*Appendix*

# H

# TEMESCAL CREEK - HYDRAULIC ANALYSIS

- HEC-RAS Summary Table

- HEC-RAS Model Results & Workmaps for Pre-project, Post-project Phase 1, Post-project Ultimate Condition Scenarios

- FEMA FIRM Panel

**TEMESCAL CREEK HEC-RAS SUMMARY TABLE**

| | | EXISTING CONDITION | | | PHASE 1 CONDITION | | | ULTIMATE CONDITION | | |
|---|---|---|---|---|---|---|---|---|---|---|
| RIVER STATION | QTOTAL (CFS) | W.S.E.(1) (FT) | W.S.E.(2) (FT) | VELOCITY | W.S.E.(1) (FT) | W.S.E.(2) (FT) | VELOCITY | W.S.E.(1) (FT) | W.S.E.(2) (FT) | VELOCITY |
| 111334 | 8,300 | 1231.35 | 1228.99 | 9.40 | 1231.35 | 1228.99 | 9.40 | 1231.35 | 1228.99 | 9.40 |
| 111034 | 8,300 | 1230.29 | 1227.93 | 6.60 | 1230.29 | 1227.93 | 6.60 | 1230.29 | 1227.93 | 6.60 |
| 110800 | 8,300 | 1229.34 | 1226.98 | 6.23 | 1229.34 | 1226.98 | 6.23 | 1229.34 | 1226.98 | 6.23 |
| 110600 | 10,400 | 1226.27 | 1223.91 | 11.86 | 1226.27 | 1223.91 | 11.86 | 1226.27 | 1223.91 | 11.86 |
| 110355 | 10,400 | 1224.16 | 1221.80 | 11.69 | 1224.16 | 1221.80 | 11.69 | 1224.16 | 1221.80 | 11.69 |
| LAKE STREET BRIDGE | | | | | | | | | | |
| 110305 | 10,400 | 1223.19 | 1220.83 | 13.65 | 1223.19 | 1220.83 | 13.65 | 1223.19 | 1220.83 | 13.65 |
| 110100 | 10,400 | 1220.06 | 1217.70 | 7.16 | 1221.46 | 1219.10 | 4.04 | 1222.32 | 1219.96 | 4.65 |
| 109800 | 10,400 | 1219.67 | 1217.31 | 2.88 | 1221.13 | 1218.77 | 2.58 | 1221.30 | 1218.94 | 5.54 |
| 109400 | 10,400 | 1218.30 | 1215.94 | 3.96 | 1219.88 | 1217.52 | 6.52 | 1220.14 | 1217.78 | 5.13 |
| 109100 | 10,400 | 1217.25 | 1214.89 | 4.30 | 1218.30 | 1215.94 | 6.57 | 1218.45 | 1216.09 | 7.44 |
| 108800 | 10,400 | 1214.77 | 1212.41 | 6.56 | 1216.98 | 1214.62 | 6.19 | 1216.76 | 1214.40 | 7.26 |
| 108500 | 10,400 | 1214.14 | 1211.78 | 3.04 | 1215.34 | 1212.98 | 7.23 | 1215.44 | 1213.08 | 6.50 |
| TEMESCAL CANYON BRIDGE ROAD | | | | | | | | | | |
| 108350 | 10,400 | 1213.76 | 1211.40 | 3.93 | 1214.29 | 1211.93 | 7.39 | 1214.33 | 1211.97 | 7.34* |
| 108000 | 10,400 | 1213.28 | 1210.92 | 3.68 | 1213.16 | 1210.80 | 3.78 | 1211.95 | 1209.59 | 6.44 |
| 107770 | 10,400 | 1212.51 | 1210.15 | 7.72 | 1212.56 | 1210.20 | 6.92 | 1211.59 | 1209.23 | 4.60 |
| 107600 | 10,400 | 1211.33 | 1208.97 | 4.46 | 1211.33 | 1208.97 | 4.46 | 1211.28 | 1208.92 | 4.58 |
| 107400 | 10,400 | 1209.76 | 1207.40 | 7.23 | 1209.76 | 1207.40 | 7.23 | 1209.76 | 1207.40 | 7.23 |
| 107200 | 10,400 | 1207.10 | 1204.74 | 6.97 | 1207.10 | 1204.74 | 6.97 | 1207.10 | 1204.74 | 6.97 |

NOTE:

1) ELEVATIONS SHOWN ABOVE ARE BASED ON NGVD 1988. (DESIGN ELEVATIONS = -2.36')
2) ELEVATIONS SHOWN ABOVE ARE BASED ON NGVD 1927. (HEC-RAS ELEVATIONS = +2.36')

# EXISTING CONDITION

HEC-RAS Plan: Pre-Project River: Temescal Wash Reach: Temescal Wash

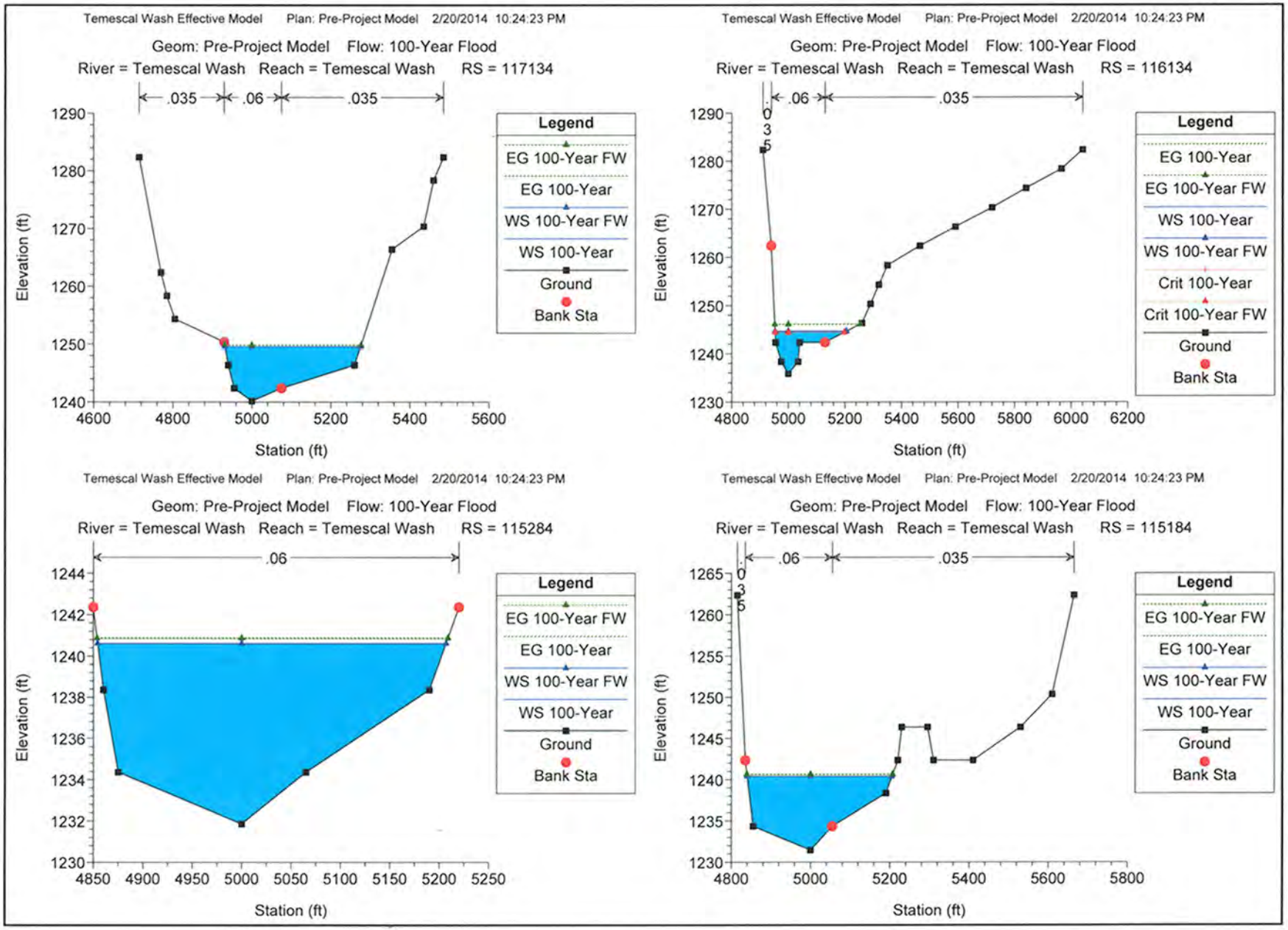
| Reach | River Sta | Profile | Q Total | Min Ch El | W.S. Elev | Crit W.S. | E.G. Elev | E.G. Slope | Vel Chnl | Flow Area | Top Width | Froude # Chl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | (cfs) | (ft) | (ft) | (ft) | (ft) | (ft/ft) | (ft/s) | (sq ft) | (ft) | |
| Temescal Wash | 117134 | 100-Year | 8300.00 | 1240.16 | 1249.55 | | 1249.81 | 0.001374 | 3.53 | 2069.46 | 343.12 | 0.23 |
| Temescal Wash | 117134 | 100-Year FW | 8300.00 | 1240.16 | 1249.55 | | 1249.81 | 0.001372 | 3.52 | 2070.55 | 343.15 | 0.23 |
| | | | | | | | | | | | | |
| Temescal Wash | 116134 | 100-Year | 8300.00 | 1235.86 | 1244.70 | 1244.45 | 1246.16 | 0.022650 | 9.88 | 865.31 | 252.78 | 0.83 |
| Temescal Wash | 116134 | 100-Year FW | 8300.00 | 1235.86 | 1244.68 | 1244.45 | 1246.16 | 0.023008 | 9.93 | 860.75 | 252.17 | 0.84 |
| | | | | | | | | | | | | |
| Temescal Wash | 115284 | 100-Year | 8300.00 | 1231.86 | 1240.59 | | 1240.85 | 0.002614 | 4.07 | 2038.60 | 352.31 | 0.30 |
| Temescal Wash | 115284 | 100-Year FW | 8300.00 | 1231.86 | 1240.62 | | 1240.87 | 0.002576 | 4.05 | 2048.11 | 352.58 | 0.30 |
| | | | | | | | | | | | | |
| Temescal Wash | 115184 | 100-Year | 8300.00 | 1231.46 | 1240.39 | | 1240.63 | 0.001752 | 3.84 | 2100.34 | 365.28 | 0.25 |
| Temescal Wash | 115184 | 100-Year FW | 8300.00 | 1231.46 | 1240.42 | | 1240.66 | 0.001723 | 3.82 | 2111.45 | 365.59 | 0.25 |
| | | | | | | | | | | | | |
| Temescal Wash | 113184 | 100-Year | 8300.00 | 1226.00 | 1239.03 | | 1239.12 | 0.000395 | 2.51 | 3476.11 | 463.00 | 0.13 |
| Temescal Wash | 113184 | 100-Year FW | 8300.00 | 1226.00 | 1239.09 | | 1239.18 | 0.000387 | 2.49 | 3502.62 | 463.11 | 0.13 |
| | | | | | | | | | | | | |
| Temescal Wash | 112900 | 100-Year | 8300.00 | 1224.97 | 1238.89 | 1229.73 | 1239.01 | 0.000388 | 2.63 | 3113.21 | 430.62 | 0.13 |
| Temescal Wash | 112900 | 100-Year FW | 8300.00 | 1224.97 | 1238.95 | 1229.73 | 1239.07 | 0.000381 | 2.62 | 3129.31 | 430.70 | 0.13 |
| | | | | | | | | | | | | |
| Temescal Wash | 112600 | 100-Year | 8300.00 | 1224.00 | 1238.87 | 1232.18 | 1238.94 | 0.000112 | 1.87 | 3890.97 | 333.82 | 0.10 |
| Temescal Wash | 112600 | 100-Year FW | 8300.00 | 1224.00 | 1238.93 | 1232.18 | 1239.00 | 0.000110 | 1.86 | 3910.86 | 334.01 | 0.10 |
| | | | | | | | | | | | | |
| Temescal Wash | 112300 | 100-Year | 8300.00 | 1224.00 | 1237.78 | 1232.66 | 1238.75 | 0.004733 | 7.89 | 1051.61 | 333.29 | 0.43 |
| Temescal Wash | 112300 | 100-Year FW | 8300.00 | 1224.00 | 1237.86 | 1232.66 | 1238.81 | 0.004630 | 7.84 | 1059.07 | 333.38 | 0.42 |
| | | | | | | | | | | | | |
| Temescal Wash | 112034 | 100-Year | 8300.00 | 1224.00 | 1235.77 | 1231.96 | 1237.13 | 0.007701 | 9.34 | 888.73 | 312.90 | 0.53 |
| Temescal Wash | 112034 | 100-Year FW | 8300.00 | 1224.00 | 1235.93 | 1231.96 | 1237.24 | 0.007340 | 9.19 | 903.58 | 313.92 | 0.52 |
| | | | | | | | | | | | | |
| Temescal Wash | 111634 | 100-Year | 8300.00 | 1222.00 | 1233.91 | 1229.77 | 1234.98 | 0.006186 | 8.29 | 1001.63 | 286.37 | 0.48 |
| Temescal Wash | 111634 | 100-Year FW | 8300.00 | 1222.00 | 1234.25 | 1229.77 | 1235.24 | 0.005580 | 7.99 | 1038.38 | 291.05 | 0.46 |
| | | | | | | | | | | | | |
| Temescal Wash | 111334 | 100-Year | 8300.00 | 1220.00 | 1231.35 | 1228.37 | 1232.73 | 0.009009 | 9.40 | 883.44 | 276.72 | 0.57 |
| Temescal Wash | 111334 | 100-Year FW | 8300.00 | 1220.00 | 1232.32 | 1228.37 | 1233.42 | 0.006555 | 8.41 | 987.17 | 309.16 | 0.49 |
| | | | | | | | | | | | | |
| Temescal Wash | 111034 | 100-Year | 8300.00 | 1220.00 | 1230.29 | | 1230.85 | 0.003643 | 6.60 | 1498.88 | 409.60 | 0.38 |
| Temescal Wash | 111034 | 100-Year FW | 8300.00 | 1220.00 | 1230.96 | | 1231.79 | 0.004155 | 7.37 | 1139.18 | 130.00 | 0.41 |
| | | | | | | | | | | | | |
| Temescal Wash | 110800 | 100-Year | 8300.00 | 1220.00 | 1229.34 | 1226.66 | 1229.89 | 0.004599 | 6.23 | 1431.97 | 328.25 | 0.41 |
| Temescal Wash | 110800 | 100-Year FW | 8300.00 | 1220.00 | 1229.75 | 1226.45 | 1230.63 | 0.005925 | 7.55 | 1103.41 | 135.00 | 0.46 |
| | | | | | | | | | | | | |
| Temescal Wash | 110600 | 100-Year | 10400.00 | 1218.00 | 1226.27 | 1226.27 | 1228.28 | 0.011683 | 11.86 | 972.53 | 333.93 | 0.78 |
| Temescal Wash | 110600 | 100-Year FW | 10400.00 | 1218.00 | 1225.81 | 1225.81 | 1228.50 | 0.016275 | 13.40 | 804.34 | 145.00 | 0.91 |
| | | | | | | | | | | | | |

HEC-RAS Plan: Pre-Project River: Temescal Wash Reach: Temescal Wash (Continued)

| Reach | River Sta | Profile | Q Total | Min Ch El | W.S. Elev | Crit W.S. | E.G. Elev | E.G. Slope | Vel Chnl | Flow Area | Top Width | Froude # Chl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | (cfs) | (ft) | (ft) | (ft) | (ft) | (ft/ft) | (ft/s) | (sq ft) | (ft) | |
| Temescal Wash | 110355 | 100-Year | 10400.00 | 1216.00 | 1224.16 | 1223.19 | 1226.27 | 0.001922 | 11.69 | 911.33 | 144.70 | 0.79 |
| Temescal Wash | 110355 | 100-Year FW | 10400.00 | 1216.00 | 1224.16 | 1223.19 | 1226.27 | 0.001922 | 11.69 | 911.33 | 144.70 | 0.79 |
| | | | | | | | | | | | | |
| Temescal Wash | 110330 | | Bridge | | | | | | | | | |
| | | | | | | | | | | | | |
| Temescal Wash | 110305 | 100-Year | 10400.00 | 1216.00 | 1223.19 | 1223.19 | 1226.08 | 0.003217 | 13.65 | 772.75 | 140.01 | 0.99 |
| Temescal Wash | 110305 | 100-Year FW | 10400.00 | 1216.00 | 1223.19 | 1223.19 | 1226.08 | 0.003217 | 13.65 | 772.75 | 140.01 | 0.99 |
| | | | | | | | | | | | | |
| Temescal Wash | 110100 | 100-Year | 10400.00 | 1213.85 | 1220.06 | | 1220.79 | 0.010492 | 7.16 | 1566.78 | 701.10 | 0.58 |
| Temescal Wash | 110100 | 100-Year FW | 10400.00 | 1213.85 | 1220.66 | | 1221.68 | 0.010967 | 7.97 | 1286.09 | 300.00 | 0.60 |
| | | | | | | | | | | | | |
| Temescal Wash | 109800 | 100-Year | 10400.00 | 1210.00 | 1219.67 | | 1219.85 | 0.001141 | 2.88 | 3175.24 | 609.90 | 0.20 |
| Temescal Wash | 109800 | 100-Year FW | 10400.00 | 1210.00 | 1220.20 | | 1220.50 | 0.001508 | 3.60 | 2521.10 | 360.00 | 0.23 |
| | | | | | | | | | | | | |
| Temescal Wash | 109535 | 100-Year | 10400.00 | 1212.00 | 1218.98 | 1216.91 | 1219.30 | 0.004762 | 4.52 | 2320.77 | 576.53 | 0.38 |
| Temescal Wash | 109535 | 100-Year FW | 10400.00 | 1212.00 | 1219.34 | 1217.32 | 1219.78 | 0.005912 | 5.31 | 1971.06 | 445.00 | 0.43 |
| | | | | | | | | | | | | |
| Temescal Wash | 109520 | | Bridge | | | | | | | | | |
| | | | | | | | | | | | | |
| Temescal Wash | 109505 | 100-Year | 10400.00 | 1212.00 | 1218.64 | | 1219.02 | 0.006337 | 4.93 | 2124.57 | 574.81 | 0.44 |
| Temescal Wash | 109505 | 100-Year FW | 10400.00 | 1212.00 | 1218.76 | | 1219.34 | 0.009365 | 6.13 | 1710.15 | 445.00 | 0.53 |
| | | | | | | | | | | | | |
| Temescal Wash | 109400 | 100-Year | 10400.00 | 1212.00 | 1218.30 | | 1218.54 | 0.002873 | 3.96 | 2651.21 | 567.84 | 0.31 |
| Temescal Wash | 109400 | 100-Year FW | 10400.00 | 1212.00 | 1218.36 | | 1218.69 | 0.003553 | 4.60 | 2285.00 | 455.00 | 0.34 |
| | | | | | | | | | | | | |
| Temescal Wash | 109100 | 100-Year | 10400.00 | 1210.00 | 1217.25 | | 1217.54 | 0.003917 | 4.30 | 2435.59 | 562.80 | 0.35 |
| Temescal Wash | 109100 | 100-Year FW | 10400.00 | 1210.00 | 1217.25 | | 1217.55 | 0.004002 | 4.36 | 2387.47 | 513.73 | 0.36 |
| | | | | | | | | | | | | |
| Temescal Wash | 108800 | 100-Year | 10400.00 | 1208.00 | 1214.77 | | 1215.43 | 0.015147 | 6.56 | 1595.29 | 540.19 | 0.65 |
| Temescal Wash | 108800 | 100-Year FW | 10400.00 | 1208.00 | 1215.41 | | 1215.89 | 0.007880 | 5.55 | 1882.27 | 486.87 | 0.49 |
| | | | | | | | | | | | | |
| Temescal Wash | 108500 | 100-Year | 10400.00 | 1204.00 | 1214.14 | | 1214.29 | 0.001395 | 3.04 | 3356.05 | 875.05 | 0.22 |
| Temescal Wash | 108500 | 100-Year FW | 10400.00 | 1204.00 | 1214.94 | | 1215.11 | 0.001070 | 2.92 | 3220.81 | 520.00 | 0.20 |
| | | | | | | | | | | | | |
| Temescal Wash | 108300 | 100-Year | 10400.00 | 1204.00 | 1213.76 | | 1214.01 | 0.001374 | 3.93 | 2585.21 | 574.66 | 0.31 |
| Temescal Wash | 108300 | 100-Year FW | 10400.00 | 1204.00 | 1214.65 | | 1214.90 | 0.000986 | 3.73 | 2629.68 | 454.00 | 0.27 |
| | | | | | | | | | | | | |
| Temescal Wash | 108000 | 100-Year | 10400.00 | 1204.75 | 1213.28 | | 1213.50 | 0.002081 | 3.68 | 2763.77 | 743.23 | 0.27 |
| Temescal Wash | 108000 | 100-Year FW | 10400.00 | 1204.75 | 1214.20 | | 1214.49 | 0.001934 | 3.91 | 2448.66 | 440.00 | 0.26 |
| | | | | | | | | | | | | |
| Temescal Wash | 107770 | 100-Year | 10400.00 | 1204.00 | 1212.51 | 1211.57 | 1212.89 | 0.003206 | 7.72 | 2251.38 | 914.14 | 0.50 |
| Temescal Wash | 107770 | 100-Year FW | 10400.00 | 1204.00 | 1213.07 | 1212.35 | 1213.83 | 0.003945 | 9.00 | 1589.31 | 440.00 | 0.56 |

HEC-RAS Plan: Pre-Project River: Temescal Wash Reach: Temescal Wash (Continued)

| Reach | River Sta | Profile | Q Total | Min Ch El | W.S. Elev | Crit W.S. | E.G. Elev | E.G. Slope | Vel Chnl | Flow Area | Top Width | Froude # Chl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | (cfs) | (ft) | (ft) | (ft) | (ft) | (ft/ft) | (ft/s) | (sq ft) | (ft) | |
| | | | | | | | | | | | | |
| Temescal Wash | 107760 | | Bridge | | | | | | | | | |
| | | | | | | | | | | | | |
| Temescal Wash | 107750 | 100-Year | 10400.00 | 1204.00 | 1212.36 | | 1212.80 | 0.003902 | 8.40 | 2110.61 | 903.23 | 0.55 |
| Temescal Wash | 107750 | 100-Year FW | 10400.00 | 1204.00 | 1212.70 | | 1213.67 | 0.005451 | 10.24 | 1428.01 | 440.00 | 0.66 |
| | | | | | | | | | | | | |
| Temescal Wash | 107600 | 100-Year | 10400.00 | 1204.00 | 1211.33 | | 1211.99 | 0.007395 | 4.46 | 1707.19 | 582.61 | 0.42 |
| Temescal Wash | 107600 | 100-Year FW | 10400.00 | 1204.00 | 1211.34 | | 1212.51 | 0.011205 | 5.49 | 1336.37 | 392.00 | 0.52 |
| | | | | | | | | | | | | |
| Temescal Wash | 107400 | 100-Year | 10400.00 | 1204.00 | 1209.76 | | 1210.53 | 0.007131 | 7.23 | 1503.00 | 389.48 | 0.57 |
| Temescal Wash | 107400 | 100-Year FW | 10400.00 | 1204.00 | 1210.14 | | 1210.83 | 0.005579 | 6.71 | 1559.93 | 323.00 | 0.51 |
| | | | | | | | | | | | | |
| Temescal Wash | 107200 | 100-Year | 10400.00 | 1204.00 | 1207.10 | 1207.10 | 1208.20 | 0.013292 | 6.97 | 1312.01 | 593.92 | 0.72 |
| Temescal Wash | 107200 | 100-Year FW | 10400.00 | 1204.00 | 1207.51 | 1207.49 | 1208.91 | 0.012205 | 7.29 | 1158.82 | 380.00 | 0.71 |
| | | | | | | | | | | | | |
| Temescal Wash | 106936 | 100-Year | 10400.00 | 1199.99 | 1205.58 | | 1205.83 | 0.002637 | 4.03 | 2619.47 | 650.06 | 0.34 |
| Temescal Wash | 106936 | 100-Year FW | 10400.00 | 1199.99 | 1206.03 | | 1206.45 | 0.003682 | 5.18 | 2009.62 | 405.00 | 0.41 |
| | | | | | | | | | | | | |
| Temescal Wash | 106600 | 100-Year | 10400.00 | 1195.97 | 1204.39 | | 1204.74 | 0.004024 | 4.79 | 2192.83 | 625.50 | 0.42 |
| Temescal Wash | 106600 | 100-Year FW | 10400.00 | 1195.97 | 1204.55 | | 1205.09 | 0.004428 | 5.78 | 1782.99 | 360.00 | 0.46 |
| | | | | | | | | | | | | |
| Temescal Wash | 106400 | 100-Year | 10400.00 | 1195.80 | 1203.55 | | 1204.03 | 0.003097 | 6.07 | 1915.47 | 468.29 | 0.40 |
| Temescal Wash | 106400 | 100-Year FW | 10400.00 | 1195.80 | 1203.73 | | 1204.33 | 0.003222 | 6.30 | 1683.53 | 305.00 | 0.41 |
| | | | | | | | | | | | | |
| Temescal Wash | 106200 | 100-Year | 10400.00 | 1195.66 | 1202.42 | | 1203.16 | 0.006073 | 7.18 | 1543.11 | 394.18 | 0.54 |
| Temescal Wash | 106200 | 100-Year FW | 10400.00 | 1195.66 | 1202.50 | | 1203.39 | 0.006920 | 7.66 | 1379.85 | 280.00 | 0.57 |
| | | | | | | | | | | | | |
| Temescal Wash | 105986 | 100-Year | 10400.00 | 1192.36 | 1200.18 | 1199.29 | 1201.22 | 0.015115 | 8.26 | 1278.18 | 326.88 | 0.69 |
| Temescal Wash | 105986 | 100-Year FW | 10400.00 | 1192.36 | 1199.87 | 1199.29 | 1201.10 | 0.019385 | 8.94 | 1178.33 | 317.19 | 0.77 |


Temescal Wash Effective Model Plan: Pre-Project Model 2/20/2014 10:24:23 PM
Geom: Pre-Project Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 117134
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Ground
Bank Sta
Temescal Wash Effective Model Plan: Pre-Project Model 2/20/2014 10:24:23 PM
Geom: Pre-Project Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 116134
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Elevation (ft)
Station (ft)
Legend
EG 100-Year
EG 100-Year FW
WS 100-Year
WS 100-Year FW
Crit 100-Year
Crit 100-Year FW
Ground
Bank Sta
Temescal Wash Effective Model Plan: Pre-Project Model 2/20/2014 10:24:23 PM
Geom: Pre-Project Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 115284
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Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Ground
Bank Sta
Temescal Wash Effective Model Plan: Pre-Project Model 2/20/2014 10:24:23 PM
Geom: Pre-Project Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 115184
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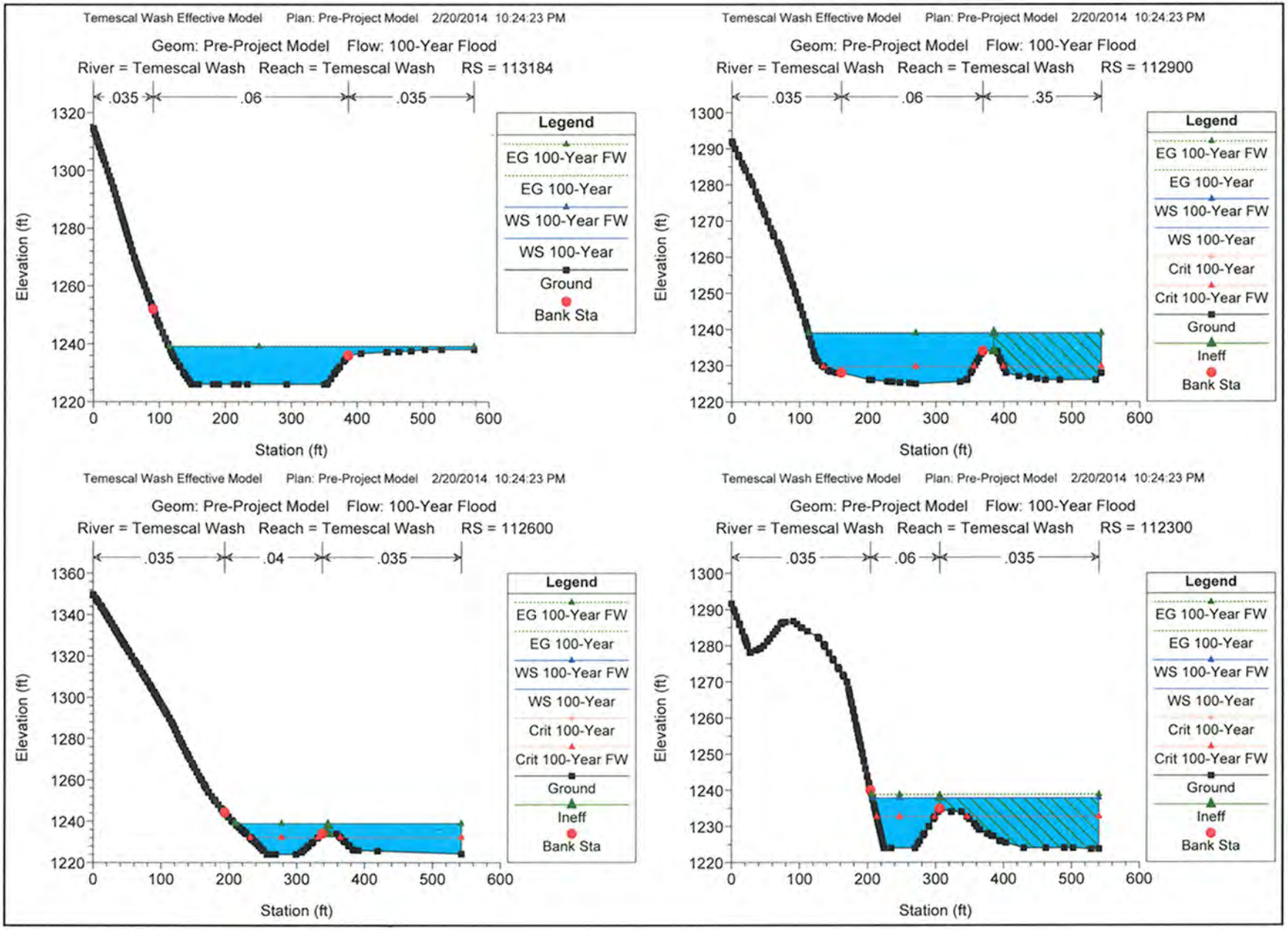
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Ground
Bank Sta


