Agenda Item #: 3-C- 7

PALM BEACH COUNTY BOARD OF COUNTY COMMISSIONERS

AGENDA ITEM SUMMARY

Meeting Date:	May 18, 2010	[x]	Consent	[]	Regular
Department:		[]	Workshop	[]	Public Hearing
Submitted By: Submitted For:	Engineering & P Roadway Produc	ublic W ction Di	orks Departm ivision	nent	

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve: Supplemental Agreement No. 6 to Project Agreement R2003-1658 in the amount of \$134,448.89 with Wantman Group, Inc. for professional services.

SUMMARY: Approval of this Supplemental Agreement will provide the services necessary for the preparation of design plans and construction bid documents for Palmetto Park Road from west of Powerline Road to I-95.

District 4 (PK)

Background and Justification: On October 21, 2003, the Board of County Commissioners (Board) approved an Agreement R2003-1658 with Wantman Group, Inc. (WGI) to provide professional services required to prepare design plans and construction bid documents for Palmetto Park Road from west of Powerline Road to I-95 (Project). Palm Beach County now desires WGI to develop a separate set of construction plans for the Project, as detailed in Exhibit "A" of the attached Supplemental Agreement. The Small Business Enterprise (SBE) goal for the Project is 15%. The SBE participation committed for this supplement by WGI is 12.60%. The fee, as detailed in Exhibit "A" of the attached Supplemental Agreement, has been negotiated as just and reasonable compensation as follows:

Basic Services (Lump Sum)	\$ 76,814.39	(Roadway and Drainage Plans, Survey, Permitting, Signing and Marking, Utility, Signal Plans and
Reimbursable Expenses (Not to Exceed)	\$ 57,634.50	Street Lighting). (Permit Fees, Geotechnical and
Total:	<u>\$134,448.89</u>	Reproduction).

After reviewing the attached Supplemental Agreement and finding it in proper order, staff recommends the Board of County Commissioners' approval.

Attachments:

1. Location Map

2. Supplemental Agreement with Exhibits and Certificate of Insurance (2)

3. Project Work Schedule

Recommended by: 2 Om G Formund	4/13/10
Approved By: Division Director	Date 9/23/10
F:\ROADWAY\CCNA\2003\2003510\PROJECT\Supp6\Master AlS for Supplements.doc	Date

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years Capital Expenditures Operating Costs External Revenues Program Income (County) In-Kind Match (County) NET FISCAL IMPACT	2010 <u>\$134,449</u> <u>-0-</u> <u>-0-</u> <u>-0-</u> <u>-0-</u> <u>\$134,449</u>	2011 -0- -0- -0- -0- -0- -0- -0-	2012 -0- -0- -0- -0- -0- -0- -0-	2013 0- 0- 0- 0- -0- -0-	2014 0- 0- 0- 0- 0- 0-
# ADDITIONAL FTE POSITIONS (Cumulative)		· <u> </u>			
Is Item Included in Current Budget Account No: Fund 3505 Dept 361	Budget? Unit 09	Yes <u>x</u> 65 Obj	ject 6505	No <u>.</u>	
Recommended Sources o Road Impact Fee fund Palmetto Pk Rd/W of Po	- Zone 5		Fiscal In	mpact:	
	Basic Ser Reimbursa	. –		\$ 76,81 <u>\$ 57,63</u> \$134,44	4.50

Atur C. Departmental Fiscal Review: .

III. REVIEW COMMENTS

A. OFMB Fiscal and/or Contract Dev. and Control Comments:

B. Approved as to Form and Legal Sufficiency:

29/10 ontract [

This item complies with current County policies.

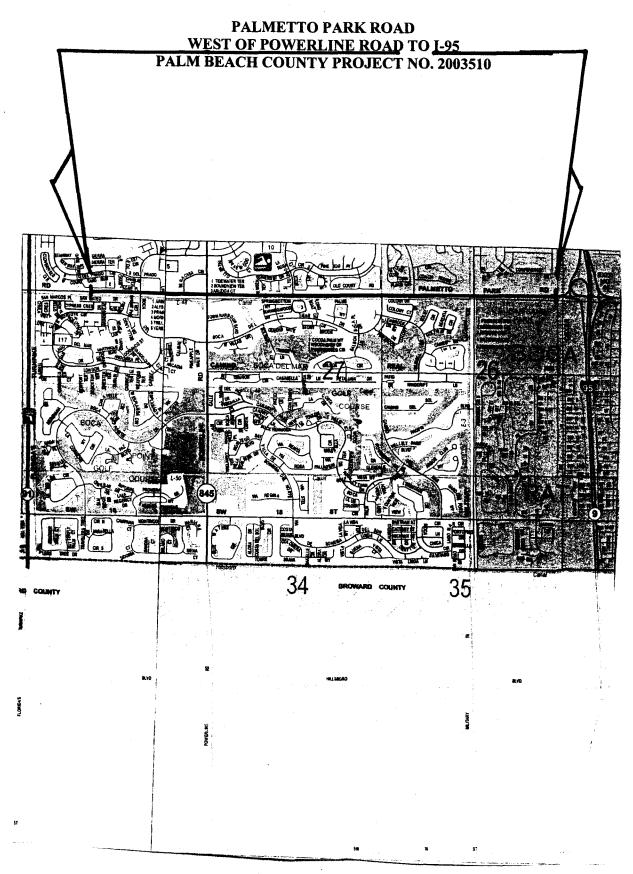
Assistant County Attorney

C. Other Department Review:

Department Director

This summary is not to be used as a basis for payment. I:\WP\AGENDAPAGE2\AGNPGTWO2010\00146.DOC

Attachment 1



LOCATION SKETCH

ATTACHMENT 2

SUPPLEMENTAL AGREEMENT BETWEEN

PALM BEACH COUNTY AND WANTMAN GROUP, INC.

FOR PROFESSIONAL ENGINEERING SERVICES ON

PALMETTO PARK ROAD W. OF POWERLINE ROAD TO I-95

PROJECT #: 2003510 PALM BEACH COUNTY, FLORIDA

THIS SUPPLEMENTAL AGREEMENT No. 6, made and entered into this day of 2010 by and between Palm Beach County, hereinafter COUNTY, and, Wantman Group, Inc., a Florida Corporation with an address of 2035 Vista Parkway, Suite 100, West Palm Beach, Florida 33411, hereinafter CONSULTANT.

WITNESSETH

WHEREAS, the COUNTY and CONSULTANT entered into a Project Agreement dated October 21, 2003 (R2003-1658), to provide professional engineering services for the design of Palmetto Park Road from W. of Powerline Road to I-95, Palm Beach County, Florida (hereinafter PROJECT); and.

WHEREAS, the COUNTY now desires for the CONSULTANT to prepare design plans and construction bid documents required to develop a separate Phase A set of construction plans for the PROJECT; and

WHEREAS, the following fee has been negotiated as just and reasonable compensation for these professional services to be performed by the CONSULTANT:

RE: Palmetto Park Road from W. of Powerline Road to I-95 Project No. 2003510

Basic Services in a lump sum fee of \$76,814.39;

Reimbursable Services (Not to Exceed) \$57,634.50;

Totaling \$134,448.89

NOW, THEREFORE, THIS INDENTURE WITNESSETH: That for and in consideration of

the mutual benefits to flow from each to the other, the parties hereto agree as follows:

- The CONSULTANT agrees to provide professional services as described in Exhibit "A" of the Agreement known as "SCOPE OF WORK & FEE".
- 2. The **CONSULTANT** agrees to "CERTIFICATION" statements as described in Exhibit "B" of the Agreement.
- 3. The **CONSULTANT** agrees to Small Business Enterprise (SBE) Participation, described in Exhibit "C" of the Agreement.
- 4. The **CONSULTANT** has provided sub-consultant Letters of Intent to perform as an SBE as described in Exhibit "D" of the Authorization.
- 5. The **COUNTY** agrees to pay the **CONSULTANT** a fee of One Hundred Thirty-Four Thousand Four Hundred Forty-Eight Dollars and Eight-Nine Cents (\$134,448.89).
- 6. The **CONSULTANT** agrees to indemnify, defend and hold harmless the **COUNTY** against all claims that may arise as a result of negligence, wrongdoing, misconduct or want of care by the **CONSULTANT**.

Except as hereby amended, changed or modified, all other terms and conditions of the original Agreement dated **October 21, 2003 (R2003-1658)**, and;

Supplements and Amendments thereto, shall remain in full force and effect.

RE: Palmetto Park Road from W. of Powerline Road to I-95 Project No. 2003510

IN WITNESS WHEREOF, the parties hereto have made and executed this Authorization as of the day and year first above written.

