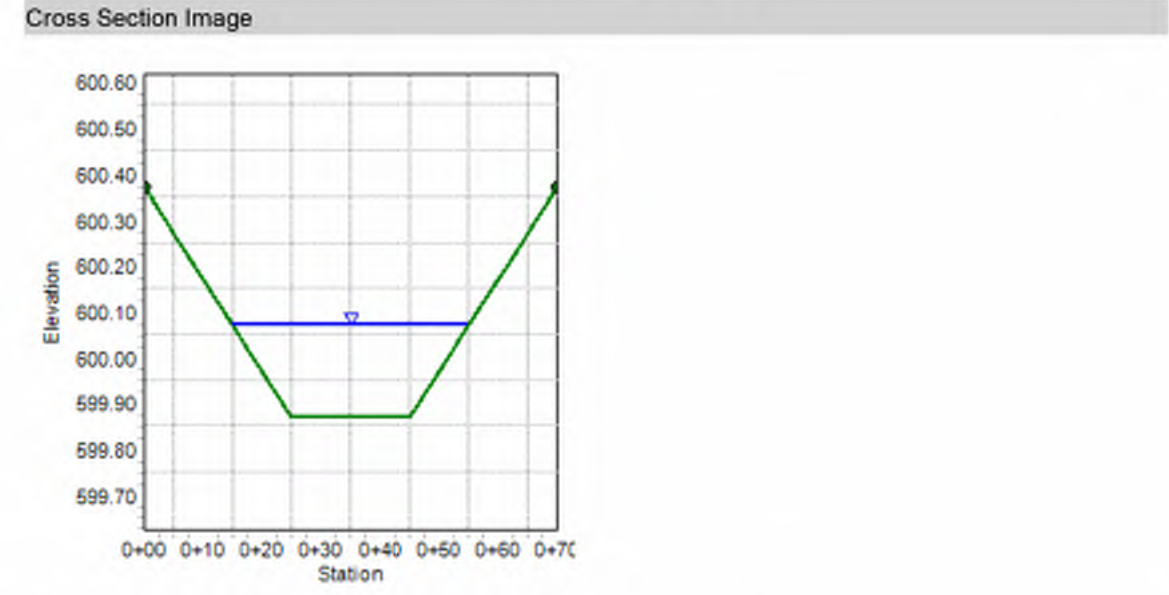


H:\CAD\22000-22999\22074\Nimp\Plan\22074 - C291 - Emergency Relief Path Cross-Sections.dgn : Default 6/29/2021 4:40:32 PM Plotted by: rhomes Plot Scale: 1/8"=1'-0" Plot Driver: volz15.pdf.plt.ctb Pen Table: volz15.pdf.tbl

Section A-A

Project Description table with Friction Method (Manning Formula) and Solve For (Normal Depth).

Input Data table with Channel Slope (0.02000 ft/ft), Normal Depth (0.20 ft), and Discharge (15.32 ft³/s).