Temescal Wash Effective Model Plan: Pre-Project Model 2/20/2014 10:24:23 PM
Geom: Pre-Project Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 113184
.035 .06 .035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Ground
Bank Sta
Temescal Wash Effective Model Plan: Pre-Project Model 2/20/2014 10:24:23 PM
Geom: Pre-Project Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 112900
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Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Crit 100-Year
Crit 100-Year FW
Ground
Ineff
Bank Sta
Temescal Wash Effective Model Plan: Pre-Project Model 2/20/2014 10:24:23 PM
Geom: Pre-Project Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 112600
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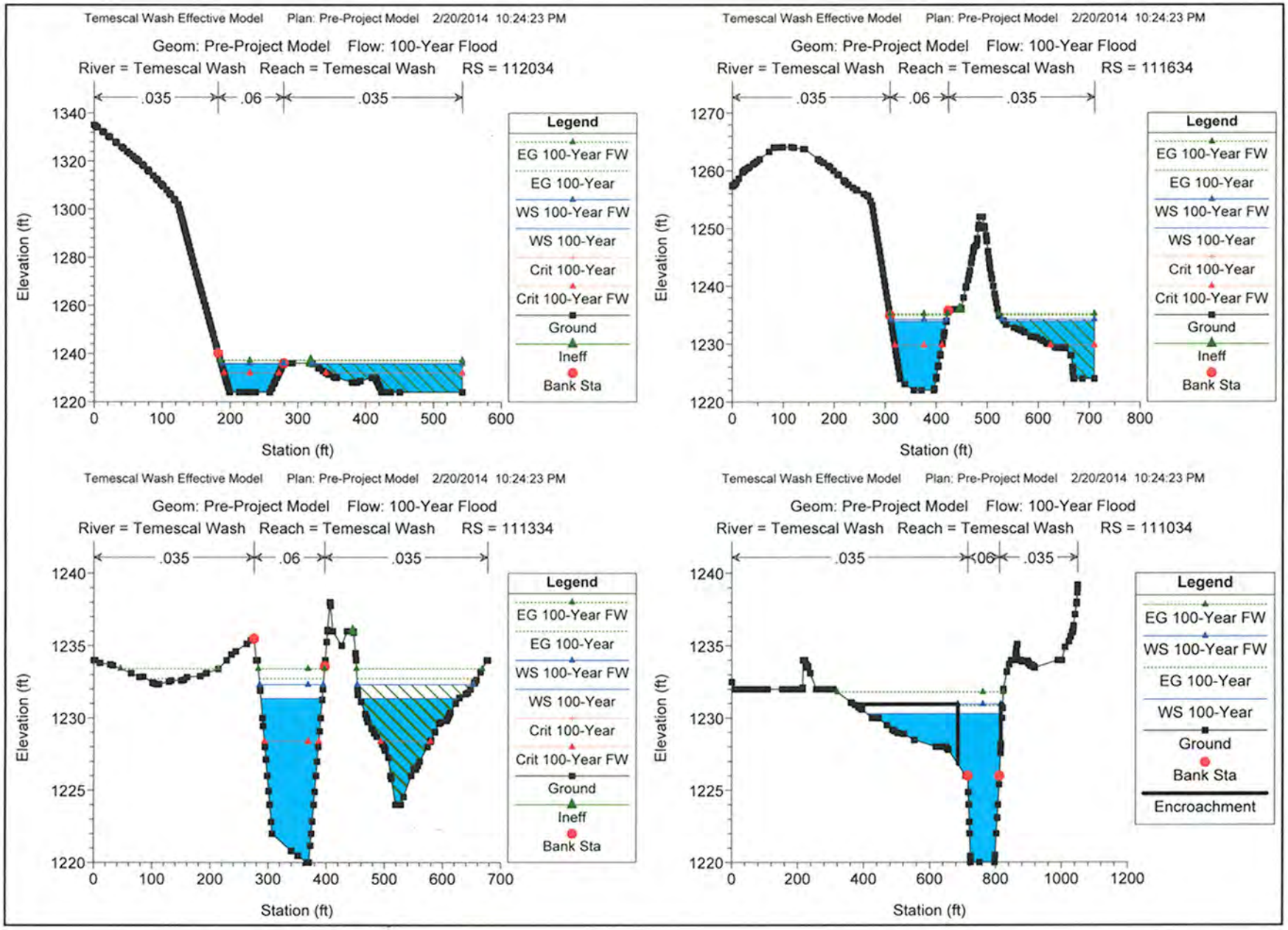
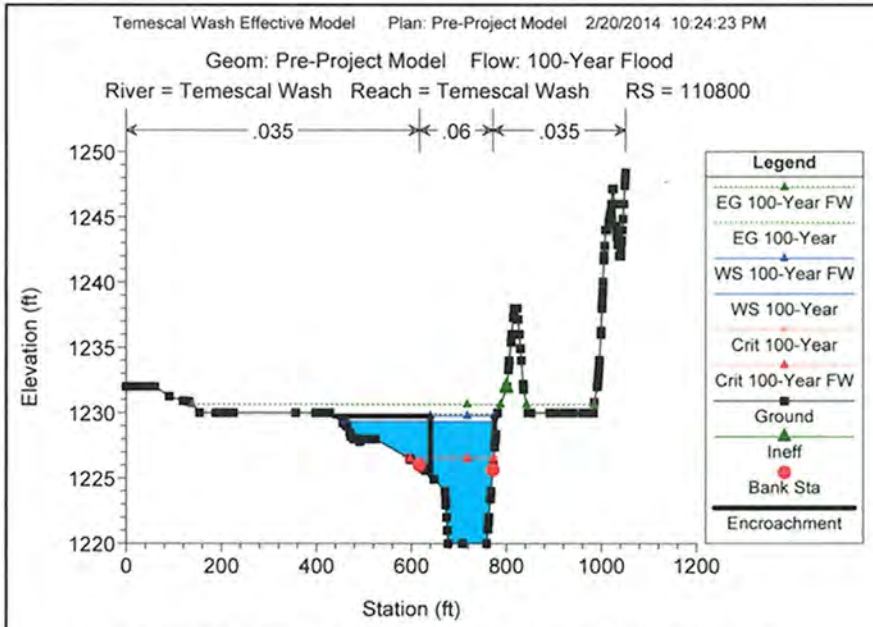
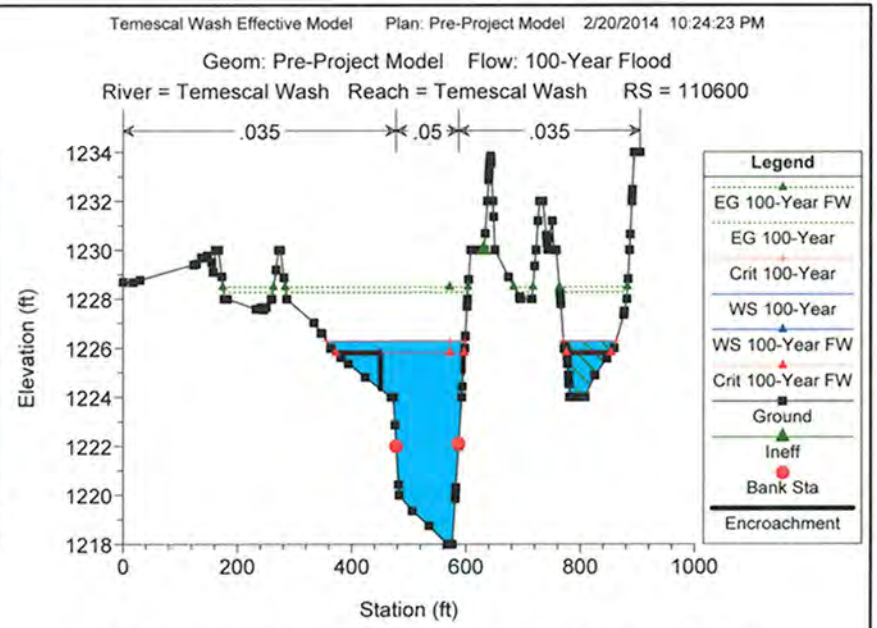
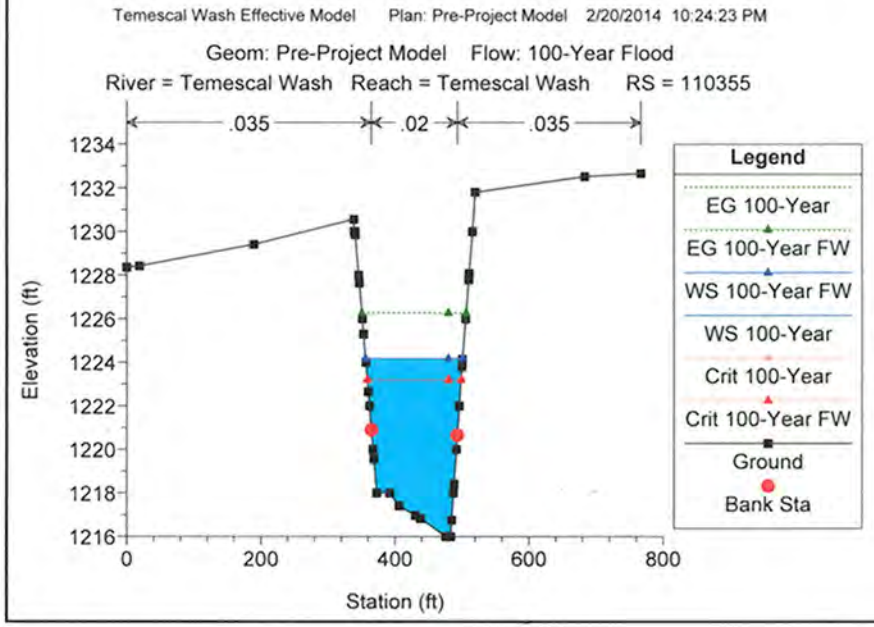
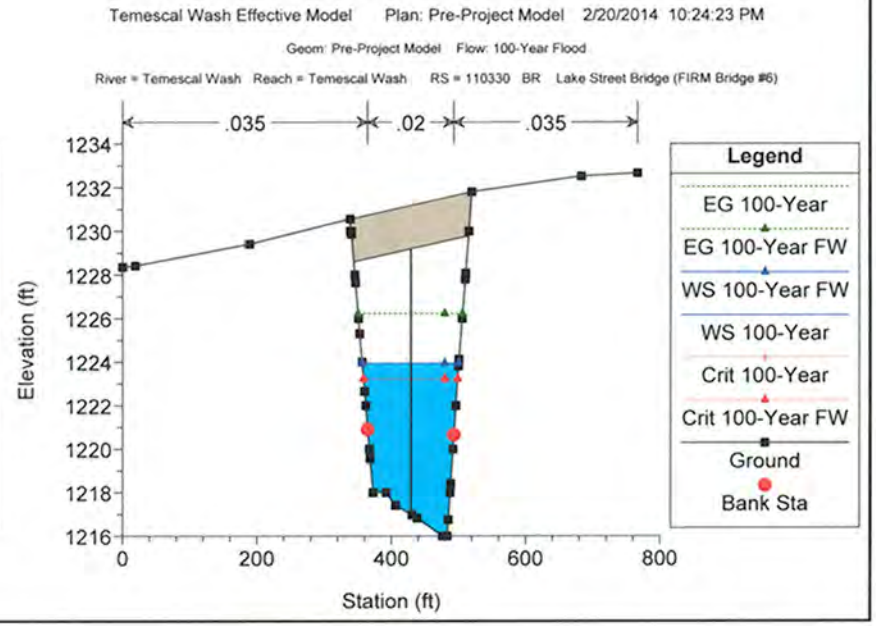
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Crit 100-Year
Crit 100-Year FW
Ground
Ineff
Bank Sta
Temescal Wash Effective Model Plan: Pre-Project Model 2/20/2014 10:24:23 PM
Geom: Pre-Project Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 112300
.035 .06 .035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Crit 100-Year
Crit 100-Year FW
Ground
Ineff
Bank Sta

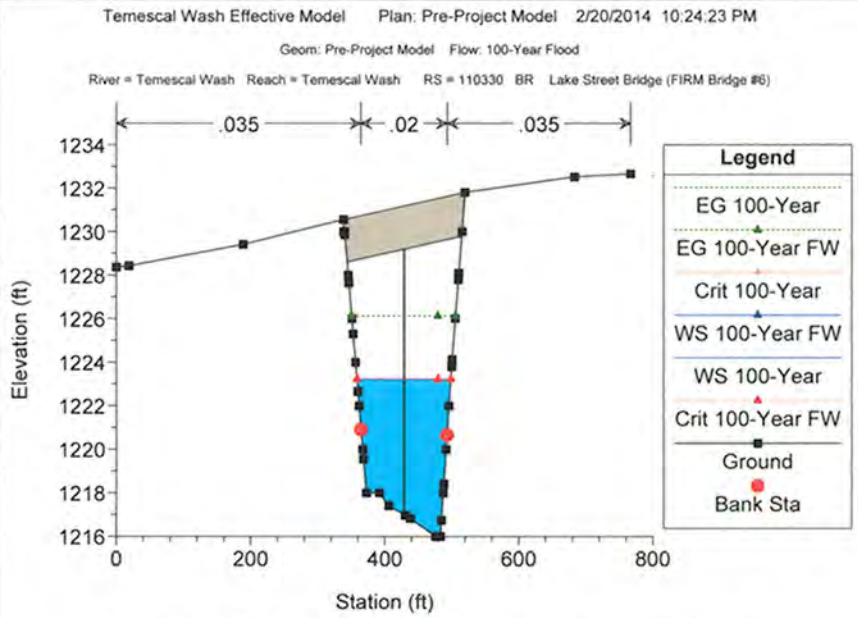

Temescal Wash Effective Model Plan: Pre-Project Model 2/20/2014 10:24:23 PM
Geom: Pre-Project Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 112034
.035 .06 .035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Crit 100-Year
Crit 100-Year FW
Ground
Ineff
Bank Sta
Temescal Wash Effective Model Plan: Pre-Project Model 2/20/2014 10:24:23 PM
Geom: Pre-Project Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 111634
.035 .06 .035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Crit 100-Year
Crit 100-Year FW
Ground
Ineff
Bank Sta
Temescal Wash Effective Model Plan: Pre-Project Model 2/20/2014 10:24:23 PM
Geom: Pre-Project Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 111334
.035 .06 .035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Crit 100-Year
Crit 100-Year FW
Ground
Ineff
Bank Sta
Temescal Wash Effective Model Plan: Pre-Project Model 2/20/2014 10:24:23 PM
Geom: Pre-Project Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 111034
.035 .06 .035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
WS 100-Year FW
EG 100-Year
WS 100-Year
Ground
Bank Sta
Encroachment

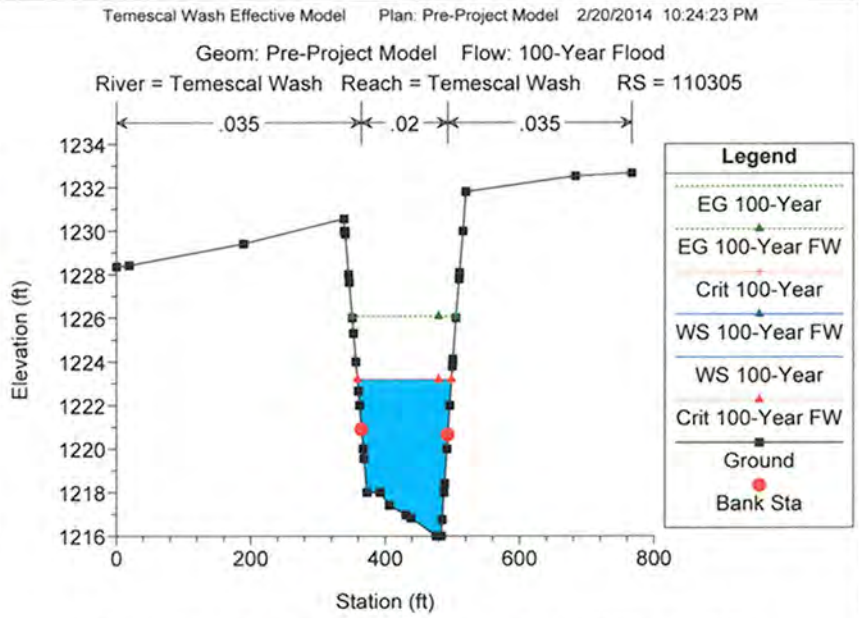

Temescal Wash Effective Model Plan: Pre-Project Model 2/20/2014 10:24:23 PM
Geom: Pre-Project Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 110800
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Crit 100-Year
Crit 100-Year FW
Ground
Ineff
Bank Sta
Encroachment

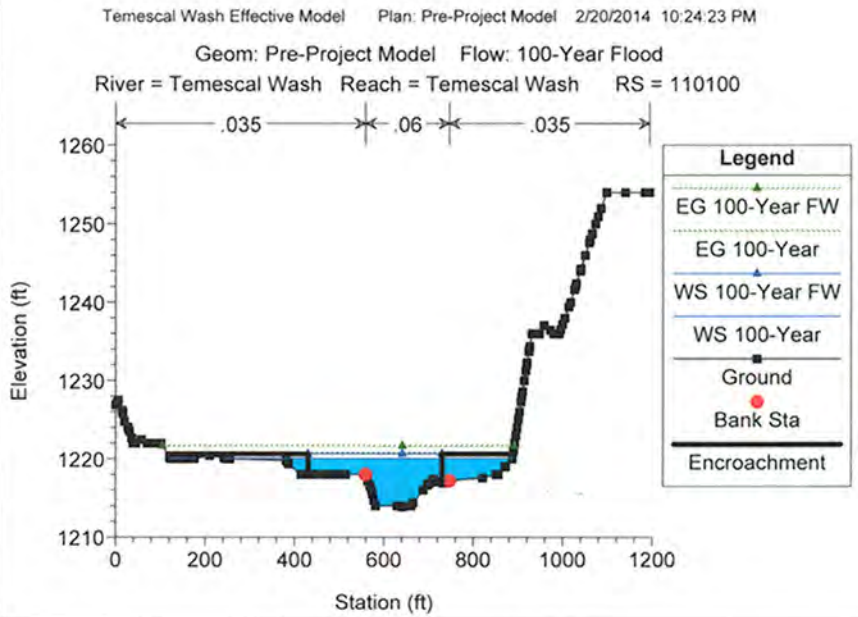

Temescal Wash Effective Model Plan: Pre-Project Model 2/20/2014 10:24:23 PM
Geom: Pre-Project Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 110600
.035
.05
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
Crit 100-Year
WS 100-Year
WS 100-Year FW
Crit 100-Year FW
Ground
Ineff
Bank Sta
Encroachment

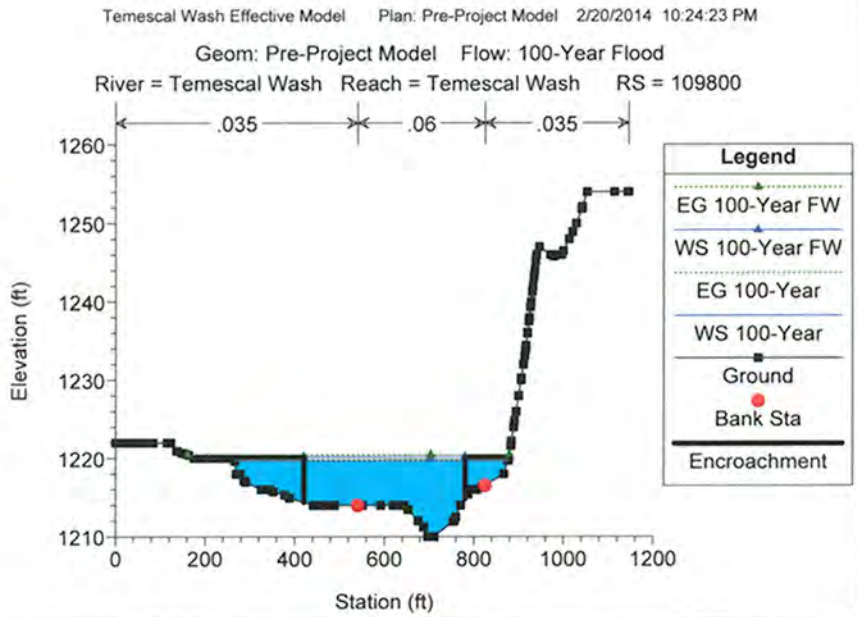

Temescal Wash Effective Model Plan: Pre-Project Model 2/20/2014 10:24:23 PM
Geom: Pre-Project Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 110355
.035
.02
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year
EG 100-Year FW
WS 100-Year FW
WS 100-Year
Crit 100-Year
Crit 100-Year FW
Ground
Bank Sta

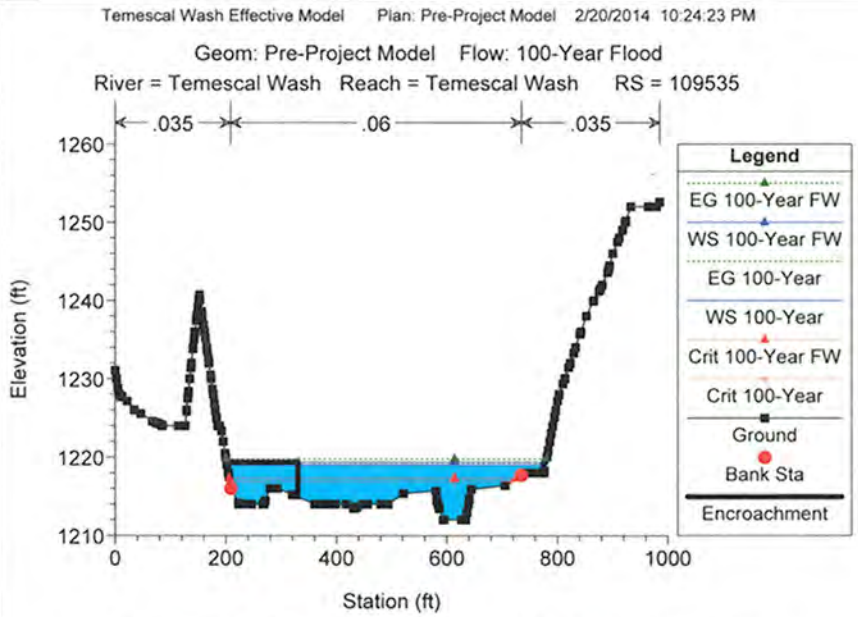

Temescal Wash Effective Model Plan: Pre-Project Model 2/20/2014 10:24:23 PM
Geom: Pre-Project Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 110330 BR Lake Street Bridge (FIRM Bridge #6)
.035
.02
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year
EG 100-Year FW
WS 100-Year FW
WS 100-Year
Crit 100-Year
Crit 100-Year FW
Ground
Bank Sta

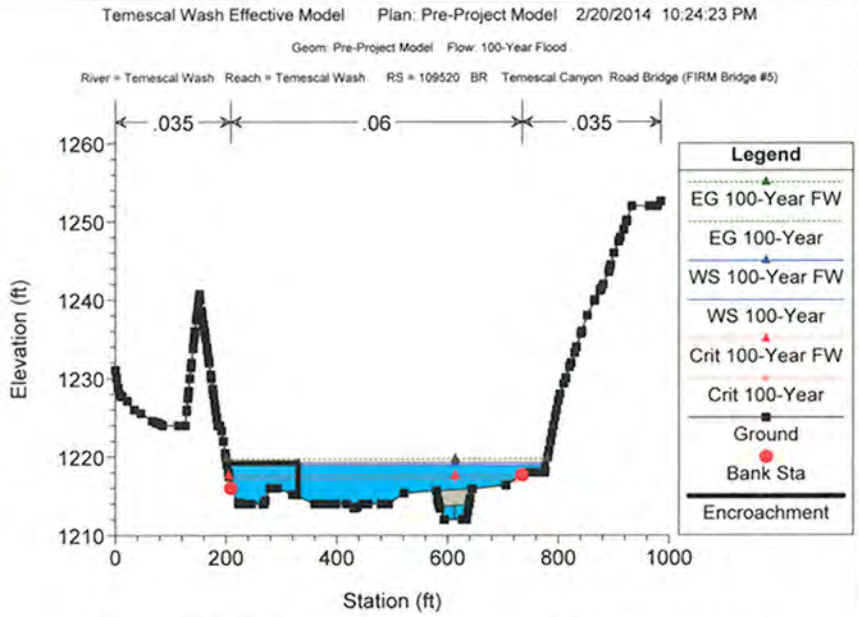

Temescal Wash Effective Model Plan: Pre-Project Model 2/20/2014 10:24:23 PM
Geom: Pre-Project Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 110330 BR Lake Street Bridge (FIRM Bridge #6)
.035
.02
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year
EG 100-Year FW
Crit 100-Year
WS 100-Year FW
WS 100-Year
Crit 100-Year FW
Ground
Bank Sta

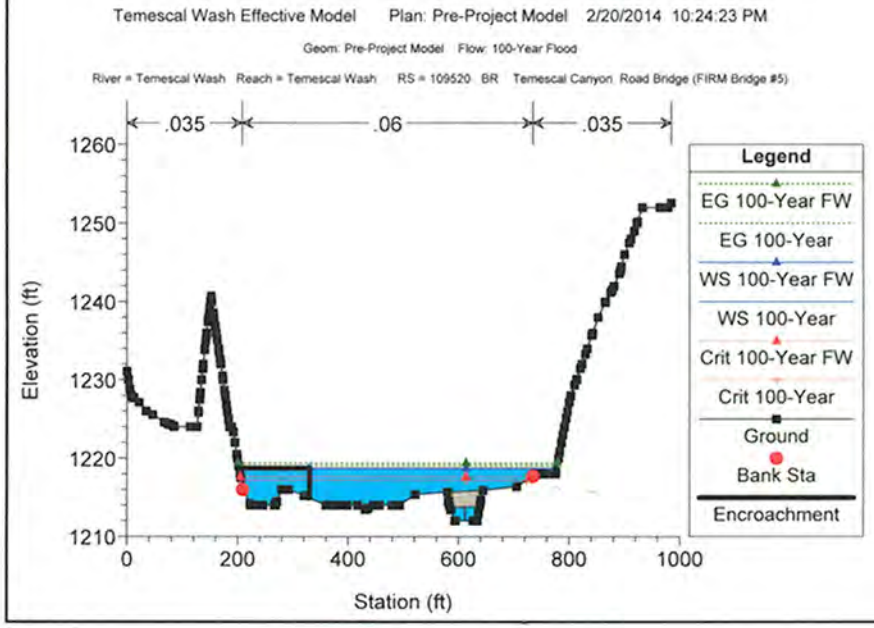

Temescal Wash Effective Model Plan: Pre-Project Model 2/20/2014 10:24:23 PM
Geom: Pre-Project Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 110305
.035
.02
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year
EG 100-Year FW
Crit 100-Year
WS 100-Year FW
WS 100-Year
Crit 100-Year FW
Ground
Bank Sta

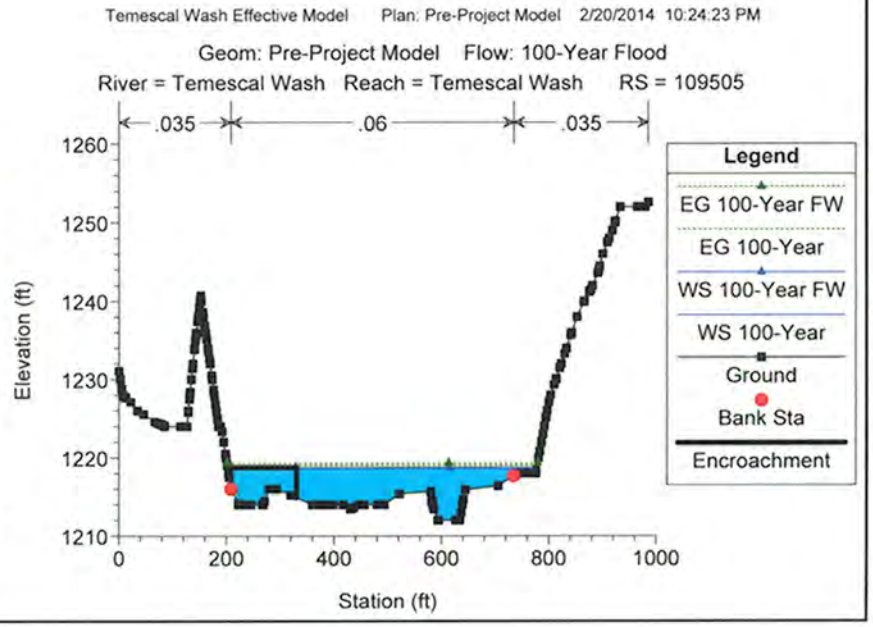

Temescal Wash Effective Model Plan: Pre-Project Model 2/20/2014 10:24:23 PM
Geom: Pre-Project Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 110100
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Ground
Bank Sta
Encroachment

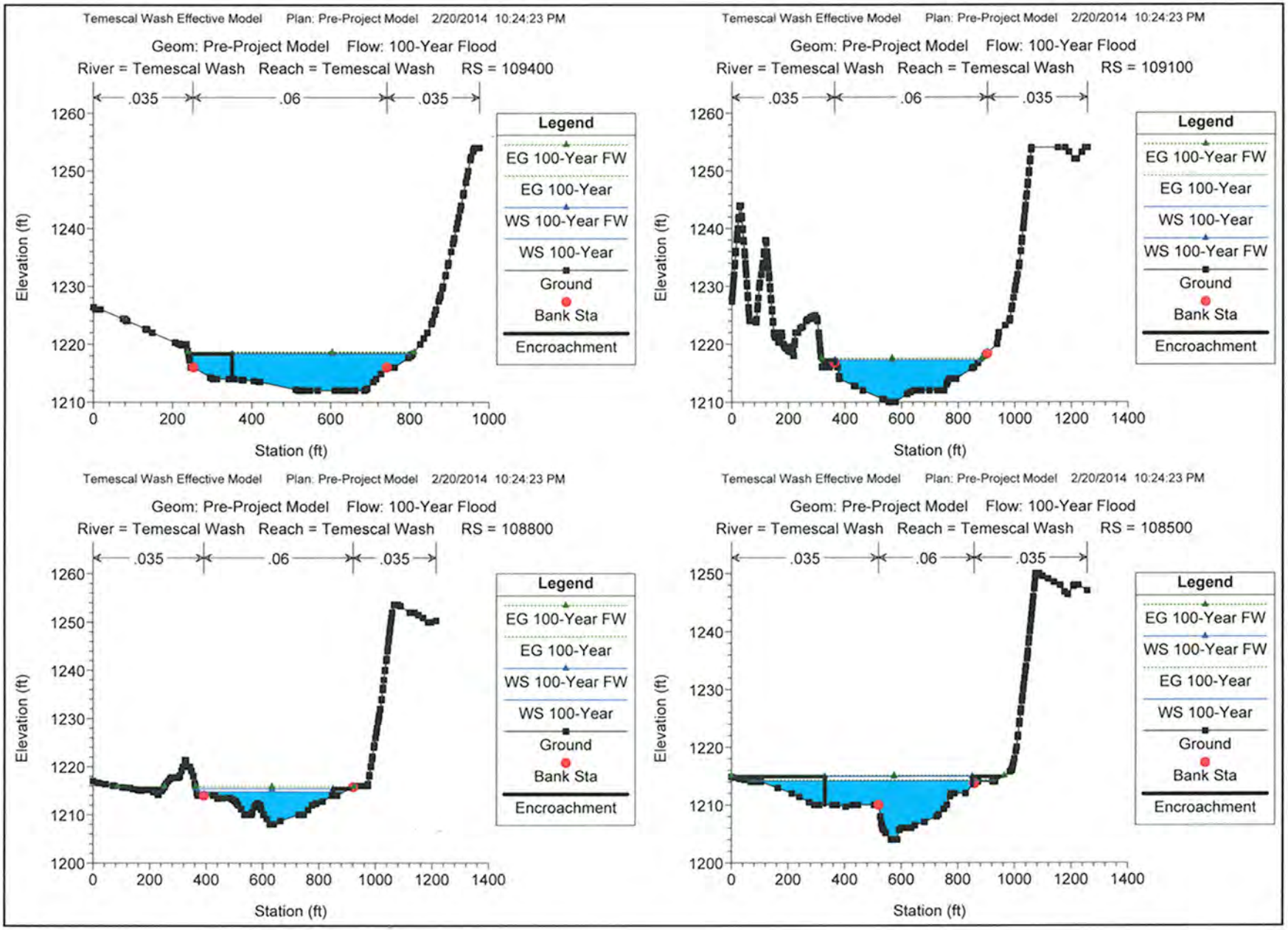

Temescal Wash Effective Model Plan: Pre-Project Model 2/20/2014 10:24:23 PM
Geom: Pre-Project Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 109800
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
WS 100-Year FW
EG 100-Year
WS 100-Year
Ground
Bank Sta
Encroachment

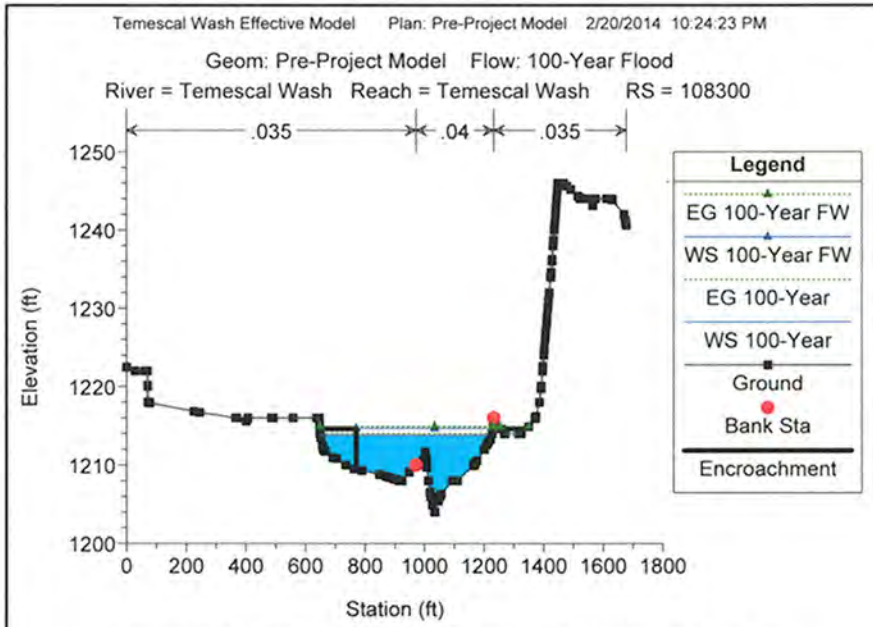

Temescal Wash Effective Model Plan: Pre-Project Model 2/20/2014 10:24:23 PM
Geom: Pre-Project Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 109535
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
WS 100-Year FW
EG 100-Year
WS 100-Year
Crit 100-Year FW
Crit 100-Year
Ground
Bank Sta
Encroachment

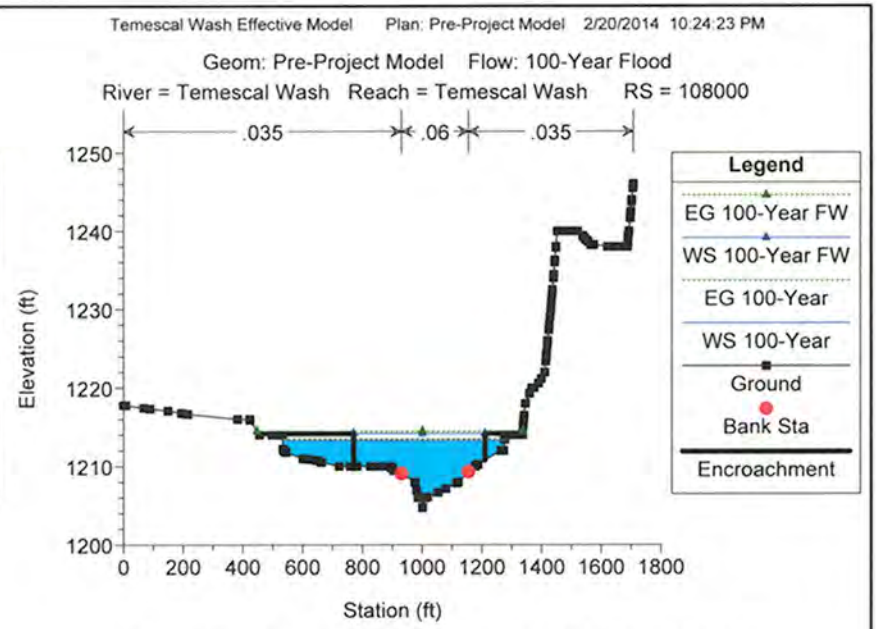

Temescal Wash Effective Model Plan: Pre-Project Model 2/20/2014 10:24:23 PM
Geom: Pre-Project Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 109520 BR Temescal Canyon Road Bridge (FIRM Bridge #5)
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Crit 100-Year FW
Crit 100-Year
Ground
Bank Sta
Encroachment

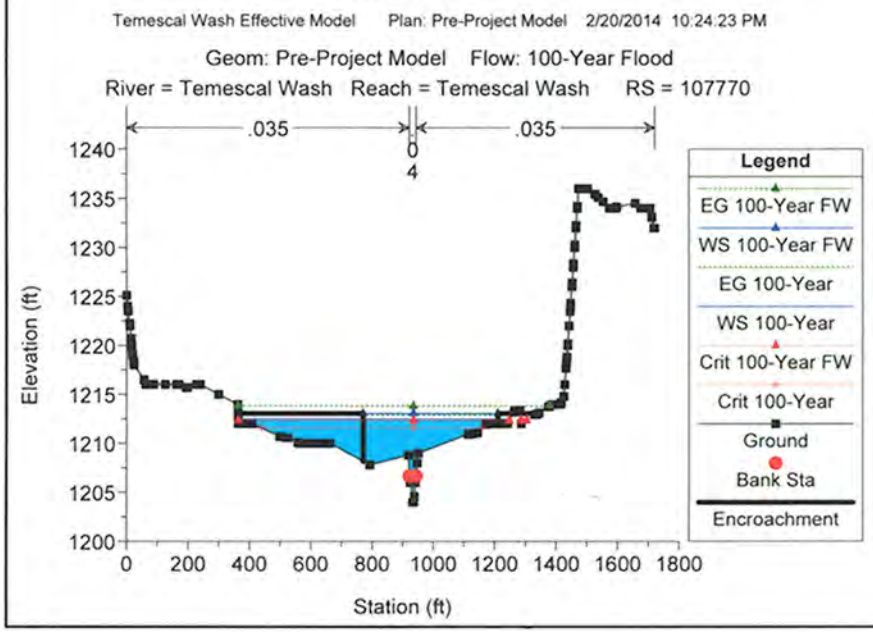

Temescal Wash Effective Model Plan: Pre-Project Model 2/20/2014 10:24:23 PM
Geom: Pre-Project Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 109520 BR Temescal Canyon Road Bridge (FIRM Bridge #5)
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Crit 100-Year FW
Crit 100-Year
Ground
Bank Sta
Encroachment

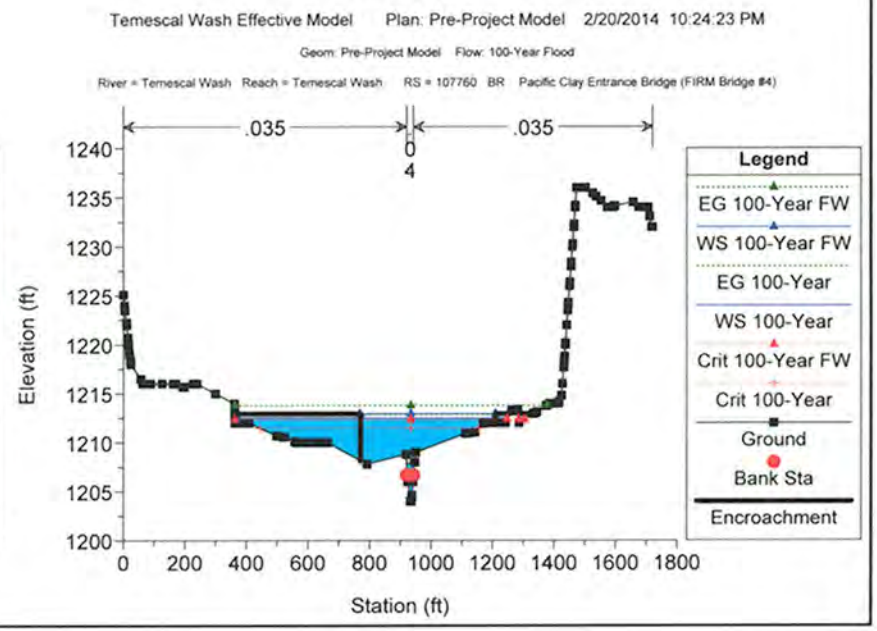

Temescal Wash Effective Model Plan: Pre-Project Model 2/20/2014 10:24:23 PM
Geom: Pre-Project Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 109505
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Ground
Bank Sta
Encroachment