OWNER:

Palm Beach County, Florida, a Political Subdivision of the State of Florida

BOARD OF COUNTY COMMISSIONERS

BY:

Burt Aaronson, Chair

ATTEST: Sharon R. Bock, Clerk & Comptroller **Circuit Court**

BY:

Deputy Clerk

SEAL

APPROVED AS TO TERMS AND CONDITIONS:

APPROVED AS TO FORM & LEGAL SUFFICIENCY:

County Attorney

CONSULTANT:

Wantman Group, Inc. a Florida Corporation

BY: Gary Villi ims, P.E. Senio President Vic 1 CORPORATE SENE

WITNESS: B١

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B١

(Printed Name)

F:\ROADWAY\CCNA\2003510\Project\Supp6\Standard Supplemental Agreement.doc

EXHIBIT "A"

of the to stall

SCOPE OF SERVICES PALMETTO PARK ROAD - SUPPLEMENTAL AGREEMENT NO. 6

PBC PROJECT NO. 2003510 Phase A – From West of Palmetto Circle North to West of Military Trail Phase B – From West of Military Trail to Interstate 95 January 6, 2010 Revised: March 9, 2010

Supplemental Agreement No. 6 provides the following contractual modifications and additional services at the request of Palm Beach County (PBC):

- Revised hourly rates for Supplemental Agreement No. 2. In 2005, PBC split the original design contract for Palmetto Park Road into two Phases. P hase A from "West of Powerline Road to West of Military Trail" and Phase B from "West of Military Trail to Interstate 95. Supplemental Agreement No. 2 a ccounted for the additional roadway, drainage, signing & pavement marking, and signalization design and plan production effort required to develop a separate Phase A set of construction plans. Supplemental Agreement No. 2 was approved in October of 2006 and was immediately placed on hold by PBC. Supplemental Agreement No. 2 will be voided and all hours will be tabulated in Supplemental Agreement No.6 at the current hourly rate. Kimley-Horn & Associates (Signalization) and Tierra, Inc. (Geotechnical Services) have also included revised fee estimates, applying current hourly rates to the previously approved hours included as part of Supplemental Agreement No. 2.
- The project limits for Phase A have been changed from "West of Powerline Road to West of Military Trail" to "West of Palmetto Circle North to West of Military Trail". The change in project limits e quates to an a dditional 1200' of roadway, drainage, and signing a nd marking improvements.
- Additional topographic survey will be required to account for changes to the project limits for
 Phase A and also at the north and south approaches of the intersection Powerline Road to account
 for F DOT i mprovements along P owerline Road, c urrently under construction. The additional
 survey described above equates to 1000' of topographic survey beyond the original survey and
 500' of revised topographic survey north and south of Palmetto Park Road along Powerline Road.
- Verification of the original topographic survey for the Phase A limits. Any minor changes will be surveyed and an updated topographic survey for the Phase A limits will be completed.
- Additional d rainage de sign ba sed on S FWMD's r ejection o f a dditional p ost-development discharge previously approved by PBC and LWDD.

Below is a summary of the elements of work associated with the additional plan development effort not previously outlined in Supplemental Agreement No. 2:

Roadway (Phase A)

• Provide typical s ection d etail for n ewly p roposed i ntersection c onfiguration a t P almetto P ark Road and Palmetto Circle North.

PBC Project 2003510, Palmetto Park Road - Supplemental Agreement No. 6

- Provide two additional plan sheets to cover the 1200' of improvements west of Palmetto Circle North.
- Revise horizontal geometry at the east approach of the intersection of Palmetto Park Road and Palmetto Circle North. R evisions to the plan sheet covering the 500' east of Palmetto Circle North will be necessary.
- Provide two additional profile sheets to cover the 1200' of improvements west of Palmetto Circle North.
- Provide 13 additional cross sections to cover the 1200' of improvements west of Palmetto Circle North.

Drainage (Phase A)

- Design an additional 1200' (each side of the road) of roadside ditches west of Palmetto Circle North.
- Design storm sewer elements for an additional 10 structures and provide drainage structure cross sections.

Drainage (Phase B)

 Redesign of approximately 3 s tructures to outfall into Cypress K nee Preserve, and design of 3 new structures to provide outfall from Cypress K nee Preserve back into the roadway d rainage system.

Permitting (Phase A & Phase B)

 Preparation of SFWMD Water Use Permit application and supporting documentation required for dewatering activities for both Phase A and Phase B (Not included in original contract or subsequent supplemental agreements).

Signing and Pavement Marking (Phase A)

 Provide two additional plan sheets to cover the 1200' of improvements west of Palmetto Circle North and revise plan sheet covering the 500' east of Palmetto Circle North.

PBC Project No.: 2003510 WGI Project No.: 202344.00 Job Description: PALMETTO PARK ROAD - F Phase A - West of Palmetto Circle North to We Phase B - West of Military Trail to Interstate 95	ost of Military 1	se A (Revise) Tail	l Limits) / SA#2	? Revised	Rates					Date Prepared: From: To:	1/6/2010 (R West of Pali Interstate 95	N GROUP, INC. evised: 3/9/2010) metto Circle North ; 9 Miles / Phase B - 1.1 Miles
Work Element / Activity	Project Man Hours	Manager Hourly Rate		Senior Man Hours	Enginee Hourty Rate		ineer Hourly Rate		or CADD hnician Hourty Rate		Total Man Hours By	
A. ROADWAY PLANS	44	\$50.94		176	V\$47.41	175	¥\$38.20	44	1 \$25.91		Activity	Salary Cost By Activi
B. DRAINAGE PLANS & PERMITTING	30	\$50.94		122	\$47,41	122	\$38.20	30	\$25.91		438	\$18,363.15
C. SIGNING & MARKING PLANS	5	\$50.94		21	\$47,41	21					304	\$12,749.92
D. UTILITY COORDINATION	•	\$50.94		16	\$47,41 \$47,41	18	\$38.20 \$38.20	6 4	\$25.91 \$25.91		 62 40 	\$2,182.06 \$1,677.16
Totals	83	\$50.94		N 334	\$47.41	334	\$38.20	~83	\$25.91		v 834	\$34,972.29
	\$4	228,0	d.	B15,0	334.9	4 \$1	2,759	80 4	12,150.			
Total Burdened Salary (ROADWAY PLANS DRAINAGE PLANS & PERMITTING SIGNING & MARKING PLANS	Costs By Act	<u>ivity</u> \$54,707.56 \$37,984.56 \$6,500.79	3			Total Co Total Act 1.) Overt	ivity Salar	e Compu y Costs Ives				\$34,972.29
UTILITY COORDINATION	-	\$4,996.61 \$104,189.44	5			Subtotal		+ Combi	ned Overhea	、	166.00%	 \$58,054.00 \$93,026.29 \$11,163.15
Subconsultan	t Fees									-	12 /0	V #11,103,13
Kimley-Horn & Associates, Inc.		\$45,963.46				Subtotal	(Burdened	i Salaries	+ Operating	Margin)		\$104,189.44
Tiens, inc. Brown & Phillips, Inc.		\$23,205.00 \$12,259.00										
Total	-	\$81,427.46				Subconsu			(WGI) sociales, inc			\$104,189.44 \$45.963.46
Additional Ser	vices) Brown &			•		\$12,259.00
									Credit • Ba	sic Services	-	→ -\$85,597.51
Total	-	\$0.00			Ľ	TOTAL	UMP SU	M FEE				\$76.814.39
SFWMD (Phase A)	<u>s</u>				1		RSABLE	EXPEN	SES			<u> </u>
SFWMD (Phase B)		\$8,000.00 \$500.00			1	Permit Fee						\$56,500.00
LWDD (Phase A)		\$30,000.00				-	ions (WGI) ions (KHA					> \$7,485,00
LWDD (Phase B)		\$18,000.00				Terra, Inc.	•	· .				\$59.50 \$23,205.00
Total		\$56,500.00						No. 2 C	redit - Rei	mbursable Expe	nses	► -\$29,615.00
		•	•	•					EXPENSE	•	~	\$57.634.50
~ * 3	2.979	26 m	expli	5		DDITIO	NAL SER	VICES				\$0.00
4/8/2010 , Printe	d Date				F	OTAL	MAXIM		AITING F	EE (SA No. 6)		\$134,448.89

Master Summary - Estimate of Work Effort & Fee Proposal - S.A. No. 6

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Reproductions Summary

WANTMAN GROUP, INC. 2035 VISTA PARKWAY, SUITE 100 WEST PALM BEACH, FL 33411 (561) 687-2220

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Date: 1/6/2010 (Revised: 3/9/2010) PBC No: 2003510 WGI No: 202344.00

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	BLA	CKLINES (22"	'x 34'')		
AGENCY Palm Beach County- Existing Plans	SETS	SHEETS PER SET	TOTAL SHEETS	NUMBER OF SUBMITTALS	TOTAL COPIES
Paim Beach County- Traffic	0	0	0	0	0
and Deach County- Tramic	0	0	0		<u> </u>
SFWMD	0	0			0
ERM (Palm Beach County)		<u> </u>	0	0	0
WDD		<u> </u>	0	0	0
Utility Coordination		0	0	0	0
	0	0	0	0	0
TOTAL SHEETS	343344444	000000000000000000000000000000000000000	000000000000000000000000000000000000000		
PRICE PER SHEET					0
BLUEPRINT TOTAL COST		00880888888888888888888888888888888888			\$1.00
I TOTAL DOST					\$0.00

