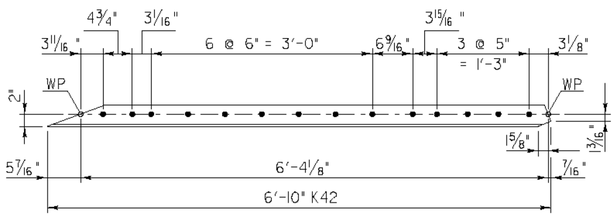
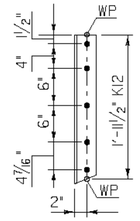
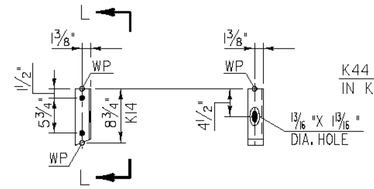


K42 DETAIL
SCALE: 1" = 1'-0"

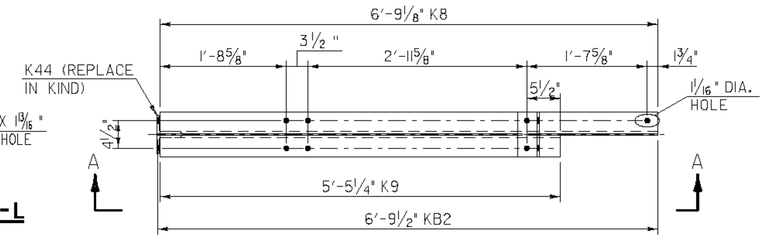


K12 DETAIL
SCALE: 1" = 1'-0"

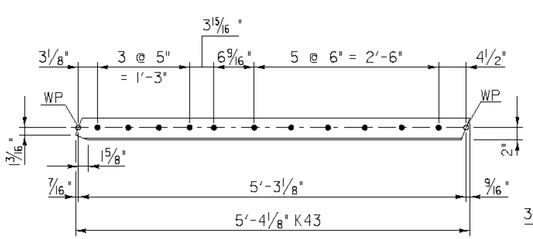


ELEVATION **SECTION L-L**

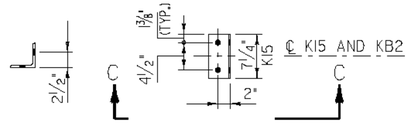
K14 DETAIL
SCALE: 1" = 1'-0"



SIDEWALK FRAME KB2 - PLAN
SCALE: 1" = 1'-0"

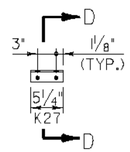


K43 DETAIL
SCALE: 1" = 1'-0"



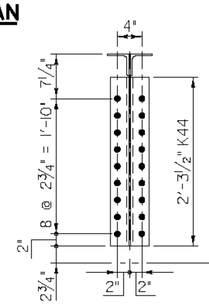
SECTION C-C **PLAN**

K15 DETAIL
SCALE: 1" = 1'-0"

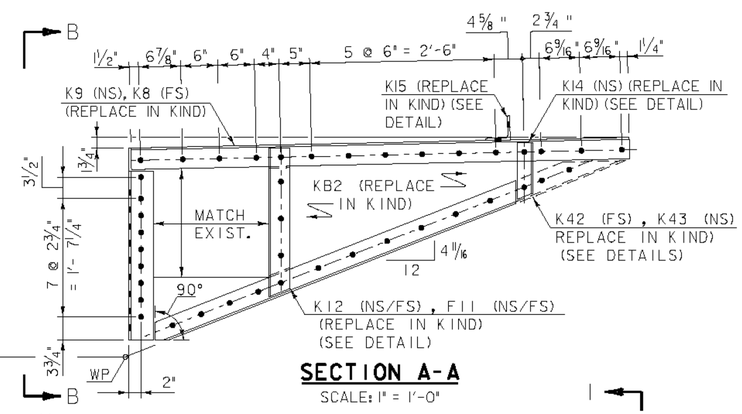


ELEVATION **SECTION D-D**

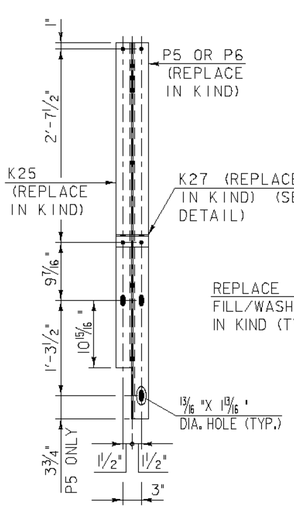
K27 DETAIL
SCALE: 1" = 1'-0"



