

Revised

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Agenda Item #: 3-C-7

PALM BEACH COUNTY BOARD OF COUNTY COMMISSIONERS

AGENDA ITEM SUMMARY

Meeting Date: May 17, 2011 [x] Consent [] Regular [] Workshop [] Public Hearing

Department:

Submitted By: Engineering & Public Works

Submitted For: Roadway Production Division

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve: A Contract with Ranger Construction Industries, Inc. (Ranger), in the amount of \$2,216,015.80 for the construction of Okeechobee Boulevard from Australian Avenue to Tamarind Avenue/Parker Avenue (Project).

SUMMARY: Approval of this Contract will allow Palm Beach County (County) to issue a Notice to Proceed to Ranger, a Palm Beach County company, to begin construction of the Project. The Palm Beach County Small Business Enterprise (SBE) goal for all projects is 15%, but the responsive bidders cannot be ranked for SBE compliance for this Project due to Federal funding restrictions. The Federally required non-mandatory Disadvantaged Business Enterprise (DBE) goal for the Project is 8.18%. The SBE and DBE participation proposed for the Project by Ranger is 1.57% and 0% respectively.

District 7 (MRE)

Background and Justification: Bids for the Project were received by the Engineering Department on February 4, 2011. Ranger was the lowest responsive, responsible bidder. This is a Federally funded project, and the responsive bidders cannot be ranked for SBE compliance due to Federal funding restrictions. DBE participation cannot be utilized in determining the lowest responsive responsible bidder, per the Federal guidelines. Time to complete all work under this contract shall be no more than 180 calendar days.

Attachments:

- 1. Location Sketch
2. Contracts
3. Contract Pages C-1E and C-2
4. Bid Tabulation

Recommended by:

Division Director

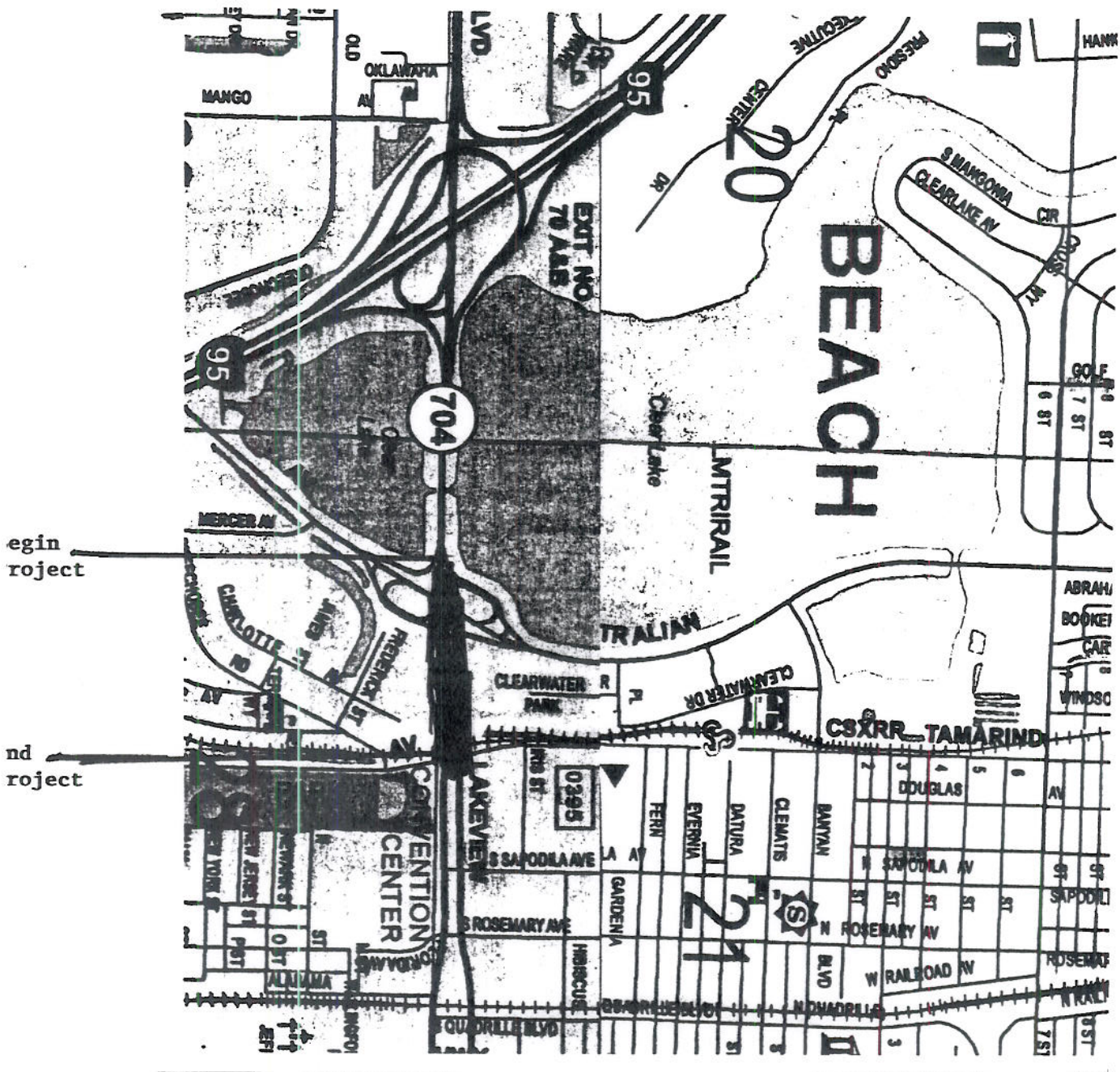
Date

Approved By:

Signature of County Engineer

5/16/11 Date

**PROJECT LOCATION
OKEECHOBEE BLVD., AUSTRALIAN AVE.
TO TAMARIND AVE./PARKER AVE.
PALM BEACH COUNTY PROJECT NO. 2002111**



LOCATION SKETCH

C O N T R A C T

STATE OF FLORIDA)
) SS
COUNTY OF PALM BEACH)