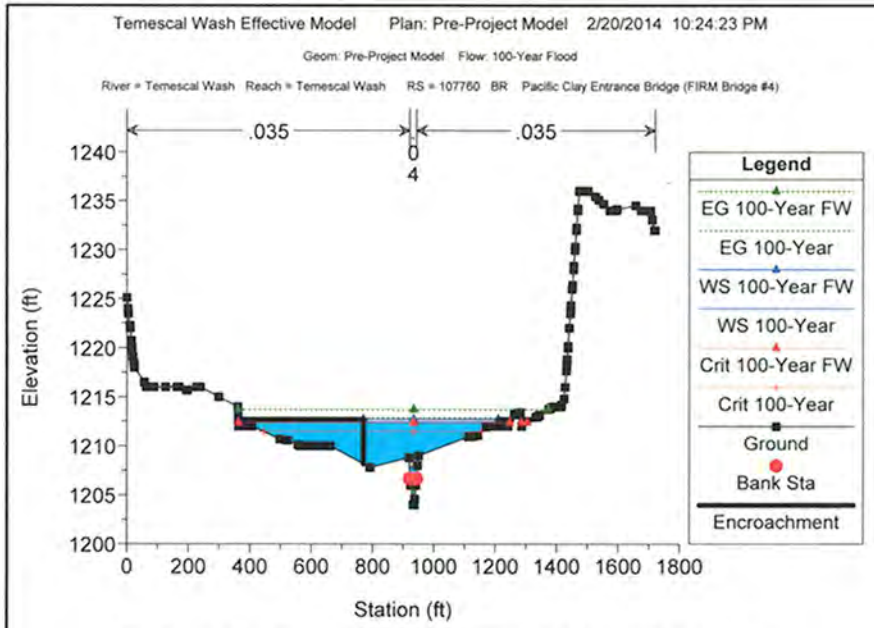

Temescal Wash Effective Model Plan: Pre-Project Model 2/20/2014 10:24:23 PM
Geom: Pre-Project Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 109400
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Ground
Bank Sta
Encroachment
Temescal Wash Effective Model Plan: Pre-Project Model 2/20/2014 10:24:23 PM
Geom: Pre-Project Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 109100
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year
WS 100-Year FW
Ground
Bank Sta
Encroachment
Temescal Wash Effective Model Plan: Pre-Project Model 2/20/2014 10:24:23 PM
Geom: Pre-Project Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 108800
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Ground
Bank Sta
Encroachment
Temescal Wash Effective Model Plan: Pre-Project Model 2/20/2014 10:24:23 PM
Geom: Pre-Project Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 108500
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
WS 100-Year FW
EG 100-Year
WS 100-Year
Ground
Bank Sta
Encroachment

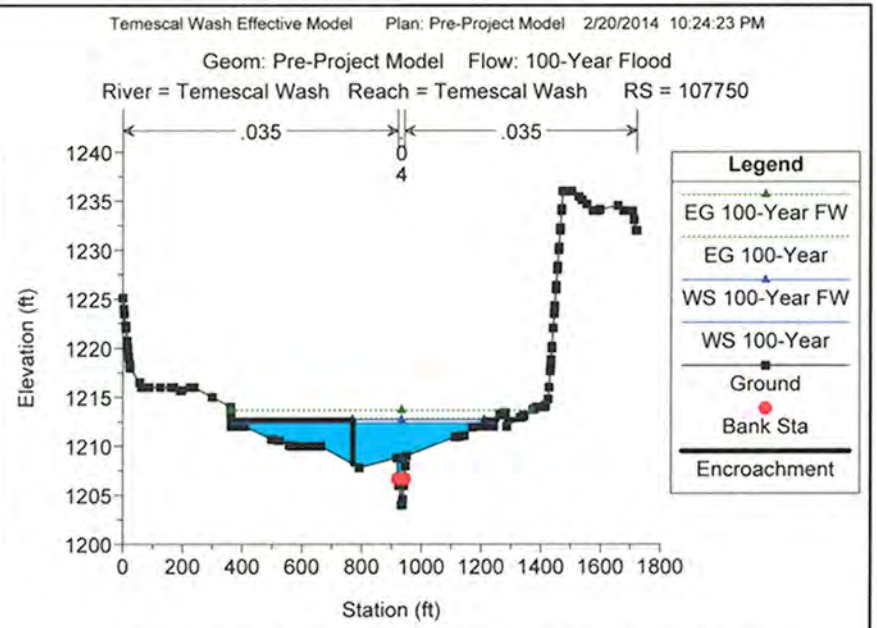

Temescal Wash Effective Model Plan: Pre-Project Model 2/20/2014 10:24:23 PM
Geom: Pre-Project Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 108300
.035
.04
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
WS 100-Year FW
EG 100-Year
WS 100-Year
Ground
Bank Sta
Encroachment

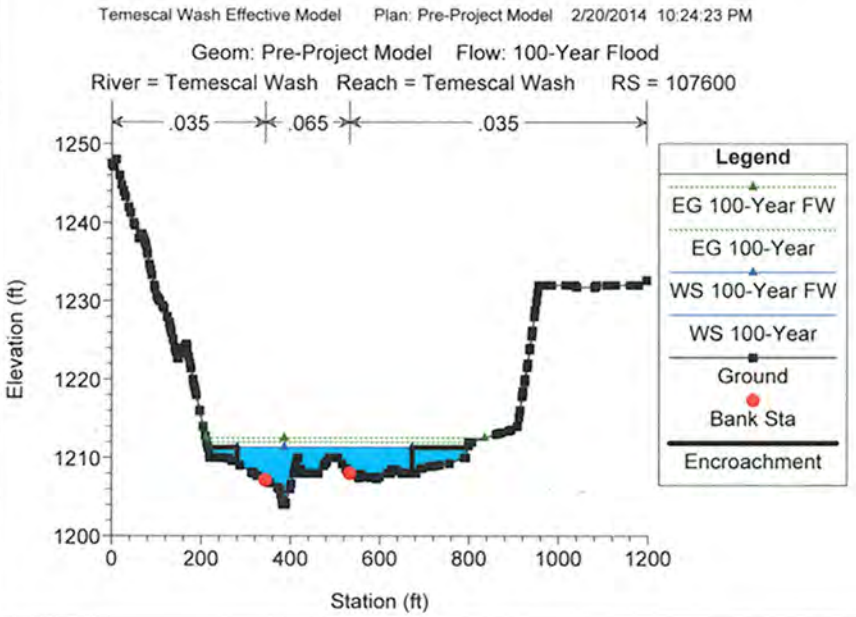

Temescal Wash Effective Model Plan: Pre-Project Model 2/20/2014 10:24:23 PM
Geom: Pre-Project Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 108000
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
WS 100-Year FW
EG 100-Year
WS 100-Year
Ground
Bank Sta
Encroachment

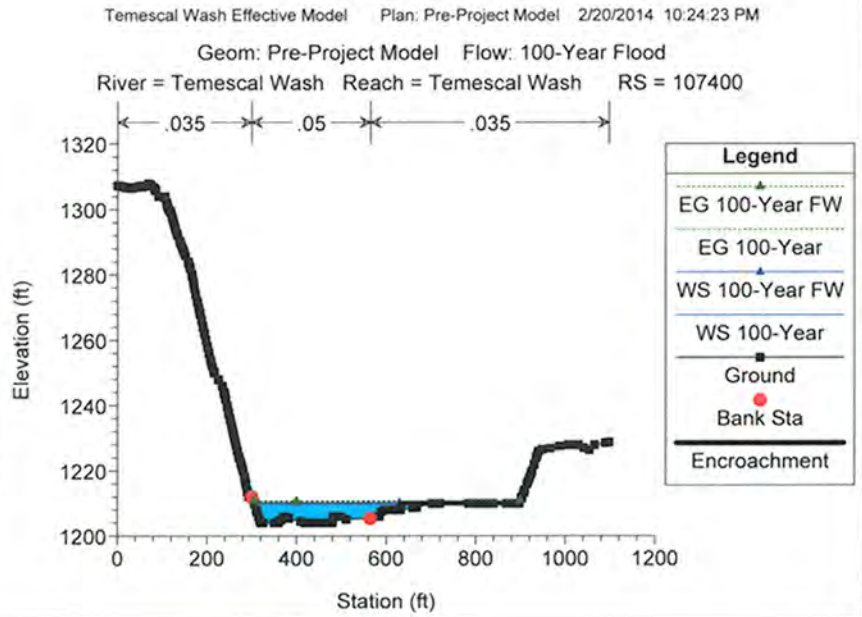

Temescal Wash Effective Model Plan: Pre-Project Model 2/20/2014 10:24:23 PM
Geom: Pre-Project Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 107770
.035
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
WS 100-Year FW
EG 100-Year
WS 100-Year
Crit 100-Year FW
Crit 100-Year
Ground
Bank Sta
Encroachment

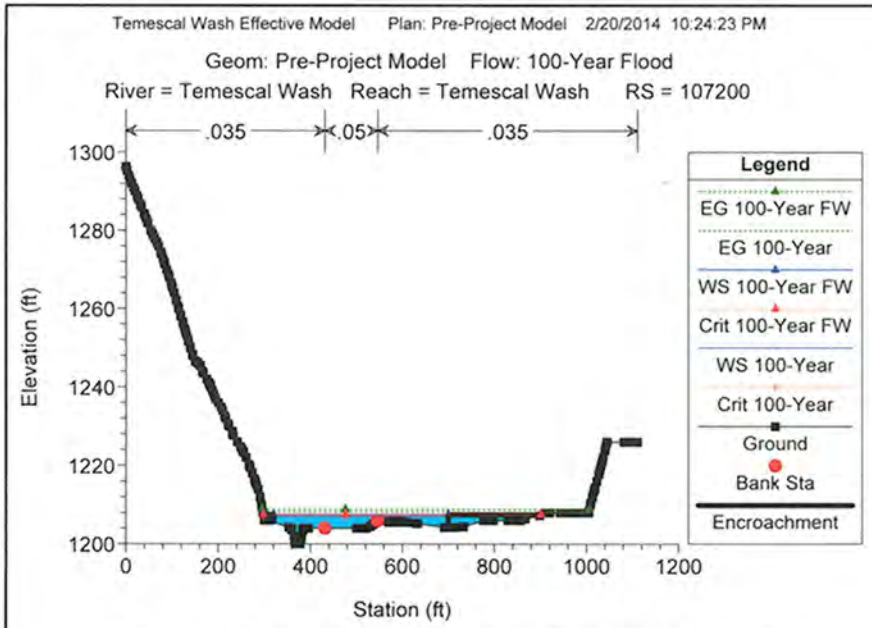

Temescal Wash Effective Model Plan: Pre-Project Model 2/20/2014 10:24:23 PM
Geom: Pre-Project Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 107760 BR Pacific Clay Entrance Bridge (FIRM Bridge #4)
.035
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
WS 100-Year FW
EG 100-Year
WS 100-Year
Crit 100-Year FW
Crit 100-Year
Ground
Bank Sta
Encroachment

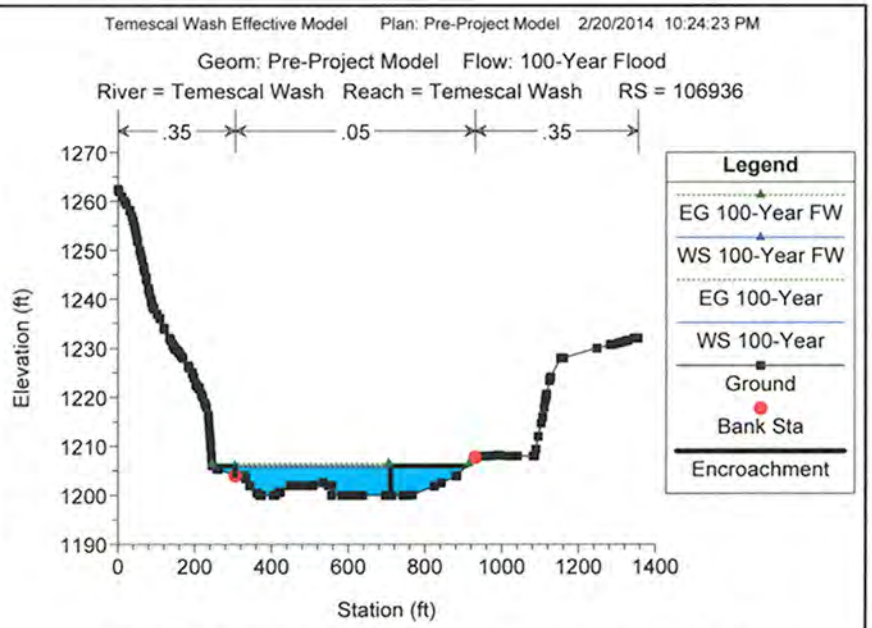

Temescal Wash Effective Model Plan: Pre-Project Model 2/20/2014 10:24:23 PM
Geom: Pre-Project Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 107760 BR Pacific Clay Entrance Bridge (FIRM Bridge #4)
.035
.035
0
4
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Crit 100-Year FW
Crit 100-Year
Ground
Bank Sta
Encroachment

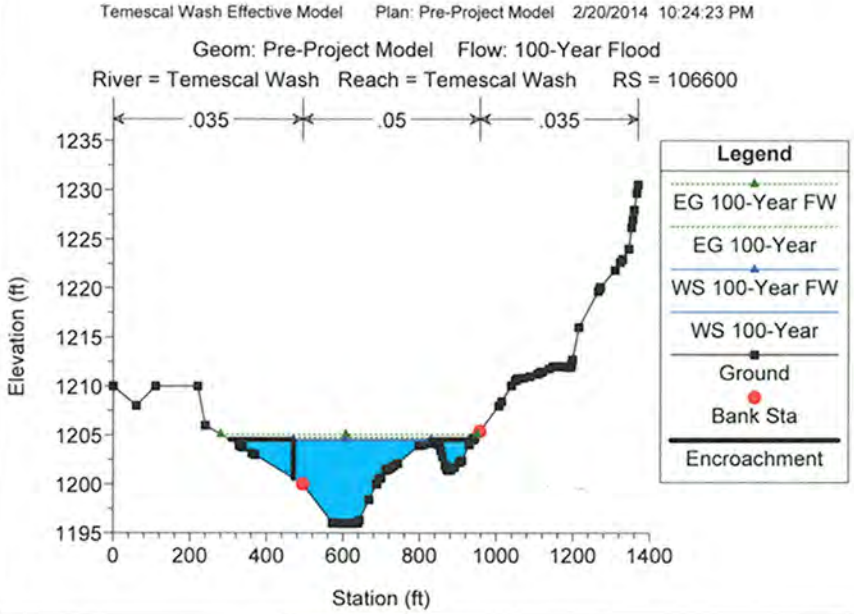

Temescal Wash Effective Model Plan: Pre-Project Model 2/20/2014 10:24:23 PM
Geom: Pre-Project Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 107750
.035
.035
0
4
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Ground
Bank Sta
Encroachment

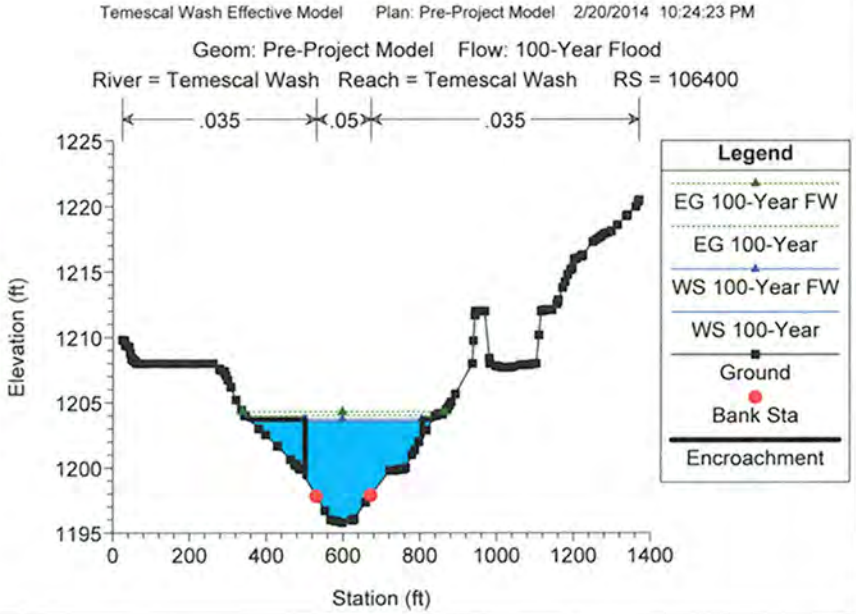

Temescal Wash Effective Model Plan: Pre-Project Model 2/20/2014 10:24:23 PM
Geom: Pre-Project Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 107600
.035
.065
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Ground
Bank Sta
Encroachment

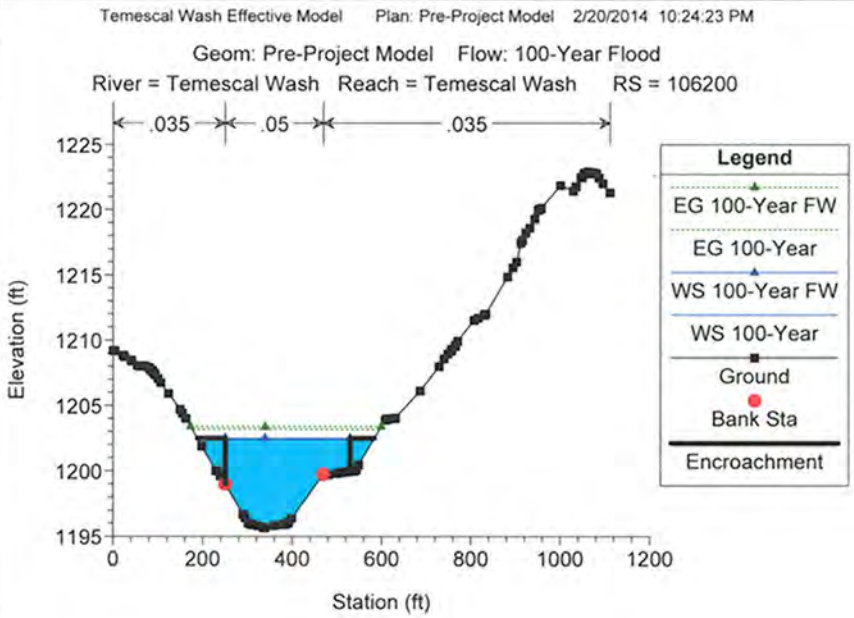

Temescal Wash Effective Model Plan: Pre-Project Model 2/20/2014 10:24:23 PM
Geom: Pre-Project Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 107400
.035
.05
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Ground
Bank Sta
Encroachment

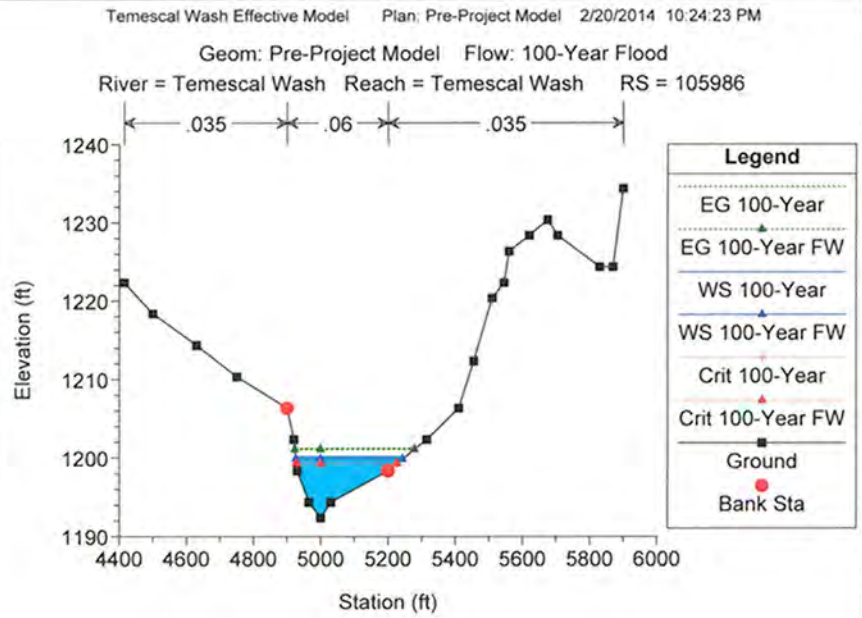

Temescal Wash Effective Model Plan: Pre-Project Model 2/20/2014 10:24:23 PM
Geom: Pre-Project Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 107200
.035
.05
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
Crit 100-Year FW
WS 100-Year
Crit 100-Year
Ground
Bank Sta
Encroachment


Temescal Wash Effective Model Plan: Pre-Project Model 2/20/2014 10:24:23 PM
Geom: Pre-Project Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 106936
.35
.05
.35
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
WS 100-Year FW
EG 100-Year
WS 100-Year
Ground
Bank Sta
Encroachment


Temescal Wash Effective Model Plan: Pre-Project Model 2/20/2014 10:24:23 PM
Geom: Pre-Project Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 106600
.035
.05
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Ground
Bank Sta
Encroachment


Temescal Wash Effective Model Plan: Pre-Project Model 2/20/2014 10:24:23 PM
Geom: Pre-Project Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 106400
.035
.05
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Ground
Bank Sta
Encroachment


Temescal Wash Effective Model Plan: Pre-Project Model 2/20/2014 10:24:23 PM
Geom: Pre-Project Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 106200
.035
.05
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Ground
Bank Sta
Encroachment


Temescal Wash Effective Model Plan: Pre-Project Model 2/20/2014 10:24:23 PM
Geom: Pre-Project Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 105986
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year
EG 100-Year FW
WS 100-Year
WS 100-Year FW
Crit 100-Year
Crit 100-Year FW
Ground
Bank Sta

# PHASE 1 CONDITION

HEC-RAS Plan: Plan 04 River: Temescal Wash Reach: Temescal Wash

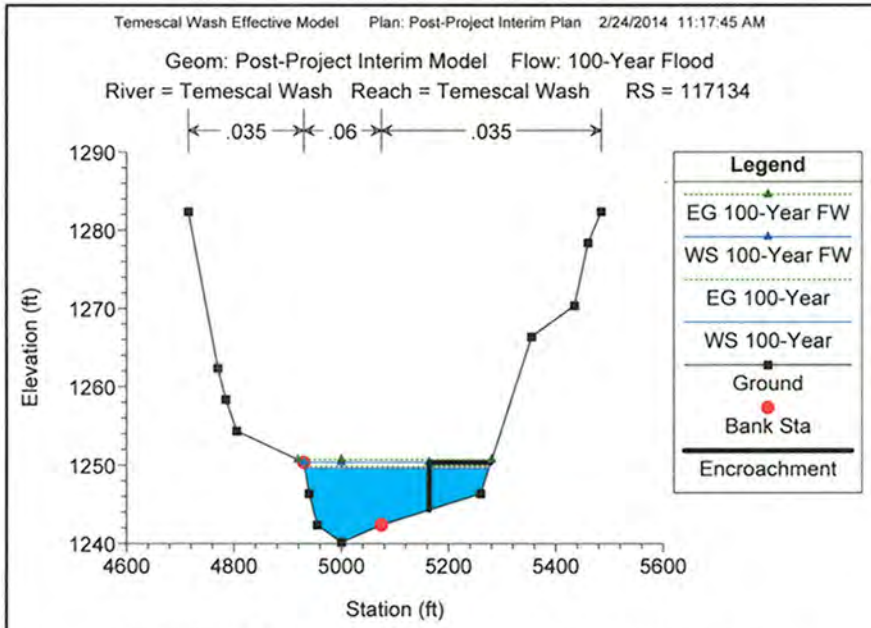
| Reach | River Sta | Profile | Q Total | Min Ch El | W.S. Elev | Crit W.S. | E.G. Elev | E.G. Slope | Vel Chnl | Flow Area | Top Width | Froude # Chl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | (cfs) | (ft) | (ft) | (ft) | (ft) | (ft/ft) | (ft/s) | (sq ft) | (ft) | |
| Temescal Wash | 117134 | 100-Year | 8300.00 | 1240.16 | 1249.55 | | 1249.81 | 0.001374 | 3.53 | 2069.46 | 343.12 | 0.23 |
| Temescal Wash | 117134 | 100-Year FW | 8300.00 | 1240.16 | 1250.35 | | 1250.71 | 0.001503 | 3.91 | 1825.45 | 233.73 | 0.24 |
| | | | | | | | | | | | | |
| Temescal Wash | 116134 | 100-Year | 8300.00 | 1235.86 | 1244.70 | 1244.45 | 1246.16 | 0.022650 | 9.88 | 865.31 | 252.78 | 0.83 |
| Temescal Wash | 116134 | 100-Year FW | 8300.00 | 1235.86 | 1244.40 | 1244.35 | 1246.44 | 0.033906 | 11.46 | 723.96 | 176.53 | 1.00 |
| | | | | | | | | | | | | |
| Temescal Wash | 115284 | 100-Year | 8300.00 | 1231.86 | 1240.59 | | 1240.85 | 0.002614 | 4.07 | 2038.60 | 352.31 | 0.30 |
| Temescal Wash | 115284 | 100-Year FW | 8300.00 | 1231.86 | 1240.92 | | 1241.15 | 0.002199 | 3.85 | 2155.26 | 355.61 | 0.28 |
| | | | | | | | | | | | | |
| Temescal Wash | 115184 | 100-Year | 8300.00 | 1231.46 | 1240.39 | | 1240.63 | 0.001752 | 3.84 | 2100.34 | 365.28 | 0.25 |
| Temescal Wash | 115184 | 100-Year FW | 8300.00 | 1231.46 | 1240.50 | | 1240.89 | 0.002812 | 4.91 | 1667.00 | 232.73 | 0.32 |
| | | | | | | | | | | | | |
| Temescal Wash | 113184 | 100-Year | 8300.00 | 1226.00 | 1239.03 | | 1239.12 | 0.000395 | 2.51 | 3476.11 | 463.00 | 0.13 |
| Temescal Wash | 113184 | 100-Year FW | 8300.00 | 1226.00 | 1239.03 | | 1239.12 | 0.000395 | 2.51 | 3476.11 | 463.00 | 0.13 |
| | | | | | | | | | | | | |
| Temescal Wash | 112900 | 100-Year | 8300.00 | 1224.97 | 1238.89 | 1229.73 | 1239.01 | 0.000388 | 2.63 | 3113.21 | 430.62 | 0.13 |
| Temescal Wash | 112900 | 100-Year FW | 8300.00 | 1224.97 | 1238.89 | 1229.73 | 1239.01 | 0.000388 | 2.63 | 3113.21 | 430.62 | 0.13 |
| | | | | | | | | | | | | |
| Temescal Wash | 112600 | 100-Year | 8300.00 | 1224.00 | 1238.87 | 1232.18 | 1238.94 | 0.000112 | 1.87 | 3890.97 | 333.82 | 0.10 |
| Temescal Wash | 112600 | 100-Year FW | 8300.00 | 1224.00 | 1238.87 | 1232.18 | 1238.94 | 0.000112 | 1.87 | 3890.97 | 333.82 | 0.10 |
| | | | | | | | | | | | | |
| Temescal Wash | 112300 | 100-Year | 8300.00 | 1224.00 | 1237.78 | 1232.66 | 1238.75 | 0.004733 | 7.89 | 1051.61 | 333.29 | 0.43 |
| Temescal Wash | 112300 | 100-Year FW | 8300.00 | 1224.00 | 1237.78 | 1232.66 | 1238.75 | 0.004733 | 7.89 | 1051.61 | 333.29 | 0.43 |
| | | | | | | | | | | | | |
| Temescal Wash | 112034 | 100-Year | 8300.00 | 1224.00 | 1235.77 | 1231.96 | 1237.13 | 0.007701 | 9.34 | 888.73 | 312.90 | 0.53 |
| Temescal Wash | 112034 | 100-Year FW | 8300.00 | 1224.00 | 1235.77 | 1231.96 | 1237.13 | 0.007701 | 9.34 | 888.73 | 312.90 | 0.53 |
| | | | | | | | | | | | | |
| Temescal Wash | 111634 | 100-Year | 8300.00 | 1222.00 | 1233.91 | 1229.77 | 1234.98 | 0.006186 | 8.29 | 1001.63 | 286.37 | 0.48 |
| Temescal Wash | 111634 | 100-Year FW | 8300.00 | 1222.00 | 1233.91 | 1229.77 | 1234.98 | 0.006186 | 8.29 | 1001.63 | 286.37 | 0.48 |
| | | | | | | | | | | | | |
| Temescal Wash | 111334 | 100-Year | 8300.00 | 1220.00 | 1231.35 | 1228.37 | 1232.73 | 0.009009 | 9.40 | 883.44 | 276.72 | 0.57 |
| Temescal Wash | 111334 | 100-Year FW | 8300.00 | 1220.00 | 1231.35 | 1228.37 | 1232.73 | 0.009009 | 9.40 | 883.44 | 276.72 | 0.57 |
| | | | | | | | | | | | | |
| Temescal Wash | 111034 | 100-Year | 8300.00 | 1220.00 | 1230.29 | | 1230.85 | 0.003643 | 6.60 | 1498.88 | 409.60 | 0.38 |
| Temescal Wash | 111034 | 100-Year FW | 8300.00 | 1220.00 | 1230.29 | | 1230.85 | 0.003643 | 6.60 | 1498.88 | 409.60 | 0.38 |
| | | | | | | | | | | | | |
| Temescal Wash | 110800 | 100-Year | 8300.00 | 1220.00 | 1229.34 | 1226.66 | 1229.89 | 0.004599 | 6.23 | 1431.97 | 328.25 | 0.41 |
| Temescal Wash | 110800 | 100-Year FW | 8300.00 | 1220.00 | 1229.34 | 1226.66 | 1229.89 | 0.004599 | 6.23 | 1431.97 | 328.25 | 0.41 |
| | | | | | | | | | | | | |
| Temescal Wash | 110600 | 100-Year | 10400.00 | 1218.00 | 1226.27 | 1226.27 | 1228.28 | 0.011683 | 11.86 | 972.53 | 333.93 | 0.78 |
| Temescal Wash | 110600 | 100-Year FW | 10400.00 | 1218.00 | 1226.27 | 1226.27 | 1228.28 | 0.011683 | 11.86 | 972.53 | 333.93 | 0.78 |
| | | | | | | | | | | | | |

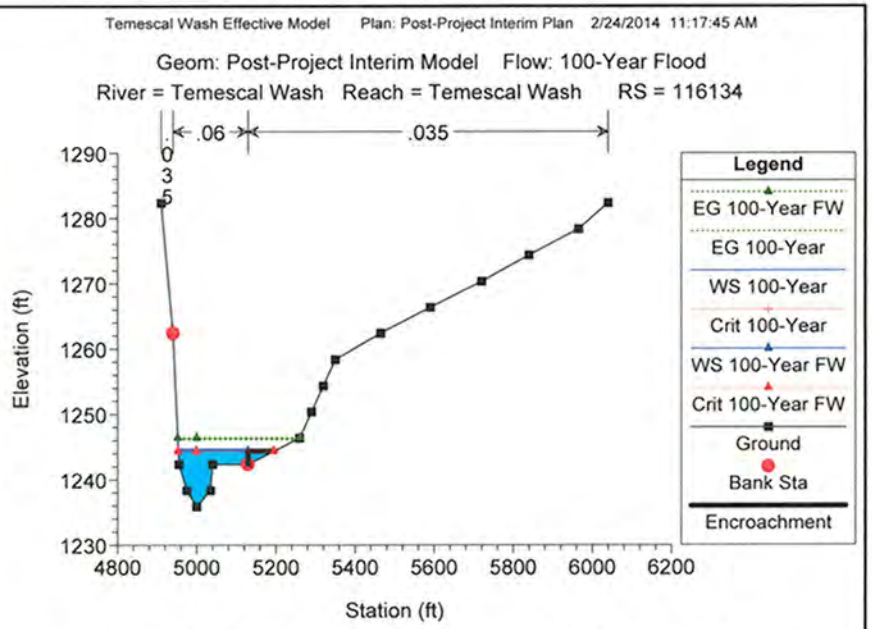
HEC-RAS Plan: Plan 04 River: Temescal Wash Reach: Temescal Wash (Continued)

