

**AMENDMENT NO. 2 TO  
PROFESSIONAL SERVICES AGREEMENT  
CIP 22-02: VALLEY BLVD. WIDENING PROJECT  
(PROFESSIONAL ENVIRONMENTAL AND CIVIL ENGINEERING DESIGN SERVICES)**

This is Amendment No. 2 ("Amendment No. 2") to that certain Professional Services Agreement ("Agreement") made on January 19, 2022 between the City of Menifee ("City") and **DOKKEN ENGINEERING** ("Consultant") for **CIP 22-02: VALLEY BLVD. WIDENING PROJECT (PROFESSIONAL ENVIRONMENTAL AND CIVIL ENGINEERING DESIGN SERVICES)** as amended by that certain Amendment No. 1 to the Agreement entered into on June 21, 2023 ("Amendment No. 1"), which this Amendment No. 2 is made and entered into on January 22, 2024, **2023** to increase the compensation and augment the scope of services, as indicated below:

1. Capitalized terms used but not defined in this Amendment No. 2 shall have the meanings ascribed to them in the Agreement.
2. **SECTION 2**, "Compensation" is amended to increase the maximum compensation by **One Hundred Fifty Five Thousand One Hundred Sixty Dollars and Zero Cents (\$155,160.00)**, and is amended to read as follows:

**SECTION 2. COMPENSATION.**

City hereby agrees to pay Consultant a sum not to exceed **One Million Three Hundred Ninety Nine Thousand One Hundred Ninety One Dollars and Eighty One Cents (\$1,399,191.81)** notwithstanding any contrary indications that may be contained in Consultant's proposal, for the Services to be performed and reimbursable costs incurred under this Agreement. In the event of a conflict between this Agreement and Exhibit A, regarding the amount of compensation, this Agreement shall prevail. City shall pay Consultant for the Services rendered pursuant to this Agreement at the time and in the manner set forth herein. The payments specified below shall be the only payments from City to Consultant for the Services rendered pursuant to this Agreement. Consultant shall submit all invoices to City in the manner specified herein. Except as specifically authorized in advance by City, Consultant shall not bill City for duplicate services performed by more than one person.

3. Exhibit A, "Scope of Services" is supplemented to include the supplement attached as Exhibit A hereto. The supplement to the "Scope of Services" is not intended to replace the original Exhibit A to the Agreement, but instead to augment and increase the scope of work listed in the original Exhibit A to the Agreement. The

initial paragraph of the original Exhibit A, "Scope of Services", to the Agreement is amended to read as follows:

#### SCOPE OF SERVICES

Consultant shall provide Professional Environmental and Civil Engineering Design services for CIP 22-02 Valley Blvd. Widening Project, services in the amount not to exceed **One Million Three Hundred Ninety Nine Thousand One Hundred Ninety One Dollars and Eighty One Cents (\$1,399,191.81)** as further detailed in the following page(s).

4. All other terms and conditions of the Agreement remain in full force and effect.
5. This Amendment No. 2 may be executed in multiple counterparts, each of which shall be an original and all of which together shall constitute one agreement.

(Signatures on Following Page)

CITY OF MENIFEE

Rebekah Kramer, Acting City Manager  
Rebekah Kramer, Acting City Manager

Attest:

Sarah A. Manwaring, City Clerk  
Sarah Manwaring, City Clerk

Approved as to Form:

Jeffrey T. Melching, City Attorney  
Jeffrey T. Melching, City Attorney

DOKKEN ENGINEERING

John A. Klemunes, Jr.  
John A. Klemunes, Jr, President

Cathy Chan, Secretary  
Cathy Chan, Secretary

EXHIBIT "A"  
Supplement to Scope of Services  
[Attached]



December 19, 2023

Diego Guillen  
City of Menifee  
Department of Public Works  
29844 Haun Road  
Menifee, CA 92586

**RE: Valley Boulevard Widening Project – Amendment 2**

Dear Mr. Guillen,

Dokken Engineering is currently under contract with the City of Menifee to provide preliminary engineering, environmental, right of way, and design services for the Valley Boulevard Widening Project. Dokken Engineering is requesting Amendment 2 to this contract for the following reasons:

**Traffic Signal Warrant Analysis:** The City has requested that a traffic signal warrant analysis be prepared for each of the proposed signalized intersections throughout the project site. This effort was not previously included in our scope of work.

