

**Lee County Board Of County Commissioners  
Agenda Item Summary**

Blue Sheet No. 20030844

**1. REQUESTED MOTION:**

**ACTION REQUESTED:** Approve Change Order No. 4 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 \$879,755.93.

**WHY ACTION IS NECESSARY:** Board approval required.

**WHAT ACTION ACCOMPLISHES:** Includes a four lane overpass over San Carlos Blvd with frontage roads. Costs include all design engineering, topographic survey, geotechnical along with plans development.

**2. DEPARTMENTAL CATEGORY:**

09. Transportation

COMMISSION DISTRICT #:

*C9C*

**3. MEETING DATE:**

*08-05-2003*

**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.

Change Order No. 3, was approved June 24, 2003, in the amount of \$332,248.14 for street lighting and sidewalk design.

Approval is required for this Change Order No. 4 under CN-01-19 Summerlin Road Six-Laning, Lee County Contract #2035 for a change in the design services in the not-to-exceed amount of \$879,755.93 with TY Lin International. These services include a four lane overpass over San Carlos Blvd with frontage roads. Costs include all design engineering, topographic survey, geotechnical along with plans development.

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 be available from account string: 20406730700.506510

**8. MANAGEMENT RECOMMENDATIONS:**

**9. RECOMMENDED APPROVAL:**

A Department Director	B Purchasing of Contracts	C Human Resources	D Other	E County Attorney	F Budget Services				G County Manager
					OA	OM	Risk	GC	
<i>7/24/03</i>	<i>[Signature]</i>	N/A	<i>SAO 7/21</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
					<i>7-22-03</i>	<i>7/23</i>	<i>7/23/03</i>	<i>7/24/03</i>	<i>7-21-03</i>

**10. COMMISSION ACTION:**

- APPROVED
- DENIED
- DEFERRED
- OTHER

**Rec. by CoAtty**  
Date: *7/22/03*  
Time: *1:00*  
Forwarded To: *[Signature]*  
*7/22/03 2:15PM*

**RECEIVED BY COUNTY ADMIN**  
*[Signature]*  
**COUNTY ADMIN FORWARDED TO**  
*[Signature]*

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

Change Order  
 Supplemental Task Authorization

NO.: FOUR

(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-4-19

CONTRACT NO.: 2035 ACCOUNT NO.: 2406730700-506510

REQUESTED BY: Mike Rigsby

DATE OF REQUEST: May 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: May 29, 2003
- EXHIBIT "CO/STA-B: COMPENSATION & METHOD OF PAYMENT: DATED: May 29, 2003
- EXHIBIT "CO/STA-C: TIME AND SCHEDULE OF PERFORMANCE: DATED: May 29, 2003
- EXHIBIT "CO/STA-D: CONSULTANT'S/PROVIDERS ASSOCIATED SUB-CONSULTANT(S)/SUB-CONTRACTORS: DATED: May 29, 2003
- EXHIBIT "CO/STA-E: PROJECT GUIDELINES AND CRITERIA: DATED: May 29, 2003

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

RECOMMENDED:

By: [Signature] 7/21/03  
Department Director Date

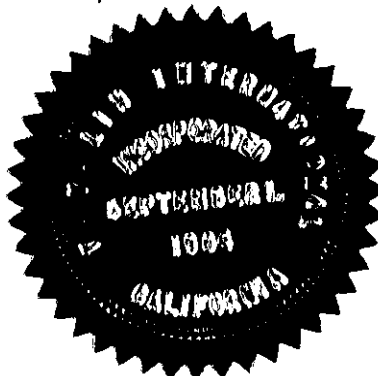
By: [Signature] 6/11/03  
Contracts Mgmt Date

ACCEPTED:

By: [Signature]  
Consultant/Provider

Date Accepted: 5-27-03

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: \_\_\_\_\_

APPROVED:

By: \_\_\_\_\_  
\*County Attorney's Office Date

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

- CHANGE ORDER AGREEMENT No. \_\_\_\_\_  
or  
 SUPPLEMENTAL TASK AUTHORIZATION No. Four

EXHIBIT "CO/STA-A"

Date: May 29, 2003

SCOPE OF PROFESSIONAL SERVICES

For: Summerlin Road and San Carlos Blvd. Interchange.

