

SUPPLEMENTAL AGREEMENT

Page 1 of 3
No 1 (SM CO 009)

Road No(s) I-4 (Saxon Blvd) Federal Aid Project No(s) 0042 215 I & 0042 227 I (FAO)
Fin Proj ID 242716 1 52 01 & 242655 1 52 01

This agreement entered into this 5th day of December 2005, such an agreement to be effective on the last date of execution by a party hereto, by and between the State of Florida Department of Transportation "Department", and Ranger Construction Industries, Inc "Contractor", and United States Fidelity & Guaranty Company "Surety", the same being supplementary to Contract T5072 by and between the parties aforesaid, dated 1/11/2005 for the construction or improvement of the road(s) and bridge(s) assigned the project number(s) shown above, in Volusia Count(y)(ies) Florida

(1) The Department hereby intends to amend this contract by

Add Pay Item 9999 3 Innovative Bridge Replacement at Graves Avenue, Qty 1 LS for a total \$568,175 00

(1) continued on attachment page

Revised Plan Sheet Nos N/A

(2) The quantities to be paid shall be determined as provided in the Standard Specifications, Edition of 2004
The quantities so determined shall be paid at the unit prices stated on the attached sheets

(3) It is further agreed that this supplemental agreement shall not alter or change in any manner the force and effect of the original Contract No T5072, including any previous amendments thereto except insofar as the same is altered and amended by this supplemental agreement

(4) The Department and the Contractor agree that the contract time adjustment and sum agreed to in this Supplemental Agreement constitute a full and complete settlement of the matters set forth herein, including all direct and indirect costs for equipment, manpower, materials, overhead, profit and delay relating to the issues set forth in the Supplemental Agreement This settlement is limited to and applies to any claims arising out of or on account of the matters described and set forth in this Supplement Agreement

Granted Time this Agreement 0 Days

Net Change in Contract Amount this Agreement Increase \$568,175 00 Decrease \$ _____
No Change _____

Approved By [Signature]
BY Frank J O'Dea PE DCE 1/5/06
Print Name and Title Date

Executed By [Signature]
Secretary or Designee
BY Fred Ferrell PE Dir of Transportation Op 1-5-06
Print Name and Title Date

[Signature]
Attorney Department of Transportation Legal Review
BY Fredrick hose 1/4/06
Print Name Date

Executed By
Ranger Construction Industries Inc (SEAL)
Contractor

BY [Signature] 12-20-05
Title VP Date

ATTEST [Signature] 12/21/05
ASST Secretary Date

Not required _____ (SEAL)
Surety

BY Not Required _____
Florida Licensed Insurance Agent Date

SCANNED
JAN 06 2005
D-5 CONSTRUCTION

(1) continued

Reason Innovative Bridge Replacement at Graves Avenue consists of removal of existing spans 2 & 3 over I-4 in one piece and placing them offsite for demolition, simultaneous construction of the substructure and the superstructure (offsite) and the transportation of the completed superstructure to its final position in order to limit the closure of Graves Avenue to the traveling public. The benefit of limiting the Graves Avenue detour is it will be closed for approximately four (4) months less than the contractor's original schedule using the new innovative technique.

The Department has requested to incorporate the innovative bridge replacement after the contract letting in order to limit the length of the Graves Avenue road closure to provide this benefit to the traveling public.

This supplemental agreement is necessary in order to keep the roads leading to the Graves Avenue Bridge over I-4 operationally functional.

(1) continued on pg 3

Change Order Report

Contract ID T5072
 Change Order Nbr 009 Force Acct ID 0
 Change Order Type Supplemental Agreement
 CO Description SA # 1 Bridge Replacement at Graves Aveune
 Zero Dollar Change Order No

Project Nbr	Item Code	Unit	Unit Price	Bid Qty	Prev Apprvd Qty	Curr CO Qty	Curr Apprvd Qty	Amount of Change
24271615201	9999 3	LS	\$568,175 00	0	0	1	1	This Chng \$568,175 00
Item Description GENERIC CONTRACT CHANGE(S/M ONLY)								
Supplemental Description1 Add Pay Item 9999 3 Bridge Replacement at Graves Avenue								
Supplemental Description2 Qty 1 LS for a total \$568,175 00								
CO Item Description Add Pay Item 9999 3 Bridge Replacement at Graves Avenue								
Prev Revised \$0 00								
New Revised \$568 175 00								
Bid Contract \$0 00								
Net Change \$568 175 00								
Pct Change 0								

Total Value for Change Order 009 = \$568,175 00

General or Standard Change Order Explanation

The Department has requested to incorporate the innovative bridge replacement after the contract letting in order to limit the length of the road closures at Graves Avenue to provide this benefit to the traveling public



The job FI989NDR, user I D
 FI989ND <MVS@DOT>
 12/02/2005 04 11 PM

To CN506CP@dot.state.fl.us
 cc
 bcc
 Subject FUNDS APPROVAL/REVIEWED FOR CONTRACT T5072

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
 FUNDS APPROVAL

Contract #T5072 Contract Type 1A Method of Procurement X
 Vendor Name RANGER CONSTRUCTION INDUSTRIES
 Vendor ID VF592098662002
 Beginning date of this Agmt 02/04/05
 Ending date of this Agmt 09/27/06

 Description
 I-4 FROM SAXON BLVD INTERCH TO SR 472_(00
 42-204-I)

 ORG-CODE *EO *OBJECT *AMOUNT *FIN PROJECT *FCT *CFDA
 (FISCAL YEAR) *BUDGET ENTITY *CATEGORY/CAT YEAR
 AMENDMENT ID *SEQ *USER ASSIGNED ID *ENC LINE(6S)/STATUS

Action SUPPLEMENTAL Funds have been APPROVED

55 054010506 *HC *563006 * 568175 00 *24271615201 *200 *
 2006 *55150200 *088716/06
 S002 *00 * SA 01 *0006/03

 TOTAL AMOUNT *\$ 568,175 00 *

 FUNDS APPROVED/REVIEWED FOR ROBIN M NAITOVE, CPA, COMPTROLLER
 DATE 12/02/2005

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
FHWA APPROVAL - MAJOR AND MINOR CONSTRUCTION CHANGES

700 010-47
CONSTRUCTION
01/03

Fin Proj ID: 242716-1-52-01 F.A.P No 00422151 S A No 2

County Volusia WPI No _____ Contract No T5072

Original Contract Amount \$27,591,339.81 Estimated Cost of Changes \$568,175.00

Granted Time 0 days Premium Cost¹ \$0

Reason for Granted Time NA

RECEIVED
NOV 09 2005

Description of Changes.

Innovative Bridge replacement at Graves Avenue consisting of the simultaneous construction of the substructure and the superstructure (offsite) and the transportation of the completed superstructure to its final position in order to limit the closure of Graves Avenue to the traveling public.

Reason for Changes

The Department has requested that the Contractor incorporate the innovative bridge replacement procedure after contract letting in order to limit the length of road closure at Graves Ave to provide the benefit to the traveling public. Attached is included cost benefit to traveling public utilizing the Arizona DOT model. Detour will be used for 4 months less for a savings of \$2,178,212.00. Lane closures on I4 will be 26 days less (\$44,359.50). Total savings to traveling public, \$2.2 million.

Work described from a Design Error or Omission Yes No

Revised Plans Required Yes No Revision Date, N/A

Revised Plan Sheet Nos. N/A

Negotiated Unit Prices ²			
Item No	Quantity	Item Description	Unit Price

FHWA Prior Verbal Approval for Major Changes Granted By:

Derek Fusco District Transportation Eng
Name Title Date

Received by _____
Initials

Recommended by:

[Signature] District Construction Engineer Date 11/15/05

Approved

[Signature] FHWA District Transportation Engineer Date 11/09/05

FHWA Participating² Cost \$568,175.00
Time (days) 0

All major changes in the plans or contract provisions must be approved in writing by FHWA in advance of their effective dates except that when emergency or unusual conditions justify, FHWA may give tentative advance approval orally and ratify such approval in writing in writing as soon thereafter as practicable. Documentation of verbal approval (when applicable) is required above before submitting this form to FHWA for written approval. All minor changes shall be approved in writing by FHWA retroactively.

1 Premium Cost is defined as additional cost which would not have been incurred if the work described herein had been included in the original contract.
2 Attach reasons justifying FHWA participation.



Florida Department of Transportation

JEB BUSH
GOVERNOR

719 S Woodland Blvd (MS 3-506)
DeLand, Florida 32720-6834
(386) 943-5350

DENVER J STUTLER, JR
SECRETARY

January 5, 2006

Ranger Construction Industries, Inc
1200 Elboc Way
Winter Garden, FL 34787

RE SUPPLEMENTAL AGREEMENT and NOTICE TO PROCEED TRANSMITTAL
Financial Project No 242716 1 52 01 & 242655 1 52 01
Federal Project No · 0042 215 I & 0042 227 I (FAO)
Contract No. T5072
County Volusia
Project Description I-4 (Saxon Blvd)

Dear Sir or Madam

Enclosed please find an executed original of SA # 1, for the above referenced project

If you have not already received a written Notice to Proceed for the work associated with this Supplemental Agreement, then please consider this as the official Notice

If you have any questions, please call Cyndi Pendarvis at (386) 943-5366

Sincerely,

Robin L Woods
District Operations Contract Manager

RLW cdp

Enclosures

DISTRICT FIVE OPERATIONS SUPPLEMENTAL AGREEMENT WORKSHEET

FIN# 242716-1-52-01 Contract # T5072 Fed Proj # 0042215I
Point of Contact (Name/Phone #)₁ Jay Segalla/407 330 68111 Email Address₁ jsegalla@tyln.com
Construction Project Manager ₁ James Richards
Contractor Point of Contact (Name/Phone #)₁ Chris Kennedy (Ranger)
Engineer of Record₂ C Brian Fuller

What is the change?₃ Innovative Bridge replacement at Graves Avenue consisting of the simultaneous construction of the substructure and the superstructure (offsite) and the transportation of the completed superstructure to its final position in order to limit the closure of Graves Avenue to the traveling public

Brief summary of Entitlement Analysis ₄ The Department has requested that the Contractor incorporate the innovative bridge replacement procedure after contract letting in order to limit the length of road closure at Graves Ave to provide this benefit to the traveling public

Brief summary of Time Analysis if adding days by SA ₄ N/A

How and when was change approved by Engineer of Record?₂ N/A

Is this a Claim Settlement?₅(Refer to CPAM 7 5) If yes, explain N/A

Plan Sheet Numbers to be revised and date N/A

Are there any other pending issues? No X Yes If yes, attach a brief explanation

Would you like to review the SA prior to sending to the Contractor for signature? No Yes X

Note. If multiple jobs, identify the specific FIN's this SA applies to and any funding information for JPA's (include what funding type such as State, local funds, etc) Attach a spreadsheet.

