



CITY OF ST. MARYS MASTER PLAN & ZONING CODE UPDATE – TRANSPORTATION



MPSC Meeting

April 7, 2016

AGENDA




- Transportation Planning Process
- Community Profile
- Existing Conditions
- Next Steps

Plan Outline

Planning Elements

- Community Goals
 - Vision & Mission
 - Goals
 - Policies
 - Character Area & Narrative
- Needs & Opportunities
 - Data Analysis
- Community Work Program
 - Implementation Activities
 - Time Frame
 - Responsible Party
 - Funding Source
 - Benchmark/Tracking

Planning Subjects

- 
- Economic Development
 - Land Use
 - Transportation
 - Housing
 - Natural, Historic & Cultural Resources;
 - Community Facilities
 - Infrastructure
 - Resiliency
 - Tourism
 - Military Relationship
 - Community Health
 - Technology
 - Education
 - Regional/Intergovernmental Cooperation

Planning Process



- Collect Data
- Review Existing Conditions
- Define Goals and Objectives
- Identify Issues and Opportunities
- Develop Strategies
- Steering Committee/Stakeholder Involvement

Data Collection

- ✓ Existing Plan Review
- ✓ Demographics/Economic Information
 - ▣ Census
- ✓ Existing Transportation Conditions
 - ✓ Multimodal Network
 - ✓ Traffic
 - ✓ Safety
- ▣ Community Engagement
 - ✓ Web Survey
 - ▣ Public Meeting/Workshop
 - ▣ Interviews/Focus Groups

Existing Plan Review

Plan Review Results: Transportation

Camden County: Ready for Growth

- ❑ Widen Colerain Road to four lanes
- ❑ Preliminary Engineering for Kingsland By-Pass
- ❑ New I-95 Interchange at Horse Stamp Rd
- ❑ Local Road Improvement Program

Camden County Bike Ped Plan

- ❑ Paved Shoulders on Major Roads
- ❑ Community Connections with Trails
- ❑ Safe Routes to School
- ❑ Sidewalks on Major Roads
- ❑ Designation of Certain Roads as Bike Routes

Plan Review Results

Comprehensive Plan

- ❑ Investigate the Potential of Multi-use Trails
- ❑ Agency Coordination to Improve Evacuation Routes
- ❑ Promote a Public Transit System
- ❑ Safe Routes to School
- ❑ Direct Off Ramp of I-95 to Haddock Rd
- ❑ Install Medians Between Dillingham and Herb Bauer Dr.
- ❑ Improve Intersection of St Marys Rd and Hwy 40
- ❑ Relocate Douglas Dr. to Directly Connect to North River Causeway with New Intersection at Point Peter Rd
- ❑ Widen Colerain Rd
- ❑ Realign Herb Bauer Dr with Findley St
- ❑ New Route Connecting Kings Bay at Osborn and St Marys Rds

Plan Review Results

Camden Kings Bay Joint Land Use Study (JLUS)

- Relocation of the St. Marys Airport
- South Gate closure coordination with St Marys
- Monitor Cumberland Harbour development to limit recreational boating activity conflicts and environmental impacts
- Monitor proposed spaceport development
- Monitor economic development efforts that impact the St. Marys Railroad
- Use access management techniques to maintain acceptable LOS
- Implement growth management strategies for community growth
- Perform planned maintenance and enhancements to existing infrastructure
- Advance planning for hurricane evacuation route conflicts on corridors leading to I-95 (Colerain Rd. widening)
- Collaborate to expand St. Marys bike/ped trails system
- Prepare multi-jurisdictional comprehensive Long Range Transportation Plan



Existing Conditions

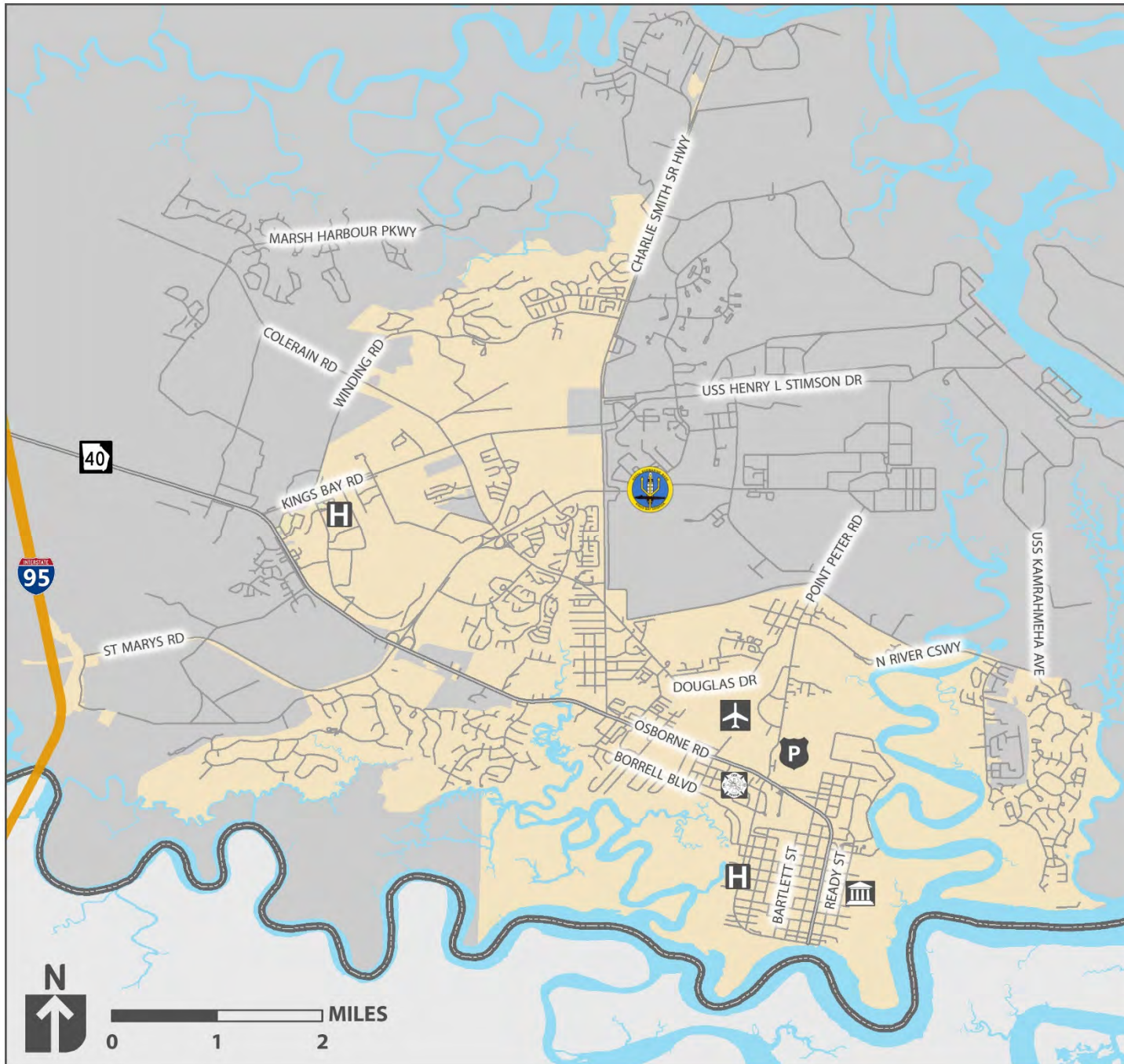
Existing Conditions

Community Demographics/Economics

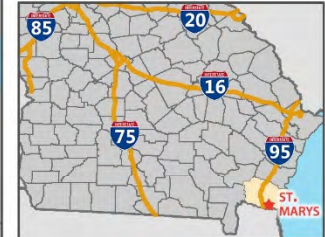
- ❑ Low Income Families
- ❑ Minority Families
- ❑ Persons with Limited English Proficiency
- ❑ Persons 65+

Transportation Conditions

- ❑ Vehicular Accidents
- ❑ Pedestrian Accidents
- ❑ Sidewalk Network
- ❑ Bicycle Accidents
- ❑ Traffic
- ❑ Current Projects



PROJECT LOCATION



ST. MARYS MASTER PLAN LOCATION MAP

LEGEND:

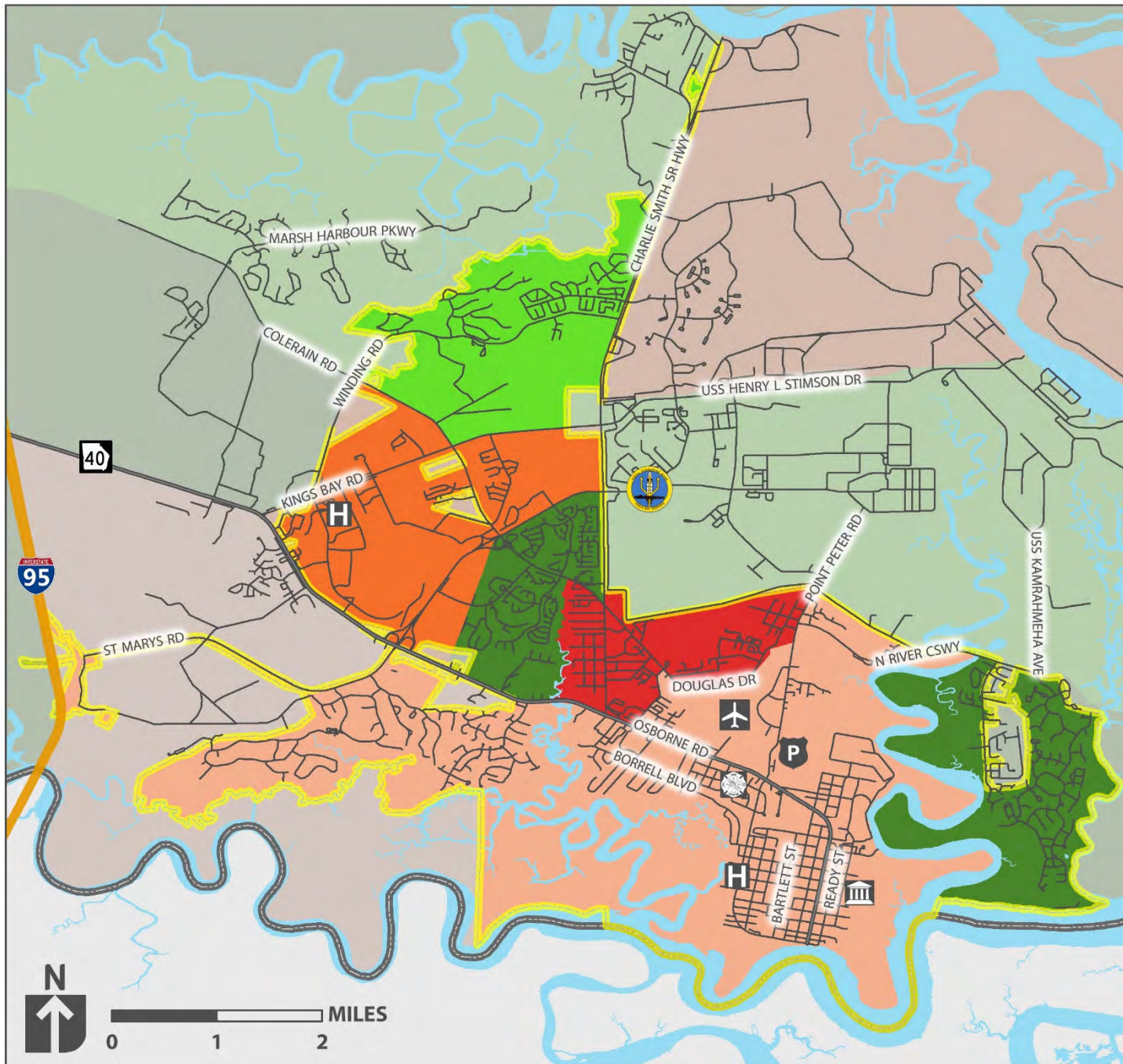
- LOCAL ROADS
- STATE AND US HIGHWAY
- INTERSTATES
- ST. MARYS CITY LIMITS
- COUNTY BOUNDARIES

SOURCES:

CENSUS TIGER SHAPEFILES
GEORGIA DEPARTMENT OF
TRANSPORTATION (GDOT)
GOOGLE EARTH



Community Demographics/Economics













PROJECT LOCATION



ST. MARYS MASTER PLAN

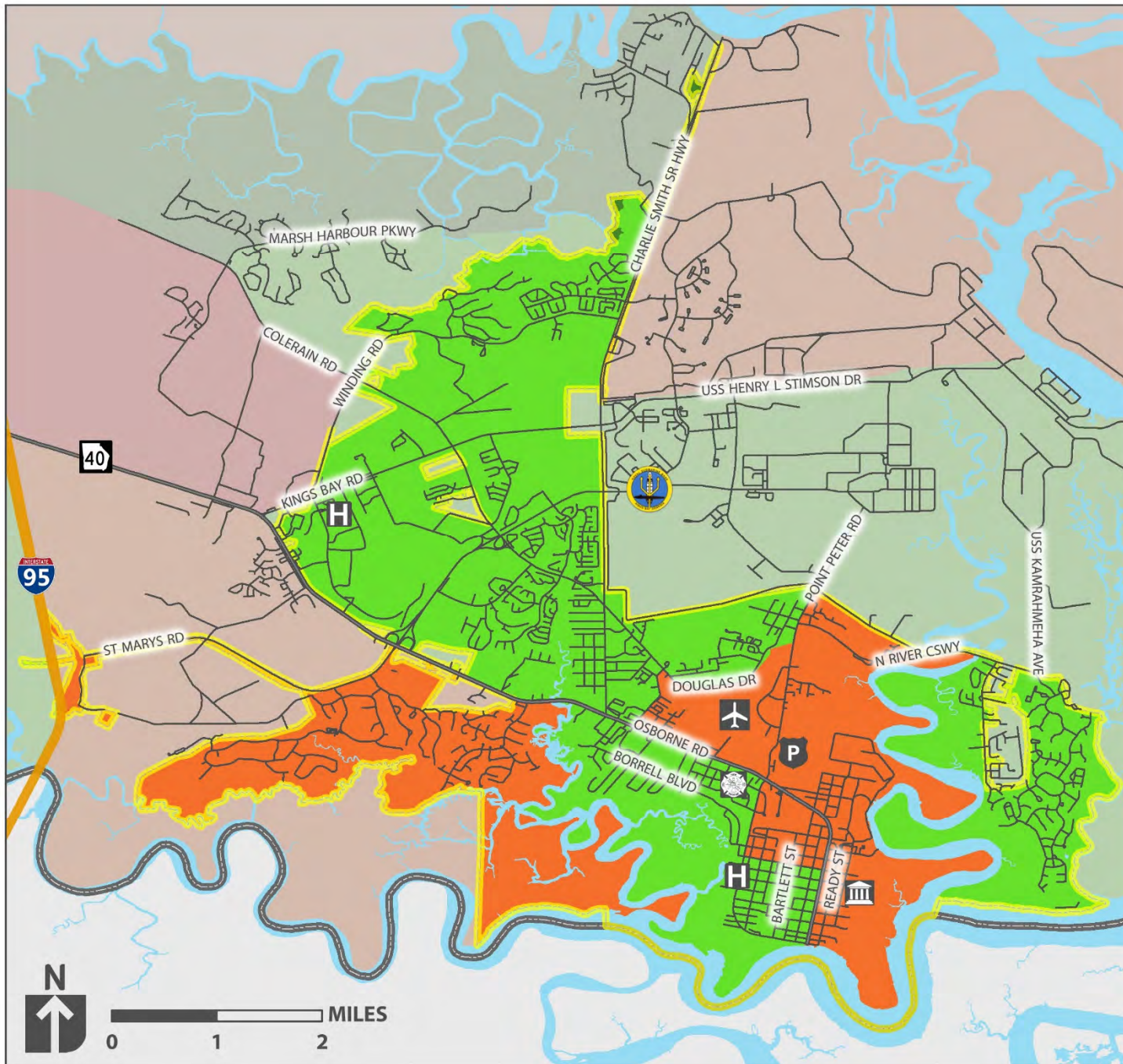
PERCENT HOUSEHOLDS
BELOW POVERTY LEVEL

LEGEND:

