THE BOARD OF SUPERVISORS OF THE COUNTY OF STANISLAUS
BOARD ACTION SUMMARY

DEPT: Public Works

BOARD AGENDA:5.C.1
AGENDA DATE: August 29, 2023

SUBJECT:

Approval of the Fourth Amendment to the Agreement for Professional Design Services with WSP USA, Inc. for the Crabtree Road Bridge Over Dry Creek Project

BOARD ACTION AS FOLLOWS: **RESOLUTION NO. 2023-0437**

On motion of Supervisor _Grewal_   Seconded by Supervisor _B. Condit_
and approved by the following vote,
Ayes: Supervisors: B. Condit, Chiesa, Withrow, Grewal, and Chairman C. Condit
Noes: Supervisors: _None_
Excused or Absent: Supervisors: None
Abstaining: Supervisor: _None_
1) _X_   Approved as recommended
2) _____   Denied
3) _____   Approved as amended
4) _____   Other:
MOTION:

ATTEST: ELIZABETH A. KING, Clerk of the Board of Supervisors   File No.

THE BOARD OF SUPERVISORS OF THE COUNTY OF STANISLAUS
AGENDA ITEM

DEPT: Public Works

CONSENT: ☑

CEO CONCURRENCE: YES

BOARD AGENDA:5.C.1
AGENDA DATE: August 29, 2023

4/5 Vote Required: No

SUBJECT:

Approval of the Fourth Amendment to the Agreement for Professional Design Services with WSP USA, Inc. for the Crabtree Road Bridge Over Dry Creek Project

STAFF RECOMMENDATION:

1.   Approve the Fourth Amendment to the Agreement for Professional Design Services with WSP USA, Inc., in the amount of $272,195, for the Crabtree Road over Dry Creek Bridge Replacement Project, with a new not-to-exceed amount of $1,412,343.
2.   Authorize the Director of Public Works to execute the Fourth Amendment to the Agreement for Professional Design Services with WSP USA, Inc. in the amount of $272,195.
3.   Authorize the Director of Public Works to take any appropriate action necessary to carry out the purpose and intent of these recommendations.

DISCUSSION:

The purpose of the Crabtree Road over Dry Creek Bridge project is to replace the existing structurally deficient bridge that was constructed in 1920 with a new bridge placed on an adjacent alignment that meets current design standards.

The existing bridge was constructed in 1920 as a riveted steel through Pratt truss. The current condition of the bridge is poor with a sufficiency rating (SR) of 39.6 (SR under 50 is eligible for replacement). Traffic is currently restricted to one lane, with stop signs controlling access to the bridge. Additionally, traffic has height restrictions of 13 feet due to the nature of the through truss bridge. The existing roadway alignment creates a sharp curve in the road on the north side and this curve causes a traffic hazard on an otherwise straight alignment. This bridge is eligible for replacement under the Federal Highway Administrations (FHWA), Highway Bridge Program (HBP) and will be funded at 100% federal funding, using toll credits in-lieu of a local match.

The project will replace the existing bridge to the east of the existing location. This will reduce the roadway curvature and provide for a safer traffic alignment. The new bridge will accommodate two 10-foot lanes with a two-foot shoulder on either side. The barrier rails will meet current standards and will provide bicycle railings on either side of the bridge.

On June 2, 2015, the Board approved the contract with Parsons Brinckerhoff of Sacramento in the amount of $666,475 to provide Bridge Engineering Services with a Performance Period to end on December 5, 2016, for this project. Subsequent to that approval, Parsons Brinkerhoff was acquired and is now operating under the name WSP-USA.

During the development of this project, cultural artifacts were discovered at the project location and budget was redirected to complete the additional environmental studies that were required by Caltrans to meet the requirements of the National Environmental Policy Act (NEPA).

The CEQA Initial Study/Mitigated Negative Declaration was approved by the Board on October 27, 2020, and NEPA was approved by Caltrans on August 27, 2021. This project is now working to acquire the necessary rights-of-way and final design.

On December 2, 2017, contract Amendment No. 1 extended the Performance Period to end on August 17, 2021, and was executed under the authority granted to the Public Works Director.

On May 9, 2018, contract Amendment No. 2 provided an extension to the Performance Period until May 17, 2022, and increased the funds in the amount of $65,444 to cover additional services necessary to complete the Archeological Evaluation Report and was executed under the authority granted to the Public Works Director.

On March 29, 2022, the Board of Supervisors approved contract Amendment No. 3 to provide funds to restore the budget that was redirected to complete the additional environmental studies and increased the funds in the amount of $408,229 to provide design support and environmental monitoring during construction and to extend the Performance Period until April 22, 2025, to cover the expected period for construction and closeout of this project.

Contract Amendment No. 4 provides funds to complete additional environmental studies design, and complete the PE phase, and restore the budget that was redirected from bidding and construction support tasks.

The cost associated with the delivery of this bridge engineering contract is as follows:

Original Agreement	$ 666,475
Amendment No. 1	$ 0
Amendment No. 2	$ 65,444
Amendment No. 3	$ 408,229
Amendment No. 4	$ 272,195
Total Consultant Agreement	$1,412,343

POLICY ISSUE:

Public Contract Code section 20137 requires Board of Supervisors' approval to amend a contract exceeding 10% of the original agreement.