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 24.00**-Summerlin Road and San Carlos Interchange from sta. 1118+00 to sta. 1171+33.34.

This task expands the existing scope by including a four lane overpass over San Carlos Blvd. with frontage roads. This extends the project limits from the original contract of station 1131+24.10 to station 1118+00. Proposed cost includes all design engineering, topographic survey, geotechnical along with plans development.

\*Attach additional pages, if needed.

CMO:025  
09/25/01

Page A 1 of A 1

CHANGE ORDER AGREEMENT No.

or

SUPPLEMENTAL TASK AUTHORIZATION No. FOUR

EXHIBIT "CO/STA-B"

Date: May 29, 2003

COMPENSATION AND METHOD OF PAYMENT

For: Summerlin Road and San Carlos Blvd. Interchange.

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.)
24.00	Summerlin Road and San Carlos Blvd. Interchange.	\$841,154.17	NTE	W.I.P.P.
20.00	Direct Expenses	\$ 38,601.76	LS	
TOTAL		\$879,755.93		

(Unless list is continued on next page)

CHANGE ORDER AGREEMENT No. \_\_\_\_\_

or

SUPPLEMENTAL TASK AUTHORIZATION No. FOUR

**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	\$234,221.50	0.00	\$234,221.50
STA#3	Summerlin Road Lighting	0.00	\$67,796.64	0.00	\$67,796.64
STA#3	Expenses	0.00	\$30,230.00	0.00	\$30,230.00
STA#4	Summerlin Road and San Carlos Interchange	0.00	0.00	\$841,154.17	\$841,154.17
STA#4	Expenses	0.00	0.00	\$38,601.76	\$38,601.76
TOTAL		\$1,899,999.97	\$695,140.16	\$879,755.93	\$3,474,896.06

CMO:026  
09/25/01



CHANGE ORDER AGREEMENT No. \_\_\_\_\_

SUPPLEMENTAL TASK AUTHORIZATION No. FOUR

EXHIBIT "CO/STA-D"

Date: May 29, 2003

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

For: Summerlin Road and San Carlos Blvd. Interchange.

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. FOUR

EXHIBIT "CO/STA-E"

Date: May 29, 2003

PROJECT GUIDELINES AND CRITERIA

for Summerlin Road and San Carlos Blvd. Interchange.

(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 Four**  
**San Carlos Blvd.**

