

STORM AND UTILITY PLAN SS-01

- (S 01) STA. 704+78, 20' RT
RETAIN EXISTING SANITARY SEWER MANHOLE, CHANGE ELEVATION OF SEWER MANHOLE, PROVIDE NEW FRAME AND COVER, REMOVE EXISTING INLET PIPE (N), PLUG EXISTING INLET HOLE, CONNECT NEW 24" PIPE INTO EXISTING STRUCTURE WITH EXPANDABLE RUBBER BOOT, RETAIN EXISTING 48" INLET AND 60" OUTLET PIPES.
RIM ELEVATION = 540.97
24" INV IN (N) = 532.91
- (S 02) STA. 706+02, 19' RT - STA. 704+78, 20' RT
CONSTRUCT NEW SANITARY SEWER MANHOLE (4' I.D.) WITH CAST IRON FRAME AND COVER
CONSTRUCT NEW 124' X 24" SDR 35 PVC SANITARY SEWER PIPE (S=-0.0050 FT/FT)
RIM ELEVATION = 540.61
24" INV IN (N) = 533.61
24" INV OUT (S) = 533.51
- (ES 01) STA. 705+86, 27' RT - STA. 704+72 32' RT
REMOVE EXISTING SMH TO BOTTOM OF PROPOSED SUBBASE, FILL, COVER AND ABANDON SMH,
PLUG, FILL AND ABANDON EXISTING OUTLET PIPE.

STORM AND UTILITY PLAN SS-02

- (S 03) STA. 707+26, 18' RT - STA. 706+02, 19' RT
CONSTRUCT NEW SANITARY SEWER MANHOLE (4' I.D.) WITH CAST IRON FRAME AND COVER
CONSTRUCT NEW 124' X 24" SDR 35 PVC SANITARY SEWER PIPE (S=-0.0177 FT/FT)
RIM ELEVATION = 543.83
24" INV IN (N) = 535.83
24" INV OUT (S) = 535.73
- (S 04) STA. 708+50, 18' RT - STA. 707+26, 18' RT
CONSTRUCT NEW SANITARY SEWER MANHOLE (4' I.D.) WITH CAST IRON FRAME AND COVER
CONSTRUCT NEW 124' X 24" SDR 35 PVC SANITARY SEWER PIPE (S=-0.0884 FT/FT)
RIM ELEVATION = 552.54
24" INV IN (N) = 546.54
24" INV OUT (S) = 546.44
- (S 05) STA. 711+00, 19' RT - STA. 708+50, 18' RT
CONSTRUCT NEW SANITARY SEWER MANHOLE (5' I.D.) WITH CAST IRON FRAME AND COVER AND TWO OUTSIDE DROPS.
CONSTRUCT NEW 250' X 24" SDR 35 PVC SANITARY SEWER PIPE (S=-0.0798 FT/FT)
RIM ELEVATION = 573.27
12" INV IN (N) = 566.27
12" STORM INV IN (NW) = 568.82 (OUTSIDE DROP)
24" STORM INV IN (NE) = 568.03 (OUTSIDE DROP)
24" INV OUT (S) = 566.17

STORM AND UTILITY PLAN SS-03

- (S 06) STA. 712+63, 18' RT - STA. 711+00, 19' RT
CONSTRUCT NEW SANITARY SEWER MANHOLE (4' I.D.) WITH CAST IRON FRAME AND COVER
CONSTRUCT NEW 163' X 12" SDR 35 PVC SANITARY SEWER PIPE (S=-0.0657 FT/FT)
RIM ELEVATION = 584.82
12" INV IN (N) = 576.82
12" INV OUT (S) = 576.72
- (S 07) STA. 714+43, 16' RT - STA. 712+63, 18' RT
CONSTRUCT NEW SANITARY SEWER MANHOLE (4' I.D.) WITH CAST IRON FRAME AND COVER
CONSTRUCT NEW 180' X 12" SDR 35 PVC SANITARY SEWER PIPE (S=-0.0669 FT/FT)
RIM ELEVATION = 597.20
12" INV IN (N) = 588.70
12" INV OUT (S) = 588.60
SEE NOTE 1, THIS SHEET
- (S 08) STA. 715+79, 15' RT - STA. 714+43, 16' RT
CONSTRUCT NEW SANITARY SEWER MANHOLE, (4' I.D.) WITH CAST IRON FRAME AND COVER
CONSTRUCT NEW 136' X 12" SDR 35 PVC SANITARY SEWER PIPE (S=-0.0658) FT/FT
RIM ELEVATION = 606.49
12" INV IN (N) = 597.49
12" INV OUT (S) = 597.39
SEE NOTE 1, THIS SHEET

STORM AND UTILITY PLAN SS-03 (CONT.)