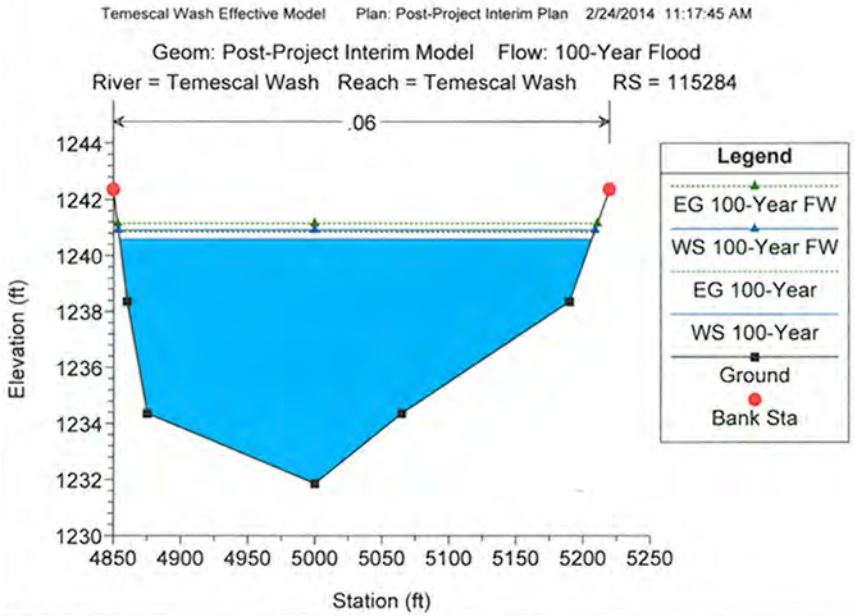
| Reach | River Sta | Profile | Q Total | Min Ch El | W.S. Elev | Crit W.S. | E.G. Elev | E.G. Slope | Vel Chnl | Flow Area | Top Width | Froude # Chl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | (cfs) | (ft) | (ft) | (ft) | (ft) | (ft/ft) | (ft/s) | (sq ft) | (ft) | |
| Temescal Wash | 110355 | 100-Year | 10400.00 | 1216.00 | 1224.16 | 1223.19 | 1226.27 | 0.001922 | 11.69 | 911.33 | 144.70 | 0.79 |
| Temescal Wash | 110355 | 100-Year FW | 10400.00 | 1216.00 | 1224.16 | 1223.19 | 1226.27 | 0.001922 | 11.69 | 911.33 | 144.70 | 0.79 |
| | | | | | | | | | | | | |
| Temescal Wash | 110330 | | Bridge | | | | | | | | | |
| | | | | | | | | | | | | |
| Temescal Wash | 110305 | 100-Year | 10400.00 | 1216.00 | 1223.19 | 1223.19 | 1226.08 | 0.003217 | 13.65 | 772.75 | 140.01 | 0.99 |
| Temescal Wash | 110305 | 100-Year FW | 10400.00 | 1216.00 | 1223.19 | 1223.19 | 1226.08 | 0.003217 | 13.65 | 772.75 | 140.01 | 0.99 |
| | | | | | | | | | | | | |
| Temescal Wash | 110100 | 100-Year | 10400.00 | 1213.85 | 1221.46 | | 1221.72 | 0.004377 | 4.04 | 2576.57 | 683.71 | 0.36 |
| Temescal Wash | 110100 | 100-Year FW | 10400.00 | 1213.85 | 1221.46 | | 1221.72 | 0.004377 | 4.04 | 2576.57 | 683.71 | 0.36 |
| | | | | | | | | | | | | |
| Temescal Wash | 109800 | 100-Year | 10400.00 | 1210.00 | 1221.13 | | 1221.23 | 0.000741 | 2.58 | 4152.45 | 796.14 | 0.17 |
| Temescal Wash | 109800 | 100-Year FW | 10400.00 | 1210.00 | 1221.13 | | 1221.23 | 0.000741 | 2.58 | 4152.45 | 796.14 | 0.17 |
| | | | | | | | | | | | | |
| Temescal Wash | 109400 | 100-Year | 10400.00 | 1211.36 | 1219.88 | | 1220.54 | 0.005318 | 6.52 | 1601.09 | 245.65 | 0.44 |
| Temescal Wash | 109400 | 100-Year FW | 10400.00 | 1211.36 | 1219.88 | | 1220.54 | 0.005318 | 6.52 | 1601.09 | 245.65 | 0.44 |
| | | | | | | | | | | | | |
| Temescal Wash | 109100 | 100-Year | 10400.00 | 1210.36 | 1218.30 | | 1218.97 | 0.005158 | 6.57 | 1605.01 | 262.38 | 0.43 |
| Temescal Wash | 109100 | 100-Year FW | 10400.00 | 1210.36 | 1218.30 | | 1218.97 | 0.005158 | 6.57 | 1605.04 | 262.39 | 0.43 |
| | | | | | | | | | | | | |
| Temescal Wash | 108800 | 100-Year | 10400.00 | 1208.36 | 1216.98 | | 1217.57 | 0.004109 | 6.19 | 1704.78 | 256.67 | 0.39 |
| Temescal Wash | 108800 | 100-Year FW | 10400.00 | 1208.36 | 1216.98 | | 1217.57 | 0.004109 | 6.19 | 1704.84 | 256.67 | 0.39 |
| | | | | | | | | | | | | |
| Temescal Wash | 108500 | 100-Year | 10400.00 | 1206.36 | 1215.34 | | 1216.13 | 0.005476 | 7.23 | 1485.82 | 247.41 | 0.45 |
| Temescal Wash | 108500 | 100-Year FW | 10400.00 | 1206.36 | 1215.34 | | 1216.13 | 0.005474 | 7.23 | 1485.97 | 247.43 | 0.45 |
| | | | | | | | | | | | | |
| Temescal Wash | 108410 | 100-Year | 10400.00 | 1204.86 | 1214.95 | 1210.68 | 1215.66 | 0.004511 | 6.77 | 1536.97 | 184.11 | 0.41 |
| Temescal Wash | 108410 | 100-Year FW | 10400.00 | 1204.86 | 1214.95 | 1210.68 | 1215.66 | 0.004510 | 6.77 | 1537.09 | 184.12 | 0.41 |
| | | | | | | | | | | | | |
| Temescal Wash | 108360 | | Bridge | | | | | | | | | |
| | | | | | | | | | | | | |
| Temescal Wash | 108310 | 100-Year | 10400.00 | 1204.86 | 1213.63 | | 1214.62 | 0.007439 | 8.01 | 1298.27 | 175.98 | 0.52 |
| Temescal Wash | 108310 | 100-Year FW | 10400.00 | 1204.86 | 1213.63 | | 1214.62 | 0.007436 | 8.01 | 1298.46 | 175.99 | 0.52 |
| | | | | | | | | | | | | |
| Temescal Wash | 108000 | 100-Year | 10400.00 | 1204.00 | 1213.16 | | 1213.37 | 0.001841 | 3.78 | 2863.05 | 695.42 | 0.26 |
| Temescal Wash | 108000 | 100-Year FW | 10400.00 | 1204.00 | 1213.16 | | 1213.37 | 0.001837 | 3.78 | 2864.83 | 695.55 | 0.26 |
| | | | | | | | | | | | | |
| Temescal Wash | 107770 | 100-Year | 10400.00 | 1203.46 | 1212.56 | 1211.33 | 1212.88 | 0.002318 | 6.92 | 2439.12 | 857.90 | 0.43 |
| Temescal Wash | 107770 | 100-Year FW | 10400.00 | 1203.46 | 1212.56 | 1211.32 | 1212.89 | 0.002305 | 6.90 | 2443.94 | 858.26 | 0.43 |
| | | | | | | | | | | | | |
| Temescal Wash | 107760 | | Bridge | | | | | | | | | |
| | | | | | | | | | | | | |

HEC-RAS Plan: Plan 04 River: Temescal Wash Reach: Temescal Wash (Continued)

| Reach | River Sta | Profile | Q Total | Min Ch El | W.S. Elev | Crit W.S. | E.G. Elev | E.G. Slope | Vel Chnl | Flow Area | Top Width | Froude # Chl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | (cfs) | (ft) | (ft) | (ft) | (ft) | (ft/ft) | (ft/s) | (sq ft) | (ft) | |
| Temescal Wash | 107750 | 100-Year | 10400.00 | 1204.00 | 1212.36 | | 1212.80 | 0.003902 | 8.40 | 2110.61 | 903.23 | 0.55 |
| Temescal Wash | 107750 | 100-Year FW | 10400.00 | 1204.00 | 1212.37 | | 1212.80 | 0.003859 | 8.36 | 2118.44 | 903.84 | 0.55 |
| | | | | | | | | | | | | |
| Temescal Wash | 107600 | 100-Year | 10400.00 | 1204.00 | 1211.33 | | 1211.99 | 0.007395 | 4.46 | 1707.19 | 582.61 | 0.42 |
| Temescal Wash | 107600 | 100-Year FW | 10400.00 | 1204.00 | 1211.40 | | 1212.03 | 0.006893 | 4.35 | 1743.48 | 583.07 | 0.41 |
| | | | | | | | | | | | | |
| Temescal Wash | 107400 | 100-Year | 10400.00 | 1204.00 | 1209.76 | | 1210.53 | 0.007131 | 7.23 | 1503.00 | 389.48 | 0.57 |
| Temescal Wash | 107400 | 100-Year FW | 10400.00 | 1204.00 | 1209.86 | | 1210.64 | 0.006818 | 7.16 | 1467.20 | 322.61 | 0.56 |
| | | | | | | | | | | | | |
| Temescal Wash | 107200 | 100-Year | 10400.00 | 1204.00 | 1207.10 | 1207.10 | 1208.20 | 0.013292 | 6.97 | 1312.01 | 593.92 | 0.72 |
| Temescal Wash | 107200 | 100-Year FW | 10400.00 | 1204.00 | 1207.15 | 1207.15 | 1208.39 | 0.013058 | 6.99 | 1220.97 | 468.00 | 0.72 |
| | | | | | | | | | | | | |
| Temescal Wash | 106936 | 100-Year | 10400.00 | 1199.99 | 1205.58 | | 1205.83 | 0.002637 | 4.03 | 2619.47 | 650.06 | 0.34 |
| Temescal Wash | 106936 | 100-Year FW | 10400.00 | 1199.99 | 1206.18 | | 1206.37 | 0.001746 | 3.54 | 2935.93 | 604.83 | 0.28 |
| | | | | | | | | | | | | |
| Temescal Wash | 106600 | 100-Year | 10400.00 | 1195.97 | 1204.39 | | 1204.74 | 0.004024 | 4.79 | 2192.83 | 625.50 | 0.42 |
| Temescal Wash | 106600 | 100-Year FW | 10400.00 | 1195.97 | 1205.20 | | 1205.56 | 0.003418 | 4.83 | 2153.42 | 458.86 | 0.39 |
| | | | | | | | | | | | | |
| Temescal Wash | 106400 | 100-Year | 10400.00 | 1195.80 | 1203.55 | | 1204.03 | 0.003097 | 6.07 | 1915.47 | 468.29 | 0.40 |
| Temescal Wash | 106400 | 100-Year FW | 10400.00 | 1195.80 | 1204.00 | | 1204.79 | 0.003840 | 7.05 | 1455.31 | 215.70 | 0.45 |
| | | | | | | | | | | | | |
| Temescal Wash | 106200 | 100-Year | 10400.00 | 1195.66 | 1202.42 | | 1203.16 | 0.006073 | 7.18 | 1543.11 | 394.18 | 0.54 |
| Temescal Wash | 106200 | 100-Year FW | 10400.00 | 1195.66 | 1202.56 | | 1203.67 | 0.008457 | 8.45 | 1230.92 | 219.88 | 0.63 |
| | | | | | | | | | | | | |
| Temescal Wash | 105986 | 100-Year | 10400.00 | 1192.36 | 1200.18 | 1199.29 | 1201.22 | 0.015115 | 8.26 | 1278.18 | 326.88 | 0.69 |
| Temescal Wash | 105986 | 100-Year FW | 10400.00 | 1192.36 | 1199.87 | 1199.29 | 1201.10 | 0.019385 | 8.94 | 1178.33 | 317.19 | 0.77 |


Temescal Wash Effective Model Plan: Post-Project Interim Plan 2/24/2014 11:17:45 AM
Geom: Post-Project Interim Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 117134
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
WS 100-Year FW
EG 100-Year
WS 100-Year
Ground
Bank Sta
Encroachment


Temescal Wash Effective Model Plan: Post-Project Interim Plan 2/24/2014 11:17:45 AM
Geom: Post-Project Interim Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 116134
.06
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year
Crit 100-Year
WS 100-Year FW
Crit 100-Year FW
Ground
Bank Sta
Encroachment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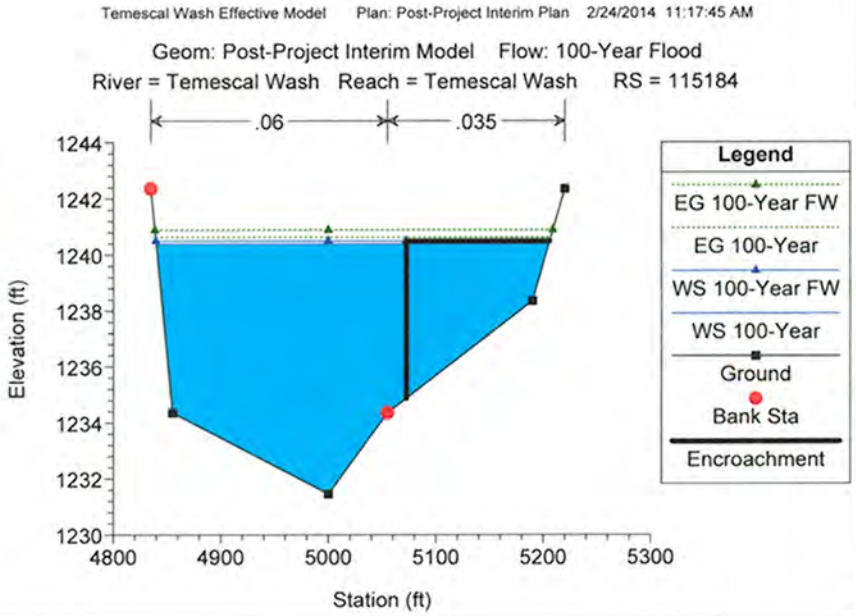
Geom: Post-Project Interim Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 115284
.06
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
WS 100-Year FW
EG 100-Year
WS 100-Year
Ground
Bank Sta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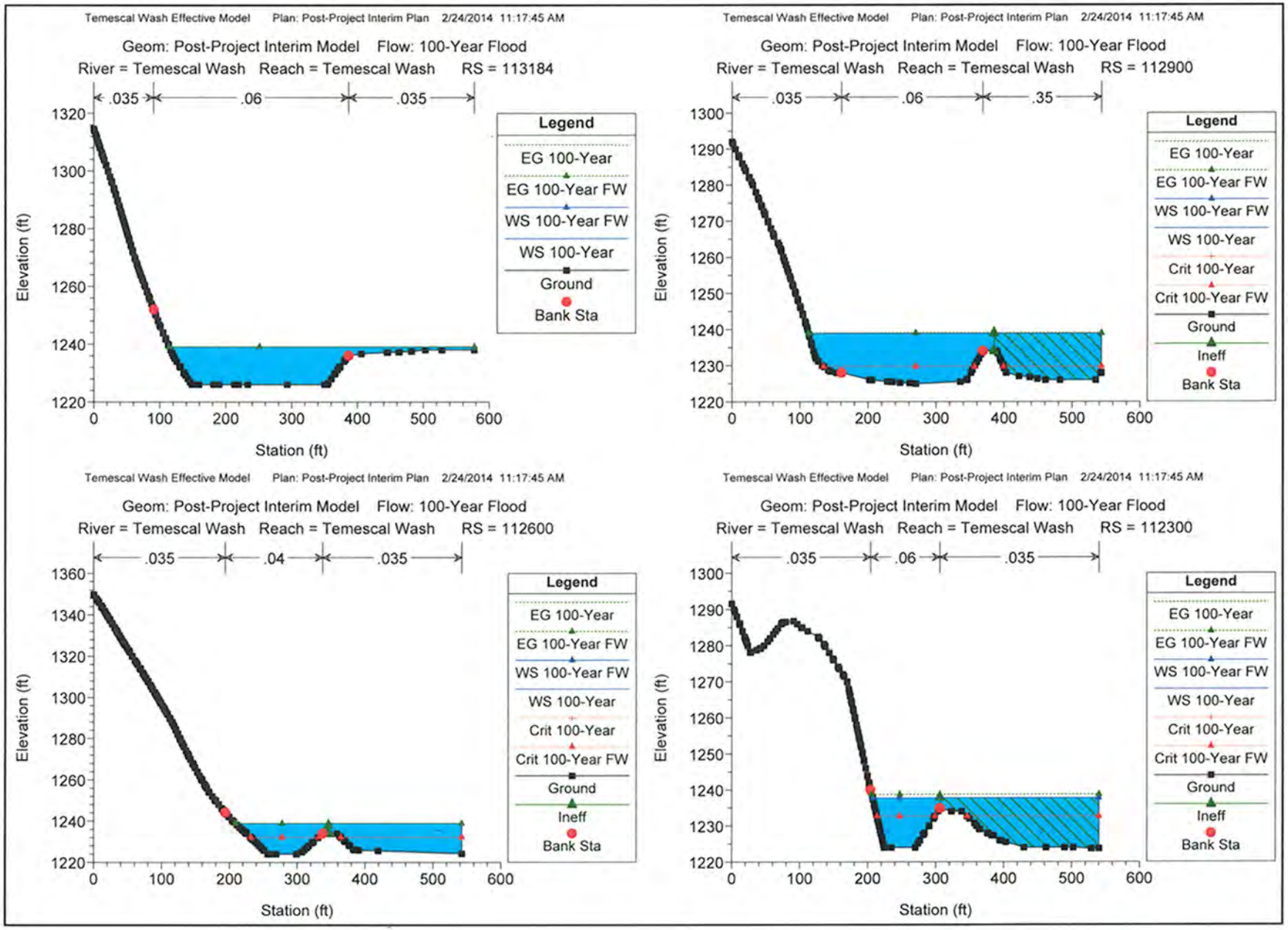
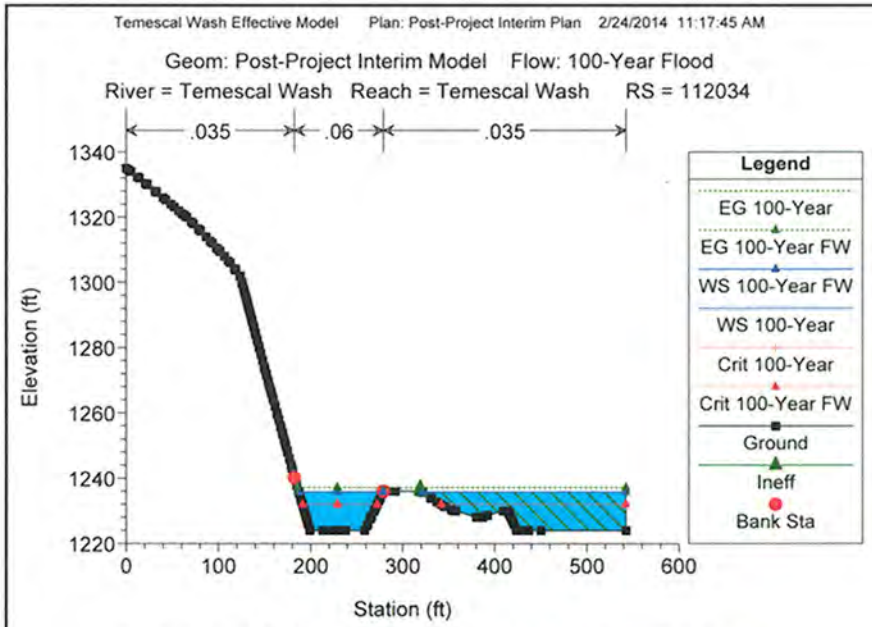
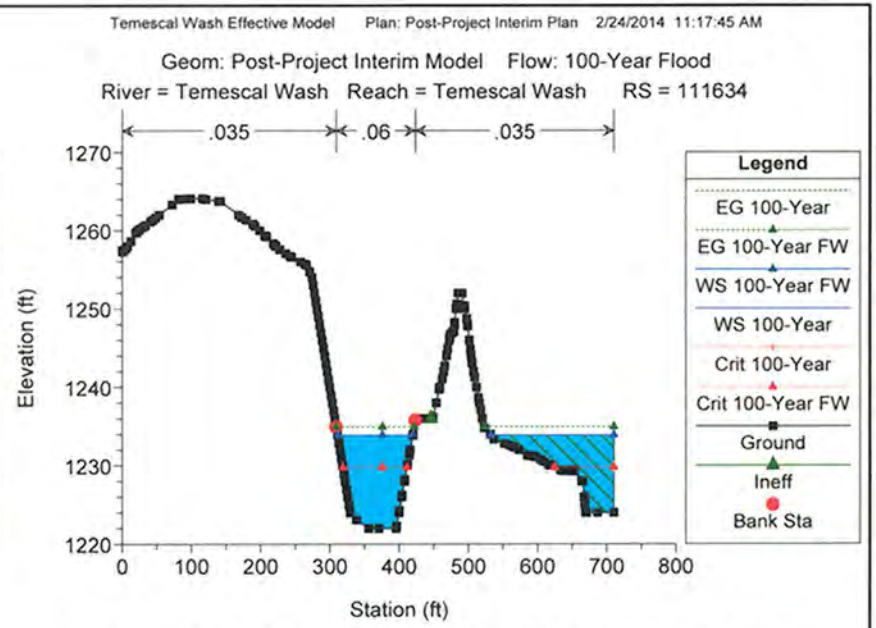
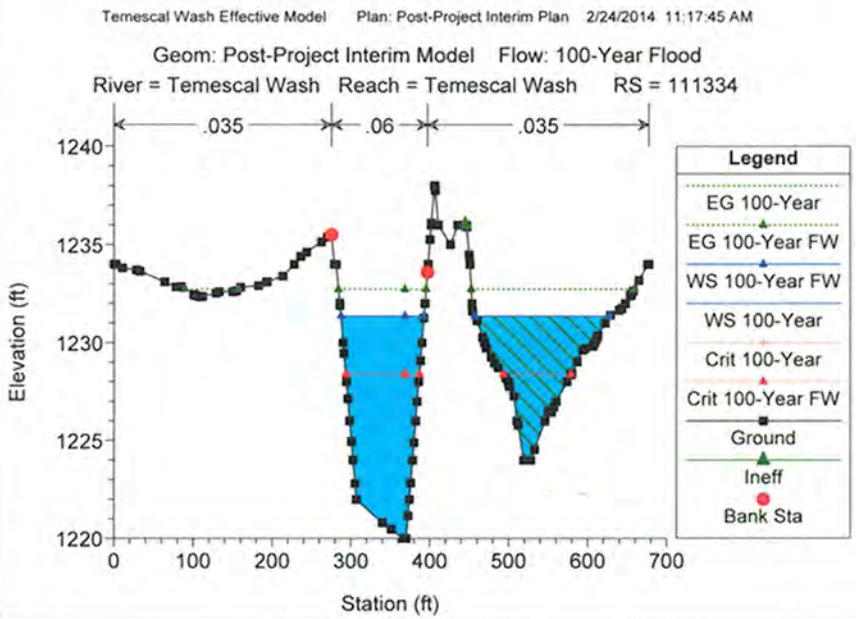
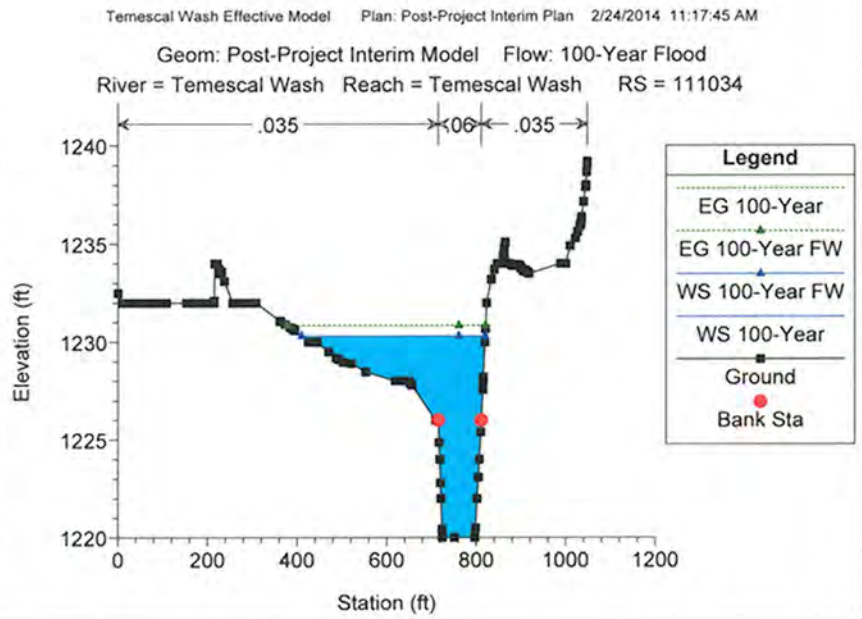
Geom: Post-Project Interim Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 115184
.06
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Ground
Bank Sta
Encroachment

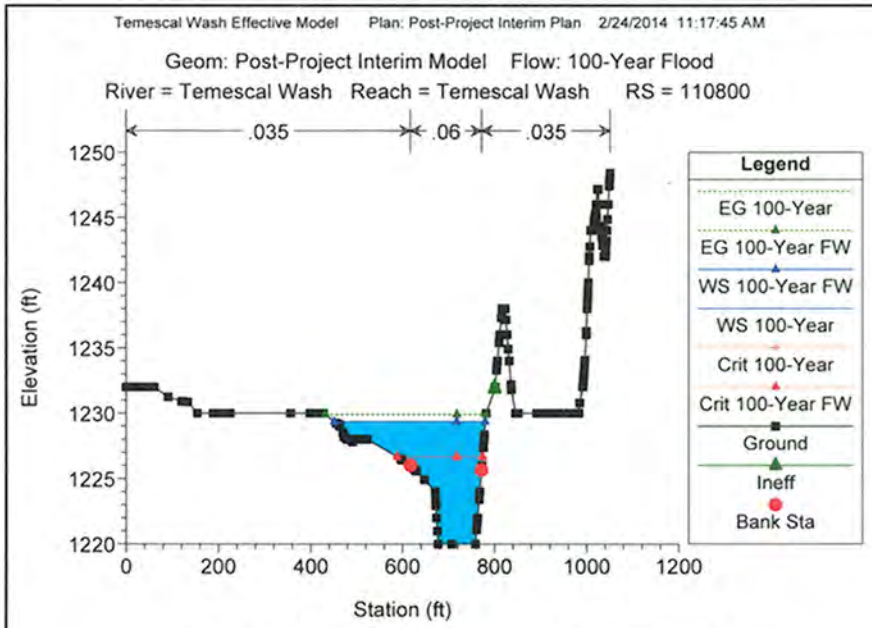

Temescal Wash Effective Model Plan: Post-Project Interim Plan 2/24/2014 11:17:45 AM
Geom: Post-Project Interim Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 113184
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year
EG 100-Year FW
WS 100-Year FW
WS 100-Year
Ground
Bank Sta
Temescal Wash Effective Model Plan: Post-Project Interim Plan 2/24/2014 11:17:45 AM
Geom: Post-Project Interim Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 112900
.035
.06
.35
Elevation (ft)
Station (ft)
Legend
EG 100-Year
EG 100-Year FW
WS 100-Year FW
WS 100-Year
Crit 100-Year
Crit 100-Year FW
Ground
Ineff
Bank Sta
Temescal Wash Effective Model Plan: Post-Project Interim Plan 2/24/2014 11:17:45 AM
Geom: Post-Project Interim Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 112600
.035
.04
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year
EG 100-Year FW
WS 100-Year FW
WS 100-Year
Crit 100-Year
Crit 100-Year FW
Ground
Ineff
Bank Sta
Temescal Wash Effective Model Plan: Post-Project Interim Plan 2/24/2014 11:17:45 AM
Geom: Post-Project Interim Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 112300
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year
EG 100-Year FW
WS 100-Year FW
WS 100-Year
Crit 100-Year
Crit 100-Year FW
Ground
Ineff
Bank Sta

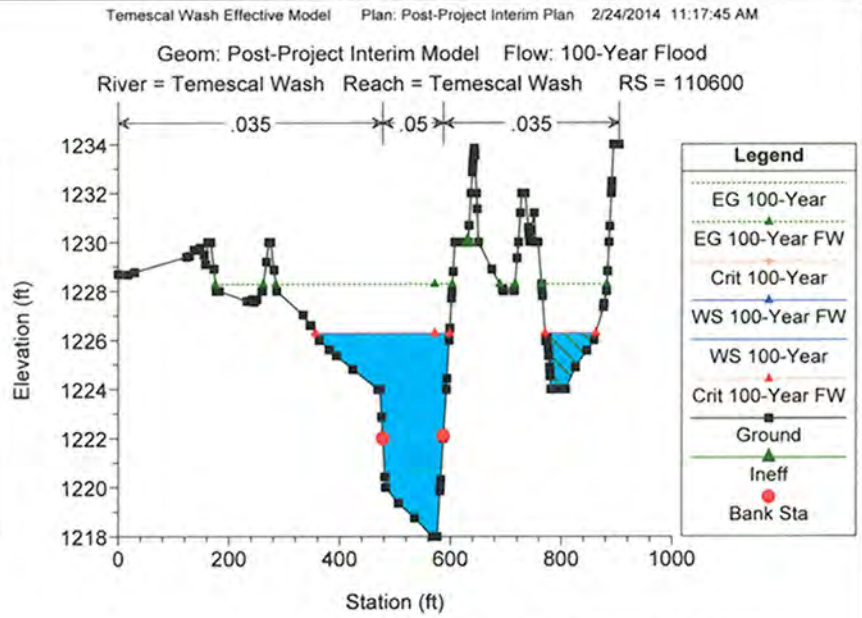

Temescal Wash Effective Model Plan: Post-Project Interim Plan 2/24/2014 11:17:45 AM
Geom: Post-Project Interim Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 112034
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year
EG 100-Year FW
WS 100-Year FW
WS 100-Year
Crit 100-Year
Crit 100-Year FW
Ground
Ineff
Bank Sta

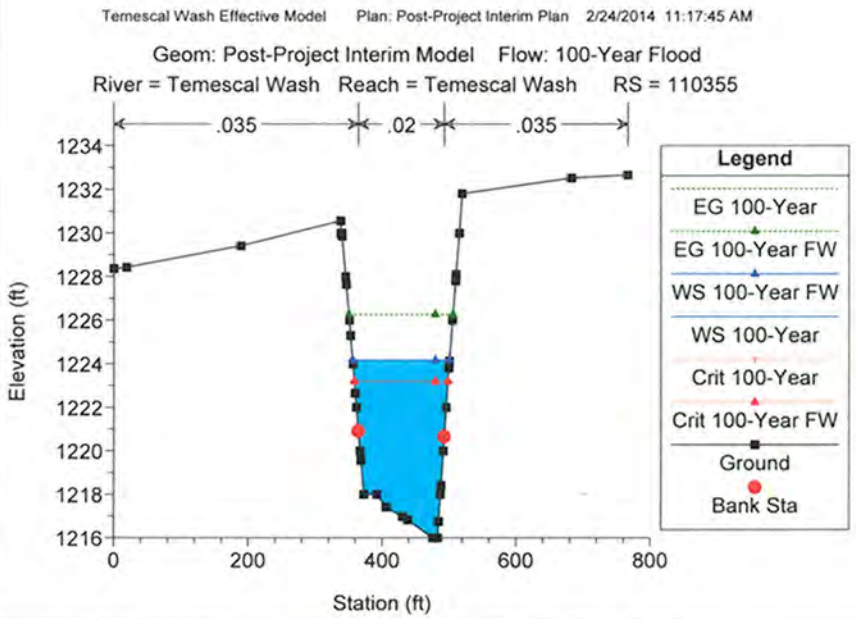

Temescal Wash Effective Model Plan: Post-Project Interim Plan 2/24/2014 11:17:45 AM
Geom: Post-Project Interim Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 111634
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year
EG 100-Year FW
WS 100-Year FW
WS 100-Year
Crit 100-Year
Crit 100-Year FW
Ground
Ineff
Bank Sta

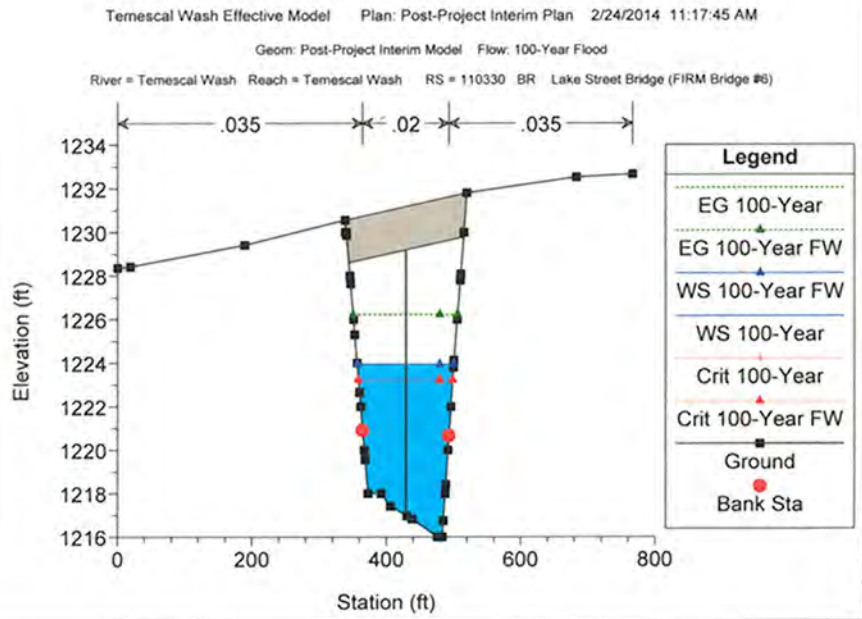

Temescal Wash Effective Model Plan: Post-Project Interim Plan 2/24/2014 11:17:45 AM
Geom: Post-Project Interim Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 111334
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year
EG 100-Year FW
WS 100-Year FW
WS 100-Year
Crit 100-Year
Crit 100-Year FW
Ground
Ineff
Bank Sta

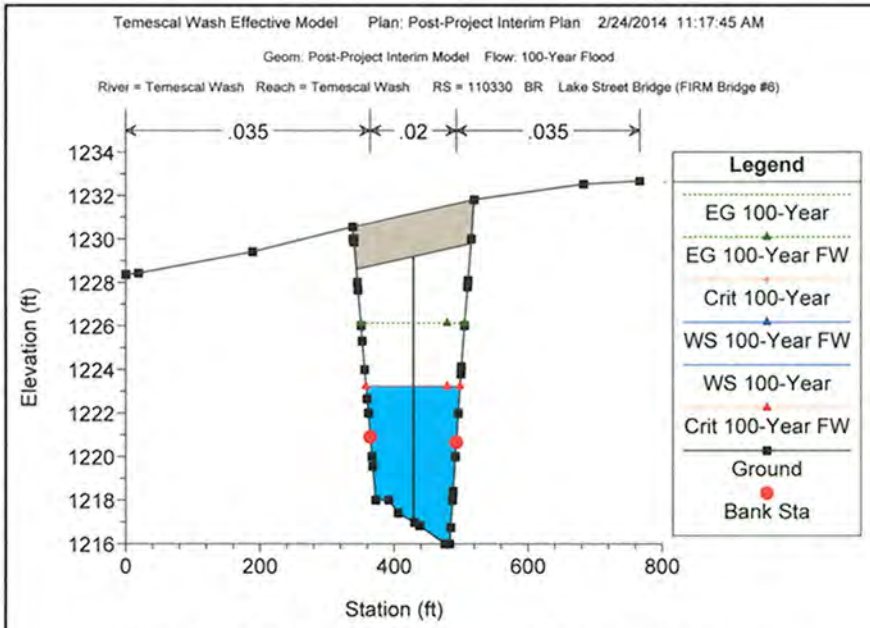

Temescal Wash Effective Model Plan: Post-Project Interim Plan 2/24/2014 11:17:45 AM
Geom: Post-Project Interim Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 111034
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year
EG 100-Year FW
WS 100-Year FW
WS 100-Year
Ground
Bank Sta

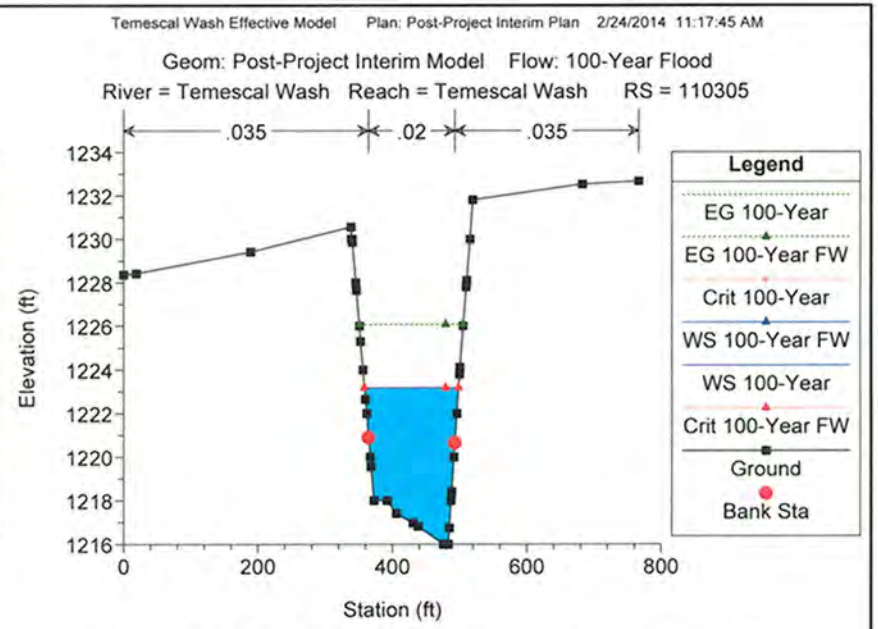

Temescal Wash Effective Model Plan: Post-Project Interim Plan 2/24/2014 11:17:45 AM
Geom: Post-Project Interim Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 110800
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year
EG 100-Year FW
WS 100-Year FW
WS 100-Year
Crit 100-Year
Crit 100-Year FW
Ground
Ineff
Bank Sta

