

**SUBMITTAL TO THE BOARD OF SUPERVISORS
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**

518A



FROM: TLMA - Transportation Department

SUBMITTAL DATE:
June 14, 2012

SUBJECT: Amendment No. 2 to the Engineering and Environmental Service Agreement between the County of Riverside and Dokken Engineering for improvements to the existing interchange at Scott Road and Interstate 215 in the City of Menifee

RECOMMENDED MOTION: That the Board of Supervisors:

1. Approve Amendment Number 2 to the Engineering and Environmental Service Agreement between the County of Riverside and Dokken Engineering (Contract No. 05-04-011), and;
2. Authorize the Chairman of the Board to execute the same.

Juan C. Perez
Director of Transportation and Land Management

Departmental Concurrence

(Continued On Attached Page)

FINANCIAL DATA	Current F.Y. Total Cost:	\$ 314,580	In Current Year Budget:	Yes
	Current F.Y. Net County Cost:	\$ 0	Budget Adjustment:	No
	Annual Net County Cost:	\$ 0	For Fiscal Year:	2011/2012
SOURCE OF FUNDS: Scott Rd - RBBD (100%)				Positions To Be Deleted Per A-30 <input type="checkbox"/>
There are no General Funds used on this project				Requires 4/5 Vote <input type="checkbox"/>

C.E.O. RECOMMENDATION:

APPROVE

BY:

Tina Grady

County Executive Office Signature

FORM APPROVED COUNTY COUNSEL

BY: MARSHAL VICTOR DATE: 6/22/12

☒ Policy
☐ Consent
☒ Policy
☐ Consent

Dep't Recomm.:
 Per Exec. Ofc.:

Prev. Agn. Ref. 06/14/05 (3.23)
04/17/07 (3.34)

District: 3/3

Agenda Number:

3.48

ATTACHMENTS FILED
WITH THE CLERK OF THE BOARD

The Honorable Board of Supervisors

RE: Amendment No. 2 to the Engineering and Environmental Service Agreement between the County of Riverside and Dokken Engineering for improvements to the existing interchange at Scott Road and Interstate 215 in the City of Menifee

June 14, 2012

Page 2 of 2

BACKGROUND: On June 14, 2005, the Board of Supervisors executed an engineering services agreement between Riverside County Transportation Department and Dokken Engineering for the Scott Road/I-215 interchange project. The scope of services provided by Dokken Engineering includes preparation of the project report, preliminary engineering, environmental studies, preparation of the environmental document, and final design. The proposed improvements will widen the Scott Road overcrossing from 2 lanes to 6 through lanes plus add 5 turning lanes, realign all the ramps and add 2 new loop ramps north of Scott Road, and improve the intersections at Haun Road and Antelope Road.

The engineering services agreement was amended on April 17, 2007 due to scope changes to address the increase in traffic volume and the need to add additional lanes to Scott Road and auxiliary lanes to Interstate 215 to the project scope. This Engineering Services Agreement Amendment 2 is necessary due to:

- Modifications to the environmental studies and environmental document, project report, and design plans, that were necessary as a result of including improvements to the intersection of Haun Road and Scott Road. When the original agreement was prepared it was assumed that the intersection improvements would be completed by development prior to construction of the interchange. The City of Menifee has confirmed that the improvements will not be completed by development prior to the anticipated construction of the interchange, and since the improvements are a necessary component to the successful operation, and approval by Caltrans and FHWA of the interchange, the improvements must be added to the scope of the Scott Road interchange project.
- Additional studies required by Caltrans including; the pavement life cycle cost analysis; wetlands delineation; and additional tasks necessary to complete the environmental permitting and project design including aerial photography, geotechnical studies, and biological studies.

Amendment 2, as negotiated by the Transportation Department, increases the budget for the described services and also includes a \$14,980 contingency amount to be used only with prior written approval from the Director of Transportation. The project budget is summarized below:

Budget Summary:

Original Contract:	\$1,681,739
Amendment 1:	\$ 177,210
<u>Amendment 2:</u>	<u>\$ 314,580</u>

Total Contract	\$2,173,529
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A more detailed scope of services and fee proposal is provided in Attachment A.

Project No. B30689

AMENDMENT 2

Contract No. 05-04-011-AZ
Riverside Co. Transportation

AMENDMENT TO AGREEMENT BETWEEN

THE COUNTY OF RIVERSIDE AND DOKKEN ENGINEERING

FOR ENGINEERING SERVICES ON THE SCOTT ROAD/INTERCHANGE IMPROVEMENT PROJECT

THIS AMENDMENT 2 (hereinafter the "Amendment") to an agreement is made and entered into as of this _____ day of _____, 2012, by and between the County of Riverside, a political subdivision of the State of California (hereinafter the "COUNTY"), and Dokken Engineering (hereinafter "ENGINEER").

RECITALS

- A. COUNTY and ENGINEER have entered in an agreement entitled " Engineering Services Agreement for the Scott Road/Interstate 215 Interchange improvement project between the County of Riverside • Transportation Department and Dokken Engineering," that is dated June 14, 2005, and was first amended on April 17, 2007 (hereinafter the "Agreement"). The Agreement provides the terms and conditions, scope of work, schedule and budget for the performance of professional and technical services necessary to prepare an environmental document, project report, plans, specifications & estimates, bid and construction support.
- B. The parties desire to supplement the current Agreement to extend the expiration date, modify the scope of services to be provided by the ENGINEER, and increase the contract budget.

AGREEMENT

NOW, THEREFORE, in consideration of the mutual covenants hereinafter contained, the parties agree and ratify the terms and conditions as follows, effective February 1, 2009:

1. Article VI. COMPENSATION subparagraph B. of the Agreement is modified to reflect that the not to exceed amount of the contract of \$1,858,949.00 shall be increased by \$314,580.00 including contingencies to \$2,173,529.00 as provided below:

Increase the Phase I budget by the amount of \$139,480.00 and increase the Phase II budget by the amount of \$175,100.00, for engineering services necessary to incorporate additional environmental tasks, design work and to provide additional out of scope tasks. Detailed descriptions of the extra work are provided in Attachment "A2" of this Amendment, consisting of eight (8) pages, attached hereto and incorporated by this reference.
2. Article VI, COMPENSATION subparagraph B of the Agreement is further modified to reflect the following amounts of compensation for ENGINEER and the Contingency budget:

- Dokken Engineering \$ 299,600.00
- Contingency \$ 14,980.00

3. Appendix A is modified to include the additional scope of work as reflected in Attachment A2 to this Amendment.

4. Appendix B introductory paragraph is modified to reflect that time for completion for the Engineering Services Agreement shall be extended to December 31, 2017 for Phases 1, 2, 3 and 4. All covenants set forth in the amended Agreement shall be completed by the said date unless extended by another supplemental agreement.

5. Appendix C is modified as set forth in the summaries of the requested and recommended budget adjustments as provided in Attachment "C2" of this Amendment, consisting of thirty-two (32) pages, attached hereto and incorporated by this reference.

6. Except to the extent specifically modified or amended hereunder, all of the terms, covenants and conditions of the Agreement as approved on June 14, 2005 and previously amended shall remain in full force and effect between the parties hereto.

IN WITNESS HEREOF, the parties hereto have caused this Amendment to the Agreement to be duly executed this day and year first written above.

ARTICLE VII • APPROVALS

COUNTY Approvals

RECOMMENDED FOR APPROVAL:

 Dated: 6/20/12

JUAN C. PEREZ

Director of Transportation and Land Management

APPROVED AS TO FORM:

PAMELA J. WALLS, COUNTY COUNSEL

 Dated: 6/22/12

By Deputy

APPROVAL BY THE BOARD OF SUPERVISORS

_____ Dated: _____

PRINTED NAME

Chairman, Riverside County Board of Supervisors

ATTEST:

_____ Dated: _____

KECIA HARPER-IHEM

Clerk of the Board

ENGINEER Approvals

ENGINEER:

 Dated: 5/21/12

RICHARD T. LIPTAK

PRINTED NAME

President

TITLE

ENGINEER:

_____ Dated: _____

PRINTED NAME

TITLE

ENVIRONMENTAL REVALIDATION TASKS**Phase I: Project Approval/Environmental Document (PA/ED)****Task 1.0 Project Management (WBS 100.10)****Task 1.1 Project Management (WBS 100.10)**

Add the following:

Project Management services, as described in the executed contract, shall be extended to support the various additional tasks described herein.

