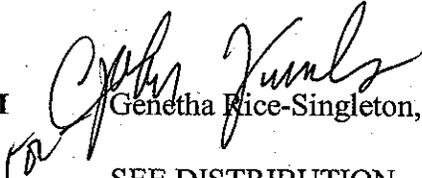


ORIGINAL TO GENERAL FILES

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE P. I. No. 122630-, Elbert County **OFFICE** Preconstruction
MSL-1226-00(300)
SR 72 from SR 17 to CR 245/Pearl Mill Road **DATE** December 19, 2007

FROM  Genetha Rice-Singleton, Assistant Director of Preconstruction

TO SEE DISTRIBUTION

SUBJECT APPROVED NOTICE OF LOCATION AND DESIGN

Attached for your further handling 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
Babs Abubakari
Russell McMurry
BOARD MEMBER

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENTAL CORRESPONDENCE

FILE: MSL-1226-00(300), Elbert County, OFFICE: Consultant Design
SR 72 From SR 17 to CR 245/Pearl Mill Road
P.I. 122630

M. Babs Abubakari (S.t.)

FROM: Mohammed (Babs) Abubakari, PE, State Consultant Design and Program Delivery Engineer DATE: December 7, 2007

TO: Genetha Rice-Singleton, Assistant Director of Preconstruction

SUBJECT: **Request for Location and Design Approval**

Description and Project Proposal:

Project MSL-1226-00 (300) is the widening of SR 72 in Elbert County from SR 17 to CR 245 for a distance of approximately 7.02 miles. Widening will begin at the intersection with SR 17, incorporating an urban typical section of four 12-foot lanes with a 14-foot flush median, symmetrical about the existing four-lane section (no existing median). This existing four-lane section continues for 0.38 mile to just west of the CSX rail line, where it now tapers down to a two-lane roadway. The proposed widening (urban section) will continue symmetrically about the existing roadway to CR 45/Mobley Hill Road, where it will transition to a rural typical section of four 12-foot lanes with a 44-foot depressed median for the remainder of the project, shifting the widening to the south side of existing SR 72. In order to avoid an eligible historic resource and several displacements, the proposed roadway will shift to new location on the south side of existing SR 72 from approximately 0.4 mile east of CR 277/Van Trina Drive to CR 44/Lithia Springs Road. In order to improve the existing horizontal alignment and avoid a longitudinal stream impact, beginning at the intersection with CR 44 the proposed widening will shift to the north side of existing SR 72 and then on new location to the north side from 0.5 mile east of CR 44 to CR 304/Vans Creek Church Road. The widening will then shift back to the north side of existing SR 72 from CR 304 to CR 296/Old Middleton Road. Beginning at relocated CR 296, the widening will shift to the south side of existing SR 72 for 0.37 mile to relocated CR 396/Heard Road. The proposed widening will transition from the south side of existing SR 72 to the north side from CR 396 to 0.64 miles east of CR 296. The proposed roadway will then continue on new location to the north, parallel to existing SR 72, until the project ends at CR 245/Pearl Mill Road. There are no proposed bridges on this project.

Concept Approval Date: September 12, 1995

Concept Report Revision Date: May 19, 2003

Concept Validation Report Date: November 7, 2003 (Validation based on Revised Concept Report)

Environmental Assessment and Reassessment Approval Date: December 11, 2006.

RESULTS OF THE PUBLIC HEARING AND PUBLIC INVOLVEMENT:

• **PUBLIC INFORMATION MEETING:**

This section provides a summary of comments received during the public comment period for the **Public Information Meeting (PIM) held on December 17, 1998** for the proposed widening, reconstruction and relocation of SR 72 from the intersection with SR 17 to CR 245/Pearl Mill Road in Elbert County.

COMMENT TOTALS:

A total of 67 people attended the PIM for the subject project held on December 17, 1998 from 4 p.m. until 7 p.m. From those attending, 32 comment forms, 0 letter and 8 verbal statements were received. An additional 3 comments were received during the 10-day comment period following the hearing, for a total of 43 comments. They are summarized as follows:

<u>No. Opposed</u>	<u>No. In Support</u>	<u>Uncommitted / Conditional</u>
<u>13</u>	<u>19</u>	<u>11</u>

MAJOR CONCERNS:

The comments that opposed the project expressed concerns regarding the width of proposed required right-of-way and the amount of property takings. Some farmers were concerned about the impact the roadway would have on their operation. Several comments noted their concern for more median openings with turn lanes along the corridor.

