

D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE STP-0001-00(339) Crawford-Lamar Counties **OFFICE** Preconstruction
P. I. No. 0001339

DATE October 25, 2002

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:

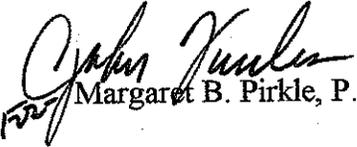
David Mulling
Harvey Keepler
Jerry Hobbs
Herman Griffin
Michael Henry
Phillip Allen
Marta Rosen
Paul Liles
Ben Buchan
Thomas Howell
BOARD MEMBER

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE: STP-0001-00(339) Crawford-Lamar Counties **OFFICE** Preconstruction
P.I. No. 0001339

DATE October 2, 2002

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

TO Frank L. Danchetz, P.E., Chief Engineer

SUBJECT PROJECT CONCEPT REPORT

This project is the construction of passing lanes along a 6.39 miles stretch of SR 7/US 341 between Fort Valley and Barnesville in Crawford and Lamar Counties. The proposed passing lanes are as follows:

Site 1	MP 4.6 to MP 6.0	Crawford	Northbound
Site 2	MP 8.1 to MP 9.7	Crawford	Southbound
Site 3	MP 19.0 to MP 20.8	Crawford	Southbound
Site 4	MP 0.7 to MP 2.7	Lamar	Northbound
Site 5	MP 3.5 to MP 4.3	Lamar	Southbound

State Route 7 between Fort Valley and Barnesville has rolling terrain with passing prohibited along long segments of the route. The percent "No Passing" along this route is approximately 75% in both directions. The lack of passing along this route creates vehicle delays experienced by platoons traveling behind slower trucks. This project will provide safe passing northbound (Sites 1 and 4) and southbound (Sites 2, 3, and 5) in a relatively high volume area and improve the functional capacity and safety of the route.

The existing roadway consists of a two lane rural roadway with 15% truck traffic and a posted speed limit of 55 MPH. The base year traffic (2008) varies from 2,500-4,000 VPD and the design year traffic (2028) varies from 3,500-5,250 VPD.

The proposed construction will provide three, 12' lanes with 10' rural shoulders (2' paved) at each site. The proposed right-of-way will vary from 140' to 260'. Traffic will be maintained during construction.

Frank L. Danchetz

Page 2

STP-0001-00(339) Crawford-Lamar

October 2, 2002

Environmental concerns include requiring a Categorical Exclusion be prepared; a public hearing is not required; time saving procedures are appropriate.

The estimated costs for this project are:

	<u>PROPOSED</u>	<u>APPROVED</u>	<u>PROG DATE</u>	<u>LET DATE</u>
Construction (includes E&C and inflation)	\$9,388,000	\$13,000,000	LR	LR
Right-of-Way	\$3,762,000	\$3,000,000		
Utilities	\$ 105,000			

I recommend this project concept be approved and the description be revised to reflect the project described herein.

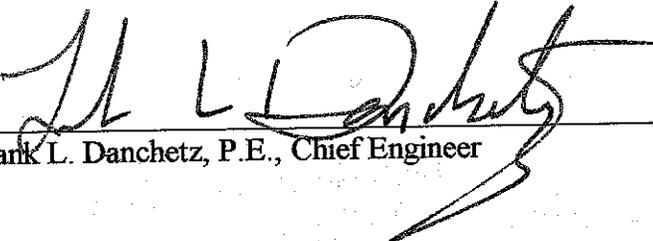
MBP:JDQ/cj

Attachment

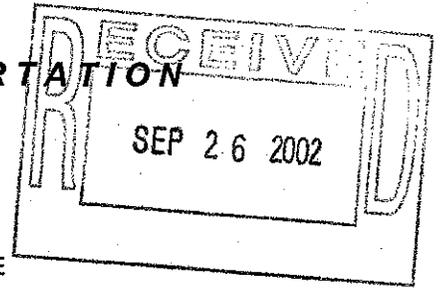
CONCUR


Thomas L. Turner, P.E., Director of Preconstruction

APPROVE


Frank L. Danchetz, P.E., Chief Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA



INTERDEPARTMENT CORRESPONDENCE

FILE STP-0001-00(339) Crawford/Lamar **OFFICE** Atlanta, Georgia
P.I. NO.: 0001339

DATE September 26, 2002

FROM David T. Mulling, Project Review Engineer *DTM*

TO Meg Pirkle, Assistant Director of Preconstruction

SUBJECT CONCEPT REPORT

We have reviewed the Concept Report submitted September 17, 2002 by the letter from Thomas B. Howell dated September 13, 2002, and have no comments:

The costs for the project are:

Construction	\$7,112,073
Inflation	\$1,422,415*
E&C	\$853,449*
Reimbursable Utilities	\$104,655
Right of Way	\$3,761,700

* Inflation capped at 20%. E&C based on Construction Costs plus Inflation.

DTM/REW

c: Thomas B. Howell, Attn.: Bill Rountree

SCORING RESULTS AS PER MOG 2440-2

Project Number: STP-0001-00(339)		County: Crawford/Lamar		PI No.: 0001339		
Report Date: 9/13/02		Concept By: DOT Office: District 3				
<input checked="" type="checkbox"/> Concept Stage		Consultant: Arcadis				
Project Type: Choose One From Each Column		<input type="checkbox"/> Major <input checked="" type="checkbox"/> Minor	<input type="checkbox"/> Urban <input checked="" type="checkbox"/> Rural	<input type="checkbox"/> ATMS <input type="checkbox"/> Bridge Replacement <input type="checkbox"/> Building <input type="checkbox"/> Interchange Reconstruction <input type="checkbox"/> Intersection Improvement <input type="checkbox"/> Interstate <input type="checkbox"/> New Location <input checked="" type="checkbox"/> Widening & Reconstruction <input type="checkbox"/> Miscellaneous		
FOCUS AREAS	SCORE	RESULTS				
Presentation	100					
Judgement	100					
Environmental	100					
Right of Way	100					
Utility	100					
Constructability	100					
Schedule	100					

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE STP-0001-00(339), Crawford/Lamar OFFICE Thomaston
P.I.No. 0001339
State Route 7 Passing Lanes
DATE September 13, 2002

FROM ^{AJR} ~~FOR~~ Thomas B. Howell, P.E., District Engineer

TO Meg Pirkle, P.E., Assistant Director of Preconstruction

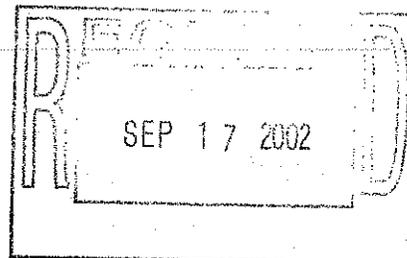
SUBJECT **PROJECT CONCEPT REPORT**

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

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

WJR:AJR

Cc: David Mulling, Project Review Engineer
Harvey Keeper, State Environmental/Location Engineer
Phillip Allen, State Traffic Safety and Design Engineer
Marta Rosen, State Transportation Planning Administrator
Herman Griffin, Office of Financial Management Administrator
David Millen, District Preconstruction Engineer
Lamar Pruitt, District Construction Engineer
Keith Rohling, District Traffic Operations Engineer
Ken Robinson, District Maintenance Engineer
Debra Benton, District Environmentalist
Tommy Cleveland, District Location Engineer
Ethel White, District Scheduling Technician



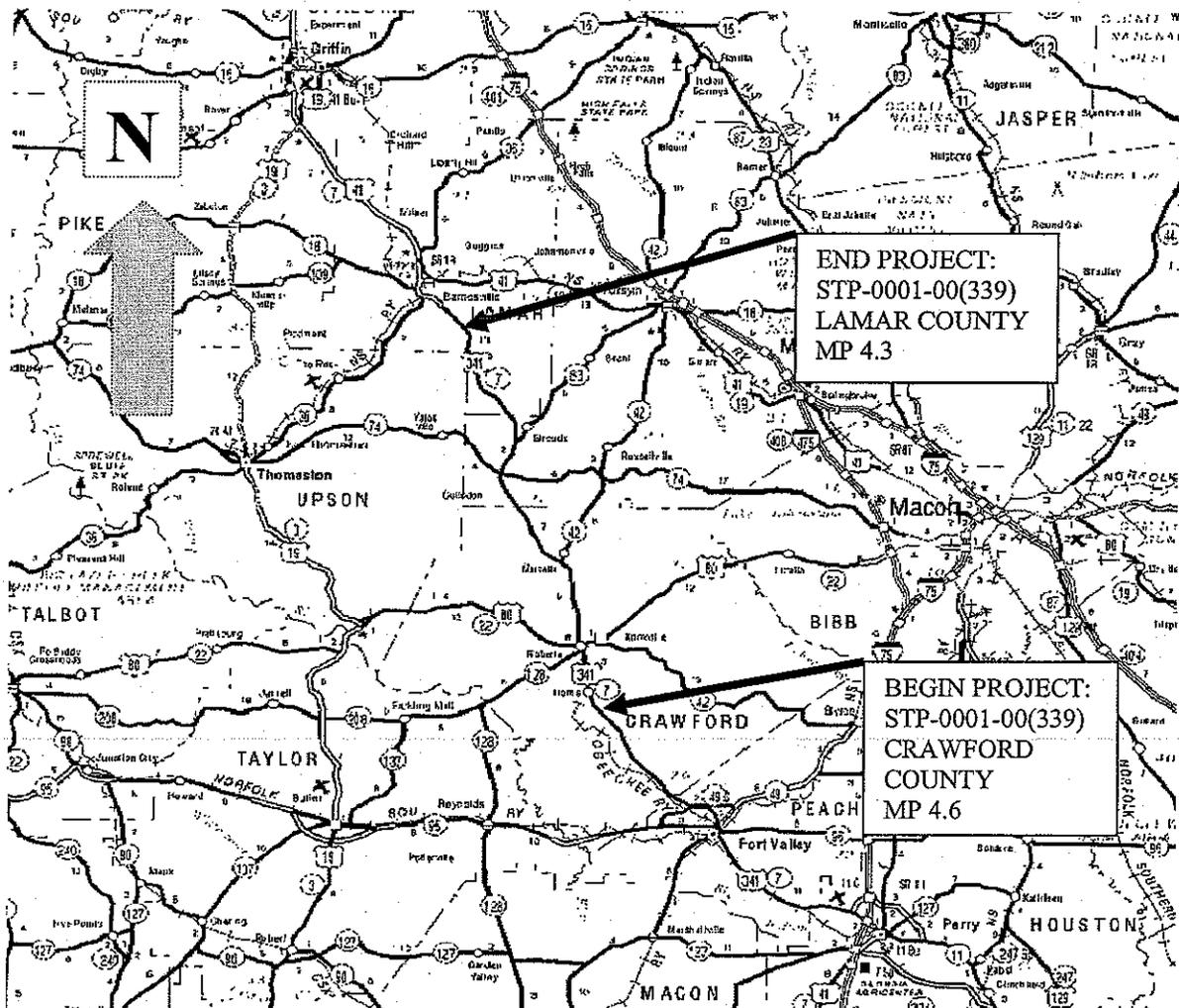
DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
OFFICE OF DISTRICT THREE DESIGN
PROJECT CONCEPT REPORT

