

SHEET NUMBER	DESCRIPTION	SHEET
1	TITLE SHEET	-
2	TYPICAL SECTIONS	TYP-1
*	TIE SHEET	TIE-1
*	QUANTITY SHEET	QTY-1
3	CONSTRUCTION PLAN	CP-1
4	PROFILE SHEET	PROF-1
5	CROSS SECTIONS	XS-1

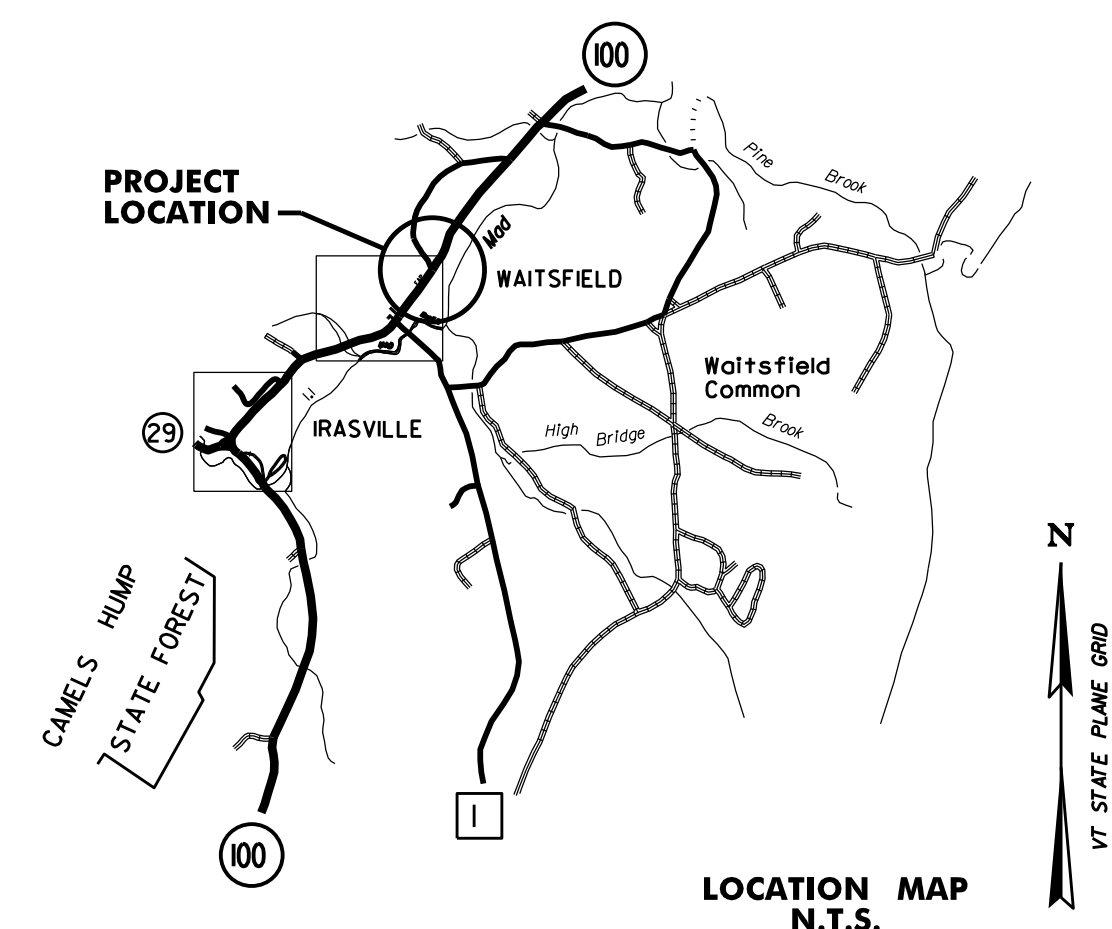
*NOT INCLUDED WITH THIS SUBMITTAL

VTRANS STANDARDS FOR CONSTRUCTION

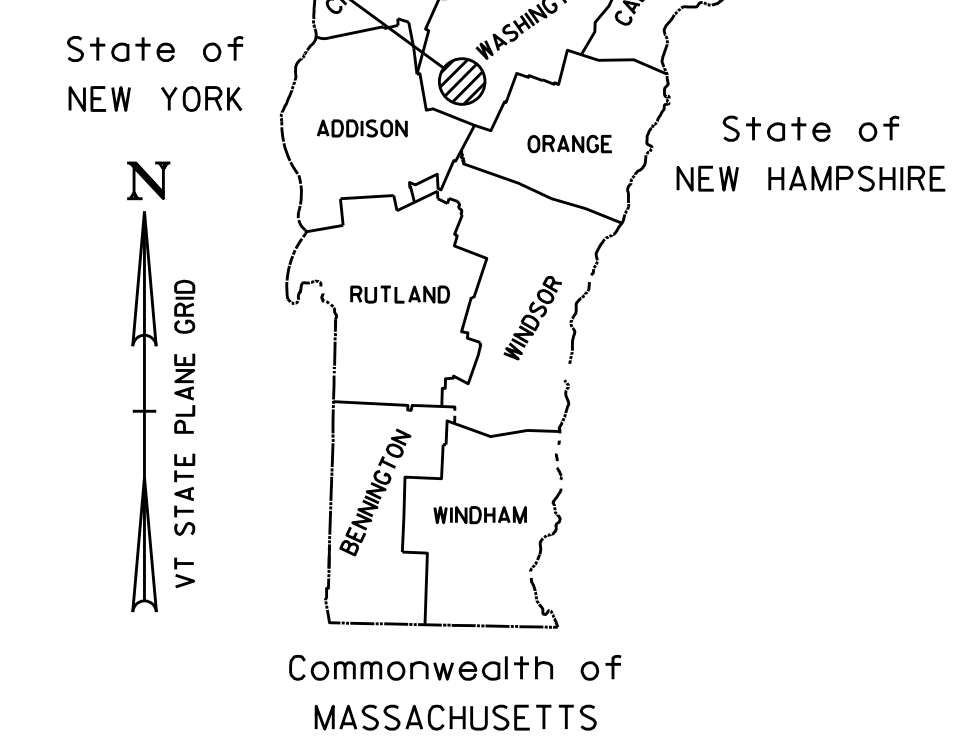
B-12	SIDEROAD INTERSECTION SHOWING DEPRESSED RAMP	06/01/94
C-2A	PORTLAND CEMENT CONCRETE SIDEWALK DRIVE ENTRANCES WITH SIDEWALK ADJACENT TO CURB	10/14/05
C-3A	SIDEWALK RAMPS	03/10/08
C-3B	SIDEWALK RAMPS AND MEDIAN ISLANDS	03/10/08
E-100	CONSTRUCTION APPROACH SIGNS	01/02/04
E-100A	SIDE ROAD CONSTRUCTION - APPROACH SIGNS	01/02/04
E-108	CONSTRUCTION ZONE LONGITUDINAL DROP OFFS	06/08/09
E-111	MINOR MAINTENANCE OPERATIONS	03/11/97
E-120	STANDARD SIGN PLACEMENT - EXPRESSWAY & FREEWAY	08/08/95
E-121	STANDARD SIGN PLACEMENT - CONVENTIONAL ROAD	08/08/95
E-162	TUBULAR ALUMINUM SIGN POST	05/20/99
E-163	TUBULAR STEEL SIGN POST	05/20/99
E-164	SQUARE STEEL SIGN POST	06/08/09