• **PUBLIC HEARING:**

This section also provides a summary of comments received during the public comment period for the **Public Hearing held on January 10, 2006** for the proposed widening, reconstruction and relocation of SR 72 from just north of I-85 to CR 190/Memorial Drive in Franklin and Stephens Counties.

COMMENT TOTALS:

A total of 193 people attended the public hearing open house for the subject project held on January 10, 2006 from 4 p.m. until 7 p.m. From those attending the hearing, 23 comment forms and 6 verbal statements were received. An additional 4 comments were received during the 10-day comment period following the hearing, for a total of 32 comments (a comment form and verb statement were provided by the same person, however the comment was only counted once). They are summarized as follows:

<u>No. Opposed</u>	<u>No. In Support</u>	<u>Uncommitted / Conditional</u>
<u>3</u>	<u>18</u>	<u>11</u>

Page 3
September 21, 2007
MSL-1226-00(300), Elbert County
P.I. No. 122630

MAJOR CONCERNS:

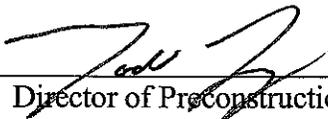
Comments included concern about providing access from the existing SR 72 to the portions of SR 72 being relocated. Also 6 comments were received inquiring about the railroad spur and how the proposed project would improve the traffic congestion caused by the railroad spur.

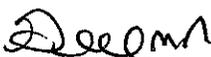
Consistency with Approved Planning:

The project 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

12/17/07
Date of Approval

Attachments:

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

NOTICE OF LOCATION AND DESIGN APPROVAL

MSL-1226-00 (300), ELBERT COUNTY
P.I. No. 122630

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.

The date of Location Design Approval is DECEMBER 19, 2007

Project MSL-1226-00 (300) is the widening of SR 72 in Elbert County from SR 17 to CR 245 for a distance of approximately 7.02 miles. Widening will begin at the intersection with SR 17, incorporating an urban typical section of four 12-foot lanes with a 14-foot flush median, symmetrical about the existing four-lane section (no existing median). This existing four-lane section continues for 0.38 mile to just west of the CSX rail line, where it now tapers down to a two-lane roadway. The proposed widening (urban section) will continue symmetrically about the existing roadway to CR 45/Mobley Hill Road, where it will transition to a rural typical section of four 12-foot lanes with a 44-foot depressed median for the remainder of the project, shifting the widening to the south side of existing SR 72. In order to avoid an eligible historic resource and several displacements, the proposed roadway will shift to new location on the south side of existing SR 72 from approximately 0.4 mile east of CR 277/Van Trina Drive to CR 44/Lithia Springs Road. In order to improve the existing horizontal alignment and avoid a longitudinal stream impact, beginning at the intersection with CR 44 the proposed widening will shift to the north side of existing SR 72 and then on new location to the north side from 0.5 mile east of CR 44 to CR 304/Vans Creek Church Road. The widening will then shift back to the north side of existing SR 72 from CR 304 to CR 296/Old Middleton Road. Beginning at relocated CR 296, the widening will shift to the south side of existing SR 72 for 0.37 mile to relocated CR 396/Heard Road. The proposed widening will transition from the south side of existing SR 72 to the north side from CR 396 to 0.64 miles east of CR 296. The proposed roadway will then continue on new location to the north, parallel to existing SR 72, until the project ends at CR 245/Pearl Mill Road. There are no proposed bridges on this project.

