

**AMENDMENT NO. 9 TO
PROFESSIONAL SERVICES AGREEMENT
CIP 13-04 BRADLEY ROAD BRIDGE DESIGN**

This is Amendment No. 9 ("Amendment No. 9") to that certain Professional Services Agreement ("Agreement") made on **September 2, 2015**, between the City of Menifee ("City") and NV5, INC ("Consultant") for **CIP 13-04 BRADLEY ROAD BRIDGE DESIGN** services as amended by that certain Amendment No. 1 to the Agreement entered into on **July 1, 2018** ("Amendment No. 1"), that certain Amendment No. 2 to the Agreement entered into on **November 6, 2019** ("Amendment No. 2"), that certain Amendment No. 3 entered into on **September 2, 2020** ("Amendment No. 3"), that certain Amendment No. 4 entered into on **June 16, 2021** ("Amendment No. 4"), that certain Amendment No. 5 made and entered into on **September 15, 2021** ("Amendment No. 5"), that certain Amendment No. 6 made and entered into on **May 4, 2022** ("Amendment No. 6"), that certain Amendment No. 7 made and entered into on **November 1, 2023** ("Amendment No. 7"), and that certain Amendment No. 8 made and entered into on **August 7, 2024** ("Amendment No. 8"), which this Amendment No. 9 is made and entered into on _____, **2025** to extend the term of services, increase the compensation amount, and augment the scope of work as indicated below:

1. Capitalized terms used but not defined in this Amendment No. 9 shall have the meanings ascribed to them in the Agreement.
2. Section 1.1, "Term of Services" is amended to read as follows:

1.1 Term of Services. The term of this Agreement shall begin on **September 2, 2015**, and shall end on **February 28, 2027**, unless the term of this Agreement is otherwise terminated or extended as provided for in Section 8. The time provided to Consultant to complete the Services required by this Agreement shall not affect City's right to terminate this Agreement, as provided for in Section 8.

3. Section 2, "Compensation" is amended to increase the maximum compensation by **SIXTY SEVEN THOUSAND EIGHT HUNDRED SEVENTY FIVE DOLLARS AND ZERO CENTS (\$67,875.00)**, and is amended to read as follows:

Section 2. COMPENSATION.

City hereby agrees to pay Consultant a sum not to exceed **ONE MILLION SIX HUNDRED TWENTY THREE THOUSAND SIX HUNDRED SIXTY SEVEN DOLLARS AND ZERO CENTS (\$1,623,667.00)** notwithstanding any contrary indications that may be contained in Consultant's proposal, for services to be performed and reimbursable costs incurred under this Agreement. In the event of a conflict between this Agreement and Exhibit A, regarding the amount of compensation, this Agreement shall prevail. City shall pay Consultant for services rendered pursuant to this Agreement at the time and in the manner set forth herein. The payments specified below shall be the only payments from City to Consultant

for services rendered pursuant to this Agreement. Consultant shall submit all invoices to City in the manner specified herein. Except as specifically authorized in advance by City, Consultant shall not bill City for duplicate services performed by more than one person.

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

SCOPE OF SERVICES

Consultant shall provide **CIP 13-04 BRADLEY ROAD BRIDGE DESIGN** services, in the amount not to exceed **ONE MILLION SIX HUNDRED TWENTY THREE THOUSAND SIX HUNDRED SIXTY SEVEN DOLLARS AND ZERO CENTS (\$1,623,667.00)** as further detailed in the following page(s).

5. All other terms and conditions of the Agreement remain in full force and effect.
6. This Amendment No. 9 may be executed in multiple counterparts, each of which shall be an original and all of which together shall constitute one agreement.

CITY OF MENIFEE

NV5, INC

Armando G. Villa, City Manager

Jeffrey M. Cooper, Senior Vice President

Attest:

MaryJo O'Brien, CAO/Secretary

Stephanie Roseen, City Clerk

Approved as to Form:

Jeffrey T. Melching, City Attorney

EXHIBIT A
SUPPLEMENT TO SCOPE OF SERVICES



April 15, 2025

Mr. Carlos E. Geronimo, PE,
Engineering Manager
Capital Improvement Projects (CIP)
City of Menifee
29844 Haun Road
Menifee, CA 92586

Subject: Request for Amendment of NV5's Existing Agreement, CIP 13-04 Bradley Bridge Design Services, dated September 2, 2015, for Additional Environmental Services, Storm Water Pollution Prevention (SWPPP) update to the latest order, and additional project management and coordination.

Dear Carlos,

NV5, Inc. (NV5) is respectfully requesting an amendment to our existing agreement with the City of Menifee (City), dated September 2, 2015, to provide additional required services as listed below.

