ORIGINAL TO GENERAL FILES

D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE STP-9349(4) Rockdale County
P. I. No. 752380

OFFICE Preconstruction

DATE May 8, 1997

FROM C. Wayne Hutto, Assistant Director of Preconstruction

TO SEE DISTRIBUTION

SUBJECT **PROJECT CONCEPT REPORT APPROVAL**

Attached for your files is the approval for subject project.

CWH/cj

Attachment

DISTRIBUTION:

Walker Scott
Bobby Mustin
David Studstill (ATTN: Harvey Keepler)
Jerry Hobbs
Herman Griffin
Marta Rosen (ATTN: Michael Henry)
Marion Waters
Toni Dunagan
Paul Liles
Joe Palladi
Mitch Fowler

D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE STP-9349(4) Rockdale County
P.I. No. 752380

OFFICE Preconstruction

DATE April 16, 1997

FROM Walker W. Scott, Jr., P.E., Director of Preconstruction

TO Wayne Shackelford, Commissioner

SUBJECT **PROJECT CONCEPT REPORT**

This project is the widening and reconstruction of Parker Road from just south of Flat Shoals Road to Culpepper Drive for a total of 0.88km. This project includes the intersection improvement at Parker Road and Flat Shoals Road. The project's northern terminus will tie to project NH-035-1(26), Rockdale County, consisting of constructing a new bridge over I-20 (presently under construction). The Parker Road improvements, in conjunction with the new bridge over I-20, will provide north-south traffic distribution between central Rockdale County residential areas and the City of Conyers. The existing Parker Road consists of two, 3.6m lanes with variable width rural shoulders on 21.0m of existing right-of-way. Accident history for 3 years within the limits of the proposed project consists of 32 accidents with 8 injuries. The base year traffic (2000) is 8,259 VPD and the design year traffic (2020) is 21,110 VPD. The posted speed and the design speed are 70km/h.

The proposed construction will widen Parker Road to two, 3.6m lanes in each direction separated by a 6.1m raised median from Flat Shoals Road to Davis Drive, then transition to a four lane with a 4.2m flush median to match the Parker Road bridge project under construction north of Culpepper Drive. The Parker Road and Flat Shoals Road intersection approaches will be improved to provide left and right turn lanes as required. A traffic signal will be installed at the intersection of Parker Road and Flat Shoals Road as part of this project.

Construction staging will be accomplished under traffic without any detours or road closures except at the grade change involving the crest west of Parker Road on Flat Shoals Road. Detours will be provided via Johnson Road to West Iris to Parker Road north of Flat Shoals Road or Ebenezer Road to SR 138 to Parker Road south of Flat Shoals Road.

Environmental concerns include requiring a COE 404 permit; a Categorical Exclusion will be prepared; a public hearing will be held; time saving procedures are not appropriate.

STP-9349(4) Rockdale
April 16, 1997

The estimated costs for this project are:

	PROPOSED	APPROVED	PROG DATE	LET DATE
Construction (includes E&C and inflation)	$3,456,000	$1,160,000	2000	98-01
Right-of-Way & Utilities*	Local	Local		

*Rockdale County signed contract on 6-28-94 to be responsible for preliminary engineering, required right-of-way, utility relocation cost, and all construction costs over $160,000.

The proposed improvements will meet the demands of the future traffic projected for this corridor. I recommend this project concept be approved.

WWS:JDQ/cj

Attachment

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

APPROVE _____
Wayne Shackelford, Commissioner

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENTAL CORRESPONDENCE

RECEIVED
- 031
PRECONSTRUCTION

FILE: STP-9349(4) Rockdale
P.I. Number 752380

OFFICE: Atlanta, Georgia

DATE: March 31, 1997

FROM: Bob Mustin, Project Review Engineer DTM

TO: C. Wayne Hutto, Assistant Director of Preconstruction

SUBJECT: **PROJECT CONCEPT REPORT**

We have reviewed the concept report submitted March 22, 1997 by the letter from Joseph P. Palladi dated March 21, 1997 and have no comments.

The estimated costs for the project are as follows:

Construction	$ 2,714,000
Inflation	$ 428,000
E & C	$ 314,000
Right of Way	$? (LGPA)
Reimbursable Utilities	$? (LGPA)

DTM

c: Joe Palladi

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

RECEIVED
MAR 1997
PRECONSTRUCTION

INTERDEPARTMENT CORRESPONDENCE

FILE STP-9349(4), Rockdale County
P.I. No. 752380
Parker Road/C.R. 92 from Flat Shoals Road
to Culpepper Drive

OFFICE Urban Design

DATE March 21, 1997

FROM Joseph P. Palladi, State Urban Design Engineer

TO Wayne Hutto, Assistant Preconstruction Division Director

SUBJECT **Concept Report**

On Wednesday, November 13, 1996, at 1:00 p.m., a Concept Team Meeting for the above referenced project was held in the Urban Design Conference Room.

Attached to this letter is the original Concept Report, Need and Purpose Statement, Typical Sections, Project Layout, Accident Summary for the Klondike Road Corridor, Preliminary Cost Estimate, and Concept Team Meeting Minutes.

This report is being submitted for your review and approval. This project is scheduled to be let in January 1998. If you have any questions or comments, please contact Bill Moskal or Chuck Hasty at (404) 656-5442.

JPP:CAH:RC

cc: Walker W. Scott, Jr.
David Studstill (with attachments)
Marion Waters (with attachments)
Mitch Fowler (with attachments)
Bob Mustin (with attachments)
Lawrence K. Kaiser, Director Rockdale County DPW
Robert H. Miller, Attn: Thomas A. Sever, Greenhorne and O'mara, Inc.