FISCAL IMPACT:

The additional environmental studies required by Caltrans make it necessary to amend this contract to complete the environmental clearance milestone and final design. The additional $272,195 cost includes additional scope of work for final design tasks, environmental support, and design support during construction.

This project has approved funding from the HBP program in the amount $8,057,400. At this time, only $918,000 of HBP funds are authorized for Preliminary Engineering which is used for staff time, contracts and agreements, as well as other incidental costs associated with Preliminary Engineering.

The prior Amendment No. 3 used Highway Users Tax Account (HUTA) funds in the amount of $425,725. For this Amendment No. 4, Public Works will use Measure L (Traffic Management) funds in the amount of $272,195. Funding for this amendment has been included in the Fiscal Year 2024 Proposed Public Works Road and Bridge Budget. County staff will submit the necessary requests to Caltrans to provide additional HBP funding to cover the total cost of the project.

BOARD OF SUPERVISORS' PRIORITY:

The recommended actions are consistent with the Board's priorities of *Delivering Efficient Public Services* and *Enhancing Community Infrastructure* by replacing this structurally deficient bridge and providing a safe transportation network.

STAFFING IMPACT:

Existing Public Works staff is overseeing this project.

CONTACT PERSON:

David A. Leamon, Public Works Director   Telephone: (209) 525-4130

ATTACHMENT(S):

1.   Amendment No. 4
2.   WSP USA, Inc. Letter (April 24, 2023)
3.   Scope of Work
4.   Task Schedule
5.   Cost Proposal by Task
6.   Levine Act Disclosure Statement

STANISLAUS COUNTY

Fourth Amendment to Professional Design Services Agreement between County of Stanislaus and
WSP USA, Inc. for the
Crabtree Road Over Dry Creek Bridge Replacement - Contract No. 9470

(Additional Services to Agreement)

This Fourth Amendment (Amendment) is made and entered into this _____ day of _____,
2023, in the City of Modesto, State of California, by and between the County of Stanislaus
("County") and WSP USA, Inc., a New York Corporation doing business in California as WSP
USA, Inc. ("Consultant"), for and in consideration of the promises, and the mutual promises,
covenants, terms, and conditions, hereinafter contained.

WHEREAS, on June 2, 2015, the Stanislaus County Board of Supervisors awarded a Professional
Design Services Agreement ("Agreement") to Parsons Brinckeroff, Inc. for the Crabtree Road Over
Dry Creek Bridge Replacement Project for $666.475 (Project);

WHEREAS, on June 2, 2015, the Stanislaus County Board of Supervisors authorized the Director
of Public Works to execute the Agreement with the Consultant and to sign necessary documents,
including any amendments to the Agreement not to exceed 10%;

WHEREAS, Parsons Brinckeroff, Inc. has changed its name to "WSP USA, Inc." and has filed
appropriate documentation with the California Secretary of State to continue doing business in
California under the name "WSP USA, Inc.",

WHEREAS, this change is in name only and all other aspects of Consultant's business remain
unchanged for purposes of this Agreement;

WHEREAS, on December 2, 2016, the Director of Public Works executed the First Amendment to
extend the Agreement to August 17, 2021;

WHEREAS, on May 9, 2018, the Director of Public Works executed the Second Amendment for
additional services in the amount of $65,444 and extended the Agreement expiration to May 17,
2022, and;

WHEREAS, on March 30, 2022, the Director of Public Works executed the Third Amendment for
additional services in the amount of $408,229 and extended the Agreement expiration to April 22,
2025, and;

WHEREAS, the Director of Public Works has determined that additional services in the amount of
Two Hundred Seventy-Two Thousand One Hundred Ninety-Five Dollars ($272,195) is necessary for
the Consultant to complete the Project;

WHEREAS, this Amendment exceeds 10% of the original contract and requires Board of
Supervisors approval;

$	666,475	Agreement
	----	First Amendment
$	65,444	Second Amendment
$	408,229	Third Amendment
+ $	272,195	Fourth Amendment
$	1,412,343	Total

WHEREAS, Consultant has continued to diligently perform the services requested to support this Project in good faith, and,

NOW THEREFORE, the parties agree as follows:

- Section 1.1 - Scope of Services is amended to include additional services as shown in "Exhibit 1-A" attached hereto and made a part of this Amendment.

- Section 2.1 - Compensation is amended to include additional fees of Two Hundred Seventy-Two Thousand One Hundred Ninety-Five Dollars ($272,195) as shown in "Exhibit 1-A" attached hereto and made a part of this Amendment. Consultant's compensation shall in no case exceed One Million Four Hundred Twelve Thousand Three Hundred Forty-Three Dollars ($1,412,343).

All other terms and conditions of the Agreement shall remain in full force and effect.

IN WITNESS WHEREOF, the parties have executed this Fourth Amendment effective on the date written above.

