

Benefit / Cost Summary for Proposed BMP's

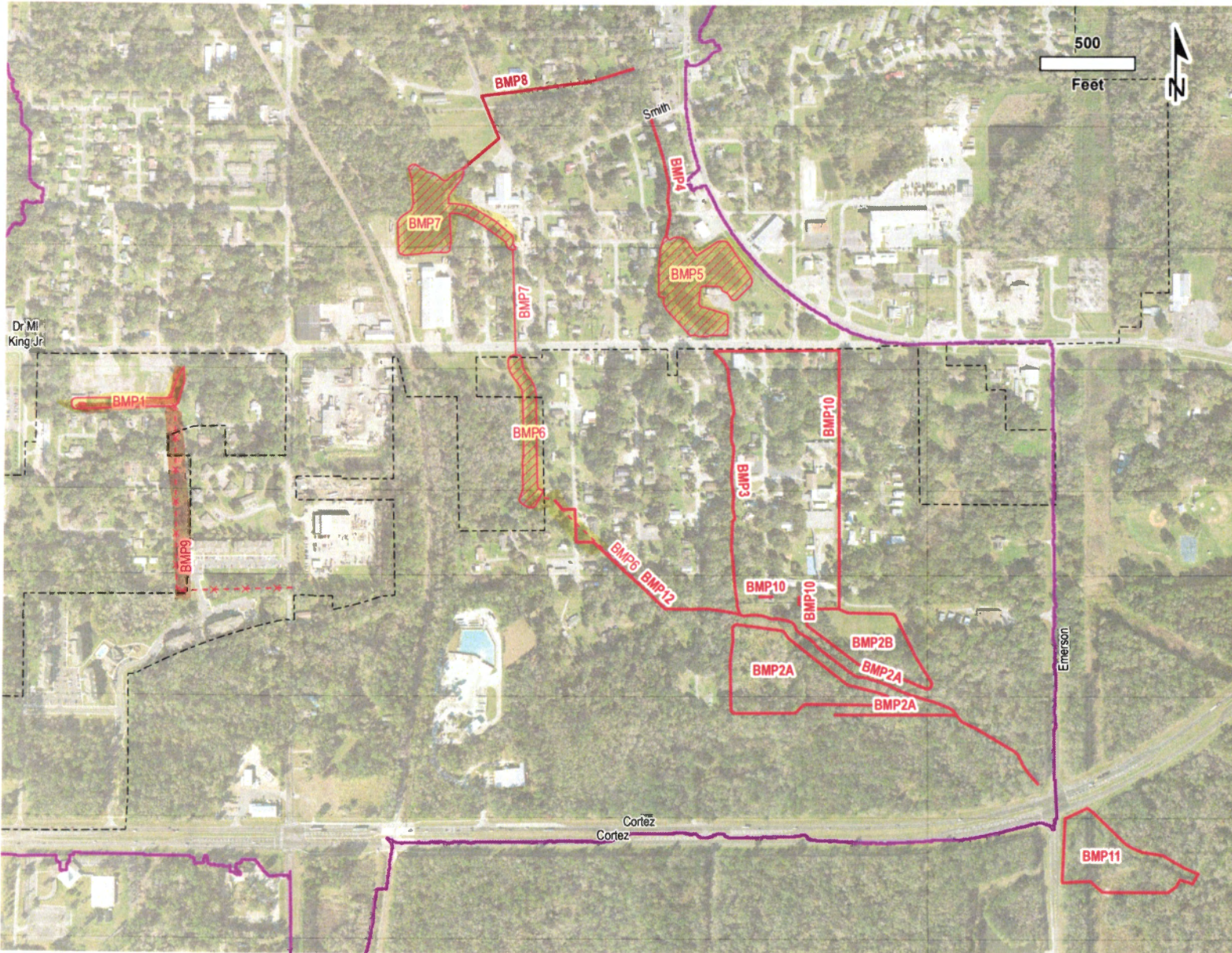
| | | | | Storm Events | | | | | |
|-----------------------------------|------|------------------|--|---|--------------|--------------|--------------|--------------|---------------|
| Proposed BMP's | BCR | Est. Cost | | Mean Annual | 5-Year | 10-Year | 25-Year | 50-Year | 100-Year |
| | | | | Homes in Flood Hazard Area | | | | | |
| Pre-Developemnt | | | | 4 | 4 | 6 | 7 | 9 | 14 |
| | | | | Homes Removed from Flood Hazard Area | | | | | |
| Existing BMP 5, 6, & 7 Contructed | | | | 2 (2) | 0 (4) | 2 (4) | 2 (5) | 2 (7) | 4 (10) |
| BMP 11 | 0.00 | \$ 1,350,000.00 | | 0 | 0 | 0 | 0 | 0 | 0 |
| BMP 11 + 2AB | 0.14 | \$ 4,000,000.00 | | 1 | 3 | 3 | 3 | 4 | 4 |
