

ORIGINAL TO GENERAL FILES

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**INTERDEPARTMENT CORRESPONDENCE**

**FILE** P. I. No. 0004433, Rockdale County **OFFICE** Preconstruction  
MSL00-0004-00(433)  
Parker Road from Millers Chapel Road to **DATE** June 12, 2008  
Flat Shoals Road Phase 3-GRTA

**FROM**  Genetha Rice-Singleton, Assistant Director of Preconstruction

**TO**  SEE DISTRIBUTION

**SUBJECT APPROVED NOTICE OF LOCATION AND DESIGN**

Attached is the approved Location and Design Report for the above subject project.

Also attached is the Notice of Location and Design Approval. This is the Authorization for the District to proceed with advertisement

Attachment

**DISTRIBUTION:**

Brian Summers  
Harvey Keeper  
Ken Thompson  
Michael Henry  
Keith Golden  
Angela Alexander  
Paul Liles  
Ben Buchan  
Bryant Poole  
BOARD MEMBER

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**  
**INTERDEPARTMENTAL CORRESPONDENCE**

**FILE** MSL00-0004-00(433) Rockdale County  
Parker Road from Millers Chapel Road to  
Flat Shoals Road Phase 3 - GRTA  
P.I. No. 0004433  
*James B. Buchan*  
**FROM** James B. Buchan, P.E., State Urban Design Engineer

**OFFICE** Urban Design  
**DATE** June 4, 2008

**TO** Genetha Rice-Singleton, Assistant Preconstruction Director

**SUBJECT Request for Location and Design Approval**

Project MSL00-0004-00(433) is the third of three phases of an overall project to connect the City of Conyers to SR 20 and SR 138 via the Parker Road Bridge over I-20. Parker Road Phase III is programmed as a four-lane roadway in the Mobility 2030 Regional Transportation Plan (RTP) and the 2005-10 Transportation Improvement Program (TIP). This project will provide improved access to both SR 138 and SR 20.

The proposed Parker Road consists of four, 12-foot lanes separated with a 20-foot raised median. The east side of Parker Road has a 16-foot urban shoulder with a 5-foot wide sidewalk. The west side of Parker Road has a 26-foot urban shoulder with a 10-foot sidewalk. Parker Road has pedestrian lighting and landscaping/street trees on the shoulders and raised median.

The proposed Miller's Chapel Road consists of two, 15-foot lanes separated with a 20-foot raised median. The east side of Miller's Chapel Road has a 16-foot urban shoulder with a 5-foot wide sidewalk. The west side of Miller's Chapel Road has a 21-foot urban shoulder with a 10-foot sidewalk. Miller's Chapel Road has pedestrian lighting and landscaping/street trees on the shoulders and raised median. Two roundabouts, one located at approximately 570-feet north of SR 20 and the other 1,260-feet south of SR 138, consisting of 65-foot outside radius, one 20-foot lane and 8-foot concrete apron and curb on the inside and outside urban shoulder to match proposed mainline typical section.

The total construction length of this project is 1.52 miles. For construction, approximately 6.5 acres of right of way shall be acquired. This project is programmed as 2008 Right of Way and 2009 Construction

**Concept Approval Date:** June 26, 2006

**Concept Update:** N/A

**Environmental Assessment and Reassessment Approval Date:** EA/FONSI was approved on April 25, 2008

**Public Involvement:**

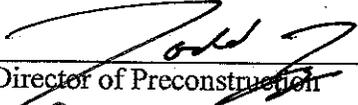
- Public Information Meeting
  - A PHOH was held September 27, 2007
  - 14 people attended, a total of 1 comment was left.
  - 1 was in support
  - Citizens attending said they liked the project, that sidewalks would be nice, and that the project should be constructed soon. The comment left expressed concerns about the need, design, and funding for the Millers Chapel Road section.

**Consistency with Approved Planning:**

The design description as presented herein and submitted for approval is consistent with the approved Concept Report and the ARC TIP.

