

The background of the slide features a large, faint, light blue watermark of the Seal of the City of Meriden. The seal is circular and contains a central shield with a figure, surrounded by a laurel wreath and the text "CITY OF MERIDEN" and "1836".

**Traffic and Flood Control Improvements
in the
Transit Oriented Development District
Project Updates**

Tuesday, November 29, 2016

Meriden Public Library

Presentation Format

- Project Goals and Overview
- Sidewalk Rehabilitation / Bumpout Removals
- Two-Way Traffic Conversion
 - Perkins Square
 - Downtown Signals
- Harbor Brook Flood Control
- Pratt Street Gateway
 - Semi-Final Design Information Session

Project Overview - Goals

- Encourage a vibrant downtown for residents and businesses
- Enhance vehicular and pedestrian safety
- Mitigate traffic impacts associated with increase rail crossing closures
- Leverage other projects in Downtown

Project Overview - Objectives

- Coordinate roadway improvements with other major projects
 - Transit Oriented Development District Zoning
 - Train Station and Hartford rail service
 - Flood Control
 - Brownfield redevelopment
 - Housing (24 Colony St, 177 State St, 11 Crown St)

Project Overview - Strategies

- Implement two-way traffic on West Main Street / East Main Street, Cook Ave, Hanover Street and Perkins Square
 - Benefit downtown businesses
 - Improve traffic circulation
 - Pedestrian and bicycle networks
- Create Boulevard on Pratt Street as a gateway
- Enhance existing streetscape
 - Color banding, decorative features
 - Street trees and landscaping
 - Improved pavement surface

West Main St and Colony St Sidewalk Improvements

- New sidewalks on West Main St and Colony St
- Removal of Barrister's Court signal
- On-Street Loading and Parking Enhancements
- New trees / tree pits / color banding
- Spring 2017
- DECD grant \$300k
- City Bond funds

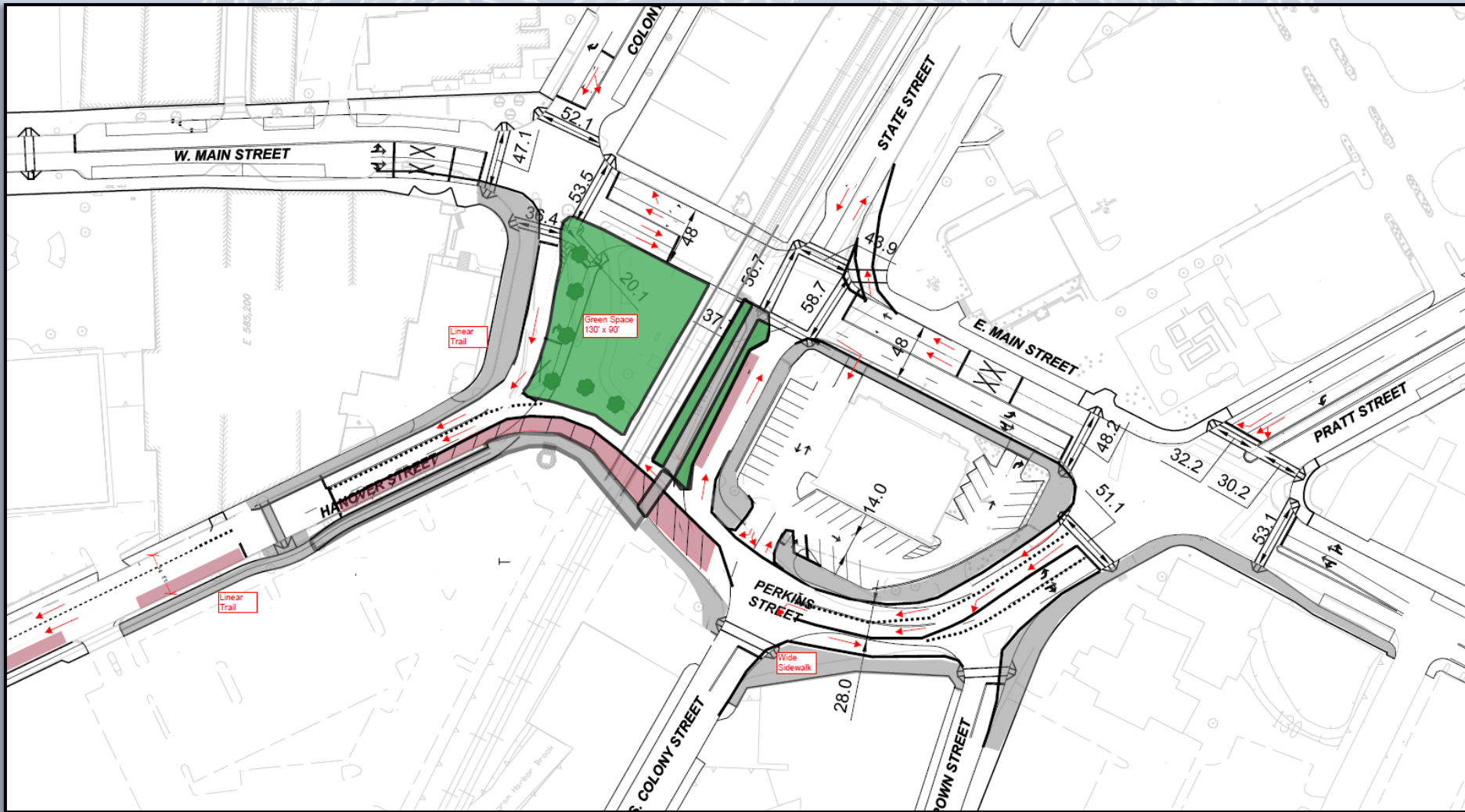
Sidewalk Improvements – Colony St and Meriden Green

