

**CURVE 1 DATA**  
 $\Delta=47^{\circ}00'40.98''$  RT  
 $D=45^{\circ}50'11.84''$   
 $R=125.00$   
 $T=54.37'$   
 $L=102.56'$   
 $E=11.31'$   
 BANKING=NORMAL

ROBERT C. CHASE  
 49 ACRES

PI#1  
 STA. 101+17.82 BK=  
 STA. 101+11.64 AHD  
 $\Delta=47^{\circ}00'40.98''$  RT

BENCHMARK #4  
 ELEV. = 384.34

HVCTRL #4  
 NORTH = 833435.60  
 EAST = 1546243.08  
 ELEV. = 385.26

PROPOSED EDGE OF  
 PAVEMENT (TYP.)

BEGIN PROJECT  
 END APPROACH  
 STA. 101+10.00

BEGIN APPROACH  
 LIMITS OF PAVEMENT  
 STA. 101+00.00

T.H. NO. 49  
 (BRIDGE STREET)

To T.H. No. 50  
 $N13^{\circ}26'08.04''E$

W5-3  
 ONE LANE  
 BRIDGE

VR-017  
 LEGAL LOAD  
 LIMIT  
 12,000  
 POUNDS

STA. 100+25.00  
 RT. 12.0'

**EXISTING COVERED BRIDGE**  
 QUEEN POST COVERED BRIDGE  
 66'-10" OVERALL SPAN  
 60' CLEAR SPAN  
 CONSTRUCTED 1865  
 13'-7" ROADWAY  
 WOODEN DECK  
 8'-2 1/2" (MIN.) CLEAR HEIGHT  
 LAID UP STONE ABUTMENT NO. 1  
 LAID UP STONE AND PARTIALLY  
 CONCRETE ENCASED ABUTMENT NO. 2

REMOVE MEDIUM  
 MAPLE TREE  
 BOLLARD TO BE  
 REMOVED (TYP.)  
 (SEE NOTE 4)

REMOVE 2 MEDIUM  
 BOXELDER TREES

WINGWALL NO. 1

BEGIN BRIDGE  
 STA. 101+54.85  
 F.G. = 385.88

ABUTMENT NO. 1

APPROXIMATE EXISTING R.O.W.

NG0°26'49.01"E  
 102+00

ABUTMENT NO. 2

BRIDGE NO. 50

APPROXIMATE EXISTING R.O.W.

END BRIDGE  
 STA. 102+18.21  
 F.G. = 385.88

REMOVE SAND  
 BARRIER (TYP.)  
 (SEE NOTE 4)

INSTALL 3'-0" THICK  
 TYPE III STONE FILL

PI#2  
 STA. 102+23.76 BK=  
 STA. 102+23.52 AHD  
 $\Delta=20^{\circ}37'26.17''$  LT

REMOVE 4 BOXELDER  
 TREES, 2 MEDIUM  
 AND 2 SMALL

REMOVE 3 MEDIUM  
 BOXELDER TREES

RI-1  
 STOP

STA. 101+15.00  
 RT. 12.0'

SHOULDER BREAK  
 (TYP.)

CLEAR TO SLOPE  
 LIMITS ONLY (TYP.)

MARSHALL & CHARON TRUE  
 3 ACRES

TYPE III STONE FILL ELIMINATED  
 DUE TO LEDGE ELEVATION

INSTALL 3'-0" THICK  
 TYPE III STONE FILL

WINGWALL NO. 3

STA. 102+34.44

PC  
 STA. 102+12.84

CURVE 2

RI-2

STA. 102+85.00  
 LT. 12.0'

STA. 103+15.00  
 LT. 12.0'

VR-017  
 LEGAL LOAD  
 LIMIT  
 12,000  
 POUNDS

W5-3  
 ONE LANE  
 BRIDGE

STA. 103+45.00  
 LT. 12.0'

