

Table 4.4.4. One Mile Branch Existing Condition Model Results

Node ID	Road Name	Road Class	Road Crown Elevation (ft-NAVD)	Potential Structure Flooding	Design Event				
					Peak Water Surface Elevation (ft-NAVD)				
					1.2 Inch	5 Year	25 Year	50 Year	100 Year
OM60010					142.7	148.0	149.8	150.2	150.8
OM60020S	Railroad	R/R	162.4		142.9	148.1	149.8	150.3	150.9
OM60030					148.4	152.1	153.5	154.6	155.0
OM60040S	Gordon Street	Local	154.5	Y	148.4	153.1	154.9	155.5	155.8
OM60050					148.9	154.3	156.0	156.5	156.8
OM60070					149.0	154.1	155.8	156.2	156.4
OM60080S	Melody Lane	Arterial	158.4		149.1	154.9	157.1	157.8	158.3
OM60090				Y	152.2	156.2	157.9	158.5	159.0
OM60100S	Wainwright Drive	Local	158.4	Y	152.6	158.9	160.1	160.4	160.6
OM60110					153.5	159.4	160.8	161.1	161.4
OM60120					158.1	163.0	164.7	165.1	165.4
OM60140S	Sustella Avenue	Collector	170.2		159.6	165.6	167.0	167.4	167.7
OM60150				Y	169.4	172.7	173.7	173.9	174.1
OM60170S	Oak Street	Arterial	178.4	Y	169.7	174.3	175.5	176.0	176.5
OM60180				Y	176.7	180.4	181.2	181.4	181.6
OM60190S	Patterson Street	Arterial	183.7	Y	176.9	181.3	182.6	183.0	183.4
OM60200					179.5	181.9	183.1	183.5	184.0
OM60220S	Williams Street	Collector	185.3	Y	179.6	182.5	183.9	184.4	185.6
OM60230				Y	181.6	184.1	184.7	185.0	186.0
OM60240S	Iola Drive	Local	186.1		181.8	184.6	185.4	185.8	186.7
OM60250					184.2	187.3	188.1	188.4	188.6
OM60260S	Ashley Street	Arterial	192.7	Y	186.1	191.2	192.6	193.1	193.4
OM60265S					185.6	191.2	192.6	193.1	193.4
OM60270				Y	188.3	192.0	192.9	193.3	193.6
OM60280S	Lee Street	Collector	193.3	Y	188.4	193.2	194.1	194.3	194.5
OM60290					188.9	193.6	194.4	194.6	194.8
OM60300S	Vallotton Drive	Collector	193.3		188.9	193.8	194.8	195.1	195.4
OM60320				Y	191.0	195.1	196.1	196.5	196.8
OM60330				Y	196.1	199.2	200.1	200.5	200.9
OM60350S	Park Avenue	Arterial	200.2	Y	196.3	201.0	201.2	201.4	201.4
OM60360				Y	196.3	200.3	201.0	201.2	201.3
OM60370S	Lakeland Avenue	Local	199.6	Y	196.3	200.4	201.0	201.2	201.3
OM60380				Y	196.3	200.4	201.1	201.2	201.3

Notes:

- Roads not meeting the City's defined Level of Service.
- Roads not meeting the City's define Level of Service due to Withlacoochee flooding.
- Water surface elevations due to Withlacoochee Staging.
- 'Y' depicts potential structure flooding near the corresponding node location.
- Potential Structure flooding estimated by comparing model results with the regional 2 foot contours dataset.
Additional finished floor elevations data should be acquired for further investigation.
- All design storm events are 24 hour duration.