COUNTY OF STANISLAUS   **WSP USA, INC.**

By: _____   By: _Phil Stolarski_____
     David A. Leamon, PE   Phil Stolarski, PE
     Public Works Director   Senior Vice President

APPROVED AS TO FORM:
Thomas E. Boze, County Counsel

By: _____
     Donya Nunes
     Deputy County Counsel

1100 11th Street, 2nd Floor
Sacramento, CA 95814
Main: 916-567-2500

www.wsp.com

April 24, 2023

Michael Sanchez, PE
Project Manager
Stanislaus County, Public Works
1716 Morgan Road
Modesto, CA 95358
Phone: (209) 525-4138

Subject: Replacement of the Crabtree Road Bridge Project
Bridge No. 38C-009, Federal Aid Project No. BRLO-5938(227),
Amendment 4 Request

Dear Mr. Sanchez,

As directed by the County, WSP has prepared Amendment 4 that includes:

- Updating plans, specifications and estimate on abutment removal modifications and analysis. This includes structural analysis of existing abutments, redesign of RW1, civil changes to the plans, additional USGS utility coordination, changes to hydraulics report/ rock slope recommendation, Geotech Report, revising/updating the NEPA, CEQA, and Permit documentation.
- Revising Project Specifications and Plans to 2022 Caltrans Standards
- Additional funding to complete the PE project phase

The amount for this amendment is $272,195. The total contract value will be revised from $1,140,148 to $1,412,343.

To keep the project advancing, WSP requests to transfer funds from the currently approved task in the Bidding/Construction Support in the sum of $108,037 to the 100% Final design Task. Once Amendment 4 is approved, the Bidding/Construction Support budget can be replenished.

Should you have any questions, please do not hesitate to call.
Sincerely,

Carlos Ramirez
Project Manager
Vice President Bridge Engineer
(916) 567-2517

Raul Laborin
Vice President, Bay Area Transportation Business

Attachment
cc: Project File – 187402A

wsp

COST PROPOSAL BY TASK
Crabtree over Dry Creek Bridge Replacement Project - Amendment 4

Phase II & III - Preliminary Engineering and Environmental Documentation, PS&E, Bid Support

Task No.	Task Description	Carlos Ramirez Project Manager P-13 $287	James Gomez Sr Supv Engineer X-14 $361	Sergio Arellano Lead Engineer P-12 $243	Vickie Wheeler Lead Engineer PS&E P-11 $220	Ben Consolacion Sr Supv Engineer X-14 $332	Rezaei Nazanin Lead Engineer Independent Check P-10 $160	Lynette Davis Sr Supv CADD Operator T-10 $182	Anna Vo Contract Administrator III X-09 $141	Hector Herrera Supv Project Accountant PA X-09 $143	Total WSP Hours	Other Direct Costs	Total WSP Cost	SWCA (Formerly Sycamore Engineering) Hours	SWCA Other Direct Costs	SWCA Total Costs	HDR Inc (Formerly WRECO) Hours	HDR Other Direct Costs	HDR Total Costs	Crawford & Associates Hours	Crawford Other Direct Costs	Crawford Total Costs	Total Hours	Other Direct Cost	Total Cost	Notes
1	Project Management	50	28			28			10	10	126	$ -	$ 36,578										126	$ -	$ 36,578	
1.1	Communications and Coordination	20	20			20					60		$ 19,589													
1.2	PDT Meetings										0		$ -													
1.3	Project Schedule	10									10		$ 2,867													
1.4	Project Administration	20							10	10	40		$ 8,580													
1.5	Quality Control		8	8							16		$ 5,542													
3	Preliminary Engineering	20									20	$ -	$ 5,734	0	$ -	$ -	160	$ -	$ -				240	$ -	$ 43,835	
3.3	Foundation Design Report (FDR)	10									10		$ 2,867				160	$ -	$ 27,195	60	$ -	$ 10,906				
3.4	Hydraulic Studies	10									10		$ 2,867									$ 10,906				
4	Environmental Review & Permitting	10									10	$ -	$ 2,867	667	$ 230	$ 113,615	0	$ -	$ -	0	$ -		677	$ 230	$ 116,482	
4.1	Project Initiation Tasks										0		$ -	201	$ -	$ 36,674										
4.1.2	Project Management																									
4.2	Technical Studies	10									10		$ 2,867		$ -	$ 2,867										
4.2.1	Hazardous Waste Initial Site Assessment (ISA)										0		$ -													
4.2.2	Natural Environment Study (NES) Report										0		$ -													
4.2.3	Biological Assessment										0		$ -	115	$ 230	$ 18,344										
4.2.4	Wetland Study										0		$ -													
4.2.5	Archaeological Survey Report (ASR) and Historic Properties Survey Report (HPSR)										0		$ -													
4.2.6	Air Quality & GHS Analysis										0		$ -													
4.2.7	Visual Checklist Technical Memorandum										0		$ -													
4.2.8	Farmland Impact Memo and Form AD 1006										0		$ -													
4.2.10	Water Quality Assessment Memorandum										0		$ -													
4.2.11	Noise Memorandum										0		$ -													
4.3	NEPA/CEQA Documentation										0		$ -	61	$ -	$ 11,087										
4.4	Permit Application and Caltrans Environmental Commitment Record										0		$ -	290	$ -	$ 47,510										
4.5	Environmental Services During Construction (pre and post construction)										0		$ -													
4.5.1	Environmental & Permits Coordination/ Notification, Mitigation Coordination, Biologist Qualifications, and Worker Environmental Awareness Training (WEAT)										0		$ -													
4.5.2	Rare/Special-Status Plant Surveys										0		$ -													
4.5.3	California Tiger Salamander (includes refugia flagging as applicable)										0		$ -													
4.5.4	Western Pond Turtle (WPT)										0		$ -													
4.5.5	Nesting Bird and Raptor Survey										0		$ -													
4.5.6	Burrowing Owl (assumes birds founds and coordination with CDFW needed)										0		$ -													
4.5.7	Bat Surveys and Exclusion Coordination										0		$ -													
4.5.8	Bird Exclusion Devices/ Bridge Netting										0		$ -													
4.5.9	American Badger										0		$ -													
7	Final Design	84	20	48	40	20	60	40			312	$ -	$ 75,300										312	$ -	$ 75,300	
7.2	Utility Coordination	4	4	4							8		$ 2,118													
7.3.4	100% PS&E	80	20	44	40	20	60	40			304		$ 73,182													
	Phases II & III Totals PE	164	48	48	40	48	60	40	10	10	468	$ -	$ 120,479	667	$ 230	$ 113,615	160	$ -	$ 27,195	60	$ -	$ 10,906	1,355	$ 230	$ 272,195	

