

The **Town** *of*
Davidson

College Town. Lake Town. *Your Town.*

Agenda

- Where we are
- Overview of the project elements
 - Connector from Potts to Sloan
 - Multi-use trail along Potts/Sloan
 - Roundabout (Beaty/Griffith)
- Update on U-5873 (Potts/NC 115 Intersection)
- Schedule

Design Process

- ▶ Functional plans –
No survey. A starting point for planning.
 - ▶ Preliminary/Final Design – Survey and real impacts are developed
 - ▶ At Functional, we want feedback because the public knows more about the area than we do
 - ▶ At Preliminary/Final, we take into account concerns and refine the design on survey
- 

Design Process

- ▶ Our concepts are not final – they are flexible
 - ▶ Examples:
 - A multiuse trail – We will try to minimize disturbance as best we can. It may require the trail to meander to avoid impacts.
 - Realignment – Once we get survey, we will have detailed information about trees, utilities, and other features that will help drive the design.
 - Building impacts – We can evaluate curves to try to reduce impacts.
- 

Connector Alignment Alternatives

- 3 Alternatives

Goals

- Provide connectivity
 - Minimize neighborhood impacts
 - Minimize stream impacts
 - Minimize wetland impacts
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Connector Typical Sections

- Two 11' Lanes
- 2'-6" Curb and gutter
- 5' sidewalk, 10' Multi-use trail

Environmental Items

▸ Asbestos

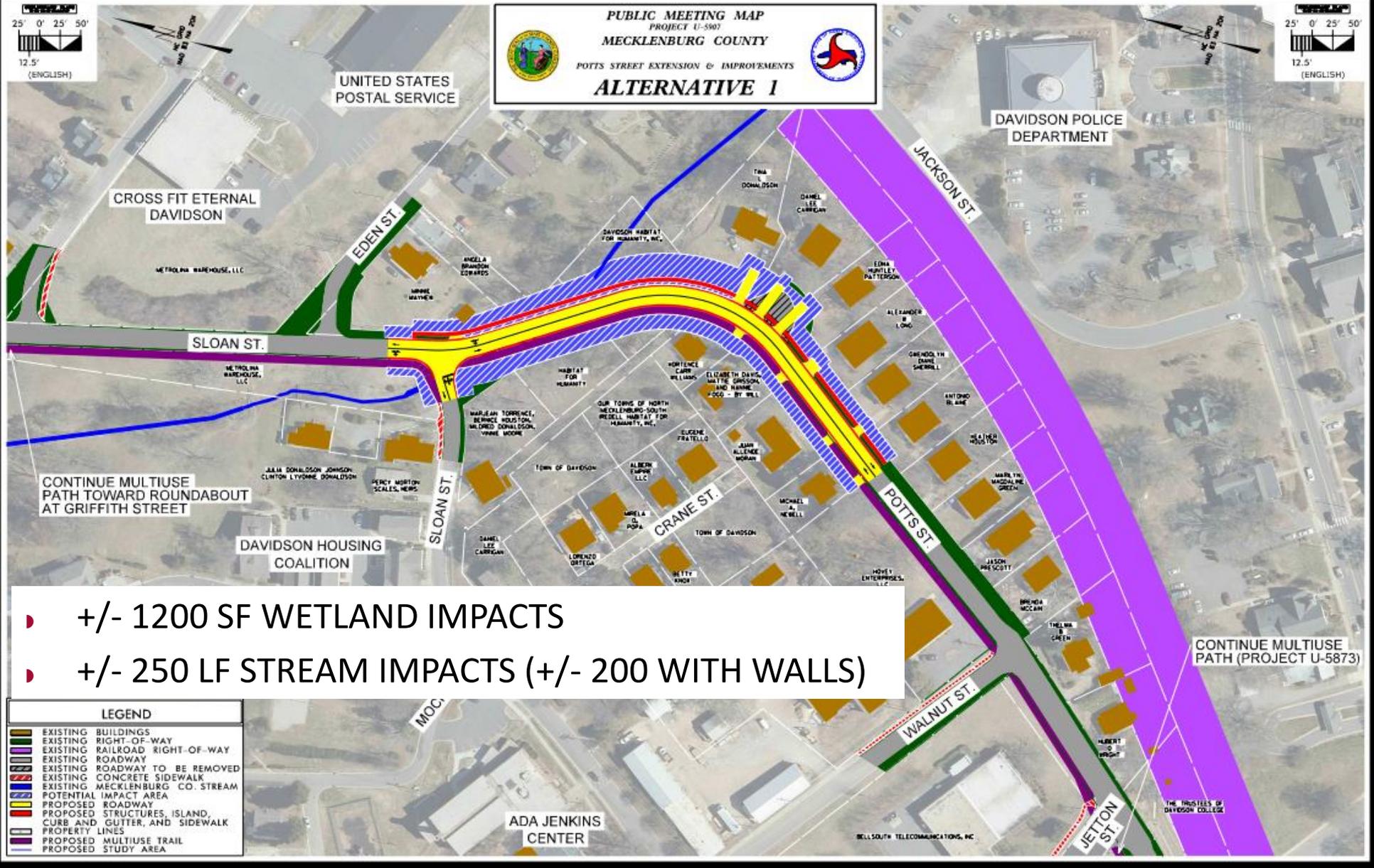
- Study complete

▸ Burial sites

- No burials within the project limits found

▸ Stream and Wetlands

- All alternatives expected to have similar impacts
- Within lowest-level permit threshold



PUBLIC MEETING MAP
 PROJECT U-5907
MECKLENBURG COUNTY
 POTTS STREET EXTENSION & IMPROVEMENTS
ALTERNATIVE 1

UNITED STATES POSTAL SERVICE

CROSS FIT ETERNAL DAVIDSON

EDEN ST.