		COPIES (11"x17	7")	والمتعادين والمتعادية والمتعادين والمتعاد	
AGENCY Palm Beach County- Roadway	SETS	SHEETS PER SET	TOTAL SHEETS	NUMBER OF SUBMITTALS	TOTAL COPIES
Palm Beach County- Traffic		200	1400	3	4200
Palm Beach County- Final Delivery	$-\frac{3}{3}$	200	600	3	1800
Utility Coordination (Initial & Final Contact)	31	200	6200	1	6200
SFWMD	10	200	2000	2	4000
WDD		200	800	3	2400
DOT	3	200	600	3	1800
		200	800	1	>> 800
TOTAL SHEETS				07-00000000000000000000000000000000000	
PRICE PER SHEET					> 21200
BLUEPRINT TOTAL COST					\$0.30
	201010101010				> \$6,360.00

ELEMENT iscellaneous Correspondence	SETS	SHEETS PER SET		NUMBER OF SUBMITTALS	TOTAL COPIES
eports		2500	2500	1	2500
	10	500	5000	1	> 5000
TOTAL SHEETS	268688888	88888888888888888888888888888888888888	22222222222222222222222222222222222222	00000	
PRICE PER SHEET					7500
COPIES TOTAL COST					\$0.15
					¥ \$1,125.00

REIMBURSABLE EXPENSE TOTAL \$7,485.00

Manhour Estimate

WANTMAN GROUP, INC. 2035 Vista Parkway, Suite 100 West Palm Beach, FL 33411 (561) 687-2220

Date: 1/6/2010 (Revised: 3/9/2010) PBC No: 2003510 WGI No: 202344.00

A. ROADWAY PLANS

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		Scale	Basis of Estimate	No. of Units/Sheets	Manhours/ Unit/Sheet	Total Manhours	Comments
	ROADWAY PLANS				L	L	
1	Key Sheet	N/A	SHT	1	4	4	
-						4	For additional plan set due to project split.
4	Typical Sections & Details	N/A	SHT	2	10	20	Typical Detail at Palmetto Circle North and
3	Summary of Quantities					20	additional typical on Palmetto based on Master Ple Typical Development.
<u> </u>	Summary of Quernues	N/A	SHT	2	8	16	For additional plan set due to project split.
4	Plan Sheets		_		· · · · · · · · · · · · · · · · · · ·		2 New Sheets (Additional 1200') west of Palmetio
		40	SHT	2,5	24	60	Circle North + Revisions to 1 Sheet east of Palmet
5	Profile Sheets	40					Circle North (14 hours).
	Side Road Profiles		SHT	2	24	48	2 New Sheets west of Paimetto Circle North.
	Intersection Profiles and Grading	20	SHT	0	0	0	N/A
B	Back of Sidewalk Profiles	20	SHT	0	0	0	N/A
	Miscellaneous Construction Details	20	SHT	0	0	0	N/A
_		N/A	LS	1	12	12	Milling & Resurfacing/Feather Details, SWPPP, etc.
0	Cross Sections	20	EA	13	3	39	Additional 1200' west of Palmetto Circle North
1	Driveway Half-Sections	10			3	39	(1200/100' = 12+1 = 13).
		10	EA	0	0	0	N/A
	MISCELLANEOUS TASKS						
1	Quantities/Computation Books	N/A	LS	1	46	46	Quantities for additional plan set due to project split
2	Cost Estimates	N/A				40	and quantities for additional limits.
,	Design D	NVA	EA	2	16	32	Assume 2 estimates.
	Design Documentation and Data Collection	N/A	LS	1	23	23	Geometric Calcs, documentation of applicable
4	Field Reviews	N/A	EA	8			design criteria.
			<u> </u>	<u> </u>	5.5	44	5 reviews x 2 people x 4.5 hrs (includes travel).
	COORDINATION						
1	Coordination with PBC Engineering	N/A	LS				
2	Coordinate Access Management with PBC	N/A	<u>LS</u>	1	30	30	5 meetings x 2 people x 3 hrs including minutes.
	Coordination with FDOT D-4			1	16	16	2 meetings x 2 people x 4 hrs including minutes
		N/A	LS	1	12	12	Additional coordination/meetings/research regarding
L	Coordination with Utility Companies						Intersection of Powerline Road
		N/A	LS	1	28	28	1 meeting x 2 people x 4 hrs including minutes + 2
_	Coordination with City of Boca Raton	N/A	LS	1	8	8	hrs each for 10 agencies.
					ĭ	0	1 meetings x 2 people x 4 hrs including minutes.

ROADWAY PLANS TOTAL 438

Manhour Estimate

WANTMAN GROUP, INC. 2035 Vista Parkway, Suite 100 West Palm Beach, FL 33611 (561) 687-2220

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Date: 1/6/2010 (Revised: 3/9/2010) PBC No: 2003510 WGI No: 202344.00

B. DRAINAGE PLANS/DESIGN AND PERMITTING

DRAINAGE ANALYSIS AND DESIGN	Scale	Basis of Estimate	No. of Units/Sheets	Manhours/ Unit/Sheet	Totai Manhours	Comments
1 Design of Roadway Ditches	N/A	MILE	0.5	12	6	Phase A - Design roadside swales for treatment and attenuation (0.25 miles x 2)
2 Design of Storm Sewers	N/A	EA	16	3	48	Phase A - Assume 2 structures every 300° (1.200/300)*2=8 + 2 additional on x-roads. (10 structures x 3 hrs/structure = 30 hrs) Phase B - Modified or added 6 structures to allow for discharge into and out of Cypress Knee Preserve (6 structures x 3 hrs/structure # 18 hrs). Drainage re-design approved by PBC and LWDD, however SFWMD would r allow additional discharge and design to out into Cypress Knee Preserve was revisited a
3 Design of Stomwater Detention/Retention Facilities	N/A	EA	0	0	0	modified.
Design of Exfittration Trenches	N/A	LS	0	0		N/A
5 Design of Special Drainage Systems/Features	N/A	LS	0		0	N/A
3 Drainage Design Report/Documentation	N/A	LS	1	40	40	N/A Phase B - Update Drainage Report to includ write up and additional permit research and historical data of Cypress Knee Preserve to SFWMD. Also includes additional plan set
7 Field Reviews	N/A	LS	1	12		documentation due to project split.
DRAINAGE PLANS				12	12	1 person x 3 each x 4 hrs each,
Drainage Map	200	SHT	2			-
	200	301	2	24	48	Additional drainage maps due to project spli
2 Drainage Structure Sheets 3 Summary of Drainage Structures	10	EA	10	1.8	18	Assuming 16 additional structures (Assume slight reduction in effort for 3 outfall structure into Cypress Knee Preserve already previously designed and removed from plan
Stormwater Detention/Retention Facilities		SHT	1	4	4	Quantities for additional limits
Stormwater Detention/Retention Facilities Cross Sections	10	SHT	0	0	0	Included in Cross Sections
Special Drainage Details	N/A	EA	0	0	0	N/A
PERMITTING	NVA	LS	11	8	8	Outfall Structure Details.
SFWMD Permit Application & Coordination						
LWDD Permit Application & Coordination	N/A	LS	1	40	40	Phase A SFWMD Submittal
PBC ERM Permit Application & Coordination	N/A	LS	1	32		Phase A LWDD Submittal
Agency Meetings	N/A	LS	0	0		N/A
	N/A	LS	0	0		N/A
SFWMD Water Use Permit Application & Coordination	N/A	LS	2	24	48	Phase A & Phase B - Dewatering Permit Application and Supporting Documents (2 separate submittals).

DRAINAGE PLANSIDESIGN AND PERMITTING TOTAL 304

Manhour Estimate

WANTMAN GROUP, INC. 2035 Vista Parkway, Suite 100 West Palm Beach, FL 33411 (561) 687-2220

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Date: 1/6/2010 (Revised; 3/9/2010) PBC No: 2003510 WGI No: 202344.00

C. SIGNING AND MARKING PLANS

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	Scale	Basis of Estimate	No. of Units/Sheets	Manhours/ Unit/Sheet	Total Manhours	Commenta
SIGNING AND MARKING PLANS					L	
1 Key Sheet	N/A	SHT				
2 General Notes Sheet			l	6	6	For additional plan set due to project split.
	N/A	SHT	1	4	4	For additional plan set due to project split.
3 Tabulation of Quantities	N/A	SHT	1	12	12	Quantities for additional limits and for additional plan set due to project split,
Plan Sheets	20	SHT	2.5	12		2 New Sheets (Additional 1200') west of Palmetto Circle North + Revisions to 1 Shee
5 Signalized Intersection Details	20	017			1	east of Palmetto Circle North (8 hours)
Quantities	_	SHT	0	0	0	N/A
Cost Estimates	N/A	LS	0	0	0	N/A
COSI EBUINEIES	N/A	LS	0	0	0	N/A

SIGNING AND MARKING PLANS TOTAL

62

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Manhour Estimate

WANTMAN GROUP, INC. 2035 Vista Parkway, Suite 100 Wast Palm Beach, FL 33411 (561) 687-2220

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Date: 1/6/2010 (Revised: 3/9/2010) PBC No: 2003510 WGI No: 202344.00