1. **ADDITIONAL REQUIRED ENVIRONMENTAL SERVICES (DUDEK):**
 - 1.1. Continued Resource Agency Permitting Support.
 - 1.2. Phase II Preliminary Site Investigation (PSI).
 - 1.3. Task Management and Coordination.
 - 1.4. Yellow Traffic Striping (Phase II ISA - Testing) – Optional
2. **STORM WATER POLLUTION PREVENTION PLAN (SWPPP) UPDATE TO THE LATEST ADOPTED STATE WATER RESOURCES CONTROL BOARD ORDER NO.2022-0057-DWQ IN SEPTEMBER 2023 (NV5)**
3. **NV5 SUPPORT FOR SCE FACILITIES RELOCATION**
4. **ADDITIONAL PROJECT MANAGEMENT AND COORDINATION (NV5)**

SCOPE OF WORK, DELIVERABLES, SCHEDULE, FEE PROPOSAL, ASSUMPTIONS AND EXCLUSIONS:

The detailed scope of work, the corresponding deliverables, and fee proposal for each of the requested items listed above are presented below:

1. ADDITIONAL REQUIRED ENVIRONMENTAL SERVICES:

SCOPE OF WORK:

1.1. Continued Resource Agency Permitting Support.

The Nationwide Permit for the project, issued by the U.S. Army Corps of Engineers (USACE) on January 16, 2024, states that the City shall provide documentation verifying the purchase of 0.31 reestablishment credits and 0.28 rehabilitation credits from the Riverpark Mitigation Bank prior to impacts to waters of the United States. The Streambed Alteration Agreement, issued by the California Department of Fish and Wildlife (CDFW) on February 20, 2024, states that mitigation credits shall be purchased, and receipt provided to CDFW, at least 30 days prior to the initiation of project construction or within 12 months



following the start of construction if financial security is provided by way of a Letter of Credit (LOC) or other form of security approved by CDFW, for an amount sufficient to purchase 0.63 acres of streambed of streambed and riparian re-establishment through a CDFW-approved mitigation bank within Riverside County.

Based on the latest updates from the City and Riverpark, release of the mitigation bank credits is anticipated in later December 2024 or early January 2025. Drawing from this understanding and relying on these mitigation bank credits Dudek will provide support to the City in their review and finalization of the credit sales agreement, coordinating with the agencies on the submittal of the proof of purchase/sales agreement, and providing as-needed support to the City during this process. Additionally, there are a number of pre-construction permit compliance conditions the City will need to adhere to before they initiate construction in May 2025, and Dudek's support services in this context will be provided.

The cost estimate provided is predicated on the assumption that the Riverpark mitigation credits will be released and that the credits reserved, as referenced above, by the City will be issued. Following issuance of these mitigation credits, Dudek will provide as-needed coordination with the resource agencies including providing correspondence as-needed during the final permitting process. Coordination during this process may include a combination of telephone, email, and/or written correspondence. It is assumed that any potential fee required by CDFW will be communicated by Dudek to the City and ultimately provided by the City as part of these final steps.

ASSUMPTIONS:

- Any potential fee required by CDFW to process the final steps will be communicated by Dudek to the City and ultimately provided by the City as part of the amendment submittal.
- These support services do not include revising the resource agency-approved Determination of Biologically Equivalent or Superior Preservation (DBESP) report nor does it include preparing and processing a new Section 401 Water Quality Certification with the Regional Water Quality Control Board (RWQCB), as this permit was waived by the USACE in 2023.
- If these services end up being required, we will prepare a request for a contract amendment to the City under separate cover.
- As part of this task, Dudek will attend up to two (2) meetings with City staff to discuss the findings and the next steps.
- Services do not include conducting site assessments for potential permittee-responsible mitigation sites.
- Services do not include the preparation of a Habitat Mitigation and Monitoring Plan.
- These services do not include any discreet deliverables and will focus on support services only.

1.2. Phase II Preliminary Site Investigation (PSI).

The need for preparation of a Phase II (PSI) is based on the review and concurrence provided by Caltrans on September 24, 2023, and was identified as secondary efforts linked to their review and approval of the Categorical Exemption under the National Environmental Policy Act (NEPA).

In response to the letter titled Request for Phase II Preliminary Site Investigation (PSI); and ISA concurrence for Bradley Road Bridge Project from Caltrans dated September 24, 2023, Dudek will conduct a Phase II PSI to investigate the recognized environmental conditions (RECs) and environmental concerns identified in the Phase I ISA completed for the project, prepared by Dudek, revised August 2023. The Phase I ISA identified the following RECs and environmental concerns at the project site:



- Treated wood waste (TWW) in wooden signposts.
- Potential aerially deposited lead (ADL) in soils
- Accumulated sediments in culverts which may contain contaminants, such as volatile organic compounds (VOCs), total petroleum hydrocarbons (TPH), and metals.
- Hazardous materials contained within electrical equipment wastes, such as mercury switches and LED or fluorescent bulbs.
- Asbestos-containing materials (ACM) in the concrete culvert structure and construction materials.

In addition to the findings of Phase I ISA, yellow traffic striping is located within the Bradley Road right-of-way. Yellow thermoplastic traffic striping installed prior to 2005 may contain lead and chromium which, when removed, may have hazardous waste characteristics. The proposed Phase II PSI will include investigation and evaluation for all the above-mentioned RECs and environmental concerns, with the option for sampling and analysis of yellow traffic striping.

