ORIGINAL TO GENERAL FILES

D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE P. I. No. 410520-, Cook County
NH-75-1(205)
I-75 Widening and Reconstruction

OFFICE Preconstruction

DATE February 16, 2006

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

TO SEE DISTRIBUTION

SUBJECT APPROVED REVISED PROJECT CONCEPT REPORT

Attached for your files is the approval for subject project.

MBP/cj

Attachment

DISTRIBUTION:

Brian Summers
Harvey Keepler
Ken Thompson
Jamie Simpson
Michael Henry
Keith Golden
Joe Palladi (file copy)
Babs Abubakari
Brent Story
Joe Sheffield
BOARD MEMBER
FHWA

U.S. Department
of Transportation
**Federal Highway
Administration**

61 Forsyth St. SW
Suite 17T100
Atlanta, Georgia 30303

In Reply Refer To:
HTM-GA

Georgia Division
February 8, 2006

Mr. Harold Linnenkohl

Commissioner
Georgia Department of Transportation
No. 2 Capitol Square S.W.
Atlanta, Georgia 30334-1002

Subject: Project No. NH-75-1(205), Cook County Approval of Revised Concept Report

Dear Mr. Linnenkohl:

Our letter of November 30, 1999 transmitted approval of the original concept for the subject project. The concept was approved with the retention of substandard horizontal clearance at six (6) bridge locations. Those locations were: West Mitchell Street (CS-814), Roundtree Bridge Road (CR-251), Springhill Road (CR-13), Barneyville Road (CR-253), Guy Henry/Wagon Wheel Road (CR-210), and Kinard Bridge Road (CR-246). The revised concept is to include replacement of the overpass bridges at West Mitchell Street, Springhill Road, and Guy Henry/Wagon Wheel Road in the I-75 Phase I widening project.

We appreciate the Department's efforts to eliminate the substandard clearances at the overpass bridges as part of the subject project. The revised concept is approved with the understanding that the three (3) remaining interchange bridges will be replaced by 2010 as previously agreed to by your Preconstruction staff. If you have any questions, please contact Floyd Moore at (404) 562-3654.

Sincerely,

Richard Wayne Fedora

for Robert M. Callan, P.E.
Division Administrator

Enclosure

Celebrating 50 Years
1956 2006
Eisenhower Interstate System

BUCKLE UP AMERICA

D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

RECEIVED
DEC 07 2005
BY:

INTERDEPARTMENT CORRESPONDENCE

FILE	NH-75-1 (205) Cook County P.I. Number 410520	OFFICE	Road Design
		DATE	December 6, 2005
FROM	Brent A. Story, P.E., State Road & Airport Design Engineer		
TO	Margaret B. Pirkle, P.E., Assistant Director of Preconstruction		
SUBJECT	**Revised Project Concept Report**		

Attached is the original copy of the revised Concept Report for your further handling for approval in accordance with the Plan Development Process (PDP). The approved concept is to be revised to include the replacement of three overpass bridges and the realignment of one county road.

Project NH-75-1(205) consists of the widening and reconstruction of I-75 from two lanes in each direction to three lanes in each direction from just north of the SR 37 interchange to just north of the CR 246 interchange. In addition to the widening and reconstruction of I-75 this project proposes to replace the overpass bridges at West Mitchell St., Springhill Rd. and Wagon Wheel Rd. and to realign Godwin Rd.

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

BAS:CAC:ss
Attachment
cc: Brian Summers, State Project Review Engineer
Harvey Keepler, State Environmental/Location Engineer
Keith Golden, State Traffic Safety and Design Engineer
Joe Palladi, State Transportation Planning Administrator
Jamie Simpson, Financial Management Administrator
Joe Sheffield, District 4 Engineer
Paul Liles, State Bridge Engineer

APPROVED

State Transportation Planning Administrator — Date 12/12/05

REVISED PROJECT CONCEPT REPORT

Need and Purpose: See Attachment.

Project location: The project is located in Cook County, beginning just north of the SR 37 interchange (MP 7.9) and ending just north of CR 246 (MP 17.2) for a total project length of 9.30 miles.

