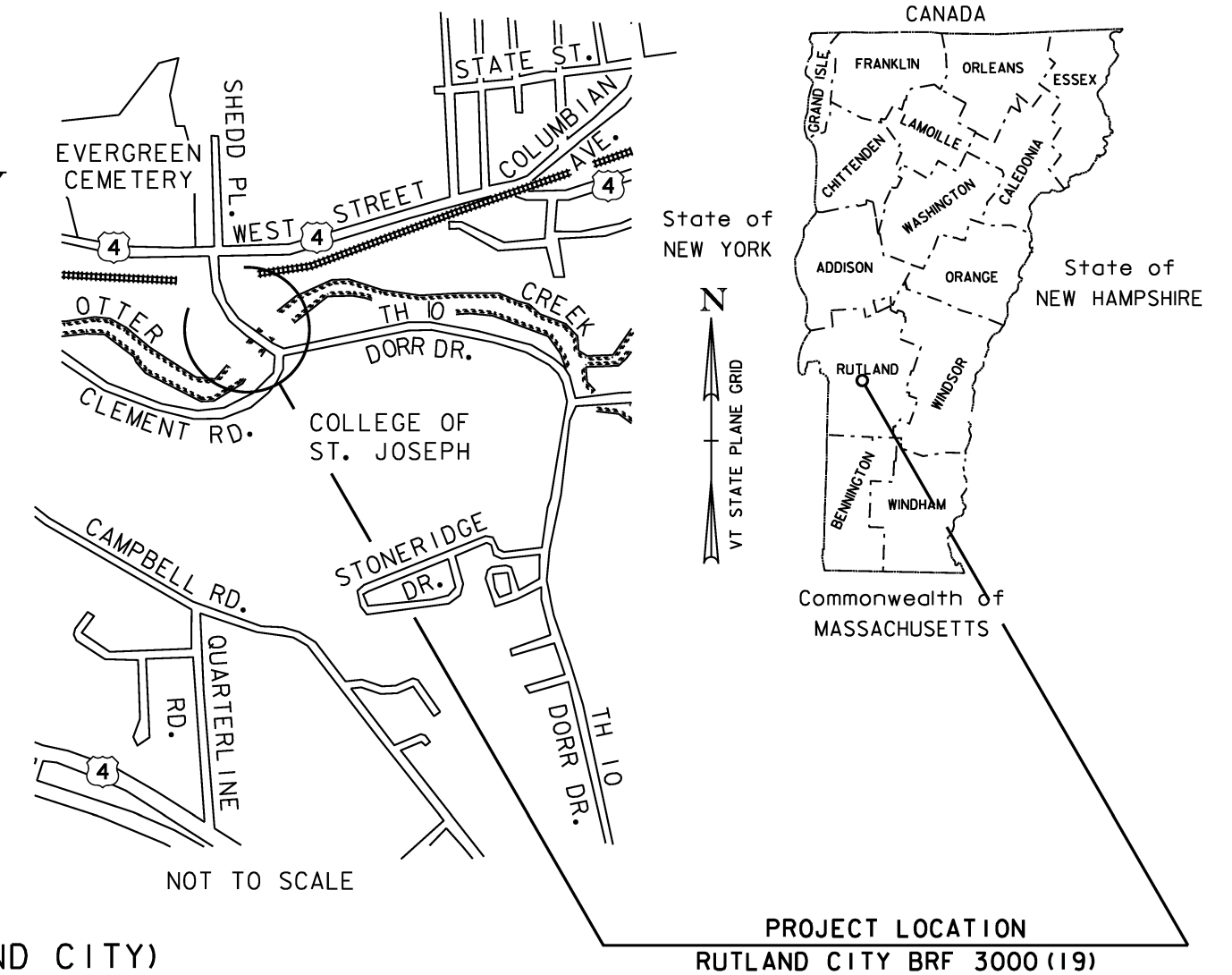


STATE OF VERMONT
AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT
BRIDGE PROJECT
CITY OF RUTLAND
COUNTY OF RUTLAND

ROW PLANS



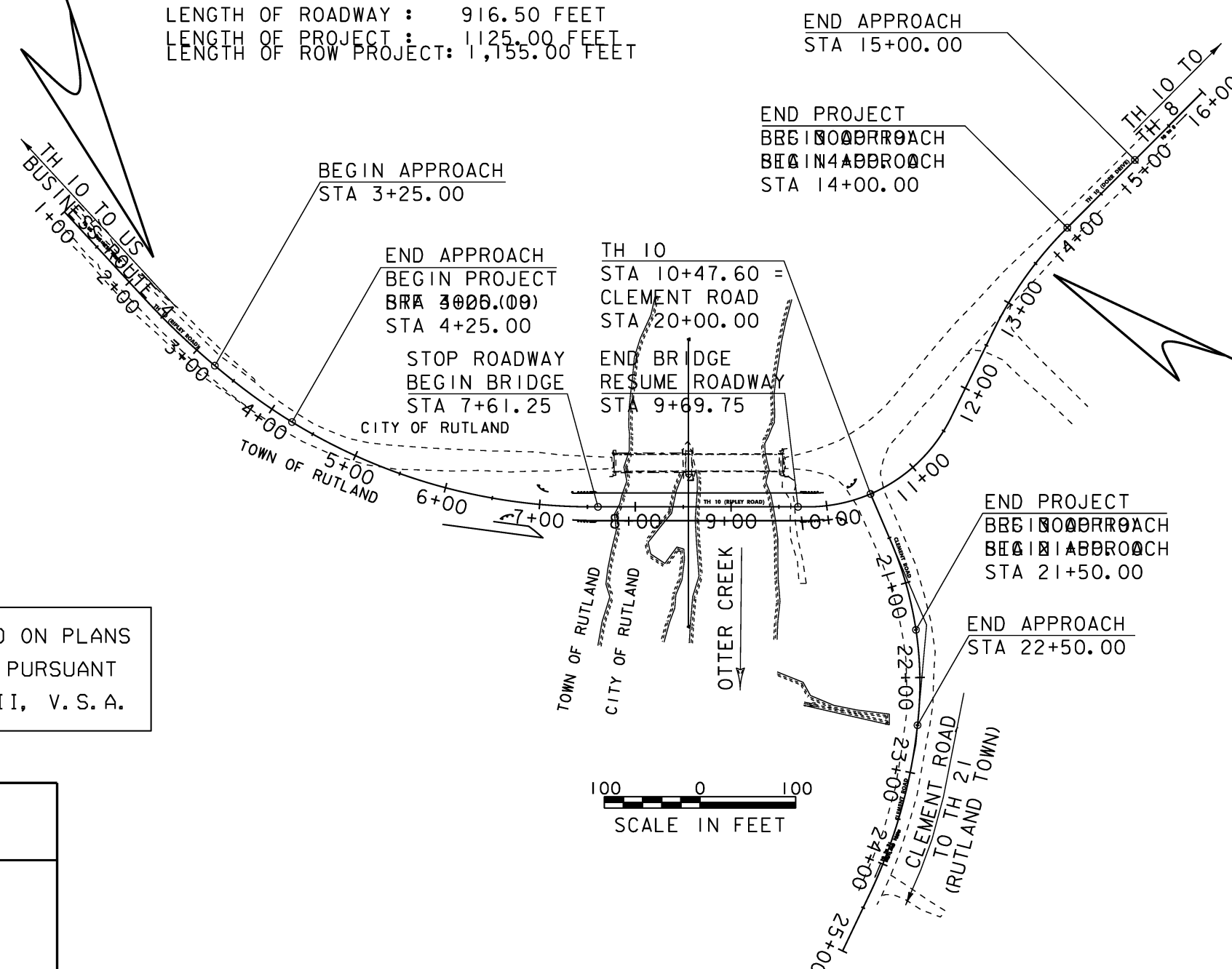
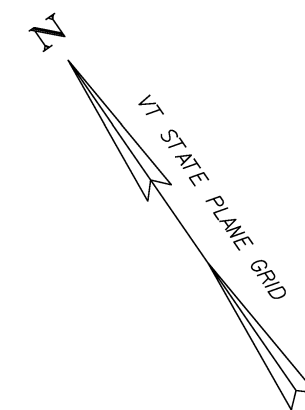
ROUTE NO : TH 10 (RIPLEY ROAD) (MAJOR COLLECTOR) BRIDGE NO : 17 (RUTLAND CITY)
BEGIN ROW PROJECT

BRF 3000 (19)
36.00' LT.

PROJECT LOCATION: LOCATED IN THE COUNTY OF RUTLAND, CITY OF RUTLAND, TH 10 (RIPLEY ROAD) OVER THE OTTER CREEK, APPROXIMATELY 500 FEET SOUTH OF THE JUNCTION OF US BUSINESS ROUTE 4 (WEST STREET) AND TH 10 (RIPLEY ROAD) AND EXTENDING ALONG TH 10 APPROXIMATELY 975 FEET TO THE END.

PROJECT DESCRIPTION: CONSTRUCTION OF NEW STRUCTURE, EMBANKMENTS, AND SIDEWALK ON A NEW ALIGNMENT, RECONSTRUCTION OF APPROACHES AND DEMOLITION OF EXISTING STRUCTURE AND OTHER HIGHWAY RELATED ITEMS.

LENGTH OF STRUCTURE : 208.50 FEET
LENGTH OF ROADWAY : 916.50 FEET
LENGTH OF PROJECT : 1,125.00 FEET
LENGTH OF ROW PROJECT: 1,155.00 FEET



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	

ALL DRIVES AS INDICATED ON PLANS
ARE SUBJECT TO PERMITS PURSUANT
TO TITLE 19 SECTION IIII, V.S.A.

SURVEYED BY :
SURVEYED DATE :

DATUM
VERTICAL
HORIZONTAL

END ROW PROJECT

BRF 3000 (19)
STA. 13+53.00
22.10' RT.

PLANS PREPARED BY

08j096

APPROVED DATE 11-29-12
Director of Program Development

APPROVED ROBERT M. WHITE DATE 11-29-12
Chief of Right of Way

RUTLAND CITY
BRF 3000 (19)

ROW SHEET 1 OF 20 SHEETS

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

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

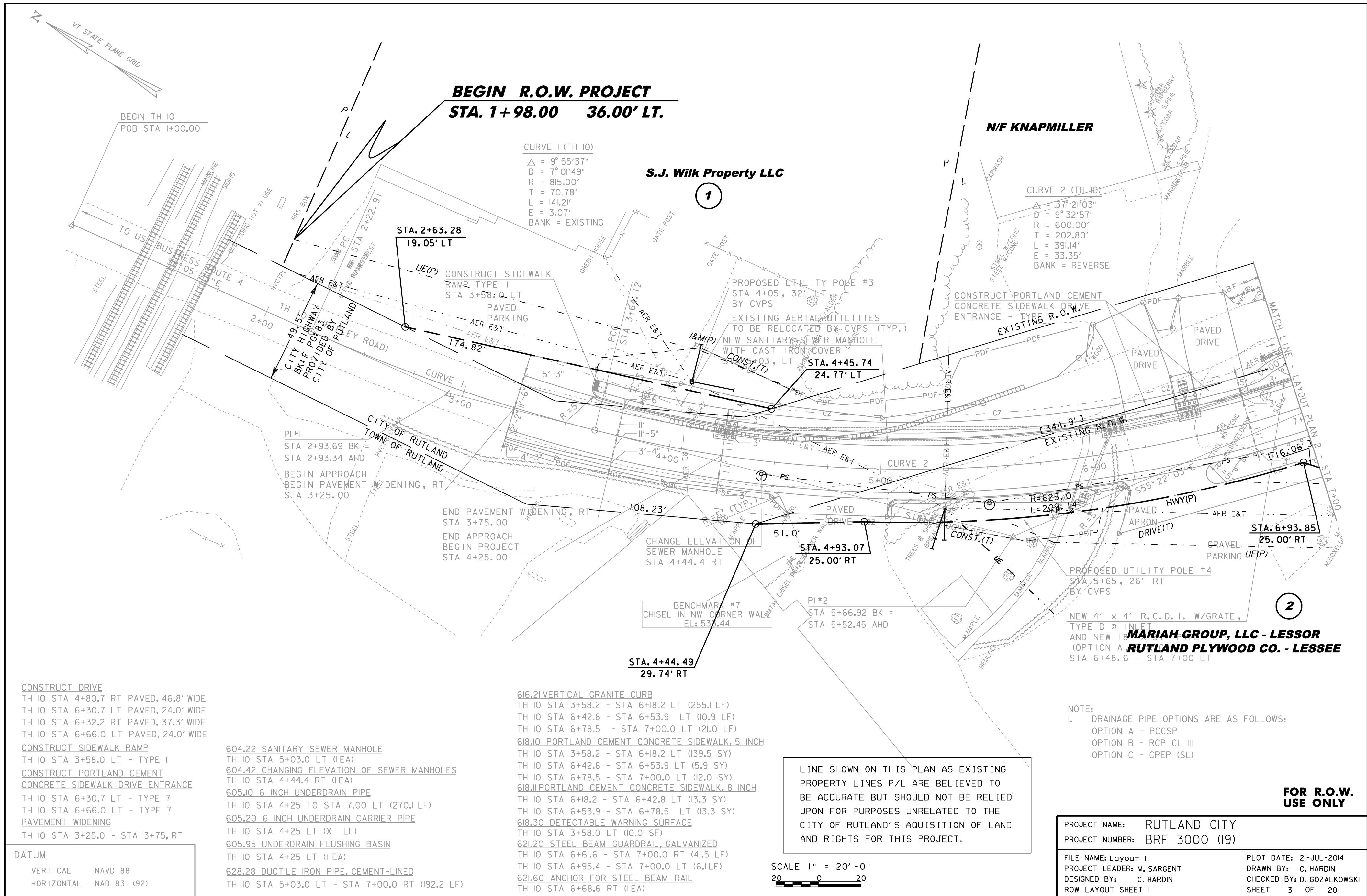
RIGHT - OF - WAY

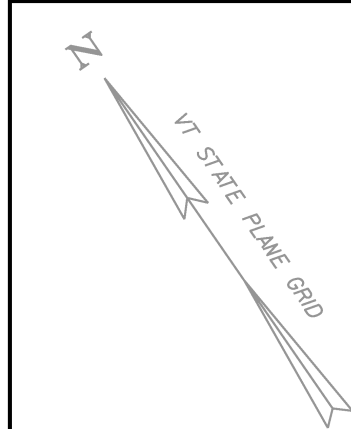
TABLE OF PROPERTY ACQUISITION

PARCEL NO.	PROPERTY OWNER	SHEET NO.	BEGINNING STATION	ENDING STATION	TAKE	REMAINDER	RIGHT			TITLE	DATE
							TYPE	(T)/(P)	AREA ±		
1	S.J. WILK PROPERTY, LLC	3	TH 10 2+63.28 LT	TH 10 4+45.74 LT	1,854 SF					WD	09/10/13
			TH 10 1+98.00 LT	TH 10 4+65.00 LT			UE	(P)	0.11 A		
			TH 10 3+58.00 LT	TH 10 4+63.00 LT			CONST.	(T)	1,308 SF		
			TH 10 4+03.00 LT				INSTALL & MAINTAIN	(P)			
2	MARIAH GROUP, LLC - LESSOR RUTLAND PLYWOOD CORP. - LESSEE	3, 4	TH 10 4+44.49 RT	TH 10 7+86.44 LT			HIGHWAY	(P)	0.29 A	WD	
			TH 10 5+22.00 RT	TH 10 6+01 RT			CONST.	(T)	606 SF		
			TH 10 5+55.00 RT	TH 10 7+72.00 RT			UE	(P)	0.12 A		
			TH 10 6+32.2 RT				DRIVE	(T)			
			TH10 7+06.00 RT	TH10 7+79.00 RT			CONST.	(T)	141 SF		
			TH10 7+47.00 RT				INSTALL & MAINTAIN	(P)			
3	PARKER, TIMOTHY J.	4, 5	TH 10 10+31.00 LT	TH 10 11+30.00 LT			UE	(P)	863 SF	WDOE	09/30/13
4A	COLLEGE OF ST. JOSEPH	4, 6	TH 10 9+38.56 LT	TH 10 10+27.90 RT	0.13 A					WD	06/28/13
			TH 10 9+49.00 RT	TH 10 10+31.00 RT			UE	(P)	3,167 SF		
			TH 10 10+18.00 RT	TH 10 10+31.00 RT			CONST.	(T)	332 SF		
			TH 141 20+66.00 RT				INSTALL & MAINTAIN	(P)			
4B		4, 5	TH 10 10+78.29 RT	TH 10 13+53.11 RT	0.19 A						
			TH 10 10+71.00 RT	TH 10 12+36.00 RT			CONST.	(T)	823 SF		
			TH 10 10+73.00 RT	TH 10 11+80.00 RT			SLOPE	(T)	794 SF		
			TH 10 12+16.00 RT	TH 10 12+27.00 RT			REMOVE	(T)			
			TH 10 12+53.20 RT				DRIVE	(T)			
			TH 10 12+65.00 RT	TH 10 13+53.00 RT			CONST.	(T)	276 SF		
5	GREEN MOUNTAIN POWER CORPORATION		TH 10 1+98.00 LT	TH 10 13+28.00 RT							
6	TELEPHONE OPERATING COMPANY OF VERMONT, LLC		TH 10 1+98.00 LT	TH 10 13+28.00 RT							
7	COMCAST OF CONNECTICUT/GEORGIA/ MASSACHUSETTS/NEW HAMPSHIRE/ NEW YORK/NORTH CAROLINA/VERMONT, LLC		TH 10 1+98.00 LT	TH 10 13+28.00 RT							
8	CITY OF RUTLAND		TH 10 1+98.00 LT	TH 10 13+28.00 RT							

