



Sonoma-Marin Area Rail Transit
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GENERAL MANAGER

Eddy Cumins

August 19, 2026

Sonoma- Marin Area Rail Transit Board of Directors
5401 Old Redwood Highway, Suite 200
Petaluma, CA 94954

SUBJECT: Adopt Resolution 2026-28 authorizing the General Manager to execute Funding Agreement No. FN-OT-26-002 with the City of Healdsburg

Dear Board Members:

RECOMMENDATIONS:

Adopt Resolution 2026-28 authorizing the General Manager to execute Funding Agreement No. FN-OT-26-002 with the City of Healdsburg to design utility infrastructure as part of SMART's Progressive Design-Build Healdsburg Extension Project under its Phase I Agreement No. CV-DB-25-001.

SUMMARY:

The City of Healdsburg ("City") has requested that SMART include the design of upgrades to City infrastructure as part of the Progressive Design-Build Healdsburg Extension Project. This Funding Agreement will provide for the development of 65% level design of sewer and water main work in and around the SMART track. This design will be fully funded by the City of Healdsburg in an amount of \$141,285.61.

BACKGROUND:

SMART in conjunction with its Progressive Design-Build Entity ("PDBE"), Stacy and Witbeck/Herzog, A Joint Venture ("SWH") is developing construction documents for the Healdsburg Extension Project under the Progressive Design-Build Phase I Agreement No. CV-DB-25-001. The City of Healdsburg has requested that SMART include the design of City utilities at several locations in its Progressive Design-Build Phase I Agreement No. CV-DB-25-001. Specifically, the City would like SMART and SWH to design an 8-inch sewer main from Hudson Street to Ward Street, add a steel casing beneath the SMART tracks along Front Street for a future water line, and develop support connections for a future water line on the new Russian River railroad bridge. This work is being advanced to a 65% design level to be consistent with SMART's work included in the Phase I Agreement No. CV-DB-25-001. The City, through the Funding Agreement, will pay for the design of their facilities in an amount of \$141,285.61. Final design and construction of the improvements is anticipated to be added to the contract in the future.

SMART is supportive of assisting the City with their work. Combining work into a single contract typically realizes benefits from economies of scale and minimizes disruptions to the public. SMART has implemented work for many municipalities over the years as we have constructed the rail and pathway system.

FISCAL IMPACT: All costs associated with this work will be paid for by the City of Healdsburg.

Sincerely,

/s/

Bill Gamlen, P.E.
Chief Engineer

Attachments: 1.) Resolution 2026-28
 2.) Funding Agreement No. FN-OT-26-002

RESOLUTION OF THE BOARD OF DIRECTORS OF THE SONOMA-MARIN AREA RAIL TRANSIT DISTRICT (“DISTRICT”) AUTHORIZING THE GENERAL MANAGER TO ENTER INTO FUNDING AGREEMENT NO. FN-OT-26-002 WITH THE CITY OF HEALDSBURG (“CITY”) FOR DESIGNING CITY IMPROVEMENTS AS PART OF THE HEALDSBURG EXTENSION PROJECT

WHEREAS, the District is developing construction documents for the Healdsburg Extension Project under its Progressive Design-Build Phase I Agreement No. CV-DB-25-001; and

WHEREAS, the City has requested the District to prepare 65% level design documents for sewer and water facility upgrades within SMART’s right-of-way; and

WHEREAS, the City and the District agree that it makes sense to combine the work into SMART’s Progressive Design-Build Healdsburg Extension Phase I Agreement No. CV-DB-25-001 to improve coordination within District’s Right-of-Way; and

WHEREAS, the City has agreed with a price proposal from the District’s Healdsburg Extension Progressive Design-Build Entity (“PDBE”), Stacy and Witbeck/Herzog, A Joint Venture, for the design of the City’s water and sewer improvements; and

WHEREAS, this Funding Agreement No. FN-OT-26-002 establishes that the District, through its Progressive Design-Build Phase I Agreement, will design the City’s water and sewer utility infrastructure in the amount of \$141,285.61; and

WHEREAS, the estimated cost of design does not represent a maximum not-to-exceed amount and City is responsible for all costs associated with the City’s share of the project, including if costs exceed the estimated amount; and

NOW, THEREFORE, BE IT RESOLVED THAT THE BOARD OF DIRECTORS OF SMART HEREBY FINDS, DETERMINES, DECLARES, AND ORDERS AS FOLLOWS:

1. The foregoing Recitals are true and correct and are incorporated herein and form a part of this Resolution.
2. The General Manager is authorized to execute Funding Agreement No. FN-OT-26-002 with the City of Healdsburg upon terms and conditions substantially similar to the attached draft part of SMART’s Progressive Design-Build Healdsburg Extension Project.