Augmentation for Task 1.0: \$12,300

Task 2.0 Preliminary Engineering Studies (WBS 160)

Add the following section:

Task 2.5 Hazardous Waste Initial Site Assessment: Enlargement of the project area requires that a new hazardous waste records search be performed to identify any potential for hazardous waste or hazardous materials in the new project area. A new records search is necessary to ensure that any new hazardous sites since 2009 in the project area are identified and planned for prior to construction. This records search will be submitted to Caltrans with a revalidation memo for the 2009 Hazardous Waste Initial Site Assessment. The new design is not expected to substantially change the findings and conclusions made in the currently approved study.

Augmentation for Task 2.0: \$4,400

Task 3.0 Geotechnical Studies (WBS 160.10)**Task 3.4 Geotechnical Information (WBS 160.10.80)**

Add the following:

Enlargement of the project area requires that a supplemental Geotechnical Design Report and Materials Report be prepared to support the design and construction of the intersection improvements at Haun Road and Scott Road.

Augmentation for Task 3.0: \$7,500

Task 7.0 Cultural Technical Studies (WBS 165.20)***Task 7.3 Historic Resources Evaluation Report:***

Add the following:

Enlargement of the project area requires that a new Caltrans format Historic Resources Evaluation Report

(HRER) be prepared. Preparation of the HRER will include a site visit, recordation of the results on a DPR 523A (primary) Form for each building or structure as applicable, and a determination as to whether any of the resources within the APE are exempt from review.

Task 7.4 Historic Property Survey Report:

Add the following:

Enlargement of the project area requires that a new APE map, revalidation memorandum, and Supplemental Historic Property Survey Report (HPSR) be prepared. The Supplemental HPSR will document the findings of cultural surveys conducted at the APE and the Historic Resources Evaluation Report (HRER) prepared by Galvin Preservation & Associates. The Supplemental HPSR will be attached to the 2010 Historic Property Survey Report and Archaeological Survey Report. It is anticipated that the project will have no adverse effect on historic properties and this will be documented in the revalidation memorandum and Supplemental HPSR.

Section 4(f): A Section 4(f) De Minimis report shall be prepared if the properties within the new APE are determined eligible for the National Register of Historic Places (NRHP) and are therefore Section 4(f) resources. The report will document a determination of "no adverse effect" or "no historic properties impacted" and will include a discussion of the project footprint in relation to the resource.

Augmentation for Task 7.0: \$24,400

Task 8.0 Environmental Technical Studies (WBS 165.10)

Task 8.1 Community Impact Assessment:

Add the following:

Enlargement of the project area requires that a revalidation memorandum for the Community Impact Assessment approved in 2008 be prepared. This memo will outline any changes that would result from the project additions including changes to right-of-way acquisition, and, if applicable, changes to business or residential access. The new design is not expected to substantially change the findings and conclusions made in the currently approved study.

Task 8.2 Air Quality Study:

Add the following:

Enlargement of the project area requires that a revalidation memorandum for the Air Quality Study approved in 2009 and an updated Air Quality Conformity Analysis shall be prepared. The work will include a new Particulate Matter (PM) Hotspot Form for Project of Air Quality Concern (POAQC) review by the Southern California

Association of Governments (SCAG) Transportation Conformity Working Group (TCWG). Upon review by the TCWG, an updated Air Quality Conformity Analysis will be prepared for review by Caltrans and concurrence by the Federal Highway Administration (FHWA).

Task 8.3 Noise Study Report:

Add the following:

Enlargement of the project area requires that a revalidation memorandum for the Noise Study Report approved in August 2009 shall be prepared. The memorandum will assess the project's potential effects on existing and future noise conditions, including construction impacts. Applicable Federal (Caltrans) and local noise and land use compatibility criteria for the project area will be reviewed. Noise standards regulating noise impacts including FHWA Noise Abatement Criteria (NAC) and standards included in the City of Menifee's Noise Ordinance will be discussed for land uses adjacent to the project.

A survey of existing conditions will be conducted to establish the character of the noise environment at any sensitive receptor locations in the project area. Analysis requirements will be based on the sensitivity of the area and the Noise Ordinance specifications of the City of Menifee. The existing and future noise levels will be assessed using the traffic noise impact screening procedure outlined in section N-4000 of the Caltrans Technical Noise Supplement (TeNS). As the project will taper to the existing number of lanes prior to reaching residences, the memo will document that there would be no new potentially impacted receivers. The memo will explain that the intersection improvements are consistent with the findings and conclusions made in the Noise Study Report.

Task 8.5 Visual Impact Assessment:

Add the following

Enlargement of the project area requires that a revalidation memorandum for the Visual Impact Assessment approved in 2009 shall be prepared. The memorandum will include representative photographs of the Scott Road/Haun Road intersection and a discussion of the visual setting and project elements. The analysis is not expected to substantially change the findings and conclusions made in the original Visual Impact Assessment.

Add the following section:

Task 8.6 Update Traffic Operational Analysis Report

Enlargement of the project area requires that a traffic memorandum shall be prepared. The memorandum will summarize existing traffic data as it relates to the approved project traffic report and will be utilized in the revision of the environmental technical studies associated with air quality and noise. This scope assumes that existing

traffic data at the Bundy Canyon Road / Scott Road intersection will be acceptable to Caltrans reviewers. As an optional task, a formal update with all appropriate traffic modeling can be made to the approved traffic report.

Augmentation for Task 8.0: \$18,900

Task 9.0 Biological Studies (WBS 165.15)

Task 9.3 Natural Environment Study:

Add the following:

Enlargement of the project area requires that permanent and temporary impacts on habitat shall be determined. Biological pedestrian surveys will be conducted to verify the conditions at the intersection and to refine acreage calculations. The drainage located west of Scott Road/Haun Road will be evaluated for preliminary jurisdictional delineation. After the surveys are completed, a revalidation memo will be prepared for the 2009 Natural Environment Study. This memo will document the surveys, include updated special status species lists, and discussion of potential impacts on biological resources not addressed in the approved study. If no new biological resources are affected, the memo will explain that the intersection improvements are consistent with the findings and conclusions made in the document.

Augmentation for Task 9.0: \$5,900

Task 10.0 Geometric Approval (WBS 160.10.15)

Task 10.2 Geometric Approval Drawing (GAD) Package:

Add the following:

The approved Geometric Approval Drawing (GAD) shall be updated to include the expanded project footprint.

Augmentation for Task 10.0: \$3,800

Task 11.0 Environmental Documents (WBS 165.25)

Add the following section:

Task 11.5 Environmental Revalidation: Enlargement of the project area requires that a Caltrans standard NEPA/CEQA Revalidation Form be prepared for the Categorical Exclusion/Mitigated Negative Declaration environmental document that was approved by Caltrans on December 2, 2010. The Revalidation Form will document updates to the project description including the Scott Road/Haun Road intersection, project area including an updated map, and any other environmental sections that would warrant update due to changes in the project design or changes in local, state, or federal regulations. The revalidation form will be reviewed and approved by Caltrans for both the NEPA and CEQA determinations. This scope of work includes the preparation

and processing of the CEQA addendum.

Update Environmental Commitment Record: An Environmental Commitment Record shall be prepared to attach with the Environmental Revalidation Form. This record will include all environmental commitments, including avoidance, minimization, and/or mitigation measures identified in each of the updated technical studies.

Augmentation for Task 11.0: \$9,600

Task 12.0 Project Report (WBS 180.05)

Task 12.1 Project Report (WBS 180.05.10)

Add the following:

Enlargement of the project area requires that a Supplemental Project Report be prepared to Caltrans standards to describe the expanded footprint.