Prepared by: ARCADIS

State Route 7 Passing Lanes
Project Number: STP-0001-00(339)
Counties: Crawford and Lamar
P. I. Number: 0001339

Federal Route Number: U.S. 341
State Route Number: S.R. 7

Regional Map

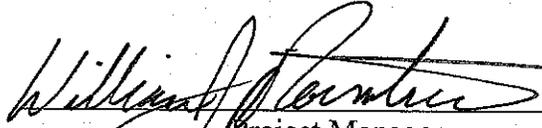
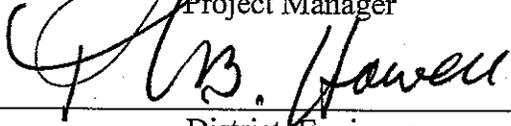


Project Concept Report Page 2
Project Number: STP-0001-00(339)
P.I. Number 0001339
Counties: Crawford and Lamar
Prepared by: ARCADIS

Recommendation for approval:

DATE 9/10/02

DATE 9/10/02


Project Manager

District Engineer

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

DATE _____

State Transportation Planning Administrator

DATE _____

State Transportation Programming Engineer

DATE _____

State Environmental/Location Engineer

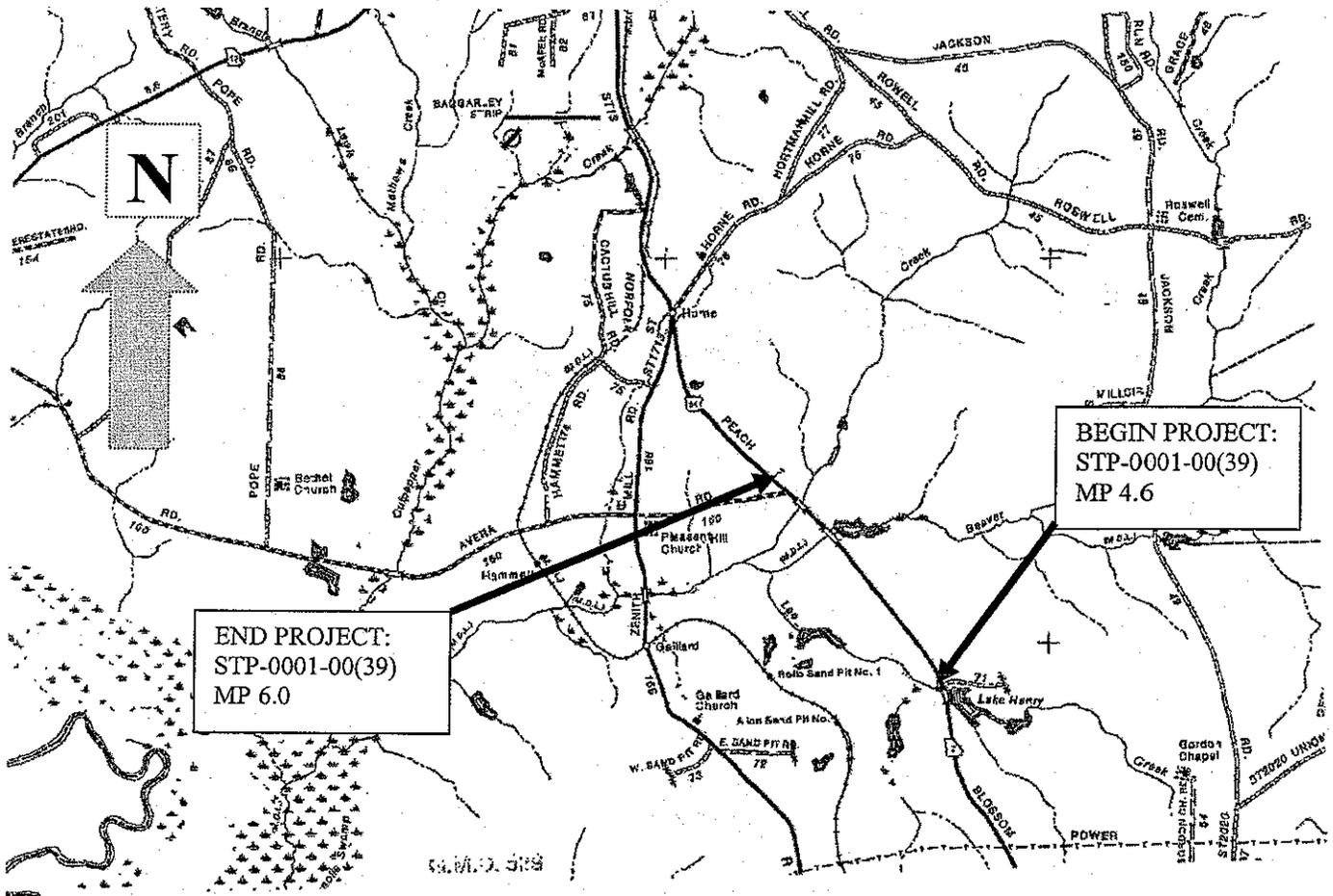
DATE _____

State Traffic Safety Design Engineer

DATE _____

Project Review Engineer

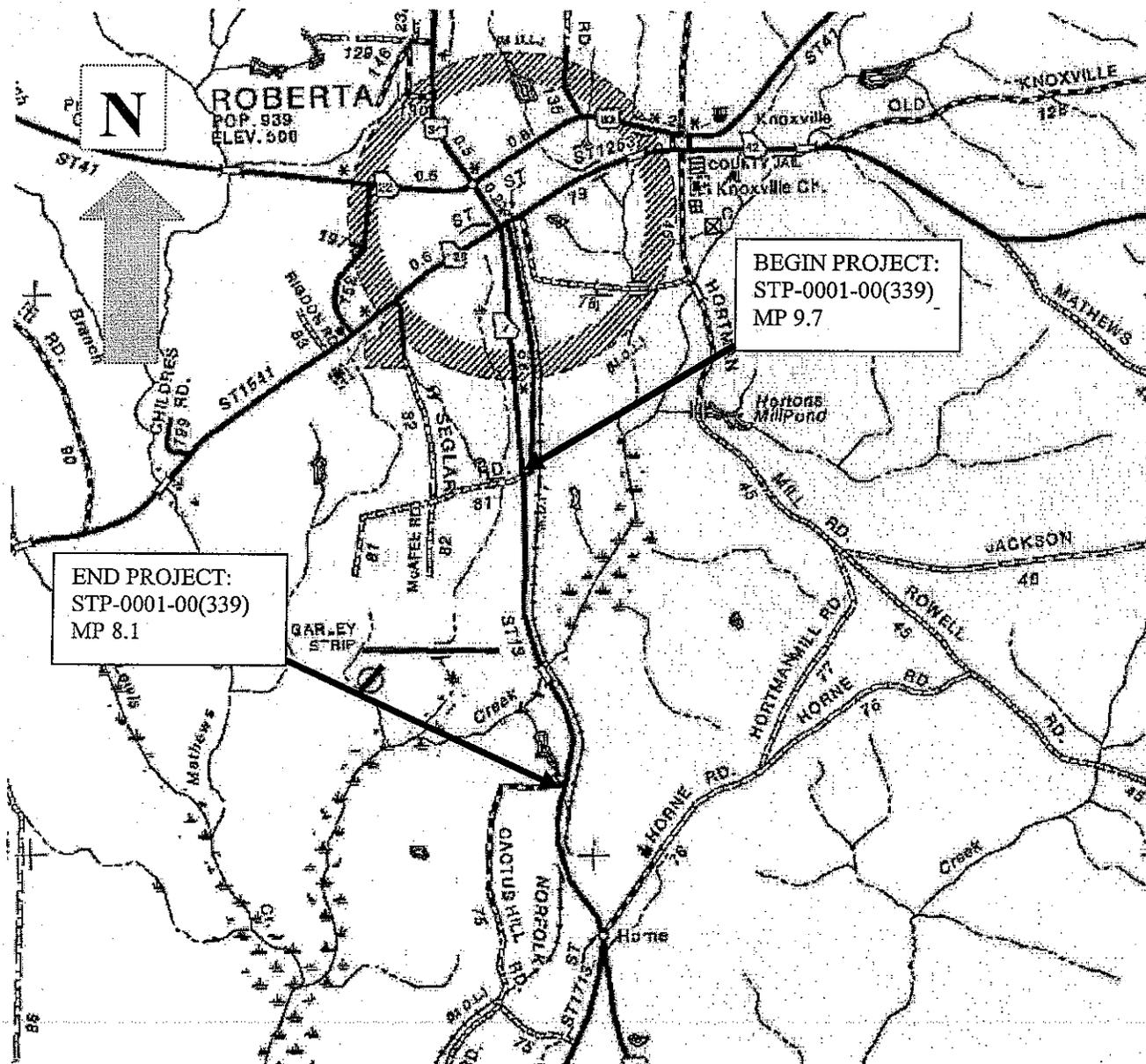
Project Location Map – Site 1



Scale: NOT TO SCALE

Project: STP-0001-00(339) Crawford County PI No.: 0001339
Description: S.R. 7/U.S. 341 Passing Lanes Project

