

Council Meeting Agenda

August 1, 2012

CITY COUNCIL CHAMBERS

3:30 p.m. Closed Session; 4:30 p.m. Regular Session
201 N. Broadway, Escondido, CA 92025

| | |
|-----------------------------------|---|
| MAYOR | Sam Abed |
| DEPUTY MAYOR | Marie Waldron |
| COUNCIL MEMBERS | Olga Diaz Ed Gallo Michael Morasco |
| CITY MANAGER | Clay Phillips |
| CITY CLERK | Diane Halverson |
| CITY ATTORNEY | Jeffrey Epp |
| DIRECTOR OF COMMUNITY DEVELOPMENT | Barbara Redlitz |
| DIRECTOR OF ENGINEERING SERVICES | Ed Domingue |

ELECTRONIC MEDIA:

Electronic media which members of the public wish to be used during any public comment period should be submitted to the City Clerk's Office at least 24 hours prior to the Council meeting at which it is to be shown.

The electronic media will be subject to a virus scan and must be compatible with the City's existing system. The media must be labeled with the name of the speaker, the comment period during which the media is to be played and contact information for the person presenting the media.

The time necessary to present any electronic media is considered part of the maximum time limit provided to speakers. City staff will queue the electronic information when the public member is called upon to speak. Materials shown to the Council during the meeting are part of the public record and may be retained by the Clerk.

The City of Escondido is not responsible for the content of any material presented, and the presentation and content of electronic media shall be subject to the same responsibilities regarding decorum and presentation as are applicable to live presentations.



Council Meeting Agenda

**August 1, 2012
3:30 p.m. Meeting**

Escondido City Council

CALL TO ORDER

ROLL CALL: Diaz, Gallo, Morasco, Waldron, Abed

ORAL COMMUNICATIONS

The public may address the Council on any item that is not on the agenda and that is within the subject matter jurisdiction of the legislative body. State law prohibits the Council from discussing or taking action on such items, but the matter may be referred to the City Manager/staff or scheduled on a subsequent agenda. (Please refer to the back page of the agenda for instructions.) Speakers are limited to only one opportunity to address the Council under Oral Communications.

CLOSED SESSION: (COUNCIL/SUCCESSOR AGENCY/RRB)

- I. CONFERENCE WITH LABOR NEGOTIATOR (Government Code §54957.6)**
- a.** Agency negotiator: Sheryl Bennett, Clay Phillips
Employee organization: Escondido City Employee Association: Administrative/Clerical/
Engineering (ACE) Bargaining Unit
 - b.** Agency negotiator: Sheryl Bennett, Clay Phillips
Employee organization: Escondido City Employee Association: Supervisory (SUP)
Bargaining Unit
 - c.** Agency negotiator: Sheryl Bennett, Clay Phillips
Employee organization: Escondido Firefighters' Association
 - d.** Agency negotiator: Sheryl Bennett, Clay Phillips
Employee organization: Maintenance & Operations, Teamsters Local 911

ADJOURNMENT



Council Meeting Agenda

**August 1, 2012
4:30 p.m. Meeting**

Escondido City Council

CALL TO ORDER

MOMENT OF REFLECTION:

City Council agendas allow an opportunity for a moment of silence and reflection at the beginning of the evening meeting. The City does not participate in the selection of speakers for this portion of the agenda, and does not endorse or sanction any remarks made by individuals during this time. If you wish to be recognized during this portion of the agenda, please notify the City Clerk in advance.

FLAG SALUTE:

ROLL CALL: Diaz, Gallo, Morasco, Waldron, Abed

ORAL COMMUNICATIONS

The public may address the Council on any item that is not on the agenda and that is within the subject matter jurisdiction of the legislative body. State law prohibits the Council from discussing or taking action on such items, but the matter may be referred to the City Manager/staff or scheduled on a subsequent agenda. Speakers are limited to only one opportunity to address the Council under Oral Communications. (Please refer to the back page of the agenda for instructions.) *NOTE: Depending on the number of requests, comments may be reduced to less than 3 minutes per speaker and limited to a total of 15 minutes. Any remaining speakers will be heard during Oral Communications at the end of the meeting.*

CONSENT CALENDAR

Items on the Consent Calendar are not discussed individually and are approved in a single motion. However, Council members always have the option to have an item considered separately, either on their own request or at the request of staff or a member of the public.

1. **AFFIDAVITS OF PUBLICATION, MAILING AND POSTING (COUNCIL/CDC/RRB)**
2. **APPROVAL OF WARRANT REGISTER (Council/CDC)**
3. **APPROVAL OF MINUTES: Regular Meeting of June 27, 2012**
4. **TEMPORARY PARK AND RIDE AT KIT CARSON PARK BUDGET ADJUSTMENT** – Request Council approve a budget adjustment to receive and expend \$60,000 from SANDAG. The revenue is given in consideration of the temporary use of the Adult Softball Parking Lot as a temporary Park and Ride Facility.

Staff Recommendation: Approval (**Community Services: Jerry Van Leeuwen**)

5. **TARGET CORPORATION GRANT FOR 2012 NATIONAL NIGHT OUT AND BUDGET ADJUSTMENT** – Request Council approve a \$1,000 grant award from Target Corporation; authorize the Chief of Police and Police Department staff to submit grant documents on behalf of the City; and approve a budget adjustment needed to set up and spend grant funds for the 2012 National Night Out Against Crime.

Staff Recommendation: Approval (**Police Department: Cory Moles**)

6. **NOTICE OF COMPLETION FOR THE REED RESERVOIR REPLACEMENT PROJECT** – Request Council authorize the Utilities Director to file a Notice of Completion for the Reed Reservoir Replacement Project.

Staff Recommendation: Approval (**Utilities Department: Christopher McKinney**)

RESOLUTION NO. 2012-124

7. **CONSULTING AGREEMENT WITH BRIAN F. SMITH AND ASSOCIATES FOR ARCHAEOLOGICAL MITIGATION SERVICES FOR THE CITRACADO PARKWAY, ANDREASEN DRIVE TO WEST VALLEY PARKWAY, STREET IMPROVEMENT PROJECT** – Request Council approve a consulting agreement with Brian F. Smith and Associates in the amount of \$496,000 for Phase 1 of the cultural resources data recovery in conjunction with the improvements of the Citracado Parkway, Andreasen Drive to West Valley Parkway Street Improvement Project; and request Council authorize an additional \$475,000 for Phase 2 work should it become necessary.

Staff Recommendation: Approval (**Engineering Services: Ed Domingue**)

RESOLUTION NO. 2012-134

CONSENT CALENDAR CONTINUED

8. **CONSULTING AGREEMENT WITH AECOM - CITRACADO PARKWAY, ANDREASEN DRIVE TO WEST VALLEY PARKWAY, STREET IMPROVEMENT PROJECT** – Request Council approve a consulting agreement with AECOM in the amount of \$2,135,356 for the final design of the Citracado Parkway, Andreasen Drive to West Valley parkway, Street Improvement Project; and approve an additional \$68,445 for additional design services, should they be necessary.

Staff Recommendation: Approval (**Engineering Services: Ed Domingue**)

RESOLUTION NO. 2012-115

9. **EASEMENT DEED TO SAN DIEGO GAS & ELECTRIC COMPANY FOR INSTALLATION AND MAINTENANCE OF UNDERGROUND ELECTRIC FACILITIES AND APPURTENANCES ALONG BEETHOVEN DRIVE** – Request Council authorize the Real Property Manager and City Clerk to execute an Easement Deed to San Diego Gas & Electric Company for installation and maintenance of underground electric facilities and appurtenances.

Staff Recommendation: Approval (**Engineering Services: Ed Domingue**)

RESOLUTION NO. 2012-129

10. **RESOLUTION TO IMPLEMENT A DIFFERENT LEVEL OF BENEFITS FOR NEWLY HIRED UNREPRESENTED EMPLOYEES AND ELECTED OFFICIALS FOR CALPERS RETIREMENT** – Request Council approve implementing a Different Level of Benefits (Government Code Section 20475) – 2% @ 60, (Government Code Section 21353) and Three-Year Final Compensation (Government Code Section 20037) for newly hired Unclassified Clerical, Technical, Eligible Part-time, Management and Elected Officials.

Staff Recommendation: Approval (**Human Resources: Sheryl Bennett**)

RESOLUTION NO. 2012-139

CONSENT - RESOLUTIONS AND ORDINANCES (COUNCIL/SUCCESSOR AGENCY/RRB)

The following Resolutions and Ordinances were heard and acted upon by the City Council/CDC/RRB at a previous City Council/Community Development Commission/Mobilehome Rent Review meeting. (The title of Ordinances listed on the Consent Calendar are deemed to have been read and further reading waived.)

11. **COMMUNITY SERVICES COMMISSION ORDINANCE** – (APPROVED WITH A VOTE OF 5/0 on July 25, 2012)

ORDINANCE NO. 2012-15 (Second Reading and Adoption)

CURRENT BUSINESS

12. **UPDATE ON THE COUNTY OF SAN DIEGO'S BEAR VALLEY PARKWAY NORTH PROJECT AND A RESOLUTION CONSENTING TO THE ESTABLISHMENT OF PORTIONS OF BEAR VALLEY PARKWAY AS INCLUDED IN HIGHWAYS OF THE COUNTY OF SAN DIEGO** – Request Council approve the establishment of portions of Bear Valley Parkway as included in highways of the County of San Diego for the limited purposes of improvement, construction, repair and acquisition of right-of-way in connection with the Bear Valley Parkway Road Improvement Project.

Staff Recommendation: Approval (**Engineering Services: Ed Domingue**)

RESOLUTION NO. 2012-130

13. **LAKE WOHLFORD DAM REPLACEMENT DESIGN CONSULTING AGREEMENT AND BUDGET ADJUSTMENT** – Request Council authorize the Mayor and City Clerk to execute a Consulting Agreement with Black & Veatch Corporation for the Lake Wohlford Dam Replacement design in the amount of \$3,496,740; and approve a budget adjustment in the amount of \$3,000,000.

Staff Recommendation: Approval (**Utilities Department: Christopher McKinney**)

RESOLUTION NO. 2012-127

WORKSHOP

14. **2011-2012 CITY COUNCIL ACTION PLAN – SECOND UPDATE** – Request Council receive and file the second update of the 2011-2012 City Council Action Plan update and provide direction on potential adjustments to the document.

Staff Recommendation: Receive and File (**City Manager's Office: Joyce Masterson**)

FUTURE AGENDA

15. **FUTURE AGENDA ITEMS** - The purpose of this item is to identify issues presently known to staff or which members of the Council wish to place on an upcoming City Council agenda. Council comment on these future agenda items is limited by California Government Code Section 54954.2 to clarifying questions, brief announcements, or requests for factual information in connection with an item when it is discussed.

Staff Recommendation: None (**City Clerk's Office: Diane Halverson**)

ORAL COMMUNICATIONS

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COUNCIL MEMBERS' COMMITTEE REPORTS/COMMENTS/BRIEFING

ADJOURNMENT

| UPCOMING MEETING SCHEDULE | | | | |
|----------------------------------|------------|---------------|---------------------|------------------|
| Date | Day | Time | Meeting Type | Location |
| August 8 | Wednesday | 3:30 & 4:30pm | Council Meeting | Council Chambers |
| August 15 | Wednesday | 3:30 & 4:30pm | Council Meeting | Council Chambers |
| August 22 | Wednesday | 3:30 & 4:30pm | Council Meeting | Council Chambers |
| August 29 | - | - | No Meeting | - |

TO ADDRESS THE COUNCIL

The public may address the City Council on any agenda item. Please complete a Speaker's form and give it to the City Clerk. Comments are generally limited to 3 minutes.

If you wish to speak concerning an item *not* on the agenda, you may do so under "Oral Communications." Please complete a Speaker's form as noted above.

Handouts for the City Council should be given to the City Clerk. To address the Council, use the podium in the center of the Chambers, STATE YOUR NAME FOR THE RECORD and speak directly into the microphone.

AGENDA, STAFF REPORTS AND BACK-UP MATERIALS ARE AVAILABLE:

- Online at www.escondido.org/meeting-agendas.aspx
- In the City Clerk's Office at City Hall
- In the Library (239 S. Kalmia) during regular business hours and
- Placed in the Council Chambers (See: City Clerk/Minutes Clerk) immediately before and during the Council meeting.

AVAILABILITY OF SUPPLEMENTAL MATERIALS AFTER AGENDA POSTING: Any supplemental writings or documents provided to the City Council regarding any item on this agenda will be made available for public inspection in the City Clerk's Office located at 201 N. Broadway during normal business hours, or in the Council Chambers while the meeting is in session.

LIVE BROADCAST

Council meetings are broadcast live on Cox Cable Channel 19 and U-verse Channel 99 – Escondido Gov TV. They can also be viewed the following Sunday and Monday evenings at 6:00 p.m. on those same channels. The Council meetings are also available live via the Internet by accessing the City's website at www.escondido.org and clicking the "Live Streaming – City Council Meeting now in progress" button on the home page.

Please turn off all cellular phones and pagers while the meeting is in session.

The City Council is scheduled to meet the first four Wednesdays of the month at 3:30 in Closed Session and 4:30 in Open Session.

(Verify schedule with City Clerk's Office)

Members of the Council also sit as the Successor Agency to the CDC, Escondido Joint Powers Financing Authority and the Mobilehome Rent Review Board.

**CITY HALL HOURS OF OPERATION
Monday-Thursday 7:30 a.m. to 5:30 p.m.**



If you need special assistance to participate in this meeting, please contact our ADA Coordinator at 839-4641. Notification 48 hours prior to the meeting will enable the City to make reasonable arrangements to ensure accessibility.

Listening devices are available for the hearing impaired – please see the City Clerk.

CITY OF ESCONDIDO
June 27, 2012
3:30 p.m. Meeting Minutes

Escondido City Council
Mobilehome Rent Review Board

CALL TO ORDER

The Regular Meeting of the Escondido City Council and Mobilehome Rent Review Board was called to order at 3:30 p.m. on Wednesday, June 27, 2012 in the Council Chambers at City Hall with Mayor Abed presiding.

ATTENDANCE

The following members were present: Councilmember Olga Diaz, Councilmember Ed Gallo, Councilmember Michael Morasco, Deputy Mayor Marie Waldron, and Mayor Sam Abed. Quorum present.

ORAL COMMUNICATIONS

CLOSED SESSION: (COUNCIL/CDC/RRB)

MOTION: Moved by Councilmember Morasco and seconded by Councilmember Diaz to recess to Closed Session. Motion carried unanimously.

I. CONFERENCE WITH LABOR NEGOTIATOR (Government Code §54957.6)

- a. Agency negotiator: Sheryl Bennett, Clay Phillips
Employee organization: Police Officers' Association/Sworn
- b. Agency negotiator: Sheryl Bennett, Clay Phillips
Employee organization: Escondido City Employee Association: Administrative/Clerical/
Engineering (ACE) Bargaining Unit
- c. Agency negotiator: Sheryl Bennett, Clay Phillips
Employee organization: Escondido City Employee Association: Supervisory (SUP)
Bargaining Unit
- d. Agency negotiator: Sheryl Bennett, Clay Phillips
Employee organization: POA/Non-Sworn Police Bargaining Unit
- e. Agency negotiator: Sheryl Bennett, Clay Phillips
Employee organization: Teamsters Local 911/Maintenance and Operations
- f. Agency negotiator: Sheryl Bennett, Clay Phillips
Employee organization: Escondido's Firefighters' Association

II. CONFERENCE WITH REAL PROPERTY NEGOTIATOR (Government Code §54956.8)

- a. Property: 401 N. Spruce Street
- Agency Negotiators: Debra Lundy, Real Property Manager
- Negotiating parties: Interfaith Community Services
- Under negotiation: Price and Term of Lease Agreement

ADJOURNMENT

Mayor Abed adjourned the meeting at 4:27 p.m.

MAYOR

CITY CLERK

MINUTES CLERK

CITY OF ESCONDIDO
June 27, 2012
4:30 p.m. Meeting Minutes

Escondido City Council
Mobilehome Rent Review Board

CALL TO ORDER

The Regular Meeting of the Escondido City Council and Mobilehome Rent Review Board was called to order at 4:30 p.m. on Wednesday, June 27, 2012 in the Council Chambers at City Hall with Mayor Abed presiding.

MOMENT OF REFLECTION

FLAG SALUTE

Mayor Abed led the flag salute.

ATTENDANCE

The following members were present: Councilmember Olga Diaz, Councilmember Ed Gallo, Councilmember Michael Morasco, Deputy Mayor Marie Waldron, and Mayor Sam Abed. Quorum present.

Also present were: Clay Phillips, City Manager; Jennifer McCain, Assistant City Attorney; Barbara Redlitz, Community Development Director; Ed Domingue, Engineering Services Director; Diane Halverson, City Clerk; and Liane Uhl, Minutes Clerk.

PRESENTATIONS

Mayor Abed introduced Police Chief Jim Maher, who gave a presentation and paid tribute to the Family of Luis Romero.

PROCLAMATIONS

Mayor Abed introduced Jerry Van Leeuwen, Community Services Director, who accepted a Proclamation for July as Parks and Recreation Month.

ORAL COMMUNICATIONS

Wally Gutierrez, Escondido, voiced concern with the recreation catalog and the soccer program.

Bryan Ward, Escondido JC's, listed the achievements of the Escondido JC's.

Brian Murphy, Escondido Chamber of Commerce, introduced the new Chamber CEO, Katherine Zimmer.

CONSENT CALENDAR

Mayor Abed removed item 11 and Councilmember Diaz removed item 13 from the Consent Calendar for discussion.

MOTION: Moved by Councilmember Waldron and seconded by Councilmember Diaz that the following Consent Calendar items be approved with the exception of items 11 and 13. Motion carried unanimously.

1. **AFFIDAVITS OF PUBLICATION, MAILING AND POSTING (COUNCIL/CDC/RRB)**
2. **APPROVAL OF WARRANT REGISTER (Council/CDC)**
3. **APPROVAL OF MINUTES: Regular Meeting of May 23, 2012**

4. **COMMUNITY GRANT PROGRAM APPLICATION** – Request Council authorize the Director of Community Services or his designee to submit an application to the Best Buy Children's Foundation for a Community Grant Program grant to purchase an Apple I-pad Learning Lab for use in a pilot program for the summer Counselor-In-Training (C.I.T.) program; enter into agreements as appropriate; and authorize the Finance Director to set up the appropriate budgets for the purchase of equipment if the grant is awarded. (File No. 0480-70)

Staff Recommendation: Approval (**Community Services: Jerry Van Leeuwen**)

RESOLUTION NO. 2012-114

5. **THIRD AMENDMENT TO PUBLIC SERVICE AGREEMENT WITH REDWOOD SENIOR HOMES AND SERVICES FOR MEAL SERVICE** – Request Council authorize the Mayor and City Clerk to execute a Third Amendment to the Public Service Agreement with Redwood Senior Homes and Services (RSHS) Town Court, to provide meals for the Nutrition Program offered at the Joslyn Senior Center for an additional year (July 1, 2012 through June 30, 2013) in the amount of \$119,000. (File No. 0600-10 [A-2498])

Staff Recommendation: Approval (**Community Services: Jerry Van Leeuwen**)

RESOLUTION NO. 2012-120

6. **THIRD AMENDMENT TO PUBLIC SERVICE AGREEMENT WITH REDWOOD SENIOR HOMES AND SERVICES ELDERLINK FOR SENIOR TRANSPORTATION** – Request Council authorize the Mayor and City Clerk to execute a Third Amendment to the Public Service Agreement with Redwood Senior Homes and Services (RSHS) Elderlink to provide transportation services for the Senior Nutrition Program for an additional year (July 1, 2012 through June 30, 2013), not to exceed \$144,900. (File No. 0600-10 [A-2467])

Staff Recommendation: Approval (**Community Services: Jerry Van Leeuwen**)

RESOLUTION NO. 2012-119

7. **SANDAG ACTIVE TRANSPORTATION GRANT PROGRAM APPLICATION** – Request Council authorize the Director of Engineering Services or his designee to complete an application to SANDAG for Active Transportation Grant Program funds to install bike path improvements to the missing link in the Escondido Creekwalk bike path along Broadway, West Valley Parkway and Centre City Parkway to the Escondido Transit Center. (File No. 0480-70)

Staff Recommendation: Approval (**Engineering: Ed Domingue**)

RESOLUTION NO. 2012-116

8. **HIGHWAY SAFETY IMPROVEMENT PROGRAM APPLICATION** – Request Council authorize the Director of Engineering Services or his designee to complete an application to Caltrans for a federal Highway Safety Improvement Program (HSIP) grant to support the East Valley Parkway Widening Project – Beven Drive to Northern City Limits. (File No. 0480-70)

Staff Recommendation: Approval (**Engineering: Ed Domingue**)

RESOLUTION NO. 2012-117

9. **CONSULTANT AGREEMENT AMENDMENT #1 – BENTON BURN SITE** – Request Council authorize the Mayor and City Clerk to execute Amendment #1 to the Consultant Agreement with URS Corporation, Inc., in the amount of \$81,700 for additional environmental services for the remediation of Benton Burn Site. (File No. 0600-10 [A-3000])

Staff Recommendation: Approval (**Engineering: Ed Domingue**)

RESOLUTION NO. 2012-118

10. **BUDGET ADJUSTMENT FOR 2010 WINTER STORM REIMBURSEMENT FROM FEMA AND CALEMA FOR CHANNEL WALL REPAIRS AT SIMPSON WAY (INDIAN CREEK)** – Request Council accept federal and state emergency management aid for the damages created from the 2010 Winter Storms and approve the budget adjustment. (File No. 0430-80)

Staff Recommendation: Approval (**Engineering: Ed Domingue**)

11. **POLICE OFFICERS' ASSOCIATION SWORN BARGAINING UNIT CONTRACT** – Request Council adopt a successor Police Officers' Association Sworn Bargaining Unit Contract. (File No. 0740-30)

Staff Recommendation: Approval (**Human Resources: Sheryl Bennett**)

RESOLUTION NO. 2012-121

Mayor Abed thanked the Police Officers' Association and staff for working out compromises in negotiations.

MOTION: Moved by Councilmember Morasco and seconded by Councilmember Gallo to adopt a successor Police Officers' Association Sworn Bargaining Unit Contract and adopt Resolution No. 2012-121. Motion carried unanimously.

12. **AUTHORIZATION TO APPROVE AND EXECUTE FIRST AMENDMENTS TO PURCHASE ORDERS TO INCREASE THE CONTRACTUALLY AUTHORIZED AMOUNT FOR THE PURCHASE OF ADDITIONAL POLYMER AND FERRIC SULFATE** – Request Council approve First Amendments to Purchase orders with Kemira Water Solutions, Inc. and Polydyne, Inc. to increase the contractual authorization for chemical purchases through the end of the fiscal year 2012. (File No. 0470-25)

Staff Recommendation: Approval (**Utilities: Christopher McKinney**)

RESOLUTION NO. 2012-122

- 13. VISTA VERDE RESERVOIR REPLACEMENT** – Request Council authorize the Mayor and City Clerk to execute the Consulting Agreement with Black & Veatch Corporation in the amount of \$602,945 for engineering services to provide detailed design including the preparation of construction drawings and specifications for the Vista Verde Reservoir Replacement project. (File No. 0600-10 [A-3055])

Staff Recommendation: Approval (**Utilities: Christopher McKinney**)

RESOLUTION NO. 2012-107

Councilmember Diaz asked for clarification on the location of the tanks.

Chris McKinney, Utilities Director, explained the tanks would be placed at a lower elevation and paint and landscape would be used to camouflage them.

MOTION: Moved by Councilmember Morasco and seconded by Councilmember Waldron to authorize the Mayor and City Clerk to execute the Consulting Agreement with Black & Veatch Corporation in the amount of \$602,945 for engineering services to provide detailed design including the preparation of construction drawings and specifications for the Vista Verde Reservoir Replacement project and adopt Resolution No. 2012-107. Ayes: Abed, Gallo, Morasco and Waldron. Noes: Diaz. Absent: None. Motion carried.

- 14. FISCAL YEAR 2011-12 GENERAL FUND POLICE BUDGET ADJUSTMENT** – Request Council approve the FY 2011-12 adjustment to the General Fund Police Budget in the amount of \$71,718. (File No. 0430-80)

Staff Recommendation: Approval (**Police: Jim Maher**)

- 15. FISCAL YEAR 2012-13 DEPARTMENT OF ALCOHOLIC BEVERAGE CONTROL LOCAL LAW ENFORCEMENT GRANT AND BUDGET ADJUSTMENT** – Request Council authorize the Chief of Police to receive a \$65,000 grant award from the California Department of Alcoholic Beverage Control (ABC); execute contract documents related to the grant; and approve a budget adjustment to spend grant funds to enhance local efforts to reduce alcohol-related problems in the community. (File No. 0480-70)

Staff Recommendation: Approval (**Police: Jim Maher**)

RESOLUTION NO. 2012-108

- 16. FISCAL YEAR 2010 URBAN AREA SECURITY INITIATIVE (UASI) GRANT MODIFICATION AND BUDGET ADJUSTMENT** – Request Council authorize the Escondido Police Department to accept an additional \$4,166 in funding from the Department of Homeland Security (DHS) for the FY 2010 Urban Area Security Initiative (UASI) Grant; authorize the Chief of Police to submit grant documents on behalf of the City; and authorize staff to establish budgets to spend grant funds. (File No. 0480-70)

Staff Recommendation: Approval (**Police: Jim Maher**)

17. **MANAGEMENT AND CONCESSION CONTRACT FOR REIDY CREEK GOLF COURSE** – Request Council authorize the Mayor and the City Clerk to execute the Management Agreement and Concession Agreement with JC Resorts, LLC and its affiliate, JC Management, LLC. (File No. 0600-10 [A-2461])

Staff Recommendation: Approval (**Finance: Gilbert Rojas**)

RESOLUTION NO. 2012-123

18. **ANNUAL SUBMISSION OF THE CITY OF ESCONDIDO'S INVESTMENT POLICY** – Request Council approve the June 2012 Investment Policy. (File No. 0490-55)

Staff Recommendation: Approval (**City Treasurer's Office: Kenneth C. Hugins**)

RESOLUTION NO. 2012-93

CONSENT - RESOLUTIONS AND ORDINANCES (COUNCIL/CDC/RRB)

The following Resolutions and Ordinances were heard and acted upon by the City Council/CDC/RRB at a previous City Council/Community Development Commission/Mobilehome Rent Review meeting. (The title of Ordinances listed on the Consent Calendar are deemed to have been read and further reading waived.)

PUBLIC HEARINGS

19. **SHORT-FORM RENT INCREASE APPLICATION FOR CASA DE AMIGOS MOBILEHOME PARK** – Request Council consider the short-form rent increase application submitted by Casa de Amigos Mobilehome Park and if approved, grant an increase of 75% of the change in the Consumer Price Index, or 2.802% (an average of \$15.98), for the period of June 30, 2010 to December 31, 2011. (File No. 0697-20-9849)

Staff Recommendation: Approval (**Community Services/Housing: Jerry Van Leeuwen**)

RESOLUTION NO. RRB 2012-05

Karen Youel, Housing Department, gave the staff report and presented a series of slides.

Mayor Abed opened the public hearing and asked if anyone would like to speak on this issue in any way.

Heather Woolsey, Park Owner Representative, listed the amenities in the park and asked Council to grant the short form application.

Bill Ziegler, Resident Representative, stated the residents were protesting the amount of the requested rent increase.

Bobbie Cassidy, Escondido, indicated that many of the seniors lived on Social Security and urged Council to deny the rent increase.

Mayor Abed asked if anyone else wanted to speak on this issue in any way. No one asked to be heard. Therefore, he closed the public hearing.

MOTION: Moved by Councilmember Gallo and seconded by Councilmember Waldron to approve the short-form rent increase and adopt Resolution No. RRB 2012-05. Ayes: Abed, Gallo, Morasco and Waldron. Noes: Diaz. Absent: None. Motion carried.

- 20. SHORT-FORM RENT INCREASE APPLICATION FOR EASTWOOD MEADOWS** - Request Council consider the short-form rent increase application submitted by Eastwood Meadows Mobilehome Park and if approved, grant an increase of 75% of the change in the Consumer Price Index, or 2.989% (an average of \$12.90 per space), for the period of December 31, 2009 to December 31, 2011. (File No. 0690-20-9850)

Staff Recommendation: Approval (**Community Services/Housing: Jerry Van Leeuwen**)

RESOLUTION NO. RRB 2012-06

Karen Youel, Housing Department, gave the staff report and presented a series of slides.

Mayor Abed opened the public hearing and asked if anyone would like to speak on this issue in any way.

Chad Casenhiser, Park Owner Representative, indicated the park staff had frequently met with the residents to discuss and solve problems and asked Council to grant the rent increase.

Debora Rankin, Escondido, stated there were problems with some residents not following park rules.

Mayor Abed asked if anyone else wanted to speak on this issue in any way. No one asked to be heard. Therefore, he closed the public hearing.

MOTION: Moved by Councilmember Waldron and seconded by Councilmember Morasco to approve the short-form rent increase and adopt Resolution No. RRB 2012-06. Motion carried unanimously.

CURRENT BUSINESS

- 21. POTABLE REUSE PROGRAM MANAGER AND BUDGET ADJUSTMENT** – Request Council authorize the Mayor and City Clerk to execute an as-needed Consulting Agreement with Black & Veatch Corporation for Indirect Potable Reuse (IPR) Program Management Services; authorize the Director of Utilities to execute Task Order No. 1 for IPR Program Management in the amount of \$1,381,410; and approve a budget adjustment in the amount of \$1,143,469. (File No. 0600-10 [A-3056])

Staff Recommendation: Approval (**Utilities: Christopher McKinney**)

- a. **RESOLUTION NO. 2012-105**
- b. **RESOLUTION NO. 2012-106**

Chris McKinney, Utilities Director, gave the staff report and presented a series of slides.

MOTION: Moved by Councilmember Morasco and seconded by Councilmember Waldron to authorize the Mayor and City Clerk to execute an as-needed Consulting Agreement with Black & Veatch Corporation for Indirect Potable Reuse (IPR) Program Management Services; authorize the Director of Utilities to execute Task Order No. 1 for IPR Program Management in the amount of \$1,381,410; approve a budget adjustment in the amount of \$1,143,469 and adopt Resolution No. 2012-105 and Resolution No. 2012-106. Motion carried unanimously.

- 22. APPOINTMENT TO THE PERSONNEL BOARD OF REVIEW** – Request Council ratify the Mayor’s recommendation to fill an unscheduled vacancy on the Personnel Board of Review due to the resignation of Orvil Hale; whose term of office will expire March 31, 2016. (File No. 0120-10)

Staff Recommendation: None (**City Clerk’s Office: Diane Halverson**)

MOTION: Moved by Mayor Abed and seconded by Councilmember Morasco to appoint Jennifer Burrows to the Personnel Board of Review. Motion carried unanimously.

FUTURE AGENDA

- 23. FUTURE AGENDA ITEMS** - The purpose of this item is to identify issues presently known to staff or which members of the Council wish to place on an upcoming City Council agenda. Council comment on these future agenda items is limited by California Government Code Section 54954.2 to clarifying questions, brief announcements, or requests for factual information in connection with an item when it is discussed.

Staff Recommendation: None (**City Clerk’s Office: Diane Halverson**)

ORAL COMMUNICATIONS

Kimber Allison, Escondido, stated that the carwash owner was grading his property with an expired CUP permit.

COUNCIL MEMBERS’ COMMITTEE REPORTS/COMMENTS/BRIEFING

Councilmember Diaz indicated there were 4th of July festivities in Grape Day Park from 4:00 p.m.-9:00 p.m. and on July 16, 2012 the POA was holding a Louis Romero Memorial Golf Tournament at the Vineyard Golf Course.

Councilmember Waldron stated the State Assembly passed the Redevelopment Area Trailer Bill.

Mayor Abed indicated that SANDAG had a balanced budget and stated that Adan Martinez and Austin Smith from the Police Department had won a downhill mountain cycling event.

Councilmember Gallo indicated NCTD introduced a new route 353 that went from the San Marcos Walmart past the new hospital, into the industrial area, to the Transit Center and asked to rename Sand Lake at Kit Carson Park.

ADJOURNMENT

Mayor Abed adjourned the meeting at 7:20 p.m.

MAYOR

CITY CLERK

MINUTES CLERK

CITY COUNCIL

For City Clerk's Use:

APPROVED **DENIED**

Reso No. _____ File No. _____

Ord No. _____

Agenda Item No.: 4
Date: August 1, 2012

TO: Honorable Mayor and Members of the City Council
FROM: Jerry H. Van Leeuwen, Director of Community Services
SUBJECT: Temporary Park and Ride at Kit Carson Park Budget Adjustment

RECOMMENDATION:

It is requested Council approve a budget adjustment to receive and expend \$60,000.00 from SANDAG. The revenue is given in consideration of the temporary use of the Adult Softball Parking Lot as a temporary Park and Ride facility.

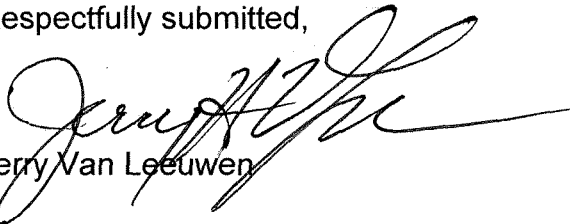
FISCAL ANALYSIS:

The funds received will be used to install new paving and other improvements on parking lots near the Adult Softball Complex. The parking lot is in bad repair and no other resources have been identified for these improvements.

BACKGROUND:

Several months ago the City was approached by SANDAG and asked if the southern parking lot at Kit Carson Park could be used on a temporary basis as a Park and Ride. SANDAG needs the temporary lot while improvements are made to the existing Del Lago Transit Center. An Occupancy Agreement has been prepared and the rental amount established by the Real Property Division. However, it is necessary for Council to approve the budget amendment to incorporate the rent payments into the City budget. It is anticipated that the paving improvements will be provided by George Weir Asphalt in conjunction with the recently awarded annual paving improvement project. Unit prices incorporated into the annual paving contract will be honored by George Weir Asphalt for this change order. It is expected the lot will be used on a temporary basis for 6 months.

Respectfully submitted,


Jerry Van Leeuwen



**CITY OF ESCONDIDO
BUDGET ADJUSTMENT REQUEST**

Date of Request: July 25, 2012
 Department: Community Services
 Division: Recreation
 Project/Budget Manager: Jerry Van Leeuwen 4871
 Name Extension.
 Council Date (if applicable): August 1, 2012
 (attach copy of staff report)

| <u>For Finance Use Only</u> | |
|-----------------------------|---------------------|
| Log # | _____ |
| Fiscal Year | _____ |
| _____ | Budget Balances |
| _____ | General Fund Accts |
| _____ | Revenue |
| _____ | Interfund Transfers |
| _____ | Fund Balance |

| Project/Account Description | Account Number | Amount of Increase | Amount of Decrease |
|--|---------------------|--------------------|--------------------|
| ML ↓ Repairing of EVCC & KCP Kit Carson Parking Lot Improvements | 229 - New 447202 | \$60,000.00 | |
| Rent | 229-4610 | \$60,000.00 | |
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Explanation of Request:
 Receive and expend funds garnered from rental payments made by SANDAG rental agreement for Park and Ride at Kit Carson park.

| | | | |
|------------------|------------|--------------|-------|
| APPROVALS | | | |
| | 07-25-2012 | _____ | _____ |
| Department Head | Date | City Manager | Date |
| | 7/25/12 | _____ | _____ |
| Finance | Date | City Clerk | Date |

Distribution (after approval): _____ Original: Finance

FM105 (Rev.11/06)



CITY COUNCIL

For City Clerk's Use:

APPROVED DENIED

Reso No. _____ File No. _____

Ord No. _____

Agenda Item No.: 5
Date: August 1, 2012

TO: Honorable Mayor and Members of the City Council
FROM: Cory Moles, Assistant Chief of Police
SUBJECT: TARGET CORPORATION GRANT FOR 2012 NATIONAL NIGHT OUT

RECOMMENDATION:

It is requested that Council approve a \$1,000 grant award from Target Corporation, authorize the Chief of Police and Police Department staff to submit grant documents on behalf of the City, and approve budget adjustments needed to set up and spend grant funds for 2012 National Night Out Against Crime.

FISCAL ANALYSIS:

This action will have no impact on the General Fund Budget.

PREVIOUS ACTION:

N/A

BACKGROUND:

The Escondido Police Department has been allocated a Target Corporation grant in the amount of \$1,000. The grant will assist the Police Department in funding 2012 National Night Out Against Crime activities on August 7, 2012, which will include food, supplies and educational materials. National Night Out is a community oriented program that invites the public to take a stand against crime and improve their community.

Respectfully submitted,

Cory Moles
Assistant Chief of Police



CITY OF ESCONDIDO
BUDGET ADJUSTMENT REQUEST

Date of Request: July 19, 2012
Department: Police Department
Division: Administration
Project/Budget Manager: Susan Cervenka/Barbara MarLett 4734
Name Extension
Council Date (if applicable): August 1, 2012
(attach copy of staff report)

For Finance Use Only
Log #
Fiscal Year
Budget Balances
General Fund Accts
Revenue
Interfund Transfers
Fund Balance

Table with 4 columns: Project/Account Description, Account Number, Amount of Increase, Amount of Decrease. Rows include Revenue (4121-001-000-30067, \$1,000) and Other Expense (5190-001-500-30067, \$1,000).

Explanation of Request:

A budget adjustment is needed to spend grant funds to fund food and activities for 2012 National Night Out.

APPROVALS
Department Head: [Signature] 07/18/12 Date
City Manager: _____ Date
Finance: [Signature] 7/23/12 Date
City Clerk: _____ Date

Distribution (after approval): Original: Finance

CITY COUNCIL

For City Clerk's Use:

APPROVED **DENIED**

Reso No. _____ File No. _____

Ord No. _____

Agenda Item No.: 6
Date: August 1, 2012

TO: Honorable Mayor and Members of the City Council
FROM: Christopher W. McKinney, Director of Utilities
SUBJECT: Notice of Completion for the Reed Reservoir Replacement Project

RECOMMENDATION:

It is requested that Council adopt Resolution No. 2012-124 and authorize the Utilities Director to file a Notice of Completion for the Reed Reservoir Replacement Project.

FISCAL ANALYSIS:

Funds were budgeted in the Water Capital Improvement Fund. Contract final amount was \$6,134,076.38. Added work included the demolition and removal of the old steel tank.


PREVIOUS ACTION:

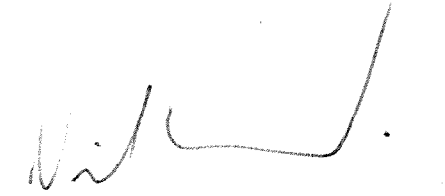
On April 14, 2010, Council approved Resolution No. 2010-60 authorizing the award of a Public Improvement Agreement with Gateway Pacific Contractors Incorporated of Sacramento in the amount of \$5,794,718.00.

BACKGROUND:

The Reed Reservoir Project replaced an old steel reservoir that was severely corroded in the roof truss area, and showed signs of "elephant's foot" where the lower portion of the steel walls were distended. The two new tanks will allow Utilities crews to isolate a single tank for cleaning and maintenance whilst leaving the other tank in service, without a loss of pressure or water service to the customers.

Respectfully submitted,


Christopher W. McKinney
Director of Utilities


Neil Greenwood
Utilities Construction Manager

RESOLUTION NO. 2012-124

A RESOLUTION OF THE CITY COUNCIL OF
THE CITY OF ESCONDIDO, CALIFORNIA, TO
APPROVE THE FILING OF A NOTICE OF
COMPLETION FOR REED RESERVOIR
REPLACEMENT PROJECT

WHEREAS, the improvements made to Reed Reservoir provided for a complete replacement of the old reservoir for the City of Escondido Utilities; and

WHEREAS, the City of Escondido Staff and the Director of Utilities deems the filing of the Notice of Completion to be valid and recommends approval; and

WHEREAS, the City Council desires at this time and deems it to be in the best public interest to approve the filing of the Notice of Completion;

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Escondido, California, as follows:

1. That the above recitations are true.
2. That the City Council accepts the recommendation of the Director of Utilities.
3. That the City Council of the City of Escondido hereby approve the request to file Notice of Completion for the Reed Reservoir Replacement Project.

CITY COUNCIL

For City Clerk's Use:

APPROVED **DENIED**

Reso No. _____ file No. _____

Ord No. _____

Agenda Item No.: 7
Date: August 1, 2012

TO: Honorable Mayor and Members of the City Council

FROM: Edward N. Domingue, Director of Engineering Services

SUBJECT: Consulting Agreement with Brian F. Smith and Associates, Inc. for Archaeological Mitigation Services for the Citracado Parkway, Andreasen Drive to West Valley Parkway, Street Improvement Project

RECOMMENDATION:

It is requested that Council adopt Resolution No. 2012-134 approving a consulting agreement with Brian F. Smith and Associates in the amount of \$496,000 for Phase 1 of the cultural resources data recovery in conjunction with the improvements of the Citracado Parkway, Andreasen Drive to West Valley Parkway Street Improvement Project. In addition, it is requested that Council authorize an additional \$475,000 for Phase 2 work should it become necessary.

FISCAL ANALYSIS:

The cultural resources data recovery phase is fully funded in the current fiscal year. Funds totaling \$18.1 million are currently programmed for the project from traffic impact fees, Transnet funds, and a contribution from the Palomar-Pomerado Hospital District through a development agreement associated with the relocation of Palomar Hospital.

PREVIOUS ACTION:

City Council approved a consulting agreement with Boyle Engineering (now AECOM) on December 13, 2006, for preliminary engineering and environmental review.

City Council approved the specific alignment plan and certified the final environmental impact report for the project on April 18, 2012.

BACKGROUND:

The City solicited engineering design and environmental review services for this project late in 2006. Eight design firms were initially considered. Four of these were selected as finalists and, after detailed review of proposals and interviews, Boyle Engineering, now AECOM, was selected as the best qualified firm to perform the desired consulting services. AECOM utilized Brian F. Smith and

Associates as a sub-consultant for preparation of the cultural resources survey and evaluation program.

The scope of services, proposal, and consulting fee for the cultural resources data recovery effort was negotiated between Brian F. Smith and Associates and City staff. Staff has evaluated the proposal and has determined the work effort and proposed consulting fee to be equitable. In an effort to keep the consulting fee as low as possible, the consultant was asked to only provide costs that were certain, and to leave out any contingency items until such time as it is determined to be required. Contingencies are listed in the proposal with general cost levels, but these will not be included in the consultant contract at this time.

With the adoption of the project EIR for Citracado Parkway Extension, the measures listed in the EIR as mitigation for anticipated impacts to cultural resources associated with the construction of the new road must be implemented. The contract between Brian F. Smith and Associates and City will focus upon the archaeological mitigation work at SDI-12,209, Locus 1 and Locus 2, as stipulated in MM-CR-4 listed in the EIR. Essentially, the mitigation program will follow the protocol presented in the BFSA technical report and reflects the fact that this proposed road construction project will pass directly through a prehistoric Native American village site where human remains associated with the occupation of this village for the past several thousand years have been discovered. The mitigation program will focus on the excavation of archaeological units to recover sufficient data to exhaust the research potential of the site. Each archaeological unit measures one meter square and represents an element of the statistical sampling program approved by the County of San Diego to address the potential impacts to this prehistoric site. Special studies, including radiocarbon dating and detailed artifact analysis, shall be conducted to exhaust the research potential of the site areas to be impacted. The recovered materials will be treated according to standard archaeological procedures—each specimen should be cleaned, cataloged, and analyzed, and a technical report will be prepared in accordance with professional archaeological standards and guideline requirements. Native American representatives will be present during the archaeological field program to address their concerns over the treatment of any human remains and ceremonial objects that may be discovered.

Phase 1 of the cultural resources data recovery will cost \$496,000 and this amount will be used in the consulting agreement. It is very likely that after Phase 1 is complete, Phase 2 work will be required. Therefore, City Council is also being asked to approve the Phase 2 estimated budget of \$475,000 at this time. Should the Phase 2 funding be needed to complete the mitigation program, City Staff would first approve of the additional work and budget for Phase 2 work as part of a change order request from Brian F. Smith and Associates.

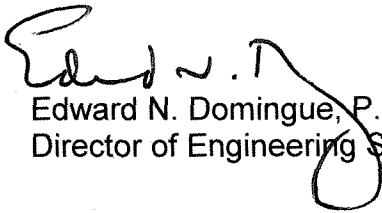
The potential does exist that certain contingencies may be encountered beyond the scope of both Phase 1 and Phase 2 archaeological investigations. These contingencies include the discovery of multiple human burials, the discovery of intense archaeological deposits, the increase in the mitigation area, and requirements for greater laboratory analysis of recovered cultural materials. The

Citracado Parkway, Brian Smith Contract
August 1, 2012
Page 3

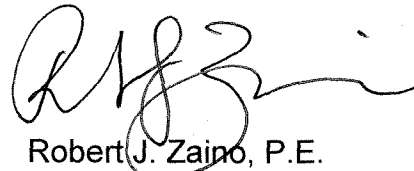
mitigation area, and requirements for greater laboratory analysis of recovered cultural materials. The contingency budget has been estimated at \$400,000. Should this work become necessary, staff will return to City Council for approval of that contract amendment.

A separate consulting agreement has been negotiated with AECOM for the final design effort and is being considered as a separate item on this agenda.

Respectfully submitted,



Edward N. Domingue, P.E.
Director of Engineering Services



Robert J. Zaino, P.E.
Deputy Director of Engineering Services

RESOLUTION NO. 2012-134

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF ESCONDIDO, CALIFORNIA, AUTHORIZING THE MAYOR AND CITY CLERK, TO EXECUTE, ON BEHALF OF THE CITY, A CONSULTING AGREEMENT WITH BRIAN F. SMITH AND ASSOCIATES FOR ARCHAEOLOGICAL MITIGATION SERVICES FOR THE CITRACADO PARKWAY, ANDREASEN DRIVE TO WEST VALLEY PARKWAY PROJECT

WHEREAS, Brian F. Smith and Associates was a subconsultant to AECOM for the completion of preliminary engineering, preparation of the Environmental Impact Report and specific alignment plan for the Citracado Parkway, Andreasen Drive to West Valley Parkway Project ("Project"); and

WHEREAS, Brian F. Smith and Associates, as part of the Environmental Impact Report, completed the cultural resources survey and evaluation program for the Project; and

WHEREAS, On April 18, 2012, City Council approved the specific alignment plan and certified the Final Environmental Impact Report for the Project; and

WHEREAS, the Director of Engineering Services recommends the execution of a Consulting Agreement for archaeological mitigation services for the Project in the amount of \$496,000 for Phase 1 work, and the approval of \$475,000 for Phase 2 work, should it become necessary; and

WHEREAS, this City Council desires at this time and deems it to be in the best public interest to approve said Consulting Agreement.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Escondido, California, as follows:

1. That the above recitations are true.
2. That the City Council accepts the recommendation of the Director of Engineering Services .
3. That the Mayor and City Clerk are authorized to execute, on behalf of the City, a Consulting Agreement (“Agreement”) with Brian F. Smith and Associates for archaeological mitigation services for the Citracado Parkway, Andreasen Drive to West Valley Parkway Project. A copy of the Agreement is attached as Exhibit “1” and is incorporated by this reference



CITY OF ESCONDIDO
CONSULTING AGREEMENT FOR DESIGN PROFESSIONALS

This Agreement is made this _____ day of _____, 20__.

Between: CITY OF ESCONDIDO
a Municipal Corporation
201 N. Broadway
Escondido, California 92025
Attn: Robert Zaino
760-839-4001
("CITY")

And: Brian F. Smith and Associates, Inc.
14010 Poway Road, Suite A
Poway, CA 92064
Attn: Brian F. Smith, President
858-679-8218
("CONSULTANT")

Witness that whereas:

- A. It has been determined to be in the CITY's best interest to retain the professional services of a consultant to perform cultural resources data recovery for the Citracado Parkway, Andreasen Drive to West Valley Parkway Project; and
- B. The CONSULTANT is considered competent to perform the necessary professional services for CITY;

NOW, THEREFORE, it is mutually agreed by and between CITY and CONSULTANT as follows:

1. Services. The CONSULTANT will furnish all of the services as described in "Attachment A" which is attached and incorporated by this reference. Phase 1 of the archaeological data recovery mitigation program represents the scope of work. A second phase of the data recovery program (Phase 2) may be needed, but will not be included until the need for Phase 2 can be substantiated by the results of the Phase 1 element of the program.
2. Compensation. The CITY will pay the CONSULTANT in accordance with the conditions specified in "Attachment A," in the sum of \$496,000 for Phase 1 of the archaeological data recovery mitigation program. Any breach of this Agreement will relieve CITY from the obligation to pay CONSULTANT, if CONSULTANT has not corrected the breach after CITY provides notice and a reasonable time to correct it.