This Contract, made this ____ day of _____, A.D. 2011, by and between PALM BEACH COUNTY, a Political Subdivision of the State of Florida, (hereinafter called the party of the first part), and Ranger Construction Industries, Inc. of West Palm Beach, Florida, and their heirs, executors, administrators and assigns, (hereinafter called the party of the second part):

WITNESSETH: The party of the second part agrees with the said party of the first part, for the consideration herein mentioned at their own proper cost and expense to do all the work and furnish all necessary labor, materials, equipment, machinery, tools, apparatus, services, state workmen's compensation and unemployment compensation taxes incurred in the performance of the contract, and means of transportation for the complete construction of:

**OKEECHOBEE BOULEVARD (SR 704)
AUSTRALIAN AVENUE TO TAMARIND AVENUE/ PARKER AVENUE
PALM BEACH COUNTY PROJECT NO. 2002111
FEDERALLY FUNDED PROJECT (FM No. 229755-1-58-01)**

IN THE AMOUNT OF:

TWO MILLION, TWO HUNDRED SIXTEEN THOUSAND FIFTEEN DOLLARS 80/100
(IN WORDS)

\$2,216,015.80
(IN FIGURES)

in Palm Beach County, Florida, in the manner and to the full extent as set forth in the Contract Documents therefore and the Contract Documents relative thereto, are made a part of this Agreement as completely as if set forth herein, to the satisfaction of the party of the first part, or its duly authorized representative.

The said party of the second part further agrees for the consideration herein mentioned to commence the work with adequate forces and equipment within fourteen (14) calendar days of the date set forth in the "Notice to Proceed". The time limit for the completion of all work under this contract shall be one hundred eighty(180) calendar days see Special Provisions. The date fixing this period upon the calendar shall be established and stated in the "Notice to Proceed". After commencement of the work, it shall be properly dispatched toward completion, to the satisfaction of the Engineer, and shall be fully completed within the time limit. It is understood and agreed that the time limit for completion of said work is the essence of the contract and should the contractor fail to complete the work within the time limit, it is agreed that for such calendar day that any work provided for in these Contract Documents shall remain incomplete after the time limit has expired, including any official extension of the time limit; the sum per day given in the contained schedules shall be deducted from monies due the Contractor, not as a penalty, but as liquidated damages (in accordance with Section 8-10.2 of the Standard Specifications) and added expense for supervision.

The Contractor shall take into account all contingent work which has to be done by other parties arising from any cause whatsoever, and shall not plead his want of knowledge of such contingent work as an excuse for delay in his work, or for its non-performance.

IN WITNESS WHEREOF, the parties have caused this Contract to be executed and sealed the day and year first written above.

ATTEST:

SHARON R. BOCK,
Clerk & Comptroller

PALM BEACH COUNTY, FLORIDA, a
Political Subdivision of the
State of Florida

BOARD OF COUNTY COMMISSIONERS

By: _____
Deputy Clerk

By: _____
Karen T. Marcus, Chair

APPROVED AS TO FORM
AND LEGAL SUFFICIENCY

[Signature]
APPROVED AS TO TERMS
AND CONDITIONS

(witness signature)

Ranger Construction Industries, Inc.

(Corporate Name)

[Signature]

(witness name printed)

a FLORIDA corporation
(insert state of incorporation)

[Signature]

(witness signature)

By *[Signature]*

(signature)

[Signature]

(witness name printed)

Miguel G. Correa
Vice President

(print signatory's name)

Its _____
(print title)

2/23/11

(date of execution)

(Corporate Seal)

