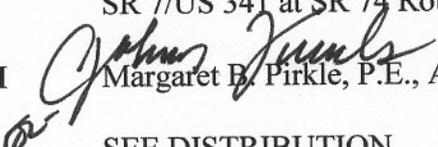


D.O.T. 66

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

**FILE** P. I. No. 0007647, Monroe County **OFFICE** Preconstruction  
STP-0007-00(647)  
SR 7/US 341 at SR 74 Roundabout **DATE** February 1, 2006

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

**TO** SEE DISTRIBUTION

**SUBJECT** APPROVED PROJECT CONCEPT REPORT

Attached for your files is the approval for subject project.

MBP/cj

Attachment

DISTRIBUTION:

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

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

*Office of Traffic Safety and Design*

**PROJECT CONCEPT REPORT**

Project Number: STP-0007-00(647)

County: Monroe

P. I. Number: 0007647

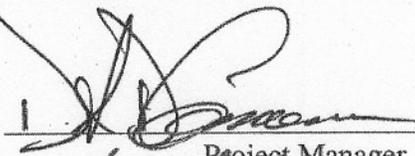
Federal Route Number: US 341

State Route Number: 7 and 74

*SR 7/US 341 at SR 74 Roundabout Project*

Recommendation for approval:

DATE 1-9-2006

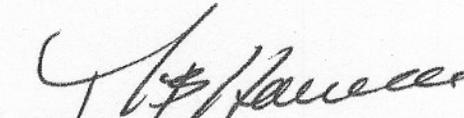
  
Project Manager

DATE 1-9-2006

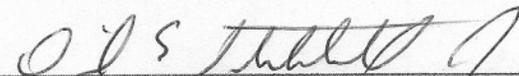
  
Traffic Safety and Design Engineer

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

DATE 1/11/06

  
District Engineer

APPROVED BY:

  
Chief Engineer

1/31/06  
Date

## NOTICE OF LOCATION AND DESIGN APPROVAL

**STP-0007-00(647), Monroe County  
P.I. Number: 0007647**

Notice is hereby given in compliance with Georgia Code 22-2-109 that the Georgia Department of Transportation has approved the Location and Design of this project.

Date of Location and Design Approval: **FEBRUARY 1, 2006**

The project is located at the intersection of S.R. 7/US 341 and 74 approximately 3.2 miles east of the Upson County line and approximately 0.7 mile north of the city limit of Culloden in Monroe County. The project lies within Land District 11, Land Lot 82, and GMD 557.

The project proposes to reconstruct the existing intersection of SR 7/US 341 with SR 74 in Monroe County to a modern roundabout. The inscribed diameter of the roundabout will be 150 feet with a 20-foot circulatory lane and a 14-foot concrete apron for truck turning movements. The interior island would be landscaped and exterior lighting will be installed. Reconstruction of SR 7 will provide for a 15-foot wide travel lane on the approaches to the roundabout. Curb and gutter would extend approximately 350 feet back from the roundabout in both directions. Reconstruction of SR 74 will be similar to SR 7.

Drawings or maps or plats of the proposed project, as approved, are on file and are available for public inspection at the Georgia Department of Transportation:

**Clay Moore, Area Engineer  
Georgia Department of Transportation  
101 Transportation Blvd.  
Thomaston, Georgia 30286**

**(706) 646-6100**

Any interested party may obtain a copy of the drawings or maps or plats or portions thereof by paying a nominal fee and requesting in writing to:

**Keith Golden, P.E., State Traffic Safety and Design Engineer  
Office of Traffic Safety and Design  
935 E. Confederate Avenue, Bldg. No. 24  
Atlanta, Georgia 30316**

**(404) 635-8115**

Any written request or communication in reference to this project or notice SHOULD include the Project and P.I. Numbers as noted at the top of this notice.



