

**STAFF REPORT****CITY OF OCEANSIDE**

DATE: April 5, 2017

TO: Honorable Mayor and City Councilmembers

FROM: Development Services Department

SUBJECT: **PROFESSIONAL SERVICES AGREEMENT FOR A PROJECT STUDY REPORT AND CONCEPTUAL PLANS FOR THE COASTAL RAIL TRAIL FROM OCEANSIDE BOULEVARD TO MORSE STREET AND APPROPRIATION OF \$15,000**

**SYNOPSIS**

Staff recommends that the City Council approve a Professional Services Agreement with Dokken Engineering of San Diego in the amount of \$71,034 for a Project Study Report and conceptual plans for the Coastal Rail Trail from Oceanside Boulevard to Morse Street; appropriate \$15,000 from the TransNet Fund (Fund 212) to the Coastal Rail Trail project account; and authorize the City Manager to execute the agreement.

**BACKGROUND**

The project proposes to provide connection between the existing segments of the Coastal Rail Trail (CRT) north of Oceanside Boulevard and south of Morse Street. The improvements will include a bridge over the Loma Alta Creek at Buccaneer Park.

In November 2016 a Request For Proposals (RFP) was advertised for the Project Study Report (PSR) and conceptual plans. Subsequently a pre-proposal meeting and a field meeting was held for the interested consultants.

Six firms submitted proposals in December 2016 (Attachment A). The proposals were evaluated by the City's selection committee (Attachment B) and two firms were short listed for interviews in January 2017. Dokken Engineering's team was determined to be the most qualified consultant for the project.

**ANALYSIS**

Dokken Engineering's team was determined to be most qualified for the project based on technical expertise, previous comparable work, and familiarity with the City and the CRT project through their prior involvement with a segment of the CRT.

Dokken Engineering's proposal was comprehensive, provided amplifying information, addressed all the RFP requirements, listed the appropriate staffing with specific expertise for the project, and provided insight into the design solutions for the project.

The project has four separate phases, as follows:

1. Project Study Report (PSR), Feasibility Analysis, and conceptual design phase
2. Environmental permitting and technical studies phase
3. Design phase – preparation of Plans, Specifications and Cost Estimate
4. Construction

The current Professional Services Agreement is for Phase 1. The scope of services for this phase includes the development and analysis of alternatives for the CRT's alignment across the Loma Alta Creek and Marsh and for the bridge design. Each alternative will include a preliminary cost analysis. At the completion of this phase, the preferred alternative will be selected. The consultant will prepare plans in appropriate detail for Phase 2.

The PSR and conceptual design phase of the project is expected to be completed by Dokken's team by fall 2017.

### **FISCAL IMPACT**

The estimated cost of the PSR and conceptual design effort, including contingencies, staff time, and administration is approximately \$89,000. The PSA with Dokken Engineering is \$71,034. The Coastal Rail Trail project account 904146616212 has an available balance of approximately \$74,394. A budget increase of \$15,000 is needed to cover project contingencies. \$15,000 will be appropriated to Coastal Rail Trail project account 904146616212.5305.10100 TransNet Reserves will fund the appropriation. With additional appropriation, \$89,394 will be available and is sufficient to complete the PSR and the conceptual design. The funding source is Transnet Fund 212. Therefore, sufficient funds are available.

### **ENVIRONMENTAL REVIEW**

This action does not approve a "project" as defined by the California Environmental Quality Act (CEQA). Environmental review is not required at this time.

### **INSURANCE REQUIREMENTS**

The City's standard insurance requirements will be met.

### **COMMISSION OR COMMITTEE REPORT**

Does not apply.

**CITY ATTORNEY'S ANALYSIS**

The referenced documents have been reviewed by the City Attorney and approved as to form.

**RECOMMENDATION**

Staff recommends that the City Council approve a Professional Services Agreement with Dokken Engineering of San Diego in the amount of \$71,034 for a Project Study Report and conceptual plans for the Coastal Rail Trail from Oceanside Boulevard to Morse Street; appropriate \$15,000 from the TransNet Fund (Fund 212) to the Coastal Rail Trail project account; and authorize the City Manager to execute the agreement.