SLOAN ST.

CONTINUE MULTIUSE PATH TOWARD ROUNDABOUT AT GRIFFITH STREET

DAVIDSON HOUSING COALITION

DAVIDSON POLICE DEPARTMENT

JACKSON ST.

POTTS ST.

WALNUT ST.

JETTON ST.

CONTINUE MULTIUSE PATH (PROJECT U-5873)

- ▶ +/- 1200 SF WETLAND IMPACTS
- ▶ +/- 250 LF STREAM IMPACTS (+/- 200 WITH WALLS)

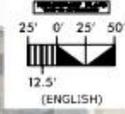
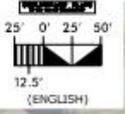
LEGEND	
	EXISTING BUILDINGS
	EXISTING RIGHT-OF-WAY
	EXISTING RAILROAD RIGHT-OF-WAY
	EXISTING ROADWAY
	EXISTING ROADWAY TO BE REMOVED
	EXISTING CONCRETE SIDEWALK
	EXISTING MECKLENBURG CO. STREAM
	POTENTIAL IMPACT AREA
	PROPOSED ROADWAY
	PROPOSED STRUCTURES, ISLAND, CURB AND GUTTER, AND SIDEWALK
	PROPERTY LINES
	PROPOSED MULTIUSE TRAIL
	PROPOSED STUDY AREA

MCC.

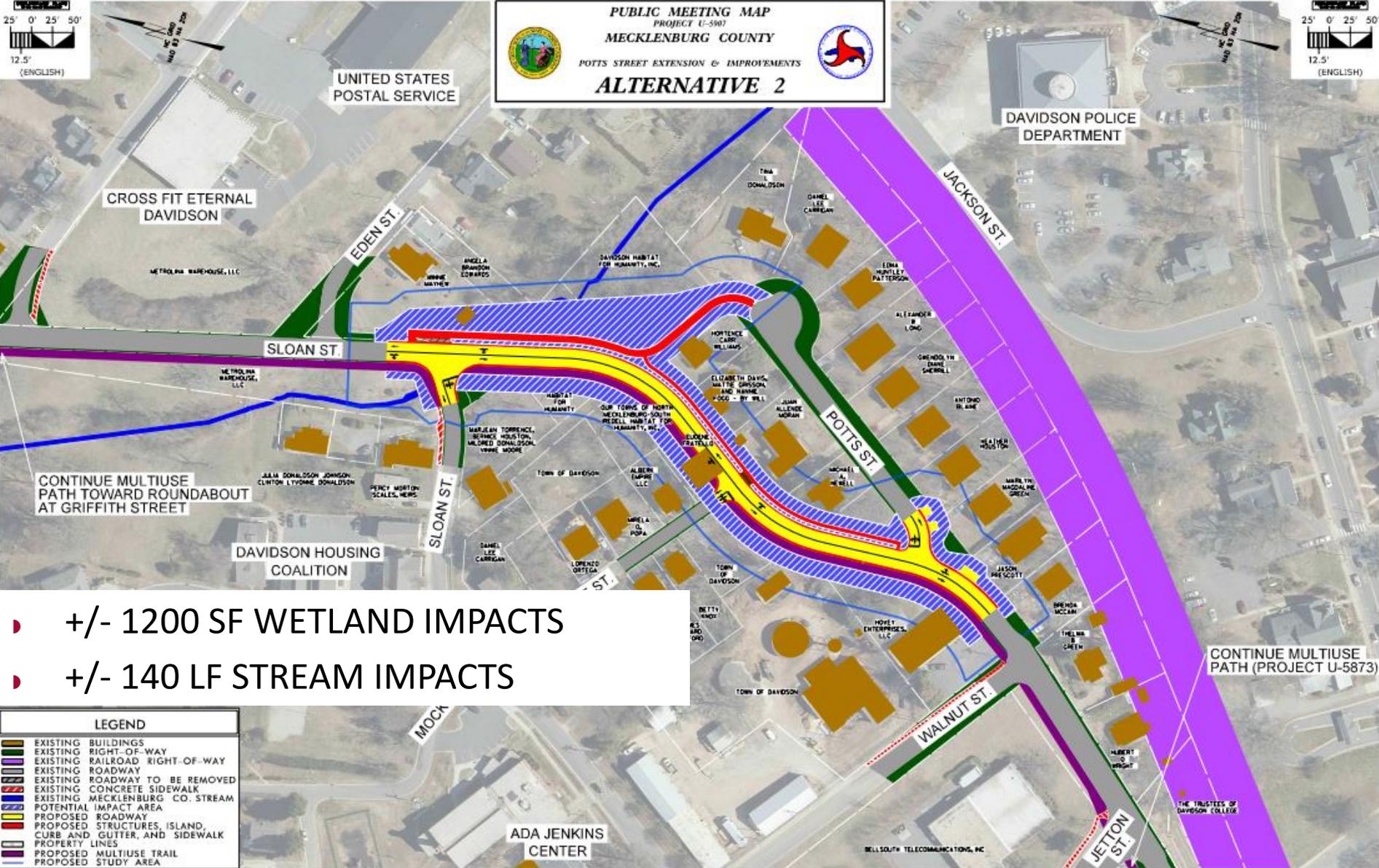
ADA JENKINS CENTER

BELLSOUTH TELECOMMUNICATIONS, INC.

