

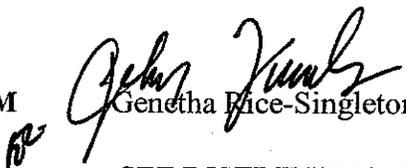
ORIGINAL TO GENERAL FILES

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE P. I. No. 0001917, Douglas County **OFFICE** Preconstruction
NHS-0001-00(917)
Lee Road @ I-20 Interchange

DATE July 29, 2008

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 Keepler
Ken Thompson
Michael Henry
Keith Golden
Angela Alexander
Paul Liles
Bryant Poole
Mike Lobdell
BOARD MEMBER

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE *NHS-0001-00(917), Douglas County* OFFICE *District 7*
P.I. No. 0001917 DATE *June 6, 2008*

FROM: *BRP* *Bryant Poole, District Engineer*

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

SUBJECT *Request for Location and Design Approval*

Description and Project Proposal: *The proposed project would widen Lee Road from a two-lane to a four-lane divided highway with a 20-foot raised median from approximately 1,300 feet south of I-20 (the northern terminus of Project MSL-0004-00(428)) to Vulcan Drive (the southern terminus of Project MSL-0004-00(427)). The total project length is 0.713 miles. The beginning mile log is 2.72 and the ending mile log is 3.25. The project would also include a widening and improvement of the full-diamond interchange ramps with I-20 and the construction of a connector road between Sweetwater Industrial Blvd. and the intersection of Lee Road with Vulcan Drive. Signal upgrades will be installed at the ramp terminals with Lee Road and a new signal will be installed at Lee Road and Vulcan Drive. The project would also include an 8-foot multi-use path on the east side of Lee Road and a 5-foot sidewalk on the west side of Lee Road.*

Concept Approval Date: *The original concept report date was October 4, 2006.*

Concept Update: *There have been no updates to the concept report.*

Environmental Assessment and Reassessment Approval Date: *The NEPA document was approved on April 16, 2008.*

Public Involvement

One Public Information Open House (PIOH) was conducted by GDOT for the selected alternative in conjunction with MSL-0004-00(427), P.I. Number 0004427, on January 13, 2005. Approximately 348 people attended and a total of 69 written and 21 verbal comments were received at the meeting. An additional nine comments were received during the day comment period for a total of 99 comments. Of those commenting, 38 were in complete support of the project, 18 were opposed to the project, 20 were uncommitted and 23 offered conditional support. GDOT responded to the comments in letters dated June 7, 2005. The major concern expressed during this PIOH was related to the proposed use of a raised median. Raised medians with

properly located openings have proven to be one of the most important features in providing a safe and efficient roadway and particularly beneficial in high traffic volumes such as those projected for Lee Road. According to GDOT guidelines, this project requires a raised median based on the projected traffic volumes.

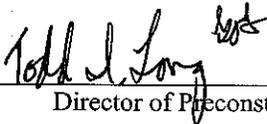
One Public Hearing Open House (PHOH) was conducted by GDOT for the selected alternative on February 12, 2008. One hundred forty-nine (149) people attended and 13 written and nine verbal comments were received at the meeting. An additional eight comments were received during the ten day comment period for a total of 30 comments from 26 individuals. Of those commenting, seven were in complete support of the project, eight were opposed to the project, three were uncommitted and nine offered conditional support. GDOT responded to the comments in letters sent in early March 2008. The major concerns expressed during this PHOH were the effect of right-of-way acquisitions on homes and businesses, driveway access and the desire to have more or relocated median breaks, and the possible ill effects of the roadway project on travel speeds on Lee Road.