3. Scope of Compensation. The CONSULTANT will be compensated for performance of tasks specified in "Attachment A" only. No compensation will be provided for any other tasks without specific prior written consent from the CITY.
4. Duties. CONSULTANT will be responsible for the professional quality, technical accuracy, timely completion, and coordination of all reports and other services furnished by the CONSULTANT under this Agreement, except that the CONSULTANT will not be responsible for the accuracy of information supplied by the CITY.
5. Personnel. The performance of services under this Agreement by certain professionals is significant to the CITY. CONSULTANT will assign the persons listed on "Attachment B," which is attached and incorporated by this reference, to perform the Services described in Paragraph 1, and will not add or remove persons from the list without the prior written consent of the CITY. CONSULTANT will not subcontract any tasks under this Agreement without obtaining the advance written consent of the CITY.
6. Termination. Either CONSULTANT or the CITY may terminate this Agreement with thirty (30) days advance written notice.
7. City Property. All original documents, drawings, electronic media, and other material prepared by CONSULTANT under this Agreement immediately becomes the exclusive property of the CITY, and may not be used by CONSULTANT for any other purpose without prior written consent of the CITY.
8. Insurance.
 - a. The CONSULTANT shall secure and maintain at its own costs, for all operations, the following insurance coverage, unless reduced by the City Attorney:
 - (1) General liability insurance. Occurrence basis with minimum limits of \$1,000,000 each occurrence, \$2,000,000 General Aggregate, and \$1,000,000 Products/Completed Operations Aggregate; and
 - (2) Automobile liability insurance of \$1,000,000 combined single-limit per accident for bodily injury and property damage, unless waived as provided in 8(b) below; and
 - (3) Workers' compensation and employer's liability insurance as required by the California Labor Code, as amended, or certificate of sole proprietorship; and
 - (4) Errors and Omissions professional liability insurance with minimum coverage of \$1,000,000.
 - b. It is the parties' understanding that the use of a motor vehicle is not a primary subject of this Agreement. CONSULTANT acknowledges that operating a motor vehicle is outside the scope of this Agreement and occurs only at the convenience of the CONSULTANT. A waiver of automobile liability insurance is only effective if both sets of initials appear below, otherwise such insurance is required.

Acknowledged by CONSULTANT _____

Waiver appropriate by CITY _____

- c. Each insurance policy required above must be acceptable to the City Attorney:
 - (1) Each policy must provide for written notice within no more than thirty (30) days if cancellation or termination of the policy occurs. Insurance coverage must be provided by an A.M. Best's A- rated, class V carrier or better, admitted in California,

or if non-admitted, a company that is not on the Department of Insurance list of unacceptable carriers.

- (2) All non-admitted carriers will be required to provide a service of suit endorsement in addition to the additional insured endorsement.
 - (3) Both the General Liability and the Automotive Liability policies must name the CITY specifically as an additional insured under the policy on a separate endorsement page. The endorsement must be ISO Form CG2010 11/85 edition or its equivalent for General Liability endorsements and CA 20-01 for Automobile Liability endorsements.
 - (4) The General Liability policy must include coverage for bodily injury and property damage arising from CONSULTANT's work including its ongoing operations and products-completed operations hazard.
 - (5) The General Liability policy must be primary and noncontributory and any insurance maintained by CITY is excess.
- d. In executing this Agreement, CONSULTANT agrees to have completed insurance documents on file with the CITY within fourteen (14) days after the date of execution. Failure to comply with insurance requirements under this Agreement will be a material breach of this Agreement, resulting in immediate termination at CITY's option.
9. Indemnification. CONSULTANT (which in this paragraph 9 includes its agents, employees and subcontractors, if any) agrees to indemnify, defend, and hold harmless the CITY from all claims, lawsuits, damages, judgments, loss, liability, or expenses, including attorneys' fees, for any of the following:
- a. Any claim of liability arising out of, pertaining to, or relating to the negligence, recklessness, or willful misconduct of CONSULTANT in the performance of this Agreement, excepting only those claims resulting from the sole negligence, active negligence or intentional misconduct of CITY, its employees, officials, or agents, not including CONSULTANT;
 - b. Any personal injuries, property damage or death that CONSULTANT may sustain while using CITY-controlled property or equipment, while participating in any activity sponsored by the CITY, or from any dangerous condition of property; or
 - c. Any injury or death which results or increases by any action taken to medically treat CONSULTANT.
10. Anti-Assignment Clause. The CONSULTANT may not assign, delegate or transfer any interest or duty under this Agreement without advance written approval of the CITY, and any attempt to do so will immediately render this entire Agreement null and void.
11. Costs and Attorney's Fees. In the event that legal action is required to enforce the terms and conditions of this Agreement, the prevailing party will be entitled to reasonable attorneys' fees and costs.
12. Independent Contractor. CONSULTANT is an independent contractor and no agency or employment relationship, either express or implied, is created by the execution of this Agreement.
13. Merger Clause. This Agreement and its Attachments, if any, are the entire understanding of the parties, and there are no other terms or conditions, written or oral, controlling this matter.

In the event of any conflict between the provisions of this Agreement and any of its Attachments, the provisions of this Agreement must prevail.

14. Anti-Waiver Clause. None of the provisions in this Agreement will be waived by CITY because of previous failure to insist upon strict performance, nor will any provision be waived by CITY because any other provision has been waived, in whole or in part.
15. Severability. The invalidity in whole or in part of any provision of this Agreement will not void or affect the validity of any other provisions of this Agreement.
16. Choice of Law. This Agreement is governed by the laws of the State of California. Venue for all actions arising from this Agreement must be exclusively in the state or federal courts located in San Diego County, California.
17. Multiple Copies of Agreement/Counterparts. Multiple copies and/or counterparts of this Agreement may be executed, including duplication by photocopy or by computerized scanning device. Each duplicate will be deemed an original with the same effect as if all the signatures were on the same instrument. However, the parties agree that the Agreement on file in the office of the Escondido City Clerk is the copy of the Agreement that shall take precedence should any differences exist among copies or counterparts of the document.
18. Provisions Cumulative. The foregoing provisions are cumulative and in addition to and not in limitation of any other rights or remedies available to the CITY.
19. Notices to Parties. Any statements, communications or notices to be provided pursuant to this Agreement must be sent to the attention of the persons indicated below. Each party agrees to promptly send notice of any changes of this information to the other party, at the address first above written.
20. Business License. The CONSULTANT is required to obtain a City of Escondido Business License prior to execution of this Agreement.
21. Compliance with Applicable Laws, Permits and Licenses. CONSULTANT shall keep itself informed of and comply with all applicable federal, state, and local laws, statutes, codes, ordinances, regulations, and rules in effect during the term of this Agreement. CONSULTANT shall obtain any and all licenses, permits, and authorizations necessary to perform services set forth in this Agreement. Neither CITY, nor any elected nor appointed boards, officers, officials, employees, or agents of CITY shall be liable, at law or in equity, as a result of any failure of CONSULTANT to comply with this section.
22. Immigration Reform and Control Act of 1986. CONSULTANT shall keep itself informed of and comply with the Immigration Reform and Control Act of 1986. CONSULTANT affirms that as an employer in the State of California, all new employees must produce proof of eligibility to work in the United States within the first three days of employment and that only employees legally eligible to work in the United States will be employed on this public project. CONSULTANT agrees to comply with such provisions before commencing and continuously throughout the performance of this Agreement.

IN WITNESS WHEREOF, the parties below are authorized to act on behalf of their organizations, and have executed this Agreement as of the date set forth below.

CITY OF ESCONDIDO

Date: _____

Sam Abed
Mayor

Date: _____

Diane Halverson
City Clerk

Date: _____

Brian F. Smith
President, Brian F. Smith and Associates, Inc.

(The above signature must be notarized)

APPROVED AS TO FORM:

OFFICE OF THE CITY ATTORNEY
JEFFREY R. EPP, City Attorney

By: _____

THE CITY OF ESCONDIDO DOES NOT DISCRIMINATE AGAINST QUALIFIED PERSONS WITH DISABILITIES.



Brian F. Smith and Associates, Inc.

Archaeology / Biology / History / Paleontology / Air Quality / Traffic / Acoustics

Attachment 1: Consulting Agreement for Design Professionals

July 23, 2012

Robert Zaino
Deputy Director of Engineering
City of Escondido
201 North Broadway
Escondido, California 92025

Re: Citracado Parkway Extension Project: Final Data Recovery Program Proposal

Dear Mr. Zaino:

The following proposal is submitted to the City of Escondido to present the scope of work and associated cost budget for the archaeological data recovery mitigation program required as part of the approved Environmental Impact Report (EIR) for the Citracado Parkway Extension Project. This proposal will discuss the project in terms of phases of work and associated budgets, and will include various contingencies focused upon the potential of find extensive significant deposits and multiple human burials. This proposal includes a budget that is based upon the anticipated cost of the program, with potential contingencies listed separately. It is imperative that the City keep in mind that this proposed road construction project will pass directly through a prehistoric Native American village site where human remains associated with the occupation of this village for the past several thousand years have been discovered.

With the adoption of the project EIR for Citracado Parkway Extension, the measures listed in the EIR as mitigation for anticipated impacts to cultural resources associated with the construction of the new road can be implemented. This proposal has been prepared to present a scope of work and cost budget for the archaeological mitigation work at SDI-12,209, Locus 1 and Locus 2. Essentially, the mitigation program will follow the protocol presented in the BFSAs technical report (*Cultural Resources Survey and Evaluation Program for the Citracado Parkway Extension Project*, Smith and Stropes [BFSAs], 2012) and will be responsive to mitigation measures MM-CR-1, MM-CR-2, and MM-CR-4 listed in the EIR. These mitigation measures are summarized below:

- **MM-CR-1: Human Remains Encountered within the Construction Zone:**

In the event of the discovery or recognition of any human remains during the archaeological excavations, the treatment of human remains encountered will follow the procedures stated in the EIR and Pre-Excavation Agreement (to be prepared and authorized prior to the start of fieldwork).

• **MM-CR-2: Disposition of Human Remains:**

Because of the high potential to recover human remains or sensitive artifacts associated with sacred, religious, or ceremonial components of the material cultural of the prehistoric occupants of SDI-12,209, a preservation area within Locus 1 of SDI-8280 will be used as a reburied location for those human remains or funerary materials recovered at SDI-12,209. Reburial of any human remains or funerary materials will be coordinated with the City of Escondido and the Tribal representatives.

• **MM-CR-4: Direct Impacts to Significant Elements of SDI-12,209:**

For direct impacts to significant components of Site SDI-12,209, mitigation of those impacts would be achieved through the implementation of a data recovery program. As a condition of approval for this project, and prior to the initiation of any clearing, grading, or construction associated with the road project within the boundaries of the cultural sites, the City shall direct the archaeological consultant to prepare a detailed research design to orientate the research perspective, stipulate the archaeological goals, address Native American concerns, and direct the excavation process. The implementation of the research design through the scheduled data recovery program constitutes mitigation for the proposed destruction of the significant portions of archaeological Site SDI-12,209 (Locus 1 and Locus 2) within the alignment. The mitigation of impacts shall be achieved by the excavation and analysis of a sufficient sample of the significant deposits affected to exhaust the research potential of those areas.

* * *

The Citracado Parkway Extension Project will impact two areas (or loci) of SDI-12,209. These two loci are elements of the prehistoric Native American village complex that for over two thousand years was the focus of human habitation along this portion of the course of Escondido Creek and the lush habitat that was supported by the drainage. The mitigation program will fall into three main tasks: (1) preparation of the research design and completion of a data recovery program at SDI-12,209; (2) construct a barrier to protect the pictograph features adjacent to the construction alignment; and (3) conduct archaeological and Native American monitoring of grading. The following proposal will specifically focus upon the scope of work and cost budget for only Task 1: the Data Recovery Program, while the two other mitigation measures will fall to the construction phase of the project.

SCOPE OF WORK — DATA RECOVERY PROGRAM

In order to reduce potential impacts to SDI-12,209 (Locus 1 and Locus 2) to a level below significant, a data recovery program will be necessary, as stipulated in the EIR. Because the importance of this site is identified as the research potential represented in the cultural deposit, the mitigation program will focus on the excavation of archaeological units to recover sufficient data to exhaust the research potential of the site. Special studies, including radiocarbon dating, faunal analysis, obsidian hydration and sourcing, and flake attribute analysis, shall be conducted to exhaust the research potential of the site areas to be impacted. The recovered materials should be treated according to standard archaeological procedures—each specimen should be cleaned,

cataloged, and analyzed, and a technical report will be prepared in accordance with professional archaeological standards and guideline requirements.

The mitigation of impacts to SDI-12,209 can be accomplished through a data recovery program, which shall include a sample of the subsurface deposit sufficient enough in size to make a significant contribution to the archaeological record. Site CA-SDI-12,209 shall be mitigated in accordance with the approved Data Recovery Program (DRP) presented in the Citracado Parkway Extension EIR and archaeological study (Smith and Stropes 2012). Based on the archaeological research records for this region, and following widely applied guideline requirements from agencies in this area, mitigation of impacts through data recovery programs will typically target a 15% sample as a statistically valid recovery level for significant deposits. However, the overriding measure of the adequacy of a sample of a significant deposit is the exhaustion of research potential and achievement of a redundant artifact recovery pattern, which may occur at a sample level less than 15%.

To facilitate the periodic review of the excavation collection and assessment of the status of the information accumulated, the data recovery program at SDI-12,209 will utilize a statistical stratified sampling process that will require the evaluation of the excavation at 5% sample increments, or phases. At the conclusion of each phase of sampling (potentially Phases 1, 2, and 3), the Consulting Archaeologist shall determine if the subsequent phase of sampling is required, using criteria listed in the research design, and potentially stratifying the subsequent sample phase to focus excavations in areas with higher research potential. The Consulting Archaeologist responsible for the mitigation program will have the latitude to adjust the stratified sampling process to maximize efforts in any particular areas that possess identified higher research potential. The sampling protocol is highlighted below, but will be presented in greater detail in the research design.

- A. The basic unit of the data recovery field program will be standard 1-meter-square test units. Each unit will be excavated using universal archaeological protocols for fieldwork, including the excavation of each unit in decimeter levels to a depth that exceeds the lowest depth of the cultural deposit. All excavations will be completed using hand tools and work will be approached in a careful, professional manner. All of the soil excavated from the units will be subjected to wet-screening on-site. The use of water to separate dirt from the archaeological collections will ensure that any human remains are immediately revealed and will also enhance the recovery of cultural materials that may be too small to otherwise be identified. All soils will be wet-screened through one-eighth-inch mesh hardware cloth, with at least 10% of the excavated sample to be screened with one-tenth-inch mesh hardware cloth to search for those elements of the deposit that otherwise would pass through the one-eighth-inch mesh. All recovered cultural materials will be bagged by provenience, labeled, and transported to a secure location for laboratory analysis.
- B. All archaeological excavations will require monitoring by Luiseño and Kumeyaay MLDs or their designated representatives.
- C. Detailed field maps will be completed using Global Positioning System technology with sub-meter accuracy to record all excavations and features encountered.

- D. Phase I of the fieldwork program will include a 5% hand-excavated sample of each identified subsurface deposit that will be directly impacted.
- E. At the completion of Phase I, the Consulting Archaeologist shall evaluate the results and consider issues of site integrity, data redundancy, spatial and temporal patterning, features, and other relevant topics in order to assess the adequacy of the initial five percent sample. The Consulting Archaeologist shall prepare a brief report (An Interim Review of Archaeological Sampling — Phase I Results) to submit to the City of Escondido and County of San Diego to communicate the results of the Phase I evaluation and recommendation for Phase II additional work. Based on this assessment and assuming that research potential remains, the site will be stratified to delineate areas with further research potential or the potential to produce features. A second phase of field investigations would consist of an additional 5% sample of that stratified area with further research potential. Adjustments in the sample size shall be an option of the Consulting Archaeologist should the assessment of the sources of the Phase I sample indicate the Phase II sample should be less than 5%.
- F. Implement Phase II of fieldwork, as necessary. Upon completion of the second phase of sampling, the Consulting Archaeologist will evaluate the success of the Phase II and consider the need for further sampling. The Consulting Archaeologist shall submit a second brief report (An Interim Review of Archaeological Sampling — Phase 2 Results) of this evaluation to the City of Escondido and County of San Diego and include any recommendations for Phase III additional excavations. Should this analysis confirm research potential remains, a third phase (Phase III) will be employed. Typically, as a product of site organization and use pattern during the Late Prehistoric period, the sampling process will identify a core area of more intense artifact concentration and variety of artifact types. The final phase (Phase III) of the stratified sample would commonly employ a large block excavation to focus Phase III efforts only upon the core deposit.
- G. Implement Phase III of sampling if determined to be necessary.
- H. Conduct an intensive laboratory program for all recovered cultural materials. All items in the collection will be subjected to standard laboratory procedures of cleaning, cataloging, data entry, and artifact analysis including lithics analysis, ceramics analysis, faunal analysis, floral analysis, assemblage analysis, and radiocarbon dating.
- I. Provide evidence to the satisfaction of the City and County that all archaeological materials recovered, during both the significance testing and data recovery phases, have been curated according to current professional repository standards. The collections and associated records shall be transferred, including title, to an appropriate curation facility within San Diego County, to be accompanied by payment of the fees necessary for permanent curation. Agreements with the Native American representatives regarding elements of the archaeological excavation recovery will supersede curation requirements if these artifacts are requested by the tribes for repatriation, relocation, and/or reburial.
- J. Complete and submit the Final Technical Report to the satisfaction of the City.

Methodology

A plan for a program to carry out the necessary data recovery procedures is presented below. Impacts to SDI-12,209 associated with the extension of Citracado Parkway will impact **6,157 square meters of Locus 1**, of which 4,932 square meters is considered of high research potential and 1,225 square meters have limited research potential. The project will also impact **3,751 square meters of Locus 2**, of which 3,081 square meters is considered of high research potential and 670 square meters have limited research potential. The program to mitigate impacts to approximately **9,908 square meters** (8,013 square meters of high potential deposit and 1,895 square meters of marginal deposit) of cultural deposit is consistent with the policies and guidelines of the City of Escondido and the County of San Diego, and with the Advisory Council on Historic Preservation's Ideal Data Recovery Program. The governing parameters to be used to determine the level of the sampling will be the redundancy of the recovered artifacts and the research potential of the site.

Field Methods

The data recovery program will focus upon the excavation of test units measuring one meter square to a minimum depth of 50 centimeters. If cultural materials are present beyond this depth, the excavation shall continue until one sterile level is exposed. The units will be excavated in controlled, ten-centimeter levels. The data recovery program will focus upon the excavation of test units measuring one meter square. All soil from the excavations will be wet-screened through one-eighth-inch mesh screens. This method is considered superior to dry-screening to separate the artifacts and ecofacts from the soil matrix and to maximize recovery. All artifacts recovered during the screening and sorting process shall be properly labeled with provenience information in the field, and subsequently subjected to standard laboratory procedures of identification and cataloging. The excavation of the units will be documented with field notes, illustrations, and photographs.

Any features that are discovered during the archaeological excavations shall be exposed through careful hand-excavation. Additional test units may be needed to fully expose the features, which will then be recorded by sketching and photography. Any datable materials found in association with discovered features shall be collected for radiocarbon dating. If obvious datable samples cannot be found at the sites in the data recovery program, then several bulk soil samples may be collected and processed in an attempt to date the deposits.

Note: This proposal does not include the backfilling of the excavated test units following the conclusion of the field excavations. Since these units fall within the area that will be graded during construction, backfilling appears to be a needless expense. Should the City decide that the open pits cannot remain open during the interim between the data recovery program and the start of grading, the units could be backfilled with sand at an additional cost.

Laboratory Analysis and Special Studies

All of the materials recovered from the field excavations will be subjected to standard laboratory analyses. Artifacts may be washed, if necessary, to permit proper identification. The artifacts will be sorted and cataloged, including totals, materials, condition, weight, provenience, and unique artifact identification numbers.

The lithic artifacts recovered from the project will be subjected to in-house analysis, which will include recordation of lithic material, critical measurements and weight, and inspection for evidence of use wear, retouch, patination, or stains. The recovered flakes will be subjected to an analysis of attributes such as size, condition, type, termination, and material.

Non-lithic materials, such as ecofacts (shell, bone, wood), will be subjected to specialized analyses. The laboratory analysis of the column samples will include flotation procedures to remove seeds and other microfaunal remains from the soil, followed by the screening of the remainder through a one-sixteenth-inch mesh sieve. Flotation will be conducted by Paleo Research Institute in Golden, Colorado. The recovered materials such as animal bone, fish bone, seeds, and charred plant remains will be sorted and subjected to further analysis by the appropriate personnel. Other specialized studies, which will be conducted if the appropriate materials are encountered, include marine shell species identification, faunal analysis, otolith analysis (for seasonality), radiocarbon dating, obsidian sourcing and hydration, and blood residue and phytolith studies. These specialized studies are briefly described below:

a) Shell Analysis

Marine shell has been documented at sites in the area, as well as at SDI-12,209. Marine shell was used both as a food source and for making shell beads by prehistoric people in this area. Marine shell recovered from the sites will be identified by in-house laboratory technicians under the supervision of Tracy Stropes, Associate Project Archaeologist.

b) Faunal Analyses

Any faunal material recovered from the excavations will be cleaned and identified to lowest taxonomic category, element, and symmetry. Data recorded will include sex, age, degree of epiphyseal fusion in long bones, and modification to the bones, such as carnivore and rodent gnawing, chopping and cutting marks resulting from butchery practices, burning, and fragment size for each element. Bones will be weighed to the nearest 0.1 gram. Degree of fusion of the long bone epiphyses will allow for distinction between juveniles and adult individuals. All data will be entered into a database, which will facilitate quantitative and statistical analyses. From these raw data, measures of species composition will be generated using zooarchaeological quantification methods. Due to the small quantity of bone recovered during the testing phase, it is probable that all bone from the site will be analyzed. Faunal material will be analyzed in-house by Chris Morgan, M.S., faunal specialist, using comparative faunal collections.

c) Radiocarbon Dating

This dating technique will be attempted whenever possible. The radiocarbon dating will be useful in conjunction with the stratigraphic recovery of cultural materials to establish the chronology of the site. Therefore, the collection of samples for dating should be based on the presence of diagnostic artifacts, features, or geological strata delineations. The desired material for radiocarbon dating is that of charcoal, small amounts of which were observed during the testing phase. Should the possibility arise that insufficient charcoal is recovered, bulk soil samples will be collected from features and column samples for dating. Shell samples will be submitted for dating if sufficient quantity is

recovered from the excavations. All samples for radiocarbon dating will be submitted to Beta Analytic, Inc., of Miami, Florida.

d) Blood Residue, Pollen, and Phytolith Studies

Organic residue on lithic artifacts may be useful in the determination of the species of animals and plants represented by the residue. However, the use of such studies is necessarily dependent upon the identification of residues on artifacts—the potential presence of a testable residue must be made prior to wet screening, or the residue samples will be lost. Therefore, lithic precision and ground stone tools found *in situ* during the excavation will be bagged separately and returned to the laboratory for possible blood residue, pollen, and phytolith analysis. A control sample of soil from the area adjacent to the artifact will also be collected. All material for blood residue, pollen and phytolith analyses will be submitted to Paleo Research Institute in Golden, Colorado.

e) Obsidian Hydration and Sourcing

Obsidian will likely be recovered during the data recovery program at both loci of SDI-12,209. Any recovered obsidian artifacts will be submitted to a specialist to determine the source of the lithic material. Source analysis will be conducted by Dr. Richard E. Hughes, Director of the Geotechnical Research Laboratory, Portola Valley, California. The obsidian shall also be analyzed to produce hydration readings, which may then be used to provide relative dates for the use of the artifacts. Obsidian hydration analysis will be performed by Dr. Thomas Origer, Director of the Obsidian Hydration Laboratory at Sonoma State University.

f) Ceramic Analysis

All prehistoric ceramics will be subjected to analysis to determine the type of pottery, vessel type that was initially created for the ceramic piece, and approximate age. Typically, ceramics are indicative of the Late Prehistoric period and were manufactured by nearly all tribes in California after 1,200 years before the present. In San Diego County, various groups producing pottery utilized the clays that were immediately available at that location. Analysis of pottery shards can often indicate the origin of the pottery to very specific regions within the county.

g) Microanalysis

As part of the special studies element of the program, column samples will be taken to permit microanalysis of midden contents. The columns will measure ten centimeters square, and will conform to the walls of selected completed test units to the bottom of the deposit. All of the soil from the column will be collected, and not screened in the field. The samples will be returned to the laboratory for analysis. In addition, during hand excavation, special attention will be given to the identification of lithic tools found *in situ* and their potential for residue analysis. When possible, such tools will be bagged separately, thereby excluding them from the wet-screening process. A sample of the surrounding soil will be collected to serve as a control sample, should the artifact be chosen for pollen, phytolith, and blood residue analyses.

Sampling Program

(1) SDI-12,209 Locus 1

The field sampling program for the SDI-12,209 Locus 1 data recovery program is described below. Included in this description is the listing of the number of test units to be utilized to achieve the sampling levels required by the EIR.

This site is part of the large prehistoric seasonal village site situated on several hilltops and is bisected by the course of Escondido Creek. The site is affiliated with the late prehistoric Kumeyaay and Luiseño Indians, based on artifacts recovered from the site. Impacts associated with the extension of Citracado Parkway will impact 6,157 square meters (66,273 square feet) of Site SDI-12,209 Locus 1. The mitigation will focus first upon the 4,932 square meters of high potential deposits, while the 1,225 square meters of shallow deposits will be sampled as part of the second phase of sampling if that level of effort is needed. The sampling program for at Locus 1 will focus on a stratified random sampling of the significant areas of the site in phases as discussed in the EIR and the associated technical report by BFSa.

- High Significance Rating for SDI-12,209 Locus 1.
- Size of Significant Subsurface Deposit To Be Impacted — 6,157 square meters; 4,932 square meters of high potential deposit and 1,225 square meters of moderate potential fringe deposits.
- Phase 1 — 5% sample of 4,932 square meters of high potential midden will include 140 test units.
- Submit Interim Report for Phase 1.
- Phase 2 — 5% sample of up to 90 test units in the area stratified as high potential based on the results of the Phase I test results, although this total will vary depending on the stratification of the subsurface deposit into areas of greater research potential.
- Submit Interim Report for Phase 2.
- Phase 3 — Up to 5% sample of up to 50 test units. The final phase of sampling will focus on the locations identified with deep, highly significant deposits or features.
- Total proposed sample size for data recovery — 280 square meters.
- Contingency sample units to be employed if moderate outlying deposits are determined important to the sampling program. The contingency sample units include Phase 1: 30 units; Phase 2: 50 units; and Phase 3: 15 units. A total of 95 units are considered to be contingency units that most likely will not be excavated unless the recovery of cultural materials along the outer areas of the sample area prove to contain substantial artifacts and research potential.

(2) SDI-12,209 Locus 2

Locus 2 of SDI-12,209 is a large lithic scatter and resource processing area directly associated with the habitation focus at Locus 1 for the site. The site is affiliated with the late prehistoric Kumeyaay and Luiseño Indians, based on artifacts recovered from the site. Impacts associated with the extension of Citracado Parkway will impact 3,751 square meters (40,375 square feet) of Site SDI-12,209 Locus 2. The mitigation will focus first upon the 3,081 square meters of high potential deposits, while the 670 square meters of shallow deposits will be sampled as part of the

second phase of sampling if that level of effort is needed. The sampling program for Locus 2 will focus on a stratified random sampling of the significant areas of the site in phases as discussed in the EIR and the associated technical report by BFSA.

- Moderate Significance Rating for SDI-12,209 Locus 2.
- Size of Significant Subsurface Deposit to be impacted — 3,751 square meters; 3,081 square meters of high potential deposit and 670 square meters of moderate potential fringe deposits.
- Phase 1 — 5% sample of 95 test units.
- Submit Interim Report for Phase 1.
- Phase 2 — 5% sample of up to 62 test units.
- Submit Interim Report for Phase 2.
- A third phase of mitigation sampling is not likely to be necessary at SDI-12,209 Locus 2 as this site is not considered a candidate for intense artifact deposits or substantial subsurface features.
- Total proposed sample size for data recovery — 157 square meters.
- Contingency sample units to be employed if moderate outlying deposits are determined important to the sampling program. The contingency sample units include Phase 1: 25 units; Phase 2: 28 units; and Phase 3: 17 units. A total of 70 units are considered to be contingency units that most likely will not be excavated unless the recovery of cultural materials along the outer areas of the sample area prove to contain substantial artifacts and research potential.

Curation

All of the prehistoric cultural materials recovered from the project, including those from the testing program, shall be curated at a County-approved facility. The collections, records, and any supporting data (including the final technical report) shall be transferred with payment to the approved facility for permanent curation.

Native American Consultation

Local Native American representatives from both the Luiseño San Luis Rey Band and the Kumeyaay Tribe shall be contacted and included as part of the mitigation program. Native American monitoring will be required at all times that archaeological excavations are underway, as stipulated in the EIR. As part of this Data Recovery Program, BFSA will assist the City to prepare a Pre-Excavation Agreement for the disposition of human remains and funerary materials that may be recovered during the field excavations. This agreement will describe the procedures to be invoked in the event any human remains are encountered or items of sacred or religious significance are discovered. In the event that the Native American tribes elect to decline involvement in the Pre-Excavation Agreement, the program shall move forward without such an agreement in place. Procedures and protocols typically associated with the discovery of human remains and required by state law and the Public Resources Code shall be followed in lieu of any Pre-Excavation Agreement.

Provisions for the Discovery of Human Remains

The possibility exists that human remains may be discovered during the data recovery programs, based upon the previous recovery by EDAW at SDI-12,209 Locus 1. In the event that human

burials are encountered, standard procedures for such discoveries will be implemented, including notification of the San Diego County Coroner’s Office, the County of San Diego, and the Native American Heritage Commission in Sacramento, and Luiseño and Kumeyaay representatives. Fieldwork will be discontinued in the area of any such discovery. The Native American representative and the County will be consulted to determine a preferred course of action, and the burial will be treated accordingly. In no case will any actions listed in the Pre-Excavation Agreement supersede the legal requirements of state law or County of San Diego regulations.

SCHEDULE

The data recovery program will focus upon the completion of the field excavation work as quickly as possible, so that the construction phase can begin without any issues over the status of the archaeological work. The laboratory analysis phase of study and the preparation of the final technical report will progress much more slowly and independent of the construction schedule. The final report will not be submitted until the construction work is completed and any discoveries made during construction can be included in the final report discussion.

The key schedule thresholds are listed below, although the duration column is subject to change depending upon the level of recovery from test units:

| Schedule of Tasks | Duration In Work Days | Calendar (Running Total of Days) |
|---|-----------------------|----------------------------------|
| Authorization to begin work | 0 | 0 |
| Preparation of the Pre-Excavation Agreement; Preparation of Research Design | 10 | 10 |
| Consultation with Tribes to approve Pre-Excavation Agreement | 15 | 25 |
| Staking of limits of construction at SDI-12,209 | 5 | 30 |
| De-vegetation and clearing of data recovery area | 5 | 30 |
| Construction of wet-screen area | 3 | 30 |
| Stake and layout of complete sample grid for SDI-12,209 | 3 | 33 |
| Excavation of test units | 100 | 133 |
| Review by City/County of sample adequacy | 10 | 143 |
| Completion of field investigation-- clear site of materials | 5 | 148 |
| Start of laboratory analysis | -- | -- |

Potential impacts to the schedule could come from issues related to the approval and acceptance of the Pre-Excavation Agreement by the Native American representatives and also from the potential discovery of multiple locations of human remains. Once the Pre-Excavation Agreement is accepted by the Tribes, which may stretch up to one month to accomplish, the schedule calls for five to six months to complete sample of test units in the high potential areas and potentially additional units listed as contingency units to be excavated if the boundaries of the high potential areas are pushing into areas considered to be moderately significant. Issues related to the treatment of human remains, regardless of how carefully we plan for this issue and discuss it in the Pre-Excavation Agreement, could cause the field schedule to lengthen. For instance, if focused and multiple locations of human remains are encountered, the Tribes could

demand suspension of work in that area for a time to allow the MLDs to discuss proper treatment, or the Tribes could request the locations of the burials be more widely excavated to recovery any and all human remains prior to construction. It will be paramount during this period of field excavations to maintain the proper level of sensitivity and diplomacy with the Tribes who are very concerned over the fate of the human remains in the right-of-way.

ESTIMATED BUDGET PROPOSAL FOR THE DATA RECOVERY PROGRAM

The mitigation of adverse impacts to cultural resources will be achieved through the implementation of a data recovery program. Data recovery will be conducted by excavating standard one-meter-square test units to recover sufficient levels of cultural materials to compensate for the destruction of archaeological sites within the development area. The data recovery program will be invoiced on a time-and-materials basis within a not-to-exceed budget. The calculation of the budget for the data recovery field excavations will be based on the estimated time required for archaeologists to hand excavate test units, wet-screen all excavated soil, recover and carefully label by provenience all artifacts from screening and transport them to the BFSa laboratory for processing. The estimated time for field investigations also includes all efforts to construct the wet-screening operation, clear vegetation from the work areas, stake the sampling grid, manage the program, and consultation with Native American representatives.

The actual number of test units excavated during the data recovery program is somewhat dependent on the levels of recovery, as the number of units could be reduced if the subsurface deposits are smaller than estimated, or increased in the areas where the deposit increases in size substantially. This proposal will consider that all 387 sample units will be excavated within the high potential areas (230 at SDI-12,209 Locus 1 and 157 at SDI-12,209 Locus 2). Contingency units (total of 165) will likely not be needed, and are listed under the category of contingency budgets.

Note: In the current climate of Native American concerns over sensitive areas of human burials, the potential does exist that should large numbers of human remains (represented by as little as a single human bone fragment in a test unit) be encountered, the Native American community could strongly request that larger areas be excavated and screened to recover all human remains that exist in the construction zone. Since no one can predict what might be found in terms of human remains or what the position of the Tribes will be where it appears that multiple human remains are present, the City should be aware that increases to the size of the archaeological excavation sample could result if a substantial number of human remains are discovered. Such increases could require an increase to the field investigations budget.

While the field budget will be estimated in Table 1, the actual invoicing will be based on hourly rates listed in Table 2. Use of hourly rates in a time-and-material billing process will keep charges in line with actual time spent on the project. For this proposal, the laboratory analysis for artifacts recovered from the field excavations has been estimated based upon the quantity of artifacts per test unit from the testing program in 2010. Entries for other laboratory work have been included based on the types of special analyses typically used for projects of this scope.

Radiocarbon dating, residue analysis, and obsidian hydration dating have been included in the budget based upon projects of similar size and scope.

Table 1
Budget Estimate for the Data Recovery Program at SDI-12,209

| | |
|---|------------------|
| Preparation of Research Design: | \$3,000.00 |
| Native American Consultation and Preparation of Pre-Excavation Agreement: | \$3,000.00 |
| Clearing of all vegetation within the limits of Construction at SDI-12,209: | \$2,000.00 |
| <u>Phase 1 of Data Recovery Program:</u> | |
| Data Recovery at SDI-12,209 Locus 1: | |
| Excavation of 140 test units: | \$168,000.00 |
| Interim Reports between Phases: | \$4,000.00 |
| Laboratory Analysis: | \$102,000.00 |
| Final Report: | TBD |
| Data Recovery at SDI-12,209 Locus 2: | |
| Excavation of 95 test units | \$87,000.00 |
| Interim Reports between Phases | \$3,000.00 |
| Laboratory Analysis: | \$66,000.00 |
| Report: | \$TBD |
| Native American monitor for fieldwork | \$47,000.00* |
| Curation of Collections at the San Diego Archaeological Center | TBD |
| Meetings for City, Native American Representatives, AECOM, etc. | \$3,000.00 |
| Materials: For Wet-Screen Construction, Staking, Curation, Artifact Containers, Restroom Rentals, Storage Rentals, Temporary Fencing, Water Costs (if not covered by City), Equipment Rentals. | \$4,000.00 |
| <u>Reimbursable Charges Budget</u> | \$4,000.00 |

Total Budget Estimate for Phase 1 of the Data Recovery Program: \$496,000.00

Phase 2 of Data Recovery Program:

| | |
|--|--------------|
| Data Recovery at SDI-12,209 Locus 1: | |
| Excavation of 90 test units: | \$148,000.00 |
| Interim Reports between Phases: | \$3,000.00 |
| Laboratory Analysis: | \$95,000.00 |
| Final Report: | \$35,000.00 |
| Data Recovery at SDI-12,209 Locus 2: | |
| Excavation of 62 test units | \$56,000.00 |
| Interim Reports between Phases | \$2,000.00 |
| Laboratory Analysis: | \$35,000.00 |

| | |
|--|-------------------|
| Report: | \$15,000.00 |
| Native American monitor for fieldwork | \$40,000.00* |
| Curation of Collections at the San Diego Archaeological Center | 35,000.00 |
| Meetings for City, Native American Representatives, AECOM, etc. | \$4,000.00 |
| Materials: | \$4,000.00 |
| Artifact Containers, Restroom Rentals, Storage Rentals, Temporary Fencing, Water Costs (if not covered by City), Equipment Rentals. | |
| <u>Reimbursable Charges Budget</u> | <u>\$3,000.00</u> |

Total Budget Estimate for Phase 2 of the Data Recovery Program: \$475,000.00

Total Budget Estimate for Phases 1 and 2 Data Recovery Program: \$971,000.00

* - This entry in the budget is based upon the presence of one Luiseño and one Kumeyaay for the duration of the field investigations. The Native American Tribes could demand multiple monitors be present and compensated for their time in the event that multiple locations of human remains are identified. In this situation, the budget for Native American monitors would require an increase.

Contingencies: During the program of excavating the data recovery sample units, five main sources of contingency costs may develop. These contingency sources are: 1) expanded sample units to treat areas upgraded to high potential by test unit recovery; 2) additional work (and Native American monitoring costs) generated by the discovery of human remains; 3) increased laboratory analysis costs associated with the recovery of unexpected quantities of artifacts, human remains, grave goods, and trade materials; 4) the Native American representatives have indicated they may want to participate in the laboratory analysis phase of work at the offices of BFSAs; and, 5) the backfilling of open excavation pits prior to the start of grading. The listed contingency sources are discussed below with projections of the potential costs these might add to the project. All contingencies will be submitted as change orders should the circumstances materialize that would instigate the requirement for work on these topics. For this proposal, none of the contingency budgets have been included, but are presented here as notice of potential additional budget requests. The estimated budget total for the Contingencies Category of tasks is **\$400,000.00**, as presented below:

1. **Increased Sample Units:** The EIR mitigation measure for this data recovery program is based on a statistical sample of the area to be impacted by the project. The maximum sample size is 602 square meters; however, the reality is that the sample area has zones of high potential and other areas where this potential has been compromised by past grading impacts or where the potential is less because the area is along the fringe of the prehistoric deposit. The difference between the sample size utilized for this proposal and

the maximum sample size projected in the EIR is 165 one meter square test units. The contingency value of the 165 units that are not likely needed but could be required based on recovery patterns is **\$150,000.00**. Not all of the 165 units would necessarily be required, and the sample increase could be much smaller, but would not be larger than 165 units.

2. **Contingency for Discovery of Human Remains**: The potential to encounter additional human remains at SDI-12,209 Locus 1 is very high, especially in the area where EDAW previously discovered human remains. Once human remains are discovered, the protocols listed in the pre-excavation agreement will be initiated. Furthermore, the area where the human remains were discovered will be subjected to several additional test units to ensure that all scattered elements of the burial(s) are recovered prior to grading. While it is impossible to determine beforehand the number of burials that may be encountered, the contingency budget to deal with multiple remains and associated burial goods is set at **\$40,000.00**, which will include the excavation of additional units, funding for a faunal expert to confirm human identification of the remains, additional Native American monitors, meetings, and a reburial program.
3. **Additional Laboratory Analysis**: There are several sources where additional laboratory work could be generated. If any of the increased sample units is excavated, the laboratory budget would correspondingly be increased. If additional fieldwork is generated by the discovery of human remains during the data recovery program, the associated materials from the burial and any additional test units would require laboratory work. The potential laboratory work addition represented by the contingency budget is placed at **\$120,000.00**. The additional laboratory work would also generate the need for additional curation space and associated costs. The curation contingency for these materials would be **\$10,000.00**.
4. **Native American Participation in Laboratory Work**: During discussions over the past few years of Native American consultation, the Native American representatives have indicated a strong desire to be present in the BFSa laboratory during the cataloging and analysis of the recovered prehistoric artifacts. This accommodation has not been included in any mitigation measure or City concession. We have included it here as a contingency category because the Native American community may put sufficient pressure on the City to include this work. The cost to include the Native American representatives in the laboratory process could generate costs of **\$50,000.00**.
5. Increases in field and laboratory work discussed as part of the contingencies category would also introduce additional information and discussion into the final report. The additional report costs associated with any of the contingency work noted in this portion of the proposal would require a budget increase of up to **\$15,000.00** to the report costs.
6. **Test Unit Backfilling**: If the City decides that the open test units represents a potential hazard during the period between the conclusion of the archaeological excavations and the start of grading, the open pits could be backfilled with sand or dirt. The cost to

complete the backfilling process would be an additional charge estimated to be **\$15,000.00.**

Change Orders: The not-to-exceed budget for Phases 1 and 2 is **\$971,500.00 (Phase 1: \$496,000; Phase 2: \$475,000)**, which has been calculated to achieve the level of effort anticipated for complete mitigation of impacts to SDI-12,209, including provisions for the recovery of limited amounts of human remains. Should the field investigations reveal components of the cultural deposit that were not anticipated or are more extensive than anticipated, change orders will be used to increase the budget appropriately. Likewise, should Native American consultation time and meetings be increased due to issues related to discovery of multiple human remains, our consultation budget may need an increase. In all cases where the budget's not-to-exceed ceilings are achieved, the City and BFSA will negotiate change orders to ensure the successful completion of the data recovery program. A list of contingencies and associated estimated costs (estimated at \$400,000.00) associated with those contingencies has been provided, and possible change orders would be based upon the contingency budget, if needed.

INVOICING:

The proposed mitigation program for the Citracado Parkway Extension Project will be conducted on a time-and-materials basis. A budget for the fieldwork, laboratory analysis, Native American monitoring, and reports has been provided; however, the actual cost of mitigation will be influenced by a number of factors, including intensity of archaeological deposits excavated, discoveries made, soil conditions, Native American issues, location of the hydro-screen, and weather. The hourly rates to be used for BFSA personnel for this project are provided below.

General Schedule of Hourly Rates

| <u>Individual/Position</u> | <u>Hourly Rates*</u> |
|---|----------------------|
| Brian F. Smith, Principal Consultant | \$150.00 |
| Senior Project Archaeologist | \$100.00 |
| Assistant Project Archaeologist | \$80.00 |
| Field Archaeologist — Crew Chief/Supervisor | \$65.00 |
| Archaeological Field Technician | \$50.00 |
| Archaeological Monitor | \$50.00 |
| Laboratory Supervisor | \$65.00 |
| Laboratory Assistant | \$50.00 |
| Faunal/Human Remains Specialist | \$60.00 |
| Graphics and Word Processing | \$50.00 |
| Native American Monitor | \$60.00** |

*All hourly rates include base salary and overhead.

** A 5% handling charge will be added to Native American monitoring invoices.

The reimbursable charges will include mileage, charged at \$0.50 per mile and report copy charges. Invoices will be submitted monthly on a time-and-material basis. BFSA will contract

directly with the San Luis Rey Band and the Kumeyaay Tribe and their invoices will be incorporated into our billing process. Invoices will be due and payable within 30 days of receipt.

If you have any questions about the scope or budget estimate for the data recovery program, please contact me.

Sincerely,



Brian F. Smith
BFS:ks



Brian F. Smith and Associates, Inc.

Archaeology / Biology / History / Paleontology / Air Quality / Traffic / Acoustics

Attachment B: BFSA Personnel List for the Citracado Extension Project

Data Recovery Program, Fall of 2012

The following personnel from BFSA will be assigned to the Citracado Project as the need requires.

| | |
|-----------------------|--|
| Brian Smith | Principal Investigator |
| Larry Pierson | Senior Archaeologist/ Project Manager/ Historian/ Author |
| Kyle M. Guerrero | CEQA/NEPA Project Manager |
| Tracy Stropes | Senior Project Archaeologist, Laboratory Director |
| Clarence Hoff | Chief Field Archaeologist |
| Jenni Kraft | Archaeologist, Faunal Analyst |
| Jeff Henry | Field Archaeologist |
| Mike Tyberg | Field Archaeologist |
| Anthony Cortez | Field Archaeologist |
| Charles Callahan | Field Archaeologist |
| Richard Savitch | Field Archaeologist |
| Matthew Smith | Field Archaeologist |
| Jason Collins | Field Archaeologist |
| Michelle Cortney | Field Archaeologist |
| Cheryle Hunt | Field Technician/ Laboratory Technician |
| Tracy Buday | Field Technician/ Laboratory Technician |
| Adrian Moreno | Field Archaeologist, Graphics/CADD/GIS Specialist |
| Leigh Kulbacki | Editor |
| Red Tail Monitoring | Native American Monitors |
| Saving Sacred Grounds | Native American Monitors |

Note: Additional temporary field archaeologists may be hired to complete the excavation process and address the processing of artifacts from this site.



CITY COUNCIL

For City Clerk's Use:

APPROVED DENIED

Reso No. _____ File No. _____

Ord No. _____

Agenda Item No.: 8
Date: August 1, 2012

TO: Honorable Mayor and Members of the City Council
FROM: Edward N. Domingue, Director of Engineering Services
SUBJECT: Consulting Agreement with AECOM - Citracado Parkway, Andreasen Drive to West Valley Parkway, Street Improvement Project

RECOMMENDATION:

It is requested that Council adopt Resolution No. 2012-115 approving a consulting agreement with AECOM in the amount of \$2,135,356 for the final design of the Citracado Parkway, Andreasen Drive to West Valley Parkway, Street Improvement Project. In addition, it is requested that Council authorize an additional \$68,445 for additional design services, should they be necessary.

FISCAL ANALYSIS:

The final design effort is fully funded in the current fiscal year. Funds totaling \$18.1 million are currently programmed for the project from traffic impact fees, Transnet funds, and a contribution from the Palomar-Pomerado Hospital District through a development agreement associated with the relocation of Palomar Hospital.

PREVIOUS ACTION:

City Council approved a consulting agreement with Boyle Engineering (now AECOM) on December 13, 2006, for preliminary engineering and environmental review.

City Council approved the specific alignment plan and certified the final environmental impact report for the project on April 18, 2012.

BACKGROUND:

The City solicited engineering design and environmental review services for this project late in 2006. Eight design firms were initially considered. Four of these were selected as finalists and, after detailed review of proposals and interviews, Boyle Engineering, now AECOM, was selected as the best qualified firm to perform the desired consulting services.

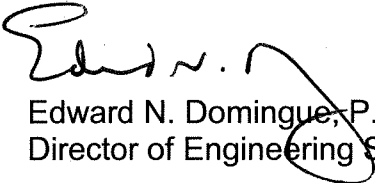
The final scope of services, proposal, and consulting fee for the final design effort was negotiated by AECOM and City staff. Staff has evaluated the final proposal and has determined the work effort and

proposed consulting fee to be consistent with other projects of similar size and complexity. Several design tasks have been excluded from the design contract to keep the design fee as low as possible. Additional tasks excluded are: support for section 106 permitting, lab and soil testing, design for sound walls that private property owners may decline, and preparation of conceptual restoration plans. The design fee proposal also includes a task to prepare water and reclaimed water relocation plans for Rincon del Diablo Municipal Water District. The City will be entering into a future reimbursement agreement for this portion of the design as well as construction of those facilities. Engineering will be returning to Council in a few months for approval of this agreement.

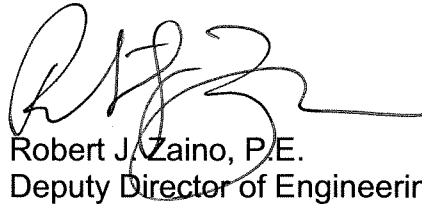
This project has numerous, difficult issues to be addressed in the final design. These include very significant bridge and wall structures, biological and cultural mitigation, arterial roadway design with several traffic signals, and utility relocations. Design is anticipated to be complete by Fall 2013 and construction should begin late 2013 or early 2014.

A separate consulting agreement has been negotiated with Brian F. Smith and Associates for the cultural resources mitigation and is being considered as a separate item on this agenda. Brian Smith prepared the initial cultural analysis and field surveys in support of the environmental review.

Respectfully submitted,



Edward N. Domingue, P.E.
Director of Engineering Services



Robert J. Zaino, P.E.
Deputy Director of Engineering Services

RESOLUTION NO. 2012-115

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF ESCONDIDO, CALIFORNIA, AUTHORIZING THE MAYOR AND CITY CLERK, TO EXECUTE, ON BEHALF OF THE CITY, A CONSULTING AGREEMENT WITH AECOM FOR FINAL DESIGN FOR THE CITRACADO PARKWAY, ANDREASEN DRIVE TO WEST VALLEY PARKWAY PROJECT

WHEREAS, AECOM completed the preliminary engineering, preparation of the Environmental Impact Report and specific alignment plan for the Citracado Parkway, Andreasen Drive to West Valley Parkway Project ("Project"); and

WHEREAS, On April 18, 2012, City Council approved the specific alignment plan and certified the Final Environmental Impact Report for the Project; and

WHEREAS, the Director of Engineering Services recommends the execution of a Consulting Agreement for the final design of the Project in the amount of \$2,135,356 and the approval of \$68,445 for additional services, should they be necessary; and

WHEREAS, this City Council desires at this time and deems it to be in the best public interest to approve said Consulting Agreement.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Escondido, California, as follows:

1. That the above recitations are true.
2. That the City Council accepts the recommendation of the Director of Engineering Services.