ADL and Culvert Sediment Sampling

Dudek will prepare a field sampling plan, which will include brief details of the site location and background information, sampling procedures, and a figure including ADL locations. As an optional service, as defined below, the field sampling plan and figure will also include traffic striping. Dudek assumes that the field sampling plan and figure will be reviewed by the City of Menifee and/or Caltrans and that a formal workplan will not be required. A site-specific health and safety plan will also be prepared. Dudek will conduct the sampling along the shoulder of Bradley Road within the project area for ADL and sediments from culverts within the project area.

Based on this estimated length of unpaved shoulder associated with the project, Dudek proposes the collection of soil samples for lead analysis from 6 locations. The soil samples will be collected from two depths, approximately 6 inches and 2 feet below ground surface, for a total of 12 samples. In addition to the 12 samples collected, two duplicate soil samples will also be collected for ADL, for a total of 14 samples. The samples will be analyzed by a State of California Certified Analytical Laboratory for total lead by EPA Method 6010B. If soil samples contain lead concentrations greater than 50 mg/kg, the soil samples will also be analyzed for soluble threshold limit concentration (STLC) lead. This proposal assumes that half of the 14 soil samples will require STLC analysis.

Consistent with the conclusions and findings from Phase I ISA, sediments will be collected from catch basins (if observed) and from accumulated sediments at the culvert, including 6 samples collected and analyzed for VOCs, TPH, and total metals.

Asbestos, Electrical Equipment, Treated Wood Wastes, and Optional Yellow Traffic Striping

Aurora Industrial Hygiene (Aurora) will complete an asbestos survey of the existing culvert. The survey will be limited by the number of samples collected and accessibility. This proposal includes up to 20 bulk samples for asbestos analysis. The number of samples required is determined during visual field observations. Aurora will also conduct a visual survey for treated wood waste, electrical equipment, and lead based paints above and beyond yellow traffic striping. Aurora will complete a final inventory of all identified materials.

OPTIONAL (yellow striping): In order to collect the traffic striping samples, one lane of the road will be temporarily closed. A traffic control plan will be prepared and submitted to the City. Dudek assumes City



of Menifee will obtain or issue the encroachment permit. The yellow traffic striping will be analyzed using x-ray fluorescence (XRF). Based on the XRF results up to four (4) confirmation samples will be collected from the yellow traffic striping within the project area. The traffic striping will be scraped from the roadway, placed in glass jars, and submitted to the laboratory for analysis of total lead and chromium by EPA Method 6010B. If concentrations of total lead or chromium exceed 50 mg/kg, the sample will also be analyzed for STLC. If concentrations of lead exceed 100 mg/kg, the sample may also be analyzed for toxicity characteristic leaching procedure (TCLP). This proposal assumes half of the 4 samples will be analyzed for STLC and TCLP and includes one day of XRF use.

Asbestos and traffic striping sampling is by nature destructive and will result in removal of portions of the yellow center striping. Dudek and Aurora are not responsible for repairs associated with the sampling. Written approval and responsibility for any damages related to the removal of the median striping will be requested from the City of Menifee. Dudek assumes that samples can be collected using hand tools and that no waste will be generated during the sampling process. Dudek assumes that City of Menifee will obtain the encroachment permit and cover the fees for the permit.

Preliminary Site Investigation Report

Following receipt of the analytical data and the materials sampling report, as defined above, Dudek will prepare a Preliminary Site Investigation report. The report will include the project objectives, data evaluation, summary of the findings from the bridge sampling report, discussion, conclusions, and recommendations. The draft report will be submitted to City for review. Dudek assumes that the City will also submit the report to Caltrans for review. Dudek assumes up to 2 hours for revisions based on comments from the City and preparation of a final report.

ASSUMPTIONS:

- City of Menifee will submit the Dudek prepared field sampling plan with proposed sampling locations figure to Caltrans for review. Caltrans will not require a formal work plan. If additional samples are requested, a change order would be necessary.
- Dudek will spend up to 2 hours on revisions to the field sampling plan based on City of Menifee and Caltrans comments.
- ADL samples will be collected from 6 locations at two depths (6 inches and 2 feet bgs) and analyzed for lead. Up to half of the samples will be analyzed for STLC.
- The sampling is destructive by nature and Dudek and their subcontractors are not responsible for damages to the yellow traffic striping or other materials because of the sampling.
- Up to 20 bulk samples, as defined above, will be analyzed for asbestos.
- OPTIONAL: Lead based paint in yellow traffic striping will be measured in the field using the x-ray fluorescence meter, and physical samples will be collected from up to 4 locations and analyzed for lead. Up to 2 of these samples may be analyzed for STLC/TCLP.
- OPTIONAL (yellow traffic sampling): A traffic control plan for the field sampling will be submitted to City of Menifee. City of Menifee will prepare the permit application and issue the encroachment permit. The fee for the encroachment permit is not included in this proposal.
- A draft PSI will be submitted to City of Menifee. City of Menifee will submit the report to Caltrans for review but does not expect any comments from Caltrans. Dudek will spend up to 2 hours on revisions to the report based on City of Menifee's comments.



