

FLOOR FRAMING PLAN

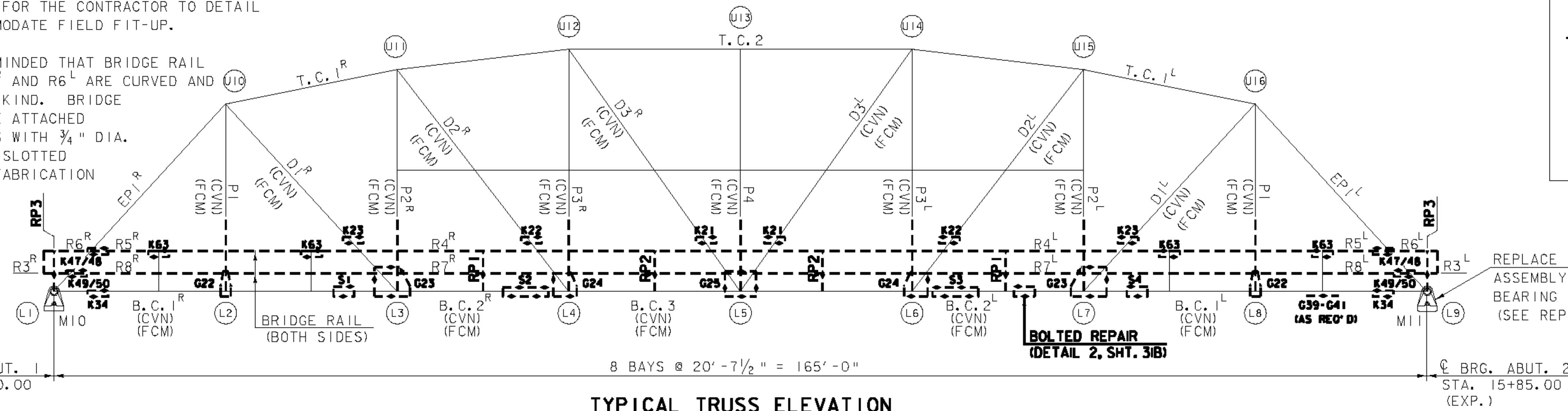
SCALE 1/8" = 1'-0"
1 0 2 4 6 8

NOTES:

- MEMBER DESIGNATIONS ARE TAKEN FROM 1929 FABRICATION DRAWINGS. SEE REFERENCE SHTS. 58-63.
- SEE SHT. 25, FOR ADDITIONAL INFORMATION REGARDING PAYMENT AND REQUIRED SUBMITTALS.
- WHERE NEW STRUCTURAL STEEL IS NOT FULLY DETAILED IN THE PLANS, THE INTENT IS FOR THE CONTRACTOR TO DETAIL THE MEMBERS TO ACCOMMODATE FIELD FIT-UP.
- THE CONTRACTOR IS REMINDED THAT BRIDGE RAIL MEMBERS R3^L, R3^R, R6^R AND R6^L ARE CURVED AND SHALL BE REPLACED IN KIND. BRIDGE RAIL MEMBERS SHALL BE ATTACHED TO THE EXISTING TRUSS WITH 3/4" DIA. BOLTS IN 9/16" X 1 1/8" SLOTTED HOLES, PER THE 1929 FABRICATION DRAWINGS.

LEGEND

- EXISTING MEMBER TO BE REPLACED UNDER ITEM 506.50, STRUCTURAL STEEL, ROLLED BEAM
- EXISTING MEMBER TO BE REPLACED UNDER ITEM 506.60, STRUCTURAL STEEL
- EXISTING MEMBER TO REMAIN (CLEAN TO BARE METAL UNDER ITEM 513.41, SURFACE PREPARATION, FIELD AND REPAINT UNDER ITEM 513.30, STRUCTURAL PAINTING, FIELD APPLIED)
- ADDITIONAL MEMBER TO BE REPLACED UNDER ITEM 506.60, STRUCTURAL STEEL AS DETERMINED DURING CONSTRUCTION (SEE SHT. 31A-31C FOR ADDITIONAL REPAIR REQUIREMENTS)
- JOINT NUMBER



TYPICAL TRUSS ELEVATION

(EAST TRUSS SHOWN, WEST TRUSS SIMILAR)
SCALE 1/8" = 1'-0"
1 0 2 4 6 8

REPAIR REQUIREMENTS (TYPICAL EACH TRUSS)
FOR ANY MEMBERS NOT SHOWN ABOVE, REFER TO SHTS. 58-63 FOR 1929 FABRICATION DRAWINGS:

- FLOORBEAMS - MEMBER B1, B2^R AND B2^L: REPLACE EXISTING CB30X115 WITH W30X90 (SEE SHT. 30)
- STRINGERS - MEMBER B3, B4, B5, B6, B7 AND B8: REPLACE EXISTING CB24X76 WITH W24X68 (SEE SHT. 30)
- VERTICALS - MEMBER P1, P2^R, P2^L, P3^R, P3^L, P4: REPLACE LOWER 9'-0" OF EXISTING CB12X36 WITH W12X35
- BRIDGE RAIL - MEMBER R4^R, R5^R AND R6^R: REPLACE L4X3X5/16 ANGLE (FULL LENGTH)
- BRIDGE RAIL - MEMBER R4^L, R5^L AND R6^L: REPLACE L4X3X5/16 ANGLE (FULL LENGTH)
- BRIDGE RAIL - MEMBER R3^R, R7^R AND R8^R: REPLACE BUILT UP RAIL SECTION 1-C6X8.2 CHANNEL AND 2-L4X3X5/16 ANGLES (FULL LENGTH)
- BRIDGE RAIL - MEMBER R3^L, R7^L AND R8^L: REPLACE BUILT UP RAIL SECTION 1-C6X8.2 CHANNEL AND 2-L4X3X5/16 ANGLES (FULL LENGTH)
- SIDEWALK RAIL - MEMBER R1, R2^R, R2^L: REPLACE 3/4" SQUARE X 2'-6 3/8" RAILING BALUSTERS AS DIRECTED BY THE RESIDENT ENGINEER. ANY BALUSTERS (AND/OR SECTION OF 2"X1/2" TOP HORIZONTAL BALUSTER SUPPORT BAR) THAT ARE EITHER STRAIGHTENED OR REPLACED SHALL BE PAID UNDER ITEM 506.60, STRUCTURAL STEEL, AT THE PER POUND PRICE FOR THE WEIGHT OF EACH PIECE.
- LATERAL BRACING - MEMBER A8, A9 AND A10: REPLACE 2-L5X3X5/16 ANGLES (FULL LENGTH)
- LATERAL BRACING - MEMBER A11, A12 AND A13: REPLACE L4X3 1/2 X 3/8 ANGLE (FULL LENGTH)

- HANGERS - MEMBER A19 AND A20: REPLACE BUILT UP HANGER SECTION 1-L4X3X5/16, 1-L6X3 1/2 X 3/8, 1-L3 1/2 X 3 1/2 X 5/16 AND 4-L6X4X3/8
- CONNECTION P - MEMBER E10: REPLACE P 3/8" X 15 1/2" X 2'-9"
- CONNECTION P - MEMBER E11: REPLACE P 3/8" X 15 1/2" X 2'-8"
- CONNECTION P - MEMBER E13: REPLACE P 3/8" X 14" X 2'-9"
- CONNECTION P - MEMBER E14: REPLACE P 3/8" X 15" X 2'-8"
- CONNECTION P - MEMBER G8: REPLACE P 3/8" X 11 1/2" X 2'-4 1/2"
- CONNECTION P - MEMBER G9: REPLACE P 3/8" X 15" X 2'-9"
- FIXED BEARING - MEMBER M10: REMOVE EXISTING PIN, CLEAN TO BARE METAL AND REPAINT EXISTING ASSEMBLY, GREASE AND REPLACE PIN (SEE SHT. 25, TRUSS REHABILITATION NOTE 2)
- EXPANSION BEARING - MEMBER M11: REPLACE EXISTING ASSEMBLY (SH. 32 FOR DETAILS).
- SIDEWALK BRACKETS - MEMBERS KB1, KB2, KB3: RETROFIT TO ACCEPT WATER MAIN HANGER (SH. 30 FOR DETAILS)

TRUSS REHABILITATION

PROJECT NAME: MONTPELIER
PROJECT NUMBER: BHF 6400(31)
FILE NAME: #FILES# PLOT DATE: 7/8/2010
PROJECT MANAGER: SUSAN SCRIBNER DRAWN BY: D. D'AMATO
DESIGNED BY: D. D'AMATO CHECKED BY: P. PERKINS
BRIDGE DESIGN SUPERVISOR: P. HALSTEAD SHEET 29 OF 63



FILE NAME: #FILES# DATE/TIME: 7/8/2010 10:25:25 USER: 2552