PREPARED BY:



\_\_\_\_\_  
Gabor Pakozdi  
Associate Engineer

SUBMITTED BY:



\_\_\_\_\_  
Michelle Skaggs Lawrence  
City Manager

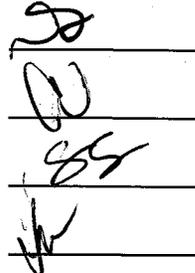
REVIEWED BY:

Deanna Lorson, Assistant City Manager

Peter A. Weiss, Consulting Assistant

Steven E. Strapac, City Engineer

Jane M. McPherson, Financial Services Director



Attachment A – Proposal Rating Results  
Attachment B – Professional Services Agreement

**Attachment A – Proposal Results**

<b>RANK</b>	<b>COMPANY</b>	<b>RATING</b>	<b>PROPOSAL AMOUNT</b>
1	Dokken	81.24	\$58,426*
2	KOA	78.38	\$59,000
3	Alta	62.11	\$124,809
4	Nasland	62.05	\$84,992
5	NV5	58.42	\$126,948
6	QIC	51.38	\$149,822

\* \$71,034 with add-ons and contingencies subsequently requested by City staff.

**Attachment B - Professional Services Agreement**

**CITY OF OCEANSIDE**

**PROFESSIONAL SERVICES AGREEMENT**

**PROJECT: Coastal Rail Trail from Oceanside Boulevard to Morse Street  
CIP16-00011**

THIS AGREEMENT, dated \_\_\_\_\_, 2017, for identification purposes, is made and entered into by and between the CITY OF OCEANSIDE, a municipal corporation, hereinafter designated as "CITY", and Dokken Engineering, Inc. of San Diego, CA, hereinafter designated as "CONSULTANT."

**NOW THEREFORE, THE PARTIES MUTUALLY AGREE AS FOLLOWS:**

1. **SCOPE OF WORK.** The project is more particularly described as follows:

The Consultant shall develop, analyze, and present alternatives for the bridge design. Each alternative shall include a preliminary cost analysis. The cost analysis shall include a Life Cycle Cost Analysis.

The Consultant shall develop, analyze and present alternatives for the Coastal Rail Trail (CRT) connection across the park and through the vacant portion of the La Salina plant site. Each alignment shall consider connectivity with the existing bicycle trail from Coast Highway. Each alternative shall include a preliminary cost analysis.

All alternatives shall minimize conflict with the environmentally sensitive areas of the Loma Alta Marsh and the Loma Alta Creek floodway. The Consultant shall seek advice from FEMA and the appropriate environmental and regulatory agencies to gain clarity as to the requirements of these agencies.

Coordination with North County Transit District (NCTD) is underway to obtain the necessary easement and Right to Entry Permit. The Consultant shall provide all necessary drawings, diagrams, and legal descriptions from appropriately licensed professionals for all documents requested by NCTD. The Consultant's personnel working in the railroad right-of-way shall receive training and certification required by NCTD. Any field work by the Consultant in the railroad right-of-way shall be appropriately coordinated and permitted with NCTD at no cost to the City.

The project shall fully comply with current federal, state, and local storm water regulations.

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The Consultant shall perform surveying and mapping to identify the location and the nature of the environmentally sensitive areas.

### **Work Products - Deliverables**

The Consultant shall prepare conceptual plans, profiles, sections, and details as follows:

- Topographic maps suitable for conceptual design
  - All pertinent right-of-way and easement information
  - Boundaries of environmentally sensitive areas
  - Drainage and compliance with water quality regulations
  - Plans, maps, and legal descriptions for NCTD easement acquisition
- All drawings shall be submitted in both AutoCAD and PDF format.

The consultant shall provide narratives for the alternatives, detailing associated constraints and cost considerations.

The attached Work Plan (EXHIBIT “A”) provides further details of the CONSULTANT’S Scope of Work.

2. **INDEPENDENT CONTRACTOR.** CONSULTANT'S relationship to the CITY shall be that of an independent contractor. CONSULTANT shall have no authority, express or implied, to act on behalf of the CITY as an agent, or to bind the CITY to any obligation whatsoever, unless specifically authorized in writing by the City Engineer. The CONSULTANT shall not be authorized to communicate directly with, nor in any way direct the actions of, any bidder or the construction contractor for this project without the prior written authorization by the City Engineer. CONSULTANT shall be solely responsible for the performance of any of its employees, agents, or subcontractors under this Agreement, including the training of each employee regarding the rights and responsibilities of an employer and employee for any potential discrimination or harassment claim under state or federal law. CONSULTANT shall report to the CITY any and all employees, agents, and consultants performing work in connection with this project, and all shall be subject to the approval of the CITY.
3. **WORKERS' COMPENSATION.** Pursuant to Labor Code section 1861, the CONSULTANT hereby certifies that the CONSULTANT is aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for Workers' Compensation or to undertake self-insurance in accordance with the provisions of that Code, and the CONSULTANT will comply with such provisions, and provide certification of such compliance as a part of this Agreement.

