

STORM AND UTILITY PLAN SS-01

- D
01 STA. 704+19, 23' RT
REMOVE EXISTING GRATE AND FRAME, REHAB. DROP INLET, CLASS III,
REPLACE EXISTING GRATE AND FRAME WITH NEW CAST IRON COVER WITH
FRAME,
RETAIN EXISTING 36" INLET AND 24" OUTLET PIPES.
COVER ELEVATION = 541.48
- D
02 STA. 704+24, 29' RT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST
IRON GRATE (4' I.D.), TYPE 'D' GRATE,
CUT AND REMOVE 4' OF EXISTING 24" PIPE, TIE INTO NEW CB.
RIM ELEVATION = 540.32
- D
03 STA. 704+27, 24' LT
REMOVE EXISTING GRATE AND FRAME, REHAB. DROP INLET, CLASS III,
REPLACE EXISTING GRATE AND FRAME WITH NEW CAST IRON COVER WITH
FRAME,
RETAIN EXISTING 36" INLET AND 36" OUTLET PIPES.
COVER ELEVATION = 541.06
- D
04 STA. 704+32, 29' LT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST
IRON GRATE (4' I.D.), TYPE 'D' GRATE,
CUT AND REMOVE 4' OF EXISTING 36" RCP, TIE INTO NEW CB.
RIM ELEVATION = 540.97
- D
05 STA. 704+86, 22' LT
REMOVE EXISTING GRATE AND FRAME, REHAB. DROP INLET, CLASS III,
REPLACE EXISTING GRATE AND FRAME WITH NEW CAST IRON COVER WITH
FRAME,
RETAIN EXISTING 24" OUTLET PIPE.
COVER ELEVATION = 541.13
- D
06 STA. 706+17, 29' RT - STA. 706+10, 20' LT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST
IRON GRATE (4' I.D.), TYPE 'D' GRATE,
CONSTRUCT 50' X 12" CPEP (SL),
REMOVE 10' OF EXISTING PIPE INTO ED02, TIE INTO NEW CB.
RIM ELEVATION = 540.32
INV OUT = 536.82
- D
07 STA. 706+10, 20' LT
REMOVE EXISTING GRATE AND FRAME, REHAB. DROP INLET, CLASS III,
REPLACE EXISTING GRATE AND FRAME WITH NEW CAST IRON COVER WITH
FRAME,
TIE NEW 12" PIPES INTO EXISTING STRUCTURE, RETAIN EXISTING 24"
OUTLET PIPE.
COVER ELEVATION = 540.32
INV IN (NE) = 536.59
INV IN (W) = 535.38
- D
08 STA. 706+10, 29' LT - STA. 706+10, 20' LT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST
IRON GRATE (4' I.D.), TYPE 'D' GRATE,
CONSTRUCT 9' X 12" CPEP (SL),
RIM ELEVATION = 540.19
INV IN = 535.40
INV OUT = 535.40
- ED
01 STA. 706+11, 21' RT - STA. 706+10, 20, LT
REMOVE EXISTING DI TO BOTTOM OF PROPOSED SUBBASE,
FILL, COVER AND ABANDON DI,
PLUG, FILL AND ABANDON EXISTING OUTLET PIPE, REMOVE PORTION OF
EXISTING PIPE IF NECESSARY.

STORM AND UTILITY PLAN SS-02

- D
09 STA. 707+26, 29' LT - STA. 706+10, 29' LT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST
IRON GRATE (4' I.D.), TYPE 'E' GRATE,
CONSTRUCT 116' X 12" CPEP (SL),
RIM ELEVATION = 542.83
INV IN = 537.83
INV OUT = 537.58
- D
10 STA. 707+51, 28' RT - STA. 707+26, 29' LT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST
IRON GRATE (4' I.D.), TYPE 'E' GRATE,
CONSTRUCT 63' X 12" CPEP (SL),
RIM ELEVATION = 544.69
INV IN = 540.19
INV OUT = 540.19

STORM AND UTILITY PLAN SS-02 (CONT.)

- D
11 STA. 709+45, 23' RT - STA. 707+51, 28' RT
REMOVE EXISTING DI, REMOVE EXISTING OUTLET PIPE,
CONSTRUCT NEW PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST
IRON GRATE (4' I.D.), TYPE 'E' GRATE,
CONSTRUCT 194' X 12" CPEP (SL),
RIM ELEVATION = 560.34
INV IN = 557.73
INV OUT = 555.34
- D
12 STA. 711+08, 23' RT - STA. 711+00, 18' RT
REMOVE EXISTING DI, REMOVE EXISTING OUTLET PIPE,
CONSTRUCT NEW PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST
IRON GRATE (4' I.D.), TYPE 'E' GRATE,
CONSTRUCT 10' X 24" CPEP,
RIM ELEVATION = 573.53
INV IN = 568.53
INV OUT = 568.28
- D
13 STA. 711+20, 27' LT - STA. 711+00, 18' RT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST
IRON GRATE (4' I.D.), TYPE 'E' GRATE,
CONSTRUCT 49' X 12" CPEP (SL),
RIM ELEVATION = 574.74
INV OUT = 570.24
- ED
02 STA. 707+25, 21' LT - STA. 706+10, 20' LT
REMOVE EXISTING DOUBLE DI TO BOTTOM OF PROPOSED SUBBASE,
FILL, COVER AND ABANDON DI,
PLUG, FILL AND ABANDON EXISTING OUTLET PIPE.
- ED
03 STA. 707+56, 24' RT - STA. 707+25, 21' LT
REMOVE EXISTING DI TO BOTTOM OF PROPOSED SUBBASE,
FILL, COVER AND ABANDON DI,
PLUG, FILL AND ABANDON EXISTING OUTLET PIPE, REMOVE PORTION OF
EXISTING PIPE IF NECESSARY.
- ED
04 STA. 711+40, 22' LT - STA. 711+32, 15' RT
REMOVE EXISTING GRATE AND FRAME,
FILL, COVER AND ABANDON DI,
PLUG, FILL AND ABANDON EXISTING OUTLET PIPE.