| BMP 11 + 2AB + 3 | 0.06 | \$ 8,600,000.00 | | 1 | 3 | 3 | 3 | 3 | 6 |
| BMP 11 + 2AB + 3 + 4 | 0.06 | \$ 9,350,000.00 | | 1 | 3 | 3 | 3 | 4 | 4 |
| BMP 11 + 2AB + 3 + 4 + 8 | 0.05 | \$ 10,250,000.00 | | 1 | 3 | 3 | 3 | 4 | 4 |
| BMP 11 + 2AB + 3 + 4 + 8 + | 0.04 | \$ 12,250,000.00 | | 1 | 3 | 3 | 3 | 4 | 4 |
| BMP 11 + 2AB + 3 + 4 + 8 + | 0.05 | \$ 13,800,000.00 | | 1 | 3 | 3 | 4 | 5 | 5 |
| BMP 11 + 2AB +3 + 4 +12 | 0.07 | \$ 10,900,000.00 | | 1 | 3 | 3 | 4 | 5 | 5 |
| | | | | | | | | | |
| Alternate - 1 | 0.27 | \$ 7,250,000.00 | | 2 | 4 | 3 | 4 | 4 | 4 |
| Alternate - 2B | 0.23 | \$ 9,900,000.00 | | 2 | 4 | 4 | 4 | 5 | 5 |
| Alternate - 3 | 0.19 | \$ 12,500,000.00 | | 2 | 4 | 4 | 4 | 5 | 6 |