PLAN LEGEND

	EXISTING RIGHT-OF-WAY		TOE OF SLOPE	EC	-EROSION CONTROL
	TAKING WITH ACCESS		TOP OF CUT	(P)	-PERMANENT
	TAKING WITHOUT ACCESS		SLOPE RIGHT	(T)	-TEMPORARY
	CLEAR ZONE		CONSTRUCTION RIGHT	DR.	-DRAINAGE RIGHT
	PROPERTY LINE		PROJECT DEMARCATION FENCE	DIT.	-DITCHING RIGHT
				CH.	-CHANNEL RIGHT
				DRIVE	-DRIVE RIGHT
				CUL.	-CULVERT RIGHT
				C&T	-CLEARING & TRIMMING
				SR	-SLOPE RIGHT
				UE	-UTILITY EASEMENT





REMOVE EXISTING TRAFFIC SIGNAL SYSTEM
(SEE NOTE 2)

NEW GATE VALVE
WITH VALVE BOX
STA 7+46.5 LT

NEW 4' x 4' R.C.D.I. W/GRATE,
TYPE D
STA 7+36.5 LT
NEW BRIDGE RAILING,
ALUMINUM/PEDESTRIAN
(BRIDGE ITEM) (TYP.)
NEW 18" x 34.7' PIPE
(OPTION A, B & C)
STA 7+00 - STA 7+36.5 LT
NEW TAPPING SLEEVE
AND VALVE WITH VALVE BOX
STA 7+25.9 LT

N/F KNAPMILLER

NEW 18" x 93.2' PIPE
(OPTION A, B & C)
END SECTION AT OUTLET
STA 9+47.4 LT -
STA 10+49.9 LT
NEW GATE VALVE
WITH VALVE BOX
STA 9+78.3 LT
NEW SANITARY SEWER MANHOLE,
WITH CAST IRON COVER
STA 9+76.0 CL

PROPOSED PERMANENT EASEMENT
FOR AERIAL RIGHTS

NEW CONCRETE MANHOLE
WITH CAST IRON COVER
STA 10+51.7 LT

PROPOSED UTILITY POLE # 6A
STA 10+50.78' LT BY CVPS

**PARKER,
TIMOTHY J.**

616.21 VERTICAL GRANITE CURB

TH IO STA 7+00.0 - STA 7+61.0 LT (59.8 LF)

TH IO STA 9+70.0 - STA 11+00.0 LT (119.9 LF)

618.10 PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH

TH IO STA 7+00.0 - STA 7+61.0 LT (33.0 SY)

TH IO STA 9+70.0 - STA 11+00.0 LT (63.6 SY)

621.20 STEEL BEAM GUARDRAIL, GALVANIZED

TH IO STA 7+00.0 - STA 7+33.7 LT (33.4 LF)

TH IO STA 7+00.0 - STA 7+34.7 RT (35.5 LF)

TH IO STA 9+95.4 - STA 10+17.1 RT (27.0 LF)

TH IO STA 9+98.7 - STA 10+39.7 LT (39.5 LF)

621.21 HD STEEL BEAM GUARDRAIL, GALVANIZED

TH IO STA 7+33.7 - STA 7+59.3 LT (25.0 LF)

TH IO STA 7+34.7 - STA 7+59.3 RT (25.0 LF)

TH IO STA 9+71.8 - STA 9+95.4 RT (25.0 LF)

TH IO STA 9+71.8 - STA 9+98.7 LT (25.0 LF)

621.60 ANCHOR FOR STEEL BEAM RAIL

TH IO STA 7+02.8 LT (1EA)

TH IO STA 10+11.7 RT (1EA)

TH IO STA 10+31.7 LT (1EA)

NEW 18" x 41.4' PIPE
(OPTION A, B & C)
STA 9+53.3 LT - STA 11+00.0 LT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

TH IO STA 7+07.4 - STA 7+73.5 LT (66.2 LF)

TH IO STA 7+18.3 - STA 7+75.0 LT (52.6 LF)

TH IO STA 9+55.7 - STA 10+39.5 LT (61.7 LF)

TH IO STA 9+56.6 - STA 10+18.1 LT (61.3 LF)

TH IO STA 9+56.6 - STA 10+21.7 LT (66.5 LF)

TH IO STA 9+56.6 - STA 11+00.0 LT (96.9 LF)

REMOVE EXISTING TRAFFIC
SIGNAL SYSTEM (SEE NOTE 2)

CURVE 5 (CLEMENT ROAD)

$\Delta = 28^{\circ}18'24"$
 $D = 15^{\circ}16'44"$
 $R = 375.00'$
 $T = 94.56'$
 $L = 185.27'$
 $E = 11.74'$
BANK = TRANSITION

NOTES:

1. LIMITS OF STONE FILL ARE SHOWN ON PLAN AND ELEVATION, SHEET 44.
2. REMOVE ALL EXISTING TRAFFIC SIGNAL EQUIPMENT, TO BE PAID BY ITEM 900.620 SPECIAL PROVISION (REMOVAL OF EXISTING TRAFFIC SIGNAL SYSTEM).
3. DRAINAGE PIPE OPTIONS ARE AS FOLLOWS:
OPTION A - CSP
OPTION B - RCP CL III
OPTION C - CPEP (SL)
4. EXISTING AERIAL UTILITIES TO BE RELOCATED BY CVPS.

**FOR R.O.W.
USE ONLY**

08J096

PROJECT NAME: RUTLAND CITY
PROJECT NUMBER: BRF 3000 (I9)

FILE NAME: Layout 2
PROJECT LEADER: M. SARGENT
DESIGNED BY: C. HARDIN
ROW LAYOUT SHEET 2

PLOT DATE: 21-JUL-2014
DRAWN BY: C. HARDIN
CHECKED BY: D. GOZALKOWSKI
SHEET 4 OF 20

604.11 CONCRETE MANHOLE WITH CAST IRON COVER

TH IO STA 10+51.7 LT (1EA)

604.22 SANITARY SEWER MANHOLE

TH IO STA 7+55.0 CL (1EA)

TH IO STA 9+76.0 CL (1EA)

TH IO STA 10+84.9 LT (1EA)

605.10 6 INCH UNDERDRAIN PIPE

TH IO STA 7+00.0 TO STA 7+35.8 LT (47.9 LF)

TH IO STA 9+91.4 TO STA 10+49.4 LT (54.9 LF)

TH IO STA 10+53.6 TO STA 11+00.0 LT (43.4 LF)

605.20 6 INCH UNDERDRAIN CARRIER PIPE

TH IO STA 9+91.4 (X LF)

605.95 UNDERDRAIN FLUSHING BASIN

TH IO STA 9+91.4 (1EA)

628.28 DUCTILE IRON PIPE, CEMENT-LINED

TH IO STA 7+00.0 LT - STA 7+55.0 (55.7 LF)

TH IO STA 9+76.0 - STA 10+84.9 LT (110.0 LF)

629.24 DUCTILE IRON PIPE, CEMENT-LINED

TH IO STA 7+25.9 - STA 7+46.5 LT (27.4 LF)

TH IO STA 9+78.3 - STA 10+35.0 LT (49.7 LF)

629.27 GATE VALVE WITH VALVE BOX

TH IO STA 7+46.5 LT (1EA)

TH IO STA 9+78.3 LT (1EA)

629.35 TAPPING SLEEVE

AND VALVE WITH VALVE BOX

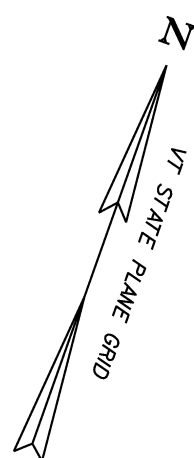
TH IO STA 7+25.9 LT (1EA)

TH IO STA 10+35.0 LT (1EA)

LINE SHOWN ON THIS PLAN AS EXISTING
PROPERTY LINES P/L ARE BELIEVED TO
BE ACCURATE BUT SHOULD NOT BE RELIED
UPON FOR PURPOSES UNRELATED TO THE
CITY OF RUTLAND'S ACQUISITION OF LAND
AND RIGHTS FOR THIS PROJECT.

SCALE 1" = 20' - 0"

20 0 20

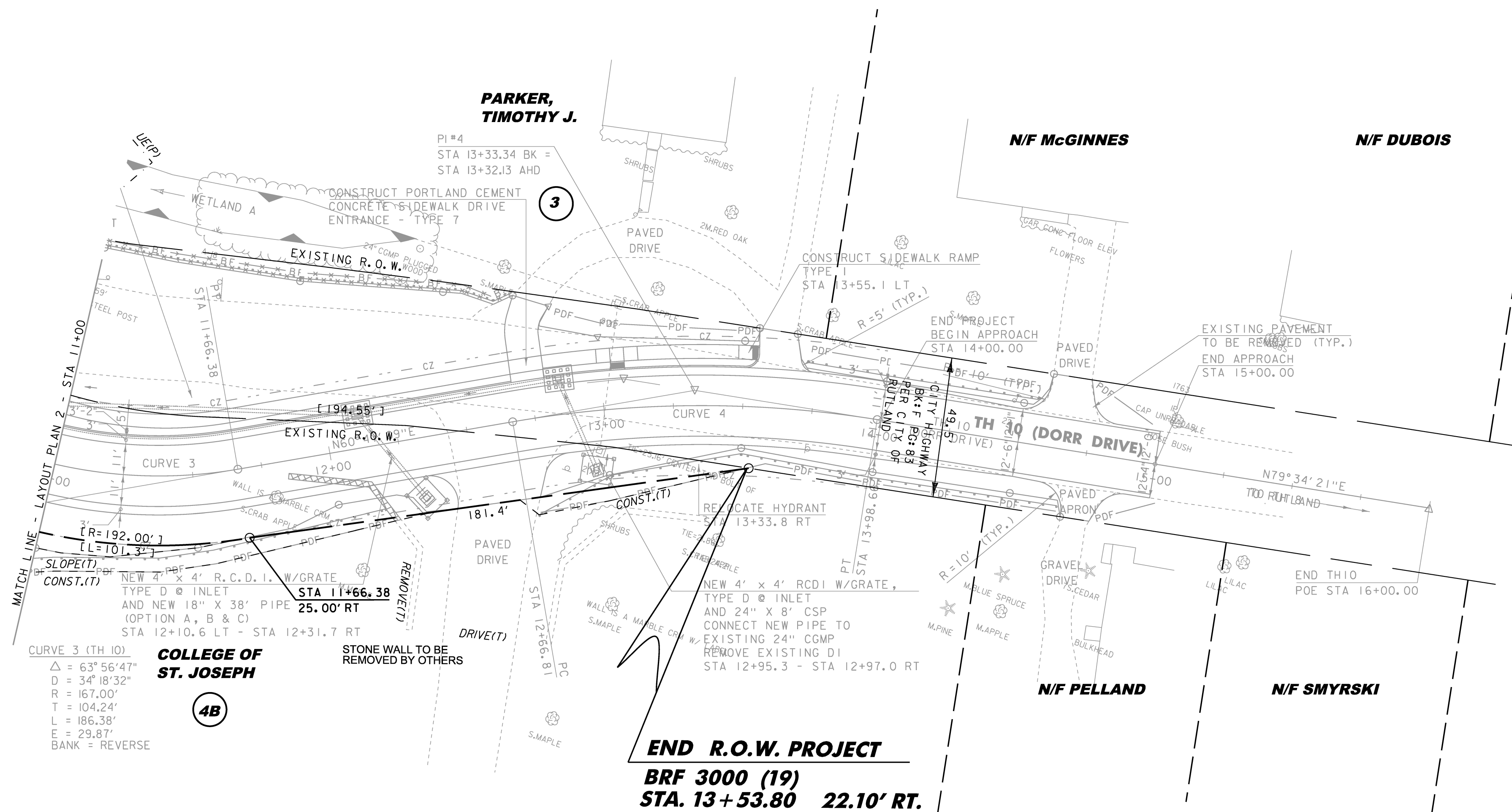


REMOVE EXISTING PAVEMENT
TH IO STA 14+72.9 TO STA 14+77.1 LT (10.9 SY)

CONSTRUCT DRIVE
TH IO STA 12+53.2 RT PAVED, 27.5' WIDE
TH IO STA 12+74.5 LT PAVED, 12.0' WIDE
TH IO STA 13+61.2 LT PAVED, 13.6' WIDE
TH IO STA 14+65.9 LT PAVED, 13.9' WIDE
TH IO STA 14+74.4 RTPAVED, 10.5' WIDE

CONSTRUCT SIDEWALK RAMP
TH IO STA 13+55.1 LT - TYPE 1

CONSTRUCT PORTLAND CEMENT
CONCRETE SIDEWALK DRIVE ENTRANCE
TH IO STA 12+74.5 LT - TYPE 7



END R.O.W. PROJECT
BRF 3000 (19)
STA. 13+53.80 22.10' RT.

605.10 6 INCH UNDERDRAIN
STA 11+00.0 TO STA 12+05.0 LT (99.6 LF)
605.20 6 INCH UNDERDRAIN CARRIER PIPE
STA 12+05.0 LT (X LF)
605.95 UNDERDRAIN FLUSHING BASIN
STA 12+05.0 LT (1EA)

613.10 STONE FILL, TYPE 1
TH IO STA 11+90.2 LT (0.7 CY)
616.21 VERTICAL GRANITE CURB
TH IO STA 11+00.0 - STA 12+66.0 LT (163.1 LF)
TH IO STA 12+82.9 - STA 13+54.7 LT (78.4 LF)
618.10 PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
TH IO STA 11+00.0 - STA 13+54.7 LT (139.7 SY)
618.30 DETECTABLE WARNING SURFACE
TH IO STA 13+54.7 LT (10.0 SF)
621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
TH IO STA 11+00.0 - STA 11+07.4 LT (4.4 LF)

629.24 DUCTILE IRON PIPE, CEMENT-LINED
TH IO STA 13+33.8 RT (5.0 LF)
629.29 RELOCATE HYDRANT
TH IO STA 13+33.8 RT (1EA)
679.25 REMOVING AND RESETTIN LIGHT POLE
TH IO STA 12+32.4 RT (1EA)
TH IO STA 13+16.0 RT (1EA)

LINE SHOWN ON THIS PLAN AS EXISTING
PROPERTY LINES P/L ARE BELIEVED TO
BE ACCURATE BUT SHOULD NOT BE RELIED
UPON FOR PURPOSES UNRELATED TO THE
CITY OF RUTLAND'S ACQUISITION OF LAND
AND RIGHTS FOR THIS PROJECT.

SCALE 1" = 20' - 0"
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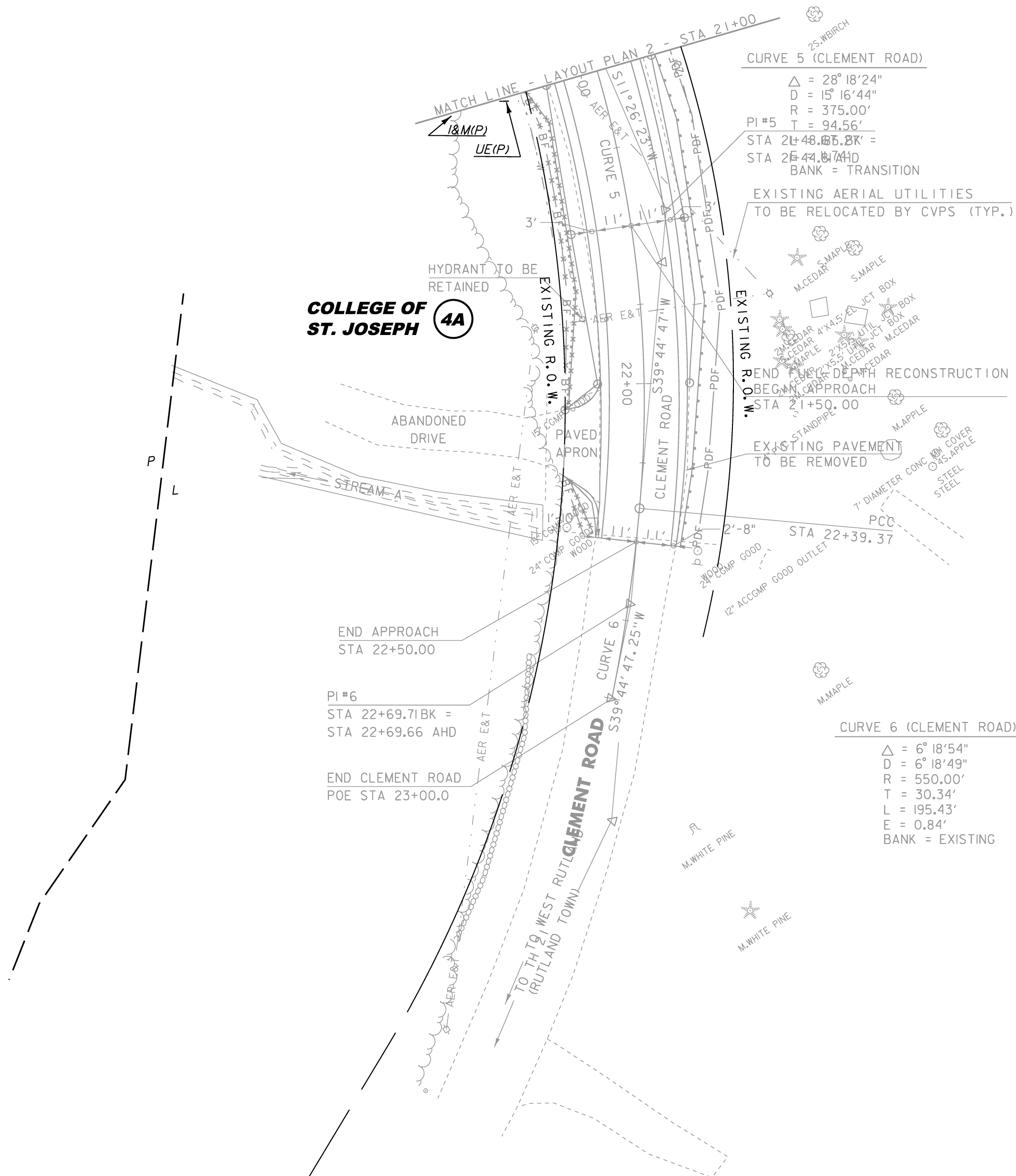
**FOR R.O.W.
USE ONLY**