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**4. LIABILITY INSURANCE.**

- 4.1.** CONSULTANT shall, throughout the duration of this Agreement maintain comprehensive general liability and property damage insurance, or commercial general liability insurance, covering all operations of CONSULTANT, its agents and employees, performed in connection with this Agreement including but not limited to premises and automobile.
- 4.2** CONSULTANT shall maintain liability insurance in the following minimum limits:

Comprehensive General Liability Insurance  
(bodily injury and property damage)

Combined Single Limit Per Occurrence	\$ 1,000,000
General Aggregate	\$ 2,000,000*

Commercial General Liability Insurance  
(bodily injury and property damage)

General limit per occurrence	\$ 1,000,000
General limit project specific aggregate	\$ 2,000,000

<u>Automobile Liability Insurance</u>	\$ 1,000,000
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\*General aggregate per year, or part thereof, with respect to losses or other acts or omissions of CONSULTANT under this Agreement.

- 4.3** If coverage is provided through a Commercial General Liability Insurance policy, a minimum of 50% of each of the aggregate limits shall remain available at all times. If over 50% of any aggregate limit has been paid or reserved, the CITY may require additional coverage to be purchased by the CONSULTANT to restore the required limits. The CONSULTANT shall also notify the CITY'S Project Manager promptly of all losses or claims over \$25,000 resulting from work performed under this contract, or any loss or claim against the CONSULTANT resulting from any of the CONSULTANT'S work.
- 4.4** All insurance companies affording coverage to the CONSULTANT for the purposes of this Section shall add the City of Oceanside as "additional insured" under the designated insurance policy for all work performed under this agreement. Insurance coverage provided to the City as additional insured shall be primary insurance and other insurance maintained by the City of Oceanside, its officers, agents, and employees shall be excess only and not contributing with insurance provided pursuant to this Section.

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- 4.5 All insurance companies affording coverage to the CONSULTANT pursuant to this agreement shall be insurance organizations admitted by the Insurance Commissioner of the State of California to transact business of insurance in the state or be rated as A-X or higher by A.M. Best.
- 4.6 CONSULTANT shall provide thirty (30) days written notice to the CITY should any policy required by this Agreement be cancelled before the expiration date. For the purposes of this notice requirement, any material change in the policy prior to the expiration shall be considered a cancellation.
- 4.7 CONSULTANT shall provide evidence of compliance with the insurance requirements listed above by providing, at minimum, a Certificate of Insurance and applicable endorsements, in a form satisfactory to the City Attorney, concurrently with the submittal of this Agreement.
- 4.8 CONSULTANT shall provide a substitute Certificate of Insurance no later than thirty (30) days prior to the policy expiration date. Failure by the CONSULTANT to provide such a substitution and extend the policy expiration date shall be considered a default by CONSULTANT and may subject the CONSULTANT to a suspension or termination of work under the Agreement.
- 4.9 Maintenance of insurance by the CONSULTANT as specified in this Agreement shall in no way be interpreted as relieving the CONSULTANT of any responsibility whatsoever and the CONSULTANT may carry, at its own expense, such additional insurance as it deems necessary.
5. **PROFESSIONAL ERRORS AND OMISSIONS INSURANCE.** Throughout the duration of this Agreement and four (4) years thereafter, the CONSULTANT shall maintain professional errors and omissions insurance for work performed in connection with this Agreement in the minimum amount of One Million Dollars (\$1,000,000.00).

CONSULTANT shall provide evidence of compliance with these insurance requirements by providing a Certificate of Insurance.