WAITSFIELD INTERSECTION IMPROVEMENTS OLD COUNTY ROAD LOCAL ROAD STP SRIN(34)

THIS OVERALL PROJECT CONSISTS OF SAFETY IMPROVEMENTS FOR THE INTERSECTION OF OLD COUNTY ROAD AND VT ROUTE 100 IN THE TOWN OF WAITSFIELD, VERMONT. THE PROJECT WILL INCLUDE RE-ALIGNING OLD COUNTY ROAD TO INTERSECT PERPENDICULAR TO VT ROUTE 100, INSTALLING A CROSSWALK ACROSS VT ROUTE 100, COLD PLANING, SIDEWALK, SUBBASE, PAVING, SIGNAGE AND PAVMENT MARKINGS.



**WAITSFIELD
STP SRIN(34)**

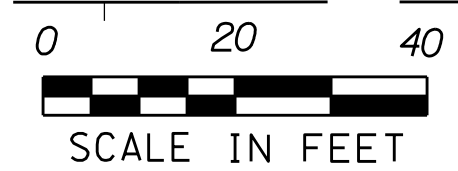
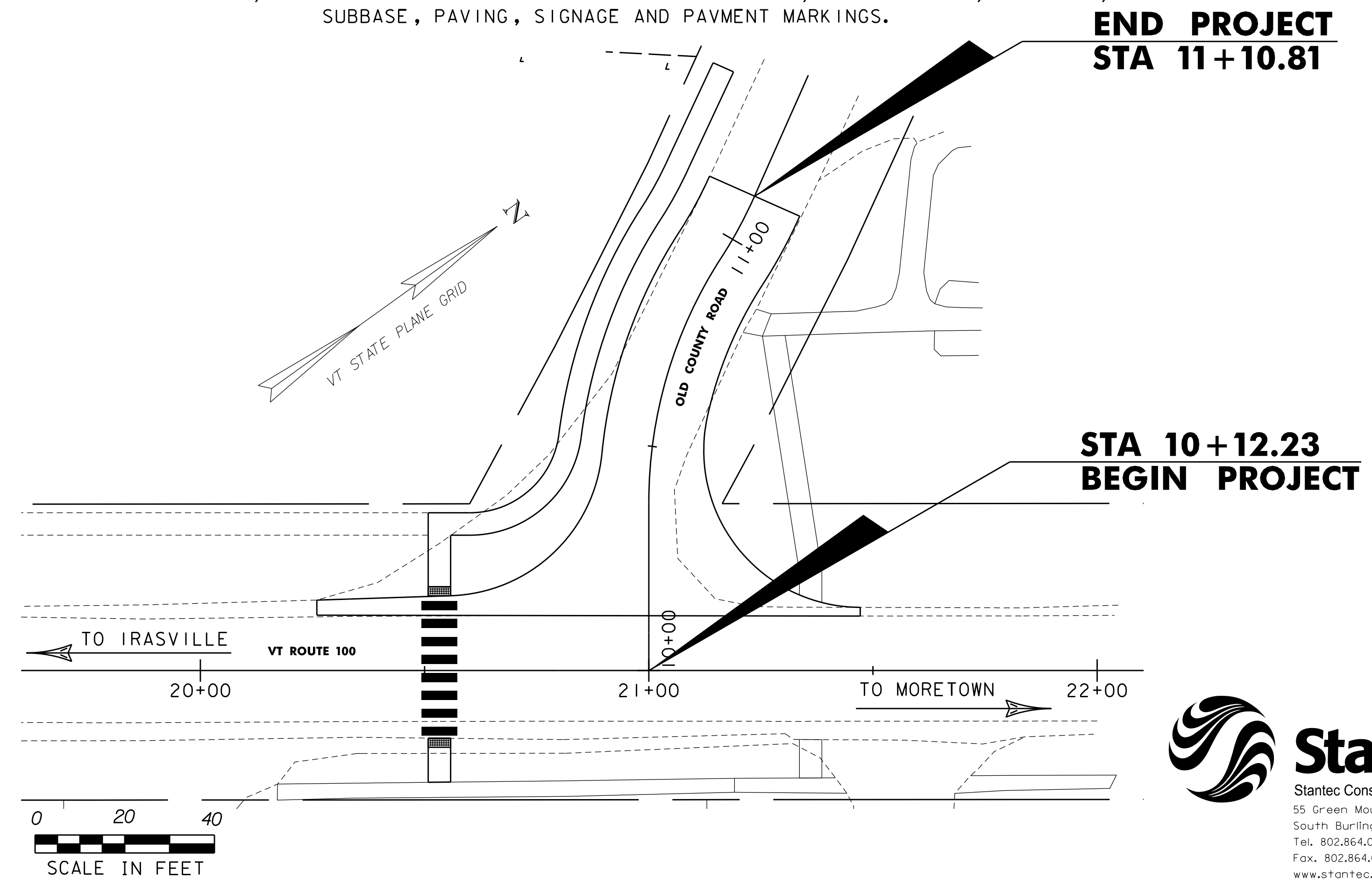


