STONE PAD NOTES
STA 174+00.00 LT
CONSTRUCT 2.0' W X 4.0' L X 1.0' D
STONE PAD WITH ITEM 613.10
"STONE FILL, TYPE I"

SPECIAL PROVISION (REMOVING, REFURBISHING, AND RESETTING LIGHT POST) (COATED DARK GREEN)
STA 175+64.59, LT
STA 176+06.49, RT
STA 176+44.93, LT
STA 176+86.32, RT

CURVE DATA
DELTA = 28°33'00"
D = 12°30'00"
R = 458.37'
T = 116.62'
L = 228.40'
E = 14.60'

PARTIAL REMOVAL OF STRUCTURE
STA 175+69.27 LT - 176+90.65 RT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
STA 173+00.00 - 175+42.87, LT
STA 176+79.51 - 177+05.00, LT
STA 173+00.00 - 173+05.00, RT

CAST-IN-PLACE CONCRETE CURB, TYPE B
STA 173+00.00 - 173+98.50, LT
STA 174+01.50 - 175+42.87, LT
STA 176+79.51 - 177+05.00, LT

CONSTRUCT DRIVES - (SEE NOTE 1)
174+50.00 - 175+05.29, LT
8' PAVED APRON

DETECTABLE WARNING SURFACE
STA 173+00.00, LT
STA 173+00.00, RT
STA 177+03.00 LT

REMOVAL AND DISPOSAL OF GUARDRAIL
STA 175+18.62 - 175+69.25, LT
STA 176+55.09 - 177+03.29, LT
STA 175+21.94 - 176+04.26, RT
STA 176+91.14 - 177+27.33, RT

RELOCATE HYDRANT
STA 175+11.10, LT

ADJUST ELEVATION OF VALVE BOX
STA 175+05.97, LT

WIRED CONDUIT 1" SCH 80 PVC
175+54 LT TO 175+59 LT
175+59 LT TO 176+01 RT
176+01 RT TO 176+06 RT
176+06 RT TO 176+21 RT
176+21 RT TO 176+25 RT
175+59 LT TO 175+65 LT
175+65 LT TO 176+45 LT
176+01 RT TO 176+06 RT
176+06 RT TO 176+86 RT

JUNCTION BOX
175+54, LT
176+01, RT

POWER DROP STANCHION, STREET LIGHTING
176+21, RT

VT STATE PLANE GRID
N

LIMIT OF WORK
STA 173+00.00

5' LEVEL LANDING
SIDEWALK RAMP
SAVE TREE
PC STA 173+48.26
N 6°45'06" E 173+00

BEGIN PROJECT
STA 175+00.00

REDUCE STONE FILL KEY
TO MAINTAIN 6" CLEAR
OVER EXISTING WATERLINE

STONE FILL, TYPE I
SAVE TREE

POE STA 52+00.00

PT STA 175+76.66

CHAN STA 51+00.00=
ML STA 176+30.00
Δ = 40° 0' 0" RT

END BRIDGE
STA 176+71.20

SIDEWALK RAMP

END PROJECT
STA 177+50.00

END APPROACH
STA 178+00.00

HVCTRL #6
ELEV = 830.879
(OFF SHEET)

VT 110
TO WASHINGTON
N 21°47'54" W

BENCHMARK
TOP OF SOUTHERLY BOLT ON TOP RIM
ELEV = 829.47

HVCTRL #7
ELEV = 827.465
(OFF SHEET)

BEGIN APPROACH
STA 174+50.00

PI STA 174+64.88 BK =
STA 174+60.04 AHD

BEGIN BRIDGE
STA 175+87.06

JUNCTION BOX (TYP)

POWER STANCHION
(STD E-175, OPTION I)

PROPOSED POINT OF (120V, 20A)
SERVICE CONNECTION TO UTILITY
COMPANY, COORDINATE WITH UTILITY

CHANNEL ALIGNMENT

STONE FILL, TYPE III (TYP)

POB STA 50+00.00

EXISTING ROW

END APPROACH
STA. 178+53.00

SOUTH WASHINGTON BROOK FLOW

100 YR FLOOD BOUNDARY
FLOODWAY BOUNDARY
FLOODWAY FRINGE
ANR CORRIDOR
HISTORIC

NOTES:

1. DRIVE APRON SHALL BE ONE LIFT, 3" THICK, TYPE IVS, WILL BE PAID UNDER ITEM 900.680, "SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT, SMALL QUANTITY)".
2. SEE "CURB INLET DETAIL" SHEET FOR ADDITIONAL CURB INLET INFORMATION.
3. THE END OF THE EXISTING 12" CPEP NEAR CHANNEL STATION 50+80, LT SHALL BE CUT TO PROVIDE A MAXIMUM 6" EXTENSION BEYOND THE LIMITS OF THE PROPOSED STONE FILL AND THE REMAINDER OF THE PIPE SHALL REMAIN IN-PLACE DURING AND AFTER PLACEMENT OF STONE FILL, TYPE III. PAYMENT FOR THESE EFFORTS WILL BE MADE UNDER ITEM 613.12, "STONE FILL, TYPE III."

EXISTING BRIDGE DATA
ONE SPAN CONCRETE DECK ON STEEL BEAMS
CONSTRUCTED IN 1939
BRIDGE LENGTH = 83.4 FT.
WATERWAY AREA = XXX SF

(1)
SLOPE = 0.50% MIN
NEW PIPE
TYPE: CPEP (SL)
LENGTH = 13.0 FT
DIAMETER = 12 IN
INV. IN = SET BY CURB INLET DEVICE
INV. OUT = 827.68 MAX

CURB INLET DEVICE
GRATE: TYPE A
RIM EL = 828.75

LAYOUT
SCALE 1" = 20'-0"
20 0 20

FLOODWAY AND RIVER CORRIDOR NOTES:

1. FLOODWAY AND FLOOD FRINGE DELINEATION BOUNDARIES ARE APPROXIMATED FROM PUBLISHED NATIONAL FLOOD INSURANCE PROGRAM (NFIP) MAPS DATED AUGUST 15, 1980.
2. NFIP MAPS ARE PUBLISHED IN THE NGVD 29 DATUM AND THIS PROJECT UTILIZES THE NAVD 88 DATUM. TO CONVERT ELEVATIONS FROM NGVD 29 TO NAVD 88, SUBTRACT 0.23 FT.
3. THE BASE FLOOD ELEVATION (Q100) AT THE BRIDGE IS APPROXIMATELY 830.17, IN NAVD 88.
4. ANR RIVER CORRIDOR DELINEATION BOUNDARIES ARE APPROXIMATED FROM MAPS PRODUCED BY "FLOOD READY VERMONT" STATE PROGRAM.

PROJECT NAME: CHELSEA
PROJECT NUMBER: BHF 0169(10)

T.Y. LIN INTERNATIONAL

FILE NAME: z12c152bdr.dgn
PROJECT LEADER: J. OLUND
DESIGNED BY: T. POULIN
LAYOUT SHEET

PLOT DATE: 8/31/2016
DRAWN BY: T. POULIN
CHECKED BY: J. HOWE
SHEET 86 OF 137