D. Utility Coordination UTILITY COORDINATION Coordination with PBC St 1 consultant regarding prop on Palmetic Park Road Basis of Estimate No. of Units/Shee Manhours/ Unit/Sheet Total Scale Com aste Manhours UTILITY COORDINATION Coordination with PBC Staff and PBC lighting 1 consultant regarding proposed lighting design on Palmetto Park Road Includes 2 reviews of lighting plans and 2 meetings with PBC lighting staff and PBC lighting consultants. (Phase B) LS 1 20 20 2 Lighting Sheet for Roadway Plans Includes pole and circuit removal detail sheet in roadway plans for portion within FDOT right-of-way and letter to FDOT documenting proposed design. Also includes meeting with FDOT and PBC lighting staff. (Phase B) LS 1 20 20 UTILITY COORDINATION TOTAL V 40

Permit Expense Summary

WANTMAN GROUP, INC. 2035 Vista Parkway, Suite 100 West Palm Beach, FL 33411 (561) 687-2220

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Date: 1/6/2010 (Revised: 3/8/2010) PBC No: 2003510 WGI No: 202344.00

PERMITS							
AGENCY	PERMIT FEE *						
SOUTH FLORIDA WATER MANAGEMENT DISTRICT (SFWMD) - Phase A							
THILL THE USE (Shoft LATE Develoring) DL	\$ 7,500.00						
DEVINU - VALER USE (Short Term Devetoring) Director	\$ 500.00						
ARE WORTH URAINAGE DISTRICT (LIADO)	\$ 500.00						
AKE WORTH DRAINAGE DISTRICT (LWDD) - Phase A ***	\$ 30,000.00						
	\$ 18,000.00						
PERMIT FEES TOTAL							
	\$ 56,500.00						

* For fees, see attached fee schedules from SFVMD and LWDD.

** Phase A - Assumed initial fee of \$3000 plus 15 additional discharge control structures at \$1800 each.

*** Phase B - As part of the permit application review, LWDD identified 10 additional "control structures". For inclusion in the original application WGI did not identify the replacement of existing ditch bottom inlets/drainage structures as part of the application fee. Per discussion with LWDD, any newly constructed inlets/drainage structures which contain a weir and/or bleeder and controls discharge in any way qualifies as a control structure which needs to be reviewed by LWDD.

CHAPTER 40E-1 GENERAL AND PROCEDURAL Effective Date: November 1, 2009

(3)(a) Environmental Resource Permit Application processing fees are in the following table:

TABLE 40E-1.607(3)(a) PERMIT APPLICATION PROCESSING FEES FOR ENVIRONMENTAL RESOURCE PERMIT APPLICATIONS REVIEWED PURSUANT TO CHAPTERS 40E-4, 40E-40, AND 40E-400, F.A.C.

Fee amounts shall apply to applications for conceptual and construction, or conceptual, or construction, except as noted.

Category New Individual Permit	Amoun
Project area less than 100 acres	
Agriculture	
All others, including Mitigation Banks	\$4,02
Project area 100 acres to less than 640 acres	\$7,50
Agriculture	
All others, including Mitigation Banks	\$5,28
Project area 640 acres or more	\$13,12
Agriculture	-
All others, including Mitigation Banks	\$6,60
Individual Permit Modification	\$25,00
Project area less than 100 acres	
Agriculture	
All others, including Mitigation Banks	\$2,70
Project area 100 acres to less than 640 acres	\$5,00
Agriculture	
All others, including Mitigation Banks	\$3,303
Project area 640 acres or more	\$10,00
Agriculture	
All others, including Mitigation Banks	\$4,624
New Standard General Permit (evolution inside the terminal	\$15,000
New Standard General Permit (excluding incidental site activities pursuant to 40.042, F.A.C.)	Rule 40E
Agriculture	
All others	\$859
Standard General Permit Modification in that	\$3,500
Standard General Permit Modification including Application for phase construct a Conceptual Approval Application for individual permit modification for a syste does not exceed the criteria in Rule 40E-40.041, F.A.C. and which is not require obtain an individual environmental resource permit for the reasons in subsection 40.011(2), F.A.C.	m which
Agriculture	·
All others	\$661
Noticed General Permit pursuant to Chapter 40E-400, F.A.C., including	\$1,500
	\$250
Single family residential homesite consisting of 10 acres or less in total land	\$100

Page 20

http:// www.sfwmd.gov/portal/page/portal/xweb%20-%20release%202/water%20use%20per... 3/9/2010

ter Use Permitting Fe 8 15 MGM (lose than 20 yes 8 MGM less than MQM 1 \$7,000 \$2,700 \$ 5,500 1 CALENDAR

Related Highlights

CALENDAR

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Water Reservations

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Page 1 of 4

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RELATED LINKS
Visiter Use Forms
Visiter Use Publication
FAQs

1 um Tour Schedund (File 20)

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40 Protect the Everyon

NEWS ARCHIN

SOUTH FLORIDA

Water Use Permits are issued for a fixed period of time tion date. Al Consumptive Water Use Permits must be the fixed and the societ to continue using water.

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Water Use Permits

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Page 2 of 4

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Max month allocation greater than 30 MGM lass than or equal to 300 MGM	\$ 8,50
Max month allocation greater than 300 MGM	\$ 11,50
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Individual Irrigation (less than 20 years)	\$ 1,000
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Individual irrigation With a Duration of 20 Years	
Max month allocation greater than 15 MGM less than or equal to 30 MGM	\$ 1,600
Max month allocation greater than 30 MGM lass than or equal to 300 MGM	\$ 3,400
Max month allocation greater than 300 MGM	\$ 5,600
individual Mining (Dewatering)	
Max month allocation greater than 15 MGM less than or equal to 30 MGM	\$ 1,800
Max month allocation greater than 30 MGM less than or equal to 300 MGM	\$ 3,250
Max month allocation greater than 300 MGM	\$ 4,000
Individual Industrial (less than 20 years)	
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http://www.sfwmd.gov/portal/page/portal/xweb%20-%20release%202/water%20use%20per... 3/9/2010

Water Use Permits

Max month allocation greater than 300 MGM \$ 3,200 ral Standard Water Use Permit Max month allocation less than or equal to 3 MGM (minor) \$ 350 Max month allocation greater than 3 MGM less than or equal to \$1,000 15 MGM (major) mg \$ 500 er Storage and Racovery (or cable use type listed above) st added to the \$ 1,000 uit Transfer (o rship) \$ 300 equest (Individual Permit) **\$**-0-Lef ur Me dification Reg st (General Permit) \$-0-

For Environmental Resource Permit Information Click Here

Monthly Regulatory Meetings

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A 2009 amendment to Chapter 373 of the I to executive nent districts thority to ne po d in stan. se and ent. To ng Yit, ct is ng its nt bv o public is to its g pro

Meetings tings are at SFWMD arters in the Storch Room

- uary 20, 2010, Wednesday nda [PDF] or Ninutes [PDF] or orded Meeting [RM]
- February 17, 2019, Wednesd Agenda (PDF) or Recorded Meeting (RM)
- _ ► March 17, 2010, Wednesday
- ► April 21, 2010, Wednesday
- * May 19, 2010, Wednesday
- June 16, 2010, Wednesday
- * July 21, 2010, Wedne sday
- > Aug ant 18, 2010, We
- nber 15, 2018, Wednesdan October 20, 2010, Wednesday
- iber 17, 2010, Wednesday

December 15, 2010, Wednesday

If you wish to participate in Public Meetings to discuss Regulatory Matters but *cannot* attend them in West Paim Beach, you can interact and provide comments during video-conferences at these service centers.

- Lower West Coast Service Center
 2301 McGregor Boulevard
 FL Myers, FL 33901
 Martin and St Lucke Service Center
 780 SE Indian Street
 Stuart, FL 34997
 Ortando Service Center
 1707 Ortando Central
 Parkway, Suite 200
 Ortendo, FL 32809

Meetings will also be webcast. Y may also send comments to the District about applications for Consumptive Use Permits and Environmental Resource Permit Committing.

ten comments can be mailed to th Florida Water Management MSC 2440 3301 Gun Club Road West Paim Beach, FL 33406

Looking for forms and related documents?

Public Meetings Archive >

Click on the Forms/Documents tab below.



he WORD versions of these forms are locked to maintain the integrity of the official document. PDF prsions of the forms are also included.

To use the WORD forms, follow these steps:

Page 3 of 4

SECTION 1.0

LAKE WORTH DRAINAGE DISTRICT **OPERATING POLICIES**

Example 3

Project Description: A roadway project is five miles in length with seven control structures and crossing nine LWDD canals. The crossings consist of culverts less than 120 LF in length.

Fee Calculation:

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Roadways with zero or one discharge structure Six additional control structures are six @ \$1,800.00/C.S. Nine culvert crossings @ \$720.00/crossing	=	\$ 3,000.00 \$10,800.00
time curver crossings (a) \$720.00/crossing	=	\$ 6,480.00

THE TOTAL REVIEW FEE \$20,280.00

NOTE: Existing culverts for side streets and driveways that are being replaced or modified within LWDD Canal(s) for required canal relocation, as part of a road project, are included in roadway fees.