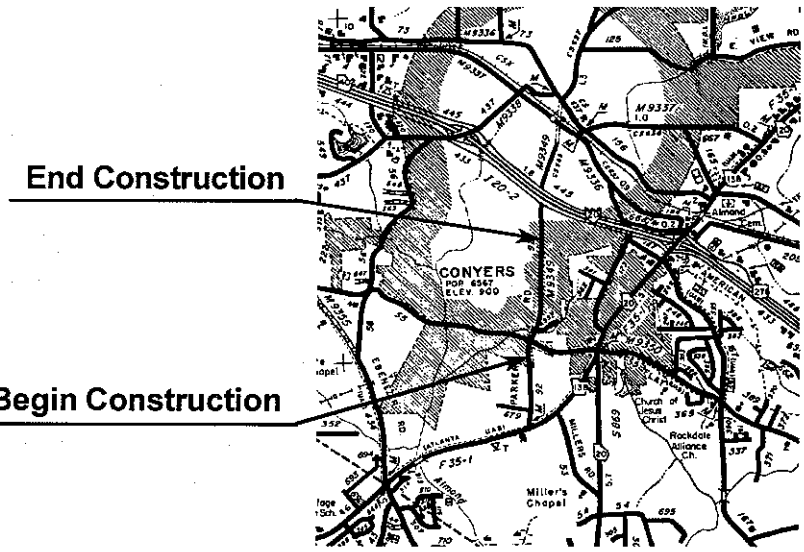
Department of Transportation

State of Georgia

Office of Urban Design

PROJECT CONCEPT REPORT

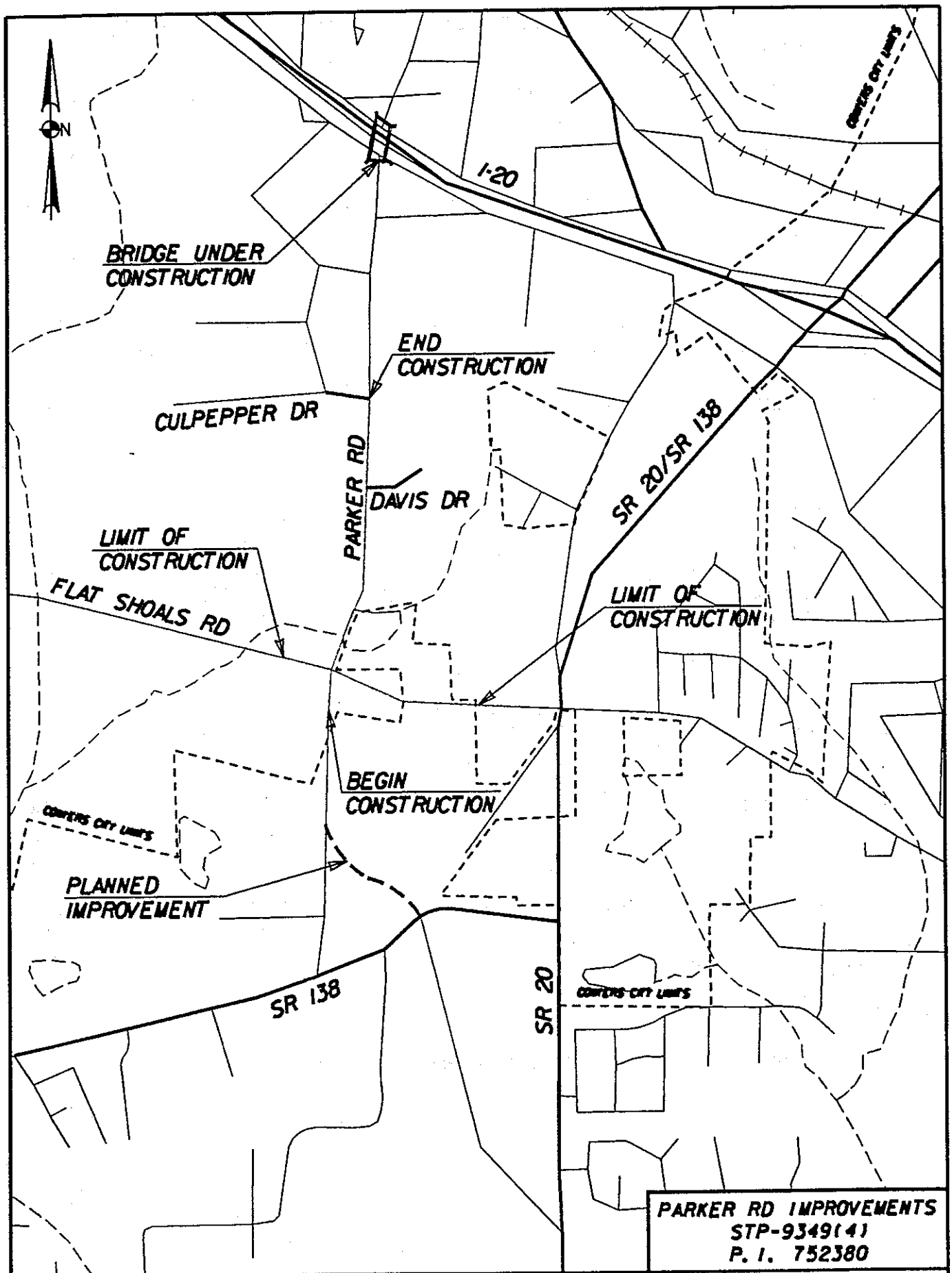
Project Number:STP-9349(4) Rockdale County
Parker Road/C.R.92 from Flat Shoals Road to Culpepper Drive
P.I. Number:752380
Federal Route Number: N/A
State Route Number: N/A



RECOMMENDATION FOR APPROVAL:

3/21/97	Joseph P Pollock
DATE	STATE URBAN DESIGN ENGINEER
DATE	STATE ENVIRONMENT/LOCATION ENGINEER
DATE	STATE TRAFFIC OPERATIONS ENGINEER
DATE	DISTRICT ENGINEER
DATE	PROJECT REVIEW ENGINEER

K:\WP\6497\CONCEPT.WPD



PARKER RD IMPROVEMENTS
STP-9349(4)
P. I. 752380

GREENHORNE & O'MARA
2110 NEWMARKET PARKWAY
SUITE 206
MARIETTA, GEORGIA 30067
PHONE: (770) 988-9555

LOCATION MAP
APPROX. SCALE: 1:15000

FIGURE 1

PROJECT CONCEPT REPORT

Prepared by Greenhorne & O'Mara, Inc. for Rockdale County

DATE: March 18, 1997

PROJECT NUMBER:STP-9349 (4) COUNTY:Rockdale

DESCRIPTION:Parker Road Widening and Reconstruction from Flat Shoals Road to Culpepper Drive.

P.I. NO.:752380 U.S. ROUTE NO.: NONE STATE RT. NO.: NONE

LOCATION: Parker Road from Flat Shoals Road to Culpepper Drive in Conyers, Rockdale County, Georgia.

PROJECT LENGTH: 0.88 km

TRAFFIC

CURRENT	PROJECTED
YEAR 2000 ADT 8259	YEAR 2020 ADT 21110

PDP CLASSIFICATION	NON-CA	CA	EX	SF	FUNCTIONAL CLASSIFICATION
Major Existing	( )	( )	(X)	( )	Urban Minor Arterial

EXISTING DESIGN

TYPICAL SECTION: Two 3.6 m lanes with variable width graded shoulders; 21 m R/W.

