

Project Dupont Wappoo Drainage Improvement Project
Entity City of Charleston
Subject Project Cost Breakdown

Budget Items

Conceptual Design	\$ 373,025
Project Areas 1-4 Design & Permit	\$ 360,949
Project Areas 1-4 Construction	\$ 5,000,000
Project Areas 5-10 Design & Permit	\$ 500,000
Project Areas 5-10 Construction	\$ 5,000,000

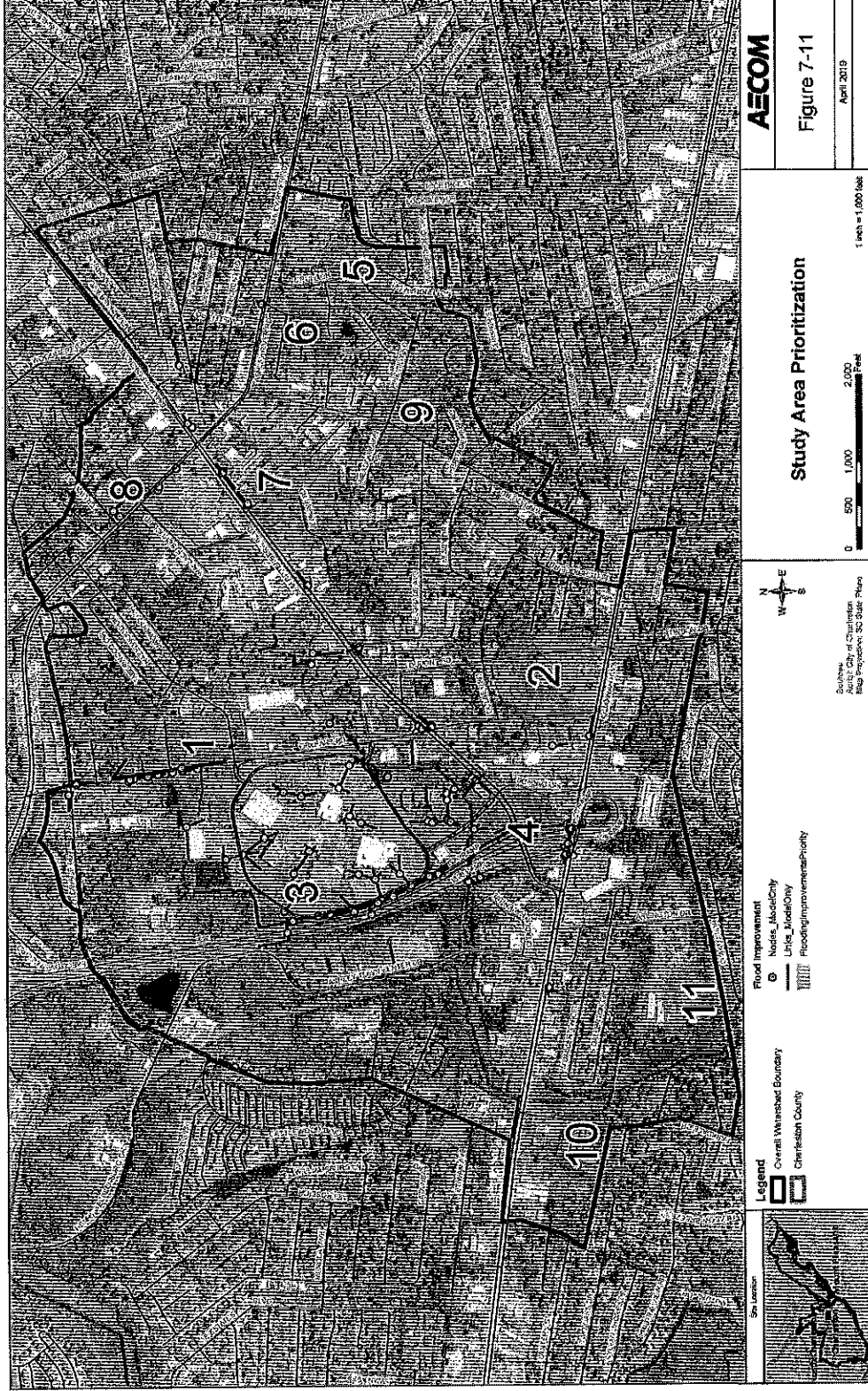


Figure 7-11. Study Area Prioritization



Figure 9-2a - Current Condition 25 Year Flood Depth



Figure 9-2c - Improved Condition 25 Year Flood Depth

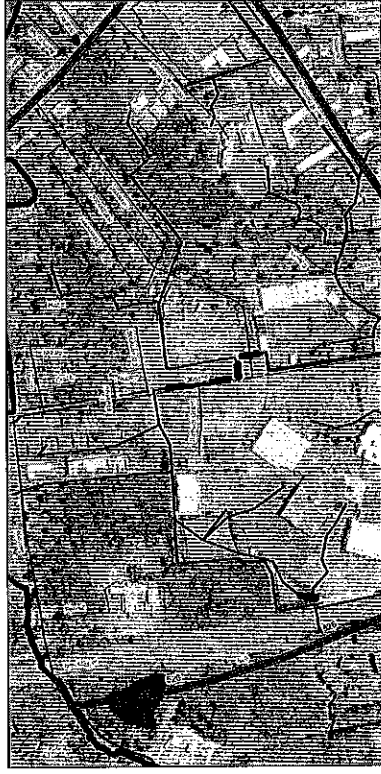


Figure 9-2b - Improved Links

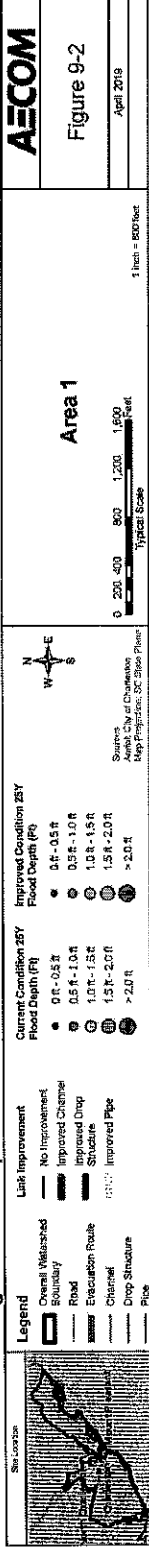


Figure 9-2. Area 1: Current Condition 25 Year Flood Depth, Improved Condition 25 Year Flood Depth, and Improved Links