Augmentation for Task 12.0: \$16,300

Phase II: Plans, Specifications, and Estimate**Task 1.0 Project Management (WBS 100.10)****Task 1.1 Project Management (WBS 100.10)**

Add the following:

Project Management services, as described in the executed contract, shall be extended to support the various additional tasks described herein.

Augmentation for Task 1.0: \$7,300

Task 13.0 Roadway PS&E (WBS 230.05)

Add the following section:

Task 13.4 PS&E Revisions

Enlargement of the project area requires that the approximately 35 completed plan sheets be modified and approximately 20 new plan sheets be created.

Augmentation for Task 13.0: \$143,800

Task 16.0 Coordinate Utilities (WBS 200)**Task 16.1 Utility Conflict Identification**

Add the following:

Enlargement of the project area requires that additional utility identification and potholing be performed.

Task 16.2 Utility Coordination

Add the following:

Utility coordination shall be performed for all utilities which are impacted by the expanded project footprint.

Augmentation for Task 16.0: \$7,800

ADDITIONAL OUT OF SCOPE TASKS**Phase I: Project Approval/Environmental Document (PA/ED)****Task 2.0 Preliminary Engineering Studies (WBS 160)**

Add the following section:

Task 2.6 Aerial Photography: Consultant shall provide support to County personnel for aerial photography as needed and requested by the County.

Augmentation for Task 2.0: \$2,800

Task 3.0 Geotechnical Studies (WBS 160.10)**Task 3.2 Field Exploration (WBS 160.10.80)**

Add the following:

Additional geotechnical investigations shall be undertaken in order to support the design and construction of various retaining walls constructed to minimize critical right of way impacts. These investigations shall include the addition of approximately 20 geotechnical borings. The geotechnical and structural design of the extensive system of retaining walls was not considered in the original contract. Budget augmentation is only requested for expenses associated with geotechnical investigations of these walls.

Task 3.3 Laboratory Testing (WBS 160.10.80)

Add the following:

Additional laboratory testing shall be performed on the borings associated with the retaining wall design described above.

Augmentation for Task 3.0: \$14,000

Task 9.0 Biological Studies (WBS 165.15)**Task 9.2 Wetlands Delineation:**

Add the following:

An updated delineation to revise the August 2006 delineation shall be prepared. This wetlands delineation is necessary in order to follow the most current method outlined in the 2006 Interim Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Arid West, in addition to the 1987 Corps of Engineers Wetlands Delineation Manual (Environmental Laboratory 1987). The Regional Supplement provides guidance specific to the Arid West Region. The previous wetlands delineation in 2006 only followed the 1987 Corps of Engineers

Wetlands Delineation Manual. The new delineation shall capture changes in site conditions after 2006, consisting of development at the southeast quadrant and the realignment of Paloma Wash along Antelope Road. The revised delineation shall include additional data points and the reassessment of potential vernal pools at the project site.

Augmentation for Task 9.0: \$13,000**Phase II: Plans, Specifications, and Estimate****Task 13.0 Roadway PS&E (WBS 230.05)**

Add the following section:

Task 13.3 Life Cycle Cost Analysis:

Per Caltrans requirements, a Pavement Life Cycle Cost Analysis Report shall be prepared for inclusion with the Plans, Specifications, & Estimate package. This type of analysis was not a Caltrans requirement at the start of the contract.

Augmentation for Task 13.0: \$7,900

FEE PROPOSAL WORKSHEET					
COMPANY: Dokken Engineering		SCOPE OF WORK Project Summary		DATE: 5/22/2012	REV: 1
PROJECT: Scott Road / I-215 - Amendment 2				MILESTONE/PHASE/PROJECT SUMMARY: All Phases	
DIRECT LABOR					
	FUNCTION	HOURS		RATE	AMOUNT
Matt Salvesson, P.E.	Project Manager	80	@	\$53.50	\$4,280.00
Mike Roberts, P.E.	Project Engineer	282	@	\$41.00	\$11,562.00
	Senior Engineer	50	@	\$46.00	\$2,300.00
	Assoc Engineer	578	@	\$37.50	\$21,675.00
	Assist Engineer	743	@	\$32.50	\$24,147.50
	Senior Env Planner	88	@	\$59.00	\$5,192.00
	Env Planner	394	@	\$30.00	\$11,820.00
TOTAL HOURS		2215	TOTAL DIRECT LABOR		\$80,976.50
MULTIPLIERS					
ESCALATION @		(Rate)			
OVERHEAD @		133.80% (of Total Direct Labor + Escalation)		\$108,346.56	
PAYROLL ADDITIVES @		48.30% (of Total Direct Labor + Escalation)		\$39,111.65	
TOTAL MULTIPLIERS				\$147,458.21	
OTHER DIRECT EXPENSES *** Billed at Actual Cost ***					
ITEM	QUANTITY	UNIT		UNIT COST	AMOUNT
Historic Resources Evaluation Report	1	Each	@	\$14,000.00	\$14,000.00
Haz Waste ISA Records Search	1	Each	@	\$1,000.00	\$1,000.00
Aerial Photography	1	Each	@	\$2,840.00	\$2,840.00
Permitting Fees		Each		\$9,600.00	
Geotechnical Investigations (Retaining Walls)	1	Each	@	\$14,000.00	\$14,000.00
Geotechnical Investigations (Haun Road Intersection)	1	Each	@	\$7,500.00	\$7,500.00
Update Traffic Analyses (Optional Task)	1	Each	@	\$5,000.00	\$5,000.00
Potholing & Traffic Control	1	Each	@	\$4,000.00	\$4,000.00
TOTAL OTHER DIRECT EXPENSES				\$48,340.00	
OUTSIDE SERVICES (w/o fee)					
COMPANY	LABOR	MULTIPLIER	EXPENSES	TOTAL	
TOTAL OUTSIDE SERVICES					
FEES					
OUTSIDE SERVICES ADMIN FEE @		(of Total Outside Services & Outside Services Fees)			
DOKKEN ENGINEERING @		010.00% (of Total Direct Labor + Total Multipliers)		\$22,843.47	
OUTSIDE SERVICES @		010.00% (of Total Labor + Total Multiplier for Outside Service)			
TOTAL FEES				\$22,843.47	
TOTAL COST				\$299,618.18	

FEE PROPOSAL WORKSHEET						
COMPANY:		SCOPE OF WORK		DATE:		REV:
Dokken Engineering		Phase 1 Project Management		5/22/2012		1
PROJECT:		MILESTONE/PHASE/PROJECT SUMMARY:				
Scott Road / I-215 - Amendment 2		PHASE 1 (Reval) Task 1.0				
DIRECT LABOR						
PERSONNEL	FUNCTION	HOURS		RATE	AMOUNT	
Matt Salvesson, P.E.	Project Manager	55	@	\$53.50	\$2,942.50	
Mike Roberts, P.E.	Project Engineer	25	@	\$41.00	\$1,025.00	
	Senior Engineer			\$46.00		
	Assoc Engineer			\$37.50		
	Assist Engineer			\$32.50		
	Senior Env Planner			\$59.00		
	Env Planner			\$30.00		
		TOTAL HOURS		80	TOTAL DIRECT LABOR	
					\$3,967.50	
MULTIPLIERS						
ESCALATION @		(Rate)				
OVERHEAD @		133.80% (of Total Direct Labor + Escalation)				\$5,308.52
PAYROLL ADDITIVES @		48.30% (of Total Direct Labor + Escalation)				\$1,916.30
					TOTAL MULTIPLIERS	\$7,224.82
OTHER DIRECT EXPENSES *** Billed at Actual Cost ***						
ITEM	QUANTITY	UNIT	UNIT COST	AMOUNT		
Historic Resources Evaluation Report		Each	\$14,000.00			
Haz Waste ISA Records Search		Each	\$1,000.00			
Aerial Photography		Each	\$2,840.00			
Permitting Fees		Each	\$9,600.00			
Geotechnical Investigations (Retaining Walls)		Each	\$14,000.00			
Geotechnical Investigations (Haun Road Intersection)		Each	\$7,500.00			
Update Traffic Analyses (Optional Task)		Each	\$5,000.00			
Potholing & Traffic Control		Each	\$4,000.00			
					TOTAL OTHER DIRECT EXPENSES	
OUTSIDE SERVICES (w/o fee)						
COMPANY	LABOR	MULTIPLIER	EXPENSES	TOTAL		
					TOTAL OUTSIDE SERVICES	
FEES						
OUTSIDE SERVICES ADMIN F		(of Total Outside Services & Outside Services Fees)				
DOKKEN ENGINEERING @	10.00% (of Total Direct Labor + Total Multipliers)				\$1,119.23	
OUTSIDE SERVICES @	10.00% (of Total Labor + Total Multiplier for Outside Service)					
					TOTAL FEES	\$1,119.23
					TOTAL COST	\$12,311.55

