



MEMORANDUM

June 30, 2010

TO: Board of Mayor and Aldermen

FROM: Ben Worley, Right of Way Agent/Project Manager
Eric J. Gardner, P.E., Director of Engineering
Eric S. Stuckey, City Administrator
David Parker, P.E., City Engineer

SUBJECT: SR-96 at Royal Oaks Intersection Final Change Order

Purpose

The purpose of this memo is to recommend approval of the Final Change Order for the SR-96 at Royal Oaks Intersection Improvements Project and to close out this contract.

Background

On April 28, 2009 BOMA approved the construction contract with Civil Constructors in an amount not to exceed \$3,095,222.55. On February 23, 2010 BOMA approved change order number 1 for a deduct of \$900,000.00. At this time, the contractor has fulfilled its obligations as part of the construction contract and has submitted its final pay request.

Financial Impact

A DEDUCT of \$109,217.73 from the construction contract with Civil Constructors. The final construction contract amount will be \$2,086,004.82, a total savings of \$1,009,217.73 from the original contract amount.

Recommendation

Staff recommends approval of the Final Change Order to close this project with Civil Constructors with a DEDUCT of \$109,217.73.



G R E S H A M
S M I T H A N D
P A R T N E R S

Letter of Transmittal

Date: 6-7-2010

GS&P Project No.: 26080.00

To: Ben Worley
City of Franklin
109 3rd Ave. South P.O. Box 305
Franklin, Tn. 37065-0305

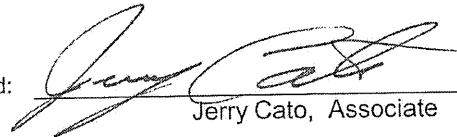
Subject: Royal Oaks Blvd@SR96
Franklin, TN
Final Change Order

Attached Under Separate Cover Sent Via Courier Hand delivered to Civil office

Prints Tracings/Plots Specifications Shop Drawings Copy of Letter Samples Correspondence

Copies	Date	Description	For Your Use	As Requested	For Review And Comment	Approved As Submitted	Approved As Noted	Not Approved Revise & Resubmit	Rejected
1	1/26/10	Final Change Order and supporting documents	X						

Approval Requested Please Sign for Approval

Signed: 
Jerry Cato, Associate

If there are any questions regarding the above information, please contact this office.

Change Order

No. 2

Date of Issuance: 6-1-2010

Project: SR 96 intersection@ Royal Oaks Blvd.	Owner: City of Franklin	Owner's Contract No.: N/A
Contract: General Construction	Date of Contract: 4-28-2009	
Contractor: Civil Constructors, Inc., 425 Downs Blvd., Franklin, Tn. 37064	Engineer's Project No.: 304	

The Contract Documents are modified as follows upon execution of this Change Order:

Description:

Credit unused Contract Sum allowance (\$109,217.73) back to owner.

Attachments (list documents supporting change):

Copy of last pay request and list of items remaining to be completed.

CHANGE IN CONTRACT PRICE:

Original Contract Price:

\$ 3,095,222.55

[Increase] [**Decrease**] from previously approved Change Orders No. N/A to No.

\$ 900,000.00

Contract Price prior to this Change Order:

\$ 2,195,222.55

[Increase] [**Decrease**] of this Change Order:

\$ 109,217.73

\$ 2,086,004.82

CHANGE IN CONTRACT TIMES:

Original Contract Times: Working x **Calendar days**

Substantial completion (days or date): _____

Ready for final payment (days or date): June 1, 2010

[Increase] [**Decrease**] from previously approved Change Orders No. N/A to No. _____:

Substantial completion (days): _____

Ready for final payment (days): _____

Contract Times prior to this Change Order:

Substantial completion (days or date): _____

Ready for final payment (days or date): _____

[Increase] [**Decrease**] of this Change Order:

Substantial completion (days or date): _____

Ready for final payment (days or date): _____

Substantial completion (days or date): _____

Ready for final payment (days or date): _____

RECOMMENDED: Gresham, Smith & Partners, CE&I

By: [Signature]
Engineer (Authorized Signature)

Date: 6-1-2010

Approved by Funding Agency (if applicable):

ACCEPTED: City of Franklin

By: _____
Owner (Authorized Signature)

Date: _____

ACCEPTED: Civil Constructors

By: [Signature]
Contractor (Authorized Signature)

