VT 100A CURVE DATA
DELTA = 15° 17′ 16" RT
D = 6° 01′ 52"
R = 950.00′
T = 127.50′
L = 253.48′
E = 8.52′

REMOVAL AND DISPOSAL OF GUARD RAIL
STA 109+76 LT - 110+03 LT
STA 109+77 RT - 110+03 RT
STA 111+18 LT - 112+26 LT
STA 111+18 RT - 112+27 RT

SPECIAL PROVISION (BRIDGE RAILING, GALVANIZED 2 RAIL BOX BEAM/CURB MOUNTED)
STA 109+93.7 - 111+26.9 LT
STA 109+93.6 - 111+26.9 RT

SPECIAL PROVISION (GUARDRAIL APPROACH SECTION, GALVANIZED 2 RAIL BOX)
STA 109+72.0 - 109+93.7 LT
STA 109+68.3 - 109.93.6 RT
STA 111+26.9 - 111+51.9 LT & RT

REMOVAL OF STRUCTURE
STA 110+50 RT

VT STATE PLANE GRID

NOTE:
ADJUST NEW EDGE LINE TO MATCH EXISTING EDGE LINE AT BEGIN/END APPROACH

EXISTING BRIDGE DATA
STEEL THROUGH TRUSS
LENGTH = 113 FT
WIDTH = 21.3 FT CURB TO CURB
BUILT IN 1928
TEMPORARY INSTALLED DECEMBER, 2005

BEGIN PROJECT
STA. 109+50.00

PI VT 100A
108+74.02

BEGIN APPROACH
STA. 108+50.00

℄ BEARING
STA. 110+05.00
F.G. 856.45

℄ BEARING
STA. 111+15.54
F.G. 856.04

BM#2
USGS STAND. STAMP 9 WHC 1963 854
ELEV.854.041

BEGIN BRIDGE
STA. 110+02.50
F.G. 856.44

END BRIDGE
STA. 111+18.84
F.G. 856.02

END PROJECT
STA. 112+00.00

END APPROACH
STA. ~~113+00.00~~
115+05.00

LIMITS OF CONSTRUCTION

STONE FILL TYPE IV

EXISTING TEMPORARY BRIDGE CONSTRUCTION LIMITS
STA 112+41

VT 100A STA. 110+60.00 =
CHANNEL STA. 4+00.00
Δ = 85°-00′-00" LT

BM#1
CH.SQ.N.W.COR. GRANGE HALL STEPS
ELEV.858.166

N 0° 00′ 00.97"E
N 15° 17′ 16.60"E
N 69° 42′ 43.40" W

HD STEEL BEAM GUARD RAIL, GALVANIZED
STA 109+69.2 - 109+72.0 LT
STA 109+56.9 - 109+68.3 RT
STA 111+51.9 - 112+52.5 LT & RT

ANCHOR FOR STEEL BEAM RAIL
STA 109+69.2 LT
STA 109+56.9 RT
STA 112+52.5 LT & RT

DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
STA 108+50 - 109+39 & 109+68 - 113+00 LT
STA 108+50 - 113+00 RT
(TAPER APPROACH TO MATCH EXISTING)

DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
STA 108+50 - 109+25 & 109+75 - 113+00

SCALE 1" = 20′-0
20 0 20

TRAFFIC SIGN SUMMARY SHEET

STA.	SIGN LEGEND	SIGN DIMENSIONS	NEW SIGNS	NO. OF POST	NEW SIGN POSTS	REMARKS	SIGN DETAIL STD. SHEET NO.
		WIDTH (in)	"A"		SQUARE STEEL	W3-1A	E-150
112+41 RT		36.0	9.0SF	2.0	(in) 2.00		
		HEIGHT (in)			(lb/ft) 2.42		
		36.0			22 FT		

PROJECT NAME: BRIDGEWATER
PROJECT NUMBER: BRS 0149(4)

FILE NAME: s86e062bdr.dgn
PROJECT LEADER: K. HIGGINS
DESIGNED BY: T. FILLBACH
LAYOUT

PLOT DATE: 25-JAN-2010
DRAWN BY: J. SALVATORI
CHECKED BY: T. FILLBACH
SHEET 9 OF 58