CURVE I
DELTA = 35°10'45"
D = 6°21'58"
R = 900.00'
T = 285.32'
L = 552.60'
E = 42.14'

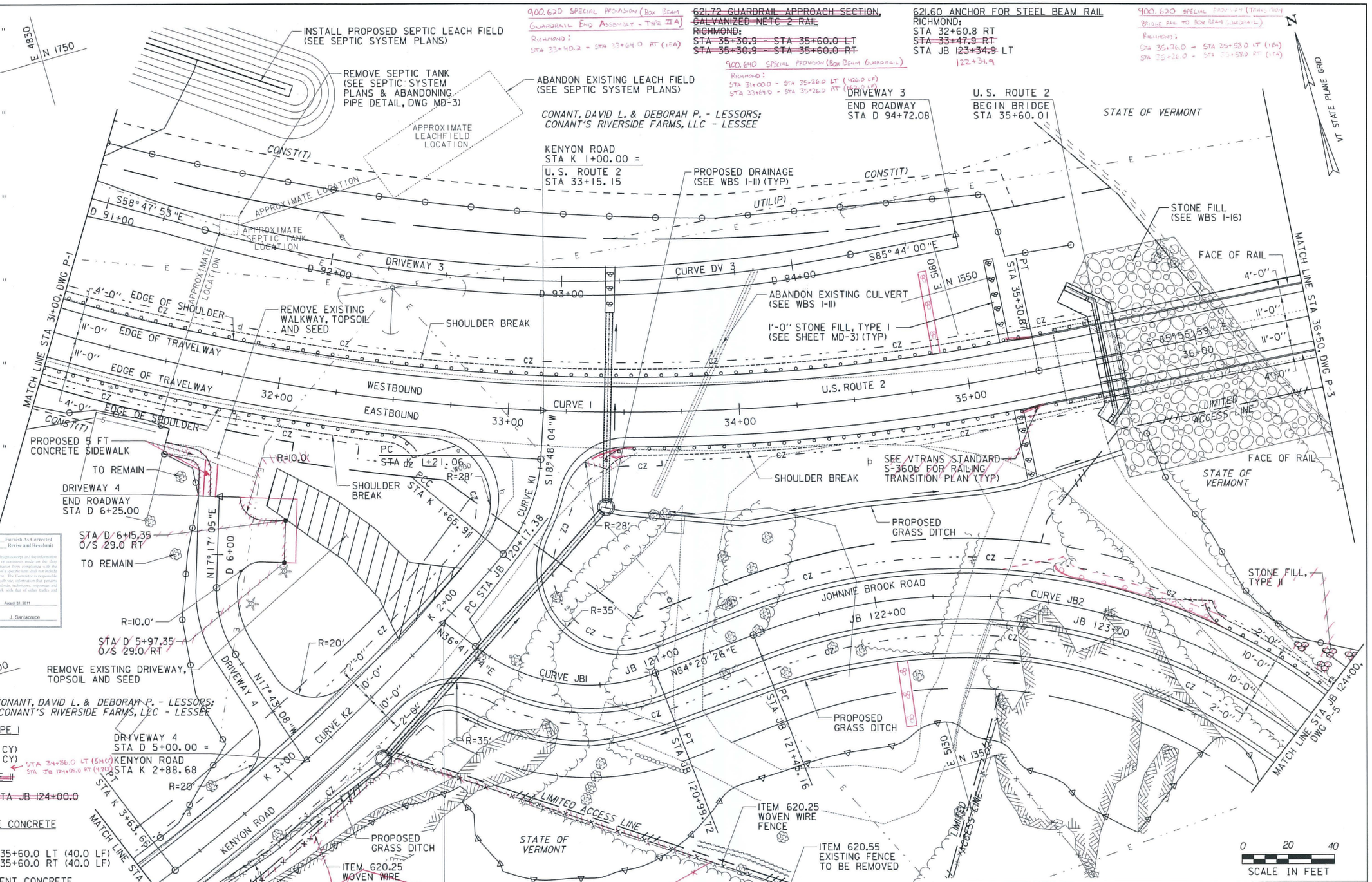
CURVE K1
DELTA = 36°42'45"
D = 81°51'04"
R = 70.00'
T = 22.23
L = 44.85'
E = 3.75'

CURVE K2
DELTA = 12°22'58"
D = 6°15'43"
R = 915.00'
T = 99.26'
L = 197.75'
E = 5.37'

CURVE JB1
DELTA = 58°58'21"
D = 7°37'11"
R = 80.00'
T = 45.24'
L = 82.34'
E = 11.90'