SA Amount: \$ 568,175.00 (Increase) (Decrease) ₆FAP \$ 568,175.00 Non-FAP \$ 0
Total Days Granted: 0 (Increase) (Decrease) ₆FAP Days: 0 Non-FAP Days: 0

Federal Participation Recommended by ₇: _____ (RE/SPE/ME Initial)

Time Recommended by ₇: N/A (RE/SPE/ME Initial)

all

DCE Approval

[Signature]
(Signature)

11/15/05
(Date)

A complete SA Package contains the documents listed below, if applicable. The RE/SPE/ME will review the SA Package and confirm that each item is attached. The RE/SPE/ME will initial each item prior to signing below. For information regarding Entitlement Analysis and Engineer's Estimate, refer to CPAM Chapter 7.3.7 and Guidance Document 7-3-A

(CPM Initial) JR CPM aware of proposed changes (for CCEI Projects)

(RE/SPE/ME Initial) [Initials] Engineer's Estimate ₃ Entitlement Analysis ₄ Time Analysis ₄
 Back-up Documentation ₈ Contractor's Updated Schedule Attached ₉

RE/SPE /ME RECOMMENDS ₁₀

[Signature]
(Signature)

11/15/05
(Date)

SA Coding Information ₁₁ Not required for Maintenance SA's.

(Note SA Coding is subject to change after review by District Office staff)

Issue #	Date	6- Digit Code	Issue Cost	Premium Cost	Description of Change
1	10/10/05	0130NN	\$568,175 00	\$0	Innovative bridge replacement method at Graves Ave

A Kurt Ostensen

From James Richards@dot.state.fl.us
Sent Monday, November 07, 2005 4:27 PM
To amy.scales@dot.state.fl.us
Cc jsegalla@tylin.com, kostensen@tbggroup.com
Subject Re: Traffic info Graves

In regards to the benefit of limiting the Graves Avenue detour, my understanding is that it will be closed four months less using the new innovative construction technique

Savings would be 120 days @ \$18,135.10 = \$2,176,212.00 in avoided costs for the traveling public. This added to the \$44,359.50 savings for fewer days of lane closures on I-4 gives a total savings of \$2,220,571.50 - (cost \$568,175.00) equals a benefit of over 1.65 million dollars to the traveling public.

James (Jim) Richards, P.E.
FDOT District Five Construction
Ph (407)328-3749, Suncom 392
Fax (386)943-5716
Cell (407)948-0595
james.richards@dot.state.fl.us

The following is a Cost/Benefit analysis of the Graves detour during the construction of the Graves Avenue bridge.

Inspection of the detour revealed that there are traffic lights at the following intersections: Graves/Normandy, Graves @ SR-472, SR-472 at the Eastbound Off ramp, SR-472 @ I-4 Westbound On ramp, SR-472 /Kennedy, Kennedy/Graves Avenue.

Because of the six traffic lights the analysis does not lend itself well to the Arizona model. To get real world figures I measured the mileage and time of both the original Graves Ave route (0.6 mile and 1.0 minute) and the Detour from Normandy to SR-472 to Kennedy and back to Graves (The average going both East and West was 2.05 miles and 5.5 minutes).

Subtracting the original distance and time from the detour gives 1.45 miles and 4.5 minutes additional per vehicle. The cost per vehicle would be \$0.50 x 1.45 miles and 4.5 min x \$10.45/hr / 60 min = \$1.51 each. The vehicle count on Graves-east of Kennedy is 12,010 vpd therefore the cost per day is

12010 x \$1.51 = \$18,135.10 for

every detour day.

The foregoing would likewise be a Benefit of \$18,135.10 times 180 days (detour time shortened by innovative bridge construction) total benefit savings to the public of \$3,264,318.00. The additional bridge construction cost subtracted from this would still be a savings of over 2.5 million.

This figure is very conservative as the light times could be longer depending on traffic - I did it at 9:30 AM, and I used the latest figure of 12010 vehicles per day on Graves and this could increase.

James (Jim) Richards, P.E.
FDOT District Five Construction
Ph (407)328-3749, Suncom 392
Fax (386)943-5716
james.richards@dot.state.fl.us

A Kurt Ostensen

From James Richards@dot.state.fl.us
Sent Tuesday, October 11, 2005 11:47 AM
To amy.scales@dot.state.fl.us
Cc jsegalla@tylin.com, kostensen@tbeigroup.com
Subject Re: Traffic info Graves

Importance High

The following is a Cost/Benefit analysis of the Graves detour during the construction of the Graves Avenue bridge.

Inspection of the detour revealed that there are traffic lights at the following intersections: Graves/Normandy, Graves @ SR-472, SR-472 at the Eastbound Off ramp, SR-472 @ I-4 Westbound On ramp, SR-472 /Kennedy, Kennedy/Graves Avenue.

Because of the six traffic lights the analysis does not lend itself well to the Arizona model. To get real world figures I measured the mileage and time, of both the original Graves Ave route (0.6 mile and 1.0 minute) and the Detour from Normandy to SR-472 to Kennedy and back to Graves (The average going both East and West was 2.05 miles and 5.5 minutes).

Subtracting the original distance and time from the detour gives 1.45 miles and 4.5 minutes additional per vehicle. The cost per vehicle would be $\$0.50 \times 1.45 \text{ miles} + 4.5 \text{ min} \times \$10.45 \text{ hr}/60 \text{ min} = \1.51 each. The vehicle count on Graves-east of Kennedy is 12,010 vpd therefore the cost per day is

$$12010 \times \$1.51 = \$18,135.10 \text{ for}$$

every detour day.

The foregoing would likewise be a Benefit of \$18,135.10 times 180 days (detour time shortened by innovative bridge construction) total benefit savings to the public of \$3,264,318.00. The additional bridge construction cost subtracted from this would still be a savings of over 2.5 million.

This figure is very conservative as the light times could be longer depending on traffic. I did it at 9:30 AM, and I used the latest figure of 12010 vehicles per day on Graves and this could increase.

James (Jim) Richards, P.E.
FDOT District Five Construction
Ph (407)328-3749, Suncom 392
Fax (386)943-5716
james.richards@dot.state.fl.us

Amy D Scales, P E
Resident Engineer
D5 Interstate Construction
(386)943-5729, SC 373-5729

James
Richards/D5/FDOT

10/18/2005 03 45
PM

kostensen@tbegroup com,
jsegalla@tylin com

To

cc

Amy Scales/D5/FDOT@FDOT

Subject

Additional savings in lane closure
avoidance on I-4 @ Graves Ave

Kurt,

In addition to the cost savings by limiting the number of days of the
detour the following may be added

The original plan would have used a total of 28 nights of lane closure to
remove the old bridge and to set the beams and pans and outriggers for the
new bridge The new system will only require 3 days total-one to remove
old bridges and 2 to set new bridges, using the off site superstructure
construction

This gives an additional savings of $25 \times \$1,690.23$ per day = \$42,255.75 savings
to the I-4 users

I have attached the Arizona DOT model computation for the I-4 lane closure
area

[attachment "Graves user costs xls" deleted by Amy Scales/D5/FDOT]

James (Jim) Richards, P E
FDOT District Five Construction
Ph (407)328-3749, Suncom 392
Fax (386)943-5716
Cell (407)948-0595
james richards@dot state fl us

Jacquelyn Moore

From A Kurt Ostensen [kostensen@tbegroup.com]
Sent Monday, November 07, 2005 1 29 PM
To 'Jacquelyn Moore'
Subject FW: Additional savings in lane closure avoidance on I-4 @ Graves Ave



Graves user
costs.xls

-----Original Message-----

From James.Richards@dot.state.fl.us [mailto:James.Richards@dot.state.fl.us]

Sent Monday, October 24, 2005 10:39 AM

To kostensen@tbegroup.com

Subject Fw: Additional savings in lane closure avoidance on I-4 @ Graves Ave

Kurt,

I have attached an amended lane closure spreadsheet for the Graves Ave detour during the new Bridge Construction. With the innovative bridge we expect to finish work on I-4 25 days sooner.

The total savings is 25 days X \$1,774.38 a day = \$44,359.50

James (Jim) Richards, P.E.
FDOT District Five Construction
Ph (407)328-3749, Suncom 392
Fax (386)943-5716
Cell (407)948-0595
james.richards@dot.state.fl.us

----- Forwarded by James.Richards/D5/FDOT on 10/24/2005 10:29 AM -----

Amy

Scales/D5/FDOT

10/20/2005 11:18 AM

James.Richards/D5/FDOT@FDOT

To

cc

jsegalla@tylin.com,
kostensen@tbegroup.com

Subject

Re: Additional savings in lane closure avoidance on I-4 @ Graves Ave (Document link James.Richards)

Jim, please review the changes I made to the ADOT model.

(See attached file Graves user costs.xls)

COMPUTATION OF DAILY VALUE

Project I-4 and Graves Avenue bridge
 FPN 242417-1-52-01
 County Volusia

11/7/05

PROJECT DATA	Unit	Condition 1	Condition 2	Condition 3	Condition 4	Condition 5	Condition 6
(work program est) as 12/10/04							
STATE ESTIMATED DURATION=	Days	600					
STATE \$ ESTIMATE=	\$	\$27,591,340					
ADT=	Veh	67,800					
TRUCKS=	%	13.5%					
AVG USER WAGE=	\$/Hr						
TOTAL # OF LANES OPEN (CONSTR)=	ea	1					
DURATION OF T C CONDITION=	Days	28					
SPEED LIMIT (CONSTR)=	mph	70					
LENGTH (CONSTR)=	Miles	1.000					
TOTAL # OF LANES OPEN (NEW)=	ea	2					
SPEED LIMIT (NEW)=	mph	70					
LENGTH (NEW)=	Miles	1					
CONSIDER OTHER IMPACTS (YES/NO)=		NO					
ONE DIRECTIONAL TRAFFIC (YES/NO)=		NO					
MAXIMUM DAILY VALUE=		\$9,197.11					
ADD'L TIME TO TRAVEL THRU=	Hrs	0.05					
DAILY VALUE=		\$1,774.38					
SUM=		\$1,774.38					
TOTAL DAILY VALUE ALLOWED=		\$1,774.38					

MODEL BASE OF ARIZONA DEPARTMENT OF TRANSPORTATION COST MODEL

Liquidated Damages= \$10,673.66

October 10, 2005

Robin Woods
Florida Department of Transportation - District 5
719 South Woodland Blvd
Deland, FL 32720

Subject Graves Avenue Bridge Replacement SA - Entitlement Analysis
SR 400 (I-4) Saxon to Cassadaga Road
FIN #s 242716-1-52-01 / 242655-1-52-01

Dear MS Woods

The Florida Department of Transportation has requested that the Contractor (Ranger Construction) incorporate an innovative bridge replacement construction method on the above referenced project. This request for a change was made after the contract had been awarded. The reason for the request is to limit the amount of time the Graves Avenue bridge will be closed to traffic, thus providing time and cost saving benefits to the traveling public affected by the shutdown. This innovative procedure will be a first for District 5 and the State of Florida.

Please accept this as 100% entitlement analysis to add this change to the current contract. Please give me a call if you have any further questions or comments.