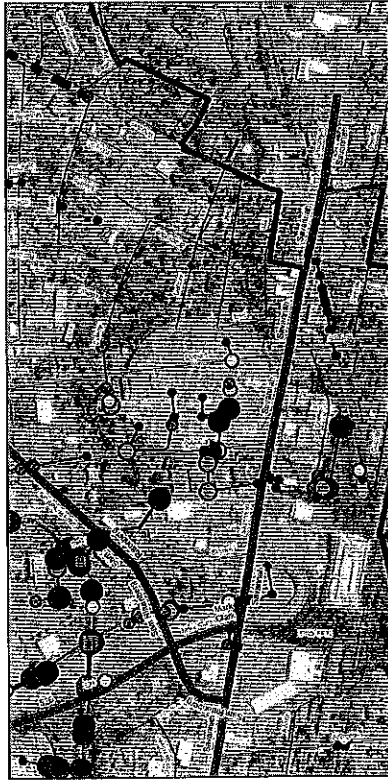


Figure 9-3a - Current Condition 25 Year Flood Depth

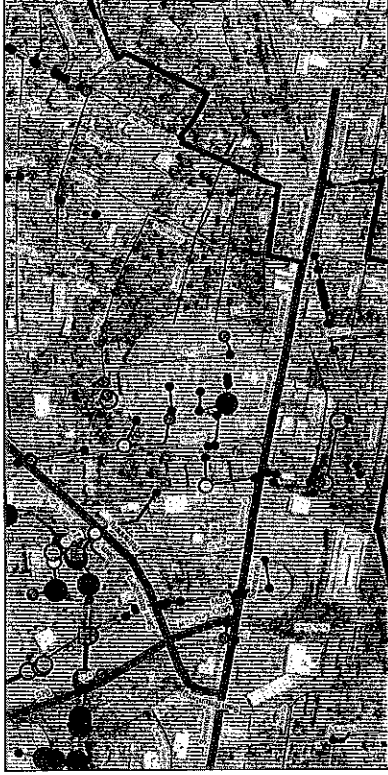


Figure 9-3c - Improved Condition 25 Year Flood Depth

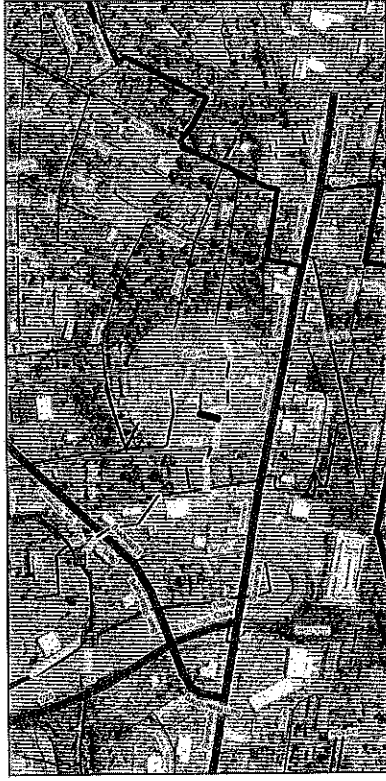


Figure 9-3b - Improved Links

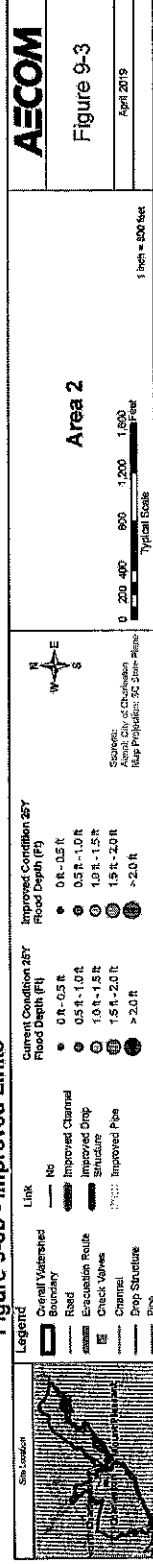


Figure 9-3. Area 2: Current Condition 25 Year Flood Depth, Improved Condition 25 Year Flood Depth, and Improved Links