QUALITY ASSURANCE PROGRAM: LEVEL

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	
TOP OF CUT	
TOE OF SLOPE	

SURVEYED BY : VSE
 SURVEYED DATE : MAY 2011
 DATUM
 VERTICAL NAVD 88 (GEO1D09)
 HORIZONTAL NAD83 (CORS)



**END PROJECT
STA 11+10.81**

**STA 10+12.23
BEGIN PROJECT**

**CONCEPTUAL PLANS
JUNE 2011**

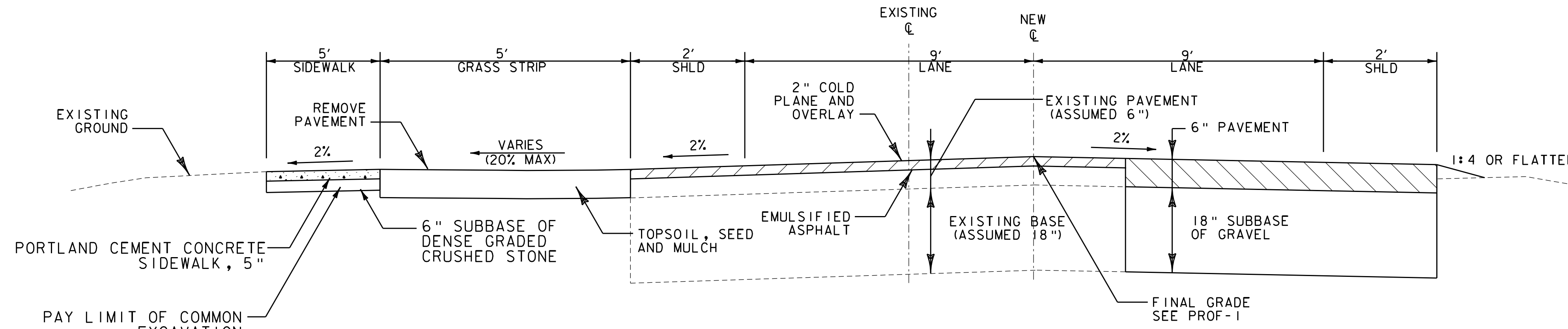
THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE DIRECTOR OF PUBLIC WORKS.

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 _____ DATE _____
PROJECT MANAGER : AIMEE POPE	
PROJECT NAME : WAITSFIELD INTERSECTION	
PROJECT NUMBER : STP SRIN (34)	
SHEET 1 OF 5 SHEETS	

TYPICAL SECTIONS



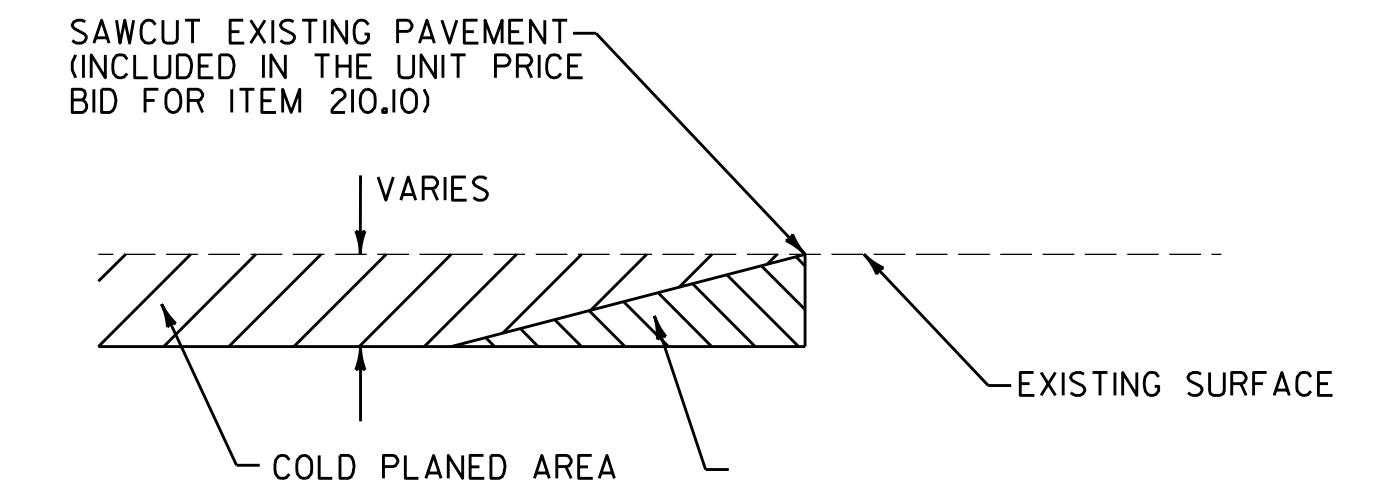
NOTE: EMULSIFIED ASPHALT SHALL BE APPLIED ON EXISTING PAVEMENT SURFACES, BETWEEN ALL COURSES OF PAVEMENT AND ON COLD PLANED SURFACES, AT THE RATE OF 0.025 GAL/SY OR AS DIRECTED BY THE RESIDENT ENGINEER.

TYPICAL SECTION OLD COUNTY ROAD

NOT TO SCALE

MATERIAL ITEM THICKNESS / TOLERANCE

PAVEMENT	+/- 1/4"
SUBBASE OF GRAVEL	+/- 1"



TEMPORARY PAVED FILLET AS DIRECTED BY THE RESIDENT ENGINEER, INCLUDED IN THE UNIT PRICE BID FOR ITEM 406.25.