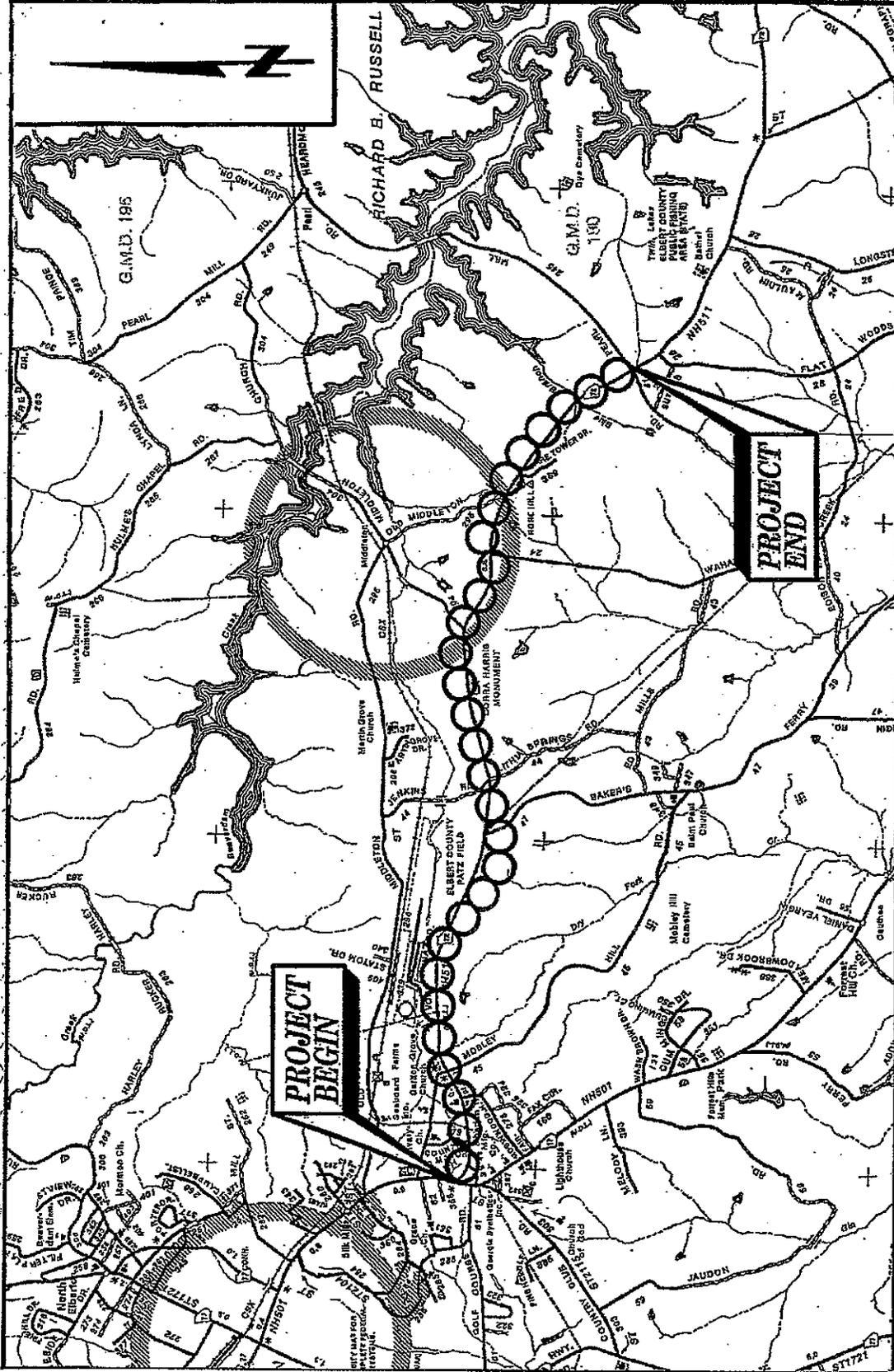
Drawings or maps or plats of the proposed project as approved are on file and are available for public inspection at the Georgia Department of Transportation:

Todd Wood, Area Engineer
Georgia Department of Transportation
Carnesville Area Office, 301 Conger Road
Mailing Address: P. O. Box 330, Carnesville, Georgia 30521
Email: todd.wood@dot.state.ga.us
Telephone: (706) 384-7269

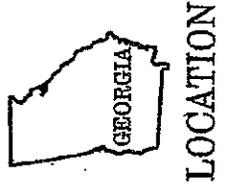
Any interested party may obtain a copy of the drawings or maps or plats or portions thereof by paying a nominal fee and requesting in writing to:

Otis Clark, Office of Consultant Design
Department of Transportation
No. 2 Capitol Square, S.W.
Room 433
Atlanta, Georgia 30334
Email: otis.clark@dot.state.ga.us
Telephone: (404) 463-6265

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.



