

ROANOKE, VA - PROPOSED SERVICING FACILITY - ALBEMARLE AVENUE

DESCRIPTION	SHEET NO.	REV. DATE
COVER SHEET	1	R1
INDEX OF SHEETS, CONTROL POINTS, LEGEND, STAKING TABLES	2	R1
PROJECT OVERVIEW	3	R1
TRACK - PROPOSED PLAN AND PROFILE		
PLAN AND PROFILE - STA. 27+00 TO 41+00 - MAIN LINE	4	R1
PLAN AND PROFILE - STA. -2+00 TO 12+00 - SERVICING	5	R1
TYPICAL SECTIONS	6	R1
CROSS SECTIONS		
CROSS SECTIONS - STA. 29+00 TO 34+50	7	R1
CROSS SECTIONS - STA. 35+00 TO 39+50	8	R1
CROSS SECTIONS - STA. 40+00 TO 42+50	9	R1
CROSS SECTIONS - STA. 43+00 TO 45+50	10	R1
CROSS SECTIONS - STA. 46+00 TO 48+50	11	R1
CROSS SECTIONS - STA. 49+00 TO 49+50	12	R1
PROPOSED GRADE CROSSING		
ALBEMARLE AVENUE GRADE CROSSING - PLAN AND PROFILE	13	
FACILITY		
SERVICING FACILITY SITE PLAN	14	R1
SERVICING FACILITY SITE PLAN - COORDINATES	14A	
SERVICING FACILITY SEWER PLAN	15	R1
SERVICING FACILITY GRADING AND DRAINAGE	16	
SERVICING FACILITY DRAINAGE PROFILE	17	
CRASH WALL		
CRASH WALL PLAN	18	R1
CRASH WALL PLAN	19	R1
DETAILS		
WATER DETAILS	20	R1
WATER DETAILS	21	
TRAIN DISCONNECT DETAILS	22	
AIR SYSTEM DETAILS	23	R1
SEWER DETAILS	24	R1
SEWER DETAILS	25	
FENCE AND BARRIER DETAILS	26	R1
ROADWAY AND MISC. STRUCTURES	27	R1
DRAINAGE DETAILS	28	
EROSION AND SEDIMENT CONTROL		
EROSION CONTROL NOTES	29	R1
EROSION CONTROL DETAILS	30	
EROSION CONTROL DETAILS	31	
ESC PLAN	32	R1
ESC PLAN	32A	R1
BUILDING		
BUILDING DETAILS	33	R1
BUILDING DETAILS	34	R1
BUILDING DETAILS	35	
BUILDING DETAILS	36	
ELECTRICAL		
ELECTRICAL DETAILS	EP00	
ELECTRICAL DETAILS	EP01	
ELECTRICAL DETAILS	EP02	
ELECTRICAL DETAILS	EP11	
ELECTRICAL DETAILS	EP12	
ELECTRICAL DETAILS	EP81	
ELECTRICAL DETAILS	EP82	
ELECTRICAL DETAILS	EP83	
ELECTRICAL DETAILS	EP84	

13016 ROANOKE, VA - PROPOSED SERVICING FACILITY -

SURVEY CONTROL POINTS

POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	3624408.5477	11064474.3486	920.96	CPIPSCAP
2	3624250.2665	11064458.9392	922.49	CPIPSCAP
3	3623723.3774	11064396.4615	924.66	CPIPSCAP
4	3623724.1620	11064413.5028	924.23	CPIPSCAP
5	3623268.7952	11064428.9562	925.71	CPIPSCAP
6	3622845.1493	11064379.1067	924.20	CPIPSCAP
7	3622578.9039	11064331.4688	926.12	CPPK
8	3622288.4847	11064228.1669	924.04	CPIPSCAP
9	3622150.7813	11064168.2704	924.14	CPIPSCAP
10	3621596.5149	11064025.3296	924.03	CPIPSCAP

13016 ROANOKE, VA - STAKING TABLE -

PROPOSED MAIN REALIGNMENT

STATION	NORTHING	EASTING	ELEVATION	OFFSET FROM EX. MAIN
29+21.33	3623553.2057	11064417.1462	926.38	0.00
30+00.00	3623474.8125	11064423.7393	926.59	-0.02
30+98.22 PVC	3623376.9429	11064431.9705	926.85	-0.18
31+00.00	3623375.1643	11064432.1201	926.85	-0.19
31+25.25 PTS	3623350.0051	11064434.2360	926.91	-0.38
31+50.00	3623325.3377	11064436.2803	926.94	-0.79
31+87.25 PSC	3623288.1867	11064438.9584	926.96	-1.50
32+00.00	3623275.4519	11064439.6746	926.96	-1.75
32+50.00	3623225.4704	11064441.3203	926.90	-2.44
32+98.22 PVT	3623177.2471	11064441.1509	926.77	-2.79
33+00.00	3623175.4622	11064441.1115	926.77	-2.81
33+50.00	3623125.4962	11064439.0486	926.60	-3.13
34+00.00	3623075.6410	11064435.1343	926.43	-3.80
34+50.00	3623025.9653	11064429.3742	926.26	-4.64
34+83.67 PVC	3622992.6532	11064424.4597	926.15	-5.06
35+00.00	3622976.5373	11064421.7760	926.09	-5.18
35+50.00	3622927.4250	11064412.3503	925.97	-5.08
35+96.79 PCS	3622881.8164	11064401.8870	925.89	-4.27
36+00.00	3622878.6967	11064401.1102	925.89	-4.19
36+50.00	3622830.3496	11064388.3636	925.87	-2.76
36+58.79 PST	3622821.8729	11064386.0568	925.87	-2.52
37+00.00	3622782.1059	11064375.2283	925.89	-1.61
37+33.67 PVT	3622749.6228	11064366.3832	925.94	-1.07
37+50.00	3622733.8624	11064362.0917	925.97	-0.84
38+00.00	3622685.6190	11064348.9550	926.05	-0.31
38+50.00	3622637.3756	11064335.8184	926.14	-0.05
38+71.42	3622616.7078	11064330.1906	926.17	0.00

