

Lee County Board Of County Commissioners
Agenda Item Summary

Blue Sheet No. 20030674

I. REQUESTED MOTION:

ACTION REQUESTED: Approve Change Order No. 3 to Contract #2035, with TY Lin International, for CN-01-19 Summerlin Road Six Laning between San Carlos and Gladiolus, for a total not-to-exceed amount of \$332,248.14.

WHY ACTION IS NECESSARY: Board approval required.

WHAT ACTION ACCOMPLISHES: Provides for additional design services for sidewalk and street lighting needed to respond to public comment received and continue with the design for the Summerlin Road Six Laning project.

2. DEPARTMENTAL CATEGORY:

09 Transportation
COMMISSION DISTRICT #:

C9A

3. MEETING DATE:

06-24-2003

4. AGENDA:

- CONSENT
- ADMINISTRATIVE
- APPEALS
- PUBLIC
- WALK ON
- TIME REQUIRED:

5. REQUIREMENT/PURPOSE:
(Specify)

- STATUTE
- ORDINANCE
- ADMIN. CODE *AC-4-4*
- OTHER

6. REQUESTOR OF INFORMATION:

- A. COMMISSIONER
- B. DEPARTMENT *Transportation*
- C. DIVISION
- BY: *Scott Gilbertson, Director*

7. BACKGROUND:

On the Board meeting of February 19, 2002, the Board entered into a contract for CN-01-19 Summerlin Road Six-Laning with TY Lin International, for a contract amount of \$1,899,999.97.

The following is a summary of the existing Change Orders approved to date:

Change Order No. 1, was approved on December 23, 2002 for Adding Sub and transferring fees in Traffic Data, Geometric Concepts, Roadways, Bridge; and Overpass Plans changing funds from Consultant to Sub-Consultant Fee.

Change Order No. 2, was approved on January 23, 2003 in the amount of \$200,093.80 for Six Laning Gladiolus Drive from Winkler Road Sta. 256+75.8 to Sta. 275 +00 just east of Summerlin Road.

Approval is required for this Change Order No. 3 under CN-01-19 Summerlin Road Six-Laning, Lee County Contract #2035 for additional services in the not-to-exceed amount of \$332,248.14 with TY Lin International. These services include street lighting and sidewalk design as follows:

- Sidewalk on the west/north side of Summerlin from San Carlos to Gladiolus.
- Sidewalk on the east side of Winkler from Summerlin to Gladiolus.
- Sidewalk on the south side of Gladiolus from Winkler to the east end of project.
- Street lighting for entire length of project on Summerlin, Winkler & Gladiolus.

The design fee negotiated for these services is competitive with other similar projects we have negotiated recently and in line with industry standards.

Funds will available from account string: 20406730700506510.

9. RECOMMENDED APPROVAL:

A Department Director	B Purchasing or Contracts	C Human Resources	D Other	E County Attorney	F Budget Services, <i>6/11/03</i>				G County Manager
					OA	OM	Risk	GC	
<i>6/4/03</i> <i>[Signature]</i>	<i>[Signature]</i> <i>6/6/03</i>	<i>N/A</i>	<i>SAD</i> <i>6/6/03</i>	<i>[Signature]</i> <i>Teasee</i>	<i>P.M</i> <i>6/9/03</i>	<i>[Signature]</i> <i>6/11/03</i>	<i>[Signature]</i> <i>6/9/03</i>	<i>[Signature]</i> <i>6/9/03</i>	<i>[Signature]</i> <i>6.6.03</i>

10. COMMISSION ACTION:

- APPROVED
- DENIED
- DEFERRED
- OTHER

Rec. by CoAtty
Date: <i>6/6/03</i>
Time: <i>3:30 PM</i>
Forwarded to: <i>[Signature]</i>

RECEIVED BY COUNTY ADMIN. <i>[Signature]</i>
<i>[Signature]</i>
COUNTY ADMIN. FORWARDED TO: <i>6/11/03</i>

TYLIN INTERNATIONAL

TRANSMITTAL SHEET

TO: MIKE RIGSBY

FROM: JEANETTE PINCOMB

COPY: DAVE GILBERT

DATE: APRIL 7, 2003

SUBJECT: SUMMERLIN ROAD
Supplement No. Three

JOB NUMBER: 1553.00

Urgent Received As You Requested For Your Information Please Reply

ITEM/DESCRIPTION	COPIES	DATED
Supplement No. Three spreadsheets and back-up	1	4/7/03

Personal Delivery
Overnight Express

Special Delivery
UPS

Messenger
Separate Cover

VIA:

U.S. Mail
Fax

U.S. Express Mail
Email

Start Blue sheet E-mail to Don D.

Need a 2nd Blue Sheet

Need original

LEE COUNTY PROFESSIONAL SERVICE/SERVICE PROVIDER AGREEMENT
CHANGE ORDER/SUPPLEMENTAL TASK AUTHORIZATION

Change Order
 Supplemental Task Authorization

NO.: THREE

(A Change Order or Supplemental Task Authorization Requires Approval by the Department Director for Expenditures Under \$25,000 or Approval by the County Manager for Expenditures Between \$25,000 and \$50,000 or Approval by the Board of County Commissioners for Expenditures over \$50,000)

CONTRACT/PROJECT NAME: SUMMERLIN ROAD SIX-LANING FROM San Carlos Boulevard to Gladiolus

CONSULTANT: T.Y. Lin International

PROJECT NO.: 4067

SOLICIT NO.: CN-1-19

CONTRACT NO.: 2035 ACCOUNT NO.: _____

REQUESTED BY: Mike Rigsby

DATE OF REQUEST: April 2003

Upon the completion and execution of this Change Order or Supplemental Task Authorization by both parties the Consultant/Provider is authorized to and shall proceed with the following:

EXHIBIT "CO/STA-A: SCOPE OF PROFESSIONAL SERVICE: DATED: April 7, 2003

EXHIBIT "CO/STA-B: COMPENSATION & METHOD OF PAYMENT: DATED: April 7, 2003

EXHIBIT "CO/STA-C: TIME AND SCHEDULE OF PERFORMANCE: DATED: April 7, 2003

EXHIBIT "CO/STA-D: CONSULTANT'S/PROVIDERS ASSOCIATED
SUB-CONSULTANT(S)/SUB-CONTRACTORS: DATED: April 7, 2003

EXHIBIT "CO/STA-E: PROJECT GUIDELINES AND CRITERIA: DATED: April 7, 2003

It is understood and agreed that the acceptance of this modification by the CONSULTANT/PROVIDER constitutes an accord and satisfaction.

RECOMMENDED:

By: _____
Department Director Date

By: [Signature] 5/6/03
Contracts Mgmt Date

APPROVED:

By: _____
*County Attorney's Office Date

*County Attorney signature needed for **over** Board level expenditures only

ACCEPTED:

By: [Signature]
Consultant/Provider

Date Accepted: 4/15/2003

Corporate Seal



COUNTY APPROVAL:

By: _____
Department Director
(Under \$25,000)
Date Approved: _____

By: _____
County Manager (Between
(\$25,000 and under \$50,000)
Date Approved: _____

By: _____
Chairman
Board of County Commissioners
Date Approved: _____

CHANGE ORDER AGREEMENT No. _____

or

SUPPLEMENTAL TASK AUTHORIZATION No. Three

EXHIBIT "CO/STA-A"

Date: April 7, 2003

SCOPE OF PROFESSIONAL SERVICES

for North/Westside Sidewalk along Summerlin Road and Summerlin Rd., Winkler Rd., and Gladiolus Dr. Lighting

SECTION 1.00 CHANGE(S) TO PROFESSIONAL SERVICES

The "Scope of Professional Services" as set forth in Exhibit "A" of the Professional Services Agreement, or Service Provider Agreement, referred to hereinbefore is hereby supplemented, changed or authorized, so that the CONSULTANT or SERVICE PROVIDER, shall provide and perform the following professional services, tasks, or work as a supplement to, change to, or authorized to, the scope of services previously agreed to and authorized:

Task 22.00-North/Westside Sidewalk along Summerlin Road from sta. 1144+00 San Carlos Blvd. to sta. 1340+00 Gladiolus Dr.