Sincerely,



Jay Segalla, P.E.
Sr. Project Engineer

cc file



October 10, 2005

Robin Woods
Florida Department of Transportation - District 5
719 South Woodland Blvd
Deland, FL 32720

Subject Graves Avenue Bridge Replacement SA - Engineer's Estimate
SR 400 (I-4) Saxon to Cassadaga Road
FIN #s 242716-1-52-01 / 242655-1-52-01

Dear MS Woods

The Florida Department of Transportation has requested that the Contractor (Ranger Construction) incorporate an innovative bridge replacement construction method on the above referenced project. Please find the attached engineer's estimate for the added work including Contractor payroll and 2005 adjusted Kelly Blue Book rates for the anticipated work. I have also included the Contractor's cost breakdown for the added work. The engineer's estimate for the additional work exceeds the cost breakdown as provided by Ranger and justifies the Contractor's estimate. Please call me if you have any further questions.

Sincerely,



Jay Segalla, R E
Sr Project Engineer

cc file

**ENGINEER'S COST ESTIMATE FOR
INCREASE, DECREASE OR ALTERATION OF WORK**

Fin # 242716-1-52-01 **Contract** T5072 **Federal Project** 00422151
Contractor Ranger Construction
Project Engineer Jay Segalla / 407 330 6811

FDOT Project Manager James Richards
Engineer of Record C Brian Fuller

Prime Contractor	Ranger	
a) LABOR & BURDEN		\$ 10,891 19
b) MATERIALS		\$ 17 367 50
c) EQUIPMENT		\$ 50,237 15
d) INDIRECT COSTS EXPENSES & PROFIT		\$ 84,275 73
		<u>\$ 162 771 56</u>

Subcontractor	Leware (Ranger)	
a) LABOR & BURDEN		\$ 16 939 17
b) MATERIALS		\$ 24 115 74
c) EQUIPMENT		\$ -
d) INDIRECT COSTS EXPENSES & PROFIT		\$ 28 675 43
		<u>\$ 69 730 35</u>

Subcontractor	Mammoet (Leware)	
a) LABOR & BURDEN		\$ 345,000 00
b) MATERIALS		\$ -
c) EQUIPMENT		\$ -
		<u>\$ 345 000 00</u>

Subcontractor	IDA (Leware)	
a) LABOR & BURDEN		\$ 22 500 00
b) MATERIALS		\$ -
c) EQUIPMENT		\$ -
		<u>\$ 22 500 00</u>

TOTAL COST OF INCREASE, DECREASE, ALTERATION OF WORK		\$ 600,001 92
---	--	----------------------

Prime Contractor

Ranger

a) LABOR & BURDEN

LABOR	TIME	UNIT	RATE	BURDEN %	SUBTOTAL
Bid Item 10					
Hwy Laborer	20	Hr	\$ 10 00	50 41%	\$ 300 82
Dozer Operator	20	Hr	\$ 13 00	50 41%	\$ 391 07
Loader Operator	20	Hr	\$ 12 00	50 41%	\$ 360 98
Bid Item 20 - 8" RAP Base - Ramps					
Hwy Laborer	40	Hr	\$ 10 00	50 41%	\$ 601 64
Dozer Operator	40	Hr	\$ 13 00	50 41%	\$ 782 13
Loader Operator	40	Hr	\$ 12 00	50 41%	\$ 721 97
Hwy Laborer	20	Hr	\$ 10 00	50 41%	\$ 300 82
Grader Operator	20	Hr	\$ 23 00	50 41%	\$ 691 89
Loader Operator	20	Hr	\$ 12 00	50 41%	\$ 360 98
Roller Operator	20	Hr	\$ 12 00	50 41%	\$ 360 98
Truck Driver - on road	10	Hr	\$ 12 00	50 41%	\$ 180 49
Bid Item 30 - 4" RAP Base - Pads					
Hwy Laborer	20	Hr	\$ 10 00	50 41%	\$ 300 82
Dozer Operator	20	Hr	\$ 13 00	50 41%	\$ 391 07
Truck Driver - on road	10	Hr	\$ 12 00	50 41%	\$ 180 49
Grader Operator	10	Hr	\$ 20 00	50 41%	\$ 300 82
Loader Operator	10	Hr	\$ 12 00	50 41%	\$ 180 49
Roller Operator	10	Hr	\$ 12 00	50 41%	\$ 180 49
Bid Item 40 - 18" Pipe					
Laborer - Pipe Skilled	11	Hr	\$ 14 00	50 41%	\$ 231 63
Laborer - Pipe Unskilled	11	Hr	\$ 10 00	50 41%	\$ 165 45
Pipe Foreman	10	Hr	\$ 25 00	50 41%	\$ 376 03
Pipe Layer	10	Hr	\$ 11 50	50 41%	\$ 172 97
Loader Operator	11	Hr	\$ 12 00	50 41%	\$ 198 54
Bid Item 50 - Pavt Removal					
Hwy Laborer	60	Hr	\$ 10 00	50 41%	\$ 902 46
Dozer Operator	60	Hr	\$ 13 00	50 41%	\$ 1 173 20
Loader Operator	60	Hr	\$ 12 00	50 41%	\$ 1 082 95

TOTAL LABOR & BURDEN \$ 10 891 19

b) MATERIALS

MATERIAL	QTY	UNIT	RATE	SUBTOTAL
Bid Item 20 - 8" RAP Base - Ramps				
Rap Material,	2915	TN	\$ 3 50	\$ 10,202 50
Bid Item 30 - 4" RAP Base - Pads				
Rap Material,	1442	TN	\$ 3 50	\$ 5 047 00
Bid Item 40 - 18" Pipe				
18" CMP	100	FT	\$ 15 00	\$ 1,500 00
Joint Fabric	10	FT	\$ 0 50	\$ 5 00
Pipe Lube	0 26	PA	\$ 50 00	\$ 13 00
57 Stone	25	TN	\$ 24 00	\$ 600 00
				\$ -
				\$ -
				\$ -

TOTAL MATERIALS \$ 17 367 50

c) EQUIPMENT

EQUIPMENT	Operating		Stand-By		SUBTOTAL
	FHWA RATE w/ Adjustments	HRS	50% of Ownership cost w/ Adjustments	HRS	
Bid Item 10 - Excavation & Borrow					
Haul Trucks	\$ 58 35	20			\$ 1 167 00
Dozer Cat D5	\$ 45 06	20			\$ 901 20
Loader Cat 950	\$ 52 15	20			\$ 1 043 00
Bid Item 20 - 8" RAP Base - Ramps					
Dozer Cat D5	\$ 45 06	40			\$ 1,802 40
Loader Cat 950	\$ 52 15	40			\$ 2 086 00
Haul Trucks	\$ 58 35	200			\$ 11 670 00
Grader Cat 12G	\$ 47 35	20			\$ 947 00
Loader Cat 950	\$ 52 15	20			\$ 1,043 00
Vibratory Roller Lrg	\$ 45 72	20			\$ 914 40
Water Trucks	\$ 42 30	10			\$ 423 00
Bid Item 30 - 4" RAP Base - Pads					
Dozer Cat D5	\$ 45 06	20			\$ 901 20
Grader Cat 12G	\$ 47 35	20			\$ 947 00
Loader Cat 950	\$ 52 15	20			\$ 1 043 00
Vibratory Roller Lrg	\$ 45 72	20			\$ 914 40
Water Trucks	\$ 42 30	10			\$ 423 00
Bid Item 40 - 18" Pipe					
Loader Cat 950	\$ 52 15	11			\$ 573 65
Pipe Crew Truck	\$ 10 03	10			\$ 100 30
Bid Item 50 - Pavt Removal					
Haul Trucks	\$ 58 35	300			\$ 17,505 00
Dozer Cat D5	\$ 45 06	60			\$ 2 703 60
Loader Cat 950	\$ 52 15	60			\$ 3 129 00
					\$ -

TOTAL EQUIPMENT \$ 50,237 15

d) INDIRECT COSTS EXPENSES AND PROFIT

(1) 17.5 % fo the sum of a), b) & c) above		\$	13 736 77
(1) BOND		\$	1,177 44
(1) SUBCONTRACTOR MARKUP			
Sub costs for extra work	\$	437,230 35	
First \$50,000 10%	\$	50 000 00	
Over \$50 000 5%	\$	19 361 52	
		\$	<u>69,361 52</u>
		\$	84,275 73
(2) Average Overhead per day			
A Original Contract Amount		\$	27,591,339 81
B Original Contract Time			600
C 8%			
D = $\frac{A \times C}{B}$		\$	3,678 85
Calander days of entitlement			<u>0</u>
		\$	-

**ENGINEER'S COST ESTIMATE FOR
INCREASE, DECREASE OR ALTERATION OF WORK**

Fin # 242716-1-52-01 Contract T5072 Federal Projec 0042215I
 Contractor Ranger Construction
 Project Engineer Kurt Ostensen / 407 330 6811

FDOT Project Manager James Richards
 Engineer of Record C Brian Fuller

Subcontractor	Leware Construction	
a) LABOR & BURDEN		\$ 16,939 17
b) MATERIALS		\$ 24,115 74
c) EQUIPMENT		\$ -
d) INDIRECT COSTS EXPENSES & PROFIT		\$ 28,675 43
		<u>\$ 69 730 35</u>

Subcontractor	Mammoet (Leware)	
a) LABOR & BURDEN		\$ 345,000 00
b) MATERIALS		\$ -
c) EQUIPMENT		\$ -
		<u>\$ 345,000 00</u>

Subcontractor	IDA (Leware)	
a) LABOR & BURDEN		\$ 22 500 00
b) MATERIALS		\$ -
c) EQUIPMENT		\$ -
		<u>\$ 22,500 00</u>

Total Subcntractor Cost \$ 437,230 35

Subcontractor Leware (Ranger)
 a) LABOR & BURDEN

LABOR	TIME	UNIT	RATE	BURDEN %	SUBTOTAL
Skilled Labor	513	Hr	\$ 14 00	50 41%	\$ 10,802 45
Field Engineer	96	Hr	\$ 42 50	50 41%	\$ 6 136 73
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -

TOTAL LABOR & BURDEN \$ 16 939 17

**ENGINEER'S COST ESTIMATE FOR
INCREASE DECREASE OR ALTERATION OF WORK**

Fin # 242716 1 52 01 Contract T5072 Federal Projec 00422151
 Contractor Ranger Construction
 Project Engineer Kurt Ostensen / 407 330 6811

FDOT Project Manager James Richards
 Engineer of Record C Brian Fuller

Subcontractor IDA (Leware)

a) LABOR & BURDEN

LABOR	TIME	UNIT	RATE	BURDEN %	SUBTOTAL
Specialty Engineer	1	LS	\$ 22 500 00		\$ 22 500 00
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -

TOTAL LABOR & BURDEN \$ 22 500 00

b) MATERIALS

MATERIAL	QTY	UNIT	RATE	SUBTOTAL
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -

TOTAL MATERIALS \$ -

c) EQUIPMENT

EQUIPMENT	Operating		Stand-By		SUBTOTAL
	FHWA RATE w/ Adjustments	HRS	50% of Ownership cost w/ Adjustments	HRS	
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -

TOTAL EQUIPMENT \$ -

TOTAL \$ 22 500 00

DISTRICT OPERATIONS SUPPLEMENTAL AGREEMENT PROCESS CHECKLIST

FIN 24271615201 Contract T5072 SA # 1 \$ 568,175.00 Time 0
 Fund FAO Job Desc I-4 - Saxon Blvd. Status UC Over \$10 M y SM CO 009
 PA Jay Segalla - Tylis
 PM Jim Richards

CONTRACTOR Ranger Construction Industries, Inc.
 CONTRACTOR SURETY United States Fidelity & Guaranty Company Over 25% n

11-15-05 PAP Entry (Initial Receipt) SPEC YEAR 2004
11-15-05 SA: Worksheet (must be signed by RE/SPE/ME/ ENG) (Claim Settlement YES NO)

NA Entitlement Analysis
1 Time Analysis (if days are included on SA)
1 Engineer's Estimate
1 Backup Documentation (Blue Book Rates, invoices, Statewide/District-wide averages, labor rates, etc.)