THE PROFILES OF DAVIDSON COLLEGE



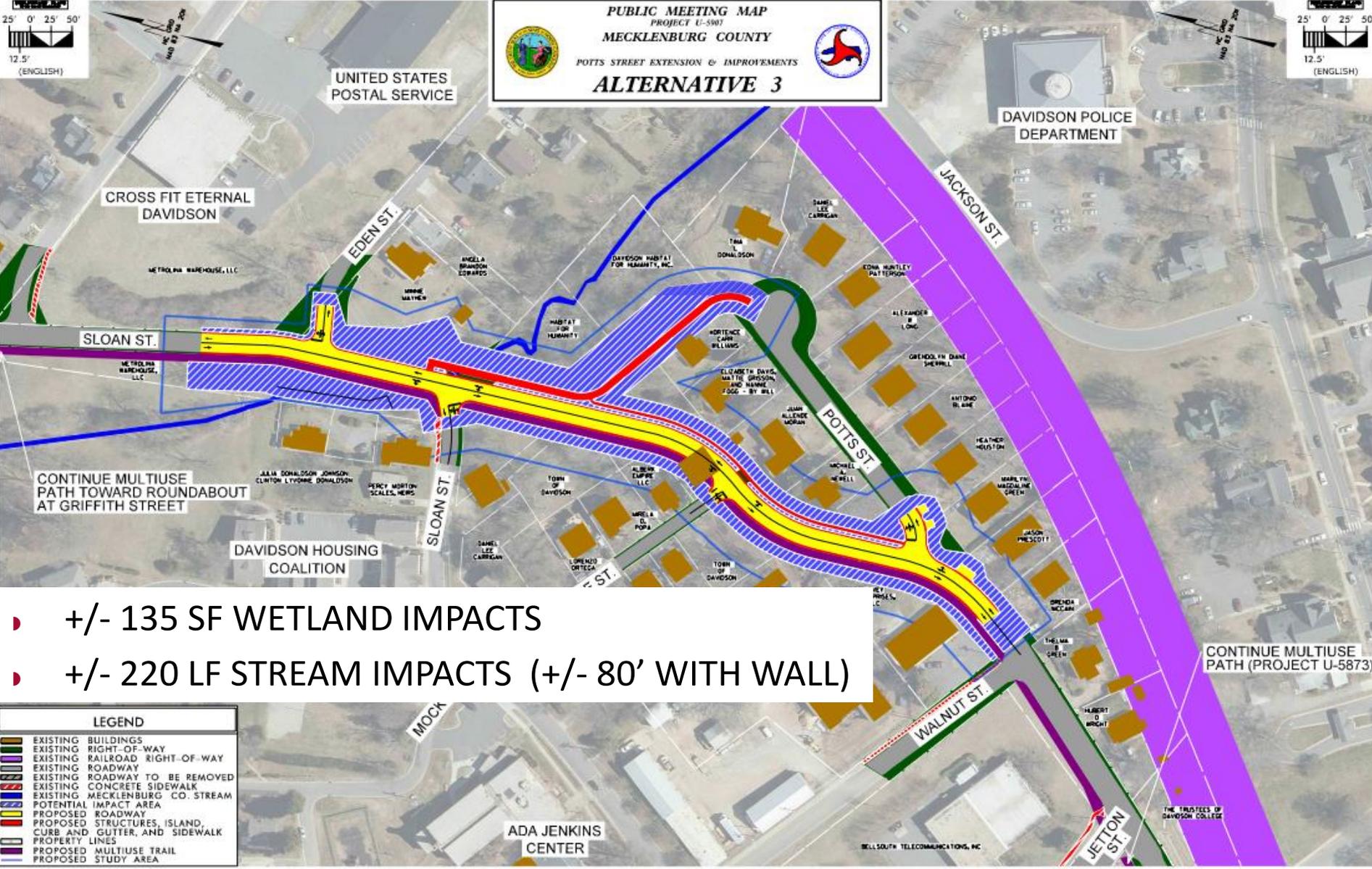
PUBLIC MEETING MAP
 PROJECT U-5807
MECKLENBURG COUNTY
 POTTS STREET EXTENSION & IMPROVEMENTS
ALTERNATIVE 2