DELIVERABLES:

- Field sampling plan memo and figure of proposed sampling locations for ADL and yellow traffic striping.
- PSI Report

1.3. Task Management, Coordination, and Meetings

Continued and effective collaboration between NV5, the City, Caltrans, and the Dudek team will be a key element in the success of the services described above. This scope of work assumes participation in up to 3 team and coordination meetings with the City and NV5. Additionally, this scope of work assumes attendance and participation in up to 2 project development team meetings with Caltrans, the City, and NV5. The Dudek project manager and up to three technical staff members will participate in these meetings virtually and/or through conference calls. This scope also includes monthly invoicing and progress reports.

1.4. Yellow Traffic Striping (Phase II ISA - Testing) – Optional

The scope of this optional task is described in Phase II Preliminary Site Investigation (PSI). The fee for this task is shown in Attachment “C” and is included in the proposed fee for additional required environmental services below.

PROPOSED FEE:

ADDITIONAL REQUIRED ENVIRONMENTAL SERVICES INCLUDING 10% MARK UP: **\$51,873.00**
(See Attachment “A” Dudek Proposal and Attachment “D” Total Fee Summary).

2. CONCEPTUAL STORM WATER POLLUTION PREVENTION PLAN (SWPPP) UPDATE TO THE LATEST ADOPTED STATE WATER RESOURCES CONTROL BOARD ORDER NO.2022-0057-DWQ IN SEPTEMBER 2023.

Previously NV5 had prepared a Storm Water Pollution Prevention Plan (SWPPP), dated February of 2021, for this project in compliance with the State’s Construction General Permit (CGP) Order No. 2009-0009-DWQ. The City has requested that NV5 update the original SWPPP for compliance with the State Water Resources Control Board adopted new Order (Order No.2022-0057-DWQ) that took effect in September 2023. It is our understanding that NV5’s SWPPP will be part of the bid documents as a “Draft SWPPP” and that the Contractor will be required to prepare their own SWPPP prior to start of construction.

SCOPE OF WORK:

TASK 1. CONCEPTUAL SWPPP PREPARATION

NV5 will prepare an updated SWPPP for the project based on the current 2022 CGP. We will transfer as much information as possible from the 2021 SWPPP to the new updated SWPPP. The new updated SWPPP will be prepared by a QSD and will follow the October 2024 California Storm Water Quality Association (CASQA) SWPPP template as a basis for preparing the SWPPP. The updated SWPPP text will include information on potential pollutants from the site as well as sampling and monitoring requirements during construction. The updated SWPPP will include Water Pollution Control Plans (WPCPs) that will document all Best Management Practices (BMPs) to be installed prior to the start of construction. BMPs will typically include fiber rolls, storm drain inlet protection, silt fencing, slope stabilization, etc. The WPCPs will depict only a snapshot of the required BMPs at the start of construction. It is our understanding that the Contractor will utilize NV5’s updated SWPPP to



prepare the Construction SWPPP and that the Contractor will provide their own QSP. We will use the project grading and drainage plans as base maps for preparation of our WPCPs. Our fee includes time to respond to one round of comments from the City. NV5 will transmit all documents in pdf format to the City.

DELIVERABLES:

NV5 will prepare an updated copy of the conceptual SWPPP document to be submitted in pdf format via email or ftp site to the City.

SCHEDULE:

We anticipate that it will take approximately one week after receipt of the City's notice to proceed to update the SWPPP document and submit it to the City.

PROPOSED FEE:

NV5 proposes to update the CONCEPTUAL SWPPP
(please see Attachment "B")

\$4,500.00

ASSUMPTIONS AND EXCLUSIONS:

The fees and scope descriptions for item 2 above were provided based on the assumption that the selected contractor will provide the final SWPPP document, and the following Exclusions:

- Fees associated with submitting and renewing the NOI.
- Updating Risk Level calculations.
- Annual reporting to the Regional Board.
- Inspections and sampling by a Qualified SWPPP Practitioner (QSP) as required by the SWPPP's Monitoring Program.
- Preparing the Notice of Termination (NOT) and accompanying documentation.
- Any changes made necessary by plan checks or changes in site conditions (SWPPP Amendments), and soil monitoring and/or reporting.

3. NV5 SUPPORT FOR SCE FACILITIES RELOCATION

The scope of this work includes supporting the SCE conduit for relocation of four (4) 5-inch electrical conduits through the proposed brig cell. This work required meetings with SCE and City PM to discuss SCE's plan, review their proposed drawings, and prepare an addendum for bidders due to the timing of this request. **See Attachment "C."**

FEE:

\$5,331.00

4. ADDITIONAL PROJECT MANAGEMENT AND COORDINATION (NV5)

The scope of this task includes NV5 (prime consultant) coordination and management of the work being performed under required services number 1, and number 2 as listed above, by Dudek and NV5 water quality Team. This task will also include coordination with the city PM.