POSTED SPEED	MIN. EXISTING RADIUS OF CURVE	MAX. EXISTING GRADE
70 KPH (45 MPH)	457 m	6.0%

EXISTING MAJOR STRUCTURES

FEATURES INTERSECTED: None

PROJECT NEED & PURPOSE:SEE ATTACHED

PROPOSED DESIGN

PROPOSED TYPICAL SECTION:Four Lane Urban Section, 4-3.6 m travel lanes, 6.0 m raised median with 3.6 m shoulders and 200 mm X 750 mm curb and gutter on both sides of the roadway.

RIGHT-OF-WAY WIDTH: 26 m Parker Road, 30 m Flat Shoals Road

DESIGN SPEED: 70 km/h Parker Road, 70 km/h Flat Shoals Road

MIN. RADIUS OF CURVE: ALLOWABLE: 130 m PROPOSED:457 m

MAX. GRADE: ALLOWABLE: 8.5% PROPOSED: 6.13%

TYPE ACCESS: Regulated by Local Government

TRAFFIC CONTROL DURING CONSTRUCTION: Staged construction required, the traffic will be maintained at all times

PROPOSED STRUCTURES

None

DESIGN EXCEPTIONS TO BE REQUIRED

CONTROLLING CRITERIA	UNDETERMINED	YES	NO
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)

NUMBER OF PARCELS: 16

DISPLACEMENTS: None

LEVEL OF ENVIRONMENTAL ANALYSIS: Categorical Exclusion

PUBLIC INVOLVEMENT: Public Information Meeting

PERMITS REQUIRED (COE 404, WATER QUALITY, TVA):COE 404, Nationwide

TIME SAVINGS PROCEDURES APPROPRIATE: NO

LOCAL GOVERNMENT COMMITMENTS: LGPA Signed 6-28-94, P.E., R.O.W., Utilities and all Construction Cost over $160,000.00

OTHER PROJECTS IN THE AREA:
STP-0869(12), SR 20, HONEY CREEK TO SR 138,
(to be let November, 1997)
STP-NH 20-2(133), PARKER ROAD BRIDGE OVER I-20 (Under Constr.)
STP-9350(2), FLAT SHOALS RD., OLD SALEM TO SALEM ROAD (Long Range)
NH-035-1(26), SR 20/138, FROM RELOC SR 138 TO I-20,
(to be let July 1997)
STP-9338(5), KLONDIKE ROAD, SMYRNA ROAD TO JOHNSON SPUR,
(to be let July 1998)

CONCEPT TEAM MEETING DATE: November 13, 1996

POSSIBLE LOCATIONS OF USTS: NONE

POSSIBLE LOCATIONS OF HAZARDOUS WASTE: None known at this time

OTHER ALTERNATES CONSIDERED: NO BUILD

COMMENTS: The concept design provides for LOS C in the AM & PM design hours. The southern leg of Parker Road is being designed without a median, but with the width to accomodate a future project that will have a raised median. Currently, this future project is not a part of the Ga. DOT work plan. The western leg of Flat Shoals Road will not have a median in order to tie into existing pavement east of a large wetland area and avoid impacts.

ATTACHMENTS: NEED AND PURPOSE STATEMENT, LOCATION MAP, TYPICAL SECTIONS, ACCIDENT HISTORY, PRELIMINARY COST ESTIMATE, CONCEPT TEAM MEETING MINUTES

ACCIDENT HISTORY

The following is a summary of the accident data available for Parker Road.

	1991	1992	1993
Total Accidents	15	14	3
Total Injuries	2	5	1
Total Fatalities	0	0	0
Accident Rate	17.2	16.4	3.6
Statewide Accident Rate	4.9	4.4	5.4
Injury Rate	2.3	5.9	1.2
Statewide Injury Rate	2.1	1.9	2.3

Statewide Accident Rate and Injury Rate are for Urban Minor Arterials.
All rates are accidents per million vehicle miles traveled

PRELIMINARY COST ESTIMATE
URBAN DESIGN OFFICE

DATE: 14-Mar-97

PREPARED BY : GREENHORNE & O'MARA, INC.
FOR ROCKDALE COUNTY

PROJECT NO.:

FILE NAME: O:PM/6675/PM/CONCEPT/ESTIMATE

P.I. NO.:

PROJECT LENGTH: 1.86 km

PROJECT DESCRIPTION / CONCEPT: PARKER ROAD WIDENING & RELOCATION FROM FLAT SHOALS ROAD TO SR 138 AND MILLERS CHAPEL ROAD WIDENING & RECONSTRUCTION FROM SR 138 TO SR 20. WIDENING TO FOUR LANES WITH BIKE LANES AND 6 m RAISED MEDIAN

EXISTING ROADWAY: TWO LANE ROAD WITH NO MEDIAN.

TRAFFIC (TWO-WAY ADT):	EXISTING (2000)	DESIGN (2020)
	8259	21110

( ) PROGRAMMING PROCESS
(X) CONCEPT DEVELOPMENT
( ) DURING PROJECT DEVELOPMENT

PROJECT COSTS

A. RIGHT-OF-WAY						LOCAL
B. UTILITIES						LOCAL
C. GRADING COMPLETE						$600,000
D. PAVEMENT						
1. GR. AGG. BASE	32800 M2	23005	MG	$13.75	$316,319	
2. ASPH. CONC. E	35631 M2	3317	MG	$63.50	$210,630	
3. ASPH. CONC. B	27404 M2	3357	MG	$37.90	$127,230	
4. ASPH. CONC. BASE	27404 M2	6714	MG	$39.40	$264,532	
5. LEVELLING		160	MG	$37.60	$6,016	
6. TACK COAT	117843 M2	23022	L	$0.23	$5,295	
7. AGG. SURF. COURSE		87	MG	$14.35	$1,248	
					SUBTOTAL	$931,270
E. CONCRETE WORK						
1. CURB & GUTTER, TY 2		3750	LM1	$31.10	$116,625	
CURB & GUTTER, TY 7		2300	LM1	$28.80	$66,240	
2. CONC. MEDIAN, 200 mm		1735	M2	$44.00	$76,340	
3. DRIVEWAY CONC., 150 mm		160	M2	$23.15	$3,704	
4. VALLEY GUTTER, 150 mm		265	M2	$30.80	$8,162	
5. CLASS B CONC, BASE		30	M3	$180.00	$5,400	
PAVEMENT WIDENING					**SUBTOTAL**	$276,471
F. DRAINAGE						
PIPE		3720	LM1	$135.00	$502,200	
STRUCTURES		56	EA	$1,400.00	$78,400	
					SUBTOTAL	$580,600
G. TRAFFIC CONTROL			LS			$150,000
H. EROSION CONTROL			LS			$35,000
J. SIGNING, STRIPING, SIGNALS						
1. SIGNS, POSTS			LS		$5,500	
2. STRIPING	12000 LM1		LS		$16,000	
3. SIGNAL	2		LS		$57,000	
					SUBTOTAL	$78,500
K. GRASSING & LANDSCAPING			LS			$20,000
L. MISCELLANEOUS						
1. FIELD OFFICE		1	EA		$25,000	
2. UNDERDRAIN		100	LM1	$38.50	$3,850	
3. RIP RAP		320	M2	$37.70	$12,064	
4. R/W MARKERS		15	EA	$56.00	$840	
					SUBTOTAL	$41,754