1 CSA: w/ Spreadsheet

11-18-05 (FAO jobs only) FHWA Approval by FHWA Area Engineer (Form 700-010-47)

11-18-05 (FAO jobs only) DCE Approval on FHWA Form (Form 700-010-47) Email Copy to Joyce: _____

11-15-05 SA: To DCE to review/signature of SA Worksheet pkg & backup documentation Returned: _____

SA/CSA's: (56 Phase) Email Gary Bass, Dist. Utilities

11-15 Work Program: Budget & Fund Authorization (6SI2,CI04,WP21,PC29) Requested _____ Approved _____

12-1 CFM: Encumbrance Requested (Comptroller's Office)

11-29 Site Manager Draft: Add as 'draft', print 1 original and add to original SA

11-29 JET FORMS Draft: Generate 1 of SA, CSA, FSA or Unilateral (Surety sig: all SA's total > 25% orig. contract)

11-29 SA: Email PA DRAFT of SA for review Returned: _____

12-2 Encumbrance Approved (Print approved Enc form and staple to inside left of red folder)

12-2 (SA's only) Email notification of Funds Approval to PA and request NTP for work & revised sched.(if appl)

12-2 PAP Update (Encumbrance Approved)

12-2 JET FORMS Original: Generate/Date 1 of SA, CSA, FSA or Unilateral

12-2 PAP Update (Date of SA)

12/19 FSA Initials: (Modifying Spec Change/Extend Proj Limits) to initial: FO _____ T. Lattner _____ /APP _____

12/19 Initials: To Legal (to initial unsigned SA; sign Unilateral; CSA needs no initials) (PAP) Returned: _____

12/19 Initials: To DCE (to initial unsigned FSA; and same as above)(PAP) (or Dir of Ops, over \$150k) Returned: _____

12/20 Emailed/Mailed to Contractor, CC: PA, PM (PAP)

(SA < \$150K to CEI/Resident Office; > \$150K to DOCO; CSA & FSA to DOCO)

12 SA's returned by CEI, Res. Office, or Contractor (2 originals) (PAP) (verify correct signatures & any changes made)

12 Disencumber funds if necessary (WP and CFM)

1-3 To Legal (signature) (PAP) Returned: _____

To DCE (signature) (PAP) _____ or Dir of Ops, over \$150k) _____ (If over \$500k claim, GG notarized Cert req'd)

Site Manager Approve: Update (approve), print 2 originals and add to original SA

SA/Unilateral: NTP Received/Letter (Not if F.A.)

Mail to Contractor (1 executed original: SA, SM, NTP) (#pages) *** (DO NOT mail Unilaterals or F.A.)

1-5 Contract Payment Section (or Dist. Fiscal): Scan SA, Email to (request sts 10)(SA, SM, ENC APPRV, FHWA)

Status Change 10 approved (R/R) (PAP) (Status 10=DATE)

Contract Status Change Form to S. Kegel (Dist let/Dist paid only) (Scan/Email CSCF/copy of SA/Enc)

Distribution: (SA, SM, ENC APPRV, NTP, SA PKG, CHECKLIST)

PA, PM (SA's only) Roger Schmitt (FAO) Derek Fusco (FHWA)

George Borchik (SA/CSA 56 Phase) Gary Bass (EAO before T5025) Precilla Roberts

Alida Schmitt (SA's original contract > \$10M) Tim Lattner (Warr. Change) Larry Stone

Document to Hummingbird _____ Schedule Received (If applicable)

1-5 Final PAP Update _____ Status 10 Complete (6SI/ CI/ BI)

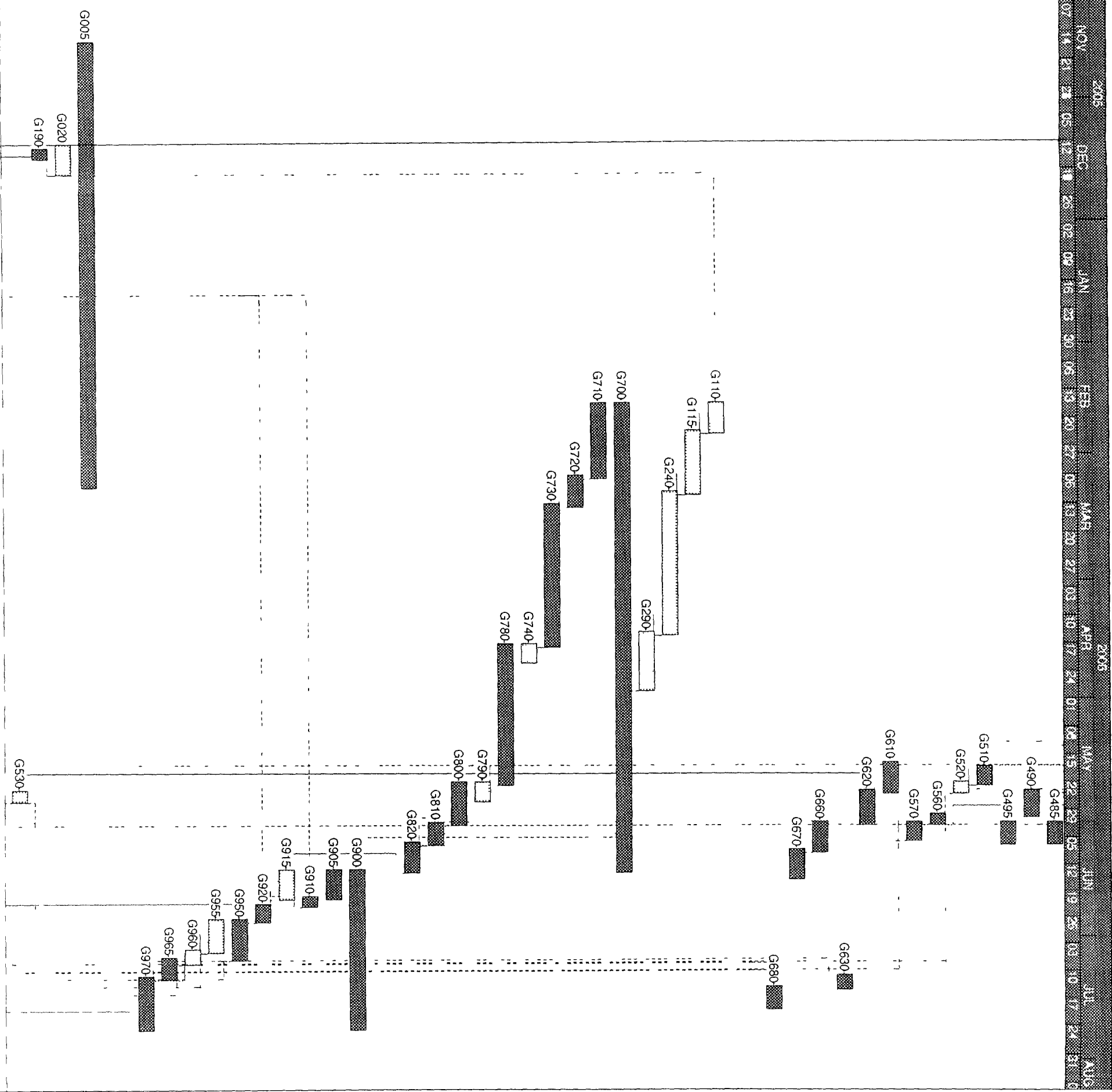
(FSA) Change lead time in PAP _____ FA Date (FA give to RW)

UNILATERALS ONLY (Give to Robin when complete for payment processing and mailing)

Generate estimate _____ Mail estimate w/Unilateral letter

Scan estimate/hitlist to Project Admin. _____ File estimate

Activity ID	Description	Original Duration	Entry Start	Entry Finish	Total Foot	Percent Complete	2005	2006									
							NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	
G485	Side 2 OPT GB 4	3	06/01/06	06/06/06	0	0											
G490	Finish Base Side 2 Mainline	3	05/24/06	05/30/06	0	0											
G495	Finish Base Side 2 Shoulders	3	06/01/06	06/06/06	0	0											
G510	Pave SP Traffic Level C Side 1	2	05/18/06	05/22/06	0	0											
G520	Pave FC 6 and Stripe Side 1	2	05/22/06	05/24/06	41d	0											
G560	Pave SP Traffic Level C Side 2	2	05/30/06	06/01/06	0	0											
G570	Pave FC 6 and Stripe Side 2	2	06/01/06	06/05/06	0	0											
G610	Install Sidewalk Side 1	5	05/17/06	05/24/06	0	0											
G620	Install Aluminum Railing Side 1	5	05/24/06	06/01/06	0	0											
G630	Install Guardrail Side 1	3	07/11/06	07/14/06	0	0											
G660	Install Sidewalk Side 2	5	06/01/06	06/08/06	0	0											
G670	Install Aluminum Railing Side 2	5	06/08/06	06/15/06	0	0											
G680	Install Guardrail Side 2	3	07/14/06	07/19/06	0	0											
Bridge																	
G110	Remove Spans 2 and 3	5	02/16/06	02/23/06	31d	0											
G115	Remove Pier 2	11	02/23/06	03/10/06	31d	0											
G240	Footings Columns and cap Pier 2	25	03/10/06	04/14/06	31d	0											
G290	Cure Pier 2	10	04/14/06	04/28/06	31d	0											
G700	Bridge	82*	02/16/06	06/13/06	0	0											
G710	Temporary Benches	12	02/16/06	03/06/06	0	0											
G720	Set FBT 78 on Temporary Benches	5	03/06/06	03/13/06	0	0											
G730	Diaphragms & Deck Span 1	25	03/13/06	04/17/06	0	0											
G740	Parapet Span 1	4	04/17/06	04/21/06	36d	0											
G780	Diaphragms & Deck Span 2	25	04/17/06	05/22/06	0	0											
G790	Parapet Span 2	4	05/22/06	05/26/06	11d	0											
G800	Cure Deck	7	05/22/06	06/01/06	0	0											
G810	Applied finishes	3	06/01/06	06/06/06	0	0											
G820	Fencing and Signage	5	06/06/06	06/13/06	0	0											
Move Bridge																	
G900	Move Bridge	28*	06/13/06	07/24/06	0	0											
G905	Lift Span 1	5	06/13/06	06/20/06	0	0											
G910	Set Span 1	2	06/20/06	06/22/06	0	0											
G915	Lift Span 2	5	06/13/06	06/20/06	2d	0											
G920	Set Span 2	2	06/22/06	06/26/06	0	0											
G950	Complete Substructure	7	06/26/06	07/06/06	0	0											
G955	Deck Closure pour	5	06/26/06	07/04/06	11d	0											
G960	Parapet closure pours	3	07/04/06	07/07/06	11d	0											
G965	Approach Slab Closure pours	3	07/06/06	07/11/06	0	0											
G970	Traffic Railings	9	07/11/06	07/24/06	0	0											
Other																	
G005	Cast & Cure FBT 78	60	11/16/05	03/08/06	0	0											
G020	Mannocet Mobilization	5	12/12/05	12/19/05	72d	0											
G190	Remove Signage on Graves	2	12/13/05	12/15/05	0	0											
G530	Install Misc Asphalt for Guardrail Side 1	2	05/24/06	05/26/06	10d	0											