Date: 6/8/10

Date: _____



425 Downs Blvd.
Franklin, TN 37064
P. 615.236.9000
F. 615.236.9001

PROJECT ESTIMATE

Project: SR96 & Royal Oaks Blvd.
Estimate #: 4

Date: 5.26.10
Estimate Period: 12.01.09 - 5.31.10

Project No.:
Location: Franklin, TN
Civil Job #: 9015

CONTRACT AMOUNT: \$ 2,445,648.35

Pay Item	Pay Item Description	Quantity	Unit	Current Quantity	Previous Quantity	To-Date Quantity	Unit Price	To-Date Amount
105-01	Construction Stakes, Lines & Grades	1,000	L.S.	-	1.00	1.00	\$ 18,500.00	\$ 18,500.00
201-01	CLEARING AND GRUBBING	1,000	L.S.	-	1.00	1.00	\$ 43,860.00	\$ 43,860.00
202-01	Removal of Structures & Obstructions	1,000	L.S.	-	1.00	1.00	\$ 2,290.00	\$ 2,290.00
202-01.01	Removal of Strs & Obstrns (Exist Ret Wall)	1,000	L.S.	-	1.00	1.00	\$ 3,550.00	\$ 3,550.00
202-01.50	Removal of Strs & Obstrns (McDs Sign Sta 201+00 LT)	1,000	L.S.	-	1.00	1.00	\$ 1,890.00	\$ 1,890.00
202-01.51	Removal of Strs & Obstrns (McDs Sign Sta 202+25 LT)	1,000	L.S.	-	1.00	1.00	\$ 580.00	\$ 580.00
203-01	ROAD AND DRAINAGE EXCAVATION (UNCLASS)	11,653.000	C.Y.	-	4,696.50	4,696.50	\$ 15.50	\$ 72,795.75
203-04	Placing and Spreading Topsoil	158.000	C.Y.	-	622.00	622.00	\$ 12.00	\$ 7,464.00
203-05	UNDERCUTTING (SHOT ROCK BACKFILL)	200.000	C.Y.	-	-	-	\$ -	\$ -
203-06	WATER	643.000	M.G.	-	-	-	\$ 45.00	\$ -
203-07	Furnishing and Spreading Topsoil	2,842.000	C.Y.	-	632.00	632.00	\$ 12.00	\$ 7,584.00
204-06	Early Strength Flowable Fill	750.000	C.Y.	-	139.00	139.00	\$ 60.00	\$ 8,340.00
204-07	BEDDING MATERIAL (PIPE) CLASS B	520.000	C.Y.	-	397.80	397.80	\$ 38.00	\$ 15,116.40
206-01	Final Dressing	8.000	STA.	-	8.00	8.00	\$ 7,500.00	\$ 60,000.00
209-05	SEDIMENT REMOVAL	250.000	C.Y.	-	1.00	1.00	\$ 2.50	\$ 2.50
209-06.04	Excelsior Sediment Log	1,250.000	L.F.	-	130.00	130.00	\$ 3.60	\$ 468.00
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	1,250.000	L.F.	-	550.00	550.00	\$ 4.45	\$ 2,447.50
209-20.03	POLYETHYLENE SHEETING (6 MIL MIN)	135.000	S.Y.	-	-	-	\$ 2.60	\$ -
209-40.46	CATCH BASIN FILTER ASSEMBLY(TYPE 6)	22.000	EACH	-	-	-	\$ 670.00	\$ -
209-40.48	CATCH BASIN FILTER ASSEMBLY(TYPE 8)	5.000	EACH	-	-	-	\$ -	\$ -
303-01	MINERAL AGGREGATE, TYPE A, GRADING D	6,829.000	TON	-	5,625.29	5,625.29	\$ 18.50	\$ 104,067.87
303-10.01	MINERAL AGGREGATE (SIZE 57)	300.000	TON	-	87.66	87.66	\$ 26.90	\$ 2,358.05
307-03.01	PERF GRADE (PG76-22): (BPMB-HM) GR A	3,150.000	TON	-	986.36	986.36	\$ 82.60	\$ 81,473.34
307-03.08	PERF GRADE (PG76-22)(BPMB-HM,GR B-M2)	2,262.000	TON	-	1,773.96	1,773.96	\$ 89.70	\$ 159,124.21
402-01	BITUMINOUS MATERIAL FOR PRIME COAT	20.000	TON	-	-	-	\$ 650.00	\$ -
402-02	AGGREGATE FOR COVER MATERIAL (PC)	79.000	TON	-	-	-	\$ 28.00	\$ -
403-01	BITUMINOUS MATERIAL FOR TACK COAT	4.000	TON	-	-	-	\$ 615.00	\$ -
407-20.05	SAW CUTTING ASPHALT PAVEMENT	1,325.000	L.F.	-	2,327.00	2,327.00	\$ 5.00	\$ 11,635.00
411-03.10	ACS MIX (PG76-22) GRADING D	1,493.000	TON	-	1,707.87	1,707.87	\$ 98.60	\$ 168,395.98