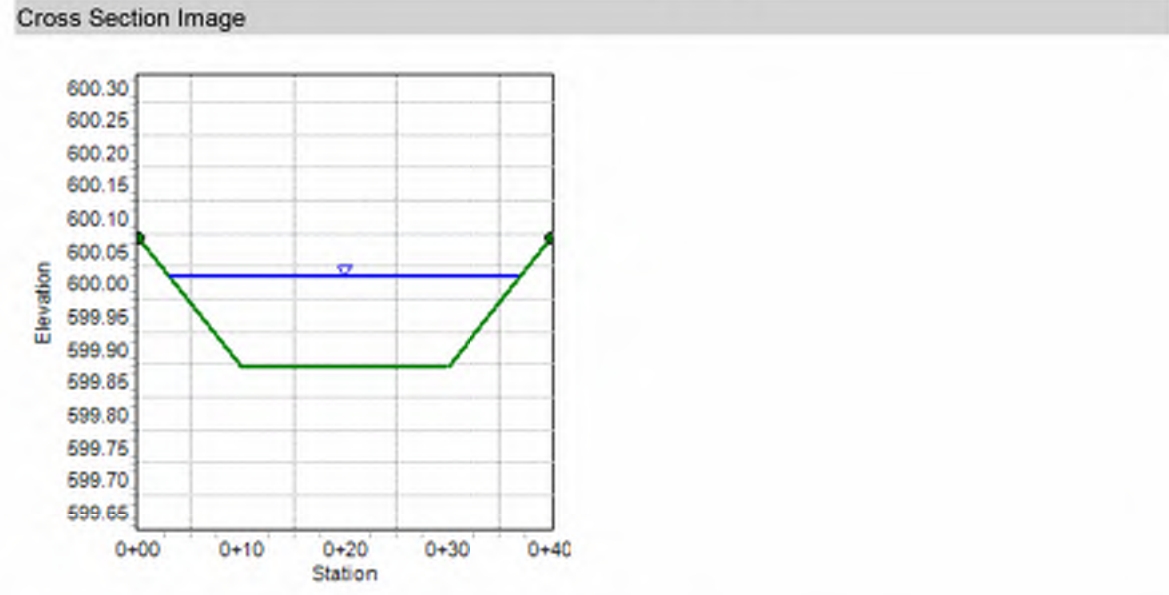


Results table for Section A-A including Normal Depth (0.20 ft), Elevation Range (599.87 to 600.37 ft), Flow Area (6.14 ft²), and other hydraulic parameters.

Section B-B

Project Description table for Section B-B.

Input Data table for Section B-B with Channel Slope (0.02000 ft/ft), Normal Depth (0.14 ft), and Discharge (7.36 ft³/s).

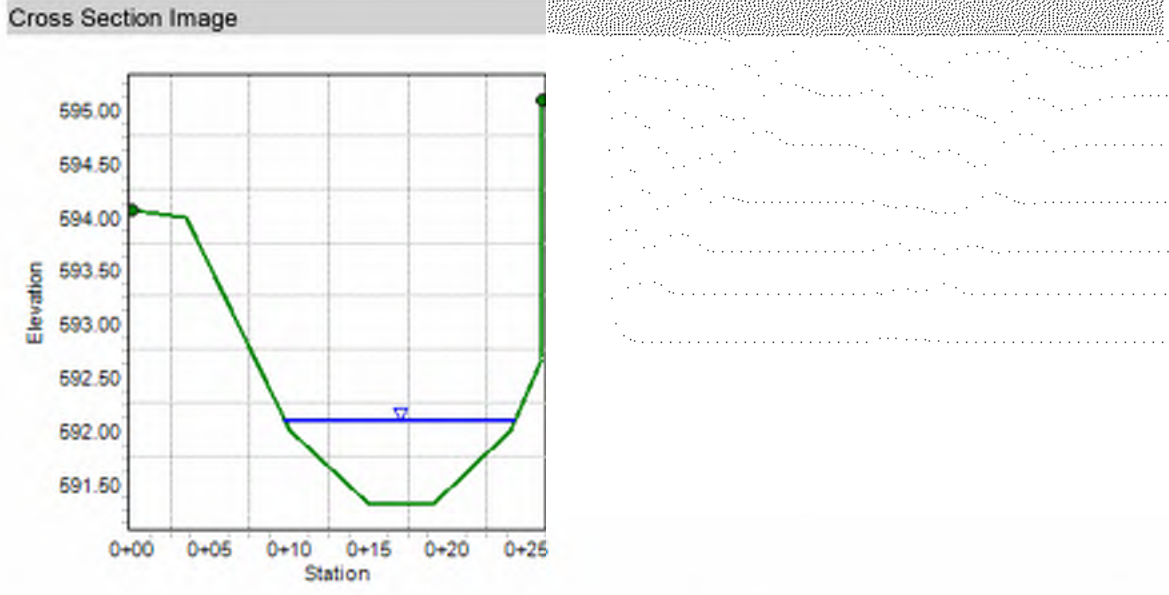


Results table for Section B-B including Normal Depth (0.14 ft), Elevation Range (599.87 to 600.07 ft), Flow Area (3.68 ft²), and other hydraulic parameters.

Section C-C

Project Description table for Section C-C.

Input Data table for Section C-C with Channel Slope (0.02000 ft/ft), Normal Depth (0.79 ft), and Discharge (42.89 ft³/s).