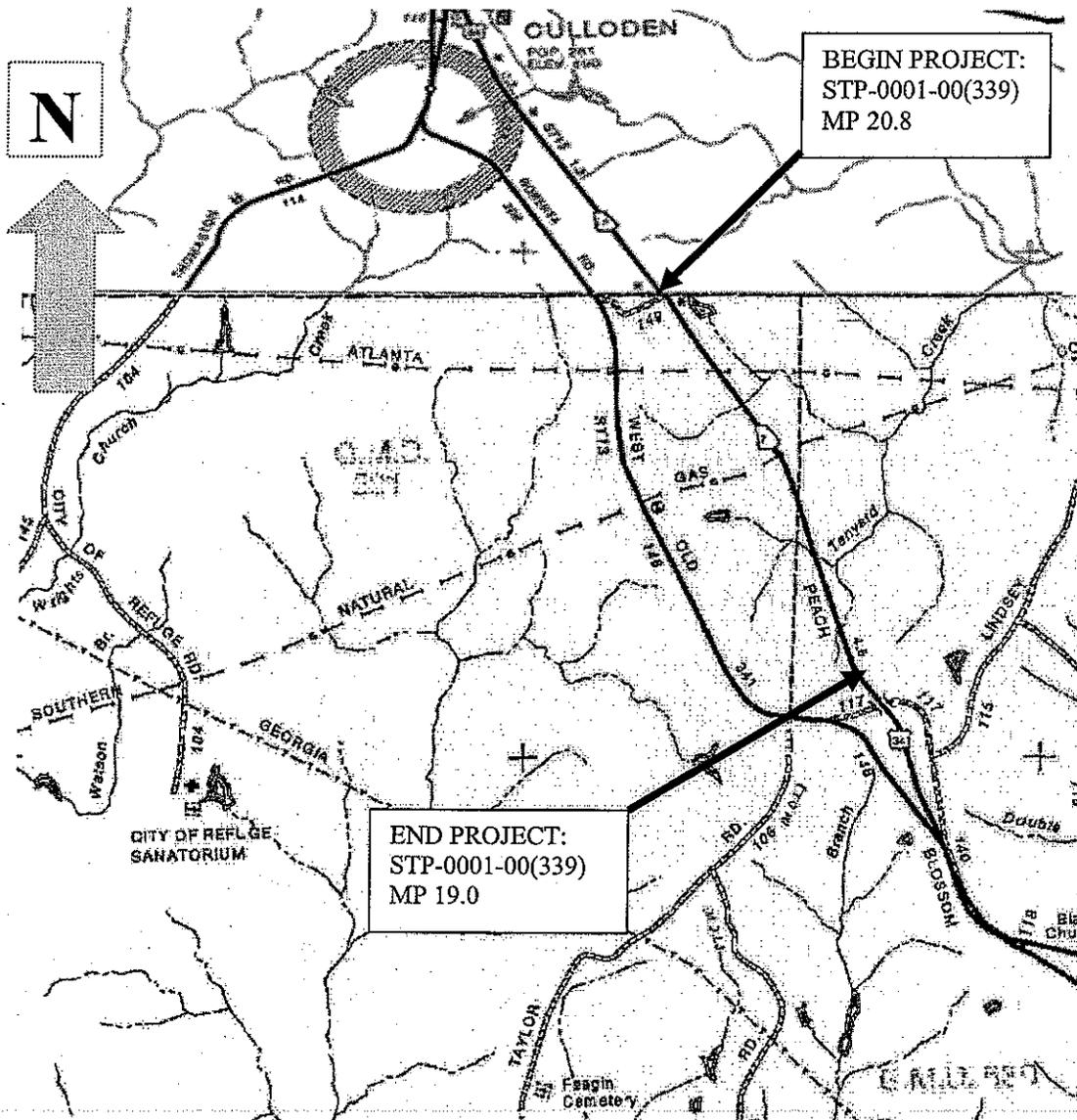
Project Location Map – Site 2



Scale: NOT TO SCALE

Project: STP-0001-00(339) Crawford County PI No.: 0001339
Description: S.R. 7/U.S. 341 Passing Lanes Project

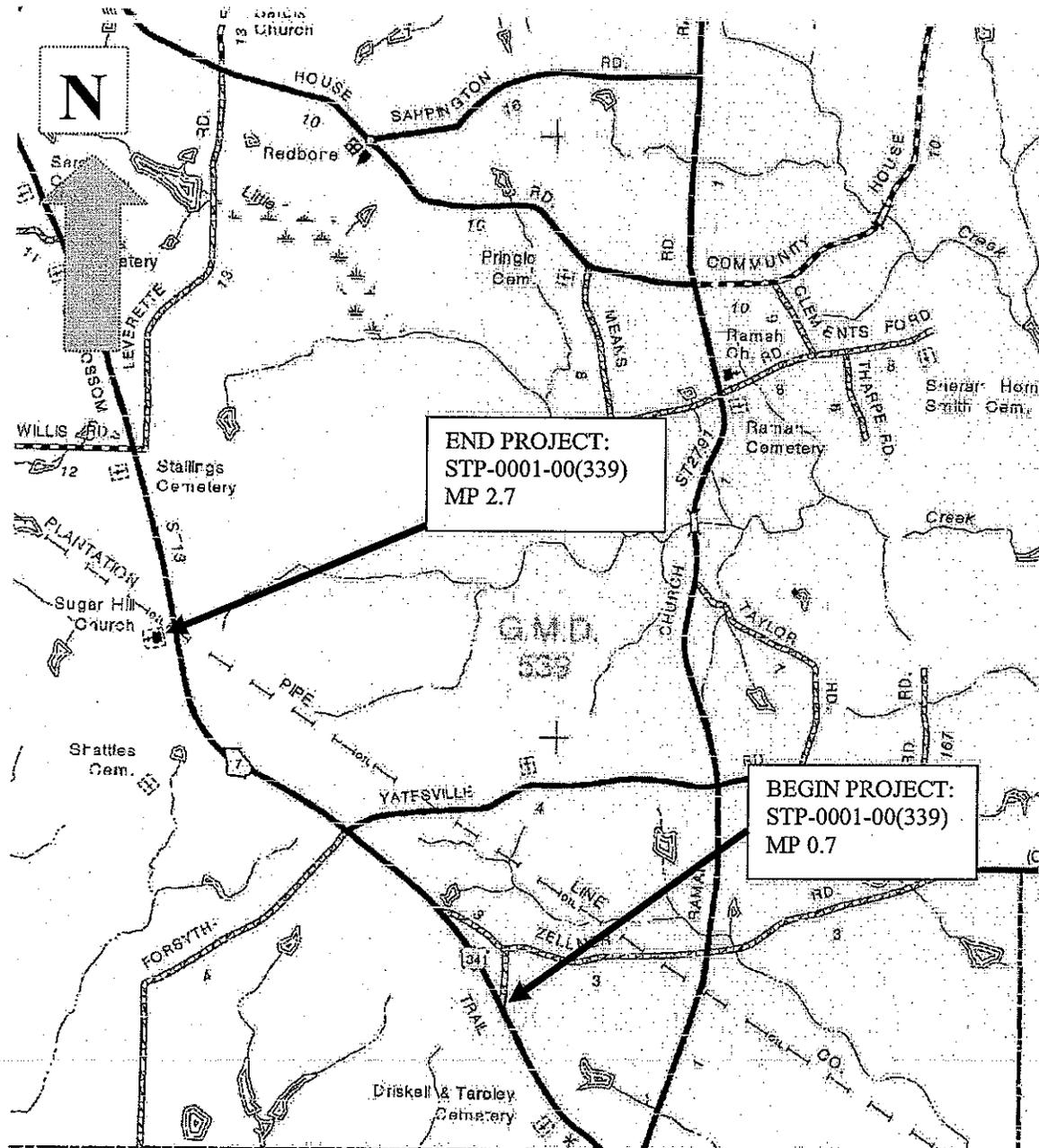
Project Location Map – Site 3



Scale: **NOT TO SCALE**

Project: STP-0001-00(339) Crawford County PI No.: 0001339
Description: S.R. 7/U.S. 341 Passing Lanes Project

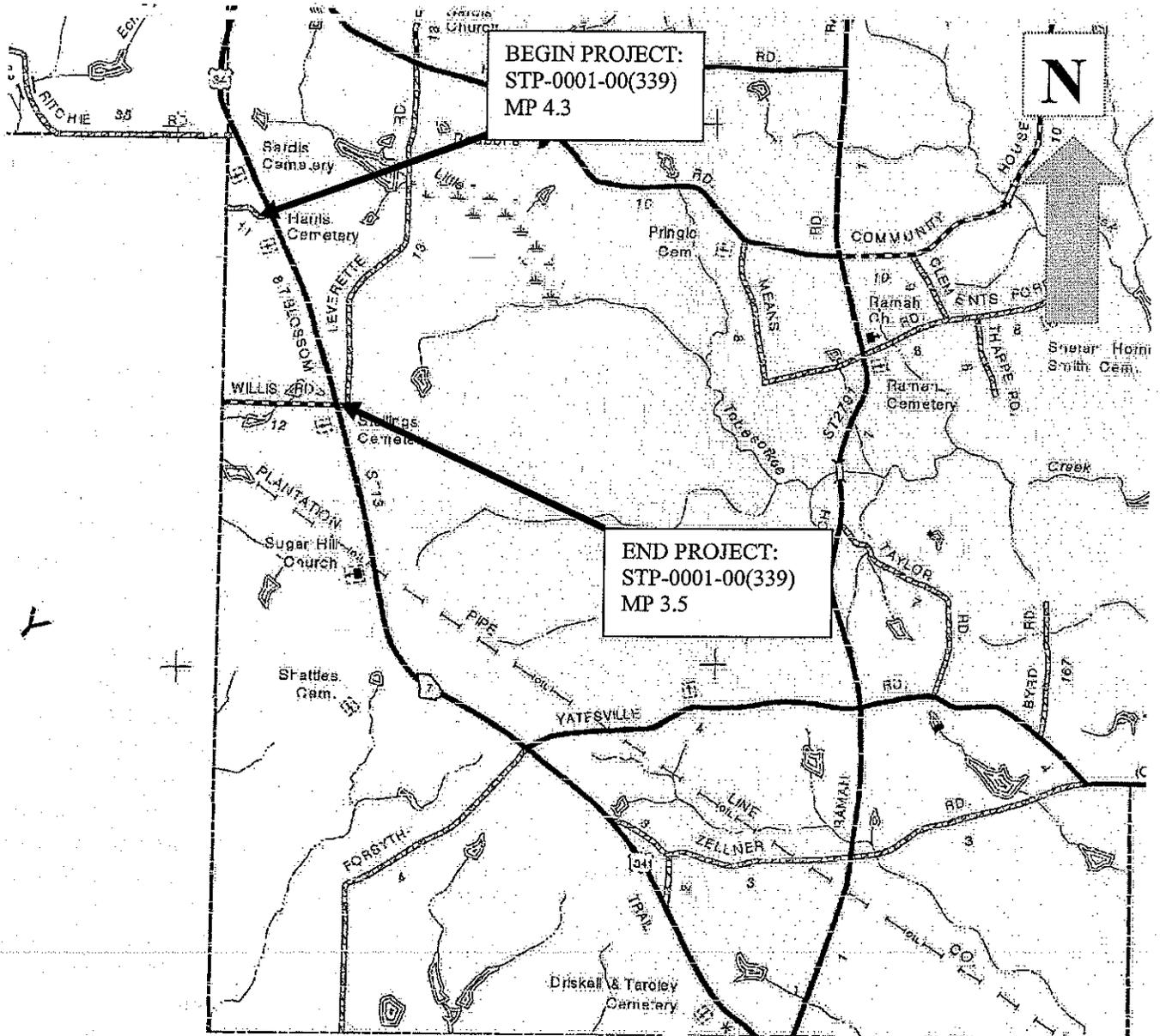
Project Location Map – Site 4



Scale: **NOT TO SCALE**

Project: STP-0001-00(339) Lamar County PI No.: 0001339
Description: S.R. 7/U.S. 341 Passing Lanes Project

Project Location Map – Site 5



Scale: **NOT TO SCALE**

Project: STP-0001-00(339) Lamar County PI No.: 0001339
Description: S.R. 7/U.S. 341 Passing Lanes Project

Need and Purpose: The proposed project would construct five passing lane sections along a 6.39-mile stretch of SR 7/US 341 beginning at CR 71/Lake Henry Road in Crawford County and ending just south of CR 38/Ritchie Road in Lamar County. Site 1 will be a northbound passing lane beginning at CR 71/Lake Henry Road and ending at Spring Hill Road. Site 2 will be a southbound passing lane beginning just south of CR 75/Cactus Hill Road and ending at just north of Seigler Road. Site 3 will be a southbound passing lane beginning just north of CR 117 and ending just north of CR 149 just north of the Crawford/Monroe County line. The last two sites are in Lamar County. Site 4 will be a northbound passing lane beginning at CR 2 to just north of the Plantation Pipeline. Site 5 will be a southbound passing lane beginning at Willis Road and ending at CR 11/Mica Road. The construction of these passing lanes will increase the operational capacity along the project corridor and reduce congestion caused by traffic queuing behind slower moving vehicles. The proposed project will reduce traffic congestion by providing more passing opportunities and will improve the operational characteristics of the existing roadway thereby creating a safer driving environment for the traveling public. The project would also add turn lanes along the corridor.