3. That the Mayor and City Clerk are authorized to execute, on behalf of the City, a Consulting Agreement ("Agreement") with AECOM for the final design for the Citracado Parkway, Andreasen Drive to West Valley Parkway Project. A copy of the Agreement is attached as Exhibit "1" and is incorporated by this reference



CITY OF ESCONDIDO
CONSULTING AGREEMENT FOR DESIGN PROFESSIONALS

This Agreement is made this _____ day of _____, 20__.

Between: CITY OF ESCONDIDO
a Municipal Corporation
201 N. Broadway
Escondido, California 92025
Attn: Robert Zaino
760-839-4001
("CITY")

And: AECOM
7807 Convoy Court, Suite 200
San Diego, CA 92111
Attn: Richard Leja
858-268-8080
("CONSULTANT")

Witness that whereas:

- A. It has been determined to be in the CITY's best interest to retain the professional services of a consultant to prepare final plans and specifications for the Citracado Parkway, Andreasen Drive to West Valley Parkway Project; and
- B. The CONSULTANT is considered competent to perform the necessary professional services for CITY;

NOW, THEREFORE, it is mutually agreed by and between CITY and CONSULTANT as follows:

- 1. Services. The CONSULTANT will furnish all of the services as described in "Attachment A" which is attached and incorporated by this reference.
- 2. Compensation. The CITY will pay the CONSULTANT in accordance with the conditions specified in "Attachment A," in the sum of \$2,135,356. Any breach of this Agreement will relieve CITY from the obligation to pay CONSULTANT, if CONSULTANT has not corrected the breach after CITY provides notice and a reasonable time to correct it.
- 3. Scope of Compensation. The CONSULTANT will be compensated for performance of tasks specified in "Attachment A" only. No compensation will be provided for any other tasks without specific prior written consent from the CITY.
- 4. Duties. CONSULTANT will be responsible for the professional quality, technical accuracy, timely completion, and coordination of all reports and other services furnished by the

CONSULTANT under this Agreement, except that the CONSULTANT will not be responsible for the accuracy of information supplied by the CITY. In the performance of its professional services, Consultant will use that degree of care and skill ordinarily exercised under similar conditions in similar localities and no other warranties, express or implied, are made or intended in any of Consultant's proposals, contracts or reports.

5. Personnel. The performance of services under this Agreement by certain professionals is significant to the CITY. CONSULTANT will assign the persons listed on "Attachment B," which is attached and incorporated by this reference, to perform the Services described in Paragraph 1, and will not add or remove persons from the list without the prior written consent of the CITY. CONSULTANT will not subcontract any tasks under this Agreement without obtaining the advance written consent of the CITY.
6. Termination. Either CONSULTANT or the CITY may terminate this Agreement with thirty (30) days advance written notice.
7. City Property. All original documents, drawings, electronic media, and other material prepared by CONSULTANT under this Agreement immediately becomes the exclusive property of the CITY, and may not be used by CONSULTANT for any other purpose without prior written consent of the CITY.
8. Reuse. Any reuse of Consultant's prepared Work as referenced above, except for the specific purposes intended hereunder, will be at City's sole risk and without liability or legal exposure to Consultant or its subconsultants.
9. Insurance.
 - a. The CONSULTANT shall secure and maintain at its own costs, for all operations, the following insurance coverage, unless reduced by the City Attorney:
 - (1) General liability insurance. Occurrence basis with minimum limits of \$1,000,000 each occurrence, \$2,000,000 General Aggregate, and \$1,000,000 Products/Completed Operations Aggregate; and
 - (2) Automobile liability insurance of \$1,000,000 combined single-limit per accident for bodily injury and property damage, unless waived as provided in 8(b) below; and
 - (3) Workers' compensation and employer's liability insurance as required by the California Labor Code, as amended, or certificate of sole proprietorship; and
 - (4) Errors and Omissions professional liability insurance with minimum coverage of \$1,000,000 per claim and in the annual aggregate.
 - b. It is the parties' understanding that the use of a motor vehicle is not a primary subject of this Agreement. CONSULTANT acknowledges that operating a motor vehicle is outside the scope of this Agreement and occurs only at the convenience of the CONSULTANT. A waiver of automobile liability insurance is only effective if both sets of initials appear below, otherwise such insurance is required.

Acknowledged by CONSULTANT _____

Waiver appropriate by CITY _____

- c. Each insurance policy required above must be acceptable to the City Attorney:
 - (1) Each policy must provide for written notice within no more than thirty (30) days if cancellation or termination of the policy occurs. Insurance coverage must be

provided by an A.M. Best's A- rated, class V carrier or better, admitted in California, or if non-admitted, a company that is not on the Department of Insurance list of unacceptable carriers.

- (2) All non-admitted carriers will be required to provide a service of suit endorsement in addition to the additional insured endorsement.
 - (3) Both the General Liability and the Automotive Liability policies must name the CITY specifically as an additional insured under the policy on a separate endorsement page. The endorsement must be ISO Form CG2010 11/85 edition or its equivalent for General Liability endorsements and CA 20-01 for Automobile Liability endorsements.
 - (4) The General Liability policy must include coverage for bodily injury and property damage arising from CONSULTANT's work including its ongoing operations and products-completed operations hazard.
 - (5) The General Liability policy must be primary and noncontributory and any insurance maintained by CITY is excess.
- d. In executing this Agreement, CONSULTANT agrees to have completed insurance documents on file with the CITY within fourteen (14) days after the date of execution. Failure to comply with insurance requirements under this Agreement will be a material breach of this Agreement, resulting in immediate termination at CITY's option.
10. Indemnification. CONSULTANT (which in this paragraph 9 includes its agents, employees and subcontractors, if any) agrees to indemnify, defend, and hold harmless the CITY from all claims, lawsuits, damages, judgments, loss, liability, or expenses, including attorneys' fees, for any of the following:
- a. Any claim of liability arising out of, pertaining to, or relating to the negligence, recklessness, or willful misconduct of CONSULTANT in the performance of this Agreement, excepting only those claims resulting from the active negligence or intentional misconduct of CITY, its employees, officials, or agents, not including CONSULTANT;
 - b. Any personal injuries, property damage or death that CONSULTANT may sustain while using CITY-controlled property or equipment, while participating in any activity sponsored by the CITY, or from any dangerous condition of property; or
 - c. Any injury or death which results or increases by any action taken to medically treat CONSULTANT;
 - d. Neither party to this Agreement shall be liable to the other party or any third party claiming through the other respective party, for any special, incidental, indirect, punitive, liquidated, delay or consequential damages of any kind including but not limited to lost profits or use of property, facilities or resources, that may result from this Agreement, or out of any goods or services furnished hereunder.
11. Anti-Assignment Clause. The CONSULTANT may not assign, delegate or transfer any interest or duty under this Agreement without advance written approval of the CITY, and any attempt to do so will immediately render this entire Agreement null and void.
12. Costs and Attorney's Fees. In the event that legal action is required to enforce the terms and conditions of this Agreement, the prevailing party will be entitled to reasonable attorneys' fees and costs.

13. Independent Contractor. CONSULTANT is an independent contractor and no agency or employment relationship, either express or implied, is created by the execution of this Agreement.
14. Merger Clause. This Agreement and its Attachments, if any, are the entire understanding of the parties, and there are no other terms or conditions, written or oral, controlling this matter. In the event of any conflict between the provisions of this Agreement and any of its Attachments, the provisions of this Agreement must prevail.
15. Anti-Waiver Clause. None of the provisions in this Agreement will be waived by CITY because of previous failure to insist upon strict performance, nor will any provision be waived by CITY because any other provision has been waived, in whole or in part.
16. Severability. The invalidity in whole or in part of any provision of this Agreement will not void or affect the validity of any other provisions of this Agreement.
17. Choice of Law. This Agreement is governed by the laws of the State of California. Venue for all actions arising from this Agreement must be exclusively in the state or federal courts located in San Diego County, California.
18. Multiple Copies of Agreement/Counterparts. Multiple copies and/or counterparts of this Agreement may be executed, including duplication by photocopy or by computerized scanning device. Each duplicate will be deemed an original with the same effect as if all the signatures were on the same instrument. However, the parties agree that the Agreement on file in the office of the Escondido City Clerk is the copy of the Agreement that shall take precedence should any differences exist among copies or counterparts of the document.
19. Provisions Cumulative. The foregoing provisions are cumulative and in addition to and not in limitation of any other rights or remedies available to the CITY.
20. Notices to Parties. Any statements, communications or notices to be provided pursuant to this Agreement must be sent to the attention of the persons indicated below. Each party agrees to promptly send notice of any changes of this information to the other party, at the address first above written.
21. Business License. The CONSULTANT is required to obtain a City of Escondido Business License prior to execution of this Agreement.
22. Compliance with Applicable Laws, Permits and Licenses. CONSULTANT shall keep itself informed of and comply with all applicable federal, state, and local laws, statutes, codes, ordinances, regulations, and rules in effect during the term of this Agreement. CONSULTANT shall obtain any and all licenses, permits, and authorizations necessary to perform services set forth in this Agreement. Neither CITY, nor any elected nor appointed boards, officers, officials, employees, or agents of CITY shall be liable, at law or in equity, as a result of any failure of CONSULTANT to comply with this section.
23. Immigration Reform and Control Act of 1986. CONSULTANT shall keep itself informed of and comply with the Immigration Reform and Control Act of 1986. CONSULTANT affirms that as an employer in the State of California, all new employees must produce proof of eligibility to work in the United States within the first three days of employment and that only employees legally eligible to work in the United States will be employed on this public project. CONSULTANT agrees to comply with such provisions before commencing and continuously throughout the performance of this Agreement.

IN WITNESS WHEREOF, the parties below are authorized to act on behalf of their organizations, and have executed this Agreement as of the date set forth below.

CITY OF ESCONDIDO

Date: _____

Sam Abed
Mayor

Date: _____

Diane Halverson
City Clerk

Date: _____

Richard Leja
Principal-in-Charge

(The above signature must be notarized)

APPROVED AS TO FORM:

OFFICE OF THE CITY ATTORNEY
JEFFREY R. EPP, City Attorney

By: _____

THE CITY OF ESCONDIDO DOES NOT DISCRIMINATE AGAINST QUALIFIED PERSONS WITH DISABILITIES.

AECOM
7807 Convoy Court, Suite 200, San Diego, CA 92111
T 858.268.8080 www.aecom.com

July 19, 2012

Mr. Robert Zaino, P.E.
Deputy Director of Public Works
City of Escondido
Public Works Department, Engineering Division
201 North Broadway
Escondido, CA 92025

Proposal for Final Design Services – Citracado Parkway, Andreasen Drive to West Valley Parkway

Dear Mr. Zaino:

Attached please find our proposed scope, schedule, and budget to provide final design services for the planned improvements to Citracado Parkway between Andreasen Drive and West Valley Parkway (project).

The City of Escondido (City) has certified the project's EIR and the corresponding Statement of Overriding Considerations. The City has requested that AECOM provide a proposal to develop construction documents for the project's final design phase. Following this letter is our proposal to provide these services to the City.

The majority of the final design services are proposed to be provided by AECOM, primarily from our offices in Kearny Mesa and downtown in San Diego County. The subconsultant team that we are proposing to assist with the final design phase, and their areas of expertise, are:

- **Aguirre & Associates** – Surveying and Right-of-Way Support
- **Earth Mechanics, Inc.** – Geotechnical Engineering
- **T.Y. Lin International** – Structures Independent Design Review

The following proposal includes several engineering and environmental services in addition to final design. A hydromodification plan study has been approved as an Amendment to the existing contract with AECOM. Results of the hydromodification plan study will be used in the development of the final design details. Environmental services included with the proposal consist of permitting support. While most environmental permitting tasks are covered under an existing agreement with the City, there are two new permitting elements proposed: 1) preparing a United States Army Corps of Engineers (USACE) Nationwide Permitting application; and 2) supporting Section 106 of the National Historic Preservation Act (NHPA) per USACE permitting requirements. Supporting Section 106 permitting has been proposed as an optional additional service with assistance by Brian F. Smith and Associates.

The final design services proposed include the coordination with a variety of agencies beyond the City. Specifically, the County of San Diego (County), San Diego Gas & Electric Company (SDG&E), and the Rincon del Diablo Municipal Water District (RdDMWD).

County coordination consists primarily of providing County staff with progress design plans for a courtesy review, addressing comments from the County (with City concurrence), and preparing an application for a County public improvement permit and grading permit.

SDG&E coordination consists of preparing correspondence to notify the utility owner of the project and monitoring their plans and schedule for the relocation of conflicting utilities. Most notable is a 69kV electric overhead transmission line that traverses the new road alignment. AECOM will prepare 69kV relocation concepts for SDG&E's consideration and their ultimate design responsibility.

RdDMWD services consist of preparing plans, specifications, and estimate to replace a 14" steel waterline that parallels the new road alignment. The design will be prepared to the specifications of RdDMWD and will require approval by the water district and the City.

Additionally, RdDMWD has requested a 12" reclaimed water line be installed in the proposed roadway to connect the existing system on both sides of the project.

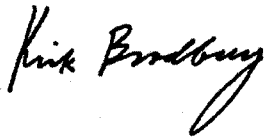
Coordination with other utility owners for communication and sewer facilities that may require relocation, per their design preparation, or protection in place during the construction contract is included within the proposal.

Please review the following proposal in detail and let us know if clarifications are needed. Included are the individual proposals by our team of subconsultants to share their understanding of the project, indicate their proposed budget by task and person, and to state their assumptions regarding their proposals.

We look forward to getting underway on the final design for the City's important Citracado Parkway project. We are dedicated to providing the resources needed to provide high quality services within the schedule and budget identified.

Please contact me regarding any project questions that you have, or if additional information would be helpful. Thank you.

Sincerely,



Kirk Bradbury, P.E.
Principal Engineer

Attachments:

Scope of Work Proposal, 7/19/12

Proposed Final Design Phase Budget, 7/19/12

Final Design Phase Schedule, 7/19/12

Aguirre & Associates, Survey Scope and Fee Breakdown, 3/1/12

Earth Mechanics, Inc, Scope and Cost for Geotechnical Engineering Design Services, 7/5/12

T. Y. Lin International, Scope of Services, Bridge and Walls Independent Check, 3/8/12

Brian F. Smith and Associates, Inc, Consulting Services for Section 106 Review of Citracado Parkway, 1/24/12

AECOM Design and Planning, Citracado Parkway Landscape Architecture Budget, 7/18/12

AECOM Design and Planning, Citracado Parkway Landscape Env. Protocol and Permitting Budget, 3/22/12

Scope of Work

Citracado Parkway – Andreasen Drive to West Valley Parkway

Final Design Services

Introduction

The City Council of Escondido, California has certified the Environmental Impact Report (EIR) for improvements to Citracado Parkway. Escondido (City) staff has requested a proposal from AECOM Technical Services, Inc. (AECOM) to prepare final design for many of the improvements identified within the EIR. Several environmental permitting tasks that had not been covered under previous authorizations are also included.

Presented below is the Scope of Work for AECOM and our team of subconsultants. Our team includes the following professional firms, shown below with their specialty area:

- Aguirre & Associates, Land Surveying
- Brian F. Smith & Associates, Section 106 Permitting Support
- Earth Mechanics, Inc., Geotechnical Engineering
- T. Y. Lin International, Structures Independent Design Check

Our estimated fee to perform this work and an accompanying project schedule can be found in subsequent sections of this Scope of Work.

Project Limits

The project is located within the City of Escondido and unincorporated areas of the County of San Diego. The southern project limit is located at the existing Citracado Parkway/West Valley Parkway intersection. The northern project limit is located at the existing Citracado Parkway/Andreasen Drive intersection. The western project limit will be located at the nearest connection between Citracado Parkway and existing Kauana Loa Drive/Harmony Grove Road using standard design geometry. The eastern project limit is where the existing Harmony Grove Road will be reconfigured as a cul-de-sac, immediately west of Pacific Oaks Place.

Project Description

The project is planned to improve Citracado Parkway to Major Road standards between West Valley Parkway and Avenida Del Diablo by narrowing the existing median to provide two additional travel lanes. From Avenida Del Diablo to Andreasen Drive, the project would construct a new road to Major Road standards, and construct a new bridge crossing of Escondido Creek. A large retaining wall is planned near the proposed intersection of Harmony Grove Village Boulevard and the HARRF access driveway. Harmony Grove Village Boulevard and the HARRF access driveway are expected to be designed by others. Standard Pacific Homes is designing and building a portion of Citracado Parkway from Avenida Del Diablo to Harmony Grove Village Boulevard. The HARRF access driveway will likely be incorporated into the Citracado Parkway project for the bidding and construction phase following design by City staff.

Scope of Work

Citracado Parkway – Andreasen Drive to West Valley Parkway

Final Design Services

Numerous existing utilities within the project limits will require relocation or protection in place. The EIR identifies nine individual sound walls including three sound walls to be placed on private property far removed from the road improvements. A soil nail retaining wall is proposed to protect significant cultural features east of Citracado Parkway and north of Avenida del Diablo. (Roadway and grading design of the HARRF access driveway, by others, will need to be complete prior to design of the soil nail retaining wall).

The project will include drainage improvements designed to address current storm water regulations to the maximum extent practicable. Planting and irrigation improvements will be implemented per elements defined in the EIR. Bridge and wall improvements will be implemented to include architectural elements in order to reduce visual impacts.

Scope of Work

The Scope of Work is generally limited to preparation of plans, specifications, and estimate (PS&E) for roadway improvement, including Hydromodification and drainage studies, and environmental permitting and mitigation work, including cultural resources data recovery.

Current Scope of Work tasks are organized into the following primary categories:

- Task 100 – Project Drainage Study
- Task 200 – Environmental Protocol Surveys and Permitting
- Task 300 – Geotechnical Engineering
- Task 400 – Survey Data for Design
- Task 500 – Civil Plans, Specifications, and Estimate
- Task 600 – Structures Plans and Specifications, and Estimate
- Task 700 – Landscape Architecture
- Task 800 – Utility Design and Coordination
- Task 900 – County of San Diego Coordination and Permitting
- Task 1000 – Project Management

Scope of Work

Citracado Parkway – Andreasen Drive to West Valley Parkway

Final Design Services

Scope of Work:

Task 100 – Hydromodification Plan Study Implementation and Project Drainage Study

101 – Conduct HMP Study Implementation Planning

AECOM will consider the results of the HMP Study and adjust preliminary engineering planning to accommodate the identified HMP facilities. Previous preliminary engineering planning, including the roadway profile grade and contour grading, had been developed in anticipation of a crowned roadway cross section. The HMP study may result in the identification of an inverted cross section, resulting in the need to revise the roadway profile and grading to closely approximate the project footprint per the EIR. The HMP Study Planning will result in the development of roadway typical sections, profile, and grading to verify there are no additional environmental impacts and allow quick transition to the development of construction drawings. **Deliverable: Roadway Typical Sections, Profile, and Grading Plan per HMP Study and Environmental Footprint.**

102 – Prepare Project Drainage Study

AECOM will prepare a project drainage study to determine the appropriate facilities to convey storm water runoff for both on-site and off-site watershed areas. The drainage study will begin with a field review of existing drainage features and obtain information regarding materials, condition, performance, and adequacy. Details of size, location, length, material type and condition of existing drainage structures will be noted during a field evaluation.

The project drainage study will develop a scheme and layout of drainage features (storm drainage systems, culverts, inlets, outlets, energy dissipaters, ditches, etc.). Hydrology and hydraulic computations will be developed in conformance with the San Diego County Hydrology Manual and City of Escondido Guidelines. **Deliverable: Draft (digital) and Final Project Drainage Study (3 hard copy).**

Task 200 – Environmental Protocol Surveys and Permitting

201 – Prepare Biological Protocol Surveys Reports

Due to the critical schedule for conducting field surveys, surveys for San Diego Ambrosia and burrowing owl were authorized under the Citracado Parkway Project Preliminary Engineering and Environmental Contract. No report preparation was included in that scope of work for these two species. This task includes preparation of a brief letter report for each species to be sent to the wildlife agencies to support Section 7 consultation. A draft and final of each report will be provided to the City. Draft documents will be submitted digitally. Up to 3 hard copies of final reports will be provided. **Deliverables: Draft (digital) and Final Survey Reports (3 hard copy) for San Diego Ambrosia and Burrowing Owl.**

Scope of Work

Citracado Parkway – Andreasen Drive to West Valley Parkway

Final Design Services

202 – Prepare USACE Nationwide Permit Application

During the project development process, it appeared that impacts to United States Army Corps of Engineers (USACE) jurisdictional waters could be avoided with project implementation. However, with completion of the Jurisdictional Delineation Letter Report, it is evident that all impacts cannot be avoided. The USACE Nationwide Permit was removed from the scope and budget during a previous contract modification (Amendment #2). At this time we request to include this permit in the project scope. It is anticipated that USACE will recommend authorizing this project under the Clean Water Act Section 404 Nationwide Permit Program, specifically NWP 14 for linear transportation projects. AECOM will prepare a draft and final Nationwide Permit Pre-Construction Notification Package. Attachments will include, but are not limited to, the jurisdictional delineation report, mitigation plan, and project description. In addition, AECOM will assist the City in attaining the NWP. Assistance is anticipated to include up to 9 months of agency coordination, with approximately 8 hours per month dedicated to responding to agency inquiries.

These Nationwide Permits are currently up for renewal, and while changes to NWP 14 are not anticipated, based on review of the Corps Public Notice, they are possible. The new Nationwide Permit Program is expected to be in place in March 2012. Should changes occur to NWP 14, or the Corps uses their discretion to require an Individual Permit, additional funds may be required to support the City on this permit. **Deliverable: Draft (digital) and Final USACE Nationwide Permit Application (2 hard copy).**

203 – Provide Mitigation Planning

While mitigation planning was included as part of the original scope of work, there have been substantial changes and updates in mitigation regulations and requirements since that time. In 2008, USACE issued revised regulations governing compensatory mitigation for authorized impacts to wetlands, streams, and other waters of the U.S. under Section 404 of the Clean Water Act. Of specific importance to the City and this project is the requirement for additional long-term planning (after 5 years) and the financial assurances now required for near- and long-term site stewardship. AECOM is already tasked with preparation of a conceptual mitigation plan. Additional components of the mitigation plan that were not anticipated at the time of the original contract will include preparation of a long-term management plan and California Rapid Assessment Method analysis.

Long-Term Management Plan. AECOM will prepare a succinct Long-Term Management Plan for the adjacent off-site mitigation location. The Long-Term Management Plan will address maintenance and monitoring of the site after the 5-year success criteria are met. The Long-Term Management Plan will be developed in coordination with City Utilities and Planning Departments. The Long-Term Management Plan will become an appendix to the Conceptual Mitigation Plan. It is anticipated that the plan will be a maximum of 10 pages. **Deliverable: Draft (digital) and Final Long Term Management Plan (2 hard copy).**

California Rapid Assessment Method. AECOM assumes that California Rapid Assessment Method (CRAM) evaluation of the mitigation site as it proceeds through its maintenance and monitoring period will be required by agencies. CRAM is a standardized, cost-effective tool for

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assessing the health of wetlands and riparian habitats and can be used to assess the performance of compensatory mitigation projects and restoration projects. This evaluation tool was not available or required by the agencies when the original mitigation plan was scoped. AECOM will identify reference sites during initial plan fieldwork and include CRAM analysis of two reference sites as part of the preparation of the initial draft conceptual mitigation plan. By including this effort at this time, AECOM will prevent any potential schedule delays and will also minimize costs by conducting the assessments during initial plan preparation fieldwork. **Deliverable: Draft (digital) and Final California Rapid Assessment Method (CRAM) Evaluation (2 hard copy).**

204 – Provide MMRP Support

AECOM environmental planning staff will assist the City in reviewing project plans for concurrence with the mitigation monitoring and reporting program (MMRP) requirements for noise and biological resources. In addition, AECOM will include copies of all final permits and the MMRP in the bid package. AECOM assumes only minimal support will be necessary under this task, and provides up to 24 hours of staff time (for planner or noise specialist) for this task. **Deliverable: None.**

Assumptions Used to Develop Task 200 Scope and Budget are:

- As a part of long-term management of a dedicated preserve or mitigation area, the resource agencies require that an appropriate management fund and mechanism (e.g., separate fund or endowment) be identified. Since it is assumed the City will work with the Corps on a long-term management fund agreement and mechanism, this scope does not include calculations and development of detailed long-term management costs (e.g., Property Analysis Record; PAR). AECOM is available to answer questions regarding long-term management and strategize with the City on funding options that will satisfy the Corps.
- Agencies will approve of mitigation location already selected (different agency representatives approved the site previously).
- All conservation deed restriction requirements, cost of endowment, and payment of all application fees are the responsibility of the City.
- If agencies require additional mitigation for loss of deed restricted mitigation area (outside of preservation credit at Daley Ranch), additional cost and scope may be required to locate that additional mitigation acreage.
- Access to the project site and surrounding buffer area will be arranged by the City of Escondido.
- Additional burrowing owl surveys (i.e., burrowing owl wintering surveys) are not included.
- Cost of active or passive relocation of burrowing owls is not included.
- No Biological Assessment/Biological Opinion will be required by USACE.
- USACE will prepare their own EA (AECOM will provide project description).

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- Nationwide Permit will be required by USACE.
- No additional meetings or field visits with the resource agencies.
- One pre-application meeting with the agencies previously conducted and no additional meetings or field visits.
- All conservation deed restriction requirements, cost of endowment, and payment of all application fees are the responsibility of the City.

Task 300 – Geotechnical Engineering

301 – Conduct Geotechnical Field Exploration

AECOM's subconsultant Earth Mechanics, Inc. (EMI) will perform a geotechnical field investigation consisting of a total of eight borings for the additional improvements; two borings where the sound wall was changed to a sound wall on a retaining wall, one boring at each private residence near the proposed sound walls (where access permits) and three borings along the layout line of the proposed soil nail wall. Each sound wall boring is proposed to be performed to a depth of up to 20 ft below grade and each soil nail wall is proposed to be performed from existing grade to a depth of 10 ft below the bottom of the wall footing. It is our understanding that there are no additional subsurface improvements such as drainage structures that require geotechnical recommendations proposed for the project.

Based upon the results of the initial field investigation for the bridge, we also recommend performing one additional boring at each bridge abutment. Hollow-stem auger borings performed during the initial investigation encountered refusal on bedrock between El. +583 and +598 ft. Preliminary analysis during bridge type selection indicates that small diameter CIDH piles will be required at the abutments and they will need to be embedded between 10 and 20 ft into the bedrock. In order to evaluate the rock strength for design and to provide the contractor with information about the rock strength to minimize the risk to the City to a change of condition/rock hardness claim during construction, samples of the rock should be recovered and tested. We propose to perform one rock core at each abutment location to recover samples of the rock to be returned to the lab for testing.

Subsurface soils and conditions will be logged and samples of soils will be collected for laboratory testing. Generally, a split-spoon sampler will be used at depth intervals of 5 feet, alternating between a California Drive sampler and a Standard Penetration Test (SPT) sampler, to collect relatively undisturbed ring samples and small disturbed samples. Rock cores will be recovered in 3 to 5 ft continuous core runs. **Deliverable: Log of Test Borings for Field Exploration.**

302 – Conduct Laboratory Soil Testing

The field boring logs will be reviewed to select representative soil samples for laboratory testing. Various laboratory tests will be performed on subsurface soil samples to determine or derive their physical and engineering characteristics. Anticipated tests include in-place moisture and density, grain size distribution, direct shear, soil corrosivity and unconfined compressive strength testing.

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Other tests may be necessary based on the soil types encountered in the borings. Laboratory tests will be conducted in general accordance with American Society of Testing and Materials (ASTM) standards or California Test Methods. **Deliverable: Laboratory Testing Results.**

303 – Provide Geotechnical Analyses

Results obtained from the previous and currently proposed field investigation and laboratory testing will be used to establish idealized soil profiles and soil strength parameters for analysis and design of the proposed bridge, soil nail wall, sound wall foundations and structural pavement sections. Design and construction recommendations for the bridge will be based on AASHTO LRFD Bridge Design Specifications (2010) with Caltrans amendments. Seismic design of the bridge will follow the Caltrans Seismic Design Criteria (SDC, 2010). Structural pavement sections will be designed in accordance with the Caltrans Highway Design Manual (Caltrans, 2008). **Deliverable: Draft and Final Structure Foundation Report, Draft and Final Geotechnical Design Report.**

Assumptions Used to Develop Task 300 Scope and Budget are:

- Geotechnical work for the sound walls at the three private residences is difficult to predict due to the potential inability for access to conduct borings or the owner's willingness to accept a sound wall. Therefore, borings/laboratory testing and geotechnical analysis at the private residences has been included as Additional Services on the proposed budget.

Task 400 – Survey Data for Design

401 – Provide Survey Data for Design

AECOM's subconsultant Aguirre & Associates will provide supplementary ground shots, cross-sections, and overhead utility conductor shots to provide additional details to assist with the final design effort. The expected survey location shots and locations of the survey work is shown below:

1. Supplemental Ground Control
2. Run Levels Through Control
3. West Valley Parkway to Harmony Grove Boulevard
 - a. 50' cross sections
 - b. OG shots for sound walls
 - c. TS and BS for slopes
 - d. Storm drain dips and details
 - e. Visible above ground utilities
 - f. 50' up and down intersecting streets
4. HARRF Access Driveway Supplemental Topographic Mapping

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5. Electrical Overhead Lines and Towers
6. Original Ground for Three Isolated Sound Walls
7. Harmony Grove Road at Harmony Grove Proposed Cul-de-sac
8. Citracado Parkway from Andreasen Drive to Southerly Edge
9. Harmony Grove Road to Kauana Loa Drive
10. Kauana Loa Drive to Edge of Mapping

Deliverable: Survey Notes and Survey Data in Three-Dimensional x, y, z Data Format.

402 – Provide Digital Plot Lines and Easements

AECOM's subconsultant Aguirre & Associates will provide plotting of existing right-of-way plot lines and easements, and prepare right-of-way documents. Following receipt of preliminary title reports, Aguirre will update the existing right-of-way base map (showing public right-of-way boundaries) by plotting individual plot lines between West Valley Parkway and Avenida del Diablo. **Deliverable: Digital Base Map with Plot Lines and Easements.**

403 – Prepare Right-of-Way Documents

AECOM's subconsultant Aguirre & Associates will prepare Right-of-Way documents. Plat and legal descriptions (approximately 26 total) will be prepared for temporary construction easements (TCEs), for dedication within APN 235-040-15, and for an open space easement for the cultural resources mitigation area. **Deliverable: Plat and Legal Descriptions for: TCEs, Dedication at One Parcel, and Mitigation Area Open Space Easement.**

Task 500 – Civil Plans, Specifications, and Estimate

501 – Prepare Civil Improvement Plans

AECOM will prepare civil design plans and submit the plans for review by the City at the 30%, 75%, 100%, and Final levels of completion. The 30% plans will include a portion of the total project civil sheets that would include title sheet, typical sections, geometric design with intersection and median configuration, and a profile. The 75% civil plans will include all required sheets prepared to a 75% level of completion. A SWPPP will not be prepared and will be the responsibility of the Contractor. Temporary water pollution control plans will be provide as a minimum level of required protection for the project site and will allow bidders a plan for bidding. Agency review comments would be addressed following each review period. Civil design plans are expected to consist of the following sheets (and number of sheets anticipated):

- Title Sheet (1)
- Key Map and Line Index (1)
- Typical Sections (2)
- Improvement Plan and Profile (6)
- Pavement Removal/Demolition Plan (2)

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- Construction Details (3)
- Grading and Drainage Plan (6)
- Drainage Profiles (6)
- Drainage Details (6)
- Grading Details (2)
- Stage Construction and Traffic Handling (Stage 1) (2)
- Stage Construction and Traffic Handling (Stage 2) (2)
- Stage Construction and Traffic Handling (Stage 3) (2)
- Pavement Delineation and Striping Plan (3)
- Temporary Water Pollution Control Plan (3)
- Temporary Water Pollution Control Details (2)
- Traffic Signal Plan (@ Shadow Hills Driveway) (1)
- Traffic Signal Plan (@ Harmony Grove Village Boulevard.) (1)
- Traffic Signal Plan (@ Harmony Grove Road) (1)
- Street Lighting Plan (5)
- Planting Plan (3)
- Planting Details (3)
- Irrigation Plan (3)
- Irrigation Details (3)

Deliverable: Civil design plans at 30%, 75%, 100%, and Final levels of completion.

502 – Prepare Civil Technical Specifications, Special Provisions, Bidding Documents

AECOM will prepare technical specifications and special provisions and provide them for review by the City at the 75% and 100% levels of completion. Technical specifications will be prepared in 'Greenbook' format. Special Provisions will be prepared using custom technical language prepared by AECOM and/or use of Special Provision language provided by City from similar projects. Bidding documents will be prepared by AECOM using template bidding documents provided by City and used on other similar City projects. Agency review comments would be addressed following each review period. **Deliverable: Civil Technical Specifications, Special Provisions, Bidding Documents at 75%, 100%, and Final levels of completion.**

503 – Prepare Engineer's Estimate of Cost

AECOM will prepare an engineer's estimate of construction costs for the Citracado Parkway construction bid package. Construction costs will be estimated by preparing quantity calculations for all bid items and applying unit costs to those items utilizing current bid history data. Available industry cost data trend information will be considered and factored within the estimated construction cost if applicable. Engineer's estimate of cost data will be presented in a bid item sheet format including final pay (F) and specialty pay (S) item designation as appropriate. Right-of-way acquisition costs are not expected to be estimated. Detailed back-up calculation data will be provided with the 100% and Final submittals. **Deliverable: Itemized Construction Cost Estimates at the 75%, 100%, and Final submittals.**

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504 – Update Base Files for Harmony Grove Village Boulevard Improvements

AECOM will review and update existing topographic mapping and planimetric based on the Harmony Grove Village (HGV) project constructing the portion of Citracado Parkway north of Avenida del Diablo to Harmony Grove Village Boulevard prior to Escondido constructing their project. Updating the digital terrain model will be included in this task.

505 – Storm Drain Design for Harmony Grove Village Boulevard Improvements

AECOM will review HGV’s storm drain design, drainage reports and calculations. AECOM will incorporate the proposed drainage conditions from HGV into the storm drain design for this project. Options will need to be looked at to allow the proposed HGV drainage to be maintained separately from this projects drainage.

506 – Determine Earthwork Quantities from Standard Pacific Homes

Standard Pacific Homes’ Harmony Grove Village project will be exporting earthwork for their project. The City has accepted the earthwork to be used as fill for this project. AECOM’s subconsultant Aguirre & Associates will provide one day of a survey crew time to measure the amount of fill placed by Standard Pacific Homes.

Task 600 – Structures Plans, Specifications, and Estimate

This task includes design and preparation of plans, specifications, and estimate for Citracado Parkway Bridge over Escondido Creek (separate Left and Right structures), one soil nail retaining wall, two cast-in-place concrete retaining walls, and eight sound walls. The general approximate characteristics of these structures are summarized below:

Bridges. Two parallel, 3-span structures approximately 450 ft long with cast-in-place post-tensioned box girder superstructures on single column bents. The design will be based on:

- The approved Type Selection Report dated August 2007.
- Updated Foundation Report and Geotechnical recommendations to be prepared as part of the current phase of work. Specific recommendations required include foundation type (piles or spread and type of piles, if recommended) and seismic design criteria.
- Structures Hydraulic Report that establishes the high water elevation underneath the bridges and freeboard requirements.
- It is expected that the specifications will be prepared in Greenbook format.

Retaining Walls. Three retaining walls are included in the scope as described below:

| <u>Retaining Wall Type</u> | <u>Approximate Length (feet)</u> | <u>Approximate Height (feet)</u> |
|------------------------------|----------------------------------|----------------------------------|
| Supporting SW3, CIP Concrete | 500 | 4 |

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| | | |
|------------------------------|-----|----|
| Supporting SW4, CIP Concrete | 300 | 4 |
| Mitigation Parcel, Soil Nail | 600 | 20 |

Sound Walls. Eight sound walls are included in the scope as summarized below. The walls were assumed to be concrete masonry block in the preliminary engineering performed to date. However, AECOM will investigate the use of other types of walls that might provide cost and other benefits to the City. Portions of Sound Walls 3 and 4 may need to be supported on retaining walls.

| <u>Sound Wall</u> | <u>Approximate Length (feet)</u> | <u>Approximate Height (feet)</u> |
|-------------------|----------------------------------|----------------------------------|
| SW1 | 420 | 10 |
| SW2 | 380 | 10 |
| SW3 | 1,005 | 8 |
| SW4 | 1,200 | 8 |
| SW5 | 815 | 8 |
| SW6 | 930 | 8 |
| SW7 | 133 | 6 |
| SW8 | 150 | 6 |

601 – Provide Structures Setup, Interdiscipline Coordination, QA/QC

AECOM will provide structures setup including assembling relevant documentation and design data, developing and coordinating the structures design team, and conducting field reviews and project meetings with civil design staff, geotechnical engineer staff, and City staff.

Interdisciplinary coordination will be conducted to allow all elements of the structures design to combine with civil and architectural design elements. Structure design inter-disciplinary coordination is expected to consist of the following:

- Architectural treatment concepts and details will be prepared by AECOM Landscape Architect and will be drafted and included in the respective plans as part of the Structures scope.
- Deck drain calculations and details are included. Overall drainage calculations and design will be performed by the drainage discipline.
- Design and details to accommodate Utilities in the bridge superstructure and measures to avoid impacts to the sewer outfall pipe near Abutment 1 will be coordinated.

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- Design of rock slope protection at abutments will be coordinated and shown on the bridge plans.
- The scope accounts for special design of cast-in-place concrete walls supporting sound walls as well as the soil nail wall to protect the Native American rock art. These activities also require coordination with a sound wall vendor (if a type other than masonry blocks is selected), environmental discipline, and the geotechnical engineer.

Quality Assurance/Quality Control (QA/QC) reviews will be conducted for all structures plans, specifications, and estimates developed for the project in accordance with AECOM, the City of Escondido, and industry standard.

602 – Prepare Draft Structures General Plans

AECOM will prepare Draft Structures General Plans for the Escondido Creek bridges, CIP concrete retaining walls, sound walls, and soil nail wall. The purpose of Draft Structures General Plans will be to confirm location, structure type, foundation type, and approximate dimensions for the individual structures. **Deliverable: Draft Structures General Plans submitted concurrent with the 30% civil plans.**

603 – Prepare Conceptual Architectural Treatments for Structures

AECOM will develop conceptual architectural treatments for bridges, retaining walls, and sound walls. Architectural treatment designs will focus on simple concepts that do not require extensive theming or complex patterning. A series of two (2) draft treatment concepts will be developed and presented to City Staff and the City's Appearance Committee. The concept graphics will rely upon graphic depictions of the structures and treatments, but do not include photosimulations of these elements in real world scenes. After receiving feedback from the City, AECOM will produce one (1) final architectural treatment approach. This will define the aesthetics of various architectural elements as the project progresses toward the Construction Document phase. **Deliverable: Two Draft Architectural Treatment Alternatives and One Final Concept Plan.**

604 – Prepare Draft Structures PS&E

AECOM will prepare Unchecked Details (60%) for City review. The work includes performing structural analyses and developing draft design details. The calculations will be produced so that another competent bridge engineer can verify the approach used and results obtained. At this stage, the design will be complete and details will be generated, but will remain unchecked. Unchecked Detail Cost Estimate and draft contract specification and Special Provisions will also be prepared at this time. The following Caltrans references are anticipated to be used:

- Bridge Design Specifications
- Bridge Design Aids

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- Bridge Design Memos to Designers
- Bridge Design Practice
- Bridge Design Details
- Seismic Design Criteria
- Standard Plans and Standard Specifications

Deliverable: Draft Structures PS&E.

605 – Prepare Intermediate Structures PS&E

Following the City review of Draft Structures PS&E (Unchecked Details), AECOM will prepare the Intermediate Structures PS&E (95%) which will include:

- Interdisciplinary review of plans
- Preparation of Working Day Schedule
- Incorporation of City comments
- Update of the PS&E to the Checked Details level for comments incorporation and resolution with the independent checker

Deliverable: Intermediate Structures PS&E.

606 – Prepare Final Structures PS&E

This task will include preparation of the final structures contract plans, specifications, and estimate for City approval. The submittal will incorporate review comments from City and the independent checker as well as any needed updates due to interdisciplinary review of the Intermediate PS&E. Additionally, the plans and specifications will be reviewed for constructability. Final plans, specifications, design calculations, and quantity calculations, properly bound, signed and sealed by the responsible engineer will be submitted to the City.

Deliverable: Final Structures PS&E

607 – Perform Independent Structures Check

AECOM subconsultant T.Y. Lin International (TYLI) will perform an independent check of the structures for the Citracado Parkway Bridge over Escondido Creek and adjacent walls. The structures check will include review of background and supporting information and two site visits for the independent checkers.

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Independent Check An independent check of the structures' layout and plans will be performed to confirm structural adequacy. This work will be done in accordance with the procedure outlined in Caltrans' Memo to Designers, Section 1-3, "Checking Procedure." The structures to be checked are: Citracado Parkway Bridge; Soil Nail Wall; Two Special Design Cast-in-Place Retaining Walls Supporting Sound Walls.

One coordination meeting will be attended to present results of the independent check to the design team. Coordination with the design team to resolve comments prior to initial submittal to review is included. **Deliverable: Results of Independent Check/Review Comments.**

Task 700 – Landscape Architecture

701 – Prepare Right-Of-Way Landscape Concept Design

AECOM will reevaluate the existing landscape concept design to identify opportunities to introduce stormwater treatment alternatives. This will include the exploration of bioswales, infiltration swales, and similar Low-Impact Development (LID) strategies that can be incorporated into the existing Right-Of-Way (ROW) concept design. Major modifications to the design layouts and concepts are not included in this scope of work.

The AECOM team will attend a kick-off meeting with the City and other appropriate members of the design team to establish program criteria, schedule, milestone dates and the construction budget for the site and landscape improvements.

AECOM will develop two (2) landscape concept alternatives illustrating various ways to integrate storm water treatment systems into the existing concept design. The concepts will be presented to the City staff for comment. After receiving feedback from the City, AECOM will produce one (1) final concept plan. The final landscape concept plan will be presented to the City for final approval and illustrate storm water treatment systems, a revised plant palette, and conceptual grading approach.

Two (2) meetings at the City of Escondido office are included during the Landscape Concept Design Phase. **Deliverable: Two Draft Landscape Architecture Alternatives and One Final Concept Plan.**

702 – Prepare Right-Of-Way Landscape and Irrigation Construction Documents

The AECOM team will provide landscape and irrigation construction documents based upon the approved preferred Landscape Concept Design. AECOM anticipates submitting landscape and irrigation construction documents at 75%, 100%, and Final milestones. Construction documents will consist of:

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Planting plans. Planting plans will indicate plant species, sizes, quantities and locations with notes, legends and detail reference call-outs, and installation details. **Deliverable: Planting Plans provided at 75%, 100%, and Final Milestones.**

Irrigation plans. Irrigation plans will be prepared which will incorporate current and proven technology and methods to produce an efficient and maintainable system. Plans will indicate sprinkler head layout, piping, valves, backflow prevention units, irrigation controller(s), control valves, sprinkler head layout and piping with notes, legends and detail reference call-outs, and construction details. Plans will also include water efficiency calculations. **Deliverable: Irrigation Plans provided at 75%, 100%, and Final Milestones.**

Specifications and cost estimates. Planting and irrigation specifications will be prepared in accordance with Greenbook Standard Specifications for Public Works Construction. AECOM's specifications will be provided in "ADD/DELETE" markup language, unless directed otherwise by the City. Cost estimates will be prepared at each delivery milestone reflecting a rough order of magnitude for construction. **Deliverable: Landscape and Irrigation Specifications provided at 75%, 100%, and Final Milestones.**

This task includes producing design solutions for restoration of 6.28 acres of temporary impact areas described in the EIR. Restoration plant palettes and construction plans will address restoration of open water, southern willow riparian forest, southern willow scrub, coast live oak woodland, coastal sage scrub, and nonnative grassland habitats. The restoration strategy will focus on blending the temporary impact areas with their natural surroundings. AECOM will not prepare a separate conceptual restoration plan for these restoration needs.

703 – Prepare Mitigation Construction Documents

AECOM will prepare a construction plan package consisting of drawings, specifications, and cost estimate for the proposed on-site restoration and mitigation areas. The construction plan package for these areas will be coordinated with and integrated into the construction plans for the ROW Landscape Plans. All plans will be prepared by AECOM's licensed landscape architect experienced in restoration plan preparation. Final (100%) plans will be signed and considered ready for bid.

The plans are anticipated to include the following components.

Grading and erosion-control plans. Minimal grading is anticipated to be necessary for the on-site wetland mitigation area. The grading plan sheets will show spot elevations, existing and proposed contours, and the limit of grading. Grading plans will also contain direction for clearing and grubbing of the site and show proposed restoration areas and existing areas to be protected in-place. Grading plans will be prepared to 1/10-foot precision. The erosion control plans will show the locations of soil stabilization measures employed post-construction for the mitigation site.

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Planting plans. Planting plan sheets will show the proposed planting and seeding, planting legend, and plant quantities, describing the size, type, and location of plant material (container plants and seed).

Irrigation plans. Irrigation plans will show the necessary components for a temporary automatic irrigation system for all restoration and mitigation areas. Plans will show point of connection (P.O.C.) information and the location, type, and size of mainlines, valves, lateral lines, heads, and all necessary supporting equipment.

Details. Plans will include details and notes required to adequately illustrate the intended design to contractors. Regional standard details will be used to the extent possible. AECOM's custom details for restoration projects will be used where regional details do not apply.

Specifications and cost estimates. Specifications will be prepared in accordance with 2009 Greenbook Standard Specifications for Public Works Construction. AECOM's specifications will be provided in "ADD/DELETE" markup language, unless directed otherwise by the City. All permit requirements from environmental permits acquired for the project will be compiled within the specifications. Cost estimates will be prepared at each delivery milestone reflecting a rough order of magnitude for construction.

Deliverable: Restoration and Mitigation Area Construction Drawings.

Assumptions Used to Develop Task 700 Scope and Budget are:

- Does not include water source development or design beyond the coordination and sizing of connection point locations using available flow and pressure information.
- Does not include electrical systems development or design beyond the coordination of the electrical service point for irrigation system using available capacity information.

Task 800 – Utility Design and Coordination

801 – Update Existing Utility Base Map

AECOM will obtain record drawings from utility companies and update the existing utilities base map with any changed information. Notification of the impending project will be provided to utility owners. The notification to utility owners will include a request for data related to the size and location of their facilities within the project limits. **Deliverable: Utility Record Drawings, Updated Utility Base Map Drawing.**

802 – Transmit Updated Utility Base Map to Utility Owners and Update Mapping

AECOM will provide the updated existing utilities base map to the pertinent utility owners for their review and comment, and to inform them of the project schedule. Utility mapping will be updated per utility provider commentary. **Deliverable: Updated Utility Base Map Drawing.**

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803 – Submit Design Plans to the Utility Companies and Identify Utility Conflicts

AECOM will submit 30% design drawings to the utility companies and identify potential conflicts with existing utilities. Subsequent design drawings (70% and 100%) will be provided to utility companies for review and comment. **Deliverable: Potential Utility Conflicts Memorandum.**

804 – Coordinate with Utility Owners for Distribution Facilities

AECOM will coordinate with the utility owners to discuss potential conflicts with existing utilities and to conduct planning for future utilities. A new bridge will be viewed as an opportunity for utility owners and their interest in placing new utilities within the bridge is expected. AECOM will obtain input from utility owners about expected relocation schedules, costs, and determination of liability (owner or project). AECOM will attend scheduled City-Utility Company Coordination meetings to help facilitate development of Utility Owner relocation designs for utilities in conflict with the project. AECOM will review Utility Owner relocation plans for conformance with project and will review any fees assessed to City for accuracy and implement cost reduction strategies, if warranted. **Deliverable: Utility Provider Correspondence.**

805 – Coordinate with Utility Owners for Transmission Facilities (69kV Electrical Transmission)

AECOM will coordinate with San Diego Gas & Electric Company (SDG&E) regarding the 69kV/12kV electrical transmission and distribution line that traverses the site. Issues regarding coordination include: 1) construction staging and the need to place large equipment (i.e. cranes, concrete pumps) in close proximity to the transmission towers and conductors; 2) the placement of approximately 20' of earth embankment near the tower at roadway centerline (station 51+50) and the resulting mitigation for any non-compliant or non-standard vertical clearance; and 3) protecting towers from errant vehicles if they are present in the clear recovery zone (20' from edge of traveled way) driving on Citracado Parkway.

Coordination with SDG&E will include the preparation of concepts by AECOM that address the issues listed above. SDG&E Electrical Transmission staff are expected to prepare final design drawings for all their temporary and permanent facilities. But in an effort to expedite the design process and identify the most cost-effective solutions, AECOM will develop concepts for discussion with SDG&E Electrical Transmission staff that support the City interests with regard to schedule and cost.

Utilizing the electrical overhead lines, pole locations, and other pertinent features shots by the project surveyor, AECOM will develop plan and profile drawings of the relocated 69kV/12kV conductors and other lower voltage and communication conductors on the relocated poles. The plan and profile drawings will be used to determine the pole height increases to meet minimum industry and CPUC GO95 clearance standards.

Per previous discussions with SDG&E, approval by their TCM group will be required for all project transmission facility adjustments, phasing, shutdowns, or relocations. A project presentation will be delivered by the project proponent to SDG&E. AECOM will prepare the presentation to be given to the SDG&E TCM group, arrange for a presentation date, attend the presentation, and follow-up on action items that result from the presentation. **Deliverables:**

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Relocation Concept Drawings, SDG&E Presentation Materials, Meeting Notes from SDG&E Discussions.