Description of the approved concept:

The project will be constructed in two phases.

Phase 1: Consists of the widening and reconstruction of I-75 from two lanes in each direction to three lanes in each direction from just north of the SR 37 interchange to just north of the CR 246 interchange for a total of 9.30 miles.

Phase 2: Consists of widening I-75 for three lanes in each direction to four lanes in each direction for the entire project length of 9.30 miles.

PDP Classification – Phase 1:	Major _____	Minor X
PDP Classification – Phase 2:	Major X	Minor _____

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

Functional Classification: Rural Principal Arterial

U. S. Route Number(s): I-75 **State Route Number(s):** 401

Traffic (AADT) as shown in the approved concept:

Current Year: 2006 – 44,700 Design Year: 2026 – 67,200

Proposed features to be revised:

The approved concept is to be revised to include the replacement of three overpass bridges and the realignment of one county road. The scope of work has increased on this project.

Describe the revised feature(s) to be approved:

In addition to the widening and reconstruction of I-75 this project proposes to replace the overpass bridges at West Mitchell St. (CS 814), Springhill Rd. (CR 13) and Wagon Wheel Rd. (CR 210). The replacement of the overpass at Wagon Wheel Rd. has required the realignment of Godwin Rd. (CR 207). The replacement of the three overpasses and the realignment of Godwin Road have required the need to acquire R/W for this project.

Updated traffic data (AADT):

Current Year: 2006 – 44,700 Design Year: 2026 – 67,200

Programmed/Schedule:

P.E. 2005 R/W: 2006 Construction: 2006

Revised cost estimates:

1. Construction cost including inflation and E&C,
2. Right-of-way, and
3. Utilities

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

Recommendation: Recommend that the proposed revision to the concept be approved for implementation.

Attachments:

1. Sketch Map
2. Cost Estimate

- **Full Oversight projects**
  If the project has full Federal oversight, the signature blocks should include the following:

Concur: _____
Director of Preconstruction

* Approve: Richard Wayne Fedora
for Division Administrator, FHWA

Approve: _____
Chief Engineer

* SUBJECT TO COMMENTS IN THE ATTACHED LETTER.

NEED AND PURPOSE

Interstate 75, Cook County
NH-75-1(205)
P.I. 410520

Project NH-75-1(205) is one of eight programmed projects to widen Interstate 75 to six lanes. The project's termini are widening projects NH-75-1(204) to the south and NH-75-1(206) to the north. The project length is 9.3 miles. Projects NH-75-1(204) and NH-75-1(206) will both be widened to six lanes.

The Department's objective is to increase the number of through travel lanes on I-75 from four lanes to a minimum of six lanes throughout the state. Interstate 75 from State Route 133 in Lowndes County north approximately 87 miles to the Crisp/Dooly County Line is the only section of I-75 in Georgia that has not been widened to six lanes. In the Tifton area, 17 miles of the 87 miles have already been widened to six lanes