Accident data for the latest three years (1995, 1996, and 1997) reveal that accident rates on SR 7/US 341 for all of the project sites do not exceed the statewide average for accidents for a Rural Minor Arterial. The traffic volumes along this section of SR 7/ US 341 have mostly increased or stayed the same over the past few years. The 1999 Level-of-Service (LOS) for these sections of SR 7/US 341 is LOS C indicating that there is a stable traffic flow at or near free flow speed but freedom to maneuver within the traffic stream is noticeably restricted and passing requires more care and attention when attempting to maneuver in the traffic stream. The 2019 traffic would maintain a Level-of-Service (LOS) C after the passing lanes are constructed.

State Route 7/ US 341 connects Roberta, Crawford County, Culloden, Monroe County and Barnesville, Lamar County. Existing land use is primarily wooded and rural in nature, with limited residential parcels directly along the route. The Central Georgia Technical College is located along the project corridor. Also, the Crawford County Board of Education will be locating a school complex along the project corridor. This corridor is presently a school bus route. This state route is not included as one of the bike routes in Georgia. The truck traffic along this route is 15 percent. State Route 7/US 341 along these sections does not provide optimal passing opportunities, which causes vehicles to platoon. Presently, there are limited passing opportunities along this route due to vertical and horizontal clearance, which produces limited sight distance. The percent "no passing" along this route is approximately 75 percent in both directions. The lack of passing along this route creates vehicle delays experienced by platoons traveling behind slower trucks. This project will improve the operational safety and the passing percent opportunities along this route to a more acceptable level and in turn it will break up the platoons and reduce vehicle delays.

Description of the proposed project: As indicated above, five (5) passing lane site segments are proposed for construction in Crawford County and Lamar County, Georgia. The cumulative improvement length of the five sites is approximately 7.6 miles. Individually, they are described as follows:

Site 1 – Crawford County (MP 4.6 to MP 6.0)

Site 1 roadway segment improvements shall consist of construction of an onside, northbound passing lane, milling & resurfacing the last 200' of the site termini to facilitate asphalt lift feathering, and construction of 10' wide shoulders (2' paved) only on the onside shoulder throughout the site corridor. Also, a right turn lane shall be provided at Sand Pit Drive.

Site 2 – Crawford County (MP 8.1 to MP 9.7)

Site 2 roadway segment improvements shall consist of construction of an offside, southbound passing lane, milling & resurfacing the last 200' of the site termini to facilitate asphalt lift feathering, and construction of 10' wide shoulders (2' paved) only on the onside shoulder throughout the site corridor. Right and left turn lanes shall be provided at Cactus Hill Road. Widening for these turn lanes shall occur on the west side of SR 7. In addition, right turn lanes shall be provided at Seigler Road. Also, a more defined driveway shall be constructed for the business, located on the west side of U.S. 341, at the north end of this site corridor.

Site 3 – Crawford County (MP 19.0 to MP 20.8)

Site 3 roadway segment improvements shall consist of construction of an onside, southbound passing lane, milling & resurfacing the last 200' of the site termini to facilitate asphalt lift feathering, and construction of 10' wide shoulders (2' paved) throughout the corridor. No additional roadway improvements are anticipated for this site.

Site 4 – Lamar County (MP 0.7 to MP 2.7)

Site 4 roadway segment improvements shall consist of construction of an onside, northbound passing lane, milling & resurfacing the last 200' of the site termini to facilitate asphalt lift feathering, and construction of 10' wide shoulders (2' paved) throughout the corridor. Also, a northbound right-turn lane shall be provided at Yatesville Road.

Site 5 – Lamar County (MP 3.5 to MP 4.3)

Site 5 roadway segment improvements shall consist of construction of an offside, southbound passing lane, milling & resurfacing the last 200' of the site termini to facilitate asphalt lift feathering, and construction of 10' wide shoulders (2' paved) throughout the corridor. Also, a right-turn lane shall be provided at Willis Road.

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

PDP Classification: Major (), Minor (X)

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

Functional Classification: Rural Minor Arterial _____

U. S. Route Number(s): 341 _____

State Route Number(s): 7 _____

Traffic (AADT):

SITE 1

Current Year: (2008) 3250

Design Year: (2028) 4500

K=10%

D=60%

T=15%

24HR T = 20%

SITE 2

Current Year: (2008) 4000

Design Year: (2028) 5500

K=10%

D=60%

T=15%

24HR T = 20%

SITE 3

Current Year: (2008) 2500

Design Year: (2028) 3500

K=10%

D=60%

T=20%

24HR T = 25%

SITE 4

Current Year: (2008) 3000

Design Year: (2028) 4500

K=10%

D=60%

T=20%

24HR T = 25%

SITE 5

Current Year: (2008) 3500

Design Year: (2028) 5250

K=10%

D=60%

T=20%

24HR T = 25%

- Proposed Maximum grade Side Street NA % Maximum grade allowable: 6 %
- Proposed Maximum grade driveway Match Existing %
- Proposed Maximum degree of curve: Site 1 - 3° Maximum degree allowable: 6 %
Site 2 - 3°
Site 3 - 2°
Site 4 - 2°55'
Site 5 - 1°
- Right of way
 - Width Varies for all sites (140' to 260' total R/W).
 - Easements: Temporary (X), Permanent (), Utility (), Other ().
 - Type of access control: Full (), Partial (), By Permit (X), Other ().
 - Number of parcels: 51 Number of displacements:
 - Business: 3.
 - Residences: 5.
 - Mobile homes: None
 - Other: None
- Structures:
 - Bridges: None
 - Retaining walls: Possible in select locations.
- Major intersections:
 - Site 1 – Lake Henry Rd., East Sand Pit Rd.
 - Site 2 – Cactus Hill Rd., Seagler Rd.
 - Site 3 – None
 - Site 4 – Forsyth-Yatesville Rd., Zellner Rd.
 - Site 5 – Willis Rd., Leverette Rd.
- Traffic control during construction: Traffic control will maintain two-lane, two-way traffic utilizing minimum lane widths in conjunction with applicable work-zone signs, barriers, and barricades to facilitate construction of the passing lanes, shoulders, and milling and resurfacing operations, and other roadway improvements.
- 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)

None of the above design criteria, indicated as "NO", will require a design exception, based on field review information and proposed improvements. Two of the above design criteria could not be determined to be in violation of, or in accordance with, GDOT design standards due to lack of topographic survey information and lack of original construction plans. It is recommended that these criteria be reviewed during design to determine if a design exception is warranted.

- Design Variances; It is anticipated that no design variances will be required for design criteria which do not require a design exception. Other design criteria items not listed above may require a design variance. It is recommended that all design criteria be reviewed during design to determine if a design variance is warranted.
- Environmental concerns: To be provided by GDOT Environmental.
- Level of environmental analysis:
 - Are Time Savings Procedures appropriate? Yes (X) No (),
 - Categorical exclusion (X)
 - Environmental Assessment/Finding of No Significant Impact (FONSI) (), or Environmental Impact Statement (EIS) ()
- Utility involvements: To be determined by GDOT utility office.

Project responsibilities:

- Design, Undetermined
- Right of Way Acquisition, GDOT
- Relocation of Utilities, No LGPA sent
- Letting to contract, GDOT
- Supervision of construction, GDOT
- Providing material pits, Contractor
- Providing detours. None required

Coordination

- Initial Concept Meeting date and brief summary - September 19, 2001 (Minutes attached)
- Concept meeting date and brief summary - January 10, 2002 (Minutes attached)
- P. A. R. meetings, dates and results - None required.
- FEMA, USCG, and/or TVA - Not applicable
- Public involvement - None required.
- Local government comments - Lamar County in favor of project.
- Other projects in the area - To be verified with GDOT

Scheduling – Responsible Parties' Estimate

- Time to complete the environmental process: 6 Months.
- Time to complete preliminary construction plans: 6 Months.
- Time to complete right of way plans: 2 Months.
- Time to complete the Section 404 Permit: 6 Months.
- Time to complete final construction plans: 4 Months.
- Time to complete to purchase right of way: 12 Months.
- List other major items that will affect the project schedule: 0 Months.

Other alternates considered:

- No Build
- Widen all to onsite
- Widen all to offside

Comments:

1. Local municipalities, including Lamar County, have requested that select sections of the paved shoulder be constructed of a wider width to accommodate the weighing of large truck traffic. They have indicated that many large trucks are currently using segments of US 341 to avoid weigh stations on alternate more direct routes.
2. The design concept approach described in this report is based on Georgia Department of Transportation field review comments dated September 19, 2001, and Concept Meeting Minutes dated January 10, 2002. Both sets of minutes are attached at the conclusion of this report.

Attachments:

1. Cost Estimates:
 - a. Construction including E&C,
 - b. Right of Way - Provided by GDOT
 - c. Utilities - Provided by GDOT
2. Sketch location map - (See Report)
3. Typical sections
4. Accident summaries - Accident rate information from GDOT
5. Capacity analysis – Provided by GDOT.
6. Minutes of Initial Concept and Concept meetings: January 10, 2002
7. LGPA's or PMA's – An LGPA has not been sent.
8. Location and Design Notice (On Minor Projects) – Provided by GDOT.
9. Conforming plan's network schematics showing thru lanes - N/A

PRELIMINARY COST ESTIMATE (SITE 1)

PREPARED BY: ARCADIS

PROJECT LENGTH: 1.4 MILES

ESTIMATED LETTING DATE:

PROGRAMMING PROCESS CONCEPT DEVELOPMENT DURING PROJECT DEV.