FEE PROPOSAL WORKSHEET					
COMPANY: Dokken Engineering		SCOPE OF WORK Preliminary Engineering Studies		DATE: 5/22/2012	REV: 1
PROJECT: Scott Road / I-215 - Amendment 2				MILESTONE/PHASE/PROJECT SUMMARY: PHASE 1 (Reval) Task 2.0	
DIRECT LABOR					
PERSONNEL	FUNCTION	HOURS		RATE	AMOUNT
Matt Salvesson, P.E.	Project Manager			\$53.50	
Mike Roberts, P.E.	Project Engineer			\$41.00	
	Senior Engineer			\$46.00	
	Assoc Engineer	29	@	\$37.50	\$1,087.50
	Assist Engineer			\$32.50	
	Senior Env Planner			\$59.00	
	Env Planner			\$30.00	
		TOTAL HOURS	29	TOTAL DIRECT LABOR	\$1,087.50
MULTIPLIERS					
ESCALATION @		(Rate)			
OVERHEAD @		133.80% (of Total Direct Labor + Escalation)		\$1,455.08	
PAYROLL ADDITIVES @		48.30% (of Total Direct Labor + Escalation)		\$525.26	
				TOTAL MULTIPLIERS	\$1,980.34
OTHER DIRECT EXPENSES *** Billed at Actual Cost ***					
ITEM	QUANTITY	UNIT		UNIT COST	AMOUNT
Historic Resources Evaluation Report		Each		\$14,000.00	
Haz Waste ISA Records Search	1	Each	@	\$1,000.00	\$1,000.00
Aerial Photography		Each		\$2,840.00	
Permitting Fees		Each		\$9,600.00	
Geotechnical Investigations (Retaining Walls)		Each		\$14,000.00	
Geotechnical Investigations (Haun Road Intersection)		Each		\$7,500.00	
Update Traffic Analyses (Optional Task)		Each		\$5,000.00	
Potholing & Traffic Control		Each		\$4,000.00	
				TOTAL OTHER DIRECT EXPENSES	\$1,000.00
OUTSIDE SERVICES (w/o fee)					
COMPANY	LABOR	MULTIPLIER	EXPENSES	TOTAL	
				TOTAL OUTSIDE SERVICES	
FEES					
OUTSIDE SERVICES ADMIN F		(of Total Outside Services & Outside Services Fees)			
DOKKEN ENGINEERING @		10.00% (of Total Direct Labor + Total Multipliers)		\$306.78	
OUTSIDE SERVICES @		10.00% (of Total Labor + Total Multiplier for Outside Service)			
				TOTAL FEES	\$306.78
				TOTAL COST	\$4,374.62

FEE PROPOSAL WORKSHEET					
COMPANY: Dokken Engineering		SCOPE OF WORK Cultural Technical Studies		DATE: 5/22/2012	REV: 1
PROJECT: Scott Road / I-215 - Amendment 2				MILESTONE/PHASE/PROJECT SUMMARY: PHASE 1 (Reval) Task 7.0	
DIRECT LABOR					
PERSONNEL	FUNCTION	HOURS	RATE	AMOUNT	
Matt Salvesson, P.E.	Project Manager		\$53.50		
Mike Roberts, P.E.	Project Engineer		\$41.00		
	Senior Engineer		\$46.00		
	Assoc Engineer		\$37.50		
	Assist Engineer		\$32.50		
	Senior Env Planner	24	@ \$59.00	\$1,416.00	
	Env Planner	64	@ \$30.00	\$1,920.00	
		TOTAL HOURS	88	TOTAL DIRECT LABOR	\$3,336.00
MULTIPLIERS					
ESCALATION @		(Rate)			
OVERHEAD @		133.80% (of Total Direct Labor + Escalation)		\$4,463.57	
PAYROLL ADDITIVES @		48.30% (of Total Direct Labor + Escalation)		\$1,611.29	
				TOTAL MULTIPLIERS	\$6,074.86
OTHER DIRECT EXPENSES *** Billed at Actual Cost ***					
ITEM	QUANTITY	UNIT	UNIT COST	AMOUNT	
Historic Resources Evaluation Report	1	Each @	\$14,000.00	\$14,000.00	
Haz Waste ISA Records Search		Each	\$1,000.00		
Aerial Photography		Each	\$2,840.00		
Permitting Fees		Each	\$9,600.00		
Geotechnical Investigations (Retaining Walls)		Each	\$14,000.00		
Geotechnical Investigations (Haun Road Intersection)		Each	\$7,500.00		
Update Traffic Analyses (Optional Task)		Each	\$5,000.00		
Potholing & Traffic Control		Each	\$4,000.00		
				TOTAL OTHER DIRECT EXPENSES	\$14,000.00
OUTSIDE SERVICES (w/o fee)					
COMPANY	LABOR	MULTIPLIER	EXPENSES	TOTAL	
				TOTAL OUTSIDE SERVICES	
FEES					
OUTSIDE SERVICES ADMIN F		(of Total Outside Services & Outside Services Fees)			
DOKKEN ENGINEERING @	10.00% (of Total Direct Labor + Total Multipliers)				\$941.09
OUTSIDE SERVICES @	10.00% (of Total Labor + Total Multiplier for Outside Service)				
				TOTAL FEES	\$941.09
				TOTAL COST	\$24,351.94

FEE PROPOSAL WORKSHEET					
COMPANY: Dokken Engineering		SCOPE OF WORK Environmental Technical Studies		DATE: 5/22/2012	REV: 1
PROJECT: Scott Road / I-215 - Amendment 2				MILESTONE/PHASE/PROJECT SUMMARY: PHASE 1 (Reval) Task 8.0	
DIRECT LABOR					
PERSONNEL	FUNCTION	HOURS	RATE	AMOUNT	
Matt Salveson, P.E.	Project Manager		\$53.50		
Mike Roberts, P.E.	Project Engineer		\$41.00		
	Senior Engineer		\$46.00		
	Assoc Engineer		\$37.50		
	Assist Engineer		\$32.50		
	Senior Env Planner	20	@ \$59.00	\$1,180.00	
	Env Planner	110	@ \$30.00	\$3,300.00	
TOTAL HOURS		130	TOTAL DIRECT LABOR		\$4,480.00
MULTIPLIERS					
ESCALATION @		(Rate)			
OVERHEAD @		133.80% (of Total Direct Labor + Escalation)		\$5,994.24	
PAYROLL ADDITIVES @		48.30% (of Total Direct Labor + Escalation)		\$2,163.84	
TOTAL MULTIPLIERS				\$8,158.08	
OTHER DIRECT EXPENSES ... Billed at Actual Cost ...					
ITEM	QUANTITY	UNIT	UNIT COST	AMOUNT	
Historic Resources Evaluation Report		Each	\$14,000.00		
Haz Waste ISA Records Search		Each	\$1,000.00		
Aerial Photography		Each	\$2,840.00		
Permitting Fees		Each	\$9,600.00		
Geotechnical Investigations (Retaining Walls)		Each	\$14,000.00		
Geotechnical Investigations (Haun Road Intersection)		Each	\$7,500.00		
Update Traffic Analyses (Optional Task)	1	Each @	\$5,000.00	\$5,000.00	
Potholing & Traffic Control		Each	\$4,000.00		
TOTAL OTHER DIRECT EXPENSES				\$5,000.00	
OUTSIDE SERVICES (w/o fee)					
COMPANY	LABOR	MULTIPLIER	EXPENSES	TOTAL	
TOTAL OUTSIDE SERVICES					
FEES					
OUTSIDE SERVICES ADMIN F		(of Total Outside Services & Outside Services Fees)			
DOKKEN ENGINEERING @		10.00% (of Total Direct Labor + Total Multipliers)		\$1,263.81	
OUTSIDE SERVICES @		10.00% (of Total Labor + Total Multiplier for Outside Service)			
TOTAL FEES				\$1,263.81	
TOTAL COST				\$18,901.89	