415-01.02	COLD PLANING BITUMINOUS PVMT (1.25" DEPTH)	8,517.000	S.Y.	-	16,695.60	16,695.60	\$ 2.10	\$ 35,060.76
604-08.10	RETAINING WALL (STA 103+72 to 106+15)	1.000	L.S.	-	-	-	\$ 143,740.00	\$ -
607-03.02	18 INCH CONCRETE PIPE CULVERT (CLASS III)	1,556.000	L.F.	-	1,638.00	1,638.00	\$ 43.90	\$ 71,908.20
607-03.022	18" RCP CLASS III (FLOWABLE FILL BACKFILL)	137.000	L.F.	-	144.00	144.00	\$ 82.20	\$ 11,836.80
607-05.02	24" Concrete Pipe Culvert (CL III)	145.000	L.F.	-	16.00	16.00	\$ 56.20	\$ 899.20
607-05.02A	24" RCP CLASS III (FLOWABLE FILL BACKFILL)	84.000	L.F.	-	59.00	59.00	\$ 112.00	\$ 6,608.00
607-07.02	36" Concrete Pipe Culvert (Class 3)	42.000	L.F.	-	42.00	42.00	\$ 80.70	\$ 3,389.40
607-07.022A	36" RCP CLASS III (FLOWABLE FILL BACKFILL)	141.000	L.F.	-	-	-	\$ 204.00	\$ -
607-39.03	24" PIPE CULVERT (SIDE DRAIN)	145.000	L.F.	-	84.00	84.00	\$ 43.10	\$ 3,620.40
608-35.01	8" DIP CL350, COMPLETE IN PLACE	435.000	L.F.	-	593.00	593.00	\$ 70.00	\$ 41,510.00
608-35.02	16" DIP CL350, COMPLETE IN PLACE	774.000	L.F.	-	365.00	365.00	\$ 125.00	\$ 45,625.00
608-36.03	FIRE HYDRANT, COMPLETE IN PLACE	2.000	EACH	-	2.00	2.00	\$ 4,500.00	\$ 9,000.00
611-01.03	MANHOLES, >8'-12' DEPTH	2.000	EACH	-	-	-	\$ 4,500.00	\$ -
611-01.20	ADJUSTMENT OF EXISTING MANHOLES (CASTING)	4.000	EACH	-	4.00	4.00	\$ 420.00	\$ 1,680.00
611-01.21	REWORK MANHOLE (SPRAY ROCK LINING)	4.000	EACH	-	-	-	\$ 1,570.00	\$ -
611-07.01	Class A Concrete (Pipe Endwalls)	3.000	C.Y.	-	3.00	3.00	\$ 875.00	\$ 2,625.00
611-07.02	Steel Bar Reinforcement (Pipe Endwalls)	292.000	LBS	-	292.00	292.00	\$ 2.80	\$ 817.60
611-07.03	Structural Steel (Pipe Endwalls)	405.000	LBS	-	405.00	405.00	\$ 1.25	\$ 506.25
611-09.02	REWORK EXIST DRAINAGE STR (STA 204+50 LT)	1.000	EACH	-	1.00	1.00	\$ 2,500.00	\$ 2,500.00
611-12.02	Catch Basins, Type 12, >4'-8' Depth	19.000	EACH	-	15.00	15.00	\$ 2,050.00	\$ 30,750.00
611-13.02	CATCH BASINS, TYPE 13, > 4'-8' DEPTH	4.000	EACH	-	2.00	2.00	\$ 2,240.00	\$ 4,480.00
611-16.02	CATCH BASINS, TY 16, > 4'-8' DEPTH	5.000	EACH	-	5.00	5.00	\$ 3,815.00	\$ 18,075.00
701-01.01	CONCRETE SIDEWALK (4")	9,200.000	S.F.	-	10,710.00	10,710.00	\$ 4.90	\$ 52,479.00
701-02.02	CONC SW (RETRO FIT EXIST SW W/ HC RAMP)	2,500.000	S.F.	-	2,920.00	2,920.00	\$ 6.65	\$ 19,418.00
701-99.91	RAISED CONC MEDIAN (3991SF + 6-30 C&G)	2.000	EACH	-	3.00	3.00	\$ 2,000.00	\$ 6,000.00
701-99.92	RAISED SOD MEDIAN (1120SF + 6-30 C&G)	1.000	L.S.	-	1.00	1.00	\$ 35,990.00	\$ 35,990.00
702-01.01	EXTRUDED MOUNTABLE CURB	2,700.000	L.F.	-	820.00	820.00	\$ 3,800.00	\$ 3,800.00
702-03	CONCRETE COMBINED CURB AND GUTTER	225.000	C.Y.	-	171.45	171.45	\$ 4.15	\$ 3,403.00
708-02.01	MARKERS (CONCRETE R.O.W. POSTS)	5.000	EACH	5.00	-	-	\$ 160.00	\$ 27,432.00
710-02	Aggregate Underdrains w/ Pipe	1,270.000	L.F.	-	-	5.00	\$ 250.00	\$ 1,250.00
712-01	TRAFFIC CONTROL	1.000	L.S.	-	1.00	1.00	\$ 4.45	\$ -
							\$ 111,625.00	\$ 111,625.00