FILE NAME: O:PM/6497/PM/CONCEPT/ESTIMA

CONCEPT ESTIMATE SUMMARY

DATE: 14-Mar-97

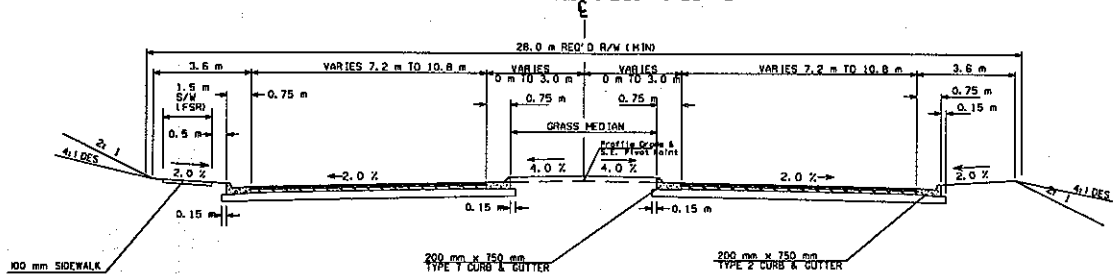
PROJECT: PARKER ROAD WIDENING & RELOCATION FROM FLAT SHOALS ROAD TO SR 138 AND MILLERS CHAPEL ROAD WIDENING & RECONSTRUCTION FROM SR 138 TO SR 20. WIDENING TO FOUR LANES WITH BIKE LANES AND 6 m RAISED MEDIAN

GDOT NO.:
P.I. NO.:

A. RIGHT-OF-WAY	LOCAL
B. UTILITIES	LOCAL
C. GRADING COMPLETE	$600,000
D. PAVEMENT	$931,270
E. CONCRETE WORK	$276,471
F. DRAINAGE	$580,600
G. TRAFFIC CONTROL	$150,000
H. EROSION CONTROL	$35,000
J. SIGNING, STRIPING, SIGNALS	$78,500
K. GRASSING & LANDSCAPING	$20,000
L. MISCELLANEOUS	$41,754
TOTAL CONSTRUCTION ESTIMATE	$2,713,595
INFLATION (3 YRS @ 5%)	$427,730
10 % E & C	$314,133
TOTAL	$3,455,458

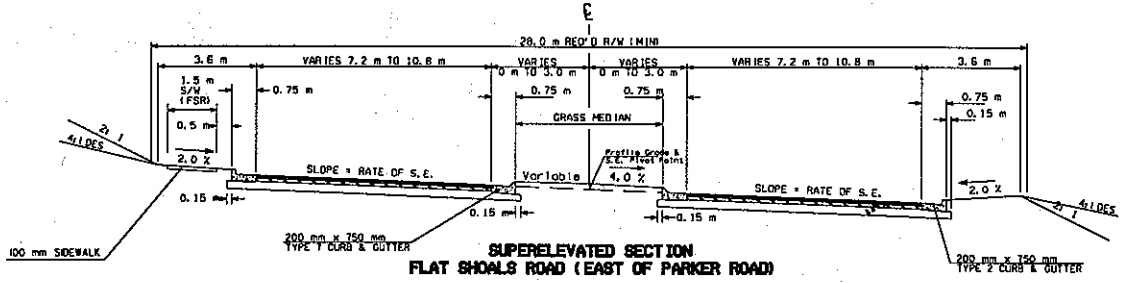
STATE	PROJECT NUMBER	PROJECT NO.	TOTAL SHEETS
GA.	STP-9350(2)		

TYPICAL SECTION NO. 5



TANGENT SECTION
FLAT SHOALS ROAD (EAST OF PARKER ROAD)

TYPICAL SECTION NO. 6



SUPERELEVATED SECTION
FLAT SHOALS ROAD (EAST OF PARKER ROAD)

DATE	REVISIONS

GREENHORNE & O'MARA
2110 NEWMARKET PARKWAY
SUITE 208
MARIETTA, GEORGIA 30067
PHONE: (770) 988-9555

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE OF URBAN DESIGN

TYPICAL SECTIONS
PARKER ROAD
FLAT SHOALS ROAD

DRAWING NO.
03 - 03

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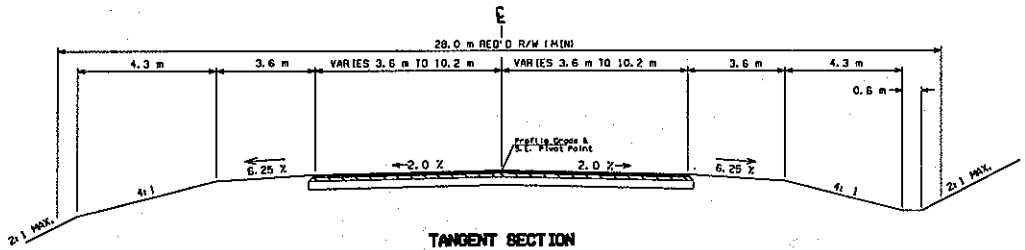
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	STP-9350(2)		

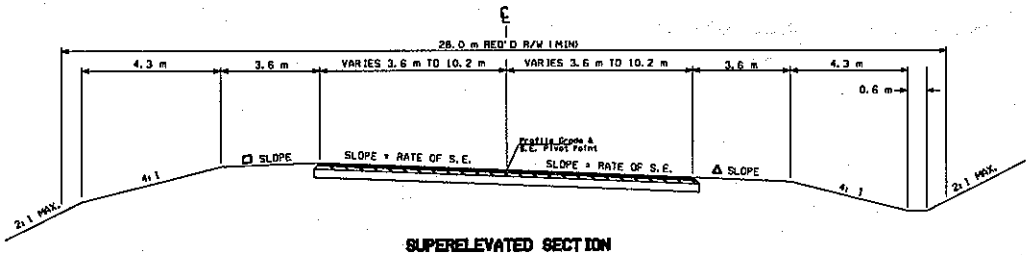
TYPICAL SECTION NO. 7



TANGENT SECTION
FLAT SHOALS ROAD (WEST OF PARKER ROAD)