FEE PROPOSAL WORKSHEET					
COMPANY:		SCOPE OF WORK		DATE:	REV:
Dokken Engineering		Biological Studies		5/22/2012	1
PROJECT:				MILESTONE/PHASE/PROJECT SUMMARY:	
Scott Road / I-215 - Amendment 2				PHASE 1 (Reval) Task 9.0	
DIRECT LABOR					
PERSONNEL	FUNCTION	HOURS	RATE	AMOUNT	
Matt Salveson, P E	Project Manager		\$53.50		
Mike Roberts, P E	Project Engineer		\$41.00		
	Senior Engineer		\$46.00		
	Assoc Engineer		\$37.50		
	Assist Engineer		\$32.50		
	Senior Env Planner	4	@ \$59.00	\$236.00	
	Env Planner	56	@ \$30.00	\$1,680.00	
TOTAL HOURS		60	TOTAL DIRECT LABOR		\$1,916.00
MULTIPLIERS					
ESCALATION @		(Rate)			
OVERHEAD @		133.80% (of Total Direct Labor + Escalation)		\$2,563.61	
PAYROLL ADDITIVES @		48.30% (of Total Direct Labor + Escalation)		\$925.43	
TOTAL MULTIPLIERS				\$3,489.04	
OTHER DIRECT EXPENSES *** Billed at Actual Cost ***					
ITEM	QUANTITY	UNIT	UNIT COST	AMOUNT	
Historic Resources Evaluation Report		Each	\$14,000.00		
Haz Waste ISA Records Search		Each	\$1,000.00		
Aerial Photography		Each	\$2,840.00		
Permitting Fees		Each	\$9,600.00		
Geotechnical Investigations (Retaining Walls)		Each	\$14,000.00		
Geotechnical Investigations (Haun Road Intersection)		Each	\$7,500.00		
Update Traffic Analyses (Optional Task)		Each	\$5,000.00		
Potholing & Traffic Control		Each	\$4,000.00		
TOTAL OTHER DIRECT EXPENSES					
OUTSIDE SERVICES (w/o fee)					
COMPANY	LABOR	MULTIPLIER	EXPENSES	TOTAL	
TOTAL OUTSIDE SERVICES					
FEES					
OUTSIDE SERVICES ADMIN F		(of Total Outside Services & Outside Services Fees)			
DOKKEN ENGINEERING @	10.00%	(of Total Direct Labor + Total Multipliers)		\$540.50	
OUTSIDE SERVICES @	10.00%	(of Total Labor + Total Multiplier for Outside Service)			
TOTAL FEES				\$540.50	
TOTAL COST				\$5,945.54	

FEE PROPOSAL WORKSHEET					
COMPANY: Dokken Engineering		SCOPE OF WORK Geometric Approval		DATE: 5/22/2012	REV: 1
PROJECT: Scott Road / I-215 - Amendment 2				MILESTONE/PHASE/PROJECT SUMMARY: PHASE 1 (Reval) Task 10.0	
DIRECT LABOR					
PERSONNEL	FUNCTION	HOURS	RATE	AMOUNT	
Matt Salvesson, P E	Project Manager		\$53 50		
Mike Roberts, P E	Project Engineer	14	@	\$41 00	\$574 00
	Senior Engineer			\$46 00	
	Assoc Engineer			\$37 50	
	Assist Engineer	20	@	\$32 50	\$650 00
	Senior Env Planner			\$59 00	
	Env Planner			\$30 00	
TOTAL HOURS		34	TOTAL DIRECT LABOR		\$1,224 00
MULTIPLIERS					
ESCALATION @		(Rate)			
OVERHEAD @		133.80% (of Total Direct Labor + Escalation)		\$1,637 71	
PAYROLL ADDITIVES @		48.30% (of Total Direct Labor + Escalation)		\$591 19	
TOTAL MULTIPLIERS				\$2,228 90	
OTHER DIRECT EXPENSES *** Billed at Actual Cost ***					
ITEM	QUANTITY	UNIT	UNIT COST	AMOUNT	
Historic Resources Evaluation Report		Each	\$14,000 00		
Haz Waste ISA Records Search		Each	\$1,000 00		
Aerial Photography		Each	\$2,840 00		
Permitting Fees		Each	\$9,600 00		
Geotechnical Investigations (Retaining Walls)		Each	\$14,000 00		
Geotechnical Investigations (Haun Road Intersection)		Each	\$7,500 00		
Update Traffic Analyses (Optional Task)		Each	\$5,000 00		
Potholing & Traffic Control		Each	\$4,000 00		
TOTAL OTHER DIRECT EXPENSES					
OUTSIDE SERVICES (w/o fee)					
COMPANY	LABOR	MULTIPLIER	EXPENSES	TOTAL	
TOTAL OUTSIDE SERVICES					
FEES					
OUTSIDE SERVICES ADMIN F		(of Total Outside Services & Outside Services Fees)			
DOKKEN ENGINEERING @	10.00% (of Total Direct Labor + Total Multipliers)		\$345 29		
OUTSIDE SERVICES @	10.00% (of Total Labor + Total Multiplier for Outside Service)				
TOTAL FEES				\$345 29	
TOTAL COST				\$3,798 19	

FEE PROPOSAL WORKSHEET					
COMPANY: Dokken Engineering		SCOPE OF WORK Environmental Documents		DATE: 5/22/2012	REV: 1
PROJECT: Scott Road / I-215 - Amendment 2				MILESTONE/PHASE/PROJECT SUMMARY: PHASE 1 (Reval) Task 11.0	
DIRECT LABOR					
PERSONNEL	FUNCTION	HOURS	RATE	AMOUNT	
Matt Salveson, P.E.	Project Manager		\$53.50		
Mike Roberts, P.E.	Project Engineer		\$41.00		
	Senior Engineer		\$46.00		
	Assoc Engineer		\$37.50		
	Assist Engineer		\$32.50		
	Senior Env Planner	20	@ \$59.00	\$1,180.00	
	Env Planner	64	@ \$30.00	\$1,920.00	
TOTAL HOURS		84	TOTAL DIRECT LABOR		\$3,100.00
MULTIPLIERS					
ESCALATION @		(Rate)			
OVERHEAD @		133.80% (of Total Direct Labor + Escalation)		\$4,147.80	
PAYROLL ADDITIVES @		48.30% (of Total Direct Labor + Escalation)		\$1,497.30	
TOTAL MULTIPLIERS				\$5,645.10	
OTHER DIRECT EXPENSES *** Billed at Actual Cost ***					
ITEM	QUANTITY	UNIT	UNIT COST	AMOUNT	
Historic Resources Evaluation Report		Each	\$14,000.00		
Haz Waste ISA Records Search		Each	\$1,000.00		
Aerial Photography		Each	\$2,840.00		
Permitting Fees		Each	\$9,600.00		
Geotechnical Investigations (Retaining Walls)		Each	\$14,000.00		
Geotechnical Investigations (Haun Road Intersection)		Each	\$7,500.00		
Update Traffic Analyses (Optional Task)		Each	\$5,000.00		
Potholing & Traffic Control		Each	\$4,000.00		
TOTAL OTHER DIRECT EXPENSES					
OUTSIDE SERVICES (w/o fee)					
COMPANY	LABOR	MULTIPLIER	EXPENSES	TOTAL	
TOTAL OUTSIDE SERVICES					
FEES					
OUTSIDE SERVICES ADMIN F		(of Total Outside Services & Outside Services Fees)			
DOKKEN ENGINEERING @	10.00% (of Total Direct Labor + Total Multipliers)		\$874.51		
OUTSIDE SERVICES @	10.00% (of Total Labor + Total Multiplier for Outside Service)				
TOTAL FEES				\$874.51	
TOTAL COST				\$9,619.61	