- ▶ +/- 1200 SF WETLAND IMPACTS
- ▶ +/- 140 LF STREAM IMPACTS

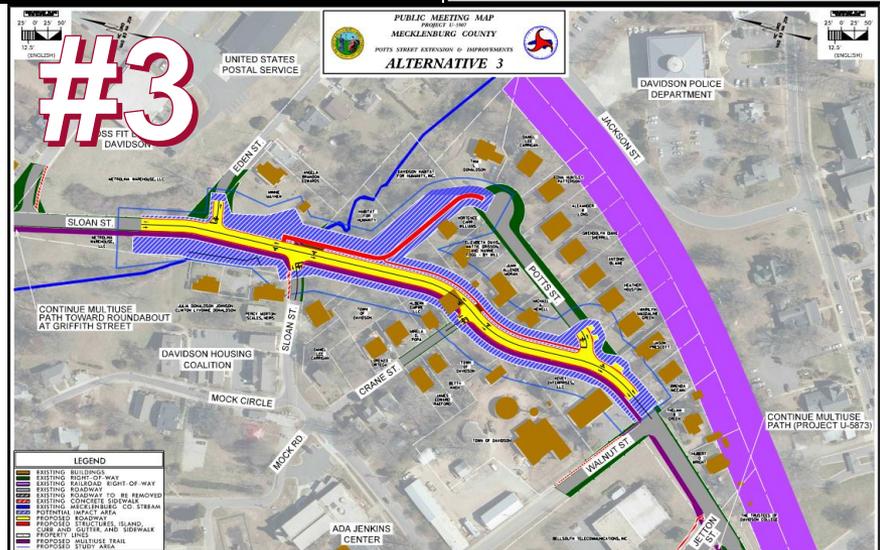
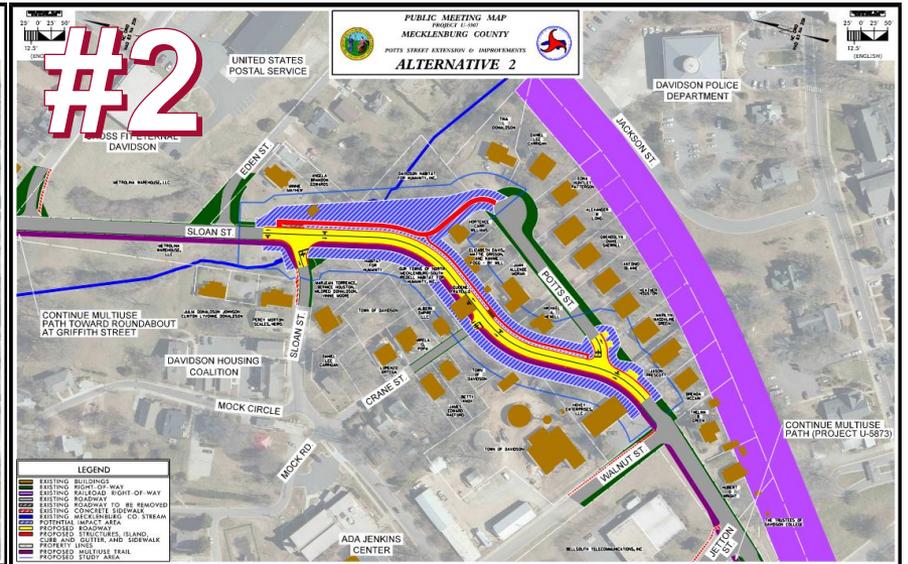
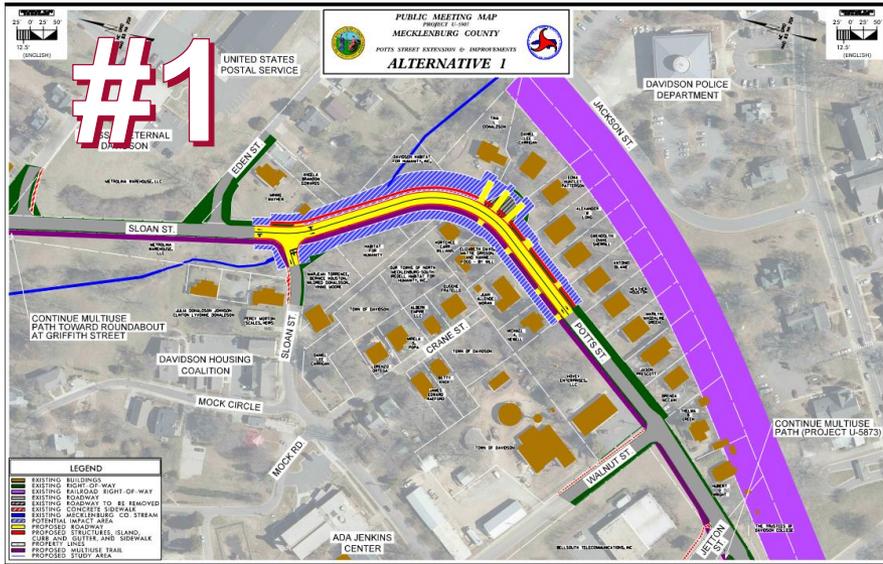
LEGEND	
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	EXISTING RAILROAD RIGHT-OF-WAY
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	PROPOSED ROADWAY
	PROPOSED STRUCTURES, ISLAND, CURB AND GUTTER, AND SIDEWALK
	PROPERTY LINES
	PROPOSED MULTIUSE TRAIL
	PROPOSED STUDY AREA


PUBLIC MEETING MAP
 PROJECT U-5807
MECKLENBURG COUNTY
 POTTS STREET EXTENSION & IMPROVEMENTS
ALTERNATIVE 3

- ▶ +/- 135 SF WETLAND IMPACTS
- ▶ +/- 220 LF STREAM IMPACTS (+/- 80' WITH WALL)

LEGEND	
	EXISTING BUILDINGS
	EXISTING RIGHT-OF-WAY
	EXISTING RAILROAD RIGHT-OF-WAY
	EXISTING ROADWAY
	EXISTING ROADWAY TO BE REMOVED
	EXISTING CONCRETE SIDEWALK
	EXISTING MECKLENBURG CO. STREAM
	POTENTIAL IMPACT AREA
	PROPOSED ROADWAY
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	PROPOSED MULTIUSE TRAIL
	PROPOSED STUDY AREA



Connector Alternative Comparison

• 3 Alternatives Evaluated

- Construction Cost
- Right-of-way Acquisition Cost
- Environmental Impact
- Neighborhood Impact