All Staff will be invoiced at actual rate within each pay grade/Classification Range and escalated annually January 1.

wsp

Stanislaus County

Crabtree Road Over Dry Creek Bridge Replacement

AMENDMENT 4

SCOPE OF WORK

This scope of work is compiled based on the Stanislaus County request to prepare an amendment including:

- Updating plans, specifications and estimate based on abutment removal modifications and analysis. This includes structural analysis of existing abutments, redesign of RW1, civil changes to the plans, additional USGS utility coordination, changes to hydraulics report/ rock slope recommendation, revised Geotech Report, revising/updating the NEPA, CEQA, and Permit documentation.
- Updating project plans and specifications to 2022 Caltrans Standards

Task 1 – Project Management and Coordination

Task 1.1: Meetings and Coordination - WSP
- Augmentation of Meetings, project management and Coordination Budget

The Consultant shall attend biweekly meeting (teleconference) with team members during design phase. The consultant will continue to provide progress updates, coordinate between technical disciplines, and facilitate overall project communications between the Consultant team and County.

Deliverables:
- Up to 20 biweekly teleconference coordination meetings

Task 3 –Preliminary Engineering

Task 3.3 – Foundation Design Report (FDR)

Crawford & Associates, Inc (Crawford) understands that Stanislaus County would like to remove the existing Crabtree Road Bridge abutments and place rock slope protection as part of the replacement bridge project. Reanalyze abutment design based on existing abutment encroachment beyond the proposed pile cap elevation and/or design scour. Also, RW 1 will be lengthened to accommodate the increased grading footprint. To assist in updating the PS&E submittal, Crawford will reanalyze the new abutments and RW 1 design. The analysis will include new abutment axial capacity, abutment lateral capacity, retaining wall settlement, and retaining wall bearing. Crawford will also review the removal limits and provide updated grading recommendations, if necessary.

Crawford will complete this additional work within two to three weeks of receiving the final grading/excavation limits and updated pier/retaining wall general plans and loading.

Deliverables:
 o *Revised Geotech Report*

Task 3.4 –Hydraulics Studies

Task 3.4.1 Project Management and Meetings

HDR|WRECO will attend a conference kickoff meeting with the Project Team. HDR|WRECO will also participate in two (2) coordination conference calls with the County and Project Team. On a monthly basis, HDR|WRECO will provide the Project Team with invoices and progress reports for the Project.

Deliverables:
 o *Monthly Invoices and Progress Reports*

Task 3.4.2 Hydrologic, Hydraulic, Scour, and Rock Slope Protection Analyses

HDR|WRECO will utilize the calculations that were performed for the Project as described in the 2019 Bridge Design Hydraulic Study (BDHS) report for the Project.

HDR|WRECO will coordinate with Turlock Irrigation District and Modesto Irrigation District to obtain annual peak discharge data at the Dry Creek at Crabtree Road stream gage. The County will provide the contact information from Turlock Irrigation District and Modesto Irrigation District. HDR|WRECO will update the Log Pearson Type III statistical analysis to estimate the 100-year and 50-year peak discharges at the Project site. HDR|WRECO will update the one-dimensional steady-state Hydrologic Engineering Center River Analysis System (HEC-RAS) hydraulic model for the proposed condition to incorporate the removal of the existing abutment embankments. A proposed grading surface will be provided by others. It is assumed that the new bridge geometry and alignment will remain the same as previously analyzed for the Project.
HDR|WRECO will update the long-term degradation at the proposed bridge using historical stream cross sections from the Bridge Inspection Reports for the existing bridge. HDR|WRECO will update the contraction and local scour using the results of the updated hydraulic model of the proposed condition and following the methodologies from Federal Highway Administration Hydraulic Engineering Circular No. 18. The abutment scour calculation will be updated following the National Cooperative Highway Research Program equation. The channel bed grain size distribution, boring, and bedrock elevations will be provided by others.
HDR|WRECO will update the rock slope protection (RSP) sizing following the equations in the Highway Design Manual for erosion protection at the embankment slopes.