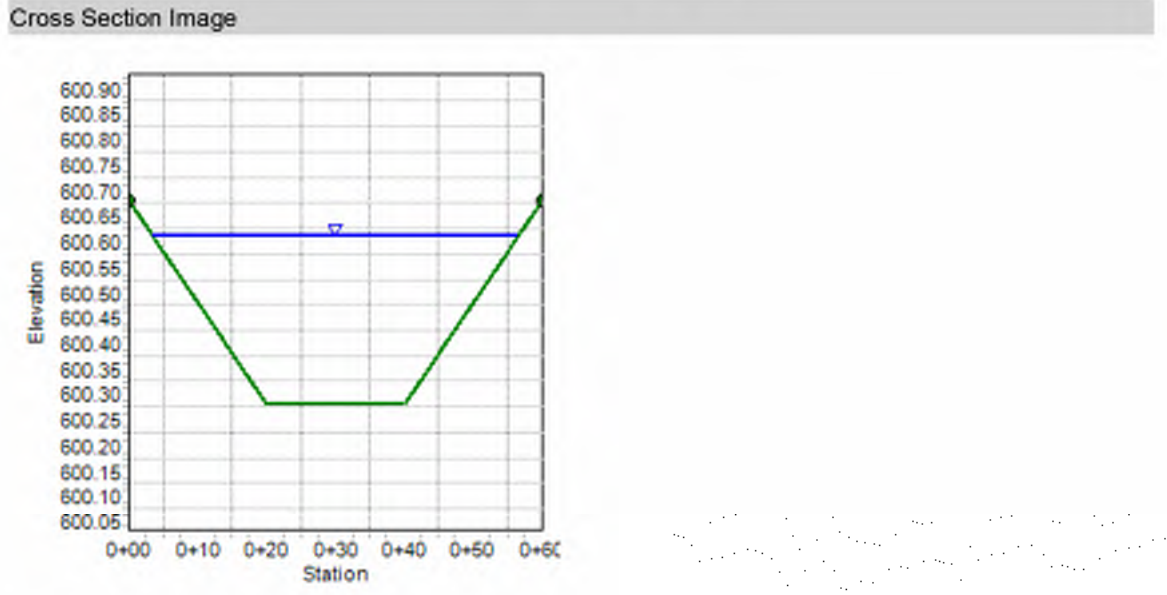


Results table for Section C-C including Normal Depth (0.79 ft), Elevation Range (591.30 to 595.09 ft), Flow Area (7.60 ft²), and other hydraulic parameters.

Section D-D

Project Description table for Section D-D.

Input Data table for Section D-D with Channel Slope (0.02000 ft/ft), Normal Depth (0.33 ft), and Discharge (40.11 ft³/s).