CITY OF ROANOKE, VIRGINIA

13016 ROANOKE, VA - STAKING TABLE -

PROPOSED SERVICING TRACK

STATION	NORTHING	EASTING	ELEVATION
0+00.00 PS	3622723.7978	11064359.3511	925.98
1+00.00	3622625.8400	11064339.7847	926.16
1+11.00 PVC	3622614.9911	11064337.9678	926.17
2+00.00	3622527.2137	11064323.2669	926.26
2+11.00 PVT	3622516.3648	11064321.4500	926.26
2+60.16 PC	3622467.8815	11064313.3301	926.26
3+00.00	3622428.7981	11064305.3787	926.26
3+27.14 PT	3622402.5341	11064298.4156	926.26
4+00.00	3622332.5685	11064278.0813	926.26
5+00.00	3622238.5419	11064250.1727	926.26
6+00.00	3622140.5153	11064222.2641	926.26
7+00.00	3622044.4887	11064194.3556	926.26
8+00.00	3621948.4620	11064166.4470	926.26
9+00.00	3621852.4354	11064138.5384	926.26
10+00.00	3621756.4088	11064110.6299	926.26
11+00.00	3621660.3822	11064082.7213	926.26
11+42.26	3621619.7997	11064070.9267	926.26

LEGEND

C/L EXISTING TRACK

C/L TRACK TO BE REMOVED OR RELOCATED

C/L PROPOSED TRACK

EXISTING RAILROAD RIGHT-OF-WAY

PROPOSED RAILROAD RIGHT-OF-WAY

EXISTING PROPERTY LINE

EXISTING FENCE

SURVEY CONTROL POINT

PROPOSED LIMITS OF GRADING

EXISTING GAS LINE

EXISTING WATER LINE

PROPOSED WATER LINE

EXISTING FIBER OPTIC CABLE

EXISTING OVERHEAD POWER LINE

PROPOSED UNDERGROUND POWER LINE

EXISTING SANITARY SEWER

PROPOSED SANITARY SEWER

PROPOSED UNDERGROUND AIR LINE

EXISTING DRAINAGE PIPE

PROPOSED DRAINAGE PIPE

EXISTING PAVEMENT

PAVEMENT TO BE REMOVED

PROPOSED PAVEMENT

SCALE: NONE

DO NOT SCALE THIS DRAWING FOR DIMENSIONS NOT GIVEN

PROJECT NO: 13016

DATE:

DRAWN BY: EVU

CHECKED BY: HAC

REVISIONS:

C

r

o

u

c

h

engineering

CROUCH ENGINEERING®

428 WILSON PIKE CIRCLE

BRENTWOOD, TN 37027

PHONE NO. (615) 791-0630

COPYRIGHT © CROUCH ENGINEERING, ALL RIGHTS RESERVED.

REPRODUCTION AND DISTRIBUTION ONLY UNDER PERMISSION AND LICENSE BY CROUCH ENGINEERING.

FOR PERMISSION, CONTACT HARVEY A. CROUCH.

NORFOLK SOUTHERN

NORFOLK SOUTHERN RAILWAY COMPANY

POCAHONTAS

OPERATING DIVISION

OFFICE OF THE CHIEF ENGINEER - DESIGN AND CONSTRUCTION - ATLANTA, GA.

R1

EVU

08/26/16

REVISED SEWER LATERAL, CRASH WALL, ADDED COORDINATE SHEET, AND

REV

BY

DATE

DESCRIPTION

LOCATION

ROANOKE, VIRGINIA

TITLE

PROPOSED SERVICING FACILITY - ALBEMARLE AVENUE

SHEET INDEX, CONTROL POINTS, LEGEND

DWN

EVU

PTD No. D1940

VAL MAP

V-10-VA/2A (115380)

TITLE POST

WR 0.73

DWN

EVU

FILE No.

CRSD129781

DRAWING NUMBER

CHK

BLP

DATE

APRIL 28, 2016

TD-2015-105-R1

CADD FILE*

SHEET 2 OF 46