081096

PROJECT NAME: RUTLAND CITY
PROJECT NUMBER: BRF 3000 (19)

FILE NAME: Layout 3
PROJECT LEADER: M. SARGENT
DESIGNED BY: C. HARDIN
ROW LAYOUT SHEET 3

PLOT DATE: 21-JUL-2014
DRAWN BY: C. HARDIN
CHECKED BY: D. GOZALKOWSKI
SHEET 5 OF 20



PROJECT NAME: RUTLAND CITY	
PROJECT NUMBER: BRF 3000 (19)	
FILE NAME: Layout 4	PLOT DATE: 21-JUL-2014
PROJECT LEADER: M. SARGENT	DRAWN BY: C. HARDIN
DESIGNED BY: C. HARDIN	CHECKED BY: D. GOZALKOWSKI
ROW LAYOUT SHEET 4	SHEET 6 OF 20

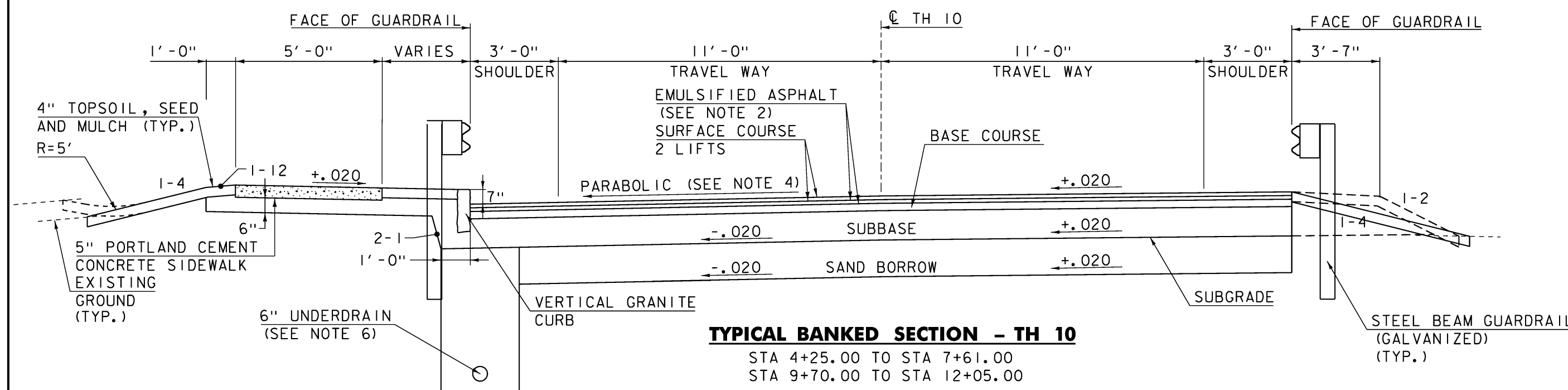
**FOR R.O.W.
USE ONLY**

FILE NAME = 8FILE\$
DATE/TIME = \$DATE\$
USER = \$USER\$

MATERIAL ITEM	THICKNESS TOLERANCE
PAVEMENT (TOTAL DEPTH)	$\pm 1/4"$
SUBBASE	$\pm 1"$
SAND BORROW	$\pm 1"$

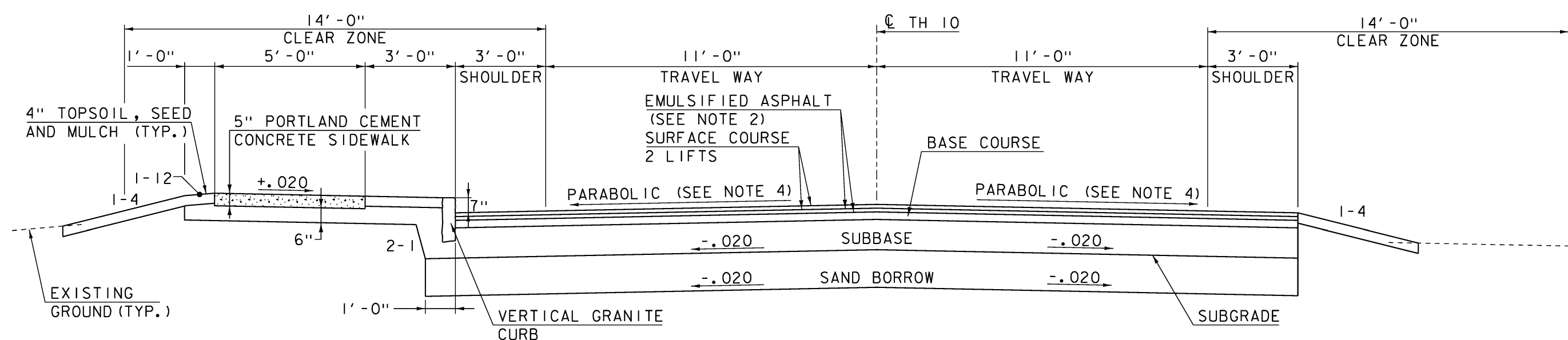
TYPICAL SECTIONS

3" SURFACE COURSE, SUPERPAVE BITUMINOUS CONCRETE PAVEMENT, SMALL QUANTITY, TYPE IVS - 2 - 1 1/2" LIFTS
3" BASE COURSE, SUPERPAVE BITUMINOUS CONCRETE PAVEMENT, SMALL QUANTITY, TYPE IIS
12" SUBBASE OF CRUSHED GRAVEL, COARSE GRADED
15" SAND BORROW



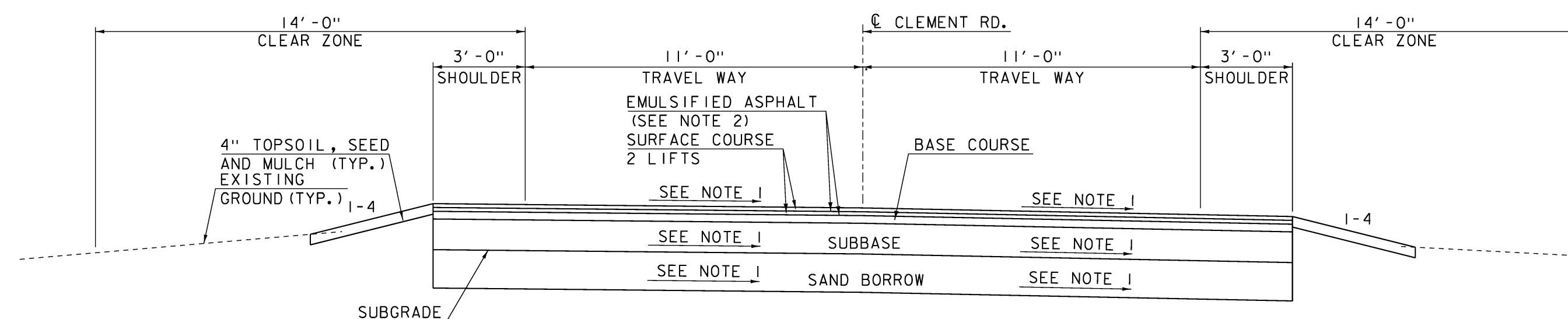
TYPICAL BANKED SECTION - TH 10

STA 4+25.00 TO STA 7+61.00
STA 9+70.00 TO STA 12+05.00



TYPICAL NORMAL SECTION - TH 10

STA 12+05.00 TO STA 14+00.00



TYPICAL SECTION - CLEMENT ROAD

STA 20+14.00 TO STA. 21+50.00

SEEDING FORMULA

RATE: DOUBLE IF HYDROSEEDING

% WT.	LBS./A.	NAME	PUR %	GERM %
37.5	22.5	CREeping RED FESCUE	98	85
37.5	22.5	TALL FESCUE	95	90
5.0	3.0	RED TOP	95	90
15.0	9.0	BIRDSFOOT TREFOIL	98	85
5.0	3.0	ANNUAL RYE GRASS	95	85
100.0	60			

SEEDING NOTES:

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

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

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

GENERAL NOTES:

- SEE CLEMENT ROAD CROSS SECTIONS FOR CROSS SLOPE INFORMATION.
- 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. EMULSIFIED ASPHALT TO BE PAID UNDER ITEM 404.65 EMULSIFIED ASPHALT.
- SEE TH 10 CROSS SECTIONS FOR CURB REVEAL TRANSITION NOTES FOR SIDEWALK RAMPS AND DRIVEWAYS.
- SEE ROADWAY PAVING DETAILS FOR PARABOLIC DETAIL NORMAL SECTION.
- SEE ROADWAY PAVING DETAILS FOR PAVEMENT TERMINATION DETAIL.
- PROVIDE 6" UNDERDRAIN AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. SEE STD D-30 FOR CONSTRUCTION DETAILS. SEE TH 10 CROSS SECTIONS AND CLEMENT ROAD CROSS SECTIONS FOR DESIGN DETAILS.

NOT TO SCALE

CHA

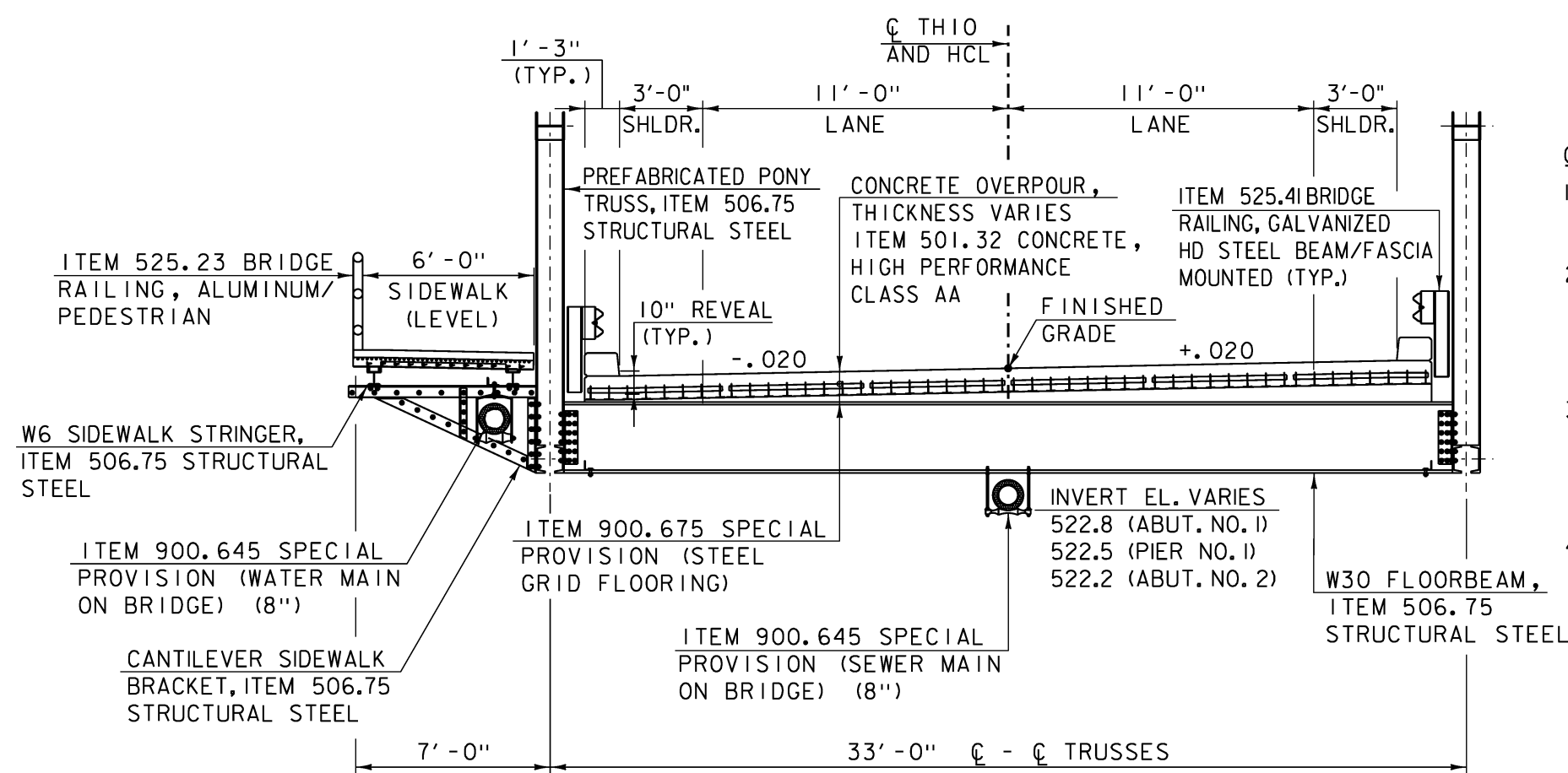
PROJECT TYPICAL SECTIONS #1

PROJECT NAME: RUTLAND CITY
PROJECT NUMBER: BRF 3000 (19)

PROJECT LEADER: M. SARGENT
DESIGNED BY: C. HARDIN
DWG. NO.:

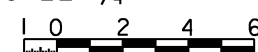
PLOT DATE: \$DATE\$
DRAWN BY: C. HARDIN
CHECKED BY: D. GOZALKOWSKI
ROW SHEET 7 OF 204

FILE NAME = 8FILE\$
DATE/TIME = 8DATE\$
USER = 8USER\$



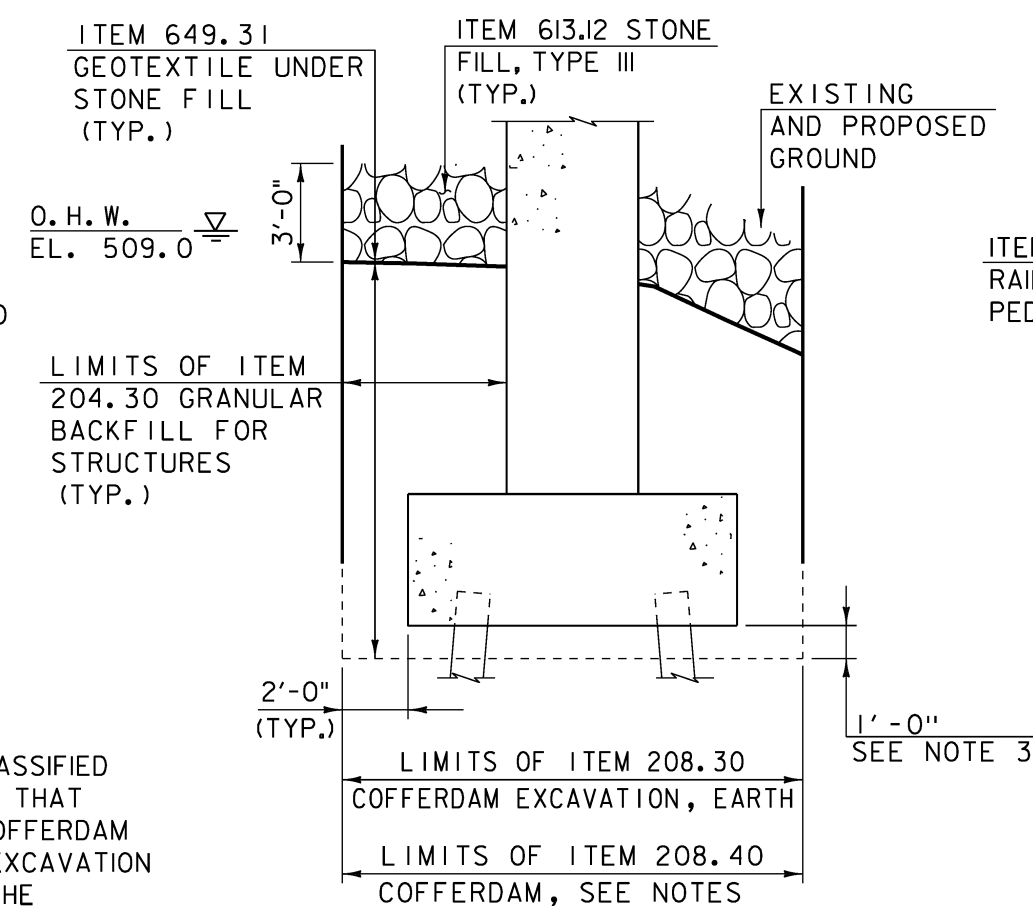
TYPICAL BRIDGE SECTION

SCALE: 1/4" = 1'-0"



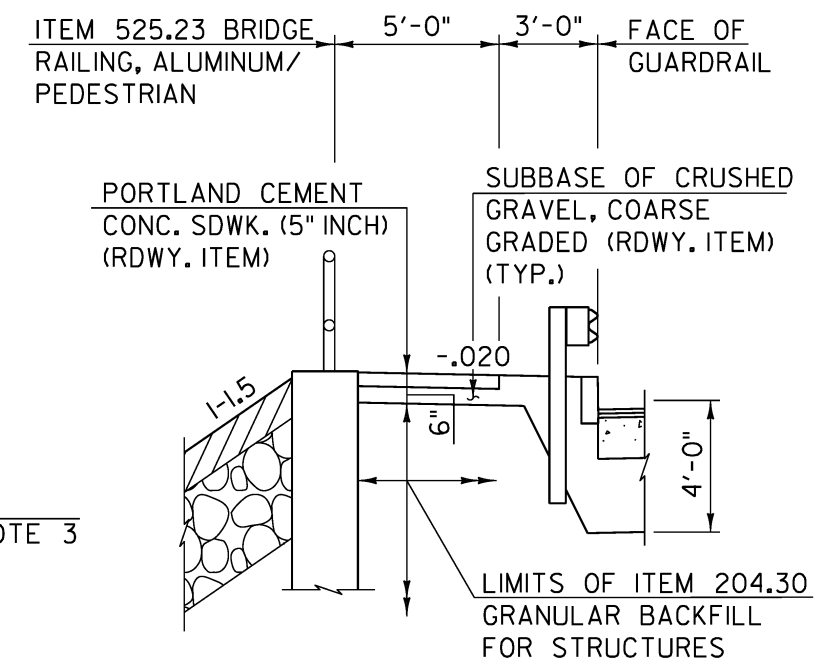
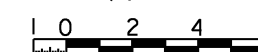
COFFERDAM NOTES:

1. COFFERDAM SIZE TO BE DETERMINED BY CONTRACTOR.
2. THE PAY LIMITS OF ITEM 208.30 COFFERDAM EXCAVATION, EARTH SHALL BE 2'-0" OUTSIDE THE PERIMETER OF THE FOOTING.
3. 1'-0" UNDERCUT AS DETERMINED NECESSARY BY THE RESIDENT ENGINEER.
4. IF A COFFERDAM IS CONSTRUCTED WHICH IS LARGER THAN THE COFFERDAM EXCAVATION PAY LIMITS, PAYMENT FOR ALL UNCLASSIFIED CHANNEL EXCAVATION, INCLUDING THAT PORTION WHICH IS INSIDE THE COFFERDAM BUT OUTSIDE THE COFFERDAM EXCAVATION PAY LIMITS, WILL BE MADE AT THE CONTRACT UNIT PRICE FOR UNCLASSIFIED CHANNEL EXCAVATION.