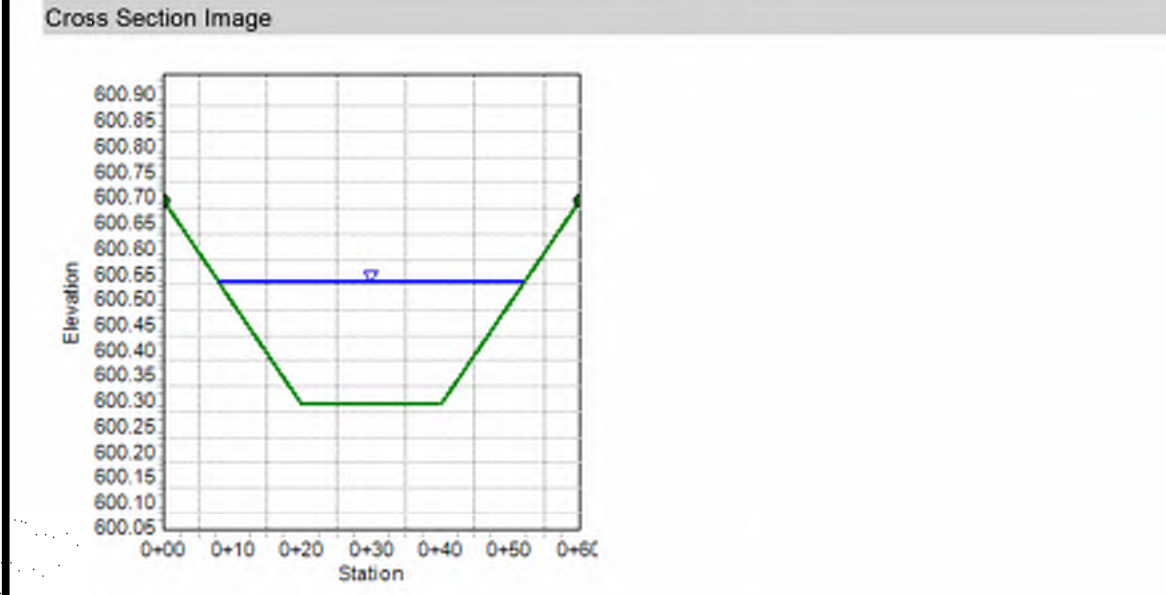


Results table for Section D-D including Normal Depth (0.33 ft), Elevation Range (600.28 to 600.68 ft), Flow Area (12.24 ft²), and other hydraulic parameters.

Section E-E

Project Description table for Section E-E.

Input Data table for Section E-E with Channel Slope (0.01500 ft/ft), Normal Depth (0.24 ft), and Discharge (28.28 ft³/s).

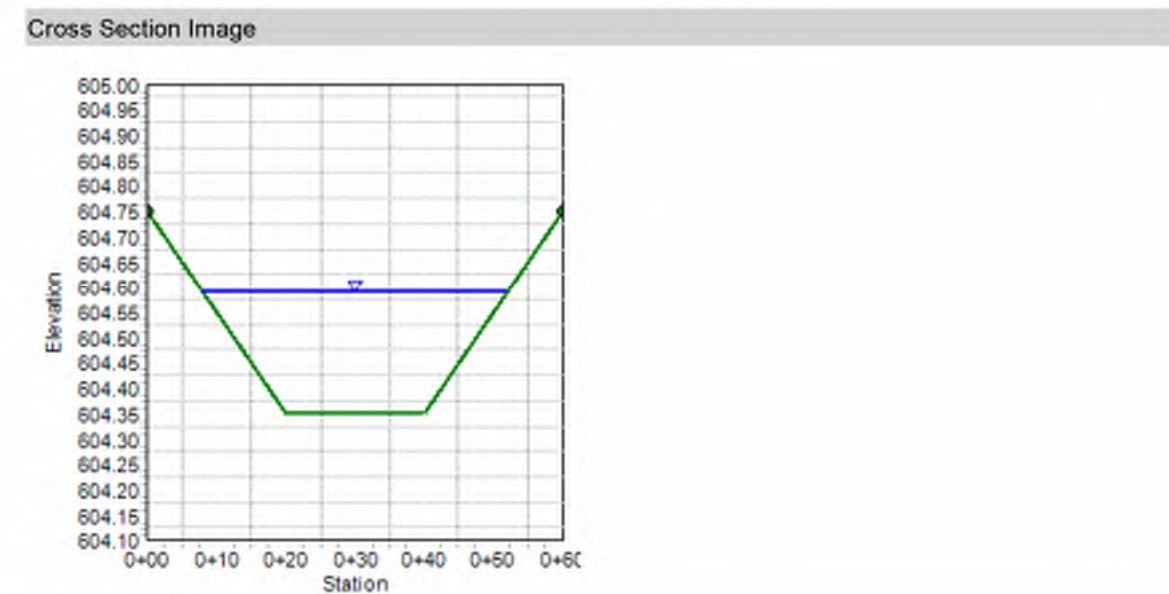


Results table for Section E-E including Normal Depth (0.24 ft), Elevation Range (600.29 to 600.69 ft), Flow Area (7.87 ft²), and other hydraulic parameters.

Section F-F

Project Description table for Section F-F.

Input Data table for Section F-F with Channel Slope (0.02000 ft/ft), Normal Depth (0.24 ft), and Discharge (21.41 ft³/s).