**Need and Purpose:** *Crash History for this intersection shows fifteen accidents over a three-year period (2002-2004), including fourteen angle intersecting and one on-shoulder accident. Of the total fourteen angle accidents, nine involved injuries, five involved property damages only, and one accident resulted in a fatality. Constructing a modern roundabout at this intersection, including splitter islands, visible central island with a truck apron, proper signing and pavement markings, and providing exterior lighting will result in reducing crashes at this intersection and will improve progression of traffic through the intersection. To improve safety and orderly progression of traffic through the intersection, the improvements discussed in this report are recommended.*

**Description of the proposed project:** *The intersection of S.R. 7/US 341 with S.R. 74 is located approximately 3.2 miles east of the Upson County line and approximately 0.7 mile north of the city limit of Culloden in Monroe County. This project proposes to reconstruct the existing four-way stop controlled intersection to a modern roundabout. The inscribed diameter of the roundabout will be 150 ft. with a 15 ft. travel lane at entry and exit, 20 ft. circulatory lane and a 14 ft. concrete apron for truck turning movements. Both S.R. 7 and S.R. 74 will have 2-12 ft. travel lanes tapering 315 ft. to 2-15 ft. lanes separated by a splitter island. The interior island and approach islands will be raised and exterior lighting will be provided. Curb and gutter and sidewalk will be extended approximately 350 ft. back from the roundabout on all approaches.*

**Is the project located in a Non-attainment area?** Yes (X) No\_\_\_\_\_

**PDP Classification:** Major \_\_\_\_\_ Minor X

**Federal Oversight:** Full Oversight ( ), Exempt(X), State Funded( ), or Other ( )

**Functional Classification:** Both S.R. 7 and S.R. 74 are Minor Arterials

**U. S. Route Number(s):** US 341

**State Route Number(s):** 7 and 74

**Traffic (AADT):**

Current Year: (2008) _____	Design Year: (2028) _____
S.R. 7: 3500	5300
S.R. 74: 2500	3700

**Existing design features:**

- Typical Section: *S.R. 7: 2-12 ft. travel lanes, one in each direction with rural shoulders.*  
*S.R. 74: 2-12 ft. travel lanes, one in each direction with rural shoulders.*
- Posted speed: 55 mph Minimum radius for curve: N/A
- Maximum super-elevation rate for curve: 2%
- Maximum grade: 2%
- Width of right of way: S.R. 74: 130 ft., S.R. 7: 100 ft.
- Major structures: N/A
- Major interchanges or intersections along the project: S.R. 7 at S.R. 74
- Existing length of roadway segment and the beginning mile logs for each county segment: S.R. 7: 0.16 mile, from M.P. 2.25 to M.P. 2.41  
S.R. 74: 0.16 mile, from M.P. 2.97 to M.P. 3.13

**Proposed Design Features:**

- Proposed typical section(s): *2-12 ft. travel lanes, one each direction with curb & gutter and sidewalk.*
- Proposed Design Speed Mainline: 45 mph
- Proposed Maximum grade Mainline: 1% Maximum grade allowable: 1%.
- Proposed Maximum grade Side Street: 1% Maximum grade allowable: 1%.
- Proposed Maximum grade driveway: 10%
- Proposed Minimum radius for curve: N/A Maximum radius allowable: N/A
- Proposed Maximum super-elevation rate for curve: 2%
- Proposed Maximum degree of curve: N/A Maximum degree allowable: N/A
- Right of way
  - Width: 100 ft. along S.R. 7 and 130 ft. along S.R. 74 additional 3884 square feet will be required from all the quadrants of the intersection.
  - Easements: Temporary (  ), Permanent (  ), Utility (  ), Other (  ).
  - Type of access control: Full (  ), Partial (  ), By Permit (  ), Other (  ).
  - Number of parcels: 4 Number of displacements: None
    - Business: 2
    - Residences: 0
    - Mobile homes: 0
    - Other: 2
- Structures: *None*
- Major intersections and interchanges: *S.R. 7 at S.R. 74*
- Traffic control during construction: *existing operation shall be maintained during construction.*

- Design Exceptions to controlling criteria anticipated:

	<u>UNDETERMINED</u>	<u>YES</u>	<u>NO</u>
HORIZONTAL ALIGNMENT:	( )	( )	(x)
ROADWAY WIDTH:	( )	( )	(x)
SHOULDER WIDTH:	( )	( )	(x)
VERTICAL GRADES:	( )	( )	(x)
CROSS SLOPES:	( )	( )	(x)
STOPPING SIGHT DISTANCE:	( )	( )	(x)
SUPERELEVATION RATES:	( )	( )	(x)
HORIZONTAL CLEARANCE:	( )	( )	(x)
SPEED DESIGN:	( )	( )	(x)
VERTICAL CLEARANCE:	( )	( )	(x)
BRIDGE WIDTH:	( )	( )	(x)
BRIDGE STRUCTURAL CAPACITY:	( )	( )	(x)

- Design Variances: *None anticipated*
- Environmental concerns: *UST's assessment is anticipated*
- Level of environmental analysis:
  - Are Time Savings Procedures appropriate? Yes ( X ), No ( ),
  - Categorical exclusion: *Anticipated*
- Utility involvements: *Communications and Power*

**Project responsibilities:**

- Design: *GDOT-District 3 Preconstruction*
- Right of Way Acquisition: *GDOT*
- Relocation of Utilities: *GDOT*
- Letting to contract: *GDOT*
- Supervision of construction: *GDOT*
- Providing material pits: *Contractor*
- Providing detours: *N/A*

**Coordination**

- Concept meeting date and brief summary: *October 31, 2005, meeting minutes attached*
- P. A. R. meetings, dates and results: *Did not meet warrants for signalization*
- FEMA, USCG, and/or TVA. *N/A*
- Public involvement. *N/A*
- Local government comments. *N/A*
- Other projects in the area. *None*
- Other coordination to date. *Representatives for utility companies attended concept team meeting.*
- Railroads. *N/A*

### **Scheduling – Responsible Parties’ Estimate**

- Time to complete the environmental process: 6 Months.
- Time to complete preliminary construction plans: 3 Months.
- Time to complete right of way plans: 2 Months.
- Time to complete the Section 404 Permit: N/A.
- Time to complete final construction plans: 2 Months.
- Time to complete to purchase right of way: 8 Months.
- Time to receive and plot existing utilities locations: 3 Months.
- Time to receive and plot proposed utilities locations: 3 Months.

### **Other alternates considered:**

1. *No Build*
2. *The intersection did not meet the warrants signalization.*

### **Comments:**

### **Attachments:**

1. Cost Estimates:
  - a. Construction including E&C,
  - b. Right of Way, and
  - c. Utilities.
2. Sketch location map
3. Typical sections
4. Accident summaries
5. Capacity analysis
6. Minutes of Concept meetings
7. Location and Design Notice
8. Concept Layout Plan

## PRELIMINARY COST ESTIMATE

PROJECT NUMBER: CSSTP-0007-00(647)  
 DATE: 1/6/2006  
 PREPARED BY: Traffic Safety & Design

COUNTY: Monroe  
 ESTIMATED LETTING DATE: 01-2008  
 PROJECT LENGTH: 0.16 Mile

( ) PROGRAMMING PROCESS (x) CONCEPT DEVELOPMENT ( ) DURING PROJECT DEV.