This task expands the existing scope by adding a 8 foot path on the northside of summerlin road from sta. 1144+00 San Carlos Blvd. to sta. 1340+00 near Gladiolus Drive. Proposed cost includes all design engineering, topographic survey along with plans development.

Task 23.00-Summerlin Road Lighting

This task adds to the existing scope by adding roadway lighting for the Summerlin Road, Winkler Road and Gladiolus Drive. Proposed cost includes all design engineering, and plans development.

*Attach additional pages, if needed.

CMO:025
09/25/01

Page A 1 of A 1

CHANGE ORDER AGREEMENT No.
of
 SUPPLEMENTAL TASK AUTHORIZATION No. THREE

EXHIBIT "CO/STA-B"

Date: April 7, 2003

COMPENSATION AND METHOD OF PAYMENT

for North/Westside Sidewalk along Summerlin Road and Summerlin Rd., Winkler Rd., and Gladiolus Dr. Lighting

SECTION 1.00 CHANGE(S) IN COMPENSATION

The compensation the CONSULTANT, or SERVICE PROVIDER, shall be entitled to receive for providing and performing the supplemented, changed or authorized services, tasks, or work as set forth and enumerated in the Scope of Services set forth in this CHANGE ORDER OR SUPPLEMENTAL TASK AUTHORIZATION AGREEMENT, Exhibit "CO/STA-A", attached hereto shall be as follows:

NOTE: A Lump Sum (L.S.) or Not-to-Exceed (N.T.E.) amount of compensation to be paid the CONSULTANT should be established and set forth below for each task or sub-task described and authorized in Exhibit "S/COA-A". In accordance with Professional Services Agreement Article 5.03(2) "Method of Payment", tasks to be paid on a Work-in-Progress payment basis should be identified (WIPP).

Task Number	Task Title	Amount of Compensation	Indicate Basis of Compensation LS or NTE	If Applicable Indicate (W.I.P.P.)
22.00	North/Westside Sidewalk along Summerlin Road from sta. 1144+00 San Carlos Blvd. to sta. 1340+00 Gladiolus Dr.	\$234,221.50	NTE	W.I.P.P.
23.00	Summerlin Rd., Winkler Rd., and Gladiolus Dr. Road Lighting	\$67,796.64	NTE	W.I.P.P.
20.00	Direct Expenses	\$30,230.00	LS	
TOTAL		\$332,248.14		

(Unless list is continued on next page)

CHANGE ORDER AGREEMENT No. _____
or
 SUPPLEMENTAL TASK AUTHORIZATION No. THREE

SECTION 2.00 SUMMARY OF CHANGE(S) IN COMPENSATION

Pursuant to and in consideration of the change(s) in the Scope of Professional Services set forth in the CHANGE ORDER or AGREEMENT, Exhibit "CO/STA-A", the compensation the COUNTY has previously agreed to pay to the CONSULTANT, or SERVICE PROVIDER, as set forth in Exhibit "B" of the Professional Services Agreement, or Service Provider Agreement, shall be changed to be as follows:

Section/Task Number	Section/Task Name	Compensation In the Basic Agreement	Adjustment(s) by Previous CO or STA Nos. _____	Adjustment(s) Due to this CO or STA	Summary of Changed Compensation
	Original Contract	\$1,899,999.97	0.00	0.00	\$1,899,999.97
STA#1	Four Laning Winkler Road	0.00	\$162,798.22	0.00	\$162,798.22
CO#1		0.00	0.00	0.00	0.00
STA#2	Expenses	0.00	\$4,064.25	0.00	\$4,064.25
STA#2	Gladiolus Drive Extension	0.00	\$196,029.55	0.00	\$196,029.55
STA#3	North/Westside Sidewalk	0.00	0.00	\$234,221.50	\$234,221.50
STA#3	Summerlin Road Lighting	0.00	0.00	\$67,796.64	\$67,796.64
STA#3	Expenses	0.00	\$0.00	\$30,230.00	\$30,230.00
TOTAL		\$1,899,999.97	\$362,892.02	\$332,248.14	\$2,595,140.13

CMO:026
09/25/01

CHANGE ORDER AGREEMENT No. _____

SUPPLEMENTAL TASK AUTHORIZATION No. THREE

EXHIBIT "CO/STA-C"

Date: April 7, 2003

TIME AND SCHEDULE OF PERFORMANCE

for North/Westside Sidewalk along Summerlin Road and Summerlin Rd., Winkler Rd., and Gladiolus Dr.
Lighting

SECTION 1.00 CHANGES FOR THIS CHANGE ORDER OR SUPPLEMENTAL TASK AUTHORIZATION AGREEMENT

The time and schedule of completion for the various phases or tasks required to provide and perform the services, tasks, or work set forth in this CHANGE ORDER or SUPPLEMENTAL TASK AUTHORIZATION AGREEMENT, Exhibit "CO/STA-A", entitled "Scope of Professional Services" attached hereto is as follows:

Phase and/or Task Reference as Enumerated in EXHIBIT AAg	Name or Title of Phase and/or Task	Number of Calendar Days For Completion of Each Phase and/or Task	Cumulative Number of Calendar Days For Completion from Date of Notice to Proceed For this CO or STA
22.00	North/Westside Sidewalk along Summerlin Road from sta. 1144+00 San Carlos Blvd. to sta. 1340+00 Gladiolus Dr.	145	145
23.00	Summerlin Rd., Winkler Rd., and Gladiolus Dr. Lighting	145	145
20.00	LS Direct Expenses	Not Applicable	Not Applicable
	NOTE: All work will be completed within the original contract time		

CMO:027
09/25/01

CHANGE ORDER AGREEMENT No. _____

SUPPLEMENTAL TASK AUTHORIZATION No. THREE

EXHIBIT "CO/STA-D"

Date: April 7, 2003

CONSULTANT'S, OR SERVICE PROVIDER'S, ASSOCIATED SUB-CONSULTANT(S) AND SUBCONTRACTOR(S)

for North/Westside Sidewalk along Summerlin Road and Summerlin Rd., Winkler Rd., and Gladiolus Dr. Lighting

CONSULTANT, or SERVICE PROVIDER, intends to engage the following sub-consultant(s) and/or sub-contractor(s) to assist the CONSULTANT, or SERVICE PROVIDER, in providing and performing the services, tasks, or work required under this CHANGE ORDER, or SUPPLEMENTAL TASK AUTHORIZATION AGREEMENT.

(If none, enter the word "none" in the space below.)

Service and/or Work to be Provided or Performed	Name and Address of Individual or Firm	Disadvantaged, Minority or Women Business Enterprise, (If Yes, Indicate Type)			Sub-Consultant Services are Exempted from Prime Consultant's Insurance Coverage	
		Yes	No	Type	Yes	No
Surveying	Deni & Associates, Inc. 6241 Arc Way Fort Myers, FL 33912	X		W/DBE	X	

CHANGE ORDER AGREEMENT No. _____

or

SUPPLEMENTAL TASK AUTHORIZATION No. THREE

EXHIBIT "CO/STA-E"

Date: April 7, 2003

PROJECT GUIDELINES AND CRITERIA

for North/Westside Sidewalk along Summerlin Road and Summerlin Rd., Winkler Rd.,
and Gladiolus Dr. Lighting

(Enter Project Name from Page 1 of the
Change Order or Supplemental Task Authorization Agreement)

As a supplement, or change, to the Project Guidelines and Criteria set forth in the Professional Services Agreement, or Service Provider Agreement, Exhibit "E", the COUNTY has established the following Guidelines, Criteria, Goals, Objectives, Constraints, Schedule, Budget, and/or Requirements which shall serve as a guide to the CONSULTANT, or SERVICE PROVIDER, in performing the professional services, tasks, or work to be provided pursuant to the professional services set forth hereinbefore in CHANGE ORDER or SUPPLEMENTAL TASK AUTHORIZATION AGREEMENT, Exhibit "CO/STA-A", attached hereto:

(If none, enter the word "None" in the space below.)