- (ES 02) STA. 712+70, 20' RT - STA. 704+74, 32' RT
REMOVE EXISTING FRAME AND COVER,
FILL, COVER AND ABANDON SMH,
REMOVE (2) EXISTING OUTLET PIPES.
- (ES 03) STA. 715+00, 35' LT - 714+52, 8' RT
PATCH CORED HOLE FROM EXISTING 15" PIPE
REMOVED IN NOTE ED 07, TIE EXISTING
SANITARY SEWER SERVICE INTO SANITARY SEWER
MANHOLE S 07.

STORM AND UTILITY PLAN SS-04

- (S 09) STA. 718+50, 18' RT - STA. 715+79, 15' RT
CONSTRUCT NEW SANITARY SEWER MANHOLE (4' I.D.) WITH CAST IRON FRAME AND COVER
CONSTRUCT NEW 271' X 12" SDR 35 PVC SANITARY SEWER PIPE (S=-0.0579 FT/FT)
RIM ELEVATION = 620.55
12" INV IN (N) = 613.05
12" INV OUT (N) = 612.95
- (S 10) STA. 720+38, 18' RT - STA. 718+50, 18' RT
CONSTRUCT NEW SANITARY SEWER MANHOLE (4' I.D.) WITH CAST IRON FRAME AND COVER
CONSTRUCT NEW 188' X 12" SDR 35 PVC SANITARY SEWER PIPE (S=-0.0292 FT/FT)
RIM ELEVATION = 627.02
12" INV IN (N) = 618.52
12" INV OUT (S) = 618.42
SEE NOTE 1, THIS SHEET
- (S 11) STA. 721+12, 17' RT - STA. 720+38, 18' RT
CONSTRUCT NEW SANITARY SEWER MANHOLE (4' I.D.) WITH CAST IRON FRAME AND COVER
CONSTRUCT NEW 74' X 12" SDR 35 PVC SANITARY SEWER PIPE (S=-0.0191 FT/FT)
RIM ELEVATION = 627.96
12" INV IN (N) = 619.96
12" INV OUT (S) = 619.86
SEE NOTE 1, THIS SHEET
- (S 12) STA. 722+06, 16' RT - STA. 721+12, 17' RT
CONSTRUCT NEW SANITARY SEWER MANHOLE (4' I.D.) WITH CAST IRON FRAME AND COVER AND ONE OUTSIDE DROP.
CONSTRUCT NEW 94' X 12" SDR 35 PVC SANITARY SEWER PIPE (S=-0.0243 FT/FT)
REMOVE 4' OF EXISTING 15" RCP INLET PIPE FROM E16,
TIE EXISTING INLET PIPE INTO SMH WITH OUTSIDE DROP.
RIM ELEVATION = 629.25
12" INV IN (N) = 622.25
15" COMBINED INV IN (W) = 624.54 (OUTSIDE DROP)
12" INV OUT (S) = 622.15

- (ES 04) STA. 715+70, 25' RT - STA. 712+70, 20' RT
REMOVE EXISTING FRAME AND COVER,
FILL, COVER AND ABANDON SMH,
REMOVE EXISTING OUTLET PIPE.

- (ES 05) STA. 722+06, 19' RT - STA. 715+70, 25' RT
REMOVE EXISTING FRAME AND COVER, REMOVE SMH IF NECESSARY,
FILL, COVER AND ABANDON SMH,
REMOVE EXISTING OUTLET PIPE.