△ - 6% OR MATCH SUPERELEVATION SLOPE, WHICHEVER IS GREATER
□ - MAXIMUM 8% BREAKOVER

TYPICAL SECTION NO. 8



SUPERELEVATED SECTION
FLAT SHOALS ROAD (WEST OF PARKER ROAD)

DATE	REVISIONS

GREENHORNE & O'MARA
2110 NEWMARKET PARKWAY
SUITE 208
MARIETTA, GEORGIA 30067
PHONE: (770) 988-9555

STATE OF GEORGIA
DEPARTMENT
OF
TRANSPORTATION
OFFICE OF URBAN DESIGN

TYPICAL SECTIONS
PARKER ROAD
FLAT SHOALS ROAD

DRAWING NO.
03 - 04

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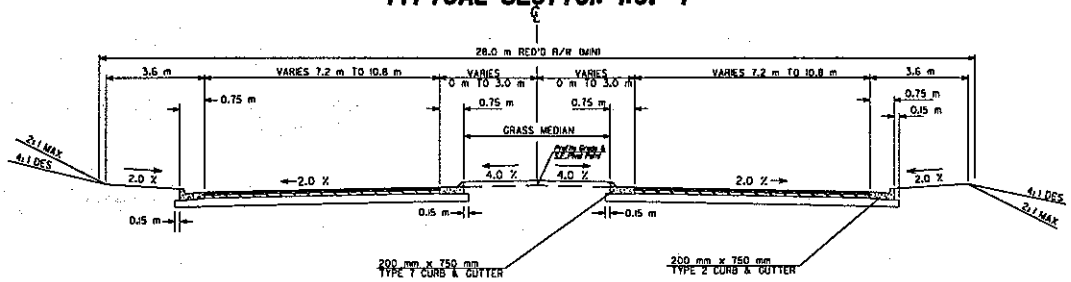
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	STP-9350(2)		

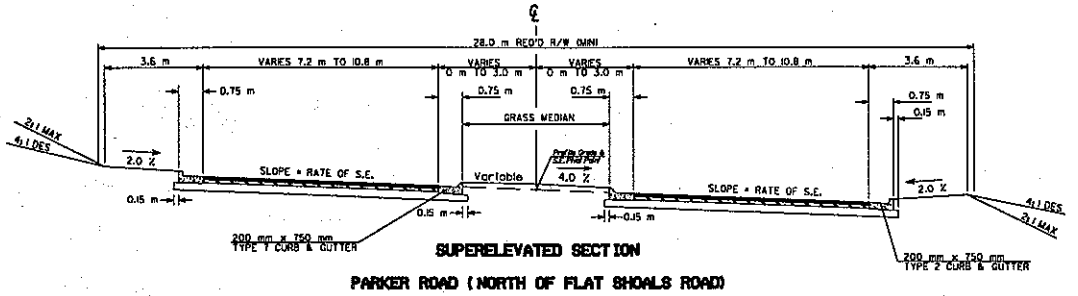
TYPICAL SECTION NO. 1



TANGENT SECTION

PARKER ROAD (NORTH OF FLAT SHOALS ROAD)

TYPICAL SECTION NO. 2



SUPERELEVATED SECTION

PARKER ROAD (NORTH OF FLAT SHOALS ROAD)

ROCKDALE COUNTY DEPARTMENT OF PUBLIC WORKS

DATE	REVISIONS

GREENHORNE & O'MARA
2110 NEWMARKET PARKWAY
SUITE 208
MARIETTA, GEORGIA 30067
PHONE: (770) 988-9555

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE OF URBAN DESIGN

TYPICAL SECTIONS
PARKER ROAD
FLAT SHOALS ROAD

DRAWING NO. 03 - 01

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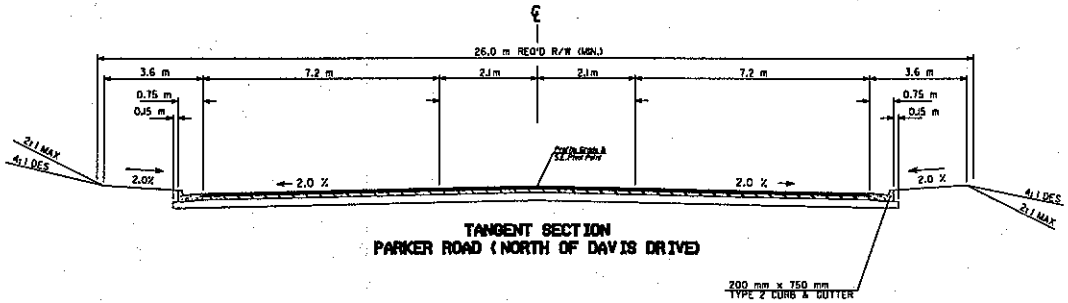
STATE	PROJECT NUMBER		
GA.	STP-9350(2)		

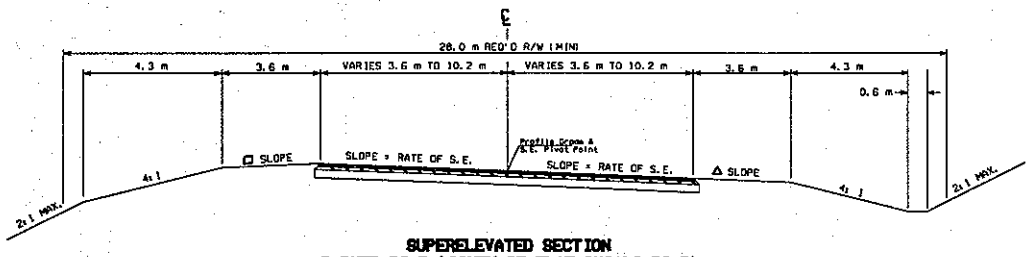
TYPICAL SECTION NO. 3



TANGENT SECTION
PARKER ROAD (NORTH OF DAVIS DRIVE)

△ - 6% OR MATCH SUPERELEVATION SLOPE, WHICHEVER IS GREATER
□ - MAXIMUM 8% BREAKOVER

TYPICAL SECTION NO. 4



SUPERELEVATED SECTION
PARKER ROAD (SOUTH OF FLAT SHOALS ROAD)

ROCKDALE COUNTY DEPARTMENT OF PUBLIC WORKS

DATE	REVISIONS

GREENHORNE & O'MARA
2110 NEWMARKET PARKWAY
SUITE 208
MARIETTA, GEORGIA 30067
PHONE: (770) 988-9555

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE OF URBAN DESIGN

TYPICAL SECTIONS PARKER ROAD
MAINLINE

DRAWING NO. 03-02

STP-9349(4), Rockdale County

P.I. No. 752380

Parker Road Widening and Reconstruction from Flat Shoals Road to Culpepper Drive

NEED AND PURPOSE STATEMENT

Parker Road is functionally classified as an urban minor arterial roadway. The proposed project is the intersection improvement and widening of Parker Road beginning at 145 m (475 ft.) south of Flat Shoals Road to 762 m (2,500 ft.) north of Flat Shoals Road and including 1,125 m (3,690 ft.) along Flat Shoals Road, a total length of 2,032 m (1.26 miles). The majority of the Parker Road corridor consists of a two-lane rural roadway centered within approximately 24 m (80 ft.) of right of way on Parker Road and 30 m (100 ft.) of right of way on Flat Shoals Road. Turning and other auxiliary lanes are not present at this time.