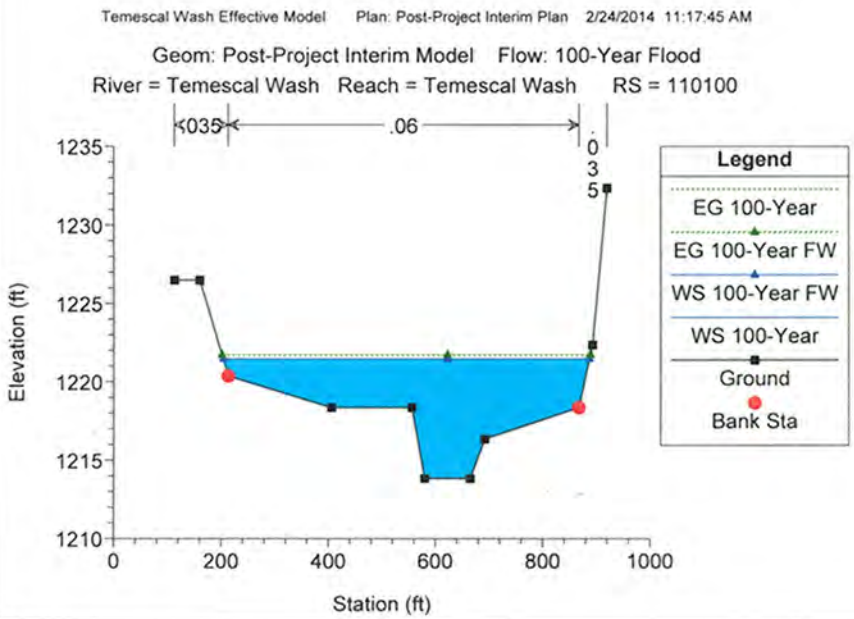

Temescal Wash Effective Model Plan: Post-Project Interim Plan 2/24/2014 11:17:45 AM
Geom: Post-Project Interim Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 110600
.035
.05
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year
EG 100-Year FW
Crit 100-Year
WS 100-Year FW
WS 100-Year
Crit 100-Year FW
Ground
Ineff
Bank Sta

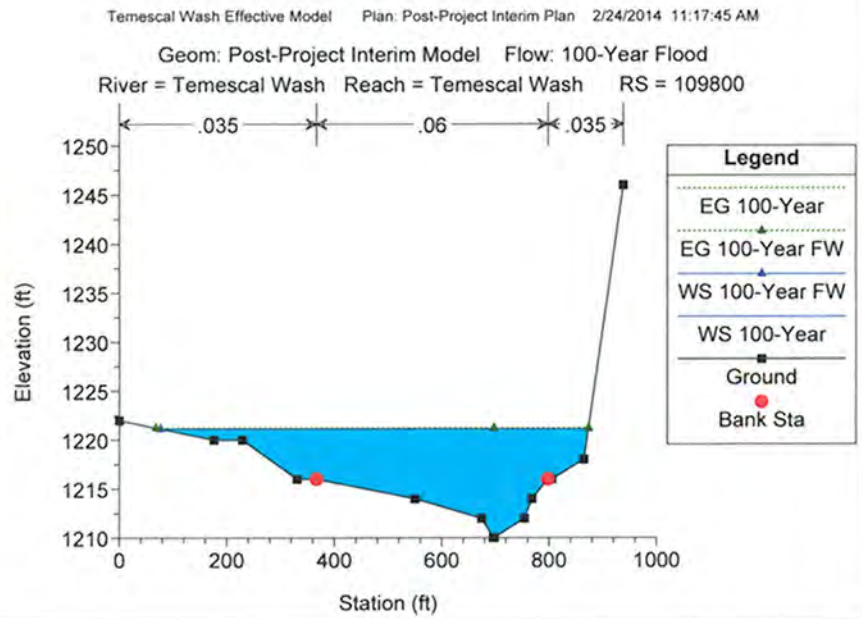

Temescal Wash Effective Model Plan: Post-Project Interim Plan 2/24/2014 11:17:45 AM
Geom: Post-Project Interim Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 110355
.035
.02
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year
EG 100-Year FW
WS 100-Year FW
WS 100-Year
Crit 100-Year
Crit 100-Year FW
Ground
Bank Sta

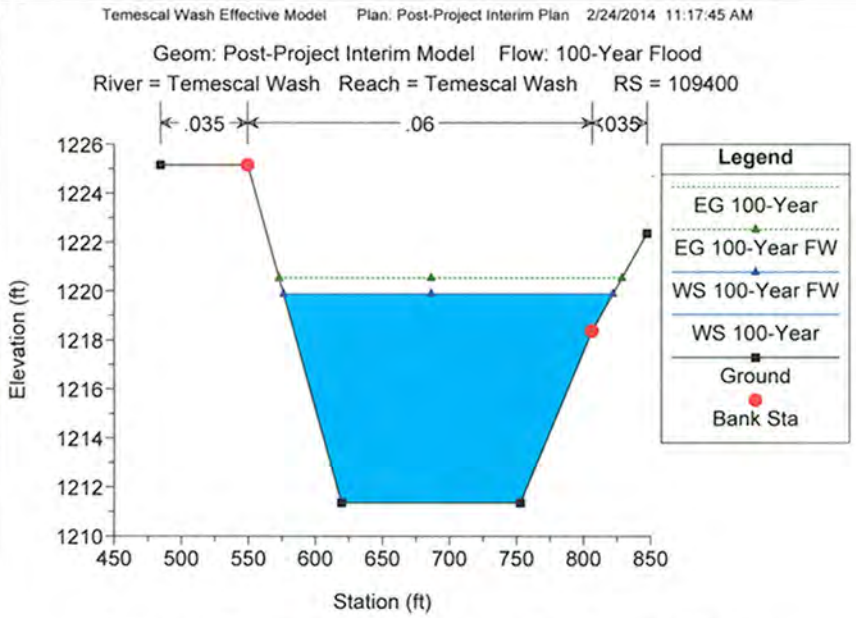

Temescal Wash Effective Model Plan: Post-Project Interim Plan 2/24/2014 11:17:45 AM
Geom: Post-Project Interim Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 110330 BR Lake Street Bridge (FIRM Bridge #6)
.035
.02
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year
EG 100-Year FW
WS 100-Year FW
WS 100-Year
Crit 100-Year
Crit 100-Year FW
Ground
Bank Sta

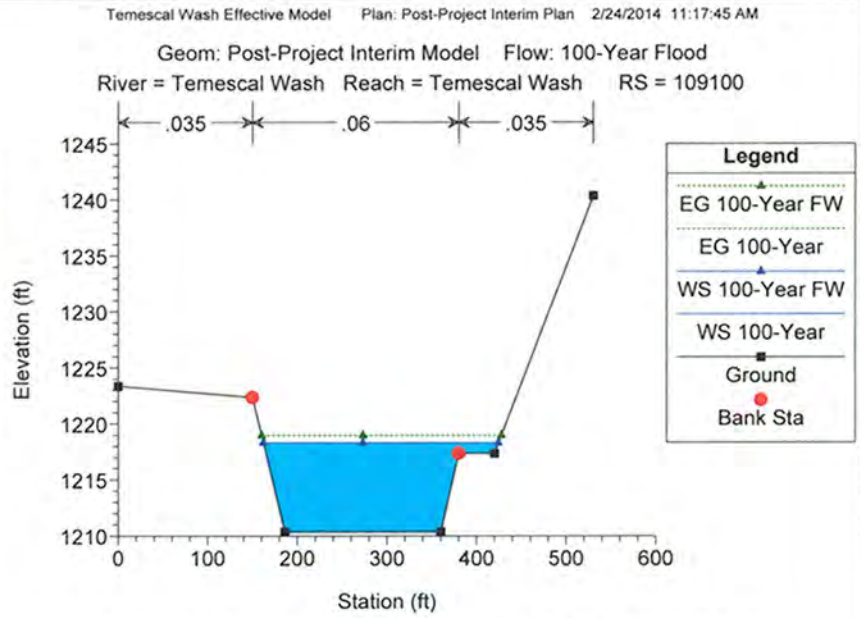

Temescal Wash Effective Model Plan: Post-Project Interim Plan 2/24/2014 11:17:45 AM
Geom: Post-Project Interim Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 110330 BR Lake Street Bridge (FIRM Bridge #6)
.035
.02
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year
EG 100-Year FW
Crit 100-Year
WS 100-Year FW
WS 100-Year
Crit 100-Year FW
Ground
Bank Sta

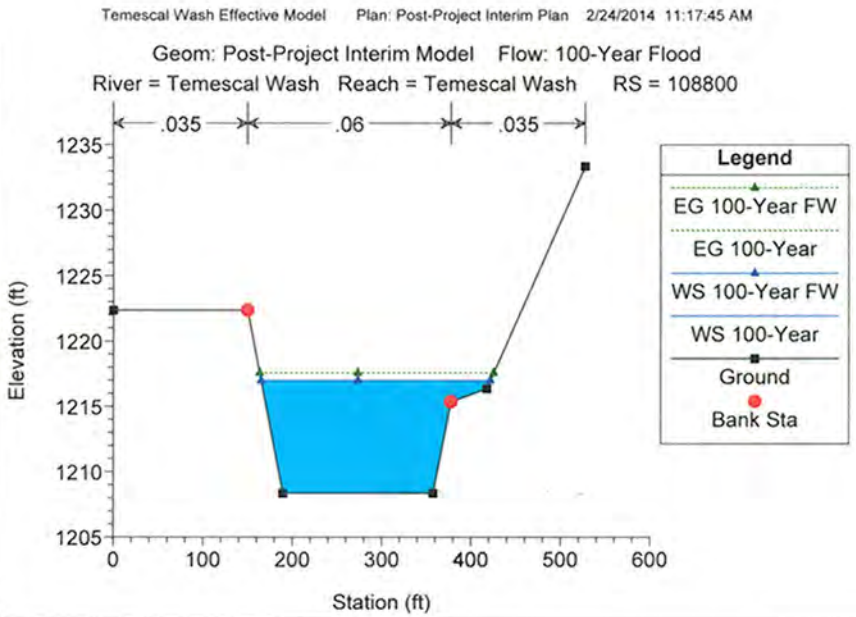

Temescal Wash Effective Model Plan: Post-Project Interim Plan 2/24/2014 11:17:45 AM
Geom: Post-Project Interim Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 110305
.035
.02
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year
EG 100-Year FW
Crit 100-Year
WS 100-Year FW
WS 100-Year
Crit 100-Year FW
Ground
Bank Sta

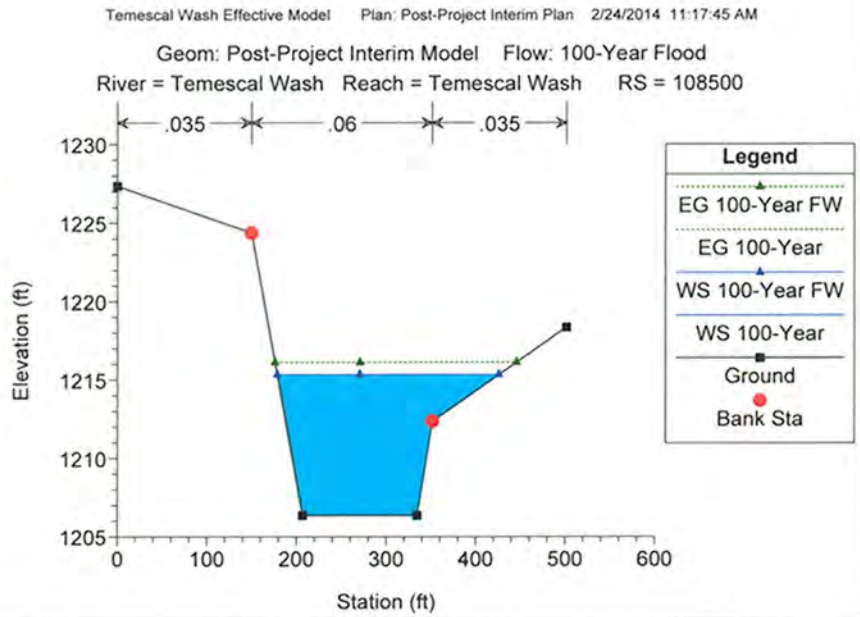

Temescal Wash Effective Model Plan: Post-Project Interim Plan 2/24/2014 11:17:45 AM
Geom: Post-Project Interim Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 110100
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year
EG 100-Year FW
WS 100-Year FW
WS 100-Year
Ground
Bank Sta

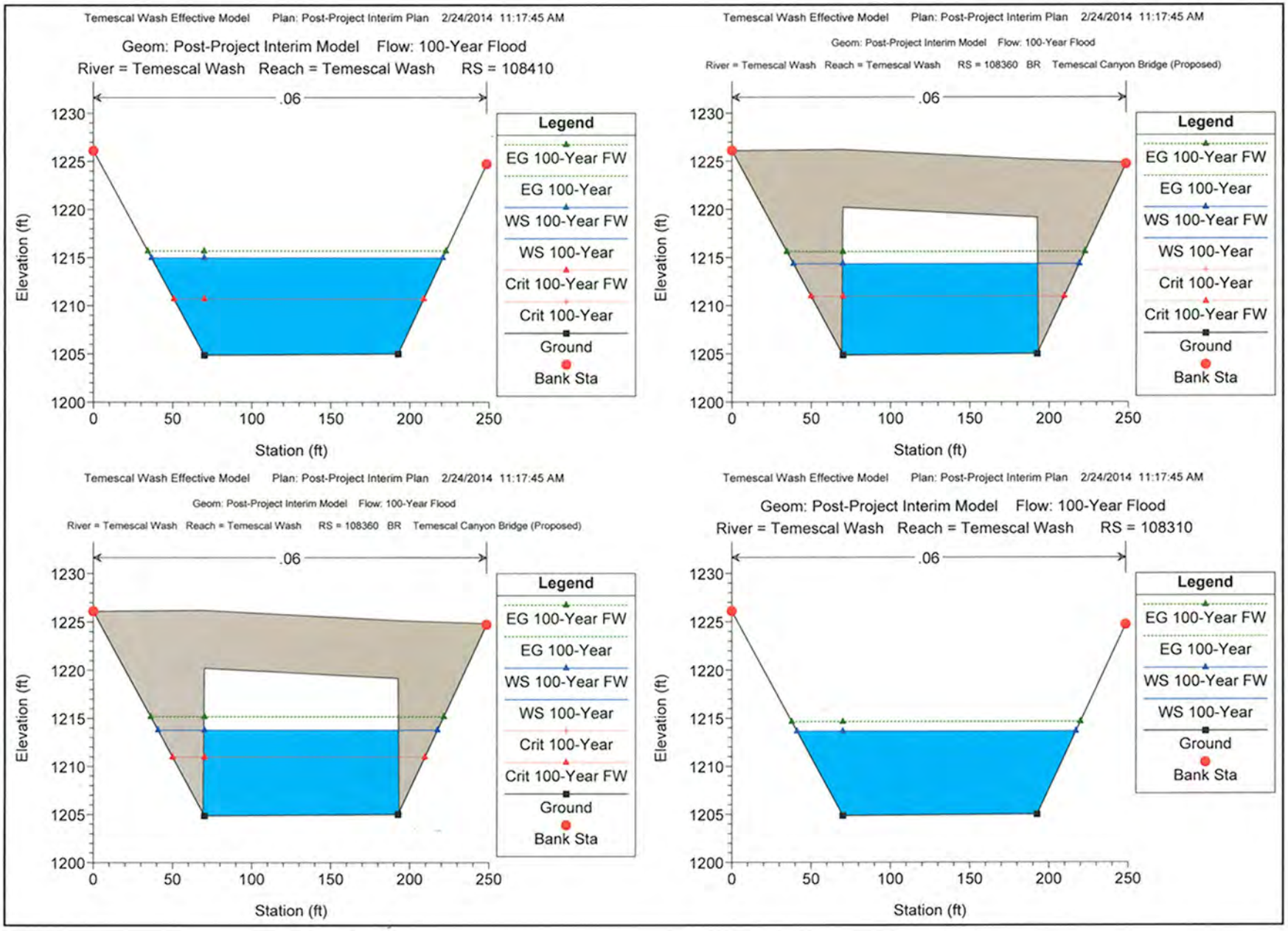

Temescal Wash Effective Model Plan: Post-Project Interim Plan 2/24/2014 11:17:45 AM
Geom: Post-Project Interim Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 109800
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year
EG 100-Year FW
WS 100-Year FW
WS 100-Year
Ground
Bank Sta

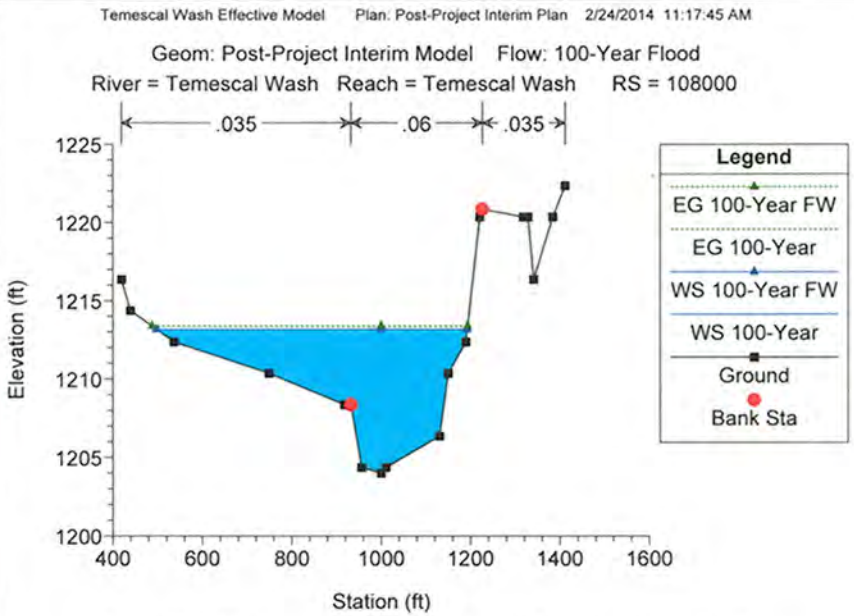

Temescal Wash Effective Model Plan: Post-Project Interim Plan 2/24/2014 11:17:45 AM
Geom: Post-Project Interim Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 109400
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year
EG 100-Year FW
WS 100-Year FW
WS 100-Year
Ground
Bank Sta

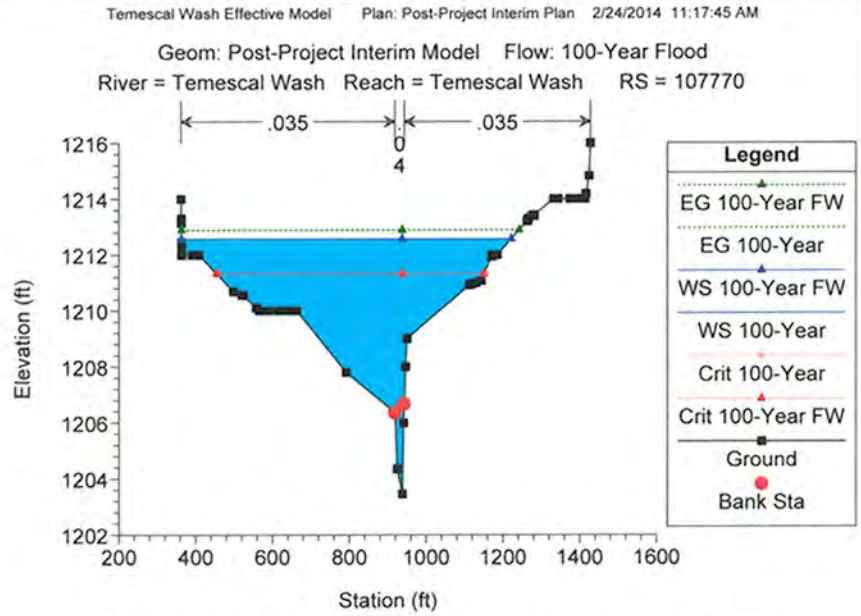

Temescal Wash Effective Model Plan: Post-Project Interim Plan 2/24/2014 11:17:45 AM
Geom: Post-Project Interim Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 109100
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Ground
Bank Sta

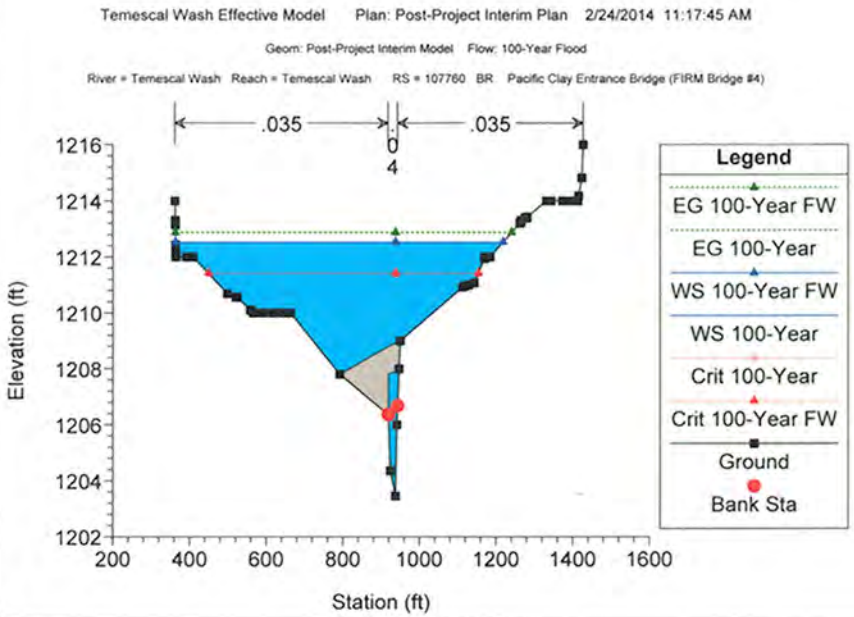

Temescal Wash Effective Model Plan: Post-Project Interim Plan 2/24/2014 11:17:45 AM
Geom: Post-Project Interim Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 108800
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Ground
Bank Sta

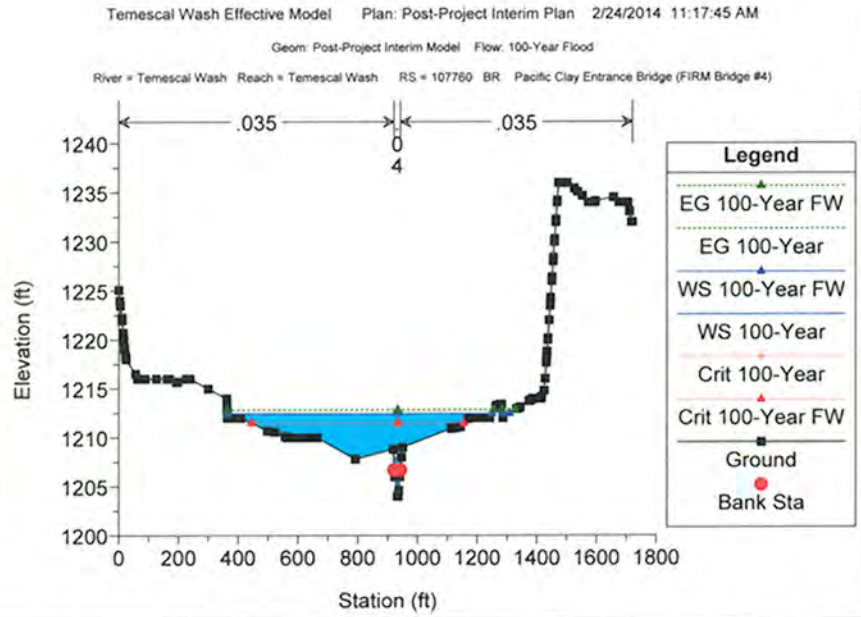

Temescal Wash Effective Model Plan: Post-Project Interim Plan 2/24/2014 11:17:45 AM
Geom: Post-Project Interim Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 108500
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Ground
Bank Sta

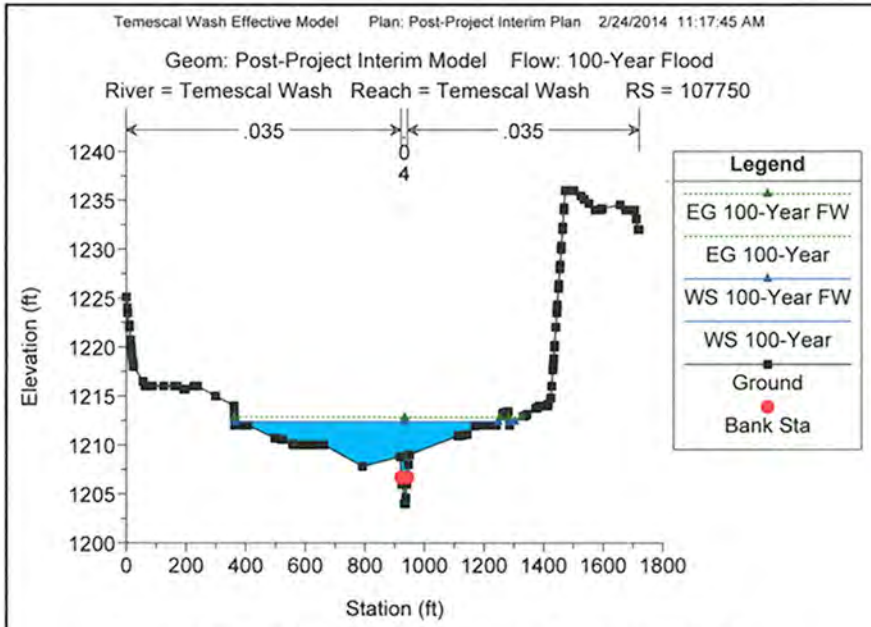

Temescal Wash Effective Model Plan: Post-Project Interim Plan 2/24/2014 11:17:45 AM
Geom: Post-Project Interim Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 108410
.06
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Crit 100-Year FW
Crit 100-Year
Ground
Bank Sta
Temescal Wash Effective Model Plan: Post-Project Interim Plan 2/24/2014 11:17:45 AM
Geom: Post-Project Interim Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 108360 BR Temescal Canyon Bridge (Proposed)
.06
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Crit 100-Year
Crit 100-Year FW
Ground
Bank Sta
Temescal Wash Effective Model Plan: Post-Project Interim Plan 2/24/2014 11:17:45 AM
Geom: Post-Project Interim Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 108360 BR Temescal Canyon Bridge (Proposed)
.06
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Crit 100-Year
Crit 100-Year FW
Ground
Bank Sta
Temescal Wash Effective Model Plan: Post-Project Interim Plan 2/24/2014 11:17:45 AM
Geom: Post-Project Interim Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 108310
.06
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Ground
Bank Sta

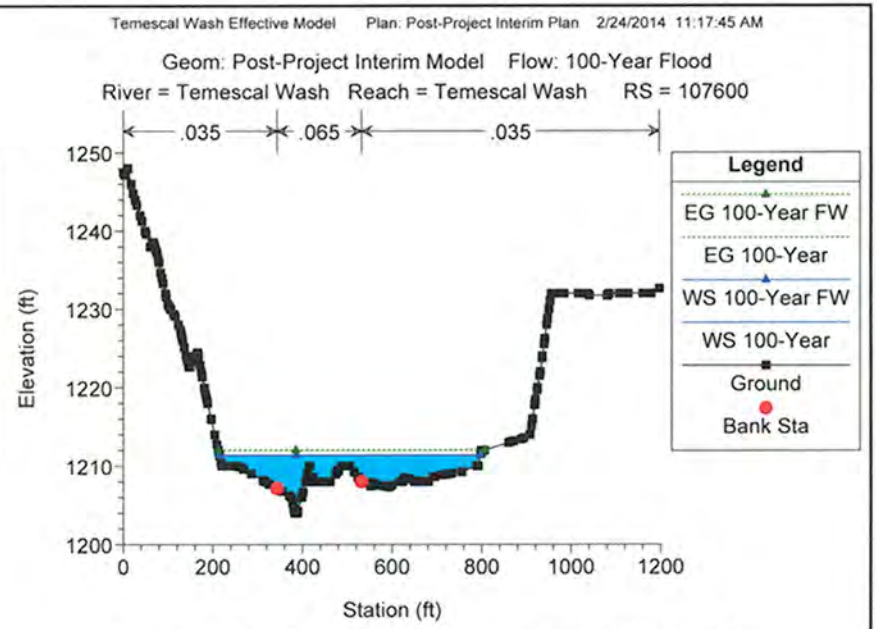

Temescal Wash Effective Model Plan: Post-Project Interim Plan 2/24/2014 11:17:45 AM
Geom: Post-Project Interim Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 108000
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Ground
Bank Sta

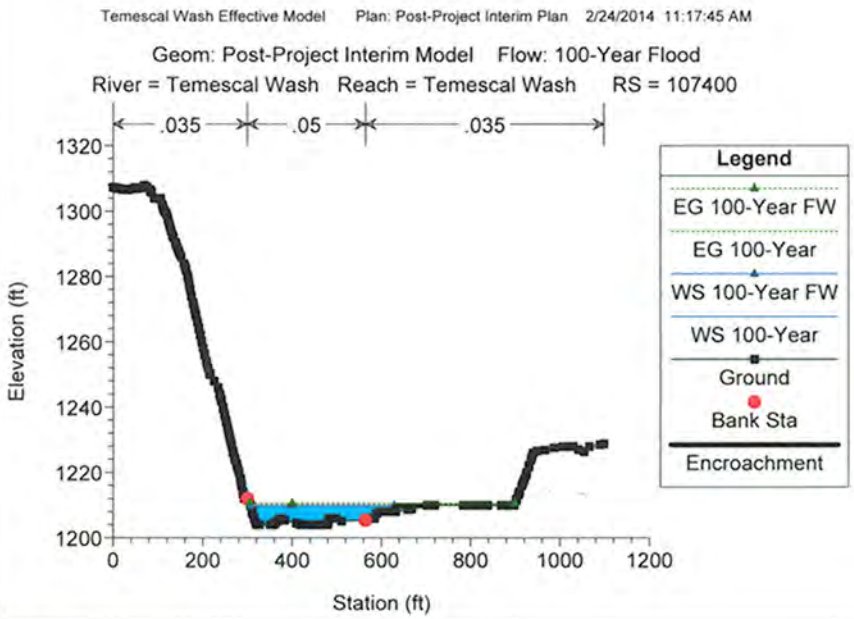

Temescal Wash Effective Model Plan: Post-Project Interim Plan 2/24/2014 11:17:45 AM
Geom: Post-Project Interim Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 107770
.035
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Crit 100-Year
Crit 100-Year FW
Ground
Bank Sta

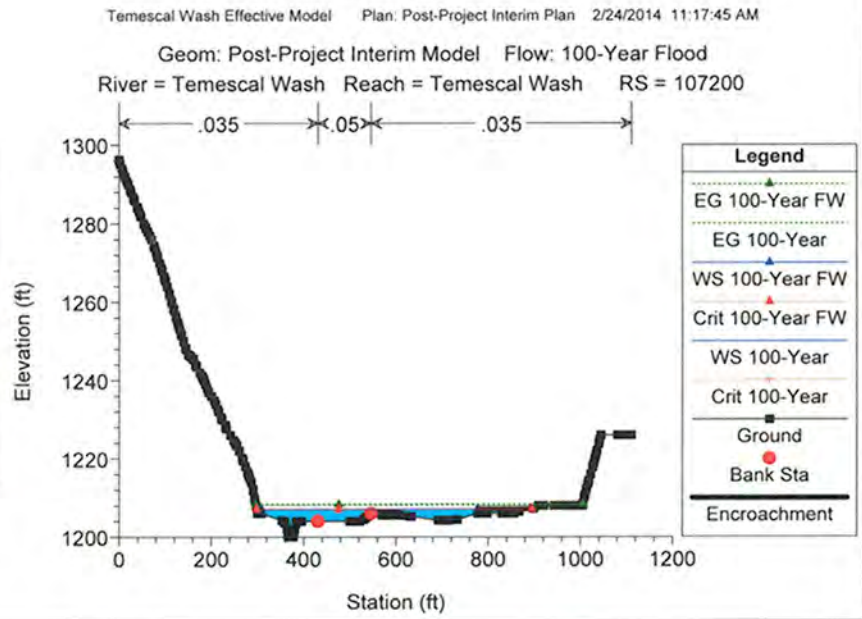

Temescal Wash Effective Model Plan: Post-Project Interim Plan 2/24/2014 11:17:45 AM
Geom: Post-Project Interim Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 107760 BR Pacific Clay Entrance Bridge (FIRM Bridge #4)
.035
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Crit 100-Year
Crit 100-Year FW
Ground
Bank Sta

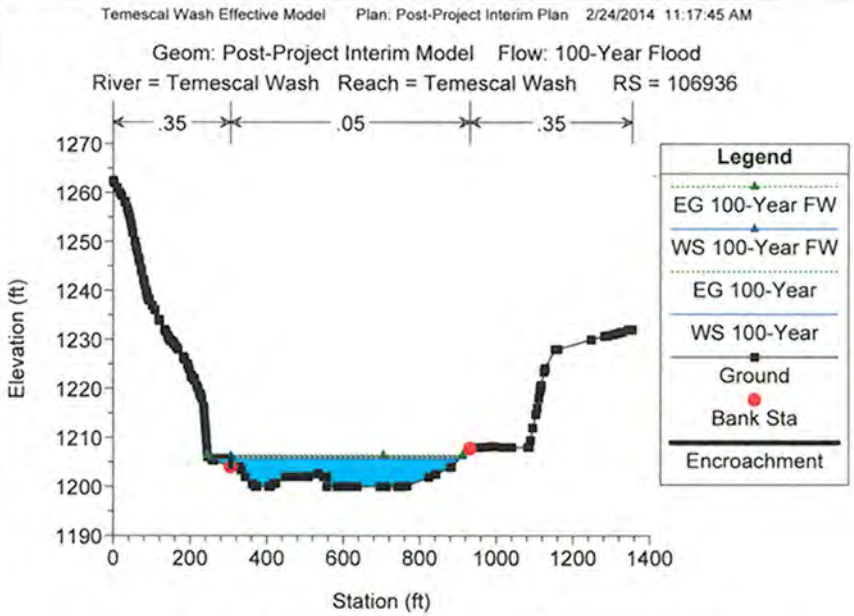

Temescal Wash Effective Model Plan: Post-Project Interim Plan 2/24/2014 11:17:45 AM
Geom: Post-Project Interim Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 107760 BR Pacific Clay Entrance Bridge (FIRM Bridge #4)
.035
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Crit 100-Year
Crit 100-Year FW
Ground
Bank Sta