Figure 9-4a - Current Condition 25 Year Flood Depth

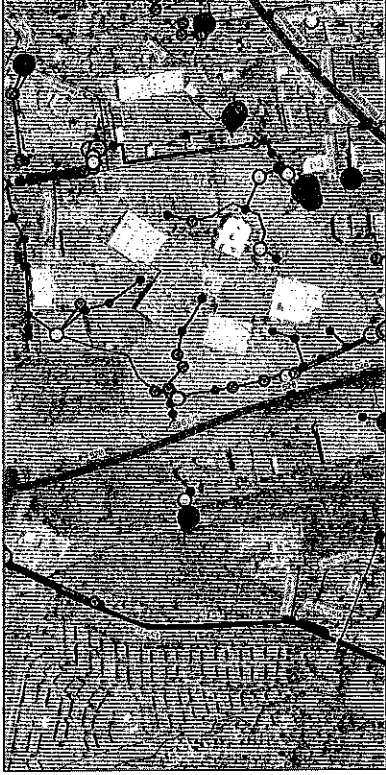


Figure 9-4c - Improved Condition 25 Year Flood Depth

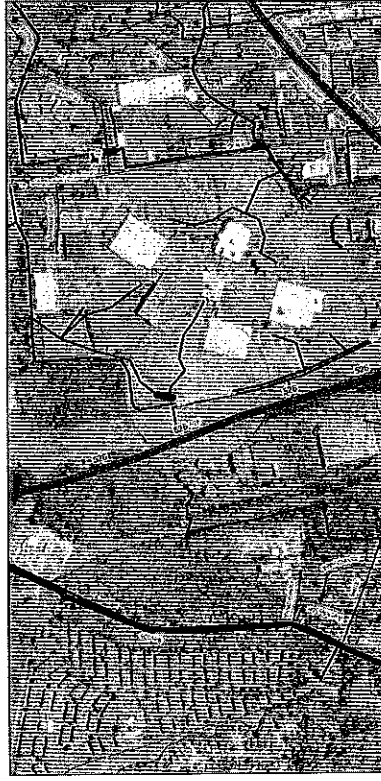


Figure 9-4b - Improved Links

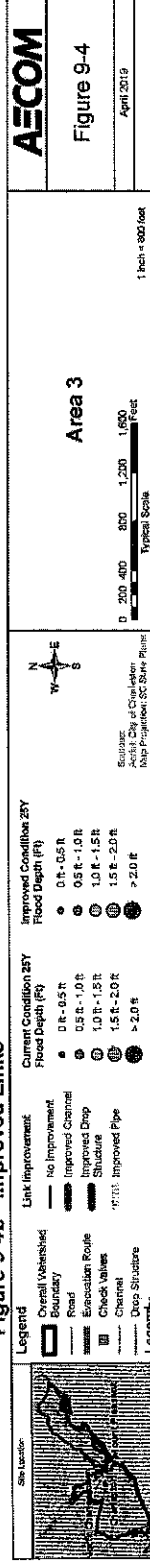


Figure 9-4. Area 3: Current Condition 25 Year Flood Depth, Improved Condition 25 Year Flood Depth, and Improved Links