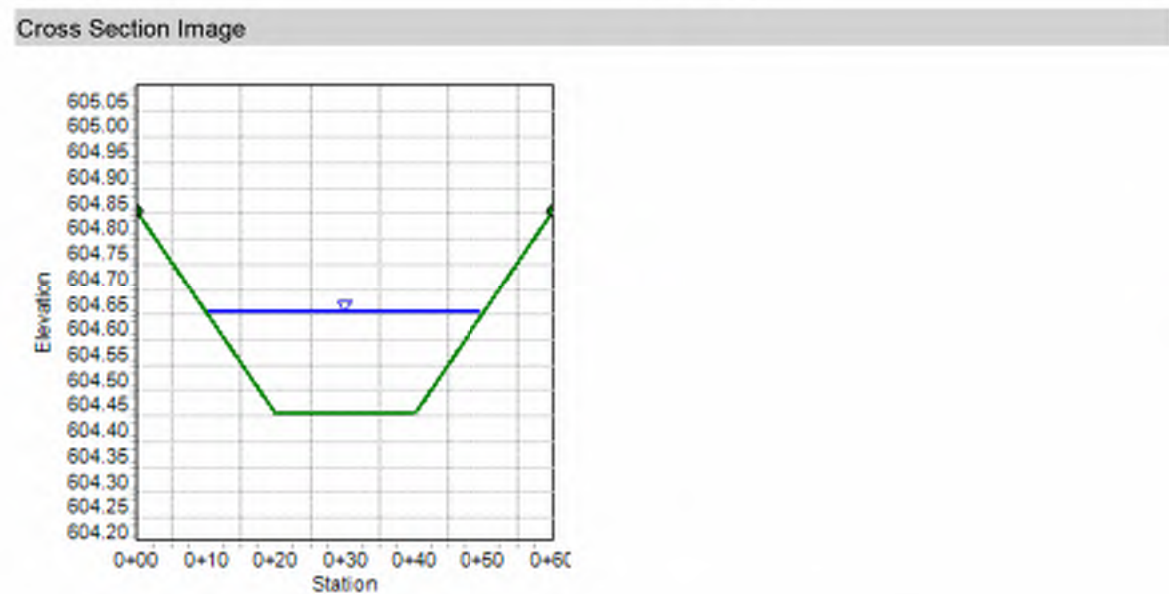


Results table for Section F-F including Normal Depth (0.24 ft), Elevation Range (604.35 to 604.75 ft), Flow Area (7.79 ft²), and other hydraulic parameters.

Section G-G

Project Description table for Section G-G.

Input Data table for Section G-G with Channel Slope (0.02000 ft/ft), Normal Depth (0.20 ft), and Discharge (14.19 ft³/s).

