

CITY OF COSTA MESA
PROJECT CHANGE ORDER

Attachment 1

DATE: March 6, 2007

CONTRACT CHANGE ORDER NUMBER: Number 1

PROJECT: Newport Boulevard Improvement Project - Design Phase

CITY ACCOUNT NUMBER: 500000-403-19300-30112-300052 CITY SPECIFICATION NUMBER: n.a.

To: TRC Solutions Contractor/Consultant Authorization is hereby given to make the described changes to the contract and/or perform the following described work not included in the contract.

This change order complies with Council Policy 700-1.

Description of work to be performed, estimate of quantities, and costs and credits:

Subject Change Order to TRC provides for preparation of design, specifications and estimates for pavement rehabilitation, landscaping, pot holing and other design work to the Newport Boulevard Improvement Project, per attached TRC C.O. No.1.

To be charged to Account No. 500000-403-19300-30112-300052

Initial Contract Amount:	\$ <u>789,434.00</u>	
Total Prior Change Orders:	\$ <u>0</u>	Prior C.O. % Over Initial Contract: <u>0</u> %
Subject Change Order Fee:	\$ <u>70,163.87</u>	This C.O. % Over Initial Contract: <u>9</u> %
Total Revised Contract Amount:	\$ <u>859,597.87</u>	Total C.O. % Over Initial Contract: <u>9</u> %

By reason of this order, the time of completion will be adjust as follows: 30 working days.

Project Manager: <u>David Sorge</u> <i>D. S.</i>	Date: <u>March 6, 2007</u>
Division Manager: <i>Peter</i>	Date: <u>3/7/07</u>
Director: <i>William J. Mann</i>	Date: <u>3/7/07</u>
City Manager: _____	Date: <u>n.a.</u>

Council Approval Required: Yes No Scheduled For Meeting Of: n.a.

We, the undersigned contractor/consultant, have given careful consideration to the change proposed and hereby agree to provide the above described services, furnished all materials, and perform all associated work, except as may otherwise be noted, and accept as full payment therefor the agreed prices shown.

Contractor: _____ Accepted, Date: _____

By: _____ Title: _____

ENVIRONMENTAL & DESIGN SERVICES FOR SR-55/NEWPORT BOULEVARD IMPROVEMENTS PROJECT

SCOPE OF SERVICES CHANGE ORDER No. 1

This change order has been prepared to address changes in the scope for the Design Services contract for the SR-55/Newport Boulevard Improvements project. Changes to the original contract scope of services are described below:

Task 1 – Revise Pavement Section (Cold Plane/AC Overlay and Slurry Seal)

The plans will be revised to show Cold Plane and AC Overlay as follows:

- Northbound existing lane No. 3 & parking lane/shoulder: Station 23+54 to 26+07
Cold Plane 90 mm and AC Overlay 90 mm of DCAC
- Northbound existing lane No. 3 & parking/shoulder: Station 26+07 to 33+83
Cold Plane 30 mm and AC Overlay 30 mm DGAC
- Southbound existing lane No. 3: Station 23+05 to 33+63
Cold Plane 90mm and AC Overlay 90 mm DGAC

The cold plan and AC overlay work will not extend into the intersections. The existing pavement adjacent to the existing lane No. 3 and the intersections will be slurry sealed. The pavement widening areas and the full depth R&R of the southbound concrete bus lane from approximately station 27+90 to 28+20 will remain as currently shown on the plans. No additional changes to the pavement work are included in this change order.

We are anticipating the need to prepare supplemental Fact Sheets to accommodate the revised pavement recommendations.

Task 2 – Add Additional Planter Locations

The plans will be revised to show thirteen planters located on the east side of SR-55/Newport Boulevard as proposed by the City. This change order reflects the time required for field investigation of the locations, for coordination of utility and lighting conflicts, and for incorporating the additional planter locations into the plans, including revisions to the landscape and irrigation plans.

No planters are proposed on the west side of SR-55/Newport Boulevard or on the east side north of Flower Street.

Task 3 – Add Sidewalk & Curb Reconstruction

The plans will be revised to show the addition of 9.1 meters (30') of new sidewalk along southbound SR-55/Newport Boulevard south of south/west curb return at West 18th Street/Newport Boulevard.

The reconstruction of existing curb & gutter along northbound SR-55/Newport Boulevard from Station 27+80 to 28+30, as requested by Caltrans, will be shown as part of the City's Newport Blvd. Decorative Sidewalk Plans, specs, and estimates and no reference to this work or staging of this work will be shown on TRC's plans.

Task 4 – Add Cross Gutters & Spandrels

The plans will be revised to show the addition of cross gutter and spandrel construction at the intersections of Cabrillo, Broadway and Flower. TRC and the City agreed to 15 hours per location for the design.