**Appraisals:** The right of way acquisition effort will require that the property being purchased by the City be appraised to determine an appropriate offer value. This effort was anticipated to be completed by the City. Due to resource limitations, the City has requested that Dokken prepare the appraisals for the project.

**Murrieta Road Improvements:** The east side of Murrieta Road from the intersection with Valley Blvd to north of EMWD's driveway (see attached exhibit) needs to be improved to its ultimate condition. The City has requested that this segment be added to the Valley Blvd Widening Project. This effort includes design, utility coordination, and the acquisition of right of way from two new parcels.

See attached scope of work and cost proposal for this amendment request, totaling \$155,160.

Thank you in advance for your consideration of this amendment request and please do not hesitate to contact me at (916) 858-0642 if you have any questions or need additional information.

Sincerely,

A handwritten signature in blue ink that reads 'Pamela Dalcin-Walling'.

Pamela Dalcin-Walling  
Project Manager



EXHIBIT A



## SCOPE OF WORK:

### MILESTONE 3 – FINAL PS&E

#### Task 2.0 ENGINEERING STUDIES

##### TASK 2.5 TRAFFIC SIGNAL WARRANT ANALYSIS

###### Study Intersections

Signal warrant analyses will be performed for the following seven intersections:

1. Valley Boulevard and Murrieta Road
2. Valley Boulevard and Sun City Regional Water Reclamation Facility Driveway
3. Valley Boulevard and Honeyrun Road
4. Valley Boulevard and Ridgemoor Road
5. Valley Boulevard and Sun City Boulevard
6. Valley Boulevard and Cherry Hills Boulevard
7. Valley Boulevard and McCall Boulevard

###### Task A – Develop Intersection Turning Movement Forecasts

Fehr & Peers will utilize the RIVCOM traffic modeling efforts from the VMT Study to develop future year turning movement forecasts at each intersection. Fehr & Peers will develop traffic forecasts under the following future scenarios:

- Project Opening Year (2030)
- Future Year (2045)

The Opening Year scenario is based on the forecasted completion date of the Valley Boulevard widening and extension project from McCall Boulevard to Murrieta Road, according to the SCAG 2020 RTP and does not include the extension to Goetz Road. The Future Year scenario includes the extension of Valley Boulevard north to Goetz Road, which is currently not included in the RTP but was included in the previously prepared VMT forecasts.

Existing conditions estimates will be based on turning movement data gathered from the big data source, Streetlight, from the period June 1, 2022 – May 31, 2023.

###### Task B – Traffic Signal Warrant Analysis

Please note, a full traffic signal warrant assessment may include review of nine total warrants, per the California Manual on Uniform Traffic Control Devices (Caltrans, 2014 Edition, Revision 6, March 30, 2021):

- Warrant 1 – Eight Hour Vehicular Volume Warrant
- Warrant 2 – Four Hour Vehicular Volume Warrant
- Warrant 3 – Peak Hour
- Warrant 4 – Pedestrian Volume
- Warrant 5 – School Crossing
- Warrant 6 – Coordinated Signal Systems
- Warrant 7 – Crash Experience
- Warrant 8 – Roadway Network
- Warrant 9 – Intersection Near a Grade Crossing



However, many of these warrants are not applicable or data is not readily available given the future condition of the project. Therefore, we recommend focusing on peak hour signal warrant (Warrant 3), as we can forecast traffic data for this warrant and it is typically the first warrant satisfied.

Warrant 3 - Peak hour signal warrants require the following information to complete the analysis:

- Number of lanes on each approach of the intersection
- Peak hour traffic counts at the intersections
- Seconds of delay at the worst approach of the intersections

We will summarize our findings in a technical memorandum, which will be submitted to the client for one round of consolidated comments. The updated memorandum will then be submitted to the City for review.

#### **Task C – Meetings**

This scope of work assumes up to two virtual meetings with the City and project team.

*Deliverable: Traffic Signal Warrant Memo*

## **TASK 4.0 RIGHT OF WAY**

Additional right of way will be needed along the east side of Murrieta Road to extend ultimate roadway improvements north and south of the Valley Blvd intersection. Preliminary investigations show that Eastern Municipal Water District (EMWD) as well as a private parcel at the north conform will be impacted by the improvements. The right of way scope of work below assumes that the City will provide preliminary title reports for the parcels along the east side of Murrieta Road (EMWD and private parcel), right of way base mapping depicting existing right of way boundaries, and plats/legal descriptions of the acquisitions.

