

MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT (PG 58-34)

STA 98+70 - 101+04
STA 103+00 - 103+75

HEAVY DUTY STEEL BEAM GUARD RAIL

STA 100+45.5 - 100+95.5 LT
STA 100+45.5 - 100+95.5 RT

STEEL BEAM GUARD RAIL

STA 98+20.5 - 100+45.5 LT
STA 98+07.5 - 100+45.5 RT

MANUFACTURED TERMINAL SECTION (FLARED)

STA 97+83 - 98+20.5 LT
STA 97+70 - 98+07.5 RT
STA 103+09 - 103+46.5 LT
STA 103+09 - 103+46.5 RT

REMOVAL AND DISPOSAL OF GUARD RAIL

STA 99+90 - 101+05 LT
STA 99+70 - 101+05 RT

DURABLE 24" STOP BAR

STA 100+62 RT (10' LONG)
STA 103+45 LT (10' LONG)

DURABLE 4" WHITE LINE

STA 98+70 - 101+04.5 SOLID LT & RT
STA 103+00 - 103+75 SOLID LT & RT

DURABLE 4" YELLOW LINE

STA 98+70 - 100+62 DOUBLE SOLID LT & RT
STA 103+45 - 103+75 DOUBLE SOLID LT & RT

UNCLASSIFIED CHANNEL EXCAVATION

ALL EXCAVATION FOR THE INSTALLATION OF STONE FILL, TYPE IV EXCLUDING THAT REQUIRED FOR "PARTIAL REMOVAL OF STRUCTURE (MODIFIED, EXISTING ABUTMENTS)"

PARTIAL REMOVAL OF STRUCTURE (MODIFIED, EXISTING TRUSS)

AS DESCRIBED IN NOTE 8 SHEET 38 (1 EA)

COMMON EXCAVATION

ALL EXCAVATION REQUIRED TO REMOVE STONE WALLS STA 99+90 - 101+00 LT AND STA 100+50 - 101+00 RT
ALL REMAINING EXCAVATION FOR THE CONSTRUCTION OF THE ROADWAY

PARTIAL REMOVAL OF STRUCTURE (MODIFIED, EXISTING ABUTMENTS)

EXISTING WEST ABUTMENT (1 EA)
STA. 101+06 (14' LEFT, 12' RIGHT) TO 101+25 (14' LEFT, 12' RIGHT)
REMOVE STONES AND GRANULAR MATERIAL TO A DEPTH NECESSARY TO INSTALL STONE FILL
SEE SHEETS 62 AND 63
EXISTING EAST ABUTMENT (1 EA)
STA. 102+70 (12' LEFT, 12' RIGHT) TO 102+87 (12' RIGHT) AND 102+96 (27' LEFT)
REMOVE STONES AND GRANULAR MATERIAL TO A DEPTH NECESSARY TO INSTALL STONE FILL
SEE SHEETS 62 AND 63

GUARD RAIL NOTES:

- ALL GUARD RAIL IS SET ON STEEL POSTS WITH WOOD BLOCK OUTS.
- POST SPACING FOR HEAVY DUTY STEEL BEAM GUARD RAIL SHALL BE AS SHOWN FOR GUARD RAIL APPROACH SECTION TYPE 1 ON STANDARD SB-R4b-82.
- THE CONNECTION FROM THE NETC BRIDGE RAILING TO THE HEAVY DUTY STEEL BEAM GUARD RAIL (STA 100+95.5 LT & RT) WILL BE INCIDENTAL TO THE COST OF ITEM NO 621.21 HEAVY DUTY STEEL BEAM GUARD RAIL.
- THE CONNECTION FROM THE NETC BRIDGE RAILING TO THE MANUFACTURED TERMINAL END (STA 103+09 LT & RT) WILL BE INCIDENTAL TO THE COST OF ITEM NO 621.505 MANUFACTURED TERMINAL SECTION (FLARED).

CURVE DATA

$\Delta = 4^{\circ}-24'-56''$ LT
 $D = 1^{\circ}-27'-01.8''$
 $R = 3950.00'$
 $T = 152.28'$
 $L = 304.41'$
 $E = 2.93'$

BEGIN BRIDGE IMPROVEMENT PROJECT BHO 1447 (24) STA 98+70

P.C. 98+70
N 85710.0744
E 83924.8176

STA. 99+75 BEGIN FULL DEPTH REPLACEMENT

LIMIT OF DISTURBANCE (TYP)

SAVE
12" WALNUT TREE

BEGIN APPROACH SLAB 1 STA. 100+89.34

P.T. 100+73.23
STA. 100+64.63

STONE FILL TYPE IV (TYP.)

STATE LINE STA. 101+30.37

TEMPORARY SHEETPILE COFFERDAM

WP2
Q BEARINGS
STA. 101+46.34
N 85777.0219
E 84296.2357
EL. 867.75

APPROXIMATE AERIAL RELOCATION ROUTE BY OTHERS

EXISTING AERIAL TO BE RELOCATED BY OTHERS

STONE FILL TYPE IV (TYP.)

APPROXIMATE AERIAL RELOCATION ROUTE BY OTHERS

EXISTING AERIAL TO BE RELOCATED BY OTHERS

R.O.W.

CHANNEL STA. 0+20N

R.O.W.

CHANNEL STA. 0+20S

CHANNEL STA. 0+40S

CONNECTICUT RIVER

WP3
Q BEARINGS
STA. 102+97.59
N 85808.4639
E 84444.1830
EL. 867.75

P.C. 103+0.00
N 85809.729
E 84447.594

EDGE OF PAVEMENT
DURABLE 4" WHITE LINE
DURABLE 4" DOUBLE YELLOW LINE
LIMIT OF DISTURBANCE (TYP)

END PROJECT MATCH EXISTING PAVEMENT STA. 103+75

CURVE DATA

$\Delta = 22^{\circ}-53'-38''$ RT
 $D = 19^{\circ}-55'-55''$
 $R = 287.47'$
 $T = 58.21'$
 $L = 114.86'$
 $E = 5.83'$

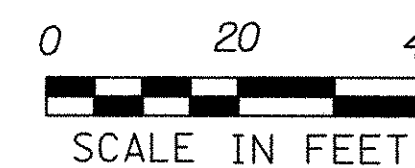
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VERMONT NEW HAMPSHIRE

VERMONT NEW HAMPSHIRE

APPROXIMATE LIMIT OF STONE FILL FOR TEMPORARY CAUSEWAY



STATE OF VERMONT AGENCY OF TRANSPORTATION

Town Of	MAIDSTONE, VT STRATFORD, NH	Bridge No.	1
Highway No.	MAIDSTONE STATE HWY	Log Sta.	
		Surv. Sta.	

PLAN SHEET

Designed By	J. MESSIER	Drawn By	C. DONOHUE
Checked By	Date	Bridge Design Supervisor	Date
	D.B. SULLIVAN		08/01/03
PROJECT	MAIDSTONE-STRATFORD	PROJECT NO.	BHO 1447 (24)
I.G.C. Info.		Bridge Sheet No.	Sheet 27 of 65

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