**Recommendations:** Urban Design recommends that the location and design for the project be approved and that the attached Notice be approved for advertising.

RECOMMENDED:

  
Director of Preconstruction

APPROVED:

  
Chief Engineer

6/5/08  
Date of Approval

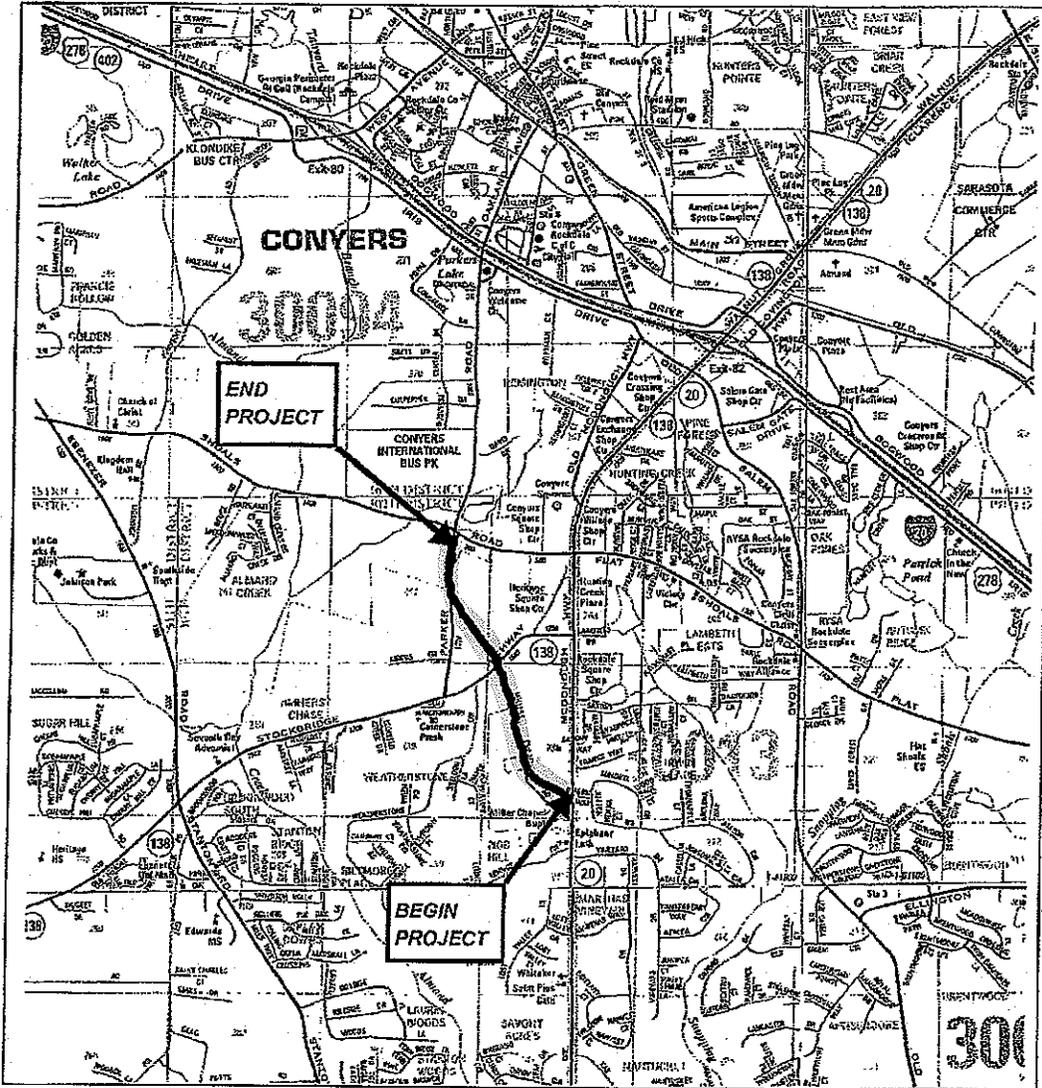
JBB:WNO

**Attachments:**

Location Sketch Map  
Cost Estimate  
Notice of Location and Design Approval

State of Georgia  
Department Of Transportation

Project Number: MSL-0004-00(433)  
P.I Number: 0004433  
County: Rockdale



**Location Map**

Project: MSL-0004-00(433) Rockdale County PI No.: 0004433

**NOTICE OF LOCATION AND DESIGN APPROVAL**

**MSL00-0004-00(433) ROCKDALE COUNTY**

**P.I. No. 0004433**

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 the above project.

Date of Location and Design Approval: JUNE 12, 2008

Project MSL00-0004-00(433) is the third of three phases of an overall project to connect the City of Conyers to SR 20 and SR 138 via the Parker Road Bridge over I-20. Parker Road Phase III is programmed as a four-lane roadway in the Mobility 2030 Regional Transportation Plan (RTP) and the 2005-10 Transportation Improvement Program (TIP). This project will provide improved access to both SR 138 and SR 20.

The proposed Parker Road consists of four, 12-foot lanes separated with a 20-foot raised median. The east side of Parker Road has a 16-foot urban shoulder with a 5-foot wide sidewalk. The west side of Parker Road has a 26-foot urban shoulder with a 10-foot sidewalk. Parker Road has pedestrian lighting and landscaping/street trees on the shoulders and raised median.

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The total construction length of this project is 1.52 miles.

The project is located 100% within the 4<sup>th</sup> U.S. Congressional District of the State of Georgia, Rockdale County Land District 10, Land Lots 211, 238, 239, 242, and 243, and Georgia Militia District 476

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:

**Thomas Parker, District 7, Area 1 Engineer**  
**Department of Transportation**  
**805 George Luther Drive**  
**Decatur, GA 30032**  
**(404) 299-4386**  
**[thom.parker@dot.state.ga.us](mailto:thom.parker@dot.state.ga.us)**

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:

**James B. Buchan, P.E., Office of Urban Design**  
**Department of Transportation**  
**No. 2 Capitol Square**  
**Atlanta, GA 30334**  
**(404) 656-5442**  
**[Ben.Buchan@dot.state.ga.us](mailto:Ben.Buchan@dot.state.ga.us)**

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.

6/4/2008

SUMMARY

Date: 6/4/2008  
 Project # MSL-0004-00(433)  
 County: Rockdale  
 Project Description: Parker Road Phase 3  
 PI # 0004433  
 Alternate:  
 Estimate For - L&D

Estimate  
 5,339,710  
 266,985  
 336,402

COMMENTS  
 SEE ATTACHED CONSTRUCTION COST ESTIMATE  
 RECONSTRUCTION WITH ADDED CAPACITY

CONSTRUCTION COST  
 ENGINEERING & INSPECTION (5%) ✓  
 CONSTRUCTION CONTINGENCY (6%) ✓

TOTAL CONST. COST. - \$ 5,943,097 ✓  
 R/W - 1,957,145 (LOCAL)  
 REIMB VALUUES - 450,000 (LOCAL)  
 TOTAL PROJECT COST - \$ 8,350,242 ✓

Hand  
 6/9/2008

## Estimate Report for file "0004433"

### Section ROADWAY

Item Number	Quantity	Units	Unit Price	Item Description	Cost
150-1000	1	LS	466000.00	TRAFFIC CONTROL	466000.00
153-1300	1	EA	8000.00	FIELD ENGINEERS OFFICE TP-3	8000.00
210-0100	1	LS	467000.00	GRADING COMPLETE	467000.00
310-1101	29600	TN	22.01	GR AGGR BASE CRS, INCL MATL	651496.00
318-3000	200	TN	24.12	AGGR SURF CRS	4824.00
402-1812	210	TN	69.37	RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME	14567.70
402-3113	4180	TN	70.07	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	292892.60
402-3121	7690	TN	63.93	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	491621.70
402-3190	5570	TN	63.63	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	354419.10
413-1000	5060	GL	1.94	BITUM JACK COAT	9816.40
432-5010	50	SY	1.93	MILL ASPH CONC PVMT, VARIABLE DEPTH	96.50
446-2118	100	LF	5.00	HIGH STRENGTH PVMT REINF FABRIC, 18 IN WIDTH	500.00
634-1200	98	EA	102.35	RIGHT OF WAY MARKERS	10030.30
<b>Section Sub Total:</b>					<b>\$2,771,264.30</b>