PROPOSED FEE:

NV5's proposed fee on a time and materials basis for item 3 is estimated to be 10% of the total effort by Dudek and NV5 Water Quality Team. The proposed fee is
(please see Attachment "D")

\$6,171.00



Total Requested Amendment Fee Summary: The Table below shows the estimated fee summary for the required services as described above. (please see attachment "D")

Required Services	Proposed Fee
1. ADDITIONAL REQUIRED ENVIRONMENTAL SERVICES	
1.1 Continued Resource Agency Permitting Support *	\$ 6,512.00
1.2 Phase II preliminary Site Investigation (PSI) *	\$28,144.00
1.3 Project Management, Coordination, and Meetings (Dudek) *	\$7,172.00
1.4 Optional Service - Yellow Traffic Striping (Phase II ISA - Testing) *	\$10,045.00
2. STORM WATER POLLUTION PREVENTION PLAN (SWPPP) UPDATE	\$4,500.00
3. NV5 SUPPORT FOR SCE FACILITIES RELOCATION	\$5,331.00
4. ADDITIONAL PROJECT MANAGEMENT AND COORDINATION (NV5)	\$6,171.00
Grand Total Fee	\$67,875.00

*- This amount includes 10% mark up.

If you have any questions or require additional information, please call Darab Bouzarjomehri at (760) 580-8159, or Jack Abcarius at (858) 705-2430. Upon approval of this request, NV5 will begin performing the work described in this amendment immediately after receiving the notice-to-proceed. We look forward to your response and our continued involvement in this project.

Sincerely,
NV5

Darab Bouzarjomehri, PE
Engineering Manager

Mark Weaver, PE, SE
Transportation Director

Attachments: Attachment "A"
Attachment "B"
Attachment "C"
Attachment "D"

ATTACHMENT "A"

March 12, 2025

Darab Bouzarjomehri, PE, Engineering Manager
NV5
15092 Avenue of Science, Suite 200
San Diego, CA 92128

Subject: Contract Amendment Authorization Request for the Bradley Road Bridge Project, City of Menifee, California

Dear Mr. Bouzarjomehri:

Dudek is requesting a change order to provide additional services across two ongoing and required topics, including 1. Continue Resource Agency Permitting Support and 2. Phase II Preliminary Site Investigation (PSI). The need for preparation of a Phase II PSI was based on the review and concurrence provided by Caltrans on September 24, 2023, and was identified as secondary efforts linked to their review and approval of the Categorical Exemption under the National Environmental Policy Act (NEPA). The attached scope of services and fee estimate provides a detailed description of the work to be performed and the corresponding assumptions and deliverables.

Thank you for the continued opportunity to serve as a member of the NV5 team for this important project. Please contact me at (760) 479-4108 or by email at jreynolds@dudek.com if you have any questions or comments regarding this request.

Sincerely,

A handwritten signature in black ink, reading "Jason Reynolds". The signature is fluid and cursive, with the first name "Jason" and last name "Reynolds" clearly distinguishable.

Jason Reynolds
Transportation Practice Director

cc: Tricia Wotipka, Dudek
Audrey Herschberger, Dudek

1. Continued Resources Agency Permitting Support

The Nationwide Permit for the project, issued by the U.S. Army Corps of Engineers (USACE) on January 16, 2024, states that the City shall provide documentation verifying the purchase of 0.31 reestablishment credits and 0.28 rehabilitation credits from the Riverpark Mitigation Bank prior to impacts to waters of the United States. The Streambed Alteration Agreement, issued by the California Department of Fish and Wildlife (CDFW) on February 20, 2024, states that mitigation credits shall be purchased, and receipt provided to CDFW, at least 30 days prior to the initiation of project construction or within 12 months following the start of construction if financial security is provided by way of a Letter of Credit (LOC) or other form of security approved by CDFW, for an amount sufficient to purchase 0.63 acres of streambed of streambed and riparian re-establishment through a CDFW-approved mitigation bank within Riverside County.

Based on the latest updates from the City and Riverpark, release of the mitigation bank credits is anticipated in later December 2024 or early January 2025. Drawing from this understanding and relying on these mitigation bank credits Dudek will provide support to the City in their review and finalization of the credit sales agreement, coordinating with the agencies on the submittal of the proof of purchase/sales agreement, and providing as-needed support to the City during this process. Additionally, there are a number of pre-construction permit compliance conditions the City will need to adhere to before they initiate construction in May 2025, and Dudek's support services in this context will be provided.

The cost estimate provided is predicated on the assumption that the Riverpark mitigation credits will be released and that the credits reserved, as referenced above, by the City will be issued. Following issuance of these mitigation credits, Dudek will provide as-needed coordination with the resource agencies including providing correspondence as-needed during the final permitting process. Coordination during this process may include a combination of telephone, email, and/or written correspondence. It is assumed that any potential fee required by CDFW will be communicated by Dudek to the City and ultimately provided by the City as part of these final steps.