Task 3.4.3 Bridge Design Hydraulic Study Report
HDR|WRECO will prepare the Draft Bridge Design Hydraulic Study report, which will document the updated hydrologic, hydraulic, scour, and RSP analyses. HDR|WRECO will respond to one round of comments from the County and update the report to submit the Final Bridge Design Hydraulic Study report.

Deliverables:
> o *Draft Bridge Design Hydraulic Study Report (PDF)*
> o *Final Bridge Design Hydraulic Study Report (PDF)*

Assumptions:
- HDR|WRECO's deliverables will be provided in PDF format. Other members of the Project Team will be responsible for hard copy reproductions if requested by the County.
- HDR|WRECO assumes that this scope of work will not include a site visit.
- It is assumed that the surface for the proposed grading (which includes the removal of the existing abutments and the grading at the existing and proposed embankments) will be provided by others prior to updating the hydraulic model for the proposed condition.
- It is assumed that the geotechnical data for the Project (channel bed grain size distribution, boring, and bedrock elevations) will be provided by others prior to performing the updated scour calculations.
- HDR|WRECO assumes that our deliverables will be forwarded to the County within 1 business day.
- HDR|WRECO assumes that we will receive comments on the Draft Bridge Design Hydraulic Study report within 10 business days.

Task 4 –Environmental Review & Permitting

Task 4.1.2 –Project Management
- Continued attendance at biweekly PDT meetings through anticipated Construction Start in May 2024, with technical support staff as needed. Respond to information requests, schedule updates, coordination regarding access and Right of Entry.
- Continued coordination with Caltrans as necessary for environmental compliance, documentation, and continued ESA Section 7 coordination.
- Continued environmental project management and quality control efforts.
- Retroactive compensation for efforts not included under this task as originally scoped including extended duration of support and meeting attendance, and coordination/updates regarding project

description, schedule updates, and to provide an analysis of the potential environmental compliance issues associated with abutment removal.

Assumptions:
- A total of 201 staff hours are included under this task, including 103 hours for out-of-scope or additional services already rendered and 98 hours for future services.
- Assumes one year of biweekly meetings attended by the Project Manager and assisting technical staff as needed.
- All meetings will be virtual.

Task 4.2.3 –Biological Assessment
- Prepare an addendum to the April 2020 Biological Assessment, as requested by Caltrans on 10/27/22, necessary for additional potential impacts to California Tiger Salamander (CTS) resulting from the extended period of construction/staging on the south bank of Dry Creek.
- Prepare mitigation/avoidance measures as needed, including CTS fencing and biologist inspections, and CTS habitat mitigation.
- Coordination as required with Caltrans and USFWS for Section 7 compliance.
- Retroactive compensation for the following requested services:
  - Site visit conducted in February 2023 to verify current conditions and search for CTS refugia burrows
  - CTS exclusion fencing research performed in 2022

Assumptions:
- A total of 115 staff hours are included under this task, including 36 hours for out-of-scope or additional services already rendered and 79 hours for future services.
- No future fieldwork will be required for this task.
- Any compensatory mitigation fees would be provided by the County and are not included in this cost estimate.

The amendment DOES NOT include the following:
- Biological Monitoring (Contractor Supplied Biologist)
- Permit fees
- Construction Staking (generally provided by contractor)
- Archeologist and tribal monitor and monitoring report (from PRDMP)
- Paleontological monitor and Monitoring Plan (from CEQA)
- Native American cultural resources monitoring
- ROE extension to cover access needs during preconstruction surveys (including but not limited to 250 ft up and downstream for western pond turtles)

Task 4.3 –NEPA/CEQA Documentation
- Prepare a County CEQA memorandum and Caltrans NEPA memorandum. The memoranda will document the decision to remove abutments in their entirety and how this was adequately addressed in the CEQA ISMND and NEPA CE and supporting environmental documentation. These memoranda are intended for internal Caltrans and County files.

Assumptions:
- A total of 61 staff hours are included for future services under this task.
- At the option of Caltrans and the County, draft memoranda provided by SWCA may be placed on agency letterhead. SWCA will incorporate one round of edits on memoranda.
- No public recirculation of environmental documents is anticipated or scoped here.

Task 4.4 – Permit Application and Caltrans Environmental Commitment Record
- Update permit applications with the complete abutment removal. This includes updates to 404, 401, and 1600 applications, project descriptions, means and methods, and figures and tables summarizing impacts.

