

| Feature | A | B | C | D | P | Q | Q2 |
|-------------------------------------------|---|---|---|---|---|---|----|
| Midvale/Univ Connect | | ✓ | | ✓ | ✓ | ✓ | ✓ |
| Shorewood Cross Connect | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 96" to Farley | ✓ | ✓ | ✓ | ✓ | | | |
| 96" from Farley to Shorewood | | | ✓ | ✓ | | | |
| 0.4-ac in SE plus lake tunnel | | | | | ✓ | | |
| 0.4-ac in both SE and NW plus lake tunnel | | | | | ✓ | | |
| 0.4-ac storage in NW plus 100k gpm pump | | | | | | ✓ | |
| 40 ac-ft storage in NW plus 100k gpm pump | | | | | | | ✓ |
| 0.4-ac storage in SE | | | | | | ✓ | ✓ |

*All Scenarios include improving hydraulic connection at existing 96" - box storm sewer junction

| Shorewood Hills Blvd | Alt A | | | | | | | Alt B | | | | | | Alt C | | | | | |
|-------------------------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| | 002-Yr | 005-Yr | 010-Yr | 025-Yr | 050-Yr | 100-Yr | 002-Yr | 005-Yr | 010-Yr | 025-Yr | 050-Yr | 100-Yr | 002-Yr | 005-Yr | 010-Yr | 025-Yr | 050-Yr | 100-Yr | |
| | Surface | 879.9 | 881.8 | 882.4 | 883.1 | 883.7 | 884.3 | 881.1 | 881.8 | 882.4 | 883.1 | 883.6 | 884.3 | 879.5 | 880.4 | 881.9 | 882.7 | 883.3 | 883.9 |
| Storm | 879.4 | 881.3 | 881.8 | 882.4 | 883.0 | 883.6 | 880.8 | 881.7 | 882.1 | 882.8 | 883.3 | 883.8 | 875.4 | 879.9 | 881.2 | 882.0 | 882.6 | 883.2 | |
| Surface Minus Storm HGL | 0.49 | 0.57 | 0.61 | 0.64 | 0.65 | 0.66 | 0.27 | 0.16 | 0.28 | 0.26 | 0.33 | 0.40 | 4.08 | 0.51 | 0.67 | 0.71 | 0.70 | 0.71 | |

| | Alt D | | | | | | Existing | | | | | |
|-------------------------|---------|--------|--------|--------|--------|--------|----------|--------|--------|--------|--------|--------|
| | 002-Yr | 005-Yr | 010-Yr | 025-Yr | 050-Yr | 100-Yr | 002-Yr | 005-Yr | 010-Yr | 025-Yr | 050-Yr | 100-Yr |
| | Surface | 879.5 | 880.1 | 881.9 | 882.7 | 883.4 | 884.0 | 881.1 | 881.9 | 882.5 | 883.2 | 883.8 |
| Storm | 876.8 | 879.8 | 881.3 | 882.1 | 882.7 | 883.3 | 881.1 | 882.1 | 882.7 | 883.3 | 883.9 | 884.3 |
| Surface Minus Storm HGL | 2.76 | 0.29 | 0.57 | 0.63 | 0.63 | 0.66 | 0.06 | -0.14 | -0.15 | -0.13 | -0.08 | 0.05 |

| Midvale Blvd | Alt A | | | | | | Alt B | | | | | | Alt C | | | | | |
|-------------------------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 002-Yr | 005-Yr | 010-Yr | 025-Yr | 050-Yr | 100-Yr | 002-Yr | 005-Yr | 010-Yr | 025-Yr | 050-Yr | 100-Yr | 002-Yr | 005-Yr | 010-Yr | 025-Yr | 050-Yr | 100-Yr |
| | Surface | 886.5 | 887.3 | 887.7 | 888.3 | 888.7 | 889.2 | 885.4 | 886.8 | 887.4 | 888.0 | 888.5 | 889.0 | 886.4 | 887.2 | 887.7 | 888.2 | 888.7 |
| Storm | 886.3 | 887.2 | 887.7 | 888.2 | 888.6 | 889.0 | 885.3 | 885.9 | 886.5 | 886.9 | 887.3 | 887.8 | 886.0 | 887.0 | 887.6 | 888.1 | 888.5 | 888.9 |
| Surface Minus Storm HGL | 0.15 | 0.04 | 0.08 | 0.13 | 0.17 | 0.20 | 0.14 | 0.97 | 0.95 | 1.06 | 1.14 | 1.19 | 0.36 | 0.18 | 0.11 | 0.14 | 0.18 | 0.22 |

| | Alt D | | | | | | Existing | | | | | |
|-------------------------|---------|--------|--------|--------|--------|--------|----------|--------|--------|--------|--------|--------|
| | 002-Yr | 005-Yr | 010-Yr | 025-Yr | 050-Yr | 100-Yr | 002-Yr | 005-Yr | 010-Yr | 025-Yr | 050-Yr | 100-Yr |
| | Surface | 884.6 | 886.7 | 887.4 | 888.0 | 888.5 | 889.0 | 886.4 | 887.2 | 887.7 | 888.2 | 888.8 |
| Storm | 883.0 | 885.3 | 886.2 | 886.8 | 887.2 | 887.7 | 886.5 | 887.3 | 887.7 | 888.2 | 888.7 | 889.0 |
| Surface Minus Storm HGL | 1.59 | 1.36 | 1.17 | 1.18 | 1.23 | 1.27 | -0.09 | -0.08 | -0.01 | 0.03 | 0.10 | 0.11 |

| Lift Station Alternatives | Alt P | | | | | | Alt Q - 100k GPM Lift Station with 0.4-ac Wet Wells | | | | | | Alt Q2 - 100k GPM Lift Station with Increased NE Wet Well | | | | | |
|---------------------------|----------------------|--------|--------|--------|--------|--------|-----------------------------------------------------|--------|--------|--------|--------|--------|-----------------------------------------------------------|--------|--------|----------------------|--------|--------|
| | 002-Yr | 005-Yr | 010-Yr | 025-Yr | 050-Yr | 100-Yr | 002-Yr | 005-Yr | 010-Yr | 025-Yr | 050-Yr | 100-Yr | 002-Yr | 005-Yr | 010-Yr | 025-Yr | 050-Yr | 100-Yr |
| | Midvale | 884.6 | 885.2 | 885.7 | 886.2 | 886.7 | 887.0 | 884.6 | 885.9 | 887.0 | 887.8 | 888.4 | 888.9 | | | 885.7 | | |
| Shorewood Hills | 879.9 | 880.0 | 880.0 | 881.2 | 881.8 | 882.1 | 879.9 | 881.3 | 882.1 | 882.9 | 883.6 | 884.1 | | | 881.2 | | | |
| | compared to Alt P | | | | | | 0.0 | 1.4 | 2.0 | 1.7 | 1.8 | 2.0 | | | 1.2 | Compared to Alt P | | |
| | compared to Existing | | | | | | -1.2 | -0.8 | -0.6 | -0.4 | -0.3 | -0.2 | | | -0.8 | Compared to Alt Q | | |
| | | | | | | | | | | | | | | | -1.4 | Compared to existing | | |

Legend

| Elevations | Difference B/W Surface-Storm |
|------------------------------------------------|--------------------------------------------------|
| All Commercial Buildings Above Flood Elevation | Greater than 24" (Moderate Inlet Capacity Avail) |
| Only Whole Foods Below Flood Elevation | 12" to 24" (Modest Inlet Capacity Avail) |
| More than Whole Foods Below Flood Elevation | Less than 12" (Minimal Inlet Capacity Avail) |