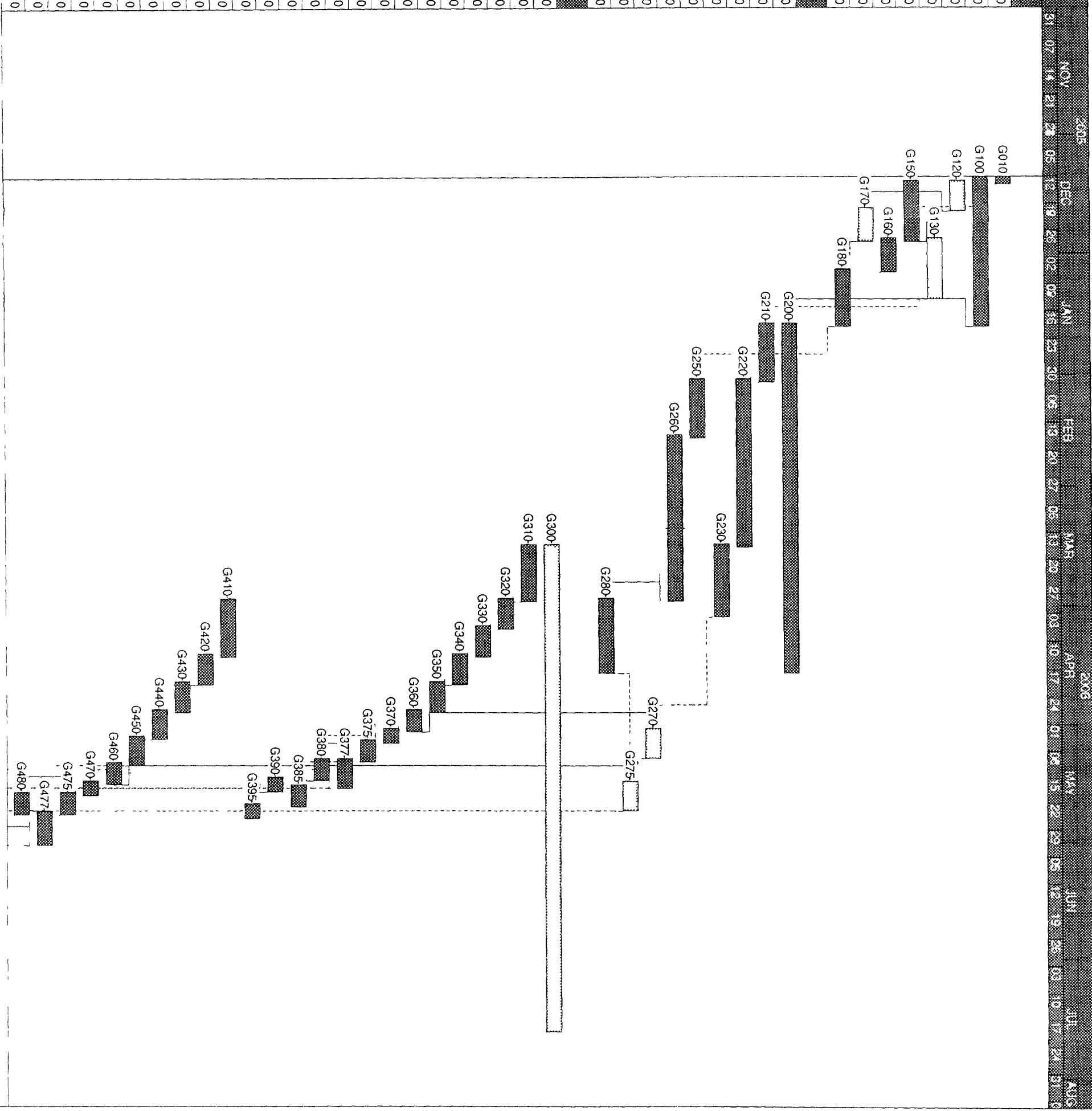


Activity ID	Description	Original Duration	Early Start	Early Finish	Total Float	Percent Complete
-------------	-------------	-------------------	-------------	--------------	-------------	------------------

Demolition						
G010	Close Road and Install Detour	1	12/12/05	12/13/05	0	0
G100	Demolition	26 *	12/12/05	01/19/06	0	0
G120	Remove existing Asphalt and Limerock Abutment 1	5	12/13/05	12/20/05	5d	0
G130	Remove Slope Pavement and Embankment EB 1	10	12/28/05	01/12/06	5d	0
G150	Remove Span 1	10	12/13/05	12/28/05	0	0
G160	Remove Span 4	5	12/28/05	01/05/06	0	0
G170	Remove existing Asphalt and Limerock Abutment 3	5	12/20/05	12/28/05	5d	0
G180	Remove Slope Pavement and Embankment EB 3	10	01/05/06	01/19/06	0	0

Abutments						
G200	Abutments	62 *	01/19/06	04/17/06	25d	0
G210	Piling EB 1	10	01/19/06	02/02/06	0	0
G220	MSE wall 1 2 3	30	02/02/06	03/16/06	0	0
G230	Cap & Backwall EB 1	12	03/16/06	04/03/06	28d	0
G250	Piling EB 3	10	02/02/06	02/16/06	0	0
G260	MSE wall 4.5 6	30	02/16/06	03/30/06	0	0
G270	Approach Slab 1	5	05/02/06	05/09/06	7d	0
G275	Approach Slab 2	5	05/16/06	05/23/06	4d	0
G280	Cap & Backwall EB 3	12	03/30/06	04/17/06	25d	0

Roadway						
G300	Roadway	87 *	03/16/06	07/19/06	3d	0
G310	Embankment Side 1 part 1 of 2	10	03/16/06	03/30/06	0	0
G320	Drainage S315 to S319	5	03/30/06	04/06/06	0	0
G330	Drainage S320 to S321	5	04/06/06	04/13/06	0	0
G340	Embankment Side 1 part 2 of 2	5	04/13/06	04/20/06	0	0
G350	Stabilization Side 1 mix	5	04/20/06	04/27/06	0	0
G360	Stabilization Side 1 mainline cut to grade	3	04/27/06	05/02/06	0	0
G370	Side 1 OPT BG 9 1st lift	3	05/02/06	05/05/06	0	0
G375	Stabilization Side 1 shoulders cut to grade	3	05/05/06	05/10/06	0	0
G377	Install Shoulder gutter side 1	5	05/10/06	05/17/06	0	0
G380	Side 1 OPT BG 9 2nd lift	3	05/10/06	05/15/06	0	0
G385	Side 1 OPT BG 4	3	05/17/06	05/22/06	0	0
G390	Finish Base Side 1 Mainline	3	05/15/06	05/18/06	0	0
G395	Finish Base Side 1 Shoulders	3	05/22/06	05/25/06	0	0
G410	Embankment Side 2 part 1 of 2	10	03/30/06	04/13/06	0	0
G420	Drainage S322 to S324	5	04/13/06	04/20/06	0	0
G430	Drainage S325 to S326	5	04/20/06	04/27/06	0	0
G440	Embankment Side 2 part 2 of 2	5	04/27/06	05/04/06	0	0
G450	Stabilization Side 2 mix	5	05/04/06	05/11/06	0	0
G460	Stabilization Side 2 mainline cut to grade	3	05/11/06	05/16/06	0	0
G470	Side 2 OPT BG 9 1st lift	3	05/16/06	05/19/06	0	0
G475	Stabilization Side 2 shoulders cut to grade	3	05/19/06	05/24/06	0	0
G477	Install Shoulder gutter side 2	5	05/24/06	06/01/06	0	0
G480	Side 2 OPT BG 9 2nd lift	3	05/19/06	05/24/06	0	0



Keith Waugh

From: Halsband, Bill [bill.halsband@Mammoet.com]
Sent: Monday, September 12, 2005 1:25 PM
To: Keith Waugh (E-mail)
Cc: Nooren, Piet
Subject: I-4

Keith

We have had to revise our price to \$345,000.00

This is primarily due to escalating fuel prices.

Should conditions continue to change, we may be forced to address our number again. Trust this is OK Bill

CONFIDENTIALITY NOTICE

The contents of this e-mail are confidential to the ordinary user of the e-mail address to which it was addressed and may also be privileged. If you are not the addressee of this e-mail you may not copy, forward, disclose or otherwise use it or any part of it in any form whatsoever. If you have received this e-mail in error please e-mail the sender by replying to this message.

Keith Waugh

From: Kouros Sassani [kdaeng@bellsouth.net]
Sent: Wednesday, September 07, 2005 11:48 AM
To: Keith Waugh
Subject: Revised Fee Estimate For I-4 @ Grave Ave

Kerth,

I looked at our fee estimate for the referenced project dated 7/22/05. We can take 10% off to help FDOT. This will reduce our fee from \$25,000.00 to \$ 22,500 00.

Kouros

9/7/2005

Keith Waugh

From: John Jarrett [jarrett@durastress.com]
Sent: Thursday, August 25, 2005 4:41 PM
To: kwaugh@lewarecc.com
Subject: B-1296 78" BT

FOR POSSIBLE CHANGE ORDER ADJUSTMENTS.