STORM AND UTILITY PLAN SS-03

- D
14 STA. 713+21, 26' RT - STA. 711+08, 23' RT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST
IRON GRATE (4' I.D.), TYPE 'E' GRATE,
CONSTRUCT 214' X 24" CPEP,
RIM ELEVATION = 588.56
INV IN = 583.56
INV OUT = 580.34
- D
15 STA. 714+84, 26' RT - STA. 713+21, 26' RT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST
IRON GRATE (4' I.D.), TYPE 'E' GRATE,
CONSTRUCT 162' X 24" CPEP,
RIM ELEVATION = 599.57
INV IN (N) = 594.57
INV IN (W) = 592.85
INV OUT = 592.85
- D
16 STA. 714+84, 41' LT - STA. 714+84, 26' RT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST
IRON GRATE (4' I.D.), TYPE 'E' GRATE,
CONSTRUCT 67' X 12" CPEP (SL),
RIM ELEVATION = 599.40
INV OUT = 593.16
- D
17 STA. 716+45, 25' RT - STA. 714+84, 26' RT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST
IRON GRATE (4' I.D.), TYPE 'E' GRATE,
CONSTRUCT 161' X 24" CPEP,
RIM ELEVATION = 610.66
INV IN = 602.68
INV OUT = 602.39
- D
18 STA. 717+10, 28' RT - STA. 716+45, 25' RT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST
IRON GRATE (4' I.D.), TYPE 'E' GRATE,
CONSTRUCT 65' X 24" CPEP,
RIM ELEVATION = 613.79
INV IN = 608.79
INV OUT = 605.69

STORM AND UTILITY PLAN SS-03 (CONT.)

- ED
05 STA. 713+35, 26' RT
REMOVE EXISTING DI,
PLUG, FILL AND ABANDON EXISTING OUTLET PIPE.
 - ED
06 STA. 715+15, 26' LT - STA. 715+00, 35' LT
REMOVE EXISTING DI,
REMOVE EXISTING 15" PIPE
- STORM AND UTILITY PLAN SS-04
- D
19 STA. 718+97, 29' RT - STA. 717+10, 28' RT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST
IRON GRATE (4' I.D.), TYPE 'E' GRATE,
CONSTRUCT 187' X 24" CPEP,
RIM ELEVATION = 622.44
INV IN (N) = 617.94
INV IN (W) = 616.89
INV OUT = 616.64
 - D
20 STA. 718+97, 43' LT - STA. 718+97, 29' RT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST
IRON GRATE (4' I.D.), TYPE 'E' GRATE,
CONSTRUCT 71' X 12" CPEP (SL)
RIM ELEVATION = 621.72
INV OUT = 617.22
 - D
21 STA. 720+63, 27' RT - STA. 718+97, 29' RT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST
IRON GRATE (4' I.D.), TYPE 'D' GRATE,
CONSTRUCT 165' X 24" CPEP
RIM ELEVATION = 627.13
INV IN = 622.63
INV OUT = 622.63
 - D
22 STA. 721+62, 27' RT - STA. 720+63, 27' RT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST
IRON GRATE (4' I.D.), TYPE 'D' GRATE,
CONSTRUCT 100' X 24" CPEP (SL)
RIM ELEVATION = 628.64
INV IN (N) = 624.14
INV IN (W) = 624.07
INV OUT = 624.07
 - D
23 STA. 721+76, 41' LT - STA. 721+62, 27' RT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST
IRON GRATE (4' I.D.), TYPE 'D' GRATE,
CONSTRUCT 69' X 12" CPEP (SL)
RIM ELEVATION = 628.89
INV OUT = 624.39
 - ED
07 STA. 718+23, 29' RT
REMOVE EXISTING DI,
REMOVE EXISTING OUTLET PIPE.
 - ED
08 STA. 719+29, 25' LT
REMOVE EXISTING GRATE AND FRAME,
FILL, COVER AND ABANDON DI,
PLUG, FILL AND ABANDON EXISTING OUTLET PIPE.
 - ED
09 STA. 720+43, 32' RT
REMOVE EXISTING GRATE AND FRAME,
FILL, COVER AND ABANDON DI,
PLUG, FILL AND ABANDON EXISTING OUTLET PIPE, REMOVE PORTION OF
EXISTING PIPE IF NECESSARY.
 - ED
10 STA. 721+74, 43' LT - STA. 720+43, 32' RT
REMOVE EXISTING GRATE AND FRAME,
FILL, COVER AND ABANDON DI,
PLUG, FILL AND ABANDON EXISTING OUTLET PIPE,
REMOVE PORTION OF EXISTING PIPE IF NECESSARY.

* THE RIM AND COVER ELEVATIONS, PROVIDED ON THESE SHEETS, ARE
BASED ON AN INTERPOLATION OF FIELD SURVEY OF EXISTING CONDITIONS.
ALL RIM AND COVER ELEVATIONS SHALL BE VERIFIED, BY THE
CONTRACTOR, PRIOR TO ORDERING ANY PRECAST CONCRETE STRUCTURES.

PROJECT NAME: RUTLAND CITY	
PROJECT NUMBER: STP 019-3(57)	
FILE NAME: ...\\PlotFiles\rut_drn_notes.dgn	PLOT DATE: 7/12/2013
PROJECT LEADER: GAE	DRAWN BY: PZA
DESIGNED BY: TFD	CHECKED BY: GAE
DRAINAGE NOTES DN-01	SHEET 304 OF 392