1.2 Permit, Inspection and Administrative Fees

NOTE: Modifications and/or revisions made after the issuance of a Permit will require a \$240.00 Permit Modification Fee. If a modification or revision that is made after the 5240.00 Permit Modification Fee. If a modification or revision that is made after the issuance of a Permit is deemed by LWDD to be a major modification or major revision, the project must apply for a new Permit utilizing the following fee schedule. A Permit Reissue will require a 5240.00 fee. Fees will be doubled if improvements are constructed or installed without a Permit or backfilled without inspection.

Drainage Permits:	
Projects 10 acres or less	#1.000.00
Projects above 10 acres and less than 40 acres	\$1,200.00 ea.
Projects 40 acres and above	\$3,000.00 ca.
Each subsequent phase of a previously approved Master	\$4,200.00 ca.
Plan	
[REF: SECTION 2.0]	\$ 240.00 ea.
Rondway Projects	
Designs with zero or one discharge control structure	\$3,000.00 ea.
cach additional discharge control structure	\$1,800.00 ca.
[REF: SECTIONS 2.0 & 5.0]	J1,800.00 Ca.
M.S.T.U. Roadway Projects	
(Private Property Assessed Projects)	£1 300 00 ···
[REF: SECTIONS 2.0 & 5.0]	\$1,200.00 ea.
Bridges or Box Culverts (0 - 120 L.F.)	£1 200 00
Each additional 20 L.F. or fraction thereof	\$1,200.00 ea.
[REF: SECTIONS 4.0 & 5.0]	\$ 50.00 ea.
For Lengths 200 L.F. or greater	
[REF: SECTIONS 5.6 & 38.0]	
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Last Revised: Oct. 1, 2009



February 25, 2010

Mr. David Wantman, P.E. Wantman Group, Inc. 2035 Vista Parkway, Suite 100 West Palm Beach, Florida 33411

Re: Traffic Signal Plans and Street Lighting Design Analysis Report – Palmetto Park Road from a point approx 3400 ft West of Powerline Road extending eastward to a point approximately 100 ft west of Boca Del Mar Drive

Dear Mr. Wantman:

Kimley-Horn and Associates, Inc. is pleased to submit this Scope of Services to Wantman Group Inc. ("the Client") to provide additional engineering service associated with the above referenced project. This effort will be governed by the terms and conditions of our current agreement as amended below. Our scope of services, schedule, and fee are below.

Scope of Services

Task I - Signalization Construction Plan

The Consultant will prepare three additional traffic signal plans for the following locations:

- Palmetto Park Road and Powerline Road (New Mast Arm)
- Palmetto Park Road and Toledo Road (New Mast Arm)
- Palmetto Park Road and Palmetto Park Circle. (New Mast Arm)

Wantman Group, Inc. shall provide the cadd files required for our use in preparing the base mapping associated with each of the above referenced intersections. Information to be furnished shall include, but not be limited to, existing and proposed roadway features such as edges of pavement, sidewalks, curb and gutter, traffic separators, drainage structures, vertical and horizontal locations of existing and proposed utilities, as well as existing traffic signal components. KHA will use this provided data to prepare the proposed signal plans. The proposed traffic signal plans will be designed in accordance with FDOT and Palm Beach County guidelines. These proposed signal plans will show the location of the proposed mast arm poles, foundations, traffic and pedestrian signal heads, controller, conduit, and pull boxes. The appropriate Palm Beach County Signal Contract pay item numbers will be included in the plans to identify the anticipated work elements.

The traffic signals installations at these locations will require new mast arm signal supports. It is assumed that these mast arms will require structural analysis and design and is included as a part of this Scope of Services and Fee. Wantman Group, Inc. shall provide the Consultant with a geotechnical report, signed and sealed by a professional engineer registered in the State of Florida, indicating the existing design values of the soil.

1

TEL 561 845 0665 refAX/081 863 8175 ... 1431 Embarcadero Drive West Paim Beach, Floride 33407



Mr. David Wantman, Pg 2, February 25, 2010

KHA shall provide the Wantman Group with the approximate locations of the proposed geotechnical testing. The plan will be prepared using Microstation at a scale suitable for reproduction at 1"=20'. The plan set will consist of the summary of quantities, signalization general notes, traffic signal plan and the standard FDOT mast arm index sheets. It is anticipated that we will be able to re-use the Key Sheet, General Notes, Tabulation of Quantities and Pay Item Footnote sheets previously prepared however they will require some modifications to make them specific to this work.

It can be anticipated that there may be minor changes in the roadway/intersection design as a result of Palm Beach County's review comments. Minor adjustments to the signal plan are included in this scope of services. However, significant revisions to the traffic signal plans, resulting from revisions to the roadway/intersection plans, will be considered as additional services. KHA will obtain Peak Hour traffic counts at each of the subject intersections. These counts will be used as the basis for developing the traffic signal phasing and initial timings for each of the intersections.

KHA will attend 1 meeting with Palm Beach County to review the design concept and elicit their comments.

KHA will furnish plan sets for use by Wantman Group, Inc in submitting the necessary permit applications.

KHA will meet with a representative of FPL to identify the service point locations for each of the proposed traffic signals.

It is assumed that the <u>Florida Department of Transportation Standard Specifications for</u> <u>Roads and Bridges</u> dated 2010 and the supplements thereto will be used as the technical specifications for this work and that no special technical provisions are required.

The design and preparation of the Signal interconnect plans from Palmetto Park Circle to Military Trail was included in the original Scope of Services. The additional effort to be accomplished under this task is extending the interconnect plans to a point 1400 lf west of Palmetto Park Circle and preparing two (2) different stand-a-lone sets of plans. This will include preparation of the following additional plan sheets:

- Tabulation of Quantities
- Pay Item Footnotes
- General Note Sheets
- One additional plan sheet

Task 2 - Street Lighting Design Analysis Report

The analysis and preparation of the Street Lighting Design Analysis Report was included in the Previous Scope of Services. The additional effort to be accomplished under this task is as it relates to preparing two (2) different reports.

Task 3 – Additional Services

Upon your authorization, we will provide any additional services that may be required beyond those described in Task I through 2. These services may include but are not limited to such items as the following:

rev 1/00



Mr. David Wantman, Pg 3, February 25, 2010

- Preparation of permit applications other than as noted in the above Scope of Services.
- Preparation of traffic signal plans at locations other than those noted in the above Scope of Services.
- Special Technical Provisions.
- Major revisions to the signal plans resulting from changes in the roadway/intersection design.
- Making traffic counts or undertaking other traffic related analysis not included in this scope of services.
- Attendance at any meetings not included in the Scope of Services.
- Planning, design, or permitting of improvements not included in the scope of services.
- Plans review or permit application fees.
 - Utility design other than those elements included in this scope of services.
- Services required by additional governmental regulations that might be put into effect after the date of this agreement.

SUPPLIED BY THE CLIENT

The following information, upon which the Consultant may rely, will be provided to KHA by the Client or its representatives:

- 1. Cadd files of the project area suitable for use in preparing the traffic signal plans.
- 2. Horizontal and vertical location of existing and proposed utilities.
- Geotechnical report providing the soil design values required for verification that soil conditions match those assumed by FDOT.
- Proposed vertical information such as finished pavement elevations, sidewalk and roadway grades required for use in designing mast arm components.
- 5. Other information, as may be required by the Consultant, to design the project.

DELIVERABLES

- 1. Two full size sets of signed and sealed plans.
- 2. Two sets of 11"x17" sets of plans.
- 3. One copy of the Microstation electronic cadd files.
- Furnish the required number of signed and sealed plans for use by Wantman Group, Inc. in applying for the permits necessary for the project.

Schedule

Schedule for Tasks 1, and 2:

We anticipate developing the traffic signal plans simultaneously with Wantman Group's project schedule. This will require submittal of the initial traffic signal layouts with the 65% plans and final traffic signal plans with the 96% submittal. KHA will need cadd files for development of the initial plans and the final geotechnical report 45 days in advance of the 65% plans submittal date. We will need cadd files, reflecting any revisions to the roadway design resulting from 65% review comments, 30 days prior to the 96% plans submittal. The Lighting Design Analysis Report will be submitted with the 65% plans

3

rev 1/00



Mr. David Wantman, Pg 4, February 25, 2010

Fee and Billing

KHA will perform the services for Tasks as described in the Scope of Services for a total fee of \$46,022.96.

Fees will be invoiced monthly based upon the percentage of services completed as of the invoice date. Payment will be due within 25 days of the date of the invoice

We will provide services for Tasks 3 on an hourly basis in accordance with the corporate hourly rate schedule in effect at the time the services are rendered and will be invoiced on a monthly basis.

Closure

If you concur in all the foregoing and wish to direct us to proceed with the services, please have authorized persons execute both copies of this Agreement in the spaces provided below, retain one copy, and return the other to us. Fees and times stated in this Agreement are valid for sixty (60) days after the date of this letter.

We appreciate the opportunity to provide these services to you. Please contact me if you have any questions.

Very truly yours, KUMLEY-HORN AND ASSOCIATES, INC.

