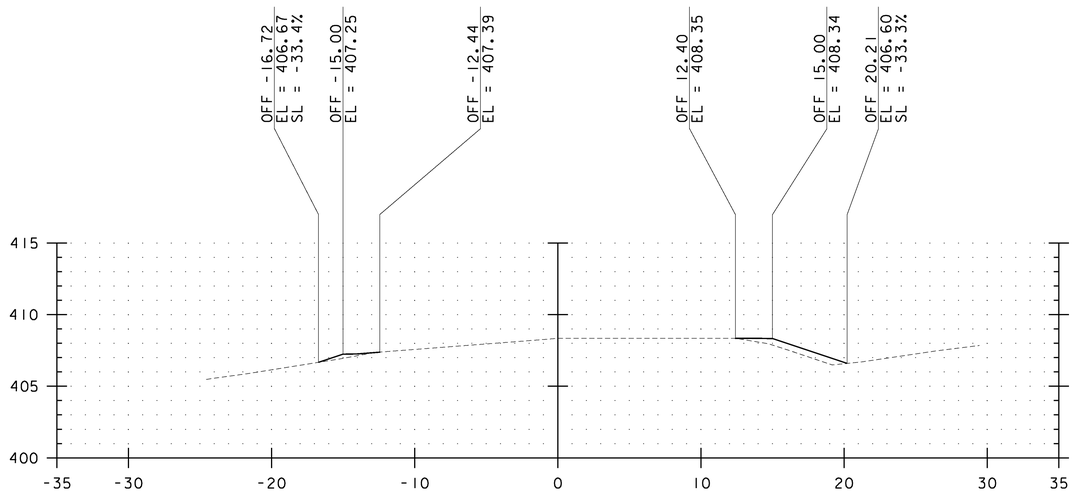
E.G. = 410.38

214+00



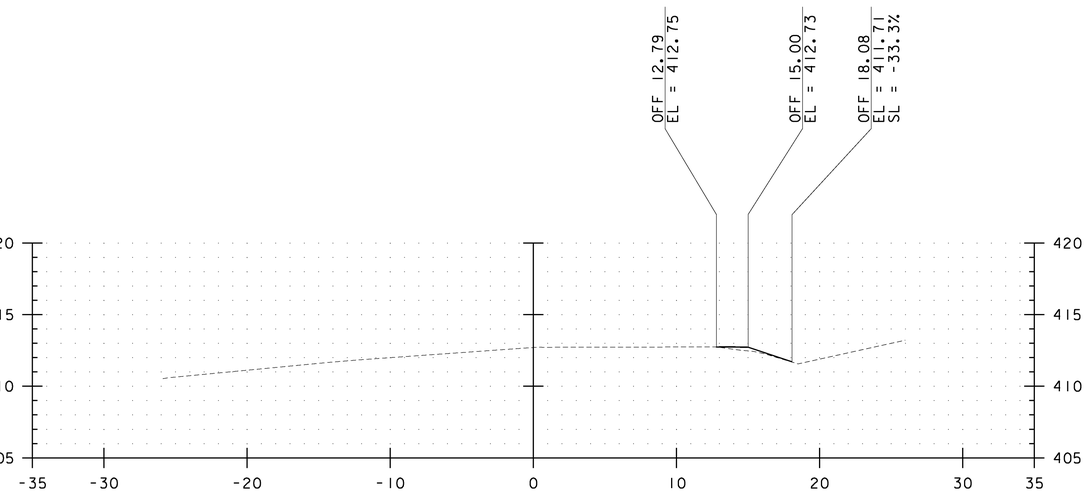
E.G. = 415.39

215+00



E.G. = 408.35

213+50



E.G. = 412.71

214+50

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE:
1" = 10' HORIZONTAL
1" = 10' VERTICAL

CROSS SLOPE SHALL MATCH EXISTING

ALL SIDESLOPES SHALL BE CONSTRUCTED TO A 1:3 MAXIMUM GRADE UNLESS SPECIFICALLY NOTED OTHERWISE

NO.	DATE	REVISIONS	BY	CK'D

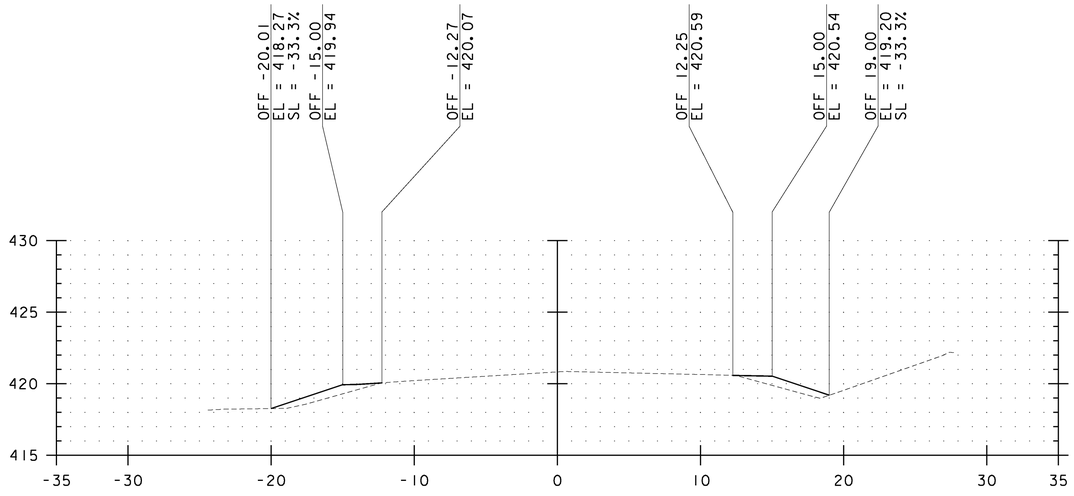
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Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

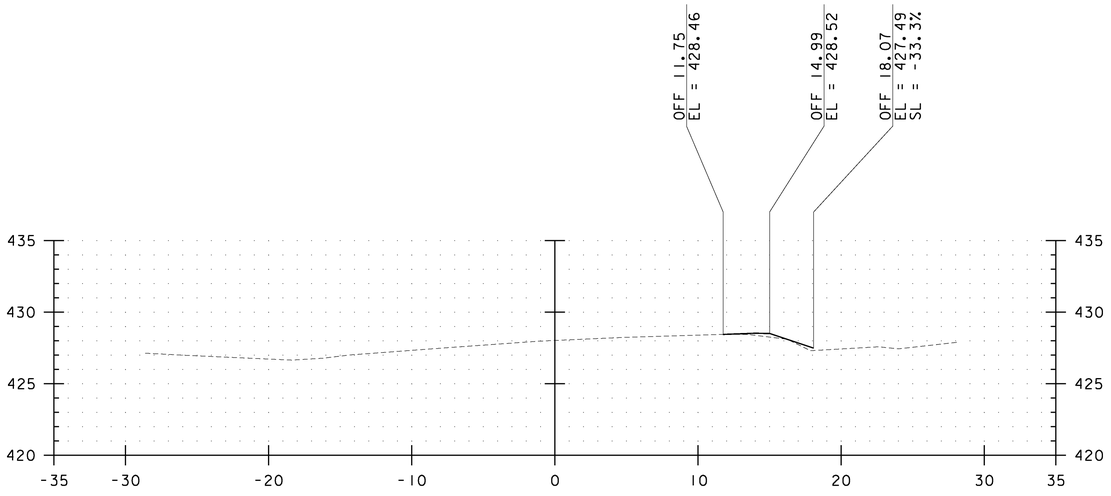
FILE NAME: Z08F122BDR XS.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
CROSS SECTION SHEET 6

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 89 OF 133



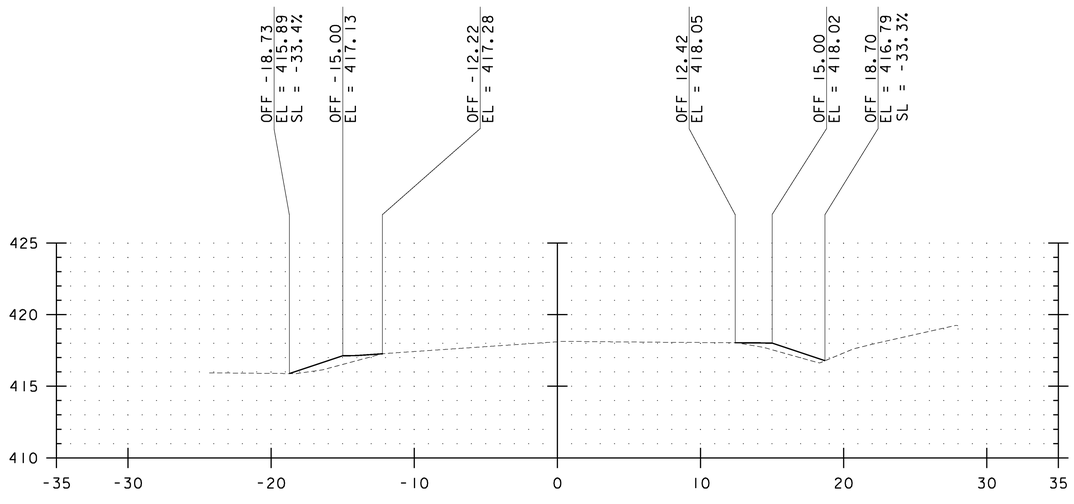
E.G. = 420.83

216+00



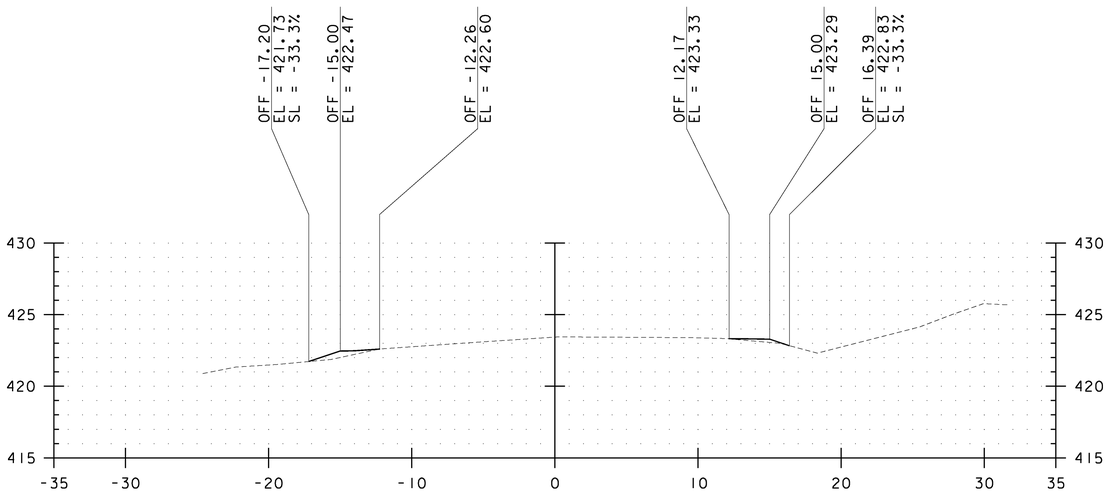
E.G. = 428.03

219+00



E.G. = 418.11

215+50



E.G. = 423.44

216+50

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE:
1" = 10' HORIZONTAL
1" = 10' VERTICAL

CROSS SLOPE SHALL MATCH EXISTING

ALL SIDESLOPES SHALL BE CONSTRUCTED TO A 1:3 MAXIMUM GRADE UNLESS SPECIFICALLY NOTED OTHERWISE

NO.	DATE	REVISIONS	BY	CK'D

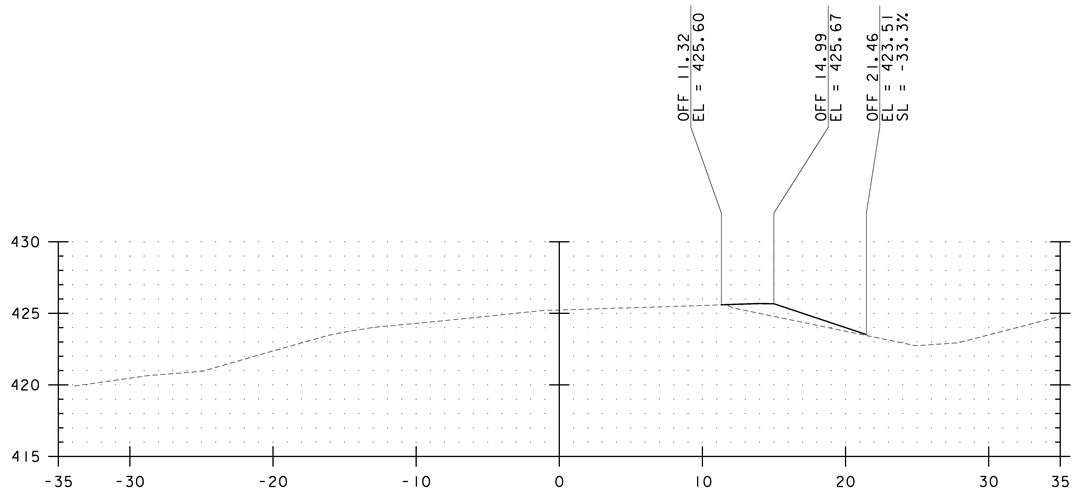
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Cornwall, Vermont
1961

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

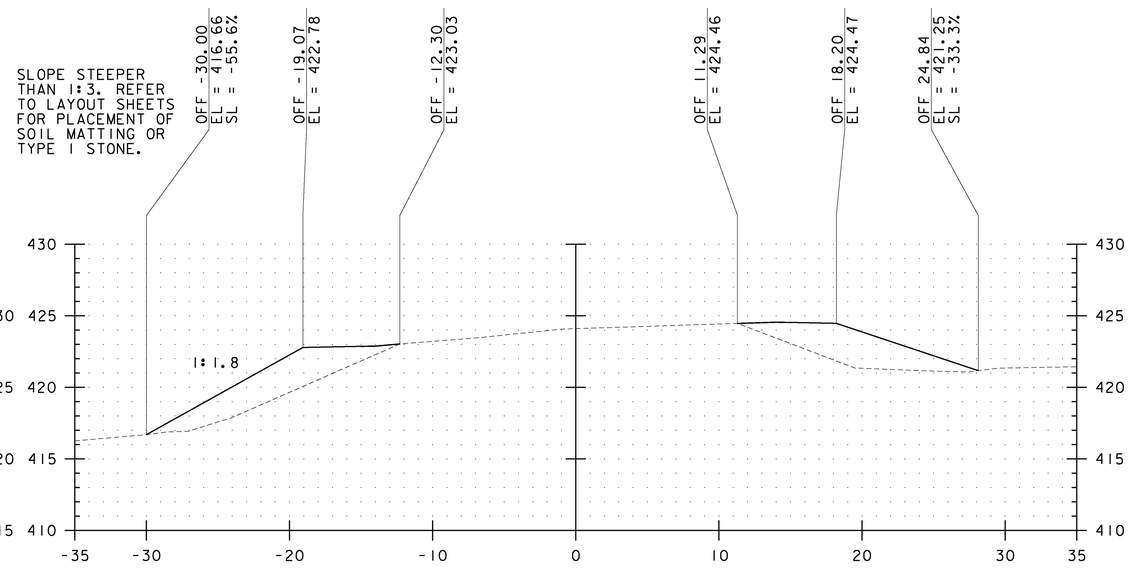
FILE NAME: Z08F122BDR XS.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
CROSS SECTION SHEET 7

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 90 OF 133



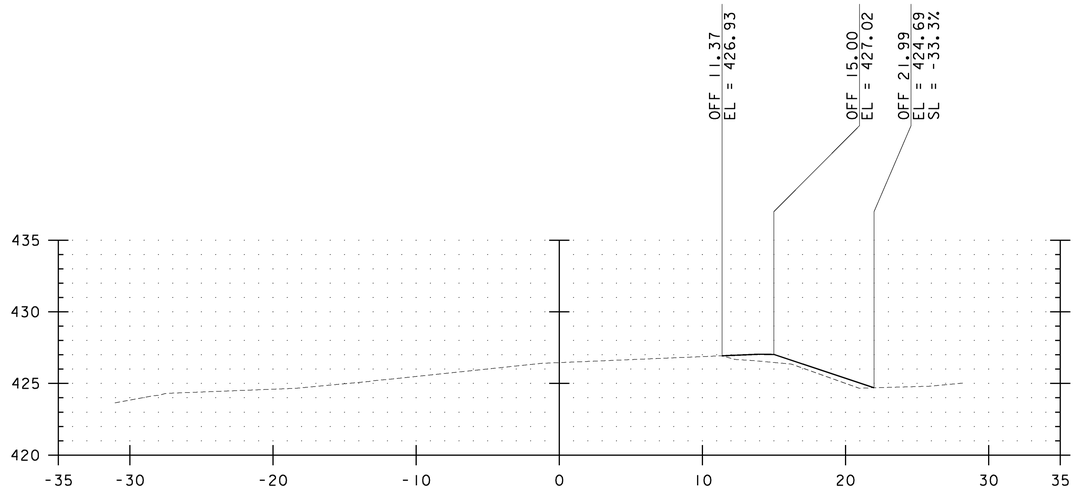
E.G. = 425.23

220+00



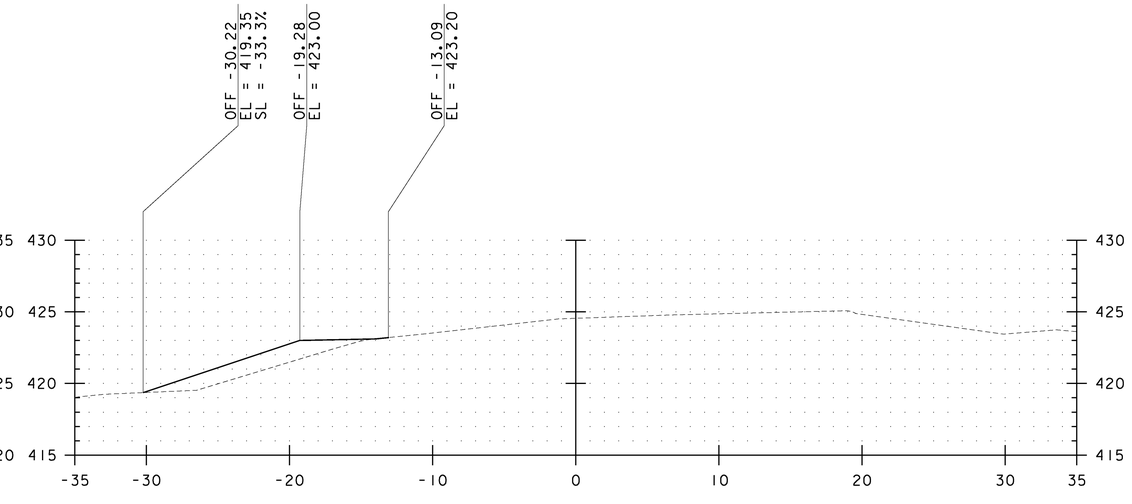
E.G. = 424.09

221+00



E.G. = 426.45

219+50



E.G. = 424.54

220+50

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE:
1" = 10' HORIZONTAL
1" = 10' VERTICAL

CROSS SLOPE SHALL MATCH EXISTING

ALL SIDESLOPES SHALL BE CONSTRUCTED TO A 1:3 MAXIMUM GRADE UNLESS SPECIFICALLY NOTED OTHERWISE

NO.	DATE	REVISIONS	BY	CK'D

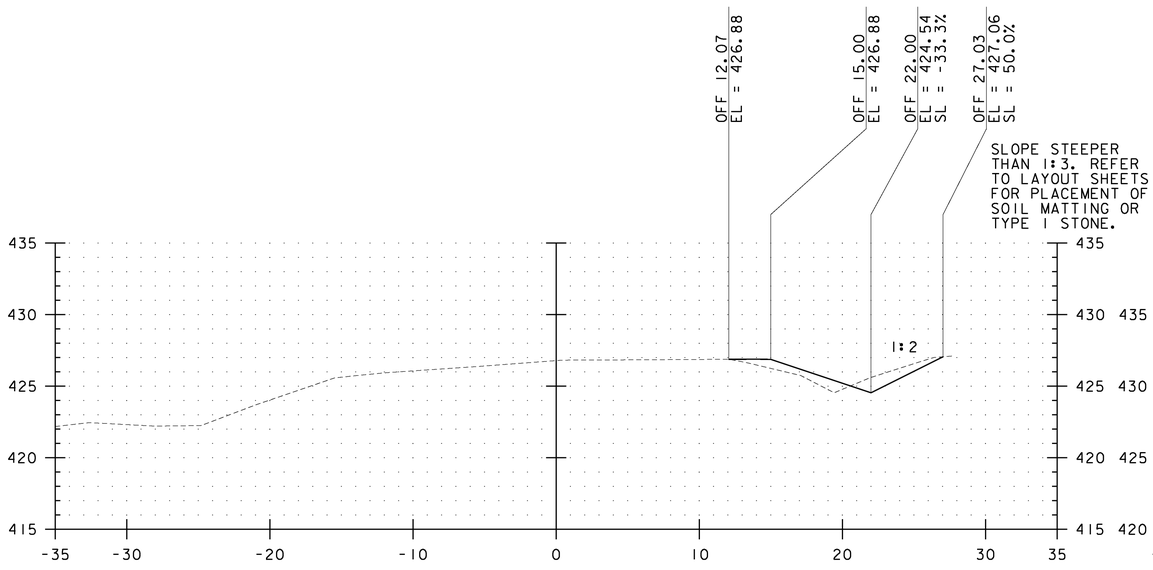
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Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

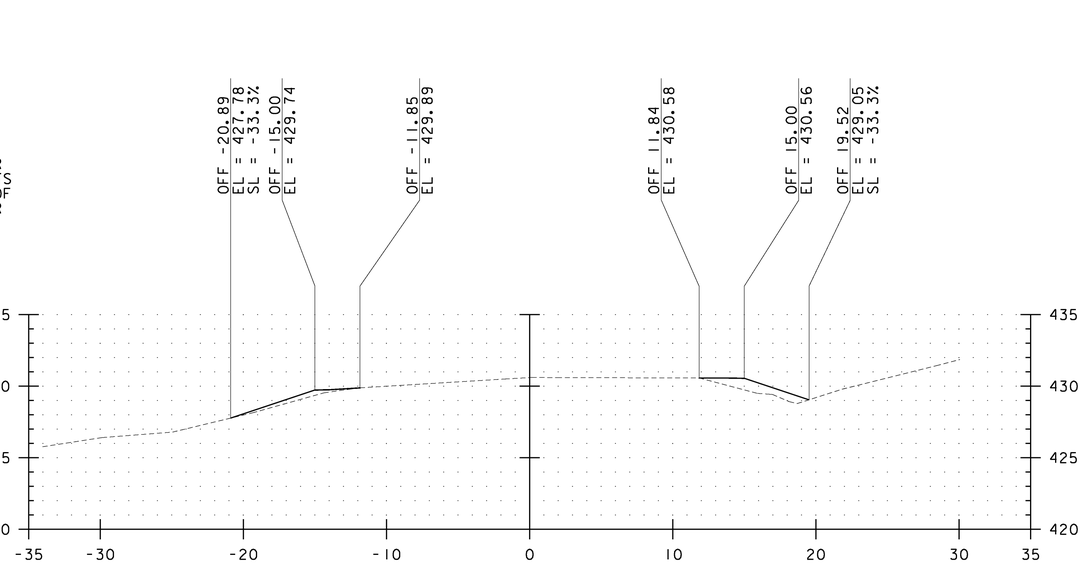
FILE NAME: Z08F122BDR XS.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
CROSS SECTION SHEET 8

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS



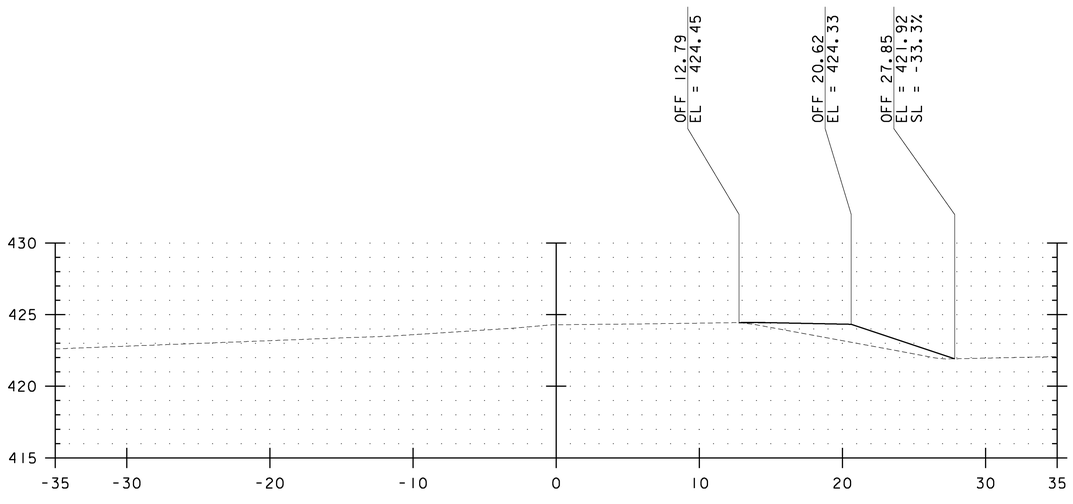
E.G. = 426.79

222+50



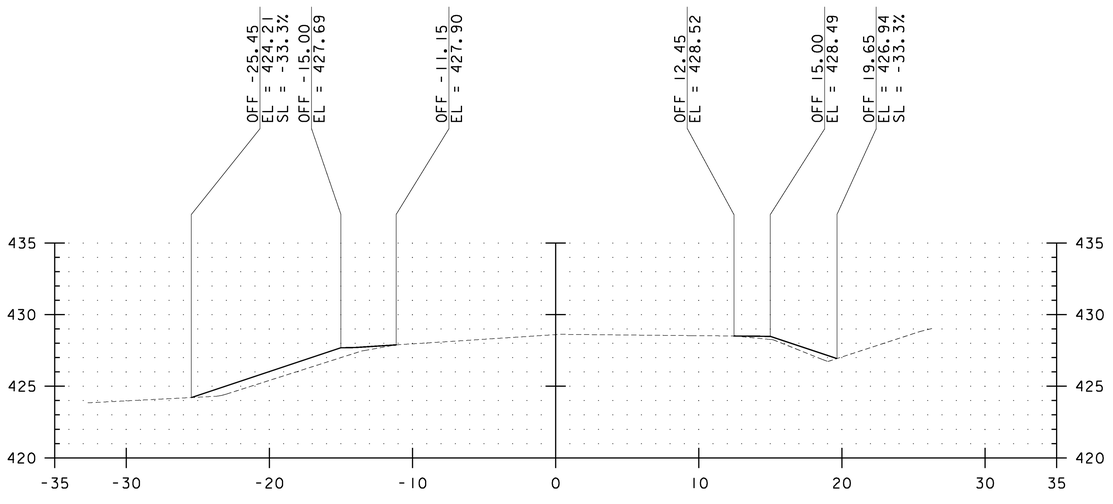
E.G. = 430.61

223+50



E.G. = 424.30

221+50



E.G. = 428.61

223+00

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE:
1" = 10' HORIZONTAL
1" = 10' VERTICAL

CROSS SLOPE SHALL MATCH EXISTING

ALL SIDESLOPES SHALL BE CONSTRUCTED TO A 1:3 MAXIMUM GRADE UNLESS SPECIFICALLY NOTED OTHERWISE

NO.	DATE	REVISIONS	BY	CK'D

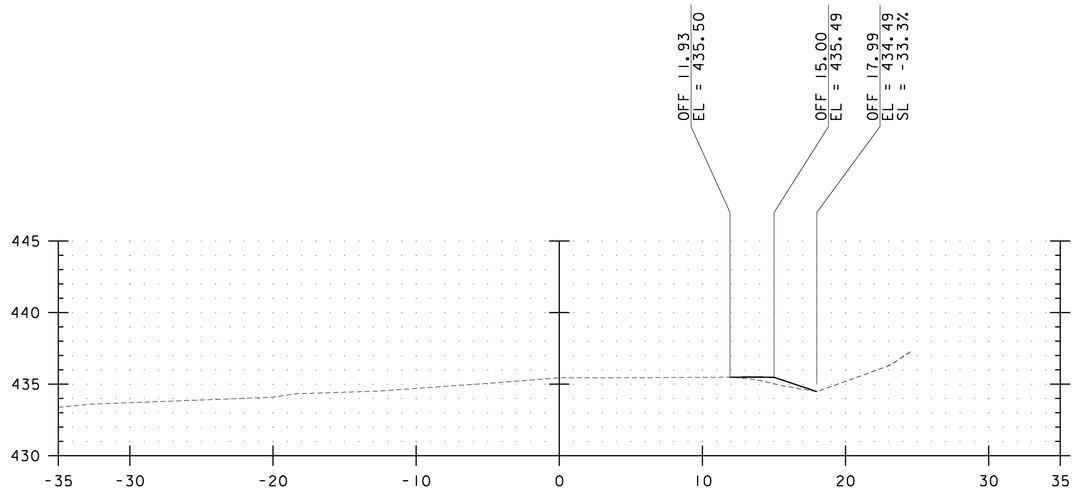
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Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

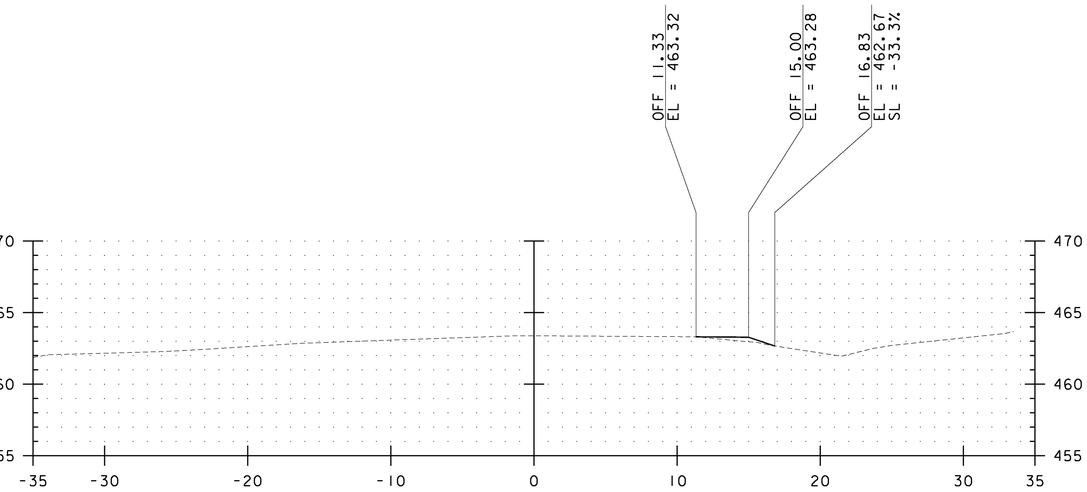
FILE NAME: Z08F122BDR XS.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
CROSS SECTION SHEET 9

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 92 OF 133



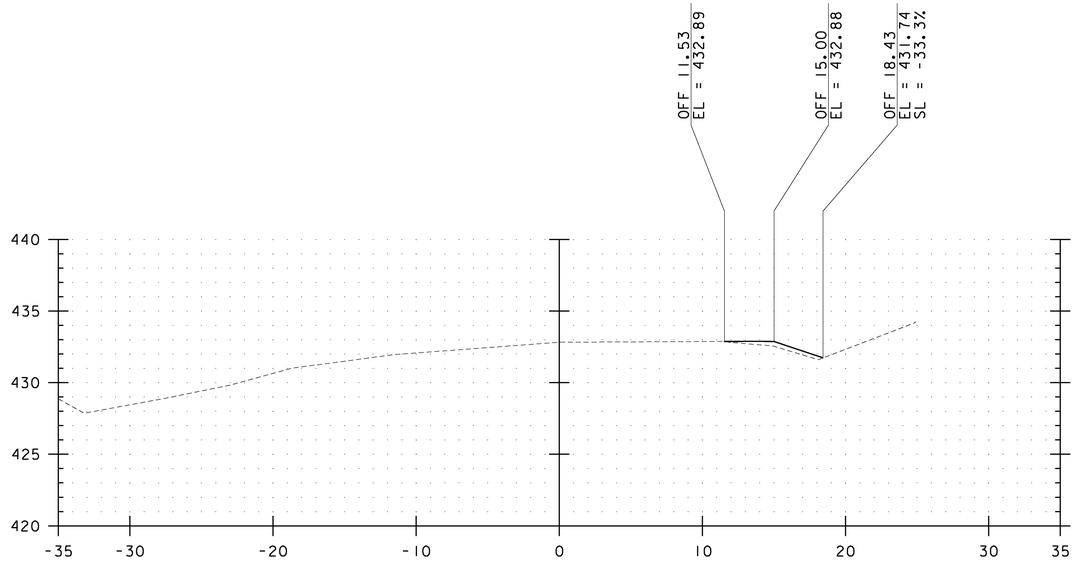
E.G. = 435.44

224+50



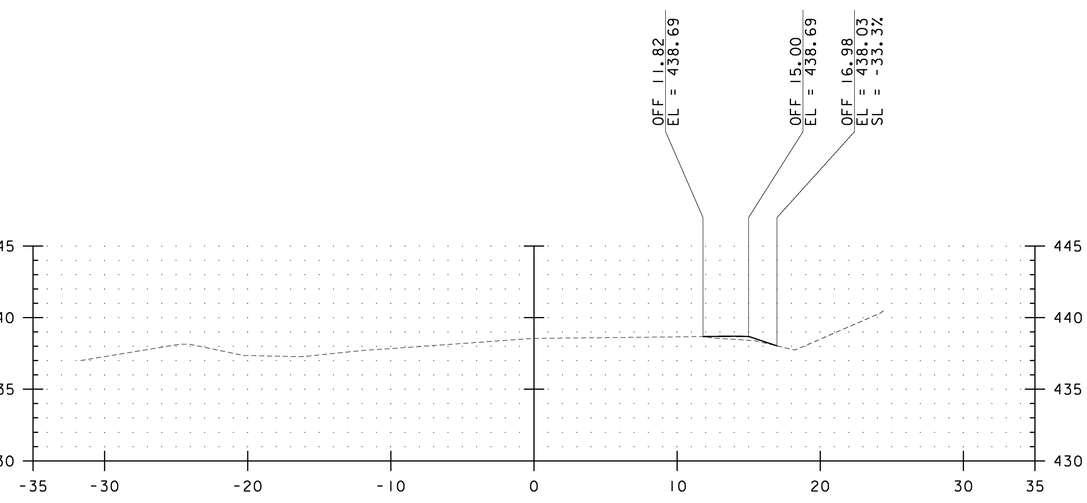
E.G. = 463.38

228+00



E.G. = 432.83

224+00



E.G. = 438.55

225+00

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE:
1" = 10' HORIZONTAL
1" = 10' VERTICAL

CROSS SLOPE SHALL MATCH EXISTING

ALL SIDESLOPES SHALL BE CONSTRUCTED TO A 1:3 MAXIMUM GRADE UNLESS SPECIFICALLY NOTED OTHERWISE

NO.	DATE	REVISIONS	BY	CK'D

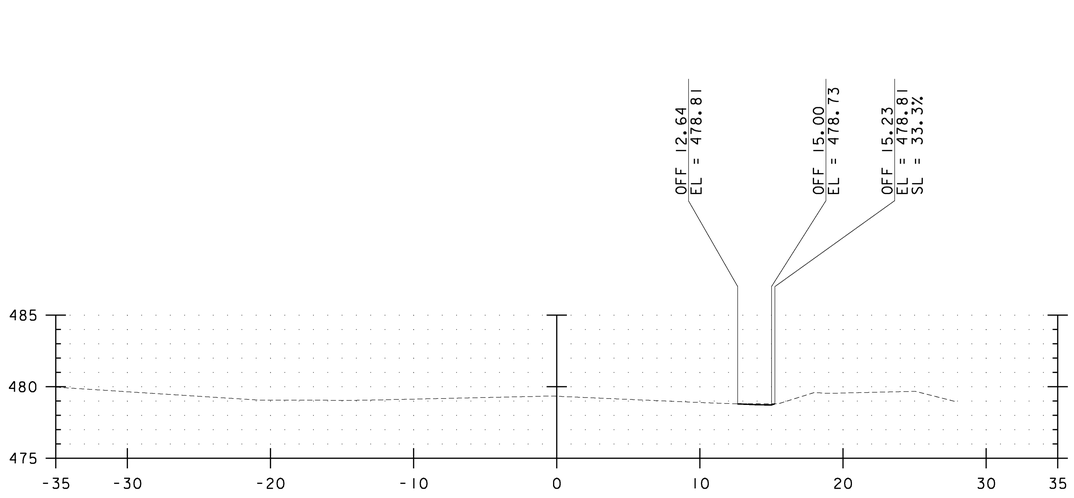
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Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

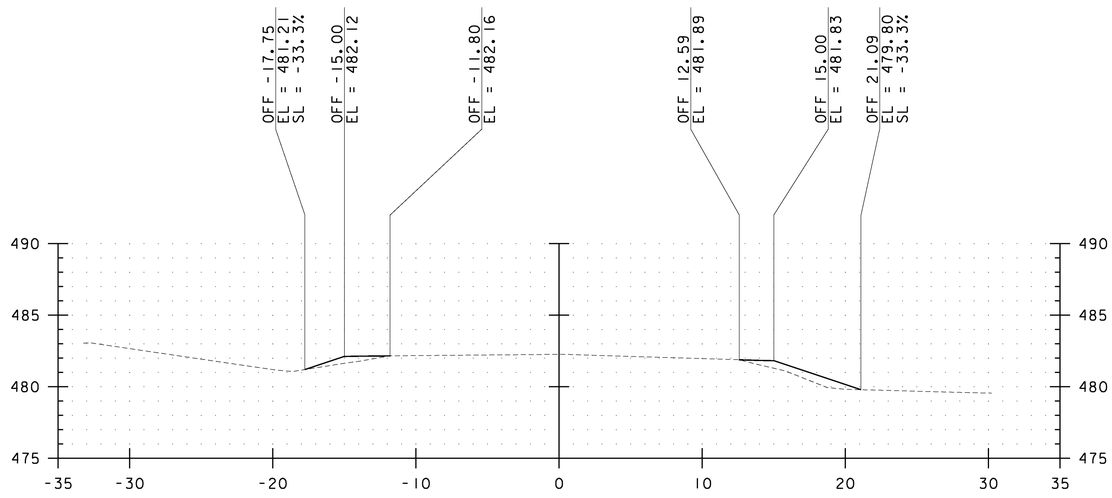
FILE NAME: Z08F122BDR XS.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
CROSS SECTION SHEET 10

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 93 OF 133



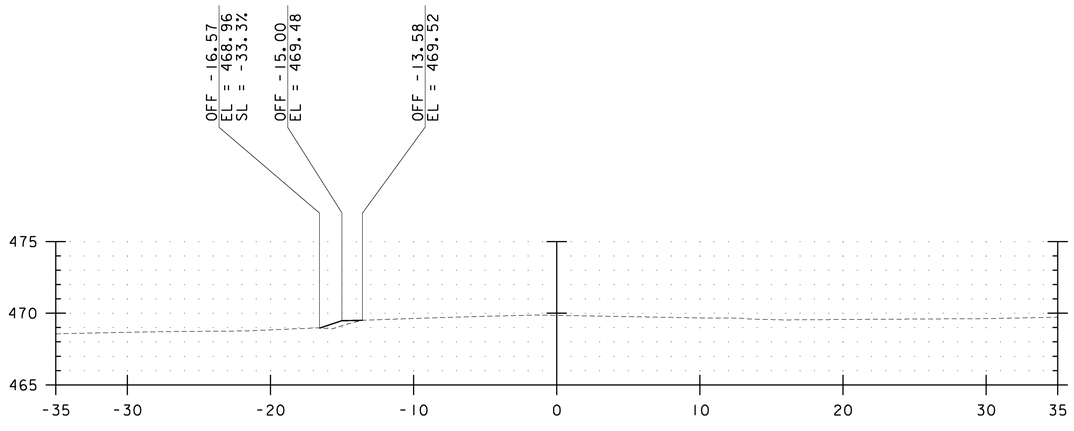
E.G. = 479.34

232+00



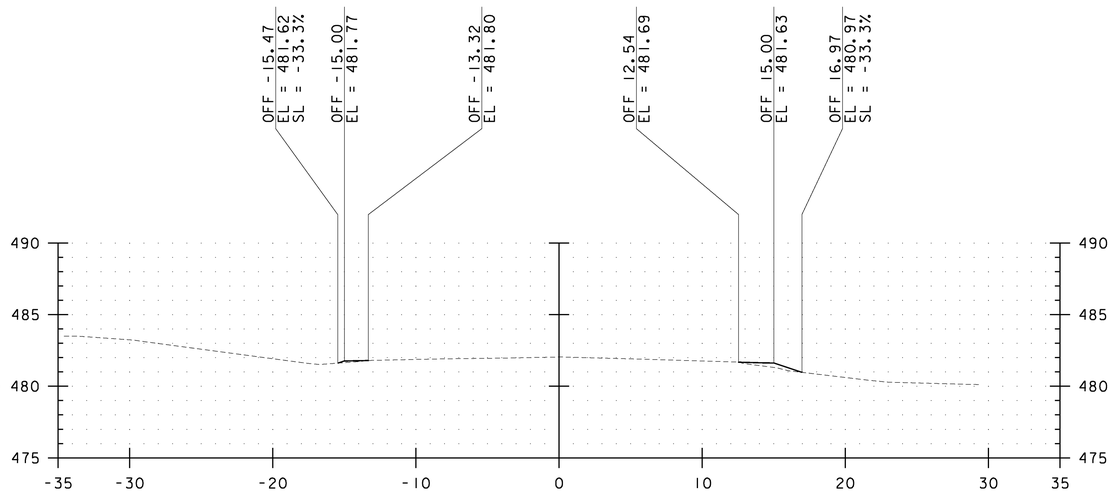
E.G. = 482.26

233+50



E.G. = 469.85

229+50



E.G. = 482.04

233+00

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE:
1" = 10' HORIZONTAL
1" = 10' VERTICAL