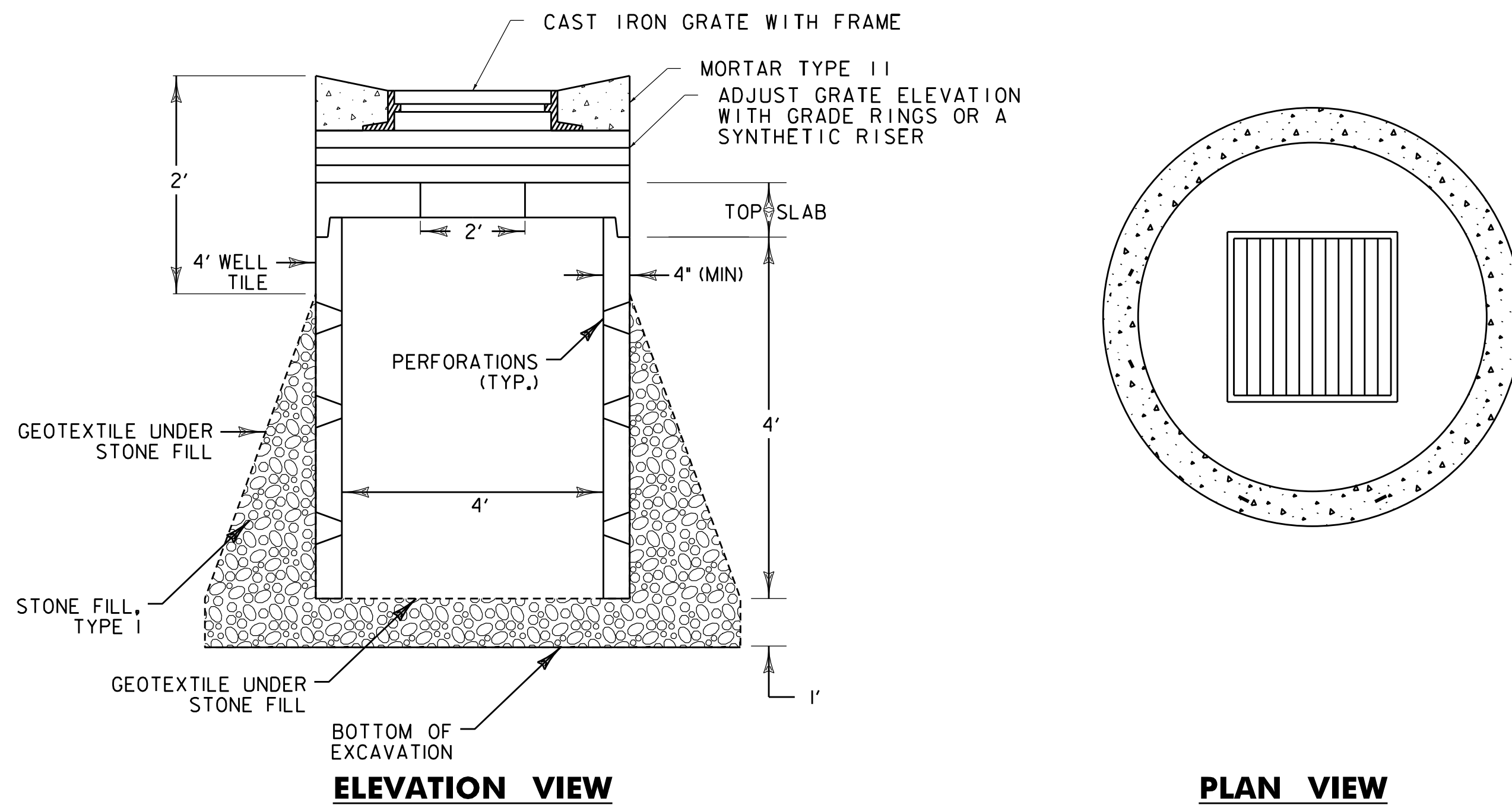
DETAIL AT VERTICAL COLD PLANE JOINTS

NOT TO SCALE

NOTE: THIS DETAIL SHALL BE USED AT THE LOCATIONS LISTED BELOW AS DIRECTED BY THE RESIDENT ENGINEER.

LOCATION

BEGIN PROJECT STA 10+12.23
END PROJECT STA 11+10.81 (FULL WIDTH)