ITEM No. 1
NONE

T.Y. Lin International
Summerlin Road Six Laning
Summary Fee Sheet for Supplement Three
North/Westside Sidewalk

Activity	Project Manager (Hours)	Chief Engineer (Hours)	Senior Engineer (Hours)	Project Engineer (Hours)	Senior Tech (Hours)	Tech (Hours)	Total (Hours)	Activity Fee	Subconsultant	Total Activity Fee	Average Hourly Rate
1.00 PUBLIC INVOLVEMENT	0	168	0	72	40	0	280	\$ 31,598.24	\$ -	\$ 31,598.24	\$ 112.85
2.00 ENGINEERING AND LAND SURVEYS	0	0	0	0	0	0	0	\$ -	\$ 7,560.00	\$ 7,560.00	#DIV/0!
3.00 GEOTECHNICAL SERVICES	0	0	0	0	0	0	0	\$ -	\$ -	\$ -	#DIV/0!
4.00 ENVIRONMENTAL INVENTORY	0	0	0	156	0	0	156	\$ 11,433.24	\$ -	\$ 11,433.24	\$ 73.29
5.00 TRAFFIC DATA AND GEOMETRIC CONCEPTS	0	0	0	0	0	0	0	\$ -	\$ -	\$ -	#DIV/0!
6.00 ROADWAY, BRIDGE AND OVERPASS PLANS	50	468	254	384	244	218	1618	\$ 162,550.38	\$ -	\$ 162,550.38	\$ 100.46
7.00 UTILITY RELOCATION PLANS	0	4	0	54	0	0	58	\$ 4,510.94	\$ -	\$ 4,510.94	\$ 77.77
8.00 RIGHT-OF-WAY MAPS	0	0	0	0	0	0	0	\$ -	\$ -	\$ -	#DIV/0!
9.00 SIGNALIZATION AND STREET LIGHTING PLANS	0	0	0	0	0	0	0	\$ -	\$ -	\$ -	#DIV/0!
10.00 SIGNING AND PAVEMENT MARKING PLANS	10	0	30	20	40	0	100	\$ 9,652.70	\$ -	\$ 9,652.70	\$ 96.53
11.00 PERMITS	0	50	0	0	0	0	50	\$ 6,916.00	\$ -	\$ 6,916.00	\$ 138.32
12.00 FINAL BIDDING AND CONTRACT DOCUMENTS	0	0	0	0	0	0	0	\$ -	\$ -	\$ -	#DIV/0!
13.00 ADVISORY SERVICES DURING BIDDING	0	0	0	0	0	0	0	\$ -	\$ -	\$ -	#DIV/0!
14.00 POST-DESIGN SERVICES	0	0	0	0	0	0	0	\$ -	\$ -	\$ -	#DIV/0!
15.00 LANDSCAPE PLANS - COMPLETE	0	0	0	0	0	0	0	\$ -	\$ -	\$ -	#DIV/0!
16.00 WATERSHED STUDIES FOR SECONDARY SYSTEMS	0	0	0	0	0	0	0	\$ -	\$ -	\$ -	#DIV/0!
17.00 WINKLER ROAD WIDENING	0	0	0	0	0	0	0	\$ -	\$ -	\$ -	#DIV/0!
18.00 ADDITIONAL TRAFFIC STUDIES-GLADIOLUS	0	0	0	0	0	0	0	\$ -	\$ -	\$ -	#DIV/0!
19.00 COMPLETE LANDSCAPE ARCHITECTURAL SERVICES	0	0	0	0	0	0	0	\$ -	\$ -	\$ -	#DIV/0!
20.00 LS DIRECT EXPENSES	0	0	0	0	0	0	0	\$ -	\$ -	\$ -	#DIV/0!
21.00 GLADIOLUS DRIVE EXTENSION	0	0	0	0	0	0	0	\$ -	\$ -	\$ -	#DIV/0!
22.00 NORTH/WESTSIDE SIDEWALK	60	690	284	686	324	218	2262	\$ 226,661.50			\$ 100.20
23.00 SUMMERLIN ROAD LIGHTING	0	0	161	160	481	0	802	\$ 67,796.64			\$ 84.53
	60	690	445	846	805	218	3064	\$ 294,458.14	\$ 7,560.00	\$ 302,018.14	\$ 96.10
TOTAL HOURS	60	690	445	846	805	218	3064	\$ 294,458.14	\$ 7,560.00	\$ 302,018.14	\$ 96.10
Hourly Rate	\$ 166.48	\$ 138.32	\$ 117.95	\$ 73.29	\$ 77.09	\$ 60.00					

Subtotal \$ 302,018.14
Expenses \$ 30,230.00
Grand Total \$ 332,248.14

T.Y. Lin International
Summerlin Road Six Lining
Summary Fee Sheet Supplement Three
North/Westside Sidewalk

Activity	Project Manager	Chief Engineer	Senior Engineer	Project Engineer	Senior Tech	Tech	Total	Subconsultant	Total Activity Fee	Activity Fee	Average Hourly Rate
1.00 PUBLIC INVOLVEMENT	0	168	0	72	40	0	280	\$ 31,598.24	\$ 31,598.24	\$ 112.85	
1.01 Mailing List											
PH mailing											
PH mailing											
1.02 Public Informational Meeting	84	36	20	140	0	0	15,799.12	\$ 15,799.12	\$ 112.85		
a Exhibit Prep, attendance											
b Presentation Boards											
c Narrative											
1.03 Respond to Comments											
a Alignment revisions											
b Exhibit revisions											
c Work Booklet											
BOCC Meeting											
1.04 Public Hearing	84	36	20	140	0	0	15,799.12	\$ 15,799.12	\$ 112.85		
a Exhibit Prep, attendance											
b Presentation Boards											
c Narrative											
2.00 ENGINEERING AND LAND SURVEYS	0	0	0	0	0	0	0	\$ 7,560.00	\$ 7,560.00		
2.01 Roadway Survey											
2.02 Underground Utilities											
2.03 Jurisdictional Wetland Survey											
2.04 Planimetric											
3.00 GEOTECHNICAL SERVICES	0	0	0	0	0	0	0				
a Auger Borings											
b SPT Borings											
c Muck borings											
d Deep Test Borings											
e Lab Testing											
3.02 Reports											
4.00 ENVIRONMENTAL INVENTORY	0	0	0	156	0	0	156	\$ 11,433.24	\$ 11,433.24	\$ 73.29	
4.01 Hydrology											
a Diagram											
b Description											
4.02 Vegetation											
a Listing											
b Mapping											
4.03 Wildlife											
4.04 Soils											
4.05 Wetlands											
a Mapping											
b Wetlands	82			82				\$ 6,009.78	\$ 6,009.78	\$ 73.29	
4.06 Floodplains or Riverine Areas											
a Description											
b Mapping											
4.07 Land Use											
a Description											
b Historic / Parks / recreation											
4.08 Potential Adverse Impacts											
a Description											
b Potential Adverse Impacts											

T.Y. Lin International
Summerlin Road Six Lining
Summary Fee Sheet Supplement Three
North/Westside Sidewalk