FHA = Flood Hazard Area

NOTE: Benefit/Cost Ratio (BCR) is a comparison of total project benefits to total project costs. For ratios less than 1, the project costs outweigh the benefits.

For ratios less than 0.5, the projects are not recommended.

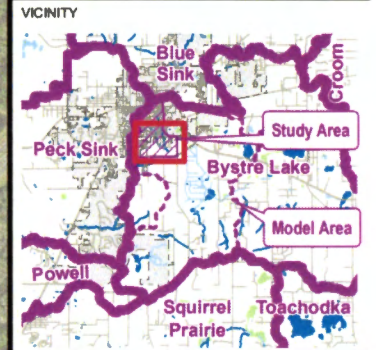
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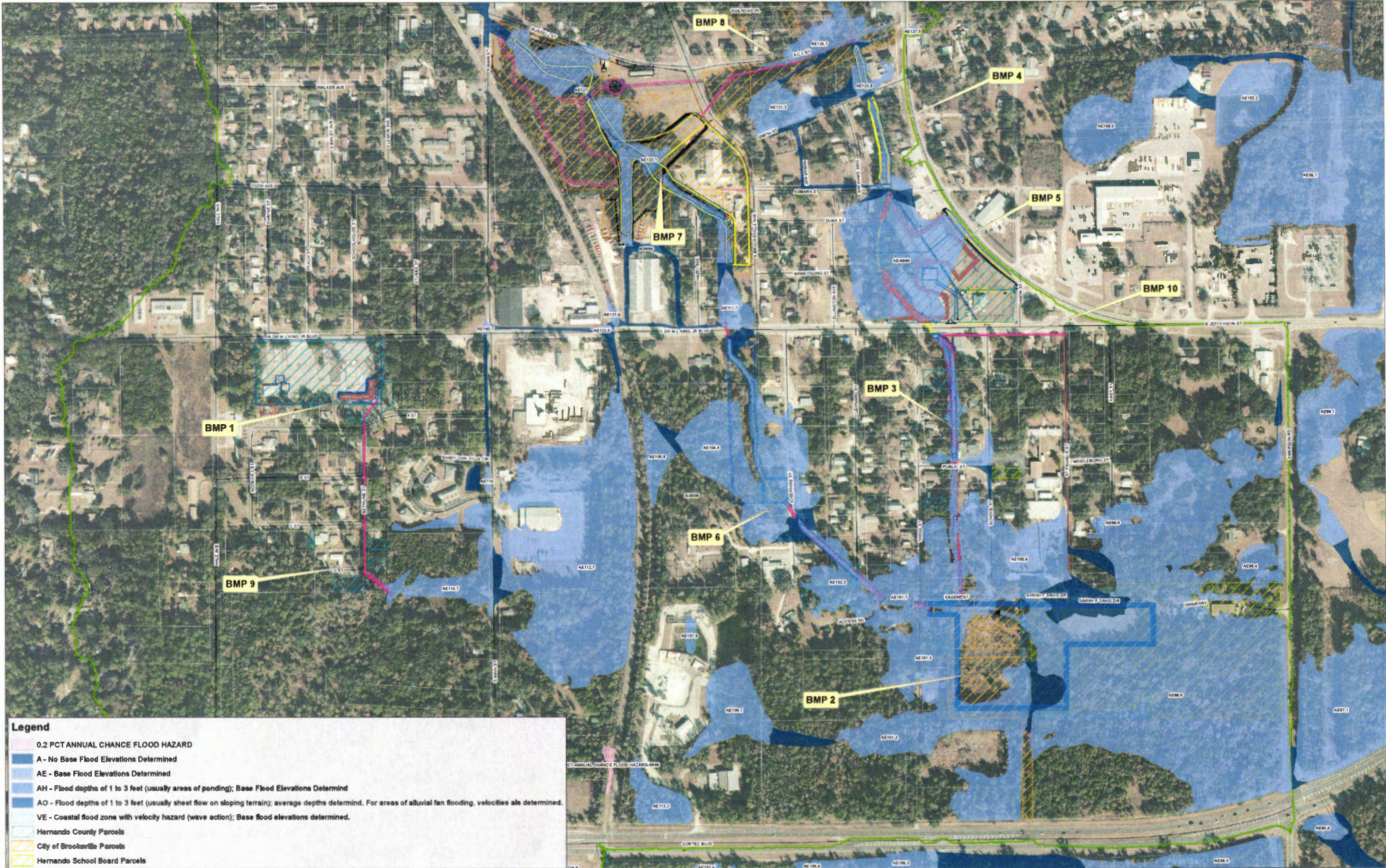
PROJECT
**South Brooksville Stormwater
 Master Drainage Plan**

SHEET
Aerial Map

- LEGEND
- S Brooksville SWMP 2011
 - BMPs**
 - Status**
 - Existing
 - Not Constructed
 - Not Viable
 - Proposed Area
 - Existing
 - Permitted
 - Proposed



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Legend

- 0.2 PCT ANNUAL CHANCE FLOOD HAZARD
- A - No Base Flood Elevations Determined
- AE - Base Flood Elevations Determined
- AM - Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations Determined
- AO - Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
- VE - Coastal flood zone with velocity hazard (wave action); Base flood elevations determined.
- Hernando County Parcels
- City of Brooksville Parcels
- Hernando School Board Parcels