FEE PROPOSAL WORKSHEET					
COMPANY: Dokken Engineering		SCOPE OF WORK Project Report		DATE: 5/22/2012	REV: 1
PROJECT: Scott Road / I-215 - Amendment 2				MILESTONE/PHASE/PROJECT SUMMARY: PHASE 1 (Reval) Task 12.0	
DIRECT LABOR					
PERSONNEL	FUNCTION	HOURS	RATE	AMOUNT	
Matt Salveson, P E	Project Manager		\$53.50		
Mike Roberts, P E	Project Engineer	20 @	\$41.00		\$820.00
	Senior Engineer		\$46.00		
	Assoc Engineer	40 @	\$37.50		\$1,500.00
	Assist Engineer	90 @	\$32.50		\$2,925.00
	Senior Env Planner		\$59.00		
	Env Planner		\$30.00		
TOTAL HOURS		150	TOTAL DIRECT LABOR		\$5,245.00
MULTIPLIERS					
ESCALATION @		(Rate)			
OVERHEAD @		133.80% (of Total Direct Labor + Escalation)		\$7,017.81	
PAYROLL ADDITIVES @		48.30% (of Total Direct Labor + Escalation)		\$2,533.34	
TOTAL MULTIPLIERS				\$9,551.15	
OTHER DIRECT EXPENSES ... Billed at Actual Cost ...					
ITEM	QUANTITY	UNIT	UNIT COST	AMOUNT	
Historic Resources Evaluation Report		Each	\$14,000.00		
Haz Waste ISA Records Search		Each	\$1,000.00		
Aerial Photography		Each	\$2,840.00		
Permitting Fees		Each	\$9,600.00		
Geotechnical Investigations (Retaining Walls)		Each	\$14,000.00		
Geotechnical Investigations (Haun Road Intersection)		Each	\$7,500.00		
Update Traffic Analyses (Optional Task)		Each	\$5,000.00		
Potholing & Traffic Control		Each	\$4,000.00		
TOTAL OTHER DIRECT EXPENSES					
OUTSIDE SERVICES (w/o fee)					
COMPANY	LABOR	MULTIPLIER	EXPENSES	TOTAL	
TOTAL OUTSIDE SERVICES					
FEES					
OUTSIDE SERVICES ADMIN F		(of Total Outside Services & Outside Services Fees)			
DOKKEN ENGINEERING @		10.00% (of Total Direct Labor + Total Multipliers)		\$1,479.61	
OUTSIDE SERVICES @		10.00% (of Total Labor + Total Multiplier for Outside Service)			
TOTAL FEES				\$1,479.61	
TOTAL COST				\$16,275.76	

FEE PROPOSAL WORKSHEET					
COMPANY: Dokken Engineering		SCOPE OF WORK Phase 2 Project Management		DATE: 5/22/2012	REV: 1
PROJECT: Scott Road / I-215 - Amendment 2				MILESTONE/PHASE/PROJECT SUMMARY: PHASE 2 (Reval) Task 1.0	
DIRECT LABOR					
PERSONNEL	FUNCTION	HOURS	RATE	AMOUNT	
Matt Salvesson, P.E.	Project Manager	25 @	\$53.50	\$1,337.50	
Mike Roberts, P.E.	Project Engineer	25 @	\$41.00	\$1,025.00	
	Senior Engineer		\$46.00		
	Assoc Engineer		\$37.50		
	Assist Engineer		\$32.50		
	Senior Env Planner		\$59.00		
	Env Planner		\$30.00		
		TOTAL HOURS	50	TOTAL DIRECT LABOR	\$2,362.50
MULTIPLIERS					
ESCALATION @		(Rate)			
OVERHEAD @		133.80% (of Total Direct Labor + Escalation)		\$3,161.03	
PAYROLL ADDITIVES @		48.30% (of Total Direct Labor + Escalation)		\$1,141.09	
				TOTAL MULTIPLIERS	\$4,302.11
OTHER DIRECT EXPENSES ... Billed at Actual Cost ...					
ITEM	QUANTITY	UNIT	UNIT COST	AMOUNT	
Historic Resources Evaluation Report		Each	\$14,000.00		
Haz Waste ISA Records Search		Each	\$1,000.00		
Aerial Photography		Each	\$2,840.00		
Permitting Fees		Each	\$9,600.00		
Geotechnical Investigations (Retaining Walls)		Each	\$14,000.00		
Geotechnical Investigations (Haun Road Intersection)		Each	\$7,500.00		
Update Traffic Analyses (Optional Task)		Each	\$5,000.00		
Potholing & Traffic Control		Each	\$4,000.00		
				TOTAL OTHER DIRECT EXPENSES	
OUTSIDE SERVICES (w/o fee)					
COMPANY	LABOR	MULTIPLIER	EXPENSES	TOTAL	
				TOTAL OUTSIDE SERVICES	
FEES					
OUTSIDE SERVICES ADMIN F		(of Total Outside Services & Outside Services Fees)			
DOKKEN ENGINEERING @	10.00%	(of Total Direct Labor + Total Multipliers)		\$666.46	
OUTSIDE SERVICES @	10.00%	(of Total Labor + Total Multiplier for Outside Service)			
				TOTAL FEES	\$666.46
				TOTAL COST	\$7,331.07

FEE PROPOSAL WORKSHEET					
COMPANY: Dokken Engineering		SCOPE OF WORK Roadway PS&E		DATE: 5/22/2012	REV: 1
PROJECT: Scott Road / I-215 - Amendment 2				MILESTONE/PHASE/PROJECT SUMMARY: PHASE 2 (Reval) Task 13.0	
DIRECT LABOR					
PERSONNEL	FUNCTION	HOURS		RATE	AMOUNT
Matt Salveson, P.E.	Project Manager			\$53.50	
Mike Roberts, P.E.	Project Engineer	190	@	\$41.00	\$7,790.00
	Senior Engineer	50	@	\$46.00	\$2,300.00
	Assoc Engineer	474	@	\$37.50	\$17,775.00
	Assist Engineer	568	@	\$32.50	\$18,460.00
	Senior Env Planner			\$59.00	
	Env Planner			\$30.00	
TOTAL HOURS		1282	TOTAL DIRECT LABOR		\$46,325.00
MULTIPLIERS					
ESCALATION @		(Rate)			
OVERHEAD @		133.80% (of Total Direct Labor + Escalation)		\$61,982.85	
PAYROLL ADDITIVES @		48.30% (of Total Direct Labor + Escalation)		\$22,374.98	
TOTAL MULTIPLIERS				\$84,357.83	
OTHER DIRECT EXPENSES ... Billed at Actual Cost ...					
ITEM	QUANTITY	UNIT	UNIT COST	AMOUNT	
Historic Resources Evaluation Report		Each	\$14,000.00		
Haz Waste ISA Records Search		Each	\$1,000.00		
Aerial Photography		Each	\$2,840.00		
Permitting Fees		Each	\$9,600.00		
Geotechnical Investigations (Retaining Walls)		Each	\$14,000.00		
Geotechnical Investigations (Haun Road Intersection)		Each	\$7,500.00		
Update Traffic Analyses (Optional Task)		Each	\$5,000.00		
Potholing & Traffic Control		Each	\$4,000.00		
TOTAL OTHER DIRECT EXPENSES					
OUTSIDE SERVICES (w/o fee)					
COMPANY	LABOR	MULTIPLIER	EXPENSES	TOTAL	
TOTAL OUTSIDE SERVICES					
FEES					
OUTSIDE SERVICES ADMIN F		(of Total Outside Services & Outside Services Fees)			
DOKKEN ENGINEERING @		10.00% (of Total Direct Labor + Total Multipliers)		\$13,068.28	
OUTSIDE SERVICES @		10.00% (of Total Labor + Total Multiplier for Outside Service)			
TOTAL FEES				\$13,068.28	
TOTAL COST				\$143,751.11	