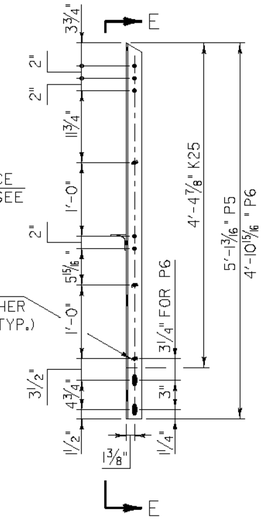
SECTION B-B
SCALE: 1" = 1'-0"



SECTION A-A
SCALE: 1" = 1'-0"

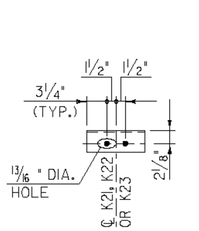


SECTION E-E

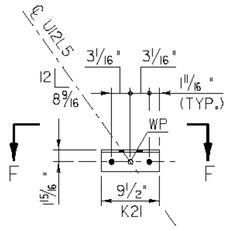


ELEVATION

PEDESTRIAN RAIL P5 AND P6
SCALE: 1" = 1'-0"

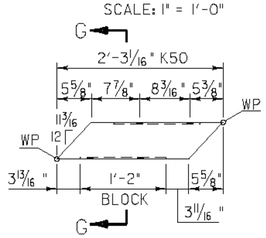


SECTION F-F



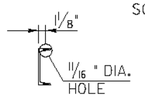
ELEVATION

K21 DETAIL
SCALE: 1" = 1'-0"

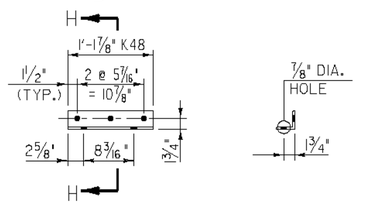


ELEVATION

K50 DETAIL
SCALE: 1" = 1'-0"

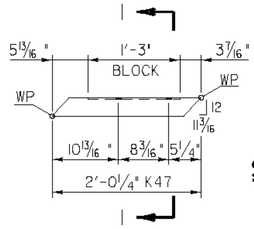


SECTION G-G



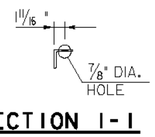
ELEVATION **SECTION H-H**

K48 DETAIL
SCALE: 1" = 1'-0"

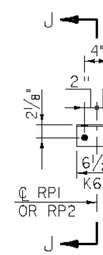


ELEVATION

K47 DETAIL
SCALE: 1" = 1'-0"

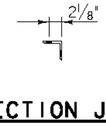


SECTION I-I

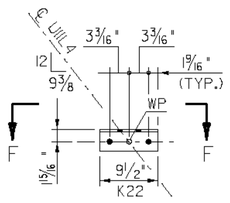


ELEVATION

K63 DETAIL
SCALE: 1" = 1'-0"

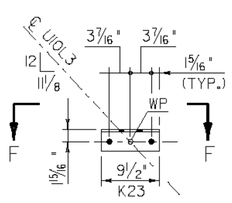


SECTION J-J



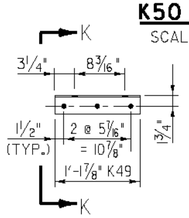
ELEVATION

K22 DETAIL
SCALE: 1" = 1'-0"



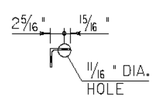
ELEVATION

K23 DETAIL
SCALE: 1" = 1'-0"



ELEVATION

K49 DETAIL
SCALE: 1" = 1'-0"



SECTION K-K

ADDITIONAL REPAIR REQUIREMENTS (WEST TRUSS):

BRIDGE RAIL ATTACHMENT - REPLACE BRIDGE RAIL ATTACHMENT ANGLE AT TRUSS DIAGONALS
MEMBER K21: 2-L3 1/2X3 1/2X5/16 (FULL LENGTH)
MEMBER K22: 2-L3 1/2X3 1/2X5/16 (FULL LENGTH)
MEMBER K23: 2-L3 1/2X3 1/2X5/16 (FULL LENGTH)

BRIDGE RAIL ATTACHMENT - REPLACE BRIDGE RAIL ATTACHMENT ANGLE AT RP1 AND RP2
MEMBER K63: 4-L3 1/2X3 1/2X5/16 (FULL LENGTH)

LATERAL BRACING - REPLACE ANGLE SUPPORTS IN END BAYS
MEMBER K34: 2-L3X3 1/2X3/8 (FULL LENGTH)