CROSS SLOPE SHALL MATCH EXISTING

ALL SIDESLOPES SHALL BE CONSTRUCTED TO A 1:3 MAXIMUM GRADE UNLESS SPECIFICALLY NOTED OTHERWISE

NO.	DATE	REVISIONS	BY	CK'D

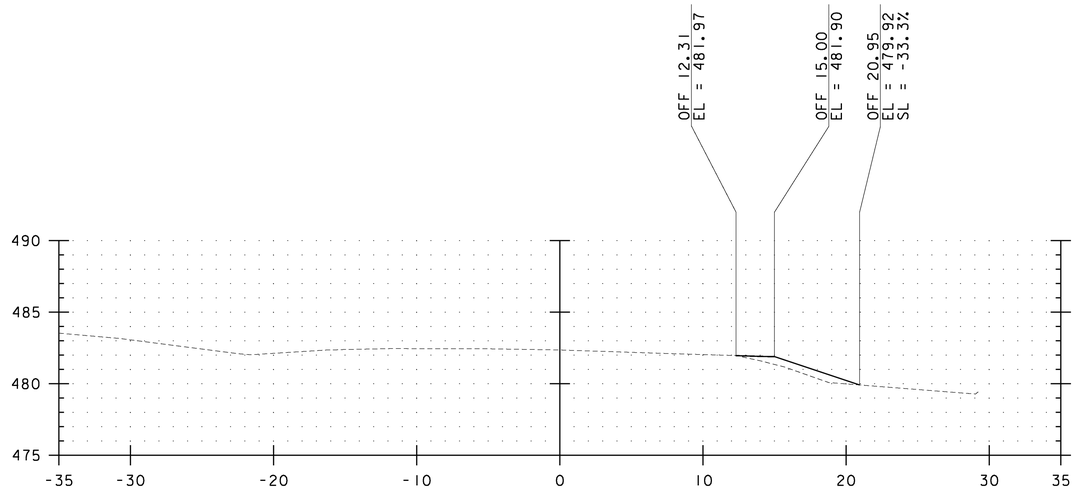
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TEL 802.383.0118 • FAX 802.383.0122 • www.rsginc.com

Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

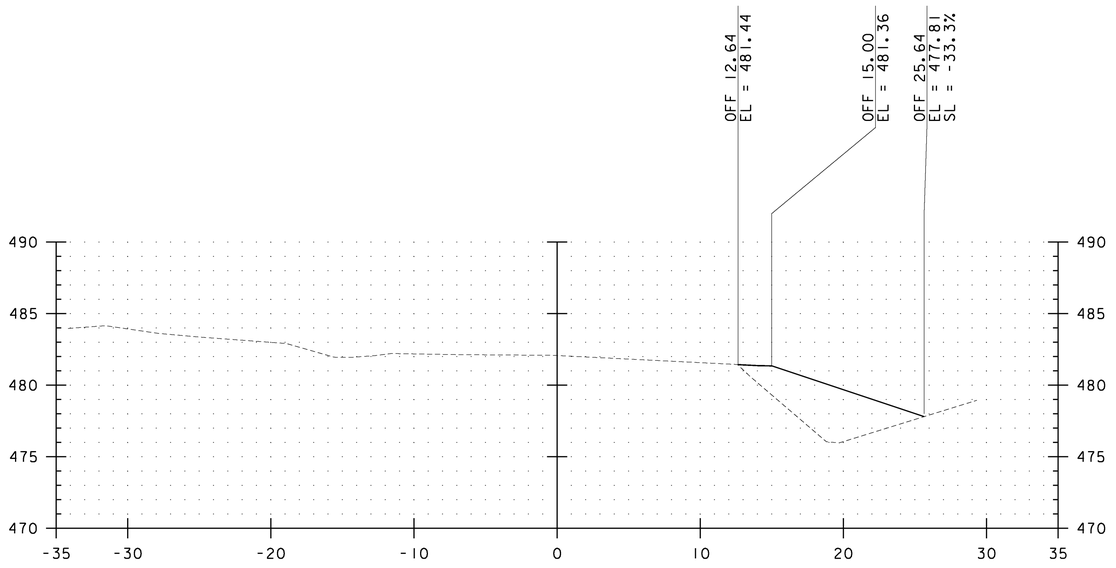
FILE NAME: Z08F122BDR XS.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
CROSS SECTION SHEET 11

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 94 OF 133



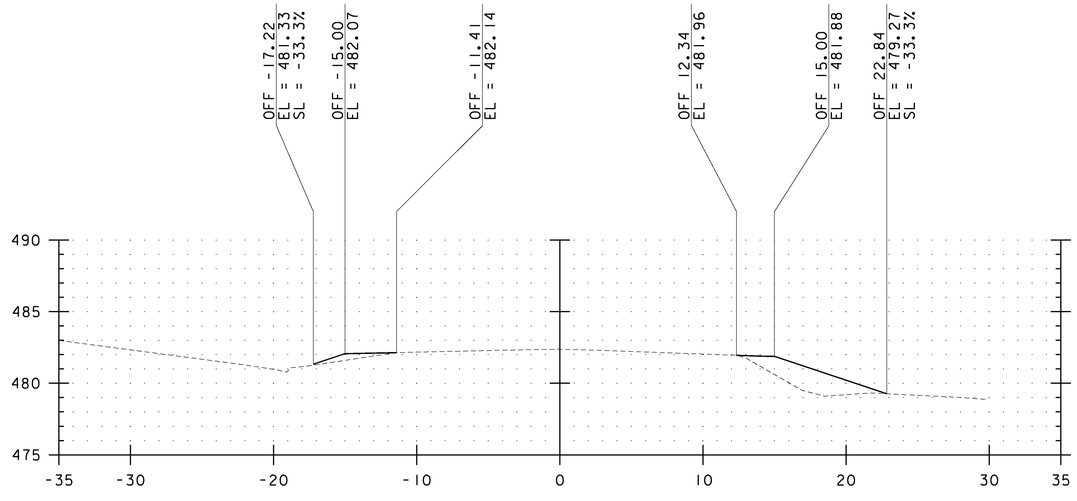
E.G. = 482.36

234+50



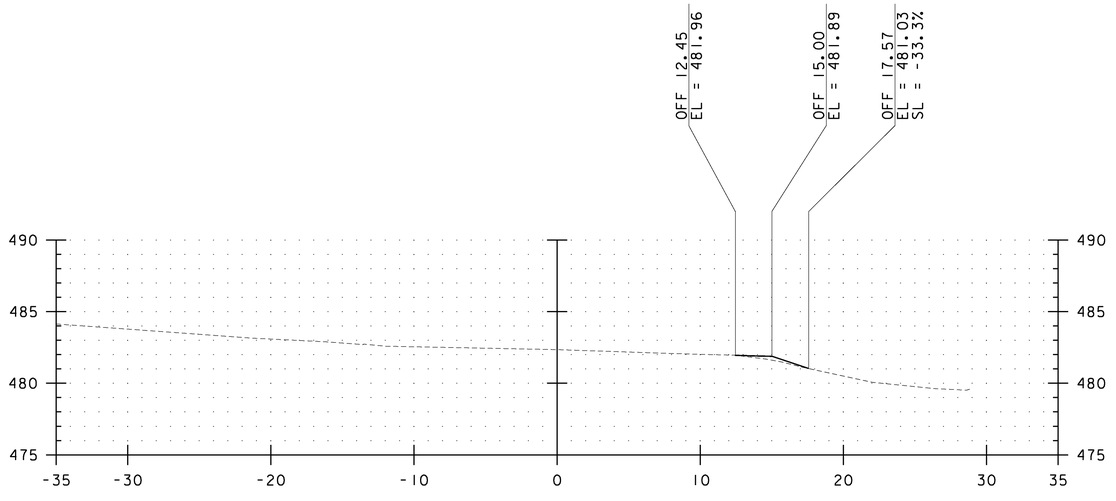
E.G. = 482.08

235+50



E.G. = 482.38

234+00



E.G. = 482.35

235+00

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE:
1" = 10' HORIZONTAL
1" = 10' VERTICAL

CROSS SLOPE SHALL MATCH EXISTING

ALL SIDESLOPES SHALL BE CONSTRUCTED TO A 1:3 MAXIMUM GRADE UNLESS SPECIFICALLY NOTED OTHERWISE

NO.	DATE	REVISIONS	BY	CK'D

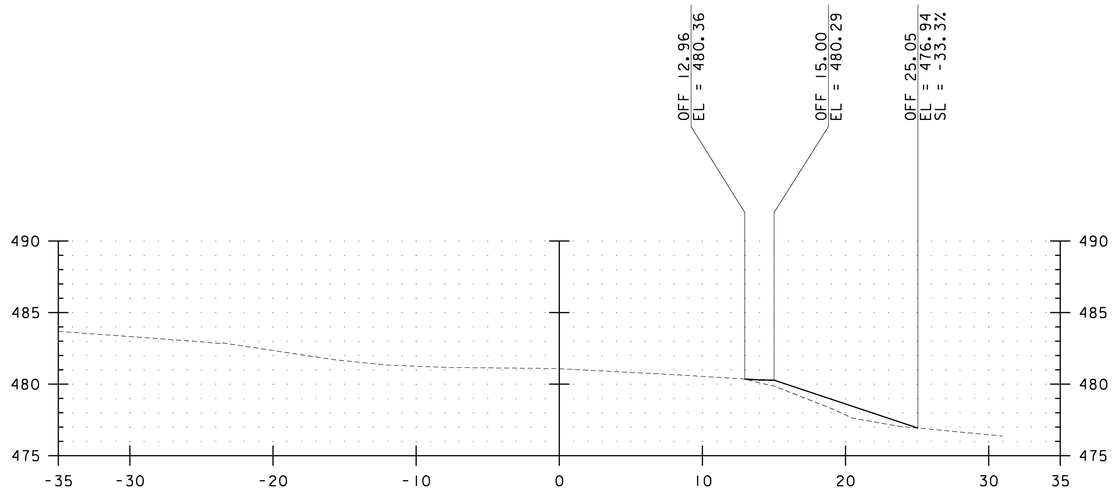
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TEL 802.383.0118 • FAX 802.383.0122 • www.rsginc.com

Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

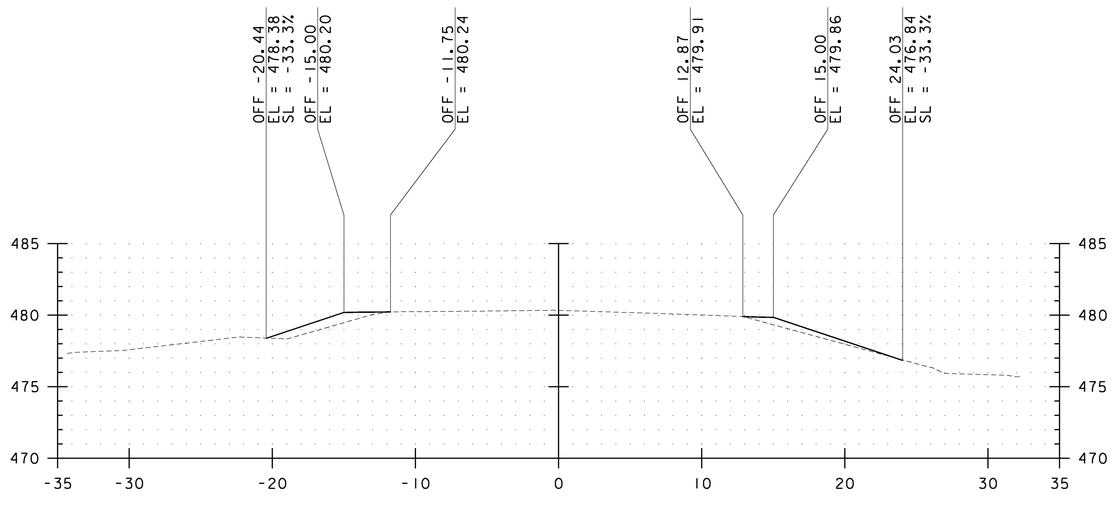
FILE NAME: Z08F122BDR XS.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
CROSS SECTION SHEET 12

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 95 OF 133



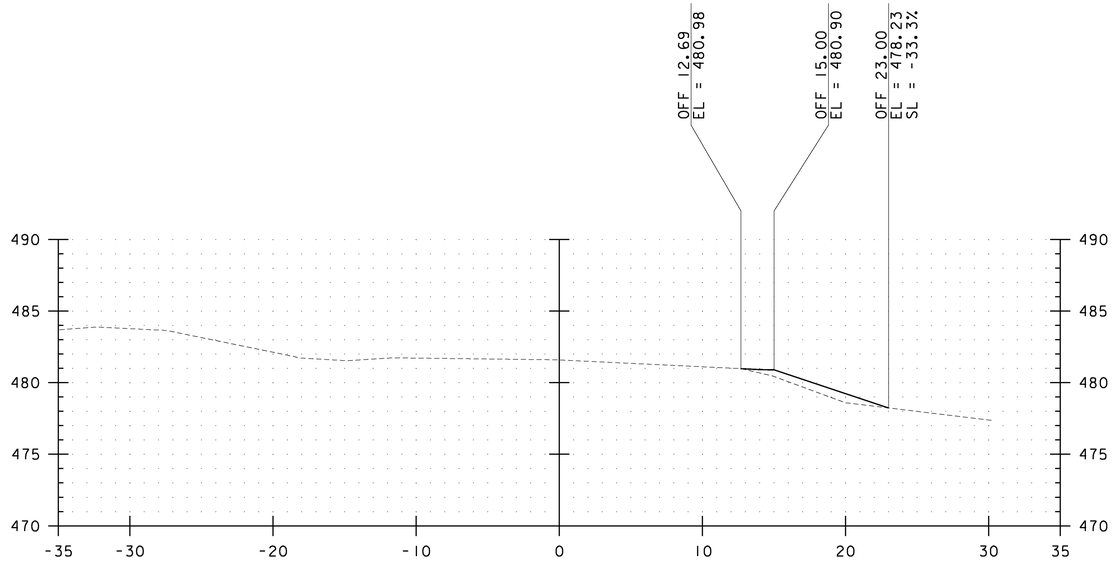
E.G. = 481.08

236+50



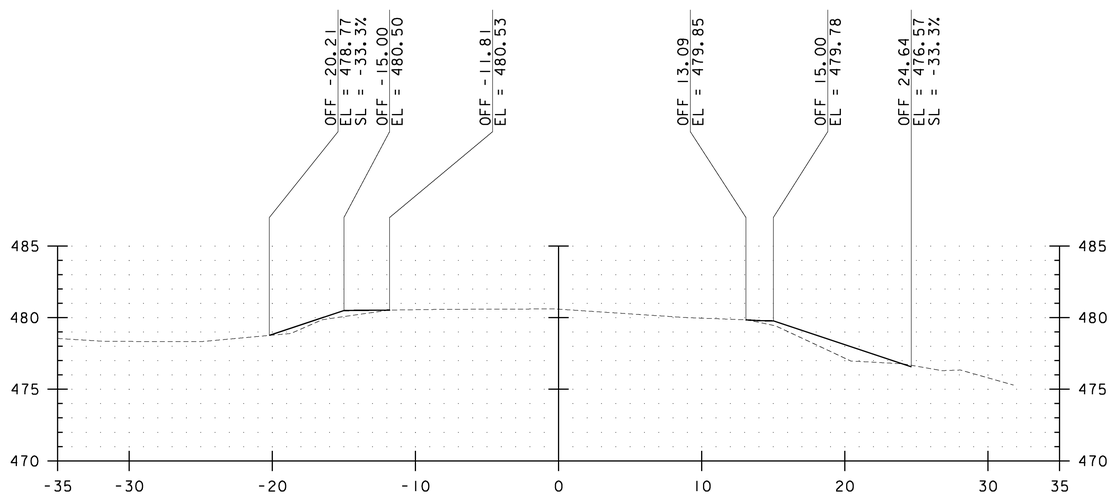
E.G. = 480.33

237+50



E.G. = 481.59

236+00



E.G. = 480.60

237+00

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

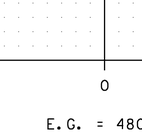
SCALE:
1" = 10' HORIZONTAL
1" = 10' VERTICAL

CROSS SLOPE SHALL MATCH EXISTING

ALL SIDESLOPES SHALL BE CONSTRUCTED TO A 1:3 MAXIMUM GRADE UNLESS SPECIFICALLY NOTED OTHERWISE

NO.	DATE	REVISIONS	BY	CK'D

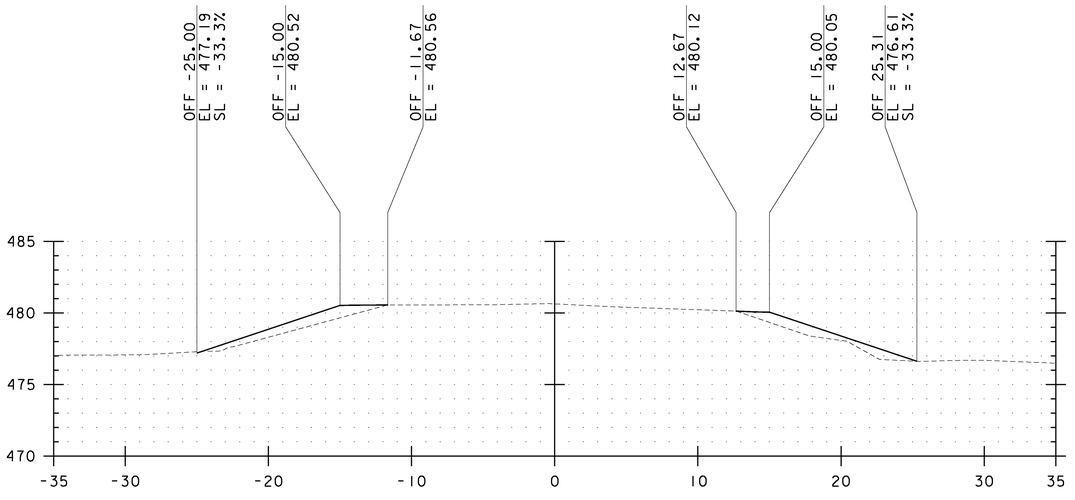
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PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

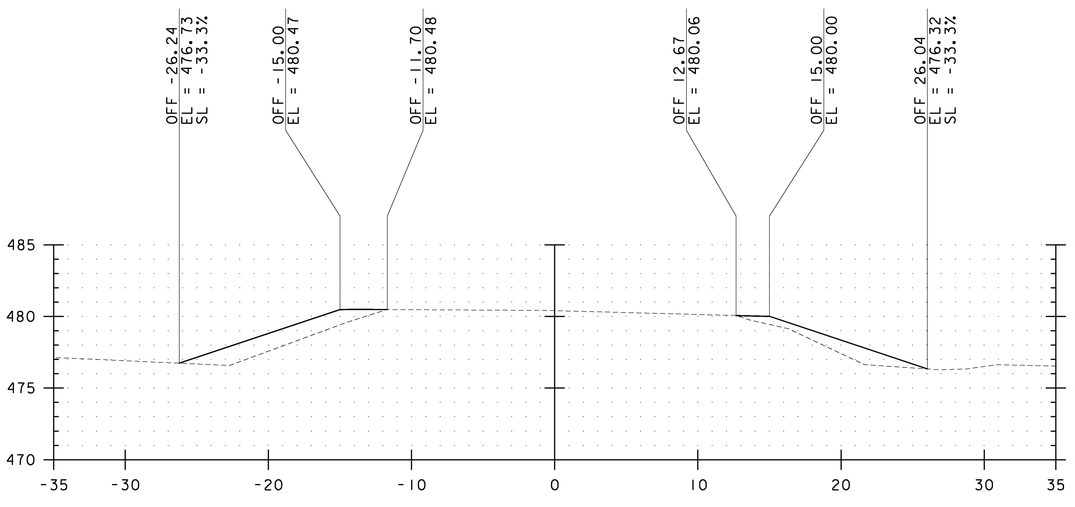
FILE NAME: Z08F122BDR XS.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
CROSS SECTION SHEET 13

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 96 OF 133



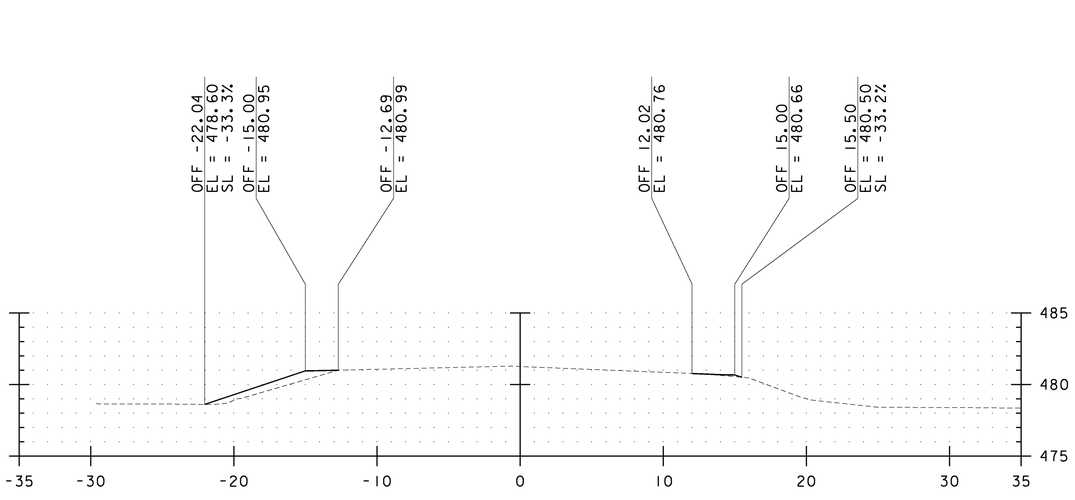
E.G. = 480.63

238+50



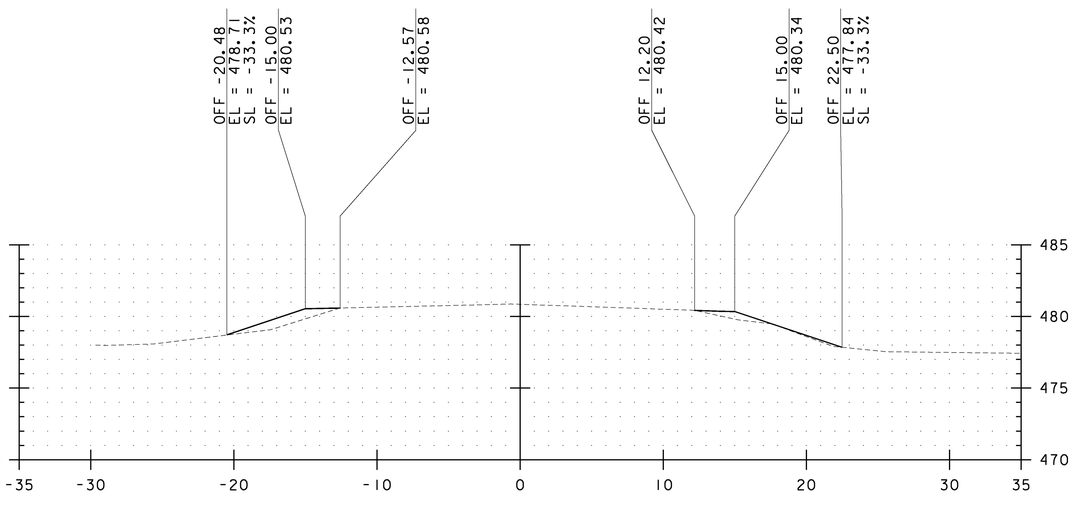
E.G. = 480.40

238+00



E.G. = 481.25

239+50



E.G. = 480.84

239+00

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE:
1" = 10' HORIZONTAL
1" = 10' VERTICAL

CROSS SLOPE SHALL MATCH EXISTING

ALL SIDESLOPES SHALL BE CONSTRUCTED TO A 1:3 MAXIMUM GRADE UNLESS SPECIFICALLY NOTED OTHERWISE

NO.	DATE	REVISIONS	BY	CK'D

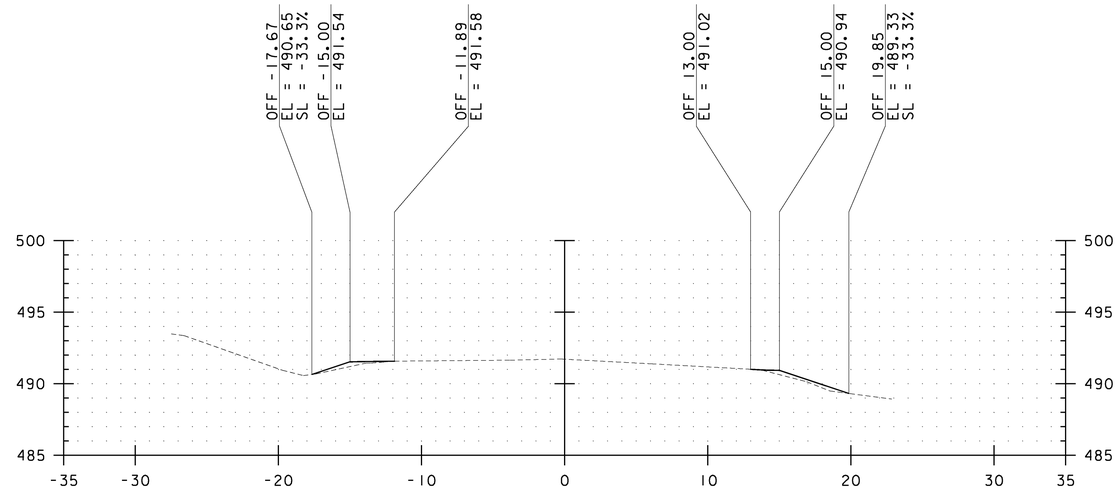
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Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

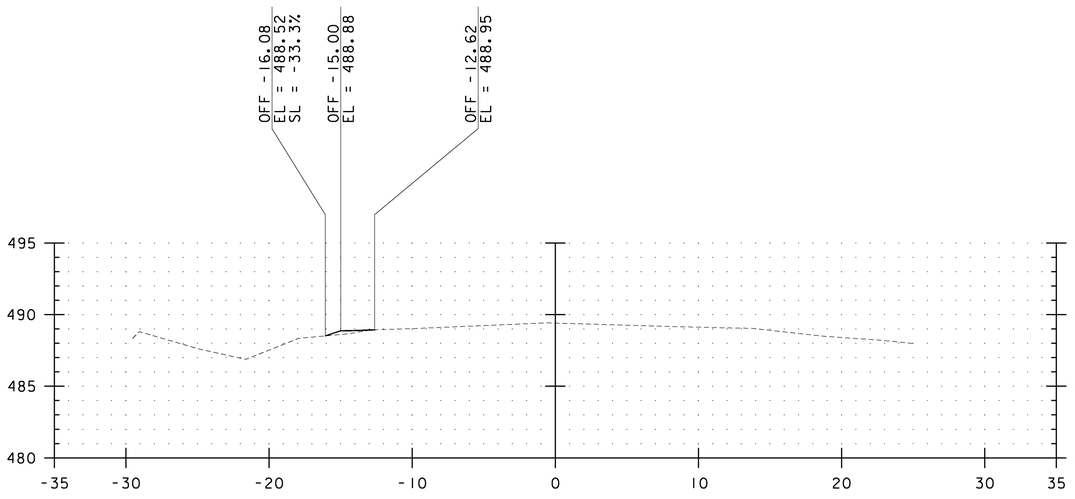
FILE NAME: Z08F122BDR XS.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
CROSS SECTION SHEET 14

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 97 OF 133



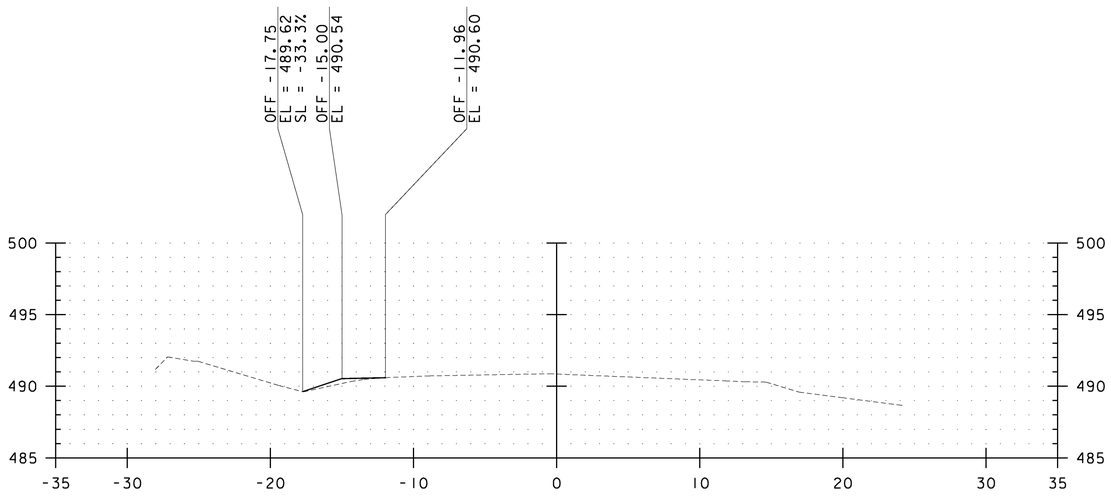
E.G. = 491.72

243+50



E.G. = 489.41

242+50



E.G. = 490.85

243+00

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE:
1" = 10' HORIZONTAL
1" = 10' VERTICAL

CROSS SLOPE SHALL MATCH EXISTING

ALL SIDESLOPES SHALL BE CONSTRUCTED TO A 1:3 MAXIMUM GRADE UNLESS SPECIFICALLY NOTED OTHERWISE

NO.	DATE	REVISIONS	BY	CK'D

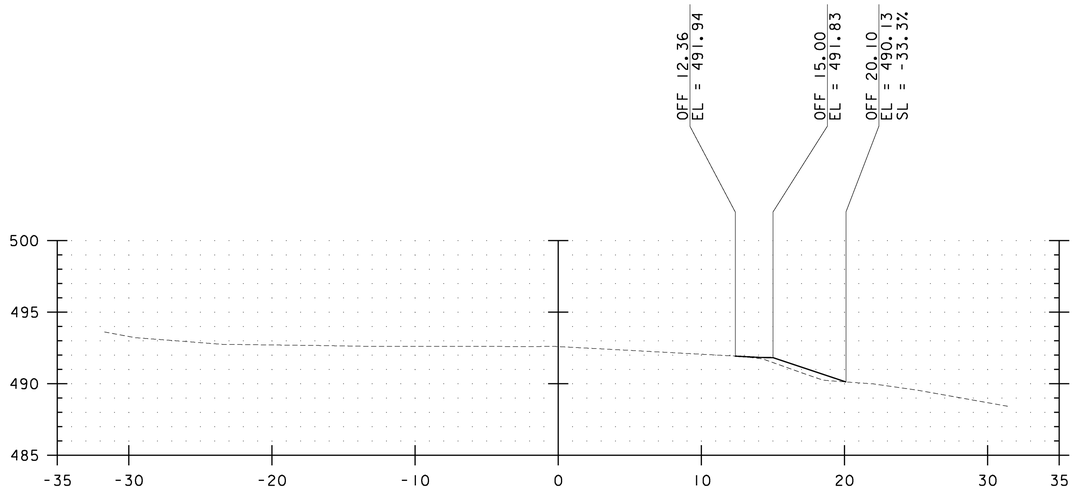
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PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

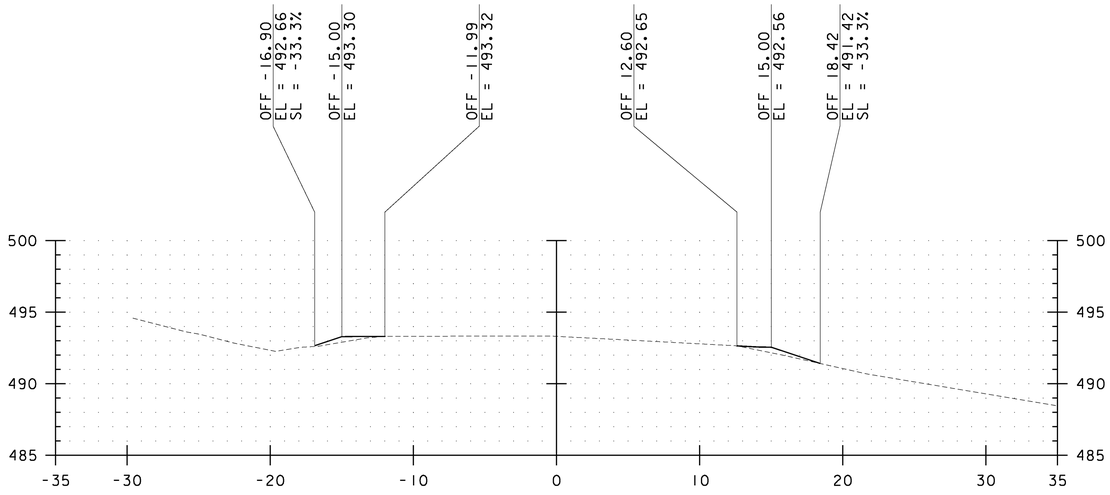
FILE NAME: Z08F122BDR XS.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
CROSS SECTION SHEET 15

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 98 OF 133



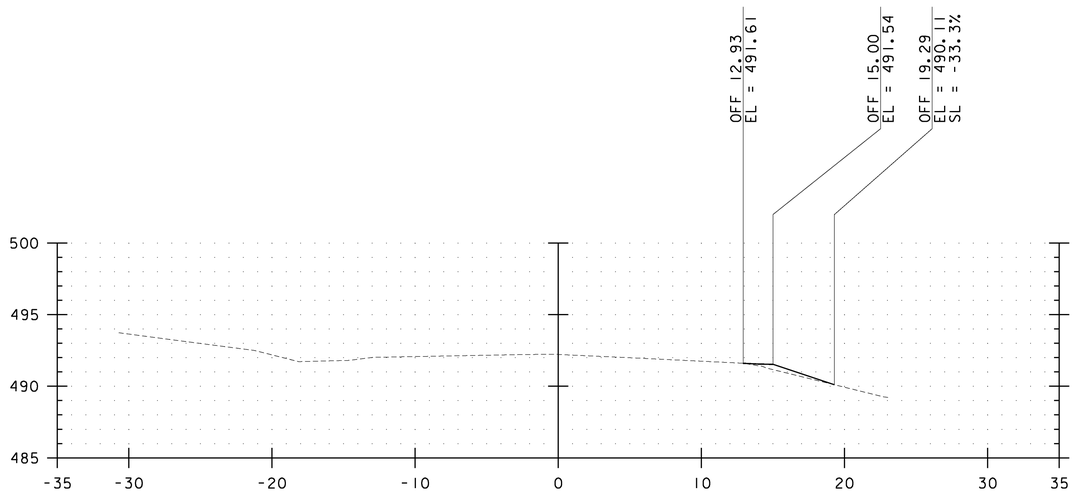
E.G. = 492.60

244+50



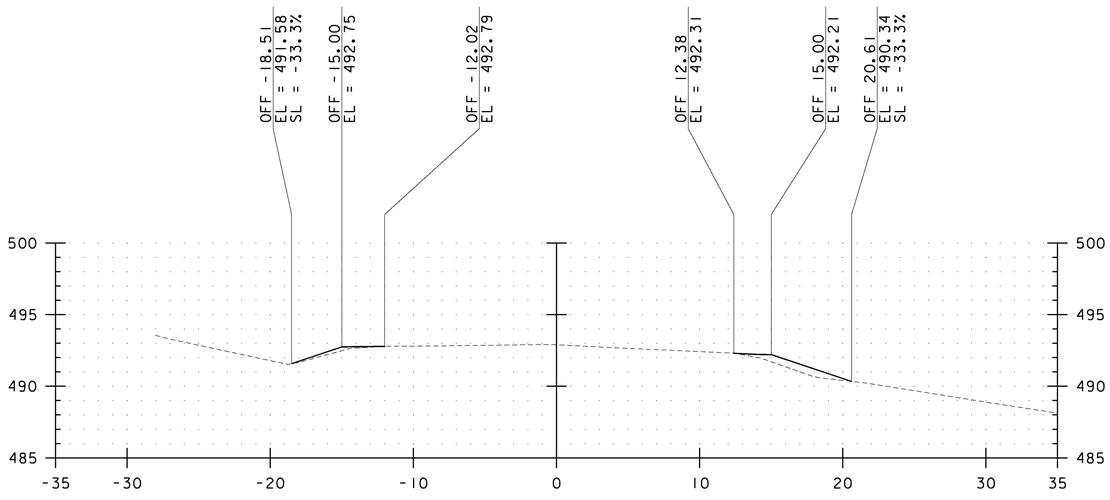
E.G. = 493.31

245+50



E.G. = 492.22

244+00



E.G. = 492.90

245+00

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE:
1" = 10' HORIZONTAL
1" = 10' VERTICAL

CROSS SLOPE SHALL MATCH EXISTING

ALL SIDESLOPES SHALL BE CONSTRUCTED TO A 1:3 MAXIMUM GRADE UNLESS SPECIFICALLY NOTED OTHERWISE

NO.	DATE	REVISIONS	BY	CK'D

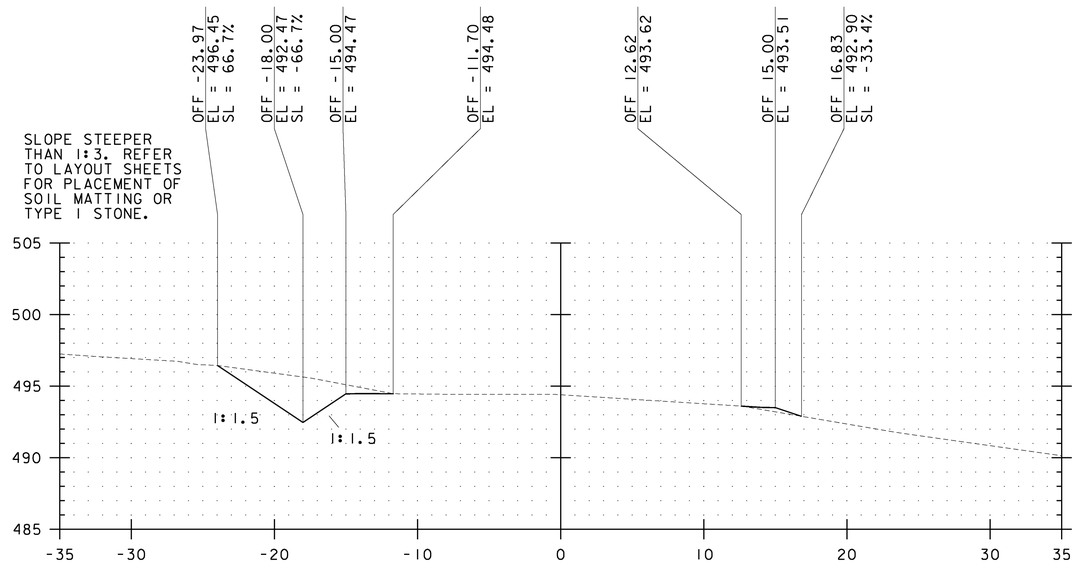
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Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