775-10.81	16"X16" CROSS, COMPLETE IN PLACE	1.000	EACH	-	1.00	1.00	\$ 2,050.00	\$ 2,050.00
777-50.50	8"X6" TEE, COMPLETE IN PLACE	2.000	EACH	-	3.00	3.00	\$ 395.00	\$ 1,195.00
777-50.51	8" GATE VALVE (W/ MJ LUGS, COMPLETE IN PLACE)	3.000	EACH	-	3.00	3.00	\$ 1,325.00	\$ 3,975.00
777-50.52	16" MJ LONG SOLID SLEEVE W/ MJ LUGS	3.000	EACH	-	3.00	3.00	\$ 795.00	\$ 2,385.00
777-50.53	16" Butterfly Valve w/ MJ Lugs & Box	2.000	EACH	-	1.00	1.00	\$ 3,580.00	\$ 3,580.00
801-01.07	TEMPORARY SEEDING (WITH MULCH)	216.000	UNIT	-	25.00	25.00	\$ 25.00	\$ 625.00
801-03	WATER (SEEDING AND SODDING)	62.000	M.G.	-	11.00	11.00	\$ 10.00	\$ 110.00
803-01	SODDING (NEW SOD)	6,500.000	S.Y.	-	3,450.00	3,450.00	\$ 2.90	\$ 10,095.00
804-01	ANTIQUED COLONIAL PAVERS	250.000	S.F.	-	135.00	135.00	\$ 18.60	\$ 2,511.00
920-10	10" SANITARY SEWER (PIPE BURSTING) COMPLETE	542.000	L.F.	171.80	370.20	542.00	\$ 106.00	\$ 57,452.00
920-10.04	DAMPENING DEVICE	4.000	EACH	-	4.00	4.00	\$ 890.00	\$ 3,560.00
920-10.05	GATOR PATCH & SPLICE	1.000	L.S.	-	1.00	1.00	\$ 680.00	\$ 680.00
920-10.06	FIBER OPTIC SPLICING	1.000	L.S.	-	1.00	1.00	\$ 4,200.00	\$ 4,200.00
920-11.04	UTILITY MANHOLE (4'X4' SQUARE)	1.000	EACH	-	1.00	1.00	\$ 5,500.00	\$ 5,500.00
920-11.05	ROADWAY CONT ALLOW	1.000	L.S.	0.013750	0.31578500	0.33253500	\$ 200,000.00	\$ 66,507.00
920-12	PRECAST CONCRETE CAP STONE	243.000	L.F.	-	243.00	243.00	\$ 33.00	\$ 8,019.00
920-12.04	NEW CONCRETE WHEEL STOP (TRACT #7)	6.000	EACH	-	-	-	\$ 48.20	\$ -
920-12.05	WATER & SEWER CONT ALLOW	1.000	L.S.	-	0.21115000	0.21115000	\$ 100,000.00	\$ 21,115.00
920-13.04	WATER LINE/ UTILITY CONFLICT (DETAIL #7)	6.000	EACH	-	-	-	\$ 5,300.00	\$ -
920-14.04	Irrigation System Repair & Replacement (Tract #7)	1.000	L.S.	-	1.00	1.00	\$ 670.00	\$ 670.00
920-15.04	EXIST CONC WHEEL STOP (REMOVE & REINSTALL)	8.000	EACH	-	8.00	8.00	\$ 35.00	\$ 280.00
920-16.04	Relocate/Reconnect & Energize Parking Lot Lighting (T	1.000	L.S.	-	1.00	1.00	\$ 2,050.00	\$ 2,050.00
920-17-04	Rubber Speed Bumps	9.000	EACH	9.00	-	9.00	\$ 390.00	\$ 3,510.00
924-08.11A1	RETAINING WALL (STA 103+72 to 106+15)	1.000	L.S.	-	1.00	1.00	\$ 124,461.81	\$ 124,461.81
924-08.12	RETAINING WALL (STA 103+72 to 106+15) (CONTEC	1.000	L.S.	-	-	-	\$ -	\$ -

		Current	Previous	TOTAL
TOTALS		\$ 37,612.90	\$ 2,048,391.92	\$ 2,086,004.82
Less				
Retainage	5.00%	\$ 1,880.65	\$ 102,419.60	\$ 104,300.24
Bond	0.00%	\$ -	\$ -	\$ -
TRBA	0.00%	\$ -	\$ -	\$ -
SUB-TOTAL		\$ 35,732.26	\$ 1,945,972.32	\$ 1,981,704.58
Less Previous Payments				\$ 1,945,972.32
AMOUNT DUE		<u>\$ 35,732.26</u>		<u>\$ 35,732.26</u>