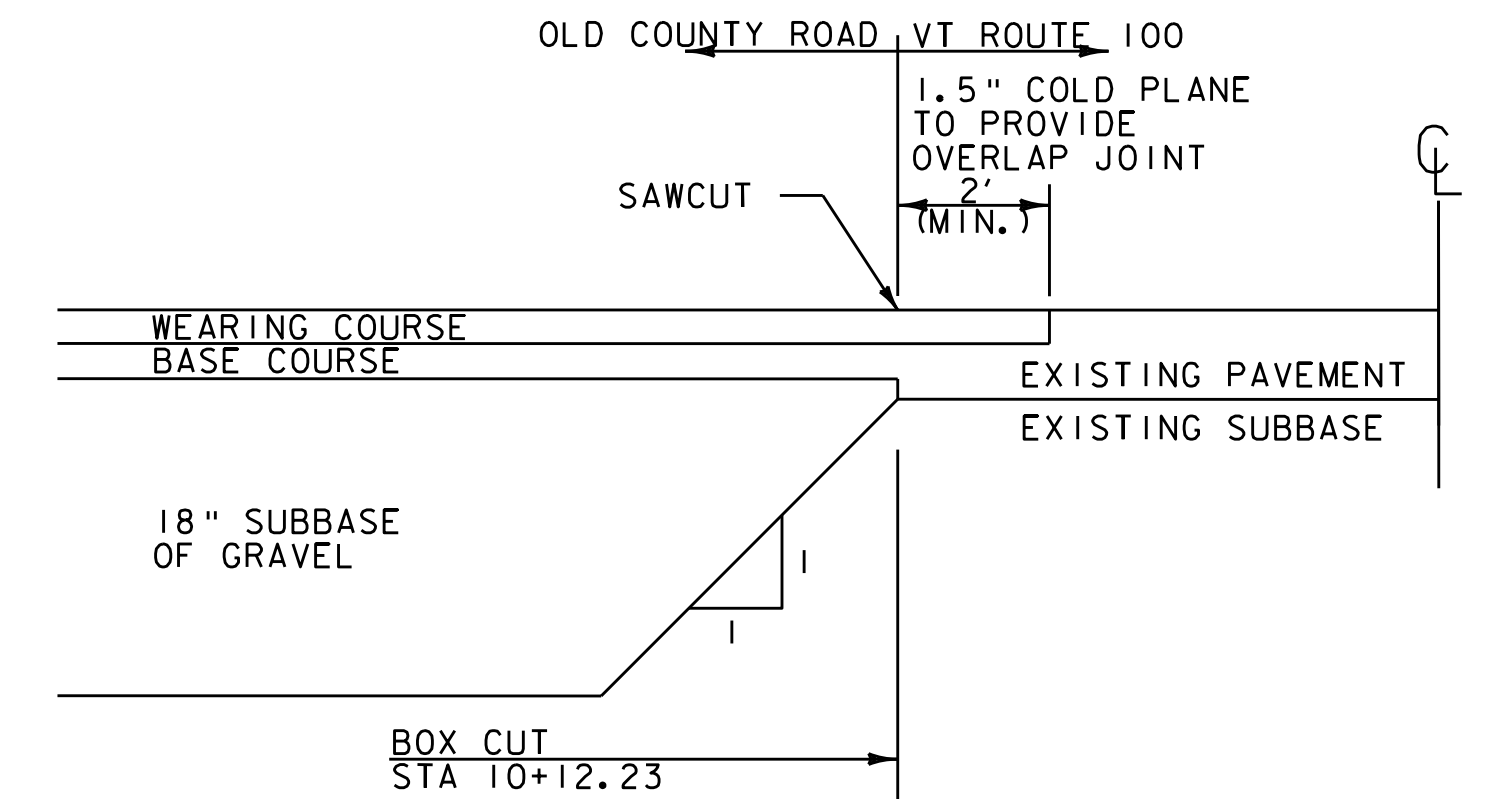


PRECAST CONCRETE DRY WELL DETAIL

NOT TO SCALE

DRYWELL NOTES:

1. PRECAST CONCRETE SECTIONS SHALL CONFORM TO THE STANDARD SPECIFICATIONS AND ASTM C-478.
2. MINIMUM CONCRETE COMPRESSIVE STRENGTH: 4000 PSI AT 28-DAYS.
3. STEEL REINFORCING SHALL CONFORM TO ASTM A185 OR A82 FOR HS25 LOADING.
4. FITTING FRAME TO FINAL GRADE MAY BE DONE WITH A SYNTHETIC RISER OR WITH PRECAST CONCRETE GRADE RINGS OF APPROPRIATE THICKNESS (3 COURSES MAX).
5. PRECAST SECTIONS SHALL HAVE A TONGUE AND GROOVE JOINT AND BE ASSEMBLED USING AN APPROVED SEALANT.
6. PERFORATIONS IN WELL TILE: 18" HORIZONTAL, 12" VERTICAL.
7. STONE FILL SHALL BEGIN 24" BELOW TOP OF STRUCTURE AND END 12" BELOW LAST TILE.
8. PAYMENT FOR ALL WORK ASSOCIATED WITH THE INSTALLATION OF THE DRYWELL SHALL BE MADE UNDER ITEM 900.620 SPECIAL PROVISION (DRYWELL).



INTERSECTING STREET TYPICAL PAVEMENT AND SUBBASE TRANSITION

NOT TO SCALE

PROJECT NAME: WAITSFIELD INTERSECTION
PROJECT NUMBER: WAITSFIELD STP SRIN(34)

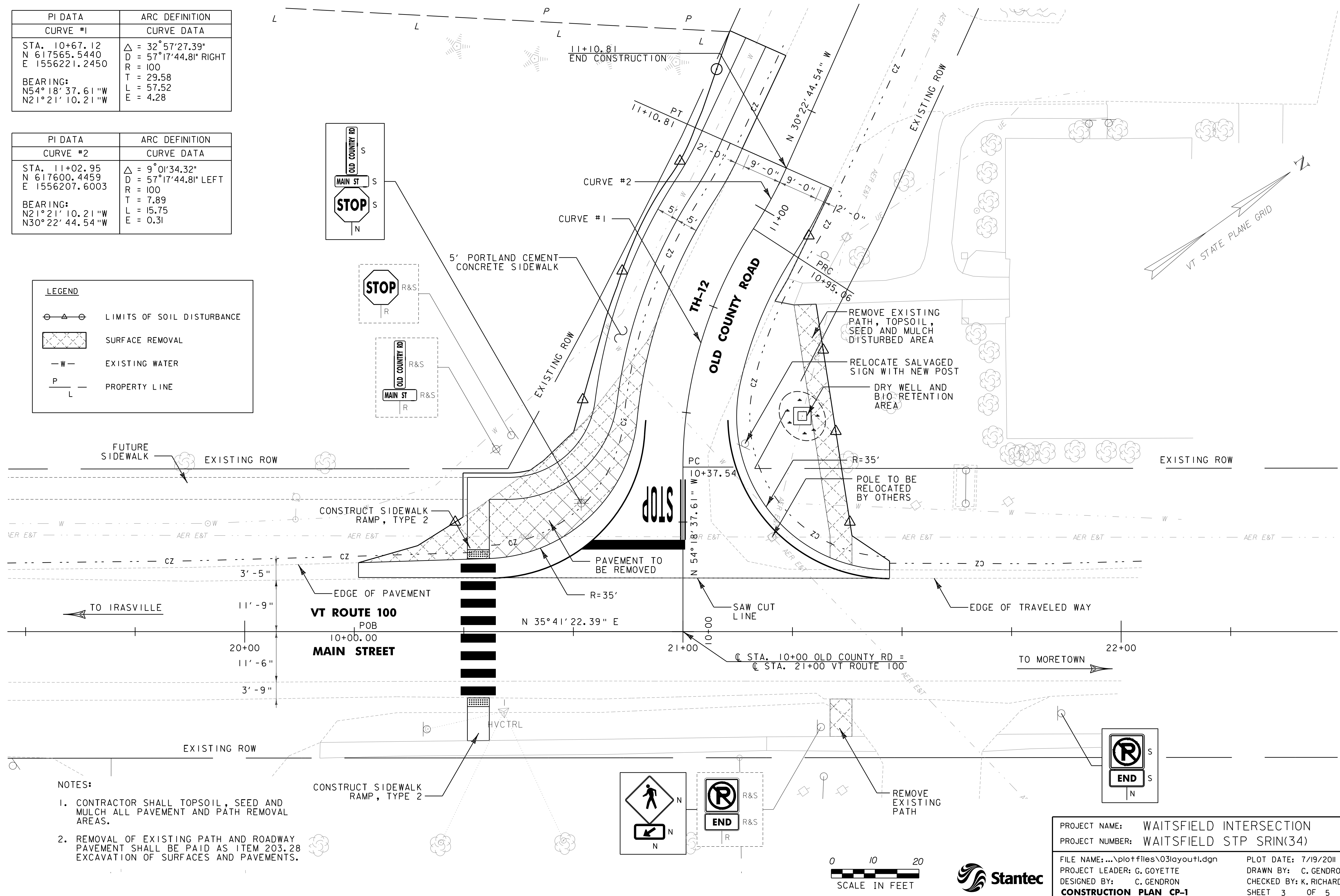
FILE NAME: ... \plot\files\02\typical.dgn PLOT DATE: 7/19/2011
PROJECT LEADER: G. GOYETTE DRAWN BY: C. GENDRON
DESIGNED BY: C. GENDRON CHECKED BY: K. RICHARDSON
TYPICAL SECTIONS TYP-1 SHEET 2 OF 5



