

MEETING DATE: 11/17/08

**AGENDA ITEM: Acceptance of Construction Work Performed by Sialic Contractors
for the Realignment of Washington Boulevard in Downtown.**

ATTACHMENTS

Item		Pages
1	Realignment Construction Change Orders	1-10

FINAL AGREED COST OF PROJECT FOR CCRA

SHAWNAN

12240 Woodruff Ave

Downey, CA 90241

CULVER CITY WASHINGTON REALIGNMENT PROJECT

Projected Final Invoice

Credit for reduced
paving area

CONTRACT ADJUSTMENT

ITEM #	DESCRIPTION	CONTRACT QUANTITY	BID AMOUNT	UNIT PRICE	Quantities	Amount	Difference
6	Unclassified Excavation	1	630,000	\$630,000.00	0.98	\$617,400.00	-\$12,600.00
7	Crushed Aggregate Base	3,680	73,600	\$20.00	3071	\$61,420.00	-\$12,180.00
14	Co-Ordinate Relocation of Fire Hydrant	1	500	\$500.00	0	\$0.00	-\$500.00
22	PCC Street Pavement	44,000	220,000	\$5.00	39972	\$199,860.00	-\$20,140.00
							-\$45,420.00
A	Utility Changes						
	Relocation of Hydrant					6,331.50	
	Find SCE manholes in lot					2,601.05	
	Lowering of AT&T manhole and removal of Pole					4,296.40	
	Demo SCE vault in Ince					1,732.40	
	Sub Total						14,961.35
B	Scope Changes						
	Irrigation water service					9,056.00	
	Move Bus Shelters					2,250.00	
	Hotel Basement					38,006.16	
	Mods to signals at Washington/Ince	Items 21,22, 23, 24, 31				18,177.68	
	Lower signal head					1,749.71	
	Additional Lincoln Costs inclu pole at Washinton/Ince					5,800.00	
	Two additional loops					5,088.00	
	Deeper Loops					9,270.76	
	Additional Signage and Striping					9,195.50	
	Temporary rerouting of services located in Culver sidewalk					4,177.69	
	Sub Total						102,771.50
C	Credits						
	2 Pole frnds and erection cost					-2,500.00	
	Deletion of signs and meter removal					-2,000.00	
	Sub Total						-4,500.00
	ADJUSTMENT TOTAL						\$ 67,812.85
	BID PRICE						\$ 2,453,335.00
							\$ 2,521,147.85
	LESS AGREED DRAINAGE COST (Rush Pacifica)						\$ 250,000.00
	FINAL INVOICE VALUE						\$ 2,271,147.85
	Less 10% retention						\$ 227,114.79
	Paid into Escrow Account						\$ 2,044,033.07
	LESS AMOUNT PAID TO DATE						1,844,212.66
							\$ 199,820.41

(plus retention amount of \$22,202.27)

CULVER CITY WASHINGTON REALIGNMENT PROJECT

Credits

Bid Item	Description	Qty	Unit	Unit Cost	Amount
	Background				
	Two areas of work were omitted for the project that are not clearly identifiable in the bid items				
	Issue				
	It was decided in the field not to relocate two signal poles, resulting in the saving of not having to install the foundations. Some parking meter poles on Culver Blvd. were not removed and TANSAT signage not installed				
	Work				
	2 Pole foundation and erection cost				-2,500
	Deletion of signs and meter removal				-2,000
					-4,500

CULVER CITY WASHINGTON REALIGNMENT PROJECT

SUMMARY

Bid Item	Description	Qty	Unit	Unit Cost	Amount
Bid Savings					
6	Unclassified Excavation	(0.02)	LS	\$630,000.00	-\$12,600.00
7	Crushed Aggregate Base	(609)	cy	\$20.00	-\$12,180.00
14	Co-Ordinate Relocation of Fire Hydrant	(1)	LS	\$500.00	-\$500.00
22	PCC Street Pavement	(4,028)	sf	\$5.00	-\$20,140.00
					-\$45,420.00
Additional Costs					
	Culver Hotel Basement				38,006.16
	Relocate Bus Shelters				2,250.00
	Signal and Signage Changes Requested by Engineering				40,086.15
	Striping and Signage Changes Requested by Engineering				9,196.50
	Irrigation Water Service in Ince Blvd.				9,056.00
	Temporary relocation of water mains in Culver Blvd..				4,178
	Utility Changes				14,961
					117,733
Credits					
	Savings on signal poles and signage				-4500
	Deletion of signs and meter removal				-4500
Net additional cost to the project					67,813