TYPICAL PIER SECTION

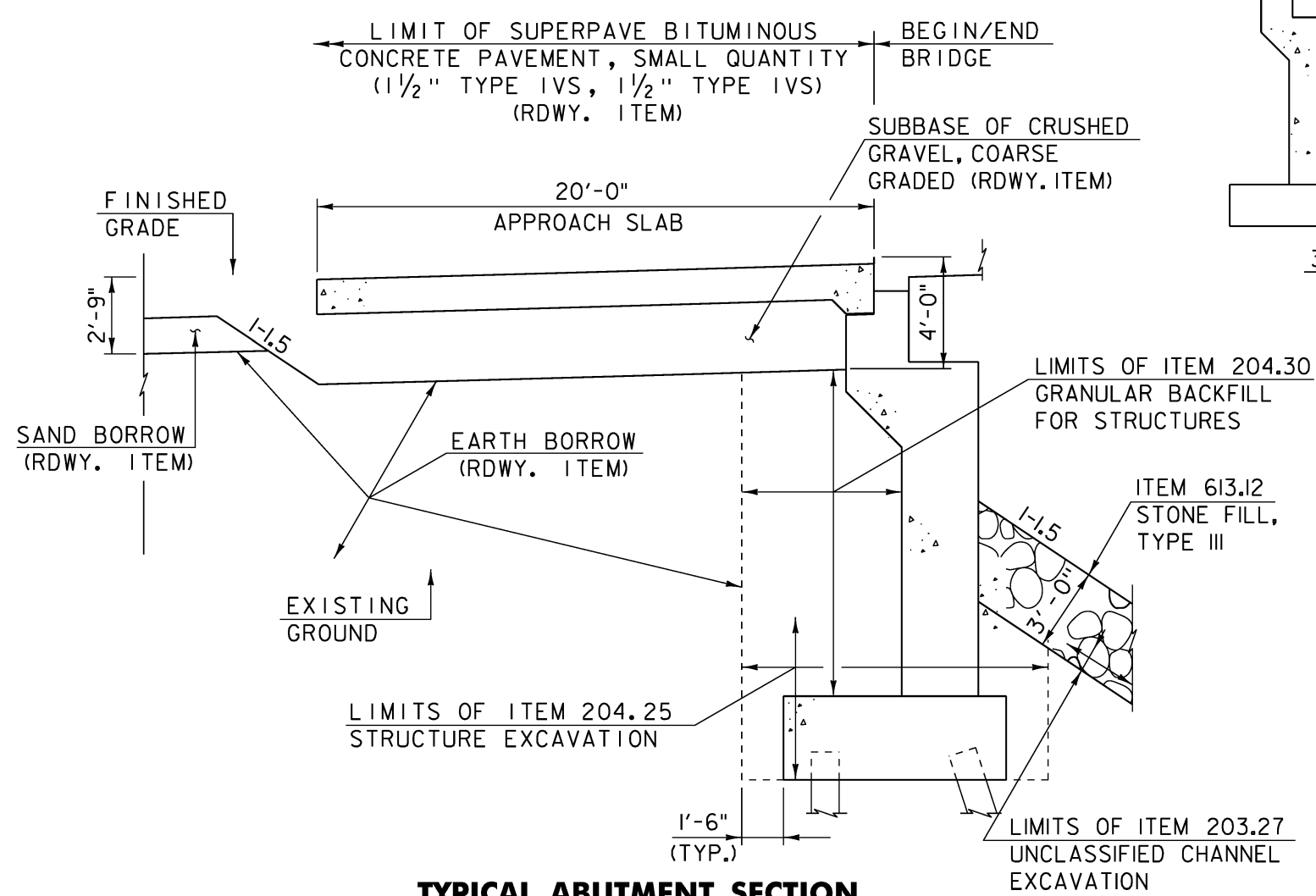
SCALE: 1/4" = 1'-0"



DETAIL 1

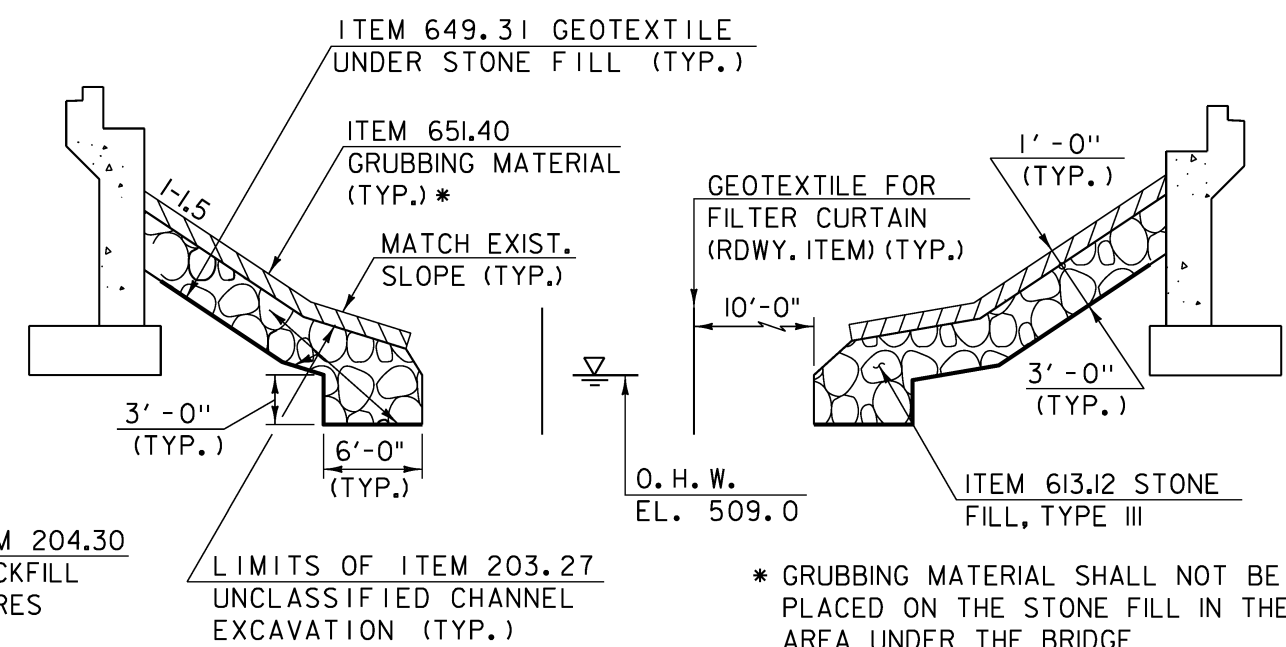
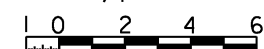
(AT WW 1 AND 3 ONLY)

SCALE 3/16" = 1'-0"



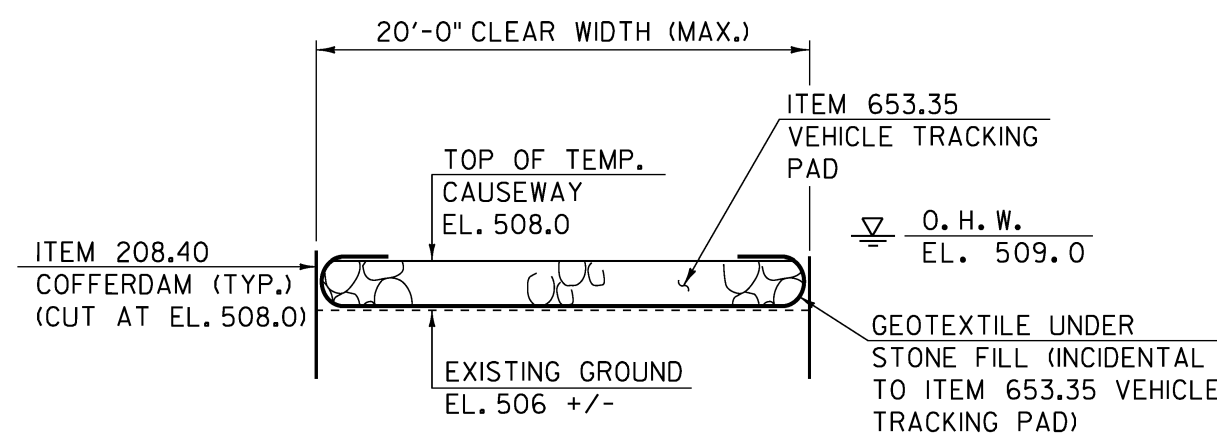
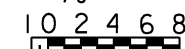
TYPICAL ABUTMENT SECTION

SCALE: 1/4" = 1'-0"



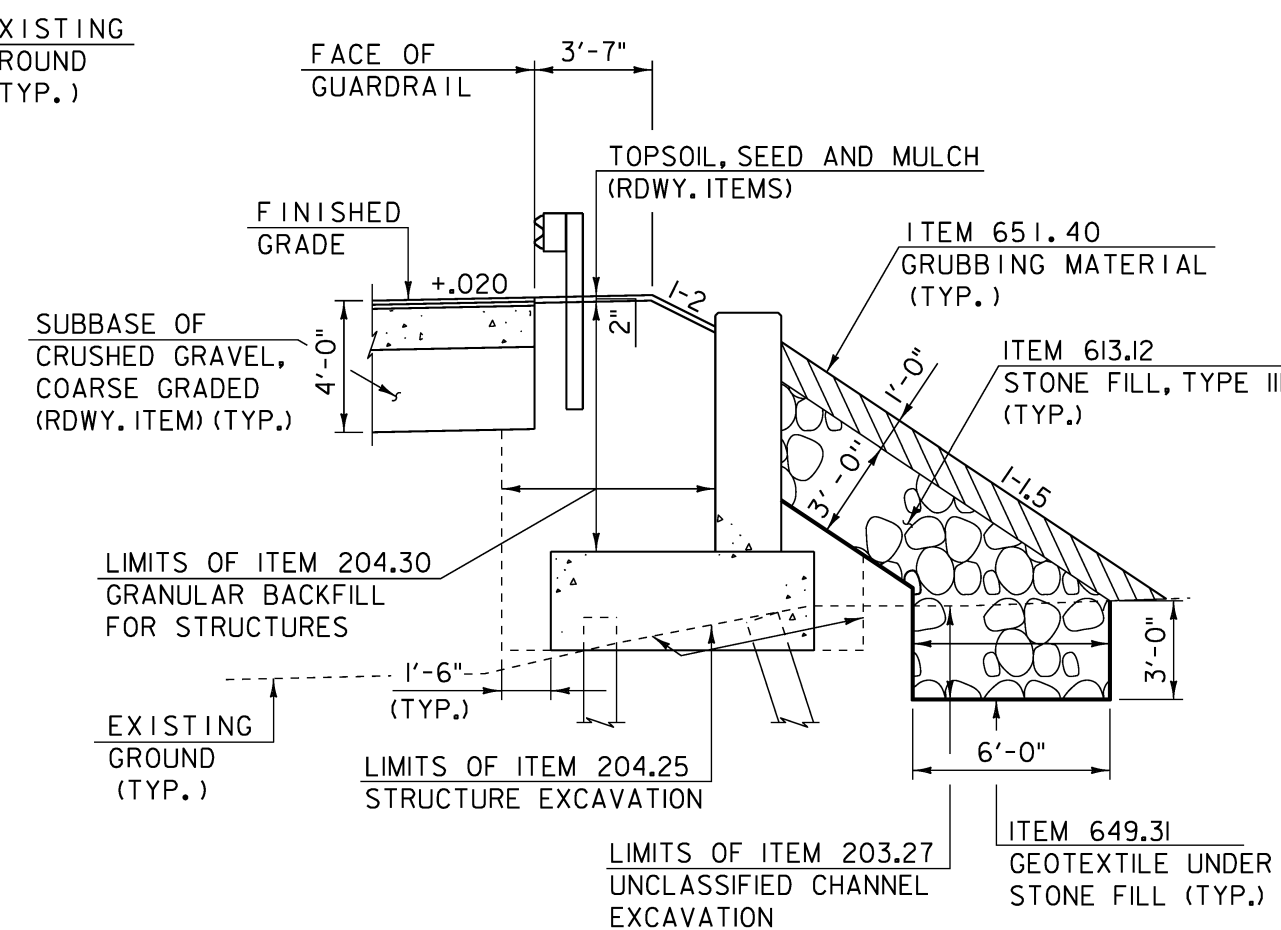
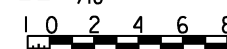
TYPICAL CHANNEL SECTION

SCALE: 1/8" = 1'-0"



TEMPORARY CAUSEWAY SECTION

SCALE 3/16" = 1'-0"



TYPICAL WINGWALL SECTION

(WW 2 AND 4 SHOWN; WW 1 AND 3 SIMILAR)

SCALE 3/16" = 1'-0"



**PROJECT
TYPICAL
SECTIONS #2**

PROJECT NAME: RUTLAND CITY
PROJECT NUMBER: BRF 3000 (19)

PROJECT LEADER: M. SARGENT
DESIGNED BY: D. D'AMATO
DWG. NO.:

PLOT DATE: \$DATE\$
DRAWN BY: D. D'AMATO
CHECKED BY: P. PERKINS
ROW SHEET 8 OF 204

CHA

FILE NAME = 8FILE\$
DATE/TIME = 8DATE\$
USER = 8USER\$

DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83 (92)

NOTE:

1. THE GRADES SHOWN TO THE NEAREST TENTH ARE THE ORIGINAL GROUND ELEVATIONS ALONG CENTERLINE. THE GRADES SHOWN TO THE NEAREST HUNDREDTH ARE THE PROPOSED GRADES ALONG CENTERLINE.

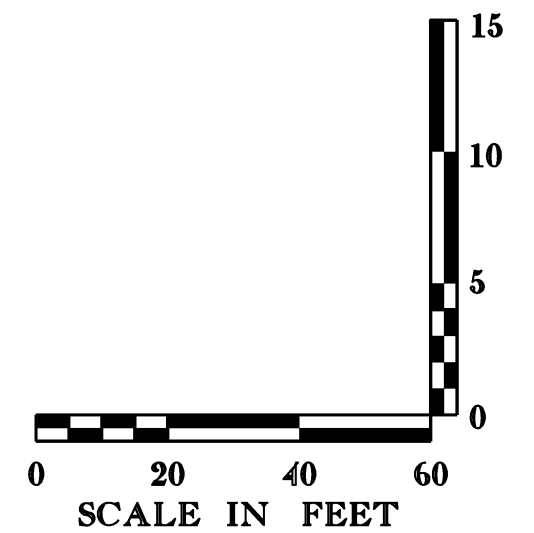
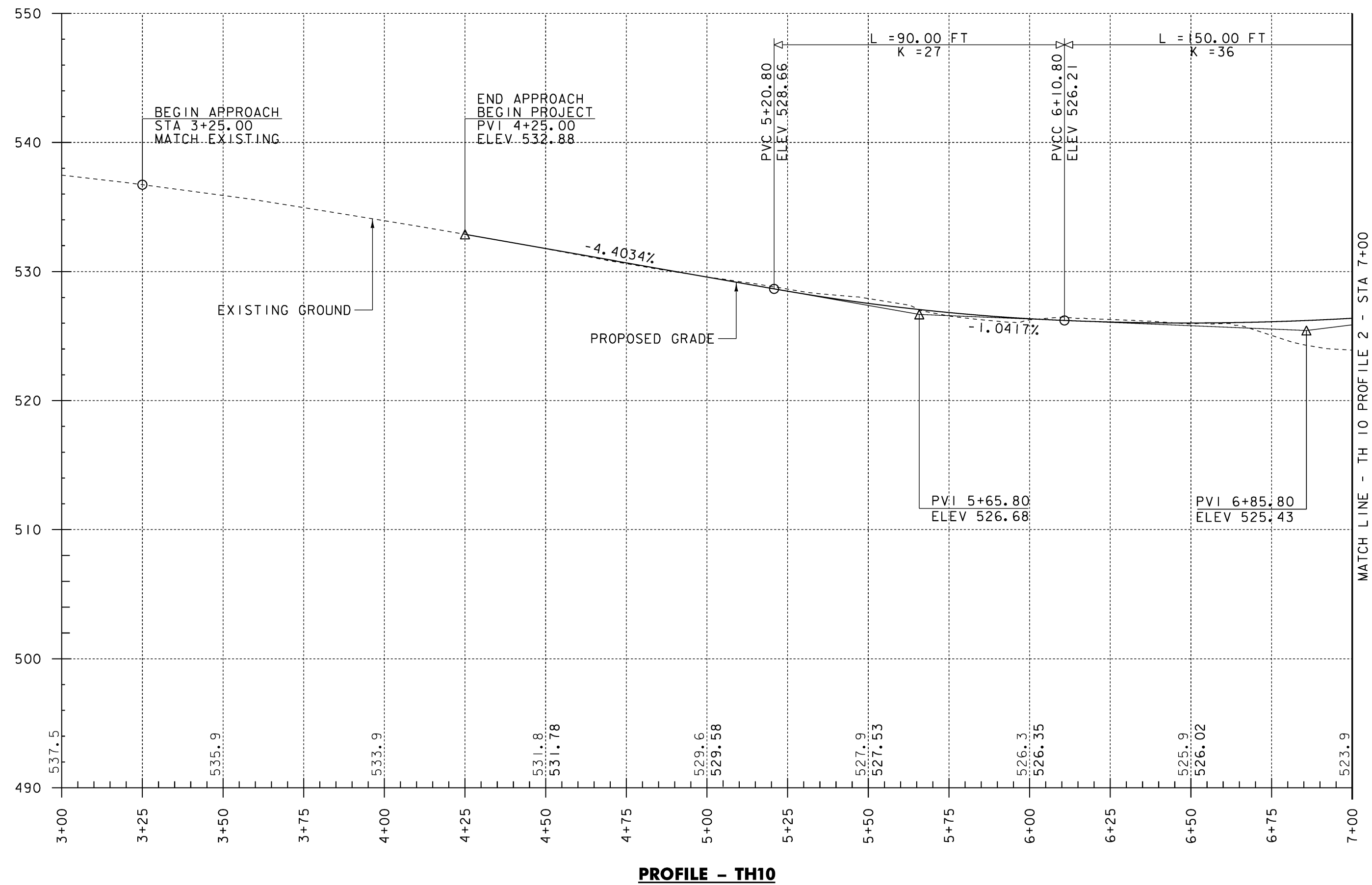
CHA

TH 10
PROFILE #1

PROJECT NAME: RUTLAND CITY
PROJECT NUMBER: BRF 3000 (19)

PROJECT LEADER: M. SARGENT
DESIGNED BY: C. HARDIN
DWG. NO.:

PLOT DATE: 8DATE\$
DRAWN BY: C. HARDIN
CHECKED BY: D. GOZALKOWSKI
ROW SHEET 9 OF 20



FILE NAME = \$FILE\$
DATE/TIME = \$DATE\$
USER = \$USER\$

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83 (92)

NOTE:

1. THE GRADES SHOWN TO THE NEAREST TENTH ARE THE ORIGINAL GROUND ELEVATIONS ALONG CENTERLINE. THE GRADES SHOWN TO THE NEAREST HUNDREDTH ARE THE PROPOSED GRADES ALONG CENTERLINE.