### **TASK 4.2 RIGHT OF WAY REQUIREMENT MAPS**

CONSULTANT will prepare a map showing the right of way requirements along Murrieta Blvd. The right of way map will provide enough detail to support the right of way acquisition activities and will define property acquisition/easement areas required for the project.

*Deliverables: Right of Way Requirement Map*

### **TASK 4.5 PROPERTY OWNER EXHIBITS**

Using the completed Right-of-Way mapping, together with the design layout, the area along Murrieta Road will be added to the Property Owner Exhibit for EMWD and a new Property Owner exhibit will be prepared for the private parcel. These exhibits will be used by the Appraiser during the appraisal process and by the Right of Way Team when negotiating with the landowners. The Property Owner Exhibits will provide the limits of the permanent and temporary acquisition areas, detail impacts to any improvements located within the project area and specify any construction contract work that may be necessary.

*Deliverables: Updated Property Owner Exhibit (EMWD), Property Owner Exhibit (private parcel)*

### **TASK 4.6 RIGHT OF WAY NEGOTIATIONS**

For the work along Murrieta Road, right of way will be required from the EMWD parcel APN 339-200-079 and private parcel APN 339-492-009. After completion of the appraisal process and just compensation determination, the right of way acquisition from the EMWD parcel along Murrieta Road will be added to the offer package prepared for the EMWD right of way along Valley Blvd. A new offer package will be prepared for the private parcel along Murrieta Road.

Both offer packages will include the offer letter, written summary of just compensation with supporting appraisal information, property owner exhibit showing property map with right of way take locations, Title VI information, "Your



Valley Boulevard Widening  
CIP No. 22-02



Property – Your Transportation Project” booklet. CONSULTANT will negotiate with the property owners to arrive at a mutually agreeable settlement and prepare necessary purchase agreements such as Grant Deeds, Easement Deeds, and Temporary Construction Easement Deeds. CONSULTANT will obtain receipt of delivery of offer and/or present and secure tenant information statements, as applicable, during the initial meeting.

CONSULTANT will work closely with the City to aid in the recommendation of the appropriate course of action regarding the various acquisitions with property owners requesting additional compensation and/or services beyond the initial offer package. Recommended settlement packages with justifications and impasse letters will be provided to the City for review. Working with the property owners to agreeable terms will be CONSULTANT’s focus. There may be situations where condemnation is unavoidable, such as clouds in the title. In the event the City will need to attain property through the condemnation process, CONSULTANT will assist in the preparation of all necessary condemnation reports, letters, and packages.

Additionally, CONSULTANT will attend, at the request of the City, any Public Community Meetings regarding the project.

CONSULTANT’s Right of Way Agents hold California Real Estate Salesperson’s Licenses and are working under the direct supervision of a California Real Estate Licensed Broker.

***Deliverables:*** *Right of Way Agreements, Grant and Easements Deeds, Administrative Settlements, Diaries, Written Summary of Acquisitions, Impasse Letters*

#### **TASK 4.7 ESCROW COORDINATION**

Upon reaching an agreement on the terms and conditions of the acquisition with EMWD and the private property owner, CONSULTANT will be available to assist the City in opening escrow. CONSULTANT will supply fully executed agreements along with other supporting information to escrow in order to close each transaction. CONSULTANT will work closely with the City to assist in the timely closing of all transactions. For the convenience of the property owner, our right of way team has a California Notary who will be available to notarize any documentation that is required. Fully executed deeds and easements will be delivered to the City for acceptance prior to recording. In the event escrow services are not required, CONSULTANT is available to perform these services and record the required documentation.

***Deliverables:*** *Escrow Documents and Closing Statements*

#### **TASK 4.8 RIGHT OF WAY CERTIFICATION/PROJECT CLOSE-OUT**

CONSULTANT will coordinate with the City and supply all required documentation for the right of way certification. CONSULTANT will review all acquisition documents for proper and complete execution, including formal acceptance.

The original acquisition file for each affected parcel will be provided to the City upon completion of the project. Each acquisition file will contain property information, diary report, written correspondence, just compensation documentation, appraisal(s), offer package, negotiations, title documentation, copies of recorded documents, and all applicable documentation.