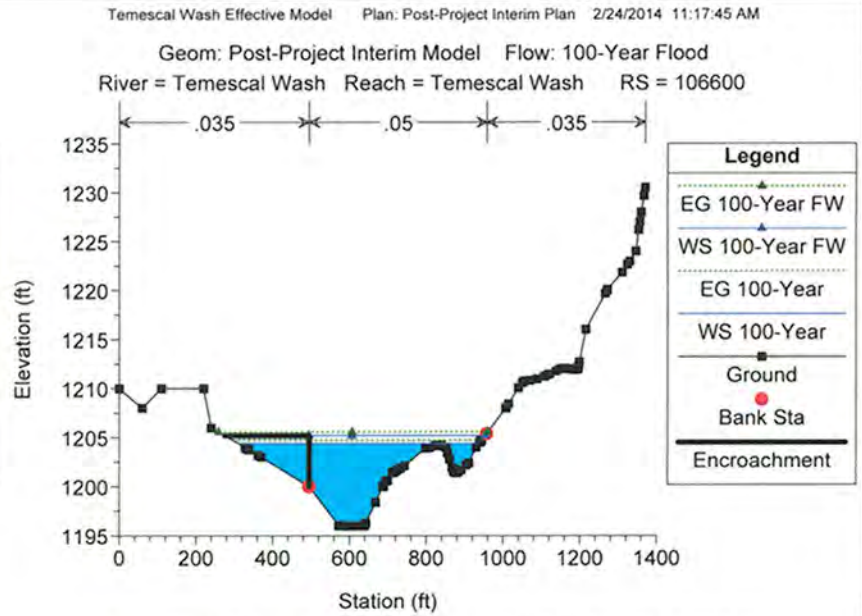

Temescal Wash Effective Model Plan: Post-Project Interim Plan 2/24/2014 11:17:45 AM
Geom: Post-Project Interim Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 107750
.035
.035
0
4
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Ground
Bank Sta

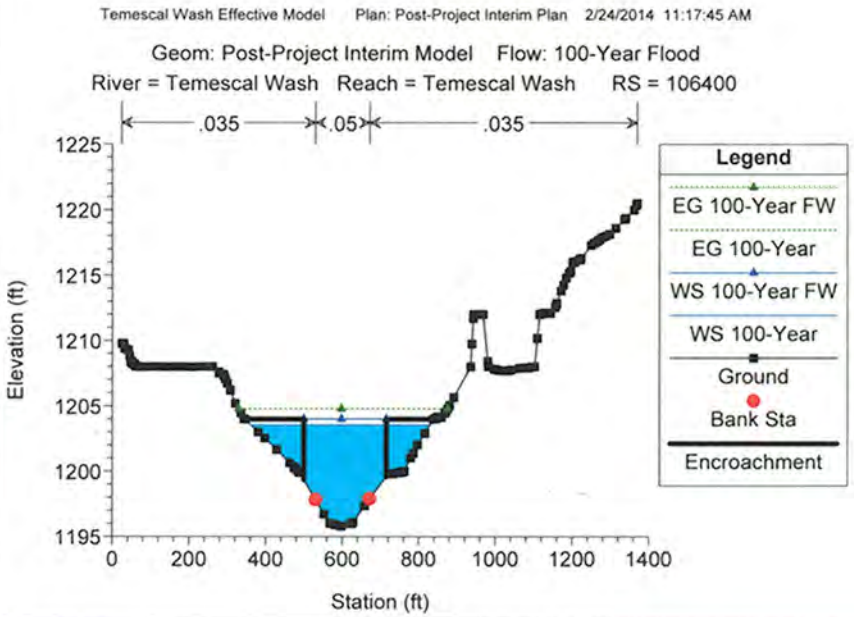

Temescal Wash Effective Model Plan: Post-Project Interim Plan 2/24/2014 11:17:45 AM
Geom: Post-Project Interim Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 107600
.035
.065
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Ground
Bank Sta

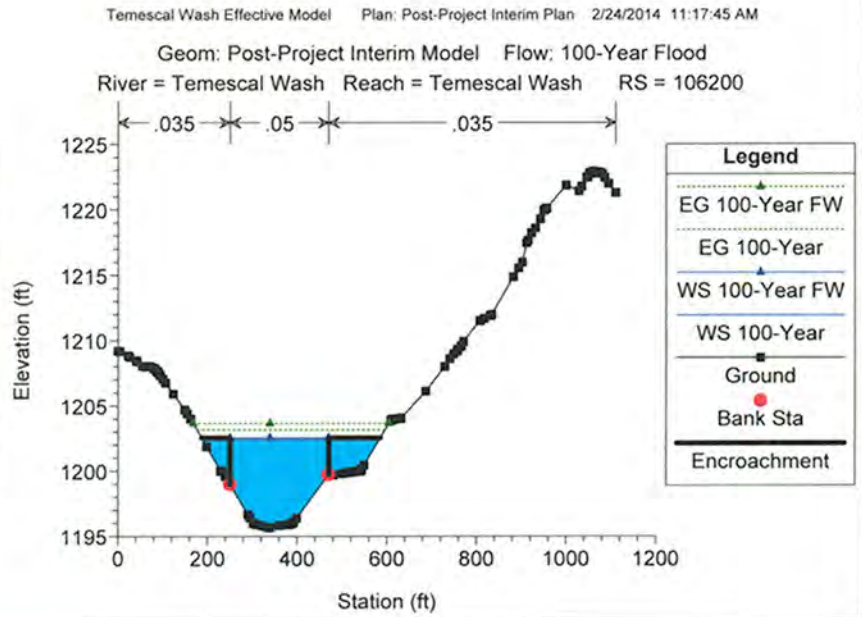

Temescal Wash Effective Model Plan: Post-Project Interim Plan 2/24/2014 11:17:45 AM
Geom: Post-Project Interim Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 107400
.035
.05
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Ground
Bank Sta
Encroachment


Temescal Wash Effective Model Plan: Post-Project Interim Plan 2/24/2014 11:17:45 AM
Geom: Post-Project Interim Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 107200
.035
.05
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
Crit 100-Year FW
WS 100-Year
Crit 100-Year
Ground
Bank Sta
Encroachment


Temescal Wash Effective Model Plan: Post-Project Interim Plan 2/24/2014 11:17:45 AM
Geom: Post-Project Interim Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 106936
.35
.05
.35
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
WS 100-Year FW
EG 100-Year
WS 100-Year
Ground
Bank Sta
Encroachment


Temescal Wash Effective Model Plan: Post-Project Interim Plan 2/24/2014 11:17:45 AM
Geom: Post-Project Interim Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 106600
.035
.05
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
WS 100-Year FW
EG 100-Year
WS 100-Year
Ground
Bank Sta
Encroachment

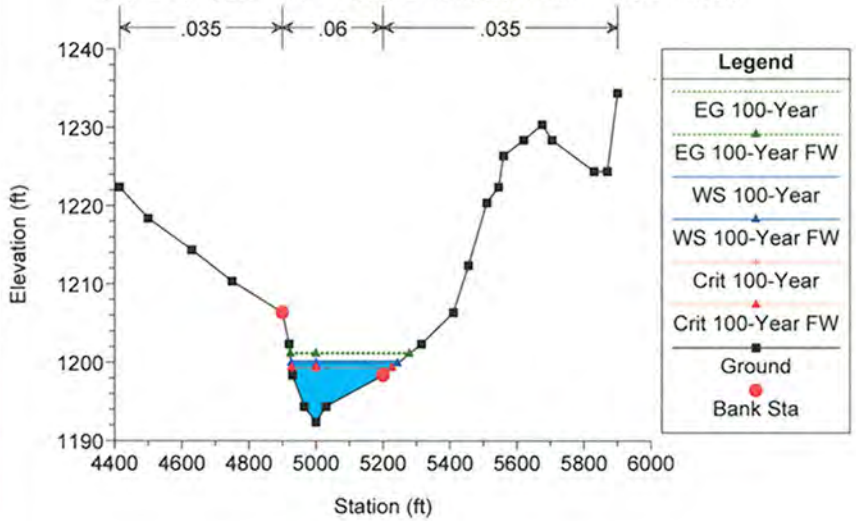

Temescal Wash Effective Model Plan: Post-Project Interim Plan 2/24/2014 11:17:45 AM
Geom: Post-Project Interim Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 106400
.035
.05
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Ground
Bank Sta
Encroachment


Temescal Wash Effective Model Plan: Post-Project Interim Plan 2/24/2014 11:17:45 AM
Geom: Post-Project Interim Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 106200
.035
.05
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Ground
Bank Sta
Encroachment

Temescal Wash Effective Model Plan: Post-Project Interim Plan 2/24/2014 11:17:45 AM

Geom: Post-Project Interim Model Flow: 100-Year Flood

River = Temescal Wash Reach = Temescal Wash RS = 105986



# ULTIMATE CONDITION

HEC-RAS Plan: Plan 05 River: Temescal Wash Reach: Temescal Wash

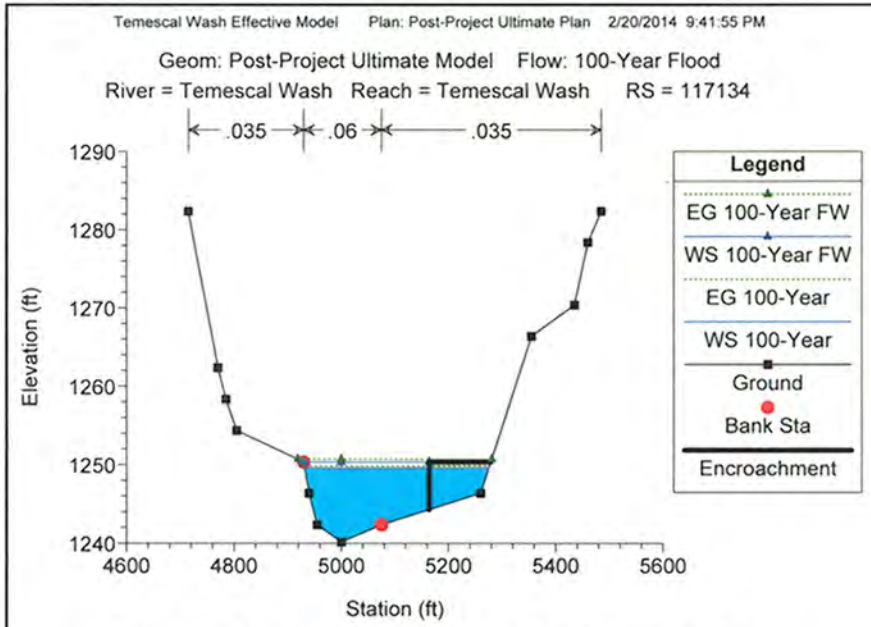
| Reach | River Sta | Profile | Q Total | Min Ch El | W.S. Elev | Crit W.S. | E.G. Elev | E.G. Slope | Vel Chnl | Flow Area | Top Width | Froude # Chl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | (cfs) | (ft) | (ft) | (ft) | (ft) | (ft/ft) | (ft/s) | (sq ft) | (ft) | |
| Temescal Wash | 117134 | 100-Year | 8300.00 | 1240.16 | 1249.55 | | 1249.81 | 0.001374 | 3.53 | 2069.46 | 343.12 | 0.23 |
| Temescal Wash | 117134 | 100-Year FW | 8300.00 | 1240.16 | 1250.35 | | 1250.71 | 0.001503 | 3.91 | 1825.45 | 233.73 | 0.24 |
| | | | | | | | | | | | | |
| Temescal Wash | 116134 | 100-Year | 8300.00 | 1235.86 | 1244.70 | 1244.45 | 1246.16 | 0.022650 | 9.88 | 865.31 | 252.78 | 0.83 |
| Temescal Wash | 116134 | 100-Year FW | 8300.00 | 1235.86 | 1244.40 | 1244.35 | 1246.44 | 0.033906 | 11.46 | 723.96 | 176.53 | 1.00 |
| | | | | | | | | | | | | |
| Temescal Wash | 115284 | 100-Year | 8300.00 | 1231.86 | 1240.59 | | 1240.85 | 0.002614 | 4.07 | 2038.60 | 352.31 | 0.30 |
| Temescal Wash | 115284 | 100-Year FW | 8300.00 | 1231.86 | 1240.92 | | 1241.15 | 0.002199 | 3.85 | 2155.26 | 355.61 | 0.28 |
| | | | | | | | | | | | | |
| Temescal Wash | 115184 | 100-Year | 8300.00 | 1231.46 | 1240.39 | | 1240.63 | 0.001752 | 3.84 | 2100.34 | 365.28 | 0.25 |
| Temescal Wash | 115184 | 100-Year FW | 8300.00 | 1231.46 | 1240.50 | | 1240.89 | 0.002812 | 4.91 | 1667.00 | 232.73 | 0.32 |
| | | | | | | | | | | | | |
| Temescal Wash | 113184 | 100-Year | 8300.00 | 1226.00 | 1239.03 | | 1239.12 | 0.000395 | 2.51 | 3476.11 | 463.00 | 0.13 |
| Temescal Wash | 113184 | 100-Year FW | 8300.00 | 1226.00 | 1239.03 | | 1239.12 | 0.000395 | 2.51 | 3476.11 | 463.00 | 0.13 |
| | | | | | | | | | | | | |
| Temescal Wash | 112900 | 100-Year | 8300.00 | 1224.97 | 1238.89 | 1229.73 | 1239.01 | 0.000388 | 2.63 | 3113.21 | 430.62 | 0.13 |
| Temescal Wash | 112900 | 100-Year FW | 8300.00 | 1224.97 | 1238.89 | 1229.73 | 1239.01 | 0.000388 | 2.63 | 3113.21 | 430.62 | 0.13 |
| | | | | | | | | | | | | |
| Temescal Wash | 112600 | 100-Year | 8300.00 | 1224.00 | 1238.87 | 1232.18 | 1238.94 | 0.000112 | 1.87 | 3890.97 | 333.82 | 0.10 |
| Temescal Wash | 112600 | 100-Year FW | 8300.00 | 1224.00 | 1238.87 | 1232.18 | 1238.94 | 0.000112 | 1.87 | 3890.97 | 333.82 | 0.10 |
| | | | | | | | | | | | | |
| Temescal Wash | 112300 | 100-Year | 8300.00 | 1224.00 | 1237.78 | 1232.66 | 1238.75 | 0.004733 | 7.89 | 1051.61 | 333.29 | 0.43 |
| Temescal Wash | 112300 | 100-Year FW | 8300.00 | 1224.00 | 1237.78 | 1232.66 | 1238.75 | 0.004733 | 7.89 | 1051.61 | 333.29 | 0.43 |
| | | | | | | | | | | | | |
| Temescal Wash | 112034 | 100-Year | 8300.00 | 1224.00 | 1235.77 | 1231.96 | 1237.13 | 0.007701 | 9.34 | 888.73 | 312.90 | 0.53 |
| Temescal Wash | 112034 | 100-Year FW | 8300.00 | 1224.00 | 1235.77 | 1231.96 | 1237.13 | 0.007701 | 9.34 | 888.73 | 312.90 | 0.53 |
| | | | | | | | | | | | | |
| Temescal Wash | 111634 | 100-Year | 8300.00 | 1222.00 | 1233.91 | 1229.77 | 1234.98 | 0.006186 | 8.29 | 1001.63 | 286.37 | 0.48 |
| Temescal Wash | 111634 | 100-Year FW | 8300.00 | 1222.00 | 1233.91 | 1229.77 | 1234.98 | 0.006186 | 8.29 | 1001.63 | 286.37 | 0.48 |
| | | | | | | | | | | | | |
| Temescal Wash | 111334 | 100-Year | 8300.00 | 1220.00 | 1231.35 | 1228.37 | 1232.73 | 0.009009 | 9.40 | 883.44 | 276.72 | 0.57 |
| Temescal Wash | 111334 | 100-Year FW | 8300.00 | 1220.00 | 1231.35 | 1228.37 | 1232.73 | 0.009009 | 9.40 | 883.44 | 276.72 | 0.57 |
| | | | | | | | | | | | | |
| Temescal Wash | 111034 | 100-Year | 8300.00 | 1220.00 | 1230.29 | | 1230.85 | 0.003643 | 6.60 | 1498.88 | 409.60 | 0.38 |
| Temescal Wash | 111034 | 100-Year FW | 8300.00 | 1220.00 | 1230.29 | | 1230.85 | 0.003643 | 6.60 | 1498.88 | 409.60 | 0.38 |
| | | | | | | | | | | | | |
| Temescal Wash | 110800 | 100-Year | 8300.00 | 1220.00 | 1229.34 | 1226.66 | 1229.89 | 0.004599 | 6.23 | 1431.97 | 328.25 | 0.41 |
| Temescal Wash | 110800 | 100-Year FW | 8300.00 | 1220.00 | 1229.34 | 1226.66 | 1229.89 | 0.004599 | 6.23 | 1431.97 | 328.25 | 0.41 |
| | | | | | | | | | | | | |
| Temescal Wash | 110600 | 100-Year | 10400.00 | 1218.00 | 1226.27 | 1226.27 | 1228.28 | 0.011683 | 11.86 | 972.53 | 333.93 | 0.78 |
| Temescal Wash | 110600 | 100-Year FW | 10400.00 | 1218.00 | 1226.27 | 1226.27 | 1228.28 | 0.011683 | 11.86 | 972.53 | 333.93 | 0.78 |
| | | | | | | | | | | | | |

HEC-RAS Plan: Plan 05 River: Temescal Wash Reach: Temescal Wash (Continued)

| Reach | River Sta | Profile | Q Total | Min Ch El | W.S. Elev | Crit W.S. | E.G. Elev | E.G. Slope | Vel Chnl | Flow Area | Top Width | Froude # Chl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | (cfs) | (ft) | (ft) | (ft) | (ft) | (ft/ft) | (ft/s) | (sq ft) | (ft) | |
| Temescal Wash | 110355 | 100-Year | 10400.00 | 1216.00 | 1224.16 | 1223.19 | 1226.27 | 0.001922 | 11.69 | 911.33 | 144.70 | 0.79 |
| Temescal Wash | 110355 | 100-Year FW | 10400.00 | 1216.00 | 1224.16 | 1223.19 | 1226.27 | 0.001922 | 11.69 | 911.33 | 144.70 | 0.79 |
| | | | | | | | | | | | | |
| Temescal Wash | 110330 | | Bridge | | | | | | | | | |
| | | | | | | | | | | | | |
| Temescal Wash | 110305 | 100-Year | 10400.00 | 1216.00 | 1223.19 | 1223.19 | 1226.08 | 0.003217 | 13.65 | 772.75 | 140.01 | 0.99 |
| Temescal Wash | 110305 | 100-Year FW | 10400.00 | 1216.00 | 1223.19 | 1223.19 | 1226.08 | 0.003217 | 13.65 | 772.75 | 140.01 | 0.99 |
| | | | | | | | | | | | | |
| Temescal Wash | 110100 | 100-Year | 10400.00 | 1214.36 | 1222.32 | | 1222.64 | 0.002548 | 4.65 | 2301.29 | 405.53 | 0.30 |
| Temescal Wash | 110100 | 100-Year FW | 10400.00 | 1214.36 | 1222.32 | | 1222.64 | 0.002548 | 4.65 | 2301.34 | 405.53 | 0.30 |
| | | | | | | | | | | | | |
| Temescal Wash | 109800 | 100-Year | 10400.00 | 1212.11 | 1221.30 | | 1221.76 | 0.003298 | 5.54 | 1937.12 | 325.89 | 0.35 |
| Temescal Wash | 109800 | 100-Year FW | 10400.00 | 1212.11 | 1221.30 | | 1221.76 | 0.003298 | 5.54 | 1937.24 | 325.89 | 0.35 |
| | | | | | | | | | | | | |
| Temescal Wash | 109400 | 100-Year | 10400.00 | 1210.81 | 1220.14 | | 1220.55 | 0.002737 | 5.13 | 2035.16 | 268.57 | 0.32 |
| Temescal Wash | 109400 | 100-Year FW | 10400.00 | 1210.81 | 1220.14 | | 1220.55 | 0.002737 | 5.13 | 2035.26 | 268.58 | 0.32 |
| | | | | | | | | | | | | |
| Temescal Wash | 109100 | 100-Year | 10400.00 | 1209.86 | 1218.45 | | 1219.31 | 0.006285 | 7.44 | 1403.76 | 202.82 | 0.48 |
| Temescal Wash | 109100 | 100-Year FW | 10400.00 | 1209.86 | 1218.45 | | 1219.31 | 0.006283 | 7.44 | 1403.93 | 202.84 | 0.48 |
| | | | | | | | | | | | | |
| Temescal Wash | 108800 | 100-Year | 10400.00 | 1208.00 | 1216.76 | | 1217.53 | 0.005449 | 7.26 | 1512.68 | 284.94 | 0.45 |
| Temescal Wash | 108800 | 100-Year FW | 10400.00 | 1208.00 | 1216.77 | | 1217.53 | 0.005438 | 7.26 | 1513.72 | 284.96 | 0.45 |
| | | | | | | | | | | | | |
| Temescal Wash | 108500 | 100-Year | 10400.00 | 1205.26 | 1215.44 | | 1216.08 | 0.004083 | 6.50 | 1665.81 | 284.78 | 0.39 |
| Temescal Wash | 108500 | 100-Year FW | 10400.00 | 1205.26 | 1215.45 | | 1216.09 | 0.004069 | 6.49 | 1668.14 | 285.03 | 0.39 |
| | | | | | | | | | | | | |
| Temescal Wash | 108410 | 100-Year | 10400.00 | 1204.86 | 1214.98 | 1210.68 | 1215.69 | 0.004459 | 6.74 | 1542.96 | 184.31 | 0.41 |
| Temescal Wash | 108410 | 100-Year FW | 10400.00 | 1204.86 | 1214.99 | 1210.68 | 1215.70 | 0.004445 | 6.73 | 1544.69 | 184.37 | 0.41 |
| | | | | | | | | | | | | |
| Temescal Wash | 108360 | | Bridge | | | | | | | | | |
| | | | | | | | | | | | | |
| Temescal Wash | 108310 | 100-Year | 10400.00 | 1204.86 | 1213.68 | | 1214.66 | 0.007266 | 7.95 | 1308.55 | 176.34 | 0.51 |
| Temescal Wash | 108310 | 100-Year FW | 10400.00 | 1204.86 | 1213.70 | | 1214.68 | 0.007217 | 7.93 | 1311.52 | 176.44 | 0.51 |
| | | | | | | | | | | | | |
| Temescal Wash | 108000 | 100-Year | 10400.00 | 1203.26 | 1211.95 | | 1212.60 | 0.005586 | 6.44 | 1613.83 | 245.71 | 0.44 |
| Temescal Wash | 108000 | 100-Year FW | 10400.00 | 1203.26 | 1212.01 | | 1212.64 | 0.005446 | 6.39 | 1627.01 | 246.02 | 0.44 |
| | | | | | | | | | | | | |
| Temescal Wash | 107760 | 100-Year | 10400.00 | 1202.36 | 1211.59 | | 1211.92 | 0.001287 | 4.60 | 2258.83 | 349.39 | 0.32 |
| Temescal Wash | 107760 | 100-Year FW | 10400.00 | 1202.36 | 1211.65 | | 1211.98 | 0.001247 | 4.56 | 2282.78 | 350.15 | 0.31 |
| | | | | | | | | | | | | |
| Temescal Wash | 107600 | 100-Year | 10400.00 | 1202.36 | 1211.28 | | 1211.60 | 0.003888 | 4.58 | 2270.22 | 391.78 | 0.34 |
| Temescal Wash | 107600 | 100-Year FW | 10400.00 | 1202.36 | 1211.36 | | 1211.67 | 0.003733 | 4.52 | 2301.90 | 393.40 | 0.33 |

HEC-RAS Plan: Plan 05 River: Temescal Wash Reach: Temescal Wash (Continued)

| Reach | River Sta | Profile | Q Total | Min Ch El | W.S. Elev | Crit W.S. | E.G. Elev | E.G. Slope | Vel Chnl | Flow Area | Top Width | Froude # Chl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | (cfs) | (ft) | (ft) | (ft) | (ft) | (ft/ft) | (ft/s) | (sq ft) | (ft) | |
| | | | | | | | | | | | | |
| Temescal Wash | 107400 | 100-Year | 10400.00 | 1204.00 | 1209.76 | | 1210.53 | 0.007131 | 7.23 | 1503.00 | 389.48 | 0.57 |
| Temescal Wash | 107400 | 100-Year FW | 10400.00 | 1204.00 | 1209.86 | | 1210.64 | 0.006818 | 7.16 | 1467.20 | 322.61 | 0.56 |
| | | | | | | | | | | | | |
| Temescal Wash | 107200 | 100-Year | 10400.00 | 1204.00 | 1207.10 | 1207.10 | 1208.20 | 0.013292 | 6.97 | 1312.01 | 593.92 | 0.72 |
| Temescal Wash | 107200 | 100-Year FW | 10400.00 | 1204.00 | 1207.15 | 1207.15 | 1208.39 | 0.013058 | 6.99 | 1220.97 | 468.00 | 0.72 |
| | | | | | | | | | | | | |
| Temescal Wash | 106936 | 100-Year | 10400.00 | 1199.99 | 1205.58 | | 1205.83 | 0.002637 | 4.03 | 2619.47 | 650.06 | 0.34 |
| Temescal Wash | 106936 | 100-Year FW | 10400.00 | 1199.99 | 1206.18 | | 1206.37 | 0.001746 | 3.54 | 2935.93 | 604.83 | 0.28 |
| | | | | | | | | | | | | |
| Temescal Wash | 106600 | 100-Year | 10400.00 | 1195.97 | 1204.39 | | 1204.74 | 0.004024 | 4.79 | 2192.83 | 625.50 | 0.42 |
| Temescal Wash | 106600 | 100-Year FW | 10400.00 | 1195.97 | 1205.20 | | 1205.56 | 0.003418 | 4.83 | 2153.42 | 458.86 | 0.39 |
| | | | | | | | | | | | | |
| Temescal Wash | 106400 | 100-Year | 10400.00 | 1195.80 | 1203.55 | | 1204.03 | 0.003097 | 6.07 | 1915.47 | 468.29 | 0.40 |
| Temescal Wash | 106400 | 100-Year FW | 10400.00 | 1195.80 | 1204.00 | | 1204.79 | 0.003840 | 7.05 | 1455.31 | 215.70 | 0.45 |
| | | | | | | | | | | | | |
| Temescal Wash | 106200 | 100-Year | 10400.00 | 1195.66 | 1202.42 | | 1203.16 | 0.006073 | 7.18 | 1543.11 | 394.18 | 0.54 |
| Temescal Wash | 106200 | 100-Year FW | 10400.00 | 1195.66 | 1202.56 | | 1203.67 | 0.008457 | 8.45 | 1230.92 | 219.88 | 0.63 |
| | | | | | | | | | | | | |
| Temescal Wash | 105986 | 100-Year | 10400.00 | 1192.36 | 1200.18 | 1199.29 | 1201.22 | 0.015115 | 8.26 | 1278.18 | 326.88 | 0.69 |
| Temescal Wash | 105986 | 100-Year FW | 10400.00 | 1192.36 | 1199.87 | 1199.29 | 1201.10 | 0.019385 | 8.94 | 1178.33 | 317.19 | 0.77 |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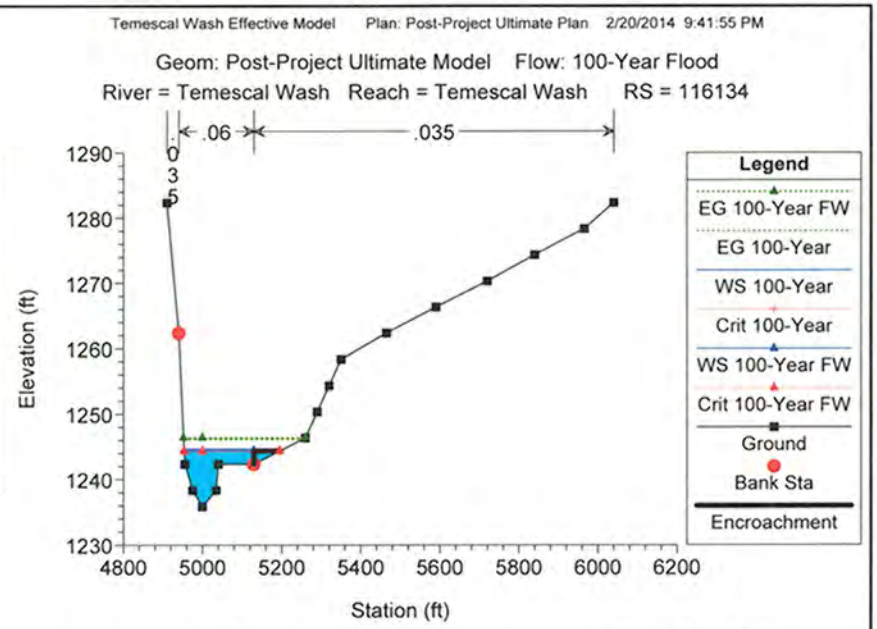
Geom: Post-Project Ultimate Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 117134
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
WS 100-Year FW
EG 100-Year
WS 100-Year
Ground
Bank Sta
Encroachment


Temescal Wash Effective Model Plan: Post-Project Ultimate Plan 2/20/2014 9:41:55 PM
Geom: Post-Project Ultimate Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 116134
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Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
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Crit 100-Year
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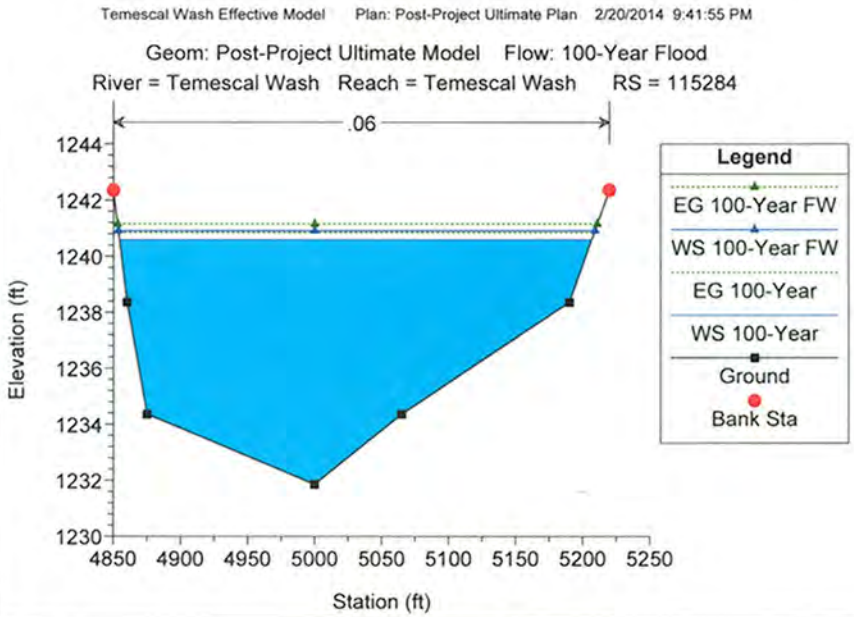
Crit 100-Year FW
Ground
Bank Sta
Encroachment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Geom: Post-Project Ultimate Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 115284
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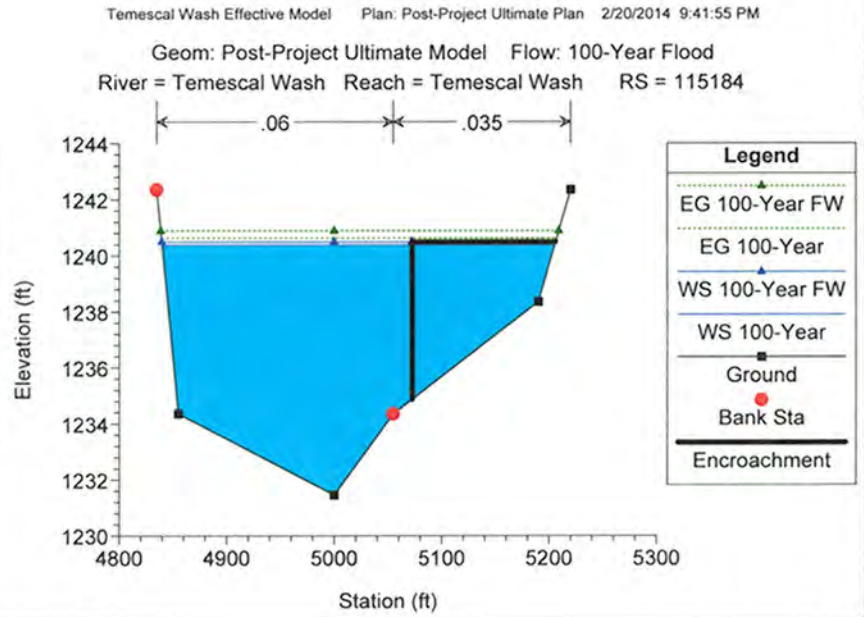
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
WS 100-Year FW
EG 100-Year
WS 100-Year
Ground
Bank Sta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Geom: Post-Project Ultimate Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 115184
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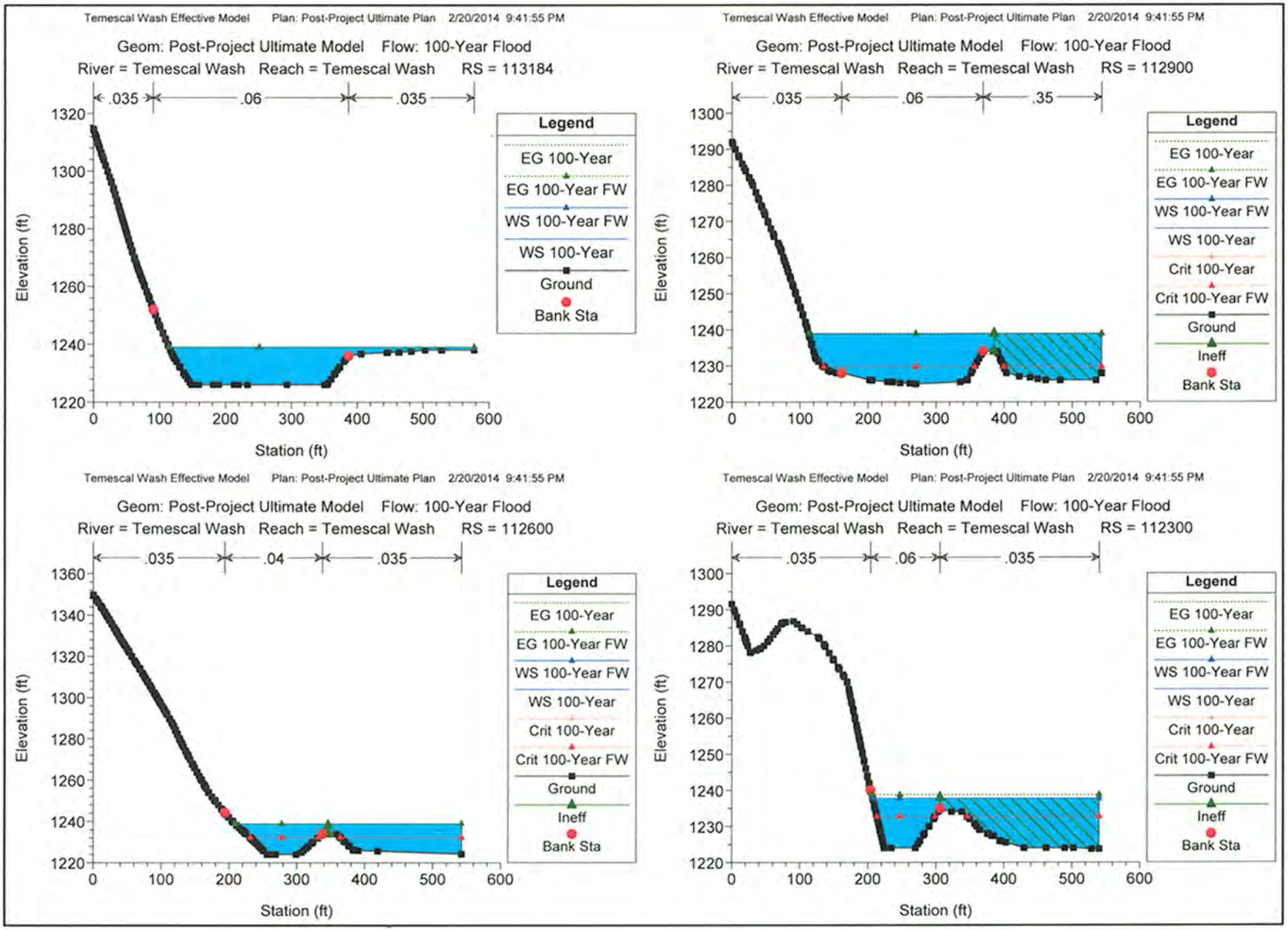
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Ground
Bank Sta
Encroachment