RUSSELL & PATRICIA EGGEN  
 0.13 ACRES

N39°49'22.84"E  
 TO VT RT. 36

SAVE TREE

INSTALL SPECIAL PROVISION  
 (HD STEEL BEAM GUARDRAIL,  
 WEATHERING) (WOOD POSTS)  
 (TYP. 4 LOCATIONS)

END APPROACH  
 LIMITS OF PAVEMENT  
 STA. 102+68.00

END PROJECT  
 BEGIN APPROACH  
 STA. 102+58.00

HVCTRL #3  
 NORTH = 833532.49  
 EAST = 1546399.59  
 ELEV. = 383.28

**CURVE 2 DATA**  
 $\Delta=20^{\circ}37'26.17''$  LT  
 $D=95^{\circ}29'34.68''$   
 $R=60.00'$   
 $T=10.92'$   
 $L=21.60'$   
 $E=0.99'$   
 BANKING=NORMAL

RELOCATED MAILBOX

RELOCATE  
 MAILBOX

REMOVE MEDIUM  
 CHERRY TREE

REMOVE LARGE  
 WILLOW TREE STUMP

REMOVE MEDIUM  
 BOXELDER TREE

DRY HYDRANT  
 (TO REMAIN)

~~BENCHMARK #3  
 CHISELED SQUARE  
 NORTH. = 833524.38  
 EAST. = 1546448.71  
 ELEV. = 384.11~~

**PLAN NOTES:**

- SIGN LOCATIONS SHOWN ARE APPROXIMATE. FINAL LOCATIONS WILL BE DETERMINED BY THE RESIDENT ENGINEER IN THE FIELD.
- ALL WORK SHALL BE COMPLETED WITHIN THE EXISTING R.O.W. AS SHOWN.
- ALL COSTS OF INSTALLING TEMPORARY TRAFFIC BARRIERS DURING CONSTRUCTION, AT EACH APPROACH OF THE BRIDGE, AS DIRECTED BY THE RESIDENT ENGINEER SHALL BE PAID FOR UNDER ITEM 621.90, TEMPORARY TRAFFIC BARRIER.
- ALL COSTS FOR REMOVAL OF SAND BARRIERS ON EACH END OF BRIDGE AND SIX (6) EXISTING WOOD BOLLARDS (2 AT ABUTMENT NO. 1 AND 4 AT ABUTMENT NO. 2) ARE PAID UNDER ITEM 203.15, COMMON EXCAVATION.

**SIGN LEGEND:**

N NEW SIGN OR POST

**ROADWAY PLAN**

SCALE: 1" = 10'-0"  
 10 0 10

**SPECIAL PROVISION (HD STEEL BEAM GUARDRAIL, WEATHERING) (WOOD POSTS)**

STA. 100+68.0 RT. 17.8' - STA. 101+48.3 RT. 6.9'  
 STA. 102+21.6 RT. 6.9' - STA. 102+68.0 RT. 16.8'  
 STA. 101+02.5 LT. 19.6' - STA. 101+50.0 LT. 6.9'  
 STA. 102+25.6 LT. 6.9' - STA. 103+12.3 LT. 17.8'

**RELOCATE MAILBOX, SINGLE SUPPORT**

STA. 102+58.0 RT. 11.0' - STA. 103+03.0 RT. 11.0'

**ANCHOR FOR STEEL BEAM GUARDRAIL**

STA. 100+79.3 RT.  
 STA. 101+08.3 LT.  
 STA. 102+57.3 RT.  
 STA. 103+01.5 LT.

PROJECT NAME:	FAIRFIELD	FILE NAME:	z04j144brd.dgn	PLOT DATE:	4/25/2008
PROJECT NUMBER:	BHO 1448(32)	PROJECT LEADER:	J.H.WEAVER	DRAWN BY:	J.B.McQUAID
		DESIGNED BY:	J.BICJA	CHECKED BY:	S.T.JAMES
		T.H. 49 ROADWAY PLAN		SHEET	8 OF 36

Hoyle, Tanner & Associates, Inc.