Connector Alternative Comparison

	Alternative #1	Alternative #2	Alternative #3
CONSTRUCTION	\$ 500,000	\$ 650,000	\$ 730,000
ROW	\$ 50,000	\$ 190,000	\$ 200,000
ENVIRONMENTAL	\$ 190,000	\$ 245,000	\$ 195,000
TOTAL CONNECTOR	<u>\$ 740,000</u>	<u>\$ 1,085,000</u>	<u>\$ 1,125,000</u>

Costs are planning level only and will change



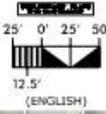
College Town. Lake Town. *Your Town.*

Connector Alternative Comparison

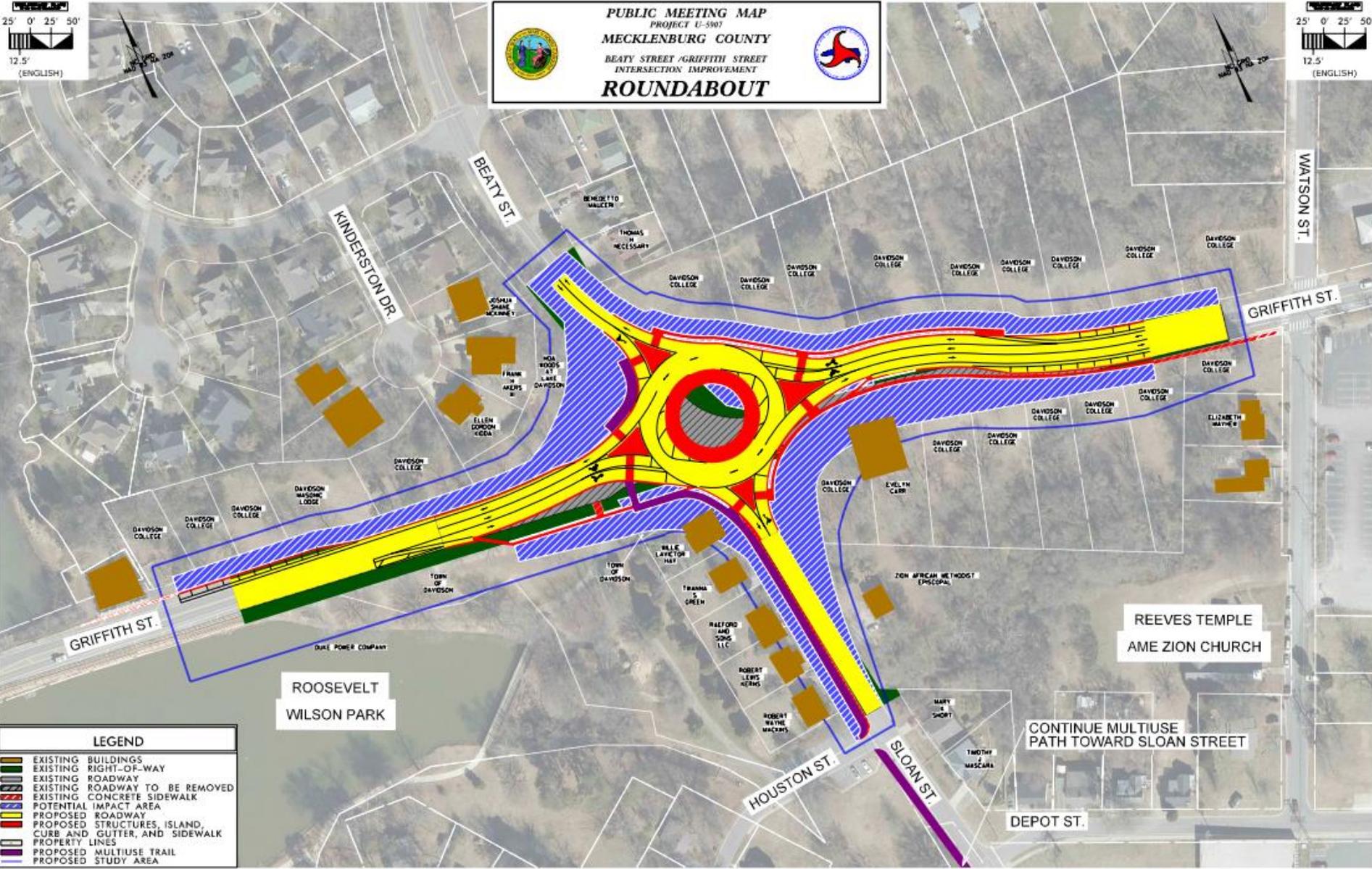
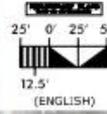
Alternative #1	Alternative #2	Alternative #3
\$ 740,000	\$ 1,085,000	\$ 1,125,000
Leaves Crane St. as dead end for now	Leaves Potts St. as cul-de-sac	Leaves Potts St. as cul-de-sac
Eliminates potential park site	Sandwiches houses between roadways	Sandwiches houses between roadways
Greater impact to stream	Requires demolition of one house	Requires demolition of one house
Greater loss of tree canopy	Provides connectivity to Crane St.	Provides connectivity to Crane St.