	Project Manager	Chief Engineer	Senior Engineer	Project Engineer	Senior Tech	Tech	Total		Total	Average Hourly
4.09	Archaeology Mapping						0	\$		#DIV/0!
a	Description						0	\$		#DIV/0!
b	Report						0	\$		#DIV/0!
5.00	TRAFFIC DATA AND GEOMETRIC CONCEPTS						0	\$		#DIV/0!
5.01	Typical sections						0	\$		#DIV/0!
5.02	Traffic Data						0	\$		#DIV/0!
6.00	ROADWAY, BRIDGE AND OVERPASS PLANS						1618	\$	162,550.38	\$ 100.46
6.01	Grades and Geometrics (30%)	468	254	384	244	218	0	\$		#DIV/0!
a	Plan and Profile sheets						0	\$		#DIV/0!
b	existing cross sections						0	\$		#DIV/0!
c	Drainage Maps (existing)						0	\$		#DIV/0!
d	Proposed Typical Section(s)						0	\$		#DIV/0!
e	Proposed Preliminary Right-of-Way						0	\$		#DIV/0!
f	Proposed Preliminary Intersection geometry						0	\$		#DIV/0!
g	Proposed Preliminary Vertical alignment						80	\$	7,289.02	\$ 90.86
h	Proposed Preliminary Access Management						4	\$	471.80	\$ 117.95
i	Bridge Structures						0	\$		#DIV/0!
j	Overpass Structure						0	\$		#DIV/0!
6.02	Basic plans (60%)						0	\$		#DIV/0!
a	Design Cross Sections	80	158	158	194	158	788	\$	71,976.18	\$ 91.34
b	Storm Drainage System	244		66			310	\$	38,587.22	\$ 124.47
c	Drainage Structures and Outfalls	16					16	\$	2,213.12	\$ 138.32
d	Bridge Foundation Plans						214	\$	16,481.10	\$ 77.01
e	Bridge Substructure						0	\$		#DIV/0!
f	Bridge Superstructure						0	\$		#DIV/0!
g	Bridge approach Slabs						0	\$		#DIV/0!
h	Draft Contract Documents						0	\$		#DIV/0!
i	Draft MOT Plan	64					64	\$	8,852.48	\$ 138.32
j	Draft Construction Phasing Plan						0	\$		#DIV/0!
k	Reports and Calculations	32	46	12	20		110	\$	12,273.22	\$ 111.57
l	Draft Environmental Permits	32					32	\$	4,428.24	\$ 138.32
6.03	Detail Plans (80%)						0	\$		#DIV/0!
7.00	UTILITY RELOCATION PLANS						58	\$	4,510.94	\$ 77.77
7.01	Utility Notification	4	0	54	0	0	0	\$		#DIV/0!
7.02	Utility Coordination	4		54			58	\$	4,510.94	\$ 77.77
7.03	Final utility Relocation Plans						0	\$		#DIV/0!
8.00	RIGHT-OF-WAY MAPS						0	\$		#DIV/0!
8.01	Preliminary						0	\$		#DIV/0!
8.02	Final						0	\$		#DIV/0!
8.03	Legal descriptions and Surveys						0	\$		#DIV/0!
8.04	ROW Monumentation						0	\$		#DIV/0!
9.00	SIGNALIZATION AND STREET LIGHTING PLANS						0	\$		#DIV/0!
9.01	Basic Plans						0	\$		#DIV/0!
a	Plan Sheet						0	\$		#DIV/0!
b	Intersections						0	\$		#DIV/0!
c	Signal system						0	\$		#DIV/0!
9.02	Detail Plans (90%)						0	\$		#DIV/0!
10.00	SIGNING AND PAVEMENT MARKING PLANS						100	\$	9,652.70	\$ 96.53
	Basic Plans (60%)						0	\$		#DIV/0!
	Detail Plans (90%)						100	\$	9,652.70	\$ 96.53
11.00	PERMITS						50	\$	6,916.00	\$ 138.32
11.01	PERMITS						50	\$	6,916.00	\$ 138.32

T.Y. Lin International
Summerlin Road Six Laning
Summary Fee Sheet Supplement Three
North/Westside Sidewalk

	Project Manager	Chief Engineer	Senior Engineer	Project Engineer	Senior Tech	Tech	Total	Total	Average Hourly
11.01		50					50	\$ 6,916.00	\$ 138.32
11.02							0	\$ -	#DIV/0!
11.03							0	\$ -	#DIV/0!
12.00	0	0	0	0	0	0	0	\$ -	#DIV/0!
12.01							0	\$ -	#DIV/0!
12.02							0	\$ -	#DIV/0!
12.03							0	\$ -	#DIV/0!
12.04							0	\$ -	#DIV/0!
13.00	0	0	0	0	0	0	0	\$ -	#DIV/0!
13.01							0	\$ -	#DIV/0!
13.02							0	\$ -	#DIV/0!
13.03							0	\$ -	#DIV/0!
13.04							0	\$ -	#DIV/0!
13.05							0	\$ -	#DIV/0!
14.00	0	0	0	0	0	0	0	\$ -	#DIV/0!
14.01							0	\$ -	#DIV/0!
14.02							0	\$ -	#DIV/0!
14.03							0	\$ -	#DIV/0!
14.04							0	\$ -	#DIV/0!
14.05							0	\$ -	#DIV/0!
14.06							0	\$ -	#DIV/0!
14.07							0	\$ -	#DIV/0!
14.08							0	\$ -	#DIV/0!
14.09							0	\$ -	#DIV/0!
15.00	0	0	0	0	0	0	0	\$ -	#DIV/0!
16.00	0	0	0	0	0	0	0	\$ -	#DIV/0!
17.00	0	0	0	0	0	0	0	\$ -	#DIV/0!
18.00	0	0	0	0	0	0	0	\$ -	#DIV/0!
19.00	0	0	0	0	0	0	0	\$ -	#DIV/0!
20.00	0	0	0	0	0	0	0	\$ -	#DIV/0!
21.00	0	0	0	0	0	0	0	\$ -	#DIV/0!
22.00	60	690	284	866	324	218	2262	\$ 226,661.50	\$ 100.20
23.00	0	0	161	190	491	0	802	\$ 67,796.64	\$ 84.53
	60	690	445	846	805	218	3064	\$ 294,458.14	\$ 96.10
TOTAL HOURS	60	690	445	846	805	218	3064	\$ 294,458.14	\$ 96.10
Hourly Rate	\$ 156.48	\$ 138.32	\$ 117.95	\$ 73.29	\$ 77.09	\$ 60.00			

Subtotal Expenses \$ 302,018.14
Grand Total \$ 332,248.14

Date: April 7, 2003

NON-PERSONNEL REIMBURSEABLE EXPENSES AND COSTS
for North Westside Sidewalk along Summerlin Road and Summerlin Road Lighting

CONSULTANT : TY LIN INTERNATIONAL

ITEM	BASIS OF CHARGE	Units	Unit cost	Total Cost
Telephone (Long Distance)	Actual Cost	10000	\$ 0.07	\$ 700.00
Telegraph	Actual Cost			
Postage	Actual Cost	42	\$ 12.00	\$ 504.00
Shipping Material	Actual Cost	12	\$ 24.00	\$ 288.00
Commercial Air Travel	Actual Cost			
Vehicle Travel Allowance	\$0.29 / Mile	24000	\$ 0.29	\$ 6,960.00
Lodging (per person)	NTE \$85.00 per night	34	\$ 85.00	\$ 2,890.00
Meals (Breakfast)	NTE \$3.00	68	\$ 3.00	\$ 204.00
(Lunch)	NTE \$6.00	68	\$ 6.00	\$ 408.00
(Dinner)	NTE \$12.00	68	\$ 12.00	\$ 816.00
Reproduction (Photocopy) 8-1/2 x 11	\$0.15 / Page	20000	\$ 0.15	\$ 3,000.00
8-1/2 x 14	\$0.20 / Page	250	\$ 0.20	\$ 50.00
11 x 17	\$0.35 / Page	22000	\$ 0.35	\$ 7,700.00
Reproduction (Blue/White Prints)	\$0.20 / Sq. Ft.	550	\$ 0.20	\$ 110.00
Printing	Actual Cost	5500	\$ 1.20	\$ 6,600.00
Binding	Actual Cost			\$ -
Mylar Sheets	\$1.10 / Sq. Ft.			\$ -
Photographic Supplies and Services	Actual Cost			\$ -
TOTAL				\$ 30,230.00