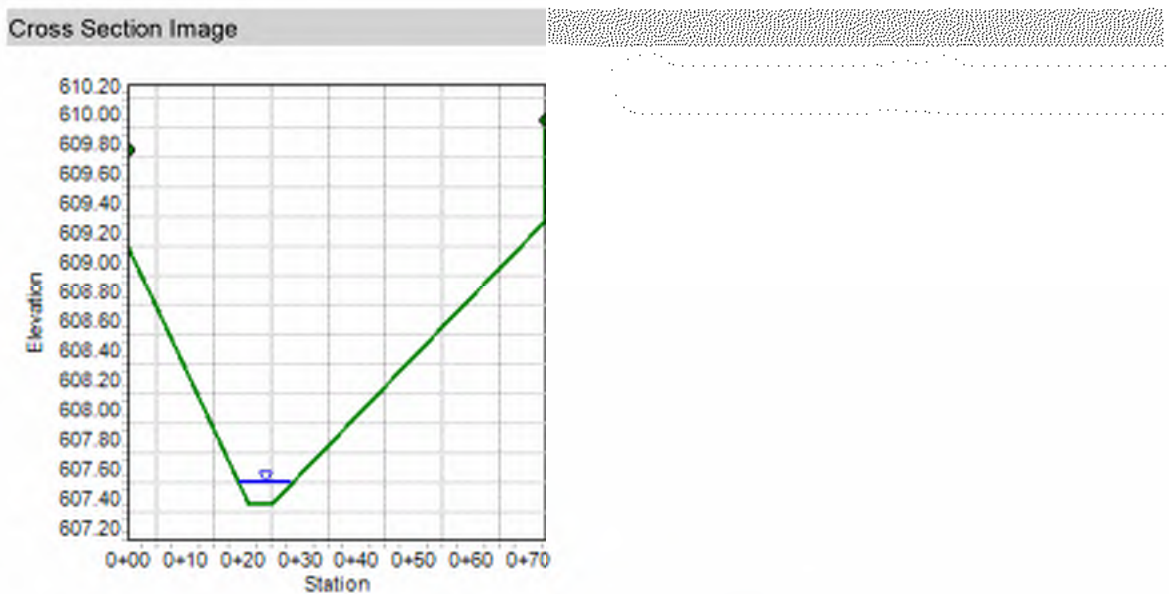


Results table for Section G-G including Normal Depth (0.20 ft), Elevation Range (604.43 to 604.83 ft), Flow Area (5.82 ft²), and other hydraulic parameters.

Section H-H

Project Description table for Section H-H.

Input Data table for Section H-H with Channel Slope (0.02000 ft/ft), Normal Depth (0.14 ft), and Discharge (1.60 ft³/s).

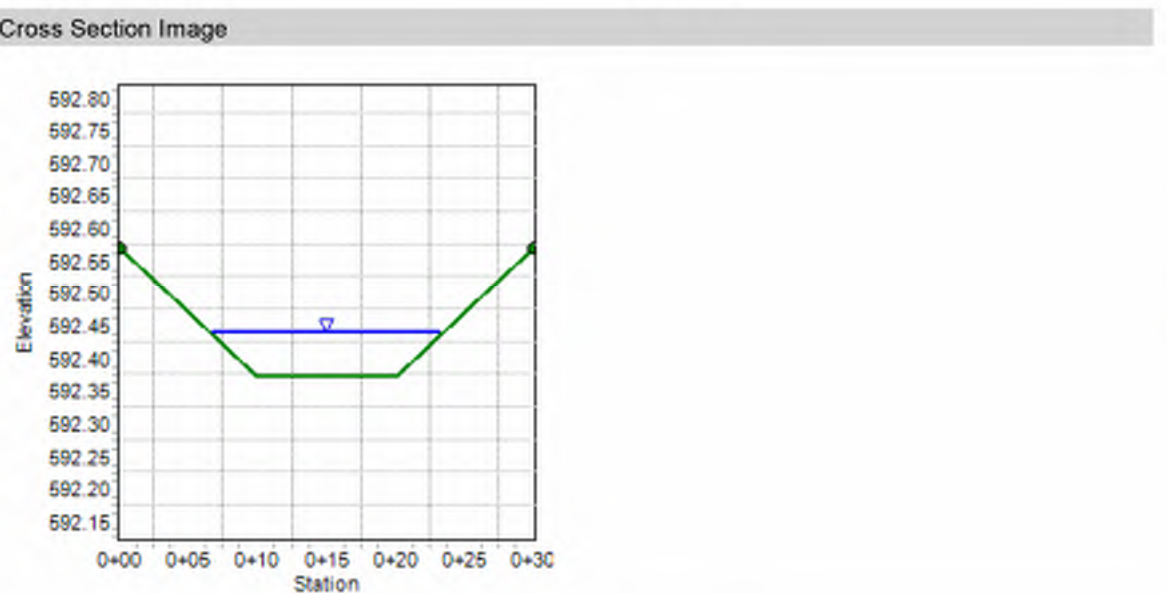


Results table for Section H-H including Normal Depth (0.14 ft), Elevation Range (607.35 to 609.95 ft), Flow Area (0.94 ft²), and other hydraulic parameters.

Section J-J

Project Description table for Section J-J.

Input Data table for Section J-J with Channel Slope (0.20000 ft/ft), Normal Depth (0.07 ft), and Discharge (3.47 ft³/s).

