Annapolis Street Reconstruction Project CP 23-1

April 11, 2022
2023 – 2024 Construction
Annapolis Street Reconstruction Project

PROJECT AREA MAP

Scope of project improvements:

- Full pavement, curb and gutter, and sidewalk reconstruction
- Storm sewer and utility reconstruction as needed
- Driveway apron reconstruction
- Explore options to add bicycle lanes or trails
- Review for safety and traffic operations improvements at Annapolis Street, Charlton Street, and Dodd Road Intersection
Annapolis/Dodd/Charlton Intersection – Option A
Annapolis/Dodd/Charlton Intersection – Option B
Annapolis/Dodd/Charlton Intersection – Option B
Option 2 Obstacles

• Significant clearing and grubbing at 897 Ohio Street

• Temporary and permanent easements at 897 Ohio Street; road moving closer to the existing home

• Increased project costs due to changes with storm sewer, sidewalk reconfiguration, curb and gutter, temporary and permanent easements

• Sight distance concerns at Hurley Street

• Would remain an ‘awkward’ intersection
Annapolis/Dodd/Charlton
Intersection – Option B
Annapolis/Dodd/Charlton Intersection – Option C
Dodd Road
Possible On-Street Parking
Dodd Road
Possible On-Street Parking
Traffic Modeling

Option B
• Intersections operate and Level of Service (LOS) B or better during peak hours except for southbound Ohio Street at Annapolis which operates at LOS C
• Eastbound queue on Annapolis is approximately 3 vehicles at Charlton

Option C
• Intersections operate at a LOS B or better during peak hours except the Ohio Street intersection at Annapolis which operates at LOS C
• Eastbound queue on Annapolis is approximately 3 vehicles at Charlton
• New tee intersection of northbound Dodd at Annapolis would be 50-60 feet west of new Charlton and Annapolis all-way stop intersection and basically out of the queuing area.

Conclusion
• Neither option is more preferred from a traffic standpoint
• Confirms acceptable delay and LOS in both scenarios
Next Steps?

Option B?
• Meeting with property owners
• Starting the temporary and permanent easement process
• Continuing to refine the design/sight distant limits

Option C?
• Reviewing median length to allow properties full access on the north side of Annapolis
• Refine minimum width of Dodd at Annapolis for shortest crossing for pedestrians

Parking Bay on Dodd?
• Refine design to see actual limits of disturbance
• Meet with property owners to discuss impacts