


Department of Planning and Development



Memorandum # 21-010

City of North Augusta

To: James S. Clifford, City Administrator

From: Libby Hodges, Director of Planning and Development 

Subject: **Planning Commission Recommendations: W. Martintown Rd. Corridor Study**

Date: February 22, 2021

At the February 18, 2021, Planning Commission meeting, the Commission reviewed the recommendations from AECOM regarding the W. Martintown Corridor Study.

The Commission unanimously recommended approval of the study with cases prioritized as indicated on attached list. The Commission also recommended that Council consider funding these projects through ARTS (Augusta Regional Transportation Study, Metropolitan Planning Organization), Capital Projects Funds, and Impact Fees.

The study is being forwarded to Council to consider for adoption. By adopting the study and its recommendations, the study results will be used as a guiding document for staff project planning. The following information is included for review and reference:

- Project prioritization list: This is the Planning Commission's preferred project prioritization. After confirmation with the Chair, the intended order of prioritization are the "Primary Projects," projects I-4, L-3, I-5, I-2, and I-1. The remaining recommended projects are listed as "Secondary Projects." Adopting this priority list will not remove any other projects, but will clarify what projects are pursued first by staff.
- PowerPoint Presentation about the study
- Local Funding Brief
- Public comment: Public comment received to date (updated to the date of this memo) and the funding brief submitted to the Planning Commission. Comments will be accepted until at least March 1, 2021.
- Draft resolution for adoption: Several details remain at the discretion of the Council.

The entire plan may be reviewed here: <http://www.northaugusta.net/MartintownRoadStudy>

If any Council member would like a hard copy of the study, please let us know and we will assemble a notebook. If you have any questions, please do not hesitate to contact me.

PRIMARY PROJECTS

Project # (Figure #)	Location	Consideration	Notes	Cost
I-4 (Figure 7C)	Knobcone Avenue	Install a traffic signal with dual southbound left-turn lanes and northbound right-turn lane on West Martintown Road.	Constructed in conjunction with Hamrick Farms development schedule	\$1,500,000
L-3 (Figure 7C)	Frontage Road to Old Plantation Road	Develop a parallel road to the west side West Martintown Road that provides access to River Falls Apartments and Circle K that connects to Old Plantation Road and eventually to the new signal at Knobcone Avenue (approximately 1700 ft)	Should be considered with any future development in the vicinity to help reduce the number of vehicles U- turning / taking left onto Frontage Road	\$1,000,000
I-5 (Figure 7C)	Knobcone Avenue to Hammond Pond Rd	Build a sidewalk on both sides of the road connecting the two intersections (2500 centerline ft, 5000 linear ft of sidewalk, Needs Right of Way)	Provides a connection to multimodal facilities but not directly attributed to one particular development	\$800,000
I-2 (Figure 7B)	I-20 WB Off Ramp	Install a dual lane roundabout	Constructed by 2027 or completion of Hamrick Farms Development	\$2,750,000
I-1 (Figure 7A)	Gregory Lake Road	Install a single lane roundabout	Constructed by 2030 or completion of Saunders Place PD	\$2,250,000

SECONDARY PROJECTS

Near Term: 2020-2025

Project # (Figure #)	Location	Consideration	Notes	Cost
N-1 (Figure 7B)	Bergen Road	Install a traffic signal	In progress	\$100,000
N-2 (Figure 7C)	I-20 EB Off Ramp	Install a Traffic Signal – Includes dual eastbound left-turn lanes and maintains free flow right-turn lane	In progress	\$150,000
N-3 (Figure 7C)	I-20 EB Off Ramp / Hamrick Farms Site Driveway #1	<p>With proposed development, install a 4th leg for the Site Driveway for Hamrick Farms Development to include dual westbound left-turn lanes and one single right-turn lane. I-20 EB Off Ramp approach should have a through lane constructed to access Hamrick Farms driveway and the free flow right-turn lane should be replaced with dual right-turn lanes (350 feet storage).</p> <p>On West Martintown Road, a northbound right-turn lane (250 feet storage) and southbound left-turn lane (200 feet storage) should be provided.</p>	In conjunction with Hamrick Farms development schedule	\$2,000,000
N-4 (Figure 7B / Figure 7C)	I-20 EB On Ramp to I-20 WB Loop Ramp	Restripe West Martintown Road northbound right-turn lane onto I-20 EB On Ramp to a shared / through-right-turn lane that end at I-20 WB Loop On Ramp.	In conjunction with Hamrick Farms development schedule	\$10,000

<p>N-5 (Figure 7C)</p>	<p>Hamrick Farms Site Driveway #2</p>	<p>Provide a northbound right-turn lane with 150 feet of storage and access to / from Hamrick Farms Driveway #2 should be right-in / right-out (Overhead Utilities will have to be relocated)</p>	<p>In conjunction with Hamrick Farms development schedule</p>	<p>\$300,000</p>
<p>N-6 (Figure 7C)</p>	<p>Hamrick Farms Site Driveway #3</p>	<p>Provide a northbound right-turn lane with 150 feet of storage and access to / from Hamrick Farms Driveway #3 should be right-in / right-out. Old Plantation Road should remain full access. (Overhead Utilities will have to be relocated)</p>	<p>In conjunction with Hamrick Farms development schedule</p>	<p>\$300,000</p>

Intermediate Term: 2025-2035

Project # (Figure #)	Location	Consideration	Notes	Cost
I-3 (Figure 7C)	Frontage Road / Hamrick Farms Site Driveway #2	Reconfigure Frontage to a reduced conflict intersection (RCI) and provide a flare out to make northbound U-turns	Constructed with completion of Rivers Falls Apartment Phase 2 or Hamrick Farms Development	\$300,000

Long Term: 2035-2040

Project # (Figure #)	Location	Consideration	Notes	Cost
L-1 (Figure 7C)	Knobcone Avenue	Install a 4th leg connecting to Old Plantation Road	Needed to improve operation at Old Plantation Road once 75% of Hamrick Farms is built out; however Old Plantation Road users could turn right out and U-turn at Knobcone Avenue	\$800,000
L-2 (Figure 7C)	Old Plantation Road	Restrict access to Old Plantation Road to right-in / right-out after completing a new connector road to Knobcone Avenue by installing a median that connects to RCI at Frontage Road.	Desirably to install with the new connector from Old Plantation Road to Knobcone Avenue	\$100,000