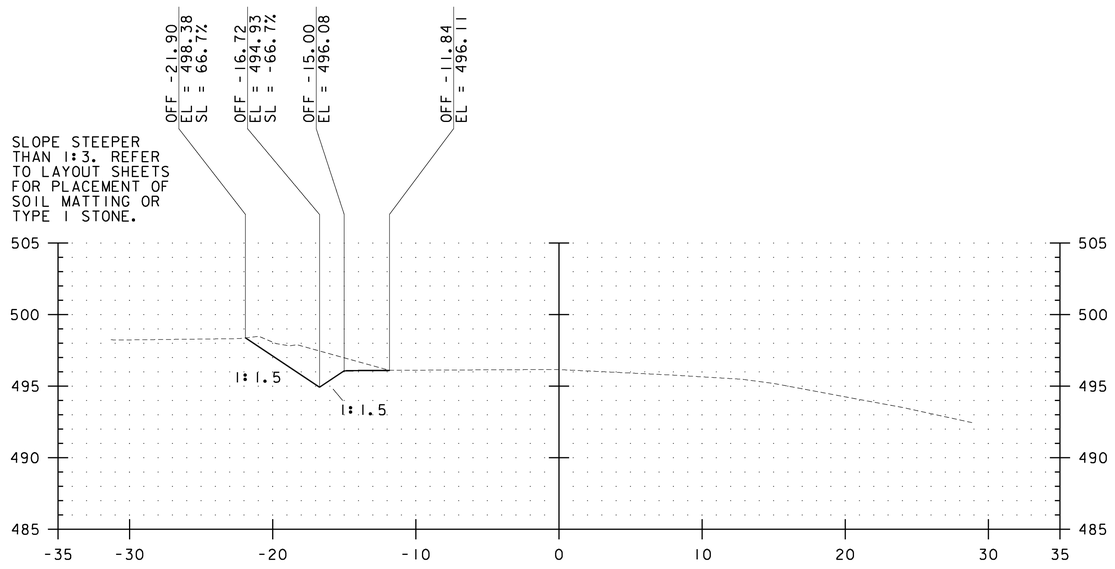
FILE NAME: Z08F122BDR XS.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
CROSS SECTION SHEET 16

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 99 OF 133



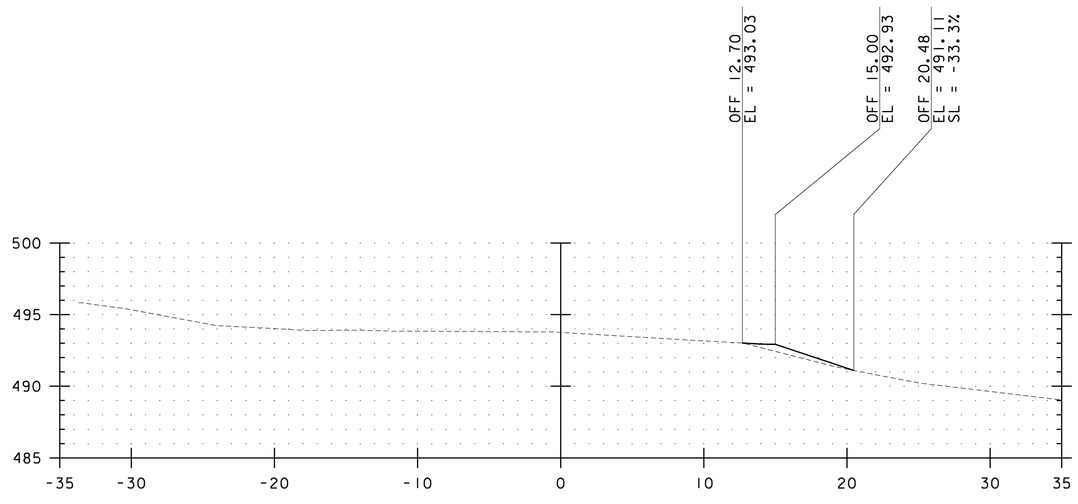
E.G. = 494.40

246+50



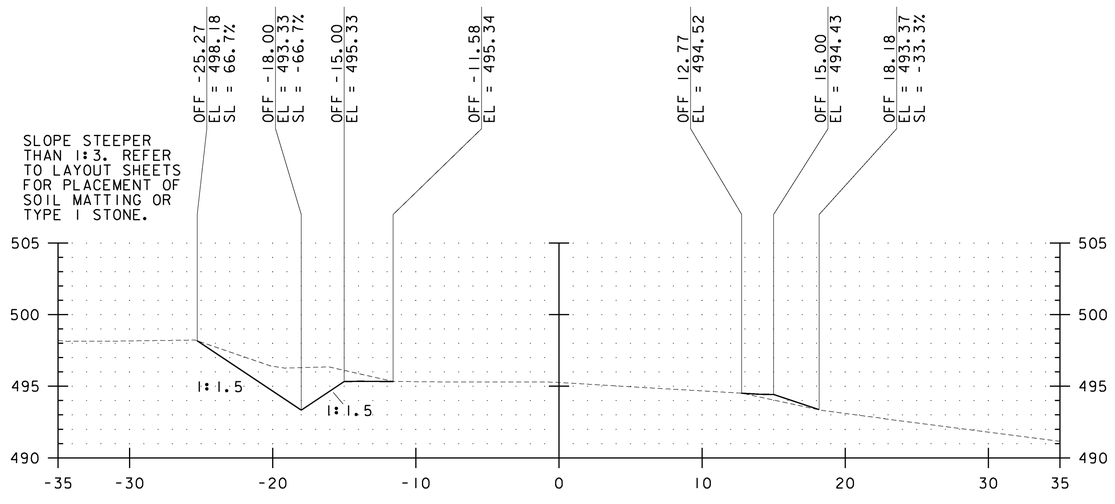
E.G. = 496.16

247+50



E.G. = 493.77

246+00



E.G. = 495.27

247+00

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE:
1" = 10' HORIZONTAL
1" = 10' VERTICAL

CROSS SLOPE SHALL MATCH EXISTING

ALL SIDESLOPES SHALL BE CONSTRUCTED TO A 1:3 MAXIMUM GRADE UNLESS SPECIFICALLY NOTED OTHERWISE

NO.	DATE	REVISIONS	BY	CK'D

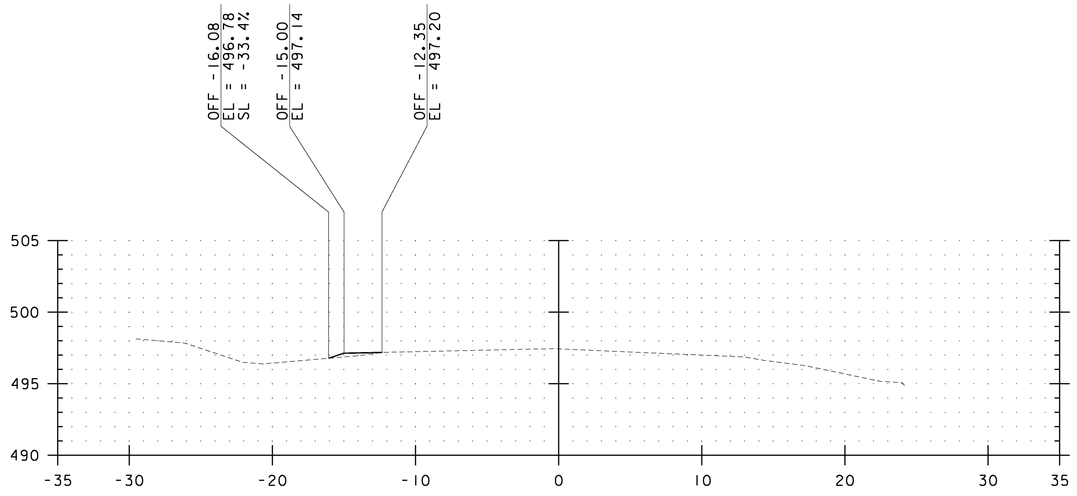
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Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

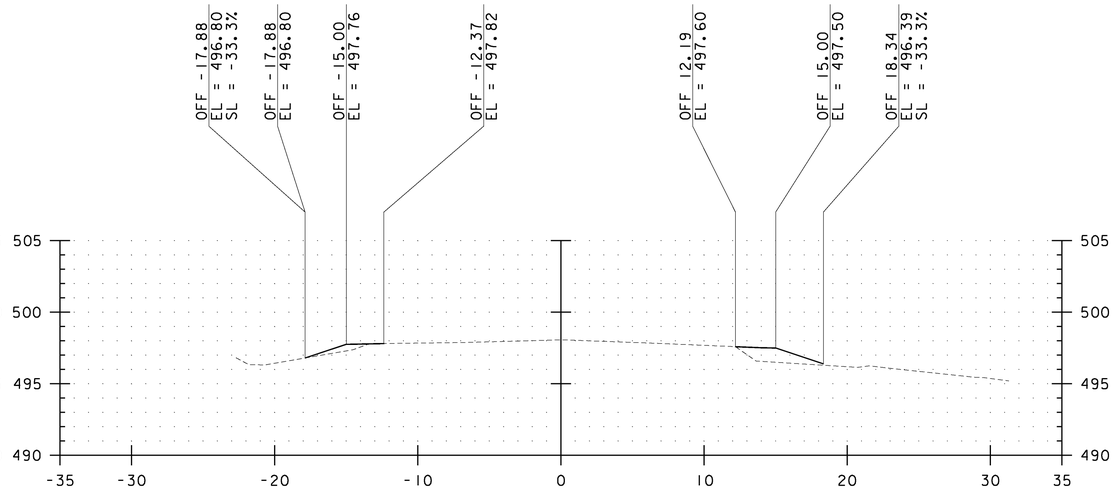
FILE NAME: Z08F122BDR XS.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
CROSS SECTION SHEET 17

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 100 OF 133



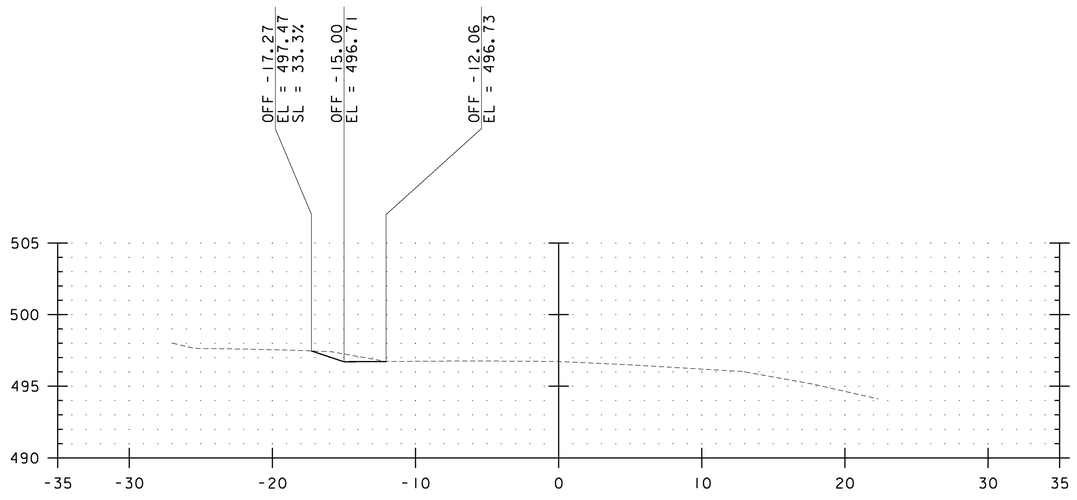
E.G. = 497.44

249+50



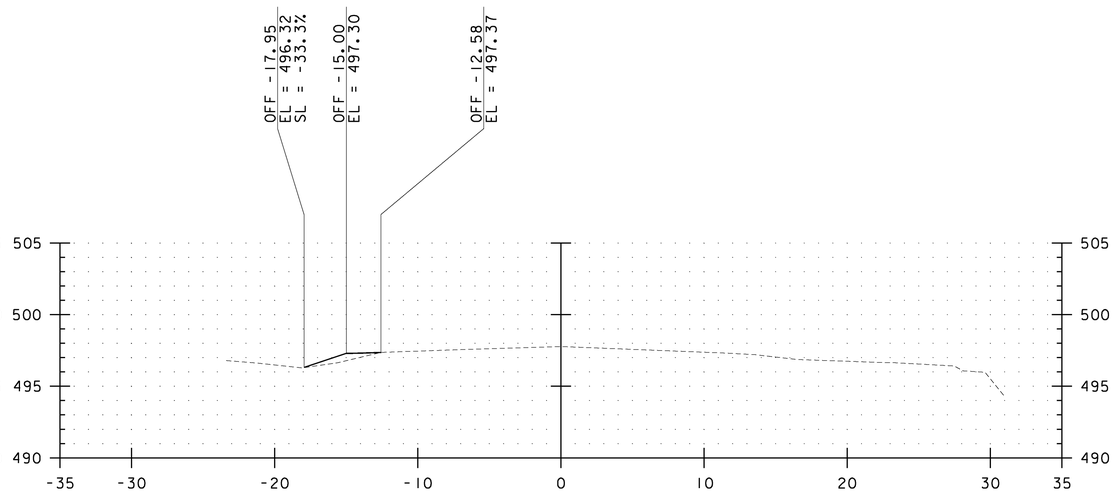
E.G. = 498.07

250+50



E.G. = 496.73

248+00



E.G. = 497.78

250+00

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE:
1" = 10' HORIZONTAL
1" = 10' VERTICAL

CROSS SLOPE SHALL MATCH EXISTING

ALL SIDESLOPES SHALL BE CONSTRUCTED TO A 1:3 MAXIMUM GRADE UNLESS SPECIFICALLY NOTED OTHERWISE

NO.	DATE	REVISIONS	BY	CK'D

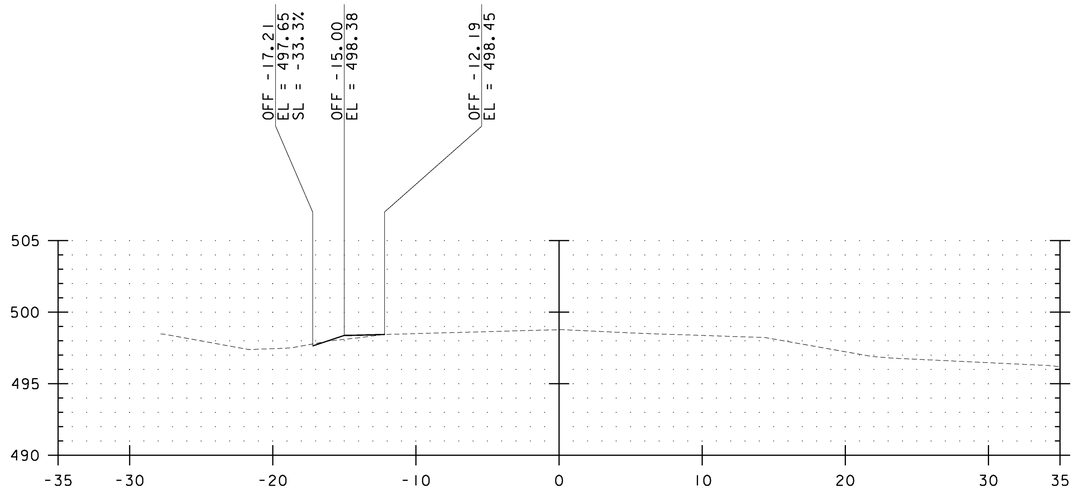
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Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

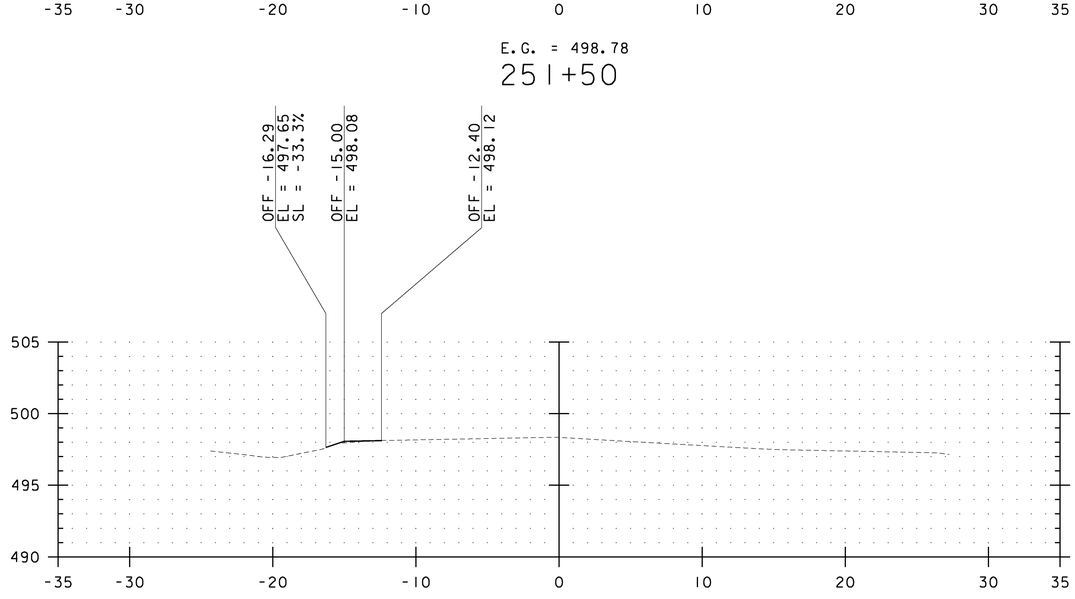
FILE NAME: Z08F122BDR XS.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
CROSS SECTION SHEET 18

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 101 OF 133



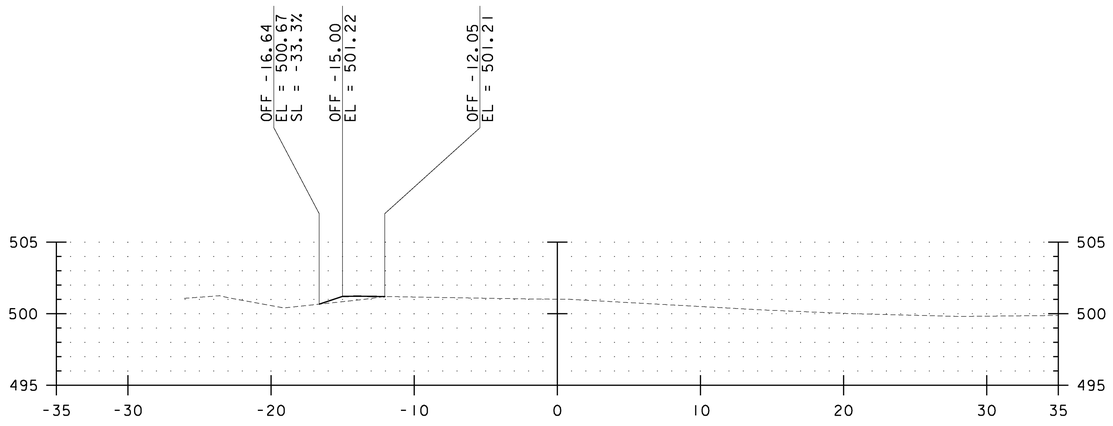
E.G. = 498.78

251+50



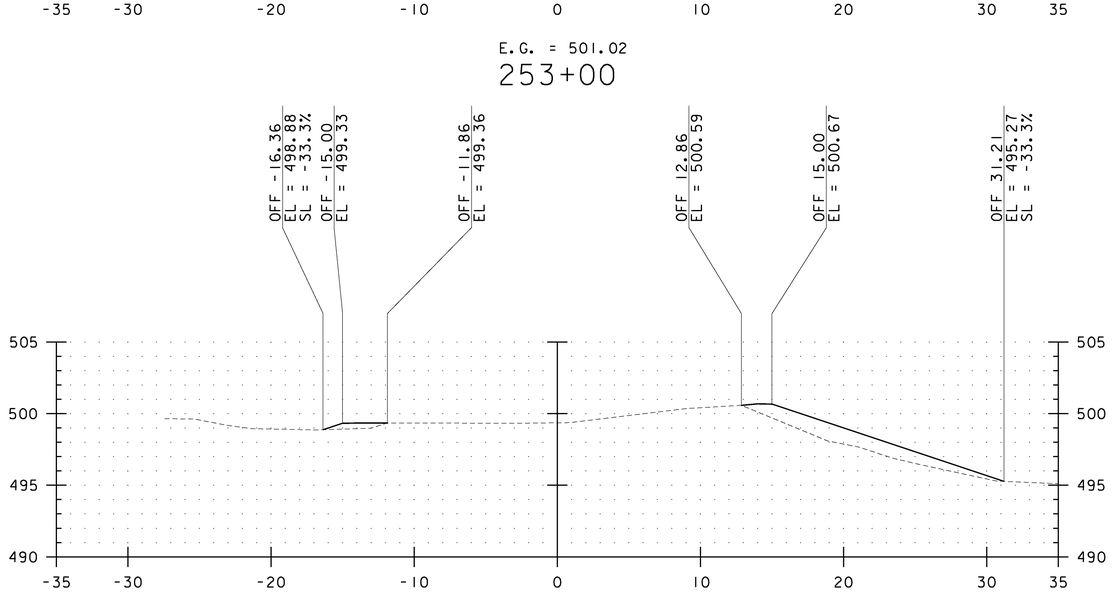
E.G. = 498.35

251+00



E.G. = 501.02

253+00



E.G. = 499.37

252+00

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE:
1" = 10' HORIZONTAL
1" = 10' VERTICAL

CROSS SLOPE SHALL MATCH EXISTING

ALL SIDESLOPES SHALL BE CONSTRUCTED TO A 1:3 MAXIMUM GRADE UNLESS SPECIFICALLY NOTED OTHERWISE

NO.	DATE	REVISIONS	BY	CK'D

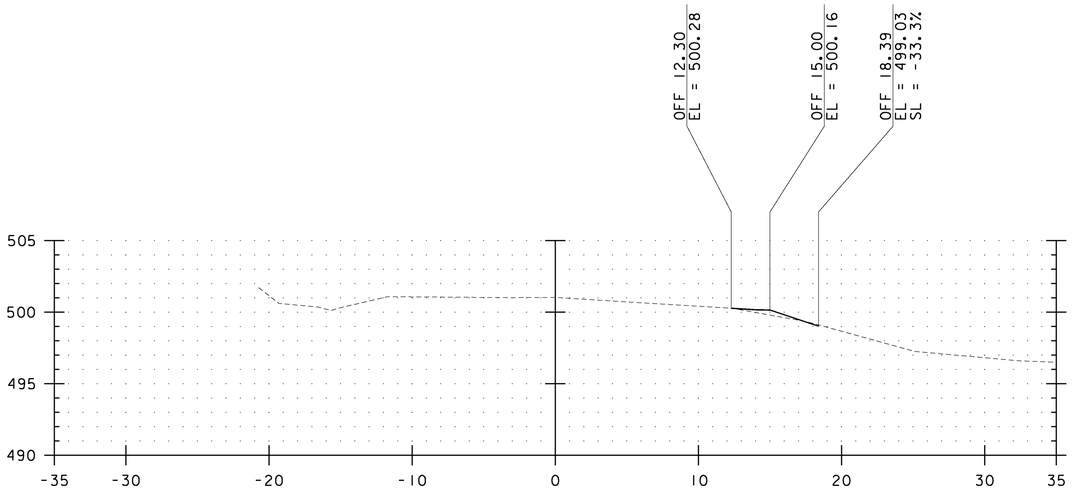
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Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

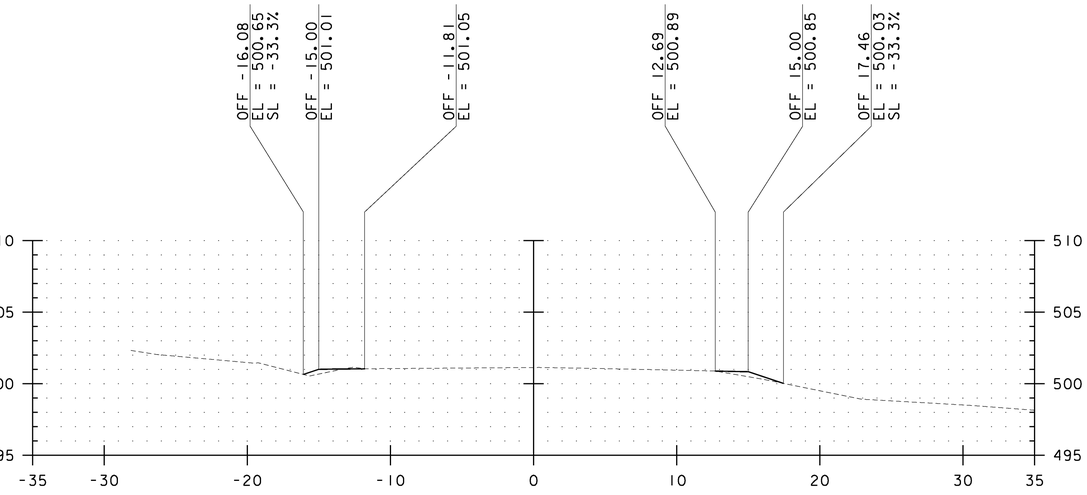
FILE NAME: Z08F122BDR XS.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
CROSS SECTION SHEET 19

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 102 OF 133



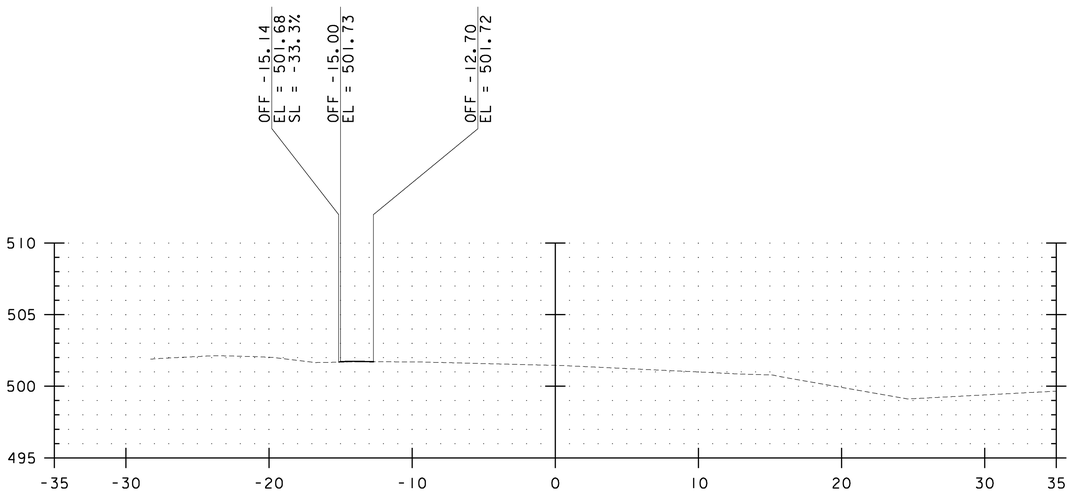
E.G. = 501.03

255+00



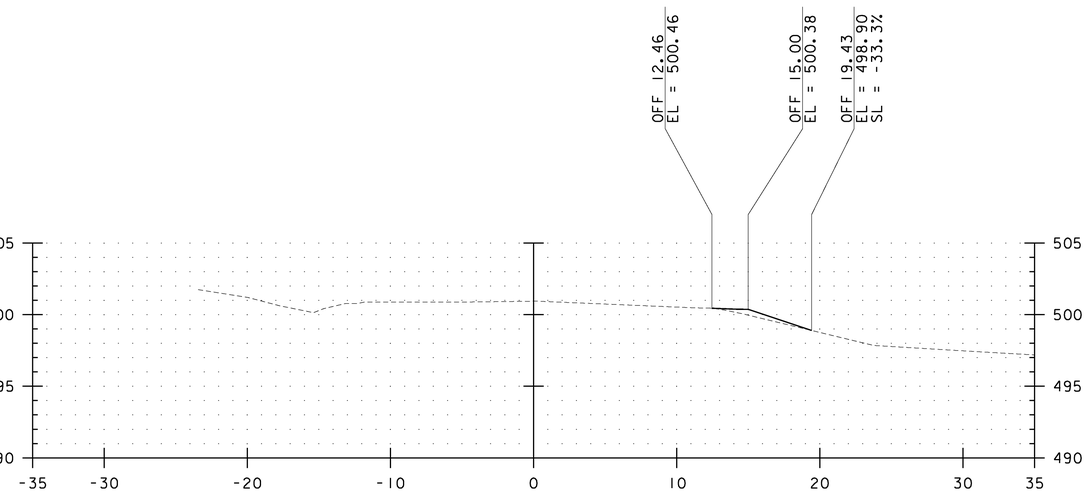
E.G. = 501.14

256+00



E.G. = 501.46

253+50



E.G. = 500.94

255+50

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE:
1" = 10' HORIZONTAL
1" = 10' VERTICAL

CROSS SLOPE SHALL MATCH EXISTING

ALL SIDESLOPES SHALL BE CONSTRUCTED TO A 1:3 MAXIMUM GRADE UNLESS SPECIFICALLY NOTED OTHERWISE

NO.	DATE	REVISIONS	BY	CK'D

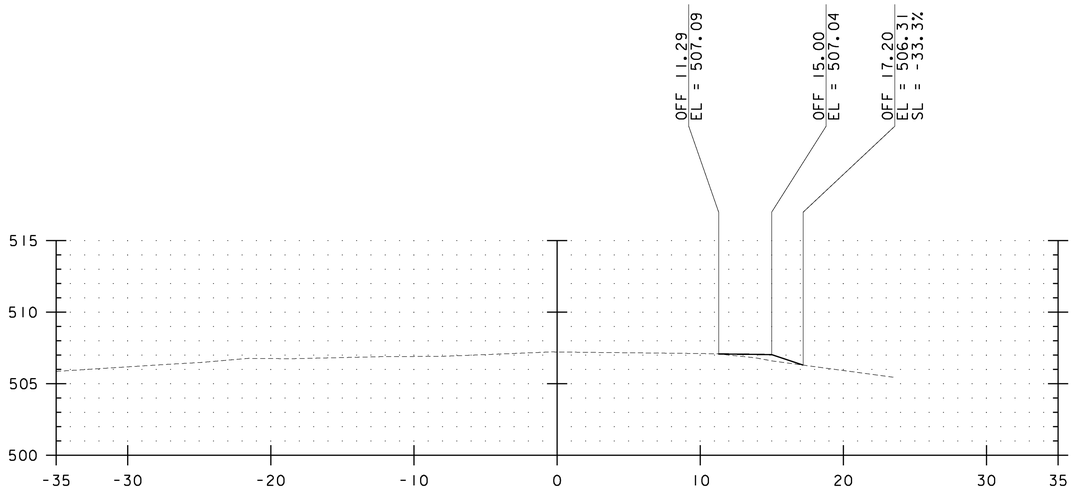
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TEL 802.383.0118 • FAX 802.383.0122 • www.rsginc.com

Cornwall, Vermont

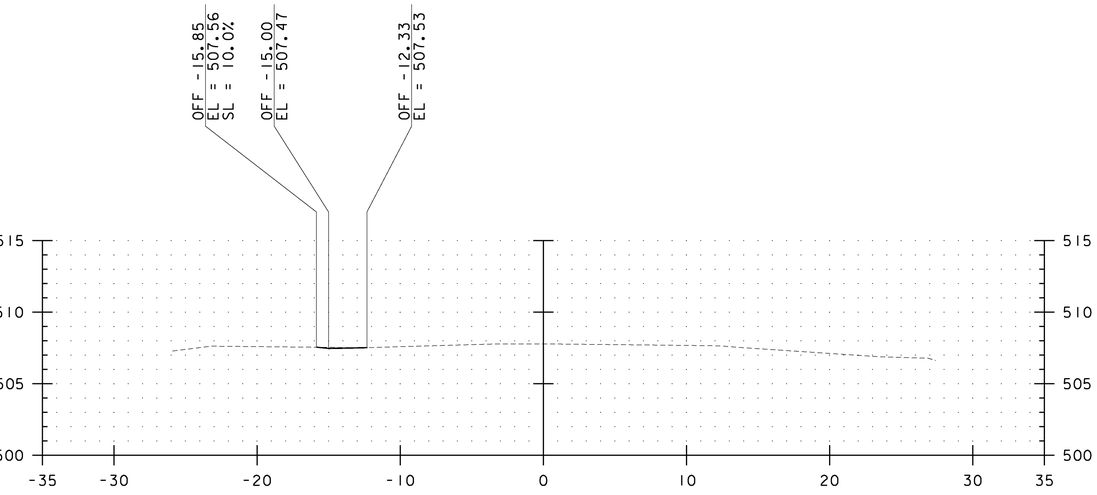
PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

FILE NAME: Z08F122BDR XS.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
CROSS SECTION SHEET 20

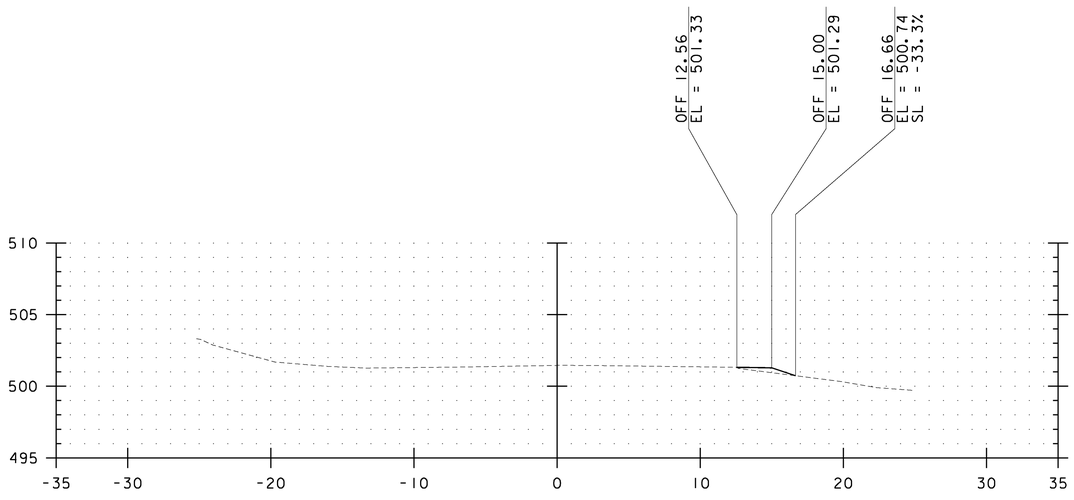
PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 103 OF 133



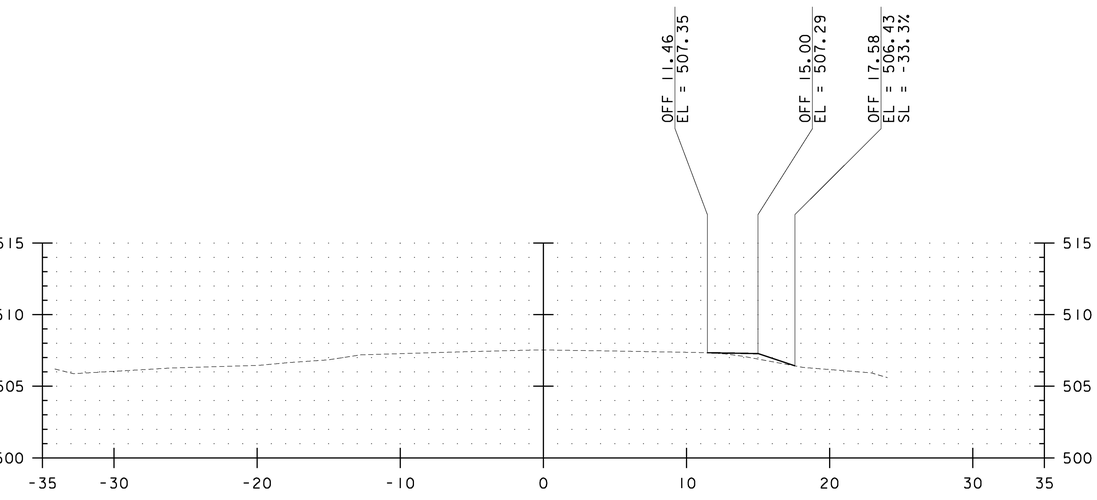
E.G. = 507.22
260+00



E.G. = 507.79
261+00



E.G. = 501.46
256+50



E.G. = 507.54
260+50

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE:
1" = 10' HORIZONTAL
1" = 10' VERTICAL

CROSS SLOPE SHALL MATCH EXISTING

ALL SIDESLOPES SHALL BE CONSTRUCTED TO A 1:3 MAXIMUM GRADE UNLESS SPECIFICALLY NOTED OTHERWISE

NO.	DATE	REVISIONS	BY	CK'D

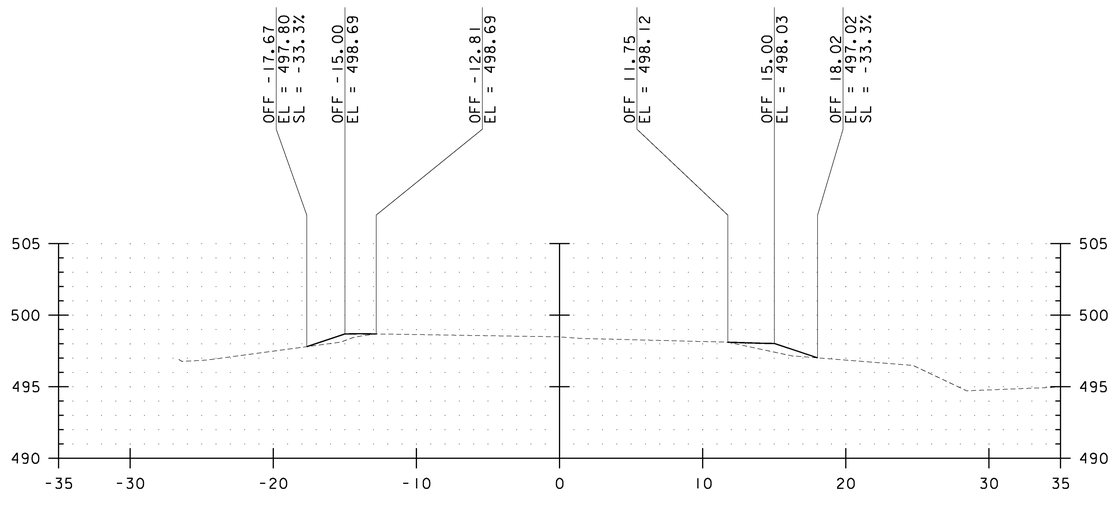
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RESOURCE SYSTEMS GROUP, INC.
60 Lake Street, Unit 1E • Burlington, Vermont 05401
TEL 802.383.0118 • FAX 802.383.0122 • www.rsginc.com

Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

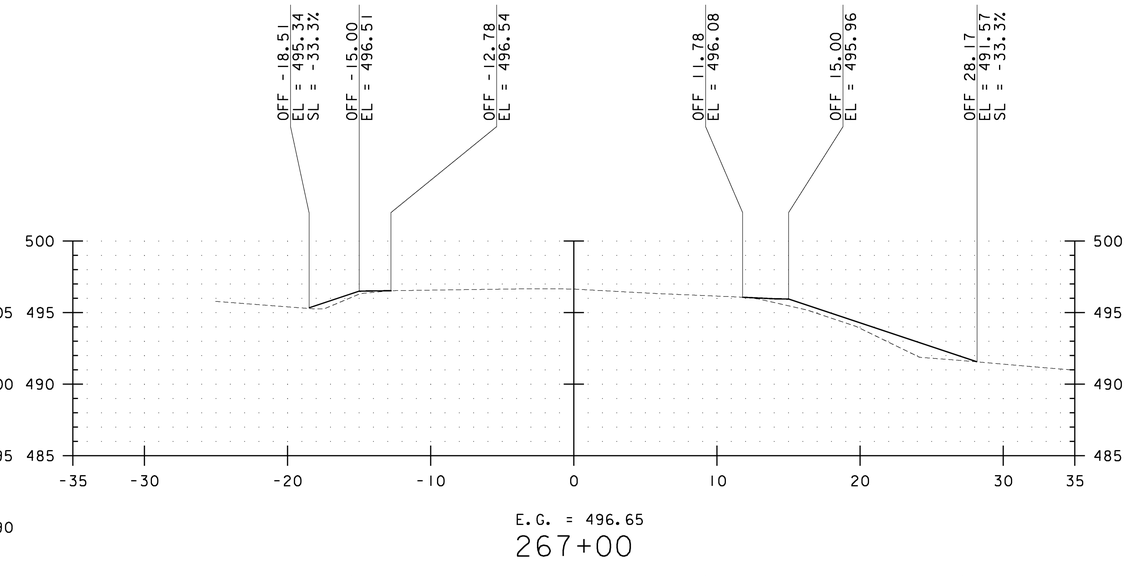
FILE NAME: Z08F122BDR XS.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
CROSS SECTION SHEET 21