STRIP MAP
 MSL-1226-00(300) ELBERT CO.
 S.R. 72 IMPROVEMENTS
 S.R. 17 TO C.R. 245 /C.R. 41
 P.I.# 122630



LOCATION



SCALE IN MILES

THIS GENERAL HIGHWAY MAP,
 ELBERT CO., GEORGIA
 PREPARED BY THE GEORGIA DEPARTMENT OF TRANSPORTATION.

Estimate Report for file "(300) SR72 Elbert County P.I. 122630"

Section Roadway					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
150-1000	1	LS	250000.00	TRAFFIC CONTROL -	250000.00
153-1300	1	EA	63074.48	FIELD ENGINEERS OFFICE TP 3	63074.48
201-1500	1	LS	1300000.00	CLEARING & GRUBBING -	1300000.00
205-0001	918000	CY	6.07	UNCLASS EXCAV	5572260.00
207-0203	250	CY	40.90	FOUND BKFILL MATL, TP II	10225.00
310-1101	185000	TN	16.00	GR AGGR BASE CRS, INCL MATL	2960000.00
318-3000	100	TN	16.81	AGGR SURF CRS	1681.00
402-1812	4000	TN	90.00	RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME	360000.00
402-3112	33000	TN	90.00	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	2970000.00
402-3121	68000	TN	80.00	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	5440000.00
402-3130	26000	TN	85.00	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME	2210000.00
413-1000	27750	GL	2.00	BITUM TACK COAT	55500.00
432-5010	100	SY	1.91	MILL ASPH CONC PVMT, VARIABLE DEPTH	191.00
441-0016	2000	SY	32.42	DRIVEWAY CONCRETE, 6 IN TK	64840.00
444-1000	1000	LF	2.49	SAWED JOINTS IN EXIST PAVEMENTS - PCC	2490.00
446-1100	3000	LF	4.57	PVMT REINF FABRIC STRIPS, TP 2, 18 INCH WIDTH	13710.00
456-2012	15	GLM	946.55	INDENTATION RUMBLE STRIPS - GROUND-IN-PLACE (CONTINUOUS)	14198.25
500-3101	1000	CY	509.29	CLASS A CONCRETE	509290.00
500-3800	25	CY	743.42	CLASS A CONCRETE, INCL REINF STEEL	18585.50
500-9999	300	CY	179.15	CLASS B CONC, BASE OR PVMT WIDENING	53745.00
511-1000	69000	LB	0.86	BAR REINF STEEL	59340.00
550-1180	10000	LF	36.25	STORM DRAIN PIPE, 18 IN, H 1-10	362500.00
550-1240	2000	LF	44.42	STORM DRAIN PIPE, 24 IN, H 1-10	88840.00
550-1301	400	LF	59.23	STORM DRAIN PIPE, 30 IN, H 10-15	23692.00
550-1360	1000	LF	66.20	STORM DRAIN PIPE, 36 IN, H 1-10	66200.00
550-1420	400	LF	87.86	STORM DRAIN PIPE, 42 IN, H 1-10	35144.00
550-1480	800	LF	106.20	STORM DRAIN PIPE, 48 IN, H 1-10	84960.00
550-2180	2000	LF	26.71	SIDE DRAIN PIPE, 18 IN, H 1-10	53420.00
550-2240	500	LF	31.03	SIDE DRAIN PIPE, 24 IN, H 1-10	15515.00
550-2360	300	LF	47.29	SIDE DRAIN PIPE, 36 IN, H 1-10	14187.00
550-3518	10	EA	607.45	SAFETY END SECTION 18 IN, STORM DRAIN, 6:1 SLOPE	6074.50
550-3524	4	EA	989.84	SAFETY END SECTION 24 IN, STORM DRAIN, 6:1 SLOPE	3959.36
550-3536	4	EA	2079.17	SAFETY END SECTION 36 IN, STORM DRAIN, 6:1 SLOPE	8316.68
550-3618	60	EA	585.80	SAFETY END SECTION 18 IN, SIDE DRAIN, 6:1 SLOPE	35148.00
550-3624	16	EA	867.98	SAFETY END SECTION 24 IN, SIDE DRAIN, 6:1 SLOPE	13887.68
550-3636	8	EA	2367.93	SAFETY END SECTION 36 IN, SIDE DRAIN, 6:1 SLOPE	18943.44
550-4118	50	EA	305.30	FLARED END SECTION 18 IN, SIDE DRAIN	15265.00
550-4124	10	EA	386.75	FLARED END SECTION 24 IN, SIDE DRAIN	3867.50
550-4136	4	EA	622.45	FLARED END SECTION 36 IN, SIDE DRAIN	2489.80
550-4142	4	EA	1040.40	FLARED END SECTION 42 IN, SIDE DRAIN	4161.60
611-3010	1	EA	2453.51	RECONSTR DROP INLET, GROUP 1	2453.51
611-8040	1	EA	985.77	ADJUST DROP INLET TO GRADE	985.77
611-8050	1	EA	684.36	ADJUST MANHOLE TO GRADE	684.36
620-0100	500	LF	39.97	TEMPORARY BARRIER, METHOD NO. 1	19985.00
634-1200	200	EA	94.14	RIGHT OF WAY MARKERS	18828.00
641-1200	13000	LF	16.00	GUARDRAIL, TP W	208000.00
641-5001	20	EA	548.21	GUARDRAIL ANCHORAGE, TP 1	10964.20
641-5012	20	EA	1712.51	GUARDRAIL ANCHORAGE, TP 12	34250.20
668-2100	100	EA	3570.27	DROP INLET, GP 1	357027.00
668-2110	40	LF	254.76	DROP INLET, GP 1, ADDL DEPTH	10190.40
668-2200	15	EA	2969.11	DROP INLET, GP 2	44536.65
668-2210	10	LF	273.13	DROP INLET, GP 2, ADDL DEPTH	2731.30
668-4300	4	EA	1986.02	STORM SEWER MANHOLE, TP 1	7944.08