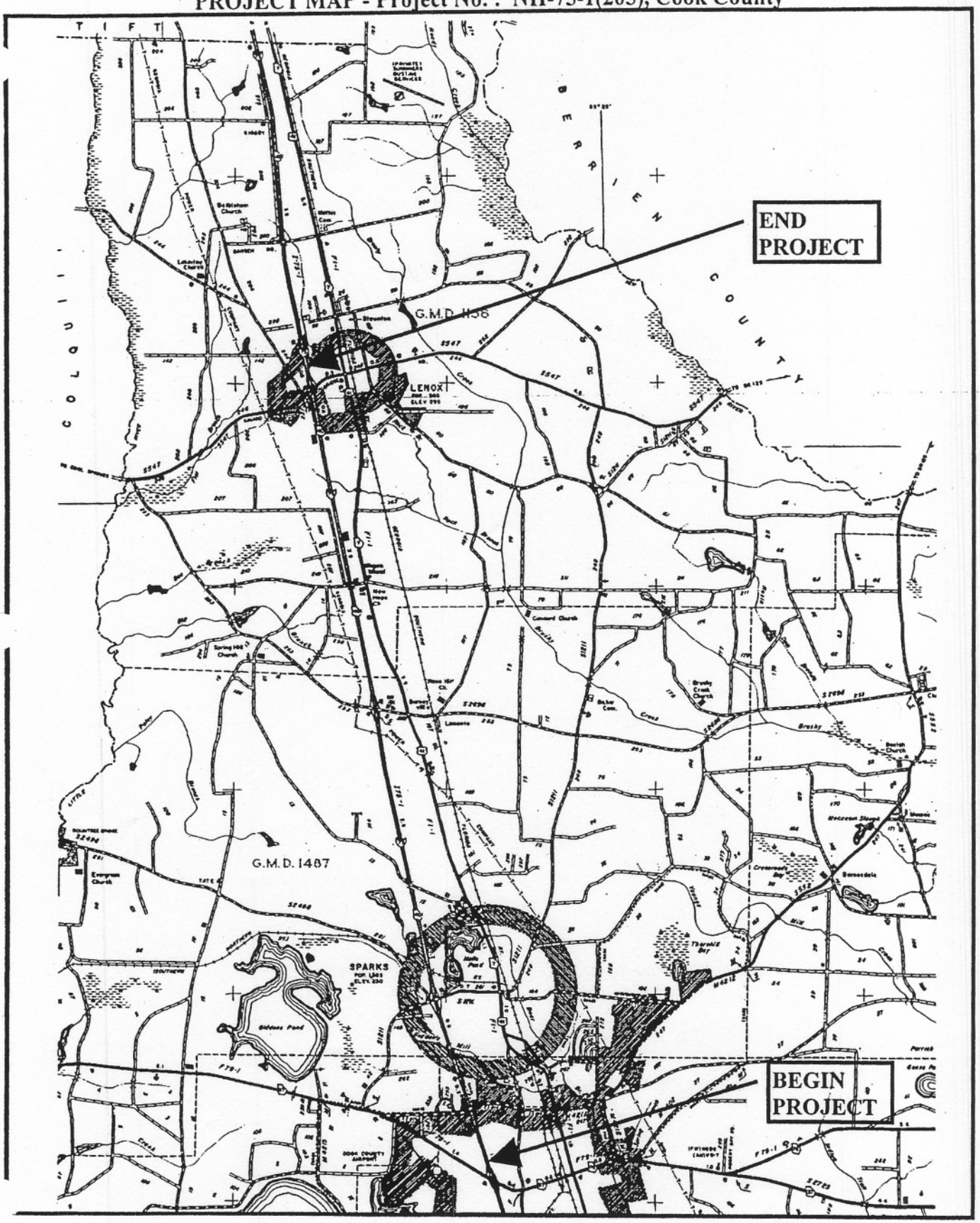
The 1997 AADT for this section of I-75 is 32,300 vehicles with a 24-hour truck percentage of 24%. The AADT is projected to increase to 57,200 vehicles by the year 2017. During 1997, there were 39 accidents per 100 Million Vehicle Miles Traveled (MVMT) along this stretch of interstate compared to a statewide average of 49 accidents per 100 MVMT.

The level of service along this section of I-75 is presently at a level "B". Without the addition of a third lane in each direction, the level of service will decrease to a level "D" before 2017. A third lane in each direction will maintain the current level of service until approximately 2012.

For safety and construction staging purposes, crossroads and bridges over I-75 will be widened to four lanes with a median separation. The roadway and shoulder widening will improve site distance for cars on the ramps exiting I-75, and the existing crossroad vertical curve will be reconstructed to meet design speed. The four lane widening will aid in the maintenance of traffic during construction.

This project will provide continuity along Interstate 75 by adding a third lane in each direction. The proposed widening will also allow increased vehicle spacing thus providing more time to maneuver and react to potentially dangerous situations.

