

CHATHAM STORM DRAINAGE IMPROVEMENTS

Modeled vs. Citizen Reported Drainage Issues

Legend

- Project Area
- Sub-Area Boundary
- Buildings
- Parcels
- Open Requests
- Closed Requests

Questionnaire Results

- No Reported Issues
- Maintenance Issues
- Erosion (Only)
- Issue Reported for Another Location

Flooding and Erosion Reported

- Crawl Space
- Living Space
- Shed/HVAC
- Street

Flooding (Only) Reported

- Crawl Space
- Living Space
- Shed/HVAC
- Street

Summary of Engineering Analysis

- Inlet Sufficient in Existing & Future Conditions - No Surge
- Inlet Sufficient in Existing & Future Conditions - Surge in Existing Conditions
- Inlet Sufficient in Existing & Future Conditions - Surge in Future Conditions
- Inlet Insufficient in Existing Conditions - No Surge
- Inlet Insufficient in Existing Conditions - Surge in Existing Conditions
- Inlet Insufficient in Existing Conditions - Surge in Future Conditions
- Inlet Insufficient in Future Conditions - No Surge
- Manhole - No Surge in Existing & Future Conditions
- Manhole - Surge in Existing Conditions
- Manhole - Surge in the Future Conditions
- Major Culvert Sufficient in Existing Conditions
- Major Culvert Insufficient in Existing Conditions
- Major Culvert Insufficient in Future Conditions
- Minor Culvert Sufficient in Existing Conditions
- Minor Culvert Insufficient in Existing Conditions
- Major Open Channels
- Minor Open Channel Sufficient in Existing Conditions
- Minor Open Channel Insufficient in Existing Conditions
- Sufficient Pipe Capacity in Existing & Future Conditions
- Insufficient Pipe Capacity in Existing Conditions
- Insufficient Pipe Capacity in Future Conditions

Breakout Group #2



80 0 80 160 240
Feet



Prepared For:

Prepared By:

KimleyHorn

Date: July 29, 2014