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 104 OF 133



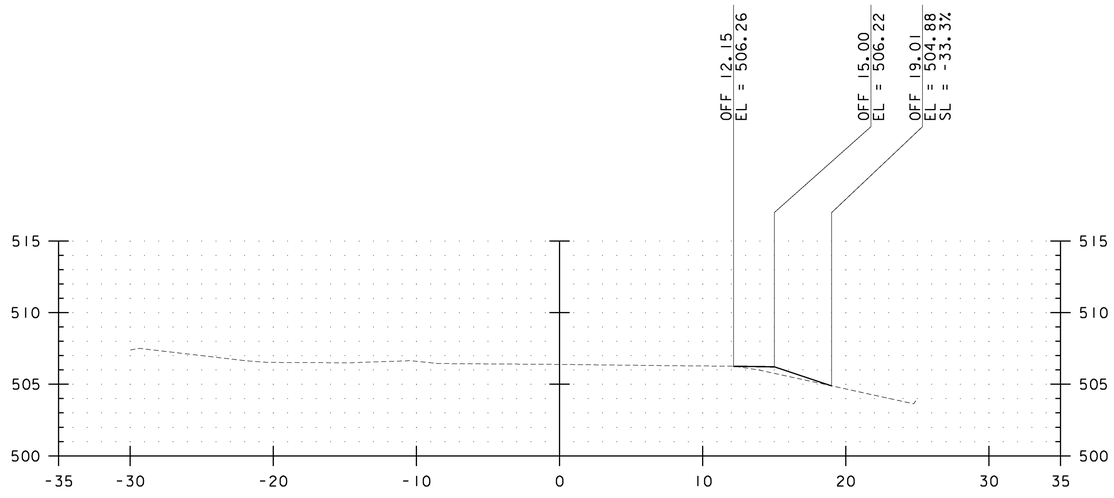
E.G. = 498.49

266+00



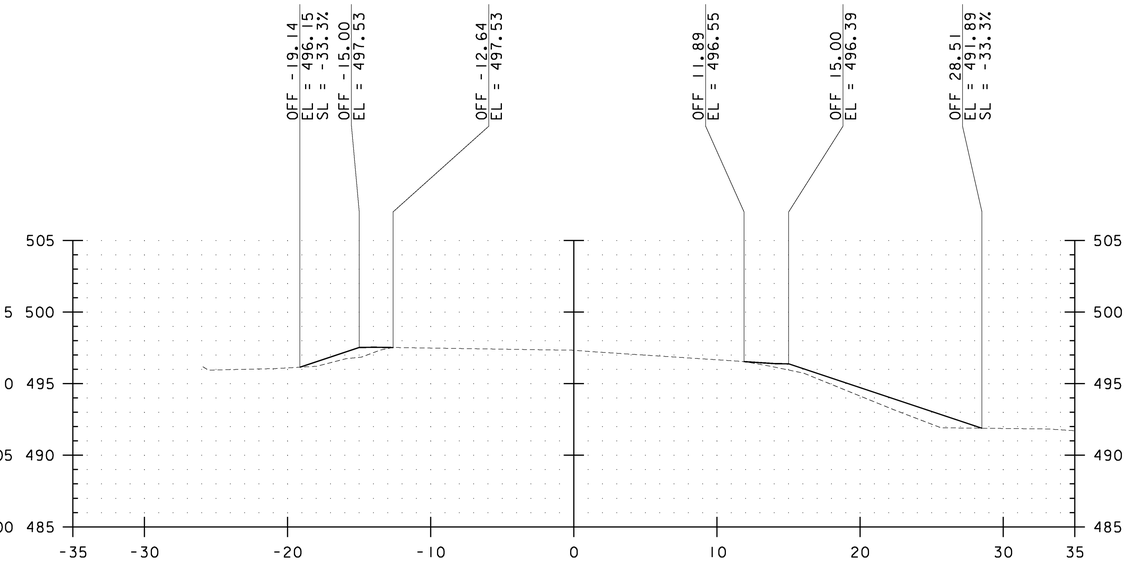
E.G. = 496.65

267+00



E.G. = 506.39

263+50



E.G. = 497.33

266+50

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE:
1" = 10' HORIZONTAL
1" = 10' VERTICAL

CROSS SLOPE SHALL MATCH EXISTING

ALL SIDESLOPES SHALL BE CONSTRUCTED TO A 1:3 MAXIMUM GRADE UNLESS SPECIFICALLY NOTED OTHERWISE

NO.	DATE	REVISIONS	BY	CK'D

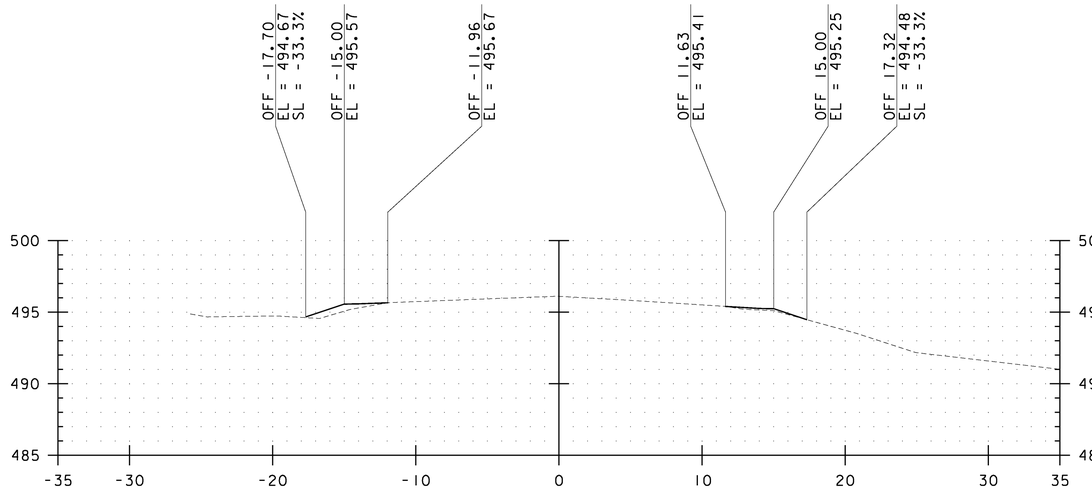
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Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

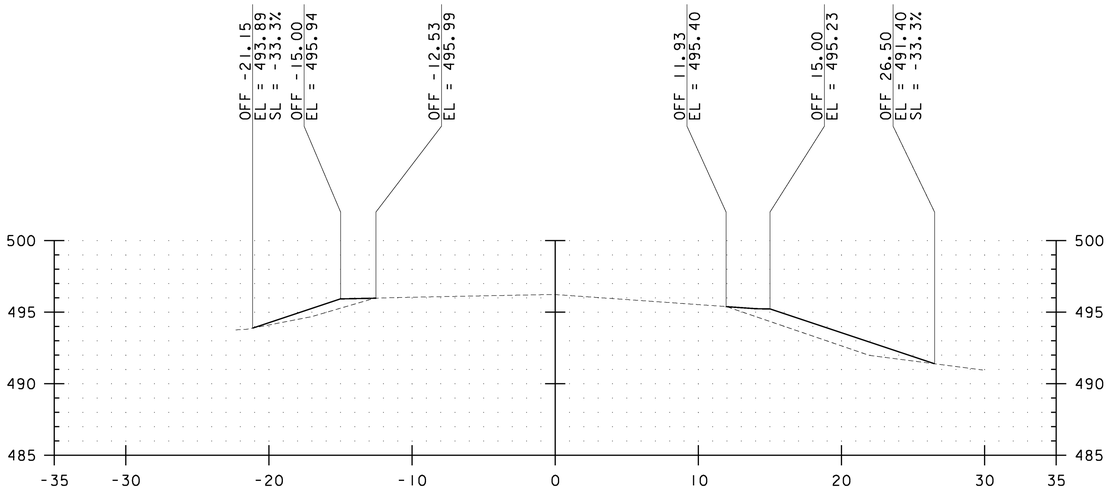
FILE NAME: Z08F122BDR XS.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
CROSS SECTION SHEET 22

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 105 OF 133



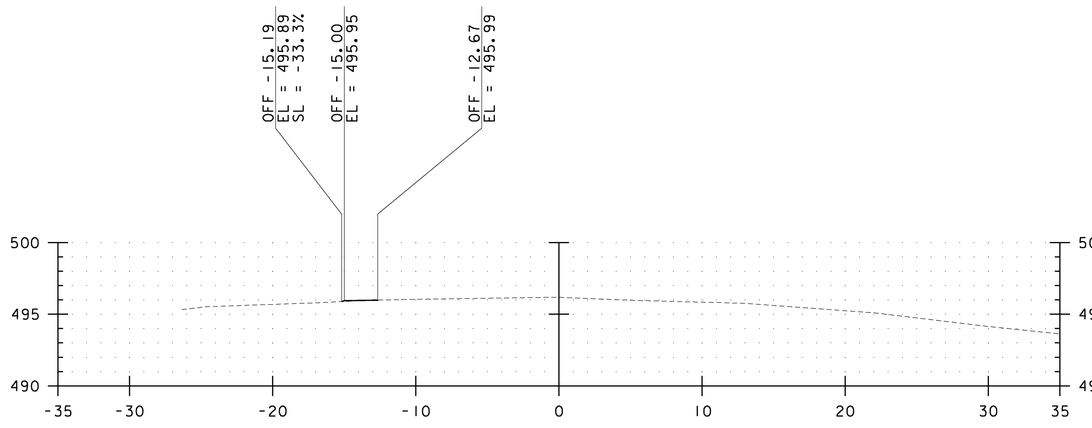
E.G. = 496.11

268+00



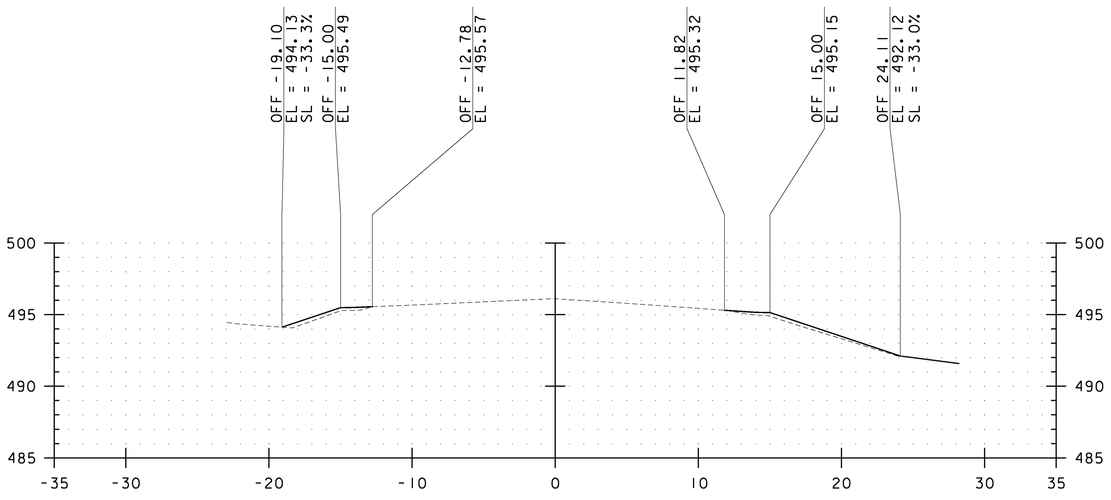
E.G. = 496.24

269+00



E.G. = 496.18

267+50



E.G. = 496.11

268+50

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE:
1" = 10' HORIZONTAL
1" = 10' VERTICAL

CROSS SLOPE SHALL MATCH EXISTING

ALL SIDESLOPES SHALL BE CONSTRUCTED TO A 1:3 MAXIMUM GRADE UNLESS SPECIFICALLY NOTED OTHERWISE

NO.	DATE	REVISIONS	BY	CK'D

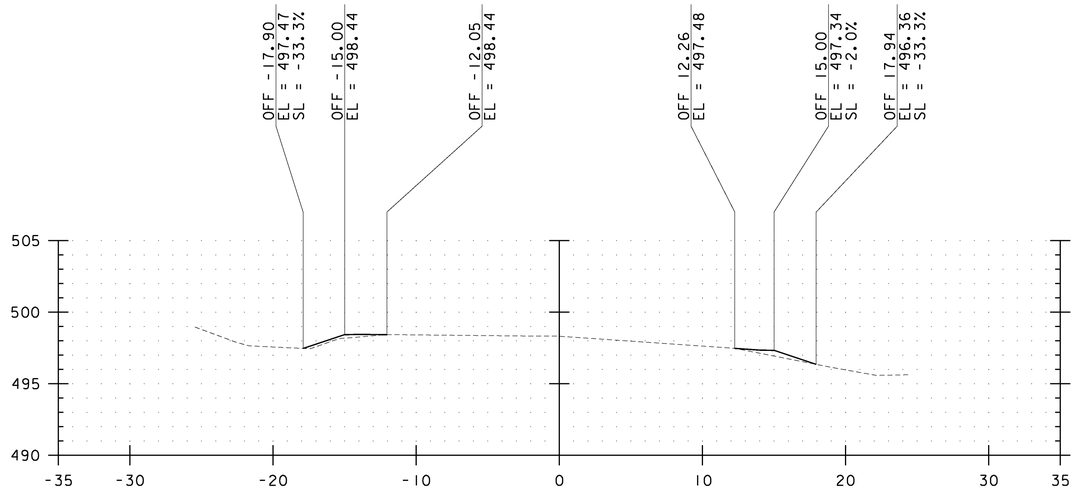
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Cornwall, Vermont
1961

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

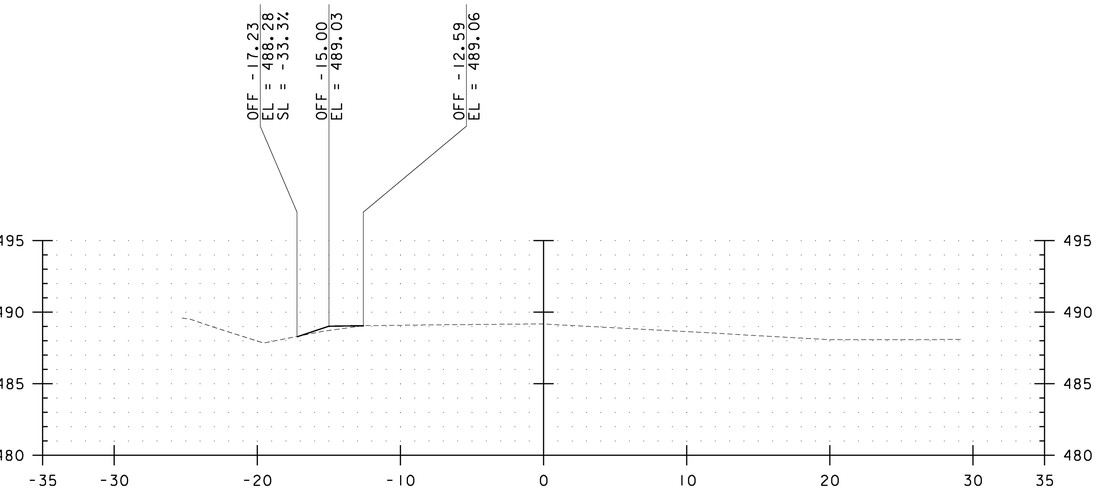
FILE NAME: Z08F122BDR XS.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
CROSS SECTION SHEET 23

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 106 OF 133



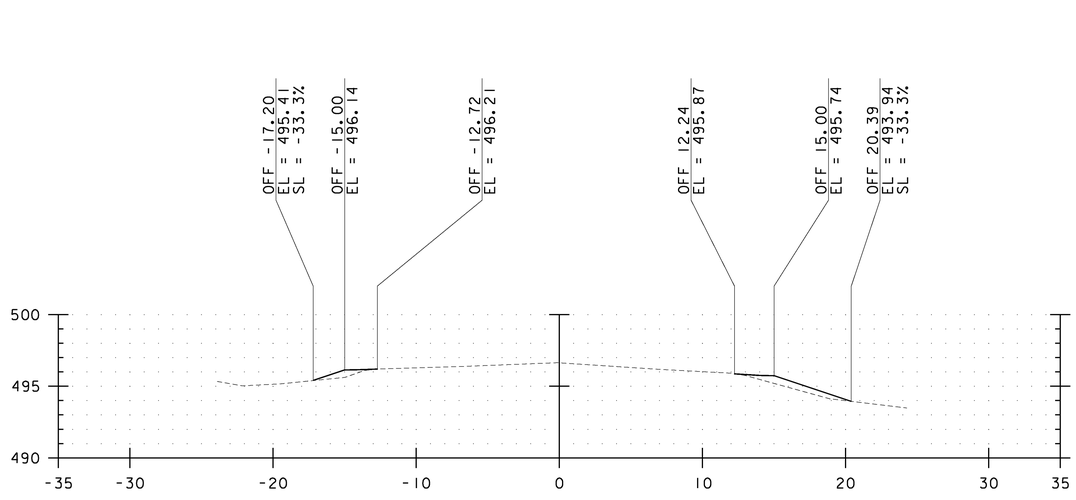
E.G. = 498.32

270+50



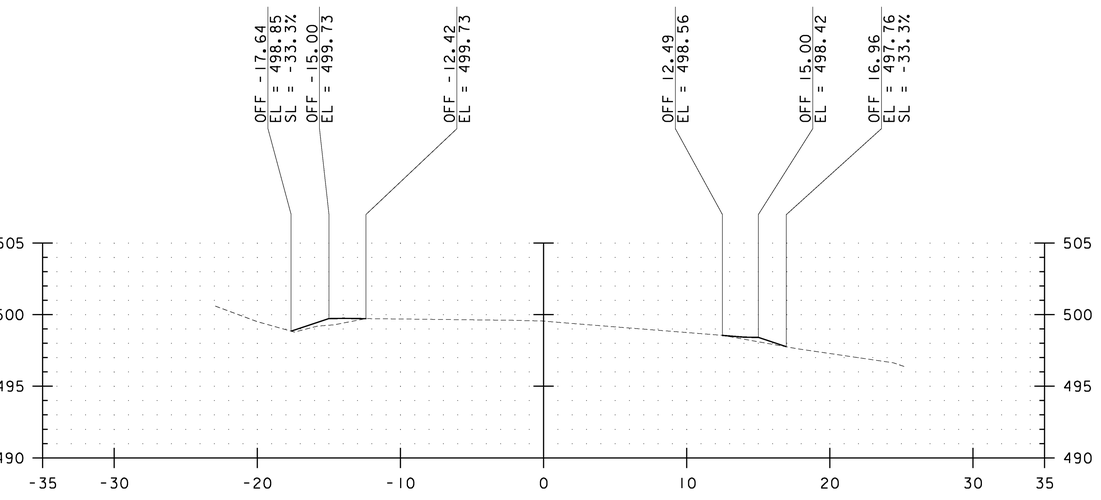
E.G. = 489.18

276+50



E.G. = 496.64

269+50



E.G. = 499.55

271+00

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE:
1" = 10' HORIZONTAL
1" = 10' VERTICAL

CROSS SLOPE SHALL MATCH EXISTING

ALL SIDESLOPES SHALL BE CONSTRUCTED TO A 1:3 MAXIMUM GRADE UNLESS SPECIFICALLY NOTED OTHERWISE

NO.	DATE	REVISIONS	BY	CK'D

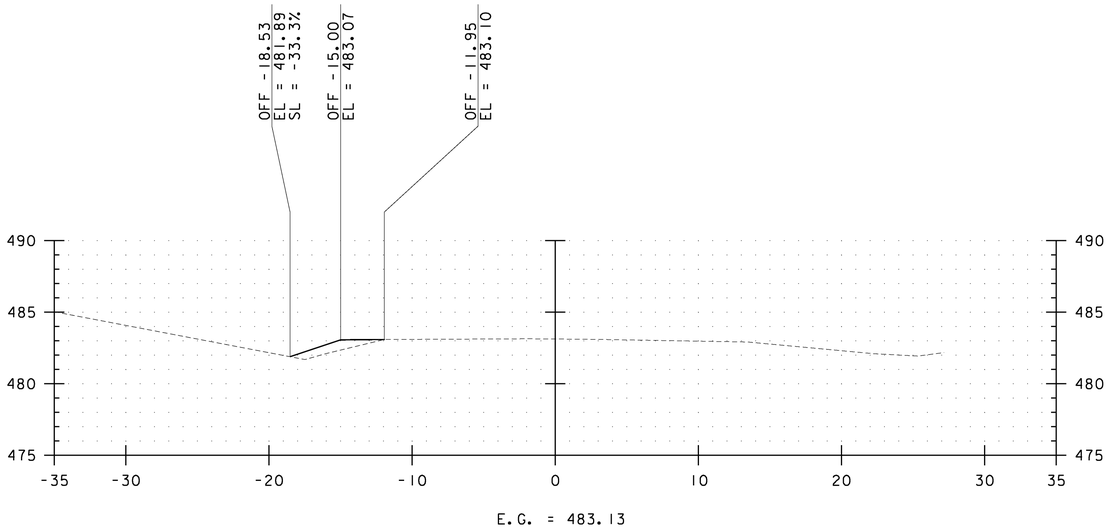
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Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

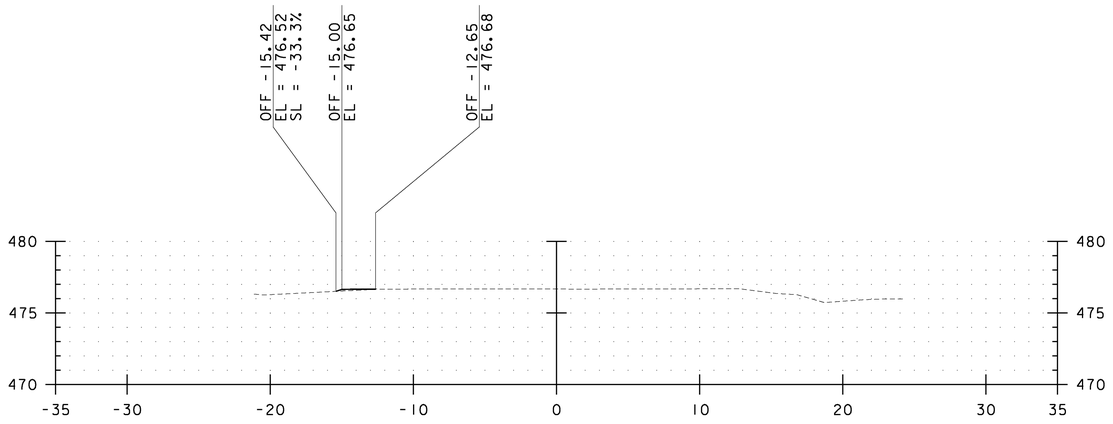
FILE NAME: Z08F122BDR XS.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
CROSS SECTION SHEET 24

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 107 OF 133



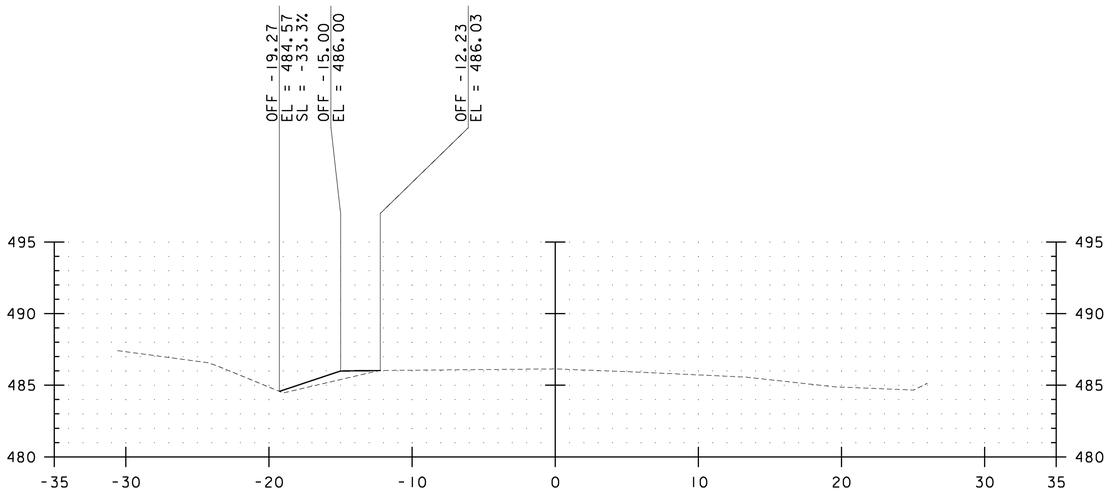
E.G. = 483.13

277+50



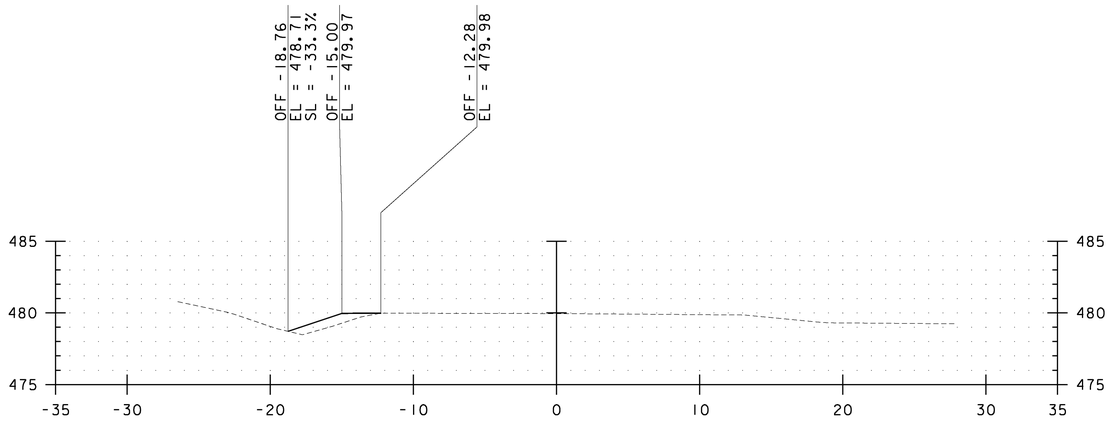
E.G. = 476.68

278+50



E.G. = 486.14

277+00



E.G. = 479.96

278+00

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE:
1" = 10' HORIZONTAL
1" = 10' VERTICAL

CROSS SLOPE SHALL MATCH EXISTING

ALL SIDESLOPES SHALL BE CONSTRUCTED TO A 1:3 MAXIMUM GRADE UNLESS SPECIFICALLY NOTED OTHERWISE

NO.	DATE	REVISIONS	BY	CK'D

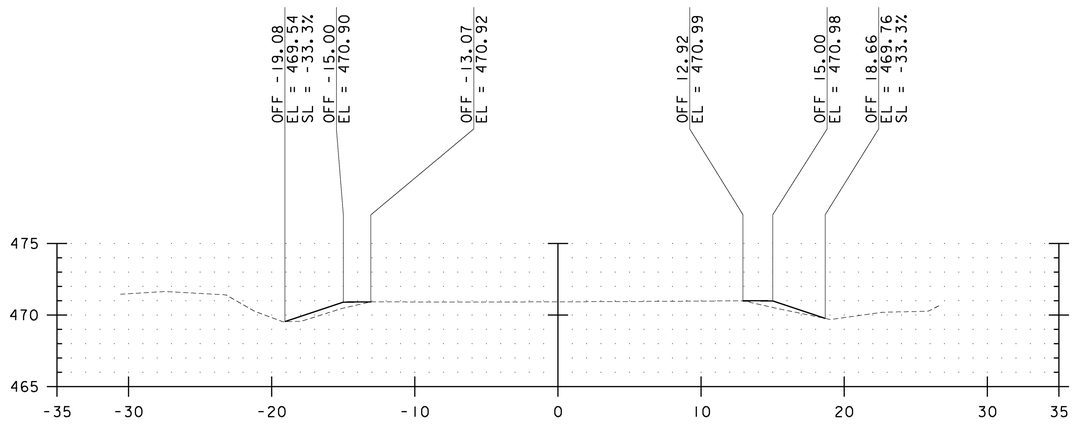
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Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

FILE NAME: Z08F122BDR XS.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
CROSS SECTION SHEET 25

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 108 OF 133

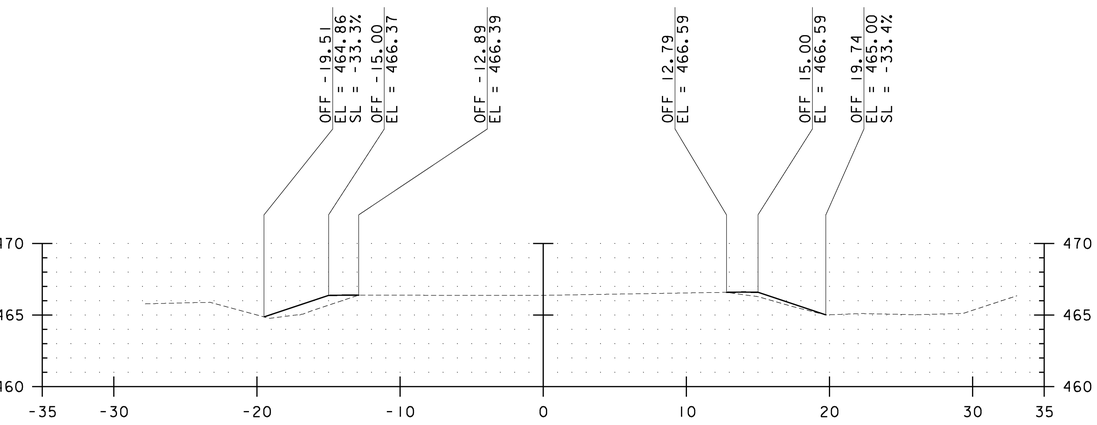


E.G. = 470.92

279+50

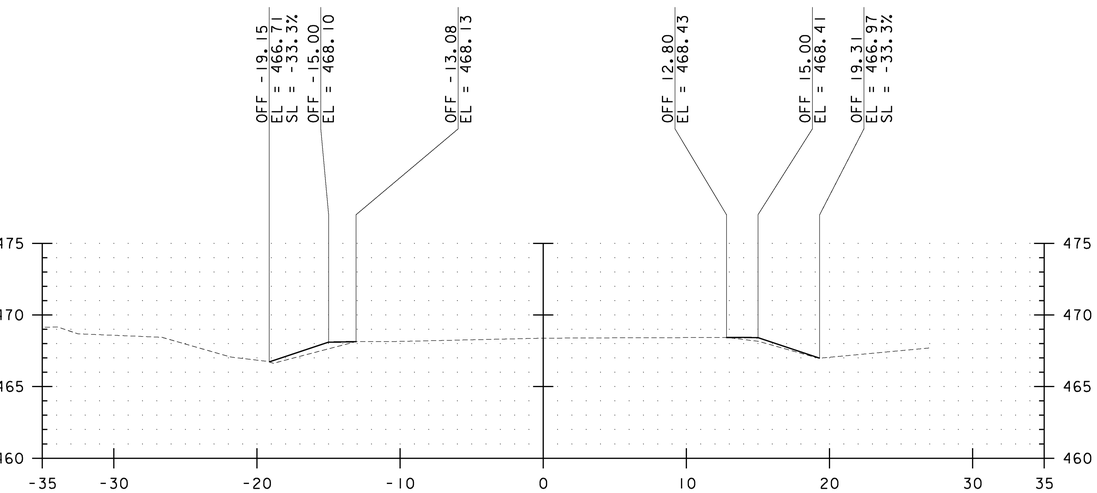
E.G. = 473.61

279+00



E.G. = 466.37

280+50



E.G. = 468.37

280+00

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE:
1" = 10' HORIZONTAL
1" = 10' VERTICAL

CROSS SLOPE SHALL MATCH EXISTING

ALL SIDESLOPES SHALL BE CONSTRUCTED TO A 1:3 MAXIMUM GRADE UNLESS SPECIFICALLY NOTED OTHERWISE

NO.	DATE	REVISIONS	BY	CK'D

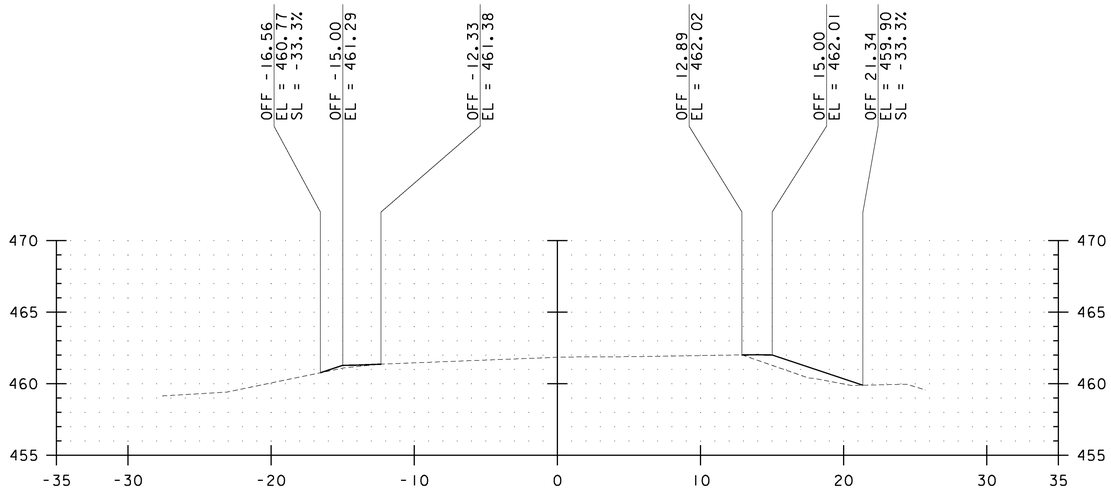
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Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

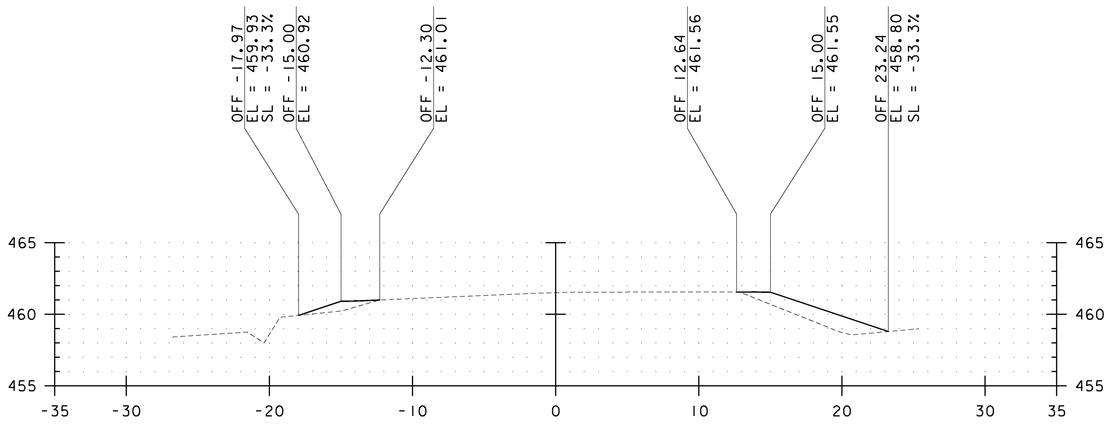
FILE NAME: Z08F122BDR XS.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
CROSS SECTION SHEET 26

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS



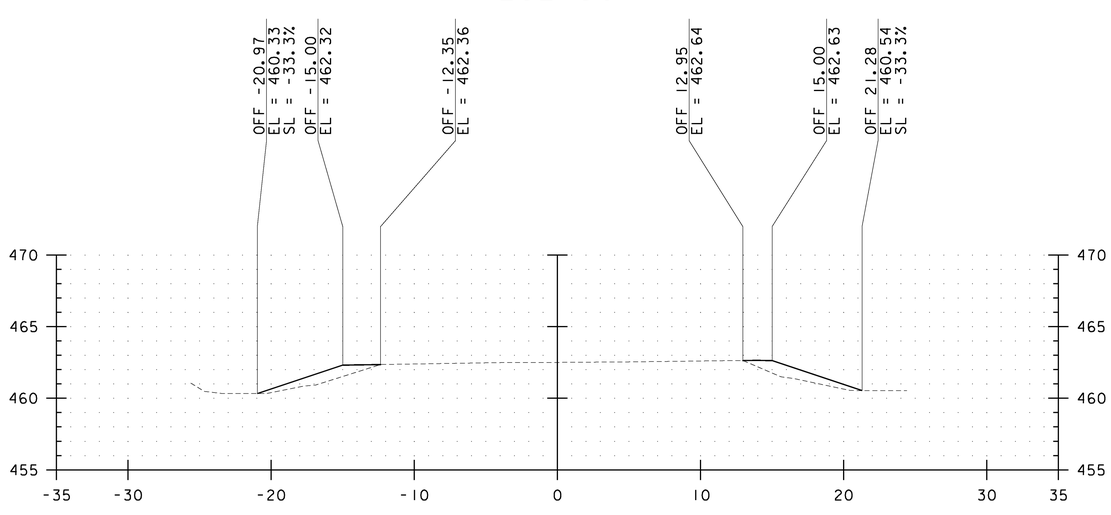
E.G. = 461.85

282+50



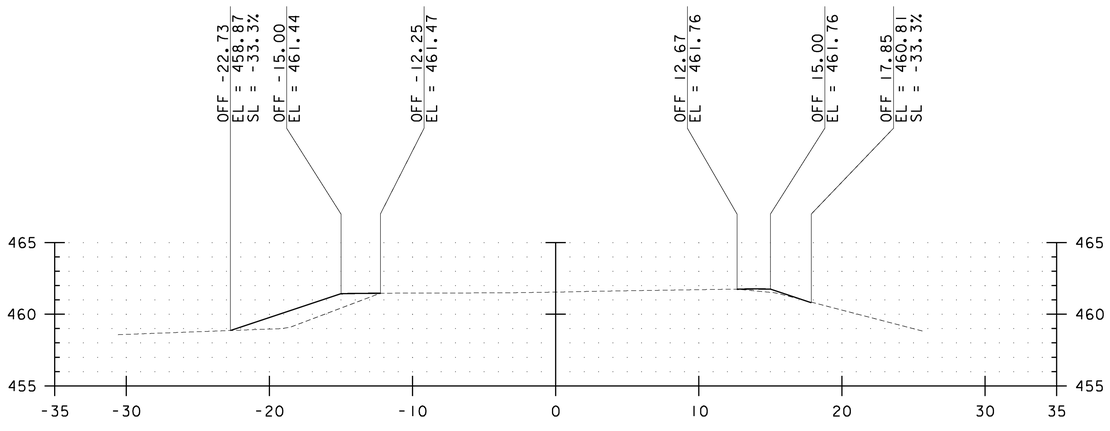
E.G. = 461.51

283+50



E.G. = 462.51

282+00



E.G. = 461.55

283+00

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE:
1" = 10' HORIZONTAL
1" = 10' VERTICAL

CROSS SLOPE SHALL MATCH EXISTING

ALL SIDESLOPES SHALL BE CONSTRUCTED TO A 1:3 MAXIMUM GRADE UNLESS SPECIFICALLY NOTED OTHERWISE

NO.	DATE	REVISIONS	BY	CK'D

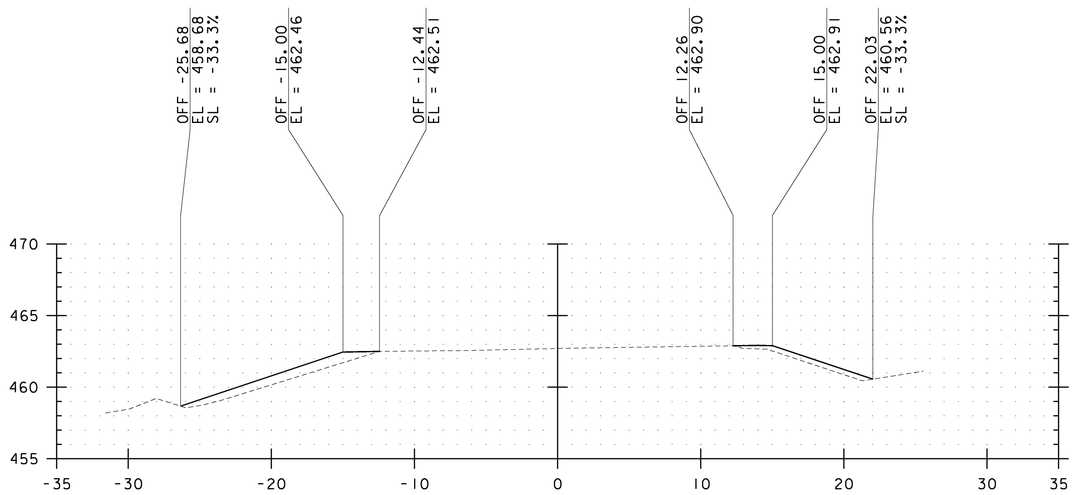
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Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

