SANITARY SEWER TABLE

(S1) Sanitary Sewer Manhole
Top Rim =1010.15'
Inv. In 10" = 1002.80'
Inv. Out 10" = 1002.70'

(S2) Sanitary Sewer Manhole
Top Rim = 1012.08'
Inv. In 8" = 1006.93'
Inv. In 10" = 1006.45'
Inv. Out 10" = 1006.40'

(S3) Sanitary Sewer Manhole
Top Rim = 1012.96
Inv. In Lat. = 1011.00' (From Bldg.)
Inv. In 10" = 1007.25'
Inv. Out 10" = 1007.17'

(S4) Sanitary Sewer Manhole
Top Rim = 1023.81'
Inv. In Lat. = 1018.85' (Hse. #4143)
Inv. In 8" = 1015.34'
Inv. Out 8" = 1014.89'

(S5) Sanitary Sewer Manhole
Top Rim = 1029.54'
Inv. In Lat. = 1023.12' (Hse. #4139)
Inv. In 8" = 1024.29'
Inv. Out 8" = 1020.56'

(S6) Sanitary Sewer Manhole
Top Rim = 1037.58'
Inv. In Lat. = 1032.62' (Hse. #4131)
Inv. In 8" = 1031.88'
Inv. Out 8" = 1031.66'

(S7) Sanitary Sewer Manhole
Top Rim = 1059.67'
Inv. In 8" = 1053.33'
Inv. Out 8" = 1053.11'

(S8) Sanitary Sewer Manhole
Top Rim = 1063.25'
Inv. In Lat. = 1057.98' (Hse. #4109)
Inv. In 8" = 1057.25'
Inv. Out 8" = 1057.12'

(S9) Sanitary Sewer Manhole
Top Rim = 1021.45'
Inv. Flow 8" = 1015.50'

(S10) Sanitary Sewer Manhole
Top Rim = 1046.99'
Inv. In 6" = 1042.12' (Hse. #4105)
Inv. In 8" = 1037.65'
Inv. Out 8" = 1037.48'

(S11) Sanitary Sewer Manhole
Top Rim = 1060.15'
Inv. In 6" = 1055.01'
Inv. In 8" = 1054.90'
Inv. Out 8" = 1054.90'

(S12) Sanitary Sewer Manhole
Top Rim = 1052.56'
Inv. In 8" = 1048.46' (From S39)
Inv. In 8" = 1043.06' (From S11)
Inv. In 8" = 1043.07' (From S14)
Inv. Out 8" = 1042.87'

(S13) Sanitary Sewer Manhole
Top Rim = 1027.03'
Inv. Flow 8" = 1022.50'

(S14) Sanitary Sewer Manhole
Top Rim = 1075.59'
Inv. In 8" = 1069.72'
Inv. Out 8" = 1069.55'

(S15) Sanitary Sewer Manhole
Top Rim = 1036.69'
Inv. Flow 8" = 1029.60'

(S16) Sanitary Sewer Manhole
Top Rim = 1052.67'
Inv. In 8" = 1045.01' (From S17)
Inv. In 8" = 1045.27' (From S18)
Inv. In 8" = 1044.84' (From S19)
Inv. Out 8" = 1044.73'

(S17) Sanitary Sewer Manhole
Top Rim = 1072.44'
Inv. In 6" = 1068.38' (Vacant Lot)
Inv. In 6" = 1068.02'(Hse.# 3914)
Inv. In 8" = 1067.79'
Inv. Out 8" = 1067.58'

(S18) Sanitary Sewer Manhole
Top Rim = 1054.34'
Inv. In 8" = 1047.46'
Inv. Out 8" = 1047.42'

(S19) Sanitary Sewer Manhole
Top Rim = 1055.67'
Inv. In 8" = 1047.87' (From Alley)
Inv. In 8" = 1077.66' (From S20)
Inv. Out 8" = 1047.65'

(S20) Sanitary Sewer Manhole
Top Rim = 1058.28'
Inv. In 8" = 1050.63' (From S21)
Inv. In 8" = 1050.38' (From S23)
Inv. In 8" = 1050.38' (From S26)
Inv. Out 8" = 1050.30'

(S21) Sanitary Sewer Manhole
Top Rim = 1082.41'
Inv. In 8" = 1075.38'
Inv. Out 8" = 1073.19'