668-5000	4	EA	1797.03	JUNCTION BOX	7188.12
Section Sub Total:					\$23,511,470.38

Section Permanent Erosion Control					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
441-0204	1200	SY	30.91	PLAIN CONC DITCH PAVING, 4 IN	37092.00
603-2024	800	SY	46.76	STN DUMPED RIP RAP, TP 1, 24 IN	37408.00
603-2182	1500	SY	47.10	STN DUMPED RIP RAP, TP 3, 24 IN	70650.00
603-7000	3000	SY	4.31	PLASTIC FILTER FABRIC	12930.00
700-6910	150	AC	834.69	PERMANENT GRASSING	125203.50
700-7000	300	TN	59.53	AGRICULTURAL LIME	17859.00
700-7010	375	GL	19.04	LIQUID LIME	7140.00
700-8000	150	TN	293.86	FERTILIZER MIXED GRADE	44079.00
700-8100	7500	LB	1.71	FERTILIZER NITROGEN CONTENT	12825.00
710-9000	15000	SY	3.68	PERMANENT SOIL REINFORCING MAT	55200.00
715-2100	3000	SY	1.90	BITUMINOUS TREATED ROVING, SLOPES	5700.00
715-2200	6000	SY	1.97	BITUMINOUS TREATED ROVING, WATERWAYS	11820.00
716-2000	150000	SY	1.12	EROSION CONTROL MATS, SLOPES	168000.00
Section Sub Total:					\$605,906.50