Assumptions Used to Develop Task 805 Scope and Budget are:

- Travel expenses will be invoiced at-cost for travel from within California to San Diego for a one-day, two-person field review, and two one-day meetings for one person with SDG&E.
- The existing conductor type and size will be the same as the relocated portion of line.
- Excluded are any transmission/distribution design north of Harmony Grove Road and south of the proposed bridge.
- Excluded is detailed design.

806 – Prepare Rincon del Diablo MWD Waterline Relocation PS&E

Rincon del Diablo MWD (RdDMWD) owns and operates an existing 14”/16” CML&C steel potable waterline under the proposed Citracado Parkway from Avenida Del Diablo to north of Escondido Creek, where the pipeline turns west. The waterline continues west and re-enters public right-of-way near the Harmony Grove Road/Kauana Loa Drive intersection. Near the Andreasen Drive/Citracado Parkway intersection, two ductile iron (DI) potable waterlines (12” and 24”) extend south and connect to an 18” DI potable waterline under Harmony Grove Road.

To facilitate maintenance, the 14”/16” CML&C steel potable waterline will be abandoned and a new 24” DI potable waterline will be constructed under the travel lanes between Harmony Grove Village Boulevard and the new Citracado Parkway/Harmony Grove Road intersection. From there, the relocated pipe will extend west to connect to the existing system near the existing Harmony Grove Road/Kauana Loa Drive intersection. The existing DI waterlines extending south from the Andreasen Drive/Citracado Parkway intersection to Harmony Grove Road will also be relocated to be within the new road. All hydraulic modeling needed for the relocated waterlines will be provided by RdDMWD. Included in the scope is upsizing the existing water lines to 24” DI as requested by RdDMWD.

Data Compilation. AECOM will compile and review available, pertinent information, such as utility as-builts and geotechnical information. Additional information that may be needed from the City or RdDMWD will be identified and coordinated to obtain the necessary information.

AECOM will perform a field walk to visually review existing conditions along the pipeline corridor. **Deliverable: Utility As-Built Drawings, Field Photographs.**

Preliminary Design Meeting and Technical Memorandum. AECOM will prepare for and meet with the City and RdDMWD to achieve consensus on the configuration of the relocated waterlines, including pipeline materials and sizes, connections to existing pipelines, valve locations, the bridge crossing, cathodic protection, and air valve and blow-off facilities. A brief Technical Memorandum summarizing the preliminary design will be prepared and submitted for review. **Deliverable: Waterline Relocation Technical Memorandum.**

Final Design. AECOM will prepare construction plans, technical specifications, and opinion of probable construction cost for the water line relocation. Following is an estimated list of the

Scope of Work

Citracado Parkway – Andreasen Drive to West Valley Parkway

Final Design Services

drawings and the estimated number of sheets (based on an assumed relocation configuration; the sheets may change depending upon actual requirements):

| <u>Drawing</u> | <u>Estimated Number of Sheets</u> |
|---|-----------------------------------|
| General Notes and Legend | 1 |
| Plan and Profile (1"=40') (Shared with Reclaimed Waterline Design) | 4 |
| Details | 4 |
| Cathodic Protection (Shared with Reclaimed Waterline Design) | 2 |
| Total Estimated Number of Sheets | 11 |

It is assumed that cathodic protection of the relocated pipeline will mirror existing cathodic protection measures currently in place for the existing pipeline, and no site specific cathodic protection evaluation will be required.

Technical specifications will be prepared in "Greenbook" format. Technical specifications will include Special Provisions that refer to the 2009 edition of the Standard Specifications for Public Works Construction. Existing RdDMWD and San Diego Regional standard drawings will be utilized where possible. Scanned copies of standard drawings will be provided on the detail sheets or referenced for contractor's use.

PS&E will be submitted to the City for progress review at the 30%, 75%, 100% and Final completion stage. Final mylars and specifications will be submitted to the City and RdDMWD for signature following incorporation of the 100% complete comments.

AECOM will meet with the City and RdDMWD to review comments on the 30%, 75%, and 100% design submittals. Meeting agenda and preparation and distribution of meeting notes is included. **Deliverable: RdDMWD PS&E at 30%, 75%, 100%, and Final Completion Stage.**

Potholing. AECOM will mark-up utility as-built sheets for approximately six (6) pothole locations. Vacuum excavation techniques will be utilized at each pothole location to measure top of pipeline coordinate and depths to identify connection points and subsurface utility conflicts. Location markers will be established at the pothole locations and surveyed. Services associated with potholing include traffic control, hole excavation and backfilling, pavement patching, and survey tie-in. **Deliverable: Pothole Cut Sheets, Survey Tie-In Data.**

807 – Prepare Rincon del Diablo MWD Reclaimed Waterline PS&E

RdDMWD owns and operates an existing 16" recycled waterline in Citracado Parkway which currently terminates near Andreasen Drive. Several proposed improvements are currently planned to augment RdDMWD's recycled water system in and around the project limits. Two notable projects, by others, include extending a 12" recycled waterline in West Citricado Parkway up to Avenida Del Diablo and extending the recycled waterline from Avenida Del Diablo to the proposed Village Drive respectively. As part of their vision for supplying recycled water,

Scope of Work

Citracado Parkway – Andreasen Drive to West Valley Parkway

Final Design Services

RdDMWD has elected to install approximately 2100 feet of 12” recycled water pipeline from the proposed Village Drive to Andreasen Drive to complete their proposed improvements and wishes to schedule the construction of said facilities at the same time the overall Citracado Parkway construction commences.

As part of the scope of services, a new 12” DI recycled waterline will be constructed under the travel lanes between Avenida Del Diablo and Andreasen Drive. All hydraulic modeling needed for the relocated waterlines will be provided by RdDMWD.

Data Compilation. AECOM will compile and review available, pertinent information, such as utility as-builts and geotechnical information. Additional information that may be needed from RdDMWD will be identified and coordinated to obtain the necessary information.

Preliminary Design Meeting and Technical Memorandum. AECOM will prepare for and meet with the City and RdDMWD to achieve consensus on the configuration of the proposed recycled waterline, including pipeline materials and sizes, connections to existing pipelines, valve locations, the bridge crossing, cathodic protection, and air valve and blow-off facilities. This meeting will be held at the same meeting for the waterline relocation. A brief Technical Memorandum summarizing the preliminary design will be prepared and submitted for review.

Deliverable: Recycled Waterline Technical Memorandum.

Final Design. AECOM will prepare construction plans, technical specifications, and opinion of probable construction cost for the recycled waterline. The recycled waterline will be shown on the same drawings as the potable waterline relocation. Following is an estimated list of additional drawings for the recycled waterline and the estimated number of sheets (based on an assumed alignment configuration; the sheets may change depending upon actual requirements):

| <u>Drawing</u> | <u>Estimated Number of Sheets</u> |
|---|-----------------------------------|
| General Notes and Legend | 1 |
| Plan and Profile (1”=40’) (Shared with Potable Waterline Design) | 4 |
| Details | 2 |
| Cathodic Protection (Shared with Potable Waterline Design) | 2 |
| Total Estimated Number of Sheets | 9 |

It is assumed that cathodic protection of the recycled waterline will emulate existing cathodic protection measures currently in place for the existing potable pipeline, and no site specific cathodic protection evaluation will be required.

Technical specifications will be prepared in “Greenbook” format. Technical specifications will include Special Provisions that refer to the 2009 edition of the Standard Specifications for Public Works Construction. Existing RdDMWD and San Diego Regional standard drawings will be

Scope of Work

Citracado Parkway – Andreasen Drive to West Valley Parkway

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utilized where possible. Scanned copies of standard drawings will be provided on the detail sheets or referenced for contractor's use.

PS&E will be submitted to the City for progress review at the 30%, 75%, 100% and Final completion stage. Final mylars and specifications will be submitted to the City and RdDMWD for signature following incorporation of the 100% complete comments.

AECOM will meet with the City and RdDMWD to review comments on the 30%, 75%, and 100% design submittals. Meeting agenda and preparation and distribution of meeting notes is included. **Deliverable: RdDMWD PS&E at 30%, 75%, 100%, and Final Completion Stage.**

Potholing. AECOM will mark-up utility as-built sheets for approximately six (6) pothole locations. Vacuum excavation techniques will be utilized at each pothole location to measure top of pipeline coordinate and depths to identify connection points and subsurface utility conflicts. Location markers will be established at the pothole locations and surveyed. Services associated with potholing include traffic control, hole excavation and backfilling, pavement patching, and survey tie-in. **Deliverable: Pothole Cut Sheets, Survey Tie-In Data.**

Task 900 – County of San Diego Coordination and Permitting

901 – Provide County of San Diego Coordination and Permitting

AECOM will coordinate with the County of San Diego to submit design plans for courtesy review and for improvement permits needed to construct the project within County jurisdiction. At this time, a grading permit is not anticipated for project areas within Citracado Parkway road right-of-way owned by the City and within County jurisdictional areas. A public improvement permit and grading permit is anticipated for public right-of-way areas now owned and maintained by the County of San Diego (Harmony Grove Road and Kauana Loa Drive). **Deliverables: County of San Diego Public Improvement Permit, Grading Permit.**

AECOM will provide project plan sheets to the County of San Diego and address their review comments prior to submitting applications for permits. All plan sheets will be presented on City of Escondido plan sheet borders with a County of San Diego signature approval box. AECOM will coordinate with the County of San Diego for plan sheet approval signatures prior to submitting Final plan sheets for bidding purposes to the City. **Deliverables: Plan Sheets with County of San Diego Signature Approval Boxes.**

902 – Support Habitat Loss Permit Processing

The project will need to obtain an exemption from a Habitat Loss Permit from the County of San Diego for impacts to coastal sage scrub (CSS) with roadway implementation. It is expected that the County will determine that this project qualifies for a de minimis exemption, based on the fact that it is under one acre of CSS, is unoccupied, and of low quality. AECOM has included up to 40 hours of staff time to be provided to assist the City in obtaining the exemption, which is anticipated to include preparation of a submittal package (including an application form for administrative permit [if necessary], project description, biological technical report, and gnatcatcher survey results), and additional phone/e-mail coordination.

Scope of Work

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Final Design Services

Task 1000 – Project Management

1001 – Develop and Maintain Project Workplan

AECOM will prepare and maintain a project workplan, describing the anticipated project work activities, project schedule, project resources, and budget details for the project. Included will be a list of key project elements and a description of their activities and importance. **Deliverable: Project Workplan.**

1002 – Provide Project Accounting and Invoicing

AECOM will provide project accounting and monthly invoicing conducted per the terms of the agreement between the City of Escondido and AECOM. Accounting will be performed within a system evaluated as acceptable per federal auditing standards. Subconsultant invoices will be processed by AECOM and included within monthly project invoicing to the City. **Deliverable: Monthly Invoicing for AECOM and subconsultants.**

1003 – Attend Regularly Scheduled Monthly Meetings with City

AECOM will organize and participate in Project Team meetings throughout the project design phase, expected to be 12 months. Project meeting tasks will include organizing meetings, developing agendas, sending invitations, chairing meetings, and developing draft and final meeting minutes for each meeting. Monthly meetings are expected with City Engineering staff, City Planning staff, County staff, and subconsultant staff as appropriate. **Deliverable: Meeting Agendas, Meeting Notes.**

1004 – Maintain Project Schedule and Provide Progress Reporting

AECOM will maintain a logic-based critical path method project schedule for work items with current project phase. The project schedule will be updated monthly, documenting actual start and finish dates and recording percent complete for individual tasks as progress is made. **Deliverable: Project Schedule, Updated Monthly.**

1005 – Contract and Manage Subconsultants

AECOM will provide subconsultant agreements with subconsultants, defining scope, schedule, and budget for their assigned tasks, and requiring adherence to terms of the agreement between the City of Escondido and AECOM. Subconsultants will be managed to keep them informed of key project decisions, milestone schedule deadlines, and other critical input to their effort. Quality review of their deliverables is covered within the specific scope of work task for each subconsultant. **Deliverable: Subconsultant agreements with subconsultants, defining scope, schedule, and budget.**

1006 – Develop and Monitor Risk Management Plan

AECOM will develop and monitor a risk management plan for identifying, analyzing, responding to, and monitoring project risk. Risks will be identified and a qualitative analysis of each risk will be conducted. The risks will be sorted into high, moderate, and low risk categories for each

Scope of Work

Citracado Parkway – Andreasen Drive to West Valley Parkway

Final Design Services

project objective (time, cost, scope). The risks will be ranked by degrees of probability and impact. This information is summarized in a Risk Management Plan and Risk Matrix.
Deliverable: Risk Management Plan and Risk Matrix.

1007 – Prepare and Execute QA/QC Plan

AECOM will prepare our standard QA/QC plan for the project. A formal Quality Control process will be undertaken for all deliverables prior to submittal for agency review. A quality control review of each alternative will be performed, and corrections made. **Deliverable: Standard QA/QC Plan and QA/QC Review Back-up.**

1008 – Provide Contract Bidding Support

AECOM will provide contract bidding support during the City's bidding of the Citracado Parkway construction project. Bidding support includes responding to bidders' inquiries, preparing bid addendums as required, and attending the pre-bid meeting.

General Assumptions Used to Develop Scope and Budget are:

- City will advertise the construction contract for bidding, arrange for the pre-bid meeting, distribute addendums if necessary, open bids, conduct bid analysis, and award the contract.
- Drawings will be prepared using Autocad and Civil3D engineering software at an appropriate scale (typically 1" = 40', or details at 1" = 20') on 24" x 36" or 22" x 34" sheets.
- Plan submittals will typically include overnight/courier delivery of up to two printed full-size copies of plan sheets, eight printed copies of plan sheets at half size, and four copies of specifications and cost estimates. Digital copies of plans, specifications, and cost estimates in both PDF and original format (Autocad and Microsoft Word/Excel) will be delivered via FTP or CD. Final drawings will be plotted on mylar and signed.
- All permitting and assessment fees will be paid by City.
- The project will be one continuous work effort and not separated into multiple bid packages or construction phases.
- AECOM will be provided with the City's current bid history to support preparation of the Engineer's Estimate of Cost. AECOM will use professional judgment to determine unit costs, which will be based on the best historical data available at the time of the estimate.
- Utility relocation design will be performed by the utility owner. AECOM will coordinate with the utility owner to discuss project engineering components, constraints, staging, schedules, etc. AECOM will incorporate plans and specifications provided by the utility owner into the project contract documents if requested by City.
- AECOM is anticipating one meeting per submittal with the City to discuss plan review comments and strategize solutions. AECOM is anticipating one written response to comments per submittal.

Scope of Work Citracado Parkway – Andreasen Drive to West Valley Parkway Final Design Services

- Coordination with Standard Pacific Homes will be done at regularly scheduled project meetings with the City.
- A SWPPP, if required, will be the responsibility of the construction Contractor.
- Preliminary Title Reports will be provided by the City
- Permission to access private property during the design phase will be facilitated by the City.
- CA Public Utilities permitting is not anticipated.
- Development of cost sharing or reimbursement agreements between the City and any outside entity is not included.
- Potholing is generally limited to twelve anticipated potholes to support potable waterline relocation design and reclaimed waterline design.
- Support to the City regarding an application to Local Agency Formation Commission (LAFCO) regarding annexation is not included.
- Work related to hazardous materials is excluded.
- Support to City regarding public outreach is not included.
- Construction administration is not included in this scope of work.

Additional Services:

1 – Support Section 106 Permitting

As an additional service to be authorized by the City, AECOM's subconsultant BFSa will be available to assist with the planned permitting with the USACE. The USACE will conduct a review of the project for the federal permits. These permits may trigger the review of cultural resources affected by the project under the requirements of Section 106 of the National Historic Preservation Act (NHPA). BFSa will provide the necessary consulting services to modify the cultural resources technical report for the Citracado Parkway project to reflect federal code and protocol, and conduct any necessary coordination with the USACE. **Deliverable: Modified Cultural Resources Technical Report (digital, 2 hard copy), if necessary.**

2 – Dentt Parcel Sound Wall

As an additional service to be authorized by the City, a sound wall will be designed for the existing Dentt Parcel. This property is planned for future development. The approximate sound wall dimensions are summarized below. The wall was assumed to be concrete masonry block in the preliminary engineering performed to date. However, AECOM will investigate the use of other types of walls that might provide cost and other benefits to the City.

Scope of Work Citracado Parkway – Andreasen Drive to West Valley Parkway Final Design Services

| <u>Sound Wall</u> | <u>Approximate Length (feet)</u> | <u>Approximate Height (feet)</u> |
|-------------------|----------------------------------|----------------------------------|
| SW9 | 142 | 12 |

Deliverable: Dentt Parcel Sound Wall Plans, Specifications, and Estimate.

3 – Prepare Conceptual Restoration Plan

If required by the resource agencies, AECOM will prepare a conceptual restoration plan for the 6.28 acres of temporary impacts described in the EIR. The plan will include specific restoration strategies for the following habitat types: open water, southern willow riparian forest, southern willow scrub, coast live oak woodland, coastal sage scrub, and nonnative grassland. The plan will include an additional restoration strategy for ornamental, disturbed, and eucalyptus woodland areas impacted by the project. These areas will be restored to nonnative grassland and/or oak woodland habitat at the discretion of AECOM's restoration ecologist. The overall restoration strategy will focus on blending the temporary impact areas with their natural surroundings. The conceptual restoration plan will provide native species planting palettes with planting and seeding rates and will also include requirements for site preparation, implementation strategies and specifications, maintenance and monitoring procedures, yearly success criteria, and remedial measures.

The conceptual upland and wetland restoration plan for temporary impacts will be separate from the conceptual wetland mitigation plan currently being prepared by AECOM, as regulatory requirements imposed on the offsite (HARRF) mitigation (e.g. CRAM and Long-term maintenance and monitoring) will not be applicable to the restoration areas. The restoration conceptual plan will provide a comprehensive view of proposed native habitat restoration required for the Citracado Parkway project. Hydrology studies, wetland delineations, and flood level analyses are not expected to be necessary to support this plan and are not included in this scope of work. **Deliverable: Draft and Final Conceptual Restoration Plan Document.**

4 – Boring and Laboratory Soil Testing for Sound Wall (SW7)

As an additional service to be authorized by the City, AECOM's subconsultant Earth Mechanics, Inc. (EMI) will perform a geotechnical field investigation consisting one boring at the private residence near the proposed sound wall, SW7. Each sound wall boring is proposed to be performed to a depth of up to 20 ft below. Laboratory soil testing will be done as outlined in Section 302 above. **Deliverable: Log of Test Boring for Field Exploration and Laboratory Testing Results.**

5 – Boring and Laboratory Soil Testing for Sound Wall (SW8)

As an additional service to be authorized by the City, AECOM's subconsultant Earth Mechanics, Inc. (EMI) will perform a geotechnical field investigation consisting one boring at the private residence near the proposed sound wall, SW8. Each sound wall boring is proposed to be performed to a depth of up to 20 ft below. Laboratory soil testing will be done as outlined in

Scope of Work Citracado Parkway – Andreasen Drive to West Valley Parkway Final Design Services

Section 302 above. **Deliverable: Log of Test Boring for Field Exploration and Laboratory Testing Results.**

6 – Boring and Laboratory Soil Testing for Sound Wall (SW9)

As an additional service to be authorized by the City, AECOM's subconsultant Earth Mechanics, Inc. (EMI) will perform a geotechnical field investigation consisting one boring at the private residence near the proposed sound wall, SW9. Each sound wall boring is proposed to be performed to a depth of up to 20 ft below. Laboratory soil testing will be done as outlined in Section 302 above. **Deliverable: Log of Test Boring for Field Exploration and Laboratory Testing Results.**

7 – Geotechnical Analyses for SW7

As an additional service to be authorized by the City, AECOM's subconsultant Earth Mechanics, Inc. (EMI) will perform a geotechnical analyses for results obtained from the previous and currently proposed field investigation and laboratory testing will be used to establish idealized soil profiles and soil strength parameters for analysis and design of the sound wall foundation for SW7. **Deliverable: SW7 Inclusion within the Draft and Final Structure Foundation Report.**

8 – Geotechnical Analyses for SW8

As an additional service to be authorized by the City, AECOM's subconsultant Earth Mechanics, Inc. (EMI) will perform a geotechnical analyses for results obtained from the previous and currently proposed field investigation and laboratory testing will be used to establish idealized soil profiles and soil strength parameters for analysis and design of the sound wall foundation for SW8. **Deliverable: SW8 Inclusion within the Draft and Final Structure Foundation Report.**

9 – Geotechnical Analyses for SW9

As an additional service to be authorized by the City, AECOM's subconsultant Earth Mechanics, Inc. (EMI) will perform a geotechnical analyses for results obtained from the previous and currently proposed field investigation and laboratory testing will be used to establish idealized soil profiles and soil strength parameters for analysis and design of the sound wall foundation for SW9. **Deliverable: SW9 Inclusion within the Draft and Final Structure Foundation Report.**

<END>

Proposed Final Design Phase Budget

Citricado Parkway
Andresen Drive to West Valley Parkway
Proposed Final Design Phase Contract

Table with columns: Task Description, AECOM Transportation, Budget, and Total. Rows include tasks like 'Task 100 - Hydrantification Plan Study and Project Drainage Study', 'Task 200 - Environmental Process Surveys and Permitting', 'Task 300 - Geotechnical Engineering', 'Task 400 - Survey Data for Utilities', 'Task 500 - Civil Plans, Specifications, and Estimate', 'Task 600 - Structures Plans, Specifications, and Estimate', 'Task 700 - Utility Design and Coordination', 'Task 800 - Project Management', 'Task 900 - County of San Diego Coordination and Permitting', 'Task 1000 - Project Management'. Subtotal and Total rows are also present.

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EXHIBIT 34 of 56
Page

Proposed Final Design Phase Budget

City of Escondido

| Task Description | AECOM Transportation | | | | | | | | | | | Budget | | | | | Total | | | | |
|---|----------------------|-----------------|------------------------------------|------------------|------------------|---------|---------------|----------|----------|--------------------|---------------|-------------|-----------|--|----------------------|------------------------------|-------|-----------------------|------------------------|-----------|-------------------|
| | Vice President/ P/C | Project Manager | Technical Group Leader (Specialty) | Project Engineer | Technical Leader | Planner | Engineer III+ | Engineer | Designer | Project Specialist | Project Admin | Total Hours | Labor | Other Direct Costs (Printing and Reproduction) | Acquire & Associates | Arthur F. Smith & Associates | | Keith Mechanics, Inc. | T.Y. Lin International | AECOM BAF | Total Subcontract |
| Additional Services | | | | | | | | | | | | | | | | | | | | | |
| 1 - Support Section 186 Permitting | | 2 | 1 | 1 | 2 | | 4 | 16 | | | 4 | 782 | | | | 4,500 | | | | | 4,500 |
| 2 - Draft Final Sound Wall Design (S1V3) | | | | | | | | | | | 30 | 3,843 | | | | | | | | | 3,843 |
| 3 - Prepare Conceptual Restoration Plan | | 4 | 1 | 2 | | | | | | | 10 | 1,300 | | | | | | | | | 50,440 |
| 4 - Borings and Laboratory Soil Testing for Sound Wall (S1V7) | | | | | | | | | | | | | | | | | | | | | 1,500 |
| 5 - Borings and Laboratory Soil Testing for Sound Wall (S1V8) | | | | | | | | | | | | | | | | | | | | | 1,500 |
| 6 - Borings and Laboratory Soil Testing for Sound Wall (S1V9) | | | | | | | | | | | | | | | | | | | | | 1,500 |
| 7 - Geotechnical Analyses for S1V7 | | | | | | | | | | | | | | | | | | | | | 1,000 |
| 8 - Geotechnical Analyses for S1V8 | | | | | | | | | | | | | | | | | | | | | 1,000 |
| 9 - Geotechnical Analyses for S1V9 | | | | | | | | | | | | | | | | | | | | | 1,000 |
| Subtotal | 48 | 982 | 873 | 1,088 | 166 | 414 | 1,228 | 3,223 | 3,710 | 88 | 218 | 12,628 | 1,625,506 | 30,218 | 57,460 | 4,500 | 2,500 | 5 | 50,440 | 62,400 | |
| Total | | | | | | | | | | | | | | | | | | | | | |

\$/HR
 Regional Consultant \$230.00
 Vice President/P/C \$223.00
 Project Manager \$212.00
 Technical Group Leader \$168.00
 Project Engineer \$173.00
 Technical Leader \$131.00
 Planner \$164.00
 Engineer III- \$116.00
 Engineer \$108.00
 Project Specialist \$108.00
 Project Admin \$45.00

| ID | Task Name | Duration | Start | Finish | Predecessors |
|----|---|----------|--------------|------------------|--------------|
| 1 | Receive Notice to Proceed for Final Design | 1 day | Thu 8/2/12 | Thu 8/2/12 | |
| 2 | Task 100 – Hydromodification Plan Study and Project Drainage Study | 28 days | Fri 8/3/12 | Tue 9/11/12 1 | |
| 3 | 101 - Conduct HMP Study Implementation Planning | 13 days | Fri 8/3/12 | Tue 8/21/12 | |
| 4 | Update Roadway Profile | 3 days | Mon 8/13/12 | Wed 8/15/12 | |
| 5 | Update Typical Cross-Sections | 3 days | Fri 8/3/12 | Tue 8/7/12 | |
| 6 | Update Grading | 4 days | Thu 8/16/12 | Tue 8/21/12 4,5 | |
| 7 | 102 - Prepare Project Drainage Study | 20 days | Wed 8/15/12 | Tue 9/11/12 | |
| 8 | Prepare Existing Culvert Profiles/Inlet Grades | 5 days | Wed 8/15/12 | Tue 8/21/12 4,7 | |
| 9 | Identify Watershed Areas | 5 days | Wed 8/22/12 | Tue 8/28/12 6 | |
| 10 | Evaluate Spreadwidths/Locate Inlets and Overside Drains | 10 days | Wed 8/29/12 | Tue 9/11/12 8,9 | |
| 11 | Size and Profile Culverts and Subdrains | 10 days | Wed 8/29/12 | Tue 9/11/12 10SS | |
| 12 | Task 200 – Environmental Protocol Surveys and Permitting | 208 days | Fri 8/3/12 | Tue 5/21/13 1 | |
| 13 | 201 - Prepare Biological Protocol Surveys Reports | 35 days | Fri 8/3/12 | Thu 9/20/12 | |
| 14 | Protocol Surveys Reports | 35 days | Fri 8/3/12 | Thu 9/20/12 | |
| 15 | Prepare Draft Burrowing Owl Protocol Surveys Report | 15 days | Fri 8/3/12 | Thu 8/23/12 | |
| 16 | City Review Draft Burrowing Owl Protocol Surveys Reports | 10 days | Fri 8/24/12 | Thu 9/6/12 15 | |
| 17 | Prepare Final Burrowing Owl Protocol Surveys Report | 10 days | Fri 9/7/12 | Thu 9/20/12 16 | |
| 18 | Prepare Draft San Diego Ambrosia Protocol Surveys Report | 15 days | Fri 8/3/12 | Thu 8/23/12 | |
| 19 | City Review Draft San Diego Ambrosia Protocol Surveys Reports | 10 days | Fri 8/24/12 | Thu 9/6/12 18 | |
| 20 | Prepare Final San Diego Ambrosia Protocol Surveys Report | 10 days | Fri 9/7/12 | Thu 9/20/12 19 | |
| 21 | 202 - Prepare USACE Nationwide Permit Application | 180 days | Fri 8/3/12 | Thu 4/11/13 | |
| 22 | Prepare USACE Nationwide Permit Application and Support City to Obtain Permit | 180 days | Fri 8/3/12 | Thu 4/11/13 1 | |
| 23 | 203 - Provide Mitigation Planning | 96 days | Fri 8/3/12 | Fri 4/11/13 | |
| 24 | Agencies Agree to Mitigation Site Locations and Ratios | 1 day | Fri 8/31/12 | Fri 8/31/12 | |
| 25 | Prepare Draft Long-Term Management Plan | 60 days | Mon 9/3/12 | Fri 11/23/12 24 | |
| 26 | City Review Draft Long-Term Management Plan | 15 days | Mon 11/26/12 | Fri 12/14/12 25 | |
| 27 | Prepare Final Long-Term Management Plan | 20 days | Mon 12/17/12 | Fri 1/11/13 26 | |
| 28 | Prepare Draft CA Rapid Assessment Method Evaluation | 60 days | Mon 9/3/12 | Fri 11/23/12 24 | |
| 29 | City Review Draft CA Rapid Assessment Method Evaluation | 15 days | Mon 11/26/12 | Fri 12/14/12 28 | |
| 30 | Prepare Final CA Rapid Assessment Method Evaluation | 20 days | Mon 12/17/12 | Fri 1/11/13 29 | |
| 31 | 204 - Provide MMRP Support | 165 days | Wed 10/3/12 | Tue 5/21/13 58FF | |

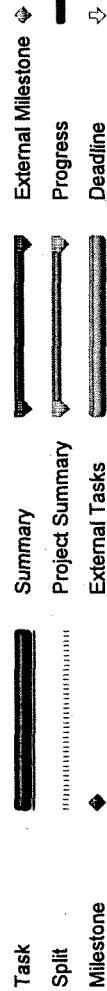
Project: Citracado Parkway Extension
 Final Design Phase Schedule
 Date: 7/19/12

Task Split Milestone

Summary Project Summary External Tasks

External Milestone Progress Deadline

| ID | Task Name | Duration | Start | Finish | Predecessors |
|----|---|----------|--------------|----------------------|--------------|
| 32 | Task 300 – Geotechnical Engineering | 105 days | Fri 8/3/12 | Thu 12/27/12 | |
| 33 | 301 - Conduct Geotechnical Field Exploration | 30 days | Fri 8/3/12 | Thu 9/13/12 | |
| 34 | Receive Permission from City to Access Private Property | 15 days | Fri 8/3/12 | Thu 8/23/12 1 | |
| 35 | Determine Approximate Sound Wall Locations at Off-Site Private Parcels | 5 days | Fri 8/24/12 | Thu 8/30/12 34 | |
| 36 | Mark Borings, Coordinate Utility Location and Perform Soils Investigation | 10 days | Fri 8/31/12 | Thu 9/13/12 35 | |
| 37 | 302 - Conduct Laboratory Soil Testing | 15 days | Fri 9/14/12 | Thu 10/4/12 | |
| 38 | Assign and Perform Laboratory Testing: | 15 days | Fri 9/14/12 | Thu 10/4/12 36 | |
| 39 | 303 - Provide Geotechnical Analysis | 60 days | Fri 10/5/12 | Thu 12/27/12 | |
| 40 | Conduct Geotechnical Analysis | 20 days | Fri 10/5/12 | Thu 11/1/12 38 | |
| 41 | Prepare Draft GDR and SFR | 20 days | Fri 11/2/12 | Thu 11/29/12 40 | |
| 42 | City Review Draft GDR and SFR | 10 days | Fri 11/30/12 | Thu 12/13/12 41 | |
| 43 | Address Review Comments and Provide Final GDR and SFR | 10 days | Fri 12/14/12 | Thu 12/27/12 42 | |
| 44 | Task 400 – Survey Data for Design | 78 days | Fri 8/3/12 | Tue 11/20/12 | |
| 45 | 401 - Provide Survey Data for Design | 19 days | Fri 8/3/12 | Wed 8/29/12 | |
| 46 | Supplemental Ground Control/Run Levels | 3 days | Fri 8/3/12 | Tue 8/7/12 1 | |
| 47 | Design Survey W. Valley Parkway to Avenida del Diablo | 5 days | Wed 8/8/12 | Tue 8/14/12 46 | |
| 48 | HARRF Access Driveway Topographic Mapping | 2 days | Thu 8/23/12 | Fri 8/24/12 50 | |
| 49 | Electrical Overhead Lines and Towers | 3 days | Mon 8/27/12 | Wed 8/29/12 48 | |
| 50 | OG for Three Isolated Soundwalls | 3 days | Mon 8/20/12 | Wed 8/22/12 52 | |
| 51 | Design Surveys for Cul-de-Sac | 3 days | Thu 8/23/12 | Mon 8/27/12 50 | |
| 52 | Design Surveys at Andreasen, HGR, Kauana Loa Drive | 3 days | Wed 8/15/12 | Fri 8/17/12 47 | |
| 53 | 402 - Provide Digital Plot Lines and Easements | 40 days | Fri 8/3/12 | Thu 9/27/12 | |
| 54 | Receive Preliminary Title Reports from City | 20 days | Fri 8/3/12 | Thu 8/30/12 1 | |
| 55 | Plot Existing Parcel and Plot Lines | 20 days | Fri 8/31/12 | Thu 9/27/12 54 | |
| 56 | 403 - Prepare Right-of-Way Documents (26 plat/legal descriptions) | 30 days | Wed 10/10/12 | Tue 11/20/12 | |
| 57 | Prepare Plat and Legal Descriptions for Right of Way Acquisitions | 30 days | Wed 10/10/12 | Tue 11/20/12 63SS,55 | |
| 58 | Task 500 – Civil Plans, Specifications, and Estimate | 197 days | Mon 8/20/12 | Tue 5/21/13 | |
| 59 | 501 - Prepare Civil Improvement Plans | 195 days | Wed 8/22/12 | Tue 5/21/13 | |
| 60 | 30% Plans | 50 days | Wed 8/22/12 | Tue 10/30/12 | |
| 61 | Prepare 30% Plans for Review (Including QC Review) | 35 days | Wed 8/22/12 | Tue 10/9/12 3 | |
| 62 | City Review 30% Plans | 15 days | Wed 10/10/12 | Tue 10/30/12 61 | |
| 63 | 75% Plans | 75 days | Wed 10/10/12 | Tue 1/22/13 | |



Project: Citracado Parkway Extension
 Final Design Phase Schedule
 Date: 7/19/12

| ID | Task Name | Duration | Start | Finish | Predecessors |
|---|---|--------------|----------------|------------------|--------------|
| 64 | Prepare 75% Plans for Review (Including QC Review) | 60 days | Wed 10/10/12 | Tue 1/1/13 61 | |
| 65 | City Review 75% Plans | 15 days | Wed 1/2/13 | Tue 1/22/13 64 | |
| 66 | 100% Plans | 75 days | Wed 1/2/13 | Tue 4/16/13 | |
| 67 | Prepare 100% Plans for Review (Including QC Review) | 60 days | Wed 1/2/13 | Tue 3/26/13 64 | |
| 68 | City Review 100% Plans | 15 days | Wed 3/27/13 | Tue 4/16/13 67 | |
| 69 | Final Plans | 25 days | Wed 4/17/13 | Tue 5/21/13 | |
| 70 | Prepare Final Plans for Bidding | 25 days | Wed 4/17/13 | Tue 5/21/13 68 | |
| 71 | 160 days | Wed 10/10/12 | Tue 5/21/13 | | |
| 502 - Prepare Civil Technical Specifications, Special Provisions, and Bid Docs | | | | | |
| 72 | 75% Specifications | 75 days | Wed 10/10/12 | Tue 1/22/13 | |
| 73 | Prepare 75% Specifications, Special Provisions, Bid Docs for Review | 60 days | Wed 10/10/12 | Tue 1/1/13 64FF | |
| 74 | City Review 75% Specifications, Special Provisions, Bid Docs | 15 days | Wed 1/2/13 | Tue 1/22/13 65FF | |
| 75 | 100% Specifications | 75 days | Wed 1/2/13 | Tue 4/16/13 | |
| 76 | Prepare 100% Specifications Special Provisions, Bid Docs for Review | 60 days | Wed 1/2/13 | Tue 3/26/13 67FF | |
| 77 | City Review 100% Specifications Special Provisions, Bid Docs for Review | 15 days | Wed 3/27/13 | Tue 4/16/13 68FF | |
| 78 | Final Specifications | 25 days | Wed 4/17/13 | Tue 5/21/13 | |
| 79 | Prepare Final Specifications Special Provisions, Bid Docs for Review | 25 days | Wed 4/17/13 | Tue 5/21/13 70FF | |
| 80 | 120 days | Wed 12/5/12 | Tue 5/21/13 | | |
| 503 - Prepare Engineer's Estimate of Cost | | | | | |
| 81 | 75% Engineer's Estimate of Cost | 35 days | Wed 12/5/12 | Tue 1/22/13 | |
| 82 | Prepare 75% Engineer's Estimate of Cost | 20 days | Wed 12/5/12 | Tue 1/1/13 64FF | |
| 83 | City Review 75% Engineer's Estimate of Cost | 15 days | Wed 1/2/13 | Tue 1/22/13 65FF | |
| 84 | 100% Engineer's Estimate of Cost | 30 days | Wed 3/5/13 | Tue 4/16/13 | |
| 85 | Prepare 100% Engineer's Estimate of Cost | 15 days | Wed 3/5/13 | Tue 3/26/13 67FF | |
| 86 | City Review 100% Engineer's Estimate of Cost | 15 days | Wed 3/27/13 | Tue 4/16/13 68FF | |
| 87 | Final Engineer's Estimate of Cost | 20 days | Wed 4/24/13 | Tue 5/21/13 | |
| 88 | Prepare Final Engineer's Estimate of Cost | 20 days | Wed 4/24/13 | Tue 5/21/13 70FF | |
| 89 | 10 days | Mon 8/20/12 | Fri 8/31/12 52 | | |
| 90 | 15 days | Wed 9/12/12 | Tue 10/2/12 7 | | |
| 504 - Update Base Files for Harmony Grove Village Boulevard Improvements | | | | | |
| 505 - Storm Drain Design for Harmony Grove Village Boulevard Improvements | | | | | |
| 506 - Determine Earthwork Quantities from Standard Pacific Homes | | | | | |
| 92 | 197 days | Mon 8/20/12 | Tue 5/21/13 | | |

Project: Citracado Parkway Extension
 Final Design Phase Schedule
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Task Summary
 Split Project Summary
 Milestone External Tasks

External Milestone
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| ID | Task Name | Duration | Start | Finish | Predecessors |
|-----|--|----------|--------------|----------------------------|--------------|
| 93 | 601 – Provide Structures Setup, Interdiscipline Coordination, QA/QC | 195 days | Mon 8/20/12 | Fri 5/17/13 58SS | |
| 94 | 602 – Prepare Draft Structures General Plans | 50 days | Wed 8/22/12 | Tue 10/30/12 | |
| 95 | Draft Structures General Plans | 50 days | Wed 8/22/12 | Tue 10/30/12 | |
| 96 | Prepare Updated Bridge General Plan | 35 days | Wed 8/22/12 | Tue 10/9/12 61FF | |
| 97 | Prepare Soil Nail Retaining Wall General Plan | 35 days | Wed 8/22/12 | Tue 10/9/12 61FF | |
| 98 | Prepare Sound Wall General Plans for Public ROW | 35 days | Wed 8/22/12 | Tue 10/9/12 61FF | |
| 99 | Prepare Sound Wall General Plans for Private ROW | 35 days | Wed 8/22/12 | Tue 10/9/12 61FF | |
| 100 | City Review Structures General Plans | 15 days | Wed 10/10/12 | Tue 10/30/12 62FF | |
| 101 | 603 - Prepare Conceptual Architectural Treatments for Structures | 15 days | Wed 10/10/12 | Tue 10/30/12 102SS | |
| 102 | 604 – Prepare Draft Structures PS&E | 75 days | Wed 10/10/12 | Tue 1/22/13 | |
| 103 | Draft Structures PS&E | 75 days | Wed 10/10/12 | Tue 1/22/13 | |
| 104 | Prepare Draft Structures PS&E | 60 days | Wed 10/10/12 | Tue 1/1/13 64SS | |
| 105 | City Review Draft Structures PS&E | 15 days | Wed 1/2/13 | Tue 1/22/13 104 | |
| 106 | 605 – Prepare Intermediate Structures PS&E | 75 days | Wed 1/2/13 | Tue 4/16/13 | |
| 107 | Prepare Intermediate Structures PS&E | 60 days | Wed 1/2/13 | Tue 3/26/13 67SS | |
| 108 | City Review Intermediate Structures | 15 days | Wed 3/27/13 | Tue 4/16/13 107 | |
| 109 | 606 – Prepare Final Structures PS&E | 25 days | Wed 4/17/13 | Tue 5/21/13 | |
| 110 | Prepare Final Structures PS&E | 25 days | Wed 4/17/13 | Tue 5/21/13 70SS | |
| 111 | 607 – Perform Independent Structures Check | 35 days | Wed 3/27/13 | Tue 5/14/13 | |
| 112 | Perform Independent Structures Check | 20 days | Wed 3/27/13 | Tue 4/23/13 107 | |
| 113 | City Review Independent Structures Check | 15 days | Wed 4/24/13 | Tue 5/14/13 112 | |
| 114 | Task 700 – Landscape Architecture | 195 days | Wed 8/22/12 | Tue 5/21/13 | |
| 115 | 701 – Prepare ROW Landscape Concept Design | 81 days | Wed 8/22/12 | Wed 12/12/12 | |
| 116 | Prepare Draft ROW Landscape Concept Design | 15 days | Wed 8/22/12 | Tue 9/11/12 3 | |
| 117 | City Review Draft ROW Landscape Concept Plan | 15 days | Wed 9/12/12 | Tue 10/2/12 116 | |
| 118 | Prepare Final ROW Landscape Concept Plan | 15 days | Wed 10/3/12 | Tue 10/23/12 117 | |
| 119 | City Review Final ROW Landscape Concept Plan | 15 days | Wed 10/24/12 | Tue 11/13/12 118 | |
| 120 | City Schedules Presentation to City's Appearance Review Committee | 5 days | Wed 11/14/12 | Tue 11/20/12 119 | |
| 121 | Conduct Presentation to City's Appearance Review Committee | 1 day | Wed 12/12/12 | Wed 12/12/12 120FS+15 days | |
| 122 | 702 – Prepare ROW Landscape and Irrigation Construction Documents | 114 days | Thu 12/13/12 | Tue 5/21/13 | |

Project: Citracado Parkway Extension
 Final Design Phase Schedule
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Task Summary External Milestone Progress Deadline

Task Split Milestone

Summary Project Summary External Tasks

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| ID | Task Name | Duration | Start | Finish | Predecessors |
|-----|--|----------|--------------|--------------|---------------|
| 123 | Prepare 75% ROW Landscape and Irrigation PS&E | 40 days | Thu 12/13/12 | Wed 2/6/13 | 64FF, 121 |
| 124 | City Review 75% ROW Landscape and Irrigation PS&E | 15 days | Thu 2/7/13 | Wed 2/27/13 | 65FF, 123 |
| 125 | Prepare 100% ROW Landscape and Irrigation PS&E | 25 days | Thu 2/28/13 | Wed 4/3/13 | 67FF, 124 |
| 126 | City Review 100% ROW Landscape and Irrigation PS&E | 15 days | Thu 4/4/13 | Wed 4/24/13 | 68FF, 125 |
| 127 | Prepare Final ROW Landscape and Irrigation PS&E | 15 days | Wed 5/1/13 | Tue 5/21/13 | 69FF, 126 |
| 128 | 703 - Prepare Mitigation Construction Documents | 115 days | Mon 9/3/12 | Fri 2/8/13 | |
| 129 | Prepare 75% Mitigation Construction Documents | 45 days | Mon 9/3/12 | Fri 11/2/12 | 24 |
| 130 | City Review 75% Mitigation Construction Documents | 15 days | Mon 11/5/12 | Fri 11/23/12 | 129 |
| 131 | Prepare 100% Mitigation Construction Documents | 25 days | Mon 11/26/12 | Fri 12/28/12 | 130 |
| 132 | City Review 100% Mitigation Construction Documents | 15 days | Mon 12/31/12 | Fri 1/18/13 | 131 |
| 133 | Prepare Final Mitigation Construction Documents | 15 days | Mon 1/21/13 | Fri 2/8/13 | 132 |
| 134 | Task 800 - Utility Design and Coordination | 228 days | Fri 8/3/12 | Tue 6/18/13 | |
| 135 | 801 - Update Existing Utility Base Mapping | 35 days | Fri 8/3/12 | Thu 9/20/12 | |
| 136 | Notify Utility Owners and Request Current Facility Maps | 5 days | Fri 8/3/12 | Thu 8/9/12 | 1 |
| 137 | Obtain Record Drawings from Utility Companies | 20 days | Fri 8/10/12 | Thu 9/6/12 | 136 |
| 138 | Update Utility Base Map Drawing | 10 days | Fri 9/7/12 | Thu 9/20/12 | 137 |
| 139 | 802 - Transmit Updated Utility Base Map to Owners/Update Mapping | 30 days | Fri 9/21/12 | Thu 11/1/12 | |
| 140 | Provide Update Utility Base Map Drawing to Utility Companies | 5 days | Fri 9/21/12 | Thu 9/27/12 | 138 |
| 141 | Receive Comments from Utility Comments and Revise Utility Base Map Drawing | 25 days | Fri 9/28/12 | Thu 11/1/12 | 140 |
| 142 | 803 - Transmit Design Plans to Utility Companies and Identify Utility Conflicts | 108 days | Fri 11/2/12 | Tue 4/2/13 | |
| 143 | Submit 30% Design Drawings to Utility Companies | 5 days | Fri 11/2/12 | Thu 11/8/12 | 61, 141 |
| 144 | Submit 75% Design Drawings to Utility Companies | 5 days | Wed 1/2/13 | Tue 1/8/13 | 64 |
| 145 | Submit 100% Design Drawings to Utility Companies | 5 days | Wed 3/27/13 | Tue 4/2/13 | 67 |
| 146 | 804 - Coordinate with Utility Owners for Distribution Facilities | 5 days | Wed 2/6/13 | Tue 2/12/13 | |
| 147 | Discuss Utility Conflicts and New Utilities with Utility Companies | 5 days | Wed 2/6/13 | Tue 2/12/13 | 144FS+20 days |
| 148 | 805 - Coordinate with Utility Owners for Transmission Facilities (69kV) | 180 days | Wed 10/10/12 | Tue 6/18/13 | |
| 149 | Conduct Surveys to Establish 69kV/12kV Profile Drawings | 10 days | Wed 10/10/12 | Tue 10/23/12 | 61 |
| 150 | Prepare Concepts for Temporary/Permanent Relocations of 69kV/12kV | 20 days | Wed 10/24/12 | Tue 11/20/12 | 149 |
| 151 | Conduct Meeting with SDG&E Electrical Transmission Staff | 5 days | Wed 11/21/12 | Tue 11/27/12 | 150 |
| 152 | Incorporate Suggestions and Comments from SDG&E into Concept Planning | 20 days | Wed 11/28/12 | Tue 12/25/12 | 151 |

Project: Citracado Parkway Extension
 Final Design Phase Schedule
 Date: 7/19/12

Task Summary
 Split Project Summary
 Milestone External Tasks

External Milestone
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| ID | Task Name | Duration | Start | Finish | Predecessors |
|-----|--|----------|--------------|--------------|--------------|
| 153 | Conduct Meeting with SDG&E Electrical Transmission Staff | 5 days | Wed 12/26/12 | Tue 1/1/13 | 152 |
| 154 | Coordinate with SDG&E During their Design Process | 60 days | Wed 1/2/13 | Tue 3/26/13 | 153 |
| 155 | Conduct SDG&E Relocation Prior to Bridge/Road Construction | 60 days | Wed 3/27/13 | Tue 6/18/13 | 154 |
| 156 | 806 & 807 - Prepare Rincon del Diablo MWD Steel Waterline Relocation and Reclaimed Waterline PS&E | 195 days | Wed 8/22/12 | Tue 5/21/13 | |
| 157 | 30% Waterline Relocation and Reclaimed Waterline Plans | 50 days | Wed 8/22/12 | Tue 10/30/12 | |
| 158 | Prepare RdDMWD 30% Waterline Relocation and Reclaimed Waterline Plans | 35 days | Wed 8/22/12 | Tue 10/9/12 | 61FF |
| 159 | City and RdDMWD Review 30% Waterline Relocation and Reclaimed Waterline Plans | 15 days | Wed 10/10/12 | Tue 10/30/12 | 62FF |
| 160 | 75% Waterline Relocation and Reclaimed Waterline Plans | 75 days | Wed 10/10/12 | Tue 1/22/13 | |
| 161 | Prepare RdDMWD 75% Waterline Relocation and Reclaimed Waterline PS&E | 60 days | Wed 10/10/12 | Tue 1/1/13 | 64FF |
| 162 | City and RdDMWD Review 75% Waterline Relocation and Reclaimed WaterlinePS&E | 15 days | Wed 1/2/13 | Tue 1/22/13 | 65FF |
| 163 | 100% Waterline Relocation and Reclaimed Waterline Plans | 75 days | Wed 1/2/13 | Tue 4/16/13 | |
| 164 | Prepare RdDMWD 100% Waterline Relocation and Reclaimed Waterline PS&E | 60 days | Wed 1/2/13 | Tue 3/26/13 | 67FF |
| 165 | City and RdDMWD Review 100% Waterline Relocation and Reclaimed Waterline PS&E | 15 days | Wed 3/27/13 | Tue 4/16/13 | 68FF |
| 166 | Final Waterline Relocation and Reclaimed Waterline Plans | 25 days | Wed 4/17/13 | Tue 5/21/13 | |
| 167 | Prepare RdDMWD Final Waterline Relocation and Reclaimed Waterline PS&E | 25 days | Wed 4/17/13 | Tue 5/21/13 | 69FF |
| 168 | Task 900 – County of San Diego Coordination and Permitting | 212 days | Wed 10/10/12 | Thu 8/1/13 | |
| 169 | 901 - Provide County of San Diego Coordination and Permitting | 212 days | Wed 10/10/12 | Thu 8/1/13 | |
| 170 | Submit 30% Design Drawings to County | 5 days | Wed 10/10/12 | Tue 10/16/12 | 61 |
| 171 | Submit 75% Design Drawings to County | 5 days | Wed 1/2/13 | Tue 1/8/13 | 64 |
| 172 | Submit 100% Design Drawings to County | 5 days | Wed 3/27/13 | Tue 4/2/13 | 67 |
| 173 | Prepare and Submit Applications for Public Improvement Permit and Grading Permit | 15 days | Wed 4/3/13 | Tue 4/23/13 | 172 |
| 174 | County Reviews and Provide Comments on Applications for Public Improvements Permit and Grading Permit | 15 days | Wed 4/24/13 | Tue 5/14/13 | 173 |
| 175 | Address County Review Comments on Permit Applications | 5 days | Wed 5/15/13 | Tue 5/21/13 | 174 |
| 176 | Resubmit Permit Applications, County Reviews, and Provides Permit | 15 days | Wed 5/22/13 | Tue 6/11/13 | 175 |
| 177 | 902 - Support Habitat Loss Permit Processing | 196 days | Thu 11/1/12 | Thu 8/1/13 | |
| 178 | Task 1000 – Project Management | 233 days | Fri 9/21/12 | Tue 8/13/13 | |
| 179 | 1001 – Develop and Maintain Project Workplan | 225 days | Fri 9/21/12 | Thu 8/1/13 | 1 |
| 180 | 1002 – Provide Project Accounting and Invoicing | 225 days | Fri 9/21/12 | Thu 8/1/13 | 1 |

Project: Citracado Parkway Extension
 Final Design Phase Schedule
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Task Split Milestone

Summary Project Summary External Tasks

External Milestone Progress Deadline

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| ID | Task Name | Duration | Start | Finish | Predecessors |
|-----|--|----------|-------------|----------------|--------------|
| 181 | 1003 – Attend Regularly Scheduled Monthly Meetings with City | 225 days | Fri 9/21/12 | Thu 8/1/13 1 | |
| 182 | 1004 – Maintain Project Schedule and Provide Progress Reporting | 225 days | Fri 9/21/12 | Thu 8/1/13 1 | |
| 183 | 1005 – Contract and Manage Subconsultants | 225 days | Fri 9/21/12 | Thu 8/1/13 1 | |
| 184 | 1006 – Develop and Monitor Risk Management Plan | 225 days | Fri 9/21/12 | Thu 8/1/13 1 | |
| 185 | 1007 – Prepare and Execute QA/QC Plan | 225 days | Fri 9/21/12 | Thu 8/1/13 1 | |
| 186 | 1008 – Provide Contract Bidding Support | 60 days | Wed 5/22/13 | Tue 8/13/13 71 | |

Project: Citracado Parkway Extension
 Final Design Phase Schedule
 Date: 7/19/12

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Summary Project Summary External Tasks

External Milestone Progress Deadline



**Citracado Pkwy Final Design
Survey Scope and Fee Breakdown
March 1, 2012**

| | <u>PLS</u> | <u>LS</u> | <u>Tech</u> | <u>2-Man Crew</u> |
|--|------------|-----------|-------------|-----------------------|
| 1. Supplemental Ground Control | 1 | 2 | | 12 |
| 2. Run Levels Through Control | | 2 | | 9 |
| 3. W. Valley Pkwy to Avenida del Diablo | | 6 | | 32 |
| a. 50' cross sections | | | | |
| b. OG shots for sound walls | | | | |
| c. TS and BS for slopes | | | | |
| d. Storm drain dips and details | | | | |
| e. Visible above ground utilities | | | | |
| f. 50' up and down intersecting streets | | | | |
| 4. Harrf Access Driveway Supplemental Topo Mapping | | | 4 | 4 |
| 5. Electrical Overhead Lines and Towers | | 2 | | 12 |
| 6. OG For Three Isolated Sound Walls | | 1 | | 9 |
| 7. Harmony Grove at Proposed Cul-de-sac | | 1 | | 5 |
| 8. Citracado Pkwy from Andreason to Southerly Edge | | 1 | | 5 |
| 9. Harmony Grove to Kauana Loa | | 1 | | 6 |
| 10. Kauana Loa to Edge of Mapping | | 1 | | 6 |
| Total | 1 | 17 | 4 | 100 |

SUMMARY

| | | |
|--------------|------------------|--------------------|
| PLS | 1 Hr. @ \$150 | \$150.00 |
| LS | 17 Hrs. @ \$115 | 1,955.00 |
| Tech | 4 Hrs. @ \$80 | 320.00 |
| Crew | 100 Hrs. @ \$260 | <u>26,000.00</u> |
| Total | | \$28,425.00 |

Assumptions, Conditions, Limitations

1. Deliverables will be a .txt file for the survey points and pdf files for the dip details.
2. The locations for Item 6 above will be provided in the field by others.