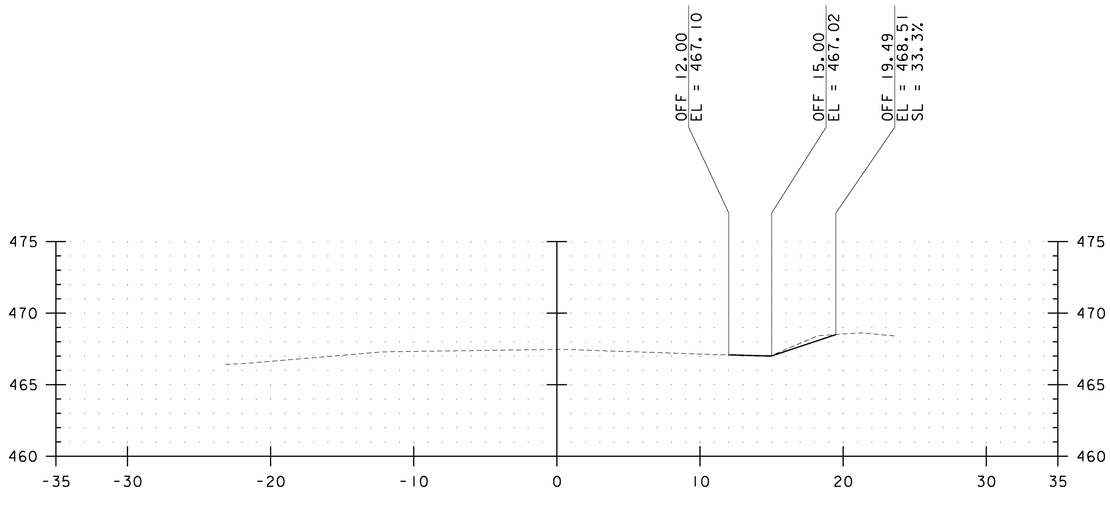
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PROJECT LEADER: MS
DESIGNED BY: CM
CROSS SECTION SHEET 27

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 110 OF 133



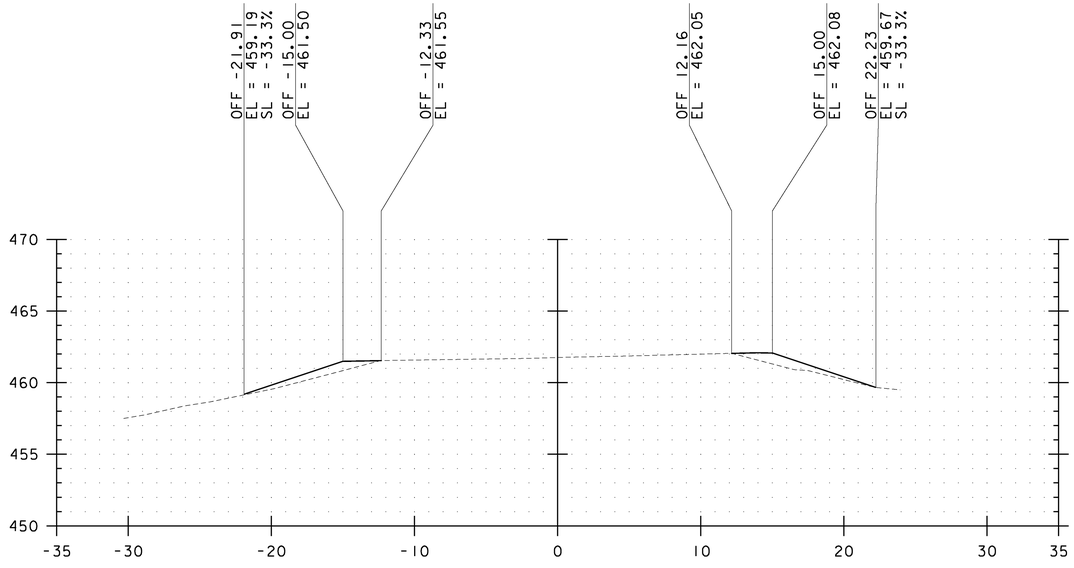
E.G. = 462.71

284+50



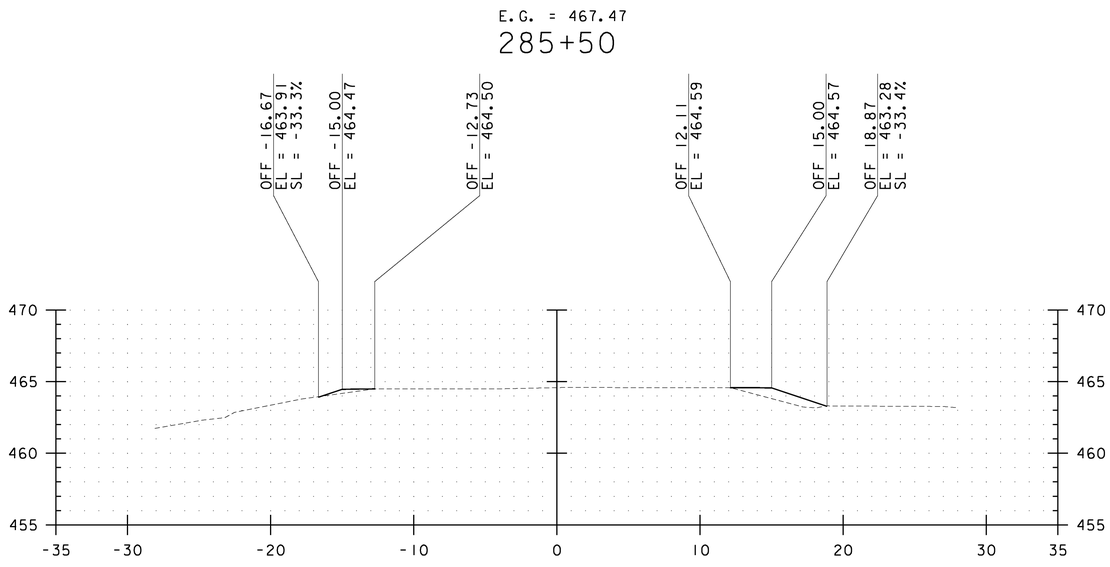
E.G. = 467.47

285+50



E.G. = 461.76

284+00



E.G. = 464.59

285+00

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE:
1" = 10' HORIZONTAL
1" = 10' VERTICAL

CROSS SLOPE SHALL MATCH EXISTING

ALL SIDESLOPES SHALL BE CONSTRUCTED TO A 1:3 MAXIMUM GRADE UNLESS SPECIFICALLY NOTED OTHERWISE

NO.	DATE	REVISIONS	BY	CK'D

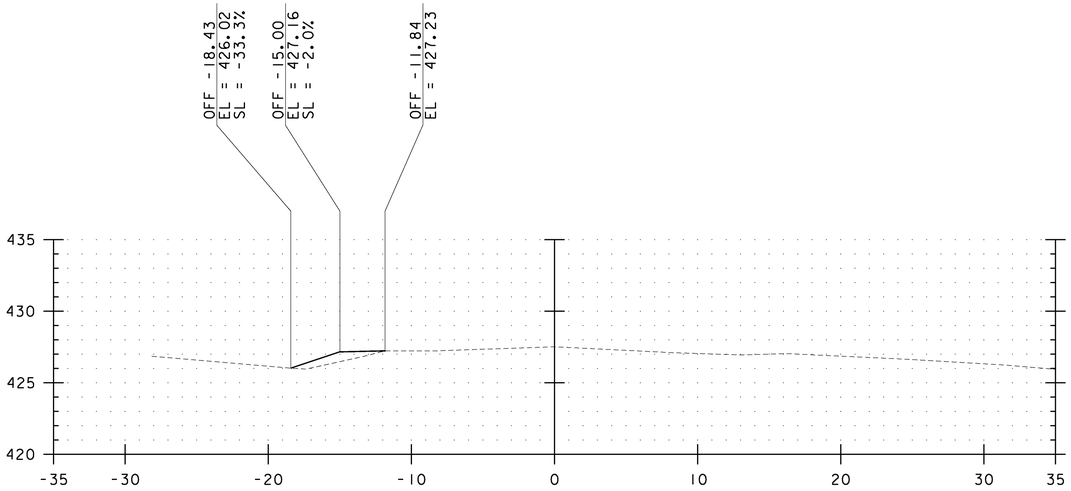
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Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

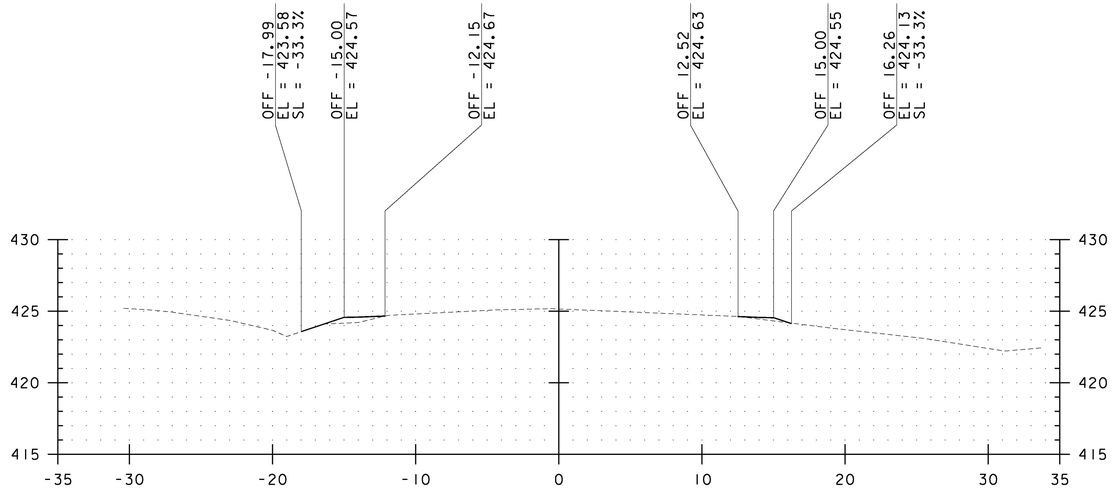
FILE NAME: Z08F122BDR XS.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
CROSS SECTION SHEET 28

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 111 OF 133



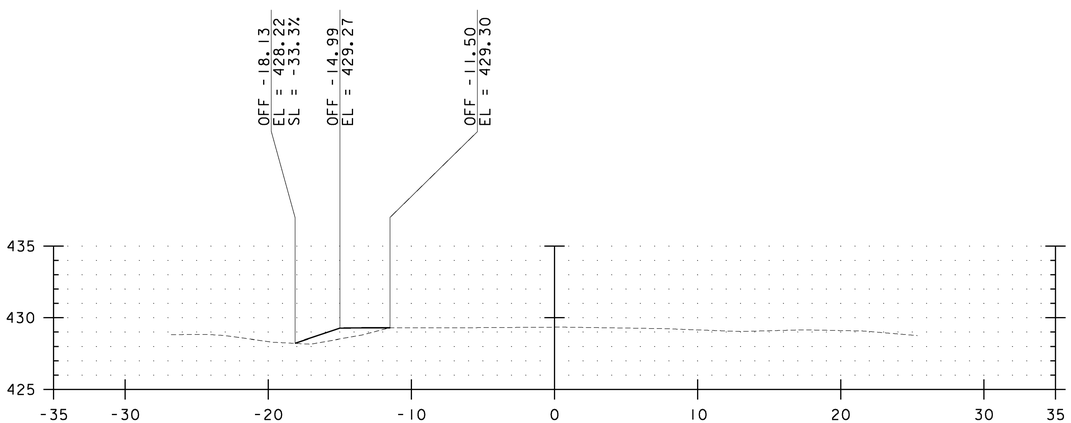
E.G. = 427.51

311+50



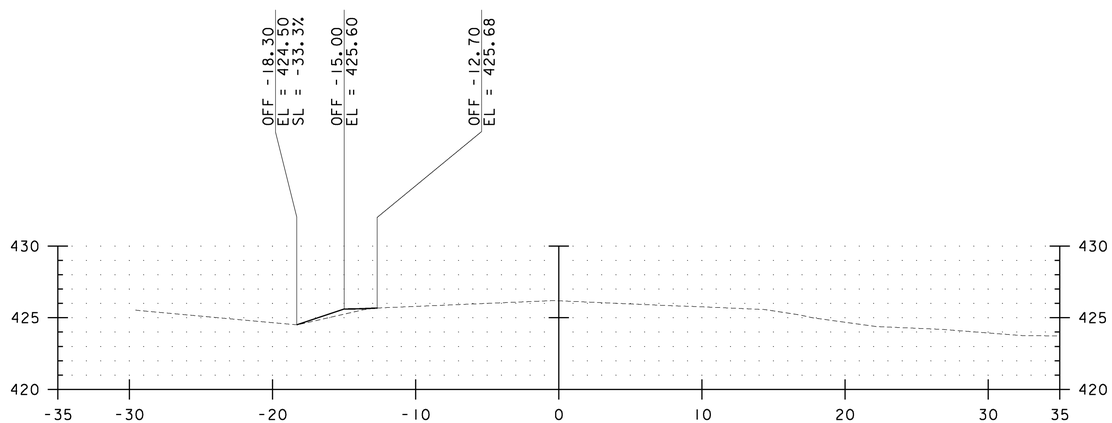
E.G. = 425.15

312+50



E.G. = 429.33

311+00



E.G. = 426.18

312+00

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE:
1" = 10' HORIZONTAL
1" = 10' VERTICAL

CROSS SLOPE SHALL MATCH EXISTING

ALL SIDESLOPES SHALL BE CONSTRUCTED TO A 1:3 MAXIMUM GRADE UNLESS SPECIFICALLY NOTED OTHERWISE

NO.	DATE	REVISIONS	BY	CK'D

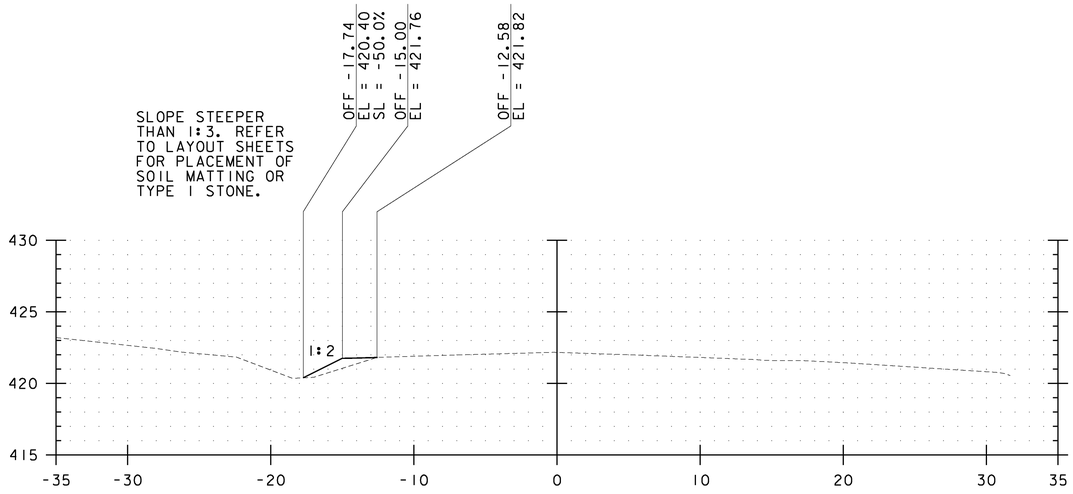
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TEL 802.383.0118 • FAX 802.383.0122 • www.rsginc.com

Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

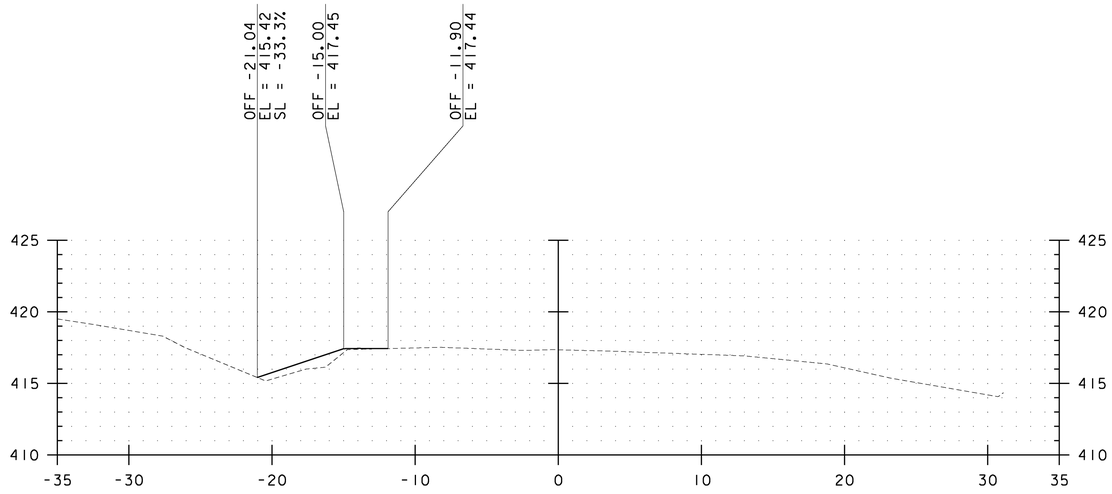
FILE NAME: Z08F122BDR XS.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
CROSS SECTION SHEET 29

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS



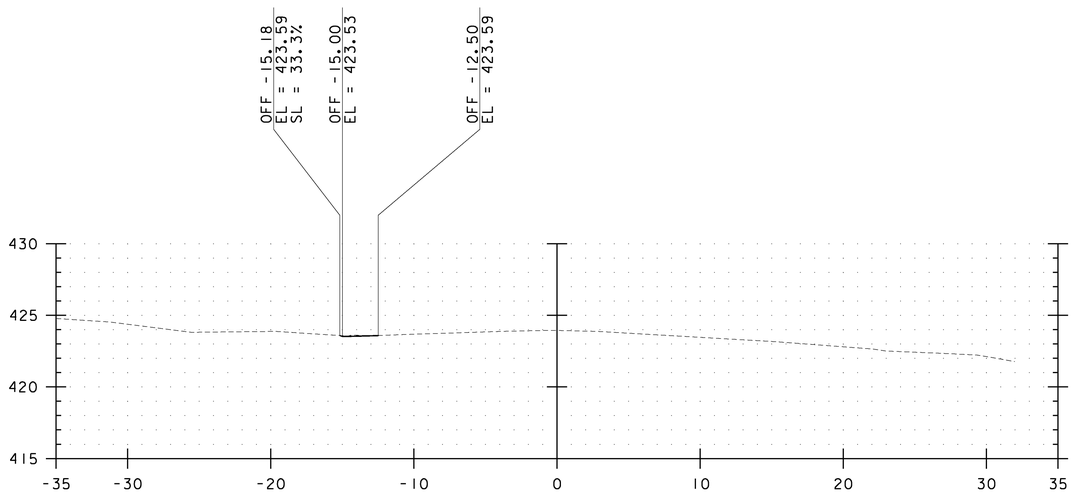
E.G. = 422.17

313+50



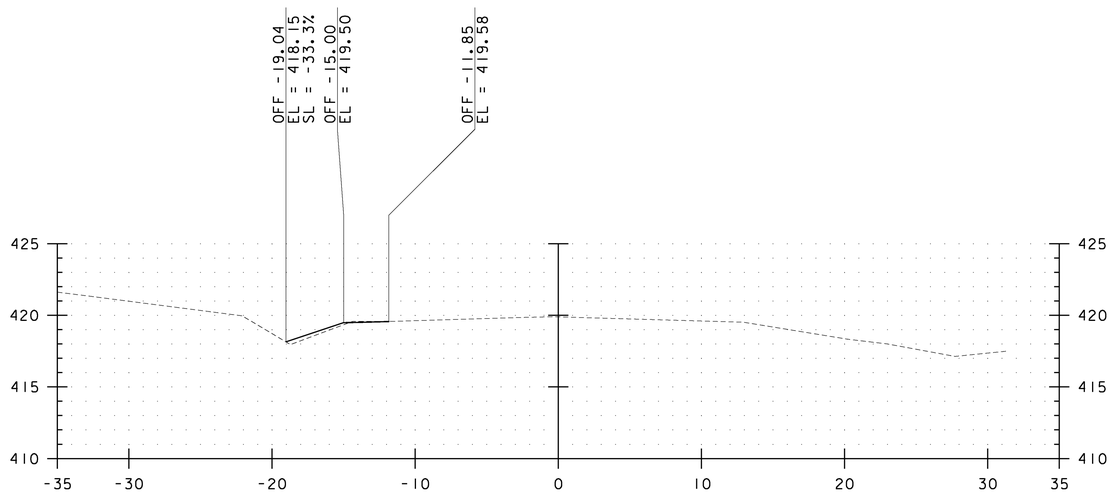
E.G. = 417.35

314+50



E.G. = 423.95

313+00



E.G. = 419.90

314+00

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE:
1" = 10' HORIZONTAL
1" = 10' VERTICAL

CROSS SLOPE SHALL MATCH EXISTING

ALL SIDESLOPES SHALL BE CONSTRUCTED TO A 1:3 MAXIMUM GRADE UNLESS SPECIFICALLY NOTED OTHERWISE

NO.	DATE	REVISIONS	BY	CK'D

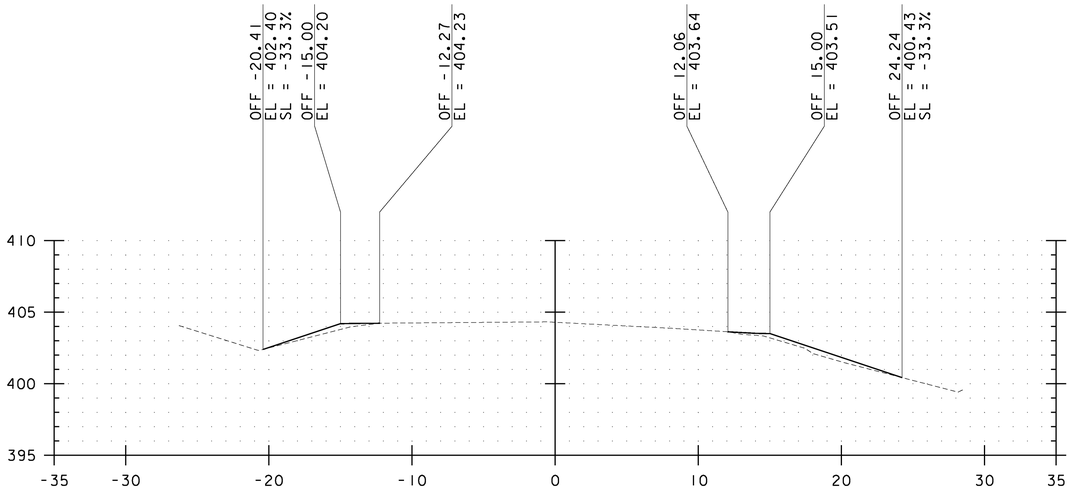
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Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

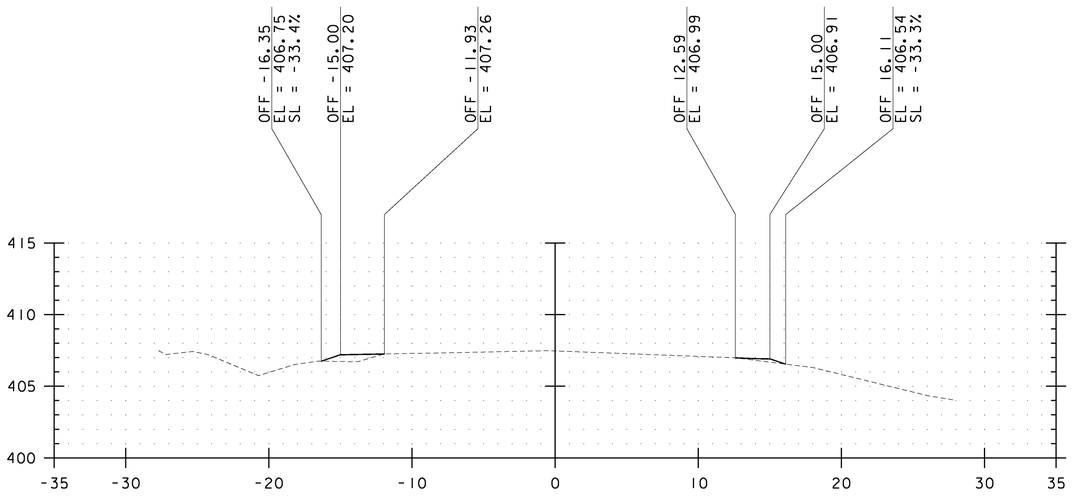
FILE NAME: Z08F122BDR XS.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
CROSS SECTION SHEET 30

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 113 OF 133



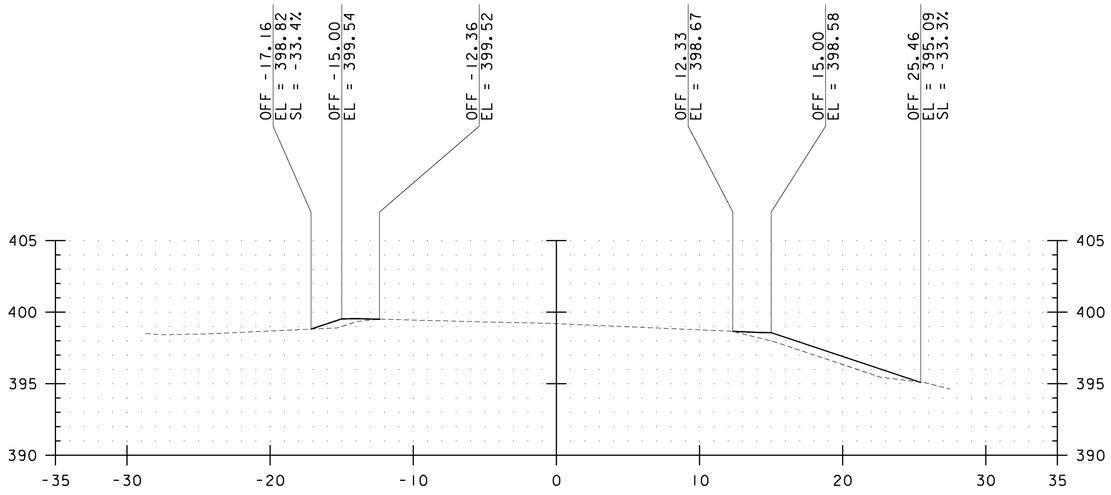
E.G. = 404.30

316+50



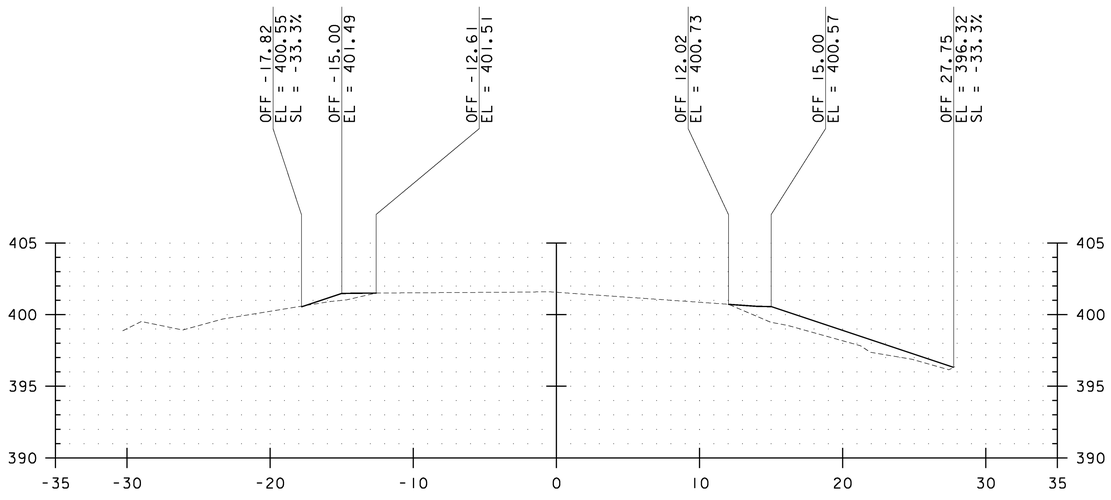
E.G. = 407.47

316+00



E.G. = 399.20

317+50



E.G. = 401.57

317+00

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE:
1" = 10' HORIZONTAL
1" = 10' VERTICAL

CROSS SLOPE SHALL MATCH EXISTING

ALL SIDESLOPES SHALL BE CONSTRUCTED TO A 1:3 MAXIMUM GRADE UNLESS SPECIFICALLY NOTED OTHERWISE

NO.	DATE	REVISIONS	BY	CK'D

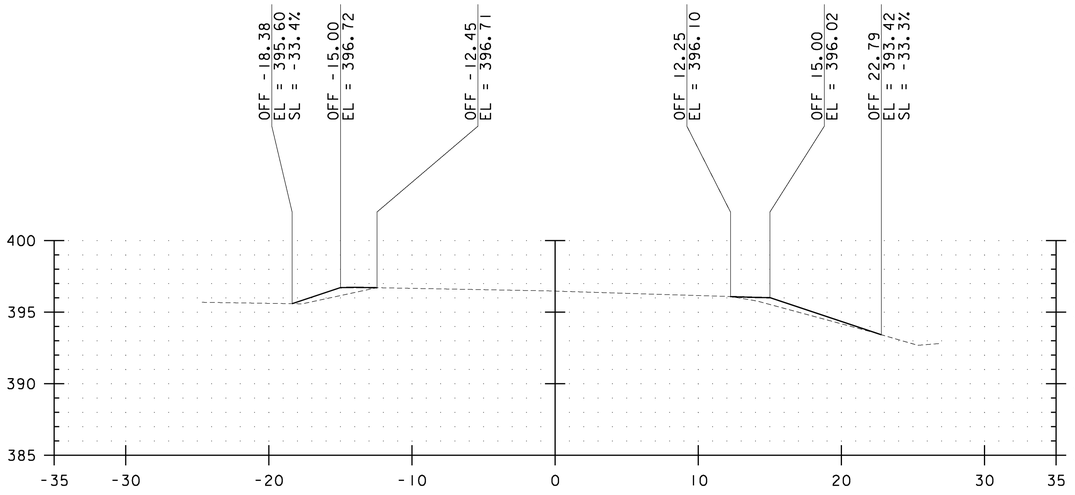
RSG INC.
RESOURCE SYSTEMS GROUP, INC.
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TEL 802.383.0118 • FAX 802.383.0122 • www.rsginc.com

Cornwall, Vermont
1961

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

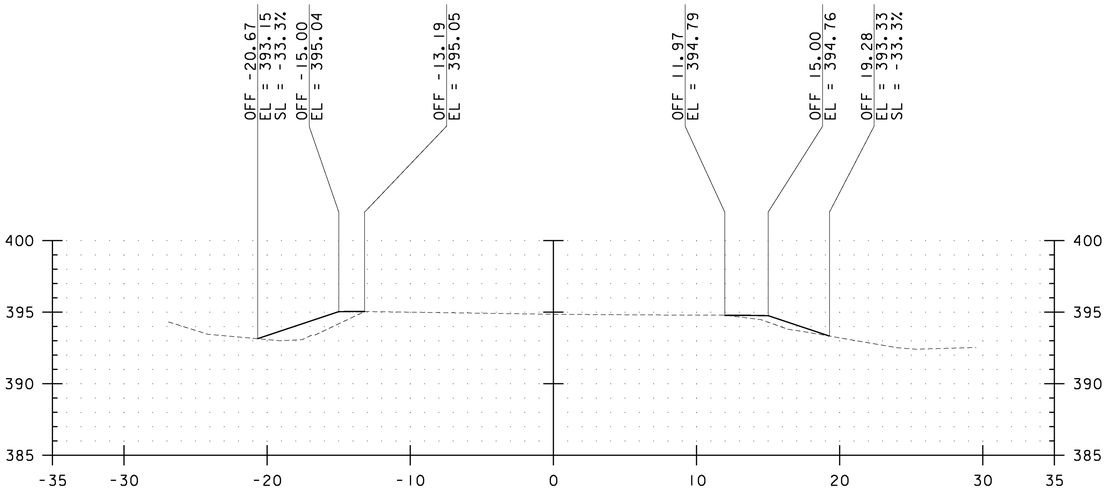
FILE NAME: Z08F122BDR XS.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
CROSS SECTION SHEET 31

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 114 OF 133



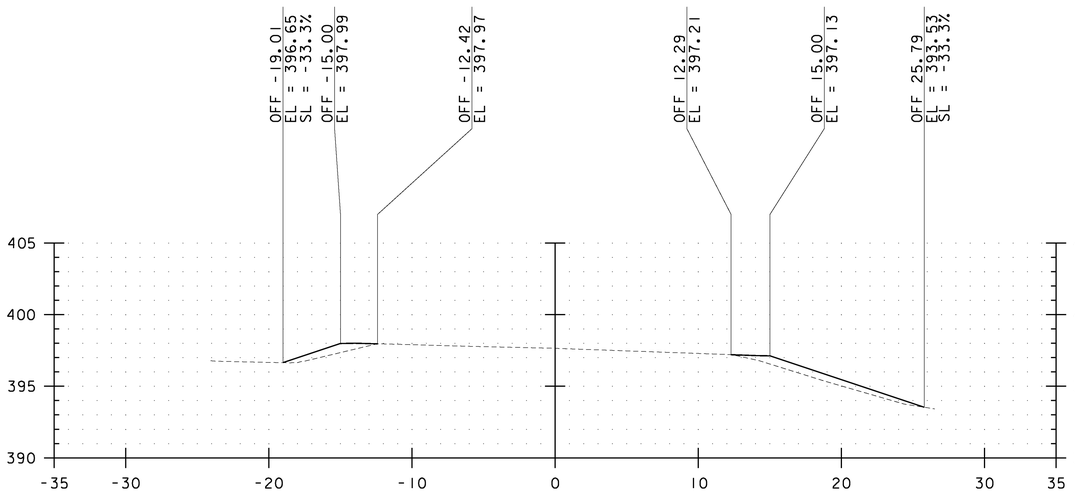
E.G. = 396.48

318+50



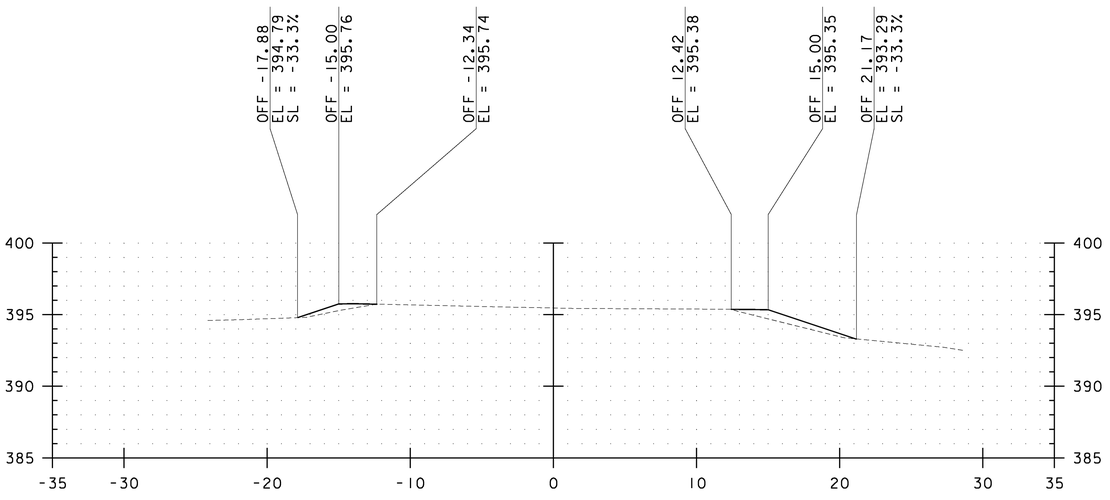
E.G. = 394.86

319+50



E.G. = 397.65

318+00



E.G. = 395.47

319+00

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE:
1" = 10' HORIZONTAL
1" = 10' VERTICAL

CROSS SLOPE SHALL MATCH EXISTING

ALL SIDESLOPES SHALL BE CONSTRUCTED TO A 1:3 MAXIMUM GRADE UNLESS SPECIFICALLY NOTED OTHERWISE

NO.	DATE	REVISIONS	BY	CK'D

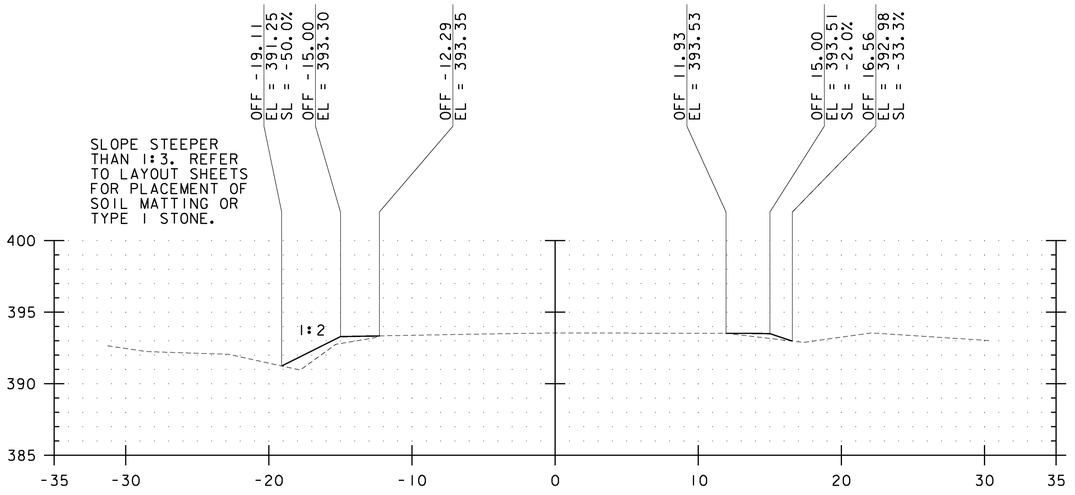
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Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

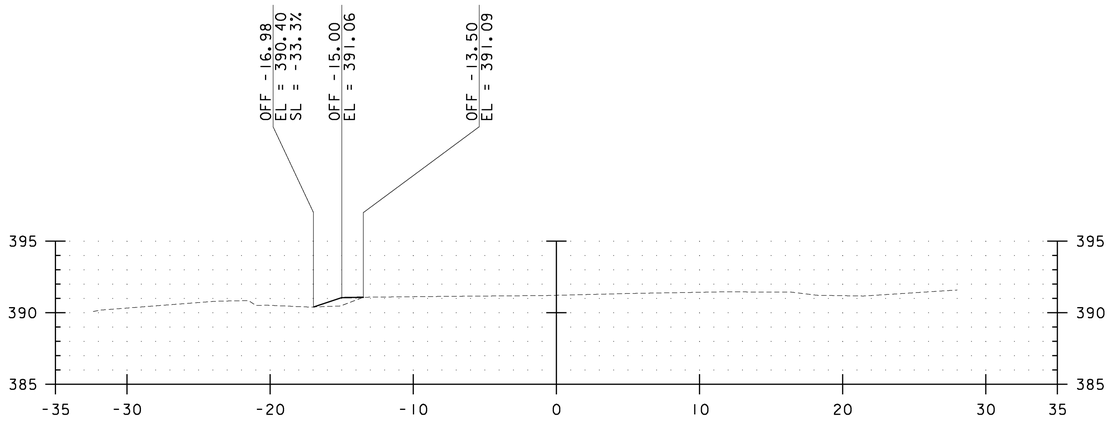
FILE NAME: Z08F122BDR XS.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
CROSS SECTION SHEET 32

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 115 OF 133



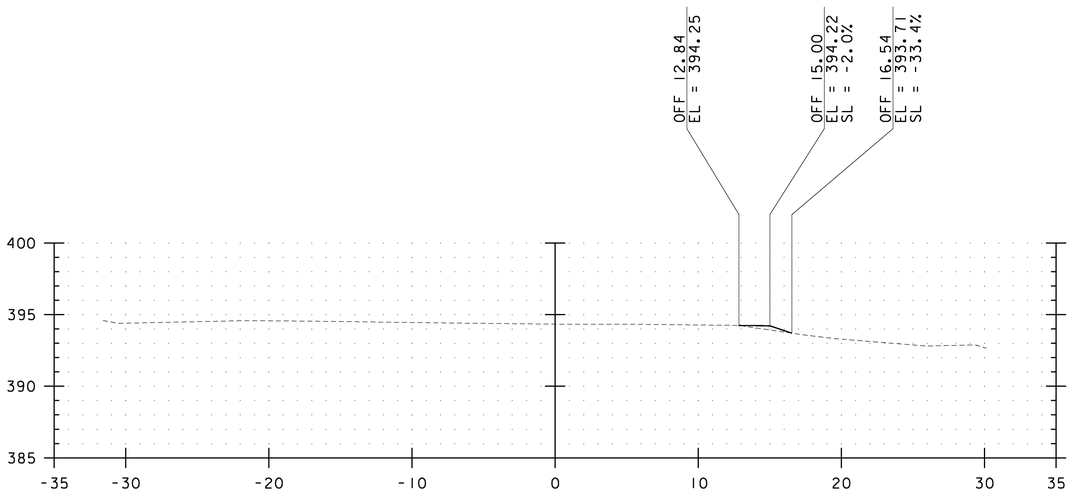
E.G. = 393.55

320+50



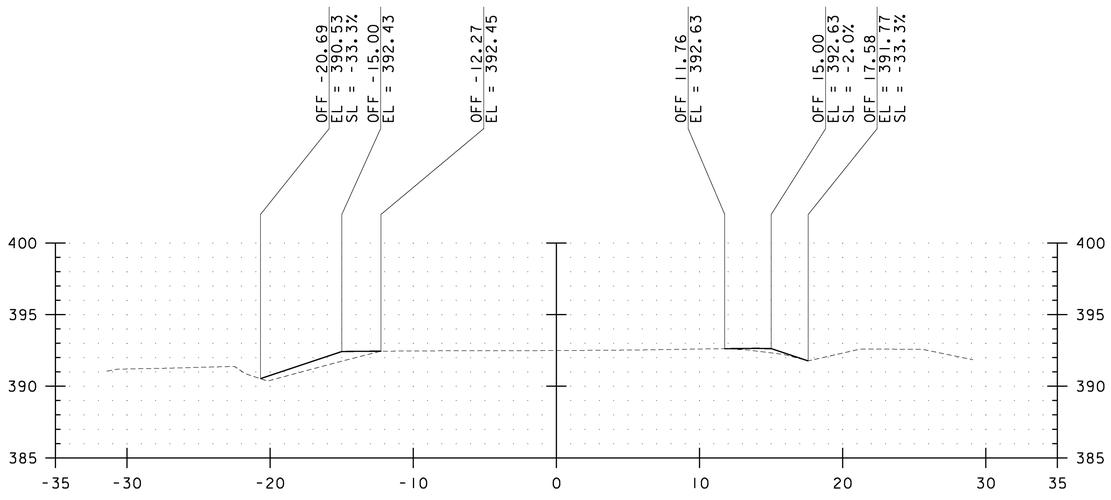
E.G. = 391.22

321+50



E.G. = 394.34

320+00



E.G. = 392.49

321+00

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE:
1" = 10' HORIZONTAL
1" = 10' VERTICAL