**OKEECHOBEE BLVD.
AUSTRALIAN AVE. TO TAMARIND AVE./PARKER AVE.
PBC PROJECT NO 2002111**

		RANGER CONSTRUCTION INDUSTRIES, INC.				COMMUNITY ASPHALT CORP.		J. W. CHEATHAM, LLC		AVERAGE OF BID ITEMS	ENGINEERS ESTIMATE	PALM BEACH GRADING, INC.	
ITEM DESCRIPTION		QTY	UNITS	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT			UNIT PRICE	AMOUNT
REGULAR ROADWAY ITEMS													
1	MOBILIZATION	1	L.S.	\$209,000.00	\$209,000.00								
2	MAINTENANCE OF TRAFFIC (INCLUDES PEDESTRIAN M.O.T.)	1	L.S.	\$106,000.00	\$106,000.00	\$106,000.00	\$106,000.00	\$149,676.00	\$149,676.00	\$126,335.20	\$326,000.00	\$83,500.00	\$83,500.00
3	TRAFFIC CONTROL OFFICER	100	MH	\$64.20	\$6,420.00	\$46.40	\$4,640.00	\$50.00	\$5,000.00	\$134,805.00	\$326,000.00	\$138,000.00	\$138,000.00
4	WORK ZONE SIGN	3,580	ED	\$0.30	\$1,074.00	\$0.35	\$1,253.00	\$0.52	\$1,861.60	\$54.12	\$46.00	\$55.00	\$5,500.00
5	BUSINESS SIGN	1	EA.	\$105.00	\$105.00	\$77.30	\$77.30	\$115.00	\$115.00	\$0.41	\$0.50	\$0.45	\$1,611.00
6	BARRICADE, TEMPORARY, TYPES I,II,DI, VP, & DRUM	27,456	ED	\$0.10	\$2,745.60	\$0.10	\$2,745.60	\$0.11	\$3,020.16	\$119.46	\$72.00	\$150.00	\$150.00
7	ADVANCE WARNING ARROW PANEL	720	ED	\$6.30	\$4,536.00	\$8.20	\$5,904.00	\$7.00	\$5,040.00	\$0.16	\$0.50	\$0.25	\$6,864.00
8	HIGH INTENSITY FLASHING LIGHT, TEMP., TYPE B	31,036	ED	\$0.20	\$6,207.20	\$0.10	\$3,103.60	\$0.06	\$1,862.16	\$10.30	\$6.50	\$15.00	\$10,800.00
9	TEMPORARY RETROREFLECTIVE PAVEMENT MARKER	720	EA.	\$3.40	\$2,448.00	\$3.30	\$2,376.00	\$3.10	\$2,232.00	\$0.17	\$0.50	\$0.25	\$7,759.00
10	CHANGEABLE-VARIABLE MESSAGE SIGN, TEMPORARY	900	ED	\$15.80	\$14,220.00	\$14.40	\$12,960.00	\$16.00	\$14,400.00	\$3.16	\$3.50	\$3.00	\$2,160.00
11	REMOVABLE TAPE PAVEMENT MARKING-WHITE/BLACK, SKIP	7,200	LF	\$1.40	\$10,080.00	\$0.35	\$2,520.00	\$1.40	\$10,080.00	\$19.24	\$15.00	\$25.00	\$22,500.00
12	REMOVABLE TAPE PAVEMENT MARKING-WHITE/BLACK, SOLID	12,800	LF	\$1.40	\$17,920.00	\$0.35	\$4,480.00	\$1.40	\$17,920.00	\$1.18	\$3.00	\$1.37	\$9,864.00
13	REMOVABLE TAPE PAVEMENT MARKING-WHITE/BLACK, OTHER	9,867	SF	\$2.60	\$25,654.20	\$0.65	\$6,413.55	\$2.81	\$27,726.27	\$1.18	\$3.00	\$1.37	\$17,536.00
14	REMOVABLE TAPE PAVEMENT MARKING-YELLOW, SKIP	500	LF	\$1.40	\$700.00	\$0.35	\$175.00	\$1.40	\$700.00	\$2.31	\$5.00	\$2.75	\$27,134.25
15	REMOVABLE TAPE PAVEMENT MARKING-YELLOW, SOLID	9,600	LF	\$1.40	\$13,440.00	\$0.35	\$3,360.00	\$1.40	\$13,440.00	\$1.18	\$2.00	\$1.37	\$685.00
16	FLOATING TURBIDITY BARRIER	50	LF	\$12.60	\$630.00	\$12.40	\$620.00	\$10.00	\$500.00	\$11.00	\$8.00	\$10.00	\$500.00
17	STAKED SILT FENCE,TYPE III	3,200	LF	\$0.80	\$2,560.00	\$0.65	\$2,080.00	\$1.00	\$3,200.00	\$1.29	\$1.00	\$2.00	\$6,400.00
18	ROCK BAG	17	EA.	\$21.10	\$358.70	\$5.20	\$88.40	\$5.00	\$85.00	\$12.26	\$3.50	\$15.00	\$255.00
19	CLEARING & GRUBBING	1	L.S.	\$50,600.00	\$50,600.00	\$84,000.00	\$84,000.00	\$58,300.00	\$58,300.00	\$73,280.00	\$326,000.00	\$86,750.00	\$86,750.00
20	REGULAR EXCAVATION	2,976	C.Y.	\$9.20	\$27,379.20	\$8.90	\$26,486.40	\$10.00	\$29,760.00	\$7.62	\$5.00	\$5.00	\$14,880.00
21	EMBANKMENT (COMPACTED IN PLACE)	2,568	C.Y.	\$9.20	\$23,625.60	\$11.90	\$30,559.20	\$10.00	\$25,680.00	\$8.22	\$12.00	\$5.00	\$12,840.00
22	FLOWABLE FILL	10	C.Y.	\$184.00	\$1,840.00	\$206.00	\$2,060.00	\$150.00	\$1,500.00	\$198.00	\$180.00	\$225.00	\$2,250.00
23	OPTIONAL BASE GROUP 15	5,800	S.Y.	\$33.90	\$196,620.00	\$39.70	\$230,260.00	\$42.50	\$246,500.00	\$41.22	\$55.00	\$45.00	\$261,000.00
24	MILLING EXISTING ASPHALT PAVEMENT (2.5" AVG. DEPTH)	13,435	S.Y.	\$1.90	\$25,526.50	\$2.10	\$28,213.50	\$2.00	\$26,870.00	\$2.92	\$3.00	\$4.30	\$57,770.50
25	SUPERPAVE ASPHALTIC CONCRETE (TYPE SP-12.5) (TRAFFIC C)	4,600	TN.	\$85.00	\$391,000.00	\$90.60	\$416,760.00	\$88.70	\$408,020.00	\$91.26	\$71.00	\$96.00	\$441,600.00
26	ASPHALTIC CONCRETE FRICTION COURSE (FC-9.5)(TRAFFIC-C)(1")	1,330	TN.	\$114.00	\$151,620.00	\$137.00	\$182,210.00	\$117.20	\$155,876.00	\$131.24	\$94.00	\$144.00	\$191,520.00
27	MISCELLANEOUS ASPHALT PAVEMENT	10	TN.	\$160.00	\$1,600.00	\$166.50	\$1,665.00	\$250.00	\$2,500.00	\$185.30	\$120.00	\$175.00	\$1,750.00
28	CLASS NS CONCRETE (GRAVITY WALL)	1	CY	\$421.00	\$421.00	\$567.00	\$567.00	\$1,000.00	\$1,000.00	\$575.60	\$412.37	\$445.00	\$445.00
29	INLET (CURB) (TYPE P-1) PARTIAL	1	EA.	\$2,110.00	\$2,110.00	\$2,930.00	\$2,930.00	\$6,264.00	\$6,264.00	\$3,940.80	\$3,400.00	\$4,200.00	\$4,200.00
30	INLET (CURB) (TYPE P-2)	2	EA.	\$3,500.00	\$7,000.00	\$3,811.00	\$7,622.00	\$6,804.00	\$13,608.00	\$4,723.00	\$3,800.00	\$4,750.00	\$9,500.00
31	INLETS (CURB) (TYPE P-4) (PARTIAL)	1	EA.	\$2,950.00	\$2,950.00	\$2,879.00	\$2,879.00	\$6,372.00	\$6,372.00	\$4,180.20	\$3,400.00	\$4,350.00	\$4,350.00
32	INLETS (CURB) (TYPE P-5) (<10')	8	EA.	\$2,350.00	\$18,800.00	\$2,245.00	\$17,960.00	\$3,564.00	\$28,512.00	\$2,975.80	\$3,700.00	\$3,360.00	\$26,880.00
33	INLET (CURB) (TYPE P-6) (<10')	3	EA.	\$2,740.00	\$8,220.00	\$2,297.00	\$6,891.00	\$3,888.00	\$11,664.00	\$3,265.00	\$4,000.00	\$3,700.00	\$11,100.00
34	INLET (CURB) (TYPE J-5) (<10')	2	EA.	\$3,680.00	\$7,360.00	\$4,218.00	\$8,436.00	\$5,832.00	\$11,664.00	\$4,826.00	\$4,500.00	\$5,200.00	\$10,400.00
35	INLETS, (CURB) (TYPE 8) (PARTIAL)	1	EA.	\$1,890.00	\$1,890.00	\$1,056.00	\$1,056.00	\$5,076.00	\$5,076.00	\$2,884.40	\$2,025.00	\$3,200.00	\$3,200.00
36	MANHOLE (TYPE P-7) (PARTIAL)	4	EA.	\$1,210.00	\$4,840.00	\$1,849.00	\$7,396.00	\$2,052.00	\$8,208.00	\$2,022.20	\$1,800.00	\$2,500.00	\$10,000.00
37	MANHOLE (TYPE J-7) (>10')	1	EA.	\$7,790.00	\$7,790.00	\$10,681.00	\$10,681.00	\$3,240.00	\$3,240.00	\$8,262.20	\$8,900.00	\$9,800.00	\$9,800.00