Assumptions:

- Any potential fee required by CDFW to process the final steps will be communicated by Dudek to the City and ultimately provided by the City as part of the amendment submittal.
- These support services do not include revising the resource agency-approved Determination of Biologically Equivalent or Superior Preservation (DBESP) report nor does it include preparing and processing a new Section 401 Water Quality Certification with the Regional Water Quality Control Board (RWQCB), as this permit was waived by the USACE in 2023.
- If these services end up being required, we will prepare a request for a contract amendment to the City under a separate cover.
- As part of this task, Dudek will attend up to two (2) meetings with City staff to discuss the findings and next steps.
- Services do not include conducting site assessments for potential permittee-responsible mitigation sites.
- Services do not include the preparation of a Habitat Mitigation and Monitoring Plan.
- These services do not include any discreet deliverables and will focus on support services only.

2. Phase II – Preliminary Site Investigation

In response to the letter titled Request for Phase II Preliminary Site Investigation (PSI); and ISA concurrence for Bradley Road Bridge Project from Caltrans dated September 24, 2023, Dudek will conduct a Phase II PSI to investigate the recognized environmental conditions (RECs) and environmental concerns identified in the Phase I ISA completed for the project, prepared by Dudek, revised August 2023. The Phase I ISA identified the following RECs and environmental concerns at the project site:

- Treated wood waste (TWW) in wooden signposts.
- Potential aerially deposited lead (ADL) in soils
- Accumulated sediments in culverts which may contain contaminants, such as volatile organic compounds (VOCs), total petroleum hydrocarbons (TPH), and metals.
- Hazardous materials contained within electrical equipment wastes, such as mercury switches and LED or fluorescent bulbs.
- Asbestos-containing materials (ACM) in the concrete culvert structure and construction materials.

In addition to the findings of the Phase I ISA, yellow traffic striping is located within the Bradley Road right-of-way. Yellow thermoplastic traffic striping installed prior to 2005 may contain lead and chromium which, when removed, may have hazardous waste characteristics. The proposed Phase II PSI will include investigation and evaluation for all of the above-mentioned RECs and environmental concerns, with the option for sampling and analysis of yellow traffic striping.

ADL and Culvert Sediment Sampling

Dudek will prepare a field sampling plan, which will include brief details of the site location and background information, sampling procedures, and a figure including ADL locations. As an optional service, as defined below, the field sampling plan and figure will also include traffic striping. Dudek assumes that the field sampling plan and figure will be reviewed by the City of Menifee and/or Caltrans and that a formal workplan will not be required. A site-specific health and safety plan will also be prepared. Dudek will conduct the sampling along the shoulder of Bradley Road within the project area for ADL and sediments from culverts within the project area.

Based on this estimated length of unpaved shoulder associated with the project, Dudek proposes the collection of soil samples for lead analysis from 6 locations. The soil samples will be collected from two depths, approximately 6 inches and 2 feet below ground surface, for a total of 12 samples. In addition to the 12 samples collected, two duplicate soil samples will also be collected for ADL, for a total of 14 samples. The samples will be analyzed by a State of California Certified Analytical Laboratory for total lead by EPA Method 6010B. If soil samples contain lead concentrations greater than 50 mg/kg, the soil samples will also be analyzed for soluble threshold limit concentration (STLC) lead. This proposal assumes that half of the 14 soil samples will require STLC analysis.

Consistent with the conclusions and findings from the Phase I ISA, sediments will be collected from catch basins (if observed) and from accumulated sediments at the culvert, including 6 samples collected and analyzed for VOCs, TPH, and total metals.

Asbestos, Electrical Equipment, Treated Wood Wastes, and Optional Yellow Traffic Striping

Aurora Industrial Hygiene (Aurora) will complete an asbestos survey of the existing culvert. The survey will be limited by the number of samples collected and accessibility. This proposal includes up to 20 bulk samples for asbestos analysis. The number of samples required is determined during visual field observations. Aurora will also conduct a visual survey for treated wood waste, electrical equipment, and lead based paints above and beyond yellow traffic striping. Aurora will complete a final inventory of all identified materials.

OPTIONAL (yellow striping): In order to collect the traffic striping samples, one lane of the road will be temporarily closed. A traffic control plan will be prepared and submitted to the City. Dudek assumes City of Menifee will obtain or issue the encroachment permit. The yellow traffic striping will be analyzed using x-ray fluorescence (XRF). Based on the XRF results up to four (4) confirmation samples will be collected from the yellow traffic striping within the project area. The traffic striping will be scraped from the roadway, placed in glass jars, and submitted to the laboratory for analysis of total lead and chromium by EPA Method 6010B. If concentrations of total lead or chromium exceed 50 mg/kg, the sample will also be analyzed for STLC. If concentrations of lead exceed 100 mg/kg, the sample may also be analyzed for toxicity characteristic leaching procedure (TCLP). This proposal assumes half of the 4 samples will be analyzed for STLC and TCLP and includes one day of XRF use.

Asbestos and traffic striping sampling is by nature destructive and will result in removal of portions of the yellow center striping. Dudek and Aurora are not responsible for repairs associated with the sampling. Written approval and responsibility for any damages related to the removal of the median striping will be requested from the City of Menifee. Dudek assumes that samples can be collected using hand tools and that no waste will be generated during the sampling process. Dudek assumes that City of Menifee will obtain the encroachment permit and cover the fees for the permit.