Task 5 – Additional Changes to the PS&E

- The Project A/B cost estimate location will remain at Station 28+60.
- Revise existing parking space layout adjacent to the northbound lanes. The parking space layout will be revised to use only the City's "Standard" parking stall length. TRC and the City agreed to 20 hours for this change.
- A resubmittal of the 95% PS&E is not included as part of this scope of work.
- The Street Light Location, sheet E-7, will be pulled from TRC's plans. The City will prepare, sign, and stamp Street Light Plans, specifications, and estimates for inclusion in the overall plans.

Task 6 – Additional Utility Investigation

Additional effort was incurred for the existing utility investigation and proposed signal pole clearing holes due to the need for unanticipated potholes and water-jet potholing services needed on the project. It was discussed by TRC and the City that a change order for this work would be submitted when TRC reached the end of our design budget.

This change order covers the work already performed by Saf-R-Dig for the utility investigation task.

Date: 02/23/07



Labor Breakdown
CHANGE ORDER No.1

State Route 55/Newport Boulevard Widening Project
From 17th Street to 19th Street in Costa Mesa

	L. Sequeira PM \$65.35	K. Chapman Sr. Civil \$58.00	J. Su Proj. Engr. \$53.00	D. Lew Proj. Engr. \$47.00	J. Honeywell CAD \$26.00	Totals
1 Revise Pavement Section (Cold Plane/AC Overlay and Slurry Seal)						
Typical sections (revise 4 sheets)			1	2	6	9
Layouts (revise section callouts & revise dimensioning)			2		3	5
Const. Details (Re-design medians, widening locations, and curb returns) (Update elevations on sheets) (Revise cold plane & AC Overlay details)			16	60	40	116
Drainage (review and adjust inlet elevations)			1	5	4	10
Stage Construction (Add notes & callouts for slurry seal; assume that the AC Overlay will be handled by notes as last order of work; one lane closed at a time, at night)						
Update quantities & estimate			2	8	4	6
Update specifications			2		4	14
Prepare revised Profile Exhibits for the City			3			3
Supplemental Fact Sheets (Track hours & notify City when budget is reached)			4		8	12
		20	20			40
SUBTOTAL	\$0.00	\$1,160.00	\$2,703.00	\$3,525.00	\$1,794.00	\$9,182.00
2 Add Additional Planter Locations						
Field investigation		4	4			8
Design locations & add to layouts				8	8	16
SUBTOTAL	\$0.00	\$232.00	\$212.00	\$376.00	\$208.00	\$1,028.00
3 Add Sidewalk & Curb Construction						
Typical sections (add construction to typical)			2		4	6
Layouts (design locations and callout on plans)			2		2	4
SUBTOTAL	\$0.00	\$0.00	\$212.00	\$0.00	\$156.00	\$368.00



Labor Breakdown
CHANGE ORDER No.1

Date: 02/23/07

State Route 55/Newport Boulevard Widening Project
From 17th Street to 19th Street in Costa Mesa

	L. Sequeira PM \$65.35	K. Chapman Sr. Civil \$58.00	J. Su Proj. Engr. \$53.00	D. Lew Proj. Engr. \$47.00	J. Honeywell CAD \$26.00	Totals
4 Add Cross Gutters & Spandrels (3 Locations)						
Design cross gutters, spandrels, and portion of cross street pavement reconstruction			12	4	3	19
Stage Construction (Construction will be shown in staging plans -night work only; 1/2 street at a time using steel plates during the day; quick set concrete.)			12	4	2	18
Update quantities & estimate			4			4
Update specifications			4			4
SUBTOTAL	0 \$0:00	0 \$0:00	32 \$1,696:00	8 \$376:00	5 \$130:00	45 \$2,202:00
5 Additional Changes to PS&E						
Revise existing parking space layout along northbound lanes			4	8	8	20
SUBTOTAL	0 \$0:00	0 \$0:00	4 \$212:00	8 \$376:00	8 \$208:00	20 \$796:00
6 Additional Utility Investigation						
Additional coordination efforts (unanticipated potholing, gas line coordination, water jetting task)			16			16
SUBTOTAL	0 \$0:00	0 \$0:00	16 \$848:00	0 \$0:00	0 \$0:00	16 \$848:00
TOTAL	0 \$0.00	24 \$1,392.00	111 \$5,883.00	99 \$4,653.00	96 \$2,496.00	330 \$14,424.00



Extra Work Scope and Fee Proposal

Date: February 23, 2007
Project EA: State Route 55/Newport Blvd. Widening
From 17th to 19th Street in Costa Mesa, CA
Federal Project No. STPL-5312(038)

Services: Landscape Architectural Design
Extra Work - Design Services for New Planters