CROSS SLOPE SHALL MATCH EXISTING

ALL SIDESLOPES SHALL BE CONSTRUCTED TO A 1:3 MAXIMUM GRADE UNLESS SPECIFICALLY NOTED OTHERWISE

NO.	DATE	REVISIONS	BY	CK'D

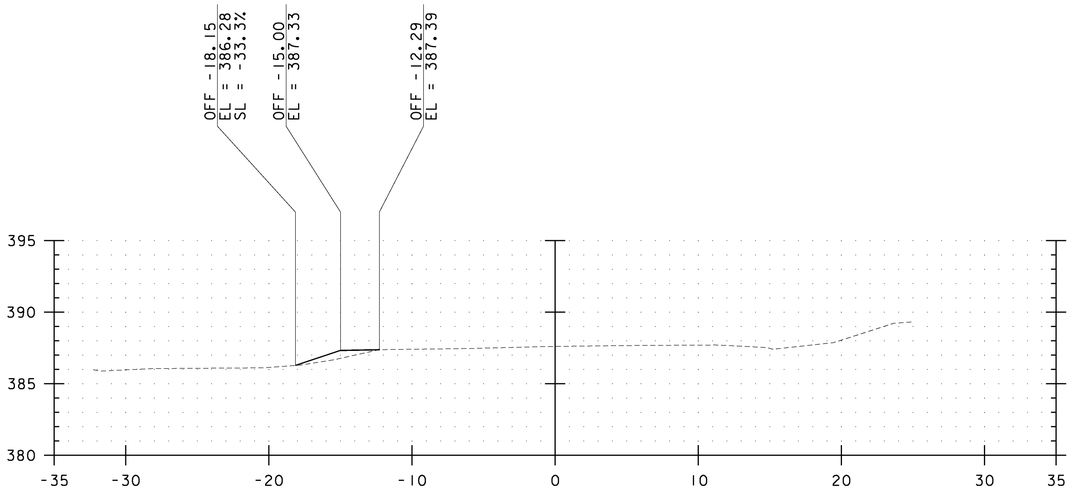
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Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

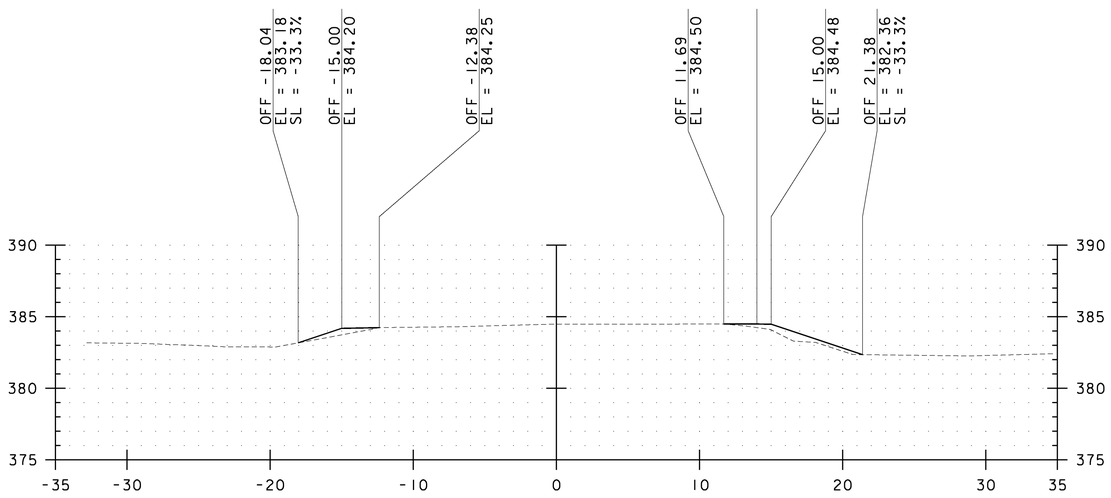
FILE NAME: Z08F122BDR XS.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
CROSS SECTION SHEET 33

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 116 OF 133



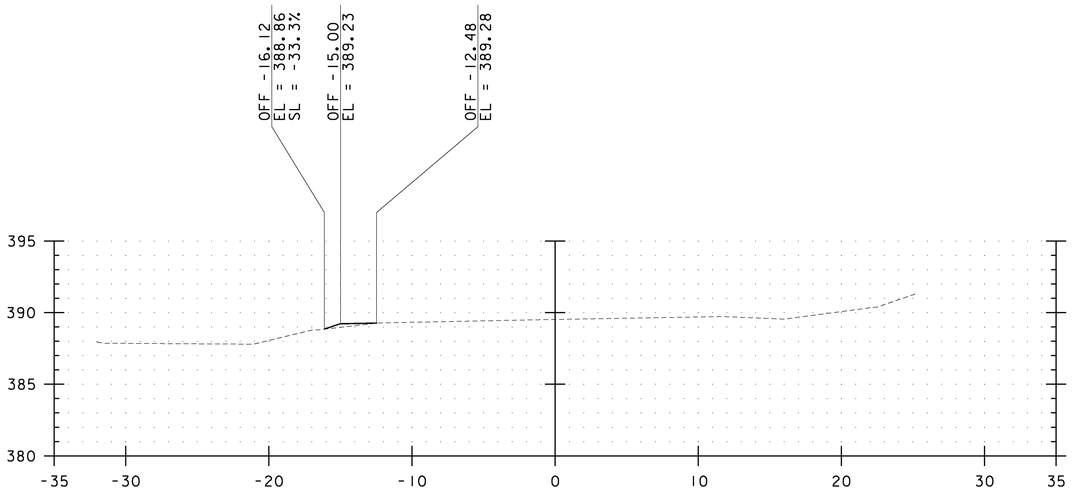
E.G. = 387.61

322+50



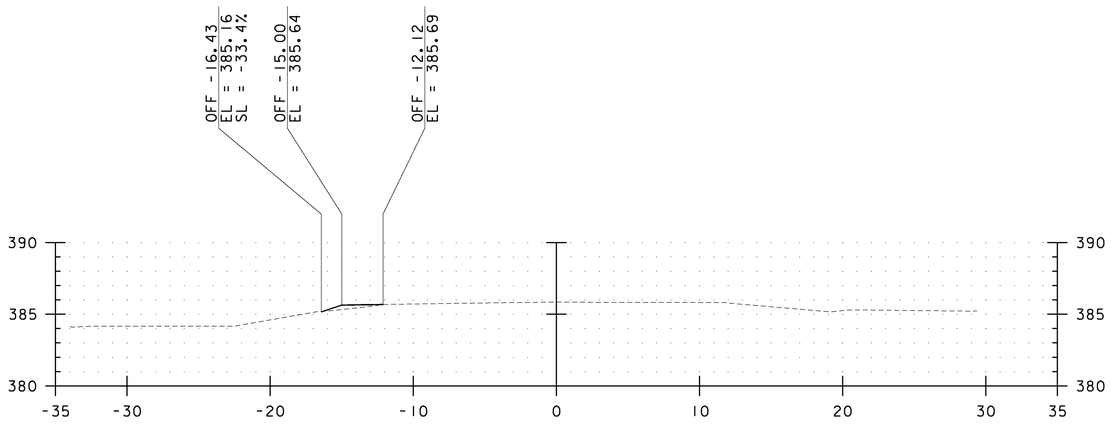
E.G. = 384.48

323+50



E.G. = 389.53

322+00



E.G. = 385.85

323+00

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE:
1" = 10' HORIZONTAL
1" = 10' VERTICAL

CROSS SLOPE SHALL MATCH EXISTING

ALL SIDESLOPES SHALL BE CONSTRUCTED TO A 1:3 MAXIMUM GRADE UNLESS SPECIFICALLY NOTED OTHERWISE

NO.	DATE	REVISIONS	BY	CK'D

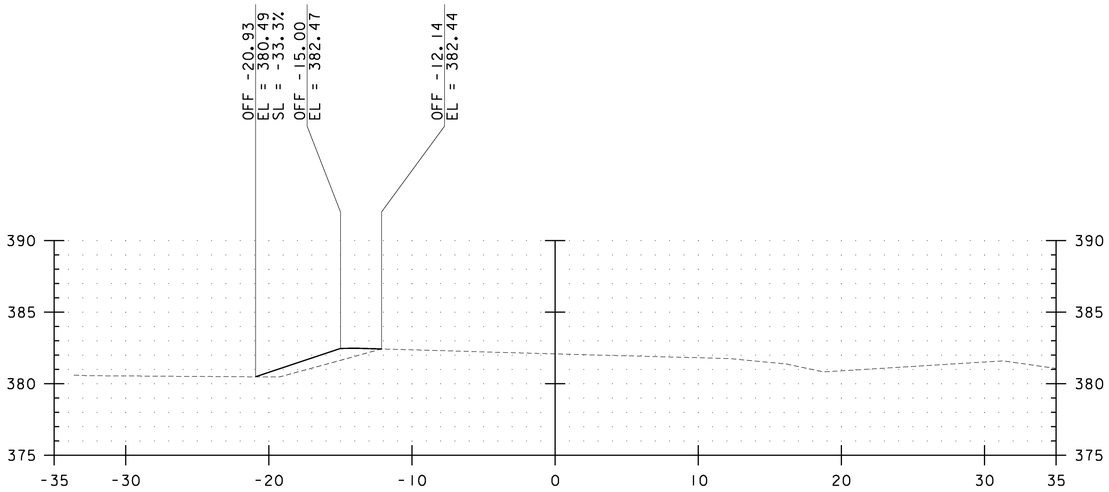
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Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

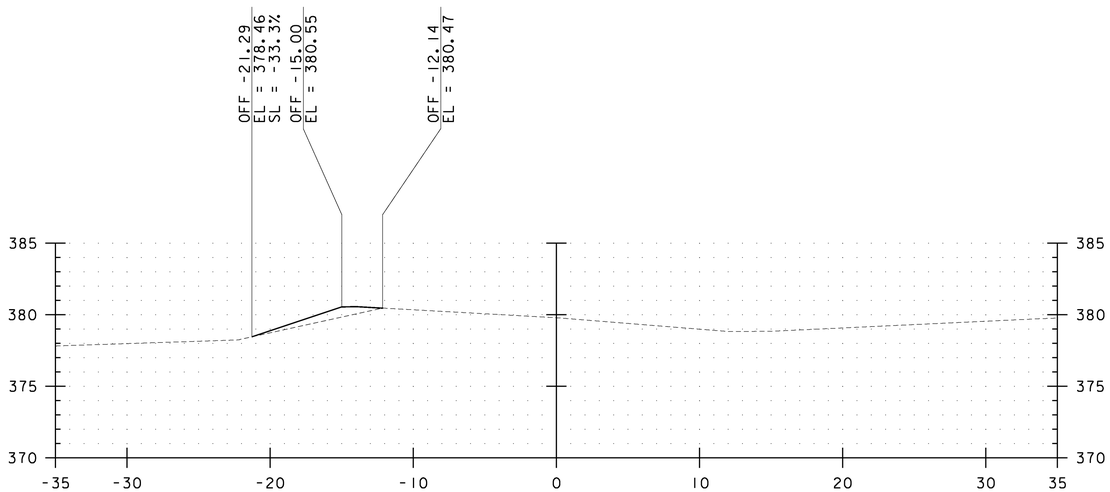
FILE NAME: Z08F122BDR XS.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
CROSS SECTION SHEET 34

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 117 OF 133



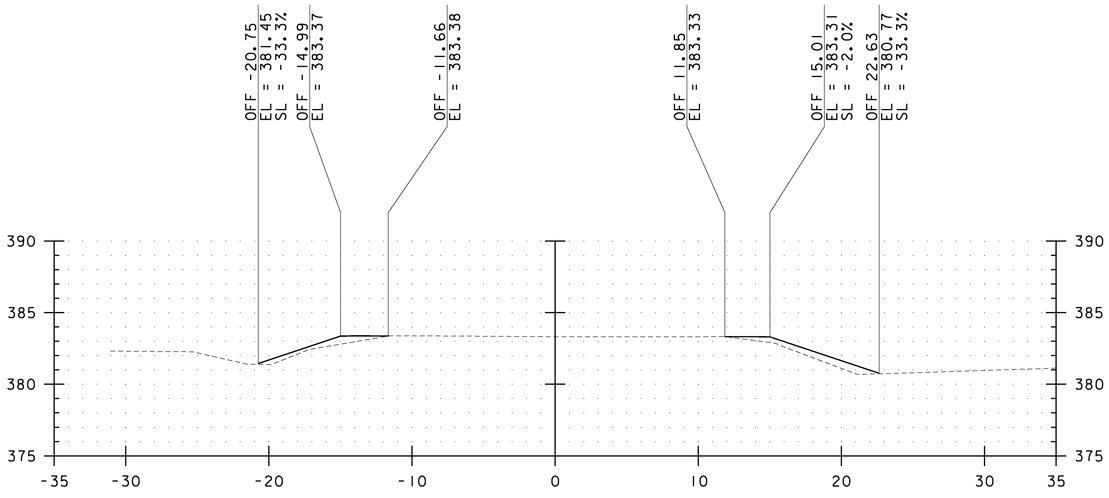
E.G. = 382.09

324+50



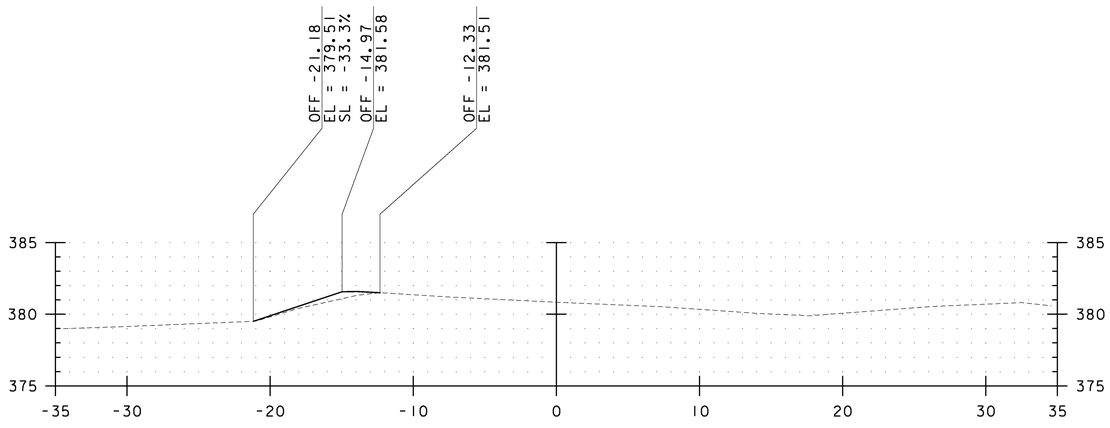
E.G. = 379.79

325+50



E.G. = 383.32

324+00



E.G. = 380.84

325+00

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE:
1" = 10' HORIZONTAL
1" = 10' VERTICAL

CROSS SLOPE SHALL MATCH EXISTING

ALL SIDESLOPES SHALL BE CONSTRUCTED TO A 1:3 MAXIMUM GRADE UNLESS SPECIFICALLY NOTED OTHERWISE

NO.	DATE	REVISIONS	BY	CK'D

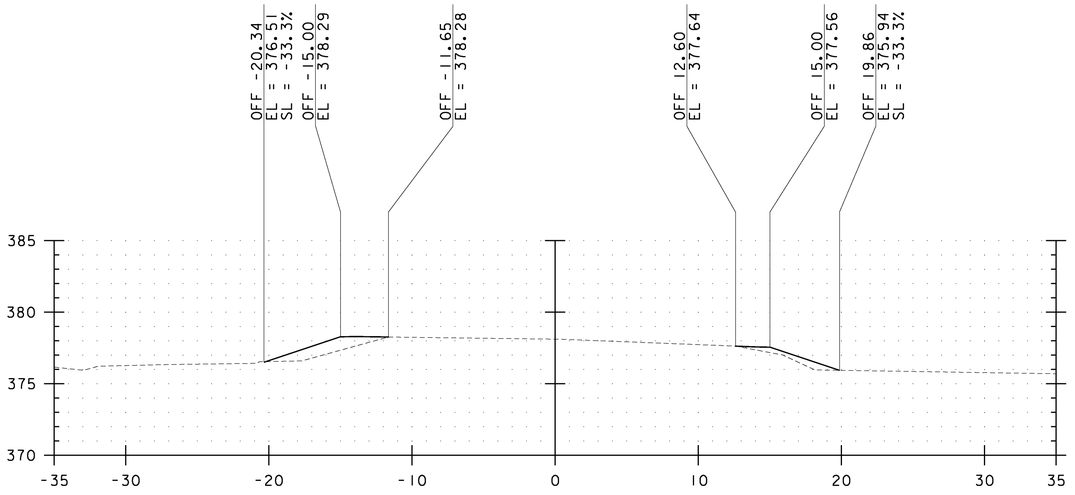
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Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

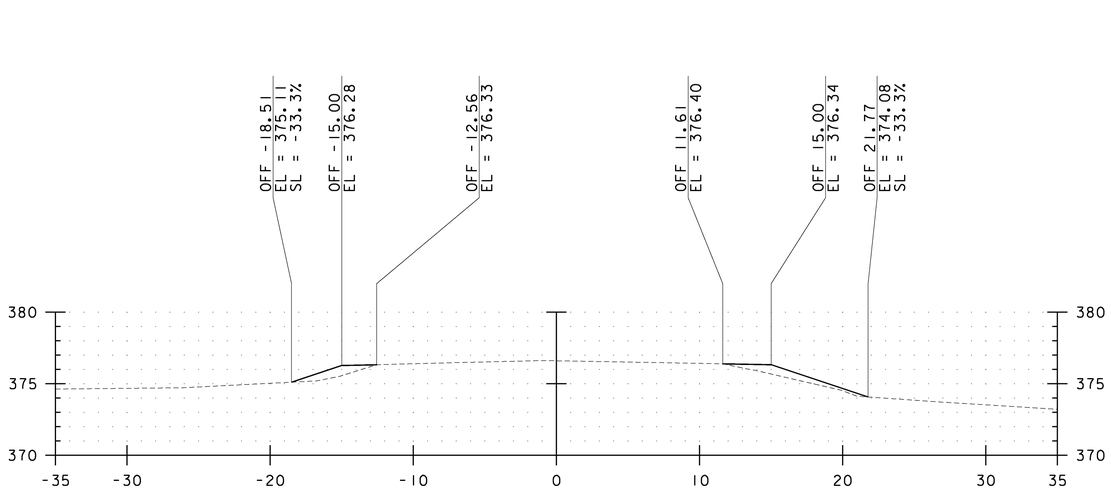
FILE NAME: Z08F122BDR XS.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
CROSS SECTION SHEET 35

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 118 OF 133



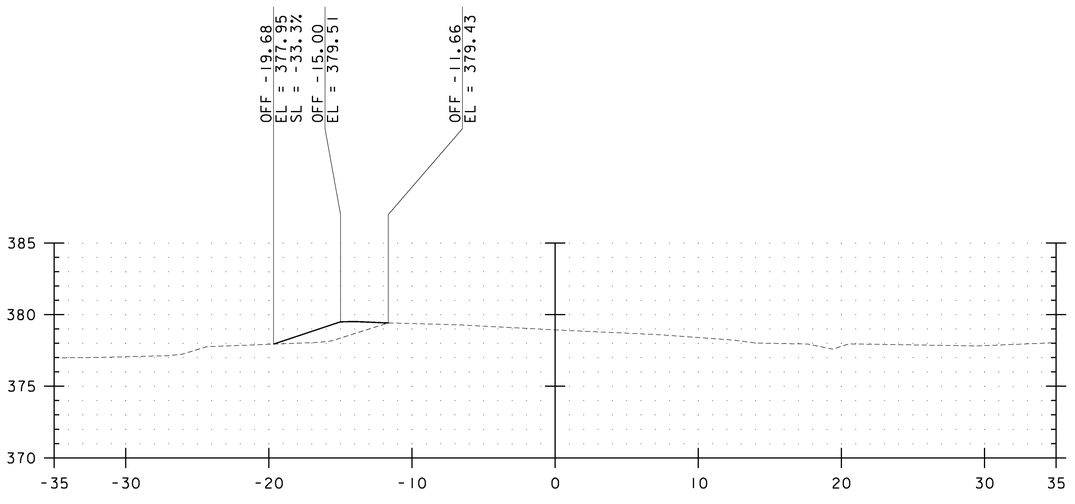
E.G. = 378.12

326+50



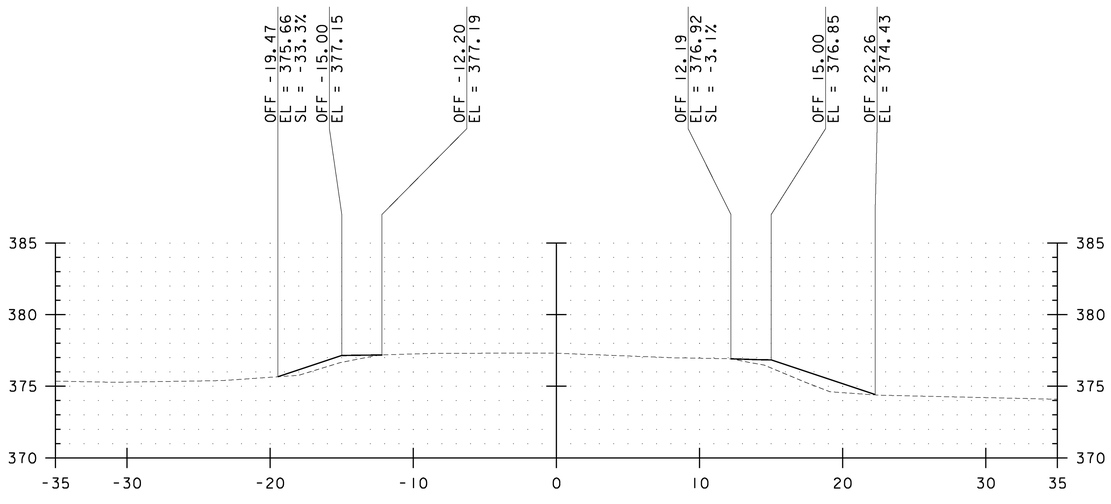
E.G. = 376.61

327+50



E.G. = 378.94

326+00



E.G. = 377.31

327+00

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE:
1" = 10' HORIZONTAL
1" = 10' VERTICAL

CROSS SLOPE SHALL MATCH EXISTING

ALL SIDESLOPES SHALL BE CONSTRUCTED TO A 1:3 MAXIMUM GRADE UNLESS SPECIFICALLY NOTED OTHERWISE

NO.	DATE	REVISIONS	BY	CK'D

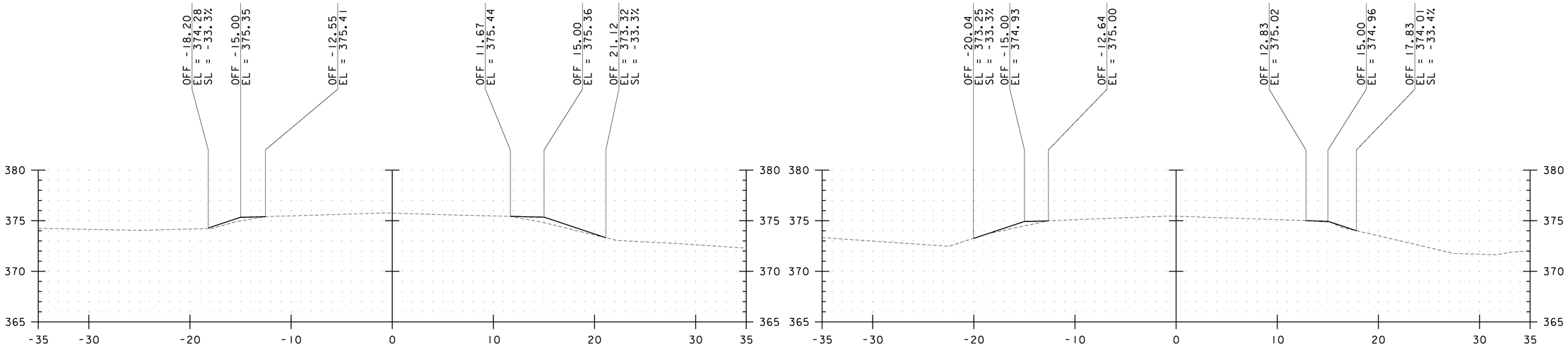
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Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

FILE NAME: Z08F122BDR XS.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
CROSS SECTION SHEET 36

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 119 OF 133

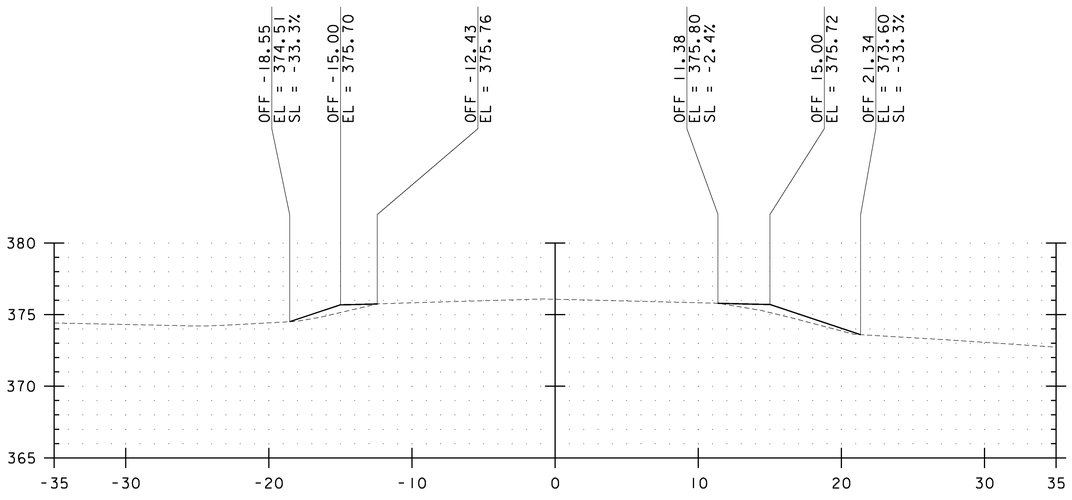


E.G. = 375.76

328+50

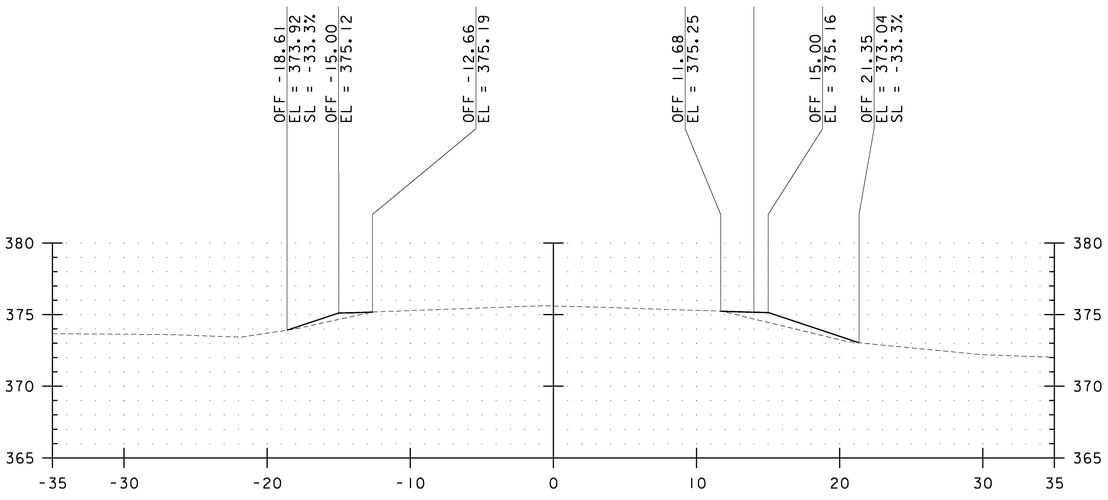
E.G. = 375.45

329+50



E.G. = 376.08

328+00



E.G. = 375.61

329+00

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE:
1" = 10' HORIZONTAL
1" = 10' VERTICAL

CROSS SLOPE SHALL MATCH EXISTING

ALL SIDESLOPES SHALL BE CONSTRUCTED TO A 1:3 MAXIMUM GRADE UNLESS SPECIFICALLY NOTED OTHERWISE

NO.	DATE	REVISIONS	BY	CK'D

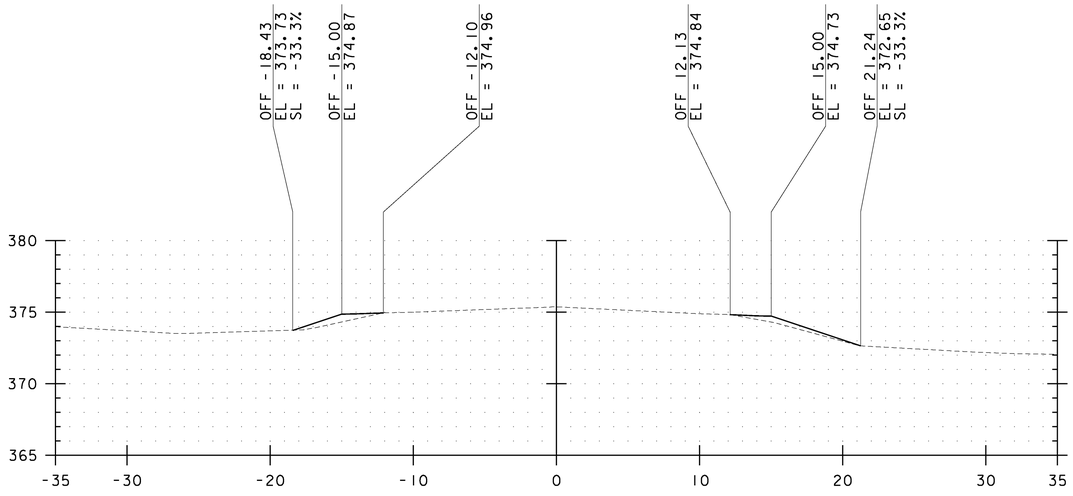
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Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

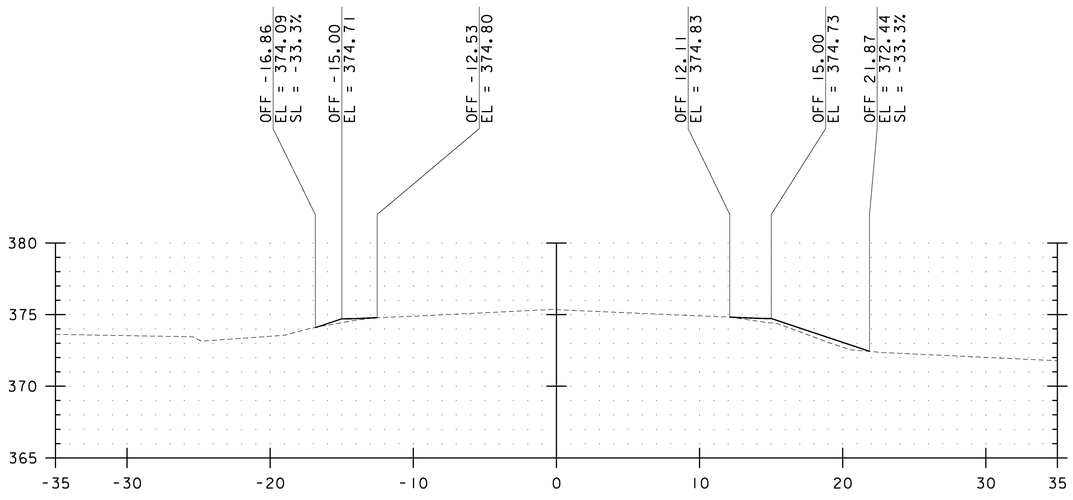
FILE NAME: Z08F122BDR XS.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
CROSS SECTION SHEET 37

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 120 OF 133



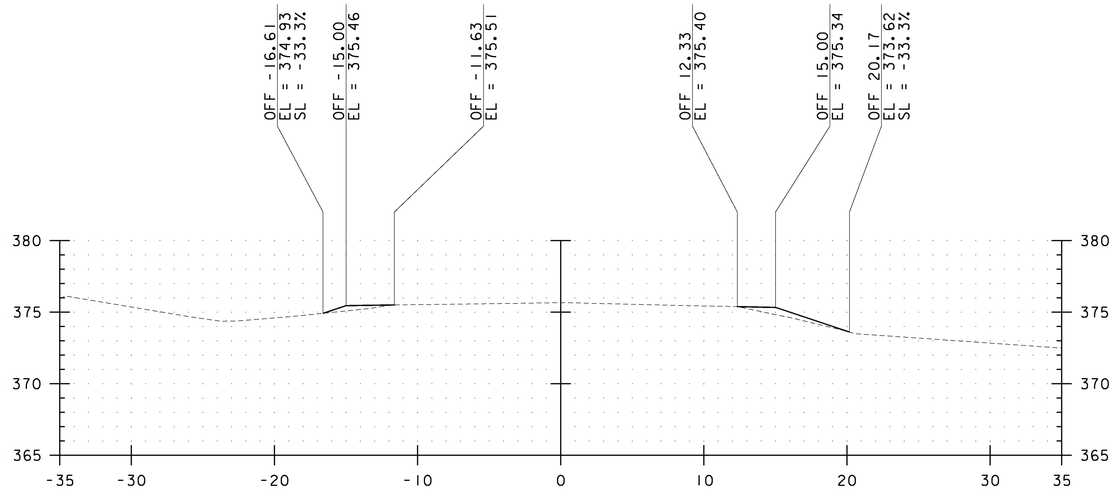
E.G. = 375.38

330+50



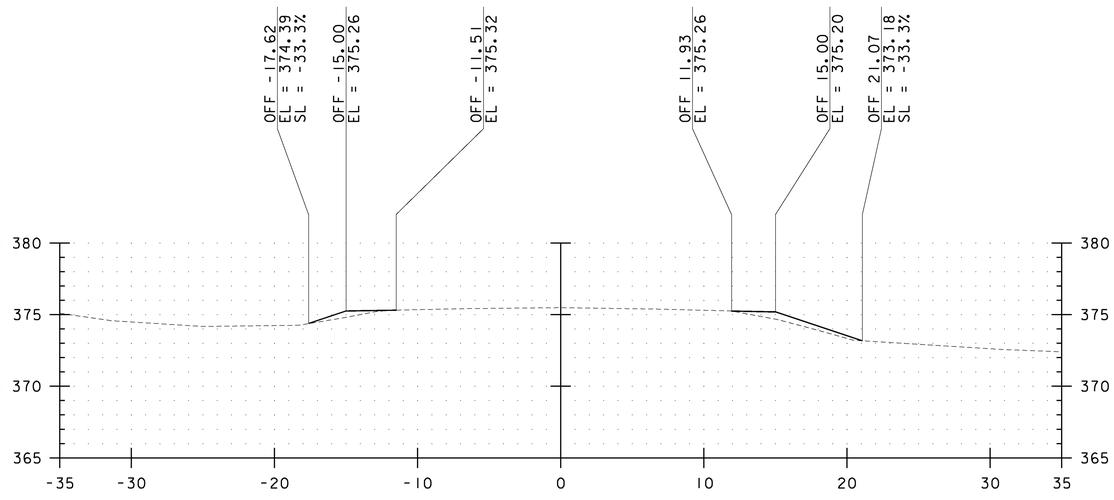
E.G. = 375.35

330+00



E.G. = 375.67

331+50



E.G. = 375.49

331+00

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE:
1" = 10' HORIZONTAL
1" = 10' VERTICAL

CROSS SLOPE SHALL MATCH EXISTING

ALL SIDESLOPES SHALL BE CONSTRUCTED TO A 1:3 MAXIMUM GRADE UNLESS SPECIFICALLY NOTED OTHERWISE

NO.	DATE	REVISIONS	BY	CK'D

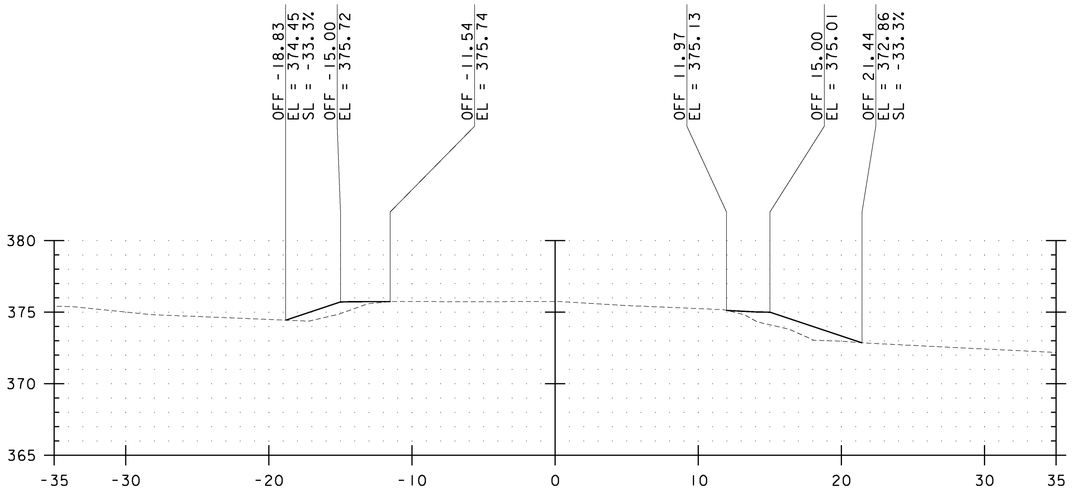
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Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

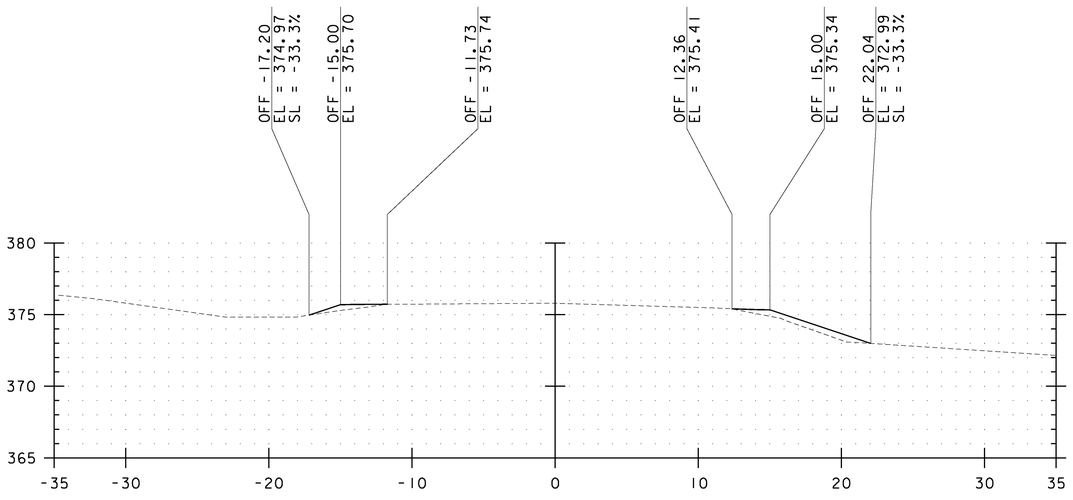
FILE NAME: Z08F122BDR XS.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
CROSS SECTION SHEET 38