By: Sympton Orr, CET ssociate

Attachment - Standard Provisions

Agreed to this ____ day of _

Wantman Group, Inc. A Corporation

By:

(Print or Type Name)

__, President/Vice President

Hut vfl

Ken Jackson, P.E.

Senior Vice President

Attest:

(Print or Type Name)

____, Secretary/Assistant Secretary

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Affix Corporate Seal:

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8. Lighting Design Analysis Report		\$50.94		\$47.41	5	\$38.20		\$25.91		•	\$0.90
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Reimbursable Expense Summary

Kimley-Horn and Associates, Inc. 4431 Embarcadero Drive WEST PALM BEACH, FL 33407 (561) 854-0665

Date: 1/16/2010 (Revised 3/9/2010) PBC No: 2003510 KHA No: 042063001

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Palm Beach County- Traffic	2	17	34		34
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REIMBURSABLE EXPENSE TOTAL

PALMETTO PARK ROAD SA No. PROJECT SPLIT AT BOCA DEL MAR ROAD WEST OF POWERLINE ROAD TO BOCA DEL MAR DRIVE

Staff Hour Estimate

Date:2/6/066 PBC No: 2003330 WG3 No:

Campany NasariCimity_hors& Associates, Inc. Address: 6431 Emborcadors Drive, West Polss Bch. Pierida 33607 Address : 561.845.8665

B. Lighting Design Analysis Report

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LIGHTING DEMON ANALYSIS REPORT

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PALMETTO PARK ROAD &A No. PROJECT SPLIT AT BOCA DEL MAR DRIVE WEST OF POWERLINE ROAD TO BOCA DEL MAR DRIVE

Staff Hour Estimate

Vann: Kindry-Hera & Associates, Iac.	43) Emberoadero Drive, West Poles Bick, Florida 13407		
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Date: 26/2006 PBC No: 2003519 WGI No:

D. SIGNAL PLANS

Basis of No. of Staff Hours' Total Staff Editmete Units/Shoots Unit/Shoot Hours Scale

Comments

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 hourdee obtaining utility information 72 Includes structural anieyais A 98 X x x x x 2 x 2 x 2 x 3 Per Maer 1 Kay Sheet 2 General Natine SheeterPay fem Notes 3 Tabulation of Charolites 4 Tabulation of Charolites 5 Tensis Sheet 6 Treffic Date Analysis 7 Maat Arm Dated Sheets 8 Anat Arm Dated Sheets 9 Maat Arm Dated Sheets 11 Feid Review 12 Engineering Estimate 13 Meetings 14 UBY Caevelanelion SIGNAL PLANS

SIGNAL PLANS TOTAL



Revised February 25, 2010 January, 16, 2006

Wantman Group, Inc. 2035 Vista Parkway, Suite 100 West Palm Beach, FL 33411

Attn: Mr. Keegan Larson, P.E.

Re: Proposal for Additional Geotechnical Services – Mast Arms Palmetto Park Road from West of Palmetto Circle North to West of Military Trail Palm Beach County, Florida Tierra Proposal No.: 0601-011

Dear Keegan:

As requested, Tierra, Inc. is pleased to submit this proposal for additional services for the abovereferenced project. This proposal includes an outline of our proposed scope of work, an estimate of the total fees, and our anticipated schedule for completion of the work.

PROPOSED SCOPE OF WORK

All work performed by Tierra, Inc. will be in general accordance with FDOT standards. We understand that additional fourteen (14) SPT borings will be required for mast arms. We propose to drill these borings to a depth of 35 feet below existing grade.

Within the borings, undisturbed sample collection will be performed in general accordance with the requirements of ASTM D 1587, respectively. Borings will be approximately located in the field by our personnel by measuring distances with a tape from known reference points. Elevations at boring locations can be interpreted from topographic plans if furnished by others.

Upon completion of the field exploration, laboratory testing will be performed on selected samples. The study will be summarized in accordance with the FDOT's Soil and Foundation Manual. Wantman Group, Inc. Proposal No. 0601-011 Page 2

A geotechnical engineer will evaluate the results of all drilling and laboratory testing. A report will be issued that contains the exploration data, a discussion of the site and subsurface conditions, recommendations for foundation design, and a discussion of some construction considerations.

ESTIMATED FEES

It is proposed that the fee for the performance of the services outlined above be determined on a unit price basis in accordance with the attached Fee Schedule, and that the work be performed pursuant to Tierra's General Conditions enclosed herewith and incorporated into this proposal. On the basis of the proposed quantities, it is estimated that the total fee will be approximately \$23,205.00.

Our estimate covers the work needed to present our findings and recommendations in a formal report. Not included are reviews of foundation drawings, preparation of construction specifications, special conferences and any other work requested after submittal of our report.

This estimated fee assumes that the site is readily accessible to our truck-mounted drilling equipment. Any bulldozer or wrecker services required to provide access pathways or mobility assistance to our truck-mounted drill rig are not included in this proposal.

Boring, sampling, and testing requirements are a function of the subsurface conditions encountered. Therefore, the estimated fee previously indicated is approximate, and compensation for the exploration will be based on the actual work and tests performed. We will endeavor to keep the exploration cost at a minimum consisting with good engineering practice.

SCHEDULE AND AUTHORIZATION

Tierra will proceed with the work after receipt of a signed copy of this proposal. With our present schedule, we can commence work within several days of project approval (weather permitting) and fieldwork will take about 7 days to complete. The written report can be submitted about 2 to 3 weeks after completion of the field exploration, depending on the extent of the laboratory-testing program. Verbal preliminary recommendations can be made to appropriate parties prior to submittal of the written report.

Wantman Group, Inc. Proposal No. 0601-011 Page 3

We at Tierra, Inc. appreciate the opportunity to submit this proposal and look forward to working with you on this project. If you should have any questions concerning our proposal, please contact our office.

Respectfully submitted,

THERRA, INC. Francois Thomas, P.E. Consultant

Attachments: 1. Fee Estimate 2. General Conditions

AUTHORIZED BY:	INVOICE TO:
Name:	Pirm:
Title:	Name
	Address:

TIERRA, INC. ATTACHMENT 1 - FEE ESTIMATE GEOTECHNICAL SERVICES – ADDITIONAL SERVICES PALMETTO PARK ROAD PALM BEACH COUNTY, FLORIDA

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	UNITS	UNIT RATE	COST
I. FIELD EXPLORATION - MOBILIZATION			and the second secon
A. Mobilization of Drill Rig and Equipment			
1. Truck Rig			
a. 0 - 50 mile radius	1 Each	\$350.00	\$350.00
b. 50-100 mile radius	0 Each	\$450.00	\$0.00
B. Stake Borings and Utilities Clearance by Sr. Eng. Technician	10 Hours	\$65.00	\$650.00
C. Flagmen		······	
1. 1-Man Crew (including Safety Equipment)	4 Days	\$800.00	× \$3,200.00
II. FIELD EXPLORATION - ROADWAY			<u> </u>
A. Auger Borings			
	0 Feet	\$9.00	\$0.00
B. Borehole Logging & Sampling by Sr. Eng. Technician	6 Hours	\$65.00	∖ \$390.00
C. Wash Boring (0-50 feet deep)	490 Feet	\$12.00	\$5,880.00
D. Wash Boring (50-100 feet deep)	0 Feet	\$14.00	\$0.00
E. Grouting Boreholes (0-50 ft)	490 Feet	\$5.50	\$2,695.00
F. Casing (0-50 ft)	0 Feet	\$7.00	\$0.00
III. LABORATORY TESTING			
A. Visual Examination/Stratification by Project Eng.	10 Hours	\$115.00	\$1,150.00
B. Laboratory Tests		<i>4110,00</i>	- ψ1,130.00
1. Organic Content	10 Each	\$50.00	\$500.00
2. Natural Moisture Content	10 Each	\$20.00	\$200.00
3. Full Sieve Analysis			\$200.00

TIERRA, INC. ATTACHMENT 1 - FEE ESTIMATE GEOTECHNICAL SERVICES – ADDITIONAL SERVICES PALMETTO PARK ROAD PALM BEACH COUNTY, FLORIDA

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4. #200 Sieve Wash	UNITS	UNIT RATE	COST
4. #200 Sieve wash	0 Each	\$45.00	\$0.00
5. Corrosion (pH, sulfate, resistivity & chloride)	10 Each	\$185.00	× \$1,850.00
IV. ENGINEERING AND TECHNICAL SERVICES 1. Principal Engineer			<u> </u>
	2 Hours	\$145.00	✓ \$290.00
2. Senior Geotechnical Engineer	10 Hours	\$125.00	\$1,250.00
3. Project Engineer	30 Hours	\$115.00	\$3,450.00
4. Senior Engineering Technician	0 Hours	\$65.00	\$0.00
5. Engineering Technician	0 Hours	\$60.00	\$0.00
6. CADD Technician	10 Hours	\$60.00	\$600.00
TOTAL FEES			\$23,205.00

PROFESSIONAL SURVEYING SERVICES

February 24, 2010

Mr. Keegan Larson The Wantman Group 2035 Vista Parkway Suite 100 West Palm Beach, FL 33411

Re: Palmetto Park Road - 1000' West of Original Topographic Survey and 500' North and 500' South along Powerline Road

Dear Mr. Larson:

Thank you for the opportunity to provide you with the following services for the subject site. This proposal is based on documentation and information provided by your office. We will review any title work supplied by you. The scope of services is as follows:

SCOPE OF SERVICES

I. HORIZONTAL PROJECT NETWORK CONTROL

Using the information supplied by Palm Beach County, we will establish and extend the Right-of-Way for Palmetto Park Road to the west of the previous project (Brown & Phillips project #03-074). A traverse will be run through the route and all found monumentation will be tied in. The survey will be oriented to Palm Beach County horizontal control (NAD 83/90 Adjustment). The Palm Beach County Survey Department will supply all the sectional control information along the proposed route.