PROJECT COST		
<b>A. RIGHT-OF-WAY:</b>		
1. PROPERTY (LAND & EASEMENT)		\$100,000
2. DISPLACEMENTS; RES: 0, BUS; 5, M.H.: 0		
3. OTHER COST (ADM./COST, INFLATION)		
<b>SUBTOTAL: A</b>		\$100,000
<b>B: REIMBURSEABLE UTILITIES:</b>		
1. RAILROAD		\$0
2. TRANSMISSION LINES		\$0
3. SERVICES (Water & Sewer)		\$0
<b>SUBTOTAL: B</b>		\$0
<b>C: CONSTRUCTION:</b>		
1. MAJOR STRUCTURES		
		\$0
<b>SUBTOTAL: C-1</b>		\$0
2. GRADING AND DRAINAGE:		
a. EARTHWORK (incl. GRADING)		
		\$180,000
b. DRAINAGE:		
1) Cross Drain Pipe		\$30,000
2) Curb and Gutter		\$35,200
3) Concrete Sidewalk		\$40,000
4) Concrete Median, 4 in		\$10,000
5) Curb Cut Wheelchair Ramp		\$6,000
3) Longitudinal System (incl. catch basins)		\$50,000
<b>SUBTOTAL: C-2</b>		\$380,000
3. BASE AND PAVING:		
a. GAB: (12") Surface (\$14.48 X 2222 TN)		\$32,175
b. ASPH. PAVING: 25 MM Superpave (\$37.85 X 1141TN)		43,187
19 MM Superpave (\$45.62 X 970 TN)		44,251
12.5 MM Superpave (\$45.37 X 714 TN)		32,394
Pavement Reinf. Fabric		8,000
Tack Coat (\$0.9/GAL X 5000)		4,500
<b>SUBTOTAL: C-3</b>		\$164,507
4. LUMP ITEMS:		
a. GRASSING		
		\$35,000
b. LANDSCAPING		
c. EROSION CONTROL		
		\$50,000
d. TRAFFIC CONTROL		
		\$80,000
<b>SUBTOTAL: C-4</b>		\$165,000
5. MISCELLANEOUS:		
a. LIGHTING		
		\$20,000
b. SIGNING & MARKING		
Hwy Signs, TP1 Material, Reflective Sheeting, TP 6		\$6,400
Hwy Signs, Alum Extruded Panels		\$7,700
Galv Steel Posts, TP 7		\$5,300

Galv Steel Str Shape Post		\$6,300
Piling in place, Signs, Steel H, HP 12X 53		\$2,200
Markings		\$7,000
<b>c. GUARDRAIL</b>		\$0
	<b>SUBTOTAL: C-5</b>	\$54,900
<b>6. SPECIAL FEATURES</b>		
<b>SUBTOTAL: C-6</b>		
<b>ESTIMATE SUMMARY</b>		
<b>A. RIGHT-OF-WAY</b>		\$100,000
<b>B. REIMBURSEABLE UTILITIES</b>		\$0
<b>C. CONSTRUCTION</b>		
1. MAJOR STRUCTURES		\$0
2. GRADING AND DRAINAGE		\$380,000
3. BASE AND PAVING		\$164,507
4. LUMP ITEMS		\$165,000
5. MISCELLANEOUS		\$54,900
6. SPECIAL FEATURES		
<b>SUBTOTAL CONSTRUCTION COST</b>		\$764,407
<b>E. &amp; C. (10%):</b>		\$76,441
<b>INFLATION (5% PER YEAR)</b>		42,043
NUMBER OF YEARS	1	
<b>TOTAL CONSTRUCTION PROJECT COST</b>		<b>\$882,891</b>
<b>GRAND TOTAL PROJECT COST (CONS+RW+UTIL)</b>		<b>\$982,891</b>



# (2002 Accidents)

## Analysis Report 1

Total Accidents: 10    Total Vehicles: 18    Total Injuries: 8    Total Fatalities: 0

### Accident Analysis Report 1

Accident Id	Date	Time	County	Rt TP	Rt No	Mile	Intr TP	InterRt	Ramp	Inj	Fatal	Collision	Loc Impact	Harmful Event	Light	Surf D1	D2	VM1	VM2	
22940791	09/02/2002	09:32:AM	Monroe	State	000700	2.31				1	0	1-Angle	3-Off Roadway	11-Motor Vehicle in	1-Daylight	Dry	S	N	01	01
20410696	04/02/2002	01:28:PM	Monroe	State	000700	2.33	1	007400		1	0	1-Angle	1-On Roadway	11-Motor Vehicle in	1-Daylight	Dry	W	S	05	05
21560287	05/16/2002	06:26:PM	Monroe	State	000700	2.33	1	007400		1	0	1-Angle	1-On Roadway	11-Motor Vehicle in	1-Daylight	Dry	E	S	05	05
21270319	04/02/2002	03:12:PM	Monroe	State	000700	2.33	1	007400		4	0	1-Angle	1-On Roadway	11-Motor Vehicle in	1-Daylight	Dry	W	N	05	05
23240667	10/26/2002	05:38:PM	Monroe	State	000700	2.33	1	007400		0	0	1-Angle	1-On Roadway	05-Other Non-Collis	1-Daylight	Wet	W	S	05	05
23630197	11/24/2002	09:59:AM	Monroe	State	000700	2.33	1	007400		0	0	1-Angle	1-On Roadway	12-Motor Vehicle in	1-Daylight	Dry	S	E	05	05
20980289	03/21/2002	09:12:AM	Monroe	State	000700	2.33	1	007400		0	0	1-Angle	1-On Roadway	11-Motor Vehicle in	1-Daylight	Dry	W	S	05	05
22940807	09/11/2002	06:11:AM	Monroe	State	000700	2.47				0	0	6-Not A Collision	1-On Roadway	09-Animal	5-Dark-Not Lighte	Dry	S		05	01
23630150	11/06/2002	08:55:AM	Monroe	State	000700	2.50				1	0	6-Not A Collision	2-On Shoulder	19-Guardrail Face	1-Daylight	Dry	N		05	05
20270494	01/11/2002	03:12:PM	Monroe	State	000700	2.83				0	0	6-Not A Collision	1-On Roadway	13-Other Object (No	1-Daylight	Dry	N	S	05	05