Parker Road will provide north/south traffic distribution between central Rockdale County residential areas and the City of Conyers as a result of the new bridge being constructed over I-20. The existing land use patterns along Parker Road consist of commercial, light industrial, single-family residential, agricultural, and undeveloped properties. Adjacent land uses generate moderate commercial and residential traffic volumes. These conditions cause traffic congestion at intersections and driveways. Existing traffic lanes will not be sufficient to meet future traffic demands.

The Parker Road corridor experienced 32 vehicular accidents over the three year period encompassing 1991, 1992, and 1993. The most common accident type was angle accidents at intersections (16), followed by collisions with fixed objects (9) and rear-end collisions (5). These collision types are characteristic of four-way stops like the intersection at Flat Shoals and Parker Road. Additional lanes on the approaches and intersection improvements should reduce the number of accidents which occur within the project limits.

The Parker Road corridor has four major areas that need improvement:

1. There are no left-turn lanes along Flat Shoals Road and Parker Road.
2. The stopping sight distance east-bound on Flat Shoals Road approaching Parker Road does not meet speed design.
3. Some areas of the pavement are showing signs of distress and failure.
4. The Parker Road and Flat Shoals Road intersection is a four-way stop.

The purpose of the proposed project is to improve traffic flow on Parker Road, correct roadway deficiencies, increase intersection capacity at Flat Shoals Road, serve the transportation demand generated by increasing population and through traffic and improve the safety of the intersection by adding a traffic signal.

Parker Road from Flat Shoals Road to I-20 is included in Rockdale County's Bicycle Master Plan. However, no bicycle lanes will be provided on this project, only signing for the bicycle route.

Project STP-9349(4), Rockdale County - Parker Road will provide continuity with the Flat Shoals Road/Parker Road intersection and will tie to proposed construction of Flat Shoals Road to the east, Project NH-035-1(26), Rockdale County, and the Parker Road Bridge project over I-20 to the north, Project STP-NH-20-2(133), Rockdale County.

Other road improvement projects near the subject project are S.R. 138/S.R. 20 from relocated S.R. 138 to I-20, Project NH-035-1(26), Rockdale County; S.R. 20 widening from Honey Creek Road to relocated S.R. 138, Project STP-0869(12), Rockdale County; Klondike Road from Smyrna Road to Johnson Road, Project STP-9338(5), Rockdale County; Flat Shoals Road widening from Old Salem Road to Salem Road, Project STP-9350(2), Rockdale County, and the Parker Road Bridge project, Project STP-NH-20-2(133), Rockdale County.

The project (RO015) is included in the Transportation Improvement Program (FY 1996-2001) of the adopted Atlanta Regional Transportation Plan (FY 1987-2010).

Planning
Site Engineering
Transportation
Environmental
Surveying/Mapping

Greenhorne & O'Mara, Inc. *Founded in 1950*
2110 NEW MARKET PARKWAY, SUITE 208 MARIETTA, GEORGIA 30067 PHONE 770-988-9555 FAX 770-952-0653

CONCEPT TEAM MEETING

PROJECT: Parker Road Phase II,
STP-9349(4), P.I. 752380
Widening of Parker Road from Flat Shoals Road to Culpepper Road

DATE: November 13, 1996

PLACE: Georgia DOT Urban Design Conference Room

PRESENT:

Joe Palladi	GDOT-Urban Design	404-656-5436
William J.Moskal	GDOT-Urban Design	404-656-5442
Frances Anglin	GDOT-Environmental	770-986-1050
Reba Scott	GDOT-Programming	404-651-7043
Dana Sikes	GDOT-Construction	404-299-4386
Gary Langford	GDOT-Traffic Analysis	404-699-4430
Dale Petticord	Georgia Power Co.	770-982-8255
Jim Chambers	GDOT-Urban Design	404-657-9872
Del Clippard	GDOT-Traffic Operations	404-635-8126
Charles A. Hasty	GDOT-Urban Design	404-656-5442
Wayne Haynie	City of Conyers	770-929-4266
Andrea Bowen	City of Conyers	770-929-4232
Scott Emmons	City of Conyers	770-929-4278
Todd Mooney	Snapping Shoals EMC	770-385-2708
Wayne Kitchens	Snapping Shoals EMC	770-385-2709
Ronnie Brown	Atlanta Gas Light	770-602-4107
Gerald Moore	Atlanta Gas Light	404-584-4771
Ronnie Riggs	DOT Utilities Distr.	770-986-1090
Barry Payne	GDOT Utilities	770-986-1090
Thomas Tkacs	Greenhorne & O'Mara	770-988-9555
Linnea Ethridge	Rockdale County	770-785-5919
Steve Reynolds	GADOT Board Member	770-963-5434
Roy Beavers	BellSouth	770-493-2020
Mike Connor	Raytheon/Rockdale Co.	770-785-6906
Donald Mills	GDOT-Planning	404-657-6912
Lee Croy	Raytheon/Rockdale Co.	770-785-6913
Don Brown	GDOT	770-986-1117
Jan R. Chandler	GADOT-Urban Design	404-656-5445
Bob Miller	Greenhorne & O'Mara	770-988-9555
Theon Grojean	Greenhorne & O'Mara	770-988-9555
Vern Wilburn	Greenhorne & O'Mara	770-988-9555

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MINUTES:

1. Joe Palladi opened the meeting and asked the attendees to introduce themselves and their affiliation. Bill Moskal provided an overview of the project and its listing in the TIP. The project is currently listed on the TIP with January 1998 as the earliest construction date. This project was originally designed as part of a Rockdale County Sales Tax Program Project that extended from Smyrna Road to Salem Road (SR 162). This larger project was broken into phases to facilitate funding.