II. VERTICAL PROJECT NETWORK CONTROL

A level run will be performed along the route using the existing Palm Beach County benchmarks (NAVD 1988). Benchmarks will be set along the route, not exceeding 600 feet apart, so that we will have at least one benchmark per plan sheet. All benchmarks will be set outside of the proposed right of way.

> 901 Northpoint Parkway • Suite 119 • West Palm Beach, Florida 33407 (561) 615-3988 • Fax (561) 615-3986

Larson February 24, 2010 Page 2

III. BASELINE LAYOUT

We will lay out the baseline at 100-foot intervals setting appropriate points at each station. The baseline will be laid out within the limits of the route. These baseline points will be used in the topographic and cross section phase to locate features and facilitate checks.

IV. REFERENCE POINTS

We will reference the baseline at intervals not exceeding 1400 feet along the route. These points will be used to replace disturbed baseline stations. We propose to set one (1) reference point.

V. TOPOGRAPHY

A topographic survey will be performed along the route. This survey will tie in all visible features such as, but not limited to, signs, light poles, guardrails, utilities, walks, edge of pavement, curbing, drainage structures, etc. These locations will show all features within the corridor from right of way to right of way extending to 10 feet outside the proposed right of way if provided.

VI. CROSS SECTIONS

Cross sections will be done along the route at 100-foot intervals. These cross sections will cover the roadway to the right of way lines and extend to 25 feet outside of the right of way. In addition we will utilize this new information and generate an updated Tin file.

VII. ASBUILTS

We will attempt to get asbuilt information on all the pipes leading out of any storm or sanitary sewer structures found. We will show invert elevations, pipe sizes and materials for all pipes located including outfall pipes.

VIII. VERIFICATION OF TOPO

We will do a verification of the original topo for phase A limits (750' west of Palmetto Circle North to Boca Del Mar Drive) Approximately 8,000'. Any minor changes will be relocated to make the survey current. We will also reshoot the entire Powerline Road corridor, including a plateau of the intersection. This is being done due to the current construction and widening of Powerline Road.

WSHUserstwickellulargiMy Document/PROPOSALSIBY COMPANY/WANTMAN OROUP/Palmetto Park Band 1000' west of ceinical interactive networking Bound

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Larson February 24, 2010 Page 3

CLOSURE IX.

A drawing will be produced which will show all the features located. We propose to provide The Wantman Group with an AutoCAD file in the version requested. Any additional work will be done on an hourly basis as approved by you. The proposed cost for this project is \$12,259.00 Please do not hesitate to call me with any questions you might have regarding this proposal. We look forward to working with you on this project.

Sincerely,

Brown & Phillips, Inc.

John E. Phillips III, P.L.S. Principal

Accepted This _____ Day Of _____, 2010.

The Wantman Group

By: _____

Print Name: ____

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ATTACHMENT "A"

Palmetto Park Road – 1000' West of Original Topographic Survey and 500' North and South along Powerline Road

Description: Roadway Survey Size: 2,000' +/-

Date of	of Prop	ikeo(February	y 24.	2010	1

	3 MAN	CADD	SURVEY		
TASK	FIELD	TECH	TECH	PLS	COMMENTS
Horizontal Project Network Control	5		7	4	Establish control and right-of-way
Vertical Project Network Control	4		.5		Set benchmarks along corridor
Baseline Layout 100'	2				Lay out baseline at 100' intervals
Reference Points	1				Set 1 reference point
Topography	16		2		Locate all above ground features
Cross-Sections	20		8	6	At 100' intervals to 25' outside R/W, generate new tin file; intersection plateau
Asbuilts	6		1		Asbuilt storm structures
Verify Topo	10	2	2		Check for changes on original topo survey along Palmetto Park
CADD Base Drawing		16	4	2	Prepare cadd drawing
Total Hours	64	18	24.5	× 12	
Rate/Hour	\$125.00	\$66.00	\$70.00	\$113.00	
Sub-total	\$8,000.00	\$1,188.00	\$1,715.00	\$1,356.00	
Total Price		· · · · · · · · · · · · · · · · · · ·	\$12,259.00)	

WFS1UsernmicheRulase/My Documents/PROPDSALS/BY COMPANY/WA//TMAN GROUP/Palmento Park Road 1900' west of original topographic survey along Powerline rd doc

EXHIBIT "B"

CERTIFICATION STATEMENT

 Project:
 Palmetto Park Road from W. of Powerline Road to I-95

 Project No.:
 2003510

CONSULTANT: <u>Wantman Group, Inc.</u>

TRUTH-IN-NEGOTIATION STATEMENT

By entering into this Agreement, the **CONSULTANT** certifies that the wage rates and costs used to determine the lump sum fees contained in herein are accurate, complete and current as of the date of this Agreement.

The said lump sum fees shall be adjusted to exclude any significant sums should the **COUNTY** determine that the lump sum fees were increased due to inaccurate, incomplete or non-current wage rates or due to inaccurate representations of fees paid to outside consultants.

The COUNTY shall exercise its right under this "Certificate" within one year following final payment.

PROHIBITION AGAINST CONTINGENT FEES STATEMENT

By entering into this Agreement the **CONSULTANT** warrants that they have not employed or retained any company or person other than a bonafide employee working solely for the **CONSULTANT** to solicit or secure this Agreement and that they have not paid or agreed to pay any person, company, corporation, individual or firm other than a bonafide employee working solely for the **CONSULTANT**, any fee, commission, percentage, gift or other consideration contingent upon or resulting from the award of making of this agreement.

PUBLIC ENTITY CRIMES STATEMENT

As provided in F.S. 287.132-133, by entering this Agreement or performing any work in furtherance hereof, the **CONSULTANT** certifies that it, its affiliates, suppliers, sub-contractors and consultants who will perform hereunder, have not been placed on the convicted vendor list maintained by the State of Florida Department of Management Services within the 36 months immediately preceding the date hereof. This notice is required by F.S. 287.133 (3) (a).

NON-DISCRIMINATION STATEMENT

The **CONSULTANT** warrants and represents that all of its employees are treated equally during employment without regard to race, color, religion, disability, sex, age, national origin, ancestry, marital status, sexual orientation, gender identity and expression.

Gary Williams P.E., Senior Vice President

F:\ROADWAY\CCNA\2003\2003510\PROJECT\Supp6\Affidavit.doc

CONFLICT OF INTEREST DISCLOSURE FORM

Project:Palmetto Park Road from W. of Powerline Road to I-95Project No.:2003510

ENGINEER represents that it presently has no interest, either direct or indirect, which would or could conflict in any manner with the performance of services for the County, except as follows:

(Attach additional sheets as needed.)

ENGINEER further represents that no person having any interest shall be employed for said performance. By signing below, ENGINEER certifies that the information contained herein is true and correct and constitutes all current potential conflicts of interest which may influence or appear to influence ENGINEER'S judgment or quality of services being provided to the County.

ENGINEER shall promptly notify the COUNTY in writing by certified mail of all potential conflicts of interest that may arise in the future through any prospective business association, interest or other circumstance which may influence or appear to influence ENGINEER'S judgment or quality of services being provided to the County. Such written notification shall identify the prospective business association, interest or circumstance, the nature of work that ENGINEER may undertake and request an opinion of the COUNTY as to whether the association, interest or circumstance would, in the opinion of the COUNTY, constitute an unacceptable conflict of interest if entered into by the ENGINEER.

If, in the sole opinion of the COUNTY, the prospective business association, interest or circumstance of ENGINEER would constitute an unacceptable conflict of interest to the COUNTY, the COUNTY shall so state in the notification and the ENGINEER shall not enter into said association, interest or circumstance.

THIS DISCLOSURE is submitted by <u>Gary William</u> (Name o	ns, P.E, as of Individual)
acknowledged that any misrepresentation by the Consultant on unethical business practice and is grounds for sanctions against Consultant.	of ENGINEER) and correct. Further, it is hereby this Disclosure is considered an t future County business with the 3 26 10
F:\ROADWAY\CCNA\2003\2003510\PROJECT\Supp6\Disclosure Doc.doe	(Date)

Revised 01/27/05

EXHIBIT "C"

04/08/2010

Engineering & Public Works Roadway Production PARTICIPATION FOR MWBE/SBE CONSULTANTS

Supplement Number 6

Project Name: Palmetto Park Road from West of Powerline

Project No.: 2003510A&B

Resolution Date: 10/21/2003

Prime Consultant: Wantman Group, Inc.