Preliminary Site Investigation Report

Following receipt of the analytical data and the materials sampling report, as defined above, Dudek will prepare a Preliminary Site Investigation report. The report will include the project objectives, data evaluation, summary of the findings from the bridge sampling report, discussion, conclusions, and recommendations. The draft report will be submitted to City for review. Dudek assumes that the City will also submit the report to Caltrans for review. Dudek assumes up to 2 hours for revisions based on comments from the City and preparation of a final report.

Assumptions:

- City of Menifee will submit the Dudek prepared field sampling plan with proposed sampling locations figure to Caltrans for review. Caltrans will not require a formal work plan. If additional samples are requested; a change order would be necessary.
- Dudek will spend up to 2 hours on revisions to the field sampling plan based on City of Menifee and Caltrans comments.
- ADL samples will be collected from 6 locations at two depths (6 inches and 2 feet bgs) and analyzed for lead. Up to half of the samples will be analyzed for STLC.
- The sampling is destructive by nature and Dudek and their subcontractors are not responsible for damages to the yellow traffic striping or other materials as a result of the sampling.
- Up to 20 bulk samples, as defined above, will be analyzed for asbestos.

- OPTIONAL (yellow traffic striping): Lead based paint in yellow traffic striping will be measured in the field using the x-ray fluorescence meter, and physical samples will be collected from up to 4 locations and analyzed for lead. Up to 2 of these samples may be analyzed for STLC/TCLP.
- OPTIONAL (yellow traffic striping): A traffic control plan for the field sampling will be submitted to City of Menifee. City of Menifee will prepare the permit application and issue the encroachment permit. The fee for the encroachment permit is not included in this proposal.
- A draft PSI will be submitted to City of Menifee. City of Menifee will submit the report to Caltrans for review but does not expect any comments from Caltrans. Dudek will spend up to 2 hours on revisions to the report based on City of Menifee's comments.

Deliverables:

- Field sampling plan memo and figure of proposed sampling locations for ADL and yellow traffic striping.
- PSI Report

3. Project Management, Coordination, and Meetings

Continued and effective collaboration between NV5, the City, Caltrans, and the Dudek team will be a key element in the success of the services described above. This scope of work assumes participation in up to 3 team and coordination meetings with the City and NV5. Additionally, this scope of work assumes attendance and participation in up to 2 project development team meetings with Caltrans, the City, and NV5. The Dudek project manager and up to three technical staff members will participate in these meetings virtually and/or through conference calls. This scope also includes monthly invoicing and progress reports.



NV5
 14530 (Bradley Road Bridge NEPA Analysis) - Permitting Support/Phase II PSI Amendment
 DUDEK FEE ESTIMATE
 3/12/2025

Dudek Labor Hours and Rates													
Project Team Role:	Project Director/Environmental	Senior Specialist IV	Principal Hydrogeologist/Engineer III	Staff Hydrogeologist I/Engineer I	Staff Hydrogeologist III/Engineer III	GIS Analyst III	Technical Editor III	Publications Specialist III					
	Team Member:			Audrey Herschberger	Desiree Otillo	GIS Analyst III	Technical Editor III	Publications Specialist III	TOTAL DUDEK HOURS	DUDEK LABOR COSTS	OTHER DIRECT COSTS	TOTAL FEE	
	Billable Rate:	\$285.00	\$245.00	\$310.00	\$225.00	\$195.00	\$150.00	\$150.00	\$115.00				
Task 1	Continued Resource Agency Permitting Support	2	20				3			25	\$5,920.00		\$5,920.00
Task 2	Phase II - Preliminary Site Investigation	6		6	14	46	6	4	2	84	\$17,420.00	\$8,165.00	\$25,585.00
Task 4	Project Management, Coordination, and Monitoring	16	8							24	\$6,520.00		\$6,520.00
	Total Hours	24	28	6	14	46	9	4	2	133			
	Total	\$6,840.00	\$6,860.00	\$1,860.00	\$3,150.00	\$8,970.00	\$1,350.00	\$600.00	\$230.00		\$29,860.00	\$8,165.00	\$38,025.00
Optional Services													
Task 5	Yellow Traffic Striping (Phase II ISA - Testing)											\$9,131.00	\$9,131.00
	Total Optional + Base Hours and Fee	24	28	6	14	46	9	4	2	133	\$29,860.00	\$17,296.00	\$47,156.00



Other Direct Costs				
Task	Item Description	Number of Units	Unit Cost	Cost
2 - Phase II - Preliminary Site Investigation	Aurora Subconsultant	1	\$5,031.00	\$5,031.00
2 - Phase II - Preliminary Site Investigation	Lab	1	\$3,134.00	\$3,134.00
5 - Yellow Traffic Striping (Phase II ISA - Testing)	Yellow Traffic Striping (Testing)	1	\$9,131.00	\$9,131.00

Attachment "B"