2. Bob Miller presented the project description. The limits are from Flat Shoals Road to Culpepper Road including widening of Flat Shoals Road from 1200 feet west of Parker Road to 1600 feet east of Parker Road. Some improvements will also be required south of Flat Shoals Road to match the proposed construction of Parker Road Phase III to the south. The existing typical section is two-lane rural, the proposed section in the current design for Parker Road is four-lane urban with a flush median to match the Parker Road Bridge Project under construction north of Culpepper Drive. The recent update to the traffic projections and the addition of the Parker Road Phase III project to the south suggest that a four-lane urban section with a raised median will be appropriate in the vicinity of the intersection with Flat Shoals Road. After some discussion it was agreed that the limit of the median would appropriately be Davis Drive north of Flat Shoals Road. The urban section with a raised median should be extended south of Flat Shoals Road for an appropriate distance to support the necessary turn lanes and then squared off. Flat Shoals Road west of Parker Road will transition back to the existing two-lane rural section as soon as possible. Flat Shoals Road east of Parker Road will be four-lane urban with a raised median. The proposed widening is generally symmetrical about the existing centerline to take advantage of the existing 80 foot right of way on Parker Road and 100 foot right of way on Flat Shoals Road. There are two proposed grade changes along the alignment. One involves lowering a crest west of Parker Road on Flat Shoals Road to meet the proposed design speed. The other is a fill over the culvert just north of Flat Shoals Road on Parker Road to meet the proposed design speed in the sag. The only major culvert is an existing 6' X 5' rubble masonry box culvert at this sag that will be replaced by double 60" RCPs. A Nationwide 404 Permit has already been confirmed for this site as part of the original project design for Rockdale County. Construction staging will be accomplished under traffic without any detours or road closures except at the grade change involving the crest west of Parker Road on Flat Shoals. A road closure is planned at this location with detours provided via Johnson Road to West Iris to Parker Road north of Flat Shoals Road or Ebenezer Road to SR 138 to Parker Road south of Flat Shoals. The proposed design speed is 70 kph (45 mph). The proposed improvements are needed to meet the demand of the future traffic projected for this corridor and specifically at the intersection of Parker and Flat Shoals.

3. Vern Wilburn presented the project's build (2000) and design year (2020) traffic. Joe Palladi noted that the traffic projections should be approved by Gary Langford and then the capacity analysis submitted to Urban Design for approval with the Concept. A level of service C or better would be desirable although a level of service D would be minimum in an urban area. Due to the anticipated completion of the Parker Road Bridge, the proposed Parker Road Phase III project to the south, the design being moved out from 2018 to 2020 and the high rate of residential growth in the area the design year traffic has increased significantly and additional improvements at the intersection with Flat Shoals Road and Parker Road will be warranted. These will probably include adding a second left turn from Parker Road southbound to Flat Shoals eastbound and additional improvements on Parker Road south of Flat Shoals. A new signal is also proposed for the intersection as well. A permit for this signal will have to be obtained from the Department before it can be implemented.

4. Tom Tkacs presented the status of the Environmental Document. A GEPA Environmental Assessment was originally completed for the previous project from Smyrna Road to Salem Road (SR 168). This document was revised and a draft NEPA EA submitted to the Department combining this project with the Flat Shoals Road Project STP-9350 (2). After review, the Department recommended breaking the document into the two

separate projects and changing the document for this project to a Categorical Exclusion. The NEPA CE for this project is complete and is ready for submittal to the Department for initial review. There are no significant wetland impacts on the project and no eligible historic resources. FHWA approval of the CE is anticipated in early 1997.

5. The typical sections were reviewed. The shoulder cross slope should be limited to 2% to allow for sidewalks in the future even if they are not currently proposed. The Parker Road Bridge Project currently has sidewalks on the bridge and may include a sidewalk on one side of the road on the approaches. Rockdale County will confirm this. If a sidewalk is included off the bridge then a sidewalk should be included on Parker Road to connect to the sidewalk proposed for Flat Shoals Road. 4:1 slopes should be incorporated in developed areas where feasible. A 3.6m shoulder width should be considered to better accommodate utilities and to provide more room between the sidewalk and the shoulder break. Bill Moskal will determine if the project is on a bicycle corridor. Additional typical sections are needed for Flat Shoals Road West of Parker and the Parker Road Section with a raised median.

6. Utilities present on the project were reviewed:

Snapping Shoals EMC - Existing facilities along the length of the project.

City of Conyers Water System - Existing 12" mains on the south side of Flat Shoals Road west of Parker, the north side of the road east of Parker and on the east side of Parker Road. The City has left the existing main under the roadway where possible in the past. This will not be possible in the cut area on Flat Shoals west of Parker but needs to be studied everywhere else.

Atlanta Gas Light - Existing 4" main within the existing right of way on the west side of Parker Road beginning 300 feet south of Davis Drive, and running northward to the limit of the project, to be relocated west of the proposed widening. Existing 4" main on the north side of Flat Shoals Road beginning right at the limit of construction on the east end of the project and extending to the east within the existing right of way. This line will not be impacted by the current design and will probably be relocated as part of the Department's improvements on SR 138 that will extend down Flat Shoals Road to the limits of this project. If this main, or the main along Parker Road are extended before this project is constructed, consideration needs to be given to the proposed roadway improvements.

Bellsouth - Existing facilities full length of project within the right of way. Bellsouth will research the area to determine if they have any existing easements.

Georgia Power - Existing facilities along both Parker and Flat Shoals within the right of way.

The Department requires that all utility submissions be coordinated with the District 7 Utility Engineer.

7. It was noted that the limitation on beginning new construction on projects in the current TIP may be changing. If NEPA approval is received by August of 1997 then the Right of Way and Construction Authorization may be able to follow some time later. This is apparently a new ruling and needs to be confirmed. In order to achieve NEPA authorization, the NEPA document must address how the project conforms with the ARC's congestion mitigation plan.

8. Greenhorne & O'Mara will prepare the Concept Meeting Minutes for review with Urban Design before incorporating with the Concept Report. Comments from this meeting will be incorporated into the Concept Report and resubmitted to Urban Design for a final review within two weeks.