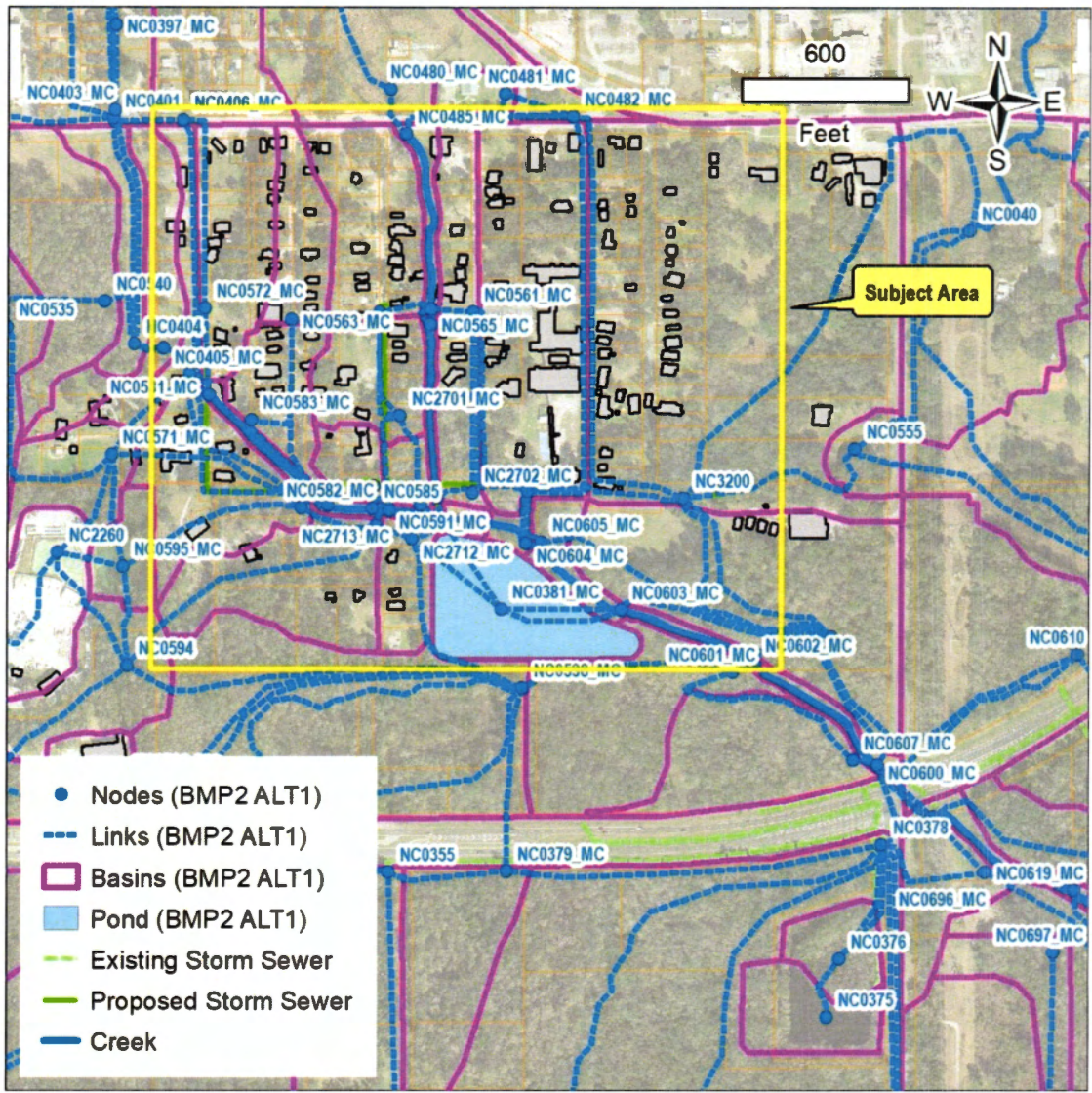


Figure 1. BMP2 ALT1

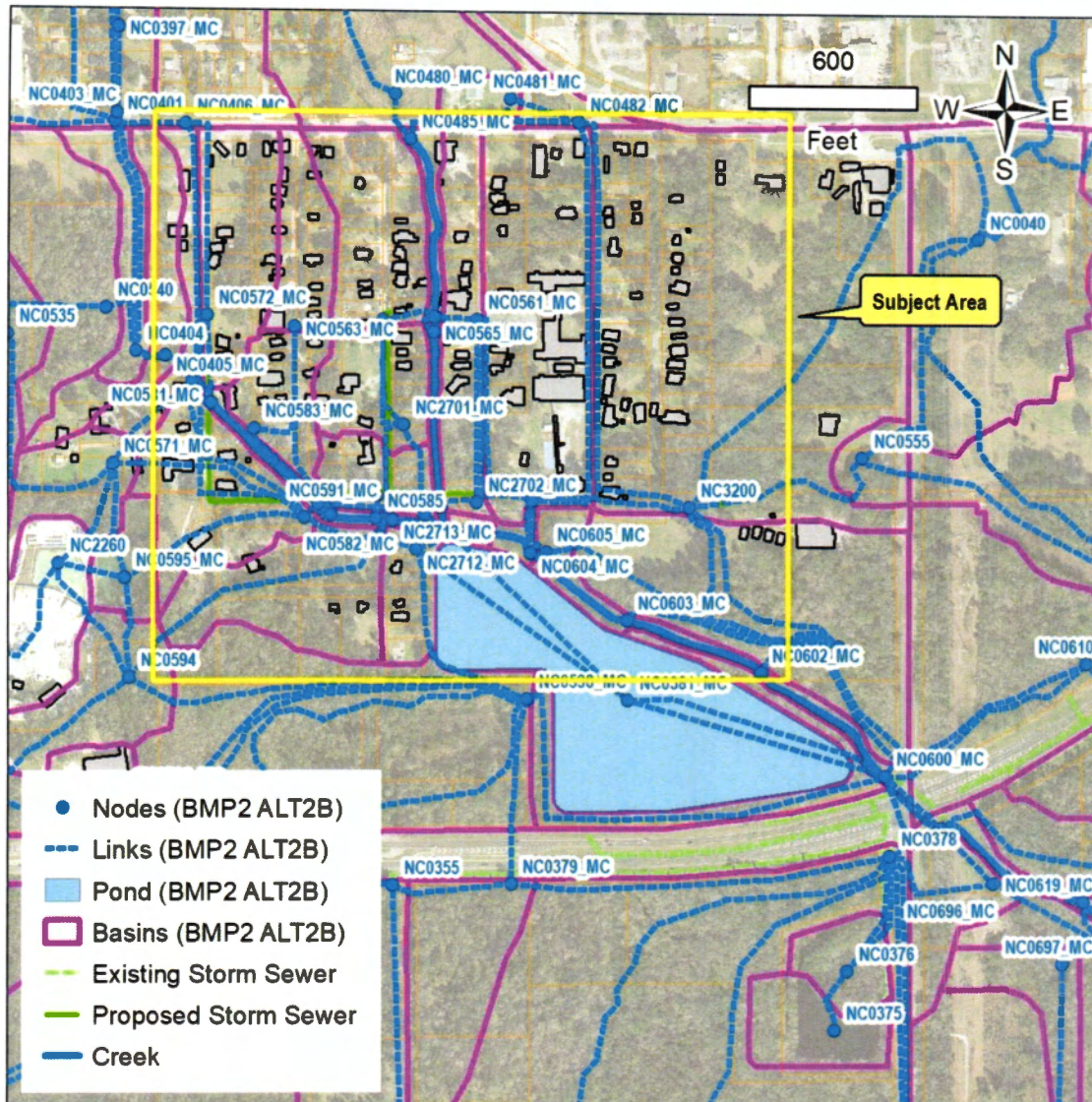


Figure 2. BMP2 ALT2B

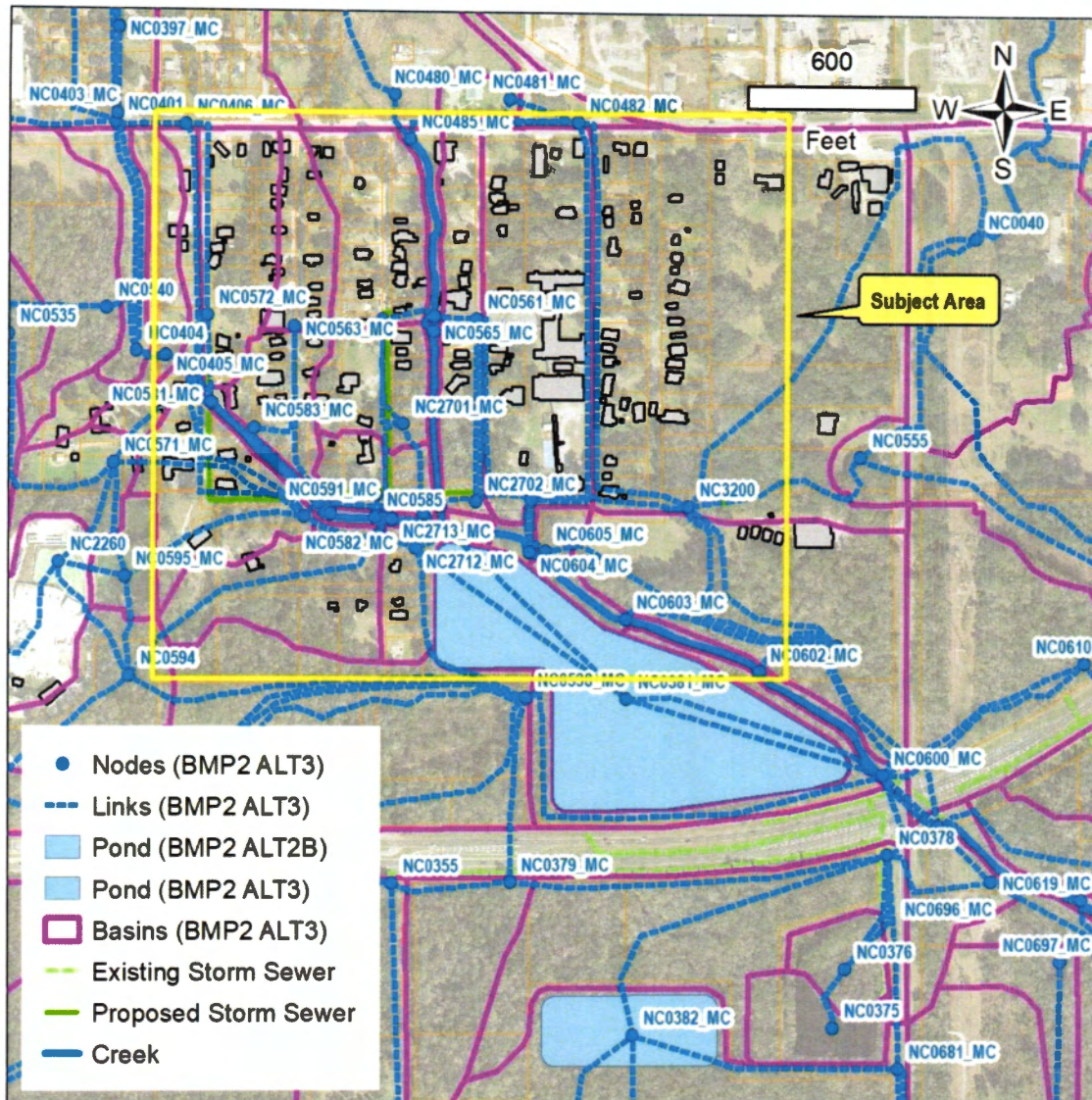


Figure 3. BMP2 ALT3

Class 4 construction cost estimates were developed for each of the alternatives. A summary is provided in Table 4 and the breakdown estimates are attached. Pre-construction land acquisition, design or permitting activities are not included in the estimated costs.

Table 4: Summary of Class 4 Construction Cost Estimates

| Alternative | Construction Cost Estimate |
|--|----------------------------|
| BMP 2, ALT 1 | \$8,772,805 +/- 10% |
| BMP 2, ALT 2B* | \$11,137,057 +/- 10% |
| BMP 2, ALT 3* | \$ 13,488,958 +/- 10% |
| * Does not include land acquisition costs. | |