Prime Contact Person:

Telephone No.: (561) 687-2220

Supplement date: 03/23/2010

Department: Engineering & Public Works

Res #: R2003-1658

	Type / Description of			Contract Dolla	ar Amount for Sub-C	Consultant	
Name / Address / Telephone of Minority Sub-Consultant	Work Performed by Sub-Consultant		Black	Hispanic	Other	Women	White Male
Brown & Phillips, Inc. 901 NORTHPOINT PKY STE 119	Surveyor	MWBE	0.00	0.00	0.00	0.00	N.
WEST PALM BEACH, FL 33407 (561) 615-3988		SBE	12,259.00	0.00	0.00	0.00	0.00
Tierra, Inc. 2765 VISTA PKY STE 10	Geotechnical	MWBE	0.00	4,705.00	0.00	0.00	
WEST PALM BEACH, FL 33411 (561) 687-8536		SBE	0.00	0.00	0.00	0.00	0.00
	т	Total MWBE	0.00	4,705.00	0.00	0.00	
		%		3.49			
	I	Total SBE	12,259.00	0.00	0.00	0.00	0.00
Total Supplement Amount:	134,448.89	%	9.11	<u></u>			

Exhibit c

Page 1

EXHIBIT "D"

SCHEDULE 2

LETTER OF INTENT TO PERFORM AS AN SBE-M/WBE CONSULTANT/SUBCONSULTANT

(Name of Prime Consultant)

PROJECT NO. ________

PROJECT NAME: ____Palmetto Park Road from W. of Powerline Road to 1-95

TO: Wantman Group, Inc.

The undersigned is certified by Palm Beach County as a(n) - (check one or more, as applicable):

 Small Business Enterprise (SBE)
 X
 Minority Business Enterprise (M/WBE)

Black X Hispanic Women Caucasian Other (Please Specify)

Date of Palm Beach County Certification:

The undersigned is prepared to perform the following described work in connection with the above project and will enter into a formal agreement for work with you conditioned upon your execution of a contract with Palm Beach County. (Specify in detail particular work items or parts thereof to be performed)

Surveyor Services. Tasks include horizontal and vertical project network control; baseline layout; reference points; topography; cross sections; as-builts and verification of topo.

SBE-M/WBE Participation _____9.11 %

If undersigned intends to sub-subcontract any portion of this subcontract to a non-certified SBE subcontractor, the name of any such subcontractor must be stated _____

The undersigned subconsultant understands that the provision of this form to prime bidder does not prevent subconsultant from providing quotations to others.

Brown & Phillips, Inc.
(Print name of SBE-M/WBE Subcontractor)
By:OL Effect
(Signature)
John E. Phillips III
(Print name/title of person executing on behalf of SBE-M/WBE Subconsultant)
Date: 3-30-10

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SCHEDULE 2

LETTER OF INTENT TO PERFORM AS AN SBE-M/WBE CONSULTANT/SUBCONSULTANT

PROJECT NO. ______2003510

PROJECT NAME: _____Palmetto Park Road from W. of Powerline Road to I-95

TO: _____Wantman Group, Inc.___

(Name of Prime Consultant)

The undersigned is certified by Palm Beach County as a(n) - (check one or more, as applicable):

 Small Business Enterprise (SBE)
 X

 Minority Business Enterprise (M/WBE)
 X

Black _____ Hispanic _____ Women ____ Caucasian _____ Other (Please Specify) _X

Date of Palm Beach County Certification: _____2/4/09 - 2/3/2012

The undersigned is prepared to perform the following described work in connection with the above projectand will enter into a formal agreement for work with you conditioned upon your execution of a contract with Palm Beach County. (Specify in detail particular work items or parts thereof to be performed)

Geotechnical Services. Additional fourteen SPT borings will required for mast arms.

SBE-M/WBE Participation _______ %

If undersigned intends to sub-subcontract any portion of this subcontract to a non-certified SBE subcontractor, the name of any such subcontractor must be stated ______

The undersigned subconsultant understands that the provision of this form to prime bidder does not prevent subconsultant from providing quotations to others.

	Tierra South Florida, Inc.
	(Print name of SBE-M/WBE Subcontractor)
Bv:	THE
	(Signature)

Raj Krishnasamy, P.E. / President (Print name/title of person executing on behalf of SBE-M/WBE Subconsultant)

Date: _____4/8/10

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@ ACORD CORPORATION 1988

DESCRIPTION OF OPP		
CERTIFICATE HOLDER	RATIONS SECTION CONTINUED	DATE 10/20/2009
Palm Beach County c/o Engineering Department 2300 F. Jog Road, 3rd Floor	WSURED: Wantman Group, Inc. 2035 Vista Parkway, Suite 100 West Palm Beach FL 33411	10/20/2009
West Palm Beach PL 33411-2745		
DESCRIPTION OF OPERATIONS CONTINUED: The companies will not allow us to strike th to do so shall impose no obligation or liabi representatives" from the cancellation claus	lity of any kind upon the incomes the second	or
state county, soard of county Commissioners.	n the event of nonpayment of policy premiums. a Political Subdivision of the State of Plor: as "additional insureds" with respects to the 1 projects in Palm Beach County	Palm da, it's
DOC (10/2003)	_	

Page 3 of 3

PALMETTO PARK ROAD - FROM WEST OF POWERLINE ROAD TO WEST OF MILITARY TRAIL (PHASE A) DATE: 3/8/2010

		Duration	Stort	Arr	May	Jun	2010	A.15		T				,					211		
1 Notice-To-Proceed		0 days	Mon 5/24/10							Ost	Nev	Dec		Feb	Mer	Aar	May	- MI	- Au	Avg	-
² Design Survey (Additional)		10 days	Mon 5/24/10	t	प	_	+	1	†	+			den daag nagmag yay 17 Matanada ya A				+				<u> </u>
³ Review MasterPlan Geometry & Design	······	15 days	Mon 6/7/10	1		H	•	+	+	+					· . · / · · · · · · · · · · · · · · · ·						. .
⁴ MasterPlan Quality Control		10 days	Man 6/28/10	-	f ~ ~ ~ ~ ~ ~		<u> </u>		† - · · · ·		+										
⁵ Incorporate QC Comments	an a	5 daya	Man 7/12/10			1'	1	1	+												<u> </u>
⁶ Preliminary Drainage Calculations		25 days	Man 6/7/10			4	' ' ' '		1												-
7 Conduct Design Coordination Meeting w	/ith PBC	1 day	Man 7/19/10			L.	- h	<u>}</u>	<u>}</u>												├
⁸ Incorporate PBC Design Coordination Co	omments	10 days	Tue 7/20/10			+															
⁹ Field Review		1 day	Tue 7/20/10					1													<u> </u>
65% Roadway Design	1	25 days	Tue 8/3/10								g a saga	l The second se	<u> </u>								
¹ Drainage Documentation	······································	45 days	Tue 8/31/10									strij t	[]					al 199			
² Prepare Draft Permit Package		10 days	Tue 11/2/10							ing ang sang sang sang sang sang sang san							· · · · · · · · · · ·				A
³ Review Draft Permit Package		10 days	Tue 11/16/10										{								
4 65% QC and Constructability Reviews		10 days	Tue 1/25/11								<u>Li_</u>	+		1							
Incorporate QC Comments		5 days	Tue 2/8/11										_	h							
Submit 65% Plans	n han dilan a many set a rana dilangan nga kasar tau manana a saya na ga ta ana saya a maka kasar dar	1 day	Tue 2/15/11																		
Submit Permit Package		1 day	Thu 2/17/11						+												
Utility Meeting/Coordination	nen die Naarse gestel die aande verse staar die Nationale van die een die staar gestel de seere de seere gestel	1 day	Wed 2/23/11																		
65% PBC Plans Review	2	6 days	Thu 2/24/11										~~~~~		107,54						
Field Review	······	1 day	Wed 2/16/11				· · · · · · · · ·							-14	<u> </u>						
Respond to 65% Comments	1	0 days	Thu 3/31/11													1					···· -
96% Roadway Design	4	6 days	Thu 4/14/11		· ··· · · · · •										<u> </u>		100.000				ayana na sa
96% QC and Constructability Reviews	1	0 days	Thu 6/16/11			··· .· · ··· · · · · · · · · · · · · ·										L.	dellar.				a
Submit Final Permit Package		1 day	FH 5/17/02																		
Incorporate QC Comments		5 deys	Thu 6/30/11		+											· · ·		<u> </u>			
Submit 96% Plans		1 day	Thu 7/7/11			<u> </u>													•		
96% PBC Plans Review	2	days	Fri 7/8/11			• • • • • • • •										· ···- ·					
Final Field Review		1 dey	Fri 7/8/11		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		· ··· · ·			+ -		····-						1.562940		
Respond to 96% Comments / Prepare FINA	AL Plans) days	Fil 8/12/11				······	····· }	• • • • •			· · · · · · · · · · · · · · · · · · ·						fr¶			
Submit FINAL Construction Plans and Doc	cumentation (days	Thu 8/25/11				•	·													

ATTACHMENT 3