

PRECONSTRUCTION STATUS REPORT

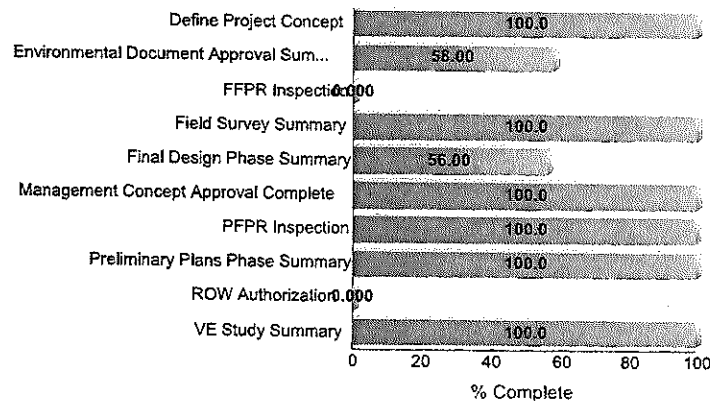
PROJ ID	COUNTY	DESCRIPTION
0014133	Cherokee	SR 20 FROM CR 765/EAST CHEROKEE DRIVE TO SR 369
Mgmt Let Date:	2024-10-15	The SR 20 Improvements study area extends for approximately 24 miles, between I-575 in Canton and SR 400 in Cumming. Jurisdictions along the corridor including the City of Canton, unincorporated communities of Buffington, Macedonia, Orange, and Free Home in Cherokee County, as well as the unincorporated community of Duckdown and the City of Cumming in Forsyth County. The SR 20 Improvements project will conduct engineering and environmental studies to evaluate possible alternatives to relieve congestion, improve mobility, and reduce crashes along SR 20 between Canton and Cumming.

PROJ NO:
MPO TIP#: CH-233
MPO: Atlanta TMA
PROJ LENGTH (MI): 2.10
TYPE WORK: Widening
LET GDOT Let
RESPONSIBILITY:
BIKE PROVISIONS N
INCLUDED?

SPONSOR: GDOT
PROJ MGR: Lott, David B.
DOT DIST: 6
CONG DIST: 011
HOUSE DIST: 022
SENATE DIST: 021

Phase	FY	Approved	Approved FY	Fund	Phase Status
Utility	2025	\$2,018,194.50	Estimate*	HB170	PRECST
Right of Way	2023	\$20,040,000.00		HB170	PRECST
Construction	2025	\$26,821,020.39		HB170	PRECST

ROW Acquisition to begin July 2022



Activity	Actual Start Date	Actual Finish Date
Define Project Concept	2012-05-10	2015-08-04
PFPR Inspection	2017-05-17	2017-05-18
VE Study Summary	2016-12-13	2017-08-16
Field Survey Summary	2016-06-13	2019-09-24
Environmental Document Approval Summary (11412 through 18100)	2018-06-01	
ROW Authorization		
Management Concept Approval Complete	2017-11-09	2017-11-09
FFPR Inspection		
Final Design Phase Summary	2018-06-01	
Preliminary Plans Phase Summary	2016-08-08	2018-11-29

Right of Way Acquisition Information:
Preliminary Parcel Count: 102

Total Parcel Count:

Acquired by : DOT

Bryan Lott
 District 1 Assistant Program Manager

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Traffic Signals

Traffic signals have been proposed based on the guidelines set forth by the Federal Highway Administration's Manual on Uniform Traffic Control Devices (MUTCD). The criteria needed to warrant a traffic signal is based on traffic volumes, crash rates and roadway types. A traffic study has been conducted for this project corridor and traffic signals have been proposed based on the results of the analysis and the guidelines of the MUTCD. Representatives from the Department's Office of Traffic Operations will further evaluate the traffic signal requests received to determine if additional traffic signals are needed. If the warrants are met at these intersections, traffic signals will be added to this project. Additional questions regarding traffic signals should be directed to the District 1 Traffic Engineer, Jason Dykes at 770-533-7342.

The investigation of the need for a traffic control signal shall include an analysis of factors related to the existing operation and safety at the study location and the potential to improve these conditions, and the applicable factors contained in the following traffic signal warrants:

Warrant 1, Eight-Hour Vehicular Volume

Warrant 2, Four-Hour Vehicular Volume

Warrant 3, Peak Hour

Warrant 4, Pedestrian Volume

Warrant 5, School Crossing

Warrant 6, Coordinated Signal System

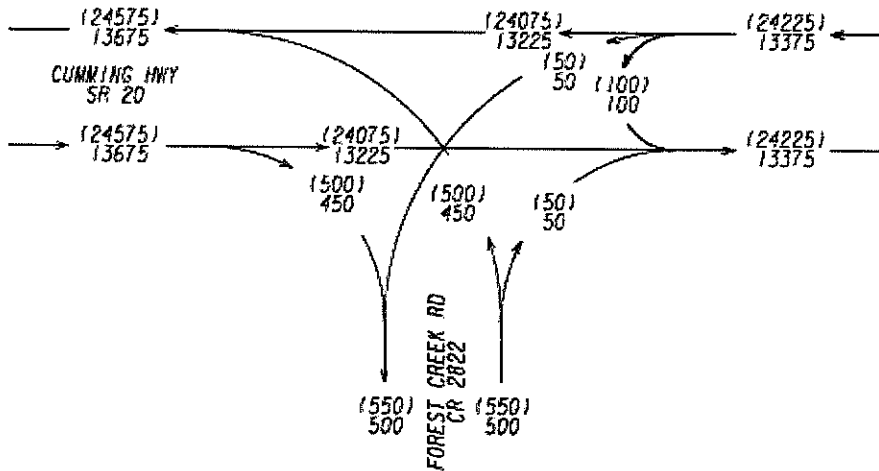
Warrant 7, Crash Experience

Warrant 8, Roadway Network

Warrant 9, Intersection Near a Grade Crossing

mutcd.fhwa.dot.gov/

(2045) 2025 AADT:



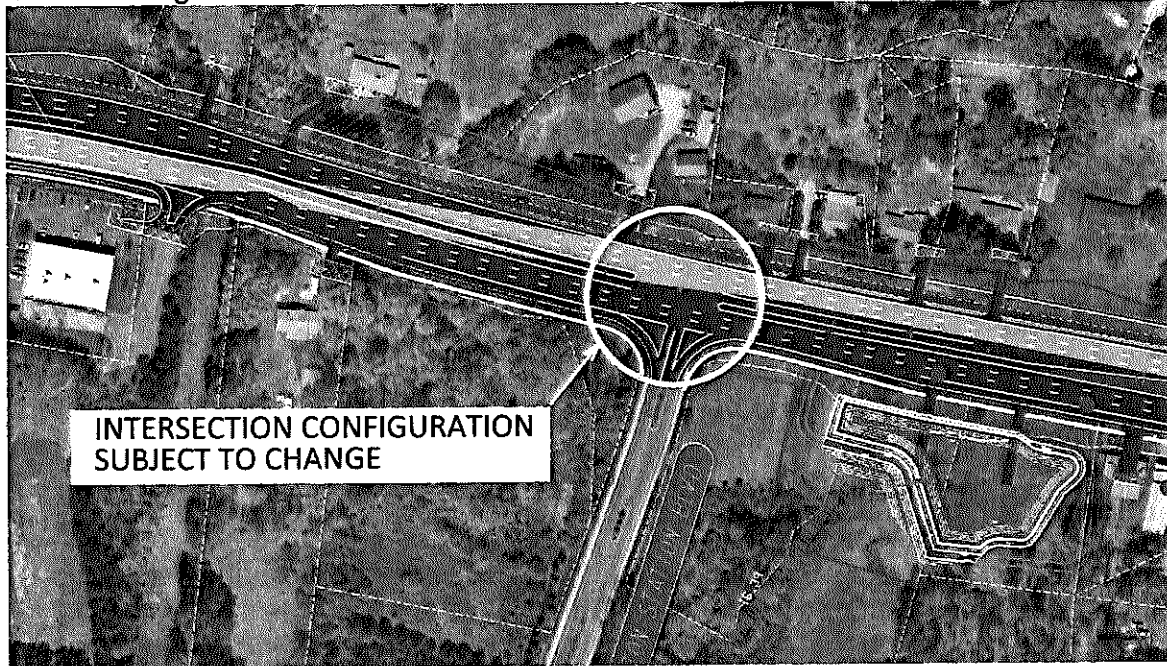
LOCATION 2: HAMPTON STATION

Hampton Station subdivision is located on PI 0014133 in Macedonia and has over 160 homes (and is currently expanding). The only entrance for this subdivision is off of SR 20. Numerous comments were received at the public meetings requesting a signal and full median opening at this location. Based on traffic studies, a signal is not warranted. Per direction from GDOT, a full median opening was added at this location.

Previous Design:



Current Design:



Traffic:

SR 20 at HAMPTON STATION BLVD (P.I. No.: 0014133)

CURRENT AND FUTURE TRAFFIC DATA

TABLE 2-1: TRAFFIC VOLUMES

YEAR	SR 20		HAMPTON STATION BLVD	
	ADT	DHV - AM (PM)	ADT	DHV - AM (PM)
2011	13,900	1,275 (1,365)	800	80 (70)
2025 Build	20,200	1,865 (1,945)	1,200	115 (90)
2045 Build	36,200	3,365 (3,490)	2,150	205 (160)

CRASH DATA

TABLE 2-2: ENTIRE P.I. No.: 0014133 (EAST CHEROKEE DR - SR 369):

YEAR	ACCIDENTS	INJURY	FATALITY
2013	37	7	1
2014	39	11	0
2015	35	8	1

TABLE 2-3: SR 20 AT HAMPTON STATION BLVD:

YEAR	ACCIDENTS	INJURY	FATALITY
2013	2	2	1
2014	0	0	0
2015	3	1	0

TABLE 2-4: SR 20 BETWEEN KROGER DRWY AND DOCK LATHEN TR

YEAR	ACCIDENTS	INJURY	FATALITY
2013	4	2	1
2014	0	0	0
2015	5	3	0