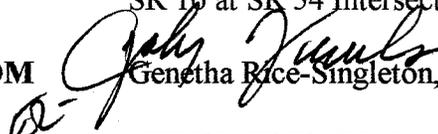


D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE P. I. No. 332180-, Coweta County **OFFICE** Preconstruction
NH-022-1(23)
SR 16 at SR 54 Intersection Improvement **DATE** September 19, 2006

FROM  Genetha Rice-Singleton, Assistant Director of Preconstruction

TO  SEE DISTRIBUTION

SUBJECT APPROVED REVISED PROJECT CONCEPT REPORT

Attached for your files is the approval for subject project.

GRS/cj

Attachment

DISTRIBUTION:

Brian Summers
Harvey Keeper
Ken Thompson
Jamie Simpson
Michael Henry
Keith Golden
Joe Palladi (file copy)
Babs Abubakari
Thomas Howell
BOARD MEMBER

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

RECEIVED
SEP 13 2006
OFFICE OF PLANNING

INTERDEPARTMENT CORRESPONDENCE

FILE NH-022-1(23) Coweta County OFFICE Thomaston
P. I. No. 332180
SR 16 @ SR 54 Intersection Improvement
DATE September 11, 2006

FROM Thomas B. Howell, P.E., District Engineer

TO Genetha Rice-Singleton., Assistant Director of Preconstruction

SUBJECT **REVISED PROJECT CONCEPT REPORT**

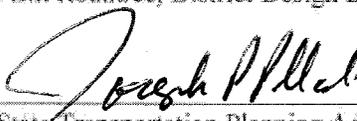
Attached is the original copy of the revised Concept Report for your further handling for approval in accordance with the Plan Development Process (PDP).

The revised features include reconstructing the intersection from a four-way stop condition to a roundabout configuration. The roundabout will consist of 15 foot travel lanes at the entry and exit, a 20 foot circulatory lane and a 14 foot concrete apron for truck turning movements, and have a diameter of 150 feet.

The revised concept as presented herein and submitted for approval is consistent with that which is included in the Regional Transportation Improvement Program (RTP) and/or the State Transportation Improvement Program (STIP).

If additional information is needed, contact Bill Rountree, District Design Engineer, at (706) 646-6604.

DATE 9/14/06



State Transportation Planning Administrator

WJR: AJR: shd

- c: Brian Summers, Project Review Engineer
Harvey Keepler, State Environmental/Location Engineer
Keith Golden, State Traffic Safety and Design Engineer
Joseph Palladi, State Transportation Planning Administration
Jamie Simpson, State Financial Management Administrator
David Millen, District Preconstruction Engineer
Lamar Pruitt, District Construction Engineer
Mike England, District Traffic Operations Engineer
Ken Robinson, District Maintenance Engineer
Debra Fowler, District Environmentalist
Tommy Cleveland, District Location Engineer
Colandra Barron, District Scheduling Technician

Updated traffic data (AADT):

Current Year: 11,230 (2005) S.R. 16
9,000 (2005) S.R. 54

Design Year: 16,687 (2025) S.R. 16
13,373 (2025) S.R. 54

Programmed/Schedule:

P.E. 10-8-1996

R/W: Local

Construction: LR

Revised cost estimates:

1. Construction cost including inflation and E&C,
2. Right-of-way, and
3. Utilities

Is the project located in a Non-attainment area? Yes No.

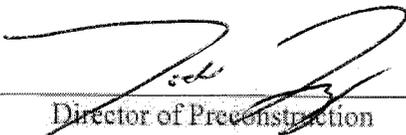
This project is exempt from complying with the Atlanta Regional Commission's Regional Model for Air Quality due to the scope of work being safety.

Recommendation: Recommend that the proposed revision to the concept be approved for implementation.

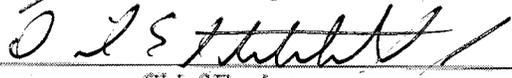
Attachments:

1. Sketch Map.
2. Cost Estimate.
3. Conforming plan's network schematics showing thru lanes, (Note: This attachment is required for non-attainment areas only.), and
4. Other supporting documents.