PROJECT MAP - Project No. : NH-75-1(205), Cook County



Estimate Report for file "410520"

Section Roadway Items

Item Number	Quantity	Units	Unit Price	Item Description	Cost
150-1000	Lump	LS	94521.54	TRAFFIC CONTROL - NH-75-1(205)	94521.54
150-9011	3500	HR	46.57	TRAFFIC CONTROL - WORKZONE LAW ENFORCEMENT (CONTRACTOR BIDS)	162995.00
153-1300	1	EA	53151.50	FIELD ENGINEERS OFFICE TP 3	53151.50
163-0300	4	EA	1158.16	CONSTRUCTION EXIT	4632.64
201-1500	Lump	LS	1345977.69	CLEARING & GRUBBING -	1345977.69
205-0001	474100	CY	3.22	UNCLASS EXCAV	1526602.00
206-0002	337300	CY	4.99	BORROW EXCAV, INCL MATL	1683127.00
207-0203	49	CY	35.78	FOUND BKFILL MATL, TP II	1753.22
310-5060	3700	SY	6.86	GR AGGR BASE CRS, 6 INCH, INCL MATL	25382.00
310-5080	34900	SY	10.54	GR AGGR BASE CRS, 8 INCH, INCL MATL	367846.00
310-5120	778300	SY	13.77	GR AGGR BASE CRS, 12 INCH, INCL MATL	10717191.00
402-1812	21	TN	39.86	RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME	837.06
402-3121	134100	TN	38.37	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	5145417.00
402-3141	15600	TN	40.47	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL	631332.00
402-3190	20400	TN	42.33	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2,INCL BITUM MATL & H LIME	863532.00
413-1000	12700	GL	0.99	BITUM TACK COAT	12573.00
430-0220	305900	SY	43.98	PLAIN PC CONC PVMT, CL 1 CONC, 12 INCH THK	13453482.00
430-1220	547800	SY	56.98	CONT REINF CONC PVMT, CL HES CONC, 12 INCH THK	31213644.00
433-1300	1800	SY	119.82	REINF CONC APPROACH SLAB, INCL BARRIER	215676.00
436-1000	7900	LF	7.96	ASPHALTIC CONCRETE CURB -	62884.00
441-0301	38	EA	1639.14	CONC SPILLWAY, TP 1	62287.32
441-6022	1100	LF	10.55	CONC CURB & GUTTER, 6 IN X 30 IN, TP 2	11605.00
455-1000	269200	SY	2.67	FILTER FABRIC FOR EMBANKMENT STABILIZATION	718764.00
456-2012	19	GLM	916.08	INDENTATION RUMBLE STRIPS - GROUND-IN-PLACE (CONTINUOUS)	17405.52
456-2015	4	GLM	730.18	INDENTATION RUMBLE STRIPS - GROUND-IN-PLACE (SKIP)	2920.72
500-0100	7600	SY	4.27	GROOVED CONCRETE	32452.00
500-3101	110	CY	457.36	CLASS A CONCRETE	50309.60
500-3200	6	CY	314.63	CLASS B CONCRETE	1887.78
511-1000	9200	LB	0.72	BAR REINF STEEL	6624.00
550-1180	23600	LF	29.63	STORM DRAIN PIPE, 18 IN, H 1-10	699268.00
550-1240	3700	LF	35.21	STORM DRAIN PIPE, 24 IN, H 1-10	130277.00
550-1300	830	LF	45.35	STORM DRAIN PIPE, 30 IN, H 1-10	37640.50
550-1360	2000	LF	53.23	STORM DRAIN PIPE, 36 IN, H 1-10	106460.00
550-1420	490	LF	70.47	STORM DRAIN PIPE, 42 IN, H 1-10	34530.30
550-2150	84	LF	21.99	SIDE DRAIN PIPE, 15 IN, H 1-10	1847.16
550-2180	520	LF	24.14	SIDE DRAIN PIPE, 18 IN, H 1-10	12552.80
550-3615	4	EA	387.97	SAFETY END SECTION 15 IN, SIDE DRAIN, 6:1 SLOPE	1551.88
550-3618	21	EA	522.02	SAFETY END SECTION 18 IN, SIDE DRAIN, 6:1 SLOPE	10962.42
550-4218	145	EA	430.04	FLARED END SECTION 18 IN, STORM DRAIN	62355.80
550-4224	20	EA	490.70	FLARED END SECTION 24 IN, STORM DRAIN	9814.00
550-4230	6	EA	650.98	FLARED END SECTION 30 IN, STORM DRAIN	3905.88
550-4236	13	EA	835.81	FLARED END SECTION 36 IN, STORM DRAIN	10865.53
550-4242	4	EA	1059.35	FLARED END SECTION 42 IN, STORM DRAIN	4237.40
576-1010	1100	LF	10.87	SLOPE DRAIN PIPE, 10 IN	11957.00
576-1015	900	LF	22.67	SLOPE DRAIN PIPE, 15 IN	20403.00
603-2024	370	SY	42.42	STN DUMPED RIP RAP, TP 1, 24 IN	15695.40
603-2180	2200	SY	32.09	STN DUMPED RIP RAP, TP 3, 12 IN	70598.00
603-7000	2900	SY	3.93	PLASTIC FILTER FABRIC	11397.00
610-1055	49200	LF	1.37	REM GUARDRAIL	67404.00
610-1075	18	EA	98.09	REM GUARDRAIL ANCH, ALL TYPES	1765.62
620-0100	99500	LF	28.38	TEMPORARY BARRIER, METHOD NO. 1	2823810.00
620-0200	0	LF	118.73	TEMPORARY BARRIER, METHOD NO. 1	0.00
621-3125	880	LF	219.55	CONCRETE BARRIER, TP 25S, MODIFIED	193204.00
621-3126	910	LF	275.55	CONCRETE BARRIER, TYPE 26S	250750.50
621-4071	140	LF	178.98	CONCRETE SIDE BARRIER, TYPE 7C, MODIFIED	25057.20
621-6001	41800	LF	49.07	CONCRETE BARRIER, TP S-1	2051126.00
621-6002	4000	LF	63.39	CONCRETE BARRIER, TP S-2	253560.00
621-6003	300	LF	136.32	CONCRETE BARRIER, TP S-3	40896.00