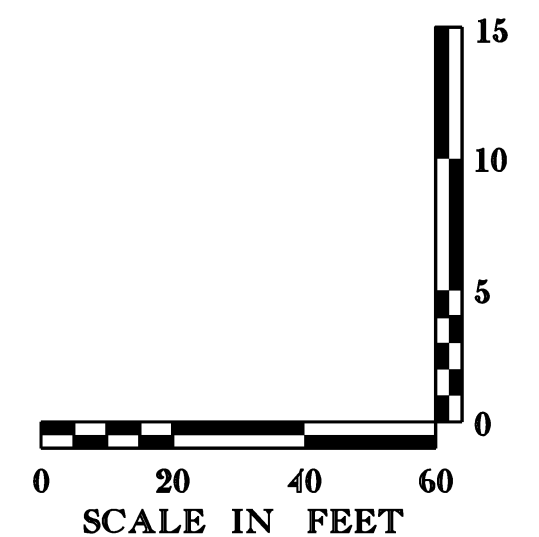
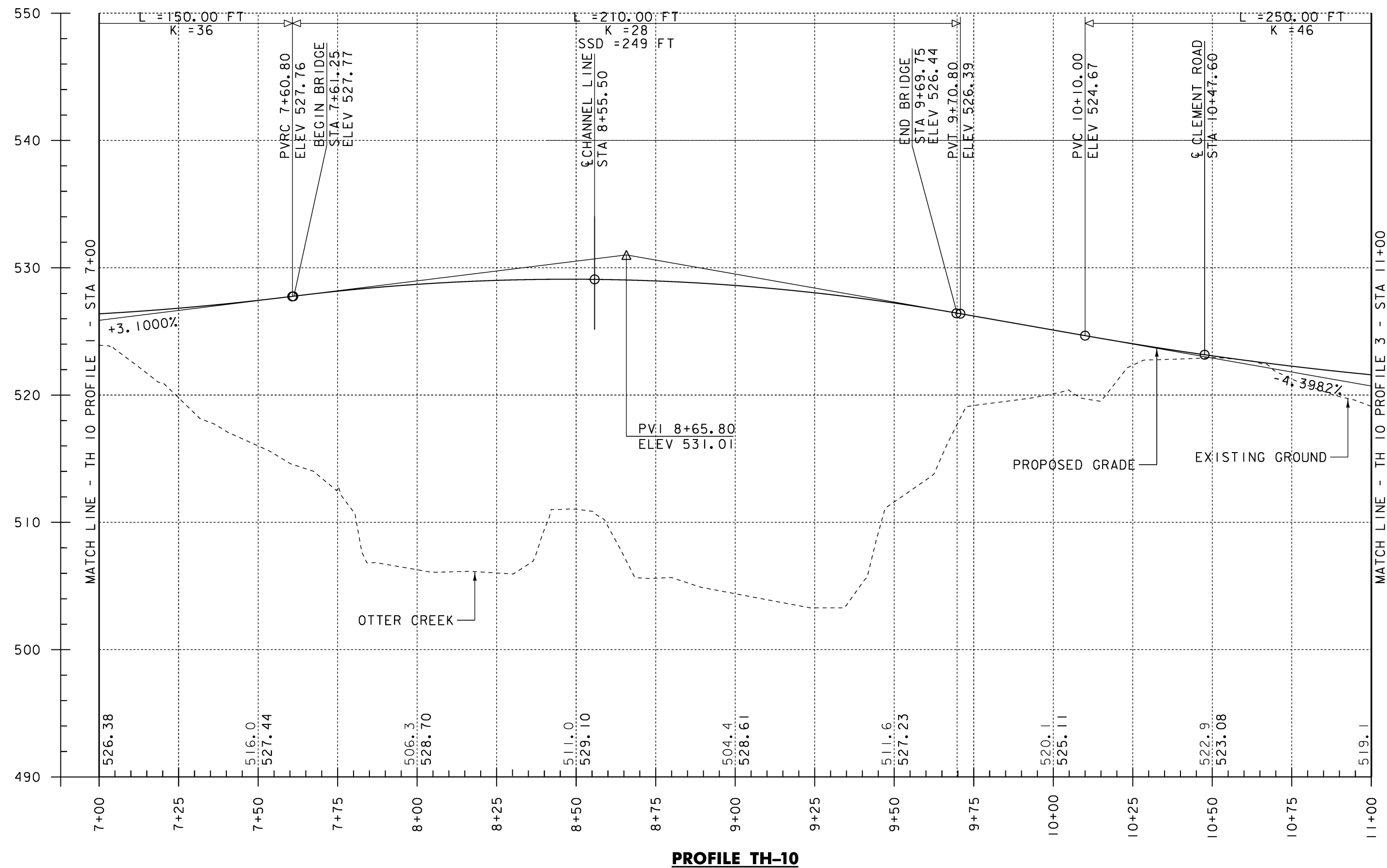
CHA

**TH 10
PROFILE #2**

PROJECT NAME: RUTLAND CITY
PROJECT NUMBER: BR 3000 (19)

PROJECT LEADER: M. SARGENT
DESIGNED BY: C. HARDIN
DWG. NO.:

PLOT DATE: \$DATE\$
DRAWN BY: C. HARDIN
CHECKED BY: D. GOZALKOWSKI
ROW SHEET 10 OF 120



FILE NAME = 8FILE\$
DATE/TIME = 8DATE\$
USER = 8USER\$

DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83 (92)

NOTE:

1. THE GRADES SHOWN TO THE NEAREST TENTH ARE THE ORIGINAL GROUND ELEVATIONS ALONG CENTERLINE. THE GRADES SHOWN TO THE NEAREST HUNDREDTH ARE THE PROPOSED GRADES ALONG CENTERLINE.

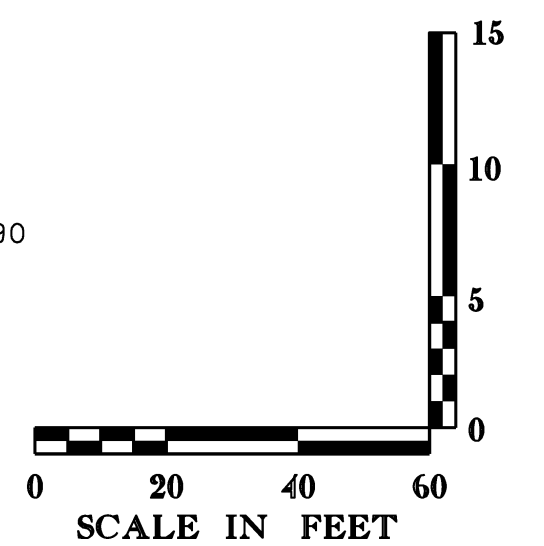
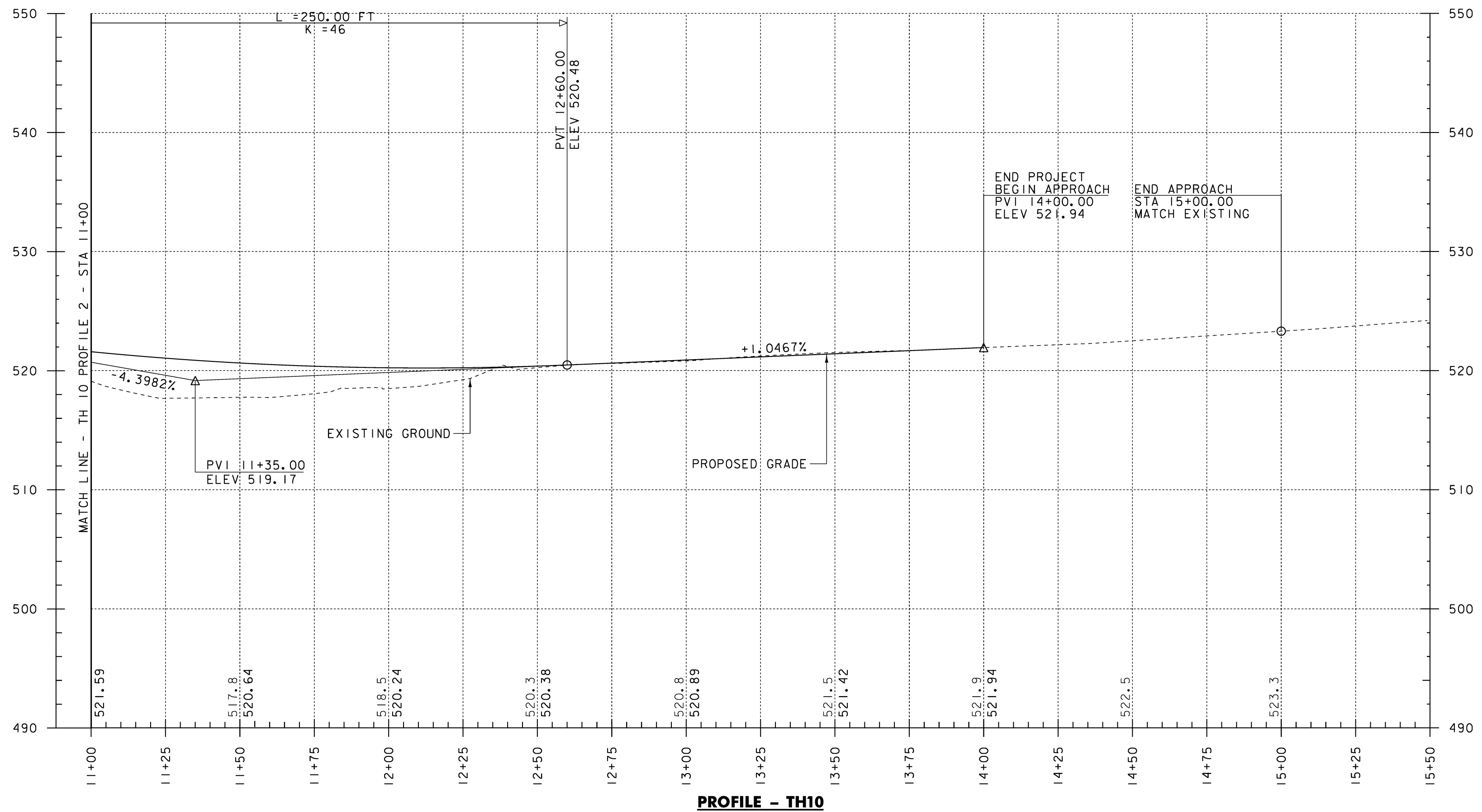
CHA

TH 10
PROFILE #3

PROJECT NAME: RUTLAND CITY
PROJECT NUMBER: BRF 3000 (19)

PROJECT LEADER: M. SARGENT
DESIGNED BY: C. HARDIN
DWG. NO.:

PLOT DATE: 8DATE\$
DRAWN BY: C. HARDIN
CHECKED BY: D. GOZALKOWSKI
ROW SHEET 11 OF 204



FILE NAME = \$FILE\$
DATE/TIME = \$DATE\$
USER = \$USER\$

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83 (92)

NOTE:
1. THE GRADES SHOWN TO THE NEAREST TENTH ARE THE ORIGINAL GROUND ELEVATIONS ALONG CENTERLINE. THE GRADES SHOWN TO THE NEAREST HUNDREDTH ARE THE PROPOSED GRADES ALONG CENTERLINE.

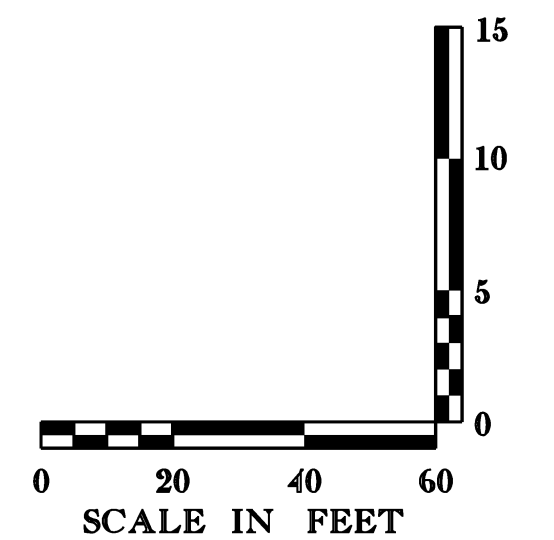
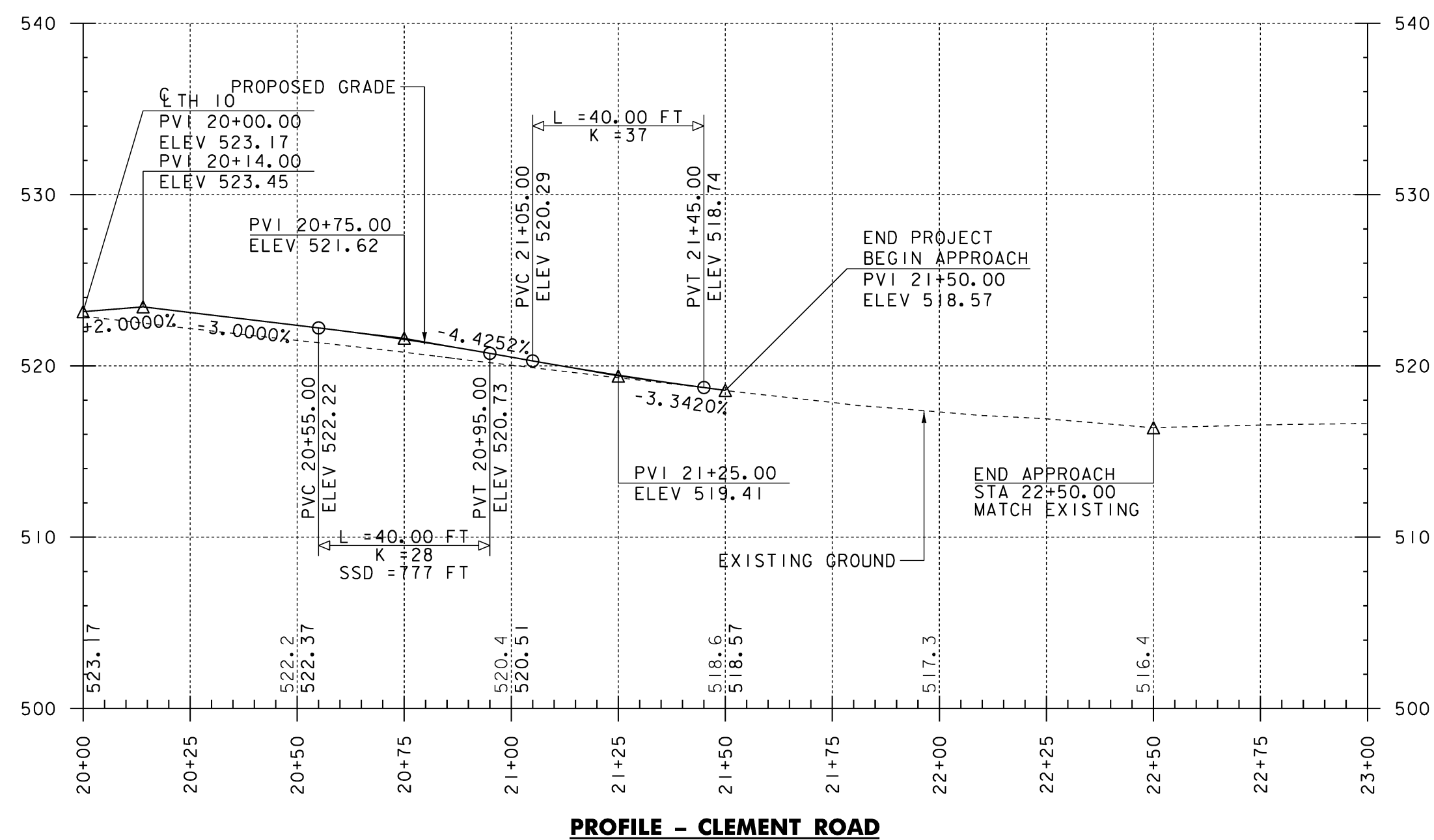
CHA

