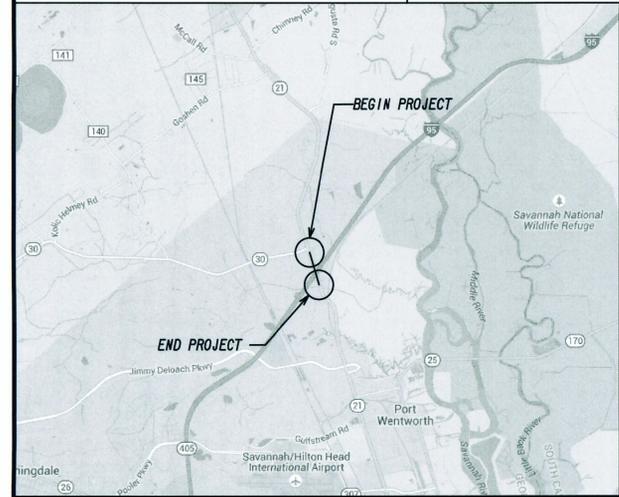


# DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

## PLAN AND PROFILE OF PROPOSED 1-95 @ SR 21 DIVERGING DIAMOND INTERCHANGE

### CHATHAM COUNTY FEDERAL AID PROJECT

FEDERAL ROUTE \* I-95  
 STATE ROUTE \* SR 21, SR 405



LOCATION SKETCH

P. I. NO. 0012722

**DESIGN DATA:**

**TRAFFIC A.D.T.:**  
 SR-21 = 45,790 (2014)  
 I-95 = 56,320 (2014)  
 I-95 SB/NB ON-RAMP=12,100/3,785 (2014)  
 I-95 SB/NB OFF-RAMP= 3,785/12100 (2014)

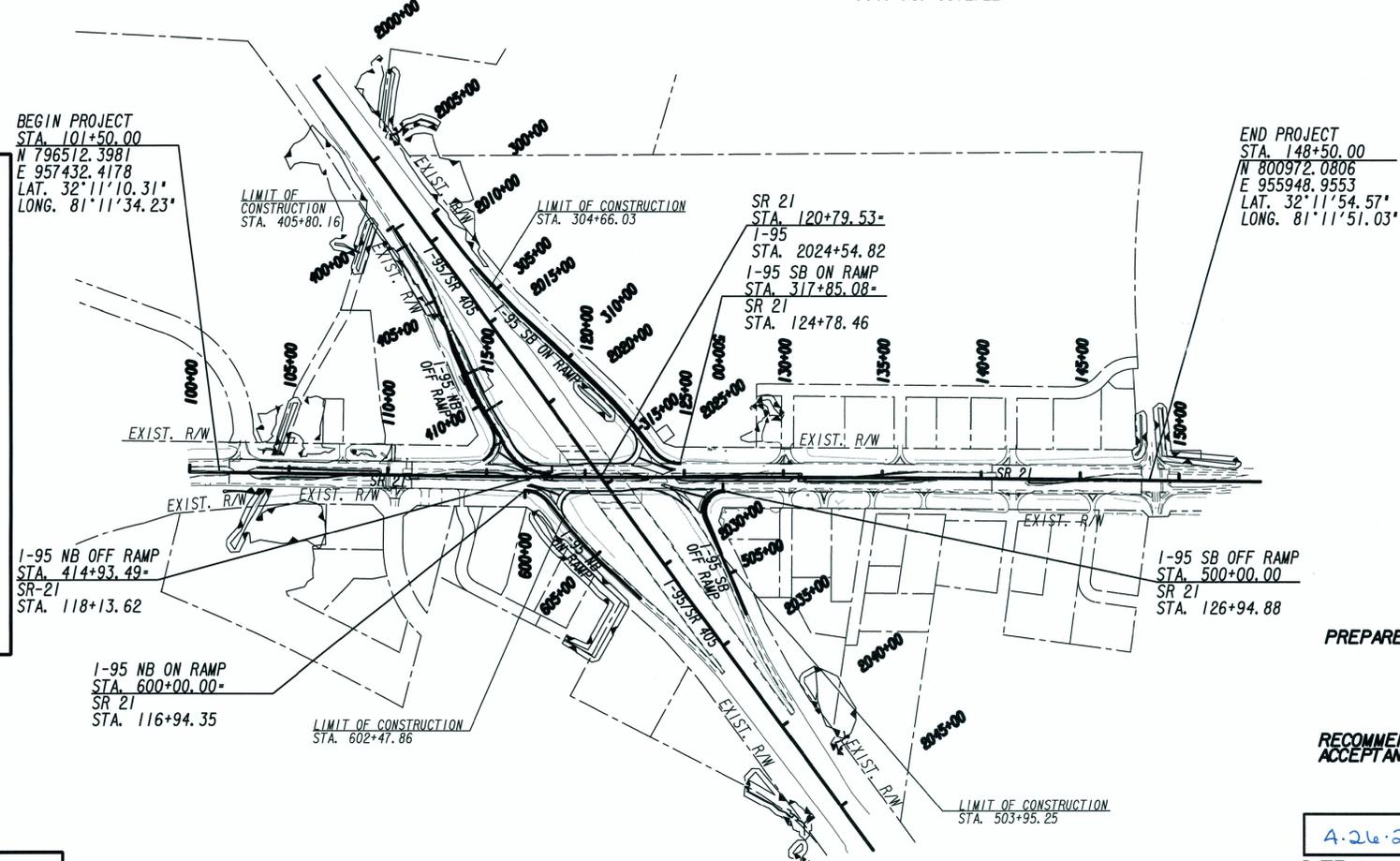
**TRAFFIC A.D.T.:**  
 SR-21 = 62,820 (2035)  
 I-95 = 81,190 (2035)  
 I-95 SB/NB ON-RAMP=16,575/5,185 (2035)  
 I-95 SB/NB OFF-RAMP= 5,185/16,575 (2035)