Concur: _____

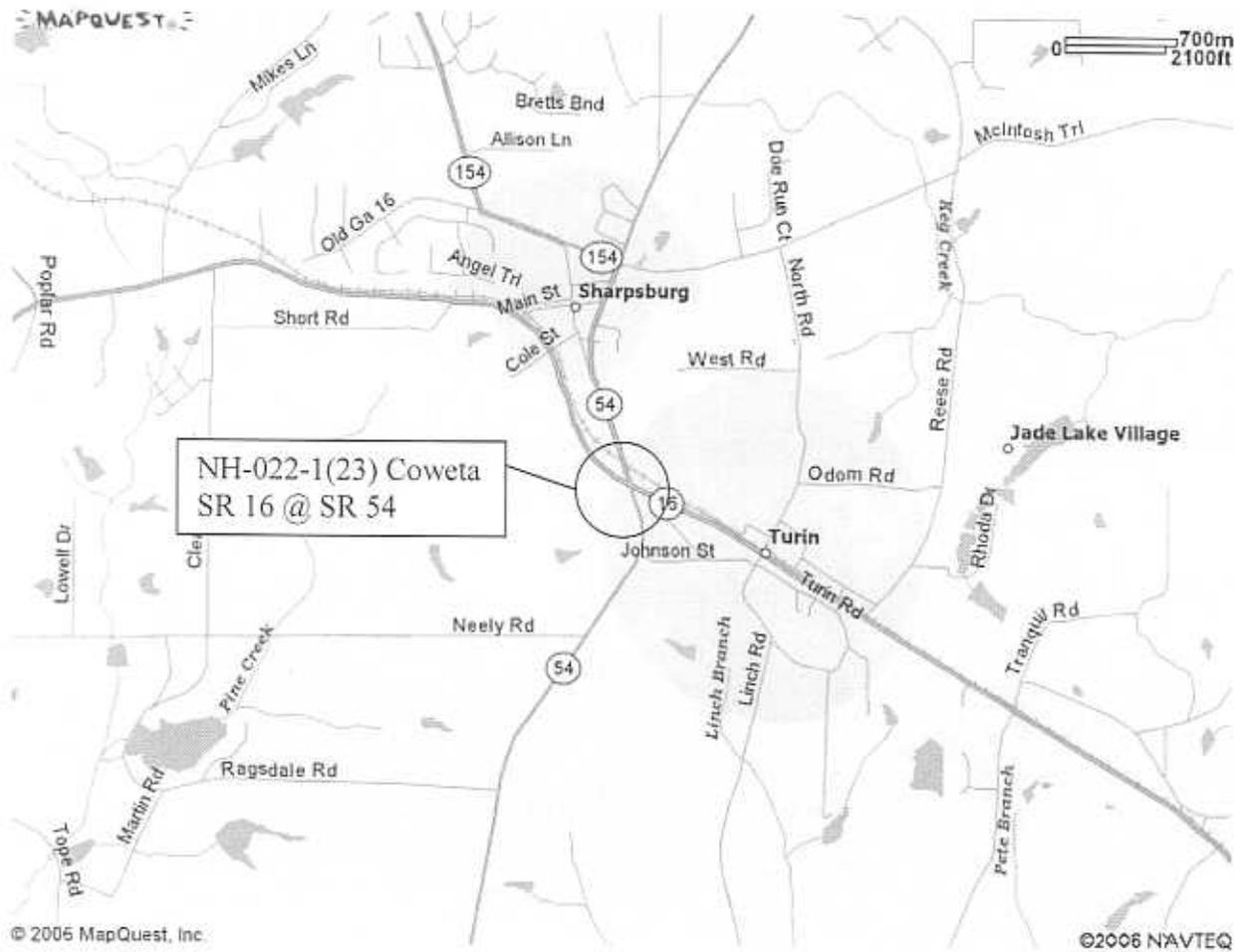
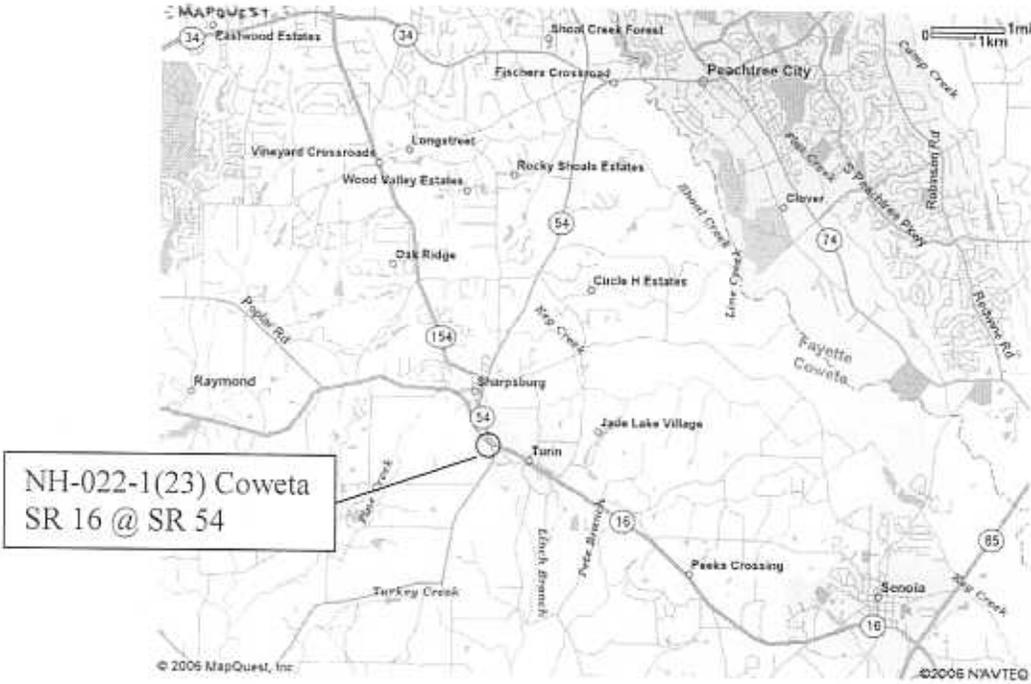