CLEMENT
ROAD
PROFILE

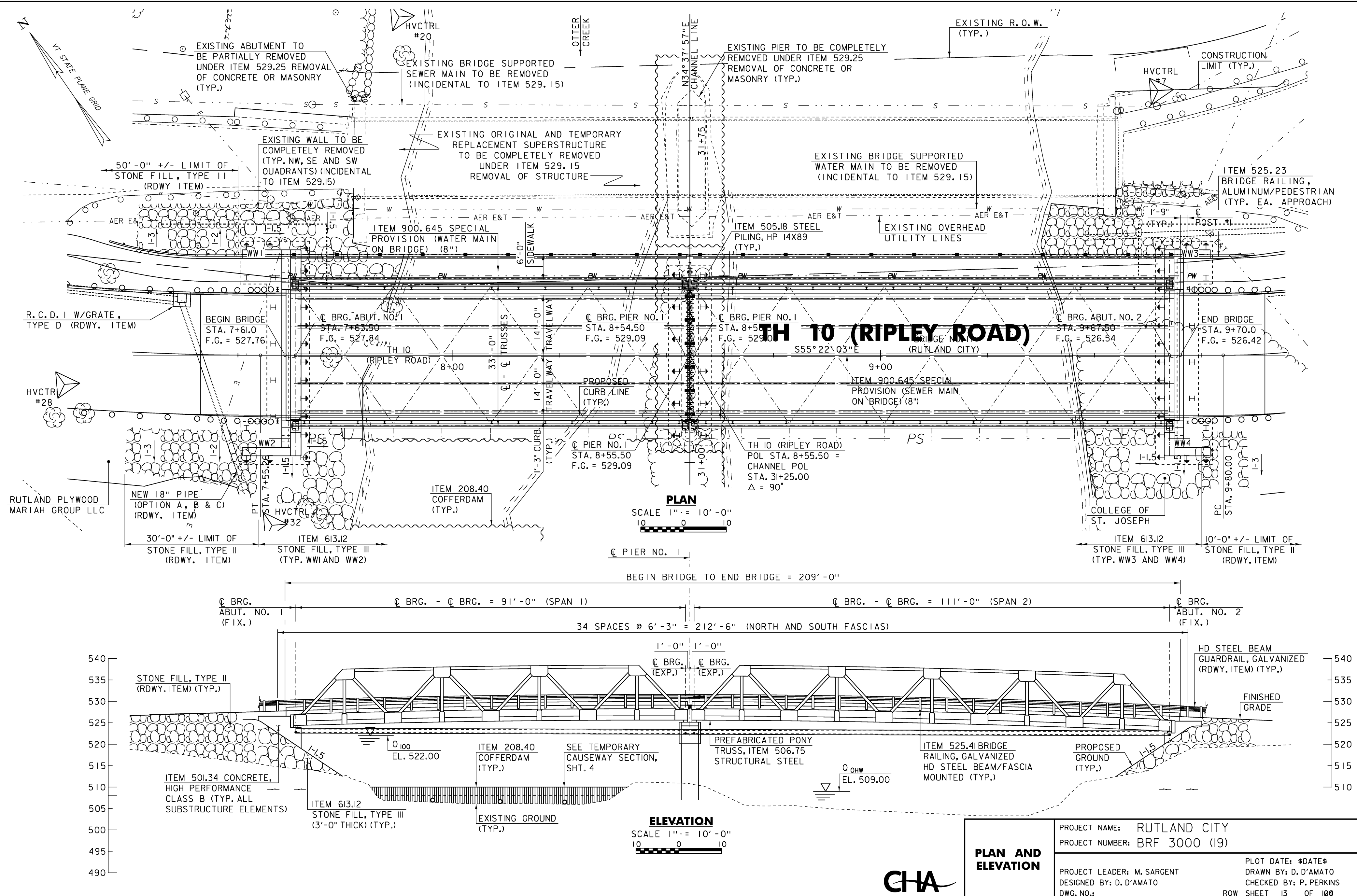
PROJECT NAME: RUTLAND CITY
PROJECT NUMBER: BRF 3000 (19)

PROJECT LEADER: M. SARGENT
DESIGNED BY: C. HARDIN
DWG. NO.:

PLOT DATE: \$DATE\$
DRAWN BY: C. HARDIN
CHECKED BY: D. GOZALKOWSKI
ROW SHEET 12 OF 204



FILE NAME = 8FILE\$
DATE/TIME = 8DATE\$
USER = 8USER\$



PRELIMINARY INFORMATION SHEET

INDEX OF SHEETS

1.	TITLE SHEET
2.	PRELIMINARY INFORMATION SHEET
3.-4.	PROJECT TYPICAL SECTIONS
5.	ROADWAY PAVING DETAILS
6.-7.	TIE SHEET
8.-11.	LAYOUT PLAN
12.-14.	TH 10 PROFILE
15.	CLEMENT ROAD PROFILE
16.-19.	RESOURCE LAYOUT PLAN
20.-21.	EPSC NARRATIVE
22.-24.	EPSC DETAILS
25.-28.	EPSC EXISTING CONDITIONS SITE PLAN
29.	EPSC TEMPORARY CONSTRUCTION SITE PLAN
30.-33.	EPSC CONSTRUCTION SITE PLAN
34.-37.	EPSC FINAL CONDITIONS SITE PLAN
38.	BORING INFORMATION SHEET
39.-43.	BORING LOG SHEET
44.	PLAN AND ELEVATION
45.-51.	TH 10 CROSS SECTIONS
52.-56.	CHANNEL CROSS SECTIONS

LIST OF STANDARDS

A-76	03-03-2003
B-1	06-01-1994
B-5	06-01-1994
B-11	06-01-1994
B-12	06-01-1994
B-71	07-08-2005
C-2B	10-14-2005
C-3A	03-10-2008
C-3B	03-10-2008
C-10	02-11-2008
D-13	01-03-2000
D-15	06-01-1994
D-20	03-03-2003
D-22	03-10-1995
E-100	01-02-2004
E-100A	01-02-2004
E-101	05-30-2003
E-102	06-30-2003
E-102A	05-01-2004
E-106	03-01-2004
E-107	06-30-2003
E-108	06-08-2009
E-110	08-08-1995
E-111	03-11-1997
E-119	03-01-2004
E-121	08-08-1995
E-131B	05-30-2003
E-134	08-08-1995
E-164	06-08-2009
E-191	02-01-1999
E-193	08-18-1995
G-1	01-03-2000
G-1D	01-03-2000
SB-R6-82	01-06-1995

SCOPE OF WORK

1. INSTALLATION OF CONSTRUCTION APPROACH SIGNING, WORK ZONE TRAFFIC MANAGEMENT PLAN AND EROSION CONTROL FEATURES. RELOCATION OF OVERHEAD UTILITIES, AS REQUIRED, AND ESTABLISHMENT OF CONSTRUCTION STAGING AREAS.
2. INSTALLATION OF TEMPORARY CAUSEWAY, COFFERDAM AND PILE FOUNDATION. CONSTRUCTION OF PROPOSED CAST-IN-PLACE CONCRETE WALL TYPE PIER.
3. INSTALLATION OF PILE FOUNDATIONS AND CONSTRUCTION OF PROPOSED CAST-IN-PLACE CONCRETE STUB ABUTMENTS.
4. INSTALLATION OF PREFABRICATED TRUSSES, FLOOR SYSTEM AND BRIDGE SUPPORTED UTILITIES.
5. INSTALLATION OF EXODERMIC CONCRETE DECK, CANTILEVERED SIDEWALK, APPROACH SLABS AND RAIL SYSTEMS.
6. CONSTRUCTION OF PROPOSED EMBANKMENTS AND RELATED OFFLINE APPROACH WORK.
7. SHIFT TRAFFIC TO NEW ALIGNMENT AND CONSTRUCT REMAINDER OF APPROACHES UNDER TEMPORARY, PARTIAL CLOSURES.
8. REMOVE TEMPORARY BRIDGE FROM EXISTING STRUCTURE AND STOCKPILE. REMOVE EXISTING SUPERSTRUCTURE AND MODIFY CONCRETE PORTION OF EXISTING ABUTMENTS. REMOVE EXISTING PIER BELOW MUDLINE.
9. COMPLETE FINAL GRADING, REMOVE EROSION CONTROL FEATURES, CLEAN UP AND DEMOBILIZE FROM SITE.

HYDROLOGIC DATA

Date:

DRAINAGE AREA :
CHARACTER OF TERRAIN :
STREAM CHARACTERISTICS :
NATURE OF STREAMBED :

PEAK FLOW DATA

Q 2.33 =
Q 10 =
Q 25 =
Q 50 =
Q 100 =
Q 500 =

DATE OF FLOOD OF RECORD :
ESTIMATED DISCHARGE :
WATER SURFACE ELEV. :

NATURAL STREAM VELOCITY :
ICE CONDITIONS :
DEBRIS :
DOES THE STREAM REACH MAXIMUM HIGHWATER ELEV. RAPIDLY?
IS ORDINARY RISE RAPID?
IS STAGE AFFECTED BY UPSTREAM OR DOWNSTREAM CONDITIONS?
IF YES, DESCRIBE :

WATERSHED STORAGE :
HEADWATERS :
UNIFORM :
IMMEDIATELY ABOVE SITE :

EXISTING STRUCTURE INFORMATION

STRUCTURE TYPE : STEEL WARREN PONY TRUSS
YEAR BUILT : 1928
CLEAR SPAN(NORMAL TO STREAM): 71.5' (SPAN 1) 91.3' (SPAN 2)
VERTICAL CLEARANCE ABOVE STREAMBED: 15.5'
WATERWAY OF FULL OPENING :
DISPOSITION OF STRUCTURE : DEMOLISH, REPLACE OR REPAIR
TYPE OF MATERIAL UNDER SUBSTRUCTURE : STRATIFIED SAND

WATER SURFACE ELEVATIONS AT:

Q2.33 =
Q10 =
Q25 =
Q50 =
Q100 =
VELOCITY =

LONG TERM STREAMBED CHANGES:

IS THE ROADWAY OVERTOPPED BELOW Q100:
FREQUENCY :
RELIEF ELEVATION :
DISCHARGE OVER ROAD @Q100 :

UPSTREAM STRUCTURE

TOWN :
HIGHWAY # :
CLEAR SPAN :
YEAR BUILT :
STRUCTURE TYPE :
DISTANCE TO STRUCTURE :
CLEAR HEIGHT :
FULL WATERWAY :

DOWNSTREAM STRUCTURE

TOWN :
HIGHWAY # :
CLEAR SPAN :
YEAR BUILT :
STRUCTURE TYPE :
DISTANCE TO STRUCTURE :
CLEAR HEIGHT :
FULL WATERWAY :

TRAFFIC DATA

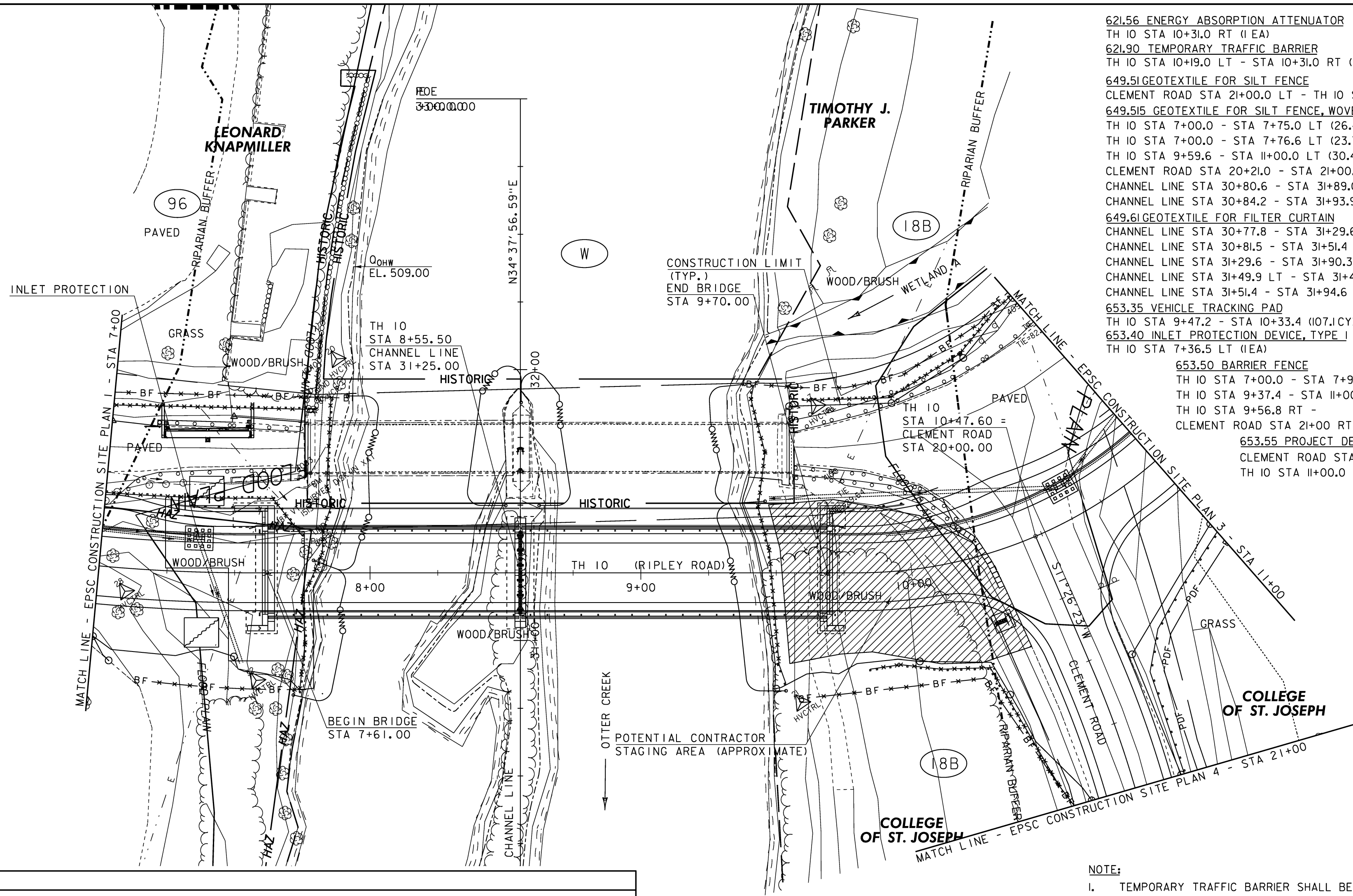
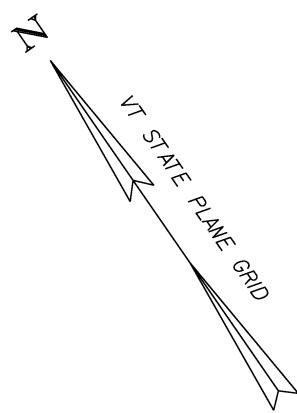
YEAR	ADT	DHV	% D	% T
2012	2100	260	61	0.8
2032	2200	270	61	1.2

20 year ESAL for flexible pavement from 2012 to 2032 : 440.00
40 year ESAL for flexible pavement from 2012 to 2052 : 1,020.00

Design Speed : 30 mph



FILE NAME = 8FILE\$
DATE/TIME = 8DATE\$
USER = 8USER\$



- 621.56 ENERGY ABSORPTION ATTENUATOR
TH 10 STA 10+31.0 RT (1 EA)
621.90 TEMPORARY TRAFFIC BARRIER
TH 10 STA 10+19.0 LT - STA 10+31.0 RT (30.0 LF)
649.51 GEOTEXTILE FOR SILT FENCE
CLEMENT ROAD STA 21+00.0 LT - TH 10 STA 11+00.0 RT (32.6 SY)
649.515 GEOTEXTILE FOR SILT FENCE, WOVEN WIRE REINFORCED
TH 10 STA 7+00.0 - STA 7+75.0 LT (26.4 SY)
TH 10 STA 7+00.0 - STA 7+76.6 LT (23.7 SY)
TH 10 STA 9+59.6 - STA 11+00.0 LT (30.4 SY)
CLEMENT ROAD STA 20+21.0 - STA 21+00.0 RT (49.3 SY)
CHANNEL LINE STA 30+80.6 - STA 31+89.0 LT (36.7 SY)
CHANNEL LINE STA 30+84.2 - STA 31+93.9 RT (37.3 SY)
649.61 GEOTEXTILE FOR FILTER CURTAIN
CHANNEL LINE STA 30+77.8 - STA 31+29.6 LT (48.7 SY)
CHANNEL LINE STA 30+81.5 - STA 31+51.4 RT (61.3 SY)
CHANNEL LINE STA 31+29.6 - STA 31+90.3 LT (61.5 SY)
CHANNEL LINE STA 31+49.9 LT - STA 31+49.9 RT (61.3 SY)
CHANNEL LINE STA 31+51.4 - STA 31+94.6 RT (60.0 SY)
653.35 VEHICLE TRACKING PAD
TH 10 STA 9+47.2 - STA 10+33.4 (107.1 CY)
653.40 INLET PROTECTION DEVICE, TYPE 1
TH 10 STA 7+36.5 LT (1 EA)
653.50 BARRIER FENCE
TH 10 STA 7+00.0 - STA 7+93.7 LT (87.8 LF)
TH 10 STA 9+37.4 - STA 11+00.0 LT (109.6 LF)
TH 10 STA 9+56.8 RT -
CLEMENT ROAD STA 21+00 RT (129.0 LF)
653.55 PROJECT DEMARCATION FENCE
CLEMENT ROAD STA 21+00.0 LT -
TH 10 STA 11+00.0 RT (92.0 LF)