- Anticipated potential new effort to acquire a Section 2081 Incidental Take Permit (or a Consistency Determination) from CDFW for impacts to CTS, which may be necessary to extend the work window for construction/staging south of Dry Creek and east of Crabtree Road.
- Retroactive compensation for requested permitting effort to date, which has included (but is not limited to): extended coordination regarding project design and construction means and methods, updates to project design including placement of rock slope protection, additional permitting effort associated with updates to permitting regulations (new Section 404 Nationwide permits, new Section 404 Waters of the U.S. definitions, new State Water Resources Control Board definitions and procedures).

Assumptions:
- A total of 290 staff hours are included under this task, including 111 hours for out-of-scope or additional services already rendered and 179 hours for future services.
- Up to 20 staff hours are included to respond to up to one round of consolidated Client/County edits and one round of agency comments/information requests.
- Permit application fees and any compensatory mitigation fees would be provided by the County and are not included.
- No fieldwork will be provided under this task.

Task 7 – 100% Plans, Specifications, and Engineers Estimates

Provide final plans, specifications and estimate based on County comments, removal of abutments, and revisions based on 2022 Caltrans Standard Plans and Specifications. Utility coordination on relocation of USGS gages.

Deliverables:
- 100% Plans, Specifications and Estimate

Crabtree Road Bridge Project Schedule

Construction activities in **CTS** dispersal habitat (the grassland south of Dry Creek and east of Crabtree Road) to occur during the the dry season (May 1 – October 5)

Timeline columns span: July 25, 2023 (week 113) through December 31, 2024 (week 188)

In-Water Work **NOT ALLOWED** / In-Water Work **ALLOWED**

Category	Task- Duration (Wk.)
Env. & Permitting	Caltrans HPSR review
	SHIPO review/ concurrence (completion of section 106)
	NEPA CE
	Environmental Permits (404/401/1600)
	CTS burrow inspection (Preliminary; ASAP)
	Rare Plant Survey (In May)
	CTS burrow preconstruction surveys (between 14 and 30 days before ground disturbance)
	Western pond turtle surveys (within 48 hours of starting work in or along Dry Creek)
	Western pond turtle monitoring (1 visit)
	Nesting bird maintenance (e.g., swallows) 3 x week, total of 40 trips
	Nesting bird surveys (in advance of constr during nest season)
	CONTRACTOR (Potential bird nest exclusion 2 days SWCA coordination)
	Potential nest/exclusion device monitoring
	Burrowing owl survey (1 survey no less than 14 days and 1 survey within 24 hours)
	Bat surveys (within 14 days prior to construction or earlier)
	Badger surveys (within 48 hours) and 1 day followup monitoring
	Monthly Monitoring for Env Permit Compliance (duration of construction)
PS&E	Utility Coordination Letters
	65% PS&E- Submitted 4/22/21
	95% PS&E - Submitted 10/18/22
	Final PS&E
ROW Process	Title report- Submitted 4/22/21
	Plats & legal-Summitted 4/22/21
	Appraisal
	Approval to acquire
	Acquisition
	Board Approval
	ROW Certification
	Escrow
Construction Support	Request for Authorization RSA for Construction
	Authorization RSA for Construction
	Bid Phase
	Award
	Construction Phase:
	Mobilization
	Site Preparation
	South Staging Area Preparation
	North Staging Area Preparation
	Abutment 1 - 60" CIDH Piles
	Abutment 1 Construction
	Abutment 2 - 60" CIDH Piles
	Abutment 2 Construction
	Construct RW 1
	Construct RW 2
	Construct RW 3
	Construct RW 4
	North Approach Roadway

Duration annotations visible on chart:
- 14 months+ (approx 5 months from receipt of updated design, assumes updated design by Sept 2023)
- CONTRACTOR excl birds/nests
- Monitor nests/excl devices
- Nesting bird maintenance as required (up to 3 x per week, total of 40 visits) — 23 Mo
- 11 weeks
- 12 weeks
- 6 weeks
- 5 weeks
- 7 weeks
- 2 to 6 months
- 4 weeks
- 6 week

Crabtree Road Bridge Project Schedule

In-Water Work NOT ALLOWED | **In-Water Work ALLOWED**

Task- Duration (Wk.)	July 25, 2023	August 1, 2023	August 8, 2023	August 15, 2023	August 22, 2023	August 29, 2023	September 5, 2023	September 12, 2023	September 19, 2023	September 26, 2023	October 3, 2023	October 10, 2023	October 17, 2023	October 24, 2023	October 31, 2023	November 7, 2023	November 14, 2023	November 21, 2023	November 28, 2023	December 5, 2023	December 12, 2023	December 19, 2023	December 26, 2023	January 2, 2024	January 9, 2024	January 16, 2024	January 23, 2024	January 30, 2024	February 6, 2024	February 13, 2024	February 20, 2024	February 27, 2024	March 5, 2024	March 12, 2024	March 19, 2024	March 26, 2024	April 2, 2024	April 9, 2024	April 16, 2024	April 23, 2024	April 30, 2024	May 7, 2024	May 14, 2024	May 21, 2024	May 28, 2024	June 4, 2024	June 11, 2024	June 18, 2024	June 25, 2024	July 2, 2024	July 9, 2024	July 16, 2024	July 23, 2024	July 30, 2024	August 6, 2024	August 13, 2024	August 20, 2024	August 27, 2024	September 3, 2024	September 10, 2024	September 17, 2024	September 24, 2024	October 1, 2024	October 8, 2024	October 15, 2024	October 22, 2024	October 29, 2024	November 5, 2024	November 12, 2024	November 19, 2024	November 26, 2024	December 3, 2024	December 10, 2024	December 17, 2024	December 24, 2024	December 31, 2024
Week #	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188
Driveway Relocation																																																																																
Falsework for Girder Splices																																																																																
Erect PC PS Wide Flange Girders																																																																																
Girder Splice Closure Pour and Intermediate/ End Diaphragms																																																																																
Form Deck																																																																																
Cast Deck																																																																																
Superstructure Post-Tensioning																																																																																
Falsework Removal for Girder Splices																																																																																
Joint Seals and Barrier																																																																																
South Approach Roadway																																																																																
Striping and Open to Traffic																																																																																
Existing Bridge Removal (superstructure)																																																																																
Existing Abutment Removal, Regrading																																																																																
Project Closeout																																																																																