632-0003	12	EA	10259.58	CHANGEABLE MESSAGE SIGN, PORTABLE, TYPE 3	123114.96
634-1200	42	EA	87.38	RIGHT OF WAY MARKERS	3669.96
641-1100	790	LF	30.37	GUARDRAIL, TP T	23992.30
641-1200	12600	LF	13.25	GUARDRAIL, TP W	166950.00
641-5001	23	EA	469.61	GUARDRAIL ANCHORAGE, TP 1	10801.03
641-5012	41	EA	1525.97	GUARDRAIL ANCHORAGE, TP 12	62564.77
643-0155	86900	LF	7.06	FIELD FENCE SPCL DESIGN	613514.00
643-2163	9000	LF	16.65	CH LK FENCE W/EXT ARMS & BARBED WIRE, ZC COAT, 8 FT, 11 GA	149850.00
649-0018	46300	LF	9.99	CONCRETE GLARE SCREEN, 18 INCH	462537.00
650-1200	27	EA	12770.37	IMPACT ATTENUATOR UNIT, (COMPRESSION CRASH CUSHION) TYPE T-3-S-30	344799.99
650-1200	3	EA	12770.37	IMPACT ATTENUATOR UNIT, (COMPRESSION CRASH CUSHION) TYPE T-3-B-30	38311.11
650-1200	4	EA	12770.37	IMPACT ATTENUATOR UNIT, (COMPRESSION CRASH CUSHION) TYPE T-3-U-30	51081.48
654-1002	37937	EA	3.03	RAISED PVMT MARKERS TP 2	114949.11
668-2100	170	EA	2758.35	DROP INLET, GP 1	468919.50
668-2105	1	EA	3309.44	DROP INLET, GP 1, SPCL DES	3309.44
668-2110	52	LF	253.85	DROP INLET, GP 1, ADDL DEPTH	13200.20
668-5000	2	EA	1540.28	JUNCTION BOX	3080.56
999-3400	Lump	LS	276033.33	MOBILIZATION OF AUTOMATED PORTABLE REAL-TIME WORKZONE INFORMATION SYSTEM	276033.33
999-3410	31	MO	4466.50	AUTOMATED PORTABLE REAL-TIME WORKZONE INFORMATION SYSTEM	138461.50
				Section Sub Total:	**$78,519,845.22**