### Section CONCRETE

Item Number	Quantity	Units	Unit Price	Item Description	Cost
441-0014	770	SY	38.51	DRIVEWAY CONCRETE, 4 IN TK	29652.70
441-0104	11970	SY	34.31	CONC SIDEWALK, 4 IN	410690.70
441-0740	8810	SY	31.91	CONCRETE MEDIAN, 4 IN	281127.10
441-0748	680	SY	55.26	CONCRETE MEDIAN, 6 IN	37576.80
441-4020	950	SY	42.55	CONC VALLEY GUTTER, 6 IN	40422.50
441-6012	27770	LF	30.94	CONC CURB & GUTTER, 6 IN X 24 IN, TP 2	859203.80
500-3200	60	CY	407.75	CLASS B CONCRETE	24465.00
<b>Section Sub Total:</b>					<b>\$1,683,138.60</b>

### Section DRAINAGE

Item Number	Quantity	Units	Unit Price	Item Description	Cost
550-1180	4500	LF	45.76	STORM DRAIN PIPE, 18 IN, H 1-10	205920.00
550-1240	590	LF	51.40	STORM DRAIN PIPE, 24 IN, H 1-10	30326.00
550-2180	250	LF	30.33	SIDE DRAIN PIPE, 18 IN, H 1-10	7582.50
550-3318	7	EA	586.23	SAFETY END SECTION 18 IN, STORM DRAIN, 4-1 SLOPE	4103.61
550-3324	4	EA	959.27	SAFETY END SECTION 24 IN, STORM DRAIN, 4-1 SLOPE	3837.08
550-4118	16	EA	413.38	FLARED END SECTION 18 IN, SIDE DRAIN	6614.08
603-2024	50	SY	53.68	STN DUMPED RIP RAP, TP-1, 24 IN	2684.00
603-7000	50	SY	5.16	PLASTIC FILTER FABRIC	258.00
668-1100	55	EA	2833.12	CATCH BASIN, GP 1	155821.60
668-1110	15	LF	297.93	CATCH BASIN, GP 1, ADDL DEPTH	4468.95
668-2100	8	EA	3118.14	DROP INLET, GP 1	24945.12
668-4300	10	EA	2586.45	STORM SEWER MANHOLE, TP 1	25864.50

Section Sub Total: \$472,425.44

**Section SIGNING & MARKING**

Item Number	Quantity	Units	Unit Price	Item Description	Cost
636-1032	400	SF	20.80	HIGHWAY SIGNS, TP 2 MATL, REFL SHEETING TP 6	8320.00
636-2070	900	LF	8.07	GALV STEEL POSTS, TP 7	7263.00
653-0110	8	EA	58.96	THERMOPLASTIC PVMT MARKING, ARROW, TP 1	471.68
653-0120	30	EA	73.82	THERMOPLASTIC PVMT MARKING, ARROW, TP 2	2214.60
653-0130	5	EA	120.50	THERMOPLASTIC PVMT MARKING, ARROW, TP 3	602.50
653-0160	12	EA	139.38	THERMOPLASTIC PVMT MARKING, ARROW, TP 6	1672.56
653-0170	3	EA	85.04	THERMOPLASTIC PVMT MARKING, ARROW, TP 7	255.12
653-1501	3800	LF	0.62	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	2356.00
653-1502	7500	LF	0.60	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	4500.00
653-1704	300	LF	4.12	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	1236.00
653-1804	5100	LF	2.13	THERMOPLASTIC SOLID TRAF STRIPE, 8 IN, WHITE	10863.00
653-3501	10300	GLF	0.56	THERMOPLASTIC SKIP TRAF STRIPE, 5 IN, WHITE	5768.00
653-6004	1700	SY	2.93	THERMOPLASTIC TRAF STRIPING, WHITE	4981.00
653-6005	100	SY	2.96	THERMOPLASTIC TRAF STRIPING, YELLOW	296.00
654-1001	100	EA	3.10	RAISED PVMT MARKERS TP 1	310.00
654-1003	300	EA	3.76	RAISED PVMT MARKERS TP 3	1128.00
XXX	5	EA	3.00	PAVEMENT MARKING ARROW, TP 3	15.00