LEGEND

XXX	SOIL MAP UNIT TYPE (SEE SHEET 2 FOR DETAILS)	ONNO	FILTER CURTAIN
-----	SOIL MAP UNIT BOUNDARY	-BF * * * BF * * * BF-	BARRIER FENCE
— FLOOD PLAIN —	Q ₁₀₀ FLOODPLAIN BOUNDARY	-PDF — PDF — PDF—	PROJECT DEMARCATION FENCE
--- RIPARIAN BUFFER ---	RIPARIAN BUFFER		VEHICLE TRACKING PAD
-----	ORDINARY HIGH WATER (EL: 509)		STONE AND BLOCK DROP INLET PROTECTION
— HAZ —	HAZARDOUS MATERIAL AREA	XXX	SURFACE ROUGHENING
— HISTORIC —	HISTORIC RESOURCE AREA	-----	EXISTING MAJOR CONTOUR (10' INTERVAL)
	TEMPORARY TRAFFIC BARRIER	-----	EXISTING MINOR CONTOUR (2' INTERVAL)
	SILT FENCE		
	SILT FENCE (WOVEN WIRE REINFORCED)		

SCALE 1" = 20' - 0"
20 0 20

CHA

EPSC
CONSTRUCTION
SITE PLAN #2

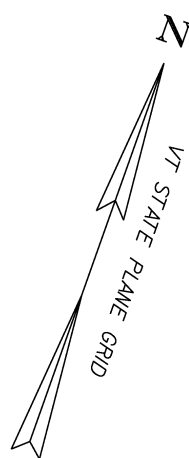
PROJECT NAME: RUTLAND CITY
PROJECT NUMBER: BRP 3000 (19)

PROJECT LEADER: M. SARGENT
DESIGNED BY: C. HARDIN

PLOT DATE: 8DATE\$
DRAWN BY: C. HARDIN
CHECKED BY: D. GOZALKOWSKI
ROW SHEET 16 OF 20

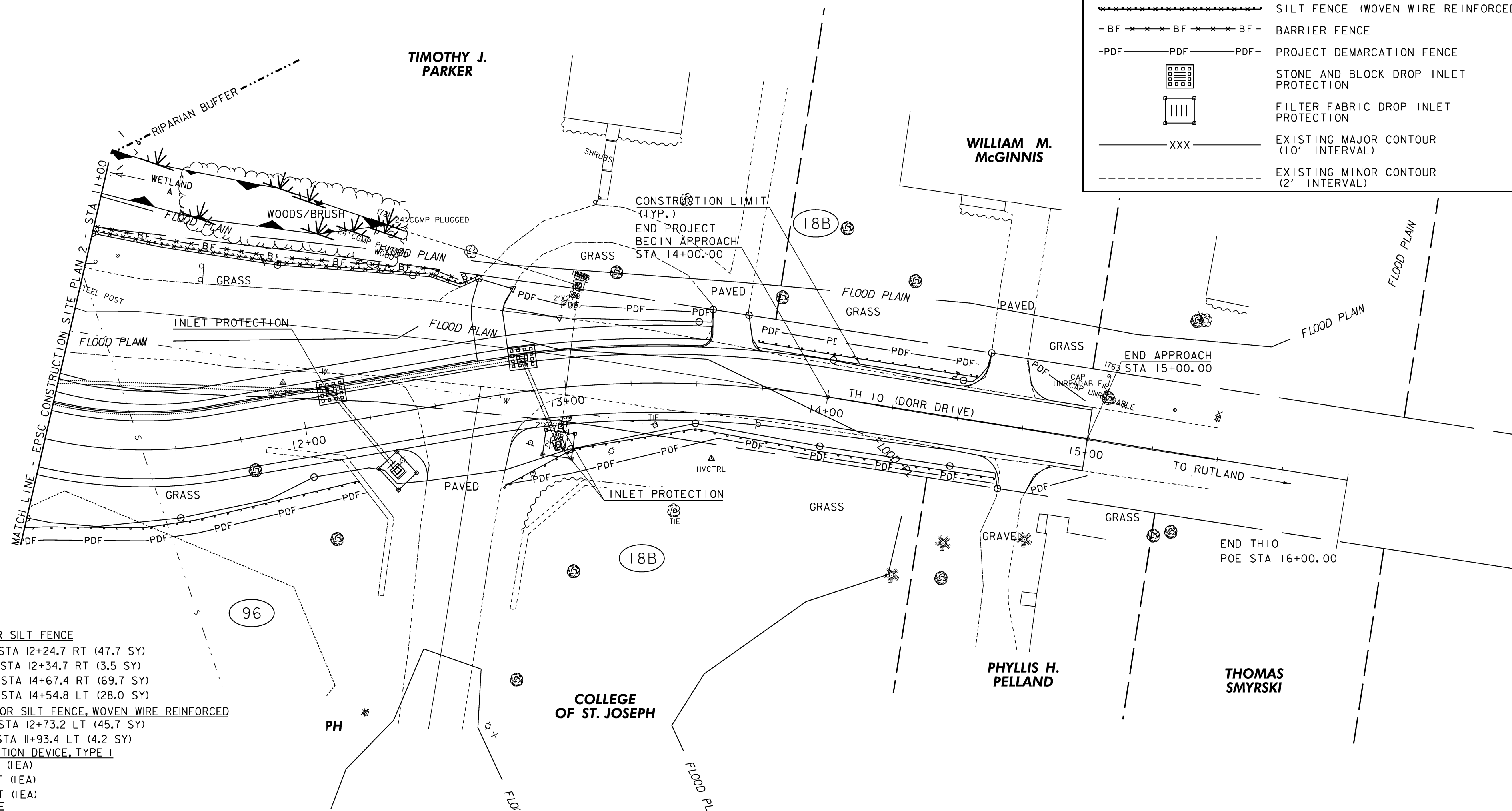
NOTE:

- TEMPORARY TRAFFIC BARRIER SHALL BE PROVIDED BETWEEN TH 10 (RIPLEY ROAD) AND CONTRACTOR STAGING AREAS WHERE EQUIPMENT OR MATERIALS ARE BEING STORED WITHIN THE ROADSIDE CLEAR ZONE (14.0' FROM EDGE OF LANE). ENERGY ABSORPTION ATTENUATOR SHALL BE PROVIDED AT END OF TEMPORARY TRAFFIC BARRIER, THAT IS LOCATED WITHIN THE CLEAR ZONE.



LEGEND

(XXX)	SOIL MAP UNIT TYPE (SEE SHEET 2 FOR DETAILS)
.....	SOIL MAP UNIT BOUNDARY
— FLOOD PLAIN —	Q ₁₀₀ FLOODPLAIN BOUNDARY
--- RIPARIAN BUFFER ---	RIPARIAN BUFFER
-----	SILT FENCE
*****	SILT FENCE (WOVEN WIRE REINFORCED)
-BF- -BF- -BF-	BARRIER FENCE
-PDF- PDF- PDF-	PROJECT DEMARCATION FENCE
	STONE AND BLOCK DROP INLET PROTECTION
	FILTER FABRIC DROP INLET PROTECTION
--- XXX ---	EXISTING MAJOR CONTOUR (10' INTERVAL)
-----	EXISTING MINOR CONTOUR (2' INTERVAL)



649.51 GEOTEXTILE FOR SILT FENCE

TH 10 STA 11+00.0 - STA 12+24.7 RT (47.7 SY)
TH 10 STA 12+26.5 - STA 12+34.7 RT (3.5 SY)
TH 10 STA 12+63.6 - STA 14+67.4 RT (69.7 SY)
TH 10 STA 13+72.0 - STA 14+54.8 LT (28.0 SY)

649.515 GEOTEXTILE FOR SILT FENCE, WOVEN WIRE REINFORCED

TH 10 STA 11+00.0 - STA 12+73.2 LT (45.7 SY)
TH 10 STA 11+87.2 - STA 11+93.4 LT (4.2 SY)

653.40 INLET PROTECTION DEVICE, TYPE I

TH 10 STA 12+12.0 LT (1EA)
TH 10 STA 12+95.3 RT (1EA)
TH 10 STA 12+97.0 RT (1EA)

653.50 BARRIER FENCE

TH 10 STA 11+00.0 - STA 12+71.6 LT (183.6 LF)

653.55 PROJECT DEMARCATION FENCE

TH 10 STA 11+00.0 - STA 12+23.7 RT (143.3 LF)
TH 10 STA 12+26.5 - STA 12+34.6 RT (10.0 LF)
TH 10 STA 12+67.0 - STA 14+68.8 RT (204.0 LF)
TH 10 STA 12+86.1 - STA 13+54.7 LT (57.5 LF)
TH 10 STA 13+72.3 - STA 14+54.8 LT (84.0 LF)
TH 10 STA 14+74.6 - STA 15+00.0 LT (27.5 LF)
TH 10 STA 14+81.5 - STA 15+00.0 RT (27.5 LF)

SCALE 1" = 20'-0"
20 0 20

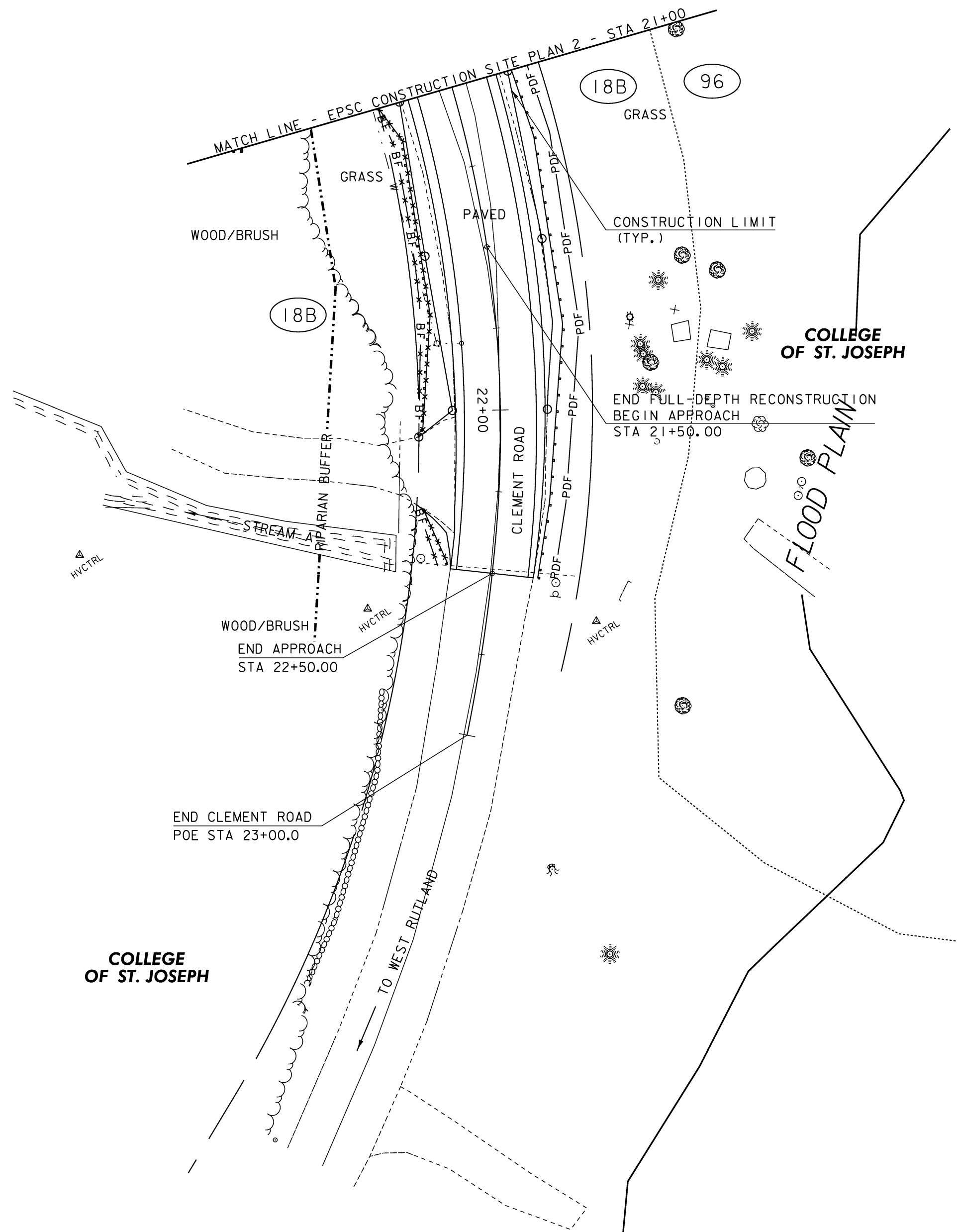
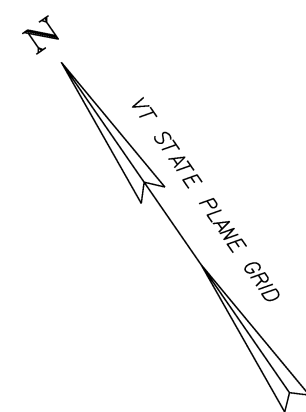
CHA

EPSC
CONSTRUCTION
SITE PLAN #3

PROJECT NAME: RUTLAND CITY
PROJECT NUMBER: BRP 3000 (19)

PROJECT LEADER: M. SARGENT
DESIGNED BY: C. HARDIN

PLOT DATE: \$DATE\$
DRAWN BY: C. HARDIN
CHECKED BY: D. GOZALKOWSKI
ROW SHEET 17 OF 20



LEGEND	
(XXX)	SOIL MAP UNIT TYPE (SEE SHEET 2 FOR DETAILS)
-----	SOIL MAP UNIT BOUNDARY
— FLOOD PLAIN —	Q ₁₀₀ FLOODPLAIN BOUNDARY
· · · · · RIPARIAN BUFFER · · · · ·	RIPARIAN BUFFER
-----	SILT FENCE
*****	SILT FENCE (WOVEN WIRE REINFORCED)
- BF - - - - - BF - - - - - BF -	BARRIER FENCE
-PDF- - - - - PDF- - - - - PDF-	PROJECT DEMARCATION FENCE
— XXX —	EXISTING MAJOR CONTOUR (10' INTERVAL)
-----	EXISTING MINOR CONTOUR (2' INTERVAL)

649.51 GEOTEXTILE FOR SILT FENCE
CLEMENT ROAD STA 21+00.0 - STA 22+50.0 LT (52.5 SY)
649.515 GEOTEXTILE FOR SILT FENCE, WOVEN WIRE REINFORCED
CLEMENT ROAD STA 21+00.0 - STA 22+50.0 RT (47.6 SY)
653.50 BARRIER FENCE
CLEMENT ROAD STA 21+00.0 - STA 22+50.0 RT (141.5 LF)
653.55 PROJECT DEMARCATION FENCE
CLEMENT ROAD STA 21+00.0 - STA 22+50.0 LT (159.6 LF)

SCALE 1" = 20'-0"
20 0 20



EPSC
CONSTRUCTION
SITE PLAN #4

PROJECT NAME: RUTLAND CITY
PROJECT NUMBER: BRF 3000 (19)

