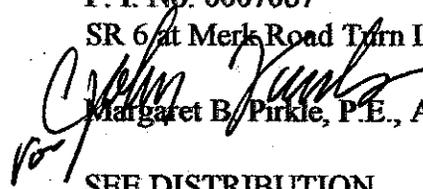


D.O.T. 66

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE . STP-0007-00(067) Fulton County **OFFICE** Preconstruction
P. I. No. 0007067
SR 6 at Merik Road Turn Lane **DATE** December 16, 2004

FROM  Margaret B. Pirkle, P.E., Assistant Director of Preconstruction

TO SEE DISTRIBUTION

SUBJECT PROJECT CONCEPT REPORT APPROVAL

Attached for your files is the approval for subject project.

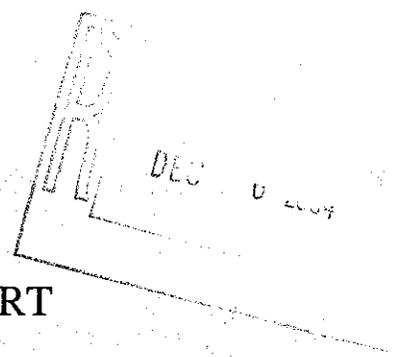
MBP/cj

Attachment

DISTRIBUTION:

David Mulling
Harvey Keeper
Ken Thompson
Jamie Simpson
Michael Henry
Phillip Allen
Joe Palladi (file copy)
Paul Liles
Buddy Gratton
BOARD MEMBER

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA



PROJECT CONCEPT REPORT

FULTON COUNTY

FEDERAL ROUTE NO: N/A
STATE ROUTE NO: 6
GADOT P.I. NO: 0007067
STP-0007-00(067)

SEE ATTACHED
LOCATION SKETCH

Date of Report: November 10, 2004

RECOMMENDED: 12-2-04 Phillip M. Allen
DATE SAFETY TRAFFIC SAFETY AND DESIGN ENGINEER

RECOMMENDED: 11/16/04 Buddy A. Hor
DATE DISTRICT ENGINEER

RECOMMENDED: 12/8/04 Paul W. Wells
DATE CHIEF ENGINEER

APPROVED: 12-8-04 Harold E. Linnick
DATE COMMISSIONER

PROJECT CONCEPT REPORT

P.I. NO.:
0007067

Project No.:
STP-0007-00(067)

Route No.:
State Route 6; County Route 1374

Location:
The project is located near the City of East Point in South Fulton County. This project is located in Land District 14 and Land Lot 74. The project is approximately 3.5 miles east of SR 407/I-285 and approximately 2.5 miles south of SR 166.

Description:
The intersection of SR 6 and Merk Road is a signalized "T" intersection. SR 6 consists of four-12 ft. lanes; one exclusive left-turn on the westbound approach and 10-ft rural shoulders with posted speed limit of 55 mph. Merk Rd. is a rural road consisting of two-12ft travel lanes and 4-6-ft rural shoulder. This project proposes to construct a 680-ft right turn/decel lane on eastbound approach. This project satisfies the *Need and Purpose* by improving safety and operational efficiency through an exclusive right-turn lane, as vehicles turning right onto Merk will no longer impede the flow of through traffic.

Traffic – Current ADT:
SR 6: 34,100
Merk Rd: 2,990

Existing Right of Way:
SR 6: 200-ft
Barnwell Rd.: 60-ft

Existing Traffic Control:
Traffic Signal

Existing Major Structures:
None

Statement of Need & Purpose

The purpose of this proposed project is to provide operational and safety improvements to the signalized intersection of SR 6/Camp Creek Parkway and Merk Road/CR 1374. Currently, vehicles traveling eastbound on SR 6 during PM peak hours experience moderate congestion in the outside lane; this is due to numerous right-turns onto Merk Road and the absence of an exclusive right-turn lane. The project area is undergoing rapid development and becoming highly residential. Several new large subdivisions have been constructed along Merk Rd. The need for

a right-turn lane is also evidence by the use of the shoulder: vehicles needing to make a right turn onto Merk Rd. will use the 10-ft shoulder to by-pass through traffic. The posted speed for the SR 6 is 55 mph; in accordance with GaDot MOG6638-1, when the posted speed limit is greater than or equal to 45 mph on multi-lane divided highways, right turn declaration lanes shall be placed at the public street intersection and direct entrances to major traffic generators. Constructing an exclusive concrete right turn on SR 6 at Merk Road will improve safety, increase operation efficiency and accommodate anticipated increased ADT.

Bicycle & Pedestrian Considerations:

None

Length:

680-ft

Termini: SR 6

From M.P.: 5.41

To M.P.: 5.51

CR 1374

9.22

9.36

PDP Class:

Minor

Functional Class:

Urban Principal Arterial (SR 6)

Urban Minor Collector (CR 1374)

Design Speed:

55 mph (SR 6)

45 mph (CR 1374)

Proposed Typical Section:

The proposed auxiliary lane shall match existing grade and lane width of 12-ft.

