



Joint City – BPW Capital Projects Meeting

July 28, 2025



Fourth Street & Park Avenue

Design Phase

- BPW Improvements:
 - Replace water main, water services, hydrants and valves, replace/rehab sewer main, manholes, laterals, stormwater mains, and inlets.
 - Conceptual Cost Estimate: \$5,331,373
- City Improvements:
 - Full reconstruction with option of select areas of porous pavement if infiltration testing is favorable.
 - Street improvements including: ADA compliant sidewalks, ADA ramps, curbing, and traffic calming measures
 - Conceptual Cost Estimate: \$3,256,715



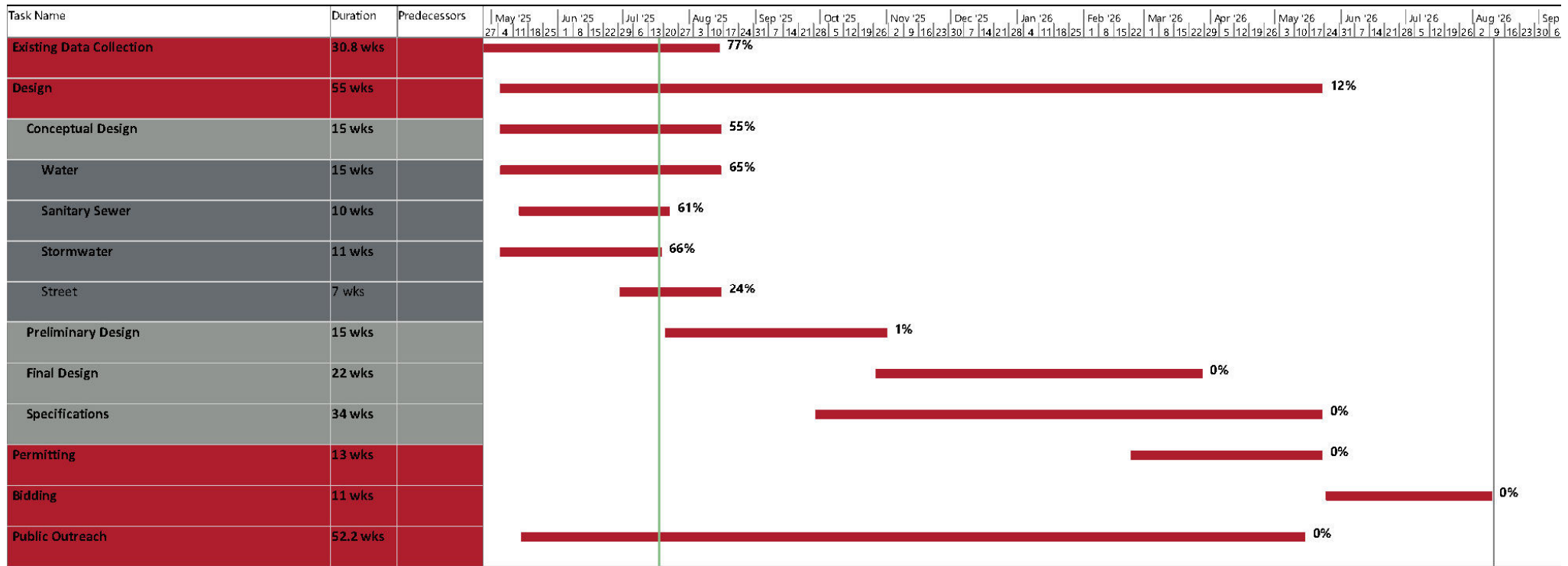
Fourth Street & Park Avenue

Design Phase

- Status:
 - Almost complete the conceptual design phase
 - Water modeling to determine proposed water main sizing.
 - Completed drainage area mapping to model stormwater main existing vs proposed sizes.
 - Completed revising sewer model and confirm sewer main sizing.
 - Starting to consider street options.
 - Evaluating traffic conditions and impacts.
 - Would like to set up a meeting with 1-2 representees from the Burton Subdivision and City staff to review traffic concerns and proposed streetscape for Park Ave.
 - Anticipating meeting with the Bike Ped committee at their August 26 meeting.



Fourth Street & Park Avenue



Hoornkill Avenue – Water/Sewer/Streets

Design Phase

- BPW Improvements:

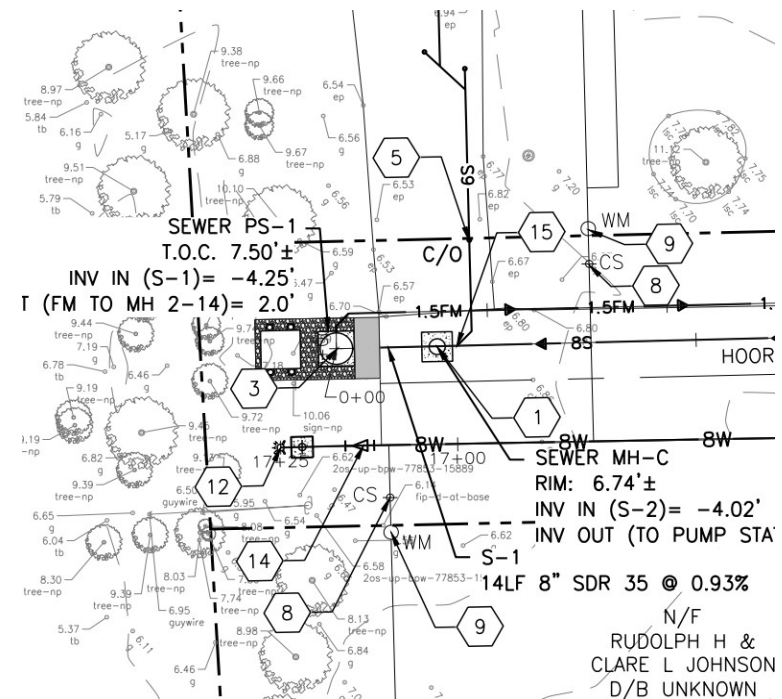
- In City Portion: Replacement of Water Main and services, CIPP lining of Sewer Main and replace services, replace existing pump station
- Out of City Portion: Install new water main and services to homes, install new gravity sewer main and laterals to homes, abandonment of existing wells & septic systems
- Conceptual Cost Estimate: \$2,622,000
 - Grant Funding: \$836,000