Section Bridge Culvert

Item Number	Quantity	Units	Unit Price	Item Description	Cost
207-0203	130	CY	35.78	FOUND BKFILL MATL, TP II	4651.40
500-3101	320	CY	455.02	CLASS A CONCRETE	145606.40
511-1000	30800	LB	0.72	BAR REINF STEEL	22176.00
				Section Sub Total:	**$172,433.80**

Section Temporary Erosion Control

Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0232	120	AC	482.43	TEMPORARY GRASSING	57891.60
163-0240	340	TN	205.02	MULCH	69706.80
163-0530	22300	LF	2.46	CONSTRUCT AND REMOVE BALED STRAW EROSION CHECK	54858.00
163-0550	167	EA	228.01	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	38077.67
165-0010	5200	LF	1.04	MAINTENANCE OF TEMPORARY SILT FENCE, TP A	5408.00
165-0030	1100	LF	1.12	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	1232.00
165-0070	11200	LF	1.32	MAINTENANCE OF BALED STRAW EROSION CHECK	14784.00
165-0105	167	EA	80.48	MAINTENANCE OF INLET SEDIMENT TRAP	13440.16
167-1000	2	EA	1864.98	WATER QUALITY MONITORING AND SAMPLING	3729.96
167-1500	48	MO	800.39	WATER QUALITY INSPECTIONS	38418.72
171-0010	10400	LF	1.84	TEMPORARY SILT FENCE, TYPE A	19136.00
171-0030	2200	LF	3.15	TEMPORARY SILT FENCE, TYPE C	6930.00
				Section Sub Total:	**$323,612.91**

Section Permanent Erosion Control

Item Number	Quantity	Units	Unit Price	Item Description	Cost
700-6910	230	AC	770.63	PERMANENT GRASSING	177244.90
700-7000	680	TN	58.28	AGRICULTURAL LIME	39630.40
700-7010	570	GL	18.52	LIQUID LIME	10556.40
700-8000	160	TN	257.70	FERTILIZER MIXED GRADE	41232.00
700-8100	11400	LB	1.48	FERTILIZER NITROGEN CONTENT	16872.00
716-2000	158300	SY	1.12	EROSION CONTROL MATS, SLOPES	177296.00
				Section Sub Total:	**$462,831.70**

Section Signing & Marking

Item Number	Quantity	Units	Unit Price	Item Description	Cost
500-3101	26	CY	457.36	CLASS A CONCRETE	11891.36