STORM AND UTILITY PLAN SS-05

- (S 13) STA. 724+00, 16' RT - STA. 722+06, 16' RT
CONSTRUCT NEW SANITARY SEWER MANHOLE (4' I.D.) WITH CAST IRON FRAME AND COVER
CONSTRUCT NEW 194' X 12" SDR 35 PVC SANITARY SEWER PIPE (S=-0.0058 FT/FT)
RIM ELEVATION = 631.46
12" INV IN (N) = 623.46
12" INV OUT (S) = 623.36
- (S 14) STA. 725+70, 17' RT - STA. 724+00, 16' RT
CONSTRUCT NEW SANITARY SEWER MANHOLE (4' I.D.) WITH CAST IRON FRAME AND COVER
CONSTRUCT NEW 170' X 12" SDR 35 PVC SANITARY SEWER PIPE (S=-0.0148 FT/FT)
RIM ELEVATION = 633.01
12" INV IN (N) = 626.01
12" INV OUT (S) = 625.91

STORM AND UTILITY PLAN SS-05 (CONT.)

- (S 15) STA. 727+33, 17' RT - STA. 725+70, 17' RT
CONSTRUCT NEW SANITARY SEWER MANHOLE (4' I.D.) WITH CAST IRON FRAME AND COVER
CONSTRUCT NEW 163' X 12" SDR 35 PVC SANITARY SEWER PIPE (S=-0.0091 FT/FT)
RIM ELEVATION = 635.06
12" INV IN (N) = 627.56
12" INV OUT (S) = 627.46
- (ES 06) STA. 726+52, 23' RT - STA. 722+06, 19' RT
REMOVE EXISTING FRAME AND COVER,
FILL, COVER AND ABANDON SMH,
REMOVE EXISTING OUTLET PIPE.

STORM AND UTILITY PLAN SS-06

- (S 16) STA. 729+50, 17' RT - STA. 727+33, 17' RT
CONSTRUCT NEW SANITARY SEWER MANHOLE (4' I.D.) WITH CAST IRON FRAME AND COVER
CONSTRUCT NEW 217' X 12" SDR 35 PVC SANITARY SEWER PIPE (S=-0.0087 FT/FT)
RIM ELEVATION = 636.51
12" INV IN (N) = 629.51
12" INV OUT (S) = 629.41
- (S 17) STA. 731+74, 17' RT - STA. 729+50, 17' RT
CONSTRUCT NEW SANITARY SEWER MANHOLE (4' I.D.) WITH CAST IRON FRAME AND COVER
CONSTRUCT NEW 224' X 12" SDR 35 PVC SANITARY SEWER PIPE (S=-0.0030 FT/FT)
RIM ELEVATION = 637.38
12" INV IN (N) = 630.28
12" INV OUT (S) = 630.18
- (S 18) STA. 733+88, 18' RT - STA. 731+74, 17' RT
CONSTRUCT NEW SANITARY SEWER MANHOLE (4' I.D.) WITH CAST IRON FRAME AND COVER
CONSTRUCT NEW 214' X 12" SDR 35 PVC SANITARY SEWER PIPE (S=-0.0027 FT/FT)
RIM ELEVATION = 638.92
12" INV IN (N) = 630.92
12" INV OUT (S) = 630.82
- (ES 07) STA. 731+61, 22' RT - STA. 726+52, 23' RT
REMOVE EXISTING FRAME AND COVER,
FILL, COVER AND ABANDON SMH,
REMOVE EXISTING OUTLET PIPE.
- (ES 08) STA. 732+11, 43' LT
CHANGE ELEVATION OF SEWER MANHOLE, PROVIDE NEW FRAME AND COVER

SANITARY SEWER NOTES:

1. CONTRACTOR TO FIELD VERIFY EXISTING SEWER SERVICE MATERIAL, SIZE, LOCATION AND ELEVATION PRIOR TO CONSTRUCTING NEW SANITARY SEWER MANHOLE. PAYMENT FOR EXPLORATORY EXCAVATION SHALL BE CONSIDERED INCIDENTAL TO ITEM 900.645 SPECIAL PROVISION (TRANSFER TO NEW SYSTEM, SANITARY SEWER). NEW SANITARY SEWER MANHOLES SHALL BE FURNISHED WITH OUTSIDE DROPS AS REQUIRED.
2. 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
SEWER NOTES SN-01	SHEET 306 OF 392