(S22) Sanitary Sewer Manhole
Top Rim = 1097.02' (From Records)
Inv. 8" = 1092.42' (From Records)

(S23) Sanitary Sewer Manhole
Top Rim = 1091.31'
Inv. In 8" = 1083.49'
Inv. Out 8" = 1083.22'

(S24) Sanitary Sewer Manhole
Top Rim = 1103.86'
Inv. In 8" = 1095.25'
Inv. Out 8" = 1095.11'

(S25) Sanitary Sewer Manhole
Top Rim = 1119.51'
Inv. Out 8" = 1109.81'

(S26) Sanitary Sewer Manhole
Top Rim = 1065.82'
Inv. In 8" = 1057.44' (From S30)
Inv. In 8" = 1057.27' (From S31)
Inv. In 8" = 1059.60' (From S27)
Inv. Out 8" = 1057.20'

(S27) Sanitary Sewer Manhole
Top Rim = 1092.42'
Inv. In 6" = 1086.27' (Hse.# 3914)
Inv. In 8" = 1086.03'
Inv. Out 8" = 1085.64'

(S28) Sanitary Sewer Manhole
Top Rim = 1107.80'
Inv. In 6" = 1102.02' (Hse.# 3930)
Inv. In 6" = 1101.65' (Hse.# 3929)
Inv. In 8" = 1101.66'
Inv. Out 8" = 1101.15'

(S29) Sanitary Sewer Manhole
Top Rim = 1111.17'
Inv. In 6" = 1105.39' (Hse.#3933)
Inv. Out 8" = 1105.29'

(S30) Sanitary Sewer Manhole (Buried)
Top Rim = 1083.19' (From Records)
Inv. Out 8" = 1077.19' (From Records)

(S31) Sanitary Sewer Manhole
Top Rim = 1076.07'
Inv. Out 8" = 1066.46'

(S32) Sanitary Sewer Manhole
Top Rim = 1049.28'
Inv. In 8" = 1031.30'
Inv. Out 8" = 1031.16'

(S33) Sanitary Sewer Manhole
Top Rim = 1051.54'
Inv. In 8" = 1034.64'
Inv. In 8" = 1034.74'
Inv. Out 8" = 1034.66'

(S34) Sanitary Sewer Manhole
Top Rim = 1071.73'
Inv. In 8" = 1063.91'
Inv. Out 8" = 1063.68'

(S35) Sanitary Sewer Manhole
Top Rim = 1089.93'
Inv. In 8" = 1082.63'
Inv. Out 8" = 1082.60'

(S36) Sanitary Sewer Manhole
Top Rim = 1091.42'
Inv. In 6" = 1088.40' (Hse.# 4111)
Inv. In 8" = 1085.94'
Inv. Out 8" = 1085.86'

(S37) Sanitary Sewer Manhole
Top Rim = 1085.81'
Inv. In 8" = 1080.37'
Inv. Out 8" = 1079.80'

(S38) Sanitary Sewer Manhole
Top Rim = 1077.27'
Inv. In 8" = 1069.83' (From S37)
Inv. In 8" = 1069.90' (From S40)
Inv. Out 8" = 1069.81'

(S39) Sanitary Sewer Manhole
Top Rim = 1083.29'
Inv. Flow 8" = 1067.90'

(S40) Sanitary Sewer Manhole
Top Rim = 1083.77'
Inv. In 8" = 1075.31'
Inv. Out 8" = 1075.02'

(S41) Sanitary Sewer Manhole
Top Rim = 1099.46'
Inv. In 8" = 1090.90'
Inv. Out 8" = 1090.76'

(S42) Sanitary Sewer Manhole
Top Rim = 1103.94'
Inv. In 8" = 1097.05' (Hse.# 4002)
Inv. In 8" = 1097.13' (Hse.# 4003)
Inv. Out 8" = 1096.97'

(S43) Sanitary Sewer Manhole
Top Rim = 1042.32' (From Records)
Inv. Flow 8" = 1037.06 (From Records)

(S44) Sanitary Sewer Manhole
Top Rim = 1055.00'
Inv. In 8" = 1047.78' (From S46)
Inv. In 8" = 1046.90' (From S45)
Inv. Out 8" = 1046.80'

(S45) Sanitary Sewer Manhole
Top Rim = 1064.73' (From Records)
Inv. Flow 8" = 1056.63' (From Records)