***Deliverables:*** *Right of Way Certification Documentation, Original Acquisition Files*

#### **TASK 4.10 APPRAISALS**

Appraisals will be completed for improvements along Valley Blvd as well as Murrieta Road, consisting of 8 parcels in total, by licensed General Real Estate Appraisers. Parcels under the same ownership may be combined into one appraisal if it is determined that they meet the larger parcel characteristics. Notice of intent to appraise letters along with acquisition policy brochures will be provided to all impacted property owners. Appraisals will be arranged so that the property owner may accompany the appraiser during the inspection of the property. This allows the property owner the opportunity to provide additional information to the appraiser.

All appraisals will be prepared by an appraiser licensed with the State of California and will comply with all laws applicable to the specific appraisal and the Uniform Standards of Professional Appraisal Practice 49 CFR 24.2(a)(3). Appraisals will





include a summary and a complete analysis for all valuation conclusions. Documentation obtained during the inspection, such as pictures, will be included in each report. Title information pertaining to ownership, drawings, and information relative to the parcel will be reviewed by the appraiser.

*Deliverables: Appraisal Reports*

## Task 5.0 UTILITY COORDINATION

### TASK 5.1 UTILITY IDENTIFICATION

CONSULTANT will perform a utility search for affected utilities along Murrieta Road, including a review of the utility work compiled to date. The search will include a verification field review and review of available as-builts for the project area. If new utilities are identified beyond those already researched for Valley Blvd, CONSULTANT will update the database of utility records indicating the type of utility, owner, drawing number, and other vital information. The identified utility companies will be sent a letter requesting information regarding existing and proposed utilities. CONSULTANT will plot the location of all existing facilities on a utility base plan and identify potential utility conflicts. Where it is necessary to evaluate alternative impacts, CONSULTANT will meet with selected utilities to discuss a conceptual relocation strategy.

*Deliverables: Utility base plan, database and letters*

### TASK 5.2 UTILITY VERIFICATION/POTHOLING

CONSULTANT will review the utility base map in light of the proposed improvements, field verify the information provided by the utility companies, and evaluate the extent of any potential utility conflicts. Improvements are not anticipated to affect underground utilities. As a result, additional potholing is not anticipated.

### TASK 5.3 CONFLICT IDENTIFICATION

Based on the information gathered, CONSULTANT will prepare conflict maps for each utility highlighting the location of identified conflicts. These maps will be sent to the utilities as part of the Utility 'B' packages, which will also include 60% design plans and a City-approved letter notifying the utility companies of conflicts between existing utility facilities and the proposed work. The letter will also ask the utility companies to verify the conflict, notify them of the need to relocate their facilities, and request verification of prior rights.

*Deliverables: Utility B Letter/Plans*

### TASK 5.4 CONFLICT RESOLUTION

Depending on the extent and significance of the relocations, CONSULTANT will schedule a meeting with the affected utility companies to develop a coordinated relocation plan. CONSULTANT will coordinate with the utilities to facilitate development of their relocations, discuss construction staging and work windows, and will review/verify submitted relocation plans to ensure that the conflicts are resolved. It is anticipated that all significant utilities, including the SCE power poles, can be avoided and any required relocations will be minor.

### TASK 5.5 LIABILITY DETERMINATION

CONSULTANT will work with the utility companies and the surveyor to determine existing easements or prior rights. Based on the conclusion of this investigation, CONSULTANT will assist with the final determination of liability related to the relocation costs. This liability will be documented by each utility in a claim letter. This scope assumes that the utilities will be liable for any relocation costs and that a utility agreement will not be needed.

*Deliverables: Claim letter*



## TASK 5.6 NOTICE TO OWNER

CONSULTANT will send a copy of the 'C' Final Plans and the Notice to Owner letter to the utility companies at the 100% milestone. The letter will be the final notification to the utility companies that the project is going to construction and will request final verification that there are no conflicts with the project or, in the event that relocations were necessary, will request the utility owner to relocate their facilities.

*Deliverables: Utility Letters and Plans ('C'), Notice to Owner*

## TASK 6.0 FINAL DESIGN

The addition of the improvements along Murrieta Blvd will be in accordance with the criteria and specifications from the latest edition of the City Standards, AASHTO's "A Policy on Geometric Design of Highways and Streets", Caltrans "Project Development Procedures Manual", and/or the Caltrans "Highway Design Manual", as appropriate. The design will be prepared using English units and drafted in accordance with City standards.

### TASK 6.1 60% PLANS, SPECIFICATIONS, AND ESTIMATES

Based on the Concept Drawings provided by the City, CONSULTANT add the improvements along Murrieta Road to the overall 60% plans.