6. **CONSULTANT'S INDEMNIFICATION OF CITY.** To the greatest extent allowed by law (including, without limitation, California Civil Code section 2782.8), CONSULTANT shall indemnify and hold harmless the CITY and its officers, agents and employees against all claims for damages to persons or property arising out of CONSULTANT'S work, including the negligent acts, errors or omissions or wrongful acts or conduct of the CONSULTANT, or its employees, agents, subcontractors, or others in connection with the execution of the work covered by this Agreement, except for those claims arising from the willful misconduct, sole

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negligence or active negligence of the CITY, its officers, agents, or employees. CONSULTANT'S indemnification shall include any and all costs, expenses, attorneys' fees, expert fees and liability assessed against or incurred by the CITY, its officers, agents, or employees in defending against such claims or lawsuits, whether the same proceed to judgment or not. Further, CONSULTANT at its own expense shall, upon written request by the CITY, defend any such suit or action brought against the CITY, its officers, agents, or employees founded upon, resulting or arising from the conduct, tortious acts or omissions of the CONSULTANT.

CONSULTANT'S indemnification of CITY shall not be limited by any prior or subsequent declaration by the CONSULTANT.

7. **OWNERSHIP OF DOCUMENTS.** All plans and specifications, including details, computations and other documents, prepared or provided by the CONSULTANT under this Agreement shall be the property of the CITY. The CITY agrees to hold the CONSULTANT free and harmless from any claim arising from any use, other than the purpose intended, of the plans and specifications and all preliminary sketches, schematics, preliminary plans, architectural perspective renderings, working drawings, including details, computation and other documents, prepared or provided by the CONSULTANT. CONSULTANT may retain a copy of all material produced under this Agreement for the purpose of documenting CONSULTANT's participation in this project.
8. **COMPENSATION.** CONSULTANT'S compensation for all work performed in accordance with this Agreement, shall not exceed the total contract price of \$71,034.

The attached Fee Schedule (EXHIBIT "B") provides further details of the CONSULTANT'S fees.

No work shall be performed by CONSULTANT in excess of the total contract price without prior written approval of the City Engineer. CONSULTANT shall obtain approval by the City Engineer prior to performing any work that results in incidental expenses to CITY.

9. **TIMING REQUIREMENTS.** Time is of the essence in the performance of work under this Agreement and the timing requirements shall be strictly adhered to unless otherwise modified in writing. All work shall be completed in every detail to the satisfaction of the Engineer by October 31, 2017.

The attached SCHEDULE (EXHIBIT "C") provides further details of the project's timing..

**Coastal Rail Trail from Oceanside Boulevard to Morse Street – CIP16-00011**

10. **ENTIRE AGREEMENT.** This Agreement comprises the entire integrated understanding between CITY and CONSULTANT concerning the work to be performed for this project and supersedes all prior negotiations, representations, or agreements.
11. **INTERPRETATION OF THE AGREEMENT.** The interpretation, validity and enforcement of the Agreement shall be governed by and construed under the laws of the State of California. The Agreement does not limit any other rights or remedies available to CITY.

The CONSULTANT shall be responsible for complying with all local, state, and federal laws whether or not said laws are expressly stated or referred to herein.

Should any provision herein be found or deemed to be invalid, the Agreement shall be construed as not containing such provision, and all other provisions, which are otherwise lawful, shall remain in full force and effect, and to this end the provisions of this Agreement are severable.

12. **AGREEMENT MODIFICATION.** This Agreement may not be modified orally or in any manner other than by an agreement in writing signed by the parties hereto.
13. **TERMINATION OF AGREEMENT.** Either party may terminate this Agreement by providing thirty (30) days written notice to the other party. If any portion of the work is terminated or abandoned by the CITY, then the CITY shall pay CONSULTANT for any work completed up to and including the date of termination or abandonment of this Agreement. The CITY shall be required to compensate CONSULTANT only for work performed in accordance with the Agreement up to and including the date of termination.
14. **SIGNATURES.** The individuals executing this Agreement represent and warrant that they have the right, power, legal capacity and authority to enter into and to execute this Agreement on behalf of the respective legal entities of the CONSULTANT and the CITY.

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IN WITNESS WHEREOF, the parties hereto for themselves, their heirs, executors, administrators, successors, and assigns do hereby agree to the full performance of the covenants herein contained and have caused this Professional Services Agreement to be executed by setting hereunto their signatures on the dates set forth below.

DOKKEN ENGINEERING, INC.

CITY OF OCEANSIDE

By: *Richard T. Liptak*  
Name/Title President  
*Richard T. Liptak*

By: \_\_\_\_\_  
City Manager

Date: 3/14/17

Date: \_\_\_\_\_

By: *Cathy Chan*  
Name/Title Secretary  
*Cathy Chan*

APPROVED AS TO FORM:

Date: 3/14/2017

*Richard Hamilton, Esq.*  
City Attorney

68-0099664

Employer ID No.