FEE PROPOSAL WORKSHEET																																																																	
COMPANY:		SCOPE OF WORK		DATE:	REV:																																																												
Dokken Engineering		Coordinate Utilities		5/22/2012	1																																																												
PROJECT:				MILESTONE/PHASE/PROJECT SUMMARY:																																																													
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OUTSIDE SERVICES ADMIN F	(of Total Outside Services & Outside Services Fees)																																																																
DOKKEN ENGINEERING @	10.00% (of Total Direct Labor + Total Multipliers)																																																																
OUTSIDE SERVICES @	10.00% (of Total Labor + Total Multiplier for Outside Service)																																																																
TOTAL FEES	\$342.47																																																																
TOTAL COST	\$7,767.16																																																																

C2-15

FEE PROPOSAL WORKSHEET					
COMPANY: Dokken Engineering		SCOPE OF WORK Geotechnical Studies		DATE: 5/22/2012	REV: 1
PROJECT: Scott Road / I-215 - Amendment 2				MILESTONE/PHASE/PROJECT SUMMARY: PHASE 1 (Additional Tasks) Task 3.0	
DIRECT LABOR					
PERSONNEL	FUNCTION	HOURS	RATE	AMOUNT	
Matt Salveson, P.E.	Project Manager		\$53.50		
Mike Roberts, P.E.	Project Engineer		\$41.00		
	Senior Engineer		\$46.00		
	Assoc Engineer		\$37.50		
	Assist Engineer		\$32.50		
	Senior Env Planner		\$59.00		
	Env Planner		\$30.00		
TOTAL HOURS			TOTAL DIRECT LABOR		
MULTIPLIERS					
ESCALATION @		(Rate)			
OVERHEAD @		133.80% (of Total Direct Labor + Escalation)			
PAYROLL ADDITIVES @		48.30% (of Total Direct Labor + Escalation)			
		TOTAL MULTIPLIERS			
OTHER DIRECT EXPENSES ... Billed at Actual Cost ...					
ITEM	QUANTITY	UNIT	UNIT COST	AMOUNT	
Historic Resources Evaluation Report		Each	\$14,000.00		
Haz Waste ISA Records Search		Each	\$1,000.00		
Aerial Photography		Each	\$2,840.00		
Permitting Fees		Each	\$9,600.00		
Geotechnical Investigations (Retaining Walls)	1	Each @	\$14,000.00	\$14,000.00	
Geotechnical Investigations (Haun Road Intersection)		Each	\$7,500.00		
Update Traffic Analyses (Optional Task)		Each	\$5,000.00		
Potholing & Traffic Control		Each	\$4,000.00		
TOTAL OTHER DIRECT EXPENSES				\$14,000.00	
OUTSIDE SERVICES (w/o fee)					
COMPANY	LABOR	MULTIPLIER	EXPENSES	TOTAL	
TOTAL OUTSIDE SERVICES					
FEES					
OUTSIDE SERVICES ADMIN F		(of Total Outside Services & Outside Services Fees)			
DOKKEN ENGINEERING @		10.00% (of Total Direct Labor + Total Multipliers)			
OUTSIDE SERVICES @		10.00% (of Total Labor + Total Multiplier for Outside Service)			
TOTAL FEES					
TOTAL COST				\$14,000.00	

FEE PROPOSAL WORKSHEET					
COMPANY: Dokken Engineering		SCOPE OF WORK Biological Studies		DATE: 5/22/2012	REV: 1
PROJECT: Scott Road / I-215 - Amendment 2				MILESTONE/PHASE/PROJECT SUMMARY: PHASE 1 (Additional Tasks) Task 9.0	
DIRECT LABOR					
PERSONNEL	FUNCTION	HOURS		RATE	AMOUNT
Matt Salvesson, P.E.	Project Manager			\$53.50	
Mike Roberts, P.E.	Project Engineer			\$41.00	
	Senior Engineer			\$46.00	
	Assoc Engineer			\$37.50	
	Assist Engineer			\$32.50	
	Senior Env Planner	20	@	\$59.00	\$1,180.00
	Env Planner	100	@	\$30.00	\$3,000.00
		TOTAL HOURS		120	
		TOTAL DIRECT LABOR			\$4,180.00
MULTIPLIERS					
ESCALATION @		(Rate)			
OVERHEAD @		133.80% (of Total Direct Labor + Escalation)			\$5,592.84
PAYROLL ADDITIVES @		48.30% (of Total Direct Labor + Escalation)			\$2,018.94
				TOTAL MULTIPLIERS	\$7,611.78
OTHER DIRECT EXPENSES *** Billed at Actual Cost ***					
ITEM	QUANTITY	UNIT	UNIT COST	AMOUNT	
Historic Resources Evaluation Report		Each	\$14,000.00		
Haz Waste ISA Records Search		Each	\$1,000.00		
Aerial Photography		Each	\$2,840.00		
Permitting Fees		Each	\$9,600.00		
Geotechnical Investigations (Retaining Walls)		Each	\$14,000.00		
Geotechnical Investigations (Haun Road Intersection)		Each	\$7,500.00		
Update Traffic Analyses (Optional Task)		Each	\$5,000.00		
Potholing & Traffic Control		Each	\$4,000.00		
				TOTAL OTHER DIRECT EXPENSES	
OUTSIDE SERVICES (w/o fee)					
COMPANY	LABOR	MULTIPLIER	EXPENSES	TOTAL	
				TOTAL OUTSIDE SERVICES	
FEES					
OUTSIDE SERVICES ADMIN F		(of Total Outside Services & Outside Services Fees)			
DOKKEN ENGINEERING @	10.00%	(of Total Direct Labor + Total Multipliers)			\$1,179.18
OUTSIDE SERVICES @	10.00%	(of Total Labor + Total Multiplier for Outside Service)			
				TOTAL FEES	\$1,179.18
				TOTAL COST	\$12,970.96

FEE PROPOSAL WORKSHEET					
COMPANY: Dokken Engineering		SCOPE OF WORK Roadway PS&E		DATE: 5/22/2012	REV: 1
PROJECT: Scott Road / I-215 - Amendment 2				MILESTONE/PHASE/PROJECT SUMMARY: PHASE 2 (Additional Tasks) Task 13.0	
DIRECT LABOR					
PERSONNEL	FUNCTION	HOURS		RATE	AMOUNT
Matt Salveson, P E	Project Manager			\$53.50	
Mike Roberts, P E	Project Engineer	4	@	\$41.00	\$164.00
	Senior Engineer			\$46.00	
	Assoc Engineer	20	@	\$37.50	\$750.00
	Assist Engineer	50	@	\$32.50	\$1,625.00
	Senior Env Planner			\$59.00	
	Env Planner			\$30.00	
TOTAL HOURS		74		TOTAL DIRECT LABOR	\$2,539.00
MULTIPLIERS					
ESCALATION @		(Rate)			
OVERHEAD @		133.80% (of Total Direct Labor + Escalation)		\$3,397.18	
PAYROLL ADDITIVES @		48.30% (of Total Direct Labor + Escalation)		\$1,226.34	
TOTAL MULTIPLIERS				\$4,623.52	
OTHER DIRECT EXPENSES ... Billed at Actual Cost ...					
ITEM	QUANTITY	UNIT	UNIT COST	AMOUNT	
Historic Resources Evaluation Report		Each	\$14,000.00		
Haz Waste ISA Records Search		Each	\$1,000.00		
Aerial Photography		Each	\$2,840.00		
Permitting Fees		Each	\$9,600.00		
Geotechnical Investigations (Retaining Walls)		Each	\$14,000.00		
Geotechnical Investigations (Haun Road Intersection)		Each	\$7,500.00		
Update Traffic Analyses (Optional Task)		Each	\$5,000.00		
Potholing & Traffic Control		Each	\$4,000.00		
TOTAL OTHER DIRECT EXPENSES					
OUTSIDE SERVICES (w/o fee)					
COMPANY	LABOR	MULTIPLIER	EXPENSES	TOTAL	
TOTAL OUTSIDE SERVICES					
FEES					
OUTSIDE SERVICES ADMIN F		(of Total Outside Services & Outside Services Fees)			
DOKKEN ENGINEERING @		10.00% (of Total Direct Labor + Total Multipliers)		\$716.25	
OUTSIDE SERVICES @		10.00% (of Total Labor + Total Multiplier for Outside Service)			
TOTAL FEES				\$716.25	
TOTAL COST				\$7,878.77	

