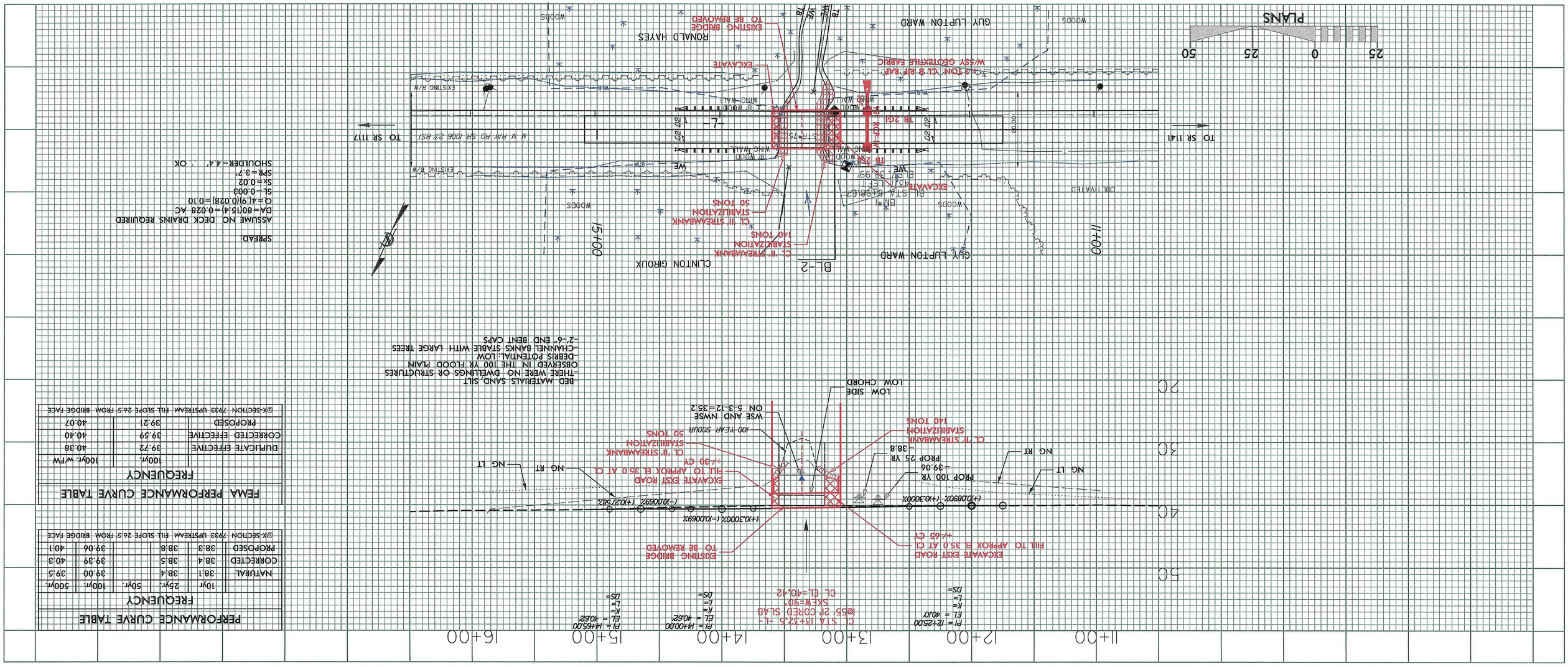
PLANS
25 0 25 50
TO SR 1141
TO SR 1117
GUY LUPTON WARD
CLINTON GROUX
BL-2
CL "B" STREAMBANK STABILIZATION 140 TONS
CL "A" STREAMBANK STABILIZATION 50 TONS
EXCAVATE
EXISTING BRIDGE TO BE REMOVED
RONALD HAYES
GUY LUPTON WARD
W/SSY GEOTEXTILE FABRIC
EXCAVATE
EXISTING BRIDGE TO BE REMOVED
EXCAVATE EXST ROAD FILL TO APPROX EL 35.0 AT CL +/-65 CY
EXCAVATE EXST ROAD FILL TO APPROX EL 35.0 AT CL +/-30 CY
CL "B" STREAMBANK STABILIZATION 50 TONS
CL "A" STREAMBANK STABILIZATION 140 TONS
100-YEAR SCOUR
WSE AND NWSE ON 5-3-12=35.2
LOW SIDE
LOW CHORD
NG LT
NG RT
PROP 100 YR 39.06
PROP 25 YR 38.8
(+)0.0890% (+)0.3000%
(+)0.3000% (-)0.0069%
(-)0.0069% (+)0.2589%
CL STA 13+32.5 -L-
@55' 21" CORED SLAB
SKEW=90°
CL EL=40.42
PI = 12+25.00 EL = 40.10' K= L= DS=
PI = 14+00.00 EL = 40.62' K= L= DS=
PI = 14+55.00 EL = 40.62' K= L= DS=
11+00 12+00 13+00 14+00 15+00 16+00
50 40 30 20
BED MATERIALS: SAND, SILT
-THERE WERE NO DWELLINGS OR STRUCTURES OBSERVED IN THE 100 YR FLOOD PLAIN
DEBRIS POTENTIAL: LOW
CHANNEL BANKS STABLE WITH LARGE TREES
-2'-6" END BENT CAPS
SPREAD:
ASSUME NO DECK DRAINS REQUIRED
DA=80(15.4)=0.028 AC
Q=4(9)(0.028)=0.10
SL=0.003
Sx=0.02
SPR=3.7'
SHOULDER=4.4' ∴ OK
WOODS
CULTIVATED
EXISTING R/W
M. W. FAY RD SR 1006 23' BST
-L-
PI = 13+32.5
100.00
BL STA 8+98.57 43.7' LT
EL = 38.99'
BM#1
STA 8+98.57 43.7' LT
EL = 38.99'
BL-2
STA 8+98.57 43.7' LT
EL = 38.99'
BM#2
STA 8+98.57 43.7' LT
EL = 38.99'
BM#3
STA 8+98.57 43.7' LT
EL = 38.99'
BM#4
STA 8+98.57 43.7' LT
EL = 38.99'
BM#5
STA 8+98.57 43.7' LT
EL = 38.99'
BM#6
STA 8+98.57 43.7' LT
EL = 38.99'