**NOTARY ACKNOWLEDGMENTS OF CONSULTANT MUST BE ATTACHED.**

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

# CALIFORNIA ALL-PURPOSE CERTIFICATE OF ACKNOWLEDGMENT

State of California )

County of Sacramento )

On 3/14/2017 before me, Camran Sadeghi, Notary Public  
(here insert name and title of the officer)

personally appeared Richard T. Liptak and Cathy Chan

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

Camran Sadeghi

(Seal)

### OPTIONAL INFORMATION

Although the information in this section is not required by law, it could prevent fraudulent removal and reattachment of this acknowledgment to an unauthorized document and may prove useful to persons relying on the attached document.

### Description of Attached Document

The preceding Certificate of Acknowledgment is attached to a document titled/for the purpose of Coastal Rail Trail from Oceanside Boulevard to Morse Street containing \_\_\_\_\_ pages, and dated \_\_\_\_\_.

The signer(s) capacity or authority is/are as:

- Individual(s)
- Attorney-in-Fact
- Corporate Officer(s) President Title(s)
- Secretary
- Guardian/Conservator
- Partner - Limited/General
- Trustee(s)
- Other: \_\_\_\_\_

representing: Dokken Engineering  
Name(s) of Person(s) or Entity(ies) Signer is Representing

### Additional Information

#### Method of Signer Identification

Proved to me on the basis of satisfactory evidence:  
 form(s) of identification  credible witness(es)

Notarial event is detailed in notary journal on:  
Page # \_\_\_\_\_ Entry # \_\_\_\_\_

Notary contact: \_\_\_\_\_

#### Other

Additional Signer(s)  Signer(s) Thumbprint(s)

\_\_\_\_\_

## Work Plan

### **TASK 1.0 PROJECT MANAGEMENT**

#### **Subtask 1.1 Meetings and Coordination**

Dokken Engineering will organize, attend, and facilitate meetings (as necessary) to provide progress updates, coordinate between stakeholders and technical disciplines, and facilitate overall project communication. For each meeting, Dokken Engineering will provide meeting notices, prepare meeting materials and agenda, attend and facilitate the meeting and prepare meeting minutes. Dokken Engineering will consult with the City's project manager prior to each meeting to get input regarding the agenda. The following meetings are anticipated for this project:

***Kickoff Meeting (1):*** At the start of the project, Dokken Engineering will organize a kickoff meeting with all key personnel, design team members and stakeholder representatives on the project. The purpose of this meeting will be to review the goals and objectives of the project, discuss each team member's roles and responsibilities, identify critical project issues and obtain consensus on task durations, particularly reviews. The kickoff meeting helps to ensure that everyone on the project team is on the same page and functioning with the same understanding regarding project delivery and execution.

***PDT Meetings (5):*** The project development team (PDT) meetings will serve as the primary forum for reviewing the status of the project and identifying and resolving project issues. Attendees are anticipated to include City staff, Dokken Engineering's Project Manager, consultant task leads, and other stakeholders, as necessary. Throughout the anticipated duration of the project phase, Dokken Engineering will attend and facilitate up to five PDT meetings.

***Field Coordination Meeting (1):*** Dokken Engineering will facilitate a Field coordination meeting with the City.

***Council Meeting (1):*** Dokken Engineering will attend and, if requested, present the proposed improvements at Council/Committee meetings, as required.

***Utility Company and Resource Agency Meeting (2):*** Dokken Engineering will attend up to two utility/agency coordination meeting.

***Deliverables:*** *Up to ten Meeting notices, agendas and minutes, and presentation materials; Council/Public presentation materials, including project exhibits*

#### **Subtask 1.2 Project Administration**

Dokken Engineering will monitor and control the effort and progress of the proposed services as follows:

- Set up project accounting system
- Prepare monthly Progress Reports indicating work accomplished in the last period, anticipated work to be completed in the next period, issues that require resolution, milestones achieved, meetings held, problems encountered and actions taken, approval actions required, coordination issues and design schedule impacts and client invoices
- Prepare, monitor and adjust CPM Schedule on a monthly basis