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	12	0	108	0	0	120	\$ 9,575.16	\$ -	\$ 9,575.16	\$ 79.79
2.00 ENGINEERING AND LAND SURVEYS	0	0	0	0	0	0	0	\$ -	\$ 27,698.00	\$ 27,698.00	#DIV/0!
3.00 GEOTECHNICAL SERVICES	0	0	0	0	0	0	0	\$ -	\$ 17,477.00	\$ 17,477.00	#DIV/0!
4.00 ENVIRONMENTAL INVENTORY	0	51	0	179	0	0	230	\$ 20,173.23	\$ -	\$ 20,173.23	\$ 87.71
5.00 TRAFFIC DATA AND GEOMETRIC CONCEPTS	0	0	0	0	0	0	0	\$ -	\$ -	\$ -	#DIV/0!
6.00 ROADWAY, BRIDGE AND OVERPASS PLANS	232	1100	1786	1588	880	672	6258	\$ 623,657.78	\$ -	\$ 623,657.78	\$ 99.66
7.00 UTILITY RELOCATION PLANS	4	10	26	131	45	8	224	\$ 18,625.86	\$ -	\$ 18,625.86	\$ 83.15
8.00 RIGHT-OF-WAY MAPS	0	0	0	0	0	0	0	\$ -	\$ 39,560.00	\$ 39,560.00	#DIV/0!
9.00 SIGNALIZATION AND STREET LIGHTING PLANS	5	0	37	86	39	50	217	\$ 17,456.00	\$ -	\$ 17,456.00	\$ 80.44
10.00 SIGNING AND PAVEMENT MARKING PLANS	24	47	118	141	94	48	472	\$ 44,635.01	\$ -	\$ 44,635.01	\$ 94.57
11.00 PERMITS	5	15	89	122	0	0	231	\$ 22,298.13	\$ -	\$ 22,298.13	\$ 96.52
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 SERVICE	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	0	0	0	0	0	0	0	\$ -	\$ -	\$ -	#DIV/0!
23.00 SUMMERLIN ROAD LIGHTING	0	0	0	0	0	0	0	\$ -	\$ -	\$ -	#DIV/0!
24.00 SAN CARLOS BLVD.	270	1235	2056	2355	1058	778	7752	\$ 756,419.17			\$ 97.58
<b>TOTALS</b>	<b>270</b>	<b>1235</b>	<b>2056</b>	<b>2355</b>	<b>1058</b>	<b>778</b>	<b>7752</b>	<b>\$ 756,419.17</b>	<b>\$ 84,735.00</b>	<b>\$ 841,154.17</b>	<b>\$ 97.58</b>
<b>TOTAL HOURS</b>	<b>270</b>	<b>1235</b>	<b>2056</b>	<b>2355</b>	<b>1058</b>	<b>778</b>	<b>7752</b>	<b>\$ 756,419.17</b>	<b>\$ 84,735.00</b>	<b>\$ 841,154.17</b>	<b>\$ 97.58</b>
<b>Hourly Rate</b>	<b>\$ 166.48</b>	<b>\$ 138.32</b>	<b>\$ 117.95</b>	<b>\$ 73.29</b>	<b>\$ 77.09</b>	<b>\$ 60.00</b>					

Subtotal           \$     841,154.17  
Expenses           \$     38,601.76  
**Grand Total   \$   879,755.93**

Date: May 29, 2003

**NON-PERSONNEL REIMBURSEABLE EXPENSES AND COSTS**  
**for Summerlin Road and San Carlos Blvd. Interchange**

CONSULTANT : TY LIN INTERNATIONAL

ITEM	BASIS OF CHARGE	Units	Unit cost	Total Cost
Telephone (Long Distance)	Actual Cost	12778	\$ 0.07	\$ 894.46
Telegraph	Actual Cost			
Postage	Actual Cost	54	\$ 12.00	\$ 648.00
Shipping Material	Actual Cost	15	\$ 24.00	\$ 360.00
Commercial Air Travel	Actual Cost			
Vehicle Travel Allowance	\$0.29 / Mile	30670	\$ 0.29	\$ 8,894.30
Lodging (per person)	NTE \$85.00 per night	44	\$ 85.00	\$ 3,740.00
Meals (Breakfast)	NTE \$3.00	87	\$ 3.00	\$ 261.00
(Lunch)	NTE \$6.00	87	\$ 6.00	\$ 522.00
(Dinner)	NTE \$12.00	87	\$ 12.00	\$ 1,044.00
Reproduction (Photocopy) 8-1/2 x 11	\$0.15 / Page	25560	\$ 0.15	\$ 3,834.00
8-1/2 x 14	\$0.20 / Page	320	\$ 0.20	\$ 64.00
11 x 17	\$0.35 / Page	28000	\$ 0.35	\$ 9,800.00
Reproduction (Blue/White Prints)	\$0.20 / Sq. Ft.	700	\$ 0.20	\$ 140.00
Printing	Actual Cost	7000	\$ 1.20	\$ 8,400.00
Binding	Actual Cost			\$ -
Mylar Sheets	\$1.10 / Sq. Ft.			\$ -
Photographic Supplies and Services	Actual Cost			\$ -
<b>TOTAL</b>				<b>\$ 38,601.76</b>



Ardaman & Associates, Inc.