Roundabout at Beaty/Griffith





PUBLIC MEETING MAP
PROJECT U-5907
MECKLENBURG COUNTY
BEATY STREET / GRIFFITH STREET
INTERSECTION IMPROVEMENT
ROUNDBABOUT



LEGEND

- EXISTING BUILDINGS
- EXISTING RIGHT-OF-WAY
- EXISTING ROADWAY
- EXISTING ROADWAY TO BE REMOVED
- EXISTING CONCRETE SIDEWALK
- POTENTIAL IMPACT AREA
- PROPOSED ROADWAY
- PROPOSED STRUCTURES, ISLAND, CURB AND GLITTER, AND SIDEWALK
- PROPERTY LINES
- PROPOSED MULTIUSE TRAIL
- PROPOSED STUDY AREA

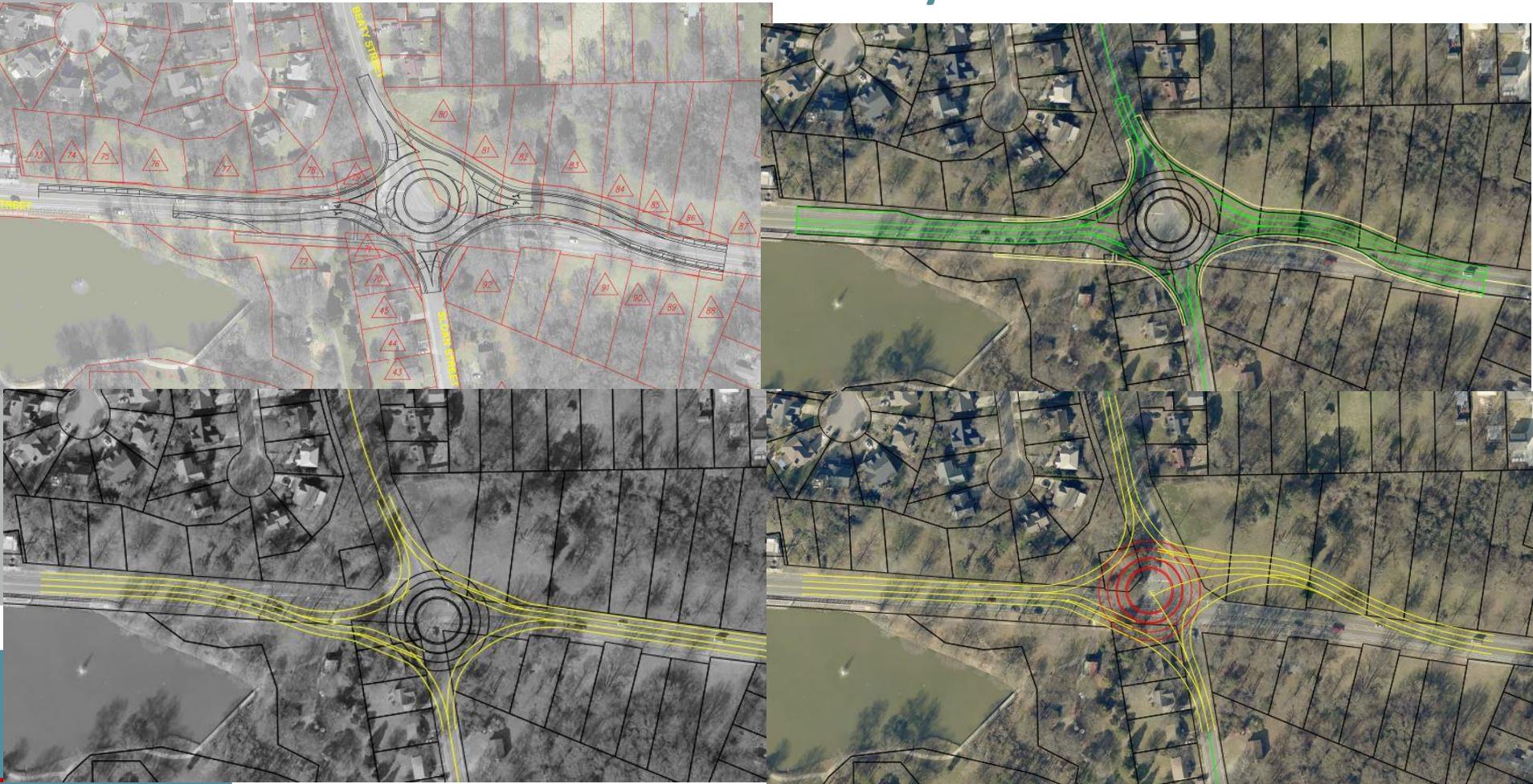
ROOSEVELT WILSON PARK

REEVES TEMPLE AME ZION CHURCH

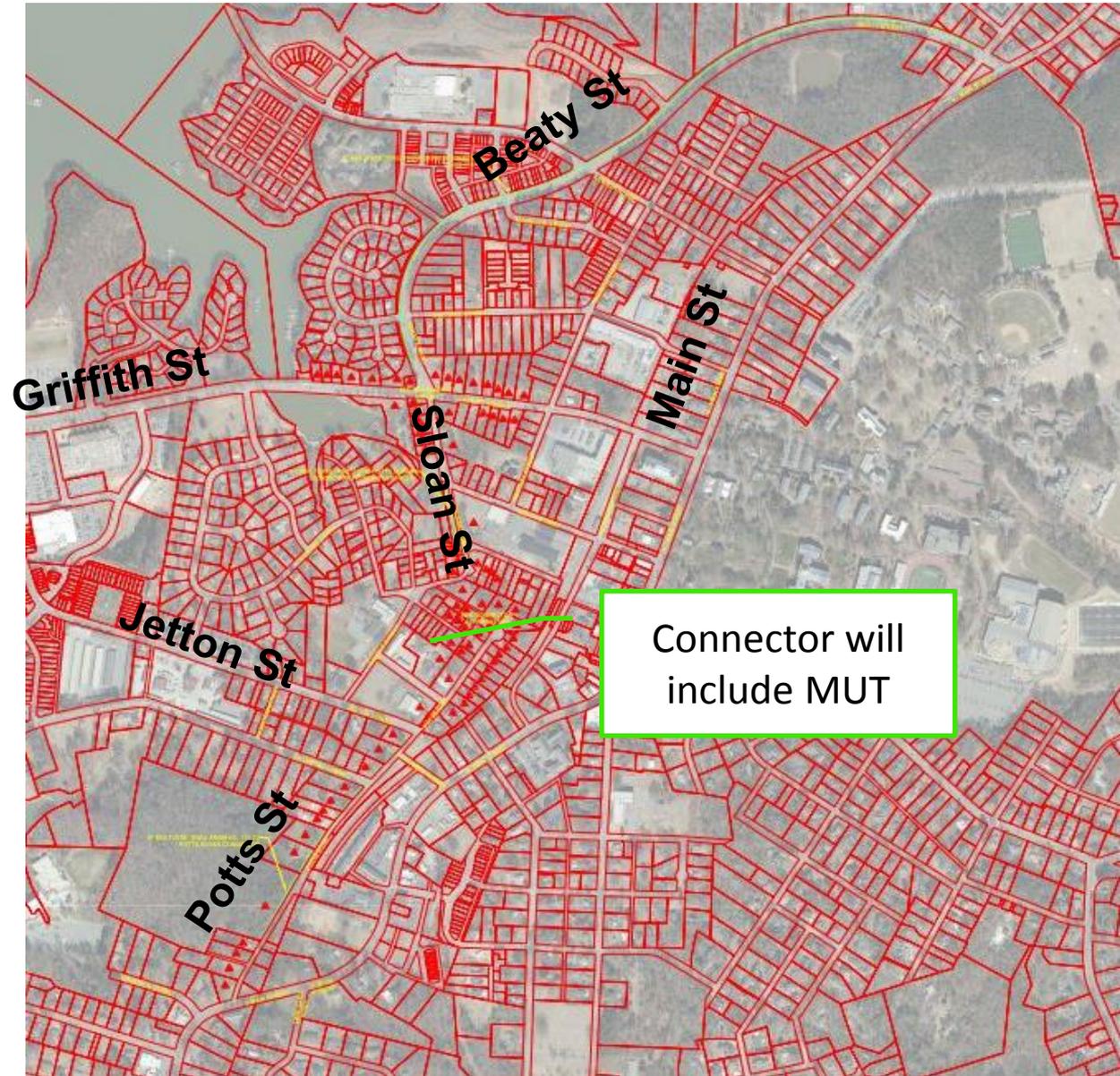
CONTINUE MULTIUSE PATH TOWARD SLOAN STREET

DEPOT ST.

Roundabout at Beaty and Griffith



Multi-Use Trails (MUTs)



Construction Costs

Roundabout	1,600,000
MUT – Potts Street from NC 115 to Jetton Street	\$ 200,000
MUT – Sloan Street from new connector to Griffith Street	\$ 150,000
MUT – Beaty Street from Griffith Street to NC 115	\$ 350,000

Note: Does not include Right-of-Way or Utilities

Costs are planning level only and will change

Public Comments: Project U-5907

• Extension

- No preference between extension options
- Concern about additional impacts to homes
- Concern about trucks and additional traffic

• Multiuse Trail

- Concern about impact to historic homes and district
- Request to move or narrow trail to reduce impacts