**EACH ADDITIONAL STRAND ADD \$1.25 TO THE CONTRACT PRICE FOR BEAMS
ADDITIONAL REBAR ADD \$1.30 PER POUND.
ENGINEERING COST TO REVISE OUR SHOP DRAWINGS. APPROX. \$50.00/HR (SAY \$1,000.00?)**

8/25/2005

Leware Breakdown of Innovative Construction Costs

Construct & Remove Falsework	950 hrs		
Revised End Bent Construction	<u>380</u> hrs		
Additional Manhours		1330 hrs	
Credit for deleted night work - Demolition	(333) hrs		
Credit for deleted night work - Superstructure	<u>(485)</u> hrs		
Reduced Manhours		<u>(817)</u> hrs	
Net	\$24.16	513	\$12,394
Field Engr	\$42.39	96	<u>\$4,069</u>
			\$16,462
		25 0%	<u>\$4,116</u>
Extra Labor			\$20,578
		1 5%	<u>\$309</u>
			\$20,887
 Extra Materials			
Concrete	80	\$94.25	\$7,540
Reinf	12000	\$0 504	\$6,048
Strand	2275	\$2 50	\$5,688
Prest.Reinf	1904	\$1 30	\$2,475
Shop Drawings			<u>\$1,000</u>
			\$22,751
Sales Tax		6.0%	<u>\$1,365</u>
			\$24,116
		17 5%	<u>\$4,220</u>
			\$26,971
		1 5%	<u>\$405</u>
			\$27,376
 Specialty Contractor			
Mammoet			\$345,000
		5 7%	<u>\$19,665</u>
			\$364,665
		1 5%	<u>\$5,470</u>
			\$370,135
 Specialty Engineer			
IDA			\$22,500
		5.7%	<u>\$1,283</u>
			\$23,783
		1.5%	<u>\$357</u>
			\$24,139
 Leware Total Cost			\$442,537
Administrative Credit		1 5%	<u>(\$6,540)</u>
	Revised Total		\$435,997



September 19, 2005

Fax to: 407-656-3188

Mr Mark Veillette
Ranger Construction Industries, Inc
1200 Elboc Way
Winter Garden, Florida 34787

Re: **FPN 242716-1-52-01 & 242655-1-52-01**
Contract No. T5072, Volusia County
Graves Ave. Bridge - Innovative Construction Technique

Dear Mr Veillette

Attached you will find a detailed breakdown of costs for innovative construction as requested by the Department The total amount of our proposal for this work is \$436,000

We trust that this information will be acceptable to the Department and that processing of the required Supplemental Agreement will now begin.

Yours very truly,
LEWARE CONSTRUCTION COMPANY of FLORIDA, INC

Keith A. Waugh
Vice President

attachments

0919.rci.mv.graves.doc

COST REPORT

Activity Resource	Desc	Pcs	Quantity	Unit	Unit Cost	Labor	Perm Material	Constr Mat/Exp	Equip Ment	Sub-Contract	Total
BID ITEM = 50											
Description =	Rap Base Removal			Unit =	TN	Takeoff Quan		4 357 000	Engr Quan		4,357 000
\$22,896 60	0 0413 MH/TN		180 00 MH		[0 576]	3 637		15,900	3,360		22,897
6 0000 Shifts	726 1667 Un/Shift	*	24 2056 Unit/MH			0 83		3 65	0 77		5 26
====> Item Totals	50 - Rap Base Removal										
\$22,896 60	0 0413 MH/TN		180 00 MH		[0 576]	3,637		15,900	3,360		22,897
5 255	4357 TN					0 83		3 65	0 77		5 26

BID ITEM = 60											
Description =	BRIDGE (Specialty Item)			Unit =	LS	Takeoff Quan		1 000	Engr Quan		1 000
60A BRIDGE				Quan	1 00 LS	Hrs/Shft	10 00	Cal	510	WC	5506
4BR	4LEWARE Bdrge Sub		1 00 LS		436,997 000					436,997	436,997
\$436,997 00					[]					436,997	436,997
										436,997 00	436,997 00

\$512,607 25 * Report Totals ***** 663 00 MH 13,903 17,516 32,860 11,331 436,997 512,607

>>> indicates Non Additive Activity

-----Report Notes --

The estimate was prepared with TAKEOFF Quantities
 This report shows TAKEOFF Quantities with the resources

Bid Date 08/01/05 Owner Florida Dept of Transportation Engineering Firm
 Estimator In Charge RF

JOB NOTES

* on units of MH indicate average labor unit cost was used rather than base rate

[] in the Unit Cost Column = Labor Unit Cost Without Labor Burdens

In equipment resources, rent % and operating % not = 100% are represented as XXX%YYY where XXX=Rent% and YYY=Operating%

- Calendar Codes --

Calendars are found in crew and labor codes and have the format XXXdY where
 XXX = The Calendar and Y = The Starting Day of the Week with Day 1 = Monday, etc

- 508 40 hr/week (8 hr/shft)
- 509 45 hr/week (9 hr/shft)
- 510 50 hr/week (10 hr/shft)
- 511 55 hr/week (11 hr/shft)
- 512 60 hr/week (12 hr/shft)
- 608 48 hr/week (8 hr/shft)
- 609 54 hr/week (9 hr/shft)
- 610 60 hr/week (10 hr/shft)
- 611 66 hr/week (11 hr/shft)
- 612 72 hr/week (12 hr/shft)

COST REPORT

Activity Resource	Desc	Pcs	Quantity	Unit	Unit Cost	Labor	Perm Material	Constr Mat/Exp	Equip Ment	Sub-Contract	Total
BID ITEM = 40											
Description =	18" Pipe			Unit =	LF	Takeoff Quan		100 000	Engr Quan		100 000
34040505	Buy Pipe 18" (ROUND)			Quan	100 00 LF	Hrs/Shift	10 00	Cal	510	WC	5506
2DPMR018	18" CMP 1@107%	1 00	100 00	LF	15 000		1,605				1,605
2DZFM12-18	Joint Fabnc 0@107%	1 00	10 00	LF	0 500		5				5
2DZZPL	Pipe Lube 0 0026@107%	1 00	0.26	PA	50 000		14				14
\$1,624 26					[]		1,624				1,624
							16 24				16 24
34040510	Buy and Haul Bedding 18"			Quan	25 00 TN	Hrs/Shift	10 00	Cal	510	WC	5506
2BAG57	# 57 Stone 1 1@107%	1 00	25 00	TN	24 000		642				642
6STN	Haul, TN 1	1 00	25 00	TN	0 000						
\$642 00					[]		642				642
							25 68				25 68
34040515	Unload Pipe			Quan	100 00 LF	Hrs/Shift	10 00	Cal	510	WC	5506
<u>PUNL</u>	Unloading Crew			1 00 CH	Prod	1,000 0000	US	Lab Pcs	3 00	Eqp Pcs	1 00
8L950	Loader (Cat 950)	1 00	1 00	HR	21 000				21		21
LPS	Labor, Pipe Skilled	1 00	1 00	MH	13 500		22				22
LPUS	Labor, Pipe Unskilled	1 00	1 00	MH	10 000		16				16
OL	Loader Oper	1 00	1 00	MH	12 500		20				20
\$78 42					[0 396]		57			21	78
0 1000 Shifts							0 57			0.21	0 78
34040530	CROSS DRAINS			Quan	100 00 LF	Hrs/Shift	10 00	Cal	510	WC	5506
<u>P330</u>	Cat 330 Pipe crew			10 00 CH	Prod	100 0000	US	Lab Pcs	6 00	Eqp Pcs	2 00
8L950	Loader (Cat 950)	1 00	10 00	HR	21 000				210		210
8TPIPE	Pipe Crew Truck	1 00	10 00	HR	26 000				260		260
FP	Foreman, Pipe	1 00	10 00	MH	21 000		305				305
LPL	Pipe Layer	1 00	10 00	MH	15 000		239				239
LPS	Labor, Pipe Skilled	1 00	10 00	MH	13 500		215				215
LPUS	Labor, Pipe Unskilled	2 00	20 00	MH	10 000		319				319
OL	Loader Oper	1 00	10 00	MH	12 500		199				199
\$1 747 46					[8 81]		1,277			470	1,747
1 0000 Shifts							12 77			4 70	17 47
=====>	Item Totals	40	- 18" Pipe								
\$4,092 14					[9 206]		1,335	2,266		491	4,092
40 921							13 35	22 66		4 91	40 92

BID ITEM = 50											
Description =	Rap Base Removal			Unit =	TN	Takeoff Quan		4,357 000	Engr Quan		4,357 000
1007	Asph Pvmt Rmv/Dpspl - Loader			Quan	4,357 00 TN	Hrs/Shift	10 00	Cal	510	WC	5506
Number of Trucks Routine											
Description		Unit	Quantity								

Total Units Per Day			726 0000								
Hours Per Day			8 0000								
Hours Per Round			1 0000								
Units Per Load			20 0000								
Trucks Required Per Day			4 5375								
<u>CRA</u>	Pavt Removal (Asph)			60 00 CH	Prod	726 1667	US	Lab Pcs	3 00	Eqp Pcs	2 00
6HHR	Haul, Hr ~5		300 00	HR	53 000			15,900			15,900
8D5	Dozer (Cat D5)	1 00	60 00	HR	35 000				2,100		2,100
8L950	Loader (Cat 950)	1 00	60 00	HR	21 000				1,260		1,260
LHWY	Labor, Hwy	1 00	60 00	MH	10 000		957				957
ODF	Dozer Oper (Finish)	1 00	60 00	MH	15.500		1,483				1,483
OL	Loader Oper	1 00	60 00	MH	12 500		1,196				1,196

COST REPORT

Activity Resource	Desc	Pcs	Quantity Unit	Unit Cost	Labor	Perm Matenal	Constr Mat/Exp	Equip Ment	Sub-Contract	Total
BID ITEM = 20										
Description =	8" Rap Base Ramps		Unit =	SY	Takeoff Quan		6,625 000	Engr Quan		6,625 000
TD1	Truck Driver, On Road	1 00	20 00 MH		12 000	383				383
\$3 950 98	0 0150 MH/SY		100 00 MH		[0 233]	2,241		1,710		3 951
2 0000 Shifts	3,312 5000 Un/Shift	*	66.2500 Unit/MH			0 34		0 26		0 60
=====> Item Totals 20 - 8" Rap Base Ramps										
\$29,417 88	0 0332 MH/SY		220 00 MH		[0 486]	4,665	10,203	10,600	3,950	29,418
4 440	6625 SY					0 70	1 54	1 60	0 60	4 44

BID ITEM = 30										
Description =	4" Rap Base Pads		Unit =	SY	Takeoff Quan		6,556 000	Engr Quan		6,556 000
530120	BG-1 Lbr/Equip/Mtrl (440 lb/sy)		Quan	1,442 00 TN	Hrs/Shift	10 00	Cal	510	WC	5506
No Charge for Excess RAP from Project										
LRSD	L/R Base (Mtrl/Sprnd)		20 00	CH	Prod	721 0000 US		Lab Pcs	2 00	Eqp Pcs 1 00
2A0RAP	RAP Matenal	1 00	1,442 00 TN		3 500		5 047			5,047
8D5	Dozer (Cat D5)	1 00	20 00 HR		35 000			700		700
LHWY	Labor, Hwy	1 00	20 00 MH		10 000	319				319
ODF	Dozer Oper (Finish)	1 00	20 00 MH		15 500	494				494
\$6,560 45	0 0277 MH/TN		40 00 MH		[0 389]	813	5,047		700	6 560
2 0000 Shifts	721 0000 Un/Shift	*	36 0500 Unit/MH			0 56	3 50		0 49	4 55