PI DATA	ARC DEFINITION
CURVE #1	CURVE DATA
STA. 10+67.12 N 617565.5440 E 1556221.2450	$\Delta = 32^\circ 57' 27.39"$ D = 57°17'44.81" RIGHT R = 100 T = 29.58 L = 57.52 E = 4.28
BEARING: N54°18'37.61"W N21°21'10.21"W	

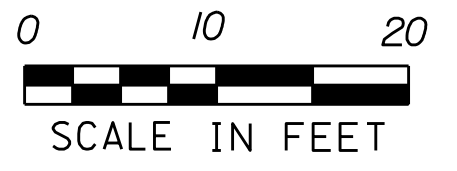
PI DATA	ARC DEFINITION
CURVE #2	CURVE DATA
STA. 11+02.95 N 617600.4459 E 1556207.6003	$\Delta = 9^\circ 01' 34.32"$ D = 57°17'44.81" LEFT R = 100 T = 7.89 L = 15.75 E = 0.31
BEARING: N21°21'10.21"W N30°22'44.54"W	

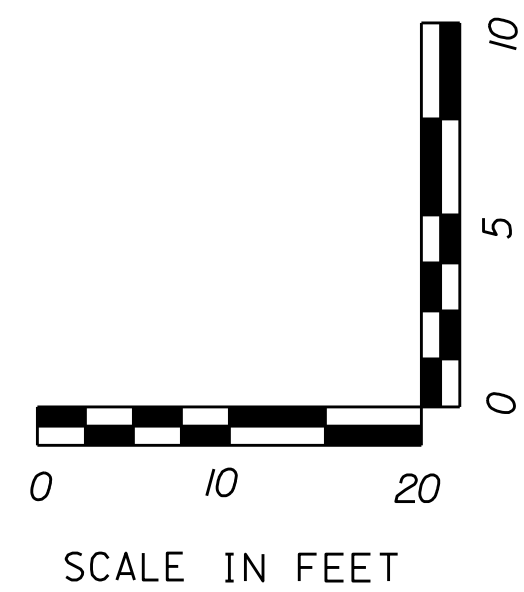
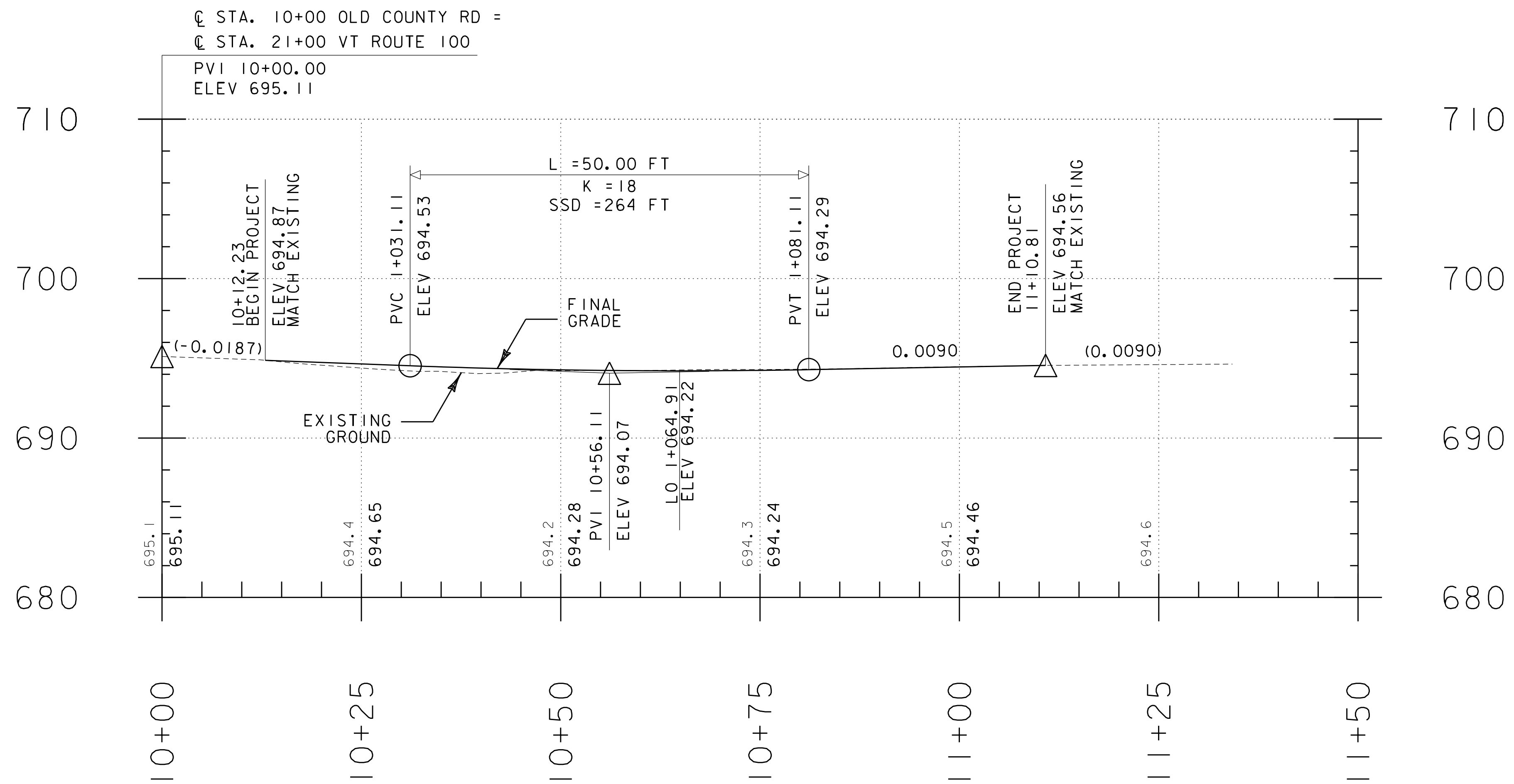
LEGEND	
	LIMITS OF SOIL DISTURBANCE
	SURFACE REMOVAL
	EXISTING WATER
	PROPERTY LINE