Temescal Wash Effective Model Plan: Post-Project Ultimate Plan 2/20/2014 9:41:55 PM
Geom: Post-Project Ultimate Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 113184
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Legend
EG 100-Year
EG 100-Year FW
WS 100-Year FW
WS 100-Year
Ground
Bank Sta
Elevation (ft)
Station (ft)
Temescal Wash Effective Model Plan: Post-Project Ultimate Plan 2/20/2014 9:41:55 PM
Geom: Post-Project Ultimate Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 112900
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Legend
EG 100-Year
EG 100-Year FW
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Crit 100-Year FW
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Elevation (ft)
Station (ft)
Temescal Wash Effective Model Plan: Post-Project Ultimate Plan 2/20/2014 9:41:55 PM
Geom: Post-Project Ultimate Model Flow: 100-Year Flood
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Legend
EG 100-Year
EG 100-Year FW
WS 100-Year FW
WS 100-Year
Crit 100-Year
Crit 100-Year FW
Ground
Ineff
Bank Sta
Elevation (ft)
Station (ft)
Temescal Wash Effective Model Plan: Post-Project Ultimate Plan 2/20/2014 9:41:55 PM
Geom: Post-Project Ultimate Model Flow: 100-Year Flood
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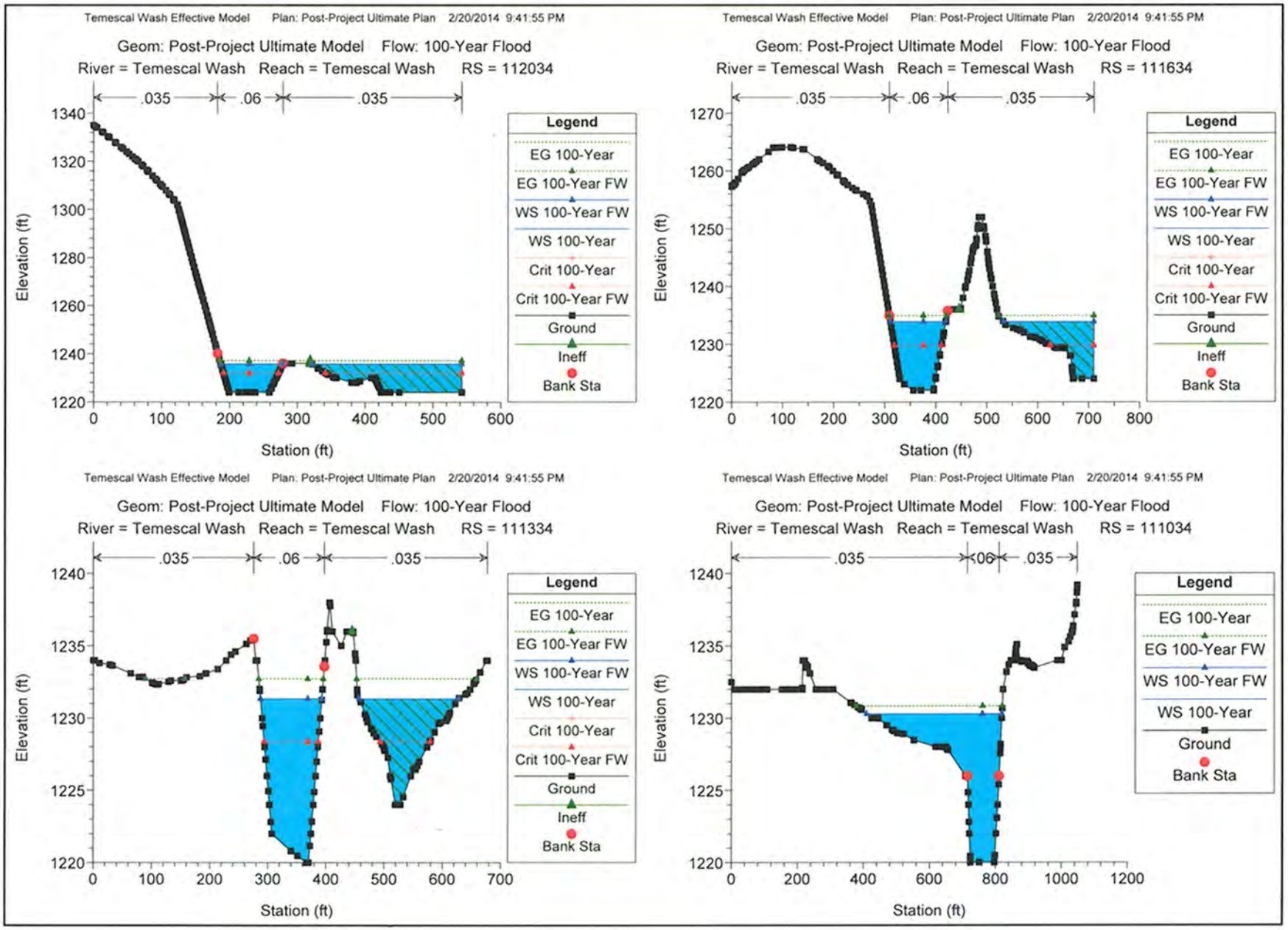
.035
.06
.035
Legend
EG 100-Year
EG 100-Year FW
WS 100-Year FW
WS 100-Year
Crit 100-Year
Crit 100-Year FW
Ground
Ineff
Bank Sta
Elevation (ft)
Station (ft)


Temescal Wash Effective Model Plan: Post-Project Ultimate Plan 2/20/2014 9:41:55 PM
Geom: Post-Project Ultimate Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 112034
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.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year
EG 100-Year FW
WS 100-Year FW
WS 100-Year
Crit 100-Year
Crit 100-Year FW
Ground
Ineff
Bank Sta
Temescal Wash Effective Model Plan: Post-Project Ultimate Plan 2/20/2014 9:41:55 PM
Geom: Post-Project Ultimate Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 111634
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Elevation (ft)
Station (ft)
Legend
EG 100-Year
EG 100-Year FW
WS 100-Year FW
WS 100-Year
Crit 100-Year
Crit 100-Year FW
Ground
Ineff
Bank Sta
Temescal Wash Effective Model Plan: Post-Project Ultimate Plan 2/20/2014 9:41:55 PM
Geom: Post-Project Ultimate Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 111334
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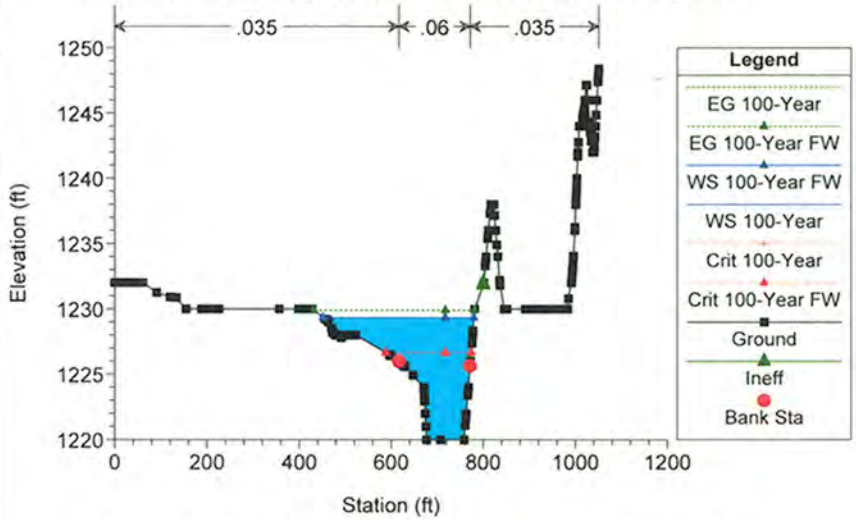
.06
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year
EG 100-Year FW
WS 100-Year FW
WS 100-Year
Crit 100-Year
Crit 100-Year FW
Ground
Ineff
Bank Sta
Temescal Wash Effective Model Plan: Post-Project Ultimate Plan 2/20/2014 9:41:55 PM
Geom: Post-Project Ultimate Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 111034
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year
EG 100-Year FW
WS 100-Year FW
WS 100-Year
Ground
Bank Sta

Temescal Wash Effective Model Plan: Post-Project Ultimate Plan 2/20/2014 9:41:55 PM

Geom: Post-Project Ultimate Model Flow: 100-Year Flood

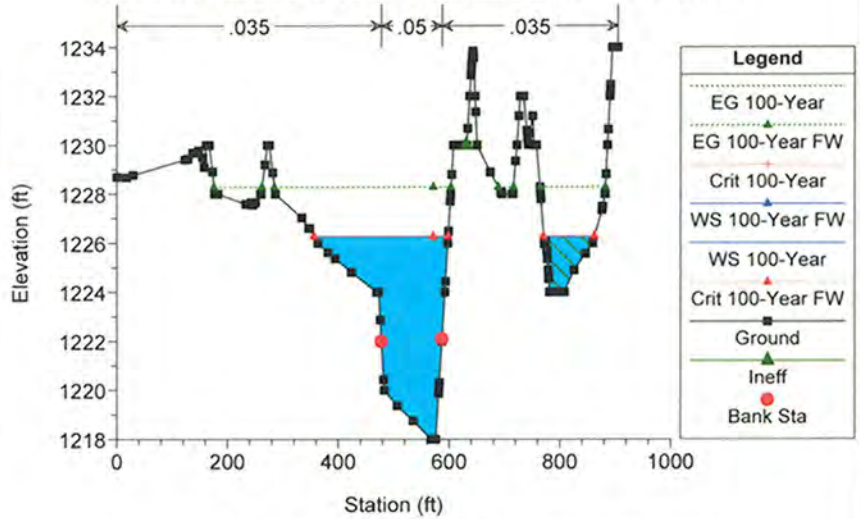
River = Temescal Wash Reach = Temescal Wash RS = 110800




Temescal Wash Effective Model Plan: Post-Project Ultimate Plan 2/20/2014 9:41:55 PM

Geom: Post-Project Ultimate Model Flow: 100-Year Flood

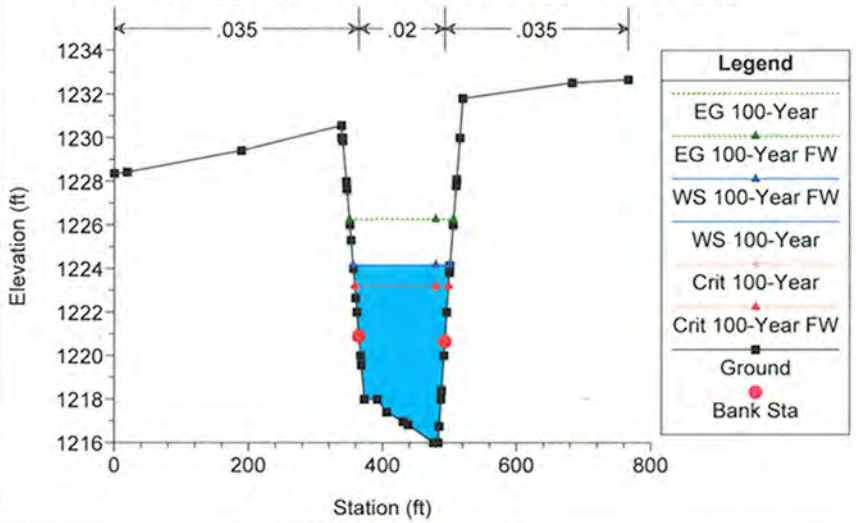
River = Temescal Wash Reach = Temescal Wash RS = 110600




Temescal Wash Effective Model Plan: Post-Project Ultimate Plan 2/20/2014 9:41:55 PM

Geom: Post-Project Ultimate Model Flow: 100-Year Flood

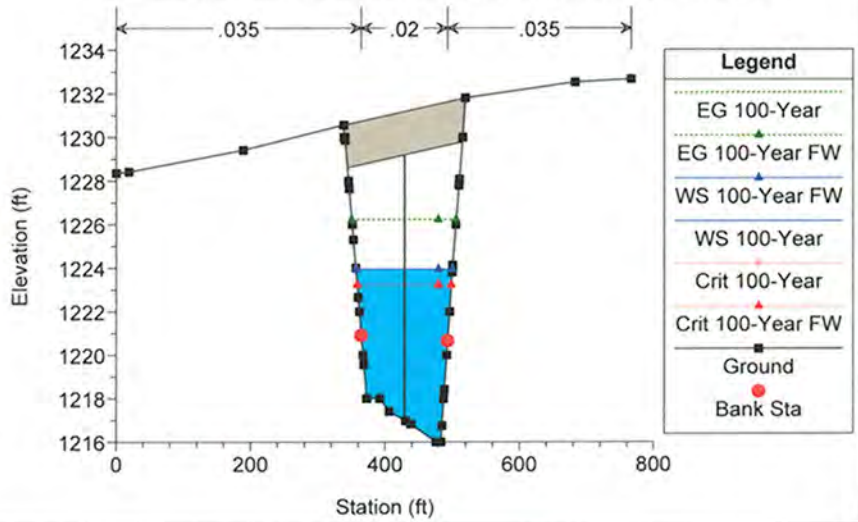
River = Temescal Wash Reach = Temescal Wash RS = 110355

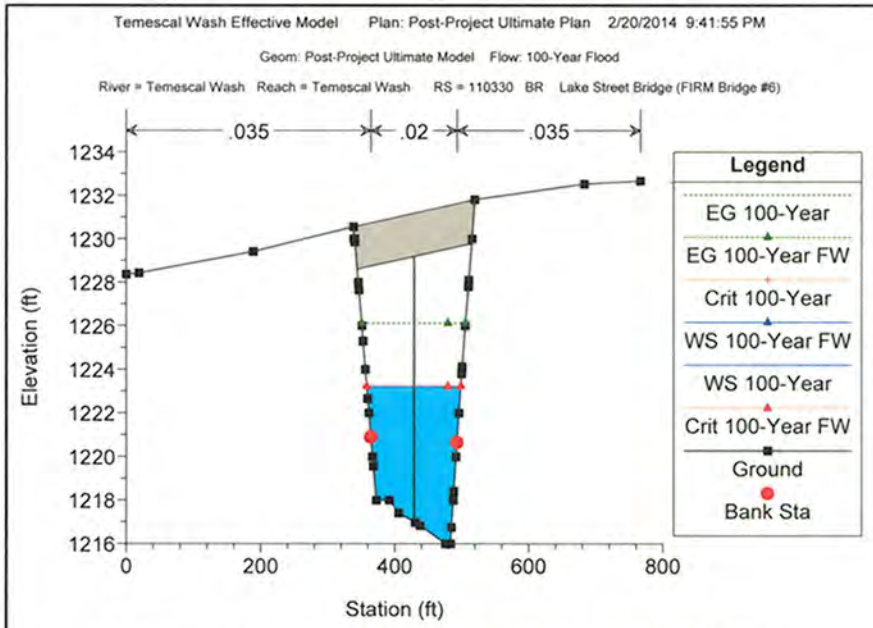


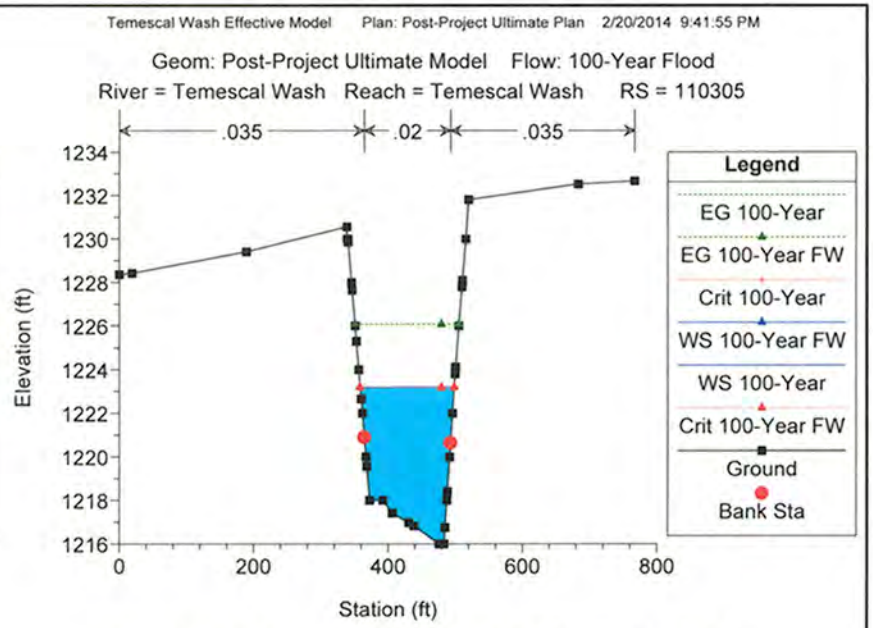

Temescal Wash Effective Model Plan: Post-Project Ultimate Plan 2/20/2014 9:41:55 PM

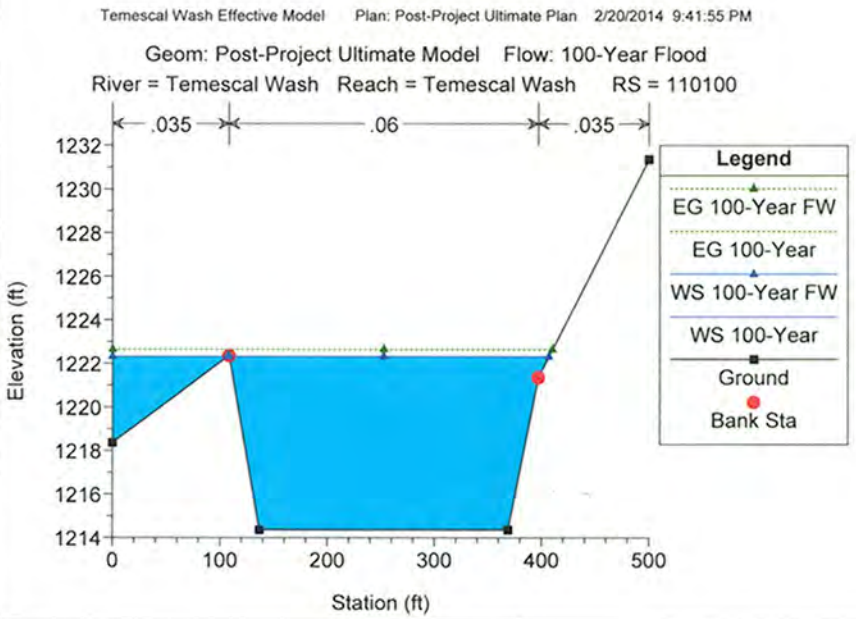
Geom: Post-Project Ultimate Model Flow: 100-Year Flood

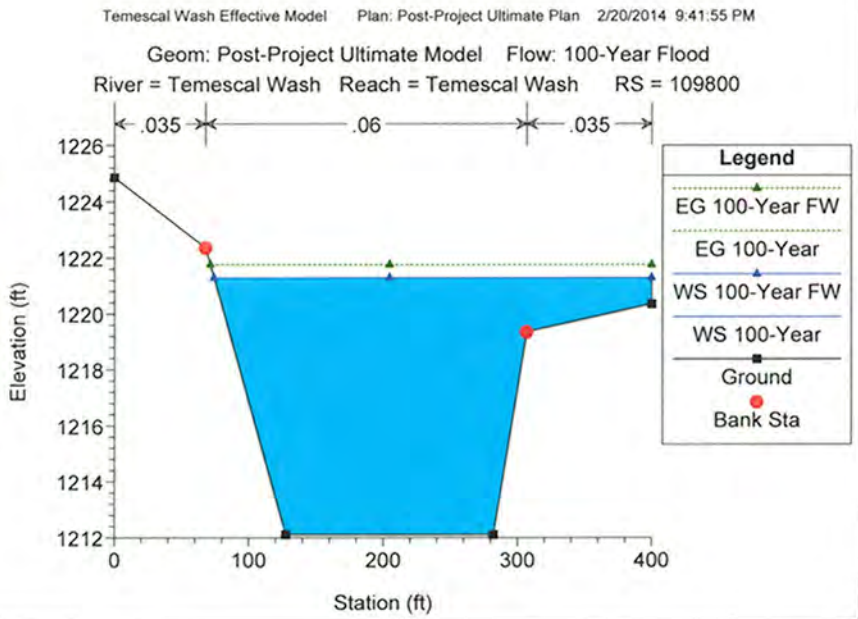
River = Temescal Wash Reach = Temescal Wash RS = 110330 BR Lake Street Bridge (FIRM Bridge #6)




Temescal Wash Effective Model Plan: Post-Project Ultimate Plan 2/20/2014 9:41:55 PM
Geom: Post-Project Ultimate Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 110330 BR Lake Street Bridge (FIRM Bridge #6)
.035
.02
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year
EG 100-Year FW
Crit 100-Year
WS 100-Year FW
WS 100-Year
Crit 100-Year FW
Ground
Bank Sta


Temescal Wash Effective Model Plan: Post-Project Ultimate Plan 2/20/2014 9:41:55 PM
Geom: Post-Project Ultimate Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 110305
.035
.02
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year
EG 100-Year FW
Crit 100-Year
WS 100-Year FW
WS 100-Year
Crit 100-Year FW
Ground
Bank Sta


Temescal Wash Effective Model Plan: Post-Project Ultimate Plan 2/20/2014 9:41:55 PM
Geom: Post-Project Ultimate Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 110100
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Ground
Bank Sta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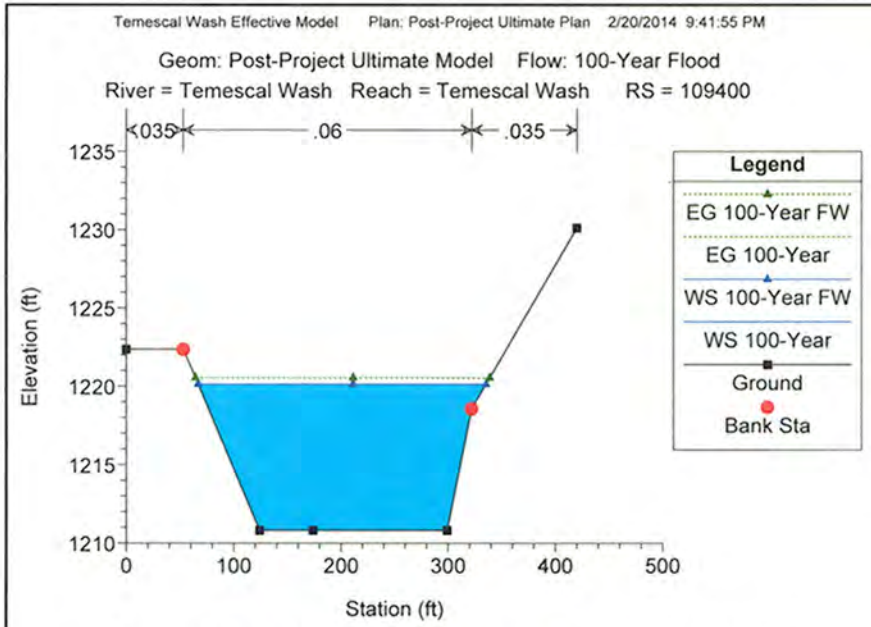
Geom: Post-Project Ultimate Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 109800
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Ground
Bank Sta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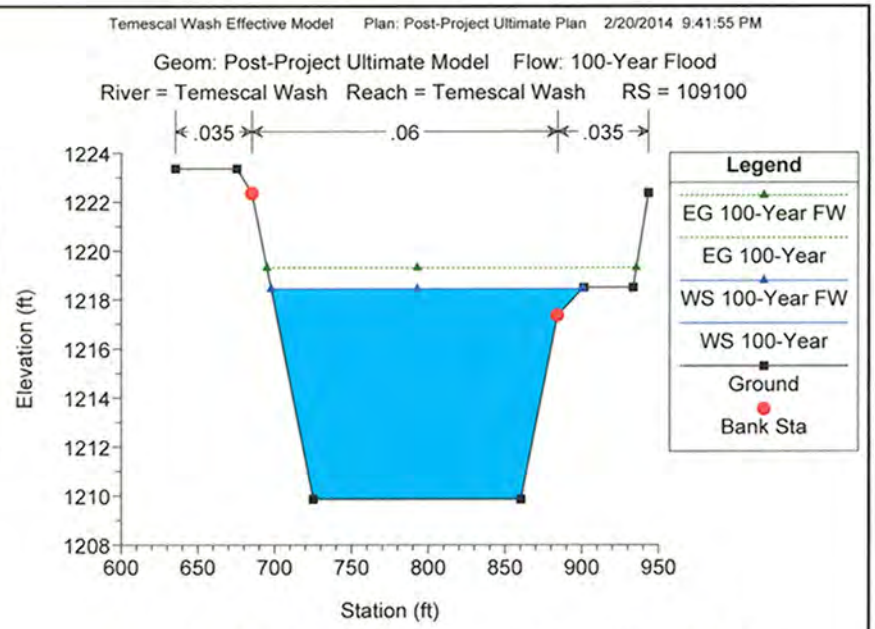
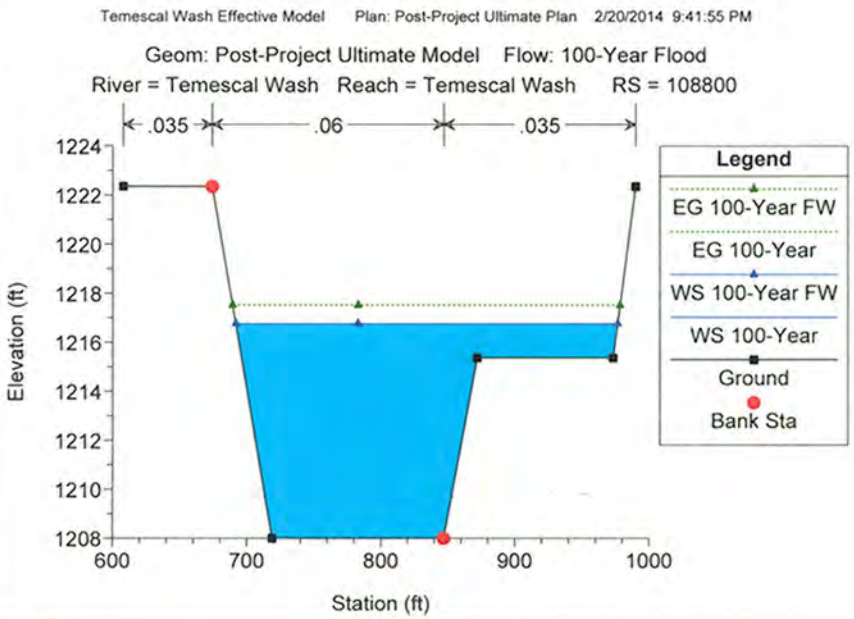
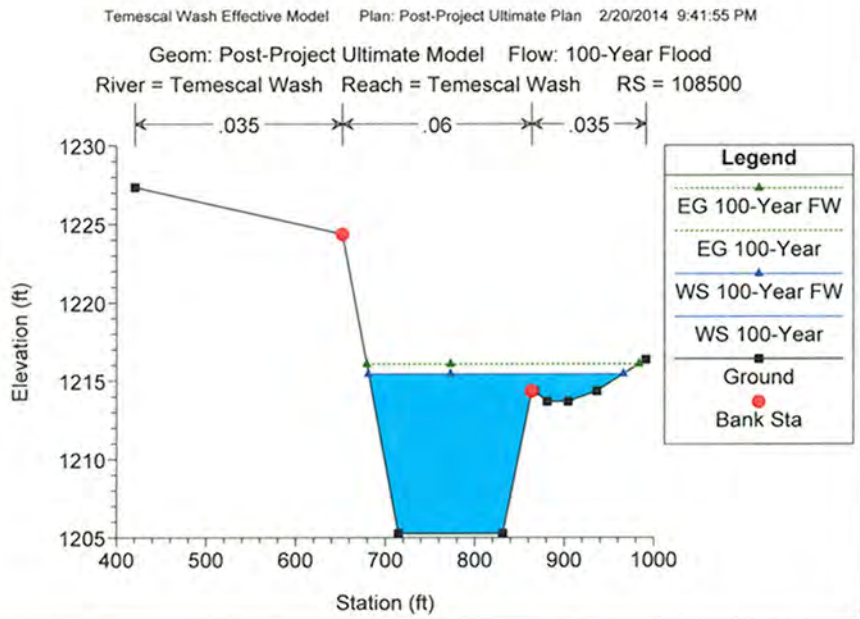
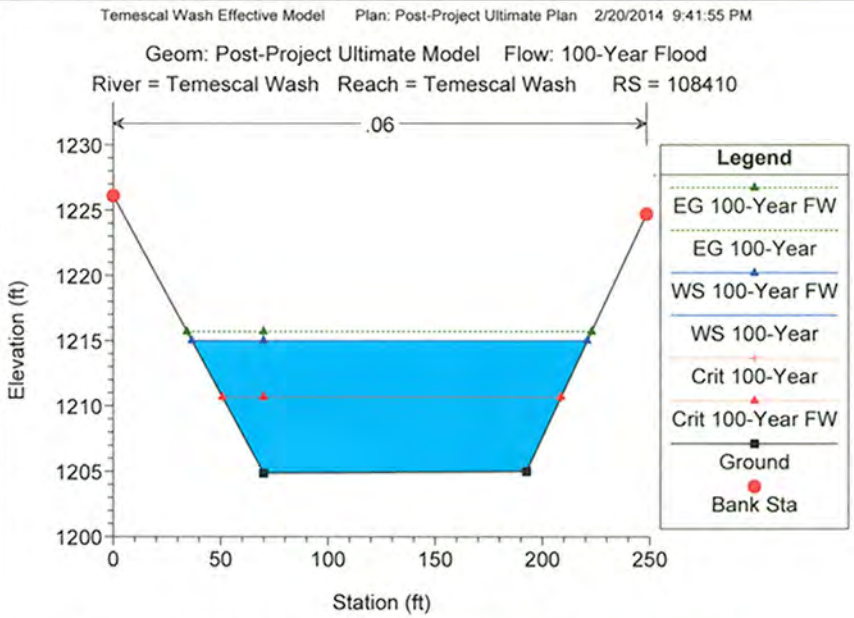
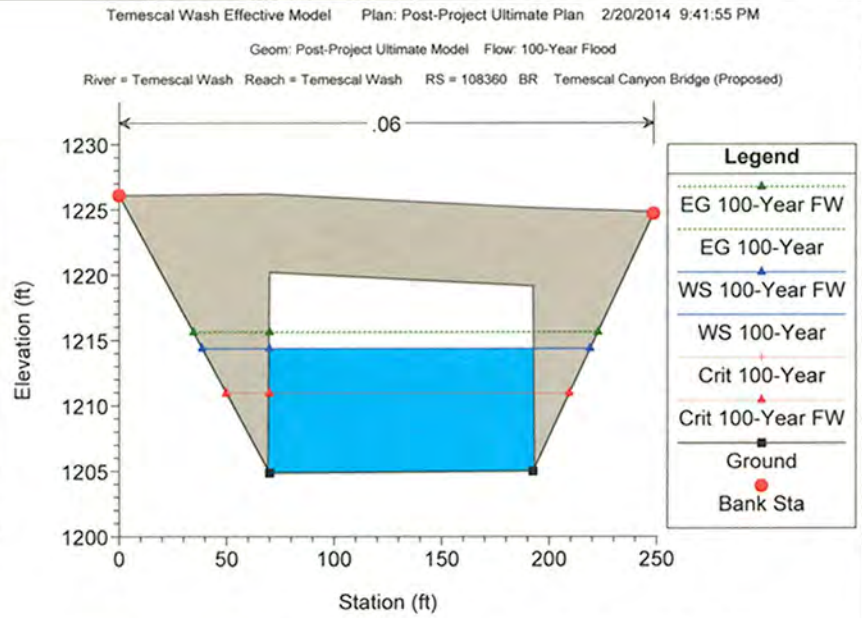
Geom: Post-Project Ultimate Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 109400
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Ground
Bank Sta

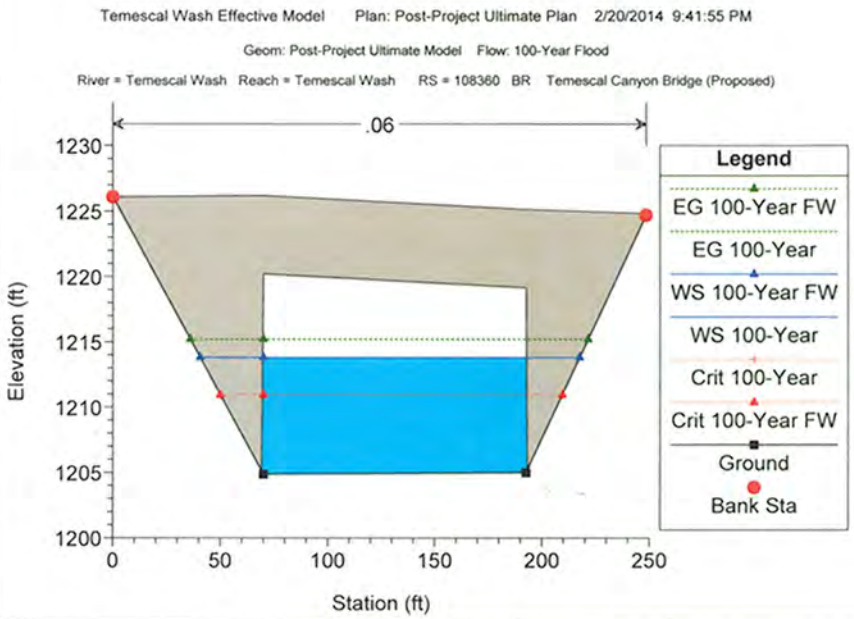

Temescal Wash Effective Model Plan: Post-Project Ultimate Plan 2/20/2014 9:41:55 PM
Geom: Post-Project Ultimate Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 109100
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Ground
Bank Sta

