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Title: East Main Street Operational Analysis and Restriping Plan Update
PURPOSE: The purpose of this agenda item is to provide the Town Council with an update on the status of the East Main Street Operational Analysis and an opportunity to review a conceptual design of a restriping plan prior to public engagement.

Indexes:

Code sections:

Attachments: 1. Attachment A - Resolution, 2. Attachment B - Staff Summary of EMSOA

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TITLE:

East Main Street Operational Analysis and Restriping Plan Update

PURPOSE: The purpose of this agenda item is to provide the Town Council with an update on the status of the East Main Street Operational Analysis and an opportunity to review a conceptual design of a restriping plan prior to public engagement.

DEPARTMENT: Planning

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INFORMATION:

In the fall of 2018, Town staff utilized the DCHC MPO on-call contract to select Stantec (the consultant that worked on the Franklin/Merritt Mill intersection project) to conduct a traffic analysis and restriping plan for E Main Street between Greensboro Street and Merritt Mill Road. The purpose of this analysis was to assess the feasibility of reducing the number of vehicle lanes and consider adding bicycle lanes and other pavement marking changes as part of the upcoming NCDOT resurfacing project. Work on this analysis began in the spring of 2019 and included development of future year (2030) traffic volumes, preliminary traffic analysis, and revised traffic analysis. A staff report summarizing the results of the East Main Street Operational Analysis (EMSOA) can be found as Attachment B.

Key design features of the conceptual design include:

- Bike Lanes beginning east of E Weaver/Roberson Street and continuing through Rosemary;
- Green Paint Bike Boxes on the westbound approach to E Weaver/Roberson Street, both directions at Lloyd Street, and at W Rosemary Street;
- Green Paint Intersection Markings at Lloyd Street and at W Rosemary St;
- Center Turn Lane between E Weaver/Roberson Street and W Rosemary Street;

- New Crosswalk on the west leg of the intersection with W Rosemary Street;
- Retain Parking on E Weaver Street and W Rosemary Street.

The traffic analysis and restriping concept plan are currently under review by NCDOT.

The following public input opportunities have been scheduled for residents and businesses to provide feedback on the conceptual design:

- Wednesday, March 11th: Presentation to Economic Sustainability Committee & Business Community, 7:30 PM @ Town Hall;
- Monday, March 16th: General Public Input Session, 5:00 PM @ Hickory Tavern (370 E Main St);
- Thursday, March 19th: Presentation to Transportation Advisory Board & Cycling Advocates, 7:30 PM @ Town Hall;
- Saturday, March 21st: General Public Input Session, 12:00 PM @ Town Hall;
- Final presentation to Council on March 24th, starting at 7:00 PM @ Town Hall.

FISCAL & STAFF IMPACT: There is no fiscal impact associated in receiving the update.

RECOMMENDATION: Staff recommend that Council consider the resolution (Attachment A) receiving the update and providing additional comments as desired.