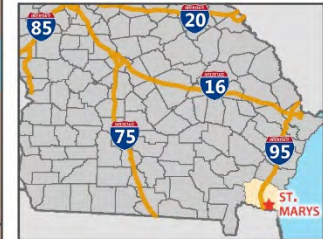
-  LESS THAN 5.0%
-  5.0% - 10.0%
-  10.1% - 15.0%
-  15.1% - 25.0%
-  GREATER THAN 25.0%
-  LOCAL ROADS
-  STATE AND US HIGHWAY
-  INTERSTATES
-  ST. MARYS CITY LIMITS
-  COUNTY BOUNDARIES

SOURCES:

CENSUS ACS 2010 - 2014













PROJECT LOCATION



ST. MARYS MASTER PLAN

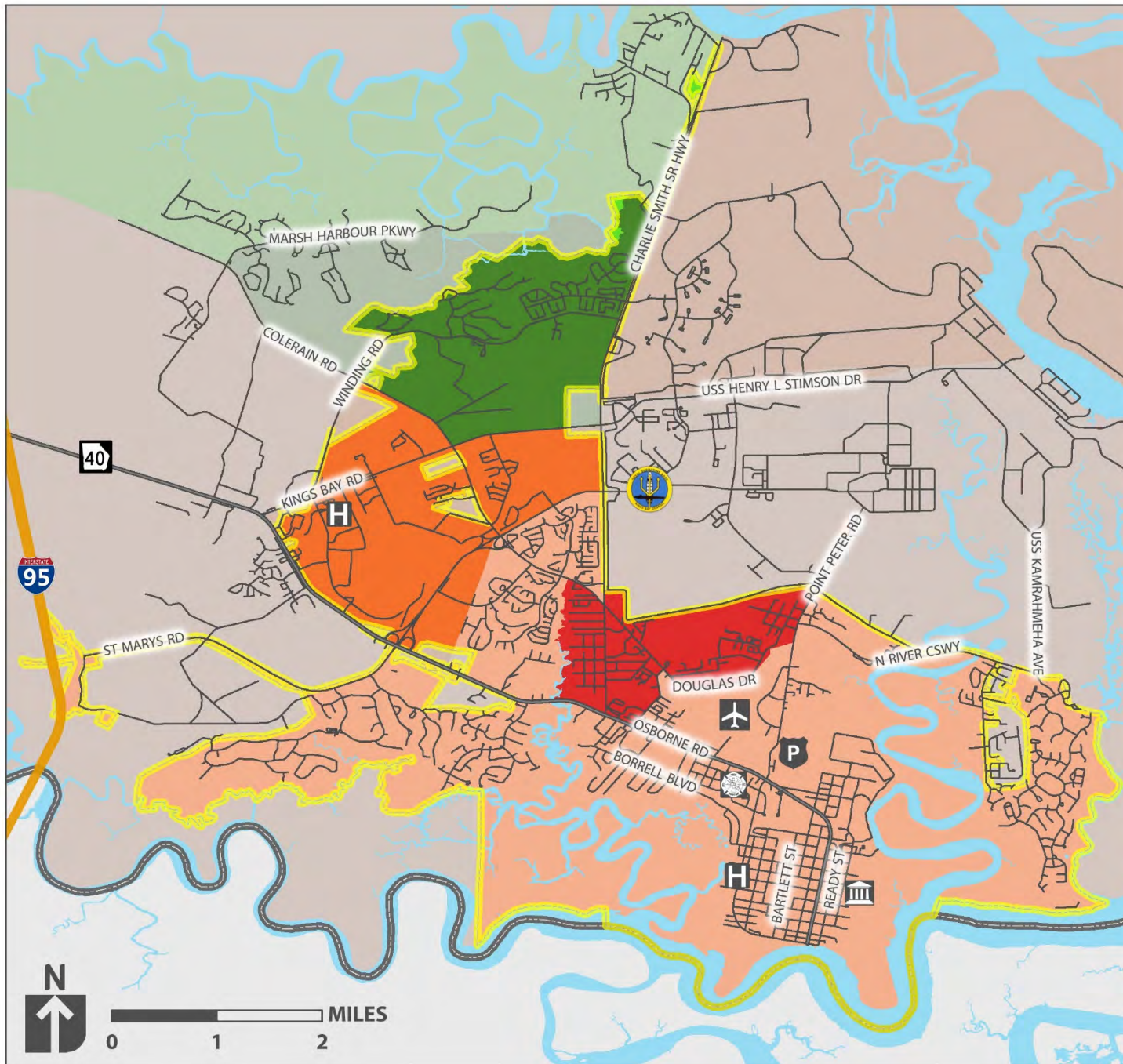
LIMITED ENGLISH
SPEAKING HOUSEHOLDS

LEGEND:

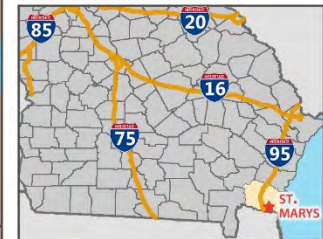
-  LESS THAN 5
-  5 - 10
-  11 - 25
-  26 - 50
-  GREATER THAN 50
-  LOCAL ROADS
-  STATE AND US HIGHWAY
-  INTERSTATES
-  ST. MARYS CITY LIMITS
-  COUNTY BOUNDARIES

SOURCES:

CENSUS ACS 2010 - 2014



PROJECT LOCATION



ST. MARYS MASTER PLAN

PERCENT MINORITY
POPULATION ALL RACES

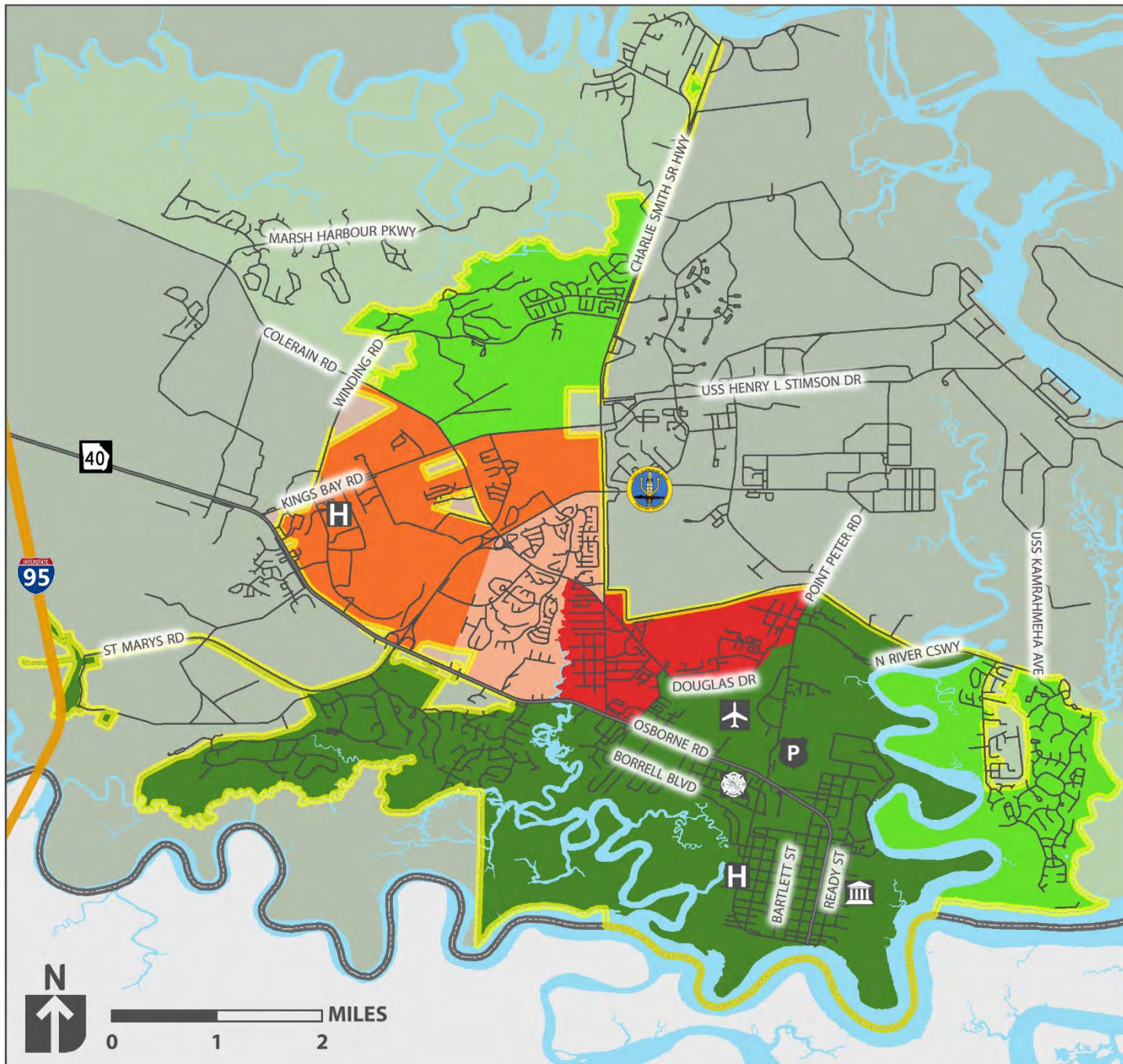
LEGEND:

- LESS THAN 10.0%
- 10.0% - 15.0%
- 15.1% - 25.0%
- 25.1% - 37.9%
- GREATER THAN 37.9%
- LOCAL ROADS
- STATE AND US HIGHWAY
- INTERSTATES
- ST. MARYS CITY LIMITS
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SOURCES:

CENSUS ACS 2010 - 2014
CENSUS QUICK FACTS, 2014

REV. 03.01.16



PROJECT LOCATION



ST. MARYS MASTER PLAN

PERCENT AFRICAN AMERICAN POPULATION

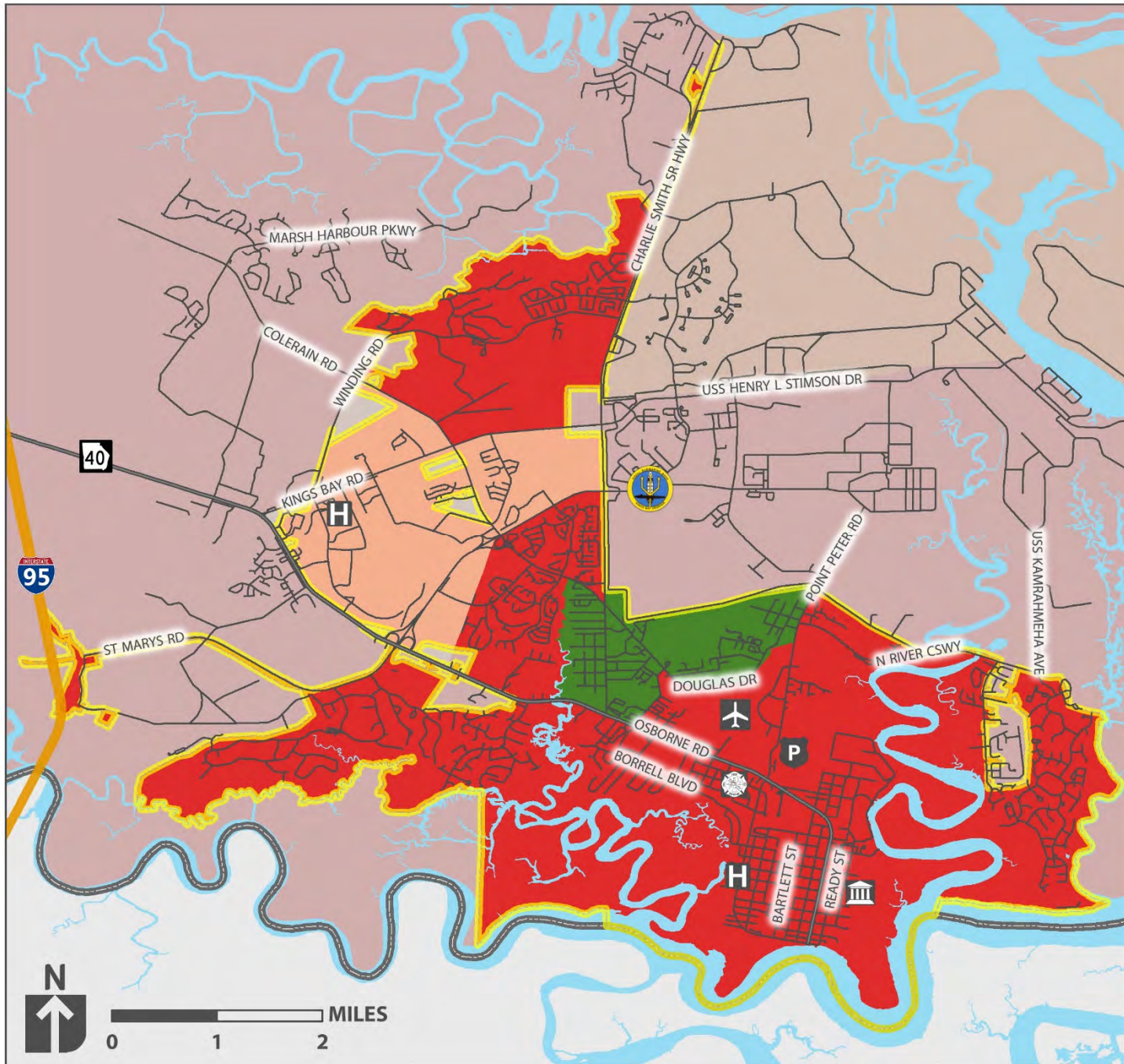
LEGEND:

- LESS THAN 10.0 %
- 10.0 % - 19.5 %
* * * * * CAMDEN 19.5%
- 19.6% - 25.0 %
- 25.1% - 31.5 %
* * * * * GEORGIA 31.5%
- GREATER THAN 31.5%
- LOCAL ROADS
- STATE AND US HIGHWAY
- INTERSTATES
- + ST. MARYS CITY LIMITS
- + COUNTY BOUNDARIES

SOURCES:











CENSUS ACS 2010 - 2014
CENSUS QUICK FACTS, 2014

REV. 03.01.16

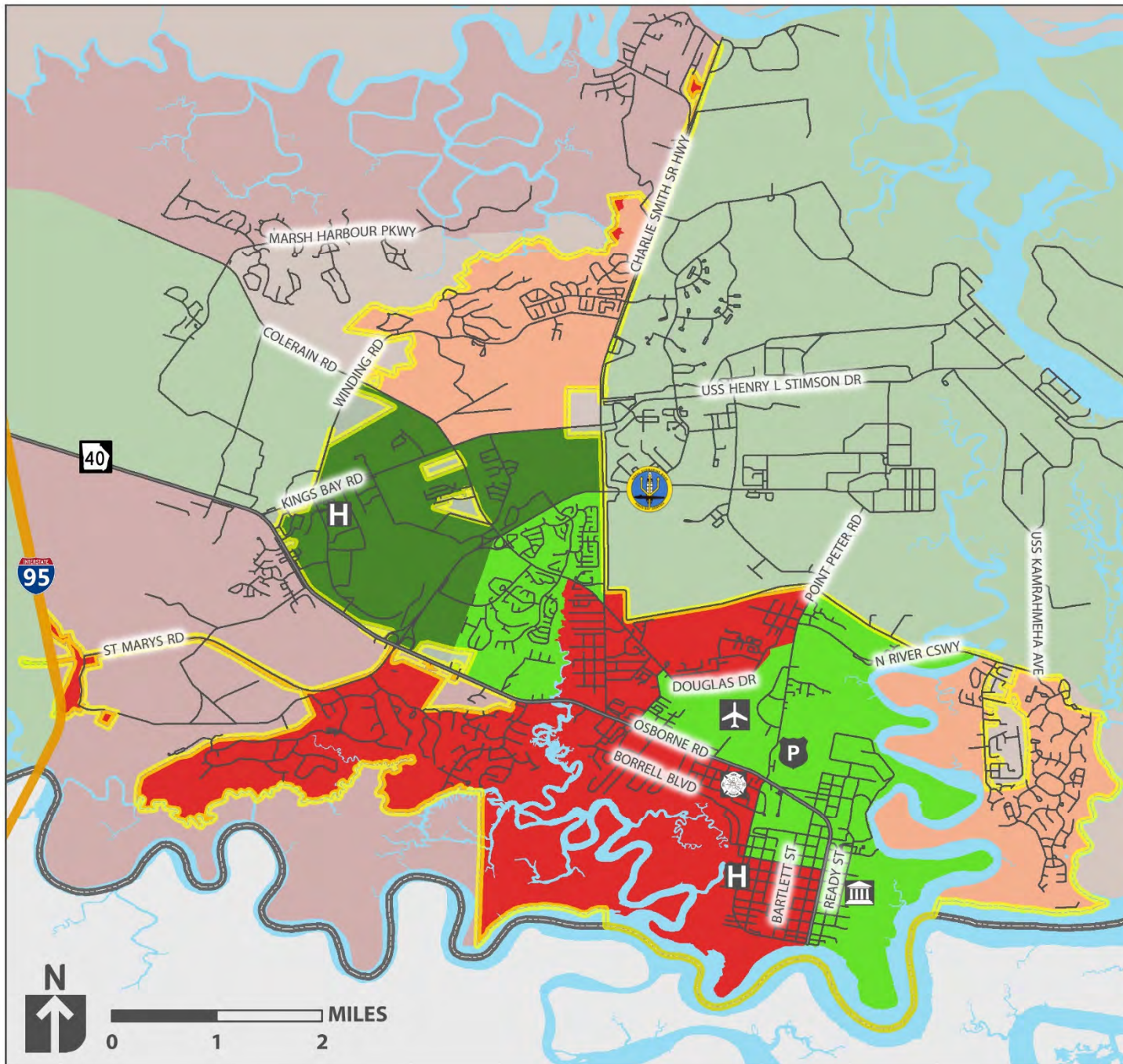


ST. MARYS MASTER PLAN

PERCENT WHITE
POPULATION

- LEGEND:**
-  LESS THAN 50.0 %
 -  50.0 % - 62.0 %
* * * * * **GEORGIA 62.1 %**
 -  62.1 % - 70.0 %
 -  70.1 % - 75.0 %
* * * * * **CAMDEN 75.0 %**
 -  GREATER THAN 75.0 %
 -  LOCAL ROADS
 -  STATE AND US HIGHWAY
 -  INTERSTATES
 -  ST. MARYS CITY LIMITS
 -  COUNTY BOUNDARIES

SOURCES:
 CENSUS ACS 2010 - 2014
 CENSUS QUICK FACTS, 2014



PROJECT LOCATION



ST. MARYS MASTER PLAN

PERCENT POPULATION
65 AND OLDER

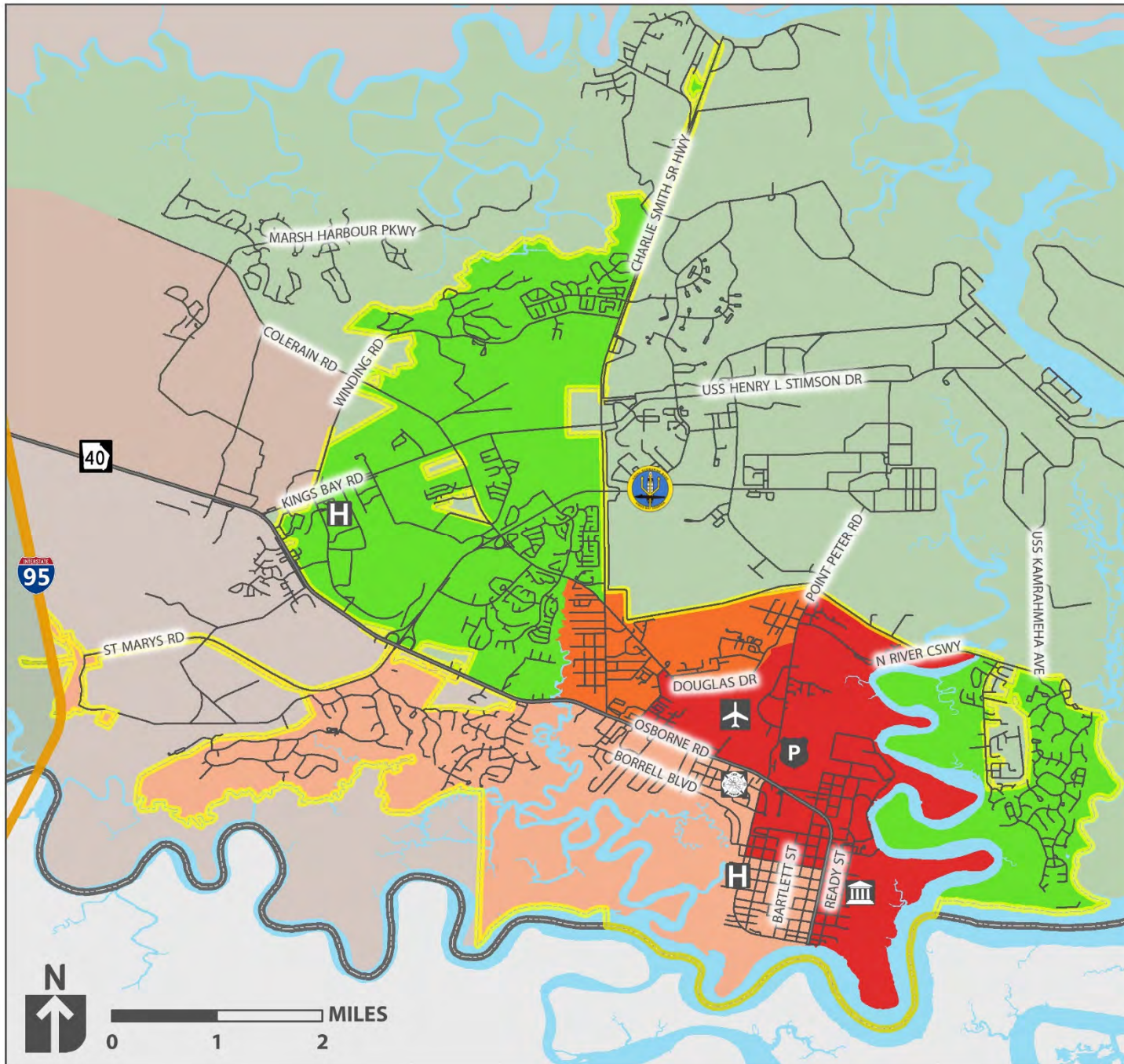
LEGEND:

- LESS THAN 7.5%
- 7.5% - 10.0%
- 10.1% - 11.3%
- * * * * CAMDEN 11.3%
- 11.4% - 12.4%
- * * * * GEORGIA 12.4%
- GREATER THAN 12.4%
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SOURCES:

CENSUS ACS 2010 - 2014
CENSUS QUICK FACTS, 2014











REV. 03.01.16



ST. MARYS **MASTER PLAN**

**ZERO VEHICLE
HOUSEHOLDS**

LEGEND:

-  LESS THAN 10
-  10 - 25
-  26 - 75
-  76 - 125
-  GREATER THAN 125
-  LOCAL ROADS
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SOURCES:
CENSUS ACS 2010 - 2014

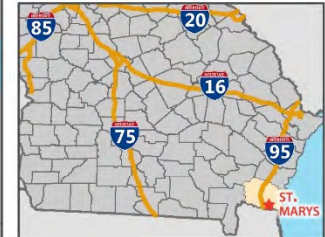


Transportation Conditions

BICYCLIST CRASHES	TOTAL CRASHES	CRASHES RESULTING IN FATALITIES	NUMBER OF FATALITIES	CRASHES RESULTING IN INJURIES	NUMBER OF INJURIES
ST. MARYS	5	0	0	4	5
CAMDEN COUNTY	15	1	1	11	12