• Griffith/Sloan Roundabout

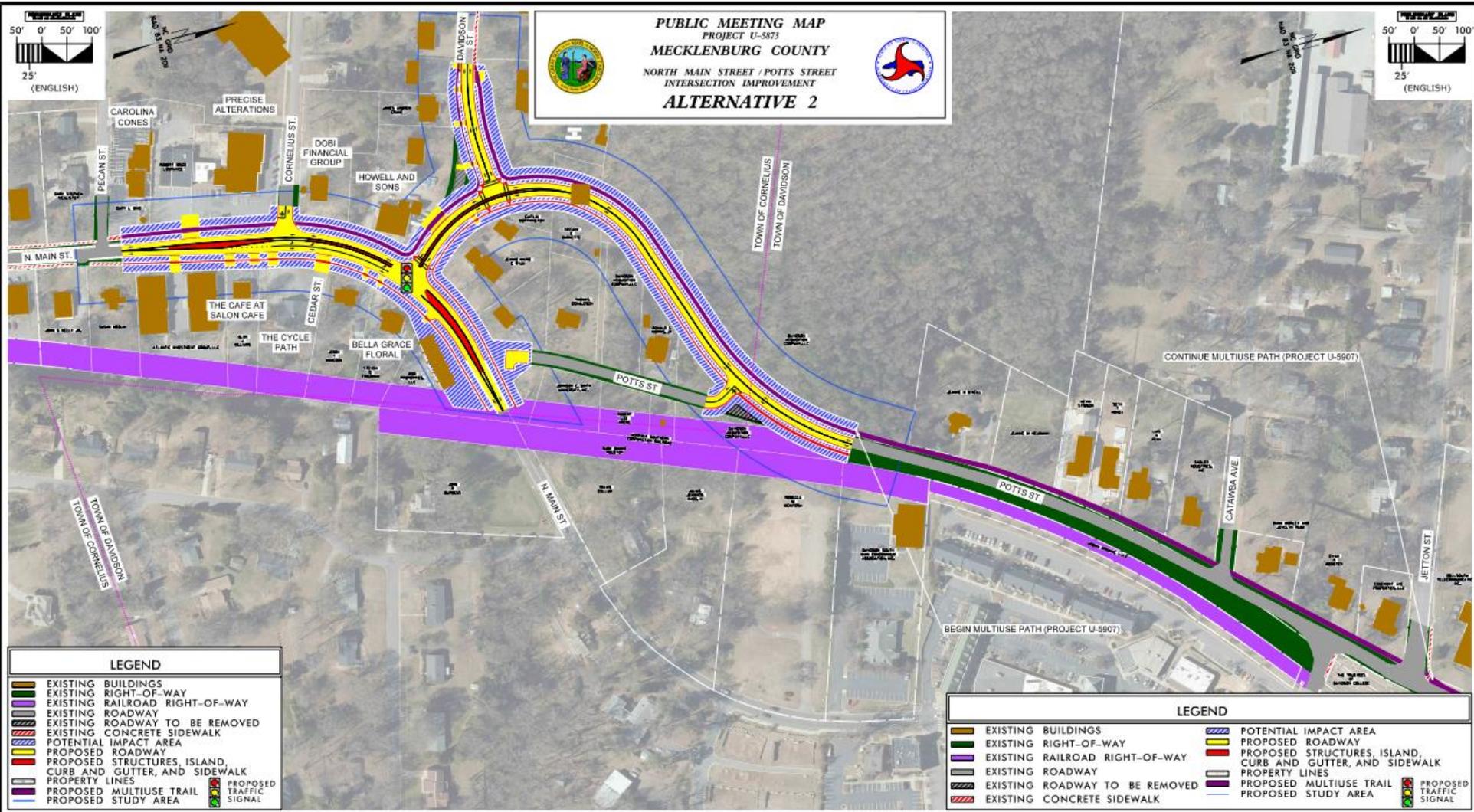
- Traffic calming requested
- Concern about pedestrian and bicyclist safety

U-5873

Potts/NC 115 Intersection

- 2 Alternatives
- Refining design to reduce impacts

U-5873 – Alternative #2



Public Comments: Project U-5873

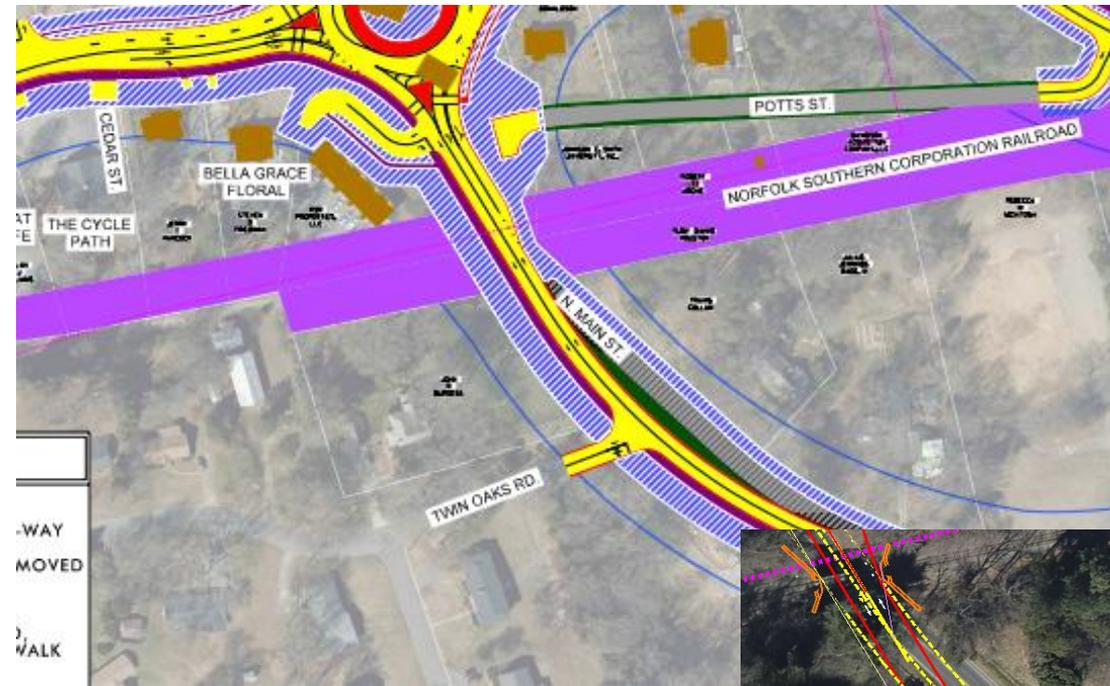
• Intersection (Cornelius)

- Concern about speed through intersection
- Concern about reduced access to YMCA with intersection
- Concern about queues with intersection
- Request to reduce size of roundabout

• Pedestrian Path (Davidson)

- Concern about impact to Green School
- Request to eliminate, move, or narrow path

Refinement Example



Project Schedule (U-5907 and U-5873)

- ▶ Right of Way Plans Oct 2018
 - ▶ Real Estate Oct 2018 - July 2019
 - ▶ Construction Begins Jan 2020
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Questions?