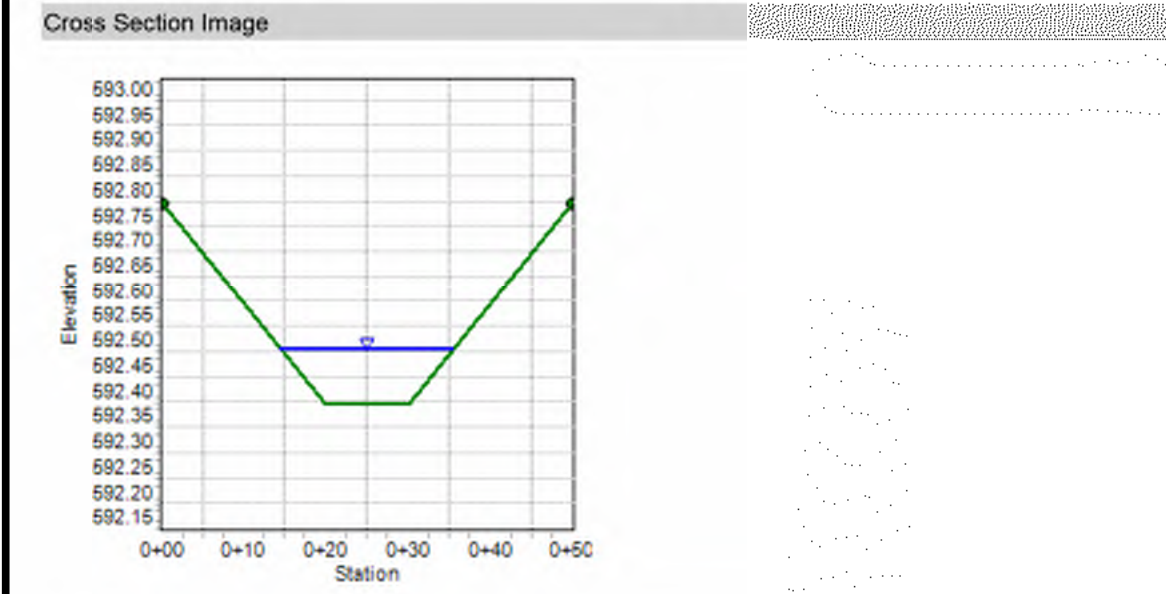


Results table for Section J-J including Normal Depth (0.07 ft), Elevation Range (592.37 to 592.57 ft), Flow Area (0.89 ft²), and other hydraulic parameters.

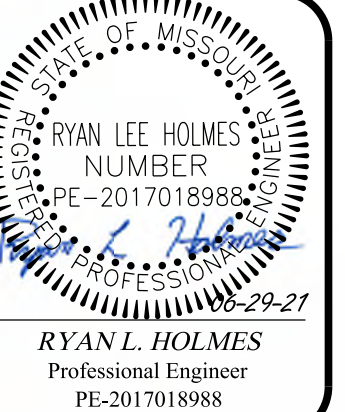
Section K-K

Project Description table for Section K-K.

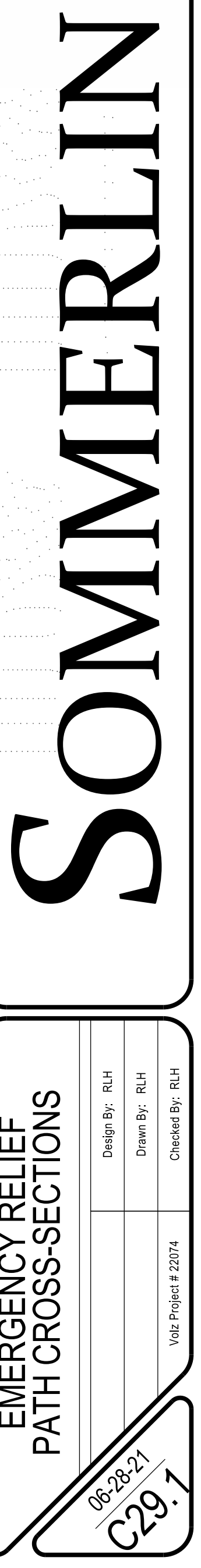
Input Data table for Section K-K with Channel Slope (0.20000 ft/ft), Normal Depth (0.11 ft), and Discharge (9.02 ft³/s).



Results table for Section K-K including Normal Depth (0.11 ft), Elevation Range (592.37 to 592.77 ft), Flow Area (1.73 ft²), and other hydraulic parameters.



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EMERGENCY RELIEF PATH CROSS-SECTIONS. Design By: R/LH, Drawn By: R/LH, Checked By: R/LH. Date: 06-28-21, Project # 22074.