PROJECT LOCATION



ST. MARYS MASTER PLAN

BICYCLIST CRASHES

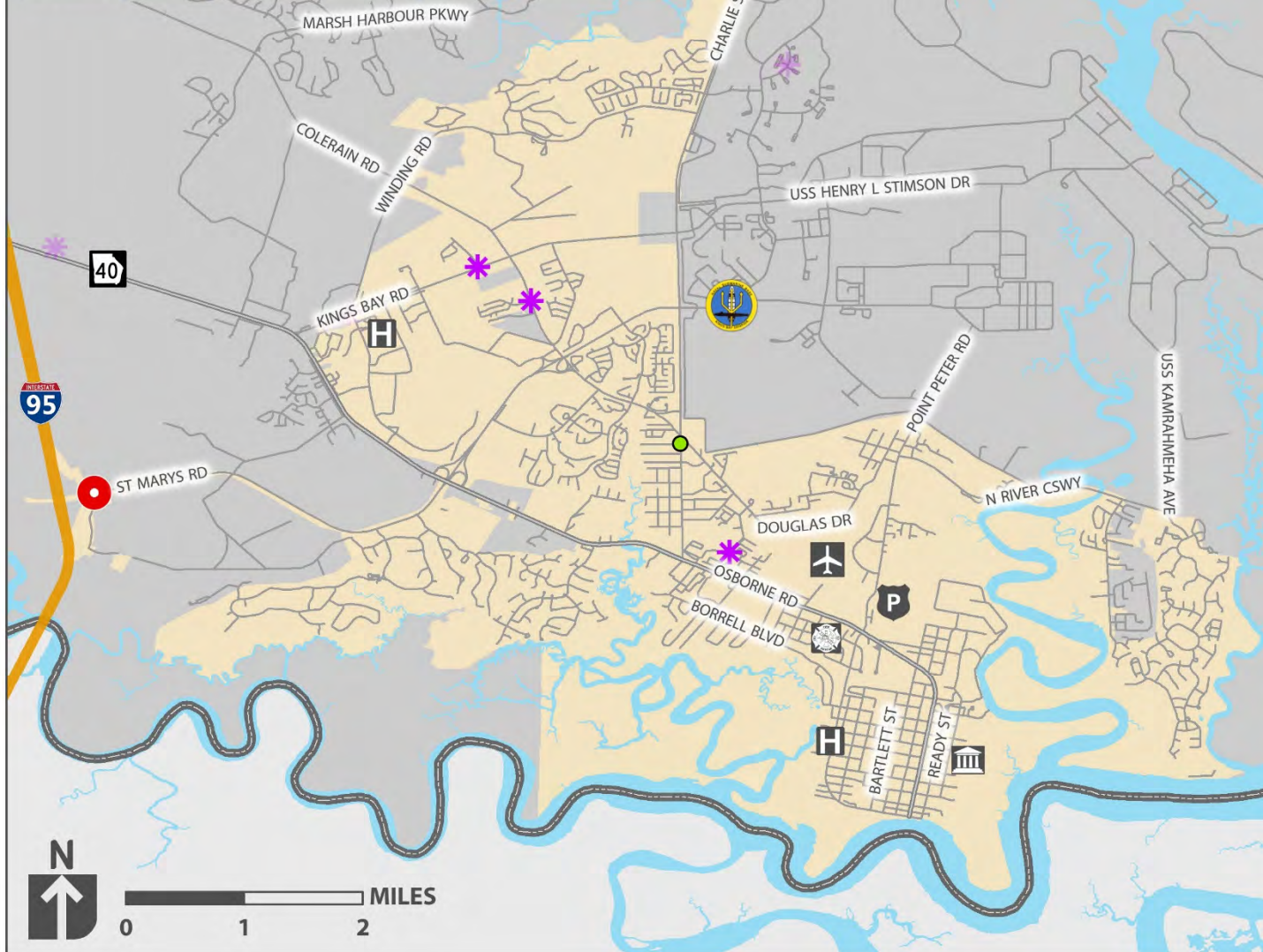
LEGEND:

- CRASH LOCATION RESULTING IN FATALITY
- CRASH LOCATION RESULTING IN INJURY
- CRASH WITH NO FATALITY OR INJURY
- LOCAL ROADS
- STATE AND US HIGHWAY
- INTERSTATES
- ST. MARYS CITY LIMITS
- COUNTY BOUNDARIES

SOURCES:

GEARS CRASH DATA
(FEB 2013 - FEB 2016)

PEDESTRIAN CRASHES	TOTAL CRASHES	CRASHES RESULTING IN FATALITIES	NUMBER OF FATALITIES	CRASHES RESULTING IN INJURIES	NUMBER OF INJURIES
ST. MARYS	5	1	1	3	3
CAMDEN COUNTY	19	2	2	14	15



ST. MARYS MASTER PLAN

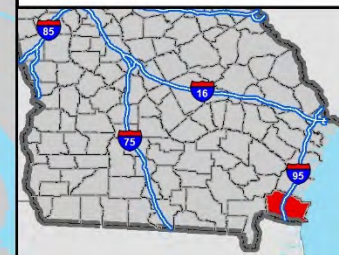
PEDESTRIAN CRASHES

LEGEND:

- CRASH LOCATION RESULTING IN FATALITY
- CRASH LOCATION RESULTING IN INJURY
- CRASH WITH NO FATALITY OR INJURY
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SOURCES:

GEARS CRASH DATA
(FEB 2013 - FEB 2016)