**OOKEECHOBEE BLVD.
AUSTRALIAN AVE. TO TAMARIND AVE./PARKER AVE.
PBC PROJECT NO 2002111**

				RANGER CONSTRUCTION INDUSTRIES, INC.		COMMUNITY ASPHALT CORP.		J. W. CHEATHAM, LLC		AVERAGE OF BID ITEMS	ENGINEERS ESTIMATE	PALM BEACH GRADING, INC.	
ITEM DESCRIPTION	QTY	UNITS	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT			UNIT PRICE	AMOUNT	
38 MANHOLE (TYPE J-7) (PARTIAL)	2	EA.	\$1,890.00	\$3,780.00	\$1,978.00	\$3,956.00	\$2,592.00	\$5,184.00	\$2,572.00	\$1,612.00	\$3,200.00	\$6,400.00	
39 INLET, ADJUST	2	EA.	\$1,470.00	\$2,940.00	\$628.00	\$1,256.00	\$2,700.00	\$5,400.00	\$1,459.60	\$800.00	\$1,250.00	\$2,500.00	
40 MANHOLE, ADJUST	6	EA.	\$684.00	\$4,104.00	\$546.00	\$3,276.00	\$648.00	\$3,888.00	\$875.60	\$290.93	\$1,250.00	\$7,500.00	
41 PIPE CULVERT OPTIONAL MATERIAL(UP TO 24")	452	LF	\$48.40	\$21,876.80	\$41.00	\$18,532.00	\$86.00	\$38,872.00	\$59.08	\$50.00	\$60.00	\$27,120.00	
42 CONCRETE CURB & GUTTER (TYPE F)	5,652	LF	\$17.20	\$97,214.40	\$14.40	\$81,388.80	\$18.45	\$104,279.40	\$14.81	\$20.00	\$12.00	\$67,824.00	
43 CONCRETE TRAFFIC SEPARATOR, SPECIAL-VARIABLE WIDTH	519	S.Y.	\$37.30	\$19,358.70	\$27.30	\$14,168.70	\$34.60	\$17,957.40	\$33.84	\$40.50	\$35.00	\$18,165.00	
44 SHOULDER CONCRETE BARRIER WALL (RIGID-SHOULDER, 32")	20	LF	\$158.00	\$3,160.00	\$319.00	\$6,380.00	\$324.00	\$6,480.00	\$286.20	\$103.39	\$315.00	\$6,300.00	
45 SHOULDER CONCRETE BARRIER WALL (RIGID-SHOULDER, 54")	330	LF	\$170.00	\$56,100.00	\$316.00	\$104,280.00	\$324.00	\$106,920.00	\$288.00	\$103.39	\$315.00	\$103,950.00	
46 CONCRETE SIDEWALK (4" THICK)	1,876	S.Y.	\$25.80	\$48,400.80	\$22.10	\$41,459.60	\$26.25	\$49,245.00	\$26.03	\$28.00	\$28.00	\$52,528.00	
47 CONCRETE SIDEWALK (6" THICK) (DRIVEWAYS)	60	S.Y.	\$56.90	\$3,414.00	\$46.30	\$2,778.00	\$28.00	\$1,680.00	\$38.24	\$32.00	\$30.00	\$1,800.00	
48 PATTERNED/TEXTURED PAVEMENT	519	S.Y.	\$29.50	\$15,310.50	\$28.80	\$14,947.20	\$56.00	\$29,064.00	\$44.86	\$49.00	\$55.00	\$28,545.00	
49 GUARDRAIL, ROADWAY	380	LF	\$15.80	\$6,004.00	\$15.40	\$5,852.00	\$16.00	\$6,080.00	\$17.44	\$14.00	\$20.00	\$7,600.00	
50 GUARDRAIL END ANCHORAGE ASSEMBLY, PARALLEL	3	EA.	\$1,720.00	\$5,160.00	\$1,687.00	\$5,061.00	\$1,770.00	\$5,310.00	\$1,723.40	\$1,914.63	\$1,720.00	\$5,160.00	
51 GUARDRAIL END ANCHORAGE ASSEMBLY, TYPE II	1	EA.	\$409.00	\$409.00	\$400.00	\$400.00	\$420.00	\$420.00	\$409.80	\$430.80	\$410.00	\$410.00	
52 CRASH CUSHION - VEHICLE IMPACT ATTENUATOR, OPT	2	EA.	\$13,600.00	\$27,200.00	\$12,239.00	\$24,478.00	\$13,200.00	\$26,400.00	\$13,207.80	\$12,750.94	\$13,500.00	\$27,000.00	
53 DIRECTIONAL BORE, LESS THAN 6" (2-2" UNDER CSX RAILROAD TRACKS)	142	L.F.	\$33.80	\$4,799.60	\$33.00	\$4,686.00	\$34.00	\$4,828.00	\$34.16	\$11.60	\$35.00	\$4,970.00	
54 PERFORMANCE TURF, SOD	870	S.Y.	\$11.00	\$9,570.00	\$6.10	\$5,307.00	\$5.00	\$4,350.00	\$6.02	\$1.58	\$4.00	\$3,480.00	
55 LANDSCAPE COMPLETE - LARGE PLANTS	1	LS	\$17,900.00	\$17,900.00	\$12,257.00	\$12,257.00	\$29,000.00	\$29,000.00	\$21,631.40	NA	\$24,500.00	\$24,500.00	