MONTH: MAY 1994

URBAN

REVISION REQUEST
for the
LONG RANGE PROGRAM

Authorization is requested to proceed with development of a project concept on the following project:

Action Requested: CHANGE IN DESCRIPTION AND COST ESTIMATE

PROJECT DATA

County	Project No. / P.I. No.	Type Work
ROCKDALE	STP-9349(4) / 752380	RECST. OR REHAB. WIDENING

Description: PARKER RD/CR 92 FM FLAT SHOALS RD TO CULPEPPER DR/CS 651

Project Length = 0.30 Miles

FUNDING INFORMATION

Estimated Cost ($1,000's)		DOT Share	Other Share	Fiscal Year	Cong. District	Field District
PE	$0			LOCL		
ROW	$0			LOCL	4	7
CONST	$200	$160	$40	LR		

Fund 1 = 33D
Fund 2 = 33C

REASON FOR REVISION:

Requested by the State Highway Engineer
This project is shortened by 0.77 mile as requested by the County in a revision to their 1% sales tax program.

RECOMMENDED _____
DIRECTOR, DIVISION OF PLANNING AND PROGRAMMING

APPROVED _____
COMMISSIONER

ROCKDALE COUNTY
PROJECTS IN THE CONSTRUCTION WORK PROGRAM

COST IN 1,000's

REF. NO.	PROJECT NAME AND DESCRIPTION	GDOT PROJ.NO. GDOT P.I.NO.	PHASE	TOTAL COST	COUNTY SHARE	GDOT SHARE	COMMENTS
18C	PARKER ROAD: 2 LANE RECONSTRUCTION FROM FLATSHOALS TO CULPEPPER DRIVE/CS 651 LENGTH = 0.3 MILES	STP-9349(4) 752380	ENGR.	( )	( )	0	
			ROW	( )	( )	0	
			UTIL.	( )	( )	0	
			CONST	200	40	160	
22A2	SIGMAN ROAD FROM I-20 TO IRVIN BRIDGE 4 LANE URBAN PARKWAY	STP-9335(1) 752190	ENGR.	( )	( )	0	
			ROW	( )	( )	0	
			UTIL.	( )	( )	0	
			CONST	5,221	1,044	4,177	
22B2	SIGMAN ROAD/SR 20 FROM IRVIN BRIDGE TO SR 138 4 LANES RURAL PARKWAY	STP-9335(2) 752200	ENGR.	( )	( )	0	S.R. 20: ML 7.98-9.33
			ROW	( )	( )	0	
			UTIL.	( )	( )	0	
			CONST	5,170	982	4,188	
27A	FLAT SHOALS ROAD: WIDEN TO 4 LANES URBAN FROM SALEM ROAD TO SR 20	STP-9350(2) 752360	ENGR.	( )	( )	0	
			ROW	( )	( )	0	
			UTIL.	( )	( )	0	
			CONST	4,337	867	3,470	
37	HURST ROAD: BRIDGE OVER HONEY CREEK STR. ID. # 247-0018-0 SUFF. RTG. = 25.3	BRMLB-9338(4) 752400	ENGR.	( )	( )	0	
			ROW	( )	( )	0	
			UTIL.	( )	( )	0	
			CONST	557	264	293	
60	SPINE ROAD PARKWAY/CR 1095 FM SR 138 TO W. OF BIG HAYNES CK 2.7 MILES	PRP-1095-1(247) 762350	ENGR.	( )	( )	0	
			ROW	( )	( )	0	
			UTIL.	( )	( )	0	
			CONST	6,500	0	6,500	
TYPE TOTALS:				31,501	8,001	23,500	

***** ( ) = COST EXPECTED BUT AS YET UNKNOWN *****

ROCKDALE COUNTY
PROJECTS IN THE CONSTRUCTION WORK PROGRAM

COST IN 1,000'S

REF. NO.	PROJECT NAME AND DESCRIPTION	GDOT PROJ.NO. GDOT P.I.NO.	PHASE	TOTAL COST	COUNTY SHARE	GDOT SHARE	COMMENTS
4	SMYRNA ROAD FROM IRIS DRIVE TO EBENEZER URBAN RECONSTRUCTION WITH INTERSECTION IMPROVEMENTS & TURN LANES WHERE APPROPRIATE	STP-9355(2) 752340	ENGR.	( )	( )	0	
			ROW	( )	( )	0	
			UTIL.	( )	( )	0	
			CONST	1,318	688	630	
5	EBENEZER ROAD FROM SMYRNA TO STANTON RD. RURAL RECONSTRUCT. WITH INTERSECTION IMPROVEMENTS & TURN LANES WHERE APPROPRIATE	STP-9355(3) 752330	ENGR.	( )	( )	0	
			ROW	( )	( )	0	
			UTIL.	( )	( )	0	
			CONST	1,835	948	887	
6	STANTON RD. FROM EBENEZER RD. TO HONEY CREEK RD. RURAL RECONSTRUCT. WITH INTERSECTION IMPROVEMENTS & TURN LANES	STP-2173(1) 742820	ENGR.	( )	( )	0	
			ROW	( )	( )	0	
			UTIL.	( )	( )	0	
			CONST	2,667	1,519	1,148	
7	JOHNSON ROAD: INTERSECTION IMPROVEMENTS AT EBENEZER ROAD LENGTH = 0.20 MILE	STP-9355(1) 752350	ENGR.	( )	( )	0	
			ROW	( )	( )	0	
			UTIL.	( )	( )	0	
			CONST	205	115	90	
8	FLAT SHOALS ROAD: INTERSECTION IMPROVEMENTS AT OLD SELEM ROAD LENGTH = 0.20 MILE	STP-9350(1) 752280	ENGR.	( )	( )	0	
			ROW	( )	( )	0	
			UTIL.	( )	( )	0	
			CONST	506	0	506	
9	PLEASANT HILL ROAD INTERSECTION IMPROVEMENTS AT SR 20 LENGTH = 0.57 MILE	STP-2584(7) 742810	ENGR.	( )	( )	0	
			ROW	( )	( )	0	
			UTIL.	( )	( )	0	
			CONST	401	0	401	
12	SMYRNA ROAD AT KLONDIKE ROAD INTERSECTION IMPROVEMENTS LENGTH = 0.20 MILE	STP-9338(3) 752410	ENGR.	( )	( )	0	
			ROW	( )	( )	0	
			UTIL.	( )	( )	0	
			CONST	215	125	90	
13	FARMER ROAD AT SIGMAN ROAD INTERSECTION IMPROVEMENTS LENGTH = 0.20 MILE	STP-9335(4) 752440	ENGR.	( )	( )	0	
			ROW	( )	( )	0	
			UTIL.	( )	( )	0	
			CONST	392	212	180	
17	KLONDIKE RD. WIDEN 2 TO 3 LANES URBAN: JOHNSON SPUR TO SMYRNA RD.	STP-9338(5) 752390	ENGR.	( )	( )	0	
			ROW	( )	( )	0	
			UTIL.	( )	( )	0	
			CONST	1,977	1,197	780	

***** ( ) = COST EXPECTED BUT AS YET UNKNOWN *****