St. Mary's Master Plan

Legend

 Sidewalks


Base Map

 Local Roads

 State and US
Highways

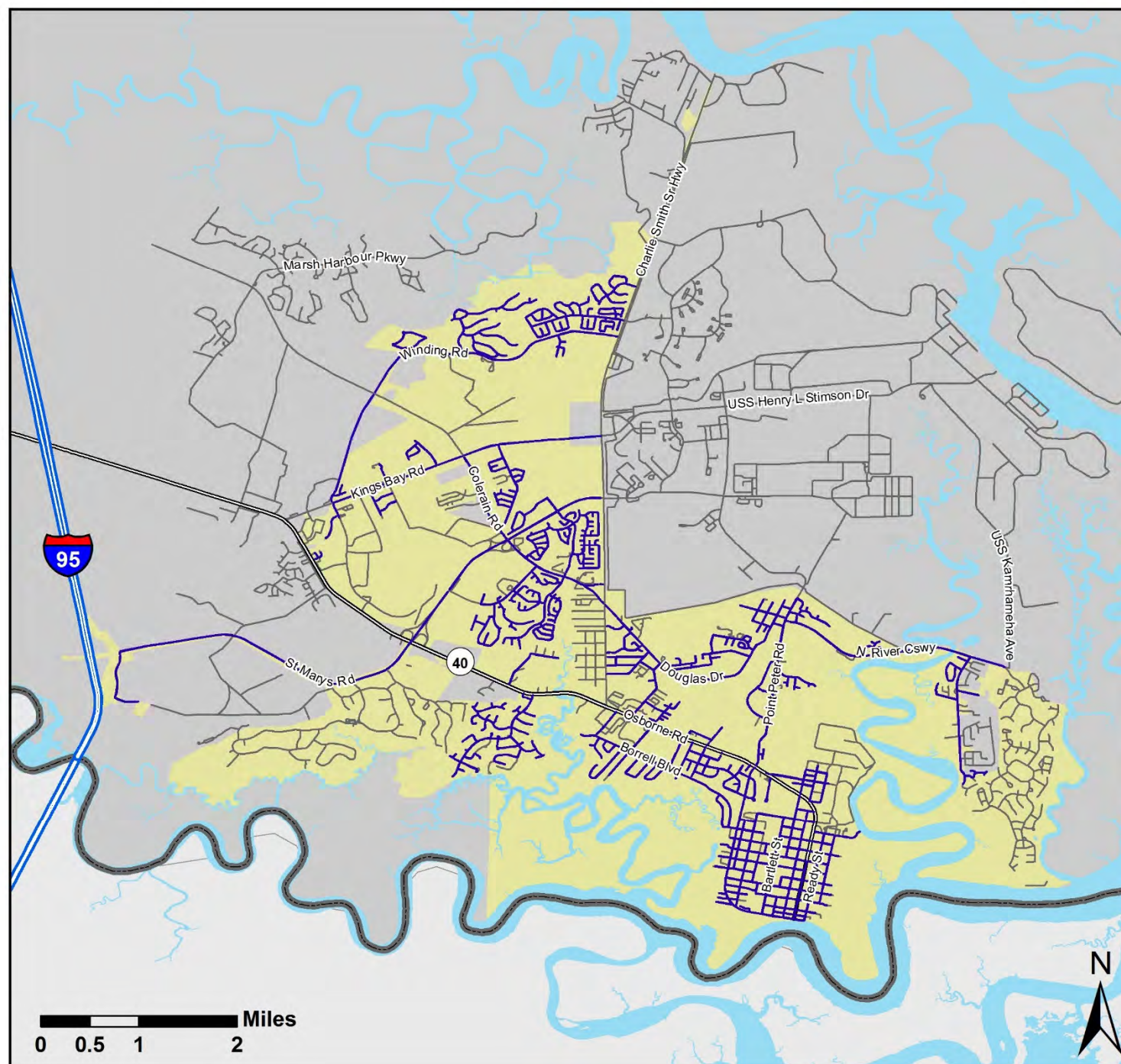
 Interstate Highways

 St. Mary's City Limits

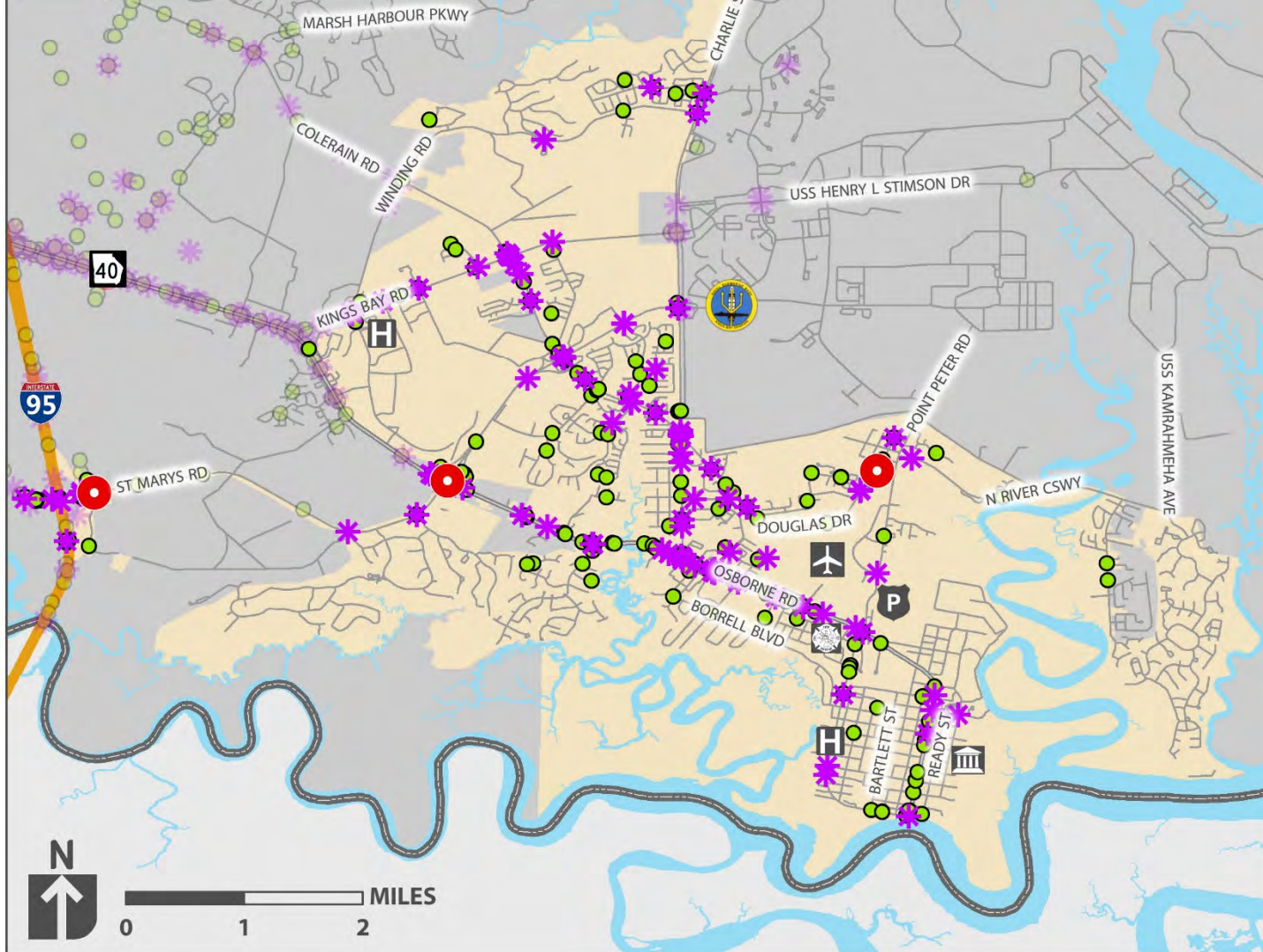
 County Boundaries

Base Map

Creation Date: 2/25/16



VEHICULAR CRASHES	TOTAL CRASHES	CRASHES RESULTING IN FATALITIES	NUMBER OF FATALITIES	CRASHES RESULTING IN INJURIES	NUMBER OF INJURIES
ST. MARYS	511	3	3	140	192
CAMDEN COUNTY	2,323	20	23	717	1,056



PROJECT LOCATION



ST. MARYS MASTER PLAN

VEHICULAR CRASHES

LEGEND:

- CRASH LOCATION RESULTING IN FATALITY
- ✱ CRASH LOCATION RESULTING IN INJURY
- CRASH WITH NO FATALITY OR INJURY
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SOURCES:

GEARS CRASH DATA
(FEB 2013 - FEB 2016)