- NOTES:
- CONTRACTOR SHALL TOPSOIL, SEED AND MULCH ALL PAVEMENT AND PATH REMOVAL AREAS.
 - REMOVAL OF EXISTING PATH AND ROADWAY PAVEMENT SHALL BE PAID AS ITEM 203.28 EXCAVATION OF SURFACES AND PAVEMENTS.

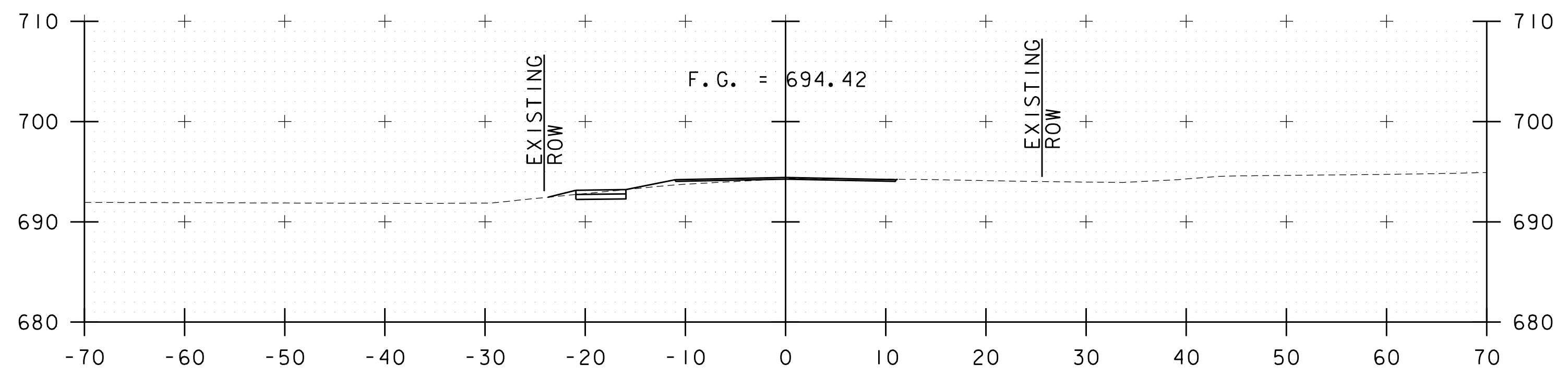
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 PROJECT NUMBER: WAITSFIELD STP SRIN(34)
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 PROJECT LEADER: G. GOYETTE DRAWN BY: C. GENDRON
 DESIGNED BY: C. GENDRON CHECKED BY: K. RICHARDSON
CONSTRUCTION PLAN CP-1 SHEET 3 OF 5