- State St, Mill St, Pratt St, Colony St
- Sidewalk and curb replacements (as needed)
- Spring 2017
- State of CT OPM Grant - \$869,000
- One of 15 communities selected

Two-Way Traffic Conversion / Perkins Square

- Improve circulation through downtown
- Improve access to businesses and services
- Preliminary plans
 - Challenges due to rail crossing
- Modified two way concept approved by DOT
- East Main St / West Main St – Two Way
Currently in preliminary design

Two-Way Traffic Conversion / Perkins Square



Two-Way Traffic Conversion

Concept Review

- East Main St / Pratt St
 - Reduces future delay
 - Allows full movement
- Removes two signals
- Improves East - West coordination
- Increase # of approaches at rail crossing from 4 to 5
- Westbound access via Hanover St and East Main St
- Requires funding for widening East Main Street and realigning Perkins Square

Two-Way Traffic Conversion Concept Review

- Perkins Square
 - Maintain existing curblines
 - Minimize impacts to Wells Fargo
 - Enhance corner radii
 - Wider sidewalks
 - Safe and efficient access for development
 - Provide two way and one way traffic
 - Enhanced outbound access connection to South Meriden

Downtown Signals

- Congestion Mitigation and Air Quality (CMAQ) Grant
 - One of thirteen communities
 - 13 Signals
 - \$2.9 million
 - Design 35% complete
 - Anticipated Construction 2018

Downtown Signals

- Signals nearing end of useful life
- Prepare for increased Hartford Line rail use
- Two way conversion
- Replace 4 signals
- Modify 7 signals
- Remove 2 signals

Downtown Signals

- Cook Ave
 - Two-way from Hanover St to Cook Ave
- Hanover St Corridor
 - Two-way from Cook Ave to South Grove Street
- East Main Street / West Main St Corridor
 - Two-way from Pratt Street to Cook Ave
- Church St
 - Two-way from Colony Street to Barristers Ct
- Perkins Square
 - Two-way from East Main Street to South Colony St

What has been done so far

- First Mile / Last Mile Transit study
- Eversource Gas upgrades
- Mills redevelopment and pending demo
- 24 Colony St and parking garage
- Meriden Green
- Train Station
- TOD Development under contract / pending
 - 11 Crown St (Record Journal)
 - 177 State St
 - 116 Cook Ave
 - Former Hospital