Kirk,

Here are some cost figures for R/W documents:

1. Between W. Valley Pkwy and Avenida del Diablo
 - a. Plot lot lines - \$320
 - b. Plot existing easements within 10' of Citricado - \$320
 - c. Prepare legal/plat for new TCE - \$900 per owner (I count 20 assessor parcels)
2. Prepare legal/plat for dedication within APN 235-040-15 - \$900
3. Prepare legal/plat for open space easement - \$900

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Earth Mechanics, Inc.

Geotechnical & Earthquake Engineering

Resolution No. 2012-115
EXHIBIT 1
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MEMORANDUM

EMI Proposal No. P12-014

Date: July 5, 2012
To: Kirk Bradbury / AECOM
From: Eric Brown / Earth Mechanics, Inc. (EMI)
Subject: *Scope and Cost for Geotechnical Engineering Design Services
Citracado Parkway - Plans, Specifications and Estimates
City of Escondido, California*

Earth Mechanics, Inc. (EMI) is pleased to assist AECOM with the subject project by providing geotechnical engineering services through preparation of Plans, Specifications and Estimates (PS&E). The project involves extending Citracado Parkway between Avenida del Diablo and S. Andreasen Drive in the unincorporated community of Harmony Grove. The signature improvement for the project is a new bridge over Escondido Creek with associated roadway improvements consisting of a soil nail wall, multiple sound walls, earthwork, and pavement.

As part of the first phase of the project, EMI conducted a preliminary field investigation that included a total of 16 borings performed along existing Citracado Parkway and along the alignment of the proposed extension of Citracado Parkway between S. Avenida del Diablo and S. Andreasen Drive. The borings extended between 3 and 32 ft below existing grade and were located where the bridge, embankment, pavement and some of the proposed sound walls are located. Based upon the latest set of schematic drawings provided by AECOM, as a result of project development since the preliminary geotechnical investigation was completed, one of the sound walls has been revised to be a sound wall on a retaining wall, some additional soundwalls and a soil nail wall have been added to the project.

The scope of work and the associated cost estimate for geotechnical services to complete the project through PS&E including the additional improvements added to the project is presented below.

Additional Improvements

Based upon the updated project improvement drawings provided by AECOM on February 20, 2017, three additional sound walls and a soil nail wall have been added to the project. The three sound walls are located near private residences and the soil nail wall is located along the northern shoulder of the entrance road from Citracado Parkway to the Hale Avenue Resource Recovery Facility (HARRF). The sound wall that has been changed to be a sound wall on a retaining wall is located along the east side of Citracado Parkway near Yankee Court.

Geotechnical Field Exploration

EMI will perform a geotechnical field investigation consisting of a total of eight borings for the additional improvements; two borings where the sound wall was changed to a sound wall on a retaining wall, one boring at each private residence near the proposed sound walls (where access

permits) and three borings along the layout line of the proposed soil nail wall. Each sound wall boring is proposed to be performed to a depth of up to 20 ft below grade and each soil nail wall is proposed to be performed from existing grade to a depth of 10 ft below the bottom of the wall footing. It is our understanding that there are no additional subsurface improvements such as drainage structures that require geotechnical recommendations proposed for the project.

Based upon the results of the initial field investigation for the bridge, we also recommend performing one additional boring at each bridge abutment. Hollow-stem auger borings performed during the initial investigation encountered refusal on bedrock between El. +583 and +598 ft. Preliminary analysis during bridge type selection indicates that small diameter CIDH piles will be required at the abutments and they will need to be embedded between 10 and 20 ft into the bedrock. In order to evaluate the rock strength for design and to provide the contractor with information about the rock strength to minimize the risk for the City to a change of condition/rock hardness claim during construction, samples of the rock should be recovered and tested. We propose to perform one rock core at each abutment location to recover samples of the rock to be returned to the lab for testing.

Subsurface soils and conditions will be logged and samples of soils will be collected for laboratory testing. Generally, a split-spoon sampler will be used at depth intervals of 5 feet, alternating between a California Drive sampler and a Standard Penetration Test (SPT) sampler, to collect relatively undisturbed ring samples and small disturbed samples. Rock cores will be recovered in 3 to 5 ft continuous core runs.

Laboratory Soil Testing

The field boring logs will be reviewed to select representative soil samples for laboratory testing. Various laboratory tests will be performed on subsurface soil samples to determine or derive their physical and engineering characteristics. Anticipated tests include in-place moisture and density, grain size distribution, direct shear, soil corrosivity and unconfined compressive strength testing. Other tests may be necessary based on the soil types encountered in the borings. Laboratory tests will be conducted in general accordance with American Society of Testing and Materials (ASTM) standards or California Test Methods.

Geotechnical Analyses

Results obtained from the previous and currently proposed field investigation and laboratory testing will be used to establish idealized soil profiles and soil strength parameters for analysis and design of the proposed bridge, soil nail wall, sound wall foundations and structural pavement sections. Design and construction recommendations for the bridge will be based on AASHTO LRFD Bridge Design Specifications (2010) with Caltrans amendments. Seismic design of the bridge will follow the Caltrans Seismic Design Criteria (SDC, 2010). Structural pavement sections will be designed in accordance with the Caltrans Highway Design Manual (Caltrans, 2008).

Deliverables

EMI will prepare a structure Foundation Report that will include design and construction recommendations for the bridge foundation. The Foundation Report will include Log-of-Test-

Borings sheets in both electronic and hard-copy format and the report will be prepared in general accordance with Caltrans Foundation Report Preparation for Bridge Foundations (Caltrans, 2009) suitable for submittal to Caltrans for review.

EMI will prepare a separate Geotechnical Design Report (GDR) that will include design and construction recommendations for the roadway improvement portions of the project. The GDR will include earthwork and embankment recommendations, foundation recommendations for the proposed sound walls, and soil nail wall as well as structural pavement recommendations.

Schedule

The following is our anticipated schedule for the critical path items in the above described scope of work;

- (1) Secure encroachment permits: 2-4 weeks.
- (2) Mark borings, coordinate utility location and perform soils investigation: 2 weeks.
- (3) Assign and perform laboratory testing: 3 weeks.
- (4) Geotechnical analysis: 4 weeks.
- (5) Report preparation: 4 weeks.

Total time required from Notice to Proceed to completion of Preliminary Foundation Report: 15 to 17 weeks.

Cost Estimate

The estimated hours and costs shown in Table 1 is based on the scope of work described herein, our current fee schedule, and the assumptions listed below:

1. No restriction on day and time of field investigation.
2. No investigation of hazardous materials. If hazardous materials are encountered during the field exploration, EMI will immediately terminate work and notify AECOM.
3. Any special studies required for permitting (i.e. Environmental, Hydrology, Cultural, Archeological) are not considered part of EMI's scope of work and will need to be performed and paid for by others.
4. Encroachment agreements for private properties to be secured by AECOM.
5. Permit fees are not included.
6. City of Escondido will need to provide temporary storage for 55 gallon drums containing drill cuttings while contents are tested for proper disposal.

TABLE 1. COST ESTIMATE FOR PROPOSED GEOTECHNICAL SERVICES

| <i>TASK</i> | <i>Principal</i> | <i>Senior Engineer</i> | <i>Staff Engineer</i> | <i>Senior Technician</i> | <i>Clerical</i> | <i>Total Hours</i> | <i>Total Cost</i> |
|--|-------------------|------------------------|-----------------------|--------------------------|-----------------|--------------------|--------------------|
| Site Visit | 0 | 0 | 0 | 0 | 0 | 0 | \$ 0.00 |
| PFR | 0 | 0 | 0 | 0 | 0 | 0 | \$ 0.00 |
| Permitting, Field Investigation, Laboratory Soil Testing | 0 | 4 | 30 | 40 | 0 | 74 | \$7,010.00 |
| Analysis and Draft Reports | 4 | 40 | 160 | 0 | 1 | 205 | \$21,640.00 |
| Final Report | 2 | 10 | 20 | 0 | 1 | 33 | \$3,740.00 |
| Project Coordination/Meetings | 0 | 4 | 0 | 0 | 0 | 4 | \$ 560.00 |
| Total Hours | 6 | 58 | 210 | 40 | 2 | 316 | \$32,950.00 |
| Hourly Rate | \$200.00 | \$140.00 | \$95.00 | \$90.00 | \$40.00 | | |
| Subtotal | \$1,200.00 | \$8,120.00 | \$19,950.00 | \$3,600.00 | \$80.00 | | |
| OTHER COSTS | | | | | | | |
| Drill Rig Rental | | | | | | \$17,500 | |
| Drum Testing and Disposal | | | | | | \$1,500 | |
| Laboratory Soil Testing | | | | | | \$3,500 | |
| Reproduction & Shipping | | | | | | \$50 | |
| Total | | | | | | | \$55,500.00 |

Potential Scope Reduction – Sound Walls

It is our understanding that some if not all three of the sound walls and/or sound wall borings on the private properties may be eliminated from the project scope. In the event a sound wall is eliminated from the project scope, a reduction of \$2,500 per occurrence can be taken from the total contract amount. In the event the sound wall remains in the project but the boring cannot be performed, a reduction of \$1,500 per occurrence can be applied to the total contract amount.

Scope of Services

Citracado Parkway Bridge and Walls *Independent Check*

Prepared for:
AECOM

Prepared by:
T.Y. Lin International

March 8, 2012

Description of Work

T.Y. Lin International (TYLI) has been requested to perform an independent check of the structures for the Citracado Parkway Bridge over Escondido Creek and adjacent walls. The project is located in the City of Escondido.

Scope of Services

TYLI will perform the following tasks with a level of effort commensurate with that described in Exhibit "A," Level of Effort Estimate.

PHASE I - Independent Check for Initial Submittal

- 1.1 Review background and supporting information
- 1.2 Two (2) site visits for independent checkers
- 1.3 Perform an independent check of the structures' layout and plans to confirm structural adequacy. This work will be done in accordance with the procedure outlined in Caltrans' *Memo to Designers*, Section 1-3, "Checking Procedure." The structures to be checked include:
 - 1.3.1 Citracado Parkway Bridge
 - 1.3.2 Soil Nail Wall
 - 1.3.3 Two (2) Special Design Cast-in-Place Retaining Walls Supporting Sound Walls
- 1.4 Attend one (1) coordination meeting to present results of the independent check with the design team
- 1.5 Coordinate with design team and resolve comments prior to initial submittal to review agency
- 1.6 Project Management and Administration

PHASE II - Additional Independent Check for Final Submittal

- 2.1 Perform additional checking of the structures if re-design is necessary per comments by review agency
- 2.2 Attend one (1) coordination meeting to present results of the additional independent check with the design team

- 2.3 Provide final round of comments to the design team and resolve prior to final submittal to review agency
- 2.4 Project Management and Administration

Information Needed

- 1. Complete unchecked drawings for the bridge and walls per Item 1.3 above
- 2. Roadway geometrics and plans
- 3. Bridge Foundation Report
- 4. Bridge Type Selection Report
- 5. Aesthetic recommendations (if applicable)
- 6. Hydrologic studies for the bridge site (including water surface elevation flow rate, scour recommendations, and bank protection recommendations)
- 7. Environmental constraints summary
- 8. Bridge utility requests

Services not Included

The following services have not been included within the scope of this proposal:

- 1. Geologic investigations
- 2. Surveying and mapping
- 3. Environmental analyses, documentation, and permitting
- 4. Quantity take-offs and check quantity take-offs
- 5. Bridge specifications
- 6. Roadway geometric design
- 7. Redesign of structures per results of independent check
- 8. Grading plans
- 9. Utility coordination
- 10. Hydraulic analyses or reports (scour, etc.)
- 11. Support during construction
- 12. Volume reproduction and printing

Bridge Engineering Fees

For Phase I of the project, we propose to provide our services on a lump sum basis in the amount of \$59,650.

For Phase II of the project, we propose to provide our services on a time-and-materials basis with actual hours expended billed at our current billing rates. We estimate total charges for this phase will not exceed \$14,766.

2012 billing rates are shown in the attached Exhibit "A," Level of Effort Estimate. Work will not be performed in excess of our estimated fee without the client's written authorization. Hourly rates are subject to 4% annual escalation on January 1st. Charges for design services will be billed monthly based on expended hours and submitted with a progress report which will include the work performed, contract and schedule status, and anticipated work for the next period.

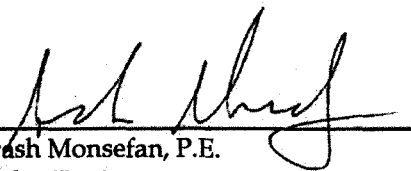
Schedule

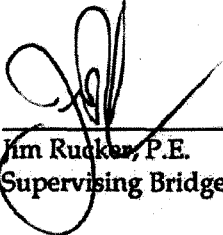
We anticipate a schedule of eight (8) weeks for Phase I to complete the independent check and provide plan mark-ups with an electronic comment log to the design team. Phase I of the schedule shall start after receiving a signed contract, notice-to-proceed, and the information required to perform the work outlined in this scope.

Following Phase I, we anticipate a schedule of three (3) weeks to complete Phase II and provide additional plan mark-ups with an electronic comment log to the design team, if necessary. Phase II of the schedule shall start after receiving a notice-to-proceed and any updated information on the materials provided to TYLI at Phase I.

We appreciate the opportunity to be of service on this project. Should you have any questions, please do not hesitate to contact the undersigned.

Sincerely,
T.Y. Lin International


Arash Monsefan, P.E.
Bridge Engineer


Jim Rucker, P.E.
Supervising Bridge Engineer

Citracado Parkway Bridge and Walls

Independent Check

Level of Effort Estimate

Consultant: TY Lin International
 Activity: Citracado Parkway Bridge and Wall Check

| Task | Description | Rate: | Estimated Labor Hours | | | | | Labor Totals | | |
|--|---------------------------------------|-------|---------------------------|------------------------|-----------------|---------------------------|----------------------------|---------------------------|-------|----------|
| | | | Principal Bridge Engineer | Senior Bridge Engineer | Bridge Engineer | Assistant Bridge Engineer | Structural Design Tech III | Structural Design Tech II | Hours | Amount |
| PHASE I - Independent Check | | | | | | | | | | |
| 1.1 | Review background information | | | | 8 | 16 | | | 24 | \$2,960 |
| 1.2 | Site Visit | | | | 4 | 4 | | | 8 | \$1,000 |
| 1.3 | Perform independent check | | | | | | | | | |
| 1.3.1 | Citracado Parkway Bridge | | | 200 | | | | | 200 | \$26,000 |
| 1.3.2 | Soil Nail Wall | | | 4 | 80 | | | | 84 | \$10,120 |
| 1.3.3 | Cast in Place Ret Walls & Sound Walls | | | 4 | 56 | | | | 60 | \$7,240 |
| 1.4 | Attend one (1) coordination meeting | | | 4 | 4 | | | | 8 | \$1,000 |
| 1.4 | Resolve comments | | | 24 | 24 | | | | 48 | \$6,000 |
| 1.5 | Project Management | | 25 | 19 | | | | | 44 | \$6,370 |
| Total Hours Phase I: | | | | 25 | 267 | 184 | | | 476 | |
| Subtotal: | | | | \$3,900 | \$34,710 | \$22,080 | | | | \$60,690 |
| PHASE II - Additional Independent Check | | | | | | | | | | |
| 2.1 | Perform additional independent check | | | | 32 | 32 | | | 64 | \$8,000 |
| 2.2 | Attend one (1) coordination meeting | | | 4 | 4 | | | | 8 | \$1,000 |
| 2.3 | Resolve comments | | | 16 | 16 | | | | 32 | \$4,000 |
| 2.4 | Project Management | | 6 | 6 | | | | | 12 | \$1,716 |
| Total Hours Phase II: | | | | 6 | 58 | 52 | | | 116 | |
| Subtotal: | | | | | \$7,540 | \$6,240 | | | | \$14,786 |

REIMBURSABLE EXPENSES

| | | | |
|-----------------------|---|---------------------|-------|
| Travel - Phase I & II | 2 | Trips @ \$0.80/mile | \$100 |
| Lodging/Meals | | Nights @ | |
| Plan Reproduction | | Prints @ | |
| Photocopies | | Copies @ | |
| Postage & Freight | | Each @ | |
| Other (Specify) | | @ | \$100 |

| | |
|-----------------------------------|----------|
| Phase I Subtotal + REIMBURSABLES | \$60,740 |
| Phase II Subtotal + REIMBURSABLES | \$14,786 |

SUBCONSULTANT SERVICES

| | |
|-----------------|--|
| Subconsultant 1 | |
| Subconsultant 2 | |
| Subconsultant 3 | |
| Subconsultant 4 | |
| Subconsultant 5 | |

Subtotal - SUBCONSULTANT SERVICES

| | |
|-----------------------------------|-----------------|
| TOTAL TY Lin International | \$75,506 |
|-----------------------------------|-----------------|



January 24, 2012

Kirk Bradbury
AECOM
7807 Convoy Court, Suite 200
San Diego, California 92111

RE: Change Order Request: Consulting Services for Section 106 Review of Citracado Parkway

Dear Kirk:

As part of the review of the Citracado Parkway Extension project for the City of Escondido, the Army Corps of Engineers (ACE) will conduct a review of the project for the federal permits required for the construction of the project. These permits will trigger the review of cultural resources affected by the project under the requirements of Section 106 of the NHPA. In order to provide AECOM with the necessary consulting services to modify our cultural resources technical report for the Citracado Parkway project to reflect federal code and protocol, and conduct any necessary coordination with the ACE, the following proposal has been prepared for your consideration.

Based upon our experience with the ACE and similar types of projects, the scope of work and corresponding budget estimates are provided below:

- Minor revisions to the technical report for ACE review: \$2,250.00
- Consultation with ACE (10hours @ \$150/hour for B. Smith): \$1,500.00
- Consultation with ACE (10hours @ \$75/hour for T. Stropes): \$750.00

The projected budget for ACE consultation is \$4,500.00. There is always a potential for the requirement for more extensive report changes or other considerations that are beyond the scope of this proposal. Much of what the ACE could require is dependent upon their definition of the Area of Potential Effect (APE) of this project. Under Section 106 guidelines, the ACE could require the evaluation of areas of archaeological sites that fall outside of the limits of disturbance considered for CEQA evaluations. Should the ACE request additional archaeological study that exceeds the current level of effort, a request for additional budget considerations will be made.

The Section 106 work will be invoiced on a time and materials basis under our current contract format with a not-to-exceed budget of \$4,500.00 . Please let me know your schedule for this task, and we will proceed accordingly.

Sincerely,

Brian F. Smith
BFS:ks

City of Escondido Citricado Parkway Landscape Architecture
 Submitted by: AECOM

| March 22, 2012 | | Task 1.4 | | Task 2.1 | | Task 2.2 | | Task 2.3 | |
|---|-----------|------------------------------------|--------------------|--------------------------------------|-------------------|-------------------|-------------------|--------------|-------------------|
| AECOM | | Long-Term Management Plan and CRAM | | Survey Reports for BUOW and Ambrosia | | Nationwide Permit | | MMRP Support | |
| AECOM | Rate | Hours | Costs | Hours | Costs | Hours | Costs | Hours | Costs |
| Principal I (John Bridges) | \$ 250.00 | 1 | \$250.00 | | | 2 | \$500.00 | | |
| Landscape Architect IV (Dick Rol) | \$ 150.00 | | | | | | | | |
| Environmental Engineer/Scientist III (Mark Williams) | \$ 185.00 | | | | | | | | |
| Environmental Engineer/Scientist II (Yvana Kuhns) | \$ 103.00 | | | | | | | | |
| Environmental Planner III (Michelle Fehrensén) | \$ 125.00 | 32 | \$4,000.00 | 4 | \$500.00 | 32 | \$4,000.00 | 24 | \$3,000.00 |
| Environmental Planner II (Shannon Fratone or TBD) | \$ 110.00 | | | | | 16 | \$1,760.00 | | |
| Landscape Architect III (JT Barr) | \$ 125.00 | | | | | | | | |
| Landscape Designer (David Norgard) | \$ 105.00 | | | | | | | | |
| Senior Biologist II (Jim Prime) | \$ 170.00 | | | | | | | | |
| Biologist III (Lindsay Teunis) | \$ 125.00 | 12 | \$1,500.00 | | | | | | |
| Biologist II (Brian Felten, Mike Anguiano) | \$ 105.00 | 60 | \$6,300.00 | 20 | \$2,100.00 | 24 | \$2,520.00 | | |
| Biologist I (James McMillan, Anrew Fisher, Brendan M) | \$ 90.00 | 4 | \$360.00 | 28 | \$2,520.00 | | | | |
| Drafter (Mark Fuerte) | \$ 90.00 | | | | | | | | |
| Designer II (Garrett Avery) | \$ 105.00 | | | | | | | | |
| GIS Specialist II (TBD) | \$ 115.00 | | | | | | | | |
| GIS Specialist I (TBD) | \$ 90.00 | | | 8 | \$720.00 | 4 | \$360.00 | | |
| Graphic Artist (TBD) | \$ 90.00 | | | | | | | | |
| Technical Editor (TBD) | \$ 100.00 | | | 4 | \$400.00 | 2 | \$200.00 | | |
| Word Processor I (TBD) | \$ 85.00 | | | 4 | \$340.00 | 2 | \$170.00 | | |
| TOTAL AECOM LABOR | | 109 | \$12,410.00 | 68 | \$6,580.00 | 82 | \$9,510.00 | 24 | \$3,000.00 |

| Sub-Consultants | Rates | Task 1.4 | Task 2.1 | Task 2.2 | Task 2.3 |
|---|-------|----------|----------|----------|----------|
| Irrigation Subconsultant - Brinkerhoff & Assoc. | | | | | |
| SUB-CONSULTANT COST | | | | | |
| AECOM MARKUP ON SUB-CONSULTANTS | | | | | |
| TOTAL SUB-CONSULTANT COST | | | | | |

| Project Expenses | | Costs | Costs | Costs | Costs |
|--|----------|----------------|-----------------|-------|---------|
| Phone/Fax/Pagers | | | | | |
| Couriers/Postage | | | | | |
| Equipment Rental | | | | | |
| Maps/Film/Photos | | | | | |
| Record/Data Research | | | | | |
| Reprographics/Photo Copies per page: | | | | | |
| B&W 8.5 x 11 | \$0.10 | 100 | \$10.00 | 200 | \$20.00 |
| B&W 11 x 17 | \$0.15 | | | | |
| Color 8.5 x 11 | \$0.95 | 10 | \$9.50 | 100 | \$95.00 |
| Color 11 x 17 | \$1.35 | | | 40 | \$54.00 |
| HP 1055 Inkjet Bond | \$2.50 | | | | |
| HP 6100 Inkjet Bond | \$4.50 | | | | |
| Special Handling 1/4 hr | \$18.75 | | | | |
| B&W scanning (large format) | \$2.50 | | | | |
| Color Scanning only (large format) | \$35.00 | | | | |
| Punching/Binding (per book) | \$2.00 | | | | |
| Mylars | \$10.00 | | | | |
| Project/Field Supplies | | | | | |
| Meals/Lodging (Non Per Diem) | | | | | |
| Per Diem | \$116.00 | | | | |
| Mileage & Parking | \$0.510 | | | | |
| Travel (Fares) | | | | | |
| Vehicle Use (Rental at cost, Company 4X4 \$75) | \$75.00 | | | | |
| Miscellaneous | | | | | |
| PROJECT EXPENSES COST | | \$19.50 | \$169.00 | | |
| AECOM MARKUP ON EXPENSES | | | | | |
| TOTAL PROJECT EXPENSES COST | | \$19.50 | \$169.00 | | |

| | | | | |
|---|-----------------|----------------|----------------|----------------|
| TOTAL AECOM LABOR & OTHER DIRECT COSTS | \$12,430 | \$6,749 | \$9,510 | \$3,000 |
|---|-----------------|----------------|----------------|----------------|

ASSUMPTIONS:

Design Services for the Citricado Parkway Extension

Attachment B

Resolution No. 2012-115
EXHIBIT
Page 56 of 56

In accordance with Section 5 of the agreement, AECOM Technical Services Inc (CONSULTANT) commits to assign the following key personnel for the duration of the design services:

- Richard Leja, PE – Project Director
- Jack Dullaghan, PE - AECOM Project Manager and Project Engineer
- Michelle Fehrensens - Senior Environmental Analyst (D&P)

AECOM further commits to subcontract with Quality Infrastructure Corporation (QIC) and other subconsultants listed in Attachment A for the participation of the following key personnel to the extent of participation described in Attachment A:

- Kirk Bradbury, PE – QIC Project Manager

CONSULTANT will not add or remove persons from the list without the prior written consent of the CITY. Participation of all subconsultants is conditioned upon their ability to comply with all contract provisions, such as, but not limited to, insurance certification.

CITY COUNCIL

For City Clerk's Use:

APPROVED **DENIED**

Reso No. _____ File No. _____

Ord No. _____

Agenda Item No.: 9

Date: August 1, 2012

TO: Honorable Mayor and Members of the City Council

FROM: Edward N. Domingue, Director of Engineering Services
Debra Lundy, Real Property Manager

SUBJECT: Easement Deed to San Diego Gas & Electric Company for Installation and Maintenance of Underground Electric Facilities and Appurtenances Along Beethoven Drive

RECOMMENDATION:

It is requested that Council adopt Resolution No. 2012-129 authorizing the Real Property Manager and City Clerk to execute an Easement Deed to San Diego Gas & Electric Company ("SDG&E") for installation and maintenance of underground electric facilities and appurtenances.

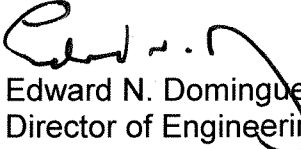
FISCAL ANALYSIS: N/A

PREVIOUS ACTION: N/A

BACKGROUND:

SDG&E has an existing distribution switch located within an easement in the Westfield Mall parking lot that has been inoperable since 2006. SDG&E intends to replace that switch with an upgraded distribution SCADA ("Supervisory Control and Data Acquisition") capable switch, which necessitates a new easement in another location in order to avoid line-of-sight issues in the parking lot presented by the taller new equipment. The proposed easement will allow SDG&E to install its new electric utilities facilities along Beethoven Drive, out of the way of the proposed future Westfield Mall Expansion Project. The switch will enable SDG&E to isolate issues with the electric distribution system, thereby minimizing outages at the Westfield Mall. The project has been designed in a manner that will accommodate the future widening of Beethoven Drive. The existing easement will continue to be utilized by SDG&E for its facilities, which will serve as a connection point.

Respectfully submitted,


Edward N. Domingue, P.E.
Director of Engineering Services


Debra Lundy
Real Property Manager

RESOLUTION NO. 2012-129

A RESOLUTION OF THE CITY COUNCIL OF
THE CITY OF ESCONDIDO, CALIFORNIA,
AUTHORIZING THE REAL PROPERTY
MANAGER AND CITY CLERK, TO EXECUTE,
ON BEHALF OF THE CITY, A GRANT OF
EASEMENT TO SAN DIEGO GAS &
ELECTRIC COMPANY FOR INSTALLATION
OF UNDERGROUND ELECTRIC FACILITIES
AND APURTENANCES

WHEREAS, a portion of real property identified as Assessor's Parcel Numbers 271-030-12, 20 and 21 is owned by the City of Escondido; and

WHEREAS, San Diego Gas & Electric ("SDG&E") has an existing electric distribution switch installed on APN: 271-030-20 under an existing easement; and

WHEREAS, said existing electric distribution switch equipment has been inoperational since 2006 and is necessary for isolating issues within the system, thereby reducing power outages experienced at Westfield Mall; and

WHEREAS, SDG&E would like to replace the inoperational switch equipment with upgraded Supervisory Control and Data Acquisition ("SCADA") equipment; and

WHEREAS, the upgraded equipment includes a SCADA pole that would create a line of sight condition if it were installed within the existing easement area; and

WHEREAS, to accomplish the switch replacement project, the City wishes to approve the grant of Easement Deed to SDG&E ("Easement").

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Escondido, California, as follows:

1. That the above recitations are true.
2. That the Real Property Manager and City Clerk are authorized to execute, on behalf of the City, the attached Easement affecting Assessor Parcel Numbers 271-030-12, 20 & 21, granting easement rights to SDG&E. The Easement is attached as Exhibit "A" and is incorporated by this reference.

Recording Requested by
San Diego Gas & Electric Company

When recorded, mail to:

San Diego Gas & Electric Company
8335 Century Park Court, Suite 100
San Diego, CA 92123-1569
Attn: Real Estate Records- CP11D

SPACE ABOVE FOR RECORDER'S USE

Project No: 639718-010
Const. No.: 2869680
A.P.N. No.: 271-030-12,20,21
Sketch No.: C-5066A

Transfer Tax None
SAN DIEGO GAS & ELECTRIC COMPANY

EASEMENT

THE CITY OF ESCONDIDO, A MUNICIPAL CORPORATION, (Grantor), grants to SAN DIEGO GAS & ELECTRIC COMPANY, a corporation (Grantee), an easement and right of way in, upon, over, under and across the lands hereinafter described, to erect, construct, change the size of, improve, reconstruct, relocate, repair, maintain and use facilities consisting of:

Underground facilities and appurtenances for the transmission and distribution of electricity.

The above facilities will be installed at such locations and elevations upon, along, over and under the hereinafter described easement as Grantee may now or hereafter deem convenient or necessary. Grantee also has the right of ingress and egress, to, from and along this easement in, upon, over and across the hereinafter described lands. Grantee further has the right, but not the duty to clear and keep this easement clear from explosives, buildings, structures and materials.

The property in which this easement and right of way is hereby granted is situated in the City of Escondido, County of San Diego, State of California described as follows in Parcels "A" and "B":

Parcel "A"

Parcels 7 and 8 of the land surveyed and shown on Parcel Map No. 14270, filed May 1, 1986 as File No. 86-172854 in the Office of the County Recorder of said County of San Diego.

Parcel "B"

Parcel 2 of the land surveyed and shown on Parcel Map No. 11382, filed June 11, 1981 as File No. 81-182347 in the Office of the County Recorder of said County of San Diego.

The said easement in the aforesaid land is described in Exhibit "A" (consisting of two (2) sheets), and is shown and delineated on Drawing No. C-5066A, (consisting of two (2) sheets), all attached hereto and made a part hereof.

In order to provide adequate working area for Grantee, Grantor shall not erect, place or construct, nor permit to be erected, placed or constructed any building or other structure, park any vehicle, deposit any materials, plant any trees and/or shrubs within eight feet of the front of the door or hinged opening of any pad mounted electrical equipment installed within this easement.

Grantee shall not have any above ground structures within Beethoven Drive and to a line 8.00 feet north of, and parallel with, the north side of the Beethoven Dr. curb line (as shown on attached drawing C-5066A), within said easement. To accommodate the future widening of Beethoven Dr.

Grantor grants to Grantee the right to erect and maintain on Grantor's property immediately adjacent to this easement retaining walls and/or protective barricades as may be necessary for Grantee's purposes.

Grantor shall not erect, place or construct, nor permit to be erected, placed or constructed, any building or other structure, plant any tree, drill or dig any well, within this easement.

Grantor shall not increase or decrease the ground surface elevations within this easement after installation of Grantee's facilities, without prior written consent of Grantee, which consent shall not unreasonably be withheld.

Grantee shall have the right but not the duty, to trim or remove trees and brush along or adjacent to this easement and remove roots from within this easement whenever Grantee deems it necessary. Said right shall not relieve Grantor of the duty as owner to trim or remove trees and brush to prevent danger or hazard to property or persons.

CONDUITS CARRY HIGH VOLTAGE ELECTRICAL CONDUCTORS, therefore Grantor shall not make or allow any excavation or fill to be made within this easement WITHOUT FIRST NOTIFYING SAN DIEGO GAS & ELECTRIC COMPANY BY CALLING 696-2000, and OBTAINING PERMISSION.

This easement shall be binding upon and inure to the benefit of successors, heirs, executors, administrators, permittees, licensees, agents or assigns of Grantor and Grantee.

IN WITNESS WHEREOF, Grantor executed this instrument this _____ day of _____, 2012.

THE CITY OF ESCONDIDO, A MUNICIPAL CORPORATION

BY: _____

NAME: _____
(print name)

TITLE: _____

BY: _____

NAME: _____
(print name)

TITLE: _____

Drawn: GAM
Sketch: C-5066A
Date: May 8, 2012(revised 6/5/12)(sketch revised 7/5/12)

STATE OF _____)

COUNTY OF _____)SS.

On _____, before me _____
_____ (name, title of officer), personally appeared _____

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature _____

(Notary Seal)

STATE OF _____)

COUNTY OF _____)SS.

On _____, before me _____
_____ (name, title of officer), personally appeared _____

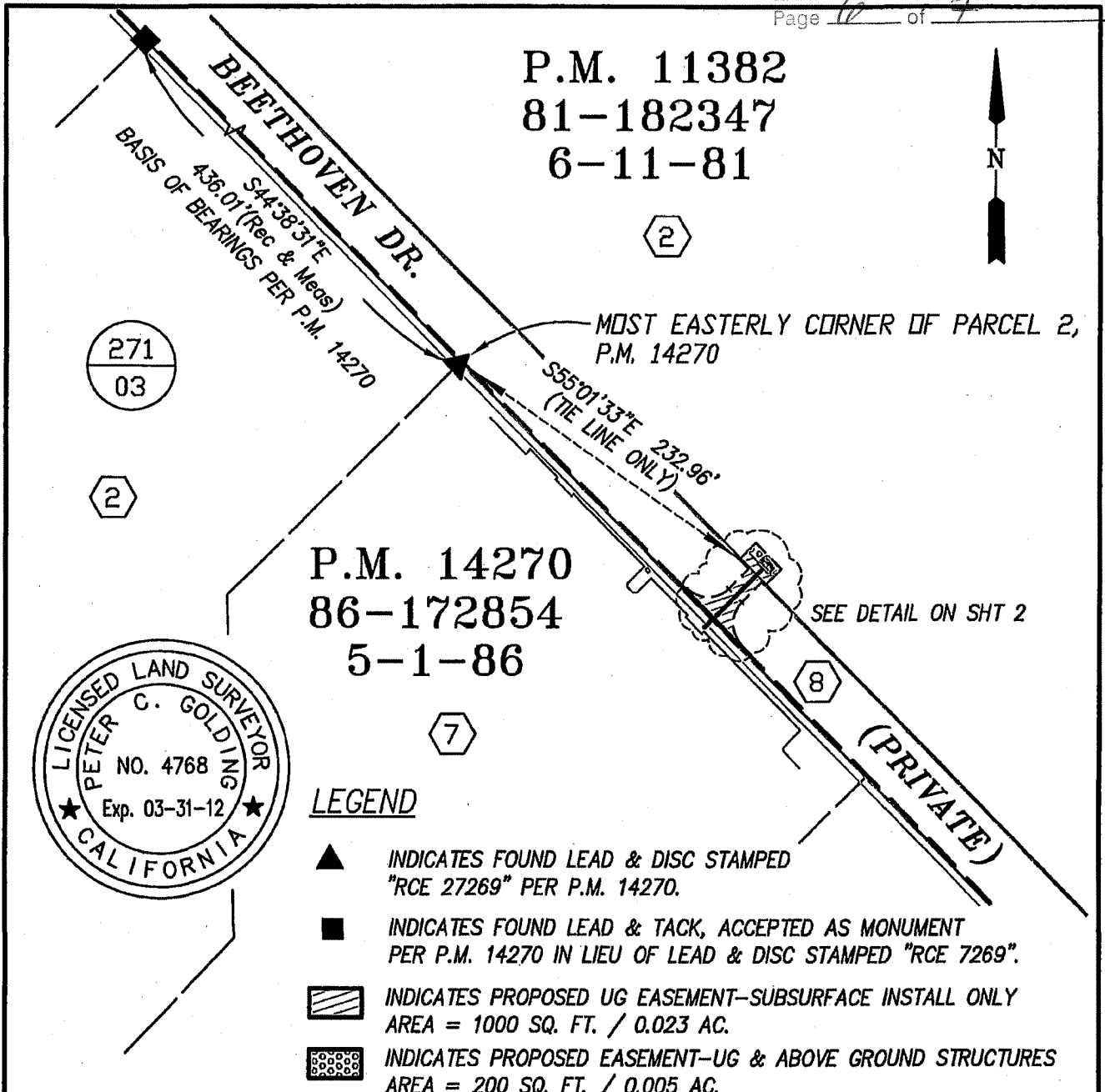
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature _____

(Notary Seal)



LEGEND

- ▲ INDICATES FOUND LEAD & DISC STAMPED "RCE 27269" PER P.M. 14270.
- INDICATES FOUND LEAD & TACK, ACCEPTED AS MONUMENT PER P.M. 14270 IN LIEU OF LEAD & DISC STAMPED "RCE 7269".
- ▨ INDICATES PROPOSED UG EASEMENT—SUBSURFACE INSTALL ONLY AREA = 1000 SQ. FT. / 0.023 AC.
- ▩ INDICATES PROPOSED EASEMENT—UG & ABOVE GROUND STRUCTURES AREA = 200 SQ. FT. / 0.005 AC.

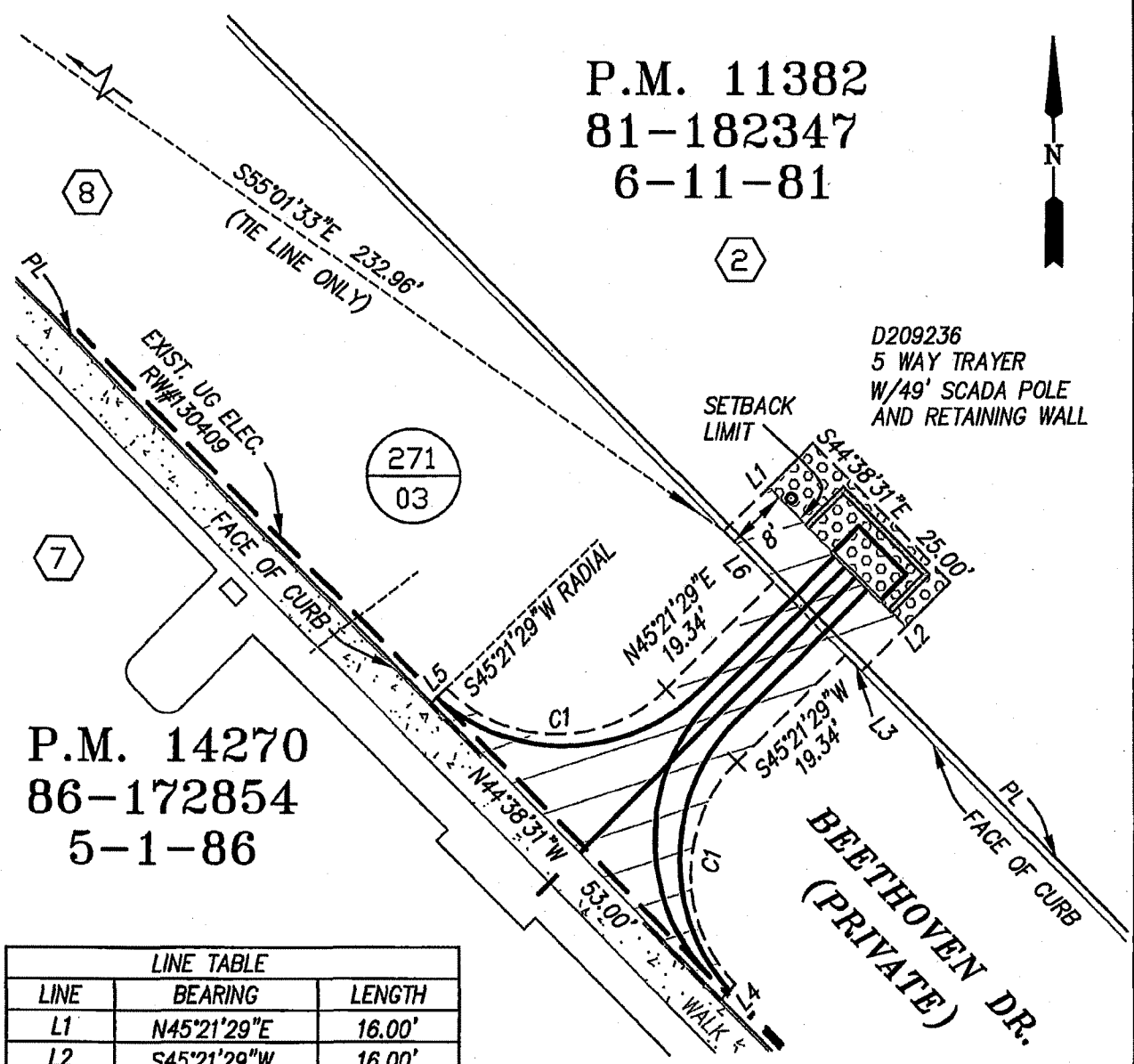
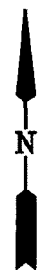
P.D.C. FILE: 3982-15.DWG
 SDG&E JOB: R070127/S120241

SHT 1 OF 2

REF: P.M. 14270
 P.M. 11382

| SAN DIEGO GAS & ELECTRIC SAN DIEGO, CALIFORNIA | | ORIGINATOR: SURVEYED BY: PDC/AAA DRAWN BY: PDC/RMN DATE: 9-21-10 SCALE: 1"=100' | OK TO INSTALL: R/W OK: DATE: THOS. BROS. 1150-B2 | PROJECT NO. 639718-010 CONST. NO. 2869680 DRAWING NO. C-5066A |
|---|--|---|---|---|
| C791: DOE SWITCH 791-14, 15, 16, 17 REPL BEETHOVEN DRIVE ESCONDIDO, CA | | | | |
| NO. | SUPPLEMENTS | DATE: | BY | APP'D |
| 1 | REVISED EASEMENT | 12/8/10 | RMN | PCG |
| 2 | RELOCATED 5 WAY TRAYER | 4/21/11 | RMN | PCG |
| 3 | RELOCATED 5 WAY TRAYER | 2/10/12 | RMN | PCG |
| 4 | RELOCATED SCADA POLE. ADDED SETBACK LIMIT. | 4/3/12 | RMN | PCG |

P.M. 11382
 81-182347
 6-11-81



P.M. 14270
 86-172854
 5-1-86

271
 03

| LINE TABLE | | |
|------------|--------------|--------|
| LINE | BEARING | LENGTH |
| L1 | N45°21'29\"E | 16.00' |
| L2 | S45°21'29\"W | 16.00' |
| L3 | N44°38'31\"W | 3.00' |
| L4 | S45°21'29\"W | 3.00' |
| L5 | N45°21'29\"E | 3.00' |
| L6 | N44°38'31\"W | 9.00' |

| CURVE TABLE | | | |
|-------------|------------|--------|--------|
| CURVE | DELTA | RADIUS | LENGTH |
| C1 | 90°00'00\" | 20.00' | 31.42' |

SHT 2 OF 2

| SAN DIEGO GAS & ELECTRIC SAN DIEGO, CALIFORNIA | | ORIGINATOR: | OK TO INSTALL: | PROJECT NO. |
|--|--|-------------------------|------------------------|-------------------------------|
| | | SURVEYED BY: PDC/AAA | R/W OK: | 639718-010 |
| C791: DOE SWITCH 791-14, 15, 16, 17 REPL BEETHOVEN DRIVE ESCONDIDO, CA | | DRAWN BY: PDC/RMN | DATE: | CONST. NO. |
| | | DATE: 9-21-10 | THOS. BROS. 1150-B2 | 2869680 |
| | | SCALE: NONE | | DRAWING NO. C-5066A |
| NO. | SUPPLEMENTS | DATE: | BY | APP'D |
| 1 | REVISED EASEMENT | 12/8/10 | RMN | PCG |
| 2 | RELOCATED 5 WAY TRAYER | 4/21/11 | RMN | PCG |
| 3 | RELOCATED 5 WAY TRAYER | 2/10/12 | RMN | PCG |
| 4 | RELOCATED SCADA POLE. ADDED SETBACK LIMIT. | 4/3/12 | RMN | PCG |



CITY COUNCIL

For City Clerk's Use:

APPROVED DENIED

Reso No. 2003-_____ File No. _____

Ord No. 2003-_____

Agenda Item No.: 10
Date: August 1, 2012

TO: Honorable Mayor and Members of the City Council

FROM: Sheryl Bennett, Human Resources Director
Cindy Titgen, Benefits and Workers' Compensation Manager

SUBJECT: Resolution to Implement a Different Level of Benefits for Newly Hired Unrepresented Employees and Elected Officials for CalPERS Retirement

RECOMMENDATION:

Approval of a Resolution No. 2012-139 for implementing a Different Level of Benefits (Government Code Section 20475) – 2% at 60 (Government Code Section 21353) and Three-Year Final Compensation (Government Code Section 20037) for newly hired Unclassified Clerical, Technical, Eligible Part-time, Management and Elected Officials

FISCAL ANALYSIS:

Decreases in the City's CalPERS employer rate will occur as employees are hired into the Second Tier. Accordingly, budget reduction will be realized in future years.