TOTAL REGULAR ROADWAY ITEMS				\$1,701,992.80		\$1,743,891.85		\$1,878,854.99				\$1,910,357.75	
SIGNAL ITEMS													
56 CONDUIT-SIGNALS (F & I) (ABOVEGROUND)	560	LF	\$8.10	\$4,536.00	\$7.90	\$4,424.00	\$8.20	\$4,592.00	\$9.16	\$9.84	\$10.80	\$6,048.00	
57 CONDUIT-SIGNALS (F & I) (UNDERGROUND)	5,145	LF	\$2.60	\$13,377.00	\$2.60	\$13,377.00	\$2.64	\$13,582.80	\$3.27	\$2.94	\$4.25	\$21,866.25	
58 CONDUIT, SIGNALS, UNDER EXIST PAVEMENT	492	LF	\$10.00	\$4,920.00	\$9.80	\$4,821.60	\$10.00	\$4,920.00	\$11.34	\$7.66	\$13.45	\$6,617.40	
59 2-2" CONDUITS-SIGNALS (F & I) (UNDERPAVE.) (DIREC. BORE)	617	LF	\$22.20	\$13,697.40	\$21.70	\$13,388.90	\$22.40	\$13,820.80	\$18.38	\$15.50	\$12.80	\$7,897.60	
60 3-2" CONDUITS-SIGNALS (F & I) (UNDERPAVE.) (DIREC. BORE)	480	LF	\$34.60	\$16,608.00	\$33.80	\$16,224.00	\$34.80	\$16,704.00	\$26.06	\$23.00	\$13.55	\$6,504.00	
61 4-2" CONDUITS-SIGNALS (F & I) (UNDERPAVE.) (DIREC. BORE)	493	LF	\$19.40	\$9,564.20	\$19.00	\$9,367.00	\$40.00	\$19,720.00	\$21.56	\$30.00	\$14.70	\$7,247.10	
62 CABLE-SIGNAL (F & I)	1	PI	\$2,820.00	\$2,820.00	\$2,755.00	\$2,755.00	\$2,836.00	\$2,836.00	\$2,498.20	\$2,210.08	\$2,040.00	\$2,040.00	
63 CABLE-PEDESTRIAN SIGNAL (7-CONDUCTOR) (F & I)	1	PI	\$1,000.00	\$1,000.00	\$979.00	\$979.00	\$1,007.00	\$1,007.00	\$1,085.20	\$2,500.00	\$1,220.00	\$1,220.00	
64 CABLE-PEDESTRIAN SIGNAL (4-CONDUCTOR) (F & I)	1	PI	\$718.00	\$718.00	\$702.00	\$702.00	\$723.00	\$723.00	\$716.60	\$2,500.00	\$720.00	\$720.00	
65 CABLE (ICONN) (F&I) (1-25 PR)(UG)	4,418	LF	\$1.30	\$5,743.40	\$1.30	\$5,743.40	\$1.33	\$5,875.94	\$1.67	\$1.50	\$2.20	\$9,719.60	
66 PULL & JUNCTION BOXES (F & I) (PULL BOX)	33	EA.	\$309.00	\$10,197.00	\$303.00	\$9,999.00	\$312.00	\$10,296.00	\$306.80	\$276.78	\$305.00	\$10,065.00	
67 PULL & JB (F&I) (FIBER OPTICS)	14	EA.	\$513.00	\$7,182.00	\$502.00	\$7,028.00	\$516.00	\$7,224.00	\$756.20	\$738.16	\$1,125.00	\$15,750.00	
68 ELECTRICAL POWER SERVICE (SIGNALS) (UNDERGROUND)	1	AS	\$474.00	\$474.00	\$464.00	\$464.00	\$477.00	\$477.00	\$774.20	\$598.00	\$1,228.00	\$1,228.00	
69 ELECTRICAL SERVICE WIRE	600	LF	\$0.90	\$540.00	\$0.85	\$510.00	\$0.90	\$540.00	\$1.63	\$0.98	\$2.75	\$1,650.00	
70 PRESTRESSED CONC. POLES (F & I) (P-II SERVICE POLE)	1	EA.	\$547.00	\$547.00	\$536.00	\$536.00	\$552.00	\$552.00	\$474.20	\$682.00	\$368.00	\$368.00	
71 MAST ARM ASSEMBLY (F & I) (150) (SINGLE ARM W/O LUM) (78)	1	EA.	\$25,700.00	\$25,700.00	\$25,132.00	\$25,132.00	\$25,864.00	\$25,864.00	\$27,224.80	\$29,100.00	\$29,714.00	\$29,714.00	
72 MAST ARM ASSEMBLY (F & I) (150) (SINGLE ARM W/ LUM) (46)	1	EA.	\$19,900.00	\$19,900.00	\$19,446.00	\$19,446.00	\$20,012.00	\$20,012.00	\$20,431.60	\$18,956.00	\$21,400.00	\$21,400.00	
73 MAST ARM ASSEMBLY (F & I) (150) (SINGLE ARM W/ LUM) (60)	2	EA.	\$23,500.00	\$47,000.00	\$23,021.00	\$46,042.00	\$23,700.00	\$47,400.00	\$25,634.20	\$26,000.00	\$28,975.00	\$57,950.00	