		Praegitzer Senior Landscape Architect \$52.00
Task #	Extra Work and 95% PS&E Plan Revisions and Final Engineering	
1.	Extra work (not billed on LDP invoice no. 6118 dated 4-26-06) for services provided on April 20, 21 & 24/06 to discuss new planters changes, conduct an on-site visit with the City and prepare exhibits reflecting site comments.	7.5
2.	Extra work (not previously billed) during period from 5-1-06 to 2-21-07 to address City comments and plans for new planters and to delete or modify previous planter designs. Includes project correspondence for approximately 70 e-mails, plan reviews, and the development of addition design fee estimates related to extra work.	22.5
3.	Modify existing plan sheet PL-1 to incorporate revised planting quantities.	2
4.	Modify existing plan sheets PP-1 and IP-1 to incorporate revised and new planting and irrigation changes identified in City transmittal dated 7-21-06. The items were not part of previously approved landscape concepts or PS&E plan reviews.	4
5.	Modify existing plan sheets PP-2 and IP-2 to incorporate revised planting and irrigation changes identified in planter exhibit dated 10-18-06.	8
6.	Modify existing plan sheets PP-3 and IP-3 to incorporate revised planting and irrigation changes identified in planter modifications exhibit dated 2-9-07.	8
7.	Modify existing plan sheets PP-4 and IP-4 to incorporate revised planting and irrigation changes identified in planter modifications exhibit dated 2-9-07.	8
8.	Modify existing plan sheet LD-1 to incorporate new or modified crossover requirements for plan modifications.	4
9.	Update and modify existing landscape and irrigation cost estimate and special provisions.	8
10.	Administration and correspondence.	16
Total Hours:		88
Raw Labor Cost:		\$4,576.00



LDP Design Group
 20101 SW Birch St., Ste.130-G
 Newport Beach, CA 92660
 P: 949-752-2050, F: 752-2050

Date: 2/23/2007

Extra Work Scope and Fee Proposal

Expense Breakdown

State Route 55/Newport Blvd. Widening
From 17th to 19th Street in Costa Mesa, CA

Federal Project No. STPL-5312(038)

Landscape Architectural Design
Extra Work - Design Services for New Planters

	Outside Printing and Repro	Mileage	Courier Services	Overnight Mail Services	Soil Samples	Totals
		\$0.340 mile	\$50.00 ea	\$25.00 ea	\$150.00 ea	
Task 1	Extra Work and 95% PS&E Plan Revisions and Final Engineering					
Task 1	Extra Work and 95% PS&E Plan Revisions and Final Engineering	\$60.00	80	0	0	0
Subtotal	Units		80.00	0.00	0.00	0.00
	Cost	\$60.00	\$27.20	\$0.00	\$0.00	\$0.00
						\$87.20



Date: 02/23/07

COST PROPOSAL
CHANGE ORDER No.1

State Route 55/Newport Boulevard Widening Project
From 17th Street to 19th Street in Costa Mesa

<u>Labor</u>	<u>Classification</u>	<u>Rate</u>	<u>Hours</u>	<u>TOTAL</u>
L. Sequeira	PM	\$65.35	0	\$0.00
K. Chapman	Sr. Civil	\$58.00	24	\$1,392.00
J. Su	Proj. Engr.	\$53.00	111	\$5,883.00
D. Lew	Proj. Engr.	\$47.00	99	\$4,653.00
J. Honeywell	CAD	\$26.00	96	\$2,496.00

Subtotal **330** **\$14,424.00**

Overhead @ 157.85% \$22,768.28

Labor total \$37,192.28

LDP Design Group (Additional Planter Locations) \$11,916.16

Saf-R-Dig (Additional potholing services)¹ \$17,336.20

Subconsultant total \$29,252.36

Fee (Direct Labor & Overhead) @ 10% \$3,719.23

TOTAL \$70,163.87

¹ Includes extra work performed by Saf-r-Dig for additional potholes and water jetting pothole services by Advanced Sewer Technologies.



LDP Design Group
 20101 SW Birch St., Ste.130-G
 Newport Beach, CA 92660
 P: 949-752-2050, F: 752-2050

Extra Work Scope and Fee Proposal

Date: February 23, 2007

Project EA: State Route 55/Newport Blvd. Widening
 From 17th to 19th Street in Costa Mesa, CA
 Federal Project No. STPL-5312(038)

Services: Landscape Architectural Design
 Extra Work - Design Services for New Planters

<u>Labor</u>	<u>Classification</u>	<u>Rate</u>	<u>Hours</u>	<u>TOTAL</u>
Praegitzer	Senior Land Architect	\$52.00	88	\$4,576.00
	Overhead @	135.00%		\$6,177.60

Labor total	\$10,753.60
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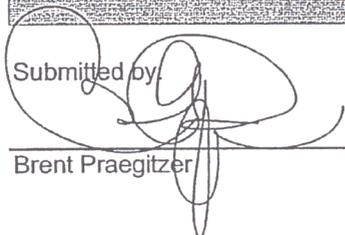
Expenses

Outside Printing and Repro	\$60.00
Mileage	\$27.20

Expense total	\$87.20
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Fee (Direct Labor & Overhead) @	10.00%	\$1,075.36
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TOTAL	\$11,916.16
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Submitted by: 

 Brent Praegitzer