Director of Preconstruction

Approve: _____


Chief Engineer

NH-022-1(23) Coweta
PI 332180

PROJECT LOCATION MAP



Location of Project Number NH-022-1(23) Coweta

PRELIMINARY COST ESTIMATE

PROJECT NUMBER: NH-022-1(23)

COUNTY: Coweta

DATE: 8-31-06

ESTIMATED LETTING DATE: LR

PREPARED BY: msa

PROJECT LENGTH: 0.16 miles

 PROGRAMMING PROCESS CONCEPT DEVELOPMENT DURING PROJECT DEV.

PROJECT COST	
A. RIGHT-TO-WAY:	
1. PROPERTY (LAND & EASEMENT)	\$100,000
2. DISPLACEMENTS; RES: , BUS; , M.H.:	\$0
3. OTHER COST (ADM./COST, INFLATION)	\$0
SUBTOTAL:A	\$100,000
B. REIMBURSABLE UTILITIES:	
1. RAILROAD	\$0
2. TRANSMISSION LINES	\$0
3. SERVICES	\$0
SUBTOTAL:B	\$0
C. CONSTRUCTION:	
1. MAJOR STRUCTURES	
a. OVERPASSES	\$0
b. OTHER	\$0
SUBTOTAL:C-1	\$0
2. GRADING AND DRAINAGE:	
a. EARTHWORK (20,000 cy @ \$9.00/cy)	\$180,000
b. DRAINAGE:	
1) Cross Drain Pipe	\$30,000
2) Curb and Gutter (2800 ft @ \$25/ft)	\$70,000
3) Longitudinal System	\$60,000
SUBTOTAL:C-2	\$340,000

PROJECT COST		
3. BASE AND PAVING:		
a. AGGREGATE BASE (2300 Ton @ \$20/Ton)		\$46,000
b. ASPHALT PAVING: Surface (720 Ton @ \$100/ Ton)	\$72,000	
Binder (1000 Ton @ \$100/ Ton)	\$100,000	
Base (1200 Ton \$100/Ton)	\$120,000	
SUBTOTAL:C-3.b		\$292,000
c. CONCRETE PAVING		
		\$72,000
d. OTHER (Bituminous Tack 5000 Gal @ \$ 2.00/Gal)		
		\$10,000
SUBTOTAL:C-3		\$420,000
4. LUMP ITEMS:		
a. GRASSING		
		\$41,000
b. CLEARING AND GRUBBING		
		\$26,000
c. LANDSCAPING		
		\$0
d. EROSION CONTROL		
		\$80,000
e. TRAFFIC CONTROL		
		\$100,000
SUBTOTAL:C-4		\$247,000
5. MISCELLANEOUS:		
a. LIGHTING ()		
		\$23, 660
b. SIGNING - MARKING (3100 ft ² signing material @ \$21/ft ²)		
		\$65,100
c. GUARDRAIL – (0 ft @ \$10/ft)		
		\$0
d. SIDEWALK (1600 yd ² @\$35/yd ²)		
		\$56,000
SUBTOTAL:C-5		\$144,760
6. SPECIAL FEATURES (NONE)		
SUBTOTAL:C-6		\$0.00

ESTIMATE SUMMARY	
A. RIGHT-OF-WAY ()	\$100,000
B. REIMBURSABLE UTILITIES	\$0
C. CONSTRUCTION	
1. MAJOR STRUCTURES	\$0
2. GRADING AND DRAINAGE	\$340,000
3. BASE AND PAVING	\$420,000
4. LUMP ITEMS	\$247,000
5. MISCELLANEOUS	\$144,760
6. SPECIAL FEATURES	\$0
SUBTOTAL CONSTRUCTION COST	\$1,151,760
E. & C. (10%)	\$115,176
TOTAL CONSTRUCTION COST	\$1,266,940
GRAND TOTAL PROJECT COST	\$1,366,940

This project is 100 percent in congressional district 3.