Manhours for Summerlin Rd Lighting

(Utilized FDOT Middle Range of Staff Hours as a basis for tasks and manhours)

	Manhours
Lighting analysis: (1:40 scale, double panel)	
Total miles: 5.65 (includes Summerlin, Gladiolus and Winkler)	
Lighting Analysis Report:	80
Voltage Drop Calculations: 32 per circuit and load center	128
Reference/Master Design Files: use roadway reference files	
Temporary Lighting:	
Design Documentation:	16
Quantities: 2 hrs per plan sheet (33 sheets)	66
Cost Estimate:	10
Technical Special Provisions:	
Technical Meetings:	8
Technical Subtotal:	308
QA/QC:2.5% of technical subtotal	8
Supervision: 2.5% of technical subtotal	8
Coordination:2.5% of above tasks	8
Total Analysis	331
Lighting plans:	
Tabulation of Quantities:	18

General Notes:		10
Pole data, legend and criteria:	15 hrs first sheet and 10 hrs for each add. 50 poles	65
Service Point Details:	11 hrs per sheet (2 sheets)	22
Project Layout:	6 hrs per sheet (33 new sheets)	198
Plan Sheet:	3 hrs per sheet (33 sheets)	99
Special Details:	18 hrs per sheet	36
Temporary Lighting Data & Details:		
Traffic Control Plan Sheets:		
Technical Subtotal:		448
QA/QC: 2.5% of technical subtotal		11
Supervision: 2.5% of technical subtotal		11
Total Plans:		470
Total Analysis and Plans:		802

10/11/2017 10:00 AM

10/11/2017

10/11/2017

10/11/2017

SUMMARY PRELIMINARY ESTIMATE OF WORK EFFORT HIGHWAY & BRIDGE

WPI NO:	N/A	PROJECT NAME:	North/Westside sidewalk along Summerlin Road
STATE PROJECT NO:	CN-01-19	FROM:	Sta 1144+00 San Carlos Blvd.
FAP NO:	N/A	TO:	Sta 1340+00 Gladiolus Drive
TYPE PROJECT:	North/Westside Sidewalk	COUNTY:	LEE
CONSULTANT NAME:		PROJECT MGR:	DAVE GILBERT
PHONE NO:		FAX NO.:	(813) 972-9114

ACTIVITIES DESCRIPTION	SUB ACTIVITIES	MANHOURS		REMARKS	
		STAFF HOURS	CADD* HOURS	ESTIMATED BY: NAME:	PHONE PHONE(EXT. NO.)
A ROADWAY	1. DESIGN ANALYSIS	162	0	DAVE GILBERT	(813)972-9444
	2. DRAINAGE ANALYSIS	166	0	POL AFRICANO	(813)972-9444
	3. ROADWAYPLANS	788	0	DAVE GILBERT	(813)972-9444
	4. DRAINAGE PLANS	124	0	POL AFRICANO	(813)972-9444
	5. UTILITIES/RR	58	0	DAVE GILBERT	(813)972-9444
	6. ENVIR. SERVICES/PERMITS	150	0	POL AFRICANO	(813)972-9444
	7. ENVIR. CULTURAL ASSESS.	436	0	JAMES FINE	(813)972-9444
	8. TRAFFIC CONTROL	64	0	DAVE GILBERT	(813)972-9444
B	SIGNING & PAVEMENT MARKINGS	100	0	SUSAN VIOLA	(813)972-9444
A-B	HIGHWAY TOTAL	2048	0		
C	BRIDGE TOTAL	214	0	BOON CHONG	(813)972-9444
A-C	HIGHWAY AND BRIDGE TOTAL	2262	0		

* Machine Time
 ** Office Support/Field Supervision (PLS + TECH)
 File: A:\SHBTL.WK4

HIGHWAY TASK LIST

WPI NO.: N/A
 PROJECT NO.: CN-01-19
 TYPE PROJECT: North/Westside Sidewalk

PROJECT NAME: North/Westside sidewalk along Summerlin Roa
 LIMIT-FROM: Sta 1144+00 San Carlos Blvd.
 LIMIT-TO: Sta 1340+00 Gladilolus Drive
 COUNTY: LEE

CONSULTANT NAME: T.Y. LIN INTERNATIONAL
 CONSULTANT PHONE NO.: (813)972-9444

PROJECT MGR.: DAVE GILBERT
 FAX NO.: (813) 972-9114

ACTIVITY: A. ROADWAY PLANS PACKAGE

SUBACTIVITY: 1 - DESIGN ANALYSIS

(1) TASK	(2) BASIS OF EST.	(3) NO. OF UNITS	(4) HOURS /UNIT	(5) NO. OF SHEETS	(6) TOTAL HOURS	(7) CADD HOURS	(8) REMARKS
1. Typical Section Package	LS	1	0		0		Includes Justification Report
2. Geometrics	LS	1	80		80		Back of sidewalk & all other required geometric considerations.
3. Access Management	LS	1	4		4		Includes driveway access needs, identification & des
4. Traffic Analysis	LS	0	0		0		
5. Pavement Design Package	LS	0	0		0		
6. Value Engineering	LS	0	0		0		N/A
7. Contract File (Setup & Maintenance)	LS	1	8		8		Includes all official file reporting and DBE reporting
8. Computation Book & Quantities	LS	1	8		8		
9. Cost Estimates/Summary of Pay	LS	1	8		8		Set-up and maintenance.
10. Special Provisions	LS	0	0		0		Use FDOT std specifications if possible.
11. Other (Specify)	LS	0	0		0		
12. Other (Specify)	LS	0	0		0		
13. Other (Specify)	LS	0	0		0		
14. Other (Specify)	LS	0	0		0		
15. Other (Specify)	LS	0	0		0		
SUBTOTAL				0	108	0	
16. Quality Control	5-10%	2.5	108		3		
17. Supervision	5-10%	2.5	108		3		
18. Field Reviews	Each	2	16		32		Per Review. Assume 4 reviews/project.
19. Meetings	Each	1	16		16		Includes local government coordination.
SUBTOTAL				0	54	0	Assume 1/ mo., w/ 1/2 of meetings at DEPT.
TOTAL				0	162	0	

G.01 F

G.01 H

G.02 K

G.02 L

HTL A01

PREPARED BY David Hayward/Mitch Cannon

DATE 3/20/2003

PHONE NO (813)972-9444

TIME 10 14 AM

HIGHWAY TASK LIST

WPI NO.: N/A
 PROJECT NO.: CN-01-19
 TYPE PROJECT: North/Westside Sidewalk

PROJECT NAME: North/Westside sidewalk along Summerlin Road
 LIMIT-FROM: Sta 1144+00 San Carlos Blvd.
 LIMIT-TO: Sta 1340+00 Gladilolus Drive
 COUNTY: LEE