***Deliverables:*** *Monthly Progress Report, Project Schedule, Team Coordination*

## **Task 2.0      PREPARE AND SUBMIT DRAFT AND FINAL CONCEPT EXHIBITS AND COSTS**

Our Team shall utilize the City of Oceanside 2014 digital topographic mapping for the Preliminary Study Report and enhance it with the limits of the environmentally sensitive areas and other items of concern based upon a site investigation and site visit inspections. Dokken Engineering shall also coordinate with the Water Utilities Department and obtain needed information on the La Salina Water Treatment Plant. We will also meet with the City Project manager for the Buccaneer Park Development Project and coordinate our alignment with the anticipated park improvements so the projects provide one harmonized look and feel to the project maintaining the unique character of the community so that visitors and residents will have a relaxing and enjoyable time using the Coastal Trail and the Park.

The Dokken Engineering Team will develop draft concept exhibits to the City and Stakeholders for review. The concept exhibits will include the north and south segments from the existing Coastal Rail Trail to Loma Alta Creek and the bridge crossing Loma Alta Creek. These alternatives will include several horizontal alignments and profile configurations, structure type, retaining walls and graded slopes for pedestrian safety. The trail alignment will include ADA accessible grades.

Existing data shall include but will not be limited to 2D or 3D contour lines, 2D plans of the existing condition, 2D plans of street improvements along S. Pacific and Morse Street, site photos, and 2D plans of utility locations. We will also include 2D or 3D plans, elevations, and sections of the proposed trail along with other pertinent information regarding preferred alignments, points of departure, materiality, and structural typologies. Our concepts will also take into account the future Buccaneer Park, La Salinas Wastewater Treatment Plant Decommissioning, and the future Parking Lot.

### **North Alignment**

The North Alignment extends from the existing Coastal Rail Trail at Oceanside Boulevard to Loma Alta Creek. Up to four alignment alternatives will be evaluated within this Northern segment to include impacts to environmental resources and right of way and costs

### **Bridge Across Loma Alta Creek**

Based on the alignments developed in this proposal, our team has identified up to seven potential crossing locations. We will coordinate with the City on these crossing locations and evaluate their feasibility. For each bridge alignment alternative considered, DE will develop up to three structure type alternatives. In developing a comprehensive evaluation, DE will prepare a life cycle cost analysis incorporating all costs associated with each bridge alternative over the design life of the project, which will be used along with qualitative evaluation of other factors, such as aesthetics, suitability for the site, hydraulic performance and user experience, to guide the City in choosing a bridge type and path alignment combination that best meets the City's goals for the project.

### **South Alignment**

The South Alignment extends from the proposed bridge crossing Loma Alta Creek and extends further south to the existing Coastal Rail Trail through Buccaneer Park. Up to four alignment alternatives will be evaluated for this segment. For each alignment alternative DE will develop retaining wall alternatives for the walls necessary along NCTD right of way and between Morse St. and the existing playground area. The evaluation of wall types will provide the City with a comprehensive understanding of the factors influencing wall type decisions – including constructability, cost, and aesthetic options.

### **Total Project Costs**

Each alignment alternative will include a cost estimate to include the construction, utility, right of way and environmental mitigation costs.

Following the initial vetting of the eleven draft concepts, up to six alternatives will be further developed and tailored to fit into the context of those locations. This will provide two complete alignment options for this segment of the Coastal Rail Trail. This development will include the selection of the structural type, surface finishes, color, railings, and other architectural features such as overall design character, canopies, enclosures, access points, and landscape context integration. This will be presented in a combination of formats including graphics, sections, elevations, details, plans, photo examples, material examples and two computer simulations.

These final concepts will be presented to the stakeholders to receive input and provide a recommendation of the architectural treatments desired for this. Once the stakeholders reach agreement to the level of architectural detail, our team will prepare horizontal and vertical alignments of the preferred concept. The geometric layout will include a plan view of the proposed improvements superimposed on the base mapping, structure crossing, and circulation of the pedestrian and bicycle movements once outside the bridge structure to ensure safe and consistent circulation, typical cross sections, and applicable dimensions and slopes to meet ADA requirements.