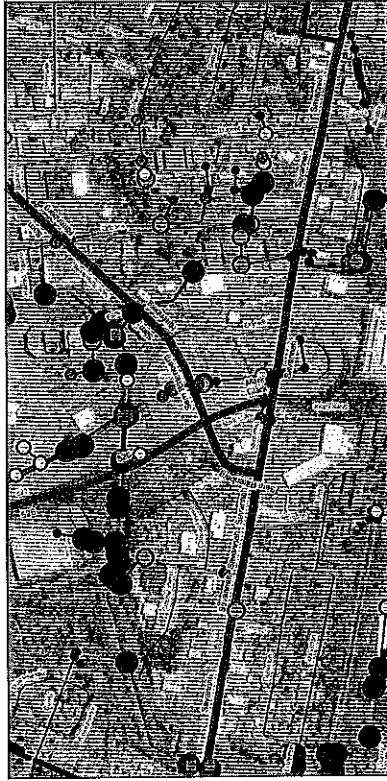


Figure 9-5a - Current Condition 25 Year Flood Depth

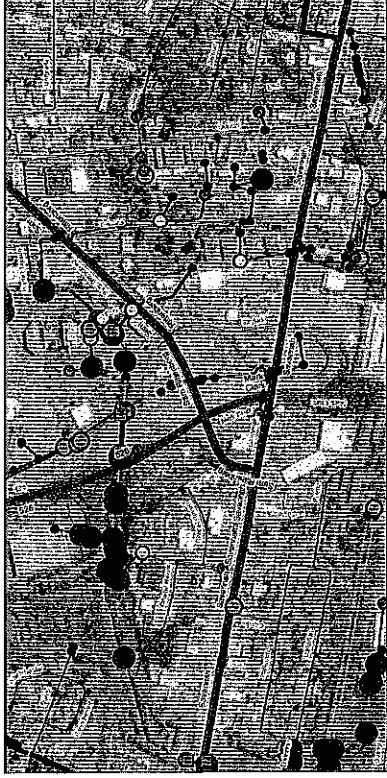


Figure 9-5c - Improved Condition 25 Year Flood Depth

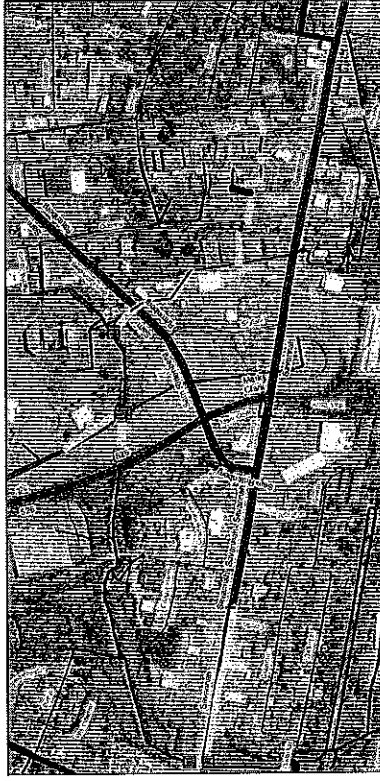


Figure 9-5b - Improved Links

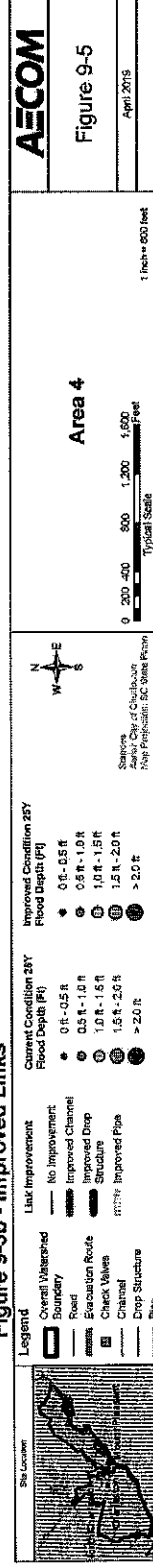


Figure 9-5. Area 4: Current Condition 25 Year Flood Depth, Improved Condition 25 Year Flood Depth, and Improved Links