**OKEECHOBEE BLVD.
AUSTRALIAN AVE. TO TAMARIND AVE./PARKER AVE.
PBC PROJECT NO 2002111**

				RANGER CONSTRUCTION INDUSTRIES, INC.		COMMUNITY ASPHALT CORP.		J. W. CHEATHAM, LLC		AVERAGE OF BID ITEMS	ENGINEERS ESTIMATE	PALM BEACH GRADING, INC.	
	ITEM DESCRIPTION	QTY	UNITS	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT			UNIT PRICE	AMOUNT
74	MAST ARM ASSEMBLY (F & I) (150) (SINGLE ARM W/ LUM) (70.5)	1	EA	\$28,600.00	\$28,600.00	\$28,016.00	\$28,016.00	\$28,832.00	\$28,832.00	\$30,415.60	\$29,528.75	\$33,315.00	\$33,315.00
75	TRAFFIC SIGNAL (F & I) (3-SECT., 1-WAY) (STD)	22	AS	\$632.00	\$13,904.00	\$618.00	\$13,596.00	\$636.00	\$13,992.00	\$673.20	\$788.62	\$740.00	\$16,280.00
76	TRAFFIC SIGNAL (F & I) (5-SECT., 1-WAY) (STD)	5	AS	\$1,050.00	\$5,250.00	\$1,030.00	\$5,150.00	\$1,060.00	\$5,300.00	\$1,034.00	\$1,129.50	\$1,015.00	\$5,075.00
77	SIGNAL, PEDESTRIAN (F & I) (LED-COUNTDOWN) (1 WAY)	8	AS	\$511.00	\$4,088.00	\$500.00	\$4,000.00	\$514.00	\$4,112.00	\$649.00	\$655.39	\$860.00	\$6,880.00
78	SIGNAL HEAD AUXILIARIES (F & I) (ALUM. PEDESTAL)	5	EA	\$332.00	\$1,660.00	\$324.00	\$1,620.00	\$334.00	\$1,670.00	\$450.80	\$693.60	\$632.00	\$3,160.00
79	PEDESTRIAN DETECTOR (F & I) (POLE MOUNTED)	8	EA	\$84.20	\$673.60	\$82.40	\$659.20	\$85.00	\$680.00	\$99.12	\$143.00	\$122.00	\$976.00
80	TRAFFIC CONTROLLER ASSEMBLY (F & I) (NEMA)	1	EA	\$28,200.00	\$28,200.00	\$27,604.00	\$27,604.00	\$28,410.00	\$28,410.00	\$26,960.80	\$18,976.00	\$25,295.00	\$25,295.00
81	TRAFFIC SIGNAL HEAD ASSEMBLY, REMOVAL	26	EA	\$15.80	\$410.80	\$15.50	\$403.00	\$16.00	\$416.00	\$14.30	\$13.06	\$12.10	\$314.60
82	SIGNAL PEDESTRIAN ASSEMBLY, REMOVE	8	EA	\$15.80	\$126.40	\$15.50	\$124.00	\$16.00	\$128.00	\$13.32	\$32.73	\$9.65	\$77.20
83	SIGNAL PEDESTAL-REMOVE	5	EA	\$31.60	\$158.00	\$30.90	\$154.50	\$32.00	\$160.00	\$57.70	\$75.97	\$97.00	\$485.00
84	POLE REMOVAL-SHALLOW	3	EA	\$316.00	\$948.00	\$309.00	\$927.00	\$318.00	\$954.00	\$498.60	\$573.00	\$775.00	\$2,325.00
85	CONTROLLER ASSEMBLY-REMOVE	1	EA	\$126.00	\$126.00	\$124.00	\$124.00	\$127.00	\$127.00	\$123.40	\$96.79	\$120.00	\$120.00
86	DETECTOR PEDESTRIAN ASSEMBLY, REMOVE	8	EA	\$8.40	\$67.20	\$8.20	\$65.60	\$9.00	\$72.00	\$9.96	\$18.78	\$12.10	\$96.80
87	SPAN WIRE ASSEMBLY REMOVE	1	EA	\$94.70	\$94.70	\$92.70	\$92.70	\$95.00	\$95.00	\$202.48	\$180.90	\$365.00	\$365.00
88	CONDUIT & CABLING, REMOVE	1	PI	\$384.00	\$384.00	\$376.00	\$376.00	\$387.00	\$387.00	\$326.20	\$221.28	\$242.00	\$242.00
89	SIGNAL EQUIPMENT, MISCELLANEOUS REMOVE	1	PI	\$768.00	\$768.00	\$752.00	\$752.00	\$774.00	\$774.00	\$690.80	\$268.16	\$580.00	\$580.00
90	VEHICLE DETECTOR ASSEMBLIES	5	EA	\$5,680.00	\$28,400.00	\$5,562.00	\$27,810.00	\$5,724.00	\$28,620.00	\$5,697.20	\$4,277.57	\$5,760.00	\$28,800.00
91	INTERNALLY ILLUMINATED SIGN (F & I), OKEECHOBEE BLVD, TAMARIND/PARKER AVE	4	EA	\$2,680.00	\$10,720.00	\$2,627.00	\$10,508.00	\$2,703.00	\$10,812.00	\$2,446.00	\$2,265.93	\$2,110.00	\$8,440.00
TOTAL SIGNING & PAVEMENT MARKING ITEMS					\$309,102.70		\$302,920.90		\$321,687.54			\$2,110.00	\$8,440.00
SIGNING & MARKING ITEMS													\$340,831.55
92	SINGLE POST SIGN, F&I, LESS THAN 12 SF	25	AS	\$263.00	\$6,575.00	\$299.00	\$7,475.00	\$200.00	\$5,000.00	\$230.40	\$210.49	\$195.00	\$4,875.00
93	SINGLE POST SIGN, F&I, 12-20 SF	3	AS	\$789.00	\$2,367.00	\$773.00	\$2,319.00	\$362.00	\$1,086.00	\$525.60	\$874.33	\$352.00	\$1,056.00
94	SINGLE POST SIGN, RELOCATE	12	AS	\$105.00	\$1,260.00	\$82.40	\$988.80	\$119.00	\$1,428.00	\$107.28	\$226.72	\$115.00	\$1,380.00
95	SINGLE POST SIGN, REMOVE	23	AS	\$16.80	\$386.40	\$1.00	\$23.00	\$6.00	\$138.00	\$6.76	\$19.47	\$5.00	\$115.00
96	MULTI POST SIGN, F&I, 101-150 SF	1	AS	\$2,950.00	\$2,950.00	\$3,605.00	\$3,605.00	\$6,480.00	\$6,480.00	\$5,127.00	\$4,616.25	\$6,300.00	\$6,300.00
97	MULTI POST SIGN, RELOCATE	1	AS	\$611.00	\$611.00	\$25.80	\$25.80	\$486.00	\$486.00	\$414.56	\$1,036.00	\$475.00	\$475.00
98	OVERHEAD TRUSS CANTILEVER SIGN, F&I, TRUSS LENGTH 750, SIGN AREA 101-250 SF	1	AS	\$2,110.00	\$2,110.00	\$2,060.00	\$2,060.00	\$2,120.00	\$2,120.00	\$2,202.00	\$63,753.74	\$2,360.00	\$2,360.00
99	OVERHEAD TRUSS CANTILEVER SIGN, REMOVE	1	AS	\$284.00	\$284.00	\$278.00	\$278.00	\$287.00	\$287.00	\$403.80	\$2,509.39	\$585.00	\$585.00
100	SIGN PANEL (F & I) (15 OR LESS), R10-16 U-TURN YIELD TO RIGHT TURN, R9-2 CROSS ONLY AT CROSS WALKS, R3-8MR LANE CONTROL SIGN	5	EA	\$221.00	\$1,105.00	\$87.60	\$438.00	\$223.00	\$1,115.00	\$214.32	\$190.00	\$270.00	\$1,350.00
101	ELECTRIC POWERED SIGN (BLANK OUT)	3	EA	\$3,010.00	\$9,030.00	\$2,946.00	\$8,838.00	\$3,032.00	\$9,096.00	\$3,032.40	\$2,614.00	\$3,087.00	\$9,261.00
102	RETRO-REFLECTIVE PAVEMENT MARKERS	397	EA	\$3.40	\$1,349.80	\$3.30	\$1,310.10	\$3.25	\$1,290.25	\$3.25	\$1.90	\$3.15	\$1,250.55
103	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW ISLAND NOSE	53	SF	\$0.60	\$31.80	\$0.60	\$31.80	\$2.20	\$116.60	\$1.28	\$2.46	\$1.50	\$79.50
104	THERMOPLASTIC, STANDARD, WHITE, SOLID, 6"	0.45	NM	\$3,730.00	\$1,678.50	\$3,646.00	\$1,640.70	\$4,380.00	\$1,971.00	\$3,637.20	\$2,207.13	\$3,215.00	\$1,446.75
105	THERMOPLASTIC, STANDARD, WHITE, SOLID, 8"	1	NM	\$4,570.00	\$4,570.00	\$4,470.00	\$4,470.00	\$6,731.00	\$6,731.00	\$4,884.20	\$2,994.78	\$4,325.00	\$4,325.00
106	THERMOPLASTIC, STANDARD, WHITE, SOLID, 10"	547	LF	\$1.50	\$820.50	\$1.40	\$765.80	\$1.93	\$1,055.71	\$1.47	\$2.01	\$1.25	\$683.75

