Agenda (from Public Informational meeting)

▪ Background to Project – How We Arrived Here

▪ General Roundabout Principles/Operations

▪ Roundabout Layout

▪ Traffic Operations, Truck Maneuvers, Parking

▪ Potential Materials

▪ Summary and Questions/Discussion
Existing Conditions - Aerial
Franklin Street, north of Franklin Sq., converted to two way traffic flow in 2017.
Franklin Square Vision

- Center of Downtown
- Remove One-Way Flows, Signal
- Improve Downtown Traffic Flow
- Extend Gateway Streetscape
- DPW Visioning
- Community Connectivity Grant
General Roundabout Information

- Yield at Entry!
- Circle Flow Has ROW
- Counterclockwise Flow
- Good Geometry – Critical!
  - Slows Speeds
  - Intuitive To Drivers (Most)
- Accommodates Design Vehicles
- Safe For Pedestrians and Bicyclists
- Provides Adequate Sight Distance and Visibility
Roundabouts Introduction

Benefits

**Intersection**
- 32 Vehicle conflicts
- 24 Pedestrian conflicts

**Roundabout**
- 8 Vehicle conflicts
- 8 Pedestrian conflicts
Existing Conditions - Aerial
Conceptual Plan showing changes to parking

Existing On-Street Parallel Parking: 29 Spaces (approx.)
Proposed Angle Parking: 6 (Bath Street) + 12 (City Landing) = 18 Spaces
Proposed On-Street Parallel Parking: 18 Spaces
Total Proposed Parking: 36 Spaces (Net Addition of 7 Spaces)
Truck Maneuverability

SU-30 Turning Radius

SU-30 Truck Profile
1"=10'

WB-62 Truck Profile
1"=10'

Legend:
- RAH Garden
- Concrete Sidewalk
- Grass
- Street Print (Brick Pattern)
- Install Catch Basin
- Convert Catch Basin to Manhole YOARD drain

Franklin Street Roundabout
WB-62 Turning Radii
February, 2020
Norwich, CT
Scale 1"=20'
Sheet 4 of 4
Floodplain Mapping
Constructability

- Peak Hours
  - Maintain Intersection Operations
  - Detours Where Feasible
  - *Maintain Business Access!*

- Simple Construction Phases

- KEY - Implementation of Roundabout Traffic Flow During, not after Construction

- Police Department Concurrence
Construction: Material Delays
Construction – Minimizing Road Closures
Detour Options...
Construction – Maintaining Traffic
Construction – Nearing Completion
Before & After
Summary

- Construction Summer 2021
- Improve Traffic Flow
- Retain Streetscape Materials
- Maintain Parking – Adjust Locations
- Questions and Comments