CONSULTANT NAME: T.Y. LIN INTERNATIONAL
 CONSULTANT PHONE NO.: (813)972-9444

PROJECT MGR.: DAVE GILBERT
 FAX NO.: (813) 972-9114

ACTIVITY: A. ROADWAY PLANS PACKAGE

SUBACTIVITY: 2 - DRAINAGE ANALYSIS

(1) TASK	(2) BASIS OF EST.	(3) NO. OF UNITS	(4) HOURS /UNIT	(5) NO. OF SHEETS	(6) TOTAL HOURS	(7) CADD HOURS	(8) REMARKS
1. Design of Cross Drains.	Each	5	4		20		Per Cross Drain.
2. Design of Roadway Ditches.	Mile	3	10		30		Includes Stormwater Retention/Detention
3. Design of Outfall Ditches	Each	2	6		12		
4. Interchange Drainage Design	Each	0	0		0		
5. Design of Storm Sewers	Mile	1	32		32		Rural Project - Storm Sewers in Superelevation and ditch drains.
6. Design of Stormwater Retention/Detention Facility	Mile	0	0		0		Per mile.
7. Design of Special Drainage System	LS	1	32		32		Includes erosion control.
8. Preparation of Bridge Hydraulics Report	Each	0	0		0		Not required per County
9. Drainage Design Report	LS	1	32		32		
10. Other (Specify)		1	0		0		
11. Other (Specify)		1	0		0		
12. Other (Specify)		1	0		0		
13. Other (Specify)		1	0		0		
14. Other (Specify)		1	0		0		
15. Other (Specify)		1	0		0		
SUBTOTAL				0	158	0	
16. Quality Control	5-10%	2.5	158		4		
17. Supervision	5-10%	2.5	158		4		
18. Field Reviews	Mile	0	0		0		
19. Progress Meetings	Each	0	0		0		
SUBTOTAL				0	8	0	
TOTAL				0	166	0	

602B

HTL A02

PREPARED BY: POL AFRICANO
 PHONE NO.: (813)972-9444

DATE: 3/20/2003
 TIME: 10:14 AM

HIGHWAY TASK LIST

WPI NO.: N/A
 PROJECT NO.: CN-01-19
 TYPE PROJECT: North/Westside Sidewalk

PROJECT NAME: North/Westside sidewalk along Summerlin Ro
 LIMIT-FROM: Sta 1144+00 San Carlos Blvd.
 LIMIT-TO: Sta 1340+00 Gladilolus Drive
 COUNTY: LEE

CONSULTANT NAME: T.Y. LIN INTERNATIONAL
 CONSULTANT PHONE NO.: (813)972-9444

PROJECT MGR.: DAVE GILBERT
 FAX NO.: (813) 972-9114

ACTIVITY: A. ROADWAY PLANS PACKAGE

SUBACTIVITY: 3 - ROADWAY PLANS

TASK	BASIS OF EST.	NO. OF UNITS	HOURS /UNIT	NO. OF SHEETS	TOTAL HOURS	CADD HOURS	REMARKS
1. Key Map	Sheet	1	8		8		
2. Typical Section & Notes	Sheet	1	12		12		
3. Summary of Quantities	Sheet	1	20		20		
4. Plan	Sheet	23	20		460		Double bank sheets
5. Intersection Details	Sheet	0	0		0		
6. Intersection Profiles	Sheet	0	0		0		N/A - Show return elevs on Intersection Detail
7. Back of Sidewalk Profiles	Sheet	0	0		0		N/A - show 25' elevs on Cross Sections
8. Special Profiles	Sheet	0	0		0		N/A
9. Miscellaneous Construction Det	Sheet	0	0		0		
10. Soil Data Sheet	Sheet	0	0		0		
11. Cross-Sections	Each	250	1		250		Need cross section in areas of Retaining Walls
12. Baseline Control/Curve Data	Sheet	0	0		0		N/A - Show data on Plan & Profiles
13. Other (Specify)		0	0		0		
14. Other (Specify)		0	0		0		
15. Other (Specify)		0	0		0		
SUBTOTAL				0	750	0	
16. Quality Control	5-10%	2.5	750		19		
17. Supervision	5-10%	2.5	750		19		
18. Field Reviews	Each				0		Included with Roadway Plans /DesignAnalysis
19. Progress Meetings	Each				0		Included with Roadway Plans /DesignAnalysis
SUBTOTAL				0	38	0	
TOTAL				0	788	0	<i>602 a</i>

HTLA03

PREPARED BY: David Hayward/Mitch Cannon
 PHONE NO.: (813)972-9444

DATE: 3/20/2003
 TIME: 10:14 AM

HIGHWAY TASK LIST

WPI NO.: N/A
 PROJECT NO.: CN-01-19
 TYPE PROJECT: North/Westside Sidewalk

PROJECT NAME: North/Westside sidewalk along Summerlin Ro
 LIMIT-FROM: Sta 1144+00 San Carlos Blvd.
 LIMIT-TO: Sta 1340+00 Gladilolus Drive
 COUNTY: LEE

CONSULTANT NAME: T.Y. LIN INTERNATIONAL
 CONSULTANT PHONE NO.: (813)972-9444

PROJECT MGR.: DAVE GILBERT
 FAX NO.: (813) 972-9114

ACTIVITY: A. ROADWAY PLANS PACKAGE

SUBACTIVITY: 5 - DRAINAGE PLANS

(1) TASK	(2) BASIS OF EST.	(3) NO. OF UNITS	(4) HOURS /UNIT	(5) NO. OF SHEETS	(6) TOTAL HOURS	(7) CADD HOURS	(8) REMARKS
1. Drainage Map	Sheet	1	16		16		
2. Drainage Structures	Each	10	3		30		
3. Summary of Drainage Structure	Sheet	1	32		32		Based on 48 structures/sheet.
4. Lateral Ditches & Outfalls (Plan)	Sheet	0	0		0		
5. Lateral Ditch Cross-Sections	Each	0	0		0		
6. Erosion Control Detail Sheet	Sheet	2	8		16		
7. Bridge Hydraulic Recommendation	Sheet	0	0		0		Not required per County
8. Stormwater Retention /Detention	Sheet	0	0		0		
9. Retention Area Cross-Sections	Each	0	0		0		
10. Control & Modified Structures	Sheet	1	24		24		
11. Other (Specify)		0	0		0		
12. Other (Specify)		0	0		0		
13. Other (Specify)		0	0		0		
14. Other (Specify)		0	0		0		
15. Other (Specify)		0	0		0		
SUBTOTAL				0	118	0	
16. Quality Control	5-10%	2.5	118		3		
17. Supervision	5-10%	2.5	118		3		
18. Field Reviews	Each				0		Included with Roadway Plans /Design Analysis
19. Progress Meetings	Each				0		Included with Roadway Plans /Design Analysis
SUBTOTAL				0	6	0	
TOTAL				0	124	0	<i>6.02 B</i>

HTL A05

PREPARED BY: POL AFRICANO
 PHONE NO.: (813)972-9444

DATE: 3/20/2003
 TIME: 10:14 AM

HIGHWAY TASK LIST

WPI NO.: N/A
 PROJECT NO.: CN-01-19
 TYPE PROJECT: North/Westside Sidewalk

PROJECT NAME: North/Westside sidewalk along Summerlin Road
 LIMIT-FROM: Sta 1144+00 San Carlos Blvd.
 LIMIT-TO: Sta 1340+00 Gladilolus Drive
 COUNTY: LEE