# (2003 Accidents)

Analysis Report 1

Total Accidents: 5    Total Vehicles: 9    Total Injuries: 6    Total Fatalities: 0

## Accident Analysis Report 1

Accident Id	Date	Time	County	Rt TP	Rt No	Mile	IntrRt TP	InterRt Ramp	Inj Fatal	Collision	Loc Impact	Harmful Event	Light	Surf D1	D2	VMI	VM2	
31560703	04/04/2003	07:43:AM	Monroe	State	000700	2.33	1	007400	3	0	1-Angle	11-Motor Vehicle in	1-Daylight	Dry	E	N	05	05
30650011	01/13/2003	01:29:PM	Monroe	State	000700	2.33	1	007400	0	0	6-Not A Collision	22-Highway Traffic	1-Daylight	Dry	N		05	
32790462	07/26/2003	10:36:AM	Monroe	State	000700	2.33	1	007400	1	0	1-Angle	11-Motor Vehicle in	1-Daylight	Dry	E	S	05	05
31970257	05/17/2003	02:50:AM	Monroe	State	000700	2.33	1	007400	1	0	1-Angle	11-Motor Vehicle in	1-Daylight	Dry	W	S	05	05
34590670	12/01/2003	06:04:PM	Monroe	State	000700	2.33	1	007400	1	0	1-Angle	11-Motor Vehicle in	5-Dark-Not Lighte	Dry	W	S	05	05

# (2004 Accidents)

Analysis Report 1

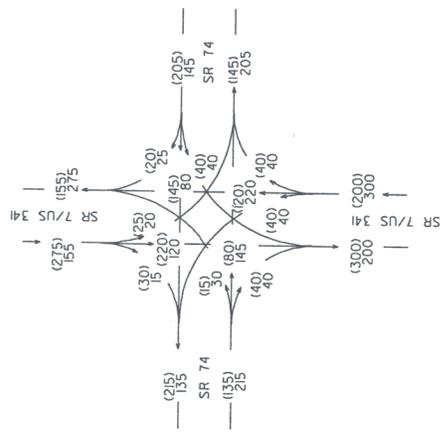
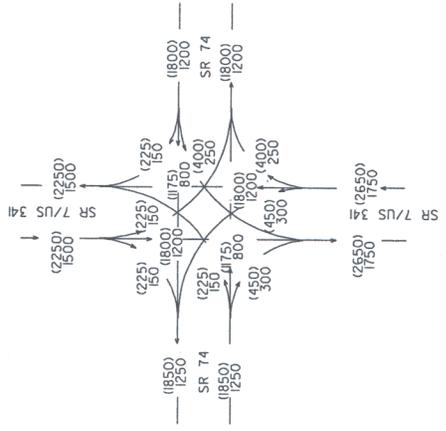
Total Accidents: 4    Total Vehicles: 8    Total Injuries: 4    Total Fatalities: 1