**OKEECHOBEE BLVD.
AUSTRALIAN AVE. TO TAMARIND AVE./PARKER AVE.
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				RANGER CONSTRUCTION INDUSTRIES, INC.		COMMUNITY ASPHALT CORP.		J. W. CHEATHAM, LLC		AVERAGE OF BID ITEMS	ENGINEERS ESTIMATE	PALM BEACH GRADING, INC.	
ITEM DESCRIPTION	QTY	UNITS	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT			UNIT PRICE	AMOUNT	
107 THERMOPLASTIC, STANDARD,WHITE, SOLID,18"	796	LF	\$2.20	\$1,751.20	\$2.20	\$1,751.20	\$3.10	\$2,467.60	\$2.32	\$2.47	\$2.05	\$1,631.80	
108 THERMOPLASTIC, STANDARD,WHITE, SOLID,24"	734	LF	\$3.10	\$2,275.40	\$3.00	\$2,202.00	\$4.65	\$3,413.10	\$3.47	\$4.06	\$3.30	\$2,422.20	
109 THERMOPLASTIC, STANDARD,WHITE, SKIP,6" (10'-30')	1,259	LF	\$0.70	\$881.30	\$0.70	\$881.30	\$0.85	\$1,070.15	\$0.69	\$3.70	\$0.61	\$767.99	
110 THERMOPLASTIC, STANDARD,WHITE, SKIP,6" (6'-10')	72	LF	\$0.70	\$50.40	\$0.70	\$50.40	\$0.85	\$61.20	\$0.69	\$3.20	\$0.61	\$43.92	
111 THERMOPLASTIC, STANDARD,WHITE, DOTTED,GUIDELINE,6"	596	LF	\$0.70	\$417.20	\$0.70	\$417.20	\$0.85	\$506.60	\$0.69	\$1.00	\$0.61	\$363.56	
112 THERMOPLASTIC, STANDARD,WHITE, MESSAGE	27	EA.	\$105.00	\$2,835.00	\$103.00	\$2,781.00	\$184.00	\$4,968.00	\$130.40	\$120.95	\$130.00	\$3,510.00	
113 THERMOPLASTIC, STANDARD,WHITE, ARROW	27	EA.	\$36.80	\$993.60	\$36.10	\$974.70	\$78.00	\$2,106.00	\$47.78	\$61.38	\$44.00	\$1,188.00	
114 THERMOPLASTIC, STANDARD,YELLOW, SOLID,6"	0.46	NM	\$3,730.00	\$1,715.80	\$3,646.00	\$1,677.16	\$4,380.00	\$2,014.80	\$3,637.20	\$3,194.20	\$3,215.00	\$1,478.90	
115 THERMOPLASTIC, STANDARD,YELLOW, DOTTED, GUIDELINE,6"	222	LF	\$0.70	\$155.40	\$0.70	\$155.40	\$0.85	\$188.70	\$0.69	\$1.24	\$0.61	\$135.42	
116 THERMOPLASTIC, REFURBISHMENT,WHITE, SOLID, 12"	351	LF	\$0.70	\$245.70	\$0.70	\$245.70	\$1.93	\$677.43	\$1.17	\$1.94	\$1.25	\$438.75	
117 THERMOPLASTIC, REMOVE	117	SF	\$9.50	\$1,111.50	\$9.70	\$1,134.90	\$26.00	\$3,042.00	\$19.10	\$2.08	\$25.15	\$2,942.55	
TOTAL SIGNALIZATION ITEMS				\$47,561.50		\$46,539.96		\$58,916.14				\$50,465.64	
STREET LIGHTING ITEMS													
118 LIGHTING CONDUCTOR, F & I, INSULATED, NO. 6	7,540	LF	\$0.90	\$6,786.00	\$0.85	\$6,409.00	\$0.90	\$6,786.00	\$0.91	\$0.73	\$0.95	\$7,163.00	
119 LIGHTING CONDUIT, F & I, UNDERGROUND, 2" PVC SCH. 40	1,500	LF	\$2.60	\$3,900.00	\$2.60	\$3,900.00	\$2.65	\$3,975.00	\$3.05	\$2.82	\$3.70	\$5,550.00	
120 LIGHTING CONDUIT, F & I, BORE, 2" HDPE POLYCONDUIT	980	LF	\$10.00	\$9,800.00	\$9.80	\$9,604.00	\$10.10	\$9,898.00	\$10.06	\$3.75	\$10.20	\$9,996.00	
121 MAST ARM LUMINAIRE AND BRACKET	4	EA	\$2,510.00	\$10,040.00	\$2,451.00	\$9,804.00	\$2,523.00	\$10,092.00	\$1,760.00	\$1,500.00	\$658.00	\$2,632.00	
122 LOAD CENTER REWORK (SECONDARY VOLTAGE)	1	EA	\$316.00	\$316.00	\$309.00	\$309.00	\$318.00	\$318.00	\$498.60	\$410.00	\$775.00	\$775.00	
123 PULL BOX (F & I) (SIDEWALK)	23	EA	\$211.00	\$4,853.00	\$206.00	\$4,738.00	\$212.00	\$4,876.00	\$261.80	\$348.47	\$340.00	\$7,820.00	
124 LIGHTING PULL BOX, RELOCATE, SIDEWALK	1	EA	\$189.00	\$189.00	\$185.00	\$185.00	\$191.00	\$191.00	\$229.00	\$299.00	\$290.00	\$290.00	
125 POLE CABLE DISTRIBUTION SYSTEM, CONVENTIONAL	18	EA	\$379.00	\$6,822.00	\$371.00	\$6,678.00	\$382.00	\$6,876.00	\$706.40	\$315.87	\$1,200.00	\$21,600.00	
126 LIGHT POLE COMPLETE, SPECIAL DESIGN, F&I, TYPE "A", SINGLE ARM,	15	EA	\$6,040.00	\$90,600.00	\$5,740.00	\$86,100.00	\$6,085.00	\$91,275.00	\$6,381.00	\$5,000.00	\$7,020.00	\$105,300.00	
127 LIGHT POLE COMPLETE, SPECIAL DESIGN, F&I, TYPE "B", SINGLE ARM,	2	EA	\$7,330.00	\$14,660.00	\$6,960.00	\$13,920.00	\$7,378.00	\$14,756.00	\$7,732.80	\$5,500.00	\$8,498.00	\$16,996.00	
128 LIGHT POLE COMPLETE, SPECIAL DESIGN, F&I, TYPE "C", SINGLE ARM,	1	EA	\$7,330.00	\$7,330.00	\$6,960.00	\$6,960.00	\$7,378.00	\$7,378.00	\$7,732.80	\$5,700.00	\$8,498.00	\$8,498.00	
129 LIGHT POLE COMPLETE, SPECIAL DESIGN, RELOCATE	1	EA	\$737.00	\$737.00	\$721.00	\$721.00	\$742.00	\$742.00	\$990.00	NA	\$1,375.00	\$1,375.00	
130 REMOVE LIGHT POLE, SINGLE ARM, SHOULDER MOUNT, WOOD	14	EA	\$94.70	\$1,325.80	\$92.70	\$1,297.80	\$96.00	\$1,344.00	\$172.68	\$1,000.00	\$290.00	\$4,060.00	
TOTAL STREET LIGHTING ITEMS				\$157,358.80		\$150,625.80		\$158,507.00				\$192,055.00	
TOTAL BID				\$2,216,015.80		\$2,243,978.51		\$2,417,965.67				\$2,493,709.94	