*Deliverables: Eleven draft concepts, six final concepts, and two computer simulations.*

### **Task 3.0 UTILITY COORDINATION**

Dokken Engineering will prepare a project limits map immediately after the Notice to Proceed and request utility information from the utility owners within the project area. Dokken Engineering will prepare draft request for mapping letters to affected utility owners on City letterhead for City review and approval prior to transmitting project base maps to utility owners. Two sets of project base maps will be provided to each utility owner as an attachment to the transmittal request for the mapping letter. A copy of the utility data obtained from utility owners will be provided to the City and the original will be filed in the project files. Information on existing utilities obtained as a result of the request for mapping submittal will be transferred to base maps in both plan and profile view. The request for mapping responses will be submitted to the City.

Dokken Engineering will prepare a utility facility map to integrate the information supplied by the utility owners. Information on existing utilities obtained as a result of this effort will be used to identify utility conflicts.

*Deliverables: Request for Mapping letters; Existing Utility Plans, Utility Base Map*

### **Task 4.0 RAILROAD COORDINATION**

Dokken Engineering will prepare and process the NCTD Right of Entry permits required for all site investigations required during this phase. Dokken Engineering will also coordinate with the City and NCTD to discuss the alternatives for this project and the potential impacts within the NCTD right of way.

*Deliverable: NCTD Right of Entry Permit*

### **Task 5.0 PERFORM PRELIMINARY RIGHT OF WAY AND TOPOGRAPHIC MAPPING**

The Dokken Engineering will define the right of way limits needed for the Coastal Rail Trail Project and develop the preliminary Right of Way Plats and legal descriptions. The preliminary Project Study Report Level Plats, Maps and Legal descriptions shall be prepared meeting the requirements of NCTD based on the previous right of way work completed at each end of the project at

the tie in locations and record map information researched by Dokken Engineering Personnel together with the title report abstract, legal description and encumbrance exhibit B information as provided by the City of Oceanside.

For the Topographic Mapping the Dokken Engineering Survey personnel shall utilize the existing topography as provided by the City of Oceanside and develop a layer to indicate the limits of the environmentally sensitive area so that it can be avoided in the preliminary design included in the Project Study report. Our Land Surveying personnel will be sure that the coordinates as developed for any environmental area and profiles are on the same California Coordinate System of 1983 with North American Vertical Datum of 1988 elevations as used for the original City of Oceanside base topography.

*Deliverable: Preliminary Plat and Legal description for NCTD Easement*

#### **TASK 6.0 HYDRAULIC AND HYDROLOGY SUMMARY MEMO**

Dokken Engineering will review existing drainage reports available and provide a preliminary recommendation of the 50 and 100 year water surface elevation. This information will provide our structures team with the elevation information to set the bridge soffit elevation.

*Deliverable: Hydraulic and Hydrology Summary Memo*

#### **Task 7.0 ENVIRONMENTAL CONSTRAINTS ANALYSIS**

Dokken Engineering will perform survey work, obtain records searches, and examine any information from prior environmental analysis of the project area in order to prepare an environmental constraints analysis for the Coastal Rail Trail and Bridge over the Loma Alta Creek. In order to provide a complete scoping of the physical and human environment within the project area the following tasks will be performed:

- Obtain and evaluate prior environmental studies, local general plan information, and any other local policies which could affect the environmental process.
- Discuss and verify initial Purpose and Need, Alternatives, project specific features, and a project description through coordination with the City of Oceanside and the Dokken Engineering Project Manager.
- Obtain a Cultural Resources/Native American Resources records search.
- Survey the built environment for potential historic resources (if any) that could require full evaluation during PA&ED.
- Obtain record searches from the United States Fish and Wildlife Service and California Natural Diversity Database to evaluate the potential for threatened, endangered, or other special status plant and animal species.
- Prepare an initial environmental constraints map of identified environmental resources in the project area. Once the project features have been identified, this map will be converted into an Environmental Study Area map for use with future environmental documentation.

Dokken Engineering Environmental Staff will provide the City of Oceanside with a complete environmental scoping of environmental concerns for the Coastal Rail Trail and Bridge over the Loma Alta Creek. The information will be delivered in an Environmental Constraints Analysis Report and will include a summary of the environmental issues and a list of each environmental technical study that will be required as part of the PA&ED phase of a future project. Potentially significant

impacts will be highlighted so that design alternatives can take impacts and their associated costs into consideration as part of the feasibility study.

*Deliverables: Environmental Summary Memo*

#### **TASK 8.0 FEASIBILITY ANALYSIS**

Once our team has identified the alignment alternatives, environmental constraints and the hydraulic and hydrology data, we will develop a matrix. We will prepare an evaluation matrix to provide the advantages and disadvantages of each of the alignments in addition to the environmental, right of way and drainage impacts. This matrix will be presented to the City staff to receive input. Following our meeting with the City, a memo will be prepared to summarize the results of their input.