BRIDGE RAIL - REPLACE TERMINAL BRIDGE RAIL AT END POSTS
MEMBER K47: 2-L3X3X5/16 (FULL LENGTH)
MEMBER K48: 2-L3X3X5/16 (FULL LENGTH)
MEMBER K49: 4-L3 1/4X3X5/16 (FULL LENGTH)
MEMBER K50: 2-C6X8.2 CHANNEL (FULL LENGTH)

ADDITIONAL REPAIR REQUIREMENTS (EAST TRUSS):

SIDEWALK BRACKET - MEMBER KB2: REPLACE BUILT UP BRACKET
MEMBER KB2: 1-PL5/16"X3 1/2"X6'-9 1/2"
MEMBER K8: 1-L3 1/2X3 1/2X5/16 (FULL LENGTH)
MEMBER K9: 1-L3 1/2X3 1/2X5/16 (FULL LENGTH)
MEMBER K12: 2-L3 1/2X3 1/2X5/16 (FULL LENGTH)
MEMBER K14: 1-L2 1/2X2 1/2X1/4 (FULL LENGTH)
MEMBER K15: 1-L3 1/2X3 1/2X5/16 (FULL LENGTH)
MEMBER K42: 1-L3 1/2X3 1/2X5/16 (FULL LENGTH)
MEMBER K43: 1-L3 1/2X3 1/2X5/16 (FULL LENGTH)
MEMBER K44: 2-L4X3X3/8 (FULL LENGTH)
MEMBER F11: 2-PL5/16"X3 1/2"X1'-4 3/4"

BRIDGE RAIL ATTACHMENT - REPLACE BRIDGE RAIL ATTACHMENT ANGLE AT TRUSS DIAGONALS
MEMBER K21: 2-L3 1/2X3 1/2X5/16 (FULL LENGTH)
MEMBER K22: 2-L3 1/2X3 1/2X5/16 (FULL LENGTH)
MEMBER K23: 2-L3 1/2X3 1/2X5/16 (FULL LENGTH)

BRIDGE RAIL ATTACHMENT - REPLACE BRIDGE RAIL ATTACHMENT ANGLE AT RP1 AND RP2
MEMBER K63: 8-L3 1/2 X3 1/2 X5/16 (FULL LENGTH)

PEDESTRIAN RAIL POSTS P5 AND P6 - REPLACE PORTION OF BUILT UP PEDESTRIAN RAIL POSTS
MEMBER P5: 9-L2 1/2X2 1/2X1/4 (FULL LENGTH)
MEMBER P6: 8-L2 1/2X2 1/2X1/4 (FULL LENGTH)
MEMBER K25: 17-L2 1/2X2 1/2X1/4 (FULL LENGTH)
MEMBER K27: 17-L2X2X1/4 (FULL LENGTH)

BRIDGE RAIL - REPLACE TERMINAL BRIDGE RAIL AT END POSTS
MEMBER K47: 2-L3X3X5/16 (FULL LENGTH)
MEMBER K48: 2-L3X3X5/16 (FULL LENGTH)
MEMBER K49: 4-L3 1/4X3X5/16 (FULL LENGTH)
MEMBER K50: 2-C6X8.2 CHANNEL (FULL LENGTH)

LATERAL BRACING - REPLACE ANGLE SUPPORTS IN END BAYS
MEMBER K34: 2-L3X3 1/2X3/8 (FULL LENGTH)

PEDESTRIAN RAIL - REPLACE R1, R2R AND R2L
MEMBER PIPE: 3-3" DIA., SCH. 80 (FULL LENGTH)
MEMBER G37: 3-PL7/16"×2" (FULL LENGTH)
MEMBER BALUSTER: 69-BAR3/4"×3/4" (FULL LENGTH)
MEMBER BOT. ANGLE: 3-L3×2X5/16 (FULL LENGTH)

SCALE 1" = 1'-0"
1 9 6 3 0 1 2

CLOUGH HARBOUR & ASSOCIATES LLP

STRUCTURAL STEEL DETAILS (5)

PROJECT NAME: MONTPELIER
PROJECT NUMBER: BHF 6400(31)

FILE NAME: $FILES$
PROJECT MANAGER: SUSAN SCRIBNER
DESIGNED BY: D. D'AMATO
BRIDGE DESIGN SUPERVISOR: P. HALSTEAD
PLOT DATE: 7/8/2010
DRAWN BY: D. D'AMATO
CHECKED BY: P. PERKINS
SHEET 31C OF 63

FILE NAME =K:\14506\West\plans\za14506.additional_steel_3.dgn
DATE/TIME =7/8/2010
USER =2652