PROJECT COST - STP-0001(339) SITE 1	
A. RIGHT-OF-WAY:	
1. PROPERTY (LAND & EASEMENT)	
Residential/Agricultural (11.89 acres @ \$5,000/acres)	\$59,450
2. DISPLACEMENTS; RES: 1, BUS: 0, M.H.: 0	
	\$20,000
3. IMPROVEMENTS (2 residential, misc. site improvements)	
	\$205,000
4. OTHER COST (DAMAGES, ADM. / COURT, INFL., ETC.)	
	\$703,250
SUBTOTAL: A	\$987,700
B. UTILITIES: (SEE GRAND TOTAL PAGE FOR UTIL COST)	
1. TRANSMISSION LINES	
	\$0
2. DISTRIBUTION LINES	
	\$0
3. OTHER UTILITIES	
	\$0
SUBTOTAL: B	\$0
C. CONSTRUCTION:	
1. MAJOR STRUCTURES:	
None	\$0
SUBTOTAL: C-1	\$0
2. GRADING AND DRAINAGE:	
a. EARTHWORK (30,000 CY/mi. x 1.4 mi. x \$3/CY)	
	\$126,000

b. DRAINAGE	\$125,000
SUBTOTAL: C-2	\$251,000
3. BASE AND PAVING:	
a. 10" GR AGGR BASE CRS - (\$24 / TN)	\$179,678
b. ASPHALT PAVING:	
1. Superpave Base Course - 25mm, 4" depth (\$40/ton)	\$142,120
2. Superpave Intermed Course - 19mm, 2" depth (\$40 / ton)	\$68,966
3. Superpave Surface Course - 9.5mm, 1.5" depth (\$40 / ton)	\$115,193
SUBTOTAL: C-3.b	\$326,279
d. Milling, Asph Conc, Variable Depth (\$5 / SY)	\$6,000
SUBTOTAL: C-3	\$511,957
4. LUMP ITEMS:	
a. TRAFFIC CONTROL	\$100,000
b. CLEARING AND GRUBBING	\$100,000
c. GRASSING	\$15,000
d. EROSION CONTROL	\$50,000
SUBTOTAL: C-4	\$265,000
5. MISCELLANEOUS:	
a. SIGNING & STRIPING	\$125,000
b. FIELD OFFICE	\$40,000
c. GUARDRAIL	\$10,500
SUBTOTAL: C-5	\$175,500
6. SPECIAL FEATURES :	

Project Concept Report Page 18
Project Number: STP-0001-00(339)
P.I. Number 0001339
Counties: Crawford and Lamar
Prepared by: ARCADIS

None	\$0
	SUBTOTAL: C-6 \$0

ESTIMATE SUMMARY	
A. RIGHT-OF-WAY:	\$987,700
B. REIMBURSABLE UTILITIES: (see GRAND TOTAL page for util costs)	\$0
C. CONSTRUCTION:	
1. MAJOR STRUCTURES	\$0
2. GRADING AND DRAINAGE	\$251,000
3. BASE AND PAVING	\$511,957
4. LUMP ITEMS	\$265,000
5. MISCELLANEOUS	\$175,500
6. SPECIAL FEATURES	\$0
SUBTOTAL CONSTRUCTION COST	\$1,203,457
E. & C. (10%)	\$120,346
INFLATION (5% PER YEAR)	\$285,288
NUMBER OF YEARS: 4	
TOTAL CONSTRUCTION COST (SITE 1)	\$1,609,090
TOTAL SITE 1 COST	\$2,596,790

PRELIMINARY COST ESTIMATE (SITE 2)

PREPARED BY: ARCADIS

PROJECT LENGTH: 1.6 MILES

ESTIMATED LETTING DATE:

PROGRAMMING PROCESS CONCEPT DEVELOPMENT DURING PROJECT D

PROJECT COST - STP-0001(339) SITE 2	
A. RIGHT-OF-WAY:	
1. PROPERTY (LAND & EASEMENT)	
Residential/Agricultural (5.92 acres @ \$5,000/acre)	\$29,600
Commercial (1.00 acre @ \$70,000/acre)	\$70,000
2. DISPLACEMENTS; RES: 2, BUS: 1, M.H.: 0	
	\$65,000
3. IMPROVEMENTS (2 Residential, 1 Commercial, misc. site improvements)	
	\$335,000
3. OTHER COST (DAMAGES, ADM. / COURT, INFL., ETC.)	
	\$1,235,100
SUBTOTAL: A	\$1,734,700
B. UTILITIES: (SEE GRAND TOTAL PAGE FOR UTIL COST)	
1. TRANSMISSION LINES	
	\$0
2. DISTRIBUTION LINES	
	\$0
3. OTHER UTILITIES	
	\$0
SUBTOTAL: B	\$0
C. CONSTRUCTION:	
1. MAJOR STRUCTURES:	
4 x 6 Conc. Box Culvert (30' @ 500'/LF)	\$15,000
SUBTOTAL: C-1	\$15,000
2. GRADING AND DRAINAGE:	

a. EARTHWORK (30,000 CY/mi. x 1.6 mi. x \$3/CY)	\$150,000
b. DRAINAGE	\$160,000
SUBTOTAL: C-2	\$310,000
3. BASE AND PAVING:	
a. 10" GR AGGR BASE CRS - (\$24 / TN)	\$243,144
b. ASPHALT PAVING:	
1. Superpave Base Course - 25mm, 4" depth (\$40/ton)	\$192,960
2. Superpave Intermed Course - 19mm, 2" depth (\$40 / ton)	\$93,840
3. Superpave Surface Course - 9.5mm, 1.5" depth (\$40 / ton)	\$146,400
SUBTOTAL: C-3.b	\$433,200
c. Milling, Asph Conc, Variable Depth (\$5 / SY)	\$6,000
SUBTOTAL: C-3	\$682,344
4. LUMP ITEMS:	
a. TRAFFIC CONTROL	\$120,000
b. CLEARING AND GRUBBING	\$100,000
c. GRASSING	\$15,000
d. EROSION CONTROL	\$50,000
SUBTOTAL: C-4	\$285,000
5. MISCELLANEOUS:	
a. SIGNING & STRIPING	\$160,000
b. FIELD OFFICE	\$40,000
c. GUARDRAIL	\$53,550
SUBTOTAL: C-5	\$253,550

Project Concept Report Page 22
Project Number: STP-0001-00(339)
P.I. Number 0001339
Counties: Crawford and Lamar
Prepared by: ARCADIS

6. SPECIAL FEATURES :	
None	\$0
SUBTOTAL: C-6	\$0

ESTIMATE SUMMARY	
A. RIGHT-OF-WAY:	\$1,734,700
B. REIMBURSABLE UTILITIES: (see GRAND TOTAL page for util costs)	\$0
C. CONSTRUCTION:	
1. MAJOR STRUCTURES	\$15,000
2. GRADING AND DRAINAGE	\$310,000
3. BASE AND PAVING	\$682,344
4. LUMP ITEMS	\$285,000
5. MISCELLANEOUS	\$253,550
6. SPECIAL FEATURES	\$0
SUBTOTAL CONSTRUCTION COST	\$1,545,894
E. & C. (10%)	\$154,589
INFLATION (5% PER YEAR)	\$366,465
NUMBER OF YEARS: 4	
TOTAL CONSTRUCTION COST (SITE 2)	\$2,066,948
TOTAL SITE 2 COST	\$3,801,648

PRELIMINARY COST ESTIMATE (SITE 3)

PREPARED BY: ARCADIS

PROJECT LENGTH: 1.8 MILES

ESTIMATED LETTING DATE:

PROGRAMMING PROCESS CONCEPT DEVELOPMENT DURING PROJECT D

PROJECT COST - STP-0001(339) SITE 3	
A. RIGHT-OF-WAY:	
1. PROPERTY (LAND & EASEMENT)	\$0
Residential/Agricultural (1.96 acres @ \$5,000/acre)	\$9,800
2. DISPLACEMENTS; RES: 0, BUS: 0, M.H.: 0	\$0
3. OTHER COST (DAMAGES, ADM. / COURT, INFL., ETC.)	\$24,300
SUBTOTAL: A	\$34,100
B. UTILITIES: (SEE GRAND TOTAL PAGE FOR UTIL COST)	
1. TRANSMISSION LINES	\$0
2. DISTRIBUTION LINES	\$0
3. OTHER UTILITIES	\$0
SUBTOTAL: B	\$0
C. CONSTRUCTION:	
1. MAJOR STRUCTURES:	
None	\$0
SUBTOTAL: C-1	\$0
2. GRADING AND DRAINAGE:	
a. EARTHWORK (30,000 CY/mi. x 1.8 mi. x \$3/CY)	\$162,000
b. DRAINAGE	\$150,000

	SUBTOTAL: C-2	\$312,000
3. BASE AND PAVING:		
a. 10" GR AGGR BASE CRS - (\$24 / TN)		\$319,080
b. ASPHALT PAVING:		
1. Superpave Base Course - 25mm, 4" depth (\$40/ton)		\$246,960
2. Superpave Intermed Course - 19mm, 2" depth (\$40 / ton)		\$118,240
3. Superpave Surface Course - 9.5mm, 1.5" depth (\$40 / ton)		\$170,800
	SUBTOTAL: C-3.b	\$536,000
c. Milling, Asph Conc, Variable Depth (\$5 / SY)		
		\$6,000
	SUBTOTAL: C-3	\$861,080
4. LUMP ITEMS:		
a. TRAFFIC CONTROL		\$110,000
b. CLEARING AND GRUBBING		\$100,000
c. GRASSING		\$15,000
d. EROSION CONTROL		\$50,000
	SUBTOTAL: C-4	\$275,000
5. MISCELLANEOUS:		
a. SIGNING & STRIPING		\$150,000
b. FIELD OFFICE		\$40,000
c. GUARDRAIL		\$62,250
	SUBTOTAL: C-5	\$252,250
6. SPECIAL FEATURES :		
None		\$0

Project Concept Report Page 26
Project Number: STP-0001-00(339)
P.I. Number 0001339
Counties: Crawford and Lamar
Prepared by: ARCADIS

	SUBTOTAL: C-6	\$0

ESTIMATE SUMMARY	
A. RIGHT-OF-WAY:	\$34,100
B. REIMBURSABLE UTILITIES: (see GRAND TOTAL page for util costs)	\$0
C. CONSTRUCTION:	
1. MAJOR STRUCTURES	\$0
2. GRADING AND DRAINAGE	\$312,000
3. BASE AND PAVING	\$861,080
4. LUMP ITEMS	\$275,000
5. MISCELLANEOUS	\$252,250
6. SPECIAL FEATURES	\$0
SUBTOTAL CONSTRUCTION COST	\$1,700,330
E. & C. (10%)	\$170,033
INFLATION (5% PER YEAR)	\$403,075
NUMBER OF YEARS: 4	
TOTAL CONSTRUCTION COST (SITE 3)	\$2,273,438
TOTAL SITE 3 COST	\$2,307,538

PRELIMINARY COST ESTIMATE (SITE 4)

PREPARED BY: ARCADIS

PROJECT LENGTH: 2.0 MILES

ESTIMATED LETTING DATE:

PROGRAMMING PROCESS CONCEPT DEVELOPMENT DURING PROJECT D

PROJECT COST - STP-0001(339) SITE 4	
A. RIGHT-OF-WAY:	
1. PROPERTY (LAND & EASEMENT)	
Residential/Agricultural (11.02 acres @ \$5,000/acre)	\$55,100
2. DISPLACEMENTS; RES: 1, BUS: 0, M.H.: 0	
	\$20,000
3. IMPROVEMENTS (1 residential, misc. site improvements)	
	\$80,000
4. OTHER COST (DAMAGES, ADM. / COURT, INFL., ETC.)	
	\$383,500
SUBTOTAL: A	\$538,600
B. UTILITIES: (SEE GRAND TOTAL PAGE FOR UTIL COST)	
1. TRANSMISSION LINES	
	\$0
2. DISTRIBUTION LINES	
	\$0
3. OTHER UTILITIES	
	\$0
SUBTOTAL: B	\$0
C. CONSTRUCTION:	
1. MAJOR STRUCTURES:	
None	\$0
SUBTOTAL: C-1	\$0
2. GRADING AND DRAINAGE:	
a. EARTHWORK (30,000 CY/mi. x 2.0 mi. x \$3/CY)	
	\$180,000

b. DRAINAGE	\$160,000
SUBTOTAL: C-2	\$340,000
3. BASE AND PAVING:	
a. 10" GR AGGR BASE CRS - (\$24 / TN)	\$348,744
b. ASPHALT PAVING:	
1. Superpave Base Course - 25mm, 4" depth (\$40/ton)	\$270,520
2. Superpave Intermed Course - 19mm, 2" depth (\$40 / ton)	\$129,720
3. Superpave Surface Course - 9.5mm, 1.5" depth (\$40 / ton)	\$184,600
SUBTOTAL: C-3.b	\$584,840
c. Milling, Asph Conc, Variable Depth (\$5 / SY)	\$6,000
SUBTOTAL: C-3	\$939,584
4. LUMP ITEMS:	
a. TRAFFIC CONTROL	\$120,000
b. CLEARING AND GRUBBING	\$100,000
c. GRASSING	\$15,000
d. EROSION CONTROL	\$50,000
SUBTOTAL: C-4	\$285,000
5. MISCELLANEOUS:	
a. SIGNING & STRIPING	\$160,000
b. FIELD OFFICE	\$40,000
c. GUARDRAIL	\$0
SUBTOTAL: C-5	\$200,000
6. SPECIAL FEATURES :	

Project Concept Report Page 30
Project Number: STP-0001-00(339)
P.I. Number 0001339
Counties: Crawford and Lamar
Prepared by: ARCADIS

None	\$0
	SUBTOTAL: C-6 \$0

ESTIMATE SUMMARY	
A. RIGHT-OF-WAY:	\$538,600
B. REIMBURSABLE UTILITIES: (see GRAND TOTAL page for util costs)	\$0
C. CONSTRUCTION:	
1. MAJOR STRUCTURES	\$0
2. GRADING AND DRAINAGE	\$340,000
3. BASE AND PAVING	\$939,584
4. LUMP ITEMS	\$285,000
5. MISCELLANEOUS	\$200,000
6. SPECIAL FEATURES	\$0
SUBTOTAL CONSTRUCTION COST	\$1,764,584
E. & C. (10%)	\$176,458
INFLATION (5% PER YEAR)	\$418,307
NUMBER OF YEARS: 4	
TOTAL CONSTRUCTION COST (SITE 4)	\$2,359,349
TOTAL SITE 4 COST	\$2,897,949

PRELIMINARY COST ESTIMATE (SITE 5)

PREPARED BY: ARCADIS

PROJECT LENGTH: 0.8 MILES

ESTIMATED LETTING DATE:

PROGRAMMING PROCESS CONCEPT DEVELOPMENT DURING PROJECT D

PROJECT COST - STP-0001(339) SITE 5	
A. RIGHT-OF-WAY:	
1. PROPERTY (LAND & EASEMENT)	
Residential/Agricultural (5.05 acres @ \$5,000/acre)	\$22,250
2. DISPLACEMENTS; RES: 1, BUS: 0, M.H.: 0	
	\$20,000
3. IMPROVEMENTS (1 Residential, misc. site improvements)	
	\$90,000
4. OTHER COST (DAMAGES, ADM. / COURT, INFL., ETC.)	
	\$334,350
SUBTOTAL: A	\$466,600
B. UTILITIES: (SEE GRAND TOTAL PAGE FOR UTIL COST)	
1. TRANSMISSION LINES	
	\$0
2. DISTRIBUTION LINES	
	\$0
3. OTHER UTILITIES	
	\$0
SUBTOTAL: B	\$0
C. CONSTRUCTION:	
1. MAJOR STRUCTURES:	
None	\$0
SUBTOTAL: C-1	\$0
2. GRADING AND DRAINAGE:	
a. EARTHWORK (30,000 CY/mi. x 0.8 mi. x \$3/CY)	
	\$72,000

b. DRAINAGE	\$85,000
SUBTOTAL: C-2	\$157,000
3. BASE AND PAVING:	
a. 10" GR AGGR BASE CRS - (\$24 / TN)	\$143,568
b. ASPHALT PAVING:	
1. Superpave Base Course - 25mm, 4" depth (\$40/ton)	\$111,160
2. Superpave Intermed Course - 19mm, 2" depth (\$40 / ton)	\$53,240
3. Superpave Surface Course - 9.5mm, 1.5" depth (\$40 / ton)	\$76,840
SUBTOTAL: C-3.b	\$241,240
d. Milling, Asph Conc, Variable Depth (\$5 / SY)	\$6,000
SUBTOTAL: C-3	\$390,808
4. LUMP ITEMS:	
a. TRAFFIC CONTROL	\$65,000
b. CLEARING AND GRUBBING	\$100,000
c. GRASSING	\$10,000
d. EROSION CONTROL	\$50,000
SUBTOTAL: C-4	\$225,000
5. MISCELLANEOUS:	
a. SIGNING & STRIPING	\$85,000
b. FIELD OFFICE	\$40,000
c. GUARDRAIL	\$0
SUBTOTAL: C-5	\$125,000
6. SPECIAL FEATURES :	

Project Concept Report Page 34
Project Number: STP-0001-00(339)
P.I. Number 0001339
Counties: Crawford and Lamar
Prepared by: ARCADIS

None	\$0
SUBTOTAL: C-6	\$0

ESTIMATE SUMMARY	
A. RIGHT-OF-WAY:	\$466,600
B. REIMBURSABLE UTILITIES: (see GRAND TOTAL page for util costs)	\$0
C. CONSTRUCTION:	
1. MAJOR STRUCTURES	\$0
2. GRADING AND DRAINAGE	\$157,000
3. BASE AND PAVING	\$390,808
4. LUMP ITEMS	\$225,000
5. MISCELLANEOUS	\$125,000
6. SPECIAL FEATURES	\$0
SUBTOTAL CONSTRUCTION COST	\$897,808
E. & C. (10%)	\$89,781
INFLATION (5% PER YEAR)	\$212,832
NUMBER OF YEARS: 4	
TOTAL CONSTRUCTION COST (SITE 5)	\$1,200,420
TOTAL SITE 5 COST	\$1,667,020

GRAND TOTAL PROJECT COST	
SITE	COST
PROJECT CONSTRUCTION COST SUBTOTAL	\$9,509,246
RIGHT-OF-WAY COSTS (SITES 1-5)*	\$3,761,700
REIMBURSABLE UTILITY COSTS (SITES 1 - 5)**	\$104,655
GRAND TOTAL	\$13,375,601

* R/W costs per site provided
 ** Utility costs per site not provided

Department of Transportation State of Georgia

Interdepartmental Correspondence

FILE _____ **R/W Cost Estimate** **OFFICE** Atlanta
DATE August 21, 2002

FROM Harvey P. Booker, Right of Way Administrator

TO Thomas B. Howell, Jr., P.E., Thomaston District Engineer

ATTN: Bill Rountree

SUBJECT Preliminary Right of Way Cost Estimate
Project: STP-0001-00 (339) Sites 1,2,3,4 & 5
County: Crawford / Lamar
P.I. No.: 0001339
Description: SR 7 / US 341 Passing Lanes

As requested, attached is a copy of the approved Preliminary Right of Way Cost Estimate on the above referenced project.

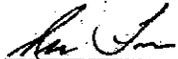
If you have any questions, please contact Rick Ford at the West Annex Right of Way Office at (404) 463-2560.

DPM:RCF:rf

Attachments

c: David Mulling, Engineering Services
Phil Copeland
File

Preliminary Right of Way Cost Estimate


Harvey P. Booker
 Right of Way Administrator
 By Rick Ford

Date: August 21, 2002
Project: STP-0001-00 (339) Crawford-Lamar, Site 1 **P.I. Number:** 0001339
Existing/Required R/W: Varies/Varies **No. Parcels:** 15
Project Termini: SR 7 / US 341 Passing Lanes

Land:	Residential / Agricultural		
	11.89 acres @ \$ 5,000 / acre =	\$	59,450
Improvements:	2 Residential, misc. site improvements	\$	205,000
Relocation	Residential - 1	\$	20,000
Damages:	None	\$	- 0 -
			\$ 284,450

Net Cost		\$	284,450
Scheduling Contingency	55 %	\$	156,448
Adm/Court Cost	60 %	\$	264,539
Inflation Factor	40 %	\$	282,196
		\$	987,633

Total Cost \$ 987,700

Preliminary Right of Way Cost Estimate


Harvey P. Booker
 Right of Way Administrator
 By Rick Ford

Date: August 21, 2002
Project: STP-0001-00 (339) Crawford-Lamar, Site 2 **P.I. Number:** 0001339
Existing/Required R/W: Varies/Varies **No. Parcels:** 15
Project Termini: SR 7 / US 341 Passing Lanes

Land:			
Residential / Agricultural	5.92 acres @ \$ 5,000 / acre = \$	29,600	
Commercial	1.00 acres @ \$ 70,000 / acre = \$	70,000	
			\$ 99,600
Improvements:			
2 Residential, 1 Commercial, misc. site improvements			\$ 335,000
Relocation			
Residential - 2 Parcels	\$	40,000	
Commercial - 1 Parcel	\$	25,000	
			\$ 65,000
Damages:			
None			\$ - 0 -
			\$ 499,600

Net Cost		\$	499,600
Scheduling Contingency 55 %		\$	274,780
Adm/Court Cost 60 %		\$	464,628
Inflation Factor 40 %		\$	495,603
		\$	1,734,611

Total Cost \$ 1,734,700

Preliminary Right of Way Cost Estimate


Harvey P. Booker
 Right of Way Administrator
 By Rick Ford

Date: August 21, 2002
Project: STP-0001-00 (339) Crawford-Lamar, Site 3
Existing/Required R/W: Varies/Varies
Project Termini: SR 7 / US 341 Passing Lanes
P.I. Number: 0001339
No. Parcels: 15

Land:	Residential / Agricultural		
	1.96 acres @ \$ 5,000 / acre =	\$	9,800
Improvements:	None	\$	- 0 -
Relocation	None	\$	- 0 -
Damages:	None	\$	- 0 -
			\$ 9,800

Net Cost		\$	9,800
Scheduling Contingency	55 %	\$	5,390
Adm/Court Cost	60 %	\$	9,114
Inflation Factor	40 %	\$	9,722
		\$	34,026

Total Cost \$ 34,100

Preliminary Right of Way Cost Estimate

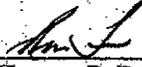

Harvey P. Booker
 Right of Way Administrator
 By Rick Ford

Date: August 21, 2002
Project: STP-0001-00 (339) Crawford-Lamar, Site 4
Existing/Required R/W: Varies/Varies
Project Termini: SR 7 / US 341 Passing Lanes
P.I. Number: 0001339
No. Parcels: 15

Land:	Residential / Agricultural 11.02 acres @ \$ 5,000 / acre =	\$	55,100	
Improvements:	1 Residential, misc. site improvements	\$	80,000	
Relocation	Residential 1 Parcel	\$	20,000	
Damages:	None	\$	- 0 -	
				\$ 155,100
	Net Cost	\$	155,100	
	Scheduling Contingency 55 %	\$	85,305	
	Adm/Court Cost 60 %	\$	144,243	
	Inflation Factor 40 %	\$	153,859	
		\$	538,507	