Proposed Major Structures:

None

Type Access:

By Permit

Traffic Control During Construction:

Stage Construction

Right-of-Way Requirements:

None Anticipated

Utilities:

None Anticipated

Estimated Cost:

<u>Item</u>	<u>Total Amount</u>
	<u>STATE</u>
R/W-----	\$ 0
Utilities-----	\$ 0
Estimate LGPA Total-----	\$ 0
Construction-----	\$ 143,000
Traffic Signal-----	\$ 0
Railroad Equipment-----	\$ 0
E & C 10%-----	\$ 14,300
Total Construction-----	\$ 157,300

Permits Required:

None

Level of Environmental Analysis: Categorical Exclusion

Level of Public Involvement:

None

Time Saving Procedures Appropriate: Yes(X)

No ()

Design Variances Required:

None

Alternates Considered:

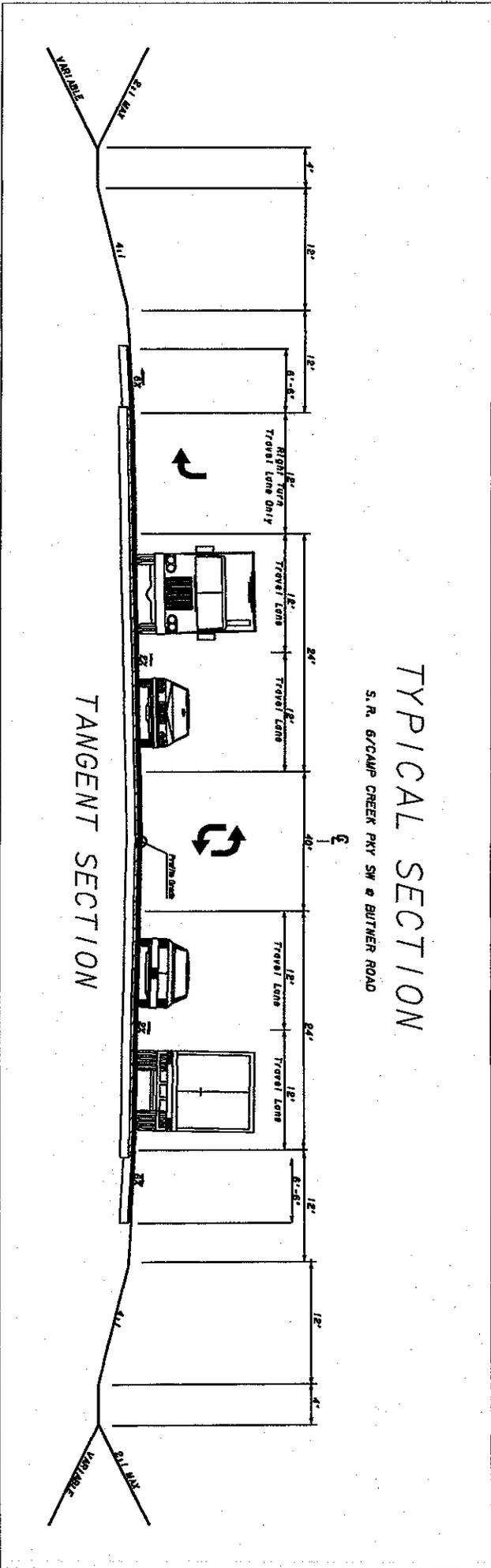
No Build

Comments:

Attachments:

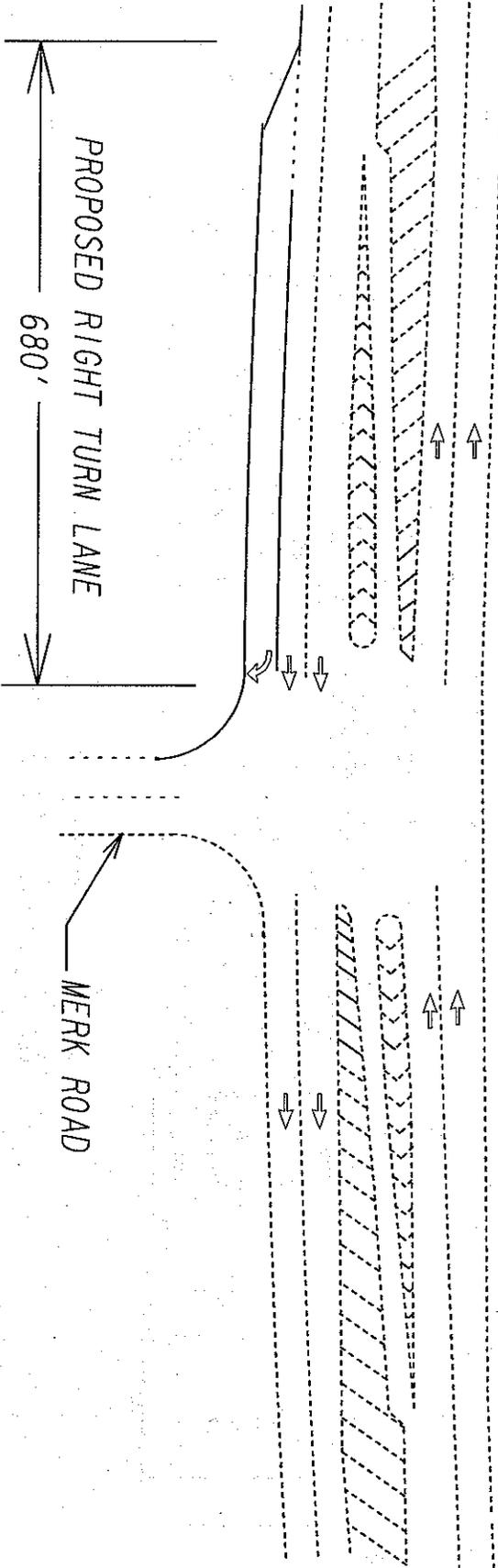
1. Design sketch
2. Typical section

Prepared By: Lowell O. James



...:typical sectionLJ.dgn 11/18/2004 2:44:17 PM

SR 6 / CAMP CREEK PKWY



SR 6 AT MERK ROAD