Section Sub Total: \$52,252.46

**Section EROSION CONTROL**

Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0240	20	TN	174.44	MULCH	3488.80
163-0300	15	EA	1721.91	CONSTRUCTION EXIT	25828.65
163-0503	15	EA	540.39	CONSTRUCT AND REMOVE SILT CONTROL GATE, TP 3	8105.85
163-0520	280	LF	17.34	CONSTRUCT AND REMOVE TEMPORARY PIPE SLOPE DRAIN	4855.20
163-0522	40	EA	89.74	CONSTRUCT AND REMOVE TEMPORARY DITCH CHECKS - TYPE A SILT FENCE	3549.60
163-0550	70	EA	286.25	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	20037.50
165-0010	5300	LF	0.81	MAINTENANCE OF TEMPORARY SILT FENCE, TP A	4293.00
165-0040	40	EA	64.93	MAINTENANCE OF EROSION CONTROL CHECKDAMS/DITCH CHECKS	2597.20
165-0087	15	EA	152.54	MAINTENANCE OF SILT CONTROL GATE, TP 3	2288.10
165-0101	15	EA	563.73	MAINTENANCE OF CONSTRUCTION EXIT	8455.95
165-0105	70	EA	94.08	MAINTENANCE OF INLET SEDIMENT TRAP	6585.60
171-0010	10600	LF	1.77	TEMPORARY SILT FENCE, TYPE A	18762.00
700-6910	10	AC	1084.13	PERMANENT GRASSING	10841.30
700-7000	22	TN	60.72	AGRICULTURAL LIME	1335.84
700-7010	18	GL	21.59	LIQUID LIME	388.62

700-8000	6	TN	296.4267	FERTILIZER MIXED GRADE	1778.64
700-8100	350	N	2.49	FERTILIZER NITROGEN CONTENT	871.50
746-2000	2800	SY	1.20	EROSION CONTROL MATS - SLOPES	3360.00
<b>Section Sub Total:</b>					<b>\$127,423.35</b>

Section TRAFFIC SIGNALIZATION					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
636-1029	140	SF	16.58	HIGHWAY SIGNS - 12" MAIL REF SHEETING, 4HP, 3	2321.20
639-2002	1200	LF	3.38	STEEL WIRE STRAND GARDEN 3/8 IN	4056.00
639-2004	8	EA	10853.79	STEEL STRAIN POLE TRAVEL	86829.50
642-1000	2	LS	40000.00	TRAFFIC SIGNAL INSTALLATION NO	80000.00
<b>Section Sub Total:</b>					<b>\$233,206.80</b>

<b>Total Estimated Cost:</b>		<b>\$5,339,710.95</b>
<b>Subtotal Construction Cost: \$5,339,710.95</b>		
E&C Rate 0.0%		\$0.00
Inflation Rate 0.0% @ 0 Years		\$0.00
<b>Total Construction Cost:</b>		<b>\$5,339,710.95</b>
Right of Way	\$1,957,145.00	
Reimb. Utilities	\$150,000.00	
		<b>→ USE \$ 5,340,000</b>