The list of sheets to be updated or created include:

- Title Sheet (update): includes an index of sheets, approval signatures, the project description, location map, begin/end work, begin/end construction, and limits of work
- Typical Sections (update): includes original ground, traveled way, shoulders, cut/fill slopes, drainage, right of way, and existing/recommended structural sections.
- Demolition Plans (new): includes areas where existing improvements will be removed.
- Layouts (new): includes a centerline station line, bearings/distances of tangents, horizontal curve data, conform stations, angle points, roadway dimensions and the identification of any physical features such as edge of pavement, curb, sidewalk, etc. The plan view will include all right of way and easements, both permanent and temporary. A profile sheet is not anticipated to be needed for the widening work.
- Construction Details (new): includes detailed conform tie-ins, grades of curb and gutters, and other details not included in the Standard Plans.
- Utility Plans (new): includes location of existing utilities and utility relocations.
- Erosion Control/ Temporary Water Pollution Control Plans (new): shows work area to stabilize and restore disturbed areas. Design of these facilities shall include current Best Management Practices and will conform to the City, Caltrans and Regional Water Quality Control Board.
- Stage Construction/Traffic Handling Plans (new): includes location of construction staging by each stage and temporary traffic handling devices used for traffic control. Traffic handling plans will conform to the provisions in the latest edition of the California Manual of Uniform Traffic Control Devices (MUTCD).
- Pavement Delineation/Sign Plans (new): identifies striping configuration and overall signage location. Pavement delineation and signage will conform to the latest edition of the California MUTCD.
- Electrical Plans (new): reflects location of new street lights along Murrieta Road.

Drainage, detours, and planting/irrigation are not anticipated to be needed for the work along Murrieta Road.



CONSULTANT will update the engineer's estimate of construction costs, quantity takeoffs, and draft special provisions to reflect the additional improvements along Murrieta Road. The specifications will be based on the current Standard Specification version.

*Deliverables: 60% Plans, Estimate, and Special Provisions*

#### **TASK 6.2 90% PLANS, SPECIFICATIONS, AND ESTIMATES**

CONSULTANT will prepare 90% plans and estimates based on the 60% plans and review comments. CONSULTANT will prepare a response to comments matrix with each comment received and response regarding how the comment was addressed/incorporated.

CONSULTANT will prepare an engineer's estimate of construction costs, based on detailed quantity takeoffs and current unit prices. A reasonable upward adjustment shall be applied to all bid quantities that may vary during construction to allow for any necessary design adjustments. Quantities for all contract items, including cost of lump sum items, shall be substantiated by calculations. Quantity calculations shall be neat and orderly and shall show all sketches, diagrams and dimensions necessary to allow them to be independently used by field engineers. All quantity calculations shall be independently checked and substantiated with independent calculations.

CONSULTANT will update the draft special provisions based on comments received. The special provisions will include all environmental mitigation and permitting measures required for the project.

*Deliverable: 90% Plans, Estimate, Special Provisions, Response to Comment Matrix*

#### **TASK 6.3 100% PLANS, SPECIFICATIONS, AND ESTIMATES**

CONSULTANT will prepare 100% plans, specifications and estimate based on the 90% submittal and review comments. CONSULTANT will prepare a response to comments matrix with each comment received and response regarding how the comment was addressed/incorporated.

CONSULTANT will prepare cross sections for the project at 50-foot intervals. Additional cross sections will be prepared at specific unique locations along the project, as needed. The cross sections will show existing and proposed grades, structural section, roadway improvements, cut/fill limits, and conform limits.

*Deliverable: 100% Plans, Estimate, Special Provisions, Response to Comments Matrix, Cross Sections*

#### **TASK 6.4 FINAL PS&E**

CONSULTANT will prepare Final Contract Documents ready for advertisement. The Final Contract Documents will incorporate comments received on the 100% PS&E.