CONSULTANT NAME: T.Y. LIN INTERNATIONAL
 CONSULTANT PHONE NO.: (813)972-9444

PROJECT MGR.: DAVE GILBERT
 FAX NO.: (813) 972-9114

ACTIVITY: A. ROADWAY PLANS PACKAGE

SUBACTIVITY: 7 - UTILITIES/RAILROAD

(1) TASK	(2) BASIS OF EST.	(3) NO. OF UNITS	(4) HOURS /UNIT	(5) NO. OF SHEETS	(6) TOTAL HOURS	(7) CADD HOURS	(8) REMARKS
1. Initial Contact	Each	1	4		4		Two (2) sets of full size (24"x36") /Utility (For Pre-Design Meeting Notif. plus one (1) set for Department.
2. Prepare Utility Adjustment Sheets	Sheet	6	4		24		
3. Coordination with Utility Companies A. Utility Pre-Design Meeting							
(1) Provide 60% plans to Departm	Each	1	8		8		
(2) Pre-Design Meeting - Attend	Each	1	8		8		
(3) Pre-Design Meeting - Minutes	Each	1	2		2		
(4) Identify potential utility confli	Each	0	0		0		
B. Final Relocation Assembly:							
(1) Provide 90% plans to Departm	Each	0	0		0		
(2) Identify potential utility confli	Each	0	0		0		
4. Prepare Railroad Crossing Details	Each	0	0		0		N/A
5. Prepare Utility JPA Agreements	Each	1	4		4		JPA Coordination
6. Utility Meetings	Each	1	4		4		
7. Other (Specify)		0	0		0		
8. Other (Specify)		0	0		0		
SUBTOTAL				0	54	0	
8. Quality Control	5-10%	2.5	54		2		
9. Supervision	5-10%	2.5	54		2		
10. Field Reviews	Each				0		Included with Roadway Plans /DesignAnalysis.
11. Progress Meetings	Each				0		Included with Roadway Plans /DesignAnalysis.
SUBTOTAL				0	4	0	
TOTAL				0	58	0	7.02

HTL.A07

PREPARED BY: Pol Africano
 PHONE NO.: (813)972-9444

DATE: 3/20/2003
 TIME: 10:14 AM

HIGHWAY TASK LIST

WPI NO.: N/A
 PROJECT NO.: CN-01-19
 TYPE PROJECT: North/Westside Sidewalk

PROJECT NAME: North/Westside sidewalk along Summerlin Ro
 LIMIT-FROM: Sta 1144+00 San Carlos Blvd.
 LIMIT-TO: Sta 1340+00 Gladilolus Drive
 COUNTY: LEE

CONSULTANT NAME: T.Y. LIN INTERNATIONAL
 CONSULTANT PHONE NO.: (813)972-9444

PROJECT MGR.: DAVE GILBERT
 FAX NO.: (813) 972-9114

ACTIVITY: A. ROADWAY PLANS PACKAGE

SUBACTIVITY: 8 - ENVIRONMENT. SERVICES/PERMI

(1) TASK	(2) BASIS OF EST.	(3) NO. OF UNITS	(4) HOURS /UNIT	(5) NO. OF SHEETS	(6) TOTAL HOURS	(7) CADD HOURS	(8) REMARKS
1. Preliminary Field Review	LS	1	8		8		6.02b
2. Agency Coordination	LS	1	32		32		(1.0)
3. Establish Wetland Jurisdiction	LS	1	16		16		Includes delineation on drainage map. 6.02c
4. Agency field Review	Each	1	12		12		6.02b
5. Prepare Wetland Resource/Dred Fill Permit Application	LS	1	32		32		Includes calculations, documentation and folio 6.02c
6. Prepare Stormwater Managemen Surface Water Permit Applic. (MSSW)	LS	1	24		24		Includes calculations, documentation and folio 6.02k
7. Prepare Coast Guard Navigatio Permit Application	LS	0	0		0		
8. Prepare NPDES/EPA Permit Application	LS	0	0		0		
9. Prepare DNR/CCL Permit Appl	LS	0	0		0		
10. Prepare Local Permits	LS	1	8		8		Includes calculations, documentation and folio (1.0)
11. Mitigation Coordination & Me	LS	1	10		10		Coordinate with agencies for Mitigation Credits supplied by County (1.0)
12. Mitigation Design	LS	0	0		0		
13. Mitigation Plans (Includes all	Sheet	0	0		0		
14. Other (Specify)		0	0		0		
15. Other (Specify)		0	0		0		
SUBTOTAL				0	142	0	
16. Quality Control	5-10%	2.5	142		4		6.02k
17. Supervision	5-10%	2.5	142		4		6.02k
18. Field Reviews	Each				0		Included with Roadway Plans /DesignAnalysis
19. Progress Meetings	Each				0		Included with Roadway Plans /DesignAnalysis
SUBTOTAL				0	8	0	
TOTAL				0	150	0	

HTL.A08

PREPARED BY: Pol Africano
 PHONE NO.: (813)972-9444

DATE: 3/20/2003
 TIME: 10:14 AM

HIGHWAY TASK LIST

WPI NO.: N/A
 PROJECT NO.: CN-01-19
 TYPE PROJECT: North/Westside Sidewalk

PROJECT NAME: North/Westside sidewalk along Summerlin Ro
 LIMIT-FROM: Sta 1144+00 San Carlos Blvd.
 LIMIT-TO: Sta 1340+00 Gladilolus Drive
 COUNTY: LEE

CONSULTANT NAME: T.Y. LIN INTERNATIONAL
 CONSULTANT PHONE NO.: (813)972-9444

PROJECT MGR.: DAVE GILBERT
 FAX NO.: (813) 972-9114

ACTIVITY: A. ROADWAY PLANS PACKAGE

SUBACTIVITY: 9 - ENVIRONMENT. CULTURAL ASSE

(1) TASK	(2) BASIS OF EST.	(3) NO. OF UNITS	(4) HOURS /UNIT	(5) NO. OF SHEETS	(6) TOTAL HOURS	(7) CADD HOURS	(8) REMARKS
1. Archaeological & Historical Fea	Cost Plus	0	0		0		
2. Biological Assessment	Cost Plus	1	56		56		Permit write-up, data reviews and impact analysis for alternatives 4.03
3. Wetland Assessment		1	64		64		Delineations covered in Permits, data reviews and impact analysis for alternatives 4.05
4. Contamination Impact Analysis	Cost Plus	0	0		0		
5. Coordination meetings.	Each	0	0		0		
6. Public Information Workshop	Each	1	120		120		80 Hours- displays, 40 Hours attendance 1.02
7. Public Hearing	Each	1	120		120		80 Hours- displays, 40 Hours attendance 1.04
8. Other (Specify)		0	0		0		
9. Other (Specify)		0	0		0		
10. Other (Specify)		0	0		0		
11. Other (Specify)		0	0		0		
12. Other (Specify)		0	0		0		
13. Other (Specify)		0	0		0		
14. Other (Specify)		0	0		0		
15. Other (Specify)		0	0		0		
SUBTOTAL				0	360	0	
16. Quality Control	5-10%	5	360		18		4.03
17. Supervision	5-10%	5	360		18		4.05
18. Field Reviews	Each	1	40		40		Included with Roadway Plans /Design Analysis 1.02 + 1.04
19. Progress Meetings	Each				0		Included with Roadway Plans /Design Analysis
SUBTOTAL				0	76	0	
TOTAL				0	436	0	

HTL.A09

PREPARED BY: James Fine
 PHONE NO.: (813)972-9444

DATE: 3/20/2003
 TIME: 10:14 AM

HIGHWAY TASK LIST

WPI NO.: N/A
 PROJECT NO.: CN-01-19
 TYPE PROJECT: North/Westside Sidewalk
 CONSULTANT NAME: T.Y. LIN INTERNATIONAL
 CONSULTANT PHONE NO.: (813)972-9444

PROJECT NAME: North/Westside sidewalk along Summerlin Ro
 LIMIT-FROM: Sta 1144+00 San Carlos Blvd.
 LIMIT-TO: Sta 1340+00 Gladilolus Drive
 COUNTY: LEE
 PROJECT MGR.: DAVE GILBERT
 FAX NO.: (813) 972-9114