Consistency with Approved Planning:

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

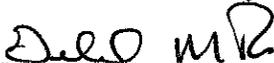
Recommendations: *Recommend that the location and design for the project be approved and that the attached Notice be approved for advertising.*

RECOMMEND:



Director of Preconstruction

APPROVE:



Chief Engineer

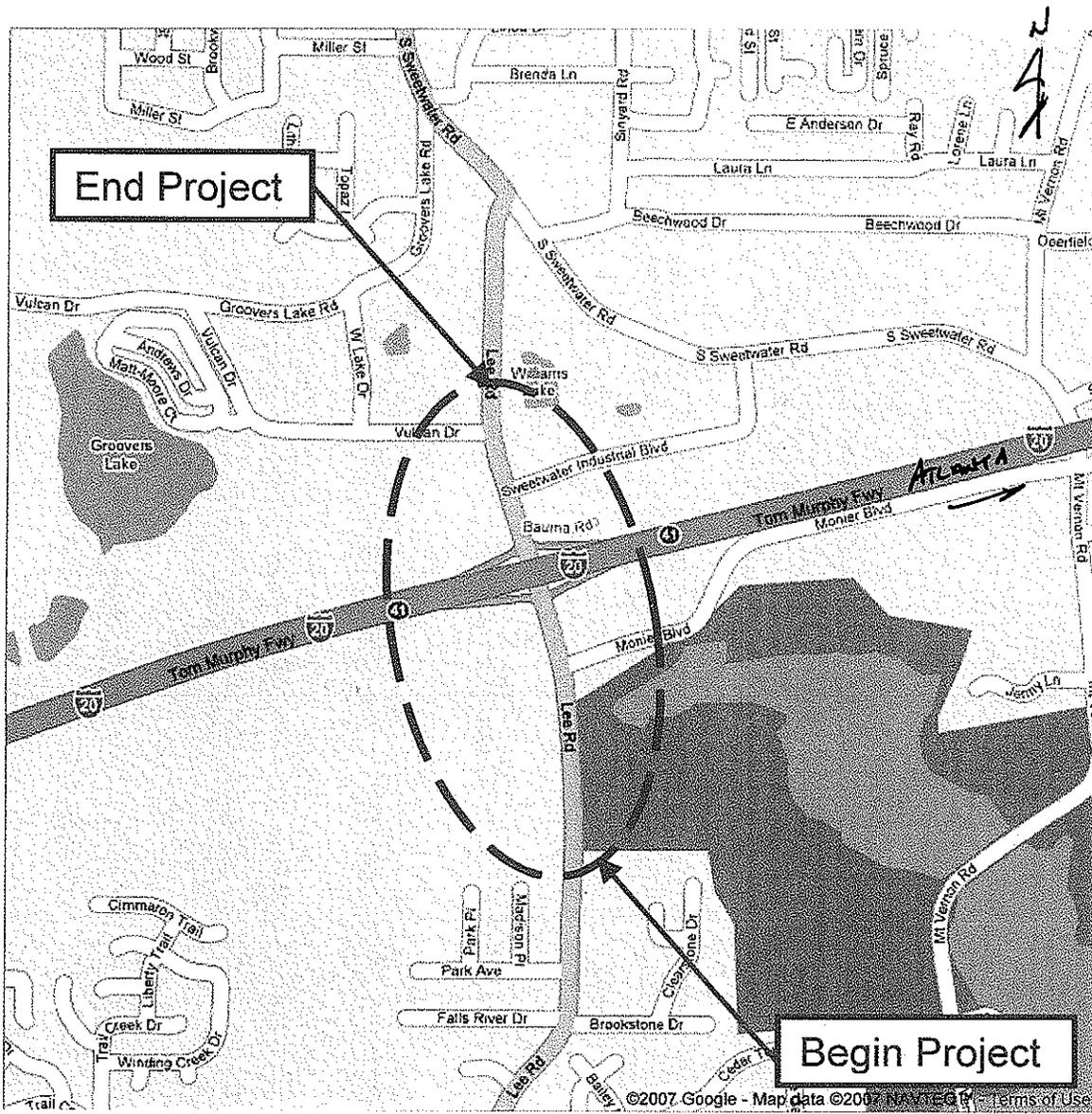
7/29/08

Date of Approval

Attachments:

- Sketch Map
- Cost Estimate
- Notice of Location and Design Approval

LOCATION MAP
NHS00-0001-00 (917), DOUGLAS COUNTY
P. I. NO. 0001917
LEE ROAD @ I-20 INTERCHANGE



NOTICE OF LOCATION AND DESIGN APPROVAL

***NHS-0001-00(917), Douglas County
P. I. 0001917***

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: **JULY 29, 2008**

The proposed project would widen Lee road from a two-lane to a four-lane divided highway with a 20-foot raised median from approximately 1,300 feet south of I-20 (the northern terminus of Project MSL-0004-00(428)) to Vulcan Drive (the southern terminus of Project MSL-0004-00(427)). The project would also include a widening and improvement of the full-diamond interchange ramps with I-20 and the construction of a connector road between Sweetwater Industrial Blvd. and the intersection of Lee Road with Vulcan Drive. Signal upgrades will be installed at the ramp terminals with Lee Road and a new signal will be installed at Lee Road and Vulcan Drive. The project would also include an 8-foot multi-use path on the east side of Lee Road and a 5-foot sidewalk on the west side of Lee Road.

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:

Ernay Robinson
Georgia Department of Transportation
District 7 Area 3 Engineer
4125 Roosevelt Highway
College Park, Ga. 30349
Telephone (404) 559-6699

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:

Mike Lobdell
District Preconstruction Engineer
Georgia Department of Transportation
District 7 Office
5025 New Peachtree Road
Chamblee, Georgia 30341
Telephone (770) 986-1257

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.

NHS-0001-00(917)

PI 0001917

Section BRIDGE CULVERTS

Item Number	Quantity	Units	Unit Price	Item Description	Cost
500-3101	2500	CY	377.57	CLASS A CONCRETE	943925.00
511-1000	263600	LB	0.86	BAR REINF STEEL	226696.00
610-9008	1	LS	10000.00	REM PORTIONS OF EXISTING CLVT, INCL WINGWALLS & PARAPETS, STA -	10000.00
Section Sub Total:					\$1,180,621.00

Section SIGNING ITEMS

Item Number	Quantity	Units	Unit Price	Item Description	Cost
636-1020	365	SF	15.16	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 3	5533.40
636-1029	1213	SF	16.66	HIGHWAY SIGNS, TP 2 MATL, REFL SHEETING, TP 3	20208.58
636-1033	105	SF	19.80	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 9	2079.00
636-1041	164	SF	44.93	HIGHWAY SIGNS, TP 2 MATL, REFL SHEETING, TP 9	7368.52
636-2070	1422	LF	8.59	GALV STEEL POSTS, TP 7	12214.98
636-2080	52	LF	8.82	GALV STEEL POSTS, TP 8	458.64
636-2090	131	LF	9.15	GALV STEEL POSTS, TP 9	1198.65
Section Sub Total:					\$49,061.77

Section Pavement Markings

Item Number	Quantity	Units	Unit Price	Item Description	Cost
653-0120	11	EA	73.71	THERMOPLASTIC PVMT MARKING, ARROW, TP 2	810.81
653-0170	3	EA	88.72	THERMOPLASTIC PVMT MARKING, ARROW, TP 7	266.16
653-0210	3	EA	112.87	THERMOPLASTIC PVMT MARKING, WORD, TP 1	338.61
653-1501	5300	LF	0.43	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	2279.00
653-1810	6577	LF	0.75	THERMOPLASTIC SOLID TRAF STRIPE, 10 IN, WHITE	4932.75
653-2810	1	LM	5280.00	THERMOPLASTIC SOLID TRAF STRIPE, 10 IN, WHITE	5280.00
653-3501	400	GLF	0.48	THERMOPLASTIC SKIP TRAF STRIPE, 5 IN, WHITE	192.00
653-6004	8600	SY	3.03	THERMOPLASTIC TRAF STRIPING, WHITE	26058.00
653-6004	10582	SY	3.05	THERMOPLASTIC TRAF STRIPING, WHITE	32275.10
653-6006	581	SY	2.92	THERMOPLASTIC TRAF STRIPING, YELLOW	1696.52
654-1001	1000	EA	3.08	RAISED PVMT MARKERS TP 1	3080.00
654-1003	600	EA	3.72	RAISED PVMT MARKERS TP 3	2232.00
655-7000	5	EA	800.00	PAVEMENT ARROW, PREFORMED PLASTIC WITH RAISED REFLECTORS	4000.00
657-1054	30300	LF	4.74	PREFORMED PLASTIC SOLID PVMT MKG, 5 IN, WHITE, TP PB	143622.00
657-1085	3100	LF	5.58	PREFORMED PLASTIC SOLID PVMT MKG, 8 IN, CONTRAST (BLACK-WHITE),	17298.00