*Deliverables: Feasibility Analysis Memo*

#### **TASK 9.0 DRAFT PROJECT STUDY REPORT**

The Draft Project Study Report will be prepared to document the project background, decisions made and to request City approval. The outline below will be used to prepare the Project Study Report and as identified in the Caltrans Project Development Procedures Manual, Appendix L.

1. Introduction
2. Background
  - a. Project History
  - b. Community Interaction
  - c. Existing Facility
3. Purpose and Need
  - a. Problem, Deficiencies, Justification
  - b. Regional and System Planning
4. Alternatives
  - a. No build
  - b. Viable Alternatives
  - c. Rejected Alternatives
5. Community Involvement
6. Environmental Compliance
7. Funding/Programming
8. Delivery Schedule
9. Risks
10. Project Reviews
11. Project Personnel

#### **ATTACHMENTS:**

- a. Vicinity Map
- b. Typical Sections
- c. Layout Sheets
- d. Construction Cost Estimate
- e. Right of Way Impacts and Costs

f. Environmental Analysis Memo

Deliverables: Draft Project Study Report (PDF and 10 hard copies)

**TASK 10.0 FINAL PROJECT STUDY REPORT**

The Final Project Study Report will be updated based on City comments and finalized.

Deliverables: Final Project Study Report (PDF and 10 hard copies)

**TASK 11.0 PREPARE GRANT APPLICATION**

Our team will assist the City in identifying grant funding opportunities. Based on our experience, this project can qualify for Active Transportation Program (ATP) grant funding administered through Caltrans/FHWA or Water Quality Funding administered through the State Water Resources Control Board. Our team will prepare up to two grant funding applications for the City to apply for grant funds.

Deliverables: Grant Funding Applications (2)

**TASK 12.0 COMMUNITY OUTREACH**

Our team will prepare for and conduct a Community meeting to present the project, and to discuss the character and priorities that are important to the Community. This community meeting will include a project site walk-thru to discuss the proposed bridge design, location, and any required mitigation.

Deliverables: Graphics

## FEE SCHEDULE

	TOTAL
<b>Project Study Report (PSR), Feasibility Study, and Conceptual Design for the Coastal Rail Trail and Bridge across Loma Alta Creek in the City of Oceanside</b>	
LOADED RATE	TOTAL COST
	\$64,575.78
<b>Task 1.0 - Project Management</b>	\$7,549.24
1.1 Meetings and Coordination	\$5,307.82
1.2 Project Administration	\$2,241.42
<b>Task 2.0 Prepare and Submit Draft and Final Concept Exhibits and Costs</b>	\$6,678.99
<b>Task 3.0 - Utility Coordination</b>	\$1,845.21
<b>Task 4.0 - Railroad Coordination</b>	\$1,618.81
<b>Task 5.0 Perform Preliminary Right of Way and Topographic Mapping</b>	\$5,583.97
<b>Task 6.0 Hydraulic and Hydrology Summary Memo</b>	\$2,190.48
<b>Task 7.0 Environmental Constraints Analyses</b>	\$5,422.43
<b>Task 8.0 Feasibility Analysis</b>	\$10,561.86
<b>Task 9.0 Draft Project Study Report</b>	\$7,675.18
<b>Task 10.0 - Final Project Study Report</b>	\$5,643.18
<b>Task 11.0 - Prepare Grant Application</b>	\$3,656.46
<b>Task 12.0 - Community Outreach</b>	\$6,149.97
<b>TOTAL HOURS</b>	
<b>TOTAL COST</b>	\$64,575.78
<b>10% CONTINGENCY</b>	\$6,457.58
<b>TOTAL COST + 10% CONTINGENCY</b>	\$71,033.36



# Coastal Rail Trail and Bridge Across Loma Alta Creek

Key Tasks	MAR	APR	MAY	JUN	JUL	AUG	SEP
<b>Contract Award</b>		★ 4/06					
<b>Preliminary Engineering</b>		████████████████████ 6/09					
<b>PSR</b>					★ 7/06 Draft PSR	★ 9/07 Final PSR	
<b>Grant Funding</b>		4/06	Prepare Grant Applications		6/15		

SCHEDULE

EXHIBIT "C"