ACTIVITY: A. ROADWAY PLANS PACKAGE

SUBACTIVITY: 6 - TRAFFIC CONTROL PLANS

(1) TASK	(2) BASIS OF EST.	(3) NO. OF UNITS	(4) HOURS /UNIT	(5) NO. OF SHEETS	(6) TOTAL HOURS	(7) CADD HOURS	(8) REMARKS
1. Traffic Control Plan Design Ana	LS	1	60		60		Includes MOT concept report TCP @ intersections/ drives
2. Typical Sections	Sheet	0	0		0		
3. General Notes/Construction Sec	Sheet	0	0		0		
4. Typical Details	Sheet	0	0		0		
5. Tabulation of Quantities	Sheet	0	0		0		
6. Plan Sheets	Sheet	0	0		0		
7. Pavement Markings/Signing De	Sheet	0	0		0		
Temporary Signal(s)	Sheet	0	0		0		
9. Other (Specify)		0	0		0		
10. Other (Specify)		0	0		0		
11. Other (Specify)		0	0		0		
12. Other (Specify)		0	0		0		
13. Other (Specify)		0	0		0		
14. Other (Specify)		0	0		0		
15. Other (Specify)		0	0		0		
SUBTOTAL				0	60	0	
16. Quality Control	5-10%	2.5	60		2		
17. Supervision	5-10%	2.5	60		2		
18. Field Reviews	Each				0		Included with Roadway Plans /DesignAnalysis
19. Progress Meetings	Each				0		Included with Roadway Plans /DesignAnalysis
SUBTOTAL				0	4	0	
TOTAL				0	64	0	<i>6.02 i</i>

HTLA06

HIGHWAY TASK LIST

WPI NO.: N/A
 PROJECT NO.: CN-01-19
 TYPE PROJECT: North/Westside Sidewalk

PROJECT NAME: North/Westside sidewalk along Summerlin Ro
 LIMIT-FROM: Sta 1144+00 San Carlos Blvd.
 LIMIT-TO: Sta 1340+00 Gladilolus Drive
 COUNTY: LEE

CONSULTANT NAME: T.Y. LIN INTERNATIONAL
 CONSULTANT PHONE NO.: (813)972-9444

PROJECT MGR.: DAVE GILBERT
 FAX NO.: (813) 972-9114

ACTIVITY: B. SIGNING & PAVEMENT MARKINGS

SUBACTIVITY:

(1) TASK	(2) BASIS OF EST.	(3) NO. OF UNITS	(4) HOURS /UNIT	(5) NO. OF SHEETS	(6) TOTAL HOURS	(7) CADD HOURS	(8) REMARKS
1. Key Sheet	Sheet	0	0		0		
2. General Notes	Sheet	0	0		0		
3. Quantities	Sheet	1	8		8		
4. Plan Sheets	Sheet	8	10		80		Double panel 1:80 Scale
5. Guide Sign Worksheet	Each	0	0		0		
6. Cross-Sections & Layout	Each	0	0		0		
7. Reference Files	Each	0	0		0		
8. Sign Details	Sheet	0	0		0		
9. Metal/Concrete Pole Deta	Each	0	0		0		
10. Service Point Details	Each	0	0		0		
11. C.E.S./Summary of Pay Items	LS	1	2		2		
12. Special Provisions	LS	0	0		0		
13. Other (Specify)		0	0		0		
14. Other (Specify)		0	0		0		
15. Other (Specify)		0	0		0		
SUBTOTAL				0	90	0	
16. Quality Control	5-10%	2.5	90		3		
17. Supervision	5-10%	2.5	90		3		
18. Field Reviews	Each	1	4		4		
19. Progress Meetings	Each	0	0		0		
SUBTOTAL				0	10	0	
TOTAL				0	100	0	10.00

HTL.B01

PREPARED BY: SUSAN VIOLA
 PHONE NO.: (813)972-9444

DATE: 3/20/2003
 TIME: 10:14 AM

HIGHWAY TASK LIST

WPI NO.: N/A
 PROJECT NO.: CN-01-19
 TYPE PROJECT: North/Westside Sidewalk
 CONSULTANT NAME: T.Y. LIN INTERNATIONAL
 CONSULTANT PHONE NO.: (813)972-9444

PROJECT NAME: North/Westside sidewalk along Summerlin Ro
 LIMIT-FROM: Sta 1144+00 San Carlos Blvd.
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ACTIVITY: C. STRUCTURES

SUBACTIVITY:

(1) TASK	(2) BASIS OF EST.	(3) NO. OF UNITS	(4) HOURS /UNIT	(5) NO. OF SHEETS	(6) TOTAL HOURS	(7) CADD HOURS	(8) REMARKS
1. Engineering Analysis (bridge)	Each	1	80		80		Ped. Bridge design at Cow Slough
1. Plan (bridge)	Sheet	3	40		120		3 plan sheets
SUBTOTAL				0	200	0	
16. Quality Control	5-10%	2.5	200		5		
17. Supervision	5-10%	2.5	200		5		
18. Field Reviews	Each	1	4		4		
19. Progress Meetings	Each	0	0		0		
SUBTOTAL				0	14	0	
TOTAL				0	214	0	<i>6.027</i>

HTL.B01

DENI ASSOCIATES, INC
ESTIMATED WORK REQUIREMENTS FOR FIELD SURVEYS
SUPPLEMENT NO. 4

Fin. Project ID No.: N/A Road Sec. No.: N/A
 Description: Summerlin Road from San Carlos Blvd. to Gladiolus
 Length: 4.735 Miles = 25,000 Feet Lanes: 6 Div'd: Yes Urban: No

ACTIVITY	PARTY DAYS			OFFICE HOURS		TOTAL	COMMENTS
	3 MAN	4 MAN	5 MAN	P.L.S.	TECH.		
DESIGN SURVEY							
Geodetic Base Line Control		N/A					
Alignments		N/A					
Reference Points		N/A					
Aerial Target Placement		N/A					
Bench Levels		N/A					
Topography		6		6	30	36	Locate topography along Summerlin Rd., 20' outside of r/w left of baseline survey from sta. 1157+00 to 1180+00 and 1245+00 to 1295+00 and create a DTM.
Roadway Cross-Sections/Profiles		N/A					
Side Street Topography		N/A					
Underground Utilities		N/A					
Drainage		N/A					
Borings Location		N/A					
Outfall, Detention & Mitigation		N/A					
Jurisdictional Line		N/A					
Bridge Data		N/A					
Channel Survey		N/A					
Special Cross-Sections		N/A					
Section Ties		N/A					
Subdivision Ties		N/A					
Maintained Right-of -Way		N/A					
Building Ties		N/A					
Boundary Surveys		N/A					
Certified Corner Records		N/A					
Other (Survey Drawings)							
TOTALS		6		6	30	36	Estimate: Ben R. Homola 11/14/02

PARTY SIZE	DAILY RATE	EST. PARTY DAYS	EST. SURVEY COSTS
Three (3) man	X		=
Four (4) man	<u>\$920.00</u> X	<u>6</u>	= <u>\$5,520.00</u>
Five (5) man	X		=
SUBTOTAL - SURVEY COSTS			= \$5,520.00

OFFICE SUPPORT DESIGN SURVEY:

<u>6</u> Man-hours (Prof. Surveyor.)	@ <u>\$75.00</u> Per Hour =	<u>\$450.00</u>
<u>30</u> Man-hours (Technician)	@ <u>\$53.00</u> Per Hour =	<u>\$1,590.00</u>
SUBTOTAL		= \$2,040.00
Multiplied by Factor for Overhead, Fringe, etc.		X <u>N/A, Included</u>
SUBTOTAL - OFFICE SUPPORT DESIGN SURVEY		= \$2,040.00

EXCESSIVE TRAVEL	<u>N/A</u>
OVERNIGHT TRAVEL	<u>N/A</u>
EXPENSES	<u>N/A</u>