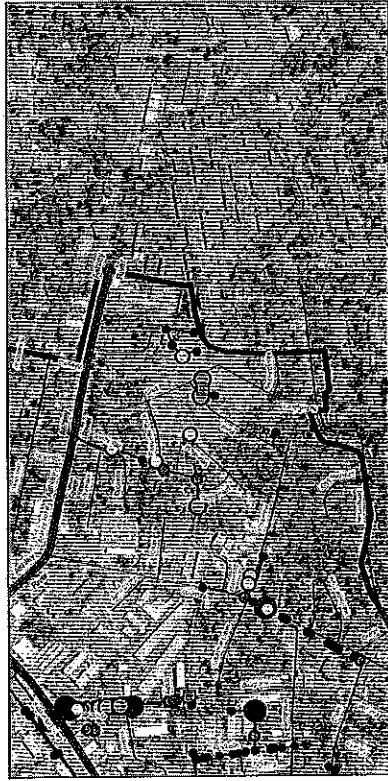


Figure 9-6a - Current Condition 25 Year Flood Depth

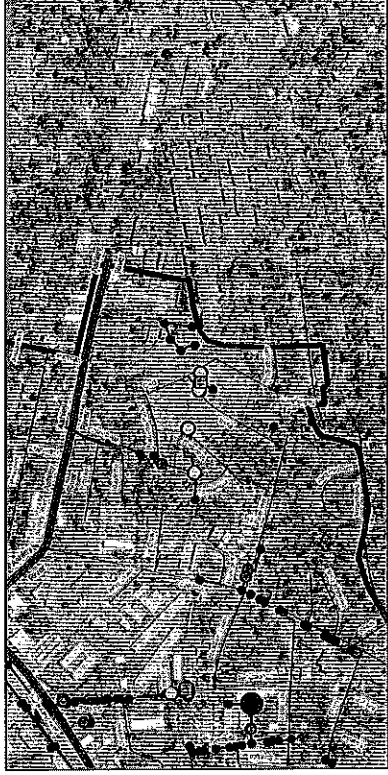


Figure 9-6c - Improved Condition 25 Year Flood Depth



Figure 9-6b - Improved Links

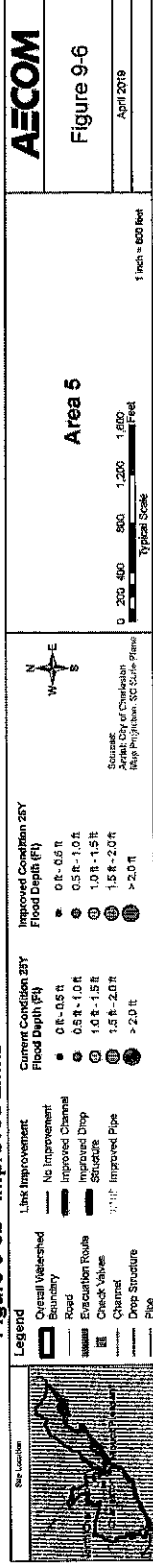


Figure 9-6. Area 5: Current Condition 25 Year Flood Depth, Improved Condition 25 Year Flood Depth, and Improved Links

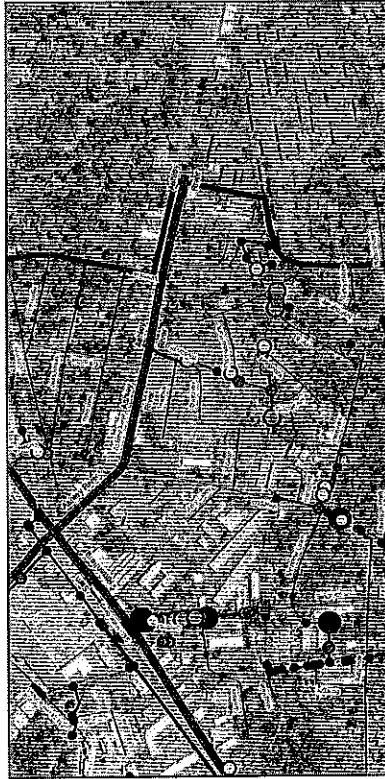


Figure 9-7a - Current Condition 25 Year Flood Depth

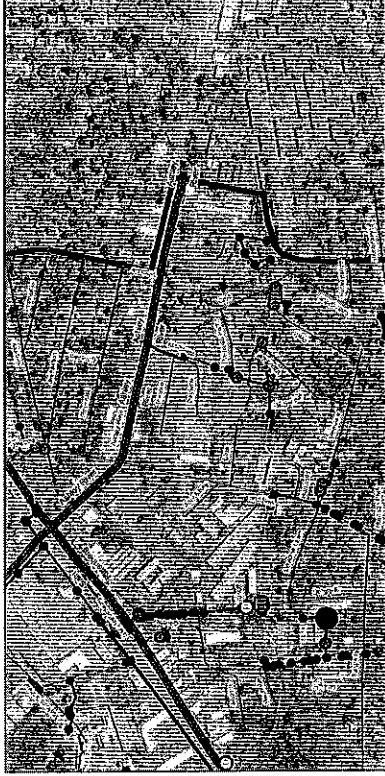


Figure 9-7c - Improved Condition 25 Year Flood Depth



Figure 9-7b - Improved Links

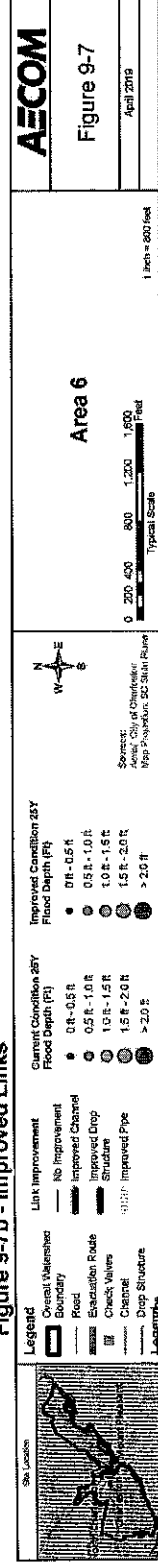


Figure 9-7. Area 6: Current Condition 25 Year Flood Depth, Improved Condition 25 Year Flood Depth, and Improved Links