**SPEED DESIGN:**  
 SR 21 MAINLINE/DDI=45 MPH/35 MPH  
 I-95 RAMPS=60 MPH/45 MPH

**DIRECTIONAL DIST:**  
 SR-21=52/48X  
 I-95=50/50X

**% TRUCKS:**  
 SR-21=6X  
 I-95=24X  
 I-95 RAMPS (N. OF SR 21)=7X  
 I-95 RAMPS (S. OF SR 21)=10X

**24 HR.TRUCKS %:**  
 SR-21=15X  
 I-95=29X  
 I-95 RAMPS (N. OF SR 21)=11X  
 I-95 RAMPS (S. OF SR 21)=13X



END PROJECT  
 STA. 148+50.00  
 N 800972.0806  
 E 955948.9553  
 LAT. 32°11'54.57"  
 LONG. 81°11'51.03"

MIDPOINT COORDINATE  
 STA. 125+00.00  
 N 798742.8761  
 E 956692.6972  
 LAT. 32°11'32.44"  
 LONG. 81°11'42.61"

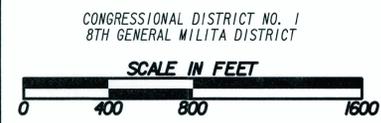
THIS PROJECT HAS BEEN PREPARED USING THE HORIZONTAL GEORGIA COORDINATE SYSTEM OF 1984 (NAD 1983)/94 EAST ZONE, AND THE NORTH AMERICAN VERTICAL DATUM (NAVD) OF 1988.

LOCATION AND DESIGN APPROVAL DATE: 12/15/14  
 FUNCTIONAL CLASS: SR 21 - URBAN PRINCIPAL ARTERIAL  
 I-95 - URBAN FREEMWAY  
 THIS PROJECT IS 100% IN CHATHAM COUNTY AND IS 100% IN CONGRESSIONAL DISTRICT NO. 1.  
 PROJECT DESIGNATION: EXEMPT

**NOTE:**  
 ALL REFERENCES IN THIS DOCUMENT, WHICH INCLUDES ALL PAPERS, WRITINGS, DOCUMENTS, DRAWINGS, OR PHOTOGRAPHS USED, OR TO BE USED IN CONNECTION WITH THIS DOCUMENT, TO "STATE HIGHWAY DEPARTMENT OF GEORGIA", "STATE HIGHWAY DEPARTMENT", "GEORGIA STATE HIGHWAY DEPARTMENT", "HIGHWAY DEPARTMENT", OR "DEPARTMENT" WHEN THE CONTEXT THEREOF MEANS THE STATE HIGHWAY DEPARTMENT OF GEORGIA, AND SHALL BE DEEMED TO MEAN THE DEPARTMENT OF TRANSPORTATION.

THE DATA, TOGETHER WITH ALL OTHER INFORMATION SHOWN ON THESE PLANS OR IN ANYWAY INDICATED THEREBY, WHETHER BY DRAWINGS OR NOTES, OR IN ANY OTHER MANNER, ARE BASED UPON FIELD INVESTIGATIONS AND ARE BELIEVED TO BE INDICATIVE OF ACTUAL CONDITIONS. HOWEVER, THE SAME ARE SHOWN AS INFORMATION ONLY, ARE NOT GUARANTEED, AND DO NOT BIND THE DEPARTMENT OF TRANSPORTATION IN ANY WAY. THE ATTENTION OF BIDDER IS SPECIFICALLY DIRECTED TO SUBSECTIONS 102.04, 102.05, AND 104.03 OF THE SPECIFICATIONS.

LENGTH OF PROJECT	COUNTY No. 051 CHATHAM COUNTY
	MILES
NET LENGTH OF ROADWAY	0.890
NET LENGTH OF BRIDGES	0.000
NET LENGTH OF PROJECT	0.890
NET LENGTH OF EXCEPTIONS	0.000
GROSS LENGTH OF PROJECT	0.890



DRAWING NO.  
 01-0001

**W**  
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 www.wolverson.com



PREPARED BY: \_\_\_\_\_  
 DESIGN: \_\_\_\_\_  
 RECOMMENDED FOR ACCEPTANCE BY: *Carol O. Van Meter*  
 STATE INNOVATIVE DELIVERY ENGINEER

A.26.2016	Margaret B. Pirkel
DATE	CHIEF ENGINEER
PLANS COMPLETED 04-27-2016	
REVISIONS	