## Accident Analysis Report 1

Accident Id	Date	Time	County	Rt TP	Rt No	Mile	IntRt TP	InterRt Ramp	Inj Fatal	Collision	Loc Impact	Harmful Event	Light	Surf	DI	D2	VMI	VM2
40010042	01/15/2004	06:19:PM	Monroe	State	000700	2.33	1	007400	2	1	1-Angle	11-Motor Vehicle in	3-Dawn	Dry	W	N	05	05
42740283	05/15/2004	01:02:PM	Monroe	State	000700	2.33	1	007400	1	0	1-Angle	11-Motor Vehicle in	1-Daylight	Dry	E	N	05	01
42310551	04/16/2004	05:42:PM	Monroe	State	000700	2.33	1	007400	1	0	1-Angle	11-Motor Vehicle in	1-Daylight	Dry	E	N	05	05
42910883	06/13/2004	08:03:PM	Monroe	State	000700	2.33	1	007400	0	0	1-Angle	11-Motor Vehicle in	1-Daylight	Dry	N	W	04	05

2008 ADT = 000  
2028 ADT = (000)

2028 AM DHV = 000  
2028 PM DHV = (000)



CSSTP-0007-00(647)  
P.I.# 0007647  
MONROE COUNTY  
SR 7/US 34 @ SR 74  
T = 20%  
24 HR. T = 25%  
S.U.I. = 10%  
COMB. = 15%  
RCL  
1/06

## ROUNDABOUTS - UNSIGNALIZED INTERSECTIONS WORKSHEET

General Information		Site Information	
Analyst	Barzan Aran	Intersection Jurisdiction	SR 74 at SR 7 Monroe County
Agency/Co.	GDOT-Traffic Safety & Design	Analysis Year	2028 (AM)
Date Performed	1/5/06		
Time Period			

Project Description

Volume Adjustments					
		EB	WB	NB	SB
LT Traffic	Volume, veh/h	30	40	40	20
	PHF	0.90	0.90	0.90	0.90
	Flow rate, veh/h	33	44	44	22
TH Traffic	Volume, veh/h	145	80	220	120
	PHF	0.90	0.90	0.90	0.90
	Flow rate, veh/h	161	88	244	133
RT Traffic	Volume, veh/h	40	25	40	15
	PHF	0.90	0.90	0.90	0.90
	Flow rate, veh/h	44	27	44	16

Approach Flow Computation	
Approach Flow (veh/h)	Va (veh/h)
V <sub>ae</sub>	238
V <sub>aw</sub>	159
V <sub>an</sub>	332
V <sub>as</sub>	171

Circulating Flow Computation	
Approach Flow (veh/h)	Vc (veh/h)
V <sub>ce</sub>	199
V <sub>cw</sub>	321
V <sub>cn</sub>	216
V <sub>cs</sub>	176

Capacity Computation					
		EB	WB	NB	SB
Capacity	Upper bound	1185	1076	1169	1206
	Lower bound	979	881	965	999
v/c Ratio	Upper bound	0.20	0.15	0.28	0.14
	Lower bound	0.24	0.18	0.34	0.17

## ROUNDABOUTS - UNSIGNALIZED INTERSECTIONS WORKSHEET

General Information		Site Information			
Analyst	Barzan Aran	Intersection	SR 74 at SR 7		
Agency/Co.	GDOT-Traffic Safety & Design	Jurisdiction	Monroe County		
Date Performed	1/6/06	Analysis Year	2028 (PM)		
Time Period					
Project Description					
Volume Adjustments					
		EB	WB	NB	SB
LT Traffic	Volume, veh/h	15	40	40	25
	PHF	0.90	0.90	0.90	0.90
	Flow rate, veh/h	16	44	44	27
TH Traffic	Volume, veh/h	80	205	120	220
	PHF	0.90	0.90	0.90	0.90
	Flow rate, veh/h	88	227	133	244
RT Traffic	Volume, veh/h	40	20	40	30
	PHF	0.90	0.90	0.90	0.90
	Flow rate, veh/h	44	22	44	33
Approach Flow Computation					
Approach Flow (veh/h)			Va (veh/h)		
V <sub>ae</sub>			148		
V <sub>aw</sub>			293		
V <sub>an</sub>			221		
V <sub>as</sub>			304		
Circulating Flow Computation					
Approach Flow (veh/h)			Vc (veh/h)		
V <sub>ce</sub>			315		
V <sub>cw</sub>			193		
V <sub>cn</sub>			131		
V <sub>cs</sub>			315		
Capacity Computation					
		EB	WB	NB	SB
Capacity	Upper bound	1081	1190	1250	1081
	Lower bound	886	984	1038	886
v/c Ratio	Upper bound	0.14	0.25	0.18	0.28
	Lower bound	0.17	0.30	0.21	0.34