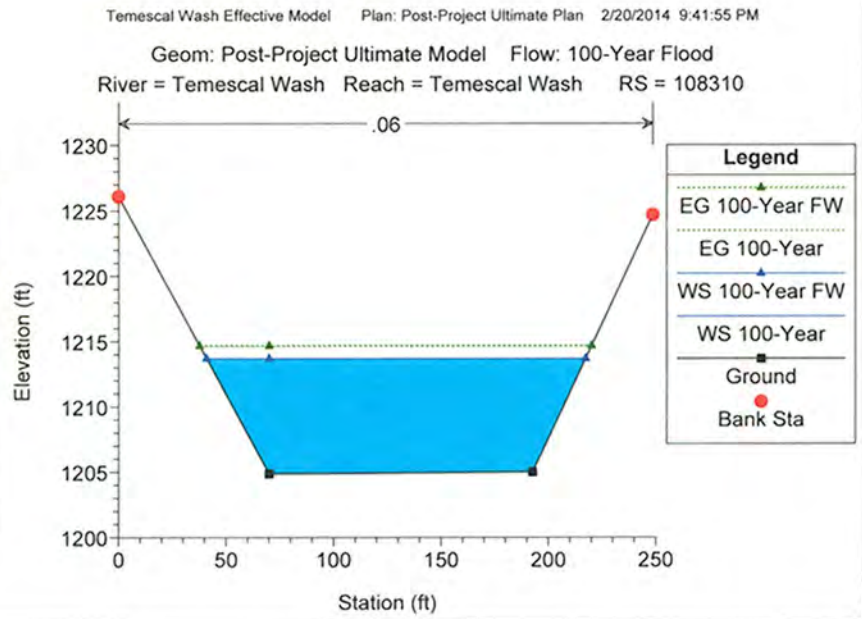

Temescal Wash Effective Model Plan: Post-Project Ultimate Plan 2/20/2014 9:41:55 PM
Geom: Post-Project Ultimate Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 108800
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Ground
Bank Sta

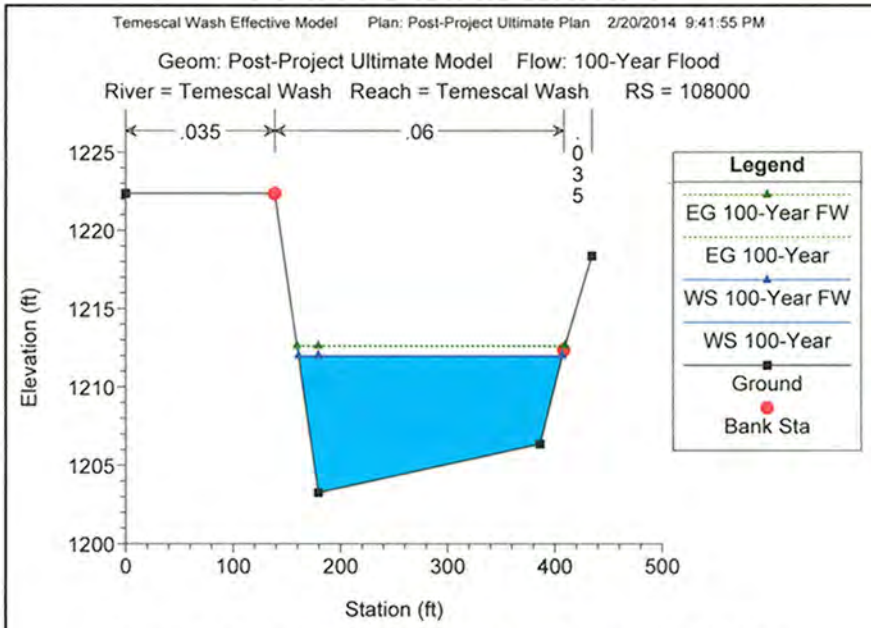

Temescal Wash Effective Model Plan: Post-Project Ultimate Plan 2/20/2014 9:41:55 PM
Geom: Post-Project Ultimate Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 108500
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Ground
Bank Sta


Temescal Wash Effective Model Plan: Post-Project Ultimate Plan 2/20/2014 9:41:55 PM
Geom: Post-Project Ultimate Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 108410
.06
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Crit 100-Year
Crit 100-Year FW
Ground
Bank Sta


Temescal Wash Effective Model Plan: Post-Project Ultimate Plan 2/20/2014 9:41:55 PM
Geom: Post-Project Ultimate Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 108360 BR Temescal Canyon Bridge (Proposed)
.06
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Crit 100-Year
Crit 100-Year FW
Ground
Bank Sta


Temescal Wash Effective Model Plan: Post-Project Ultimate Plan 2/20/2014 9:41:55 PM
Geom: Post-Project Ultimate Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 108360 BR Temescal Canyon Bridge (Proposed)
.06
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Crit 100-Year
Crit 100-Year FW
Ground
Bank Sta


Temescal Wash Effective Model Plan: Post-Project Ultimate Plan 2/20/2014 9:41:55 PM
Geom: Post-Project Ultimate Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 108310
.06
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Ground
Bank Sta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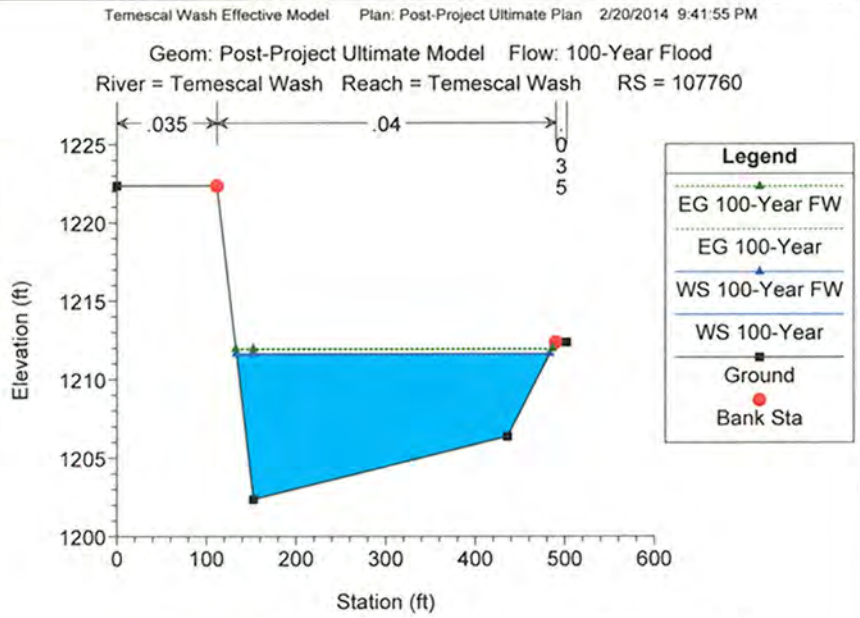
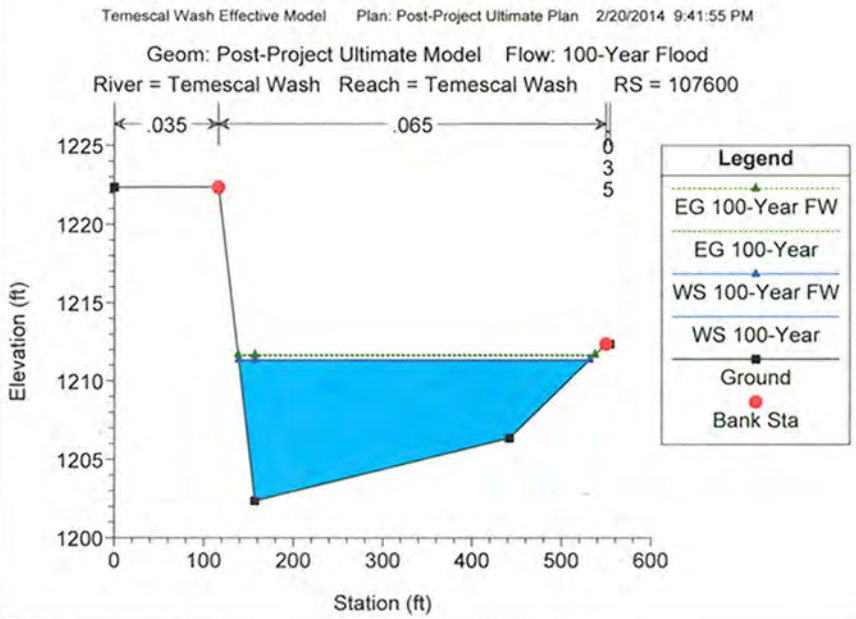
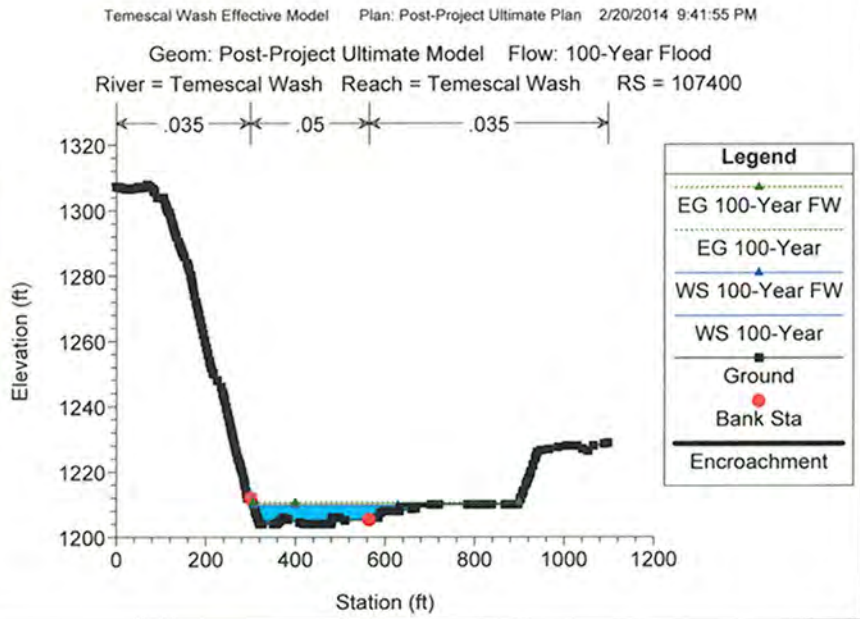
Geom: Post-Project Ultimate Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 108000
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Ground
Bank Sta


Temescal Wash Effective Model Plan: Post-Project Ultimate Plan 2/20/2014 9:41:55 PM
Geom: Post-Project Ultimate Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 107760
.035
.04
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Ground
Bank Sta


Temescal Wash Effective Model Plan: Post-Project Ultimate Plan 2/20/2014 9:41:55 PM
Geom: Post-Project Ultimate Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 107600
.035
.065
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Ground
Bank Sta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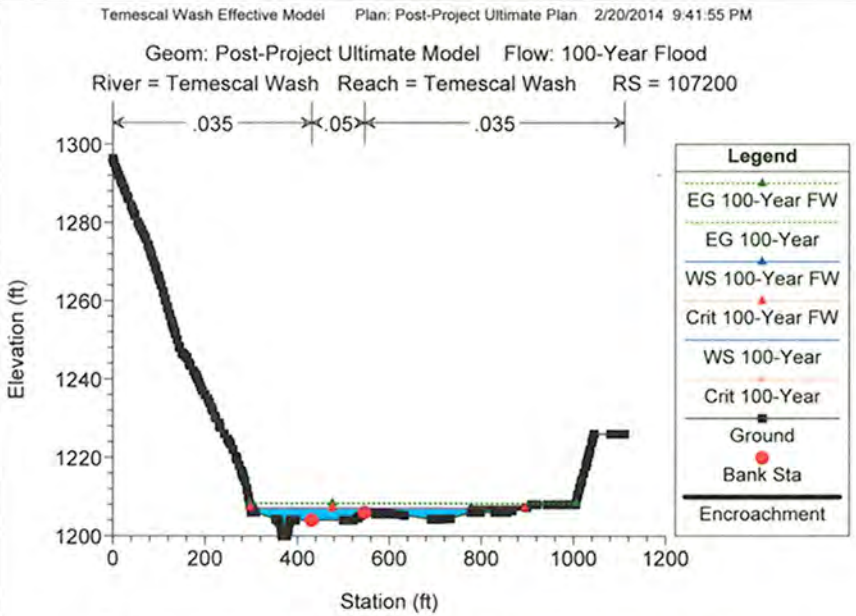
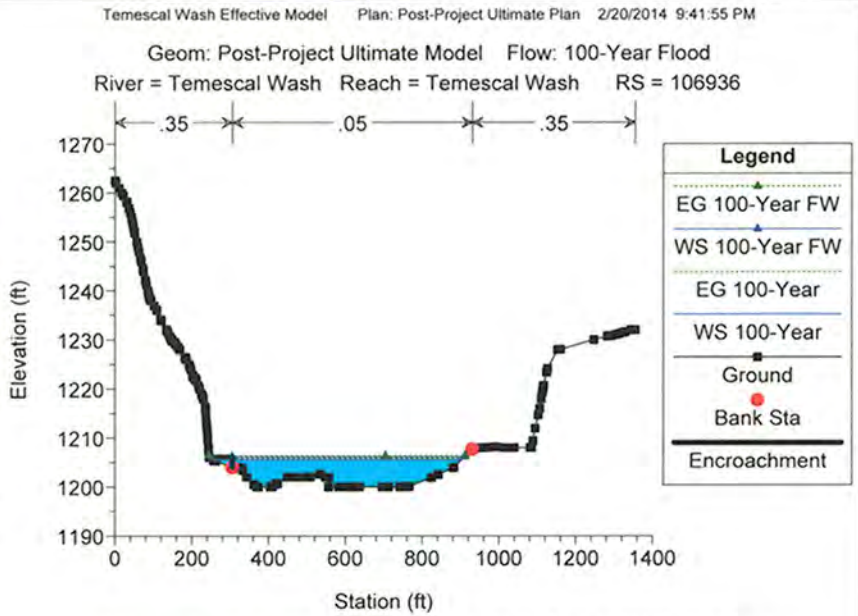
Geom: Post-Project Ultimate Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 107400
.035
.05
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Ground
Bank Sta
Encroachment


Temescal Wash Effective Model Plan: Post-Project Ultimate Plan 2/20/2014 9:41:55 PM
Geom: Post-Project Ultimate Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 107200
.035
.05
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
Crit 100-Year FW
WS 100-Year
Crit 100-Year
Ground
Bank Sta
Encroachment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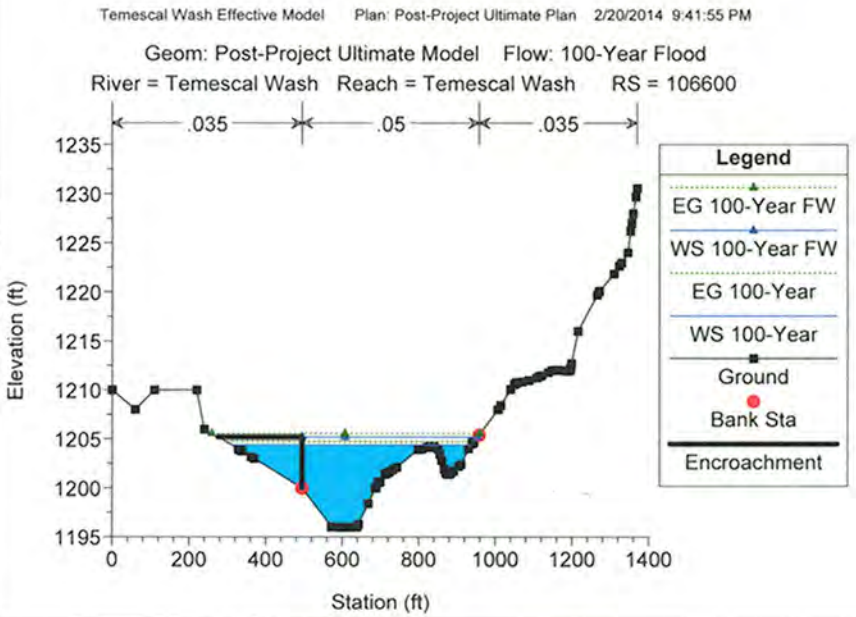
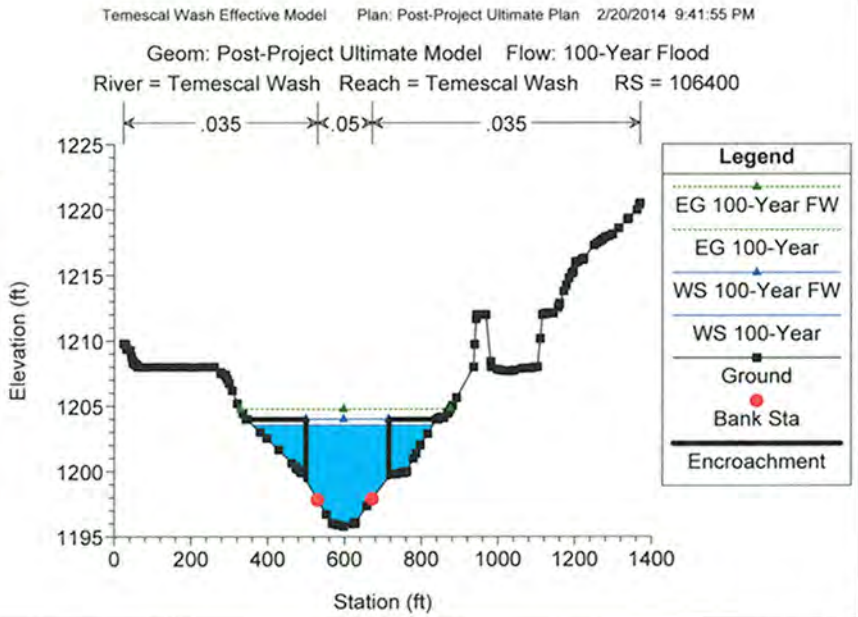
Geom: Post-Project Ultimate Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 106936
.35
.05
.35
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
WS 100-Year FW
EG 100-Year
WS 100-Year
Ground
Bank Sta
Encroachment


Temescal Wash Effective Model Plan: Post-Project Ultimate Plan 2/20/2014 9:41:55 PM
Geom: Post-Project Ultimate Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 106600
.035
.05
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
WS 100-Year FW
EG 100-Year
WS 100-Year
Ground
Bank Sta
Encroachment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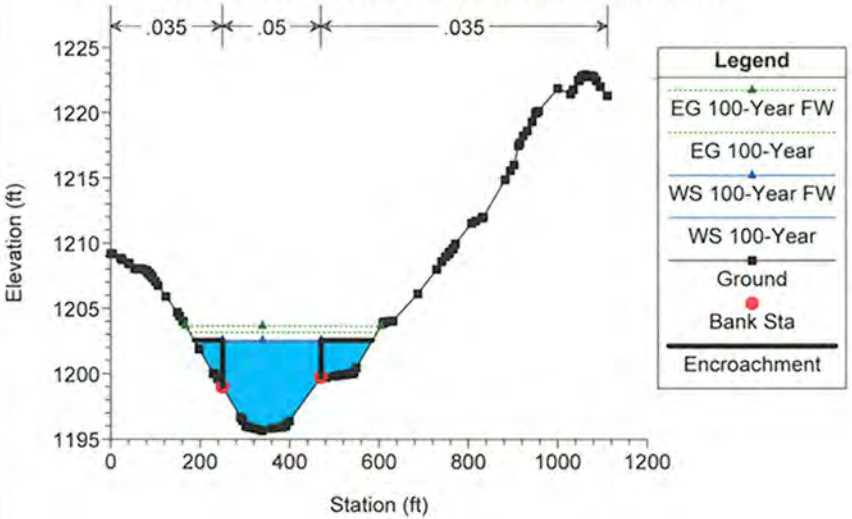
Geom: Post-Project Ultimate Model Flow: 100-Year Flood
River = Temescal Wash Reach = Temescal Wash RS = 106400
.035
.05
.035
Elevation (ft)
Station (ft)
Legend
EG 100-Year FW
EG 100-Year
WS 100-Year FW
WS 100-Year
Ground
Bank Sta
Encroachment

Temescal Wash Effective Model Plan: Post-Project Ultimate Plan 2/20/2014 9:41:55 PM

Geom: Post-Project Ultimate Model Flow: 100-Year Flood

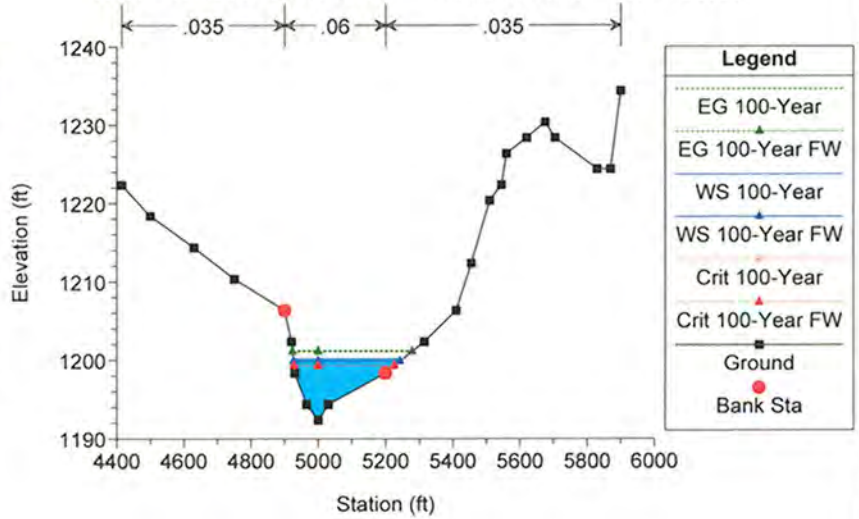
River = Temescal Wash Reach = Temescal Wash RS = 106200

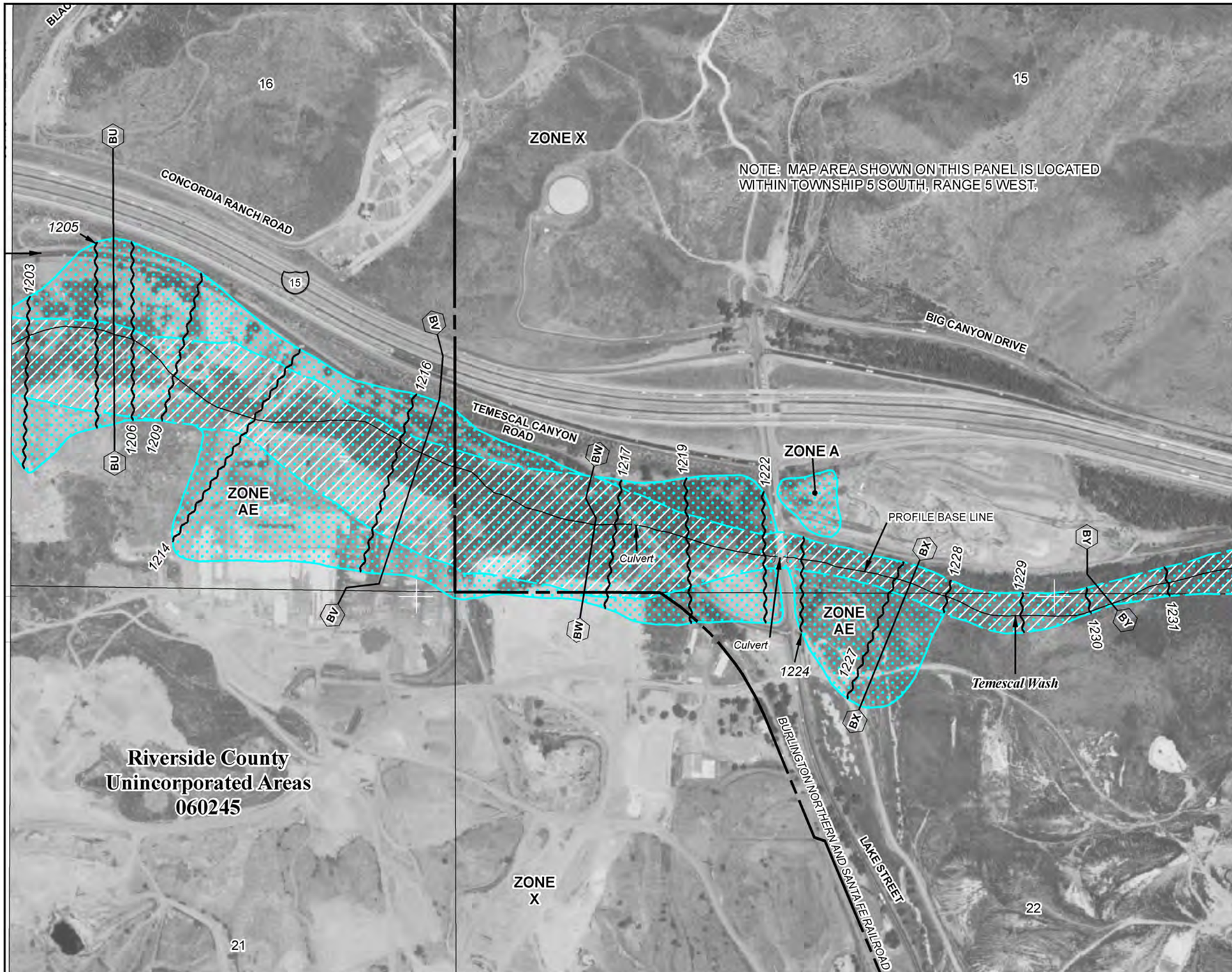



Temescal Wash Effective Model Plan: Post-Project Ultimate Plan 2/20/2014 9:41:55 PM

Geom: Post-Project Ultimate Model Flow: 100-Year Flood

River = Temescal Wash Reach = Temescal Wash RS = 105986






MAP SCALE 1" = 500'

250 0 500 1000 FEET

METER

NFIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 2007G

# FIRM

## FLOOD INSURANCE RATE MAP

**RIVERSIDE COUNTY, CALIFORNIA**
AND INCORPORATED AREAS

**PANEL 2007 OF 3805**

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

| COMMUNITY | NUMBER | PANEL | SUFFIX |
|---|---|---|---|
| LAKE ELSINORE, CITY OF | 060636 | 2007 | G |
| RIVERSIDE COUNTY | 060245 | 2007 | G |

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

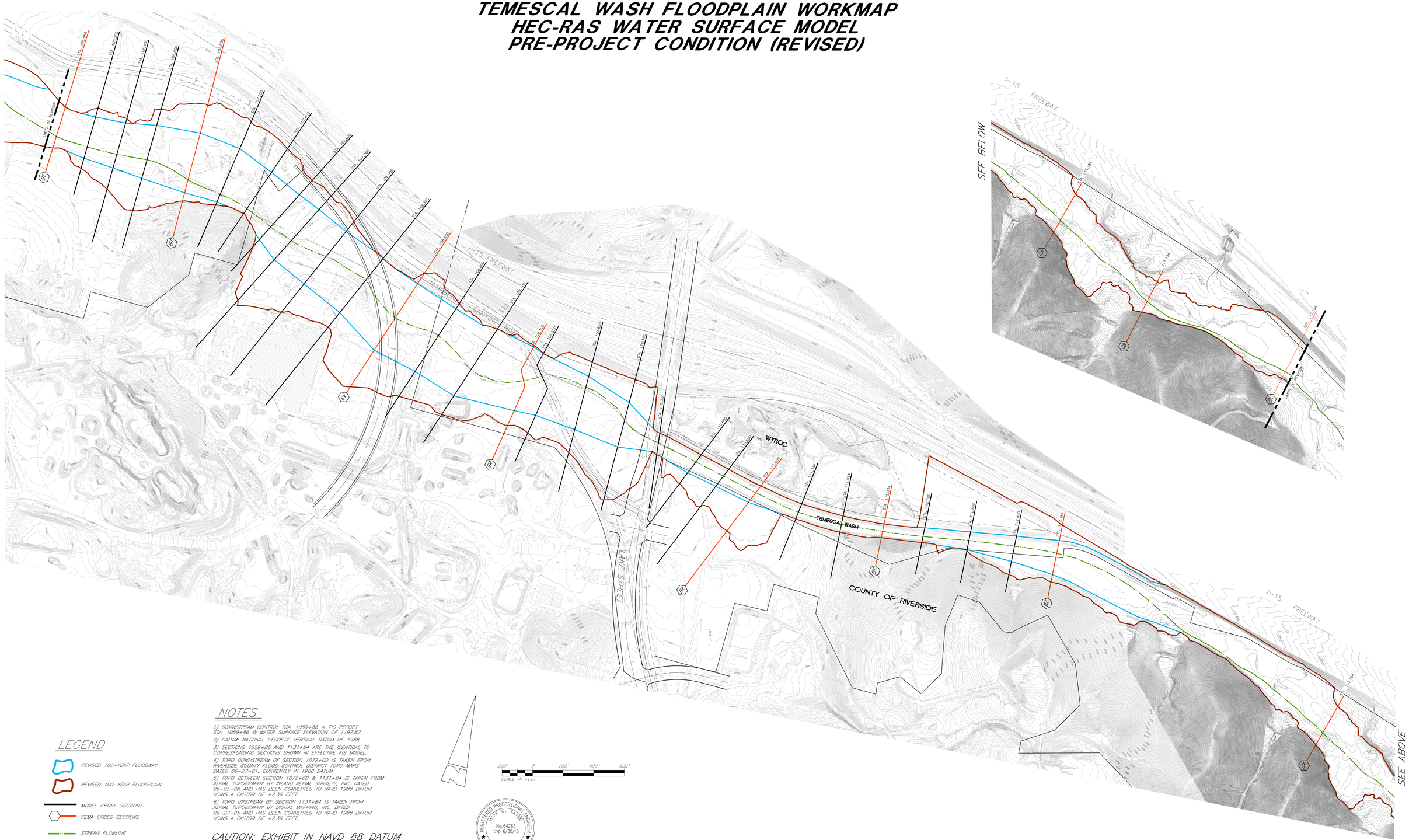
**MAP NUMBER**
**06065C2007G**

**EFFECTIVE DATE**
**AUGUST 28, 2008**

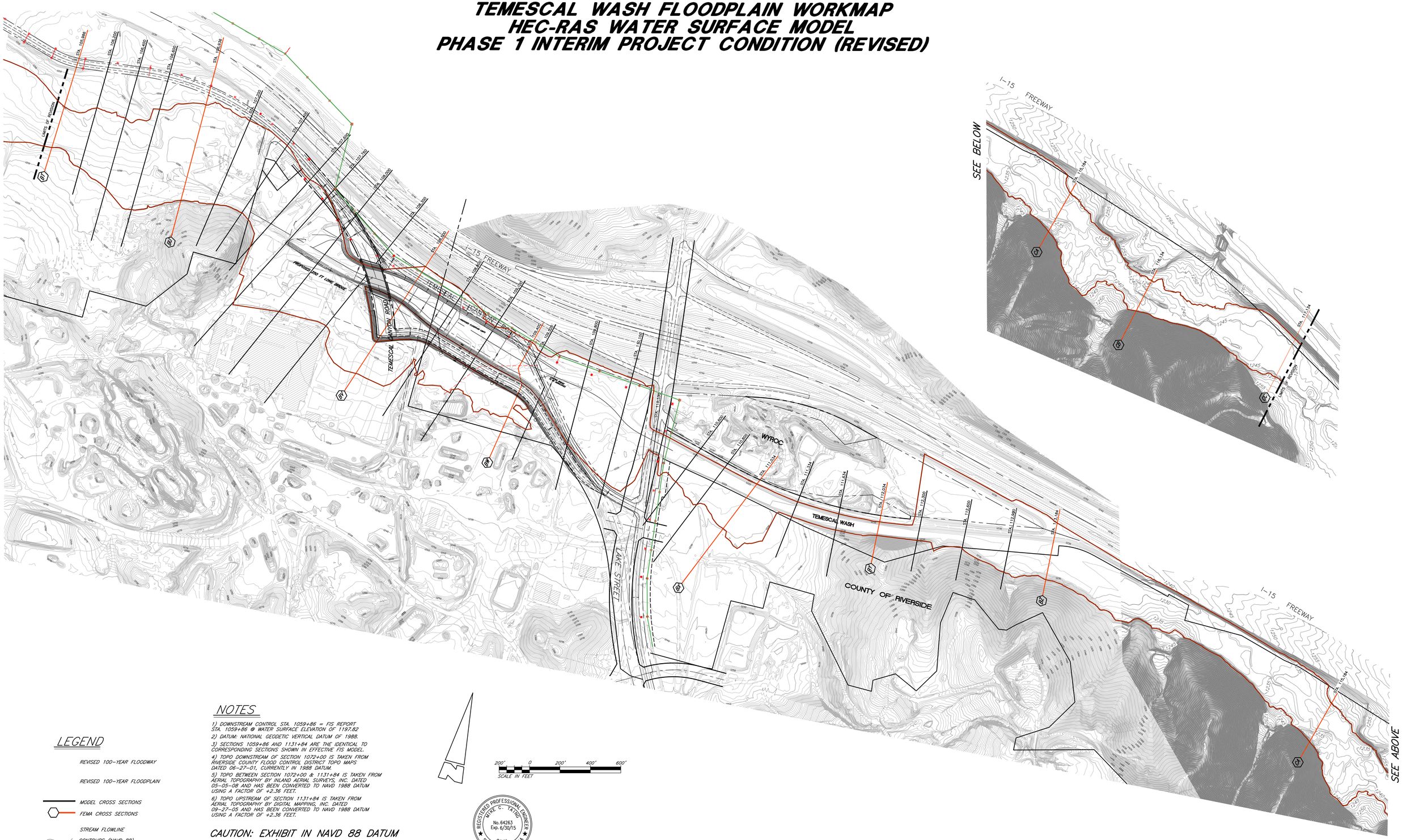
Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov

# TEMESCAL WASH FLOODPLAIN WORKMAP
# HEC-RAS WATER SURFACE MODEL
# PRE-PROJECT CONDITION (REVISED)



# TEMESCAL WASH FLOODPLAIN WORKMAP
# HEC-RAS WATER SURFACE MODEL
# PHASE 1 INTERIM PROJECT CONDITION (REVISED)




## LEGEND

REVISED 100-YEAR FLOODWAY

REVISED 100-YEAR FLOODPLAIN

MODEL CROSS SECTIONS

FEMA CROSS SECTIONS

STREAM FLOWLINE

CONTOURS (NAVD 88)

## NOTES

1) DOWNSTREAM CONTROL STA. 1059+86 = FIS REPORT STA. 1059+86 @ WATER SURFACE ELEVATION OF 1197.82

2) DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1988.

3) SECTIONS 1059+86 AND 1131+84 ARE THE IDENTICAL TO CORRESPONDING SECTIONS SHOWN IN EFFECTIVE FIS MODEL.

4) TOPO DOWNSTREAM OF SECTION 1072+00 IS TAKEN FROM RIVERSIDE COUNTY FLOOD CONTROL DISTRICT TOPO MAPS DATED 06-27-01, CURRENTLY IN 1988 DATUM.

5) TOPO BETWEEN SECTION 1072+00 & 1131+84 IS TAKEN FROM AERIAL TOPOGRAPHY BY INLAND AERIAL SURVEYS, INC. DATED 05-05-08 AND HAS BEEN CONVERTED TO NAVD 1988 DATUM USING A FACTOR OF +2.36 FEET.

6) TOPO UPSTREAM OF SECTION 1131+84 IS TAKEN FROM AERIAL TOPOGRAPHY BY DIGITAL MAPPING, INC. DATED 09-27-05 AND HAS BEEN CONVERTED TO NAVD 1988 DATUM USING A FACTOR OF +2.36 FEET.

**CAUTION: EXHIBIT IN NAVD 88 DATUM FOR CLOMR/LOMR PURPOSES ONLY.**

REGISTERED PROFESSIONAL ENGINEER
MIKE C. TAYRIEN
No. 64263
Exp. 6/30/15
CIVIL
STATE OF CALIFORNIA

KWC ENGINEERS
CIVIL ENGINEERS • PLANNERS • SURVEYORS
1880 COMPTON AVENUE, SUITE 100 • CORONA, CA. 92881-3378 • 951-734-2130

**FIGURE 6**
**PHASE 1 INTERIM PROJECT FLOODPLAIN WORKMAP**

| Scale: | Designed by | Drawn by | Checked by |
|---|---|---|---|
| 1"=200' | MCT | MCT | MCT |

06-1002-4 R:\06-1002 REPORTS\CLOMR\Floodplain Workmaps\TW Floodplain Phase 1-Project.dwg 03/10/2014 14:49