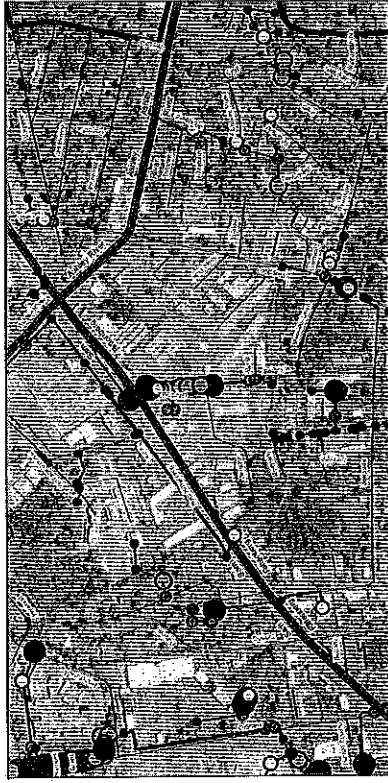


Figure 9-8a - Current Condition 25 Year Flood Depth

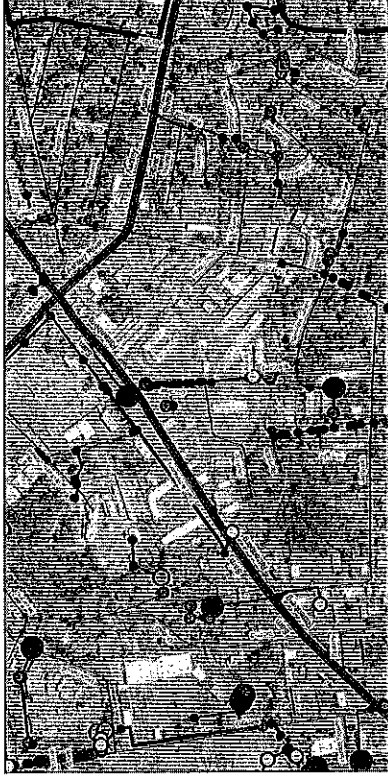


Figure 9-8c - Improved Condition 25 Year Flood Depth

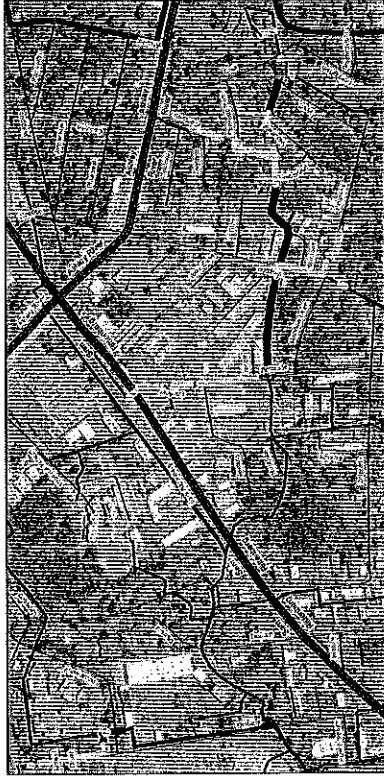


Figure 9-8b - Improved Links

				<p>AECOM</p>	
<p>Legend</p> <ul style="list-style-type: none"> Overall Watershed Boundary Road Evacuation Route Check Valves Channel Drop Structure Pipe 		<p>Link Improvement</p> <ul style="list-style-type: none"> No Improvement Improved Channel Improved Drop Structure Improved Pipe 		<p>Current Condition 25Y Flood Depth (ft)</p> <ul style="list-style-type: none"> 0 ft - 0.5 ft 0.5 ft - 1.0 ft 1.0 ft - 1.5 ft 1.5 ft - 2.0 ft > 2.0 ft 	
		<p>Improved Condition 25Y Flood Depth (ft)</p> <ul style="list-style-type: none"> 0 ft - 0.5 ft 0.5 ft - 1.0 ft 1.0 ft - 1.5 ft 1.5 ft - 2.0 ft > 2.0 ft 		<p>Area 7</p>	
		<p>Scale: 1 inch = 600 feet</p> <p>0, 200, 400, 800, 1,200, 1,600 Feet</p> <p>Typical Scale</p>		<p>Figure 9-8</p> <p>April 2019</p>	

Figure 9-8. Area 7: Current Condition 25 Year Flood Depth, Improved Condition 25 Year Flood Depth, and Improved Links

