CONSTRUCTION NOTES NOT REVISED TO REFLECT CHANGES

SPECIAL PROVISION (DUCTILE IRON PIPE, CEMENT-LINED, ALL-INCLUSIVE) (8" WATER)
2+50.0 TO 3+26.6 RT
4+12.5 TO 4+88.3 RT

SPECIAL PROVISION (DUCTILE IRON PIPE, CEMENT-LINED, ALL-INCLUSIVE) (8" WATER ON BRIDGE)
3+26.6 TO 4+12.5 RT

GATE VALVE WITH VALVE BOX (8")
2+53.0 RT
4+85.5 RT

SPECIAL PROVISION (DUCTILE IRON PIPE, CEMENT-LINED, ALL-INCLUSIVE) (12" SEWER)
2+27.6 RT TO 3+21.0 LT
3+21.0 LT TO 5+54.7 LT

SPECIAL PROVISION (SANITARY MANHOLE, ALL-INCLUSIVE) (4' DIA.) CAST IRON COVER WITH FRAME, SEWER
2+27.6 RT 7.6 FT
3+21.0 LT 34.0 FT

REHAB, DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS III
5+54.7 LT

CHANGING ELEVATION OF SEWER MANHOLES
5+33.8 LT

VT STATE PLANE GRID N

EXIST. SMH-D
RIM = 528.90'
INV IN BOX = 520.08'
INV OUT BOX = 520.02'

REMOVE EXISTING PIPE INTO SEWER MANHOLE AND SEAL NEW DI SEWER. THIS WORK WILL BE PAID FOR UNDER ITEM 604.418 REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS III

CLD FIELD REVIEW 2013-06-18
INV IN (12" PIPE) = 520.30'
INV IN (4'x6' BOX CULV.) = 520.14'

EXIST. SMH (PAVED OVER)
GROUND = 531.66'
RIM = 531.26'
INV IN = 519.94'
INV OUT = 520.05'

RESET SMH FRAME AND COVER. THIS WORK SHALL BE PAID UNDER ITEM 604.42 CHANGING ELEVATION OF SEWER MANHOLES

END NON-PARTICIPATING PAVING
BEGIN APPROACH
STA 1+50.00

EXIST. SMH-C
RIM = 527.32'
SHELF = 520.92'
INV IN = 520.86'
INV OUT = 520.72'

REMOVE EXISTING SMH AND BACKFILL WITH ITEM 203.31 SAND BORROW. EXCAVATION WILL BE PAID AS ITEM 204.20 TRENCH EXCAVATION OF EARTH.

BEGIN
NON-PARTICIPATING
PAVING
STA 0+06.29

BEGIN BRIDGE
STA 3+40.50

BEGIN PROJECT
STA 2+50.00

END BRIDGE
STA 3+93.50

END PROJECT
STA 4+75.00

END APPROACH
RESUME NON-PARTICIPATING PAVING
STA 5+75.00

PROPOSED SMH-1
RIM = 530.0
INV IN = 523.59
INV OUT = ~~523.40~~ 523.53

FOR SMH-1 CONFIGURATION, SEE DETAIL ON SHEET 4

PROPOSED SMH-2
RIM = 528.5
INV IN = ~~520.83~~ 520.80
INV OUT = 520.73

CLASS II WETLAND

TEMP. CONST. LIMITS

12" CL 50 DI SEWER
L=97.4'

12" CL 50 DI SEWER
L=229.7'

12" VCP

8" VCP

6" CI

PW

FOREST STREET (TH 13)
TO RIVER STREET (TO ROUTE 4)

GATE VALVES (PAVED OVER)

BURIED WSO

STONE WALL

HOUSE

PAVE DRIVEWAY

PARK STREET (TH 12)

EXIST. SMH-A
GROUND = 530.42'
RIM = 530.00'
SHELF = 524.25'
INV IN = 523.59'
INV OUT = 523.48'

SEE NOTE 1 BELOW.

6" SOLID SLEEVE COUPLING, 8" TO 6" REDUCER AND 8" GATE VALVE

TWO 22.5 DEG. BENDS. COORDINATE WITH GUARDRAIL POST LAYOUT

ABANDON AND FLOW FILL OLD SEWER. THIS WORK SHALL BE PAID UNDER ITEM 541.45 CONTROLLED DENSITY (FLOWABLE) FILL.

EXIST. SMH-B
RIM = 530.15'
SHELF = 523.44'
INV IN = 522.86'
INV OUT = 522.62'

REMOVE EXISTING SMH AND BACKFILL WITH ITEM 203.31 SAND BORROW. EXCAVATION WILL BE PAID AS ITEM 204.20 TRENCH EXCAVATION OF EARTH.

MOON BROOK

WOODS

BLOW-OFF

8" CL 52 DI WATER MAIN ON BRIDGE

ABANDON AND FLOW FILL OLD WATER MAIN UNDER STREAM. THIS WORK SHALL BE PAID UNDER ITEM 541.45 CONTROLLED DENSITY (FLOWABLE) FILL.

THREE 22.5 DEG. BENDS, TO AVOID UTILITY POLE (TYP.) COORDINATE WITH GUARDRAIL POST LAYOUT

6" SOLID SLEEVE COUPLING, 8" TO 6" REDUCER, 8" GATE VALVE AND 22.5 DEG. BEND

GRAVEL DRIVEWAY

GRAVEL AREA

HOUSE

"BOX CULV." 4'-2" x 6'-0"

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

NOTE:
1. REMOVE EXISTING SMH-A AND REPLACE WITH NEW MANHOLE SMH-1 AT SAME LOCATION. PROVIDE SPOOL SECTION OF 12" SDR 35 SEWER PIPE AND SOLID SLEEVE COUPLING TO CONNECT TO EXISTING 12" VCP. ADJUST NEW RIM ELEVATION TO FINAL ROADWAY GRADE. ALL EXCAVATION, MATERIALS AND WORK TO REMOVE AND REPLACE MANHOLE AND CONNECT TO EXISTING SEWER SHALL BE INCIDENTAL TO ITEM 900.620 SPECIAL PROVISION (SANITARY MANHOLE, ALL-INCLUSIVE) (4' DIA.).

PLAN REVISIONS
(3) RECORD CHANGES CLOUD
(2) 3/5/14: REVISED GATE VALVE LOCATIONS (PER CITY) AND MINOR CHANGES TO ACCOMMODATE VTRANS LAYOUT REVISIONS.
(1) 1/16/14: MINOR NOTE REVISIONS.

WATER AND SEWER PLANS

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PROJECT NAME: RUTLAND CITY
PROJECT NUMBER: BRF 3000(18)
FILE NAME: s96j244bdr.dgn
PROJECT LEADER: C. BEAN
DESIGNED BY: D. LEWIS
WATER/SEWER LAYOUT 1
PLOT DATE: 3/5/2014
DRAWN BY: W. GORDON
CHECKED BY: S. REICHERT
SHEET 5 OF 7