CURVE JB2
DELTA = 61°12'06"
D = 22°55'06"
R = 250.00'
T = 147.85'
L = 267.04'
E = 40.45'

CURVE DV3
DELTA = 26°56'07"
D = 9°32'57"
R = 600.00'
T = 143.69'
L = 282.07'
E = 16.97'



613.10 STONE FILL, TYPE I
RICHMOND:
STA 35+18.0 LT (5.4 CY)
STA 35+18.0 RT (4.4 CY)
STA 34+86.0 LT (5.4 CY)
STA JB 124+08.0 RT (4.2 CY)

~~613.11 STONE FILL, TYPE II~~
RICHMOND:
~~STA JB 123+75.0 - STA JB 124+00.0 LT (25.2 CY)~~

616.28 CAST-IN-PLACE CONCRETE CURB, TYPE B
RICHMOND:
STA 35+20.0 - STA 35+60.0 LT (40.0 LF)
STA 35+20.0 - STA 35+60.0 RT (40.0 LF)

618.10 PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
RICHMOND:
~~STA 31+57.0~~ STA 31+80.0 RT ~~(20.0~~ 8.3 SY)

620.25 WOVEN WIRE FENCE WITH STEEL POSTS
RICHMOND: 300.0
STA K ~~2+61.0~~ - STA K 3+75.0 LT (~~114.0~~ 80.0 LF)
STA JB ~~120+19.0~~ - STA JB ~~122+55.0~~ RT (344.0 LF)
120+38.0 123+83.0

620.55 REMOVAL OF EXISTING FENCE
RICHMOND:
STA K 2+61.0 - STA K 3+75.0 LT (~~114.0~~ 112.5 LF)
STA JB 120+19.0 - STA JB ~~122+55.0~~ RT (~~344.0~~ 429.0 LF)
123+83.0

~~621.72 GUARDRAIL APPROACH SECTION, GALVANIZED NETC 2 RAIL~~
~~RICHMOND:~~
~~STA 35+30.9 - STA 35+60.0 LT~~
~~STA 35+30.9 - STA 35+60.0 RT~~

900.620 SPECIAL PROVISION (BOX BEAM GUARDRAIL END ASSEMBLY - TYPE II A)
RICHMOND:
STA 33+40.2 - STA 33+64.0 RT (1 EA)

900.640 SPECIAL PROVISION (BOX BEAM GUARDRAIL)
RICHMOND:
STA 31+00.0 - STA 35+26.0 LT (426.0 LF)
STA 33+64.0 - STA 35+26.0 RT (162.0 LF)

621.60 ANCHOR FOR STEEL BEAM RAIL
RICHMOND:
STA 32+60.8 RT
~~STA 33+47.9 RT~~
STA JB ~~123+34.9~~ 122+34.9 LT

900.620 SPECIAL PROVISION (TRANSITION BRIDGE RAIL TO BOX BEAM GUARDRAIL)
RICHMOND:
STA 35+26.0 - STA 35+58.0 LT (1 EA)
STA 35+26.0 - STA 35+58.0 RT (1 EA)

621.20 STEEL BEAM GUARDRAIL, GALVANIZED
RICHMOND:
STA 31+00.0 - STA 32+67.3 RT (167.3 LF)
~~STA 31+00.0 - STA 35+30.9 LT (430.9 LF)~~
~~STA 33+41.4 - STA 35+30.9 RT (189.5 LF)~~
STA JB ~~123+28.4~~ - STA JB 124+00.0 LT (~~71.6~~ 171.6 LF)
121+28.4

X Reviewed — Furnish As Corrected
Rejected — Revise and Resubmit
This review is only for general conformance with the design concepts and the information given in the Contract Documents. Corrections or comments made on the shop drawings during this review do not relieve the Contractor from compliance with the requirements of the Plans and Specifications. Review of a specific item shall not include review of an assembly of which an item is a component. The Contractor is responsible for dimensions to be confirmed and correlated at the job site, information that pertains solely to the fabrication process or to the means, methods, techniques, sequences and procedures of construction, coordination of the Work with that of other trades and performing all Work in a safe and satisfactory manner.
Date: August 31, 2011
By: J. Santacruce
McFarland Johnson

PROJECT LAYOUT SHEET #2

PROJECT NAME: RICHMOND
PROJECT NUMBER: STP-RS 0284(11)

FILE NAME: z90c092_L02_14.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: B.T.H.
DWG. NO.: P-2
PLOT DATE: 8/25/2011
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 8 OF 46

FILE NAME = V:\P-Projects\ANY\K2-22876\CADD_MSTN\WBS (1-14) ROADWAY DESIGN\z90c092_L02_14.dgn
DATE/TIME = 8/25/2011
USER = 3006