610-6510	2	EA	231.88	REM HWY SIGN, OVHD	463.76
610-6515	1	EA	59.37	REM HIGHWAY SIGN, STD	59.37
610-6520	33	EA	516.21	REM HIGHWAY SIGN, SPCL ROADSIDE	17034.93
610-9001	9	EA	319.50	REM SIGN	2875.50
610-9403	1	LS	2000.00	REM STR SUPPORT, TYPE 3, INCL ILLUM SIGN SYSTEM, STA - 458+60	2000.00
611-5360	1	EA	234.10	RESET HIGHWAY SIGN	234.10
611-5551	9	EA	2271.96	RESET SIGN	20447.64
633-3000	1	EA	1952.24	REMOUNT UNMODIFIED HWY SIGN, OVERHEAD	1952.24
636-1020	145	SF	13.52	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 3	1960.40
636-1029	404	SF	19.94	HIGHWAY SIGNS, TP 2 MATL, REFL SHEETING, TP 3	8055.76
636-1031	62	SF	16.78	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING TP 6	1040.36
636-1032	570	SF	29.09	HIGHWAY SIGNS, TP 2 MATL, REFL SHEETING TP 6	16581.30
636-1072	1218	SF	16.17	HIGHWAY SIGNS, ALUM EXTRUDED PANELS, REFL SHEETING, TP 3	19695.06
636-1076	4153	SF	28.30	HIGHWAY SIGNS, ALUM EXTRUDED PANELS, REFL SHEETING TP 6	117529.90
636-2020	22	LF	4.54	GALV STEEL POSTS, TP 2	99.88
636-2070	471	LF	6.61	GALV STEEL POSTS, TP 7	3113.31
636-2080	980	LF	8.62	GALV STEEL POSTS, TP 8	8447.60
636-3000	3842	LB	2.17	GALV STEEL STR SHAPE POST	8337.14
636-9094	51	LF	54.18	PILING IN PLACE, SIGNS, STEEL H, HP 12 X 53	2763.18
638-1001	1	LS	44036.17	STR SUPPORT FOR OVERHEAD SIGN, TP I , STA - 538+46	44036.17
638-1001	1	LS	44036.17	STR SUPPORT FOR OVERHEAD SIGN, TP I , STA - 868+51	44036.17
638-1001	1	LS	44036.17	STR SUPPORT FOR OVERHEAD SIGN, TP I , STA - 894+91	44036.17
638-1001	1	LS	44036.17	STR SUPPORT FOR OVERHEAD SIGN, TP I , STA - 562+80	44036.17
638-1001	1	LS	44036.17	STR SUPPORT FOR OVERHEAD SIGN, TP I , STA - 825+60	44036.17
638-1001	1	LS	44036.17	STR SUPPORT FOR OVERHEAD SIGN, TP I , STA - 910+53	44036.17
638-1001	1	LS	44036.17	STR SUPPORT FOR OVERHEAD SIGN, TP I , STA - 921+31	44036.17
638-1001	1	LS	44036.17	STR SUPPORT FOR OVERHEAD SIGN, TP I , STA - 719+40	44036.17
638-1001	1	LS	44036.17	STR SUPPORT FOR OVERHEAD SIGN, TP I , STA - 944+58	44036.17
638-1001	1	LS	44036.17	STR SUPPORT FOR OVERHEAD SIGN, TP I , STA - 458+60	44036.17
638-1001	1	LS	44036.17	STR SUPPORT FOR OVERHEAD SIGN, TP I , STA - 510+20	44036.17
638-1001	1	LS	44036.17	STR SUPPORT FOR OVERHEAD SIGN, TP I , STA - 747+13	44036.17
638-1003	1	LS	16006.54	STR SUPPORT FOR OVERHEAD SIGN, TP III, STA - 666+89	16006.54
638-1003	1	LS	16006.54	STR SUPPORT FOR OVERHEAD SIGN, TP III, STA - 772+80	16006.54
638-1003	1	LS	16006.54	STR SUPPORT FOR OVERHEAD SIGN, TP III, STA - 615+32	16006.54
638-1003	1	LS	16006.54	STR SUPPORT FOR OVERHEAD SIGN, TP III, STA - 693+29	16006.54
638-1003	1	LS	16006.54	STR SUPPORT FOR OVERHEAD SIGN, TP III, STA - 799+68	16006.54
638-1003	1	LS	16006.54	STR SUPPORT FOR OVERHEAD SIGN, TP III, STA - 484+13	16006.54
638-1003	1	LS	16006.54	STR SUPPORT FOR OVERHEAD SIGN, TP III, STA - 485+88	16006.54
638-1003	1	LS	16006.54	STR SUPPORT FOR OVERHEAD SIGN, TP III, STA - 511+40	16006.54
638-1003	1	LS	16006.54	STR SUPPORT FOR OVERHEAD SIGN, TP III, STA - 512+28	16006.54
638-1003	1	LS	16006.54	STR SUPPORT FOR OVERHEAD SIGN, TP III, STA - 588+92	16006.54
638-1003	1	LS	16006.54	STR SUPPORT FOR OVERHEAD SIGN, TP III, STA - 773+28	16006.54
647-2140	4	EA	1125.04	PULL BOX, PB-4	4500.16
652-5451	50965	LF	0.13	SOLID TRAFFIC STRIPE, 5 IN, WHITE	6625.45
652-5452	50965	LF	0.13	SOLID TRAFFIC STRIPE, 5 IN, YELLOW	6625.45
652-9001	4960	SY	1.56	TRAFFIC STRIPE, WHITE	7737.60