BACKGROUND:

City Council has previously adopted Resolution Nos: 2011-81 (Maintenance and Operations), 2011-103 (Administrative, Clerical, and Engineering), 2011-104 (Supervisory), and 2012-125 (Non-Sworn) authorizing the implementation of Different Level of Benefits – 2% at 60 and Three-Year Final Compensation as part of the City's negotiation process.

City Council's approval of Resolution No. 2012-139 for newly hired and unrepresented employees and elected officials is the final Resolution needed to allow the City to move forward to amend the CalPERS Contract for the Miscellaneous CalPERS employees. After approval of this Resolution, Staff will contact CalPERS to begin the CalPERS Amendment for newly hired Miscellaneous employees to reduce the retirement benefits from a 3% at 60 benefit to a 2% at 60 (Section 21353) and the final compensation calculation would be reduced from a one-year to a three-year final compensation calculation (Section 20037).

Resolution to Implement a Different Level of Benefits
August 1, 2012
Page 2

Therefore, staff requests approval of a Resolution No. 2012-139 implementing a Different Level of Benefits (Government Code Section 20475) – 2% at 60 (Government Code Section 21353) and Three-Year Final Compensation (Government Code Section 20037) for newly hired Unclassified Clerical, Technical, Eligible Part-time, Management and Elected Officials. Approval will allow Staff to contact CalPERS and begin the Miscellaneous Contract Amendment Process.

Respectfully submitted,



Sheryl Bennett
Director of Human Resources



Cindy Titgen
Benefits & Workers' Compensation Manager

RESOLUTION NO. 2011-139

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF ESCONDIDO, CALIFORNIA, FOR IMPLEMENTING A DIFFERENT LEVEL OF BENEFITS FOR CALPERS RETIREMENT FOR NEWLY HIRED EMPLOYEES (GOVERNMENT CODE 20475) FOR UNCLASSIFIED CLERICAL, TECHNICAL, ELIGIBLE PART-TIME, MANAGEMENT AND ELECTED OFFICIALS

WHEREAS, the City Council has the authority to implement a Different Level of Benefits (Government Code Section 20475) for newly hired unrepresented employees and elected officials; and

WHEREAS, City Council desires to implement 2% at 60 (Government Code Section 21353) and Three-Year Final Compensation (Government Code Section 20037); and

WHEREAS, a required step in the procedure is the adoption by the City Council of a Resolution to implement a Different Level of Benefits (Government Code Section 20475) for newly hired Unclassified Clerical, Technical, Eligible Part-time, Management and Elected Officials; and

WHEREAS, the following is a statement of the proposed change upon an amendment to the CalPERS contract:

1. To provide Different Level of Benefits (Government Code Section 20475);
2. To provide 2% at 60 Retirement Benefit (Government Code Section 21353); and
3. To provide Three-Year Final Average (Government Code Section 20037).

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Escondido, California:

1. That the above recitations are true.
2. That the City Council does hereby adopt a Resolution to implement a Different Level of Benefits (Government Code Section 20475) to provide 2% at 60 Retirement Benefit (Government Code Section 21353), and to provide Three-Year Final Average (Government Code Section 20037) for all newly hired unrepresented employees and elected officials upon amendment to the CalPERS contract.

ORDINANCE NO. 2012-15

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF ESCONDIDO, CALIFORNIA, AMENDING THE ESCONDIDO MUNICIPAL CODE TO ADD YOUTH REPRESENTATIVES TO THE COMMUNITY AND OLDER ADULT SERVICES COMMISSION AND CHANGE THE TITLE OF THIS COMMISSION TO COMMUNITY SERVICES COMMISSION

WHEREAS, the citizens of Escondido have an opportunity to volunteer for service in local government by serving on a variety of Boards and Commissions which advise on and resolve matters arising in the community and the City organization; and

WHEREAS, the City Council finds it necessary for the public welfare to encourage representation of youth in community leadership positions; and

WHEREAS, the City Council finds that the title of the Community and Older Adult Services is confusing and would be more appropriately titled the Community Services Commission; and

WHEREAS, a title change to the Community Services Commission necessitates the change of any references elsewhere in the municipal code to that title.

The City Council of the City of Escondido, California, DOES HEREBY ORDAIN as follows:

SECTION 1. Article 2 of Chapter 18 of the Escondido Municipal Code Sections 18-15 through 18-18 are hereby amended to read as follows:

CITY COUNCIL

For City Clerk's Use:

APPROVED **DENIED**

Reso No. _____ File No. _____

Ord No. _____

Agenda Item No.: 12
Date: August 1, 2012

TO: Honorable Mayor and Members of the City Council

FROM: Edward N. Domingue, Director of Engineering Services
Debra Lundy, Real Property Manager

SUBJECT: Update on the County of San Diego's Bear Valley Parkway North Project and a Resolution Consenting to the Establishment of Portions of Bear Valley Parkway as Included in Highways of the County of San Diego

RECOMMENDATION:

It is requested that Council adopt Resolution No. 2012-130 consenting to the establishment of portions of Bear Valley Parkway as included in highways of the County of San Diego for the limited purposes of improvement, construction, repair and acquisition of right-of-way in connection with the Bear Valley Parkway Road Improvement Project.

FISCAL ANALYSIS: N/A

PREVIOUS ACTION: N/A

BACKGROUND:

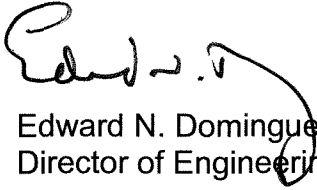
The County of San Diego is planning the Bear Valley Parkway Road Improvement Project ("Project"), which involves widening of Bear Valley Parkway between State Route 78 and Boyle Avenue, with the objective of relieving traffic congestion. The Project requires the acquisition of property rights from fifty (50) property owners. The County has obtained acquisition agreements from forty-three (43) of the fifty property owners, with nine (9) outstanding. A portion of the proposed Project falls within the City's jurisdiction. Two (2) of the nine outstanding acquisitions are located within the City's jurisdiction.

Pursuant to California Streets and Highways Code Section 1700, et seq., the County has adopted a Resolution (R12-101) declaring that portion of Bear Valley Parkway which is within the City's limits as included in the County highways for the limited purposes of improvement, construction, repair, and acquisition of right-of-way in connection with the Project. In order for the County's declaration to become effective, the City Council for Escondido must, by resolution or ordinance, consent to the establishment of the City's portion of Bear Valley Parkway as a county highway for the previously mentioned purposes.

Bear Valley Parkway North
August 1, 2012
Page 02

Upon Project completion, in accordance with the Streets and Highways Code, the County intends to adopt a resolution declaring that the City's portion of Bear Valley Parkway is no longer a county highway and it will revert to the City's jurisdiction accordingly.

Respectfully submitted,



Edward N. Domingue, P.E.
Director of Engineering Services



Debra Lundy
Real Property Manager

RESOLUTION NO. 2012-130

A RESOLUTION OF THE CITY COUNCIL OF
THE CITY OF ESCONDIDO, CALIFORNIA,
CONSENTING TO THE ESTABLISHMENT OF
PORTIONS OF BEAR VALLEY PARKWAY AS
INCLUDED IN HIGHWAYS OF THE COUNTY
OF SAN DIEGO

WHEREAS, the County of San Diego intends to construct its Bear Valley Parkway Road Improvement Project ("Project"); and

WHEREAS, the Project requires the widening of Bear Valley Parkway between State Route 78 and Boyle Avenue, portions of which are located within the jurisdiction of the City of Escondido, as more particularly described in Exhibit "A," attached hereto and incorporated herein by this reference ("City Portion"); and

WHEREAS, pursuant to Streets and Highways Code Section 1700, the San Diego County Board of Supervisors has adopted Resolution No. 12-101 ("County Resolution"), declaring the City Portion to be a county highway solely for the purposes of improvement, construction, repair and acquisition of right-of-way in connection with the Project; and

WHEREAS, in order for the County Resolution to become effective, the City Council for the City of Escondido must, by ordinance or resolution, consent to the establishment of the City Portion as a county highway for those purposes described in the County Resolution; and

WHEREAS, upon the completion of the Project, and pursuant to Streets and Highways Code Section 1704, the Board of Supervisors for the County of San Diego

may adopt a resolution declaring that the City Portion is no longer a county highway, thereby returning the City Portion to the City's jurisdiction as a City street;

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Escondido, California, as follows:

1. That the above recitations are true.
2. That the City Council hereby consents to the establishment of City Portion as part of the county highways solely for purposes of improvement, construction, repair and acquisition of right-of-way in connect with the Project.

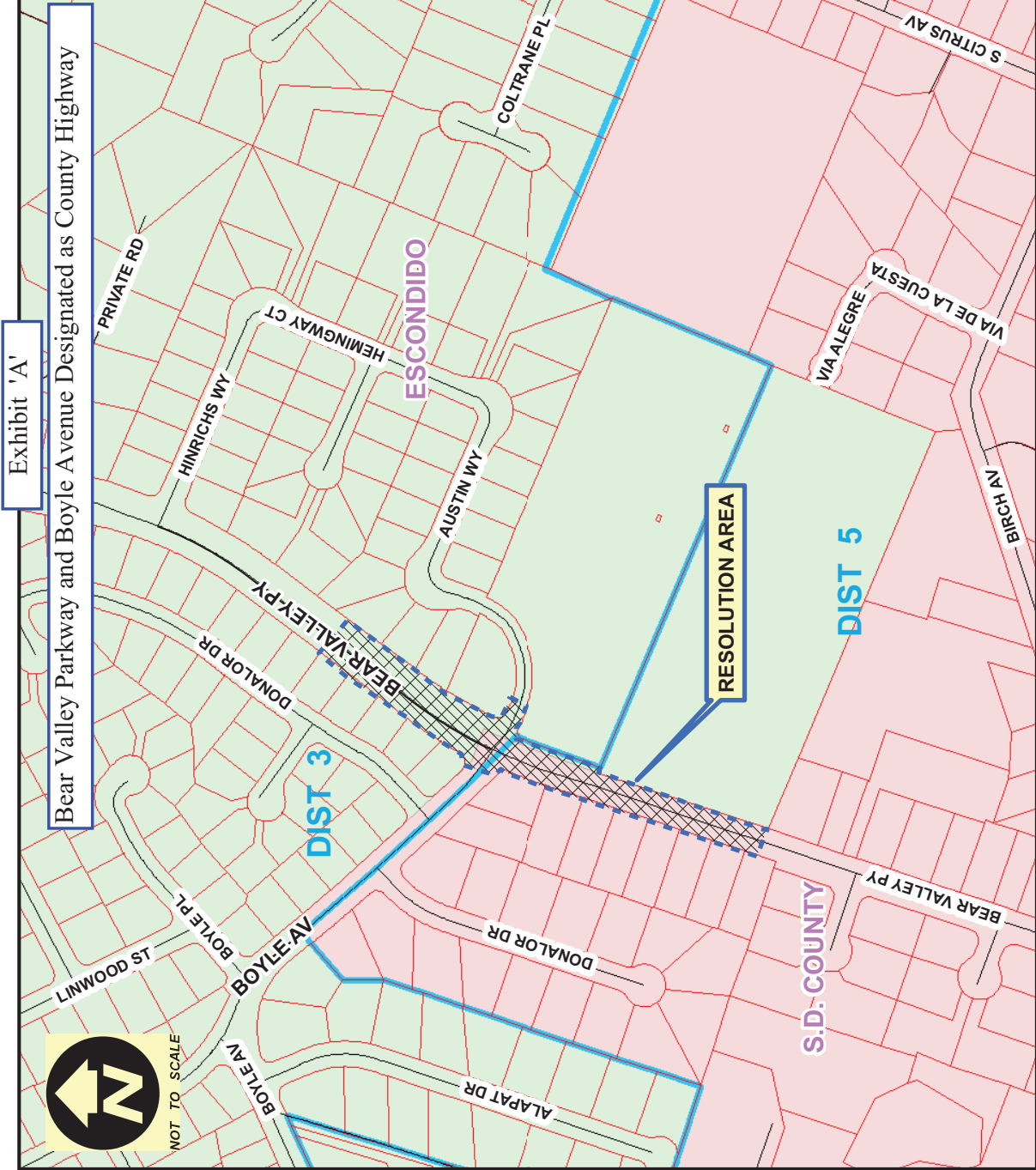


Exhibit 'A'
 Bear Valley Parkway and Boyle Avenue Designated as County Highway



Exhibit 'A'

Resolution Area:

That portion of Bear Valley Parkway in the City of Escondido, bounded on the South by the Southerly boundary, and its Westerly prolongation, of Lot L of the Resubdivision of Part of Block 241 of RANCHO RINCON DEL DIABLO, in the County of San Diego, State of California, according to Map thereof No. 1427 filed in the Office of the County Recorder of said County, and on the North by the Southeasterly prolongation of the Northerly boundary of Lot 59 of Escondido Tract No. 117 according to Map thereof No. 7201 filed in the said County Recorder's Office, TOGETHER WITH that portion of Boyle Avenue in the City of Escondido, lying Easterly of said Bear Valley Parkway, and lying Westerly of a line that is parallel with and lying 150 feet Easterly of, measured at right angles to, the centerline of Road Survey No. 1791-3 on file in the Office of the County Engineer of said County.

CITY COUNCIL

For City Clerk's Use:

APPROVED **DENIED**

Reso No. _____ File No. _____

Ord No. _____

Agenda Item No.: 13
Date: August 1, 2012

TO: Honorable Mayor and Members of the City Council
FROM: Christopher W. McKinney, Director of Utilities
SUBJECT: Lake Wohlford Dam Replacement Design Consulting Agreement

RECOMMENDATION:

The Utilities Department requests that the City Council:

1. Adopt Resolution No. 2012-127 authorizing the Mayor and City Clerk to execute a Consulting Agreement with Black & Veatch Corporation for the Lake Wohlford Dam Replacement Design in the amount of \$3,496,740.
2. Approve a budget adjustment in the amount of \$3,000,000 to CIP 704912 (Lake Wohlford Dam Project) with \$1,000,000 from CIP 704708 (Reed Reservoir Design and Construction) and \$2,000,000 from CIP 704606 (Rincon Penstock Replacement).

FISCAL ANALYSIS:

The Lake Wohlford Dam Project CIP 704912 currently has \$1,059,585 available. Additional funding is available in the amount of \$1,000,000 from the Reed Reservoir Design and Construction project CIP 704708 and \$2,000,000 from the Rincon Penstock Replacement Project CIP 704606. The Reed Reservoir project has recently been completed, is beginning the one year warranty period, and has excess funds available. The Rincon Penstock Replacement project has significant funds allocated with no immediate time frame set for implementing the work.

PREVIOUS ACTION:

In February 2009 City Council authorized a contract with GEI Consultants, Inc. (GEI) for the Evaluation of Alternatives for Replacement of Lake Wohlford Dam. In February 2011 City Council authorized the submission of a grant application for Proposition 1E Stormwater Flood Management grant.

BACKGROUND:

Over the last few years the City has had numerous investigations and studies performed on the Lake Wohlford Dam. In 2007 the water level at the lake was lowered following a determination that the upper portion of the dam was susceptible to failure during a significant seismic event. In June 2010

the last report was received, "Evaluation of Alternatives for Replacement of Lake Wohlford Dam", which evaluated two alternative dam types downstream of the existing structure. The evaluation included an Earth Core Rockfill dam and Roller Compacted Concrete (RCC) dam. The preliminary geotechnical data indicated that the Earth Core Rockfill dam was the preferred alternative at that time.

Due to the estimated cost of the overall project, the Water CIP could not execute the project without significant outside financial assistance. The City has been actively pursuing funding opportunities since receiving the Evaluation of Alternatives report in June 2010. At the end of 2011 the City received confirmation of an award of up to \$14.9M in matching funds for the dam replacement from the State of California, Prop 1E Grant.

The Utilities Department issued a Request for Proposals in March 2012 and received proposals in April 2012 from five (5) consulting teams. A selection panel of eight (8) City staff members evaluated the proposals and selected three (3) for interviews in June 2012. The selection panel unanimously selected the team lead by Black & Veatch Corporation as the best qualified to meet the needs of the City.

This contract to Black & Veatch Corporation includes not only full design drawings and specifications, but also all required environmental studies and documentation as well as acquisition of all required permits. One of the initial elements of their work will be to re-evaluate the dam type selection as there are significant differences in the environmental impacts to the two types.

This design contract is a single element to the effort required to replace Wohlford Dam. In the near future the Utilities Department will also be retaining a consultant to perform construction management services for the dam. This contract will begin during the design and continue through the end of construction. Additionally, the City will be required by the state and federal regulating agencies for the dam to retain a Board of Consultants, specialists in specific fields related to dams, to provide project oversight.

Respectfully submitted,



for Christopher W. McKinney
Director of Utilities

RESOLUTION NO. 2012-127

A RESOLUTION OF THE CITY COUNCIL OF
THE CITY OF ESCONDIDO, CALIFORNIA,
AUTHORIZING THE MAYOR AND CITY
CLERK TO EXECUTE, ON BEHALF OF THE
CITY, A CONSULTING AGREEMENT WITH
BLACK & VEATCH CORPORATION FOR
THE LAKE WOHLFORD DAM
REPLACEMENT DESIGN

WHEREAS, the City desires to regain full storage capacity for water at Lake Wohlford; and

WHEREAS, the current condition of the Lake Wohlford Dam prevents said full storage capacity and requires a replacement dam; and

WHEREAS, a selection panel has selected Black & Veatch Corporation as being the most qualified proposer; and

WHEREAS, the Director of Utilities recommends that the Consulting Agreement ("Agreement") with Black & Veatch Corporation be approved; and

WHEREAS, this City Council desires at this time and deems it to be in the best public interest, to approve said Agreement with Black & Veatch Corporation.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Escondido, California, as follows:

1. That the above recitations are true.
2. That the Mayor and City Clerk are hereby authorized to execute, on behalf of the City, an Agreement with Black & Veatch Corporation. A copy of the Agreement is attached as Exhibit "1" and is incorporated by this reference.



CITY OF ESCONDIDO
CONSULTING AGREEMENT FOR DESIGN PROFESSIONALS

(ONLY for licensed architects, landscape architects, professional engineers, and professional land surveyors who are performing design services for the City)

This Agreement is made this _____ day of _____, 20__.

Between: CITY OF ESCONDIDO
a Municipal Corporation
201 N. Broadway
Escondido, California 92025
Attn: Craig Whittemore
760-839-4038
("CITY")

And: Black & Veatch Corporation
300 Rancheros Drive, Suite 250
San Marcos, CQA 92069
Kevin Davis
760-571-7705
("CONSULTANT")

Witness that whereas:

- A. It has been determined to be in the CITY's best interest to retain the professional services of a consultant to prepare design drawings and specifications including environmental documentation for the Lake Wohlford Dam Replacement; and
- B. The CONSULTANT is considered competent to perform the necessary professional services for CITY;

NOW, THEREFORE, it is mutually agreed by and between CITY and CONSULTANT as follows:

- 1. Services. The CONSULTANT will furnish all of the services as described in "Attachment A" which is attached and incorporated by this reference.
- 2. Compensation. The CITY will pay the CONSULTANT in accordance with the conditions specified in "Attachment A," in the sum of \$3,496,740. Any breach of this Agreement will relieve CITY from the obligation to pay CONSULTANT, if CONSULTANT has not corrected the breach after CITY provides notice and a reasonable time to correct it.
- 3. Scope of Compensation. The CONSULTANT will be compensated for performance of tasks specified in "Attachment A" only. No compensation will be provided for any other tasks without specific prior written consent from the CITY.

4. Duties. CONSULTANT will be responsible for the professional quality, technical accuracy, timely completion, and coordination of all reports and other services furnished by the CONSULTANT under this Agreement, except that the CONSULTANT will not be responsible for the accuracy of information supplied by the CITY.
5. Personnel. The performance of services under this Agreement by certain professionals is significant to the CITY. CONSULTANT will assign the persons listed on "Attachment B," which is attached and incorporated by this reference, to perform the Services described in Paragraph 1, and will not add or remove persons from the list without the prior written consent of the CITY. CONSULTANT will not subcontract any tasks under this Agreement without obtaining the advance written consent of the CITY.
6. Termination. Either CONSULTANT or the CITY may terminate this Agreement with thirty (30) days advance written notice.
7. City Property. All original documents, drawings, electronic media, and other material prepared by CONSULTANT under this Agreement immediately becomes the exclusive property of the CITY, and may not be used by CONSULTANT for any other purpose without prior written consent of the CITY.
8. Insurance.
 - a. The CONSULTANT shall secure and maintain at its own costs, for all operations, the following insurance coverage, unless reduced by the City Attorney:
 - (1) General liability insurance. Occurrence basis with minimum limits of \$1,000,000 each occurrence, \$2,000,000 General Aggregate, and \$1,000,000 Products/Completed Operations Aggregate; and
 - (2) Automobile liability insurance of \$1,000,000 combined single-limit per accident for bodily injury and property damage, unless waived as provided in 8(b) below; and
 - (3) Workers' compensation and employer's liability insurance as required by the California Labor Code, as amended, or certificate of sole proprietorship; and
 - (4) Errors and Omissions professional liability insurance with minimum coverage of \$1,000,000.
 - b. It is the parties' understanding that the use of a motor vehicle is not a primary subject of this Agreement. CONSULTANT acknowledges that operating a motor vehicle is outside the scope of this Agreement and occurs only at the convenience of the CONSULTANT. A waiver of automobile liability insurance is only effective if both sets of initials appear below, otherwise such insurance is required.

Acknowledged by CONSULTANT _____

Waiver appropriate by CITY _____
 - c. Each insurance policy required above must be acceptable to the City Attorney:
 - (1) Each policy must provide for written notice within no more than thirty (30) days if cancellation or termination of the policy occurs. Insurance coverage must be provided by an A.M. Best's A- rated, class V carrier or better, admitted in California, or if non-admitted, a company that is not on the Department of Insurance list of unacceptable carriers.
 - (2) All non-admitted carriers will be required to provide a service of suit endorsement in addition to the additional insured endorsement.

- (3) Both the General Liability and the Automotive Liability policies must name the CITY specifically as an additional insured under the policy on a separate endorsement page. The endorsement must be ISO Form CG2010 11/85 edition or its equivalent for General Liability endorsements and CA 20-01 for Automobile Liability endorsements.
 - (4) The General Liability policy must include coverage for bodily injury and property damage arising from CONSULTANT's work including its ongoing operations and products-completed operations hazard.
 - (5) The General Liability policy must be primary and noncontributory and any insurance maintained by CITY is excess.
 - d. In executing this Agreement, CONSULTANT agrees to have completed insurance documents on file with the CITY within fourteen (14) days after the date of execution. Failure to comply with insurance requirements under this Agreement will be a material breach of this Agreement, resulting in immediate termination at CITY's option.
9. Indemnification. CONSULTANT (which in this paragraph 9 includes its agents, employees and subcontractors, if any) agrees to indemnify, defend, and hold harmless the CITY from all claims, lawsuits, damages, judgments, loss, liability, or expenses, including attorneys' fees, for any of the following:
 - a. Any claim of liability arising out of, pertaining to, or relating to the negligence, recklessness, or willful misconduct of CONSULTANT in the performance of this Agreement, excepting only those claims resulting from the sole negligence, active negligence or intentional misconduct of CITY, its employees, officials, or agents, not including CONSULTANT;
 - b. Any personal injuries, property damage or death that CONSULTANT may sustain while using CITY-controlled property or equipment, while participating in any activity sponsored by the CITY, or from any dangerous condition of property; or
 - c. Any injury or death which results or increases by any action taken to medically treat CONSULTANT.
10. Anti-Assignment Clause. The CONSULTANT may not assign, delegate or transfer any interest or duty under this Agreement without advance written approval of the CITY, and any attempt to do so will immediately render this entire Agreement null and void.
11. Costs and Attorney's Fees. In the event that legal action is required to enforce the terms and conditions of this Agreement, the prevailing party will be entitled to reasonable attorneys' fees and costs.
12. Independent Contractor. CONSULTANT is an independent contractor and no agency or employment relationship, either express or implied, is created by the execution of this Agreement.
13. Merger Clause. This Agreement and its Attachments, if any, are the entire understanding of the parties, and there are no other terms or conditions, written or oral, controlling this matter. In the event of any conflict between the provisions of this Agreement and any of its Attachments, the provisions of this Agreement must prevail.
14. Anti-Waiver Clause. None of the provisions in this Agreement will be waived by CITY because of previous failure to insist upon strict performance, nor will any provision be waived by CITY because any other provision has been waived, in whole or in part.

15. Severability. The invalidity in whole or in part of any provision of this Agreement will not void or affect the validity of any other provisions of this Agreement.
16. Choice of Law. This Agreement is governed by the laws of the State of California. Venue for all actions arising from this Agreement must be exclusively in the state or federal courts located in San Diego County, California.
17. Multiple Copies of Agreement/Counterparts. Multiple copies and/or counterparts of this Agreement may be executed, including duplication by photocopy or by computerized scanning device. Each duplicate will be deemed an original with the same effect as if all the signatures were on the same instrument. However, the parties agree that the Agreement on file in the office of the Escondido City Clerk is the copy of the Agreement that shall take precedence should any differences exist among copies or counterparts of the document.
18. Provisions Cumulative. The foregoing provisions are cumulative and in addition to and not in limitation of any other rights or remedies available to the CITY.
19. Notices to Parties. Any statements, communications or notices to be provided pursuant to this Agreement must be sent to the attention of the persons indicated below. Each party agrees to promptly send notice of any changes of this information to the other party, at the address first above written.
20. Business License. The CONSULTANT is required to obtain a City of Escondido Business License prior to execution of this Agreement.
21. Compliance with Applicable Laws, Permits and Licenses. CONSULTANT shall keep itself informed of and comply with all applicable federal, state, and local laws, statutes, codes, ordinances, regulations, and rules in effect during the term of this Agreement. CONSULTANT shall obtain any and all licenses, permits, and authorizations necessary to perform services set forth in this Agreement. Neither CITY, nor any elected nor appointed boards, officers, officials, employees, or agents of CITY shall be liable, at law or in equity, as a result of any failure of CONSULTANT to comply with this section.
22. Immigration Reform and Control Act of 1986. CONSULTANT shall keep itself informed of and comply with the Immigration Reform and Control Act of 1986. CONSULTANT affirms that as an employer in the State of California, all new employees must produce proof of eligibility to work in the United States within the first three days of employment and that only employees legally eligible to work in the United States will be employed on this public project. CONSULTANT agrees to comply with such provisions before commencing and continuously throughout the performance of this Agreement.

IN WITNESS WHEREOF, the parties below are authorized to act on behalf of their organizations, and have executed this Agreement as of the date set forth below.

CITY OF ESCONDIDO

Date: _____

Sam Abed
Mayor

Date: _____

Diane Halverson
City Clerk

Black & Veatch Corporation

Date: _____

(Consultant signature)

Title

(The above signature must be notarized)

APPROVED AS TO FORM:

OFFICE OF THE CITY ATTORNEY
JEFFREY R. EPP, City Attorney

By: _____

THE CITY OF ESCONDIDO DOES NOT DISCRIMINATE AGAINST QUALIFIED PERSONS WITH DISABILITIES.

ATTACHMENT "A"



WOHLFORD DAM REPLACEMENT DESIGN

ASSUMPTIONS/DELIVERABLES

TASK NO. TITLE SCOPE

1.0 PROJECT MANAGEMENT, MEETINGS, AND WORKSHOPS

- 1.1 Project Management / Administration**
 - Request, prepare and submit Contract Amendments to the Contract Provisions.
 - Submit acceptable progress reports with monthly invoice.
 - Prepare tracking reports, log of design issue resolutions, and submit with monthly progress reports.
 - Prepare a change impact report for each proposed change to the project.
 - Prepare and update design project schedule.

1.2 Meetings and Workshops

- 1.2.1 Kickoff Meeting**
 - Prepare for and conduct one project kickoff meeting.
 - Issue draft meeting minutes within 7 working days following meeting. Incorporate draft comments and finalize.

1.2.2 Progress Meetings

- Prepare for and conduct monthly progress meetings.
- Issue draft meeting minutes within 7 working days following meeting. Incorporate draft comments and finalize.

1.2.3 Workshops

- Prepare for and conduct the following workshops:
 - Dam alternative workshop
 - Intake tower alternatives workshop
- Issue draft meeting minutes within 7 working days following meeting. Incorporate draft comments and finalize.

1.2.4 Review Meetings

- Prepare for and conduct the following meetings:
 - 60% review
 - 90% review
 - 100% review
- Issue draft meeting minutes within 7 working days following meeting. Incorporate draft comments and finalize.
- Review comments will be provided by the City in a spreadsheet format. B&V will provide responses for each comment within the spreadsheet.

2.0 PRELIMINARY ENGINEERING SERVICES

2.1 Topographic survey

- Aerial survey
 - Provide six targets tied to City of Escondido GPS control and benchmark
- Preliminary title reports for 2 parcels.
- Prepare legal description and sketch of new roadway.

WOHLFORD DAM REPLACEMENT DESIGN
TASK NO. TITLE
SCOPE
ASSUMPTIONS/DELIVERABLES

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| 2.2 | Geotechnical Services | <ul style="list-style-type: none"> o Provide 20 scale mapping at 1 foot contours system o Field survey to augment aerial mapping. o Field survey existing Oakvale roadway along portion to be re-aligned. o Coordinate with underground utilities services to get field mark-outs. o Provide preliminary title reports (2 parcels). o Provide legal descriptions and sketch of new road. o Provide ortho photo and associated targets for entire lake area. o Contours will only be developed for area near the dam and marina. | <ul style="list-style-type: none"> • As an additional service perform survey of lot 3 and prepare record of survey. • As an additional service, field survey County road so that existing legal description can be located. Doesn't include record of survey. • See Attachment A for areas where contours will be developed. |
| 2.2.1 | Geotechnical Review and Field Preparation | <ul style="list-style-type: none"> • Review and compile all available geologic and geotechnical data. • Contact USA and obtain borehole and other field exploration permitting. • Facilitate field exploration site visits with subcontractors. • Prepare scope of work for subcontractor activities. • Prepare Health & Safety Plan for field explorations (Kleinfelder). | <ul style="list-style-type: none"> • City to provide all existing geologic/geotechnical data performed to date that is in their possession. • Compile initial site plan with all existing data and geotechnical data volume with all borings and other geotechnical data. • Utilize previous investigations and background summary for GDR. • Copies of permits to be retained in Kleinfelder files. • Submit Health & Safety Plan. |
| 2.2.2 | Geotechnical and Seismic input to Work Plan for DSOD & FERC | <ul style="list-style-type: none"> • Develop field exploration plan. • Draft Work Plan preparation followed by design team review and comments and finalize Work Plan for agency submittal. • Follow up on geotechnical and seismic review comments from DSOD/FERC. • Attend one half day meeting with DSOD. • Attend one half day meeting with FERC. • Finalize Work Plan based on DSOD and FERC review comments. | <ul style="list-style-type: none"> • Field exploration plan. • Field exploration health and safety plan. • Draft Work Plan for design team review. • Final Work Plan incorporating DSOD and FERC comments. • Provide summary minutes from DSOD and FERC meetings. Distribute in pdf format. |
| 2.2.3 | Geotechnical explorations and laboratory testing | <ul style="list-style-type: none"> • Develop geotechnical alternatives analysis explorations: <ul style="list-style-type: none"> o Boring in RCC dam foundation • Geotechnical 30% design exploration: <ul style="list-style-type: none"> o Mobilization o Dam exploration (4 borings to 100 feet in dam foundation) o Perform shall backhoe test pit for tower bridge option o Geophysical and televiwer surveys in dam borings o Sampling of reservoir sediment at two locations near dam by Vibracore o Demobilization and site cleanup | <ul style="list-style-type: none"> • City to provide core storage. • Table of laboratory test results including representative subsurface engineering units consistent with section and profiles in 2.2.5. • Vibracore sampling assumes no granular materials are present and sediments are up to 15 feet thick. • Assumes that backhoe test pit for tower bridge option is within the limits shown from the GEI report. If this information if found to be inaccurate in the field a boring may requires as an additional service. |



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| | <ul style="list-style-type: none"> • Laboratory testing: <ul style="list-style-type: none"> ○ Soil <ul style="list-style-type: none"> ▪ Sieve analyses ▪ Moisture and density ▪ Atterbergs ▪ Environmental and geotechnical testing of Vibracore sediment samples ○ Rock <ul style="list-style-type: none"> ▪ Unconfined compressive strength • Optional services (not included in current scope and fee): <ul style="list-style-type: none"> ○ Road re-alignment explorations ○ Landslide explorations ○ Separate early mobilization for dam toe boring |
| 2.2.4 | <p>Seismic Analyses</p> <ul style="list-style-type: none"> • Update ground motion analyses. • Prepare Technical Memorandum for Seismic Design Parameters. • Optional services (not included in current scope and fee): <ul style="list-style-type: none"> ○ Earthquake time history development (3 total) |
| 2.2.5 | <p>Prepare Geotechnical Data Report (GDR) Amendment</p> <ul style="list-style-type: none"> • Prepare draft and final Geotechnical Data Report (GDR) Amendment. |
| 2.2.6 | <p>Prepare Geotechnical Interpretive Report (GIR)</p> <ul style="list-style-type: none"> • Prepare RCC Dam profiles (heel and toe) (2 total). • Prepare RCC maximum dam sections (3 total). • Prepare Geotechnical Interpretive Report. |
| 2.3 | <p>Permitting Assistance</p> |
| 2.3.1 | <p>DSOD Coordination, meetings, and permitting approval</p> <ul style="list-style-type: none"> • Meet with DSOD staff to present initial results of preliminary data review and initial dam selection. • Present proposed field work to DSOD based on selected dam alternative and obtain approval. • Provide Design Criteria Report for review and approval. Incorporate review comments as necessary. • Provide 60%, 90%, and 100% design packages to DSOD for review and approval. Incorporate DSOD review comments. |
| 2.3.2 | <p>FERC coordination, meetings, and</p> <ul style="list-style-type: none"> • Meet with FERC staff to present initial results of preliminary data review and initial dam selection. |

- If the backhoe test pit and associated geotechnical evaluations for the tower bridge design are not required a savings of \$11,000 will be deducted from this task.
- Design Seismic Parameters Technical Memorandum.
- Prepare draft and final reports. Provide 5 hard copies and 1 pdf.
- Geotechnical/Geologic profiles (4 total).
- Geotechnical/Geologic sections (5 total).
- Prepare draft and final reports. Provide 5 hard copies and 1 pdf.
- Assumes four local meeting with DSOD, each lasting four hours in duration.
- Submittal packages will include 3 half size and 1 full size set of drawings, along with 4 sets of specifications and 1 electronic pdf.
- Remaining hours for general coordination.
- Assumes five local meeting with FERC, each lasting four hours in duration.



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| TASK NO. | TITLE | SCOPE |
| | permitting approval | <ul style="list-style-type: none"> • Present proposed field work to FERC based on selected dam alternative and obtain approval. • Provide 60%, 90%, and 100% design packages to FERC for review and approval. Incorporate FERC review comments. |
| 2.3.3 | Local agency coordination (County of San Diego, City of Escondido, SDG&E) | <ul style="list-style-type: none"> • Agency coordination with County of San Diego to obtain the following permits: <ul style="list-style-type: none"> ○ Roadway re-alignment ○ Traffic Control • Agency coordination with SDG&E for construction power needs (i.e. RCC batch plant). • Agency coordination with City of Escondido to obtain the following permits: <ul style="list-style-type: none"> ○ Traffic control |
| 2.4 | Evaluation of Dam and Intake Tower Alternatives | |
| 2.4.1 | Dam Alternatives | |
| 2.4.1.1 | Development of Alternatives | <ul style="list-style-type: none"> • Develop schematic layouts, material quantities, and cost estimates for each alternative. • Describe each alternative relative to critical criteria including cost, constructability, environmental effects, etc. |
| 2.4.1.2 | Decision Memorandum | <ul style="list-style-type: none"> • Prepare technical memorandum that records the discussion and decision made during the dam alternative workshop. • The memorandum will include the primer package (Item 2.4.1.2) and summary of workshop minutes. |
| 2.4.2 | Intake Tower Alternatives | |
| 2.4.2.1 | Development of | <ul style="list-style-type: none"> • Develop schematic layouts, material quantities, and cost estimates for each alternative. • Develop schematic layouts, material quantities, and cost estimates for each alternative. |



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| TASK NO. | TITLE | SCOPE |
| | Alternatives | <p>alternative.</p> <ul style="list-style-type: none"> • Complete necessary structural and seismic calculations to confirm viability of each alternative. • Describe each alternative relative to critical criteria including cost, constructability, environmental effects, operation, etc. |
| 2.4.2.2 | Decision Memorandum | <ul style="list-style-type: none"> • Prepare technical memorandum that records the discussion and decision made during the dam alternative workshop. • The memorandum will include the primer package (Item 2.4.2.2) and summary of workshop minutes. |
| 2.5 | Engineering Analyses | |
| 2.5.1 | Design Criteria Memorandum | <ul style="list-style-type: none"> • Prepare a technical memorandum outlining the specific criteria and methodologies to be followed during the design process including: <ul style="list-style-type: none"> ○ Spillway design flood ○ Liquefaction potential ○ Stability loading conditions ○ Deformation ○ Structural ○ Mechanical, electrical and I&C • Draft document will be submitted to DSDO/FERC for review comment. |
| 2.5.2 | Facilities Plan | <ul style="list-style-type: none"> • Prepare a technical memorandum outlining the overall operation of the facility including past, current and future operations. |
| 2.5.3 | Dam Analyses | <ul style="list-style-type: none"> • Perform engineering analyses associated with an RCC dam alternative, including: <ul style="list-style-type: none"> ○ Seismic hazard analysis (update previous study) ○ Stability of existing dam (at the conclusion of the project) ○ RCC mix design ○ Foundation identification ○ Stability (FEA) ○ Seepage ○ Deformation/stress (FEA) ○ Abutment stability ○ Liquefaction of existing dam ○ Wave and seiche |
| 2.5.4 | Intake Tower & Pipeline Analyses | <ul style="list-style-type: none"> • Perform engineering analyses for design of renovations to existing Intake Tower and modifications to the outlet pipe: <ul style="list-style-type: none"> • Part of Comprehensive Memorandum (task 2.5.7). • Assumes selected tower alternative (Task 2.4.2) is |



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| | | <ul style="list-style-type: none"> o Seismic stability o Structural o Mechanical o Electrical and I&C o Pipe alignment (vertical & horizontal) | renovation of existing tower and minor structural rehabilitation is required. |
| 2.5.5 | Oakvale Road Relocation Analyses | <ul style="list-style-type: none"> • Perform engineering analyses associated with the relocation of Oakvale Road, including: <ul style="list-style-type: none"> o Road alignment (vertical & horizontal) o Rock cut stability. | <ul style="list-style-type: none"> • Part of Comprehensive Memorandum (task 2.5.7). |
| 2.5.6 | Spillway Analyses | <ul style="list-style-type: none"> • Perform engineering analyses associated with sizing of the principal/emergency spillway: <ul style="list-style-type: none"> o Design storm rainfall (update previous study) o Hydrology (update previous study) o Spillway hydraulics (weir configuration) o Downstream channel hydraulics. | <ul style="list-style-type: none"> • Assumes typical spillway for RCC dam (integral to dam). • Part of Comprehensive Memorandum (task 2.5.7). |
| 2.5.7 | Comprehensive Memorandum | <ul style="list-style-type: none"> • Compile engineering analyses from Items 2.5.3 to 2.5.6. • Prepare summary of the analyses. • Submit draft memorandum to DSOD/FERC review and comment. • Modify, revise analyses as necessary to achieve regulatory acceptance. | <ul style="list-style-type: none"> • Draft and final memoranda will be prepared. Submit 5 hard copies and pdf of draft and final. |
| 2.6 | RCC Mix Design | | |
| 2.6.1 | Identify material suppliers and analyze material properties | | |
| 2.6.1.1 | Identify material types to be used in RCC Mix | <ul style="list-style-type: none"> • Evaluate material types to be used in the RCC mix design | <ul style="list-style-type: none"> • Up to 5 suppliers will be contacted. • Expected duration of this phase is 1 month. |
| 2.6.1.2 | Develop estimated quantities of material types | <ul style="list-style-type: none"> • Estimate daily production rates and final quantities needed to construct the RCC dam. | <ul style="list-style-type: none"> • Based on RCC dam option. |
| 2.6.1.3 | Test proposed water supply | <ul style="list-style-type: none"> • Testing the proposed water supply to evaluate suitability for use in RCC. | <ul style="list-style-type: none"> • Assumes that water from Lake Wohlford will be used for RCC production. |
| 2.6.1.4 | Survey local suppliers of cement, fly ash, admixtures and | <ul style="list-style-type: none"> • Develop survey document for material suppliers • Review and evaluate survey document of material type properties from suppliers • Aggregate test results from 3rd party laboratories will be reviewed | <ul style="list-style-type: none"> • Assumes that cement, fly ash, and admixtures tests from suppliers provided at no cost. |



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aggregates

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| 2.6.1.5 | Produce report of identified suppliers | <ul style="list-style-type: none"> Develop report identifying material suppliers and their material types to be used in the trail batching of RCC. | <ul style="list-style-type: none"> Report will be prepared in digital format. Submit 5 hard copies and 1 pdf. |
| 2.6.2 | Develop batch testing program and test trial batch | | |
| 2.6.2.1 | Develop RCC Mix design trail batch testing program | <ul style="list-style-type: none"> Develop bracketed range water to cementitious ration (W/C+P) trial batch testing program. Developing aggregate percentages. Performing setting time tests to establish admixture dosage rates. | <ul style="list-style-type: none"> This initial testing based on single source supplier. Expected duration of this phase is 8-14 months and will initiate at the end of Phase 1. |
| 2.6.2.2 | Trial batch RCC Mix Design | <ul style="list-style-type: none"> Test and confirm material type properties for aggregate suppliers. Material preparation. Trial batch mixing and cylinder casting. Trial batch testing. | <ul style="list-style-type: none"> 7 coarse aggregate specific gravity tests. 3 fine aggregates specific gravity tests. 7 coarse aggregate absorption tests. 3 fine aggregate absorption tests. 3 sand equivalent tests. 3 clay lumps and friable particle tests. 7 LA abrasion, Flat and elongated, and fracture tests. 100 compressive strength results. 10 direct tensile tests. |
| 2.6.2.3 | Review testing results and produce report with recommendations | <ul style="list-style-type: none"> Evaluating testing results of the trial batching and prepare a report with recommended final mix design to be used in the Phase 3. | <ul style="list-style-type: none"> Report will be prepared in digital format. Submit 5 hard copies and 1 pdf. |
| 2.6.3 | Trial batch final mix design proportions | | |
| 2.6.3.1 | Trial batch RCC Mix design | <ul style="list-style-type: none"> Material preparation. Trial batch mixing and cylinder casting. Trial batching testing. | <ul style="list-style-type: none"> Will utilize all identified suppliers and their material types of aggregates, admixture, cement and fly ash from Phase 1. Expected duration of this phase is 8-14 months and will initial one month after the initiation of Phase 2. |



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| TASK NO. | TITLE | SCOPE |
| 2.6.3.2 | Review testing results and produce report with recommendations | <ul style="list-style-type: none"> Evaluate testing results of trial batching and prepare report with recommendations for final mix design for the RCC dam. |
| 3.0 ENVIRONMENTAL | | |
| 3.1 | Preparation of Environmental Technical Studies | |
| 3.1.1 | Biological Assessment | |
| 3.1.1.1 | Biological Reports and Agency Coordination | <ul style="list-style-type: none"> Biological Technical Report: <ul style="list-style-type: none"> Prepare a Biological Technical report at conclusion of survey and delineation tasks. Include current literature review, description of field survey techniques and methods, focused survey results, current site conditions, vegetation map, identified plant communities on the project site, and a compendia of all species observed. Identify project impacts based on project design. Provide recommendations for mitigation strategies to lessen any findings of significance. Identify areas of special concern such as vegetation communities or habitats addressed in the City's Subarea Plan or MHCP. Biological Assessment (BA): <ul style="list-style-type: none"> Determine if species protected by the Federal Endangered Species Act (FESA) that are not "covered species" under the MHCP would be potentially affected by the proposed project. Evaluate within the BA, the nature and extent of impacts to listed species and develop mitigation measures to facilitate and expedite USFWS consideration of FERC and/or USACE actions (e.g., issuance of permits, etc.) and issuance of a Biological Opinion (BO). 2080.1 Consistency Letter: <ul style="list-style-type: none"> Facilitate coordination between the City and both the USFWS and CDFG during the FESA Section 7 consultation process. Prepare a 2080.1 Consistency Determination Request Letter for submittal to the CDFG once the USFWS issues a Biological Opinion for the project. Assess existing vegetation mapping and compare existing conditions for |
| 3.1.1.2 | Botanical Surveys | <ul style="list-style-type: none"> Assess existing vegetation mapping and compare existing conditions for |
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| | | <ul style="list-style-type: none"> Report will be prepared in digital format. Submit 5 hard copies and 1 pdf. Assumes two meetings with agencies for facilitation of Section 7 Consultation. B&V meeting attendance is not required. Assumes one review of draft documents by the City. Assumes submittal of three hard copies and a digital PDF copy of the draft documents. Assumes submittal of three hard copies and a digital PDF copy of final documents. |



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| 3.1.1.3 | Wildlife Surveys | <p>vegetation types, their boundaries with current biological study area</p> <ul style="list-style-type: none"> • Conduct botanical surveys throughout the Survey Area during the appropriate blooming periods for target sensitive species. Surveys will document plant species observed, mapping the locations of special status plant species: <ul style="list-style-type: none"> ○ Survey 1: March –April, complete coverage of Survey Area. ○ Survey 2: May-June, complete coverage of Survey Area. • Count the number of individuals when a target special status plant is observed (or subsampled and estimated for large populations). Special status plant locations will be recorded with handheld GPS units as individual point locations, will be attributed with population estimates, and will subsequently be mapped on aerial photo-based field maps. <ul style="list-style-type: none"> ○ Prepare a complete floral species inventory for the Survey Area upon conclusion of botanical surveys. <p>Coastal California Gnatcatcher Surveys:</p> <ul style="list-style-type: none"> ○ Per USFWS guidelines, a total of 3 protocol surveys will be conducted during the breeding season from February 15 through August 30 with a minimum of seven days between surveys. ○ A qualified permitted biologist with a valid 10(a) (1)(A) permit will conduct the surveys and will be assisted by a second biologist for safety purposes. ○ Survey area estimated to be around 55 acres, but this may change pending a detailed habitat assessment. ○ Assumes two biologists will be able to sufficiently cover all potential gnatcatcher habitat during the survey window on 1 day for a total of 3 survey days. ○ A 45-day summary report will be submitted within 45 days of the completion of surveys to the USFWS. <p>Least Bell's Vireo Surveys:</p> <ul style="list-style-type: none"> ○ Per USFWS guidelines, a total of 8 protocol surveys will be conducted during the breeding season from April 10 through July 31 with a minimum of 10 days between surveys. ○ Two qualified biologists familiar with the vocalizations, plumages, and habits of least Bell's vireo will conduct the surveys. A valid 10(a)(1)(A) permit is not required as no "take" will occur through use of a playback. ○ Survey area estimated to be around 44 acres, but this may change pending a detailed habitat assessment. ○ Assumes two biologists will be able to sufficiently cover all potential vireo habitat during the survey window on 2 days for a total of 16 survey days. | <ul style="list-style-type: none"> • Assumes two report submittals, draft and final. Draft submittal will be electronic only, and the final submittal will include electronic delivery plus five hard copies. • Assumes no late-season survey (Survey 3) is necessary, but may not be required dependent on climatic and phenologic observations during the first two surveys. B&V will notify the City immediately if a third Botanical Survey is determined to be necessary for complete survey results. • Assumes no burrowing owl surveys as there are no known occurrences in the nearby vicinity and bare or sparsely vegetated habitat preferred by burrowing owls does not occur around Lake Wohlford. The Roller Compacted Concrete Dam does not involve the use of burrow pits where the majority of nonnative grassland is found. • A 45-day summary report to the USFWS is required for the protocol surveys conducted for each species. Thus, a summary report for the coastal California gnatcatcher, least Bell's vireo, southwestern willow flycatcher, and arroyo toad will be submitted within 45 days of the completion of surveys to the USFWS. • Assumes one draft of each 45-day report summary in digital format to the client for review prior to submittal to USFWS. |
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| | | <ul style="list-style-type: none"> ○ A 45-day summary report will be submitted within 45 days of the completion of surveys to the USFWS. ● Southwestern Willow Flycatcher Surveys: <ul style="list-style-type: none"> ○ Per USFWS guidelines, a total of 5 protocol surveys will be conducted during the breeding season from May 15 through July 17 with a minimum of 5 days between surveys. ○ A qualified permitted biologist with a valid 10(a)(1)(A) permit will conduct the surveys and will be assisted by a second biologist for safety purposes. ○ These surveys will be conducted on the same day as least Bell's vireo surveys to save costs. One biologist will conduct the least Bell's vireo survey and one biologist will conduct the southwestern willow flycatcher survey. Thus, the total cost for these surveys is included in the cost estimate for the least Bell's vireo surveys. ○ A 45-day summary report will be submitted within 45 days of the completion of surveys to the USFWS. ● Arroyo Toad Surveys: <ul style="list-style-type: none"> ○ Per USFWS guidelines, a total of 6 protocol surveys will be conducted from March 15 through July 1 with a minimum of seven days between surveys. ○ At least one survey will be conducted per month during April, May, and June. Surveys will include both a daytime and nighttime portion during the same 24 hr period. ○ Assumes two biologists will be able to sufficiently cover all potential arroyo toad habitat during the survey window on 1 day. Therefore six survey days will be required. ○ A 45-day summary report will be submitted within 45 days of the completion of surveys to the USFWS. ● General Wildlife Surveys: <ul style="list-style-type: none"> ○ Conduct a general wildlife survey throughout the project area to assess the potential habitat for a variety of CDFG Species of Special Concern. ○ Surveys will be conducted during the spring (April and May) and fall (October and November) for 1 week during both seasons. ○ Assumes two qualified biologists will be able to search for various reptile and amphibian, bird, bat, and mammal species of special concern. ○ Assumes five survey days will be required. ● Prepare a summary report at the conclusion of wildlife surveys. | |
| 3.1.1.4 | Jurisdictional Wetland | | <ul style="list-style-type: none"> ● Assumes survey area will not exceed 10 acres. ● Assumes formal field delineation can be completed in 8 |