(S46) Sanitary Sewer Manhole
Top Rim = 1059.85'
Inv. Out 8" = 1053.80'

(S47) Sanitary Sewer Manhole
Top Rim = 1067.66'
Inv. In 8" = 1058.16'
Inv. Out 8" = 1058.03'

(S48) Sanitary Sewer Manhole
Top Rim = 1081.92'
Inv. In 8" = 1075.62'
Inv. Out 8" = 1075.40'

(S49) Sanitary Sewer Manhole
Top Rim = 1093.56'
Inv. In 8" = 1086.58' (Hse.# 4119)
Inv. In 8" = 1085.98'
Inv. Out 8" = 1085.90'

(S50) Sanitary Sewer Manhole
Top Rim = 1112.17'
Inv. In 8" = 1105.01'
Inv. Out 8" = 1104.76'

(S51) Sanitary Sewer Manhole
Top Rim = 1115.36'
Inv. In 8" = 1106.52'
Inv. Out 8" = 1106.58'

(S52) Sanitary Sewer Manhole
Top Rim = 1123.66'
Inv. In 6" = 1116.99' (Hse.# 4005)
Inv. In 6" = 1116.84' (Hse.# 4006)
Inv. Out 8" = 1116.58'

STORM DRAIN TABLE

(D1) Curb Inlet
Top Rim =1012.53'
Inv. In 15" = 1008.03'
Inv. Out 10" = 1007.88'

(D2) Curb Inlet
Top Rim = 1013.01'
Inv. In 15" RCP = 1009.08'
Inv. Out 15" RCP = 1008.75'

(D3) Curb Inlet
Top Rim = 1012.96'
Inv. In 4" Steel = 1010.57'
Inv. Out 15" RCP = 1010.22'

(D4) Curb Inlet
Top Rim = 1054.10'
Inv. Out 15" RCP = 1049.06'

(D5) Storm Drain Manhole
Top Rim = 1052.64'
Inv. In 15" RCP = 1044.84' (From D4)
Inv. In 18" HDP = 1042.60' (From D6)
Inv. In 18" RCP = 1047.44' (From D7)
Inv. In 30" RCP = 1044.21'
Inv. Out 30" RCP = 1042.59'

(D6) Curb Inlet
Top Rim = 1052.32'
Inv. In 18" RCP = 1044.34'
Inv. Out 18" HDP = 1044.48'

(D7) Curb Inlet
Top Rim = 1053.71'
Inv. Out 18" RCP = 1048.66'

(D8) Storm Drain Manhole
Top Rim = 1055.19'
Inv. In 30" RCP = 1049.02'
Inv. Out 30" RCP = 1047.16'

(D9) Curb Inlet
Top Rim = 1058.97'
Inv. Out 15" RCP = 1054.67'

(D10) Storm Drain Manhole
Top Rim = 1058.70'
Inv. In 15" RCP = 1052.06' (From D9)
Inv. In 15" RCP = 1054.42' (From D11)
Inv. In 30" RCP = 1050.32'
Inv. Out 30" RCP = 1050.09'

(D11) Curb Inlet w/ Brick Ret. Wall
Top Rim = 1059.00'
Inv. Out 15" RCP = 1054.85'

(D12) Curb Inlet
Top Rim = 1064.77'
Inv. Out 15" RCP = 1057.77'

(D13) Storm Drain Manhole
Top Rim = 1064.09'
Inv. In 15" RCP = 1057.67' (From D12)
Inv. In 15" RCP = 1060.23' (From D14)
Inv. In 30" RCP = 1054.61'
Inv. Out 30" RCP = 1054.16'

(D14) Curb Inlet w/ Brick Ret. Wall
Top Rim = 1064.41'
Inv. Out 15" RCP = 1060.00'

(D15) Catch Basin
Top Lid = 1066.40'
Inv. Out 30" RCP = 1059.45'

(D16) Curb Inlet
Top Rim = 1053.82'
Inv. Out 15" RCP = 1049.45'

(D17) Crushed CMP
Inv. In = Unk.
Inv. Out = 1033.88'

COMMONWEALTH OF VIRGINIA
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WASHINGTON HEIGHTS WATERLINE REPLACEMENT PHASE 1

INDEX SHEET & SURVEY DATA

ROANOKE, VIRGINIA

Vertical Scale:

Horizontal Scale: N/A

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