Geotechnical Engineering  
Environmental

Ardaman Proposal No. 01-651A  
December 11, 2002

**TO:** T.Y. Lin International  
10500 University Center Drive, Suite 155  
Tampa, Florida 33612

Attention: Mr. David R. Hayward, P.E.

**SUBJECT:** Supplemental Proposal for Geotechnical Engineering Services  
Q-Jump at San Carlos Boulevard and Summerlin Road  
Summerlin Road Six-Laning from San Carlos Boulevard  
to Gladiolus Drive, Lee County, Florida  
CN-01-19

Gentlemen:

We understand that Lee County is considering a Q-jump for the San Carlos Boulevard and Summerlin Road intersection, where an overpass over San Carlos Boulevard will be built. We need subsurface information for foundation for the bridge (piles and drilled shafts), the approach embankments that we believe will rise about 25 to 30 feet, and for four overhead signs. We expect an MSE wall will be used.

Four Standard Penetration Test (SPT) borings are required to define subsurface conditions for the bridge and approaches. Two borings will be located near the intersection for bridge foundation design, and two will be located farther back for approach embankment information (settlement and stability). Two SPT borings will be performed at each of four overhead signs. We have prepared the attached summary of services to meet our goals. We estimate services will not exceed \$17,500.

Please call if you have any questions.

Very truly yours,  
**ARDAMAN & ASSOCIATES, INC.**

Gary A. Drew, P.E.  
Branch Manager  
GAD/egs

**SUMMARY OF SERVICES AND COSTS  
SUPPLEMENTAL PROPOSAL FOR GEOTECHNICAL ENGINEERING SERVICES  
SUMMERLIN ROAD SIX-LANING FROM SAN CARLOS BOULEVARD  
TO GLADIOLUS DRIVE - LEE COUNTY CN-01-19**

**San Carlos Boulevard/Summerlin Road Overpass (2 SPT borings  
to 125 ft., 2 SPT borings to 100 ft., 4 SPT borings to 25 feet)**

Mobilization	\$225.00
Permits	\$100.00
300 ft. from 0-25 ft. @\$11.50/ft.	\$3,450.00
100 ft. from 25-50 ft. @\$13.50/ft.	\$1,350.00
200 ft. from 50-100 ft. @\$15.50/ft.	\$3,100.00
50 ft. from 100-125 ft. @\$20.50/ft.	\$1,025.00
4 hrs. Technician/Inspector V for Utility Clearance @\$58.00/hr.	\$232.00
2 Undisturbed Soil (Shelby tube) samples @\$100.00/ea.	<u>\$200.00</u>
Subtotal:	\$9,882.00

**Laboratory Testing**

4 hrs. Technician/Inspector V for Soil Classification @\$58.00/hr.	\$232.00
12 Natural Moisture Content @\$10.00/ea.	\$120.00
6 Sieve Analysis @\$36.00/ea.	\$216.00
6 Percent Fines @\$25.00/ea.	\$150.00
2 Organic Content @\$28.00/ea.	\$56.00
2 Atterberg Limits @\$82.50/ea.	\$165.00
2 Consolidation Tests \$390.00/ea.	\$780.00
2 Unconsolidated Undrained Triaxial tests @\$175.00	\$350.00
2 Soil Corrosion Series @\$130.00/ea.	<u>\$260.00</u>
Subtotal:	\$2,329.00

**Reports**

4 hrs. Senior Project Engineer @\$110.00/hr.	\$440.00
40 hrs. Project Engineer @\$98.00/hr.	\$3,920.00
4 hrs. Technician/Inspector V @\$58.00/hr.	\$232.00
12 hrs. Technical Secretary @\$37.00/hr.	\$444.00
10 hrs. Senior Technical Draftsman @\$43.00/hr.	<u>\$430.00</u>
Total Reports:	\$5,466.00

**TOTAL ESTIMATED COST: \$17,477.00**