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| | Delineation | <ul style="list-style-type: none"> Conduct the formal field delineations utilizing the latest federal and state guidance, methodologies, and mapping standards. Map the boundaries of all potential jurisdictional waters delineated within the project boundary with sub-meter GPS equipment and, ascertained for area and extent, using the latest available ESRI GIS software. Compile field data to display quantitative and biological information for aquatic features formally delineated within the survey area to summarizing the type, location and extent of potential jurisdictional waters. Prepare a formal Jurisdictional Delineation Report (JDR) and Jurisdictional Delineation Form per all appropriate regulatory frameworks and latest guidance documents for potential jurisdictional waters of the U.S. and state, formally delineated within the survey area that would be subject to review by the requisite resource agencies. Include a functions and values assessment documenting ecological baseline conditions at the time of the delineation, utilizing the California Rapid Assessment Method (CRAM). <ul style="list-style-type: none"> Submit JDR to the USACE for the purposes of acquiring a jurisdictional determination for the presence and/or absence of federal waters based upon verification of field findings by the USACE. The JDR will also contain information required to obtain necessary permits. | <ul style="list-style-type: none"> person days. Assumes incorporation of any additional delineation guidance provided by the resource agencies during and after all formal field delineation efforts. Assumes the City will provide 1-foot contour data and high resolution aerial imagery. Assumes one draft report submitted to the City in PDF format for review prior to USACE submittal. Assumes one site visit with the USACE and the CDFG both present at the same visit. Assumes the specialists who will conduct the field delineation survey will participate in meetings with USACE and CDFG. Assumes the JDR will not contain a detailed impact analysis or mitigation section. A detailed impact analysis will be presented in the suite of requisite permits and a detailed Conceptual Mitigation/Restoration plan will be provided separately as stand-alone documents. |
| 3.1.1.5 | Permitting | <ul style="list-style-type: none"> Clean Water Act (CWA) Section 404 Permitting: <ul style="list-style-type: none"> Confirm in a pre-application meeting(s) with the USACE the applicability of a CWA Section 404 Individual Permit (IP). Prepare IP permit application, including standard application, cover letter, project description, biological resources binder, avoidance and minimization measures, BMP maintenance manual and mitigation plan, and other necessary support documentation. CWA Section 401 Permitting: <ul style="list-style-type: none"> Prepare the CWA 401 Water Quality Certification application package. CDFG 1601 Streambed Alteration Agreement (SAA) <ul style="list-style-type: none"> Prepare the SAA form and provide the backup information for the package to be considered complete by CDFG. | <ul style="list-style-type: none"> Assumes all permit fees will be paid by the City. Assumes NEPA requirements will be resolved prior to submission of the IP to the USACE. Assumes CEQA will be resolved prior to submission of the 401 Certification package to the RWQCB and SAA to CDFG. Assumes two meetings with the client and resource agencies to discuss potential and continuing permit approach and issues. |
| 3.1.2 | Water Quality Analysis | <ul style="list-style-type: none"> Review all existing documentation that has been previously prepared. Facilitate early discussion with the City engineering and stormwater staff to lay out project impact expectations and propose BMP strategies for permitting and water quality compliance negotiations with the San Diego RWQCB and USACE. Conduct site visit to assess potential impacts from erosion, sedimentation, | <ul style="list-style-type: none"> Assumes City will provide supporting data and information, such as previous project site and drainage designs and pertinent CEQA studies, existing drainage infrastructure drawings, photos, plans, dam reports, and local water quality/stormwater compliance |



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| | | <p>turbidity, dredge/fill, and other related project activities.</p> <ul style="list-style-type: none"> Borrow areas, laydown sites, construction zones, similar construction related project areas, and nearby receiving waters will be evaluated. Describe regulatory background, site topography, land use, impervious surface, groundwater and water quality characteristics and analyze these topics relative to proposed project design. Incorporate information provided in the project Drainage Study and Hydromodification Management Plan. Identify the receiving water and potential project-related storm water discharges, and evaluate the existing surface water quality and potential project-related storm water impacts on the receiving water quality and hydromodification. Recommended project design features, BMP designs, or mitigation measures to minimize potential impacts if required. Assessment of regulatory compliance will focus on potential construction impacts and post-construction storm water management requirements that will include, but not be limited to: <ul style="list-style-type: none"> National Pollutant Discharge Elimination System General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities (Order 2010-0014-DWQ; amending 2009-0009-DWQ). Waste Discharge Requirements for Discharges of Urban Runoff from the Municipal Separate Storm Sewer Systems (MS4s) Draining the Watersheds of the County of San Diego, the Incorporated Cities of San Diego County, the San Diego Unified Port District, and the San Diego County Regional Airport Authority (Order R9-2007-0001). The City of Escondido Jurisdictional Urban Runoff Management Plan, including the Standard Urban Stormwater Mitigation Plan and the Hydromodification Management Plan. Summarize Section 303(d) Clean Water Act-listed water bodies (and their respective impairment constituents) in the project vicinity. Pollutants of concern will be linked with potential mitigation measures. Assess effects on hydrology conditions within the project footprint relative to site conditions and maintenance/repair expectations. Standard information such as floodplain limits and flood flow information will be obtained from FEMA maps. Provide NEPA analysis of Coastal Resources, as well as Wild and Scenic Rivers with a brief discussion of these issues and reasons why no adverse impacts are | <p>requirements if different from described.</p> <ul style="list-style-type: none"> Assumes City will supply any appropriate GIS layers for accurately depicting the environmental resources and utilities within the area affected. Assumes no development of a construction SWPPP and any related filing requirements with the State of California. Assumes three hard copies and CDs of the Water Quality Technical Report will be submitted to the City. Revisions are not proposed. Two multiagency (e.g., San Diego RWQCB, USACE, CDFG) meetings will be attended by a senior environmental scientist and an environmental engineer. |



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TASK NO. TITLE SCOPE ASSUMPTIONS/DELIVERABLES

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| 3.1.3 | Traffic Study | <p>expected to occur.</p> <ul style="list-style-type: none"> Document existing conditions including street widths, number of lanes, traffic signal locations and phasing, parking restrictions, and any special traffic control measures. Conduct AM/PM peak hour counts at up to six key intersections in the project area, focusing on the East Valley Parkway, Valley Center Road, and Lake Wohlford Road corridors. Exact intersections will be chosen once the source of materials and haul routes determined. Conduct or obtain recent 24-hour machine counts (ADTs) for the streets near the project site from City of Escondido and County of San Diego records. Fifteen segments will be analyzed. Specific segments will be chosen once materials source and haul routes are determined. Obtain traffic reports and relevant data for all short-term approved/pending cumulative projects in the project area. Determine the existing peak hour Levels of Service (LOS) at the key intersections using the 2000 Highway Capacity Manual (HCM) methodology and street segments using the City's or County's look-up table. Prepare construction trip generation forecast for the project on an AM/PM peak hour and twenty-four hour basis using site-specific parameters. Distribute and assign project construction traffic to the street system, separately for trucks and construction workers. Determine intersection and street segment LOS for the existing + project scenario. Focus on the East Valley Parkway, Valley Center Road, and Lake Wohlford Road corridors and Oakvale Road. Address the impacts of potential relocation of Oakvale Road. Identify the potential significant traffic impacts of the project and identify measures required to mitigate calculated project traffic impacts, if required. Determine cumulative traffic by reviewing traffic generation/distribution/assignment forecasts for cumulative projects in the nearby area from their respective traffic reports. Calculate the intersection LOS for the existing + project + cumulative projects scenario, determine the significance of potential cumulative impacts, and recommend mitigation if necessary. | <ul style="list-style-type: none"> Assumes analysis of 6 intersections and 15 roadway segments. Assumes one submittal of Draft Traffic report with text, tables, and graphic material for review. Assumes one revision of Draft Traffic report and resubmit Final Report (no new analysis assumed). Assumes one construction route. Assumes no quantitative analysis of project alternatives. Assumes attendance at two meetings. B&V meeting attendance not required. Assumes no project description changes once calculations have commenced. Assumes no response to public comment. |
| 3.1.4 | Visual Impact Assessment | <ul style="list-style-type: none"> Discuss with City staff the areas of known visual sensitivity and specific community concerns. Conduct field reconnaissance and complete viewshed analysis of the study area to identify segments where potential facilities could be visible, overlaid by | <ul style="list-style-type: none"> Visual Impact Assessment will be directed by a landscape architect licensed to practice in the State of California. Assume surrounding visual character imagery may be |





| WOHLFORD DAM REPLACEMENT DESIGN | |
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| TASK NO. | TITLE |
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| | <p>existing mapping layers of public facilities (e.g., schools, recreational areas, roadways). Mapping analysis will assist in focusing the initial site reconnaissance on visible areas.</p> <ul style="list-style-type: none"> Identify receptors to determine any potentially sensitive locations. Select, in consultation with the City a maximum of four Key Observation Points (KOPs) representing: <ul style="list-style-type: none"> Most critical viewpoints, special landscape features, or areas with a high degree of visual integrity, and Typical views encountered in the project area. Photograph selected KOPs. Photography of KOPs captured using digital SLR at a 50mm equivalent to most closely replicate the horizontal angle of observation experienced by the human eye. GPS points recorded for each photo location. Digital design drawings of proposed project features to be used for 3D Modeling. Describe local, state, and other applicable visual quality objectives and policies. Describe locations of sensitive visual resources and the types and interests of sensitive viewers. Develop baseline visual characterization of landscape setting, viewpoints, and viewer sensitivity based on the viewer typology and their typical expectation of views. Prepare a site plan showing the project viewshed and the locations of the KOPs. Develop still (i.e., not animated) 2D photo-realistic visual simulations of the project site and proposed project features. Includes four visual simulations depicting daytime post-project conditions. Evaluate potential impacts, accounting for design criteria and the intended project design features. Provide project design features or mitigation measures, if necessary. Prepare a GIS viewshed analysis for CEQA/NEPA documentation to measure adverse conditions for each alternative (assumes 1 viewshed analysis per alternative). Quantitative measurements will be utilized where feasible, such as acres of disturbance or the area of potential adverse condition occurrence. |
| 3.1.5 | Noise Analysis |
| | <p>Discuss with City staff the areas of known sensitivity and specific community concerns.</p> <ul style="list-style-type: none"> Conduct a noise survey with six short-term (15-30 minute) noise measurements and two 24-hour measurements. Discuss with project team the anticipated construction equipment use. Develop analysis of construction noise based on typical scenarios from similar types of projects. |
| | ASSUMPTIONS/DELIVERABLES |
| | <p>used to supplement contextual and regional visual setting discussions, but will not be included as part of the impact analysis.</p> <ul style="list-style-type: none"> Assumes one review and one revision cycle for the visual simulations. These simulations will be revised per comments received and any additional data that becomes available during the review. Assumes AECOM will be provided digital design drawings (AutoCAD) by project design engineer to facilitate any 3D modeling and the simulation process. This includes, but is not limited to, proposed layout plans, engineering drawings, and dimensions. Assumes that simulations will not be prepared as a part of cumulative impact analysis. Assumes one hard copy and one electronic file in PDF format of the Visual Impact Assessment per submittal. |

WOHLFORD DAM REPLACEMENT DESIGN

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| | <ul style="list-style-type: none"> Determine potential construction-related noise impacts, specifically focusing on heavy equipment operations at the dam site, the material source site (if not from commercial sources), and increased noise for haul truck material delivery. Assess changes with the existing and future noise environment based on changes to dam operations and noise from new stationary sources. Recommend design features or mitigation measures to reduce noise levels to comply with the City's Noise Element and Municipal Code. | |
| 3.1.6 | Air Quality Analysis | <ul style="list-style-type: none"> Discuss with project team the anticipated construction equipment use. Present relevant background information on the science of air quality, applicable regulations from the California Air Resources Board (ARB) and San Diego Air Pollution Control District (SDAPCD), and existing air pollutant conditions in the project area. Assess potential for air quality impacts, focusing on heavy equipment operations at the dam site, the material source site (if not from commercial sources), and increased emissions from haul trucks. Evaluate potential short-term construction scenarios and long-term operational criteria air pollutant emissions based on long-term project operations and new emissions sources. Model emissions using the most recent recommendations of SDAPCD and ARB, and most recent emission factors and usage statistics of identified project equipment. Assess impacts to nearby sensitive receptors from construction operation using SDAPCD localized significance thresholds methodology. Evaluate potential for Toxic Air Contaminants, carbon monoxide "hotspots", and increased odors from construction, stationary source, and vehicle operations to nearby sensitive receptors. Analyze project's compliance with regional air quality and land use policies and programs. |
| 3.1.7 | Greenhouse Gas (GHG) Emissions Analysis | <ul style="list-style-type: none"> Assumes one revision of Draft Air Quality Analysis and resubmit Final Report (no new analysis assumed). Assumes submittal of three hard copies and a digital PDF copy of the draft and final documents. Assumes no quantitative analysis of project alternatives. |
| | <ul style="list-style-type: none"> Discuss with project team the anticipated construction equipment use. Describe the background and scientific basis for climate change concerns and action and discuss any applicable federal, state, and local legislation relative to climate change. Calculate future GHG emissions using the methods of the California Climate Action Registry (CCAR) General Reporting Protocol, and emissions prepared for the primary air quality analysis where applicable. Determination impacts for GHG emissions generated by the project assessed with the most recent recommendations and requirements of the ARB and | <ul style="list-style-type: none"> Assumes one revision of Draft Air Quality Analysis and resubmit Final Report (no new analysis assumed). Assumes submittal of three hard copies and a digital PDF copy of the final document. Assumes no quantitative analysis of project alternatives. |



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| 3.1.8 | Cultural Resources Technical Report | <p>SCAQMD.</p> <ul style="list-style-type: none"> Conduct records search at the South Coastal Information Center. Examine reports, records, maps, and documents at other institutions, libraries, agencies, and archives. Contact the California Native American Heritage Commission (NAHC) to request a Sacred Lands file check. Conduct a contact program with Native American tribal representatives identified by the NAHC. Contact other interested parties, including local historical societies for information regarding historic resources in the study area. Conduct an intensive survey of the study area to identify archaeological and historic architectural resources. All undisturbed portions of the project corridor walked in transects by archaeologists to visually examine the ground surface for evidence of cultural resources. Map discovered archaeological resources using handheld GPS data recorders and recorded on Department of Parks and Recreation 523 forms. All appropriate procedures will be followed if historic architectural resources or archaeological resources are found. Assess impacts to all significant cultural resources potentially affected by construction or other substantial impact in technical report. Address impact thresholds set forth in NEPA and NHPA because of the involvement of federal agencies including FERC and the USACE, in addition to compliance with the City's CEQA requirements. Provide avoidance or mitigation measures, such as data recovery, if significant impacts are identified. <p>Section 106 consultation with SHPO is an anticipated federal requirement. Assist the lead federal agency with the Section 106 process by preparing documents and information for the lead agency to send to SHPO for concurrence.</p> | <ul style="list-style-type: none"> Assumes one revision of Draft Cultural Resources report and resubmit Final Report (no new analysis assumed). Assumes submittal of three hard copies and a digital PDF copy of the final document. Assumes no meeting attendance. Tribal representative outreach will include a letter and up to 3 follow-up phone calls. Assumes survey area of approximately 272 acres based on April 2010 water level. Assumes up to 5 cultural resources to be recorded on DPR 523 forms. Assumes two round of revisions of draft technical report (one from City, one from FERC) Assumes submittal of three hard copies and 1 digital copy of final technical report. Assumes no response to public comment. |
| 3.2 | Preparation of EIR/EA | | |
| 3.2.1 | Kickoff Meeting/Site Visit | <ul style="list-style-type: none"> Facilitate kickoff meeting with City, FERC, project staff, and key environmental team members to review information needs, discuss expectations for the environmental review process and products, and finalize schedule. Attend a site visit with the environmental team, project engineers, City staff, and FERC staff to share information. AECOM will photograph the site and environs to record existing conditions. Work with project engineers and geotechnical specialists to identify and provide environmental clearance for preliminary geotechnical work for geotechnical | <ul style="list-style-type: none"> Assumes kickoff meeting and site visit will occur on the same day. Assumes 8 hours for meeting preparation and attendance. Assumes 4 AECOM staff will attend. B&V Project Director and Project Manager will attend meeting. Assumes geotechnical work will utilize existing areas of exposed rock mostly free of vegetation that can be |
| 3.2.2 | Categorical Exemption/ | | |


WOHLFORD DAM REPLACEMENT DESIGN

| TASK NO. | TITLE | SCOPE | ASSUMPTIONS/DELIVERABLES |
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| | Exclusion for Preliminary Geotech Work | boring sites in the area surrounding the existing dam. | <ul style="list-style-type: none"> accessed easily by existing roads or helicopters. Assumes geotechnical borings will avoid the spring breeding season for nesting birds (approximately February 15 – August 31) Preparation of draft and final Categorical Exemption per CEQA and Categorical Exclusion per NEPA Assumes City and FERC will process the Categorical Exemption and Categorical Exclusion. Assumes City shall arrange meeting place and time for scoping meeting. Assumes NEPA document is an EA; thus, Notice of Intent is required. Assumes scoping meeting noticing is included in NOP distribution. Assumes City provides NOP distribution list. Assumes two AECOM team members attendance at scoping meeting. B&V meeting attendance not required. Assumes submittal of three hard copies and one digital version of the Administrative Draft EIR/EA. Assumes project description will have only minor future modifications that would not affect analysis or require new analysis once this task is complete. Assumes no quantitative analysis of alternatives. Assumes City will provide list of project in City jurisdiction. Assumes research at County of San Diego Department of Planning and Land Use to identify projects in County jurisdiction. Assumes submittal of 3 hard copies of and one digital version of the Screencheck Draft EIR/EA. Assumes printing of 30 hard copies of the EIR/EA and 50 cds of the documents. Digital files will be made available for posting on City website. |
| 3.2.3 | Initial Study/ Noticing/ Scoping Meeting | <ul style="list-style-type: none"> Prepare an Initial Study checklist per Appendix G of the CEQA Guidelines. Develop a Notice of Preparation (NOP) for the project in accordance with Section 15082 of the CEQA Guidelines stating that an EIR will be prepared. Assist City is distribution of NOP. Assist the City in noticing and facilitating a scoping meeting to receive comments on the NOP per CEQA requirements. The parallel NEPA environmental process will be presented to the public at this scoping meeting as well. Prepare appropriate materials for use and distribution at the scoping meeting. | |
| 3.2.4 | Administrative Draft EIR/EA | <ul style="list-style-type: none"> Prepare Administrative Draft EIR/EA once technical studies have been completed. The technical studies will meet the requirements of both CEQA and NEPA, and the joint EIR/EA will contain all required CEQA and NEPA sections and be legally adequate per all applicable requirements. Work with project team to define details of project description necessary for environmental analysis and completion of technical reports. Develop project objectives. Work with the project team to develop assumptions to use for environmental analyses. Work with project team to identify adequate range of project alternatives for evaluation in the EIR/EA. Identify projected growth and uses proposed in the project vicinity, and specific known projects, which would be additive to specific impacts of the project for cumulative analysis. | |
| 3.2.5 | Screencheck Draft EIR/EA | <ul style="list-style-type: none"> Incorporate all revisions and comments provide by the City, FERC, and project team on the Administrative Draft EIR/EA. | |
| 3.2.6 | Public Review Draft EIR/EA | <ul style="list-style-type: none"> Make final revisions from review of Screencheck Draft. Prepare and print a Public Review Draft EIR/EA once all Screencheck Draft revisions are approved by lead agencies. | |



WOHLFORD DAM REPLACEMENT DESIGN

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| | | <ul style="list-style-type: none"> Prepare a CEQA Notice of Availability (NOA) pursuant to CEQA requirements. Request FERC to post a NEPA NOA on the Federal register pursuant to NEPA requirements. Assist City in distribution of Public Review Draft EIR/EA and NOA. Assist City with submittal to the State Clearinghouse. Assist City in facilitating a public meeting to accept comments on the Draft EIR/EA during the 45-day public review period. | <ul style="list-style-type: none"> Assumes 2 environmental team members will attend public meeting. B&V meeting attendance not required. |
| 3.2.7 | Response to Comments | <ul style="list-style-type: none"> Prepare formal responses to comments provided on the Public Review Draft EIR/EA. Responses will be placed in side-by-side format with written comments to be included in the Final EIR/EA. | <ul style="list-style-type: none"> Assumes 75 substantial comments requiring response. |
| 3.2.8 | Final EIR/EA | <ul style="list-style-type: none"> Evaluate need for revisions to EIR/EA based on comments received. Prepare and print a Final EIR/EA once all revisions are approved. Prepare NEPA Finding of No Significant Impact (FONSI) and other required noticing. Prepare CEQA Findings of Fact and Overriding Considerations if necessary, and Notice of Determination (NOD). | <ul style="list-style-type: none"> Assumes printing of 30 hard copies of the EIR/EA and 50 cds of the documents. Digital files will be made available for posting on City website. |
| 3.2.9 | Mitigation Monitoring and Reporting Plan | <ul style="list-style-type: none"> Prepare a Mitigation Monitoring and Reporting Plan (MMRP) that incorporates all mitigation measures required by the EIR/EA and other supporting documents. MMRP shall specify the measure to be implemented, responsible party, timing, and reporting method. | <ul style="list-style-type: none"> Assumes printing of 30 hard copies of the MMRP and inclusion on the 50 cds of the Final EIR/EA. Digital files will also be made available for posting on City website. |

4.0 DETAILED DESIGN SERVICES

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| 4.1 | 60% Design Submittal | <ul style="list-style-type: none"> Prepare 60% drawings. Prepare 60% specification. Includes internal QA/QC review. | <ul style="list-style-type: none"> See anticipated drawings list for 60% package. Assumes 4 half size and 1 full size. Assumes 5 sets of specifications. Assumes 1 electronic pdf of drawings and specifications. Assumes 3 week review period by City. City to provide all relevant GIS files. All drawings to be produced in AutoCAD. Electrical design assumes that existing utility service is adequate to serve new facilities. Backup power (diesel generator) is not required. A new buried cast in place concrete vault will be provided along the emergency drain to house a new |
| 4.1.1 | 60% drawings and specifications | | |



WOHLFORD DAM REPLACEMENT DESIGN

TASK NO. TITLE SCOPE ASSUMPTIONS/DELIVERABLES

| TASK NO. | TITLE | SCOPE | ASSUMPTIONS/DELIVERABLES |
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| 4.1.2 | 60% opinion of probable construction cost | 60% opinion of probable construction cost estimate. | <ul style="list-style-type: none"> shut off gate valve. No HVAC design will be required. The existing penstock isolation valves (3 total) will be replaced with new gate valves. Design effort includes renovations to existing Intake Tower including new pedestrian bridge from shore or design of a new integral Intake Tower to the dam face. Final Intake Tower option to be determined from Task 2.4.2 above. Design of a new stand along Intake Tower is outside the scope of this contract. If the tower bridge design is not required a savings of \$10,000 will be deducted from this task. Assumes 5 hard copies and 1 pdf copy. |
| 4.1.3 | Constructability Review | Perform constructability review on 60% documents. | <ul style="list-style-type: none"> 40 hours allotted for this review. Review to occur concurrently with City review. |
| 4.2 | 90% Design Submittal | | |
| 4.2.1 | 90% drawings and specifications | <ul style="list-style-type: none"> Incorporate 60% review comments. Prepare 90% drawings. Prepare 90% specification. Review City Front End Documents and provide comments. Prepare bid quantity. Includes internal QA/QC review. | <ul style="list-style-type: none"> See anticipated drawings list for 90% package. Assumes 4 half size and 1 full size. Assumes 5 sets of specifications. Assumes 1 electronic pdf of drawings and specifications. Assumes 3 week review period by City. If the tower bridge design is not required a savings of \$10,000 will be deducted from this task. Assumes 5 hard copies and 1 pdf copy. |
| 4.2.2 | 90% opinion of probable construction cost | Prepare 90% opinion of probable construction cost estimate. | |
| 4.2.3 | Constructability Review | Perform constructability review on 90% documents. | <ul style="list-style-type: none"> 40 hours allotted for this review. Review to occur concurrently with City review. |
| 4.3 | 100% Design Submittal | | |
| 4.3.1 | 100% drawings and specifications | <ul style="list-style-type: none"> Incorporate 90% review comments. Prepare 100% drawings. Prepare 100% specification. Review City Front End Documents and provide comments. | <ul style="list-style-type: none"> See anticipated drawings list for 100% package. Assumes 4 half size and 1 full size. Assumes 5 sets of specifications. Assumes 1 electronic pdf of drawings and specifications. |

WOHLFORD DAM REPLACEMENT DESIGN

| TASK NO. | TITLE | SCOPE | ASSUMPTIONS/DELIVERABLES |
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| 4.4 | Final Design Submittal | <ul style="list-style-type: none"> • Prepare bid quantity. • Includes internal QA/QC review. | <ul style="list-style-type: none"> • Assumes 3 week review period by City. • If the tower bridge design is not required a savings of \$5,000 will be deducted from this task. |
| 4.4.1 | Final drawings and specifications | <ul style="list-style-type: none"> • Incorporate 100% • Prepare Final camera ready bid drawings. • Prepare Final camera ready bid specification. • Review City Front End Documents and provide comments. • Prepare bid quantity. • Includes internal QA/QC review. | <ul style="list-style-type: none"> • See anticipated drawings list for Final package. • Assumes 1 full size signed copy on bond. • Assumes 1 hard set of original specifications with signed cover. • Assumes 1 electronic pdf of drawings and specifications. |
| 4.4.2 | Final opinion of probable construction cost | <ul style="list-style-type: none"> • Prepare Final opinion of probable construction cost estimate. | <ul style="list-style-type: none"> • Assumes 5 hard copy and 1 pdf copy. |
| 5.0 | PUBLIC OUTREACH | | |
| 5.1 | Public Information and Outreach Plan | <ul style="list-style-type: none"> • Draft and finalize a Public Information Plan at initiation of the project, to include public outreach and involvement activities that will support the Lake Wohlford Dam Replacement. | <ul style="list-style-type: none"> • Assumes two rounds of review by City. |
| 5.2 | Informational Materials | <ul style="list-style-type: none"> • Notices: Draft and design notices for up to two community meetings; also draft copy for up to four notices of construction activity to be placed with news publications, at businesses in the Lake Wohlford area, and on the City website. • Fact Sheet and FAQ: Develop an easy-to-read fact sheet and one FAQ which will include project contact names and numbers. Katz & Associates (K&A) will also send the materials to the city to include on the city's website and to place at the Lake Wohlford information kiosk. | <ul style="list-style-type: none"> • All content will be drafted by Katz & Associates with up to two rounds of revisions and review by the City. • Assumes meeting notices are one color, double-sided postcard size. • Assumes fact sheet and FAQ are two color, double-sided 8.5" x 11" . • Assumes printing of all materials will be paid by City. |
| 5.3 | Community Meetings | <ul style="list-style-type: none"> • Prepare for and conduct up to two community meetings (open house format) to share project information with the public. Includes meeting design and facilitation, coordinating meeting logistics, as well as developing poster boards, sign in sheets and comment forms). Katz & Associates staff will staff the sign-in table, collect written comments and prepare a summary of each meeting for review by city staff. | <ul style="list-style-type: none"> • Assumes 3 hour duration per meeting. • Assumes meeting facilitation by K&A project manager, as well as meeting management and support by two K&A staff. B&V project director and project manager will also attend. • Agency professionals will be in attendance as required. |
| 5.4 | Stakeholder Meetings | <ul style="list-style-type: none"> • Identify key stakeholders, community and business leaders and organization representatives that reflect the range of interests related to Lake Wohlford. Develop a stakeholder database and update it based on sign-in sheets for scoping meetings and other community meetings for the project. | <ul style="list-style-type: none"> • Assumes questionnaire to be reviewed and approved by City project manager. • Expenses include mileage to conduct one-on-one stakeholder interviews. |



| WOHLFORD DAM REPLACEMENT DESIGN | |
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| TASK NO. | TITLE |
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| 5.5 | <p>Project Management / Administration</p> <ul style="list-style-type: none"> Schedule and conduct up to 8 one-on-one meetings with key stakeholders to discuss the project concept and gather input. Includes development of a meeting guide questionnaire. Prepare a brief summary of key findings and associated recommendations as appropriate. Submit acceptable progress reports with monthly invoice. Prepare tracking reports, log of design issue resolutions, and submit with monthly progress reports. Participate in up to three progress meetings |
| 6.0 | <p>FUNDING</p> |
| 6.1 | <p>Funding Workshop</p> <ul style="list-style-type: none"> Expand upon the City's Project planning efforts to identify agency funding and legislative funding options that originate from direct legislative action. This effort results in the development of a matrix providing a summary of available funding programs. Meet with the City to discuss legislative funding and to determine the nature, scope, project makeup and cost of implementation of a Project or Project component to be included in a legislative funding request. This activity will focus on determining unique Project features and include an initial technical review of all existing funding and Project background information. This effort will target all available project funding possibilities. These includes, but is not limited to, the following traditional Appropriations Bills that have contained Dam Replacement Funding in the past: <ul style="list-style-type: none"> Interior, Environment and Related Agencies. Energy and Water Development. Agriculture, Rural Development, Food and Drug Administration and Related Agencies. |
| 6.2 | <p>Legislative Funding Packaging</p> <ul style="list-style-type: none"> Upon final Project component selection, draft an initial Legislative Funding Package including the technical aspects of the Project for review by the City and draft typical Package support letters for the City's use in securing written funding support from interested parties. Provide the draft Package to the City for review, comments, input and strategic information to help sharpen the presentation. Revise the Package accordingly and provide the City with a final Package for use in presentations to local, state and federal officials with an interest in the Project. |
| | <ul style="list-style-type: none"> K&A project manager along with B&V project director and project manager will attend meetings. Assumes project duration of 24 months. Monthly invoices will be submitted electronically via email. Assumes 2 hours per progress meeting at HARRF. Not applicable. Not applicable. |



| WOHLFORD DAM REPLACEMENT DESIGN | | |
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| TASK NO. | TITLE | SCOPE |
| 6.3 | Legislative Monitoring Assistance | <ul style="list-style-type: none"> Update the Package prepared in Phase 2 to include information learned from the results of the FY2013 Congressional Appropriations process. Be available by phone, e-mail and fax to discuss, review and support the Package to interested parties throughout the two Appropriations cycle. Attend up to 4 days of meetings and/or presentations with the agency personal or Congressional Delegation Members or their Staff to discuss, review and support the Package. Monitor and update the City on national funding happenings that may affect the scope or content of the Package presentations or provide alternative capital funding opportunities for the entire Congressional Appropriations cycle. |
| ASSUMPTIONS/DELIVERABLES | | |
| | | <ul style="list-style-type: none"> Not applicable. |
| ADDITIONAL ASSUMPTIONS | | |
| | | <ul style="list-style-type: none"> All permit fees to be paid for by City. Scope of work and fee as outlined above and in the associated fee spreadsheet is based upon RCC dam type selection for design. |



City of Escondido
Wohlfarth Dam Replacement Design Project
Cost Proposal

| TASK # | DESCRIPTION | \$235 | \$200 | \$235 | QC Manager/Technical Specialist | Task Manager | Senior Engineer II | Senior Engineer I | Project Engineer | Staff Engineer | Cost Estimator | CAD Technician | Admin./Finance | Critical | Total Hours | Total Labor | \$/Hourly | Direct Expenses ⁽¹⁾ | Subcontract - Geotech ⁽¹⁾ | Subcontract - Elect ⁽¹⁾ | Subcontract - Environ ⁽¹⁾ | Subcontract - Civil/Struct - Misc | Design ⁽¹⁾ | Total |
|--|---|-------|-------|-------|---------------------------------|--------------|--------------------|-------------------|------------------|----------------|----------------|----------------|----------------|----------|-------------|-------------|-----------|--------------------------------|---|---------------------------------------|---|---|-----------------------|----------|
| TASK 1: PROJECT MANAGEMENT SERVICES, PERMITS, AND WORKSHOPS | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.1 | Project Management / Administration | 40 | 80 | | | | | | | | | | | | 80 | \$4,000 | \$50.00 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$4,000 |
| 1.2 | Meetings and Workshops | 4 | 8 | 16 | 4 | 16 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 80 | \$4,000 | \$50.00 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$4,000 |
| 1.2.1 | Meetings and Workshops | 4 | 8 | 16 | 4 | 16 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 80 | \$4,000 | \$50.00 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$4,000 |
| 1.2.2 | Meetings and Workshops | 4 | 8 | 16 | 4 | 16 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 80 | \$4,000 | \$50.00 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$4,000 |
| 1.2.3 | Workshops | 8 | 20 | 12 | 28 | 54 | 54 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 324 | \$22,680 | \$70.88 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$22,680 |
| 1.2.4 | Review Meetings | 10 | 24 | 12 | 48 | 37 | 37 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 134 | \$24,576 | \$183.33 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$24,576 |
| TASK 2: PRELIMINARY ENGINEERING SERVICES | | | | | | | | | | | | | | | | | | | | | | | | |
| TASK 2.1: TOPOGRAPHIC SURVEY | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.1.1 | Topographic Survey | 4 | 8 | | | | | | | | | | | | 8 | \$400 | \$50.00 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$400 |
| 2.1.2 | Geotechnical Services | 8 | 16 | 20 | 10 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 186 | \$18,600 | \$100.00 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$18,600 |
| 2.1.2.1 | Geotechnical review and field preparation | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 7 | \$700 | \$100.00 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$700 |
| 2.1.2.2 | Geotechnical and seismic input to Work Plan for DSD and FERC | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 7 | \$700 | \$100.00 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$700 |
| 2.1.2.3 | Geotechnical explorations and laboratory testing | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 7 | \$700 | \$100.00 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$700 |
| 2.1.2.4 | Geotechnical Data Report (GDR) Amendment | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 7 | \$700 | \$100.00 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$700 |
| 2.1.2.5 | Prepare Geotechnical Interpretive Report (GIR) | 4 | 8 | 20 | 10 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 118 | \$11,800 | \$100.00 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$11,800 |
| 2.1.2.6 | Prepare Geotechnical Interpretive Report (GIR) | 4 | 8 | 20 | 10 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 29 | \$2,900 | \$100.00 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$2,900 |
| 2.1.3 | Permitting Assistance | 8 | 16 | 20 | 10 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 186 | \$18,600 | \$100.00 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$18,600 |
| 2.1.3.1 | DSD coordination, meetings, and permitting approval | 8 | 16 | 20 | 10 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 186 | \$18,600 | \$100.00 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$18,600 |
| 2.1.3.2 | FERC coordination, meetings, and permitting approval | 8 | 16 | 20 | 10 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 186 | \$18,600 | \$100.00 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$18,600 |
| 2.1.3.3 | local agency coordination (County of San Diego, City of Escondido, SDC&E) | 6 | 12 | 16 | 8 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 56 | \$5,600 | \$100.00 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$5,600 |
| TASK 2.2: DAM ALTERNATIVES | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.2.1 | Dam Alternatives | 2 | 4 | | | | | | | | | | | | 4 | \$400 | \$100.00 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$400 |
| 2.2.1.1 | Development of Alternatives | 2 | 4 | | | | | | | | | | | | 4 | \$400 | \$100.00 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$400 |
| 2.2.1.1.1 | Primary analysis (stability, seepage, etc. as needed) | 2 | 4 | 8 | 4 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 62 | \$6,200 | \$100.00 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$6,200 |
| 2.2.1.1.2 | Cost estimating | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 54 | \$5,400 | \$100.00 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$5,400 |
| 2.2.1.1.3 | Options Memorandum | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 58 | \$5,800 | \$100.00 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$5,800 |
| 2.2.1.2 | Develop and submit draft memorandum to City and regulatory agencies | 2 | 4 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 54 | \$5,400 | \$100.00 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$5,400 |
| 2.2.1.2.1 | Incorporate review comments and issue final memorandum | 2 | 4 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 44 | \$4,400 | \$100.00 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$4,400 |
| 2.2.2 | Intake Tower Alternatives | 2 | 4 | | | | | | | | | | | | 4 | \$400 | \$100.00 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$400 |
| 2.2.2.1 | Development of Alternatives | 2 | 4 | | | | | | | | | | | | 4 | \$400 | \$100.00 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$400 |
| 2.2.2.1.1 | Primary analysis (stability, uplift, excavation) | 2 | 4 | 8 | 4 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 66 | \$6,600 | \$100.00 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$6,600 |
| 2.2.2.1.2 | Cost estimating | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 54 | \$5,400 | \$100.00 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$5,400 |
| 2.2.2.2 | Decision Memorandum | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 54 | \$5,400 | \$100.00 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$5,400 |
| 2.2.2.2.1 | Develop and submit draft memorandum to City and regulatory agencies | 2 | 4 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 52 | \$5,200 | \$100.00 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$5,200 |
| 2.2.2.2.2 | Incorporate review comments and issue final memorandum | 2 | 4 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 44 | \$4,400 | \$100.00 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$4,400 |
| TASK 2.3: ENGINEERING ANALYSES | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.3.1 | Engineering Analyses | 2 | 4 | | | | | | | | | | | | 4 | \$400 | \$100.00 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$400 |
| 2.3.1.1 | Design Criteria Memorandum | 2 | 4 | | | | | | | | | | | | 4 | \$400 | \$100.00 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$400 |
| 2.3.1.1.1 | Primary analysis (stability, uplift, excavation) | 2 | 4 | 8 | 4 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 66 | \$6,600 | \$100.00 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$6,600 |
| 2.3.1.1.2 | Cost estimating | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 54 | \$5,400 | \$100.00 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$5,400 |
| 2.3.1.2 | Decision Memorandum | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 54 | \$5,400 | \$100.00 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$5,400 |
| 2.3.1.2.1 | Develop and submit draft memorandum to City and regulatory agencies | 2 | 4 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 52 | \$5,200 | \$100.00 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$5,200 |
| 2.3.1.2.2 | Incorporate review comments and issue final memorandum | 2 | 4 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 44 | \$4,400 | \$100.00 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$4,400 |
| 2.3.2 | Facilities Plan | 2 | 4 | | | | | | | | | | | | 4 | \$400 | \$100.00 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$400 |
| 2.3.2.1 | Design Criteria Memorandum | 2 | 4 | | | | | | | | | | | | 4 | \$400 | \$100.00 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$400 |
| 2.3.2.1.1 | IFC, etc design | 2 | 4 | 16 | 8 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 78 | \$7,800 | \$100.00 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$7,800 |
| 2.3.2.1.2 | Foundation elevation/configuration | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 22 | \$2,200 | \$100.00 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$2,200 |
| 2.3.2.1.3 | IFC, etc design | 2 | 4 | 16 | 8 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 78 | \$7,800 | \$100.00 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$7,800 |
| 2.3.2.2 | IFC, etc design | 2 | 4 | 16 | 8 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 78 | \$7,800 | \$100.00 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$7,800 |
| 2.3.2.2.1 | Foundation elevation/configuration | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 22 | \$2,200 | \$100.00 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$2,200 |
| 2.3.2.2.2 | IFC, etc design | 2 | 4 | 16 | 8 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 78 | \$7,800 | \$100.00 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$7,800 |
| 2.3.3 | IFC, etc design | 2 | 4 | 16 | 8 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 78 | \$7,800 | \$100.00 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$7,800 |
| 2.3.3.1 | Foundation elevation/configuration | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 22 | \$2,200 | \$100.00 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$2,200 |
| 2.3.3.2 | IFC, etc design | 2 | 4 | 16 | 8 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 78 | \$7,800 | \$100.00 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$7,800 |
| 2.3.3.3 | Foundation elevation/configuration | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 22 | \$2,200 | \$100.00 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$2,200 |
| 2.3.3.4 | IFC, etc design | 2 | 4 | 16 | 8 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 78 | \$7,800 | \$100.00 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$7,800 |
| 2.3.4 | IFC, etc design | 2 | 4 | 16 | 8 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 78 | \$7,800 | \$100.00 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$7,800 |
| 2.3.4.1 | Foundation elevation/configuration | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 22 | \$2,200 | \$100.00 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$2,200 |
| 2.3.4.2 | IFC, etc design | 2 | 4 | 16 | 8 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 78 | \$7,800 | \$100.00 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$7,800 |
| 2.3.4.3 | Foundation elevation/configuration | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 22 | \$2,200 | \$100.00 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$2,200 |
| 2.3.4.4 | IFC, etc design | 2 | 4 | 16 | 8 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 78 | \$7,800 | \$100.00 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$7,800 |
| 2.3.4.5 | Foundation elevation/configuration | | | | | | | | | | | | | | | | | | | | | | | |



City of Escondido
Wohlfarth Dam Replacement Design Project
Cost Proposal

| TASK # | DESCRIPTION | \$235 | \$200 | \$235 | QC Manager, Technical Specialist | Task Manager | Senior Engineer II | Senior Engineer I | Project Engineer | Staff Engineer | Cost Estimator | CAD Technician | Admin, Finance, Clerical | Total Hours | Total Labor (\$750 Hourly) | Direct Expenses ⁽¹⁾ | Geotech ⁽²⁾ | Entire ⁽³⁾ | Subcontract - Misc (Survey, Traffic Control, Roadway) | Design ⁽⁴⁾ | Total |
|---------------------------------------|--|-------|-------|-------|----------------------------------|--------------|--------------------|-------------------|------------------|----------------|----------------|----------------|--------------------------|-------------|----------------------------|--------------------------------|------------------------|-----------------------|---|-----------------------|-----------|
| 2.5.5 | Onsite lead reduction analysis | | | | | | | | | | | | | 18 | \$7,662 | \$140 | \$0 | \$0 | \$0 | \$7,802 | \$10,062 |
| 2.5.5.1 | Vertical and horizontal layout | | | | | | | | | | | | | 78 | \$31,900 | \$500 | \$0 | \$0 | \$0 | \$0 | \$32,400 |
| 2.5.6 | 2.5.5.2 Constructability (LDC analysis) | | | | | | | | | | | | | 12 | \$11,900 | \$500 | \$0 | \$0 | \$0 | \$0 | \$12,400 |
| 2.5.6.1 | Hydrology and Dam development | | | | | | | | | | | | | 12 | \$11,900 | \$500 | \$0 | \$0 | \$0 | \$0 | \$12,400 |
| 2.5.6.2 | Spillway hydraulics | | | | | | | | | | | | | 12 | \$11,900 | \$500 | \$0 | \$0 | \$0 | \$0 | \$12,400 |
| 2.5.6.3 | Downstream channel hydraulics | | | | | | | | | | | | | 8 | \$5,176 | \$250 | \$0 | \$0 | \$0 | \$0 | \$5,426 |
| 2.5.7 | Develop and submit memorandum to City and regulatory agencies | | | | | | | | | | | | | 100 | \$55,676 | \$250 | \$0 | \$0 | \$0 | \$0 | \$56,176 |
| 2.5.7.1 | Complete analyses | | | | | | | | | | | | | 36 | \$55,846 | \$250 | \$0 | \$0 | \$0 | \$0 | \$56,116 |
| 2.5.7.2 | Drawing development | | | | | | | | | | | | | 116 | \$77,040 | \$970 | \$0 | \$0 | \$0 | \$0 | \$78,010 |
| 2.5.7.3 | Incorporate review comments and issue final memorandum | | | | | | | | | | | | | 8 | \$7,376 | \$380 | \$0 | \$0 | \$0 | \$0 | \$7,756 |
| TASK 2.6 RCC Mix Design | | | | | | | | | | | | | | | | | | | | | |
| 2.6.1 | Identify material suppliers and analyze material properties | | | | | | | | | | | | | 0 | \$0 | \$0 | \$6,710 | \$0 | \$0 | \$0 | \$6,710 |
| 2.6.1.1 | Identify material types to be used in RCC mix | | | | | | | | | | | | | 0 | \$0 | \$0 | \$11,420 | \$0 | \$0 | \$0 | \$11,420 |
| 2.6.1.2 | Obtain material test results or material types | | | | | | | | | | | | | 0 | \$0 | \$0 | \$4,600 | \$0 | \$0 | \$0 | \$4,600 |
| 2.6.1.3 | Test proposed water supply | | | | | | | | | | | | | 0 | \$0 | \$0 | \$4,600 | \$0 | \$0 | \$0 | \$4,600 |
| 2.6.1.4 | Survey local suppliers of cement, fly ash, admixtures and aggregates | | | | | | | | | | | | | 0 | \$0 | \$0 | \$1,210 | \$0 | \$0 | \$0 | \$1,210 |
| 2.6.1.5 | Produce report of identified suppliers | | | | | | | | | | | | | 0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 2.6.2 | Develop batch testing program and test trial batch | | | | | | | | | | | | | 0 | \$0 | \$0 | \$20,300 | \$0 | \$0 | \$0 | \$20,300 |
| 2.6.2.1 | Develop RCC mix design trial batch testing program | | | | | | | | | | | | | 0 | \$0 | \$0 | \$76,200 | \$0 | \$0 | \$0 | \$76,200 |
| 2.6.2.2 | Final batch RCC mix designs | | | | | | | | | | | | | 0 | \$0 | \$0 | \$76,200 | \$0 | \$0 | \$0 | \$76,200 |
| 2.6.2.3 | Final batch RCC mix designs | | | | | | | | | | | | | 0 | \$0 | \$0 | \$16,640 | \$0 | \$0 | \$0 | \$16,640 |
| 2.6.3 | Final mix design report | | | | | | | | | | | | | 0 | \$0 | \$0 | \$50,500 | \$0 | \$0 | \$0 | \$50,500 |
| 2.6.3.1 | Final batch RCC mix designs | | | | | | | | | | | | | 0 | \$0 | \$0 | \$22,510 | \$0 | \$0 | \$0 | \$22,510 |
| 2.6.3.2 | Review testing results and produce report with recommendations | | | | | | | | | | | | | 0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| TASK 2.7 EIR/EA | | | | | | | | | | | | | | | | | | | | | |
| TASK 2.7.1 EIR/EA | | | | | | | | | | | | | | | | | | | | | |
| 2.7.1.1 | Prepare Environmental Technical Studies | | | | | | | | | | | | | 8 | \$1,180 | \$60 | \$0 | \$61,810 | \$0 | \$0 | \$63,050 |
| 2.7.1.1.1 | Biological Resources and Agency Coordination | | | | | | | | | | | | | 4 | \$1,075 | \$60 | \$0 | \$44,210 | \$0 | \$0 | \$45,215 |
| 2.7.1.1.2 | Revised Surveys (2 regional surveys) | | | | | | | | | | | | | 4 | \$1,140 | \$60 | \$0 | \$48,390 | \$0 | \$0 | \$49,390 |
| 2.7.1.1.3 | Wildlife Surveys (GDL, LBV, SWL, Arroyo Toad, and General Survey) | | | | | | | | | | | | | 4 | \$1,425 | \$70 | \$0 | \$34,650 | \$0 | \$0 | \$35,125 |
| 2.7.1.1.4 | Jurisdictional Wetland Determination | | | | | | | | | | | | | 9 | \$730 | \$70 | \$0 | \$31,650 | \$0 | \$0 | \$32,350 |
| 2.7.1.1.5 | Resource Agency Permitting (TCE Species and Wetlands) | | | | | | | | | | | | | 8 | \$945 | \$50 | \$0 | \$53,890 | \$0 | \$0 | \$54,390 |
| 2.7.1.2 | Resource Agency Permitting (TCE Species and Wetlands) | | | | | | | | | | | | | 280 | \$4,080 | \$250 | \$0 | \$32,700 | \$0 | \$0 | \$33,950 |
| 2.7.1.3 | Traffic Study | | | | | | | | | | | | | 62 | \$4,730 | \$250 | \$0 | \$34,400 | \$0 | \$0 | \$35,380 |
| 2.7.1.4 | Visual Impact Assessment | | | | | | | | | | | | | 30 | \$4,730 | \$180 | \$0 | \$39,390 | \$0 | \$0 | \$40,170 |
| 2.7.1.5 | Noise Analysis | | | | | | | | | | | | | 16 | \$4,730 | \$180 | \$0 | \$39,390 | \$0 | \$0 | \$40,170 |
| 2.7.1.6 | Air Quality Analysis | | | | | | | | | | | | | 15 | \$4,730 | \$180 | \$0 | \$39,390 | \$0 | \$0 | \$40,170 |
| 2.7.1.7 | Greenhouse Gas Emissions Analysis | | | | | | | | | | | | | 30 | \$4,730 | \$180 | \$0 | \$39,390 | \$0 | \$0 | \$40,170 |
| 2.7.1.8 | Cultural Resources Technical Report | | | | | | | | | | | | | 7 | \$4,000 | \$200 | \$0 | \$39,760 | \$0 | \$0 | \$40,760 |
| 2.7.2 | Prepare EIR/EA | | | | | | | | | | | | | 8 | \$1,670 | \$60 | \$0 | \$4,990 | \$0 | \$0 | \$5,050 |
| 2.7.2.1 | Revised Surveys (2 regional surveys) | | | | | | | | | | | | | 2 | \$600 | \$30 | \$0 | \$2,860 | \$0 | \$0 | \$2,920 |
| 2.7.2.2 | Categorical Determination/Decision for Preliminary Research Work | | | | | | | | | | | | | 2 | \$4,120 | \$180 | \$0 | \$36,210 | \$0 | \$0 | \$36,710 |
| 2.7.2.3 | Administrative Draft EIR/EA | | | | | | | | | | | | | 24 | \$4,120 | \$180 | \$0 | \$36,210 | \$0 | \$0 | \$36,710 |
| 2.7.2.4 | Screencheck Draft EIR/EA | | | | | | | | | | | | | 22 | \$3,650 | \$170 | \$0 | \$37,060 | \$0 | \$0 | \$37,630 |
| 2.7.2.5 | Public Review Draft EIR/EA | | | | | | | | | | | | | 24 | \$4,120 | \$180 | \$0 | \$36,210 | \$0 | \$0 | \$36,710 |
| 2.7.2.6 | Response to Comments | | | | | | | | | | | | | 7 | \$3,650 | \$170 | \$0 | \$32,910 | \$0 | \$0 | \$33,480 |
| 2.7.2.7 | Final EIR/EA | | | | | | | | | | | | | 24 | \$4,120 | \$180 | \$0 | \$36,210 | \$0 | \$0 | \$36,710 |
| 2.7.2.8 | Prepare Mitigation Monitoring and Reporting Plan | | | | | | | | | | | | | 10 | \$1,510 | \$60 | \$0 | \$7,930 | \$0 | \$0 | \$8,090 |
| TASK 2.7.3 EIR/EA | | | | | | | | | | | | | | | | | | | | | |
| 2.7.3.1 | 60% Design Submittal | | | | | | | | | | | | | 2,416 | \$324,082 | \$4,000 | \$31,440 | \$0 | \$8,462 | \$0 | \$364,984 |
| 2.7.3.2 | Prepare drawings and specifications | | | | | | | | | | | | | 164 | \$23,280 | \$1,230 | \$0 | \$6,500 | \$0 | \$0 | \$25,010 |
| 2.7.3.3 | Prepare opinion of probable construction cost | | | | | | | | | | | | | 6 | \$9,400 | \$300 | \$0 | \$0 | \$0 | \$0 | \$9,700 |
| 2.7.3.4 | Constructability review | | | | | | | | | | | | | 40 | \$9,400 | \$300 | \$0 | \$0 | \$0 | \$0 | \$9,700 |
| TASK 4.2 90% Design Submittal | | | | | | | | | | | | | | | | | | | | | |
| 4.2.1 | Prepare drawings and specifications | | | | | | | | | | | | | 1,500 | \$199,150 | \$4,000 | \$27,720 | \$0 | \$58,192 | \$0 | \$201,062 |
| 4.2.2 | Prepare opinion of probable construction cost | | | | | | | | | | | | | 124 | \$17,480 | \$900 | \$0 | \$1,500 | \$0 | \$0 | \$19,880 |
| 4.2.3 | Constructability review | | | | | | | | | | | | | 40 | \$9,400 | \$300 | \$0 | \$0 | \$0 | \$0 | \$9,700 |
| TASK 4.3 100% Design Submittal | | | | | | | | | | | | | | | | | | | | | |
| 4.3.1 | Prepare drawings and specifications | | | | | | | | | | | | | 586 | \$77,370 | \$4,600 | \$15,000 | \$17,270 | \$0 | \$116,240 | |
| 4.3.2 | Prepare drawings and specifications | | | | | | | | | | | | | 262 | \$35,030 | \$1,970 | \$1,000 | \$0 | \$0 | \$0 | \$38,000 |
| 4.3.3 | Prepare opinion of probable construction cost | | | | | | | | | | | | | 35 | \$5,270 | \$270 | \$0 | \$0 | \$0 | \$0 | \$5,540 |