530121	BG-1 Trucking Rap Base		Quan	1,442 00 TN	Hrs/Shift	10 00	Cal	510	WC	5506
721 / 20 = 36 loads per day										
Number of Trucks Routine										
Description		Unit	Quantity							
Total Units Per Day			721 0000							
Hours Per Day			8 0000							
Hours Per Round			1 0000							
Units Per Load			20 0000							
Trucks Required Per Day			4 5062							
TRK	Trucking, Inside		20 00	CH	Prod	721 0000 US		Lab Pcs	0 00	Eqp Pcs 0 00
5HI	Haul, Inside Trks ~5		100 00	HR	53 000			5,300		5,300
\$5,300 00					[]			5,300		5,300
2 0000 Shifts	721 0000 Un/Shift	*						3 68		3 68

530123	FG Rap Base		Quan	6,556 00 SY	Hrs/Shift	10 00	Cal	510	WC	5506
LRFGG	L/R Base (MG F/G & Compact)		20 00	CH	Prod	3,278 0000 US		Lab Pcs	5 00	Eqp Pcs 3 50
8G12	Grader (Cat 12G)	1 00	20 00	HR	26 000			520		520
8L950	Loader (Cat 950)	1 00	20 00	HR	21 000			420		420
8RBVL	Roller Vibratory Lrg	1 00	20 00	HR	26 000			520		520
8TWON	Water Trucks (On Hwy)	0 50	10 00	HR	25 000			250		250
LHWY	Labor, Hwy	1 00	20 00	MH	10 000	319				319
OGF	Grader Oper (Finish)	1 00	20 00	MH	25 000	798				798
OL	Loader Oper	1 00	20 00	MH	12 500	399				399
ORG	Roller Oper, Grade	1 00	20 00	MH	10 750	343				343
TD1	Truck Driver, On Road	1 00	20 00	MH	12 000	383				383
\$3,950 98	0 0152 MH/SY		100 00 MH		[0 236]	2,241		1,710		3,951
2 0000 Shifts	3,278 0000 Un/Shift	*	65 5600 Unit/MH			0 34		0 26		0 60
=====> Item Totals 30 - 4" Rap Base Pads										
\$15,811 43	0 0213 MH/SY		140 00 MH		[0 321]	3,054	5,047	5,300	2,410	15,811
2 412	6556 SY					0 47	0 77	0 81	0 37	2 41

COST REPORT

Activity	Resource	Desc	Pcs	Quantity	Unit	Unit Cost	Labor	Perm Matenal	Constr Mat/Exp	Equip Ment	Sub-Contract	Total
BID ITEM	=	10										
Description =		Excavation / Borrow			Unit =	LS	Takeoff Quan		1 000	Engr Quan		1 000
2002		Backhoe & On-Rd Trks			Quan	1 00 LS	Hrs/Shft	10 00	Cal	510	WC	5506
<u>EXCBH2</u>		Exc Backhoe/On Rd Trucks		20 00	CH	Prod	2 0000 S		Lab Pcs	3 00	Eqp Pcs	2 00
6HHR		Haul, Hr ~1		20 00	HR	53 000			1,060			1,060
8D5		Dozer (Cat D5)	1 00	20 00	HR	35 000				700		700
8L950		Loader (Cat 950)	1 00	20 00	HR	21 000				420		420
LHWY		Labor, Hwy	1 00	20 00	MH	10 000	319					319
ODF		Dozer Oper (Finish)	1 00	20 00	MH	15 500	494					494
OL		Loader Oper	1 00	20 00	MH	12 500	399					399
\$3,392.20		60 0000 MH/LS		60 00	MH	[836]	1,212		1,060	1,120		3,392
2 0000	Shifts	* 0 5000 Un/Shift		0 0167	Unit/MH		1,212.20		1,060 00	1,120 00		3,392 20
====>	Item Totals	10	- Excavation / Borrow									
\$3,392 20		60 0000 MH/LS		60 00	MH	[836]	1,212		1,060	1,120		3,392
3,392 200		1 LS					1,212.20		1,060 00	1,120 00		3,392 20

BID ITEM	=	20										
Description =		8" Rap Base Ramps			Unit =	SY	Takeoff Quan		6,625 000	Engr Quan		6,625 000
530120		BG-1 Lbr/Equip/Mtrl (880 lb/sy)			Quan	2,915 00 TN	Hrs/Shft	10 00	Cal	510	WC	5506
		No Charge for Excess RAP from Project										
<u>LRSD</u>		L/R Base (Mtrl/Sprnd)		40 00	CH	Prod	728 7500 US		Lab Pcs	3 00	Eqp Pcs	2 00
2AORAP		RAP Matenal 1	1 00	2,915 00	TN	3 500		10,203				10,203
8D5		Dozer (Cat D5)	1 00	40 00	HR	35 000				1,400		1,400
8L950		Loader (Cat 950)	1 00	40 00	HR	21 000				840		840
LHWY		Labor, Hwy	1 00	40 00	MH	10 000	638					638
ODF		Dozer Oper (Finish)	1 00	40 00	MH	15 500	989					989
OL		Loader Oper	1 00	40 00	MH	12 500	798					798
\$14,866 90		0 0411 MH/TN		120 00	MH	[0 574]	2,424	10,203		2,240		14,867
4 0000	Shifts	728 7500 Un/Shift	*	24 2917	Unit/MH		0 83	3 50		0 77		5 10

530121		BG-1 Trucking Rap Base			Quan	2,915 00 TN	Hrs/Shft	10 00	Cal	510	WC	5506
		728 / 20 = 36 loads per day										
Number of Trucks Routine												
Description			Unit	Quantity								
Total Units Per Day				728 0000								
Hours Per Day				8 0000								
Hours Per Round				1 0000								
Units Per Load				20 0000								
Trucks Required Per Day				4 5500								
<u>TRK</u>		Trucking, Inside		40 00	CH	Prod	728 7500 US		Lab Pcs	0 00	Eqp Pcs	0 00
5HI		Haul, Inside Trks ~5		200 00	HR	53 000			10,600			10,600
\$10,600 00						[]			10,600			10,600
4 0000	Shifts	728 7500 Un/Shift	*						3 64			3 64

530123		FG Rap Base			Quan	6,625 00 SY	Hrs/Shft	10 00	Cal	510	WC	5506
<u>LRFGG</u>		L/R Base (MG F/G & Compact)		20 00	CH	Prod	3,312 5000 US		Lab Pcs	5 00	Eqp Pcs	3 50
8G12		Grader (Cat 12G)	1 00	20 00	HR	26 000				520		520
8L950		Loader (Cat 950)	1 00	20 00	HR	21 000				420		420
8RBVL		Roller Vibratory Lrg	1 00	20 00	HR	26 000				520		520
8TWON		Water Trucks (On Hwy)	0 50	10 00	HR	25 000				250		250
LHWY		Labor, Hwy	1 00	20 00	MH	10 000	319					319
OGF		Grader Oper (Finish)	1 00	20 00	MH	25 000	798					798
OL		Loader Oper	1 00	20 00	MH	12 500	399					399
ORG		Roller Oper, Grade	1 00	20 00	MH	10 750	343					343

List of Addons

Addon	Description	Basis	%	Cost	Total Amt
1	Overhead	JB	10 0000	Y	56,817 47
2	Markup	JB	-0 4376	N	-2,486 33
					54,331 14

Addon Basis Codes and Descriptions Used in this Estimate:
JB - Job Value

Bid Summary Totals Report

Standard Markup Instructions

	Cost Basis	Markup %	Markup
Labor	9,589	0 00	0
Burden	4,315	0 00	0
Perm Matl	17,516	0 00	0
Const Matl	0	0 00	0
Sub	436,997	0 00	0
Eq Op Exp	0	0 00	0
Co Equip	11,331	0 00	0
Rented Eq	0	0 00	0
Ranger Tk	15,900	0 00	0
Outside Tk	16,960	0 00	0
Misc Exp	0	0 00	0
Overrides	0	0 00	0
Total	512,608	0 00	0
Bond Table	B1		

Previous Run

Summary 09/28/2005 3 52 PM

Spread 09/28/2005 3 52 PM

Summary run on Takeoff Quan and Adjusted to Bid Quan

Standard Spreads

Indirect Spread Total less Sub

Markup Spread Total

Addon/Bond Spread Total

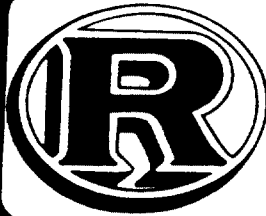
Totals as of Last Spread

	Cost	Markup	Total
Direct	512,607	0	512,607
Indirect	0	0	0
Addons	56,817	-2,485	54,332
Bond	1,236		1,236
Total	570,660	-2,485	568,175

BID TOTALS

Biditem	Description	Status - Rnd	Quantity	Units	Unit Price	Bid Total
10	Excavation / Borrow	U	1 000	LS	3,863 07	3,863 07
20	8" Rap Base Ramps		6,625 000	SY	5 06	33,522 50
30	4" Rap Base Pads		6,556 000	SY	2 75	18,029 00
40	18" Pipe		100 000	LF	46 62	4,662 00
50	Rap Base Removal		4,357 000	TN	5 99	26,098 43
60	BRIDGE (Specialty Item)	U	1 000	LS	482,000 00	482,000 00

Bid Total =====> \$568,175 00



Ranger
Construction
Industries, Inc.

September 12, 2005

Mr Frank O'Dea
District Construction Engineer
Florida Department of Transportation, District Five
719 South Woodland Boulevard
Deland, Florida 32720-6800

Re FPN 242716-1-52-01 & 242655-1-52-01
Contract No T5072, Volusia County
Graves Ave Bridge – Innovative Construction Technique

Dear Mr O'Dea

As requested by the department, Ranger Construction Industries, Inc and Leware Construction Company of Florida, Inc have reviewed our costs for the Graves Avenue proposal submitted on September 2, 2005. After much review by both companies, we are able to provide the department a revised quotation of \$568,175 00 based upon a reduction in cost.