Total Cost \$ 538,600

Preliminary Right of Way Cost Estimate


Harvey P. Booker
 Right of Way Administrator
 By Rick Ford

Date:	August 21, 2002	P.L Number:	0001339
Project:	STP-0001-00 (339) Crawford-Lamar, Site 5	No.Parcels:	15
Existing/Required R/W:	Varies/Varies		
Project Termini:	SR 7 / US 341 Passing Lanes		

Land:	Residential / Agricultural		
	5.05 acres @ \$ 5,000 / acre =	\$	25,250
Improvements:			
	1 Residential, misc. site improvements	\$	90,000
Relocation			
	Residential 1 Parcel	\$	20,000
Damages:			
	None	\$	-0-
			\$ 135,250
	Net Cost	\$	135,250
	Scheduling Contingency 55 %	\$	74,388
	Adm/Court Cost 60 %	\$	125,783
	Inflation Factor 40 %	\$	134,168
		\$	469,589

Total Cost \$ 469,600

DEPARTMENT OF TRANSPORTATION
 STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE **Project # STP-0001-00(339) Crawford/Lamar** OFFICE Thomaston
P.I. # 0001339
Passing Lanes on SR-7

FROM Glenn W. Durrence, P.E., District Engineer DATE February 12, 2002

TO David Millen, District Preconstruction Engineer
 Attn: Bill Rountree

SUBJECT **UTILITY COST ESTIMATE**

The following is a ballpark utility cost estimate for facilities located within the scope of the above referenced project.

UTILITY OWNER	PUBLIC OR PRIVATE	TYPE OF UTILITY	REIMBURSABLE	NON-REIMBURSABLE
Atlanta Gas Light	Private	Nat Gas	16,000	0
BellSouth	Private	Tel Comm	NO FACILITIES	
Fort Valley Utilities	Public	Nat Gas	0	696,500
Crawford County	Public	Water	0	110,520
Flint EMC	Private	Electric	63,135	32,550
Georgia Power (Dist)	Private	Electric	NO FACILITIES	
Lamar EMC	Private	Electric	25,520	0
Public Service Telephone	Private	Tel Comm	0	223,142
City of Roberta	Public	Water	0	7,670
Lamar County	Public	Water	NO FACILITIES	
TOTAL PROJECT COST			\$104,655	\$1,070,382

If you have any questions, please call Glenn A. Williams at 706-646-6549.

KMG:GAW:pls

cc: Jeff Baker, P.E., State Utilities Engineer (via e-mail to Scott Greene)
 Herman Griffin, P.E., State Programming Engineer

715 Andrews Drive, Thomaston, Georgia 30286-4524, Telephone (706) 646-6330, Fax (706) 646-6384

MEETING REPORT

Participants:

Bill Rountree, GDOT
Jack Reed, GDOT
Debra Benton, GDOT Environmental
John Muretto, GDOT Traffic
Glenn Williams, GDOT Utilities
Frankie Green, GDOT Right of Way
Brink Stokes, GDOT
Mike Jackson, GDOT
Alex Wiley, ARCADIS
Lee Dowden, ARCADIS
Jess Billmeyer, ARCADIS

Copies:

Participants

ARCADIS G&M, Inc.
2849 Paces Ferry Road
Suite 400
Atlanta
Georgia 30339
Tel 770 431 8666
Fax 770 435 2666

TRANSPORTATION

Place/date of meeting:

Project Location, Crawford, Lamar & Monroe
Counties
September 19, 2001

Minutes by:

Jess Billmeyer

Subject:

Work Order 3 (STP-2800(2))
Work Order 4 (STP-0001(339))

ARCADIS G&M Project No.:

GA063020.0203

This document should be reviewed by all recipients. Any additions, revisions, or deletions should be called to the attention of the writer within ten (10) days.

General:

1. The design speed should be 55 MPH on all projects.
2. Design exceptions will be required for vertical curves if the design speed of the curve is greater than 10 MPH. If the design speed for the curve is less than 10 MPH with no accident history, a design exception is not required.
3. The offside shoulder should be widened in all cases. If the slopes are very tight "V" gutter should be considered. The "V" gutter should be located at the back of shoulder.
4. The proposed right of way will be 80' onside and 70' offside.
5. The ditch section will be 18' at 6:1, and a 2' ditch bottom. The typical section should be the same as used for the Bibb County passing lane project.
6. Displacements should be avoided. If a displacement occurs near the project begin or end, the designer should consider moving the limits of the project.

7. All traffic projections should be checked with Gary Langford.
8. The need and purpose statements should be checked with the planning group.

Work Order 3, Monroe County, STP-2800(2)

1. The project should provide a left turn lane into the lumber company road. A right turn lane should be added if possible.
2. The offside shoulders should be widened. The railroad may prevent the widening of the offside shoulders at some locations. The railroad right of way line must be determined. "V" gutter may be an option on that side. A design exception will be required if the offside shoulder cannot be improved.
3. There is a fiber line in the railroad ditch. It is a 6 - 1 1/2" duct fiber.
4. The widening will need to be all on the west side. The designers will consider a new alignment further to the west as an alternate.
5. A right turn lane should be provided into Woodward Road.
6. The intersection with the lumber road should be improved on both sides of the railroad.
7. The project limits should be extended to the north to correct a potential maintenance problem.

Work Order 4, Crawford & Lamar Counties, STP-0001(339)

Site #1

1. This site will be an offside passing lane. The transition to the offside should occur in the curves at the ends of the section.
2. The lakes should be mentioned in the concept report.
3. A right turn lane should be added at Sand Pit Drive.
4. The end of the project will be past the 1st culvert and before the guardrail and the second culvert.
5. A significant embankment may need to be cut down. "V" gutter may be required in this area.

Site #2

1. Right and left turn lanes should be provided at Cactus Hill Road.
2. Right turn lanes should be provided at Seigler Road.

3. The passing lane should be provided on the offside.
4. Create a more defined driveway for the business near the north end of the project on the west side. Look into header curb at this location.

Site #3

1. The project should tie into the four-lane section on the south side.
2. An onside passing lane should be provided.
3. A road comes into the project with a bad skew. This road should be made into a cul-de-sac and a nearby dirt road should be extended to an intersection with U.S. 341.
4. This section passes the Central Georgia Technical College.
5. The section should end near a feed store driveway on the north end.

Site #4

1. An onside passing lane should be provided.
2. This section will require more earthwork than the other sections due to steep side slopes.

Site #6

1. A right turn lane should be provided on Yatesville Road.
2. An onside passing lane should be provided up to the nursery, where it should switch to an offside passing lane.
3. The question was raised if the church on this section was historic. GDOT environmental will make the determination.

Site #7

1. An offside passing lane should be provided until the golf course, where it should switch to an onside passing lane.
2. A right turn lane to Willis Road should be provided.
3. There is a cemetery on this section. All efforts should be made to avoid impacts to cemetery

MEETING REPORT

PARTICIPANTS:

Bill Rountree, GDOT
Clayton L. Moore, GDOT A.E.
Tommy Cleveland, GDOT
Glenn A. Williams, GDOT Utils
Windy Bickers, GDOT Financial Mgmt.
Lesa Walker, GDOT Planning
Debra Benton, GDOT Environmental
Lamar M. Pruitt, Jr., GDOT Const.
Ray Crutchfield, GDOT R/W Acq.
Carol Perry, GDOT R/W Acq.
John Moretto, GDOT Traffic Ops
Jack Reed, GDOT DDSL
Alex Wiley, ARCADIS
Jamie Mount, ARCADIS
John Harper, Crawford Co. Schools
Lanier Boatwright, McIntosh Trail RDC
Ray Brinkley, Lamar Co.
George Brown, Lamar Co. Water Authority
Marty Johnston, Public Service Telephone
Mitchell Harris, Public Service Telephone
Larry Fogarty, Fort Valley Utils
Larry Dailey, Fort Valley Utils
Ned Watson, Fort Valley Utils
(See back page for contact numbers and emails)

COPIES:

Participants

PLACE/DATE OF MEETING:

GDOT District Three Signal Shop
Thomaston, GA
January 10, 2002

MINUTES BY:

Jamie Mount, ARCADIS

SUBJECT:

Work Order 4 (STP-0001-00(339))
Concept Meeting Minutes

ARCADIS G&M PROJECT NO.:

GA063020.0203

This document should be reviewed by all recipients. Any additions, revisions, or deletions should be called to the attention of the writer within ten (10) days.

SITE AND LAYOUT COMMENTS:

1. Regarding the proposed typical section, 10' shoulders shall consist of 2' paved shoulder and 8' grassed shoulder.
2. North arrows should be added to all site layouts.
3. Proposed R/W should be shown as 80' on sides to be widened (onside) and should be shown as 70' on sides opposite widening (offside) to accommodate shoulder construction.
4. Re-number sites from 1 through 6.

5. Site 1 - A 6" high-pressure gas line is located within the limits of the proposed passing lane. This gas line may be present on other sites located within Crawford County. GDOT to investigate and determine if passing lane should shift to opposite side of U.S. 341.

6. Site 3 - Crawford Co. has indicated that a low road extension is being built across from the entrance to the Central Georgia Technical College, resulting in a four-leg intersection at that location. GDOT has indicated that this extension may alleviate the need for the connector road conceptually proposed between U.S. 341 and the side-road paralleling it to the east. GDOT to advise ARCADIS regarding connector road need.

7. Site 3 - Crawford County indicated that school buses would be utilizing the new low road extension to cross U.S. 341 to the technical college. Because a northbound passing lane is proposed within the limits of this intersection, and because this section of U.S. 341 serves as a haul route for large trucks, the county feels school buses could be at risk from large truck collisions. GDOT to advise on revised limits of passing lane within this area.

PROJECT CONCEPT REPORT:

1. Place "Prepared by ARCADIS" signature line on cover page. Remove reference to "Improvement", in the paragraph indicating "Regional Transportation Improvement Program".
2. Remove/modify the following cover page signatures:
 - A. Modify "State Traffic Operations Engineer" to "State Traffic Safety Design Engineer"
 - B. Remove "District Engineer" signature
 - C. Remove "Other Offices as required..." signature
3. Correct the site limits on the project location maps to match the site limits shown on the aerial layouts. Verify MP limits correspond between maps and aerials.
4. Renumber site layouts to 1 through 6.
5. GDOT to provide an updated "Need and Purpose" to ARCADIS.
6. In the "Description of proposed project" section, provide total project lengths and total site lengths for each site.
7. In the "Description of proposed project" section, remove references to milling and resurfacing entire limits of all sites. Milling and resurfacing shall be limited to approximately 200' at the site termini to accommodate asphalt feathering.
8. Indicate in the PCR that this project is NOT located in a Non-attainment area.
9. GDOT to verify functional classification of roadway, which is currently shown as "Rural Minor Arterial".
10. Obtain revised traffic data from GDOT and include "D", "T", and "K" factors for each site. Current Year traffic should be shown as year 2008. Design year traffic should be shown as year 2028.
11. Indicate that for the proposed typical section, paved shoulders shall be 6.5'.
12. Indicate that the maximum degree of curvature allowable shall be 6°.
13. Indicate right-of-way widths referenced in PCR are "total" widths.
14. Provide a grand total number of parcels that are to be impacted by proposed right-of-way takes.