From NES: Any potential diversion and dewatering activities will

Phase II & III-Preliminary Engineering and Environmental Documentation, PS&E, Bid Support

Task No.	Task Description	PB Staff Hours									WSP			Subconsultants									Totals		
		Project Manager Carlos Ramirez P-13 $287	Sr Supv Engineer James Gomez X-14 $361	Lead Engineer Sergio Arellano P-12 $243	Lead Engineer PS&E Vickie Wheeler P-11 $220	Sr Supv Engineer Ben Consolacion X-14 $332	Lead Engineer Independent Check Nazanin Rezaei P-10 $160	Sr Supv CADD Operator Lynette Davis T-10 $182	Contract Administrator III Anna Vo X-09 $141	Supv Project Accountant PA Hector Herrera X-09 $143	Total WSP Hours	Other Direct Costs	Total WSP Cost	SWCA (Formerly Sycamore Engineering) Hours	Other Direct Costs	Total Costs	HDR Inc (Formerly WRECO) Hours	Other Direct Costs	Total Costs	Crawford & Associates Hours	Other Direct Costs	Total Costs	Total Hours	Other Direct Cost	Total Cost
1	Project Management	50	28	-	-	28	-	-	10	10	126	$ -	$ 36,578										126	$ -	$ 36,578
1.1	Communications and Coordination	20	20			20					60		$ 19,589												
1.2	PDT Meetings										0		$ -												
1.3	Project Schedule	10									10		$ 2,867												
1.4	Project Administration	20							10	10	40		$ 8,580												
1.5	Quality Control		8		8						16		$ 5,542												
3	Preliminary Engineering	20									20	$ -	$ 5,734	0	$ -	$ -	160	$ -	$ 27,195	60	$ -	$ 10,906	240	$ -	$ 43,835
3.3	Foundation Design Report (FDR)	10									10		$ 2,867							60	$ -	$ 10,906			
3.4	Hydraulic Studies	10									10		$ 2,867				160	$ -	$ 27,195						
4	Environmental Review & Permitting	10									10	$ -	$ 2,867	667	230	$ 113,615	0	$ -	$ -	0	$ -	$ -	677	230	$ 116,482
4.1	Project Initiation Tasks										0		$ -												
4.1.2	Project Management										0		$ -	201	$ -	$ 36,674									
4.2	Technical Studies	10									10		$ 2,867												
4.2.1	Hazardous Waste Initial Site Assessment (ISA)										0		$ -												
4.2.2	Natural Environment Study (NES) Report										0		$ -												
4.2.3	Biological Assessment										0		$ -	115	230	$ 18,344									
4.2.4	Wetland Study										0		$ -												
4.2.5	Archaeological Survey Report (ASR) and Historic Properties Survey Report (HPSR)										0		$ -												
4.2.6	Air Quality & GHS Analysis										0		$ -												
4.2.7	Visual Checklist Technical Memorandum										0		$ -												
4.2.8	Farmland Impact Memo and Form AD 1006										0		$ -												
4.2.10	Water Quality Assessment Memorandum										0		$ -												
4.2.11	Noise Memorandum										0		$ -												
4.3	NEPA/CEQA Documentation										0		$ -	61	$ -	$ 11,087									
4.4	Permit Application and Caltrans Environmental Commitment Record										0		$ -	290	$ -	$ 47,510									
4.5	Environmental Services During Construction (pre and post construction)										0		$ -												
4.5.1	Environmental & Permits Coordination/ Notification, Mitigation Coordination, Biologist Qualifications, and Worker Environmental Awareness Training (WEAT)										0		$ -												
4.5.2	Rare/Special-Status Plant Surveys										0		$ -												
4.5.3	California Tiger Salamander (includes refugia flagging as applicable)										0		$ -												
4.5.4	Western Pond Turtle (WPT)										0		$ -												
4.5.5	Nesting Bird and Raptor Survey										0		$ -												
4.5.6	Burrowing Owl (assumes birds founds and coordination with CDFW needed)										0		$ -												
4.5.7	Bat Surveys and Exclusion Coordination										0		$ -												
4.5.8	Bird Exclusion Devices/ Bridge Netting										0		$ -												
4.5.9	American Badger										0		$ -												
7	Final Design	84	20	48	40	20	60	40	-	-	312	$ -	$ 75,300										312	$ -	$ 75,300
7.2	Utility Coordination	4		4							8		$ 2,118												
7.3.4	100% PS&E	80	20	44	40	48	60	40			304		$ 73,182												
	Phases II & III Totals PE	164	48	48	40	48	60	40	10	10	468	$ -	$ 120,479	667	230	$ 113,615	160	$ -	$ 27,195	60	$ -	$ 10,906	1,355	230	$ 272,195