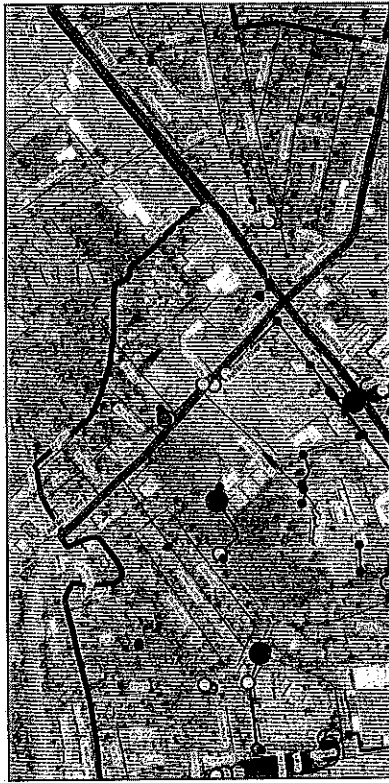


Figure 9-9a - Current Condition 25 Year Flood Depth

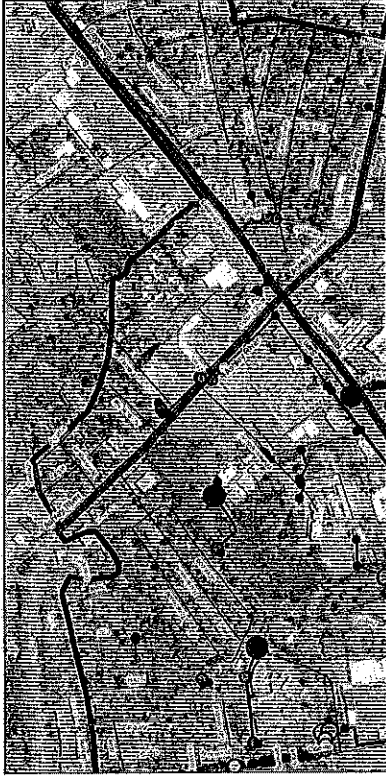


Figure 9-9c - Improved Condition 25 Year Flood Depth

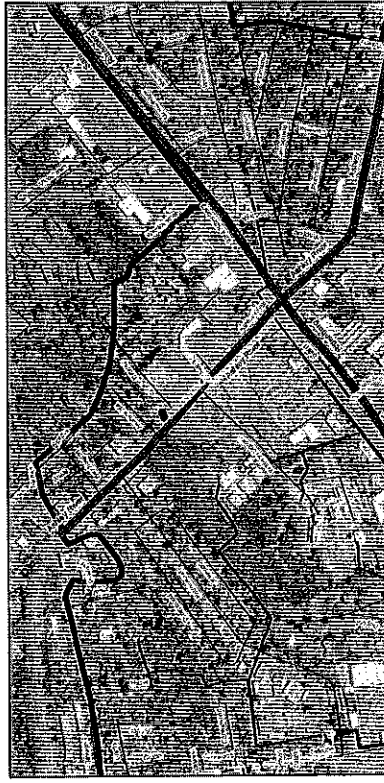


Figure 9-9b - Improved Links

				<p>AECOM</p>	
<p>Site Location:</p>		<p>Area 8</p>		<p>Figure 9-9</p>	
<p>Scale: 1 inch = 800 feet</p>		<p>Scale: 1 inch = 1,500 feet</p>		<p>April 2019</p>	
<p>Legend</p>		<p>Link</p>		<p>Current Condition 25Y Flood Depth (ft)</p>	
<p>Overall Watershed Boundary</p>		<p>No Improvement</p>		<p>0 ft - 0.5 ft</p>	
<p>Road</p>		<p>Improved Channel</p>		<p>0.5 ft - 1.0 ft</p>	
<p>Evacuation Route</p>		<p>Improved Drop Structure</p>		<p>1.0 ft - 1.5 ft</p>	
<p>Check Valve</p>		<p>Channel</p>		<p>1.5 ft - 2.0 ft</p>	
<p>Drop Structure</p>		<p>Pipe</p>		<p>> 2.0 ft</p>	

Figure 9-9. Area 8: Current Condition 25 Year Flood Depth, Improved Condition 25 Year Flood Depth, and Improved Links