MANHOUR WORKSHEET

COMPANY: Dokken Engineering		SCOPE OF WORK: Summary		DATE: 5/22/2012	REVISION: 1
PROJECT: Scott Road / I-215 - Amendment 2		MILESTONE/PHASE/PROJECT SUMMARY: Project Summary			

Dokken Engineering Summary

TASK	Project Manager	Project Engineer	Senior Engineer	Assoc Engineer	Assist Engineer	Senior Env Planner	Env Planner	TOTAL
	\$53.50	\$41.00	\$46.00	\$37.50	\$32.50	\$59.00	\$30.00	
PHASE 1 (Reval) Task 1.0	55	25						80
PHASE 1 (Reval) Task 2.0				29				29
PHASE 1 (Reval) Task 7.0						24	64	88
PHASE 1 (Reval) Task 8.0						20	110	130
PHASE 1 (Reval) Task 9.0						4	56	60
PHASE 1 (Reval) Task 10.0		14			20			34
PHASE 1 (Reval) Task 11.0							64	84
PHASE 1 (Reval) Task 12.0		20		40	90			150
PHASE 2 (Reval) Task 1.0	25	25						50
PHASE 2 (Reval) Task 13.0		190	50	474	568			1,282
PHASE 2 (Reval) Task 16.0		4		15	15			34
PHASE 1 (Additional Tasks) Task 9.0						20	100	120
PHASE 1 (Additional Tasks) Task 13.0		4		20	50			74
Totals	80	282	50	578	743	88	394	2,215

MANHOUR WORKSHEET												
COMPANY: Dokken Engineering			SCOPE OF WORK Preliminary Engineering Studies					DATE: 5/22/2012		REVISION: 1		
PROJECT: Scott Road / I-215 - Amendment 2			MILESTONE/PHASE/PROJECT SUMMARY: PHASE 1 (Revall) Task 2.0									
TASK	Project Manager	Project Engineer	Senior Engineer	Assoc Engineer	Assist Engineer	Senior Env Planner	Env Planner					TOTAL
Total Manhours												29
Geotechnical Studies (Haun Road Intersection)												29
Hazardous Waste ISA												29

MANHOUR WORKSHEET													
COMPANY: Dokken Engineering		SCOPE OF WORK Cultural Technical Studies						DATE: 5/22/2012		REVISION: 1			
PROJECT: Scott Road / I-215 - Amendment 2		MILESTONE/PHASE/PROJECT SUMMARY: PHASE 1 (Rev'd) Task 7.0											
TASK	Project Manager	Project Engineer	Senior Engineer	Assoc Engineer	Assist Engineer	Senior Env Planner	Env Planner						TOTAL
Total Manhours													88
Cultural Studies													
Historic Property Survey Report						22	32						54
Historic Resources Evaluation Report													
Section 4(f) de minimis						2	32						34

MANHOURLY WORKSHEET												
COMPANY: Dokken Engineering			SCOPE OF WORK: Environmental Technical Studies							DATE: 5/22/2012		
PROJECT: Scott Road / I-215 - Amendment 2										REVISION: 1		
										MILESTONE/PHASE/PROJECT SUMMARY:		
										PHASE 1 (Rev'd) Task 0.0		
TASK	Project Manager	Project Engineer	Senior Engineer	Assoc. Engineer	Asst. Engineer	Senior Env. Planner	Env. Planner					TOTAL
Total Manhours												130
Environmental Technical Studies												
Air Quality Studies						4	66					70
Noise Study Report Memorandum						4	20					24
Community Impact Assessment Memorandum						4	8					12
Visual Impact Assessment Memorandum						4	8					12
Traffic Memorandum						4	8					12
Update Traffic Analyses and Report (Optional Task)	+											

MANHOUR WORKSHEET												
COMPANY:		SCOPE OF WORK		DATE:		REVISION:						
Dokken Engineering		Geometric Approval		5/22/2012		1						
PROJECT:		MILESTONE/PHASE/PROJECT SUMMARY:										
Scott Road / I-215 - Amendment 2		PHASE 1 (Reval) Task 10.0										
TASK	Project Manager	Project Engineer	Senior Engineer	Assoc Engineer	Asst Engineer	Senior Env Planner	Env Planner					TOTAL
Total Manhours	14				20							34
Geometric Approval	14				20							34

MANHOUR WORKSHEET												
COMPANY: Dokken Engineering			SCOPE OF WORK Environmental Documents					DATE: 5/22/2012		REVISION: 1		
PROJECT: Scott Road / I-215 - Amendment 2			MILESTONE/PHASE/PROJECT SUMMARY: PHASE 1 (Reval) Task 11.0									
TASK	Project Manager	Project Engineer	Senior Engineer	Assoc Engineer	Asstt Engineer	Senior Env Planner	Env Planner					TOTAL
Total Manhours												84
Environmental Revalidation												
Prepare Environmental Revalidation						16	52					68
Update Environmental Commitment Record						4	12					16

MANHOUR WORKSHEET												
COMPANY: Dokken Engineering			SCOPE OF WORK Project Report				DATE: 5/22/2012			REVISION: 1		
PROJECT: Scott Road / I-215 - Amendment 2			MILESTONE/PHASE/PROJECT SUMMARY: PHASE 1 (Reval) Task 12.0									
TASK	Project Manager	Project Engineer	Senior Engineer	Assoc. Engineer	Asst. Engineer	Senior Env Planner	Env Planner					TOTAL
Total Manhours		20		40	90							150
Supplemental Project Report		20		40	90							150

MANHOUR WORKSHEET													
COMPANY: Dokken Engineering			SCOPE OF WORK Roadway PS&E					DATE: 5/22/2012		REVISION: 1			
PROJECT: Scott Road / I-215 - Amendment 2			MILESTONE/PHASE/PROJECT SUMMARY: PHASE 2 (Reval) Task 13.0										
TASK	Project Manager	Project Engineer	Senior Engineer	Assoc Engineer	Asstt Engineer	Senior Env Planner	Env Planner					TOTAL	
Total Manhours			190	50	474	568							1,282
Plan Sheets		156	50	419	568							1,193	
Special Provisions		26										26	
Drainage Report		8		55								63	

MANHOUR WORKSHEET											
COMPANY: Dokken Engineering		SCOPE OF WORK Biological Studies		DATE: 5/22/2012		REVISION: 1					
PROJECT: Scott Road / I-215 - Amendment 2		MILESTONE/PHASE/PROJECT SUMMARY: PHASE 1 (Additional Tasks) Task 9.0									
TASK	Project Manager	Project Engineer	Senior Engineer	Assoc Engineer	Asstt Engineer	Senior Env Planner	Env Planner				TOTAL
Total Manhours											
						20	100				120
Wetland Delineation						20	100				120

MANHOUR WORKSHEET												
COMPANY: Dokken Engineering			SCOPE OF WORK Roadway PS&E				DATE: 5/22/2012		REVISION: 1			
PROJECT: Scott Road / I-215 - Amendment 2			MILESTONE/PHASE/PROJECT SUMMARY: PHASE 1 (Additional Tasks) Task 13.0									
TASK	Project Manager	Project Engineer	Senior Engineer	Assoc Engineer	Assist Engineer	Senior Env Planner	Env Planner					TOTAL
Total Manhours												
		4		20	50							74
Life Cycle Cost Analysis		4		20	50							74