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 121 OF 133



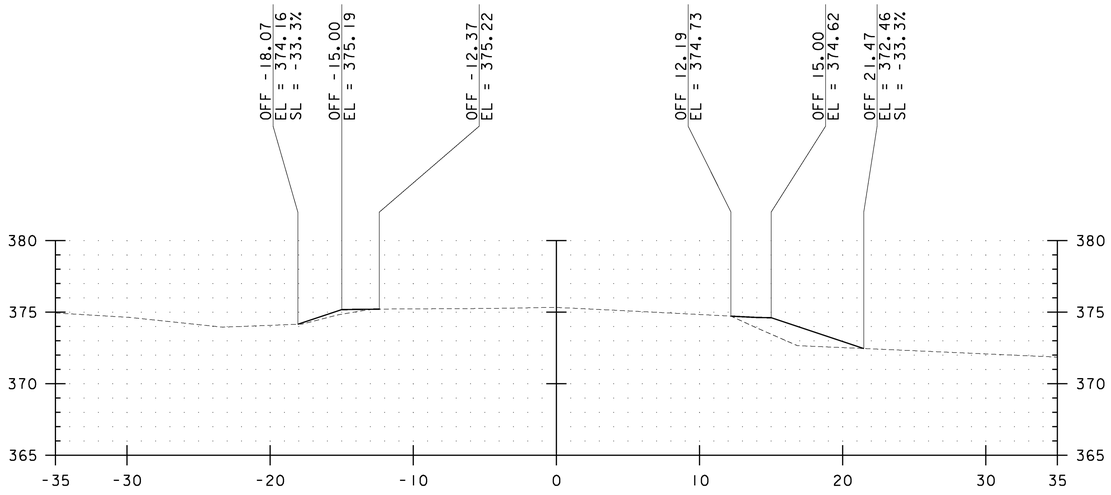
E.G. = 375.75

332+50



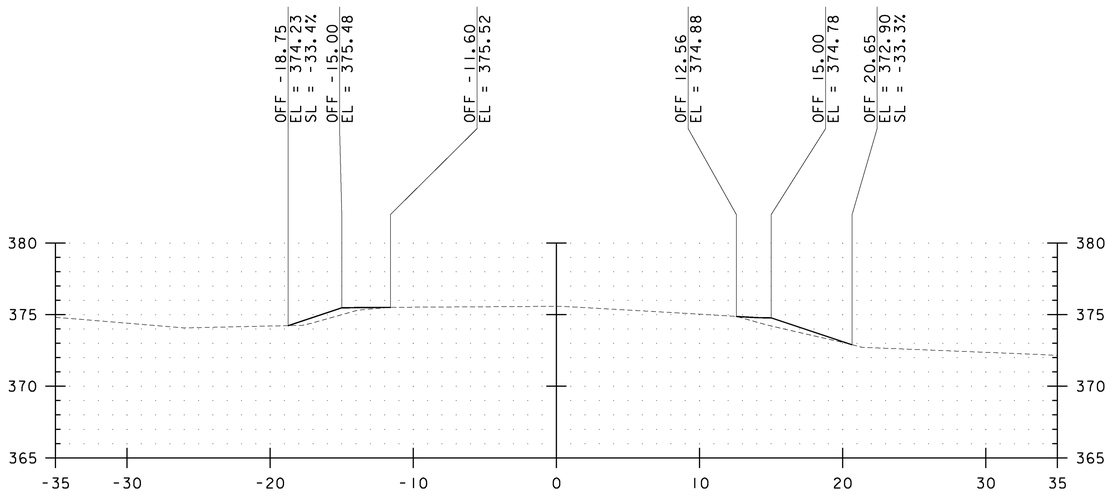
E.G. = 375.80

332+00



E.G. = 375.34

333+50



E.G. = 375.59

333+00

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE:
1" = 10' HORIZONTAL
1" = 10' VERTICAL

CROSS SLOPE SHALL MATCH EXISTING

ALL SIDESLOPES SHALL BE CONSTRUCTED TO A 1:3 MAXIMUM GRADE UNLESS SPECIFICALLY NOTED OTHERWISE

NO.	DATE	REVISIONS	BY	CK'D

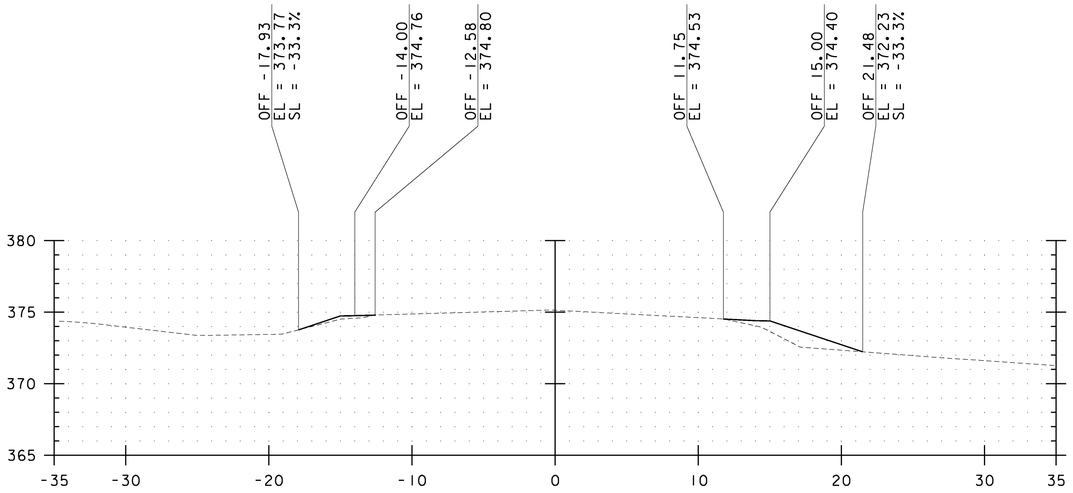
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Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

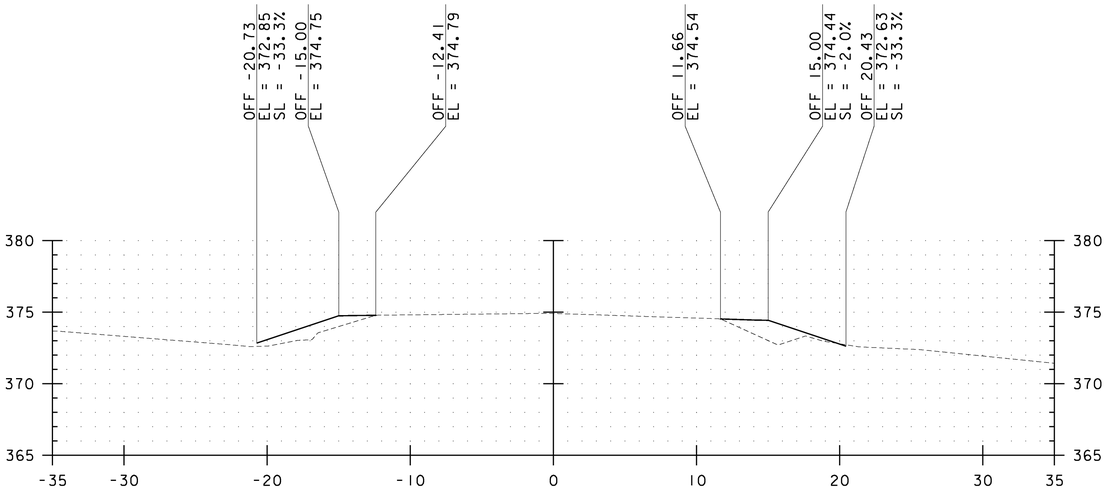
FILE NAME: Z08F122BDR XS.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
CROSS SECTION SHEET 39

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 122 OF 133



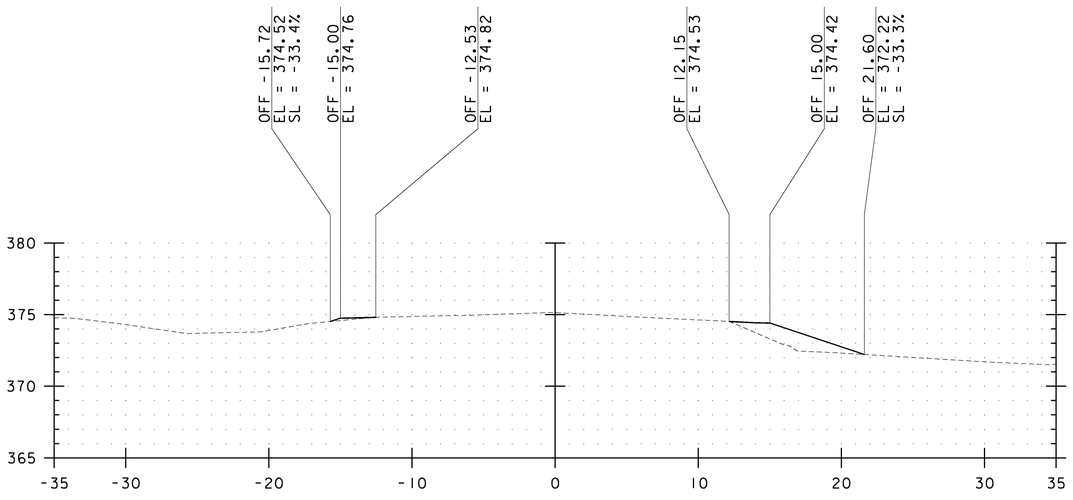
E.G. = 375.14

334+50



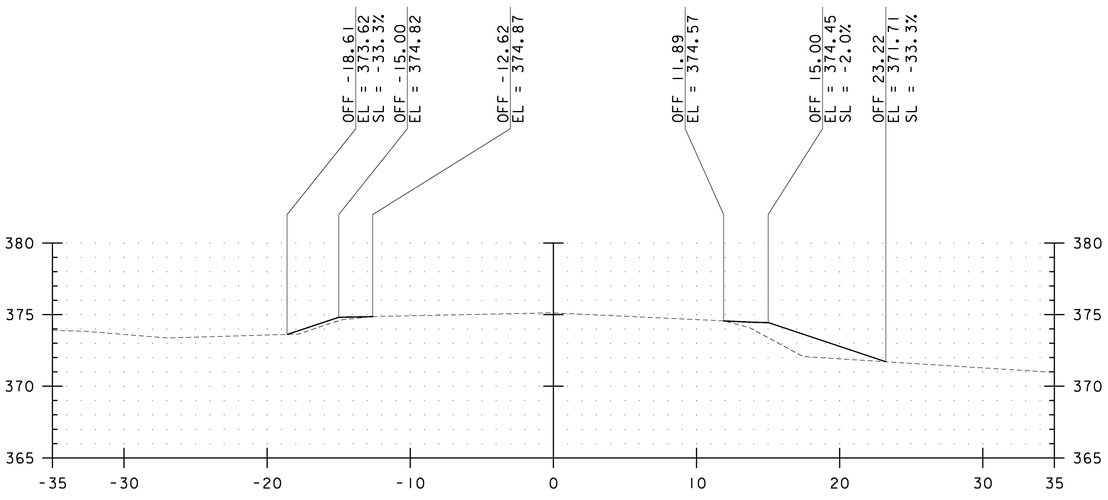
E.G. = 374.92

335+50



E.G. = 375.15

334+00



E.G. = 375.12

335+00

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE:
1" = 10' HORIZONTAL
1" = 10' VERTICAL

CROSS SLOPE SHALL MATCH EXISTING

ALL SIDESLOPES SHALL BE CONSTRUCTED TO A 1:3 MAXIMUM GRADE UNLESS SPECIFICALLY NOTED OTHERWISE

NO.	DATE	REVISIONS	BY	CK'D

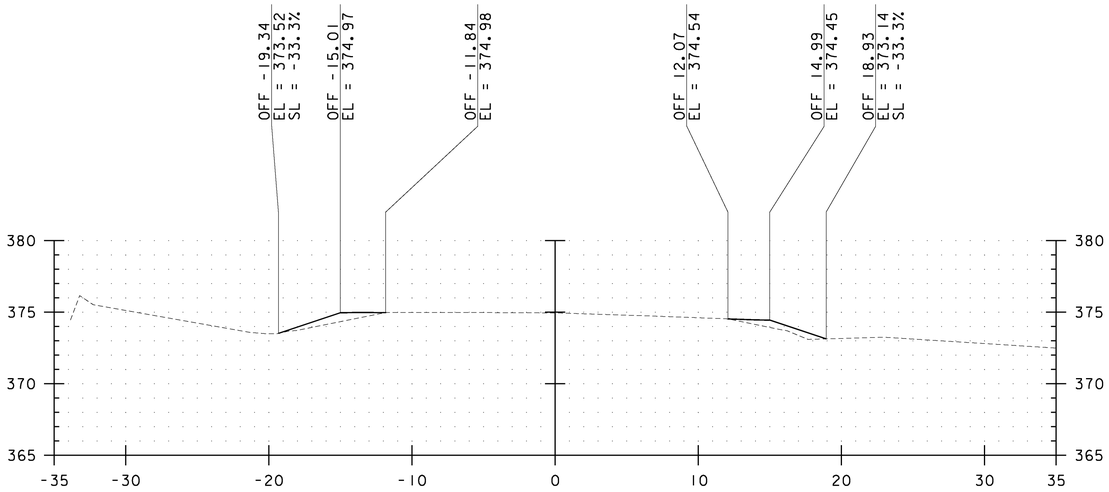
RSG INC.
RESOURCE SYSTEMS GROUP, INC.
60 Lake Street, Unit 1E • Burlington, Vermont 05401
TEL 802.383.0118 • FAX 802.383.0122 • www.rsginc.com

Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

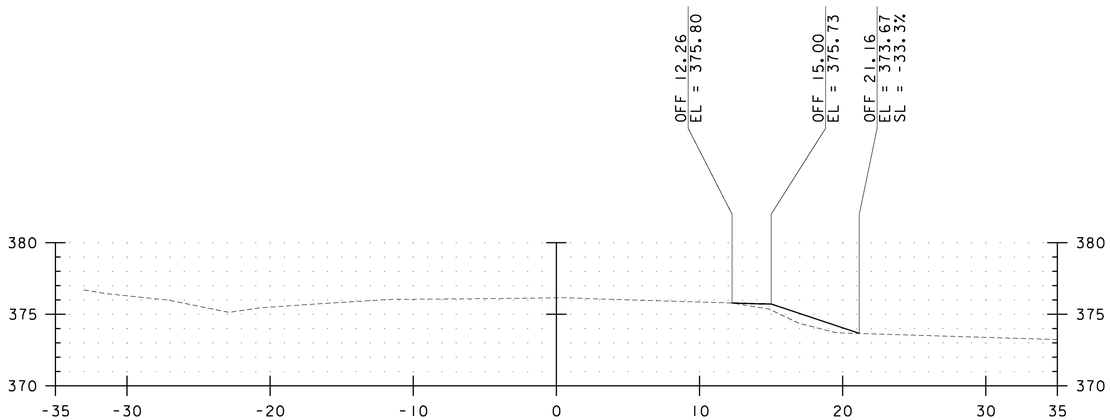
FILE NAME: Z08F122BDR XS.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
CROSS SECTION SHEET 40

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 123 OF 133



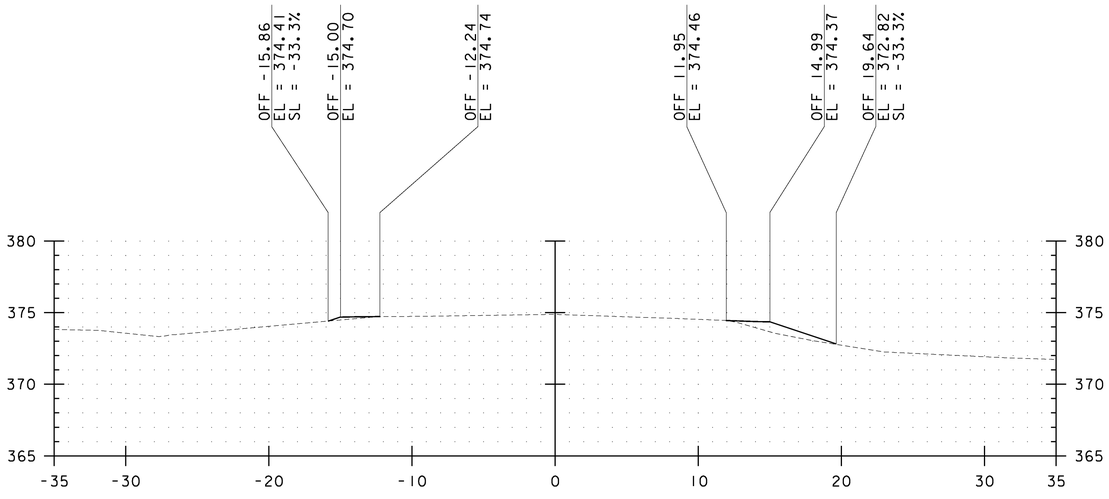
E.G. = 374.95

0+50



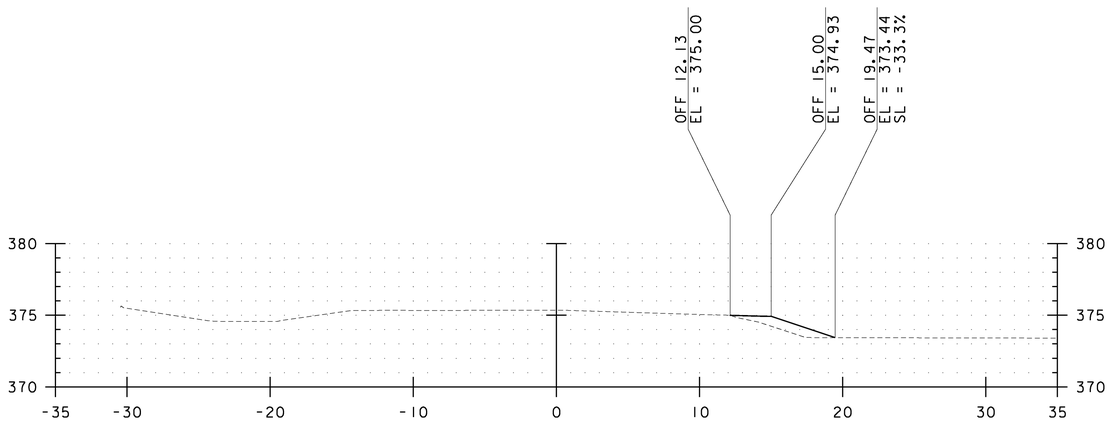
E.G. = 376.16

1+50



E.G. = 374.88

335+75



E.G. = 375.36

1+00

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE:
1" = 10' HORIZONTAL
1" = 10' VERTICAL

CROSS SLOPE SHALL MATCH EXISTING

ALL SIDESLOPES SHALL BE CONSTRUCTED TO A 1:3 MAXIMUM GRADE UNLESS SPECIFICALLY NOTED OTHERWISE

NO.	DATE	REVISIONS	BY	CK'D

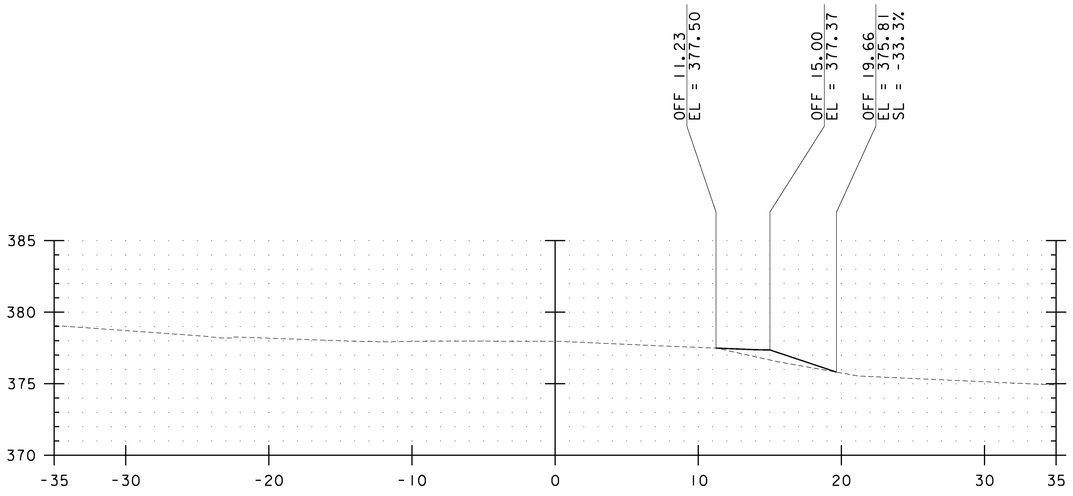
RSG INC.
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60 Lake Street, Unit 1E • Burlington, Vermont 05401
TEL 802.383.0118 • FAX 802.383.0122 • www.rsginc.com

Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

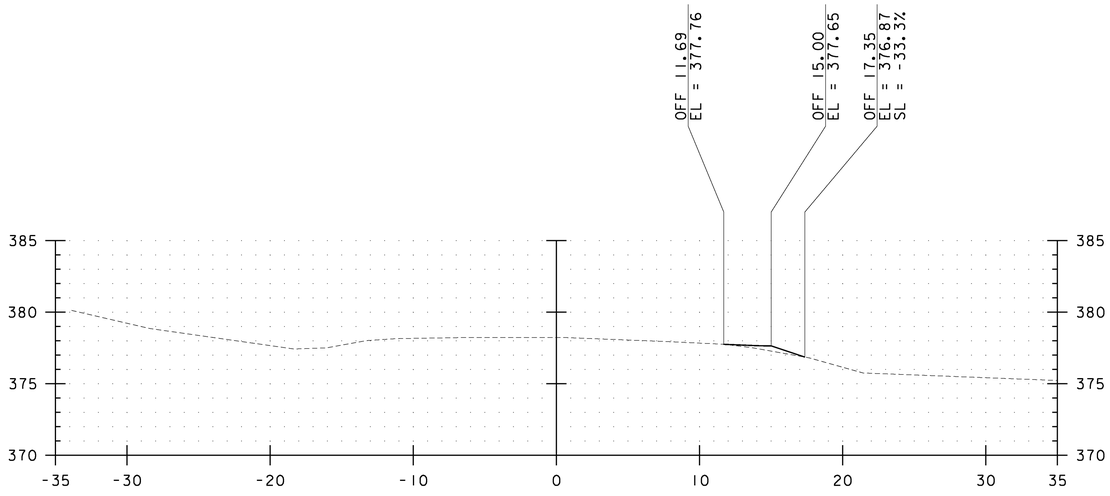
FILE NAME: Z08F122BDR XS.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
CROSS SECTION SHEET 41

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 124 OF 133



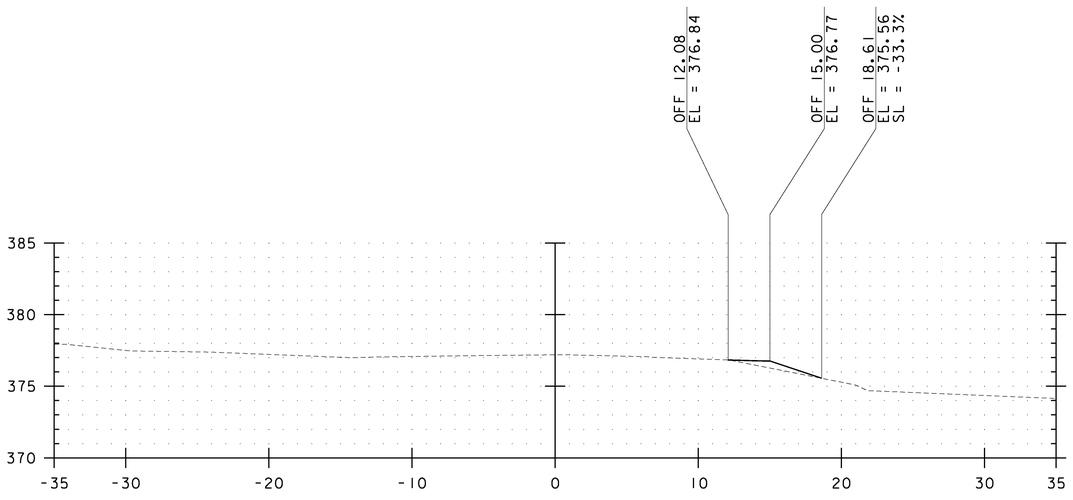
E.G. = 377.96

2+50



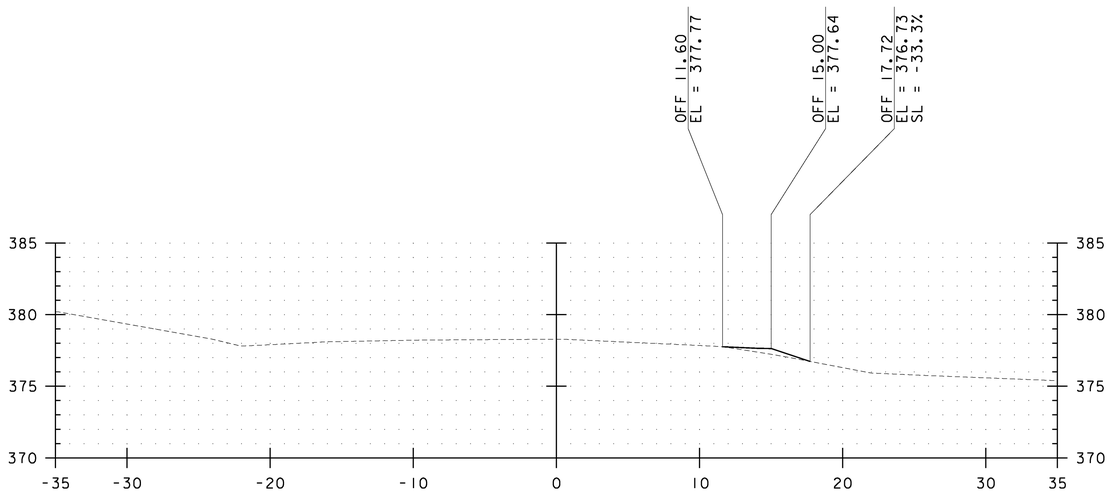
E.G. = 378.24

3+50



E.G. = 377.20

2+00



E.G. = 378.29

3+00

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE:
1" = 10' HORIZONTAL
1" = 10' VERTICAL

CROSS SLOPE SHALL MATCH EXISTING

ALL SIDESLOPES SHALL BE CONSTRUCTED TO A 1:3 MAXIMUM GRADE UNLESS SPECIFICALLY NOTED OTHERWISE

NO.	DATE	REVISIONS	BY	CK'D

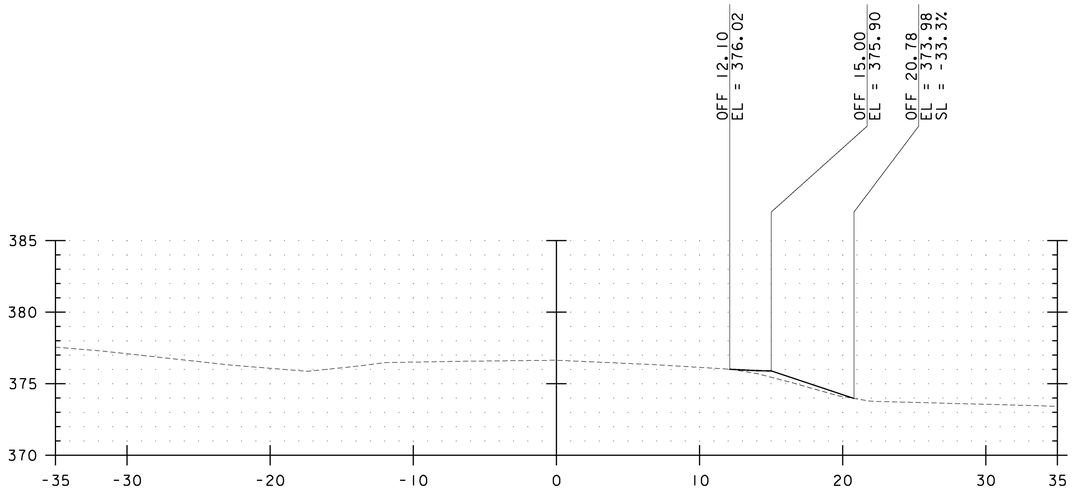
RSG INC.
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TEL 802.383.0118 • FAX 802.383.0122 • www.rsginc.com

Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

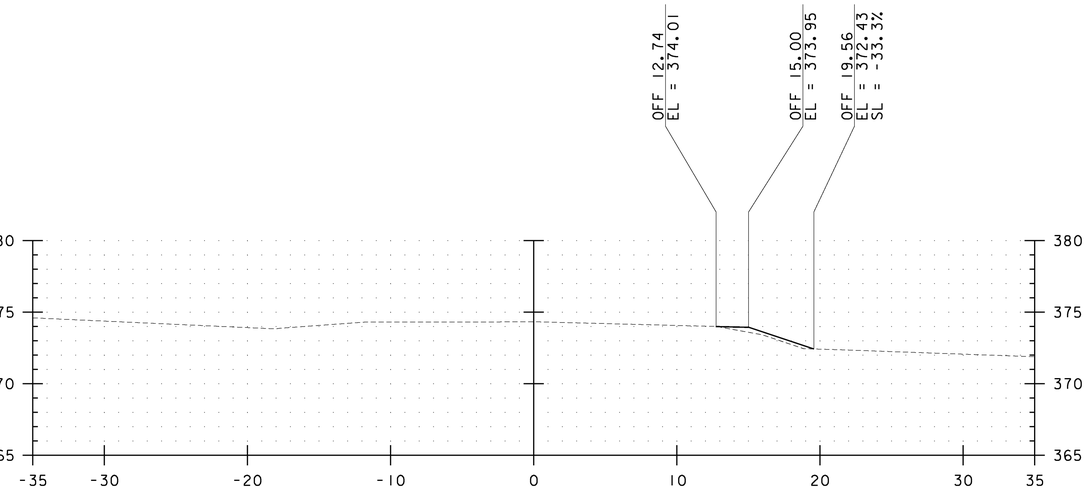
FILE NAME: Z08F122BDR XS.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
CROSS SECTION SHEET 42

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 125 OF 133



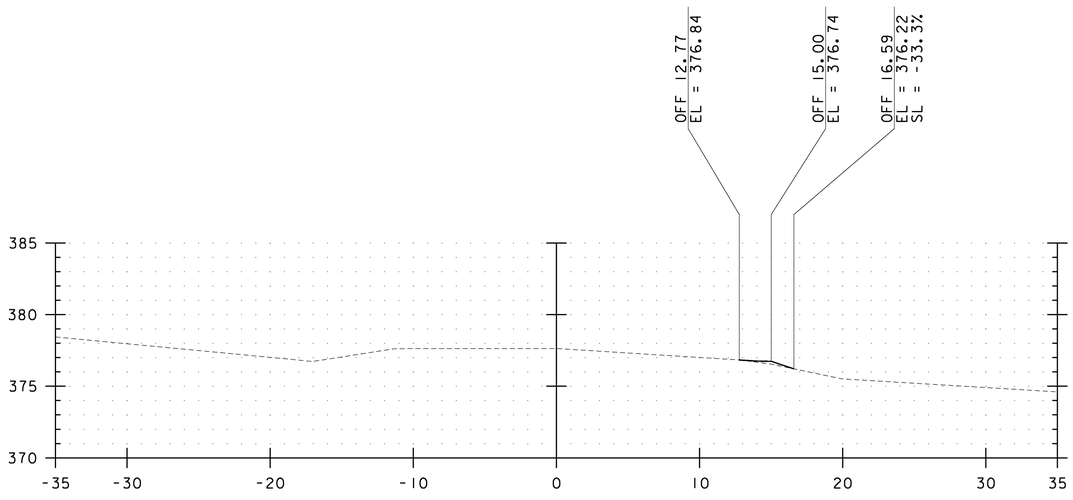
E.G. = 376.65

4+50



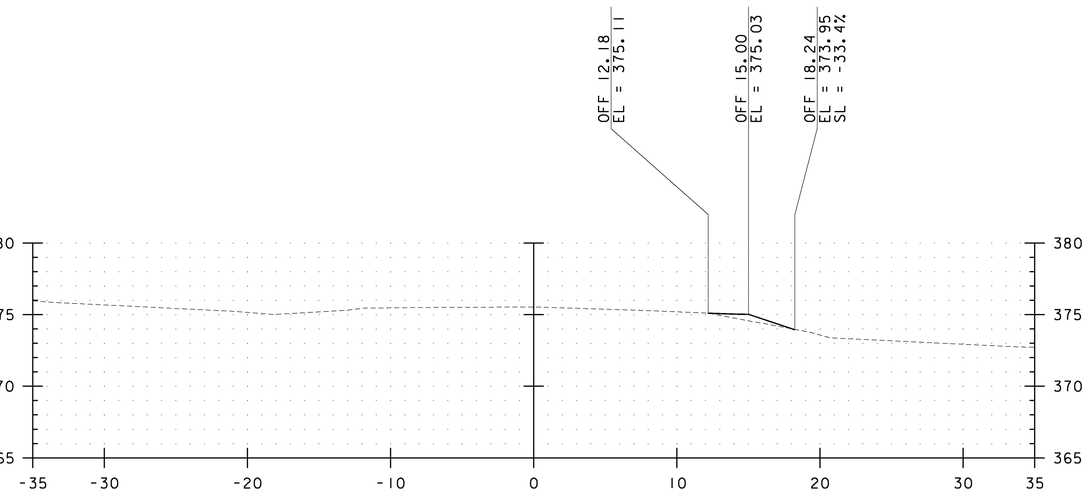
E.G. = 374.33

5+50



E.G. = 377.63

4+00



E.G. = 375.53

5+00

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE:
1" = 10' HORIZONTAL
1" = 10' VERTICAL

CROSS SLOPE SHALL MATCH EXISTING

ALL SIDESLOPES SHALL BE CONSTRUCTED TO A 1:3 MAXIMUM GRADE UNLESS SPECIFICALLY NOTED OTHERWISE

NO.	DATE	REVISIONS	BY	CK'D

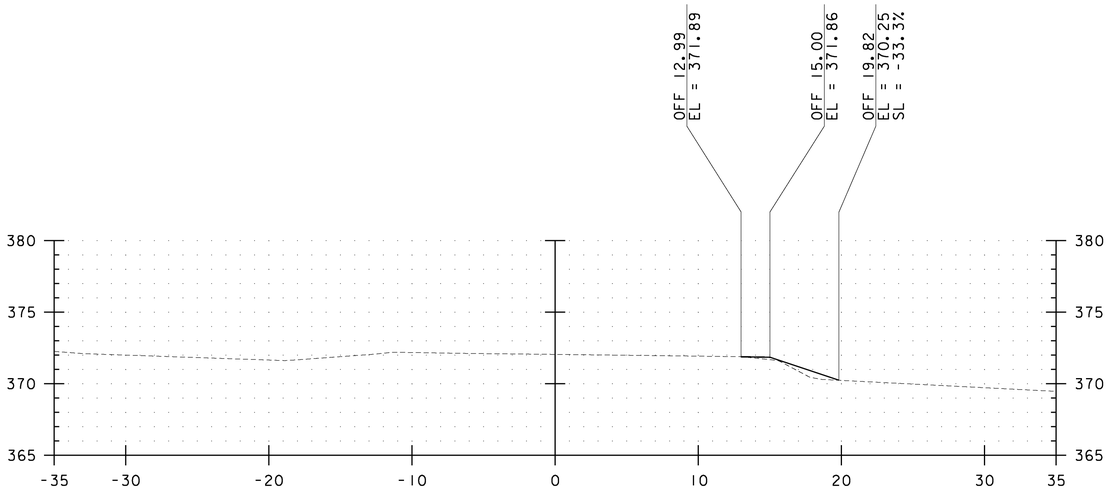
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Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

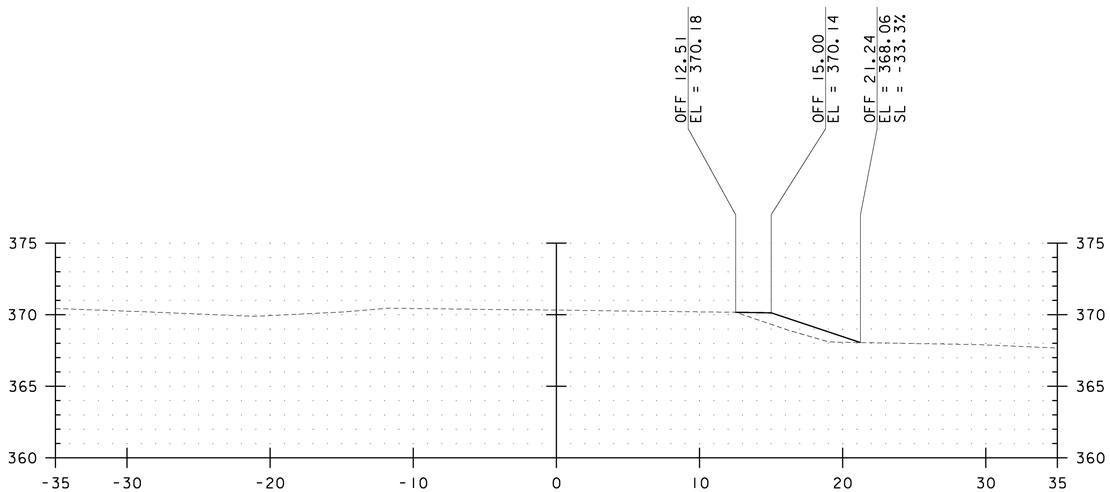
FILE NAME: Z08F122BDR XS.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
CROSS SECTION SHEET 43

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 126 OF 133



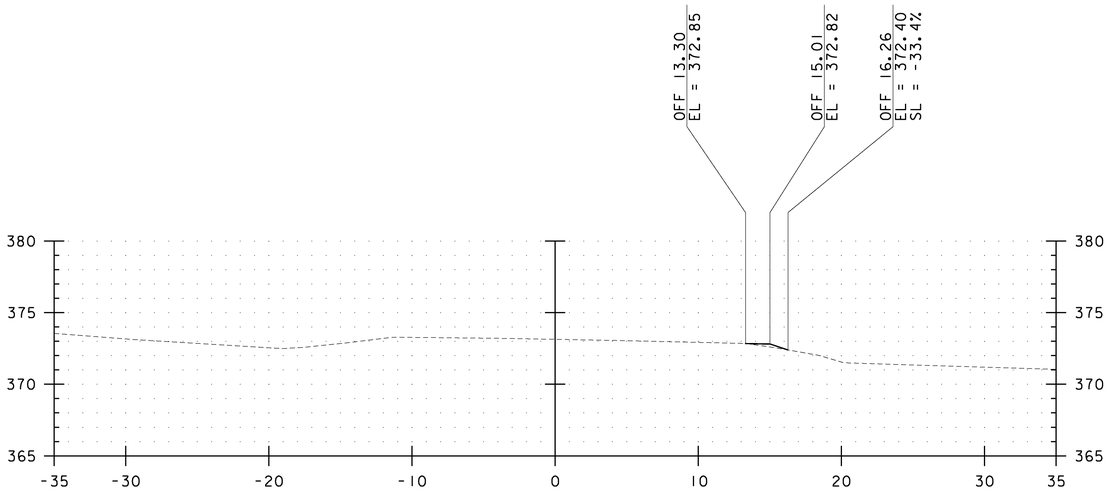
E.G. = 372.05

6+50



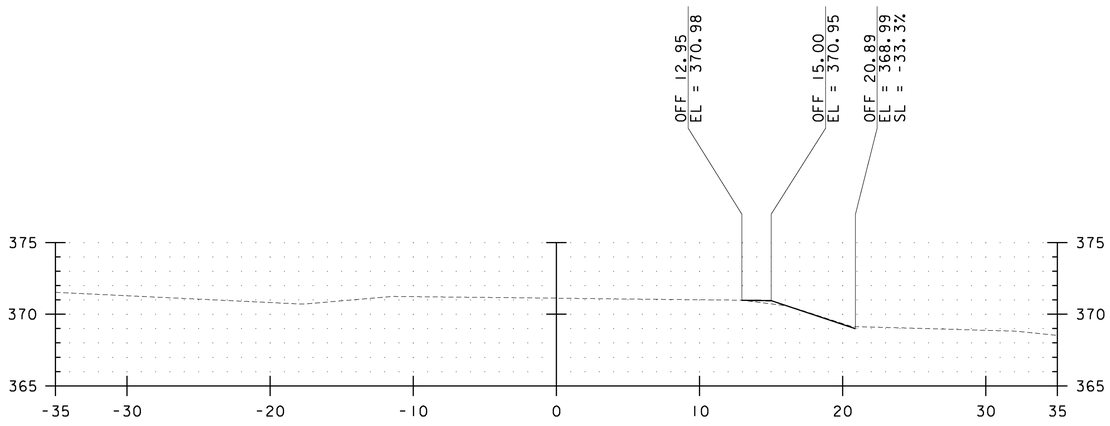
E.G. = 370.34

7+50



E.G. = 373.14

6+00



E.G. = 371.13

7+00

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE:
1" = 10' HORIZONTAL
1" = 10' VERTICAL