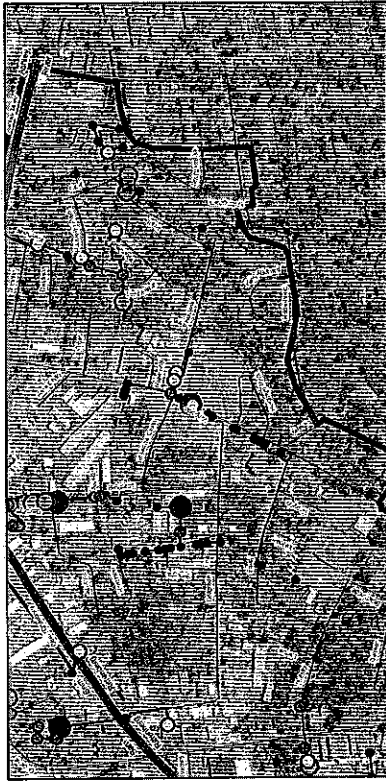


Figure 9-10a - Current Condition 25 Year Flood Depth

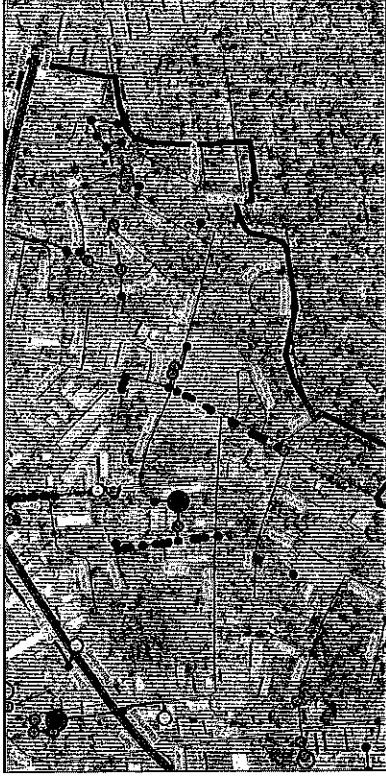


Figure 9-10c - Improved Condition 25 Year Flood Depth



Figure 9-10b - Improved Links

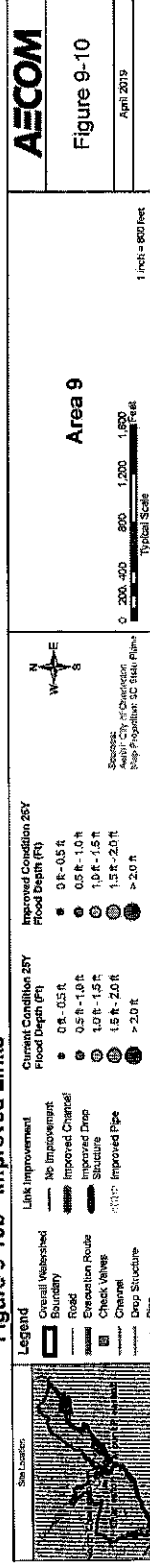


Figure 9-10. Area 9: Current Condition 25 Year Flood Depth, Improved Condition 25 Year Flood Depth, and Improved Links

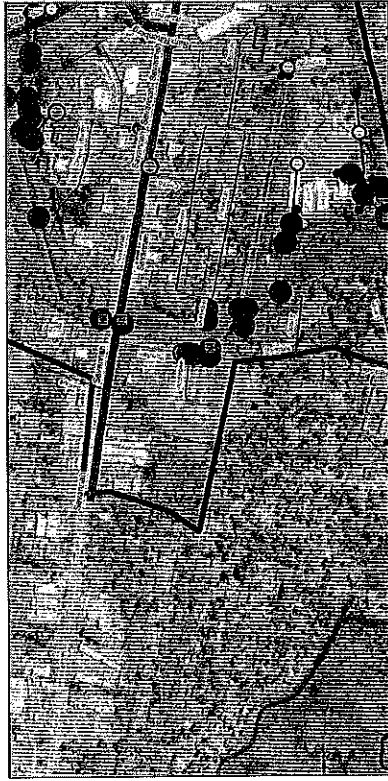


Figure 9-11a - Current Condition 25 Year Flood Depth



Figure 9-11c - Improved Condition 25 Year Flood Depth



Figure 9-11b - Improved Links

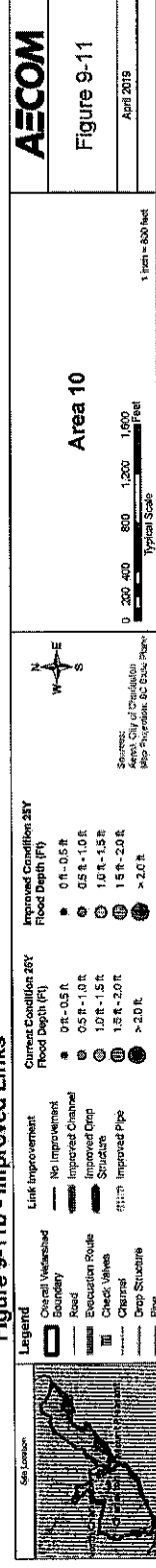


Figure 9-11. Area 10: Current Condition 25 Year Flood Depth, Improved Condition 25 Year Flood Depth, and Improved Links