What has been done so far

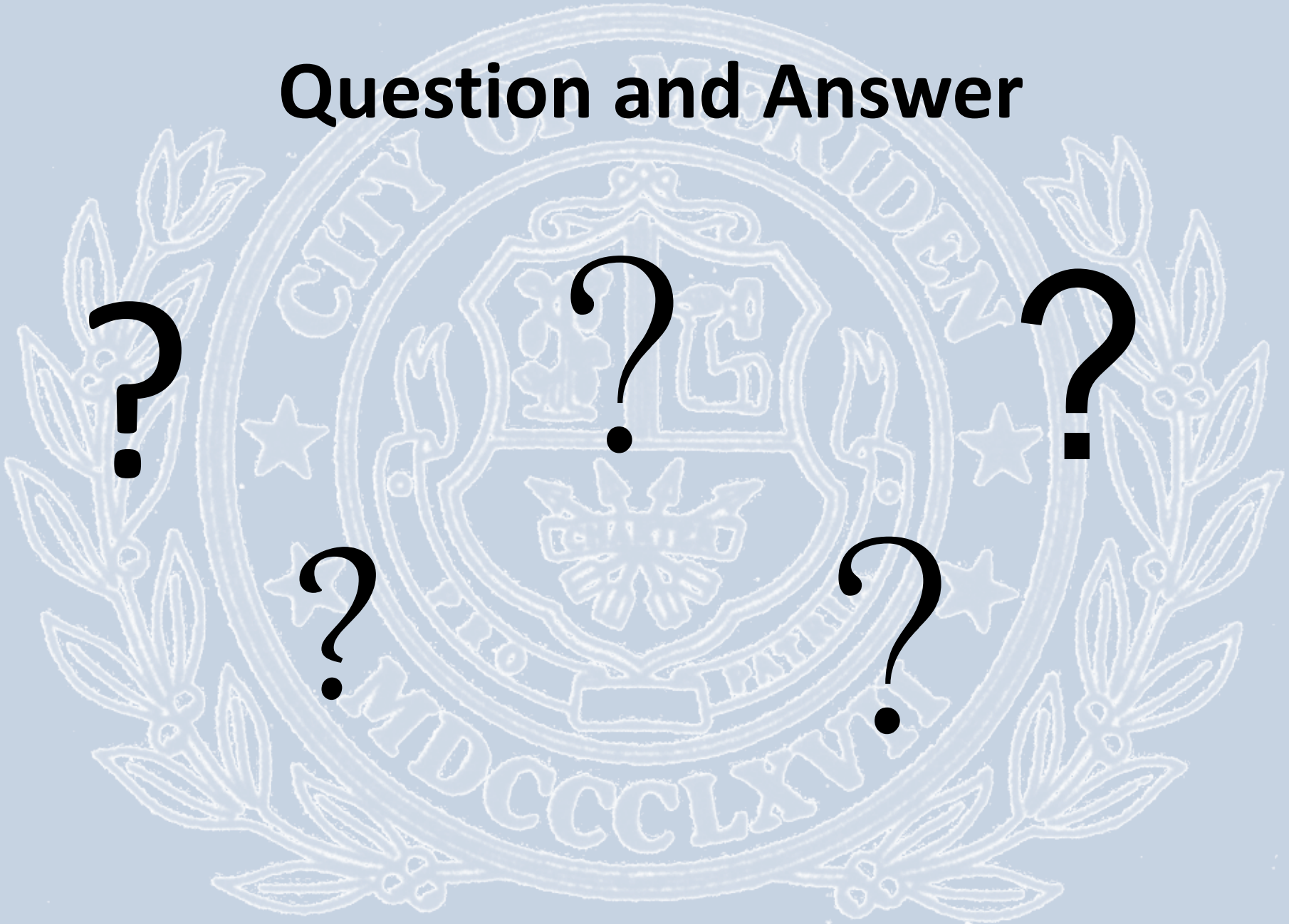
Harbor Brook

- Bradley Ave Bridge
- Coe Ave Bridge
- Columbus Ave Culvert Rehabilitation
- Cook Ave Bridge
- Demolition of 31/33/51 South Colony St
- Meriden Green
- Falcon Field Detention Basin
- Barr Road Mitigation

Harbor Brook Flood Control

- Cooper St Bridge
 - Funded 50% State / 50% Local
 - Anticipated Construction Date 2017
- Amtrak Bridge
 - Locally Funded
 - Anticipated Construction Date 2017
- Mill Street Bridge Removal
 - Design Anticipated to begin 2017
- Cedar St Bridge
 - Design Anticipated to begin 2017
- Center St Bridge
 - Funded Federal and Locally
 - Construction 2018
- Cooper St to Bradley Ave Channel Improvements
 - Design 75% complete
 - Anticipated Construction 2017

Question and Answer



For More Information

Harbor Brook

Robert Bass, P.E. Director of Public Works
203-630-4019

Downtown Traffic

Howard Weissberg, Associate City Engineer
203-630-4022

Cook Ave two way conversion from Hanover St to Cook Ave

- Hanover Street at Cook Ave (Route 71 SB) (Southwest limit) NEW
- West Main Street at Cook Ave (Route 71 SB) (Northwest limit) NEW

Hanover St Corridor

- Hanover Street at Butler Street MODIFY
- Hanover Street at South Grove Street MODIFY
- Hanover Street at Senior Center (Pedestrian-activated signal) MODIFY
- Hanover Street at South Colony Street REMOVE

East Main Street / West Main St Corridor

- East Main Street at Pratt Street (East limit) NEW
- East Main Street / West Main Street at Colony Street NEW
- West Main Street at Barristers Court REMOVE (2017)
- West Main Street at Police / Court Complex (Pedestrian-activated signal) MODIFY
- West Main Street at Grove Street MODIFY

West Main Street at Butler Street MODIFY

Church St two way conversion from Colony Street to Barristers Ct

- Colony Street at Church Street MODIFY

Perkins Square

- Perkins Square at Crown St REMOVE



MACHINE LOCATIONS (126)
2013 ADT
COUNTED: AUG/SEP/OCT

MERIDEN

CONNECTICUT

PREPARED BY THE

* 2010 ADT (not counted on 2013)

* ACF 0.98 APPLIED TO ROUTE 70 FROM ROUTE 68 (E JCT) IN CHESHIRE (BASED ON STATION 5188 MERIDEN 2013)

** ACF 0.99 APPLIED TO ROUTE 71 FROM I-691 WB ON RAMP IN MERIDEN (BASED ON STATION 5070 MERIDEN 2013)

*** ACF 0.97 APPLIED TO US 5 FROM I-691 WB OFF RAMP IN MERIDEN (BASED ON STATION 5408 MERIDEN 2013)

**** ACF 0.97 APPLIED TO EAST MAIN STR FROM ROUTE 66 IN MERIDEN TO US 5 (BASED ON STATION 5411 MERIDEN 2013)