CULVER CITY WASHINGTON REALIGNMENT PROJECT

CULVER HOTEL BASEMENT

Bid Item	Description	Qty	Unit	Unit Cost	Amount
	Background				
	The project called for the removal of the existing sidewalk on Culver Blvd. adjacent to the Culver Hotel, which had to be regraded and have the width adjusted to accommodate the changes to the street and drop off area.				
	The sidewalk was sawcut adjacent to the Culver Hotel wall to establish a clean cut so as not to interfere in any way with the hotel.				
	Issue				
	On completion of the saw cutting it was found that the sidewalk was in fact the roof to two basement areas that extended from the hotel under the sidewalk. The cutting of the concrete completely severed the reinforcing, which meant that the roof structure had to be removed and replaced with a new cast insitu reinforced concrete slab.				
	Work				
	The shelving and flooring in the basement was removed and formwork erected to contain the demolition, provide security and a degree of protection from the elements				
	Extensive selected demolition was required to create a workable ledge and sound concrete to attach the new structural elements to				
	Epoxy dowels were installed into the concrete structure at all reasonable contact locations and rebar was tied into place				
	Concrete was poured in place and the forms removed				
	Walls were repainted, shelving constructed and carpeting replaced	1	T&M	38,006.16	38,006.16
					38,006.16

CULVER CITY WASHINGTON REALIGNMENT PROJECT

RELOCATE BUS SHELTERS

Bid Item	Description	Qty	Unit	Unit Cost	Amount
	Background				
	The realignment of Washington resulted in the relocation of bus stops.				
	Issue				
	No provision was made in the contract to relocate the bus shelters, benches and trash recepticals.				
	Work				
	The contractor moved and relocated two bus shelters, benches and trash recepticals	2	LS	1,125.00	2,250.00

2,250.00

CULVER CITY WASHINGTON REALIGNMENT PROJECT

Signal and Signage Changes Requested by Engineering

Bid Item	Description	Qty	Unit	Unit Cost	Amount
	Background				
	Culver City Engineering Department reviewed the project after the installation of the improvements and requested changes to signals				
	Issue				
	The improvements in most cases refined the flow of traffic.				
	Work				
	Modifications to signals at Washington/Ince	1	LS	18,177.68	18,177.68
	Lower signal head at Washington/Culver	1	LS	1,749.71	1,749.71
	Additional signal work including installing a new pole and signal head at Washington/Ince	1	LS	5,800.00	5,800.00
	Addition of loops on westbound Culver at Culver/Washington	1	LS	5,088.00	5,088.00
	Installation of loops in the concrete surface at an increased depth	1	LS	9,270.76	9,270.76
					40,086

CULVER CITY WASHINGTON REALIGNMENT PROJECT

Striping and Signage Changes Requested by Engineering

Bid Item	Description	Qty	Unit	Unit Cost	Amount
	Background				
	Culver City Engineering Department reviewed the project after the installation of the improvements and requested changes to striping and signs and the installation of addition signs.				
	Issue				
	The improvements in most cases refined the safety and flow of traffic.				
	Work				
	Additional Signage and Striping	1	LS	9,195.50	9,195.50
					9,195.50

CULVER CITY WASHINGTON REALIGNMENT PROJECT

Irrigation Water Service in Ince Blvd.

Bid Item	Description	Qty	Unit	Unit Cost	Amount
	Background				
	The water service in Ince Blvd. required extensive changes to supply water for the landscaping on the new section of Washington Blvd.				
	Issue				
	The existing service was not in the location shown on the plans and was not the service that was anticipated. This meant that a new service had to be installed from the water main in the former Ince roadway to the sidewalk on Washington.				
	Work				
	New hot tap into the water service was required, a new point of connection with valve needed to be established in the sidewalk and a new back-flow preventor with protection cage installed. An additional water main was run from the POC to the control valves located on the prok chop island at Washington Ince and a new remote controller installed.	1	LS	9,056.00	9,056.00
					9,056.00

CULVER CITY WASHINGTON REALIGNMENT PROJECT

Temporary relocation of water mains in Culver Blvd..

Bid Item	Description	Qty	Unit	Unit Cost	Amount
	Background				
	The location of the water service in the sidewalk of Culver Blvd required modifications, some of which was temporary and some permanent.				
	Issue				
	It was discovered that the abandoned water service across parcel B from the former Culver/Washington intersection had not been disconnected as shown on the old as-built plans. This required additional work to have that capped off. The irrigation main that runs along the length of Culver Blvd. required temporary relocation while the improvements in the area were being undertaken. This line was not identified by Dig Alert				
	Work				
	Temporary relocation of irrigation water main and additional work to assist in capping off the "abandoned" water main..	1	LS	4,177.69	4,177.69
					4,177.69

CULVER CITY WASHINGTON REALIGNMENT PROJECT

Utility Changes

Bid Item	Description	Qty	Unit	Unit Cost	Amount
	Background				
	The work involved when dealing with utility companies for the relocation of their facilities is never known until a full design is undertaken by the utility company. This often reveals unforeseen conditions.				
	Issue				
	It was discovered that the abandoned electrical service, which contained lead cables had not been abandoned. This required the location of all the buried manholes and the demolition of a manhole in Ince. The AT&T manhole had to be lowered and the lid replaced with a traffic rated lid.				
	Work				
	Find SCE manholes in lot				2,601.05
	Demo SCE vault in Ince				1,732.40
	Lowering of AT&T manhole and removal of Pole				4,296.40
	Relocation of Hydrant				6,331.50
					14,961