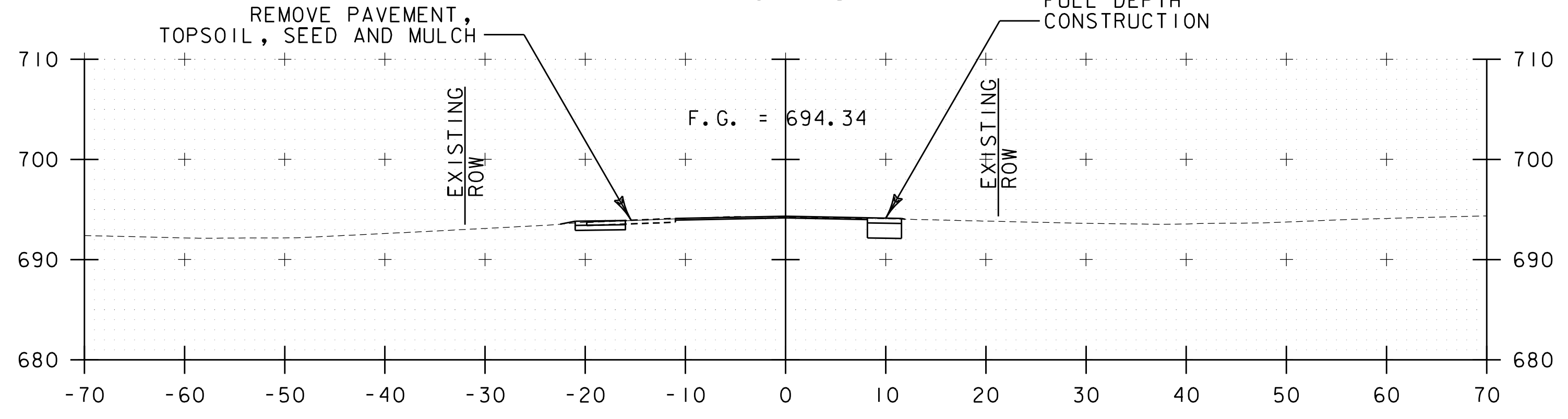


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PROJECT NUMBER:	WAITSFIELD STP SRIN(34)
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PROJECT LEADER: G. GOYETTE	DRAWN BY: C. GENDRON
DESIGNED BY: C. GENDRON	CHECKED BY: K. RICHARDSON
PROFILE SHEET PROF-1	SHEET 4 OF 5

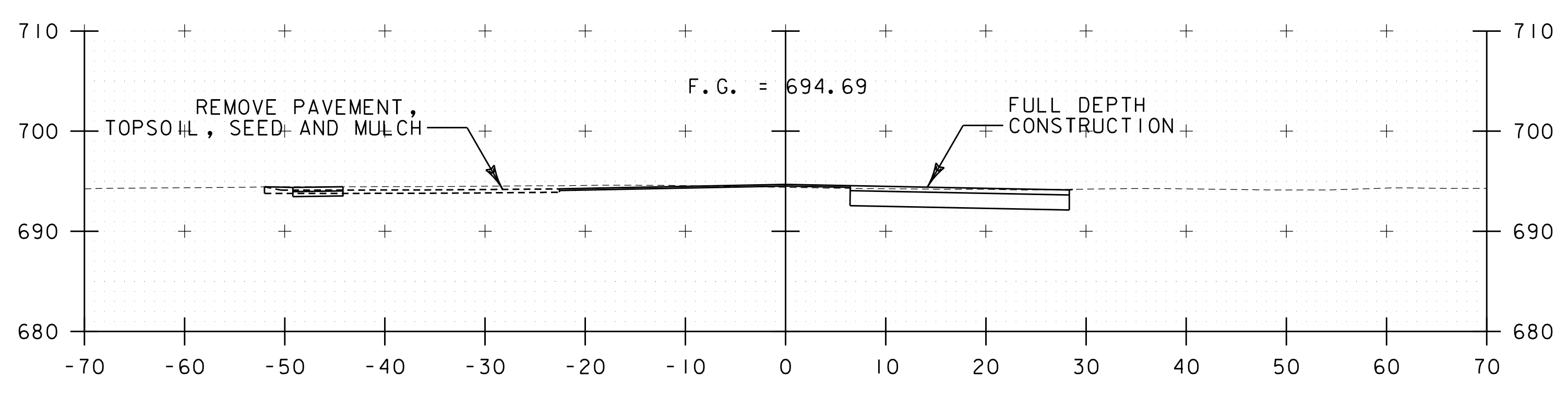




10+75

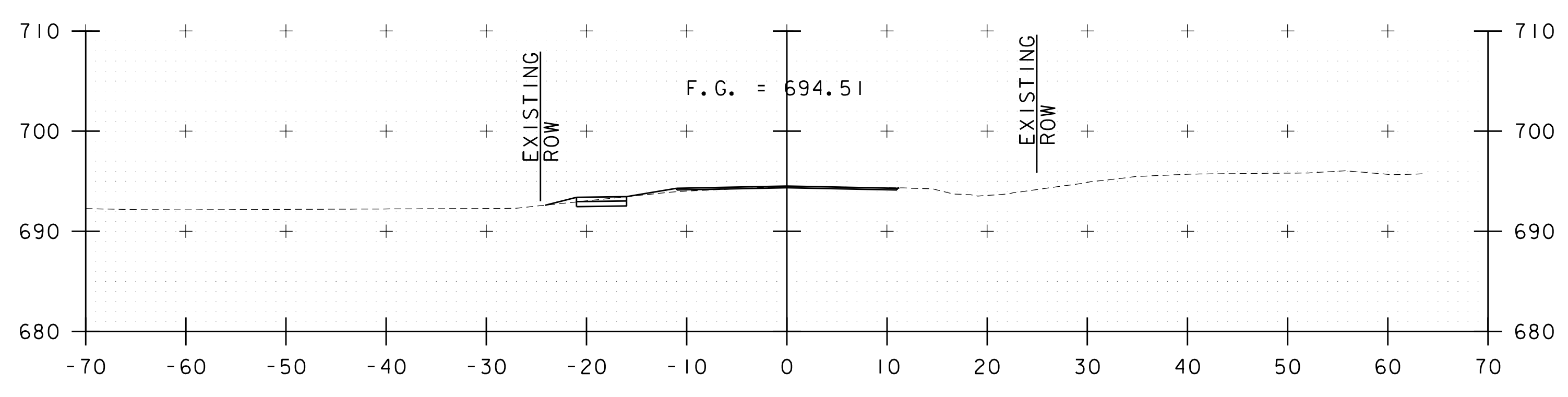


10+50



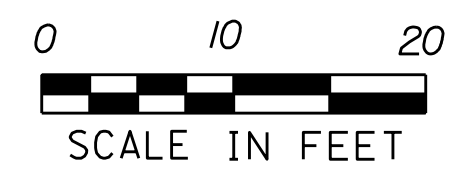
10+25

10+12.23 BEGIN PROJECT



11+00

11+10.81 END PROJECT



PROJECT NAME:	WAITSFIELD INTERSECTION		
PROJECT NUMBER:	WAITSFIELD STP SRIN(34)		
FILE NAME:...	plotfiles\05cross sections.d	DATE:	7/19/2011
PROJECT LEADER:	G. GOYETTE	DRAWN BY:	C. GENDRON
DESIGNED BY:	C. GENDRON	CHECKED BY:	K. RICHARDSON
CROSS SECTIONS XS-1		SHEET	5 OF 5