CROSS SLOPE SHALL MATCH EXISTING

ALL SIDESLOPES SHALL BE CONSTRUCTED TO A 1:3 MAXIMUM GRADE UNLESS SPECIFICALLY NOTED OTHERWISE

NO.	DATE	REVISIONS	BY	CK'D

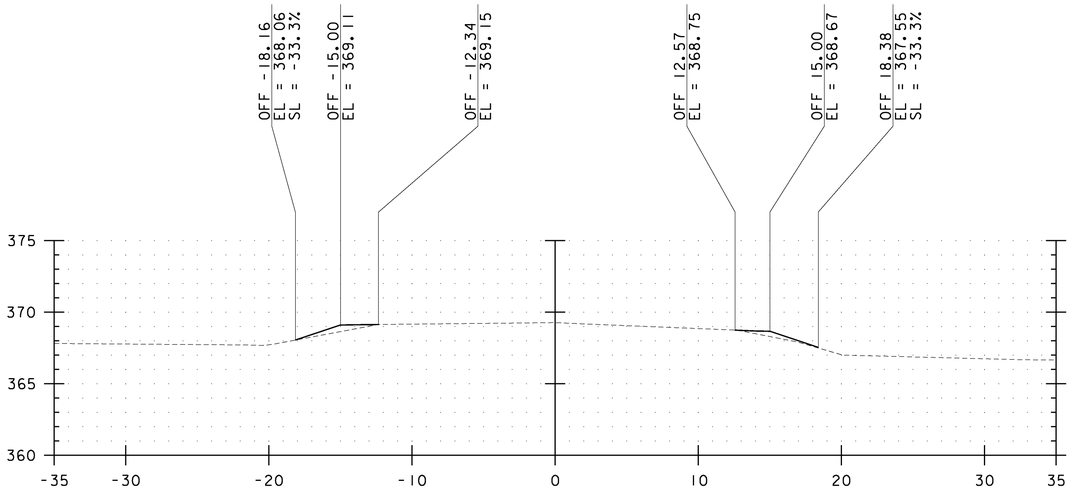
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Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

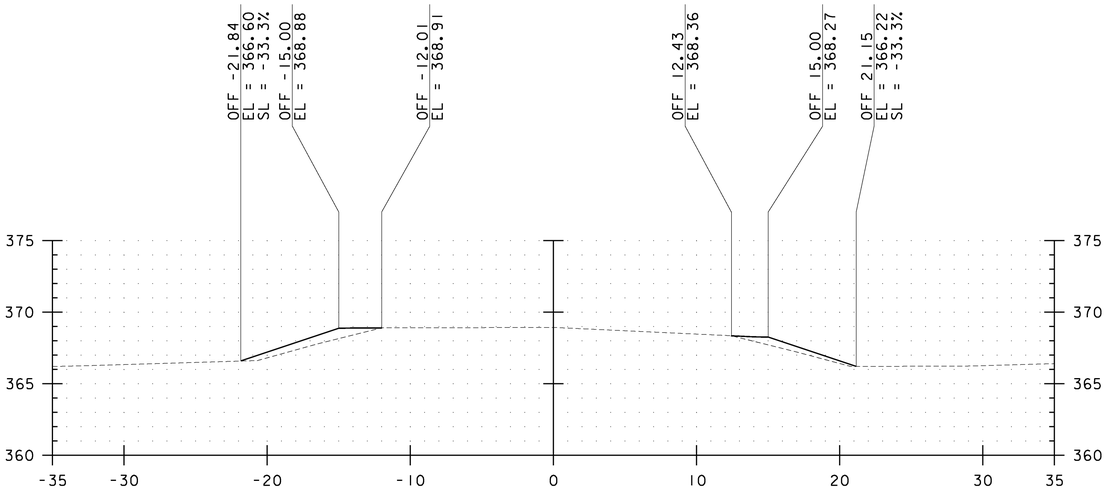
FILE NAME: Z08F122BDR XS.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
CROSS SECTION SHEET 44

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 127 OF 133



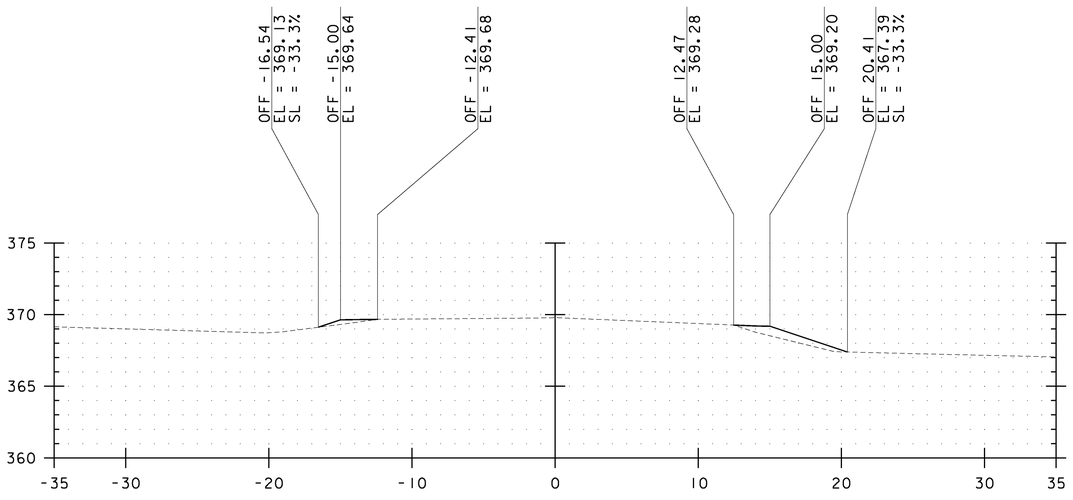
E.G. = 369.28

8+50



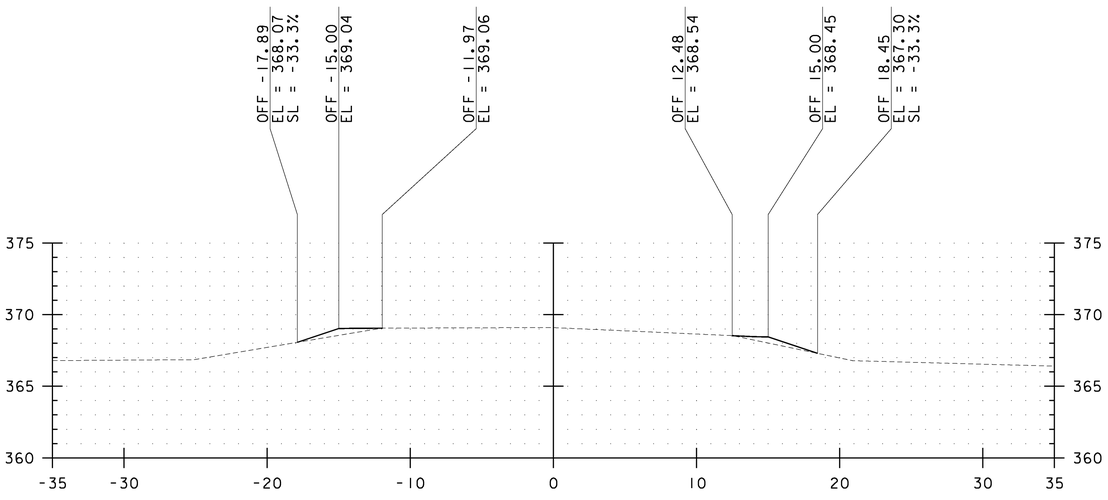
E.G. = 368.94

9+50



E.G. = 369.79

8+00



E.G. = 369.10

9+00

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE:
1" = 10' HORIZONTAL
1" = 10' VERTICAL

CROSS SLOPE SHALL MATCH EXISTING

ALL SIDESLOPES SHALL BE CONSTRUCTED TO A 1:3 MAXIMUM GRADE UNLESS SPECIFICALLY NOTED OTHERWISE

NO.	DATE	REVISIONS	BY	CK'D

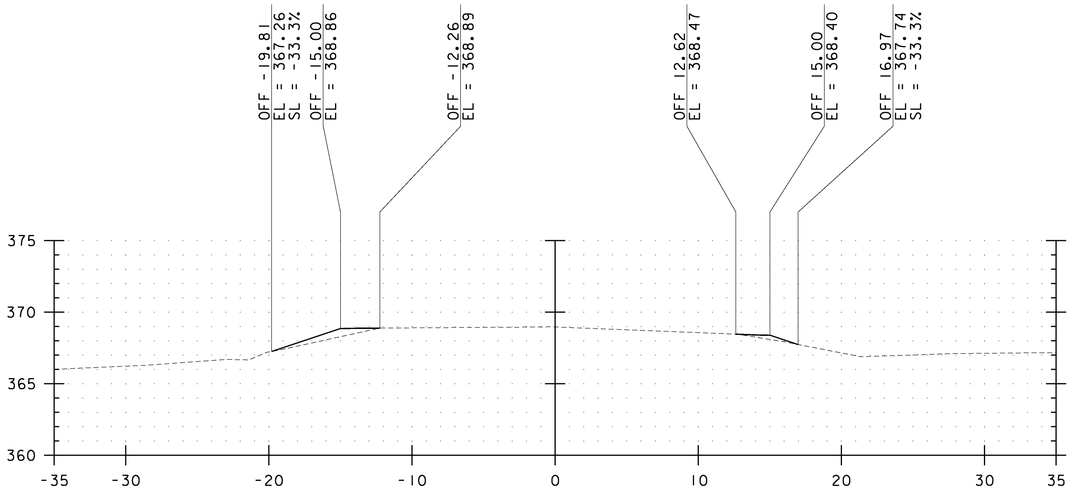
RSG INC.
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Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

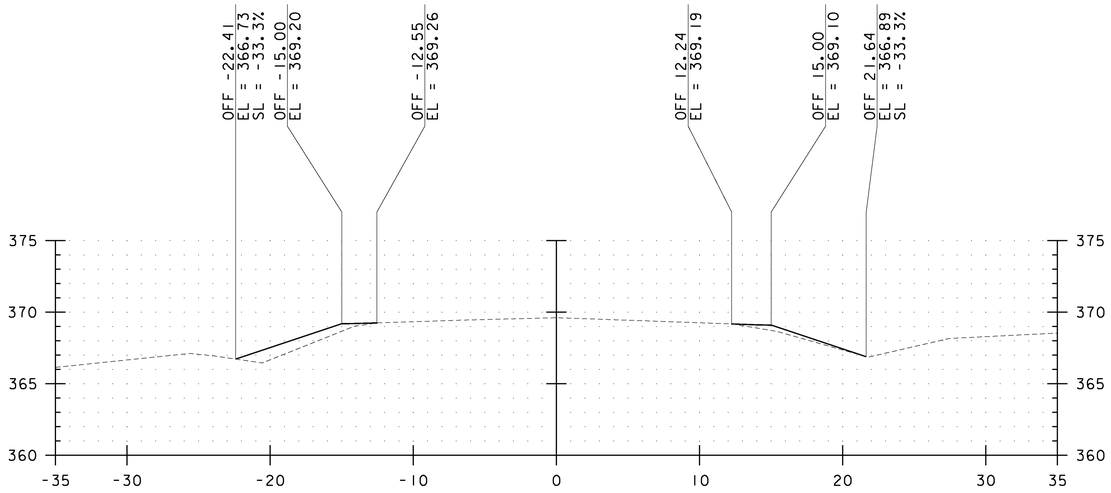
FILE NAME: Z08F122BDR XS.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
CROSS SECTION SHEET 45

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 128 OF 133



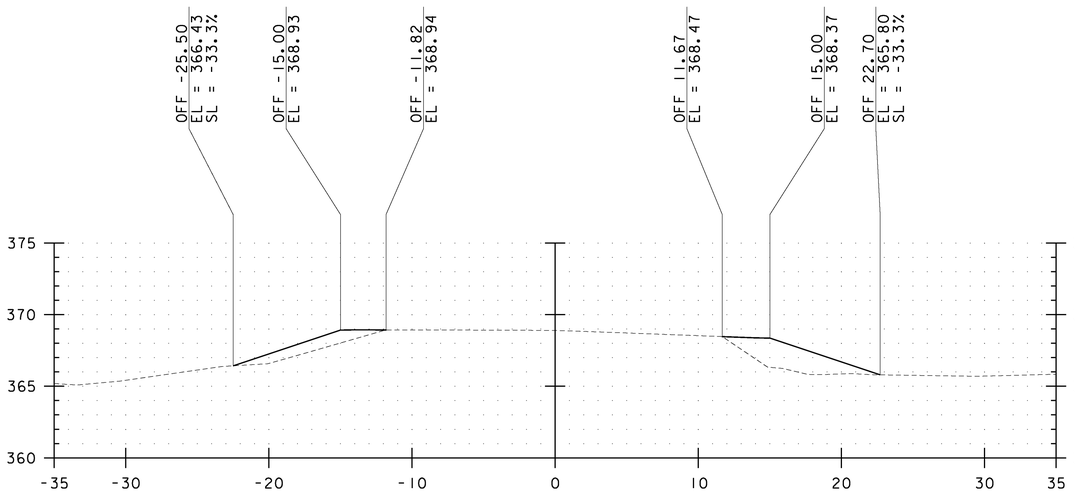
E.G. = 368.97

10+50



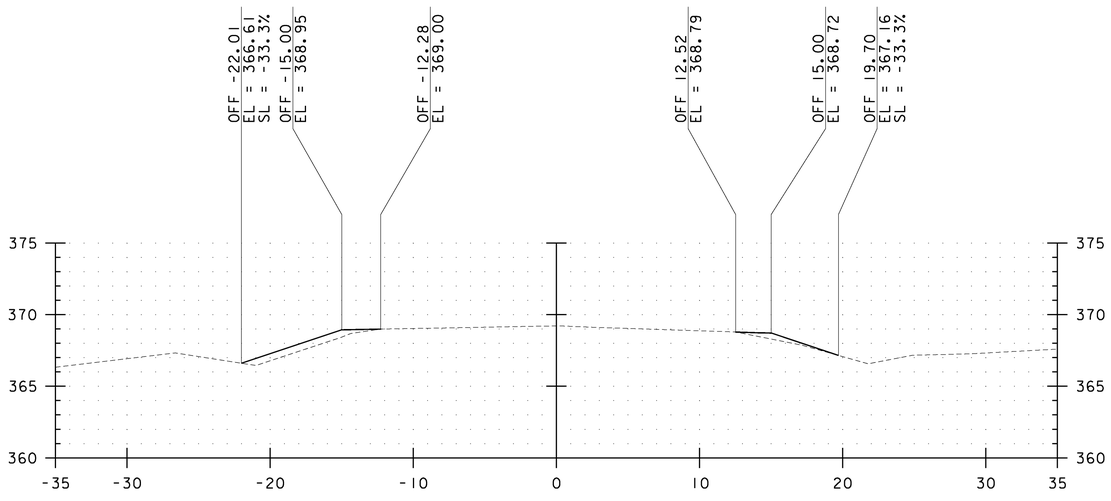
E.G. = 369.62

11+50



E.G. = 368.90

10+00



E.G. = 369.21

11+00

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE:
1" = 10' HORIZONTAL
1" = 10' VERTICAL

CROSS SLOPE SHALL MATCH EXISTING

ALL SIDESLOPES SHALL BE CONSTRUCTED TO A 1:3 MAXIMUM GRADE UNLESS SPECIFICALLY NOTED OTHERWISE

NO.	DATE	REVISIONS	BY	CK'D

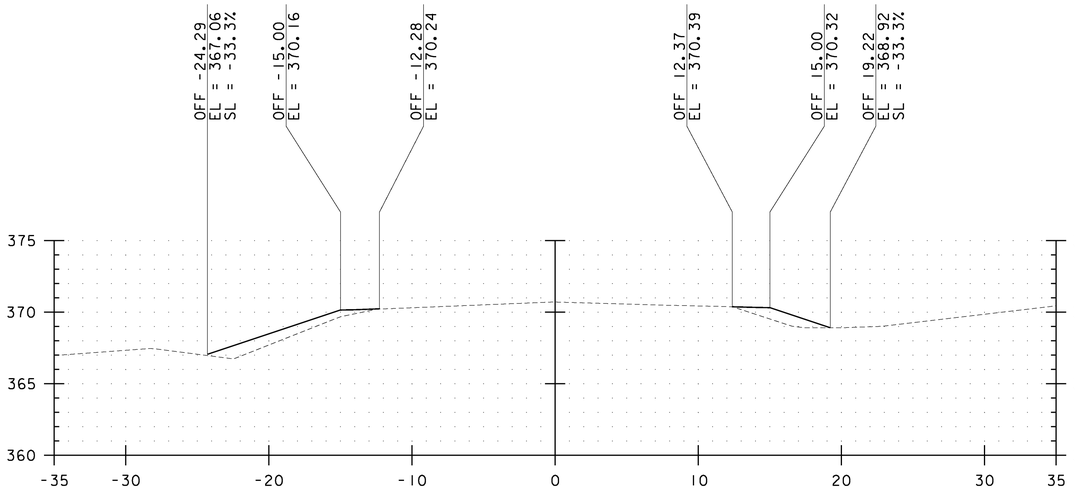
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TEL 802.383.0118 • FAX 802.383.0122 • www.rsginc.com

Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

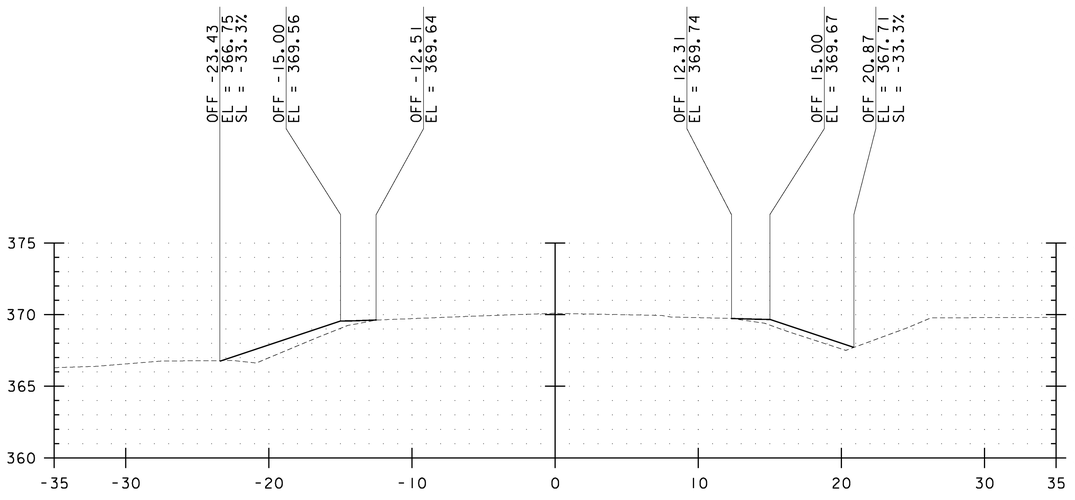
FILE NAME: Z08F122BDR XS.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
CROSS SECTION SHEET 46

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 129 OF 133



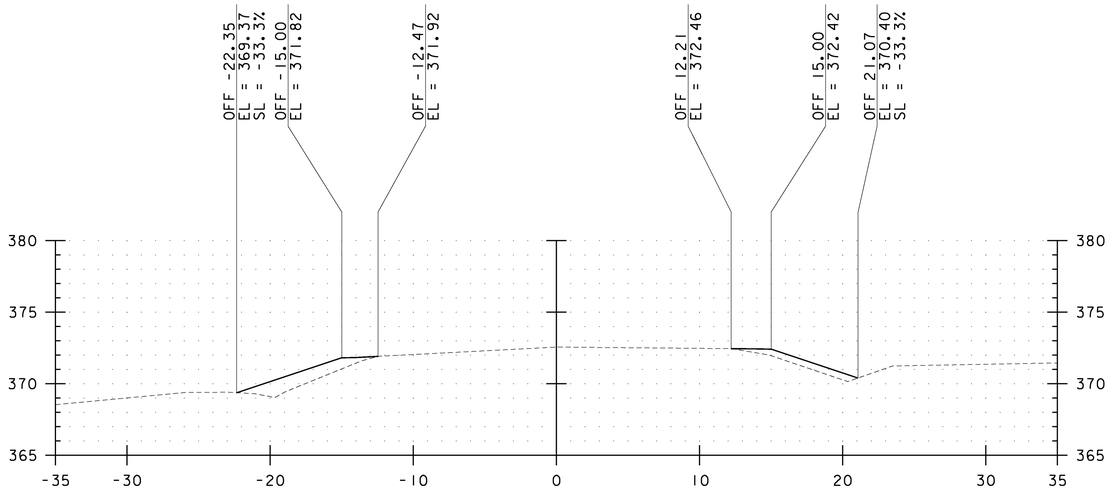
E.G. = 370.71

12+50



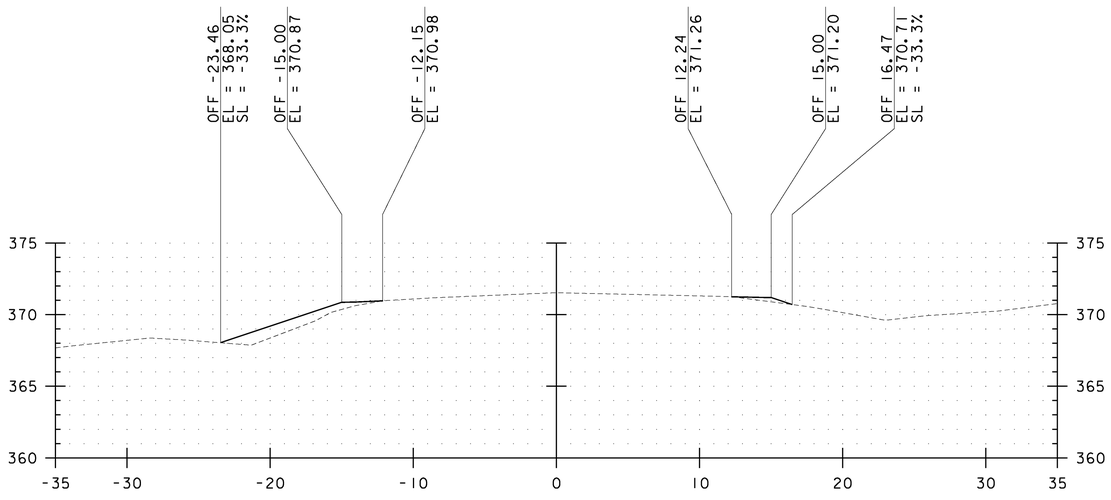
E.G. = 370.10

12+00



E.G. = 372.56

13+50



E.G. = 371.54

13+00

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE:
1" = 10' HORIZONTAL
1" = 10' VERTICAL

CROSS SLOPE SHALL MATCH EXISTING

ALL SIDESLOPES SHALL BE CONSTRUCTED TO A 1:3 MAXIMUM GRADE UNLESS SPECIFICALLY NOTED OTHERWISE

NO.	DATE	REVISIONS	BY	CK'D

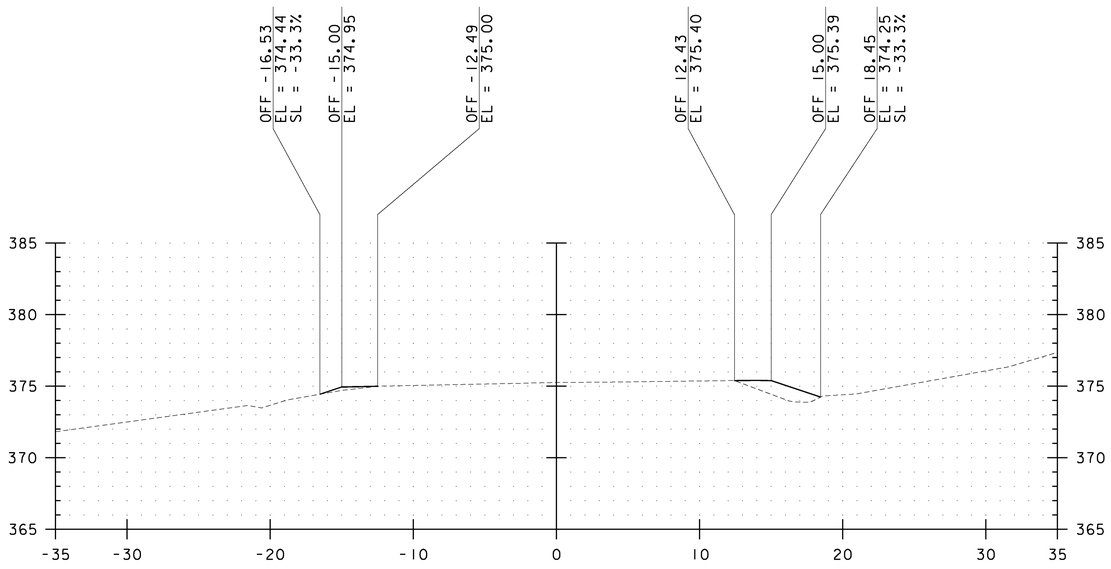
RSG INC.
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TEL 802.383.0118 • FAX 802.383.0122 • www.rsginc.com

Cornwall, Vermont
1961

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

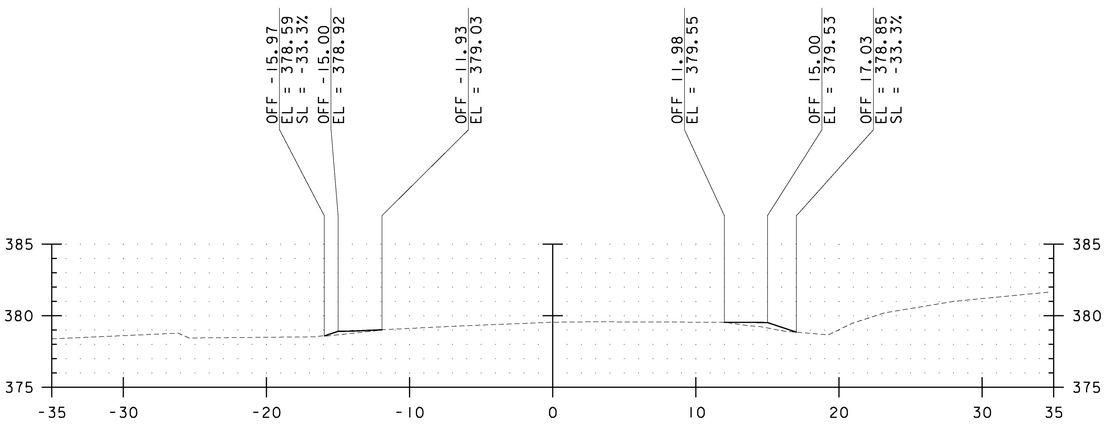
FILE NAME: Z08F122BDR XS.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
CROSS SECTION SHEET 47

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 130 OF 133



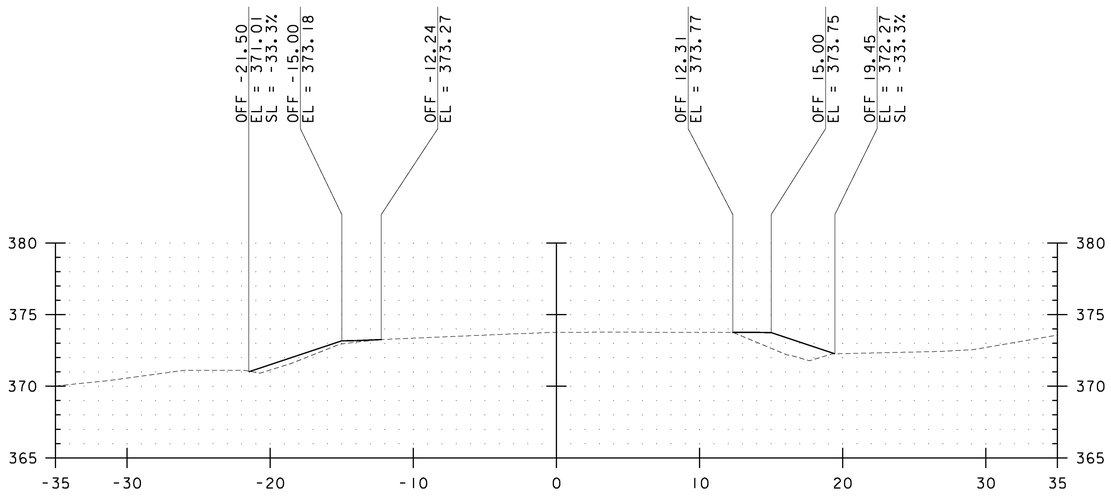
E.G. = 375.26

14+50



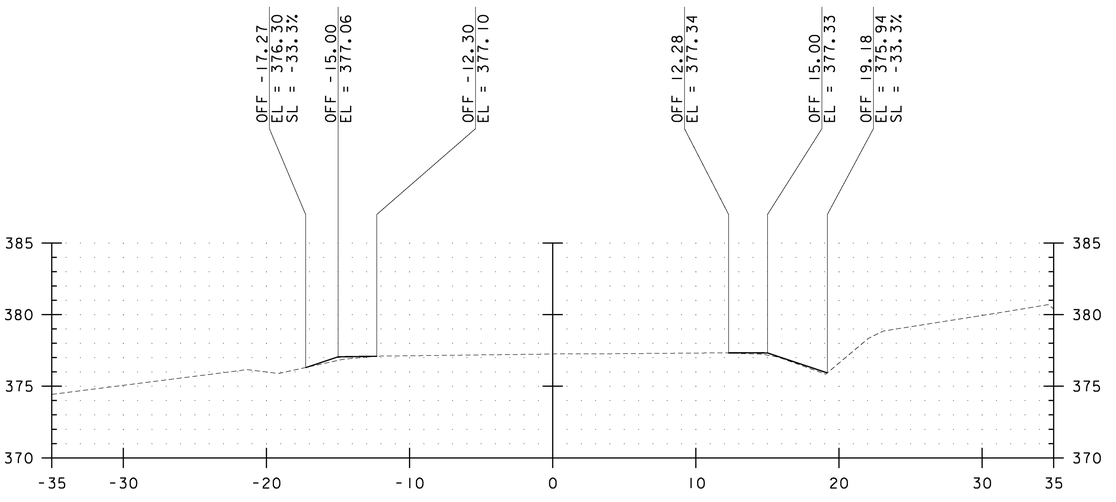
E.G. = 379.55

15+50



E.G. = 373.77

14+00



E.G. = 377.26

15+00

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE:
1" = 10' HORIZONTAL
1" = 10' VERTICAL

CROSS SLOPE SHALL MATCH EXISTING

ALL SIDESLOPES SHALL BE CONSTRUCTED TO A 1:3 MAXIMUM GRADE UNLESS SPECIFICALLY NOTED OTHERWISE

NO.	DATE	REVISIONS	BY	CK'D

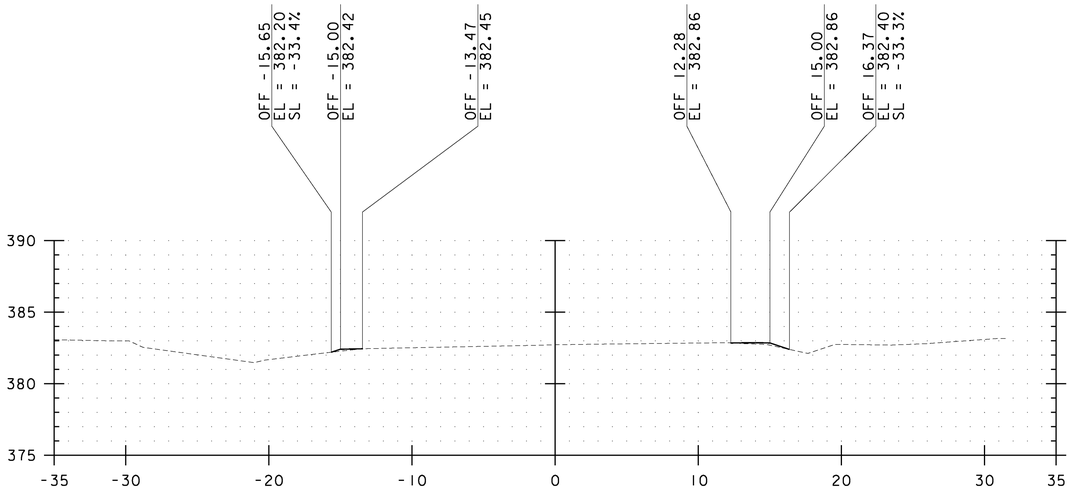
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TEL 802.383.0118 • FAX 802.383.0122 • www.rsginc.com

Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

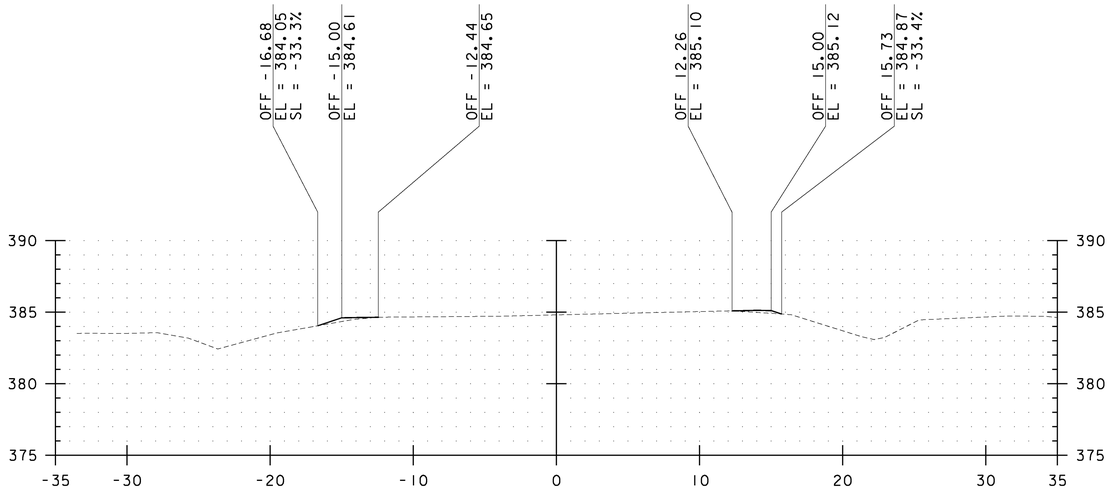
FILE NAME: Z08F122BDR XS.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
CROSS SECTION SHEET 48

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 131 OF 133



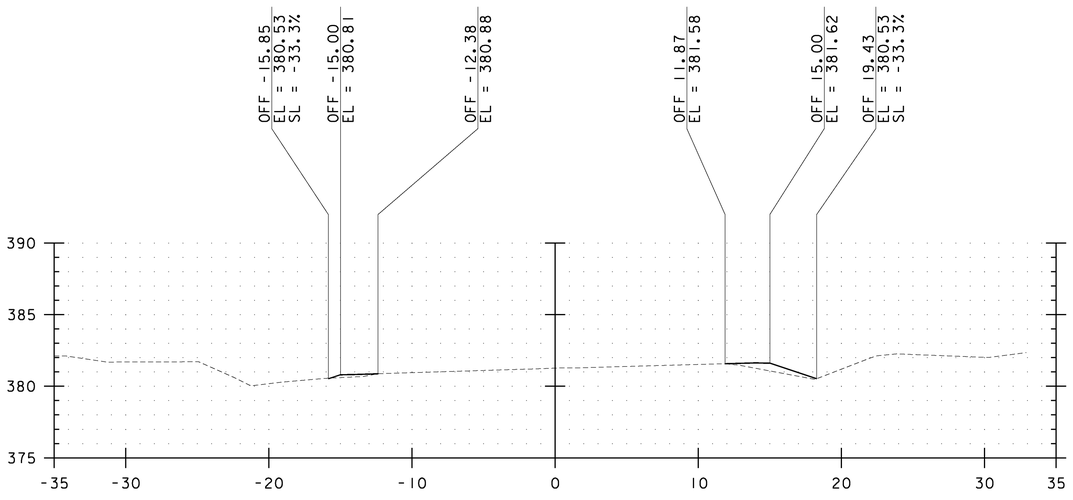
E.G. = 382.72

16+50



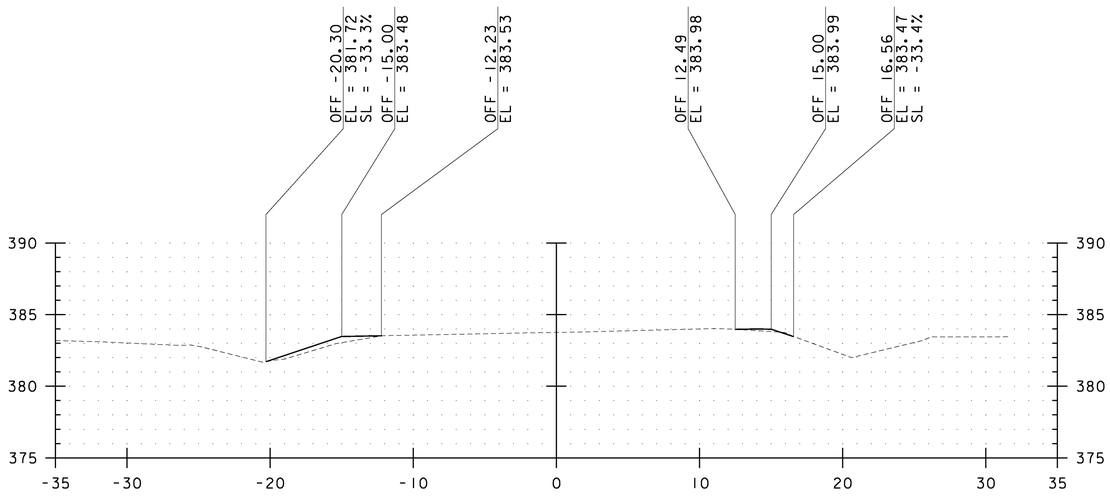
E.G. = 384.82

17+50



E.G. = 381.27

16+00



E.G. = 383.76

17+00

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

SCALE:
1" = 10' HORIZONTAL
1" = 10' VERTICAL

CROSS SLOPE SHALL MATCH EXISTING

ALL SIDESLOPES SHALL BE CONSTRUCTED TO A 1:3 MAXIMUM GRADE UNLESS SPECIFICALLY NOTED OTHERWISE

NO.	DATE	REVISIONS	BY	CK'D

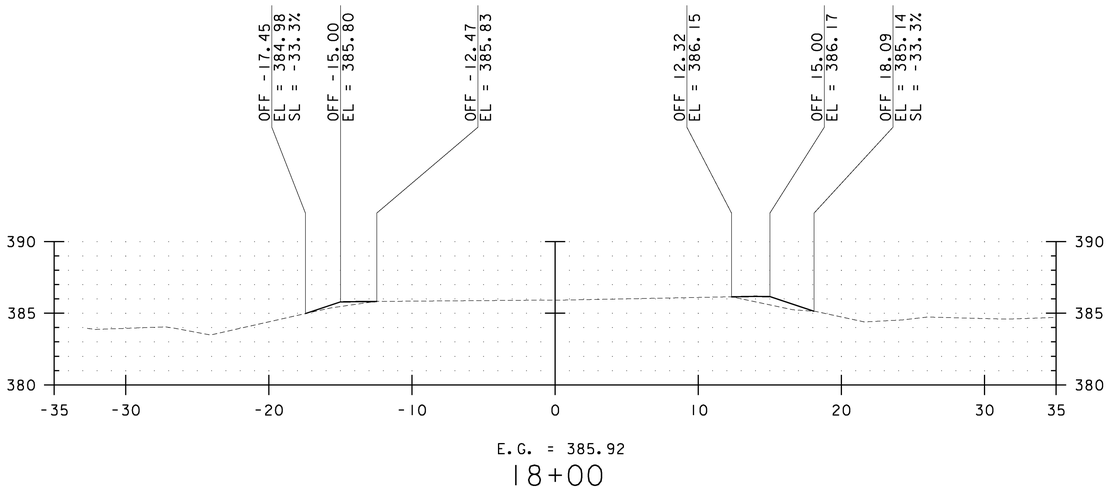
RSG INC.
RESOURCE SYSTEMS GROUP, INC.
60 Lake Street, Unit 1E • Burlington, Vermont 05401
TEL 802.383.0118 • FAX 802.383.0122 • www.rsginc.com

Cornwall, Vermont

PROJECT NAME: CORNWALL - MIDDLEBURY
PROJECT NUMBER: STP EH08(13)

FILE NAME: Z08F122BDR XS.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
CROSS SECTION SHEET 49

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 132 OF 133



18+00

SCALE:
1" = 10' HORIZONTAL
1" = 10' VERTICAL

CROSS SLOPE SHALL MATCH EXISTING

ALL SIDESLOPES SHALL BE CONSTRUCTED TO A 1:3 MAXIMUM GRADE UNLESS SPECIFICALLY NOTED OTHERWISE

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

NO.	DATE	REVISIONS	BY	CK'D

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PROJECT NUMBER: STP EH08(13)

FILE NAME: Z08F122BDR XS.DGN
PROJECT LEADER: MS
DESIGNED BY: CM
CROSS SECTION SHEET 50

PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 133 OF 133