



REMOVE EXISTING TRAFFIC SIGNAL SYSTEM
(SEE NOTE 2)
BRIDGE RAILING,
STEEL/PEDESTRIAN
(BRIDGE ITEM) (TYP.)
NEW 18" x 35' PIPE
(OPTION AA)
STA 7+00 - STA 7+36.5 LT

CURVE 2 (TH 10)
Δ = 37° 21' 03"
D = 9° 32' 57"
R = 600.00'
T = 202.80'
L = 391.14'
E = 33.35'
BANK = REVERSE

NEW 4' X 4' R.C.D.I. W/GRATE,
TYPE D AT INLET
AND NEW 18" x 46' PIPE
(OPTION AA & CC) WITH
END SECTION AT OUTLET
STA 7+36.5 LT - STA 7+55.8 RT
OVERHEAD UTILITIES TO
BE RELOCATED BY OTHERS
(TYP.)

616.28 CAST-IN-PLACE CONCRETE CURB, TYPE B
TH 10 STA 7+00.0 - STA 7+61.0 LT (59.8 LF)
TH 10 STA 9+70.0 - STA 11+00.0 LT (119.9 LF)
618.10 PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
TH 10 STA 7+00.0 - STA 7+60.3 LT (33.5 SY)
TH 10 STA 9+70.8 - STA 11+00.0 LT (67.5 SY)

605.10 6 INCH UNDERDRAIN PIPE
TH 10 STA 7+00.0 TO STA 7+35.8 LT (48 LF)
TH 10 STA 9+91.4 TO STA 10+63.1 LT (56 LF)
TH 10 STA 10+65.6 TO STA 11+00.0 LT (32 LF)
605.20 6 INCH UNDERDRAIN CARRIER PIPE
TH 10 STA 9+91.4 (4 LF)
605.95 UNDERDRAIN FLUSHING BASIN
TH 10 STA 9+91.4 (1 EACH)

621.20 STEEL BEAM GUARDRAIL, GALVANIZED
TH 10 STA 7+00.0 - STA 7+33.8 LT (33.4 LF)
TH 10 STA 7+00.0 - STA 7+34.7 RT (35.5 LF)
TH 10 STA 9+95.4 - STA 10+17.1 RT (27.0 LF)
TH 10 STA 9+98.3 - STA 10+39.7 LT (39.5 LF)
621.60 ANCHOR FOR STEEL BEAM RAIL
TH 10 STA 7+01.9 LT (1 EACH)
TH 10 STA 10+10.6 RT (1 EACH)
TH 10 STA 10+33.2 LT (1 EACH)

621.737 GUARDRAIL APPROACH SECTION, GALVANIZED HD STEEL BEAM
TH 10 STA 7+33.8 - STA 7+59.3 LT (1 EACH)
TH 10 STA 7+34.7 - STA 7+59.3 RT (1 EACH)
TH 10 STA 9+71.8 - STA 9+95.4 RT (1 EACH)
TH 10 STA 9+71.8 - STA 9+98.3 LT (1 EACH)
621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
TH 10 STA 7+07.4 - STA 7+73.5 LT (66.2 LF)
TH 10 STA 7+18.3 - STA 7+75.0 LT (52.6 LF)
TH 10 STA 9+55.7 - STA 10+39.5 LT (61.7 LF)
TH 10 STA 9+56.6 - STA 10+18.1 LT (61.3 LF)
TH 10 STA 9+56.6 - STA 10+21.7 LT (66.5 LF)
TH 10 STA 9+56.6 - STA 11+00.0 LT (96.9 LF)

NEW 4' X 4' R.C.D.I.
W/GRATE TYPE D AT INLET
AND NEW 24" x 108' PIPE
(OPTION BB & DD)
END SECTION AT OUTLET
STA 9+47.4 LT -
STA 10+63.1 LT

NEW 24" x 33' PIPE
(OPTION BB)
STA 10+65.6 LT - STA 11+00.0

CURVE 3 (TH 10)
Δ = 63° 56' 47"
D = 34° 18' 32"
R = 167.00'
T = 104.24'
L = 186.38'
E = 29.87'
BANK = REVERSE

REMOVE EXISTING TRAFFIC
SIGNAL SYSTEM (SEE NOTE 2)
PI#3
STA 10+84.24 BK =
STA 10+62.14 AHD

CURVE 5 (CLEMENT ROAD)
Δ = 28° 18' 24"
D = 15° 16' 44"
R = 375.00'
T = 94.56'
L = 185.27'
E = 11.74'
BANK = TRANSITION

EXISTING BRIDGE DATA

STEEL WARREN PONY TRUSS
CONCRETE ABUTMENTS AND WINGWALLS
OVERALL LENGTH = 174'-0"
TRUSS SPAN 1 CL BRG. - CL BRG. = 77'-0"
TRUSS SPAN 2 CL BRG. - CL BRG. = 97'-0"
CL TO CL TRUSS WIDTH = 20'-5"
CURB TO CURB WIDTH = 18'-0"
CLEAR SIDEWALK WIDTH = N/A
VERTICAL CLEARANCE = N/A
YEAR BUILT = 1928

NOTES:

- LIMITS OF STONE FILL ARE SHOWN ON PLAN AND ELEVATION, SHEET 60.
- REMOVE ALL EXISTING TRAFFIC SIGNAL EQUIPMENT, FOLLOWING COMPLETION OF NEW BRIDGE, TO BE PAID BY ITEM 678.45. REMOVAL OF EXISTING TRAFFIC SIGNAL SYSTEM. SEE TEMPORARY TRAFFIC SIGNAL PLAN, SHEET 42, FOR FURTHER DETAILS.
- SEE UTILITY LAYOUT SHEETS (SHEETS 43-46) FOR INFORMATION ON WATER AND SANITARY SEWER RELOCATIONS. DRAINAGE OPTIONS ARE AS FOLLOWS:
OPTION AA (18") - PCCSP, RCP CL III, CPEP (SL)
OPTION BB (24") - PCCSP, RCP CL III, CPEP (SL)
OPTION CC (18" ES) - CSPES, RCPES CL III, CPEPES
OPTION DD (24" ES) - CSPES, RCPES CL III, CPEPES
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20 0 20
SCALE IN FEET



PLAN LAYOUT SHEET #2

PROJECT NAME: RUTLAND CITY
PROJECT NUMBER: BRP 3000 (19)

PROJECT LEADER: M.D.S.
DESIGNED BY: C.R.H.
DWG. NO.: L-2

PLOT DATE: 6/30/2014
DRAWN BY: C.R.H.
CHECKED BY: D.E.G.
SHEET 34 OF 245

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