- City Improvements:

- Reconstruction with option of porous pavement if infiltration testing is favorable
- Conceptual Cost Estimate: \$361,000

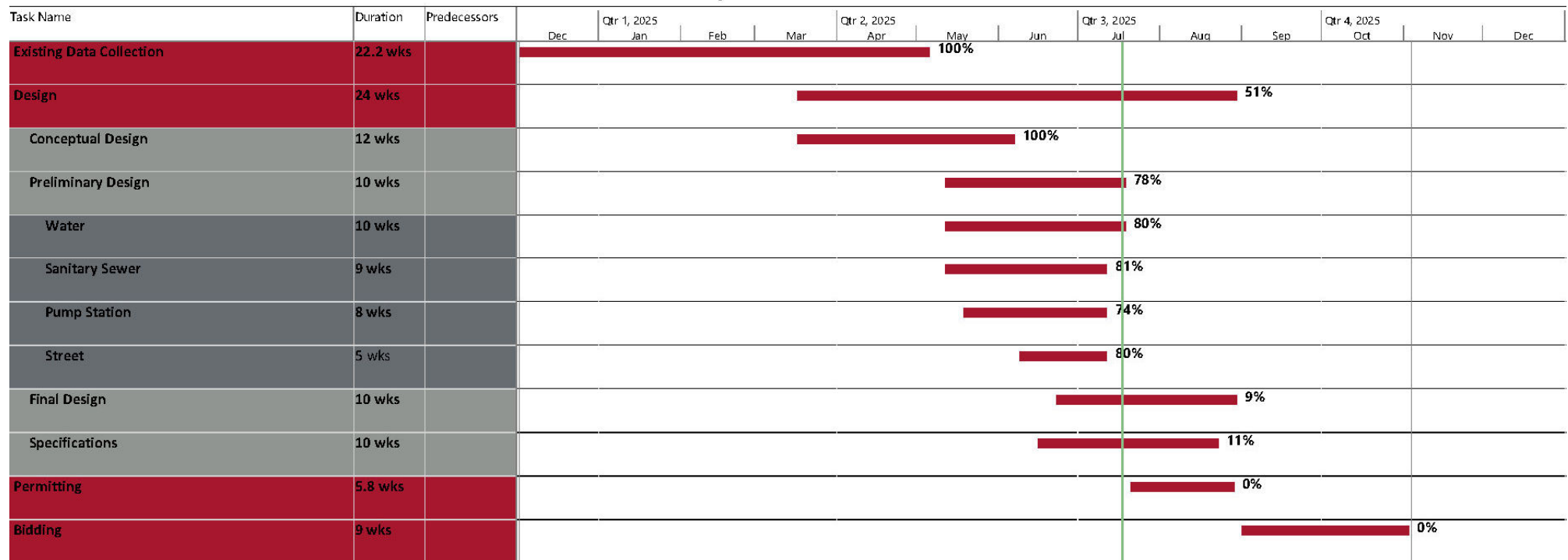
Status:

Design underway – working on pump station – specifically working through the resiliency approach, utility lines in the street have been laid out on the plans. Geotechnical work is scheduled in the beginning of August.



Hoornkill Avenue – Water/Sewer/Streets

Lewes Board of Public Works Hoornkill Ave Water/Sewer Improvements Project Schedule



Alaska Avenue Improvements

Permits Acquired

- BPW Improvements: Replacement of Water Main and services, CIPP lining of Sewer Main and reline lateral
- City Improvements: Full reconstruction with porous pavement and drainage swale
- Overall Construction Cost Estimate: \$438,000
- Status:
 - City, BPW & GMB met mid-July to discuss how the project is to be completed along with developer cost sharing responsibilities.



Monroe/Railroad/Adams Avenue

Final Design Phase

- BPW Improvements: Replacement of Water Main and services (Monroe Ave.), tie over services to existing water main (Railroad Ave.), new sewer main and replace services, new stormwater main and inlets
 - Construction Cost Estimate: \$1,350,000.00
- City Improvements: Full reconstruction with sections of porous pavement, ADA ramps, ADA compliant sidewalk, and curbing.
 - Construction Cost Estimate: \$1,137,640.00 not including FEMA funding
 - FEMA Funding \$587,000.00 Funding Revoked on April 2, 2025
- Status:
 - Project is in the final stages. Need to work through the funding of the project, specifically related to the permeable pavement with BRIC funding loss.



Existing
Data
Collection

Concept
Design

Preliminary
Design

Final
Design

Bidding

• 85% Complete

Marina Drive

Concept Phase

- BPW Improvements:
 - Nothing on the Capital Improvements Plan.
 - May be light catch basin repair due to root intrusion as two catch basins have bushes covering entire basin.
- City Improvements:
 - Anticipated 1.5" Mill and Overlay
 - Catch basin top unit replacement
 - Concept Cost Estimate: \$92,000
- Status:
 - City requested a proposal for this work – street work to be completed in 2025 or early 2026