City of Escondido
 Wohlford Dam Replacement Design Project
 Cost Proposal

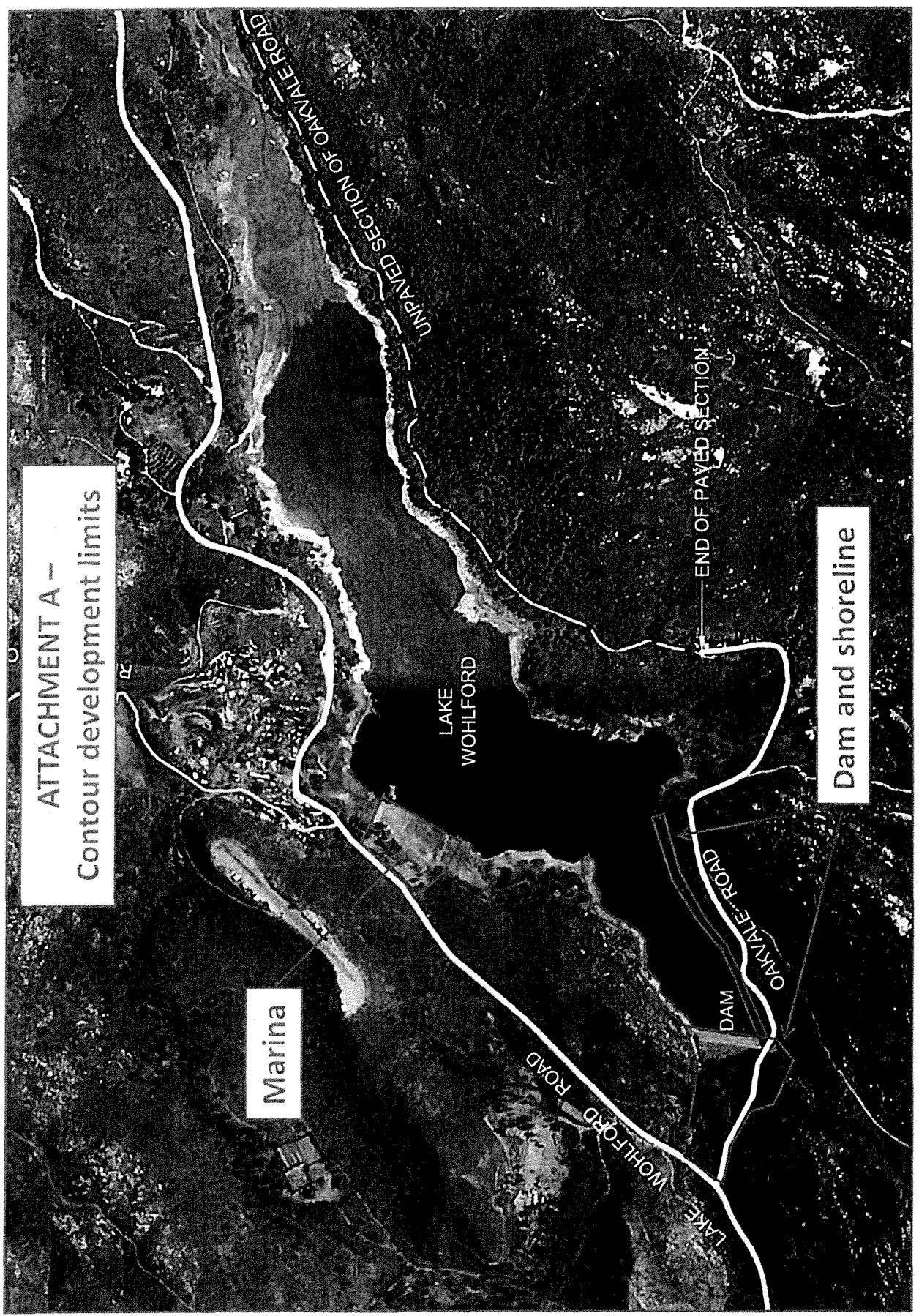
| TASK # | DESCRIPTION | Project Director | Project Manager | Technical Advisor / QC Manager / Technical Specialist | Task Manager | Senior Engineer II | Senior Engineer I | Project Engineer | Staff Engineer | Cost Estimator | CAD Technician | Admin, Finance, Clerical | Total Hours | Total Labor | Indirect Expenses (\$7.50 /hour) | Direct Expenses ⁽¹⁾ | Subconsultant - Geotech ⁽²⁾ | Subconsultant - Enviro ⁽²⁾ | Subconsultant - Survey / Traffic Design ⁽²⁾ | Total |
|-----------------------------------|--------------------------------------|------------------|-----------------|---|--------------|--------------------|-------------------|------------------|----------------|----------------|----------------|-----------------------------|-------------|-------------|--|--------------------------------|---|--|--|-------------|
| TASK 5 - PUBLIC OUTREACH | | | | | | | | | | | | | | | | | | | | |
| Task 5.1 | Public Information and Outreach Plan | 2 | 8 | | | | | 4 | | | | 2 | 16 | \$2,280 | \$120 | | | | \$2,970 | \$2,880 |
| Task 5.2 | Informational Materials | 4 | 4 | | | | | 4 | | 2 | | 2 | 12 | \$1,200 | \$60 | | | | \$6,660 | \$10,470 |
| Task 5.3 | Community Meetings | 6 | 8 | | | | | 2 | | | | 2 | 16 | \$3,180 | \$120 | | | | \$8,800 | \$12,100 |
| Task 5.4 | Stakeholder Meetings | 8 | 8 | | | | | 2 | | | | 2 | 20 | \$3,970 | \$150 | | | | \$10,990 | \$14,560 |
| Task 5.5 | Project Management / Administration | | | | | | | | | | | | 0 | \$0 | \$0 | | | | \$1,200 | \$1,200 |
| TASK 5 TOTAL | | | | | | | | | | | | | | | | | | | | |
| TASK 6 - PUBLIC ENGAGEMENT | | | | | | | | | | | | | | | | | | | | |
| Task 6.1 | Legislative Workshop | 2 | 4 | | | | | 2 | | | | 2 | 10 | \$1,210 | \$80 | | | | \$5,150 | \$6,440 |
| Task 6.2 | Legislative Funding Package | 2 | 4 | | | | | | | | | | 6 | \$1,270 | \$50 | | | | \$10,300 | \$11,620 |
| Task 6.3 | Legislative Monitoring Assistance | 2 | 4 | | | | | | | | | | 6 | \$1,270 | \$50 | | | | \$10,300 | \$11,620 |
| TASK 6 TOTAL | | | | | | | | | | | | | | | | | | | | |
| PROJECT TOTAL (TASKS 1-6) | | | | | | | | | | | | | | | | | | | | |
| | | 28 | 68 | 420 | 1,200 | 466 | 1,032 | 2,078 | 1,506 | 340 | 1,498 | 360 | 9,956 | \$4,495,000 | \$4,930 | \$37,500 | \$80,840 | \$85,220 | \$5,311,150 | \$5,346,740 |

Notes:
 (1) Includes travel and outside representation costs.
 (2) Includes a 15% markup. Excludes Task 5.6 REC Mkt. Design.



**WOHLFORD DAM REPLACEMENT DESIGN
 PRELIMINARY DRAWING LIST**

| DWG NO | DESCRIPTION OR TITLE | DWG NO | DESCRIPTION OR TITLE |
|-------------------|---|------------------------------|---|
| GENERAL | | R-28 | Access Bridge Plan and Elevation |
| G-1 | Cover | R-29 | Access Bridge Substructure Details |
| G-2 | Sheet List / General Notes | R-30 | Access Bridge Superstructure Details |
| G-3 | Legends | R-31 | Typical Structural Details and Notes |
| G-4 | Abbreviations | R-32 | Spillway Training Wall Details - Sheet 1 of 2 |
| CIVIL | | R-33 | Spillway Training Wall Details - Sheet 2 of 2 |
| C-1 | Plan of Dam Site | R-34 | Spillway Details |
| C-2 | Dam Alignment Layout (survey controls) | R-35 | Stilling Basin Left Wall Plan and Sections |
| C-3 | Geotechnical Program (plan) | R-36 | Stilling Basin Right Wall Plan and Sections |
| C-4 | BMP Control Plan | R-37 | Stilling Basin Details - Sheet 1 of 2 |
| C-5 | BMP Details | R-38 | Stilling Basin Details - Sheet 2 of 2 |
| C-6 | Environmental Sensitive Areas | R-39 | RCC Trial Placement Plan and Details |
| C-7 | Environmental Details | INTAKE TOWER | |
| C-8 | Oakvale Road Plan | T-1 | Intake Tower Plan and Profile |
| C-9 | Oakvale Road Vertical Profile | T-2 | Intake Tower Modifications Plan |
| C-10 | Oakvale Road Sections and Details | T-3 | Intake Tower Modifications Sections and Details |
| C-11 | Rock Bolt Details | T-4 | Intake Tower Modifications Details 1 of 3 |
| C-12 | Reclamation Plan | T-5 | Intake Tower Modifications Details 2 of 3 |
| C-13 | Reclamation Details - Sheet 1 of 2 | T-6 | Intake Tower Modifications Details 3 of 3 |
| C-14 | Reclamation Details - Sheet 2 of 2 | T-7 | Intake Tower Modifications Misc Metals |
| DEMOLITION | | T-8 | Intake Tower Bridge Plan |
| D-1 | Spillway Demolition Plan | T-9 | Intake Tower Bridge Sections and Details |
| D-2 | Spillway Demolition Details | T-10 | Intake Tower Bridge Details |
| D-3 | Existing Dam Removal Plan | OUTLET WORKS PIPELINE | |
| D-4 | Existing Dam Removal Sections and Details | O-1 | Outlet Works Profile |
| D-5 | Intake Tower Demolition Plan & Section | O-2 | Outlet Works Sections |
| D-6 | Intake Tower Demolition Details | O-3 | Outlet Works Connection Details |
| RCC DAM | | O-4 | Outlet Works Details |
| R-1 | Profile Along Dam Axis | O-5 | Outlet Works Access Vault Plan & Section |
| R-2 | Typical Non-Overflow Section | O-6 | Outlet Works Access Vault Details |
| R-3 | Typical Principal Spillway Section | O-7 | Top of Dam Details |
| R-4 | RCC Lift and Bedding Mix Details | O-8 | Fence and Guiderail Details |
| R-5 | Dam Contraction Joint Details | ELECTRICAL | |
| R-6 | Foundation Excavation Plan | E-1 | Electrical - Standards/Abbreviations |
| R-7 | Foundation Excavation Sections | E-2 | One-Line Diagrams |
| R-8 | Dam Sections - Sheet 1 of 4 | E-3 | One-Line Diagrams |
| R-9 | Dam Sections - Sheet 2 of 4 | E-4 | Site Plan |
| R-10 | Dam Sections - Sheet 3 of 4 | E-5 | Enlarged Site Plan |
| R-11 | Dam Sections - Sheet 4 of 4 | E-6 | Lighting Plan |
| R-12 | Spillway Sections - Sheet 1 of 3 | E-7 | Details/Schedules |
| R-13 | Spillway Sections - Sheet 2 of 3 | E-8 | Schematics |
| R-14 | Spillway Sections - Sheet 2 of 3 | INSTRUMENTATION | |
| R-15 | Dam Gallery and Adits - Sheet 1 of 3 | I-1 | Instrumentation - Standards/Abbreviations |
| R-16 | Dam Gallery and Adits - Sheet 2 of 3 | I-2 | Instrumentation Plan |
| R-17 | Dam Gallery and Adits - Sheet 3 of 3 | I-3 | Intake Tower Plan |
| R-18 | Dam Drain Hole Plan and Profile | I-4 | Intake Tower Schematics |
| R-19 | Dam Drain Hole Schedule and Details | I-5 | Instrumentation ADAS Details |



ATTACHMENT A -
Contour development limits

Marina

LAKE
WOHLFORD

UNPAVED SECTION OF OAKALE ROAD

END OF PAVED SECTION

OAKALE ROAD

DAM

LAKE WOHLFORD ROAD

Dam and shoreline

CITY COUNCIL

For City Clerk's Use:

APPROVED **DENIED**

Reso No. _____ File No. _____

Ord No. _____

Agenda Item No.: 14
Date: August 1, 2012

TO: Honorable Mayor and Members of the City Council
FROM: Joyce Masterson, Assistant to the City Manager
SUBJECT: 2011-2012 City Council Action Plan - Second Update

RECOMMENDATION:

It is requested that Council receive and file the second update of 2011-2012 City Council Action Plan update and provide direction on potential adjustments to the document.

FISCAL ANALYSIS:

None

PREVIOUS ACTION:

The City Council approved the 2011-2012 City Council Action Plan on September 14, 2011. The Council received and filed the first update on January 25, 2012.

BACKGROUND:

The City Council Action Plan represents the City Council's collective vision for Escondido's future and the key strategies that will be used to achieve that vision. It is developed biennially following a workshop where key policy goals are identified and discussed.

The purpose of this workshop is to update the City Council on the progress being made in achieving its goals, as well as to receive feedback on any adjustments that Council might wish to make to the Action Plan. Attached to this staff report is a written status report highlighting the progress of items scheduled to be completed by June 2012. The remaining items for the rest of the calendar year will be reported on in January 2013 along with an evaluation of the success of the strategies.

Respectfully submitted,



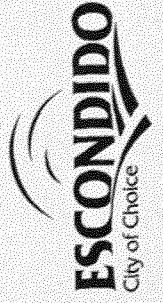
Joyce Masterson
Assistant to the City Manager



ESCONDIDO CITY COUNCIL

Action Plan Status Report

2012



**Second Update to City
Council**

July 25, 2012



ECONOMIC DEVELOPMENT

City Council Action Plan 2011-2012

Economic Development

| Goal | Strategy | Anticipated Completion Date | Evaluation Measures | Outcome |
|---|---|-----------------------------|--|---|
| <p>Create business / employment land to stimulate the creation of jobs and improve median income</p> | <p>1. Contract with a consultant to build upon the draft Economic Development element of the General Plan to create a comprehensive economic development plan for Escondido that includes baselines of existing jobs and types of properties available.</p> | <p>December 2011</p> | <p>Adoption of an Economic Development Plan</p> <p>Jobs created, jobs retained, average salaries</p> | <p>1. Completed. Council awarded contract on 12/14/11</p> <p>A draft final plan was presented on July 25, 2012.</p> |
| | <p>2a. Work with Rincon Water Board to reduce barriers to business development in Escondido.</p> | <p>June 2012</p> | <p>Jobs created, jobs retained</p> | <p>2a. In progress. Future meetings between Council and Rincon Board members may be necessary to discuss some larger issues (e.g. meter exchanges, recycled water distribution development costs). Many</p> |

| Goal | Strategy | Anticipated Completion Date | Evaluation Measures | Outcome |
|------|---|---------------------------------------|--|---|
| | <p>2b. Update master plan for water and sewer infrastructure and establish a list of priorities.</p> <p>2c. Purchase land in I-15/Felicita corridor needed to construct pump station for subsequent development.</p> | <p>June 2012</p> <p>November 2012</p> | <p>Creation of priority list; jobs created</p> <p>Installation of infrastructure; jobs created</p> | <p>smaller issues already resolved at staff level.</p> <p>2b. In progress. Requested inclusion of asset management system upgrades into the plan has lead to a two-week delay.</p> |
| | <p>3a. Revise business license application to include mandatory information including the number of employees associated with the business in order to develop a baseline.</p> <p>3b. Explore new formula for business license fee.</p> | <p>December 2012</p> <p>July 2012</p> | <p>Jobs reported</p> | <p>3a. Completed. Supplement to Business License application revised to request employee data; information be entered into Trakit.</p> <p>3b. In progress. Evaluation underway with City Attorney regarding how to restructure tax formula without triggering tax increase.</p> |

| Goal | Strategy | Anticipated Completion Date | Evaluation Measures | Outcome |
|------|---|-------------------------------------|--|---|
| | <p>4a. Authorize Mayor to lobby SANDAG for a more equitable distribution of future Target Household units that allocate a greater share to cities with fewer than the regional average. This would ensure that all communities shoulder a more proportionate share of Target Households.</p> <p>4b. Include language in the General Plan Housing element that will limit the number of Very Low and Low Income Housing units.</p> | <p>July 2011</p> <p>August 2011</p> | <p>Reduced percentage of Target Households allocated to Escondido</p> | <p>4a. Completed</p> <p>4b. Completed</p> |
| | <p>5. Eliminate parking requirements for new and expanding businesses in the core downtown area and Mercado District.</p> | <p>July 2011</p> | <p>Jobs created in downtown and Mercado</p> | <p>5. Completed</p> |
| | <p>6. Analyze up to 450 additional acres to re-designate from residential to employment land.</p> | <p>January 2012</p> | <p>Increased acreage; Jobs created; Standing among other North County cities</p> | <p>6. Completed. Approved by Council on 5/23/12. Ballot measure scheduled for November 2012 election.</p> |
| | <p>7. Re-assign existing staff to City Manager's Office to assist with</p> | <p>July 2011</p> | <p>Customer feedback</p> | <p>7. Completed. Michelle Geller</p> |

| Goal | Strategy | Anticipated Completion Date | Evaluation Measures | Outcome |
|------------------------|--|------------------------------------|---|--|
| | Economic Development. | | | transferred July 1 |
| Streamline Regulations | 1a. Expedite the permitting process for projects within priority areas (Ballpark District, I-15/Felicita, I-15/EI Norte Parkway, Citracado Parkway missing link). | March 2012 | Shorter Approval times | 1a. Completed. (No projects at this time) |
| | 1b. Consolidate Design Review Board with Planning Commission. Change criteria for Planning Commission to include design-professional applicants. | December 2011 | | 1b. Completed. |
| | 2a. Adopt master environmental document for each priority development area to streamline future CEQA review. 2b. Update overlay area for South Escondido Boulevard. | November 2014 November 2014 | Adoption of Overlay zone | |
| | 3a. Implement cost/benefit analysis in fire plan checks. | March 2012 | Shorter review times, quicker permit issuance | 3a. Completed. Fire Prevention activities are intended to be business and community friendly while maintaining public safety according to the adopted codes and standards. All Fire Prevention activities were |

| Goal | Strategy | Anticipated Completion Date | Evaluation Measures | Outcome |
|------|--|--|--|---|
| | <p>3b. Schedule Fire Prevention staff at least 1 day a week at City Hall for Plan check and fire-related permits while exploring possible consolidation of fire plan check services at City Hall by Community Development Staff or outsourcing.</p> <p>3c. Analyze the process for final inspections of single family residences since both Building and Fire inspectors are on site, conducting a variety of different inspections, to determine if efficiencies can be found within the process.</p> | <p>October 2012</p> <p>April 2012</p> | <p>Customer Service feedback</p> <p>Faster response to customers</p> | <p>reviewed for efficiencies and effectiveness. A written summary of the review is being prepared and will be shared with the Council.</p> <p>3b. Delayed due to low staffing levels in Fire Prevention. Plan check outsourcing currently being done for some projects.</p> <p>3c. Completed Building Inspectors were trained by Fire Prev. staff in January. Bldg. Inspector assumed responsibility of Final Sprinkler inspections in Feb. 2012.</p> |
| | <p>4. Upgrade the CRW TRAKIT software package with "eTRAKIT", "eMarkup", and "Mobile TRAK" to allow various online transactions including licenses, permits, payments,</p> | <p>June 2012 (Phase 1) September 2012 (Phase 2 if budgeted for FY 2012-13)</p> | <p>Business license volume increase and revenue Shorter review times</p> | <p>4. Completed eMarkup; eTrakit In Progress. Final testing is progressing. Hardware</p> |

| Goal | Strategy | Anticipated Completion Date | Evaluation Measures | Outcome |
|--------------------------|--|-----------------------------|--|--|
| | inspection requests, submission and markup of plans and the entry of data from the field. | | | purchased for field entry. |
| | 5a. Determine the appropriateness of retaining, reducing, or eliminating the current Public Art Fee and the Public Art Commission. | September 2012 | Customer feedback | |
| | 6. Hire a consultant to review and streamline the Zoning Code. | April 2013 | Approved Streamlined Zoning Code | |
| Create Incentives | 1a. Re-evaluate existing Development Fees in other "Priority Areas" for possible reductions. | April 2012 | Additional living units in the Downtown District Expansion of existing business Increased sales tax generation from expanded, more-successful businesses | 1a. Completed. In addition to the BEZ application process, some reduced dev. fees downtown; Ord. 2012-12, allows deferral of development fees for projects until Final Inspection. |
| | 1b. Create incentive to encourage the demolition of vacant buildings for which there has been no interest. | June 2012 | | 1b. Completed. Existing incentives deemed adequate. 10 year demo fee credit, no time limit for SFD destroyed by natural disaster |
| | 2. Change City Policy to allow payment of Development Fees | April 2012 | Customer feedback | 2. Completed. City Council approved |

| Goal | Strategy | Anticipated Completion Date | Evaluation Measures | Outcome |
|------|---|--|---|--|
| | <p>(not staff hard costs) prior to requesting Final Inspection rather than at permit issuance.</p> | | | <p>Ord. 2012-12, Reso. 2012-102 and Reso. 2012-103 on June 13, 2012.</p> |
| | <p>3. Evaluate parking requirement for projects that incorporate transit-oriented design principles (i.e. pedestrian orientation, proximity to transit, inclusion of bicycle facilities, etc.) as an incentive for reduced parking requirements.</p> <p>4a. Allow residential development along the creek trail frontage to install public recreational improvements (with a maintenance agreement) within the trail right of way and install permanent access onto the trail from their property in exchange for required on-site open space.</p> <p>4b. Allow commercial development along the creek trail frontage to install public recreational improvements (with a maintenance agreement) within the trail right of way and install permanent access onto the trail from their property in exchange for parking credits.</p> | <p>November 2014</p> <p>October 2012</p> <p>October 2012</p> | <p>Customer feedback</p> <p>Increased number of trail connections to adjacent properties.</p> | |

| Goal | Strategy | Anticipated Completion Date | Evaluation Measures | Outcome |
|--|---|-----------------------------|---|---|
| | 5a. Reinstate and fund the FPIP to provide matching grants for commercial property façade improvements. | November 2011 | Dollar amount of private matching funds invested to enhance business appearance | 5a. Completed. Council approved \$500,000 on 11/16/11. |
| Focus on image / outreach / marketing including proactive business recruitment by the City Council | 1a. Recruit a corps of successful high-profile CEO's to participate in recruitment meetings with potential new business owners. | March 2012 | Site visits | 1a. Completed.. Meeting held with potential participants on July 11. |
| | 1b. Develop business attraction "kits" for Councilmembers to provide accurate and consistent information to potential businesses. | March 2012 | Number of kits distributed | 1b. Completed. PR Brochure is in use; Additional target industry information will be prepared following adoption of CEDS/Master Plan. |
| | 2a. Refresh existing Economic Development web site to a more robust one directed at existing and prospective businesses, brokers and site selectors with companion written materials. | March 2012 | Hits on web site | 2a. Completed. |
| | 2b. Develop subscription-based business retention /attraction E-newsletter. | April 2012 | Number of subscribers to E-newsletter | 2b. Completed. First issue was distributed in June. |
| | 2c. Bolster the current on-line public art information with photos, electronic maps, and self-guided tour routes of existing art pieces that will attract visitors to the | September 2012 | | |

| Goal | Strategy | Anticipated Completion Date | Evaluation Measures | Outcome |
|------|---|-----------------------------|--|--|
| | <p>community who will visit the art displays and spend money at nearby restaurants and shops.</p> <p>2d. Hold a commercial real estate brokers' symposium in partnership with the Chamber and regional partners to highlight available properties.</p> | <p>May 2012</p> | <p>Number of attendees</p> | <p>2d. In progress. Scheduled for July 18, 2012.</p> |
| | <p>2e. Explore strategies to encourage the growth of the local wine industry (i.e., elimination of CUP requirements in Downtown for multiple winery tasting rooms, facilitation of wine related events, etc.)</p> | <p>November 2012</p> | <p>Creation of multiple winery tasting room, Participation of wineries in Grape Day Festival</p> | |
| | <p>2f. Revise Municipal Code (Ch. 23) regarding the methodology for determining mandatory off-site improvements and utility undergrounding requirements, to establish a fair and equitable requirement based on the construction cost and/or value of the proposed work</p> | <p>October 2012</p> | | |



EMBRACE DIVERSITY & COMMUNITY OUTREACH

City Council Action Plan 2011-2012

Embrace Diversity and Community Outreach

| Goal | Strategy | Anticipated Completion Date | Evaluation Measures | Outcome |
|----------------------------------|--|---|------------------------------------|--|
| Community Events Downtown | Add the following new events: 1. Sunrise Grape Day 5K – 9/10/11 2. 9/11 10 th Anniversary Remembrance Event – Partnership with the Center for the Arts 3. Partner with the Escondido History Center to bring additional activities to the Grape Day Festival that reflect our diverse community. | September 10, 2011 September 11, 2011 September 8, 2012 | Number of attendees at each event. | 1. Completed. 369 Persons participated. Event will be repeated in Sept. 2012. 2. Completed. Apprx. 1500 persons participated. |

| Goal | Strategy | Anticipated Completion Date | Evaluation Measures | Outcome |
|---|---|--|---|--|
| <p>Making things easier for residents to communicate with government</p> | <p>Increase opportunities for the community to provide input to City:</p> <ol style="list-style-type: none"> 1. Hold Mayor's Town Hall Meeting 2. Conduct community survey to obtain feedback from the residents on the methods they would like the City to use to share and receive information. Survey will be done via staff and City resources at a minimal cost. 3. Offer the public quarterly tours of City Hall and the Police & Fire HQ. 4. Expand City Sourced Application 5. Create "City" Facebook Page | <p>July & Nov. 2011; May & Sept. 2012</p> <p>June 2012</p> <p>March 2012</p> <p>June 2012</p> <p>August 2011</p> | <p>Number of Attendees</p> <p>Responses from survey and analysis to the potential need for changes in communication methods.</p> <p>Number of Attendees</p> <p>Number of Referrals</p> <p>Number of "likes"</p> | <p>1. Completed July & November 2011 meetings and May 2012. Next one is September 19, 2012.</p> <p>2. Completed. Data now being analyzed.</p> <p>3. Completed. Began offering in April 2012.</p> <p>4. Completed. In the twelve months ending 6/30/2012 we have received 1,233 City Sourced Referrals from 242 unique devices.</p> <p>5. Completed. As of July 2012, there are 330 followers</p> |

| Goal | Strategy | Anticipated Completion Date | Evaluation Measures | Outcome |
|---|---|--|--|---|
| <p>Communication and Listening</p> | <p>Internal Customer Service</p> <ol style="list-style-type: none"> 1. Provide additional citywide customer service training 2. Solicit feedback from customers on the quality of service they received from City staff. <p>External Customer Service</p> <ol style="list-style-type: none"> 3. Purchase kiosk with online resources for customer to access information at City Hall | <p>Managers: Feb. 2012; All employees: June 2012</p> <p>August 2012</p> <p>June 2012</p> | <p>Number of employees trained</p> <p>Number of feedback forms received and quality of service measured.</p> <p>Number of utilizations</p> | <p>1. Completed. Training was assigned to 708 full-time employees in June 2012.</p> <p>3. Completed. Kiosk has been ordered and is being manufactured. Anticipating Fall 2012 installation.</p> |



FINANCIAL STABILITY

City Council Action Plan 2011-2012

Financial Stability

| Goal | Strategy | Anticipated Completion Date | Evaluation Measures | Outcome |
|--|---|---|--|---|
| <p>Adopt balanced budget without using reserves</p> | <p>1a. Adopt a 2 year operating Budget 1b. Negotiate employee sharing pension costs</p> <p>1c. Close Branch Library 1d. Conduct fiscal analysis of Recreation operations 1e. Reduce funding for Center for the Arts 1f. Reduce funding for outside agencies</p> | <p>July 2011 July 2012</p> <p>July 2011 July 2011 July 2011 July 2011</p> | <p>Adoption of a budget that does not use reserves</p> | <p>1a. Completed 1b. In progress. This has been negotiated with all employee groups except non-Sworn Police (NSP). NSP will ratify their contract in July and this item then will be completed. 1c. Completed 1d. Completed 1e. Completed 1f. Completed</p> |

| Goal | Strategy | Anticipated Completion Date | Evaluation Measures | Outcome |
|---|---|--|--|---|
| <p>Reform pension benefits to ensure they are affordable</p> | <p>1a. Increase employee contributions to their own pensions</p> <p>1b. Implement a two tiered pension system</p> | <p>July 2012</p> <p>July 2012</p> | <p>Approved revised contracts with each labor group</p> <p>Implementation of a two tiered system</p> | <p>1a. In progress. This has been implemented for all groups except Police and non-sworn Police. The non-sworn Police group is voting on ratification.</p> <p>1b. In progress. This has been completed with all groups except non-sworn Police. Non-sworn Police is currently ratifying their contract.</p> |
| <p>Focus on Core Service</p> | <p>1. Fund \$525,200 for a Capital Improvement Program that will be used for implementation of the Records Management System</p> <p>2. Conduct an assessment of the City's delivery of fire services to ensure they are meeting the community's fire safety goals</p> <p>3. Repair 3-5% of total city streets each year with an emphasis on major roadways and on reducing the annual</p> | <p>July 2011</p> <p>November 2012</p> <p>June 2012</p> | <p>Implementation of Records Management System</p> <p>Completion of assessment</p> <p>"Lane" miles of streets improved to good or better condition per the</p> | <p>1. Completed</p> <p>3. Completed. The current Pavement Program is improving a total of 5,076,520</p> |

| Goal | Strategy | Anticipated Completion Date | Evaluation Measures | Outcome |
|--|--|-----------------------------|--|---|
| | pothole/edge repair work required of in-house forces | | Pavement Condition Index Number of pothole complaints/repairs | square feet of roads (6.6 % of total lane miles). |
| Outsource city services where appropriate for cost savings and efficiency | 1. Systematically evaluate a minimum of five strategies for outsourcing | March 2012 | Dollar amount saved by outsourcing certain City services | 1. In progress. Analysis of 3 areas, (Street Striping, Street Sweeping and Park Mowing) has been completed. We have begun analysis on the Tennis Center operations. A fifth area will be selected in the Fall. Staffing shortages prevented completion of all five by the original completion date. |
| Maintain \$15-20 million in reserve | 1. Develop a Reserve Policy for the General Fund based on cash flows during the first 6 months of the fiscal year and/or the average of 2 months of expenditures | October 2011 | Adoption of Reserve Policy | 1. Completed |

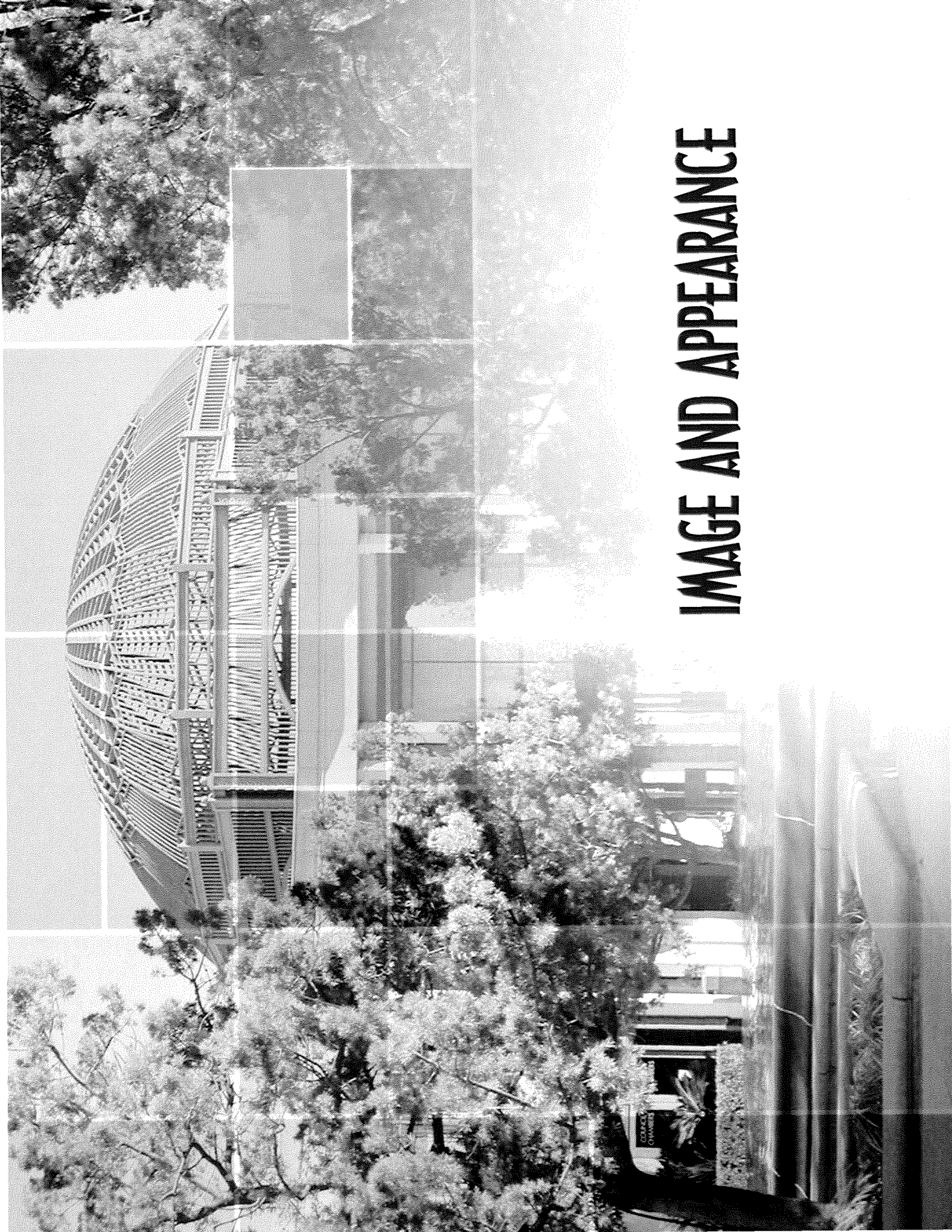


IMAGE AND APPEARANCE

OLYMPIC
GAMES

City Council Action Plan 2011–2012

Image and Appearance

| Goal | Strategy | Anticipated Completion Date | Evaluation Measures | Outcome |
|--|--|--------------------------------------|---|---|
| <p>Pro-active code enforcement (residential and commercial properties); implement existing ordinances; public education on violations</p> | <p>1a. Reinstate a modified version of the interdepartmental ACT to identify and monitor problem properties and attractive nuisances; anticipate “ripple effect”; and adjust resources accordingly.</p> <p>1b. Identify specific geographic areas of the city for methodical, proactive enforcement; give advance public education or notification, then target for concentrated enforcement, focusing on appearance violations.</p> | <p>April 2012</p> <p>August 2012</p> | <p>Quarterly reports from various departments and/or operations</p> | <p>1a. Completed. Quarterly reports submitted via City Manager’s weekly update.</p> <p>1b. Completed. Proactive enforcement targeted in CDBG-eligible commercial areas.</p> |

| Goal | Strategy | Anticipated Completion Date | Evaluation Measures | Outcome |
|------|--|---|--|---|
| | <p>1c. Establish reporting mechanisms to determine baselines and progress made by geographic or specific areas.</p> <p>1d. Develop additional public education information on reporting problems or finding solutions (i.e. website, handouts, etc.)</p> | <p>November 2012</p> <p>November 2012</p> | | |
| | <p>2a. Train volunteers in all organized neighborhoods to report code violations; examine potential to use volunteers in other low and moderate income areas in the City.</p> <p>2b. Release periodic reminders encouraging all field personnel, inspectors,</p> | <p>April 2012</p> <p>February 2012</p> | <p>Quarterly reports from various departments</p> <p>Track volunteer numbers and hours</p> | <p>2a. In progress. Due to reduced CDBG funding, training is restricted to organized groups. Residents are encouraged to report all Code issues and have been trained on the "street appearance" issues to report. Expansion to other low income areas will be on hold until funding is restored.</p> <p>2b. Completed. Reinstated "We Care" program.</p> |

| Goal | Strategy | Anticipated Completion Date | Evaluation Measures | Outcome |
|------|---|-----------------------------|--|--|
| | <p>police volunteer patrols, and general City employees to report potential code violations.</p> <p>2c. Work with the DBA, Chamber of Commerce, realtors, and other business and non-profit groups to encourage voluntary compliance.</p> | <p>April 2012</p> | | <p>2c. Completed. Ongoing coordination as part of Code Enforcement operations.</p> |
| | <p>3. Appoint a representative from the City Appearance Committee to sit on the interdepartmental team and coordinate or resolve issues that may arise.</p> | <p>December 2011</p> | <p>Biannual report from City Appearance Committee</p> | <p>3. Completed</p> |
| | <p>4. Establish a re-inspection fee to encourage timely compliance.</p> | <p>December 2011</p> | <p>Adopt fee for non-responsive cases Number of cases requiring multiple inspections</p> | <p>4. Completed</p> |
| | <p>5. Develop protocol for working with regional organizations to resolve unsightly property maintenance</p> | <p>March 2012</p> | <p>Develop and maintain contact list Track response times</p> | <p>5. Completed.</p> |

| Goal | Strategy | Anticipated Completion Date | Evaluation Measures | Outcome |
|------|---|---|---|----------------------|
| | <p>issues at their facilities.</p> <p>6a. Analyze City workforce to effectively maintain City property.</p> <p>6b. Develop an "Adopt-a-Lot" program for maintenance of public properties. Explore a corporate sponsorship program or other form of recognition as an incentive.</p> <p>6c. Co-sponsor community and corporate volunteerism, such as work days, coordinated through the City's Volunteer Coordinator.</p> <p>7a. Use CDBG funds to:</p> <ul style="list-style-type: none"> • Expand Project NEAT program to all CDBG-eligible neighborhoods • Add Code Enforcement officer(s) for CDBG-eligible commercial properties • Conduct field survey of commercial property | <p>November 2012</p> <p>January 2013</p> <p>January 2013</p> <p>June 2012</p> <p>November 2011</p> <p>June 2012</p> | <p>Mid-year report on maintenance needs, concurrent with mid-year budget review</p> <p>Establish policies and procedures for an "Adopt-a-Lot" program</p> <p>Number of cases with voluntary compliance; Number of cases referred to Code Enforcement; Number of cases referred to the City Attorney</p> | <p>7a. Completed</p> |

| Goal | Strategy | Anticipated Completion Date | Evaluation Measures | Outcome |
|------|--|-----------------------------|--|---|
| | <p>and identify high violations rates</p> <ul style="list-style-type: none"> Focus efforts in areas of high pedestrian use | <p>June 2012</p> | <p>Track and report new outlets used to market Project NEAT, and determine if new projects are generated by the use of these outlets</p> | <p>7b. Delayed. CDBG has been reduced 28% in past 2 years with anticipated cuts of 5% for next two years. With only 1 part time NEAT staff person, this strategy will not be implemented by Neighborhood Services</p> |
| | <p>7b. Develop an expanded marketing plan for Project NEAT. Identify and maintain key private citizen groups (realtors, service clubs, churches) to educate them regarding the importance of property maintenance issues</p> | <p>June 2012</p> | <p>Quarterly reports regarding enforcement caseload and results Post results on website</p> | <p>8. Completed</p> |
| | <p>8. Develop standardized reports to track enforcement complaints, case-load, responsiveness, and trends using upgraded TRAKIT and Azteca software approved in the FY 2011-12 CIP budget.</p> | <p>June 2012</p> | <p>Quarterly reports regarding enforcement caseload and results Post results on website</p> | <p>8. Completed</p> |
| | <p>9. Evaluate sign ordinance to address feather / temporary signs and murals.</p> | <p>April 2012</p> | <p>Adopt code amendment</p> | <p>9. Completed. Ordinance 2012- 08 adopted on 5-9-12.</p> |
| | <p>10. Develop policy to address offers of</p> | <p>June 2012</p> | <p>Adopt policy</p> | <p>10. In progress. Scheduled for City</p> |

| Goal | Strategy | Anticipated Completion Date | Evaluation Measures | Outcome |
|------|--|--|----------------------|-------------------------------------|
| | <p>special projects on City property, i.e., Eagle Scout projects, including procedures and identification of types of desirable projects and locations.</p> | | | Appearance Committee review 7-19-12 |
| | <p>11. Coordinate weed abatement enforcement efforts by Code Enforcement and Fire Department to ensure communication and provide consistent direction to property owner.</p> | <p>December 2011</p> | <p>Response time</p> | <p>11. Completed</p> |
| | <p>12. Purchase additional TRAKIT software (Mobile TRAK and CRM).</p> | <p>September 2012 (if approved in FY 2012-13 budget)</p> | <p>Response time</p> | <p>12. Completed</p> |

| Goal | Strategy | Anticipated Completion Date | Evaluation Measures | Outcome |
|--|---|-----------------------------|-----------------------------|----------------|
| Urban Renewal, Overlays and Standards | 1. Explore strategies employed by other jurisdictions to address maintenance of vacant and foreclosed properties, and assess necessary resources for implementation as additional funding becomes available. | December 2012 | Summary Report | |
| | 2a. Expand scope of Zoning Code update to evaluate land use and development related code sections and guidelines to delete outdated provisions and amend codes as necessary to better support current enforcement goals and policies. | April 2013 | Adoption of code amendments | |
| | 2b. Eliminate City Council initiation of code amendments and authorize Planning staff to process as deemed necessary, in consultation with City Attorney. | November 2011 | Adoption of code amendments | 2b. Completed. |

FUTURE CITY COUNCIL AGENDA ITEMS
July 26, 2012

AGENDA ITEMS AND COUNCIL MEETING DATES ARE SUBJECT TO CHANGE.
CHECK WITH THE CITY CLERK'S OFFICE AT 839-4617

AUGUST 8, 2012
4:30 p.m.

CONSENT CALENDAR

Approval of the ROPS for the period 1/1/2013 to 6/30/2013

(G. Rojas)

Approval of the Recognized Obligation Payment Schedule for the period 1/1/2013 to 6/30/2013

Destruction of Records

(D. Halverson)

Destruction of specified Police Department records and other City records in accordance with the City's retention schedule.

Appropriation of Property Insurance Funds

(S. Bennett)

Staff recommends the appropriation of \$20,000 from the Property Insurance Fund to the Property Insurance Operating Budget for the Fiscal year 2012-13 to pay for the increased cost of property insurance. Rates were estimated to increase 8%; the actual increase was approximately 13.5%.

CalPERS Industrial Disability Retirement of Leonardo Maniscalco

(S. Bennett)

Approve the Industrial Disability Retirement of Fire Captain Leonardo Maniscalco.

Utilities Department Termination of the Liquid Chlorine Contract with Thatcher Company, and award the Liquid Chlorine Contract to DX Systems.

(C. McKinney)

Thatcher Company failed to comply with offloading specifications for liquid chlorine under the bid contract.

PUBLIC HEARINGS:

CURRENT BUSINESS

AMGEN Tour of California 2013

(J. Masterson)

The AMGEN Tour of California is an international world-class cycling road race that features the top elite professional teams and athletes from more than 24 countries. Over the past seven years it has become one of cycling's most important and prestigious annual stage races in the world.

AUGUST 8, 2012
Continued

CURRENT BUSINESS continued

Authorize the Award of Contract for RGP 87- Sewer Outfall Mitigation Work to Lowest Responsive and Responsible Bidder
(C. Whittemore)

The City has secured permits from the Army Corps of Engineers, the US Fish and Wildlife Service, the San Diego Regional Water Quality Control Board and other agencies for maintenance and operations work along the sewer land outfall. The mitigation project is required to be done prior to or concurrent with the permitted maintenance work along the sewer land outfall.

Future Agenda Items (D. Halverson)

AUGUST 15, 2012
4:30 p.m.

CONSENT CALENDAR

PUBLIC HEARINGS:

Short-Form Rent Review Board for Mobile Park West
(K. Youel)

The application meets all eligibility criteria for submittal of a short-form rent increase application. The amount requested covers a 24 month period of consideration from December 31, 2009 to December 31, 2011. 75% of the change in the Consumer Price Index for the 24 month period is 2.989%. The owner is requesting an increase for 216 of the 314 spaces in the Park. Spaces not listed on the application request are on long-term leases, are vacant or have residents receiving rental subsidies. The average space rent for the 107 spaces subject to rent control is \$456.84. The average space rent for the 216 spaces subject to rent control is \$425.34. The average increase per space is approximately \$11.41.

CURRENT BUSINESS

CalPERS Contract Amendment – Sworn Police
(S. Bennett)

Second Reading of CalPERS contract Amendment and Adoption of Final Ordinance for Sworn Police; Section 20475, Different Level of Benefits 2% @ 50; and Section 20037 – Three Year Final Compensation

Future Agenda Items (D. Halverson)