**Bradley Road Bridge
City of Menifee - SWPPP Updates
Fee Estimate**

15-Apr-25

PROJECT TASKS Hourly Rate	NV5 PERSONNEL HOURS		Hours	Totals (\$)
	Senior Project Manager \$273.00	Assistant Engineer \$162.00		
Task 1 Preparation of SWPPP				
Prepare DRAFT SWPPP document and Exhibits on 2022 Template	7	14.5	21.5	\$4,260
Final Review	1		1	\$273
<i>Task 1 Sub Total</i>	8	14.5	22.5	\$4,533
Total Fee				\$4,533.00

Use \$4,500 for Fix Fee

Attachment "C"

Bradley Road Bridge
 SCE Support for 4 - 5" Conduit Relocation into the Bridge Cell
 April 15, 2025

NV5

Date	Phase	Task	Category/Description	Name	Hours	Rate	Invoice Amount	Extension	Comment
1/22/2025	02	01	Senior Cadd Technician/Designer	Dodge, Steve	9	166	1494		1494 Bradley Road Bridge Data 1 SEO revision
1/23/2025	02	01	Senior Cadd Technician/Designer	Dodge, Steve	1	166	166		166 Bradley Road Bridge Data 1 SEO revision - coordination
1/27/2025	02	01	Senior Cadd Technician/Designer	Dodge, Steve	1	166	166		166 Revised SCE Data 1 plans
1/30/2025	02	01	Senior Cadd Technician/Designer	Dodge, Steve	1	166	166		166 Revised SCE Data 1 plans
2/21/2025	02	01	Senior Project Manager	Miller, James	0.5	285	142.5		142.5
1/22/2025	02	03	Eng/Plan Manager	Abcarius, Jack	1	329	329		329 Confirm with Carlos that SCE conduits will be in 4th call of the bridge; coordinate with Steve to start making the modifications to the sheets.
1/23/2025	02	03	Eng/Plan Manager	Abcarius, Jack	1	329	329		329 Review additional specs for SCE Line
1/24/2025	02	03	Eng/Plan Manager	Abcarius, Jack	0.75	329	246.75		246.75 Begin Review Plan changes from Steve due to SCE conduit relocation into bridge cell.
1/27/2025	02	03	Eng/Plan Manager	Abcarius, Jack	1.5	329	493.5		493.5 Coordination on the SCE conduit into the bridge, will also be using one of the openings in the sidewalks to accommodate the bridge lighting.
1/29/2025	02	03	Eng/Plan Manager	Abcarius, Jack	1	329	329		329 Review changes made by Steve; provide my comments; check with electrical engineer re. status of his revisions.
1/31/2025	02	03	Eng/Plan Manager	Abcarius, Jack	1	329	329		329 Coordinate with electrical engineer and Steve; Review latest revisions, and send to Carlos.
2/24/2025	02	03	Senior Project Manager	Bouza/jomehi, Darab	1.5	285	427.5		427.5 0.5 Hr. Meeting with Carlos, Usiel and dean from SCE to discuss the electrical conduits vs. Gas line and the bridge opening. 1 hour Coordination with SCE,
2/26/2025	02	03	Senior Project Manager	Bouza/jomehi, Darab	2	285	570		570 Received and reviewed the request for information from Usiel at SCE. Coordinated with Usiel on the phone. Prepared a response, reviewed it with Mark; Prepared a final response and submitted it to Usiel and Carlos.
4/8/2025	02	03	Senior Project Manager	Bouza/jomehi, Darab	0.5	285	142.5		142.5 Coordinated with Phil T. (PA on the information needed for Time spent on assisting SCE.
TOTAL					23		\$ 5,330.75		

Attachment "D"

**Bradley Road Bridge
City of Menifee - Total Estimated Requested Amendment Fee Summary**

April 15, 2025

Required Services	DUDEK Proposed FEE (\$)	DUDEK Proposed ODC (\$)	DUDEK Total Proposed FEE (\$)	DUDEK Proposed Fee Plus 10% Mark up (\$)	NV5 Proposed Fee (\$)	Total Amendment FEE (\$)
1. ADDITIONAL REQUIRED ENVIRONMENTAL SERVICES						
1.1 Continued Resource Agency Permitting Support *	\$5,920.00		\$5,920.00	\$6,512.00		\$6,512.00
1.2 Phase II - preliminary Site Investigation (PSI) *	\$17,420.00	\$8,165.00	\$25,585.00	\$28,144.00		\$28,144.00
1.3 Project Management, Coordination, and Meetings (Dudek) *	\$6,520.00		\$6,520.00	\$7,172.00		\$7,172.00
1.4 Optional Service - Yellow Traffic Striping (Phase II ISA - Testing) *		\$9,131.00	\$9,131.00	\$10,045.00		\$10,045.00
2. STORM WATER POLLUTION PREVENTION PLAN (SWPPP) UPDATE					\$4,500.00	\$4,500.00
3. NV5 SUPPORT FOR SCE FACILITIES RELOCATION					\$5,331.00	\$5,331.00
3. ADDITIONAL PROJECT MANAGEMENT AND COORDINATION (NV5)					\$6,171.00	\$6,171.00
Grand Total Fee	\$29,860.00	\$17,296.00	\$47,156.00	\$51,873.00	\$16,002.00	\$67,875.00