*Deliverable: Final Plans and Specifications*



Amendment 1-Cost Proposal  
CIP 22-02  
Valley Blvd Widening Project

Firm Name: DOKKEN ENGINEERING

Task	Rates and Hours																	Subconsultant Cost				
	Principal in Charge & QA/QC Manager	Pamela Dolein-Walling Project Manager	Juann Ramos Project Engineer	Joe Ostdiek Signal/Lighting Design	Senior Engineer 2	Senior Engineer 1	Associate Engineer 2	Associate Engineer 1	Assistant Engineer 2	Assistant Engineer 1	Senior CAD	Engineering Technician	Jamie Formico Right of Way Manager	Senior Right of Way Agent	Right of Way Agent	Right of Way Appraiser	Total Cost With Optional Tasks	Total Cost Without Optional Tasks	Sub Consultant Cost	Sub Consultant	Total Cost With Optional Tasks	Total Cost Without Optional Tasks
Description	\$ 350.00	\$ 240.00	\$ 260.00	\$ 190.00	\$ 240.00	\$ 215.00	\$ 188.00	\$ 150.00	\$ 130.00	\$ 110.00	\$ 190.00	\$ 130.00	\$ 185.00	\$ 150.00	\$ 105.00	\$ 105.00						
MILESTONE 3: FINAL PS&E		44	48		62				430	76			12	64	62	220	\$140,160.00	\$140,160.00	\$15,000.00		\$155,160.00	\$155,160.00
TASK 2.0 – ENGINEERING STUDIES		4															\$960.00	\$960.00	\$15,000.00		\$15,960.00	\$15,960.00
2.1 Field Exploration																						
2.2 Geotechnical Explorations																						
2.2.1 Field Investigation																						
2.2.2 Lab Testing																						
2.2.3 Geotechnical Design/Materials Report																						
2.3 Drainage Report																						
2.4 Water Quality Management Plan																						
2.5 Traffic Signal Warrant Analysis		4															\$960.00	\$960.00	\$15,000.00	Fehr&Peers	\$15,960.00	\$15,960.00
TASK 4.0 – RIGHT OF WAY		16	8		16				32				12	64	62	220	\$64,300.00	\$64,300.00			\$64,300.00	\$64,300.00
4.1 Title Reports		2															\$480.00	\$480.00			\$480.00	\$480.00
4.2 Right of Way Requirement Maps		2	2		6				16					2	2		\$5,030.00	\$5,030.00			\$5,030.00	\$5,030.00
4.5 Property Owner Exhibits		2	2		6				16								\$4,520.00	\$4,520.00			\$4,520.00	\$4,520.00
4.6 Right of Way Negotiations		4	4		4								8	10	12		\$11,700.00	\$11,700.00			\$11,700.00	\$11,700.00
4.7 Easement Coordination		2												4	4		\$1,500.00	\$1,500.00			\$1,500.00	\$1,500.00
4.8 Right of Way Certification/Project Close-Out		2												2	2		\$990.00	\$990.00			\$990.00	\$990.00
4.9 Show Me Stakes																						
4.10 Appraisals		2											4	16	32	220	\$30,080.00	\$30,080.00			\$30,080.00	\$30,080.00
TASK 5.0 – UTILITY COORDINATION		4	6		12				62								\$12,160.00	\$12,160.00			\$12,160.00	\$12,160.00
5.1 Utility Identification					2				8								\$1,520.00	\$1,520.00			\$1,520.00	\$1,520.00
5.2 Utility Verification/Spotting					2				8								\$1,520.00	\$1,520.00			\$1,520.00	\$1,520.00
5.3 Conflict Identification			2		2				8								\$2,040.00	\$2,040.00			\$2,040.00	\$2,040.00
5.4 Conflict Resolution		2	2		2				16								\$3,560.00	\$3,560.00			\$3,560.00	\$3,560.00
5.5 Liability Determination		2	2		2				8								\$2,520.00	\$2,520.00			\$2,520.00	\$2,520.00
5.6 Notice to Owner					2				4								\$1,000.00	\$1,000.00			\$1,000.00	\$1,000.00
TASK 6.0 – FINAL DESIGN		20	34		24				346	76							\$72,740.00	\$72,740.00			\$72,740.00	\$72,740.00
6.1 60% PS&E		8	12		12				195	40							\$37,670.00	\$37,670.00			\$37,670.00	\$37,670.00
6.2 90% PS&E		6	10		6				95	16							\$19,590.00	\$19,590.00			\$19,590.00	\$19,590.00
6.3 100% PS&E		4	8		4				40	12							\$10,520.00	\$10,520.00			\$10,520.00	\$10,520.00
6.4 Final PS&E		2	4		2				16	8							\$4,960.00	\$4,960.00			\$4,960.00	\$4,960.00
GRAND TOTAL COSTS		\$10,560.00	\$12,480.00		\$12,480.00				\$55,900.00	\$8,360.00			\$2,220.00	\$9,620.00	\$5,460.00	\$23,100.00	\$140,160.00	\$140,160.00	\$15,000.00		\$155,160.00	\$155,160.00