All Staff will be invoiced at actual rate within each pay grade/Classification Range and escalated annually January 1.

TABLE 3 - COST PROPOSAL BY COST CATEGORY

CONTRACT No.   Crabtree Road at Dry Creek   Date   03/30/23

CONSULTANT   WSP USA

DIRECT LABOR

	Classification	Range	Hours			Ave. Hourly Rate		Total
P-13	Sr Engineering Mgr	$52-$100	164	@	$	93.84	$	15,389.76
X-14	Sr Supv Engineer	$61-$130	48	@	$	118.14		5,670.72
P-12	Lead Engineer	$42-$84	48	@	$	79.50	$	3,816.00
P-11	Lead Engineer	$36-$71	40	@	$	71.85		2,874.00
P-13	Sr Supv Engineer	$52-$100	48	@	$	108.58	$	5,211.84
P-10	Lead Engineer	$31-$60	60	@	$	52.51	$	3,150.60
T-10	Sr Supv CADD Operator	$31-$60	40	@	$	59.69	$	2,387.60
X-09	Contract Administrator III	$29-$49	10	@	$	46.21	$	462.10
X-09	Supv Project Accountant	$29-$49	10	@	$	46.94	$	469.40
			468					

            Subtotal Direct Labor Costs $ 39,432.02

        Anticipated Salary Increases (1.53%) $ 603.30

Total Direct Labor Costs $ 40,035

FACILITIES COST OF CAPITAL

FCCM   0.30%   **Total** 120.11

                                          $ 120

FRINGE BENEFITS   **Rate**   **Total**

Fringe Benefits   34.30% $ 13,732.11

            Total Fringe Benefits $ 13,732

INDIRECT COSTS

Overhead/General and Administrative   139.00% $ 55,649.09

            Total Indirect Costs $ 55,649

FEE @   10% $ 10,942

OTHER COSTS $ 0.00

            Total Other Costs $ 0

SUBCONSULTANTS

SWCA (Formerly Sycammore Engineerting) $ 113,615

HDR Inc (Formerly WRECO) $ 27,195

Crawford & Associates $ 10,906

       $

       $

           Total Subconsultants $ 151,716

TOTAL COSTS $ **272,194**

All Staff will be invoiced at actual rate within each pay grade/Classification Range and escalated annually 1/1.

CALIFORNIA LEVINE ACT DISCLOSURE STATEMENT

In 2022, California SB1439 extended requirements under Government Code Section 84308, also known as the "Levine Act", to prohibit members of county boards of supervisors from participating in any action related to a contract if such member receives political contributions totaling more than $250 within the previous twelve months, and for three months following the date a final decision concerning the contract has been made, from the person or company awarded the contract. The Levine Act also requires disclose of such contribution by a party to be awarded a specific contract.

A list of Stanislaus County Board Members can be found online at: Board of Supervisors - Stanislaus County (stancounty.com). Proposers are responsible for accessing this link to review the names prior to answering the following questions:

1. Have you, your company, or any agent on behalf of you or your company, made any political contributions of more than $250 to any Member of the Board of Supervisors for Stanislaus County, or their alternate, in the twelve (12) months preceding the date of the submission of your proposals or the anticipated date of any Board action related to this contract?

___YES __X__ NO

- If YES, please identify the person(s) or agent(s) making the contribution:
   __N/A__

- If YES, please identify the Board Member(s) / Alternate(s) receiving the contribution:
   __N/A__

2. Do you, or your company, or any agency on behalf of you or your company, anticipate or plan to make any political contribution of more than $250 to any Member of the Board of Supervisors for Stanislaus County, or their alternate, in the three (3) months following any Board action related to this contract?

___YES __X__ NO

- If YES, please identify the person(s) or agent(s) making the contribution:
   __N/A__

- If YES, please identify the Board Member(s) / Alternate(s) receiving the contribution:
   __N/A__

Answering YES to either of the above questions above does not preclude Stanislaus County from awarding a contract to your firm or any taking any subsequent action related to the contract. It does, however, preclude the identified Board Member(s) from participating in any actions related to such contract.

I HEREBY CERTIFY UNDER PENALTY OF PERJURY THAT THE ABOVE INFORMATION IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE.

Signature: *Phil Stolarski*	Date Signed: **08/23/2023**
Print Name: **PHIL STOLARSKI**	
Title: **SENIOR VICE PRESIDENT**	
Company: **WSP USA, INC.**	