Section Temporary Erosion Control					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0232	75	AC	523.01	TEMPORARY GRASSING	39225.75
163-0240	2000	TN	204.26	MULCH	408520.00
163-0300	10	EA	1818.63	CONSTRUCTION EXIT	18186.30
163-0501	4	EA	903.19	CONSTRUCT AND REMOVE SILT CONTROL GATE, TP 1	3612.76
163-0502	4	EA	425.76	CONSTRUCT AND REMOVE SILT CONTROL GATE, TP 2	1703.04
163-0503	30	EA	519.91	CONSTRUCT AND REMOVE SILT CONTROL GATE, TP 3	15597.30
163-0520	3000	LF	14.29	CONSTRUCT AND REMOVE TEMPORARY PIPE SLOPE DRAIN	42870.00
163-0521	130	EA	165.43	CONSTRUCT AND REMOVE TEMPORARY DITCH CHECKS	21505.90
163-0530	2500	LF	3.04	CONSTRUCT AND REMOVE BALED STRAW EROSION CHECK	7600.00
163-0531	20	EA	8004.56	CONSTRUCT AND REMOVE SEDIMENT BASIN, TP 1, STA NO -	160091.20
165-0010	10000	LF	1.00	MAINTENANCE OF TEMPORARY SILT FENCE, TP A	10000.00
165-0030	10000	LF	1.32	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	13200.00
165-0040	130	EA	71.29	MAINTENANCE OF EROSION CONTROL CHECKDAMS/DITCH CHECKS	9267.70
165-0060	20	EA	1053.32	MAINTENANCE OF TEMPORARY SEDIMENT BASIN, STA NO -	21066.40
165-0070	1250	LF	1.77	MAINTENANCE OF BALED STRAW EROSION CHECK	2212.50
165-0085	4	EA	332.63	MAINTENANCE OF SILT CONTROL GATE, TP 1	1330.52
165-0086	4	EA	167.73	MAINTENANCE OF SILT CONTROL GATE, TP 2	670.92
165-0087	30	EA	172.38	MAINTENANCE OF SILT CONTROL GATE, TP 3	5171.40
165-0101	10	EA	486.83	MAINTENANCE OF CONSTRUCTION EXIT	4868.30
165-0105	120	EA	95.48	MAINTENANCE OF INLET SEDIMENT TRAP	11457.60
167-1000	2	EA	1480.42	WATER QUALITY MONITORING AND SAMPLING	2960.84
167-1500	30	MO	910.01	WATER QUALITY INSPECTIONS	27300.30
171-0010	20000	LF	2.00	TEMPORARY SILT FENCE, TYPE A	40000.00
171-0030	20000	LF	4.00	TEMPORARY SILT FENCE, TYPE C	80000.00
Section Sub Total:					\$948,418.73

Section Signing and Marking					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
636-1020	1000	SF	14.49	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 3	14490.00
636-1029	220	SF	17.89	HIGHWAY SIGNS, TP 2 MATL, REFL SHEETING,	3935.80

				TP 3	
636-1033	800	SF	20.78	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 9	16624.00
636-1041	250	SF	32.46	HIGHWAY SIGNS, TP 2 MATL, REFL SHEETING, TP 9	8115.00
636-2070	4000	LF	7.54	GALV STEEL POSTS, TP 7	30160.00
636-2080	1000	LF	9.48	GALV STEEL POSTS, TP 8	9480.00
653-0120	250	EA	63.94	THERMOPLASTIC PVMT MARKING, ARROW, TP 2	15985.00
653-0170	130	EA	78.44	THERMOPLASTIC PVMT MARKING, ARROW, TP 7	10197.20
653-1501	220000	LF	0.30	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	66000.00
653-1502	7000	LF	0.30	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	2100.00
653-1704	700	LF	3.86	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	2702.00
653-2501	22	LM	1157.70	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	25469.40
653-2502	20	LM	1219.09	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	24381.80
653-3501	5000	GLF	0.19	THERMOPLASTIC SKIP TRAF STRIPE, 5 IN, WHITE	950.00
653-3502	2500	GLF	0.22	THERMOPLASTIC SKIP TRAF STRIPE, 5 IN, YELLOW	550.00
653-4501	15	GLM	708.62	THERMOPLASTIC SKIP TRAF STRIPE, 5 IN, WHITE	10629.30
653-6004	22000	SY	2.62	THERMOPLASTIC TRAF STRIPING, WHITE	57640.00
653-6006	2000	SY	2.83	THERMOPLASTIC TRAF STRIPING, YELLOW	5660.00
654-1001	500	EA	3.59	RAISED PVMT MARKERS TP 1	1795.00
654-1003	2200	EA	3.78	RAISED PVMT MARKERS TP 3	8316.00
Section Sub Total:					\$315,180.50

Total Estimated Cost: \$25,380,976.11

Subtotal Construction Cost	\$25,380,976.11
E&C Rate 10.0 %	\$2,538,097.61
Inflation Rate 0.0 % @ 0.0 Years	\$0.00
Total Construction Cost	\$27,919,073.72
Right Of Way	\$4,557,000.00
ReImb. Utilities	\$400,000.00
Grand Total Project Cost	\$32,876,073.72