THE ITEMS AND QUANTITIES ABOVE, SHALL GOVERN OVER THE PLANS.

PAY ITEM FOOTNOTES IN CONSTRUCTION PLANS SHALL ALSO BE INCLUDED IN ITEM UNIT PRICE.

BASEROCK & ASPHALTIC CONCRETE ITEMS INCLUDE BITUMINOUS MATERIAL & TACK COAT AS REQUIRED.

COMPACTION OF SUBGRADE IS INCIDENTAL TO THE PAY ITEM BASEROCK AND/OR ASPHALT, AS REQUIRED

ALL STRUCTURES BOXES ARE 10 FEET OR LESS IN DEPTH, UNLESS OTHERWISE NOTED.

THE COST OF BREAKING INTO EXISTING STRUCTURES IS INCIDENTAL TO COST OF PIPE.

CONTRACTOR IS RESPONSIBLE FOR "TRENCH SAFETY COMPLIANCE" IN ACCORDANCE WITH THE SPECIAL PROVISIONS.

SODDING - SHALL BE IN ACCORDANCE WITH THE GENERAL PROVISIONS OF THESE SPECIFICATIONS.

CURB PAD CONSTRUCTION SHALL BE INCIDENTAL TO THE COST OF "CURB & GUTTER".

+ Indicates a discrepancy/error in the item.

Days to complete: 180 calendar days (See Special Provisions)

Bids as read at opening of Tuesday, February 4, 2011; 2PM

All bids subject to OSBA SBE compliance and Board Approval.

Prepared by: Joseph M. Totino, Project Coordinator II

Checked by: David Young, P.E., Special Projects Program Manager