15. Verify displacements on all sites utilizing 80' onside and 70' offside right-of-way take criteria.
16. Indicate project as "Categorical Exclusion".
17. In the "Project Responsibilities" section, indicate the following:
 - A. Design – Undetermined
 - B. Relocation of Utilities – No LPGA sent
 - C. Providing material pits – Contractor
 - D. Providing detours – None required.
18. In the "Coordination" section, indicate the following dates and/or requirements:
 - A. Concept meeting date and brief summary – January 10, 2002.
 - B. P.A.R. meetings, dates and results – None required.
 - C. Public Involvement – None required
 - D. Local government comments – Lamar County in favor of project.
19. In the "Scheduling" section, indicate the following completion times:
 - A. Prelim const plans – 6 months
 - B. Right-of-Way plans – 2 months
 - C. Final const plans – 4 months
 - D. Purchase Right-of-Way – 12 months
20. In the "Attachments" section, remove items 6 & 8, "Bridge Inventory", and " Minutes of any meetings...", respectively.
21. Remove "Director of Preconstruction" and "Chief Engineer" signature approval lines.
22. Modify the project typical section illustration to depict the following:
 - A. 2' paved shoulders
 - B. Shoulder cross slopes to be 2%, per Bill Rountree
 - C. Modify pavement layer "C" to 440 lbs/sy. Modify corresponding layer thickness.
 - D. Correct project number, county, and PI number.
23. Remove "Draft" from September 19, 2001 meeting minutes.
24. Provide grand total page for cost estimates.
25. Provide units and unit costs for cost estimates.
26. For Right-of-Way portion of cost estimate, provide number of parcels and acreage taken per parcel.
27. Verify earthwork portion of cost estimate for each site.
28. For base course portion of cost estimate, show unit as tons as opposed to SY, and recal.

COMMENTS FROM EACH OFFICE:

1. GDOT Planning – May consider 4-laning entire project.
2. GDOT Programming – No comments.
3. GDOT Environmental - All efforts should be made to stay away from the cemetery located on Site 7. The chimneys on the site could be located on an archeological site.

4. GDOT Utilities – The passing lane may shift to opposite side of U.S. 341 due to potential gas line conflict.
5. GDOT Right-of-Way – All displacements should be addressed in Project Concept Report.
6. GDOT Traffic Operations – To consider necessary /modified improvements to Site 3 resulting from low road extension.
7. GDOT Construction – No comments.
8. GDOT Maintenance – No comments.
9. GDOT Location – No comments.
10. Lamar County – Add weigh station to one site to reduce large truck traffic on U.S. 341.
11. Crawford County – Consider designated school zone within limits of Central Georgia Technical College to slow large trucks.

NOTICE OF LOCATION AND DESIGN APPROVAL

STP-0001-00(339) Crawford and Lamar Counties P.I. No. 0001339

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.

The date of location approval is

Description of the proposed project: This project consists of building five (5) passing lane sites on SR 7/US 341 in Crawford County and Lamar County, Georgia. The cumulative improvement length of the five sites is approximately 7.6 miles. Individually, they are described as follows:

Site 1 – Crawford County (MP 4.6 to MP 6.0)

Site 1 roadway segment improvements shall consist of construction of an onside, northbound passing lane, milling & resurfacing the last 200' of the site termini to facilitate asphalt lift feathering, and construction of 10' wide shoulders (6.5' paved) only on the onside shoulder throughout the site corridor. Also, a right turn lane shall be provided at Sand Pit Drive. The project lies within Land District 7 and Land Lots 105, 106, 119, 120, 121, and 136.

Site 2 – Crawford County (MP 8.1 to MP 9.7)

Site 2 roadway segment improvements shall consist of construction of an offside, southbound passing lane, milling & resurfacing the last 200' of the site termini to facilitate asphalt lift feathering, and construction of 10' wide shoulders (6.5' paved) only on the onside shoulder throughout the site corridor. Right and left turn lanes shall be provided at Cactus Hill Road. Widening for these turn lanes shall occur on the west side of SR 7. In addition, right turn lanes shall be provided at Seigler Road. Also, a more defined driveway shall be constructed for the business, located on the west side of U.S. 341, at the north end of this site corridor. The project lies within Land District 7 and Land Lots 156, 157, 158, 162, 163, 164, and 165.

Site 3 – Crawford County (MP 19.0 to MP 20.8)

Site 3 roadway segment improvements shall consist of construction of an onside, southbound passing lane, milling & resurfacing the last 200' of the site termini to facilitate asphalt lift feathering, and construction of 10' wide shoulders (6.5' paved) throughout the corridor. No additional roadway improvements are anticipated for this site. The project lies within Land District 1 and Land Lots 1, 2, 3, 40 and 41.

Site 4 – Lamar County (MP 0.7 to MP 2.7)

Site 4 roadway segment improvements shall consist of construction of an onside, northbound passing lane, milling & resurfacing the last 200' of the site termini to facilitate asphalt lift feathering, and construction of 10' wide shoulders (6.5' paved) throughout the corridor. Also, a northbound right-turn lane shall be provided at Yatesville Road. The project lies within Land District 11 and Land Lots 74, 75, 97, 98, 106, and 107.

Site 5 – Lamar County (MP 3.5 to MP 4.3)

Site 5 roadway segment improvements shall consist of construction of an offside, southbound passing lane, milling & resurfacing the last 200' of the site termini to facilitate asphalt lift feathering, and construction of 10' wide shoulders (6.5' paved) throughout the corridor. Also, a right-turn lane shall be provided at Willis Road. The project lies within Land District 11 and Land Lots 105, 106, 134, 135, and 136.

Project Concept Report Page 54
Project Number: STP-0001-00(339)
P.I. Number 0001339
Counties: Crawford and Lamar
Prepared by: ARCADIS

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
clay.moore@dot.state.ga.us
725 Andrews Drive
Thomaston, Ga. 30286
706-646-6630

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:

Bill Rountree, PE
Thomaston District Office
bill.rountree@dot.state.ga.us
715 Andrews Drive
Thomaston, Ga. 30286
706-646-6594

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.

Contact List

NAME	COMPANY	PHONE NO. & EMAIL ADDRESS
Bill Rountree,	GDOT	706/646-6604 bill.rountree@dot.state.ga.us
Clayton L. Moore	GDOT A.E.	706/646-6630 clay.moore@dot.state.ga.us
Tommy Cleveland	GDOT	706/646-6589 tommy.cleveland@dot.state.ga.us
Glenn A. Williams	GDOT Utils	706/646-6549 glenn.a.Williams@dot.state.ga.us
Windy Bickers	GDOT Financial Mgmt.	404/463-5023 wendy.bickers@dot.state.ga.us
Lesla Walker	GDOT Planning	404/657-6693 lesa.walker@dot.state.ga.us
Debra Benton	GDOT Environmental	706/646-6597 debra.Benton@dot.state.ga.us
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Carol Perry	GDOT R/W Acq.	706/646-6526 carol.perry@dot.state.ga.us
John Moretto	GDOT Traffic Ops	706/646-6563 john.moretto@dot.state.ga.us
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Jamie Mount	ARCADIS	813/264-3428 jmount@arcadis-us.com
John Harper	Crawford Co. Schools	478/836-3131 jharper@crawford.ga.us
Lanier Boatwright	McIntosh Trail RDC	770/227-6300 lboatwright@cityofgriffin.com
Ray Brinkley	Lamar Co.	770/358-0456
George Brown	Lamar Co. Water Authority	770/229-4667 gbrow92722@aol.com
Marty Johnston	Public Service Telephone	478/847-2677 engasc@pstel.com
Mitchell Harris	Public Service Telephone	478/847-4111 mharris@pstel.com
Larry Fogarty	Fort Valley Utils	478/825-7701 ext15 lfogarty@fvutil.com
Larry Dailey	Fort Valley Utils	478/825-7701 ext14 ldailey@fvutil.com
Ned Watson	Fort Valley Utils	478/825-7701 ext31 mwatson@fvutil.com

Department of Transportation
State of Georgia

INTERDEPARTMENTAL CORRESPONDENCE

File: STP-0001-00(339) / Crawford/Lamar Counties
P.I. No. 0001339

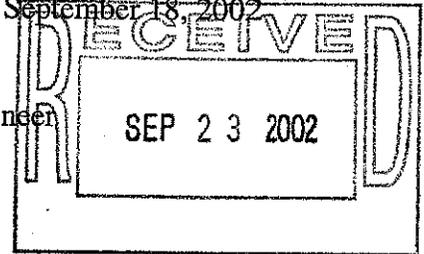
Office: Traffic Safety & Design
Atlanta, Georgia

Date: September 18, 2002

From: *PMA/uc* Phillip M. Allen, State Traffic Safety and Design Engineer

To: Meg Pirkle, Assistant Director of Preconstruction

Subject: Project Concept Report Review



We have reviewed the above referenced concept report for the proposed five (5) passing lane segments along SR 7 / US 341 in Crawford & Lamar Counties.

The Office of Traffic Safety & Design finds this report satisfactory for approval because it will improve safety and traffic operations within this area.

PMA/sz

Attachment (signature page)

Cc: Harvey Keeper, Environment/Location Engineer
Thomas Howell, District Engineer – Thomaston
Attention: David Millen, District Preconstruction Engineer
David Mulling, Engineer Services, w/ attachment
Marta Rosen, State Transportation Planning Administrator
Chuck Hasty, TMC
General Files
Office Files

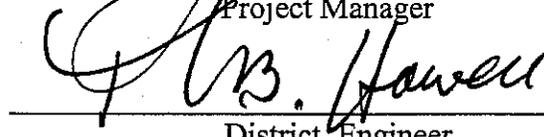
Project Concept Report Page 2
Project Number: STP-0001-00(339)
P.I. Number 0001339
Counties: Crawford and Lamar
Prepared by: ARCADIS

Recommendation for approval:

DATE 9/10/02

DATE 9/10/02


Project Manager


District Engineer

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

DATE _____

State Transportation Planning Administrator

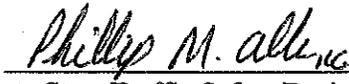
DATE _____

State Transportation Programming Engineer

DATE _____

State Environmental/Location Engineer

DATE 9/18/02


State Traffic Safety Design Engineer

DATE _____

Project Review Engineer

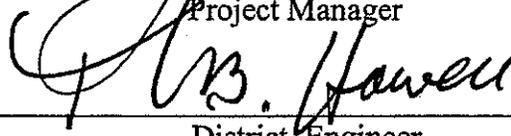
Project Concept Report Page 2
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P.I. Number 0001339
Counties: Crawford and Lamar
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DATE _____

State Transportation Planning Administrator

DATE _____

State Transportation Programming Engineer

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Safety Design Engineer

DATE 9-26-02


Project Review Engineer