PROJECT LEADER: M. SARGENT
DESIGNED BY: C. HARDIN

PLOT DATE: \$DATE\$
DRAWN BY: C. HARDIN
CHECKED BY: D. GOZALKOWSKI
ROW SHEET 18 OF 20

FILE NAME = \$FILE\$
DATE/TIME = \$DATE\$
USER = \$USER\$

CPS CONTROL POINTS

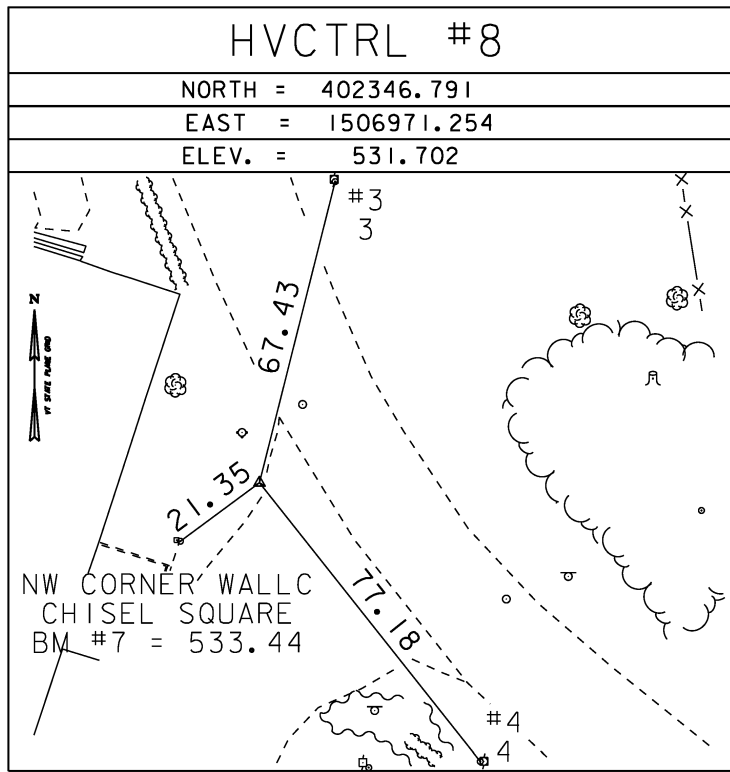
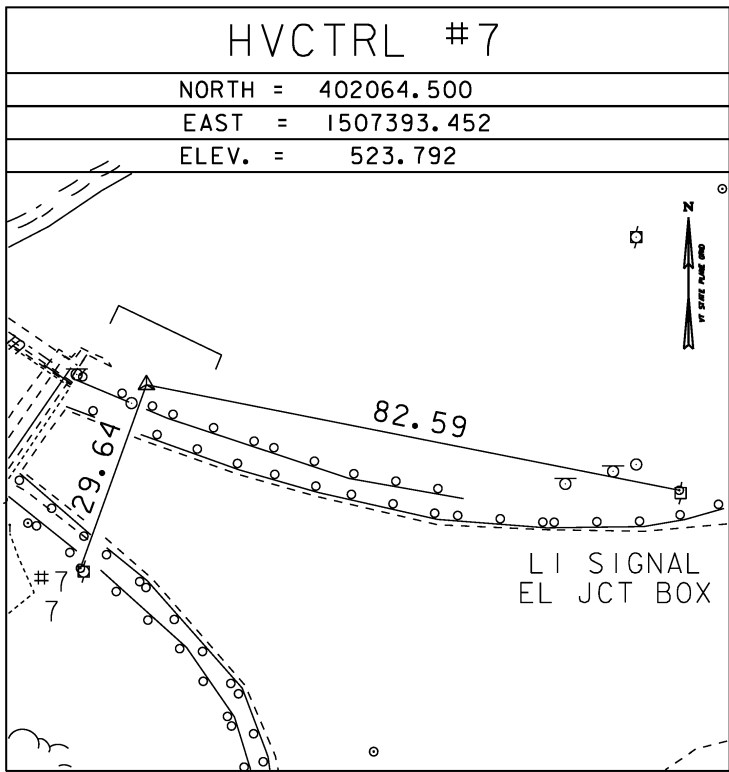
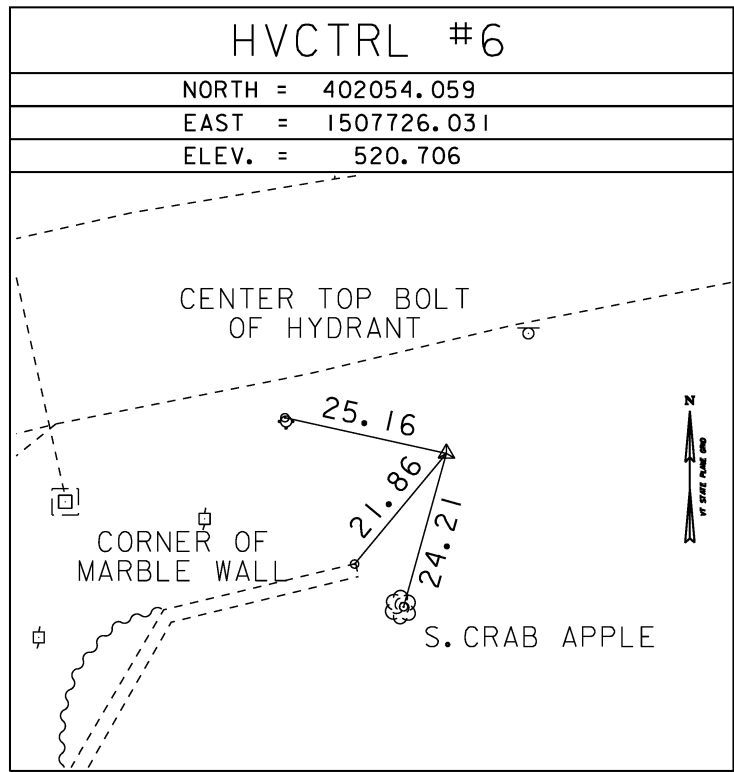
HVCTRL #1
JUNIOR
NORTH = 401716.542
EAST = 1511570.776
ELEV. = 540.347

GENERAL LOCATION, RUTLAND, VT. TO REACH FROM THE INTERSECTION OF U.S.ROUTE 7 (SOUTH MAIN STREET) AND U.S.ROUTE 4 EAST (WOODSTOCK AVENUE) GO SOUTH ALONG U.S.ROUTE 7 FOR 0.5 MI (0.8 KM) TO THE INTERSECTION OF MADISON STREET RIGHT. TURN RIGHT AND GO WEST ALONG MADISON STREET FOR 0.2 MI (0.3 KM) TO THE INTERSECTION OF STRONGS AVENUE LEFT AND RIGHT AND RIVER STREET STRAIGHT. CONTINUE STRAIGHT AHEAD AND GO WEST ALONG RIVER STREET FOR 0.5 MI (0.8 KM) TO THE INTERSECTION OF MEADOW STREET AND THE SITE OF THE MARK ON THE LEFT IN THE SOUTHWEST QUADRANT OF THE INTERSECTION. IT IS IN A GRASS STRIP BETWEEN THE ROAD AND A CONCRETE SIDEWALK. THE MARK IS SET 2 CM BELOW GROUND SURFACE IN THE TOP OF A 25 CM DIAMETER CONCRETE MONUMENT. IT IS 4.2 M (13.8 FT) SOUTH OF AND ABOUT LEVEL WITH THE CENTERLINE OF RIVER STREET, 27.6 M (90.6 FT) WEST OF THE CENTERLINE OF MEADOW STREET, 15.4 M (50.5 FT) NORTHWEST OF THE NORTHEAST CORNER OF HOUSE NO.79, AND 5.8 M (19.0 FT) EAST OF POLE NO.25/133T/20 AND A FIBERGLASS WITNESS POST.

HVCTRL #2
JUNIOR AZ MK
NORTH = 401611.277
EAST = 1509784.848
ELEV. = 530.330

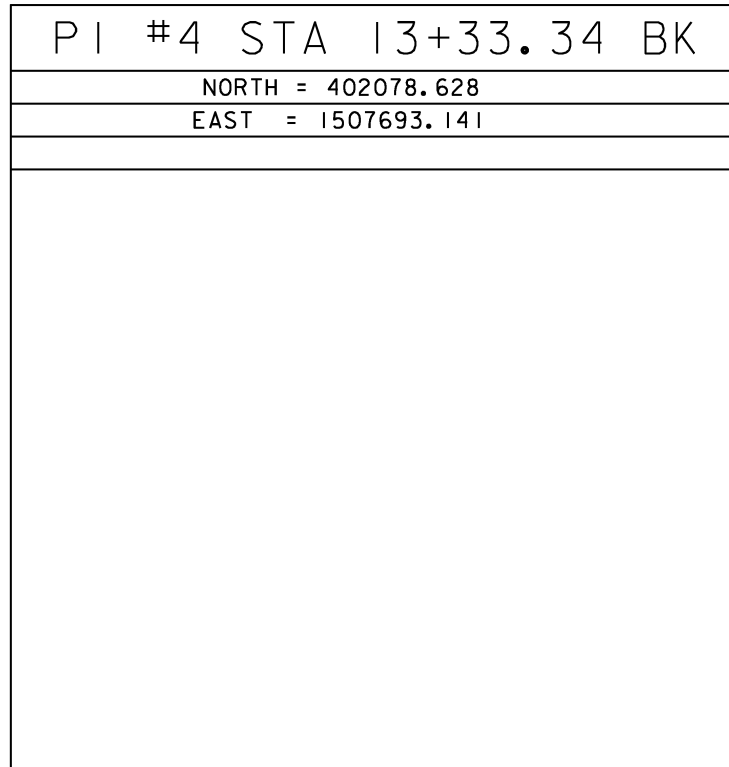
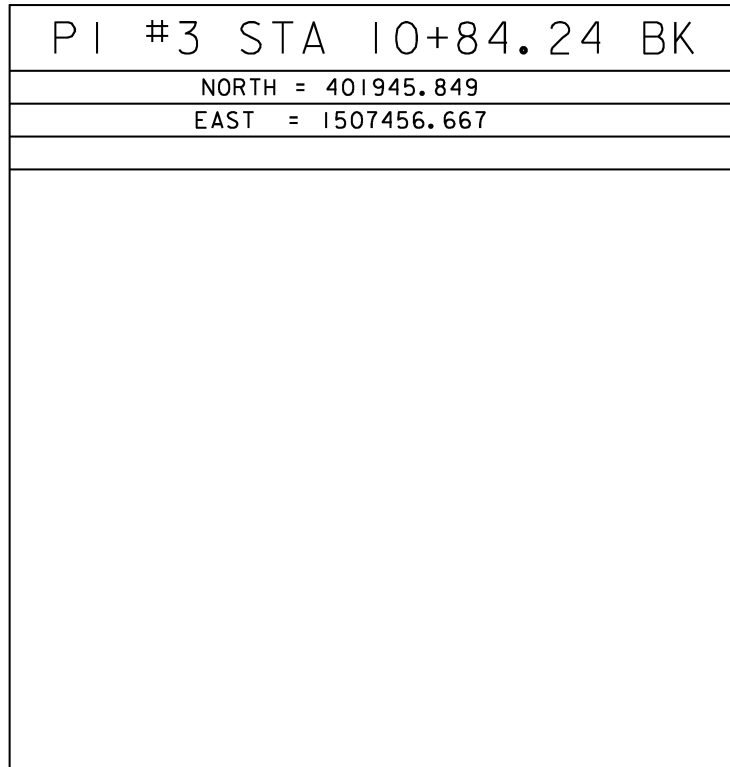
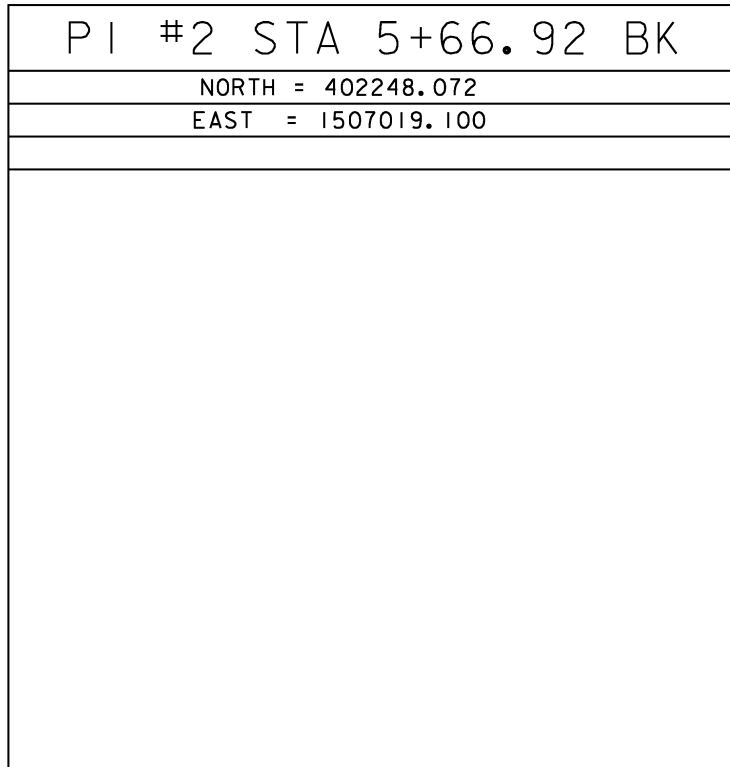
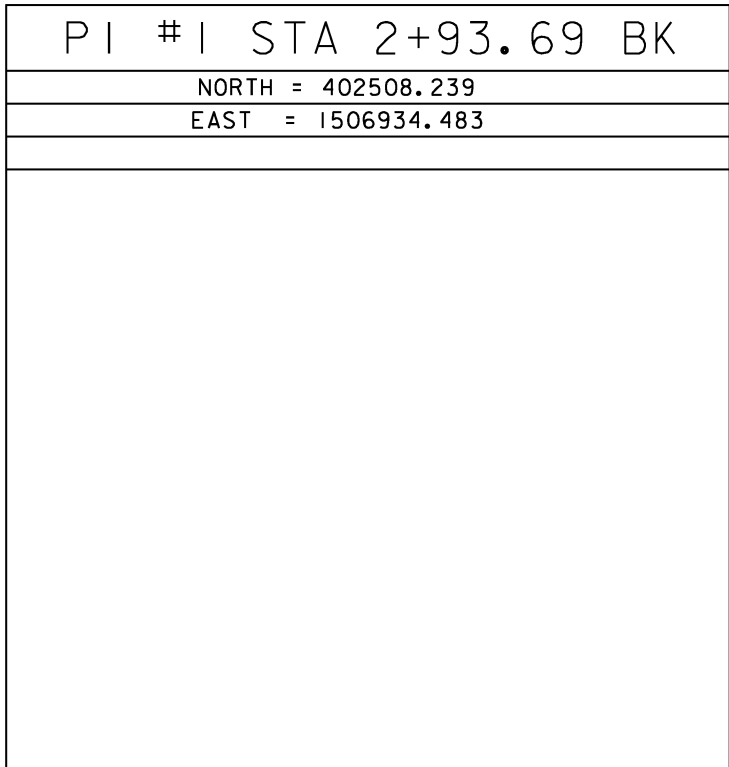
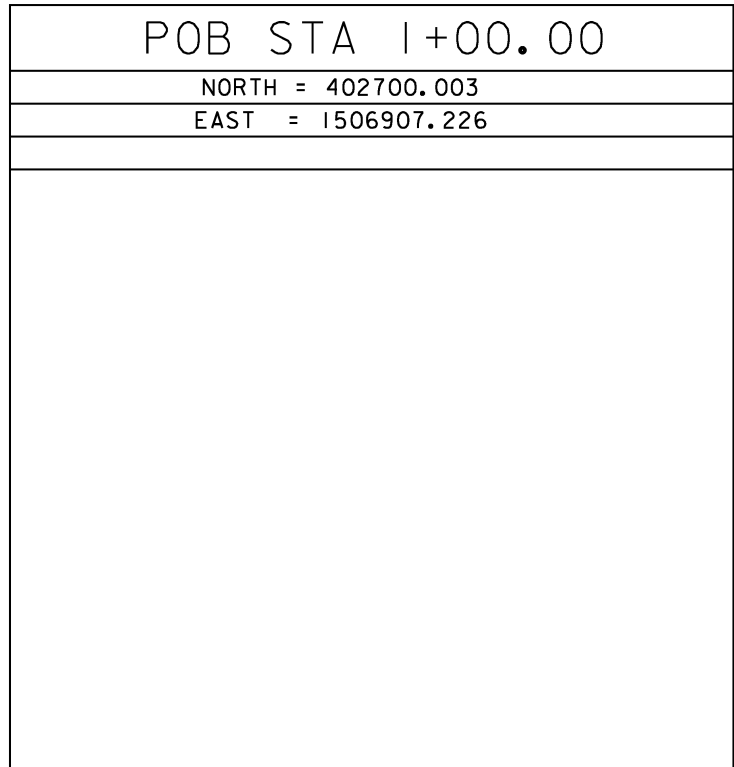
GENERAL LOCATION, RUTLAND, VT. TO REACH FROM THE INTERSECTION OF U.S.ROUTE 7 (SOUTH MAIN STREET) AND U.S.ROUTE 4 EAST (WOODSTOCK AVENUE) GO SOUTH ALONG U.S.ROUTE 7 FOR 0.5 MI (0.8 KM) TO THE INTERSECTION OF MADISON STREET RIGHT. TURN RIGHT AND GO WEST ALONG MADISON STREET FOR 0.2 MI (0.3 KM) TO THE INTERSECTION OF STRONGS AVENUE LEFT AND RIGHT AND RIVER STREET STRAIGHT. CONTINUE STRAIGHT AHEAD AND GO WEST ALONG RIVER STREET FOR 0.5 MI (0.8 KM) TO THE INTERSECTION OF MEADOW STREET. CONTINUE STRAIGHT AHEAD AND GO WEST ALONG RIVER STREET FOR 0.4 MI (0.6 KM) TO THE T- INTERSECTION OF DORR DRIVE AND THE SITE OF THE MARK STRAIGHT AHEAD. THE MARK IS SET 5 CM BELOW GROUND SURFACE IN THE TOP OF A 25 CM DIAMETER CONCRETE MONUMENT. IT IS 7.2 M (23.6 FT) NORTH NORTHWEST OF AND ABOUT LEVEL WITH THE CENTERLINE INTERSECTION OF RIVER STREET AND DORR DRIVE, 20.4 M (66.9 FT) NORTHWEST OF A POLE, 24.7 M (81.0 FT) SOUTH OF POLE NO.37, AND 0.6 M (2.0 FT) EAST NORTHEAST OF POLE NO.133T/32 AND A FIBERGLASS WITNESS POST.

TRAVERSE TIES



* Main Traverse Completed 2/10/09 by L.Orvis & R.Bockus

ALIGNMENT TIES



FILE NAME = \$FILE\$
DATE/TIME = \$DATE\$
USER = \$USER\$

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83(92)
ADJUSTMENT	Compass



TIE
SHEET #1

PROJECT NAME: RUTLAND CITY	PLOT DATE: \$DATE\$
PROJECT NUMBER: BRF 3000 (19)	DRAWN BY: C.HARDIN
PROJECT LEADER: M.SARGENT	CHECKED BY: D.GOZALKOWSKI
DESIGNED BY: C.HARDIN	DWG. NO.:
ROW SHEET 19 OF 1020	

FILE NAME = \$FILE\$
DATE/TIME = \$DATE\$
USER = \$USER\$

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83(92)
ADJUSTMENT	Compass

ALIGNMENT TIES

POE STA 16+00.00
NORTH = 402127.109
EAST = 1507956.583

ALIGNMENT TIES

POB STA 20+00.00
NORTH = 401978.820
EAST = 1507432.678

PI #5 STA 21+48.67 BK
NORTH = 401833.102
EAST = 1507403.191

PI #6 STA 22+69.71 BK
NORTH = 401737.062
EAST = 1507323.326

POE STA 23+00.00
NORTH = 401716.007
EAST = 1507301.475



TIE
SHEET #2

PROJECT NAME: RUTLAND CITY	
PROJECT NUMBER: BRF 3000 (19)	
PROJECT LEADER: M. SARGENT	PLOT DATE: \$DATE\$
DESIGNED BY: C. HARDIN	DRAWN BY: C. HARDIN
DWG. NO.:	CHECKED BY: D. GOZALKOWSKI
ROW	SHEET 20 OF 1020