				TP PB	
657-1104	1100	LF	6.98	PREFORMED PLASTIC SOLID PVMT MKG, 10 IN, WHITE, TP PB	7678.00
657-1244	500	LF	17.09	PREFORMED PLASTIC SOLID PVMT MKG, 24 IN, WHITE, TP PB	8545.00
657-3054	8880	GLF	2.56	PREFORMED PLASTIC SKIP PVMT MKG, 5 IN, WHITE, TP PB	22732.80
657-5001	2010	SY	20.49	PREFORMED PLASTIC PAVEMENT MARKING, WHITE, TP PB	41184.90
657-5002	600	SY	18.98	PREFORMED PLASTIC PAVEMENT MARKING, YELLOW, TP PB	11388.00
657-5003	38	EA	560.04	PREFORMED PLASTIC PAVEMENT MARKING, WORD TP 1, TP PB	21281.52
657-5016	2	EA	530.00	PREFORMED PLASTIC PVMT MKG, WORDS AND/OR SYM, ARROW TP 1, WHITE, TP PB	1060.00
657-5017	46	EA	564.79	PREFORMED PLASTIC PVMT MKG, WORDS AND/OR SYM, ARROW TP 2, WHITE, TP PB	25980.34
657-6054	11400	LF	4.80	PREFORMED PLASTIC SOLID PVMT MKG, 5 IN, YELLOW, TP PB	54720.00
Section Sub Total:					\$438,931.51

Section Drainage Items

Item Number	Quantity	Units	Unit Price	Item Description	Cost
207-0203	1000	CY	50.01	FOUND BKFILL MATL, TP II	50010.00
550-1180	4032	LF	40.19	STORM DRAIN PIPE, 18 IN, H 1-10	162046.08
550-1240	1226	LF	46.13	STORM DRAIN PIPE, 24 IN, H 1-10	56555.38
550-1300	744	LF	64.57	STORM DRAIN PIPE, 30 IN, H 1-10	48040.08
550-1420	136	LF	102.43	STORM DRAIN PIPE, 42 IN, H 1-10	13930.48
550-3324	1	EA	1024.63	SAFETY END SECTION 24 IN, STORM DRAIN, 4:1 SLOPE	1024.63
550-3330	2	EA	1537.09	SAFETY END SECTION 30 IN, STORM DRAIN, 4:1 SLOPE	3074.18
550-3342	1	EA	2399.01	SAFETY END SECTION 42 IN, STORM DRAIN, 4:1 SLOPE	2399.01
550-4118	4	EA	417.51	FLARED END SECTION 18 IN, SIDE DRAIN	1670.04
550-4124	2	EA	434.69	FLARED END SECTION 24 IN, SIDE DRAIN	869.38
550-4130	3	EA	721.73	FLARED END SECTION 30 IN, SIDE DRAIN	2165.19
550-4142	2	EA	1584.85	FLARED END SECTION 42 IN, SIDE DRAIN	3169.70
576-1010	1300	LF	38.70	SLOPE DRAIN PIPE, 10 IN	50310.00
577-1100	35	EA	1882.31	METAL DRAIN INLET - COMPLETE ASSEMBLY	65880.85
668-1100	37	EA	2552.53	CATCH BASIN, GP 1	94443.61
668-1110	25	LF	297.51	CATCH BASIN, GP 1, ADDL DEPTH	7437.75
668-2100	14	EA	2402.61	DROP INLET, GP 1	33636.54
668-2110	15	LF	334.44	DROP INLET, GP 1, ADDL DEPTH	5016.60
668-4300	2	EA	2355.73	STORM SEWER MANHOLE, TP 1	4711.46
668-4311	1	LF	321.60	STORM SEWER MANHOLE, TP 1, ADDL DEPTH, CL 1	321.60
Section Sub Total:					\$606,712.56