## Concept Team Meeting Minutes

November 1, 2005

**Project:** CSSTP-0007-00(647)  
**P.I. No.:** 0007647, Monroe County  
**SR 7/US 341 @ SR 74**

**Meeting Date:** October 31, 2005

**Participants:** Thomas Howell – District 3 Engineer  
David Millen- District 3 Preconstruction  
Mike England - District 3 Traffic Operations  
Bill Rountree- District 3 Preconstruction  
John Moretto - District 3 Traffic Operations  
Gene McKissick- District 3 Construction  
Glenn A. Williams- District 3 Utilities  
Sue Anne Decker - District 3 Traffic Operations  
Tyler Peek - District 3 Traffic Operations  
Robert O'Rourke- District 3 Right-of-Way  
Kevin VanHouten- District 3-Area 1  
Clayton Moore- District 3-Area 1  
Scott Zehngraff- Office of Traffic Safety and Design  
Derrick Cameron- Office of Traffic Safety and Design  
Barzan Aran- Office of Traffic Safety and Design  
Rob Hall- Southern Rivers Energy  
Jerry Morgan- Public Service Tele  
Jeremy Kenorick- Public Service Tele  
Greg Cromer- Alltel

**Discussion:** Draft Concept Report

Office of Traffic Safety and Design prepared a draft concept report and a concept layout design of a modern roundabout per District's request at the intersection of SR 7 with SR 74 in Monroe County. The purpose of the meeting was to discuss the draft concept layout design and identify possible design concerns. The following issues were discussed:

- Office of Traffic Safety and Design: Discussed the need and purpose of the project and stated that the roundabout should be designed with a 150 ft. inscribed diameter, 20 ft. circulatory lane and a 14 ft. concrete apron for truck turning movements. Installing curb and gutter and sidewalk was recommended to encourage the drivers to reduce speed approaching the intersection. Due to curb and gutter on the approach legs; speed limit should be reduced to 45 mph prior to the intersection.

Concept Team Meeting Minutes  
Project: CSSTP-0007-00(647)  
P.I. No.: 0007647, Monroe County  
SR 7/US 341 @ SR 74

- District Three: District Engineer wanted to make sure that truck turning is accommodated at this intersection. The Office of Traffic Safety and Design verified that a WB-50 and WB-67 trucks can maneuver the roundabout without conflicts.
- Currently right- in/right-out driveways are shown for the Chevron Gas Station located on the southwestern quadrant; District Engineer wanted to provide full access to the Gas Station. It was recommended to keep the current design and change the driveways configuration to provide full access per right-of-way negotiations.
- Sight distances are adequate and the existing profile will not be changed.
- District Traffic Operations has already changed this intersection to a four-way stop intersection.
- District Utilities: To avoid conflicts with utilities it is recommended that the existing drainage ditches be utilized.
- GDOT will request the locals to supply power for the lighting and to maintain landscaping at the roundabout.
- Environment: A copy of the draft concept report will be sent to the District Environmentalist to verify that the level of environmental analysis is Categorical Exclusion.
- District Three Engineer, District Preconstruction Engineer, and District Traffic Operations Manager have volunteered to design this project.

Subsequent to the meeting, the Office of Traffic Safety and Design will request ballpark cost estimates for both utility adjustments and acquiring additional right-of-way to complete the concept report.

If you have any comments or questions, please contact Barzan Aran at (404) 635-8152.

DC:BA

Cc: File  
Participants

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ESTIMATED REQUIRED RIGHT OF WAY	
AREA #1	= 908.27 SF
AREA #2	= 1031.23 SF
AREA #3	= 970.10 SF
AREA #4	= 974.00 SF

SR 74 @ SR 7  
 MONROE COUNTY