Traffic Counts in Georgia



List Counting Stations

County

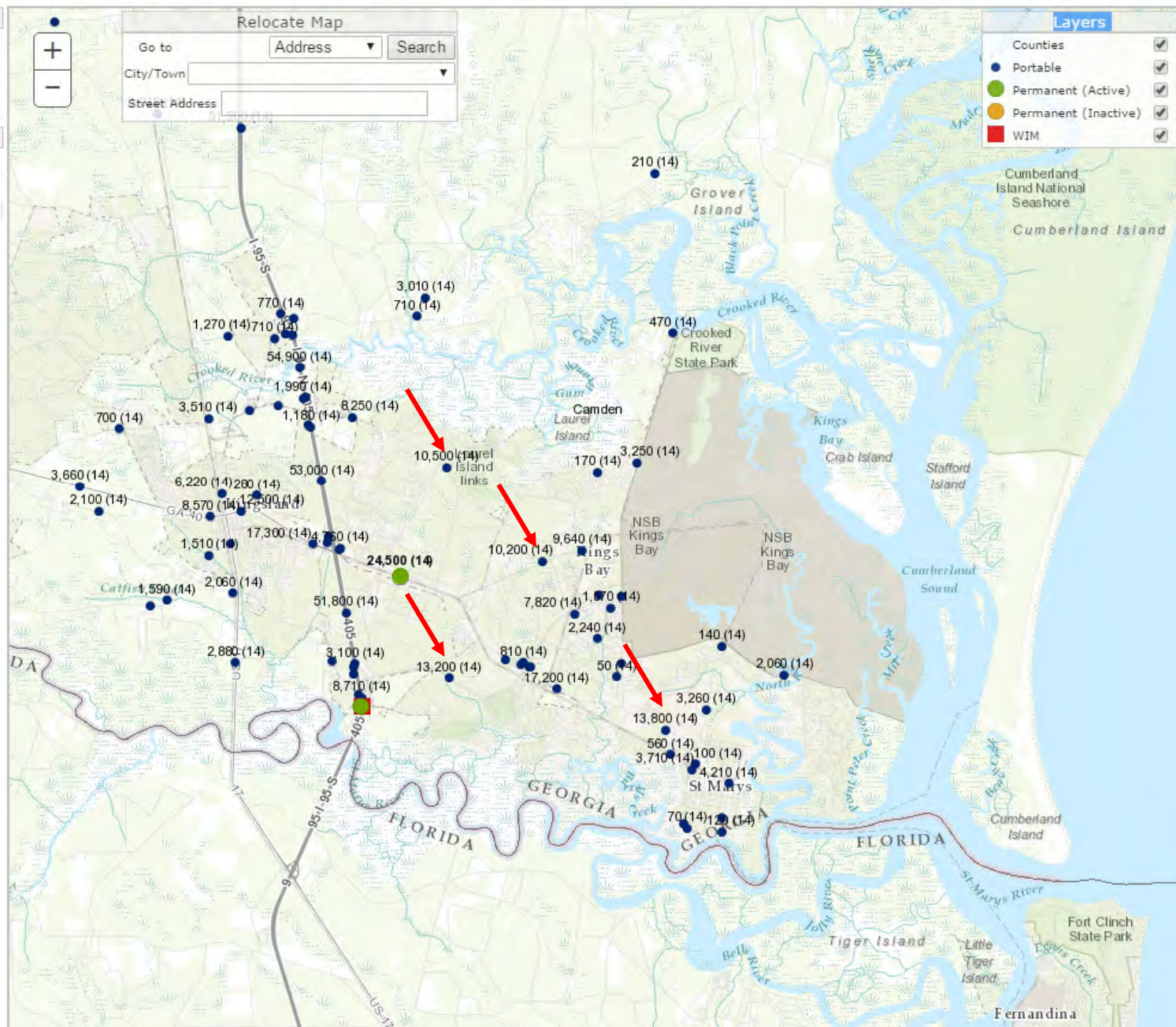
Route

Station ID

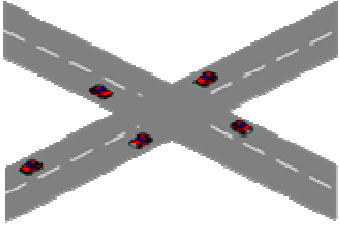
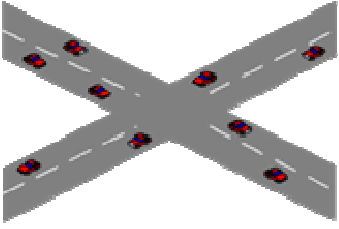
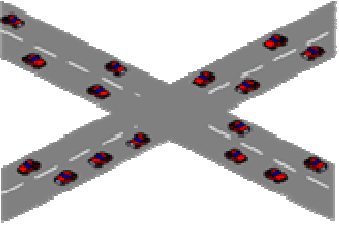
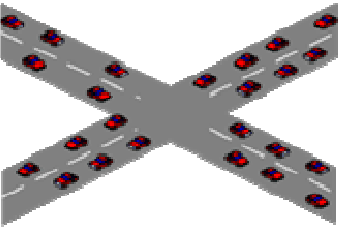
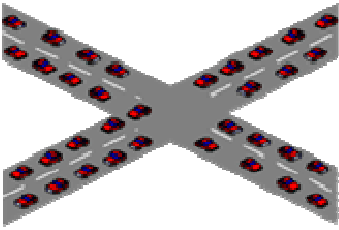
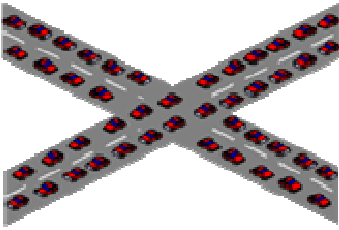
Study Location

Stations Found

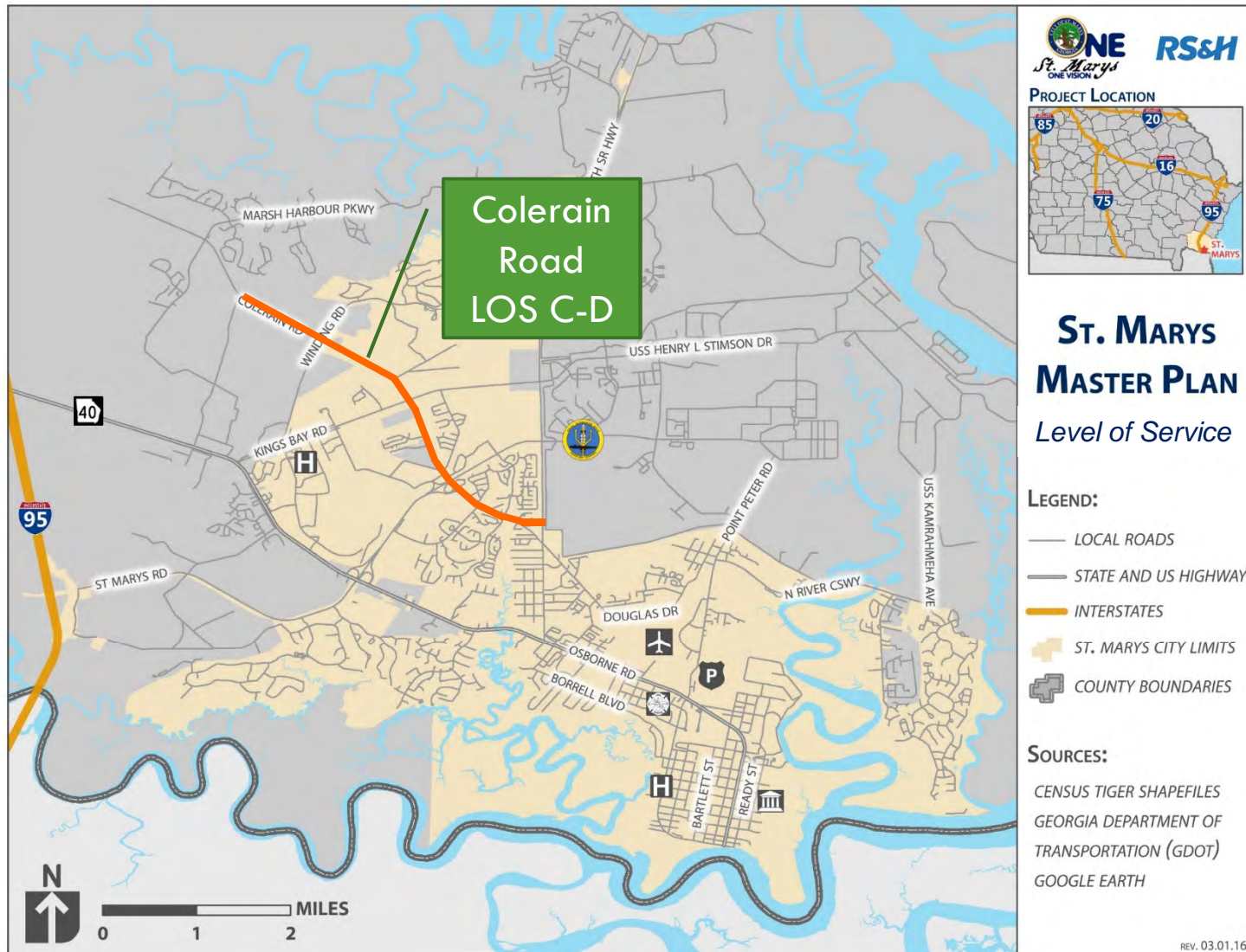
Station ID	Route	Description
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Traffic Level of Service (LOS)

LOS A	LOS B	LOS C
		
LOS D	LOS E	LOS F
		

Traffic Level of Service



Existing Projects

ST MARYS 2015 - 2018 STIP PROJECTS

HIGHWAY IMPROVEMENT PROJECTS						
Project Identification Number	Road Name	From	To	Project Type	CST Schedule	CST Cost Estimate
0007414	CR 90/Colerain RD	West of I-95	East of Kings Bay Rd.	Widening	2017	\$ 24,682,527

LUMP SUM / MAINTENANCE PROJECTS						
Project Identification Number	Road Name	From	To	Project Type	CST Schedule	CST Cost Estimate
0009436	SR 40	West St.	East St.	RRX Warning Device	2016 - 2018	\$ 159,181
0010580	St. Marys Trail	Ready Street	Waterfront Multi-Use Trail	TE Bike/Ped Facility Ph III	2016 - 2018	\$ 250,000
M004904	SR 40	Julia St.	Church Street	Resurface and Maintenance	2016 - 2018	\$ 806,070

Next Steps



- Continue Data Collection
- Identify Issues and Opportunities
- Continue Outreach and Coordination
- Develop Strategies and Incorporate into Master Plan

- Set Schedule for Public Meeting?
 - May 5th
 - May 18th
 - Other?

QUESTIONS?