Section TEMPORARY EROSION CONTROL ITEMS

Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0232	11	AC	728.93	TEMPORARY GRASSING	8018.23
163-0240	320	TN	181.22	MULCH	57990.40
163-0300	3	EA	1807.17	CONSTRUCTION EXIT	5421.51

163-0503	6	EA	532.21	CONSTRUCT AND REMOVE SILT CONTROL GATE, TP 3	3193.26
163-0520	2000	LF	16.64	CONSTRUCT AND REMOVE TEMPORARY PIPE SLOPE DRAIN	33280.00
163-0523	207	EA	151.01	CONSTRUCT AND REMOVE TEMPORARY DITCH CHECKS - TYPE C SILT FENCE	31259.07
163-0530	5000	LF	4.07	CONSTRUCT AND REMOVE BALED STRAW EROSION CHECK	20350.00
163-0550	44	EA	230.68	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	10149.92
165-0010	2000	LF	0.69	MAINTENANCE OF TEMPORARY SILT FENCE, TP A	1380.00
165-0030	6000	LF	1.29	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	7740.00
165-0050	250	LF	1.20	MAINTENANCE OF SILT RETENTION BARRIER	300.00
165-0070	2500	LF	1.74	MAINTENANCE OF BALED STRAW EROSION CHECK	4350.00
165-0087	6	EA	136.80	MAINTENANCE OF SILT CONTROL GATE, TP 3	820.80
165-0101	10	EA	516.98	MAINTENANCE OF CONSTRUCTION EXIT	5169.80
165-0105	22	EA	81.41	MAINTENANCE OF INLET SEDIMENT TRAP	1791.02
167-1000	1	EA	1037.94	WATER QUALITY MONITORING AND SAMPLING	1037.94
170-2000	500	LF	7.37	STAKED SILT RETENTION BARRIER	3685.00
171-0010	4000	LF	1.59	TEMPORARY SILT FENCE, TYPE A	6360.00
171-0030	12000	LF	3.73	TEMPORARY SILT FENCE, TYPE C	44760.00
Section Sub Total:					\$247,056.95

Section SIGNAL ITEMS

Item Number	Quantity	Units	Unit Price	Item Description	Cost
000-0000	3	EA	125000.00	PROPOSED SIGNALS	375000.00
000-0000	1	Lump Sum	150000.00	FIBER OPTIC COMMUNICATIONS	150000.00
000-0000	2	EA	75000.00	TEMPORARY SIGNALS FOR STAGING	150000.00
Section Sub Total:					\$675,000.00

Section Roadway Items

Item Number	Quantity	Units	Unit Price	Item Description	Cost
150-1000	1	LS	1000000.00	TRAFFIC CONTROL - NHS-0001-00(917)	1000000.00
150-5010	10	EA	11891.05	TRAFFIC CONTROL, PORTABLE IMPACT ATTENUATOR	118910.50
153-1300	1	EA	125000.00	FIELD ENGINEERS OFFICE TP 3	125000.00
202-2100	1	LS	220000.00	CLEARING	220000.00
205-0001	127656	CY	10.00	UNCLASS EXCAV	1276560.00
206-0002	162265	CY	15.00	BORROW EXCAV, INCL MATL	2433975.00
310-1101	52000	TN	20.72	GR AGGR BASE CRS, INCL MATL	1077440.00
400-3604	900	TN	101.43	ASPH CONC 12.5 MM SMA, GP 2 ONLY, INCL POLYMER-MODIFIED BITUM MATL & H LIME	91287.00
400-3624	700	TN	80.42	ASPH CONC 12.5 MM PEM, GP 2 ONLY, INCL POLYMER-MODIFIED BITUM MATL & H LIME	56294.00
402-1812	100	TN	67.37	RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME	6737.00
402-3121	11000	TN	62.49	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	687390.00
402-3130	2200	TN	62.64	RECYCLED ASPH CONC 12.5 MM	137808.00

				SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME	
402-3190	10800	TN	60.54	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	653832.00
402-3606	900	TN	100.00	ASPH CONC 19 MM SMA, GP 2 ONLY, INCL POLYMER-MODIFIED BITUM MATL & H LIME	90000.00
413-1000	10000	GL	1.90	BITUM TACK COAT	19000.00
430-0220	49200	SY	58.91	PLAIN PC CONC PVMT, CL 1 CONC, 12 INCH THK	2898372.00
433-1200	650	SY	206.70	REINF CONC APPROACH SLAB, INCL SLOPED EDGE	134355.00
441-0104	3400	SY	33.28	CONC SIDEWALK, 4 IN	113152.00
441-0748	430	SY	59.91	CONCRETE MEDIAN, 6 IN	25761.30
441-0754	3600	SY	55.23	CONCRETE MEDIAN, 7 1/2 IN	198828.00
441-6222	8100	LF	16.86	CONC CURB & GUTTER, 8 IN X 30 IN, TP 2	136566.00
441-6740	4300	LF	14.58	CONC CURB & GUTTER, 8 IN X 30 IN, TP 7	62694.00
456-2012	2	GLM	967.16	INDENTATION RUMBLE STRIPS - GROUND-IN-PLACE (CONTINUOUS)	1934.32
620-0100	8000	LF	34.31	TEMPORARY BARRIER, METHOD NO. 1	274480.00
632-0003	4	EA	13377.76	CHANGEABLE MESSAGE SIGN, PORTABLE, TYPE 3	53511.04
634-1200	99	EA	101.50	RIGHT OF WAY MARKERS	10048.50
641-1100	84	LF	42.44	GUARDRAIL, TP T	3564.96
641-1200	8696	LF	15.44	GUARDRAIL, TP W	134266.24
641-5001	13	EA	619.00	GUARDRAIL ANCHORAGE, TP 1	8047.00
641-5012	12	EA	1838.99	GUARDRAIL ANCHORAGE, TP 12	22067.88
643-4000	8000	LF	4.50	WOVEN WIRE FENCE	36000.00
643-8200	500	LF	2.91	BARRIER FENCE (ORANGE), 4 FT	1455.00
Section Sub Total:					\$12,109,336.74

Section BRIDGE ITEMS

Item Number	Quantity	Units	Unit Price	Item Description	Cost
000-0000	39453	SF	90.00	CONC. BRIDGE OVER I-20	3550770.00
Section Sub Total:					\$3,550,770.00

Section WALL ITEMS

Item Number	Quantity	Units	Unit Price	Item Description	Cost
500-3201	65	CY	559.58	CLASS B CONCRETE, RETAINING WALL	36372.70
621-4020	405	LF	372.11	CONCRETE SIDE BARRIER, TYPE 2	150704.55
Section Sub Total:					\$187,077.25

Section PERMANENT EROSION CONTROL ITEMS

Item Number	Quantity	Units	Unit Price	Item Description	Cost
603-2024	750	SY	52.88	STN DUMPED RIP RAP, TP 1, 24 IN	39660.00
603-7000	750	SY	5.25	PLASTIC FILTER FABRIC	3937.50
700-6910	22	AC	939.80	PERMANENT GRASSING	20675.60
700-7000	100	TN	48.56	AGRICULTURAL LIME	4856.00
700-7010	83	GL	21.12	LIQUID LIME	1752.96
700-8000	16	TN	286.86	FERTILIZER MIXED GRADE	4589.76
700-8100	1650	LB	2.31	FERTILIZER NITROGEN CONTENT	3811.50
716-2000	32230	SY	1.03	EROSION CONTROL MATS, SLOPES	33196.90
Section Sub Total:					\$112,480.22

Total Estimated Cost: \$19,157,048.00

~~Subtotal Construction Cost \$19,157,048.00
E&C Rate 10 % \$1,915,704.80
Inflation Rate 5.0 % @ 2 Years \$2,159,957.16~~

ENGINEERING @ 5% - 957,852
CONTINGENCY @ 8% - 1,609,192

~~Total Construction Cost \$23,232,709.96
Right Of Way \$28,762,299.00
ReImb. Utilities \$350,000.00~~

CONST COST = 21,724,092 ←
RIGHT-OF-WAY - 28,762,299
UTILITIES - 350,000

~~Grand Total Project Cost \$52,345,008.96~~

TOTAL PROJECT COST - \$50,836,391 ←

del
2/23/2008