The following is an itemized breakdown of the costs associated with this work for both companies

Leware Cost Breakdown

Labor & Field engineering	\$ 23,000 00
Materials & Supplies	\$ 23,000 00
Specialty Contractor	\$411,865 00
Specialty Engineer	<u>\$ 24,135 00</u>
	\$482,000 00

Ranger Cost Breakdown

Labor & Equipment	\$ 60,000 00
Materials & Supplies	<u>\$ 26,175 00</u>
	\$ 86,175 00
Total	\$568,175 00

If you have any questions or concerns, please feel free to contact me at (407) 656-9255

Sincerely,
Ranger Construction Industries, Inc

Mark Veillette
Vice President

cc Amy Scales - FDOT
Keith Waugh – Leware Construction
Christopher Kennedy – Ranger Construction
Ponch Frank – Ranger Construction

RECEIVED
SEP 30 2005
D-5 CONSTRUCTION



www.equipmentwatch.com

Rental Rate Blue Book

Date
Thursday, Oct 6, 2005

Hypac C850B (discontinued 2001)
Single Drum Vibratory Compactors

Size Class
Operating Weight W/O Ballast 8 0 - 11 9 MTons
Weight
20,850 lbs

Configuration for C850B

Power Mode **Diesel** Drum Width **84"**
Drum Type **Smooth** HP **149 0**

Blue Book Rates

	Ownership Costs				Estimated Operating Costs	FHWA Rate *
	Monthly	Weekly	Daily	Hourly		
Published Rates	\$3,995.00	\$1,120.00	\$280.00	\$42.00	\$24.25	\$46.96
Adjustments						
Region (Florida 95.5%)	-\$179.78	-\$50.40	-\$12.60	-\$1.89		-\$1.02
Model Year (2000 99%)	-\$38.15	-\$10.70	-\$2.67	-\$0.40		-\$0.22
Ownership (100%)	-	-	-	-		-
Operating (100%)					-	-
Total	\$3,777.07	\$1,058.90	\$264.73	\$39.71	\$24.25	\$45.72

* FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost

Rate Element Allocation

Element	Percentage	Value
Depreciation	51%	\$2,037.45
Overhaul	21%	\$838.95
CFC	17%	\$679.15
Indirect	11%	\$439.45
Monthly Ownership Cost	100%	\$3,995.00

Effective Date 1st Half 2005

[Back to Rental Rate Blue Book Results](#)

[Print Page](#)

[Start a New Search](#)

All material herein © 2003-2005 PRIMEDIA Business Magazines & Media Inc. All rights reserved.



www.equipmentwatch.com

Rental Rate Blue Book

Date
Thursday, Oct 6, 2005

Caterpillar 950G SERIES II
4-WD Articulated Wheel Loaders

Size Class
Net Hp 175 - 199 HP
Weight
39,198 lbs

Equipment Notes Includes General Purpose bucket and ROPS, unless otherwise noted

Configuration Notes with EROPS

Configuration for 950G SERIES II

Power Mode Diesel Bucket Capacity 4 05 cy
HP 183 0

Blue Book Rates

	Ownership Costs				Estimated Operating Costs	FHWA Rate *
	Monthly	Weekly	Daily	Hourly		
Published Rates	\$5,255 00	\$1,470 00	\$370 00	\$56 00	\$24 25	\$54 10
Adjustments						
Region (Florida 95 1%)	-\$257 49	-\$72 03	-\$18 13	-\$2 74		-\$1 46
Model Year (2002 98 3%)	-\$84 96	-\$23 77	-\$5 98	-\$0 91		-\$0 48
Ownership (100%)	-	-	-	-		-
Operating (100%)					-	-
Total	\$4,912 55	\$1,374 20	\$345 89	\$52 35	\$24 25	\$52 15

* FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost

Rate Element Allocation

Element	Percentage	Value
Depreciation	45%	\$2,364 75
Overhaul	30%	\$1,576 50
CFC	15%	\$788 25
Indirect	10%	\$525 50
Monthly Ownership Cost	100%	\$5,255 00

Effective Date 2nd Half 2005

[Back to Rental Rate Blue Book Results](#)

[Print Page](#)

[Start a New Search](#)

All material herein © 2003-2005, PRIMEDIA Business Magazines & Media Inc. All rights reserved



www.equipmentwatch.com

Rental Rate Blue Book

Date
Thursday, Oct 6, 2005

Caterpillar D5G XL
Standard Crawler Dozers

Size Class
Net Hp 85 - 104 HP
Weight
19,662 lbs

Configuration for D5G XL

Power Mode Diesel Dozer VPAT
Operator Protection ROPS HP 90 0

Blue Book Rates

	Ownership Costs				Estimated Operating Costs	FHWA Rate *
	Monthly	Weekly	Daily	Hourly		
Published Rates	\$4,435 00	\$1,240 00	\$310 00	\$47 00	\$21 45	\$46 66
Adjustments						
Region (Florida 95 1%)	-\$217 31	-\$60 76	-\$15 19	-\$2 30		-\$1 23
Model Year (2003 98 5%)	-\$63 27	-\$17 69	-\$4 42	-\$0 67		-\$0 36
Ownership (100%)	-	-	-	-		-
Operating (100%)					-	-
Total	\$4,154 42	\$1,161 55	\$290 39	\$44 03	\$21 45	\$45 06

* FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost

Rate Element Allocation

Element	Percentage	Value
Depreciation	35%	\$1 552 25
Overhaul	45%	\$1,995 75
CFC	12%	\$532 20
Indirect	8%	\$354 80
Monthly Ownership Cost	100%	\$4,435 00
Effective Date 2nd Half 2005		

[Back to Rental Rate Blue Book Results](#)

[Print Page](#)

[Start a New Search](#)

All material herein © 2003-2005 PRIMEDIA Business Magazines & Media Inc. All rights reserved



www.equipmentwatch.com

Rental Rate Blue Book

Date
Thursday, Oct 6, 2005

Caterpillar 135H
Articulated Frame Graders

Size Class
Net Hp 130 - 144 HP
Weight
28,840 lbs

Configuration for 135H

Power Mode **Diesel** Operator Protection **EROPS**
Moldboard Size **12'** HP **135 0**

Blue Book Rates

	Ownership Costs				Estimated Operating Costs	FHWA Rate *
	Monthly	Weekly	Daily	Hourly		
Published Rates	\$4,815 00	\$1,350 00	\$340 00	\$51 00	\$22 20	\$49 55
Adjustments						
Region (Florida 95 1%)	-\$235 93	-\$66 15	-\$16 66	-\$2 50		-\$1 34
Model Year (2000 96 7%)	-\$151 11	-\$42 37	-\$10 67	-\$1 60		-\$0 86
Ownership (100%)	-	-	-	-		-
Operating (100%)					-	-
Total	\$4,427 96	\$1,241 48	\$312 67	\$46 90	\$22 20	\$47 35

* FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost

Rate Element Allocation

Element	Percentage	Value
Depreciation	36%	\$1,733 40
Overhaul	38%	\$1,829 70
CFC	13%	\$625 95
Indirect	13%	\$625 95
Monthly Ownership Cost	100%	\$4,815 00
Effective Date 2nd Half 2005		

[Back to Rental Rate Blue Book Results](#)

[Print Page](#)

[Start a New Search](#)

All material herein © 2003-2005 PRIMEDIA Business Magazines & Media Inc All rights reserved



www.equipmentwatch.com

Rental Rate Blue Book

Date
Thursday, Oct 6, 2005

On-Highway Rear Dumps Miscellaneous Models

Equipment Notes Highway-type rear dump equipment presents a broad variance in list price for similar load-rated capacities. Engine, axle and transmission significantly vary the rate. Costs listed here reflect an average purchase price and are presented only for comparative purposes.

Configuration for On-Highway Rear Dumps

Power Mode	Diesel	Axle Config	8X4
Maximum GVW	85,000 lbs	Struck Capacity	15--18 cy
HP	330 0		

Blue Book Rates

	Ownership Costs				Estimated Operating Costs	FHWA Rate *
	Monthly	Weekly	Daily	Hourly		
Published Rates	\$4,675 00	\$1,310 00	\$330 00	\$50 00	\$33 50	\$60 07
Adjustments						
Region (Florida 96.9%)	-\$144 93	-\$40 61	-\$10 23	-\$1 55		-\$0 82
Model Year (2000 96.5%)	-\$158 55	-\$44 43	-\$11 19	-\$1 70		-\$0 90
Ownership (100%)	-	-	-	-		-
Operating (100%)					-	-
Total	\$4,371 52	\$1,224 96	\$308 58	\$46 75	\$33 50	\$58 35

* FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost

Rate Element Allocation

Element	Percentage	Value
Depreciation	52%	\$2,431 00
Overhaul	30%	\$1,402 50
CFC	7%	\$327 25
Indirect	11%	\$514 25
Monthly Ownership Cost	100%	\$4,675 00
Effective Date		2nd Half 2005

[Back to Rental Rate Blue Book Results](#)

[Print Page](#)

[Start a New Search](#)

All material herein © 2003-2005 PRIMEDIA Business Magazines & Media Inc. All rights reserved.



www.equipmentwatch.com

Rental Rate Blue Book

Date
Thursday, Oct 6, 2005

On-Highway Light Duty Trucks
Miscellaneous Models

Configuration for On-Highway Light Duty Trucks

Power Mode **Diesel** Cab Type **Crew**
Axle Config **4X4** Ton Rating **3/4**
HP **130 0**

Blue Book Rates

	Ownership Costs				Estimated Operating Costs	FHWA Rate *
	Monthly	Weekly	Daily	Hourly		
Published Rates	\$870 00	\$245 00	\$61 00	\$9 00	\$5 35	\$10 28
Adjustments						
Region (Florida 96 9%)	-\$26 97	-\$7 59	-\$1 89	-\$0 28		-\$0 15
Model Year (2002 98%)	-\$16 86	-\$4 75	-\$1 18	-\$0 17		-\$0 10
Ownership (100%)	-	-	-	-		-
Operating (100%)					-	-
Total	\$826 17	\$232 66	\$57 93	\$8 55	\$5 35	\$10 03

* FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost

Rate Element Allocation

Element	Percentage	Value
Depreciation	58%	\$504 60
Overhaul	27%	\$234 90
CFC	6%	\$52 20
Indirect	9%	\$78 30
Monthly Ownership Cost	100%	\$870 00

Effective Date 2nd Half 2005

[Back to Rental Rate Blue Book Results](#)

[Print Page](#)

[Start a New Search](#)

All material herein © 2003-2005 PRIMEDIA Business Magazines & Media Inc All rights reserved



www.equipmentwatch.com

Rental Rate Blue Book

Date
Thursday, Oct 6, 2005

On-Highway Water Tankers
Miscellaneous Models

Equipment Notes Rates include pump and rear spray system

Configuration for On-Highway Water Tankers

Power Mode **Diesel** Tank Capacity **4,000 gal**
HP **250 0**

Blue Book Rates

	Ownership Costs				Estimated Operating Costs	FHWA Rate *
	Monthly	Weekly	Daily	Hourly		
Published Rates	\$3 505 00	\$980 00	\$245 00	\$37 00	\$23 70	\$43 61
Adjustments						
Region (Florida 96 9%)	-\$108 65	-\$30 38	-\$7 59	-\$1 15		-\$0 62
Model Year (2000 96 4%)	-\$122 27	-\$34 19	-\$8 55	-\$1 29		-\$0 69
Ownership (100%)	-	-	-	-		-
Operating (100%)					-	-
Total	\$3,274 08	\$915 43	\$228 86	\$34 56	\$23 70	\$42 30

* FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost

Rate Element Allocation

Element	Percentage	Value
Depreciation	54%	\$1,892 70
Overhaul	25%	\$876 25
CFC	9%	\$315 45
Indirect	12%	\$420 60
Monthly Ownership Cost	100%	\$3,505 00
Effective Date 2nd Half 2005		

[Back to Rental Rate Blue Book Results](#)

[Print Page](#)

[Start a New Search](#)

All material herein © 2003-2005 PRIMEDIA Business Magazines & Media Inc. All rights reserved