652-9002	425	SY	1.40	TRAFFIC STRIPE, YELLOW	595.00
654-1003	3980	EA	3.29	RAISED PVMT MARKERS TP 3	13094.20
657-1054	130550	LF	3.34	PREFORMED PLASTIC SOLID PVMT MKG, 5 IN, WHITE, TP PB	436037.00
657-1104	15195	LF	6.32	PREFORMED PLASTIC SOLID PVMT MKG, 10 IN, WHITE, TP PB	96032.40
657-3085	237635	GLF	2.95	PREFORMED PLASTIC SKIP PVMT MKG, 8 IN, CONTRAST (BLACK-WHITE), TP PB	701023.25
657-3104	3320	GLF	5.00	PREFORMED PLASTIC SKIP PVMT MKG, 10 IN, WHITE, TP PB	16600.00
657-5014	2	EA	448.36	PREFORMED PLASTIC PVMT MKG, WORDS AND/OR SYM,WHITE, TP PB	896.72
657-6054	113910	LF	3.59	PREFORMED PLASTIC SOLID PVMT MKG, 5 IN, YELLOW, TP PB	408936.90
682-6540	721	LF	45.10	CONDUIT, FIBERGLASS, 4 IN	32517.10
682-7043	1442	LF	37.95	MULTI-CELL CONDUIT SYS, 4-WAY, FIBERGLASS	54723.90
				Section Sub Total:	**$2,735,033.90**

Section Lighting

Item Number	Quantity	Units	Unit Price	Item Description	Cost
610-6605	5	EA	204.90	REM LIGHTING STANDARD	1024.50
610-6610	5	EA	72.69	REM LUMINARE	363.45
681-4324	27	EA	1780.00	LIGHTING STD, 32 FT MH, 15 FT ARM	48060.00
681-6266	27	EA	365.00	LUMINAIRE, TP 2, 400 W, HP SODIUM	9855.00
682-1304	7000	LF	0.56	CABLE, TP THW, AWG NO 10	3920.00
682-1406	5000	LF	0.93	CABLE, TP XHHW, AWG NO 6	4650.00
682-1407	8000	LF	1.17	CABLE, TP XHHW, AWG NO 4	9360.00
682-1408	2000	LF	1.40	CABLE, TP XHHW, AWG NO 2	2800.00
682-6222	6500	LF	8.19	CONDUIT, NONMETL, TP 2, 2 IN	53235.00
682-9021	4	EA	1769.27	ELECTRICAL JUNCTION BOX, CONC GROUND MOUNTED	7077.08
924-9000	4	EA	89.50	20A-IP CIRCUIT BREAKER	358.00
				Section Sub Total:	**$140,703.03**

Section Bridge

Item Number	Quantity	Units	Unit Price	Lump Item Description	Cost
500-1006	Lump	LS	1100000.00	~~SUPERSTR CONCRETE, CL AA,~~ BR NO - CS 814	1100000.00
500-1006	Lump	LS	1100000.00	~~SUPERSTR CONCRETE, CL AA,~~ BR NO - CR 13	1100000.00
500-1006	Lump	LS	1100000.00	~~SUPERSTR CONCRETE, CL AA,~~ BR NO - CR 210	1100000.00
500-1006	Lump	LS	1600000.00	~~SUPERSTR CONCRETE, CL AA,~~ BR NO - I-75	1600000.00
				Section Sub Total:	**$4,900,000.00**

Section Weather Monitoring & Reporting Station

Item Number	Quantity	Units	Unit Price	Item Description	Cost
694-1040	1	Lump Sum	12000.00	REMOVE WMS NO - 1	12000.00
694-1050	1	Lump Sum	10000.00	RESET WMS NO - 1	10000.00
				Section Sub Total:	**$22,000.00**

Total Estimated Cost: $87,276,460.56