Resolution No. 2026-28
Sonoma-Marin Area Rail Transit District
August 19, 2026

PASSED AND ADOPTED at a regular meeting of the Board of Directors of the Sonoma-Marin Area Rail Transit District held on the 19th day of August, 2026, by the following vote:

DIRECTORS:

AYES:

NOES:

ABSENT:

ABSTAIN:

Chris Coursey, Chair, Board of Directors
Sonoma-Marin Area Rail Transit District

ATTEST:

Kyreen Jorgensen, Clerk of the Board of Directors
Sonoma-Marin Area Rail Transit District

**FUNDING AGREEMENT
BETWEEN
SONOMA-MARIN AREA RAIL TRANSIT DISTRICT AND CITY OF HEALDSBURG
FOR
DESIGN OF CITY UTILITIES**

THIS FUNDING AGREEMENT ("Agreement") is entered into as of _____, 2026, by and between the **SONOMA-MARIN AREA RAIL TRANSIT DISTRICT** ("SMART" or "District"), a public entity duly established under the laws of California, and the **CITY OF HEALDSBURG**, a California municipal subdivision ("CITY"), collectively (the "Parties").

RECITALS

- A. The SMART rail corridor, historically known as the Northwestern Pacific Railroad Authority (NWPRA), generally parallels Highway 101 running north-south in Sonoma and Marin Counties. The corridor is owned by the District from Milepost (MP) 89.0 in Cloverdale southward to MP 11.4 in Corte Madera;
- B. District has completed California Environmental Quality Act (CEQA) review and designed and constructed a passenger rail service, stations and accompanying multi-use path along an approximately 48-mile existing rail corridor, which will eventually be extended 70-miles from Cloverdale in Sonoma County, California, to Larkspur, Marin County, California (the "SMART Rail and Pathway Project");
- C. CITY has requested SMART, through its Progressive Design-Build Phase I Agreement No. CV-DB-25-001 with Stacy and Witbeck/Herzog, A Joint Venture to develop a 65% design for the Hudson Street to Ward Street Sewer Replacement Project, Front Street Water Main Casing, and accommodation for the Russian River Rail Bridge Waterline ("CITY Project");
- D. At the request of the CITY, the District is agreeable to include development of a 65% design of the CITY Project through District's Progressive Design-Build Phase I Agreement No. CV-DB-25-001 ("CITY Design Work"). The cost proposal is documented in Exhibit A and the detailed scope of work is documented in Exhibit C which are incorporated and included as part of this Agreement;
- E. CITY shall be responsible for preparing and documenting environmental clearances for CITY Project;
- F. CITY is committed to paying for the full cost and expense of the entire CITY Project, including CITY Design Work;
- G. The parties desire to enter into this Agreement so that the CITY's Project can be designed as a separate stand-alone City Project, at the City's sole cost and expense;
- H. CITY through this Agreement has agreed to pay for all costs for the development of a 65% design of the CITY Project, currently estimated to be \$141,285.61;
- I. Upon completion of the 65% design, the District and CITY anticipate revising this funding agreement or entering into a new funding agreement to complete final design and construction of the CITY Project at CITY cost;

- J. CITY understands and agrees to enter into a separate License Agreement with the District for the use of the District's right-of-way for CITY's Project utility improvements.

AGREEMENT

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, CITY and District agree as follows:

1. RECITALS

- A. The above recitals are true and correct and are hereby incorporated in and expressly form a part of this Agreement.

2. COORDINATION

- A. CITY shall coordinate the CITY Design Work with District's Chief Engineer or his designee. District's and CITY's Representative for purposes of this Agreement shall be:

District	CITY
Bill Gamlen	Clay Thistle
Chief Engineer Sonoma Marin Area Rail Transit (SMART) 5401 Old Redwood Highway, Suite 200 Petaluma, California 94954	Principal Engineer City of Healdsburg 401 Grove Street Healdsburg, CA 95448
Phone: 707.794.3330	Phone: (707) 431-3391
Email: bgamlen@sonomamarintrain.org	Email: cthistle@healdsburg.gov

3. SCOPE OF WORK

- A. CITY Design Work: The District's Progressive Design-Build Entity will develop a 65% design for an 8" sewer main with connecting laterals and manholes at connection points from Hudson Street to Ward Street, a steel casing under SMART's tracks on Front Street for a future 16" water main line, and connection details for a water line to be supported on the Russian River Rail Bridge.

The cost proposal is documented in Exhibit A and the detailed scope of work is documented in Exhibit C which are incorporated and included as part of this Agreement.

4. DISTRICT'S RESPONSIBILITIES

District agrees to perform the following:

- A. Contract Administration: District will include the CITY Design Work in District's Progressive Design-Build Phase I Agreement No. CV-DB-25-001. District shall administer the contract for the CITY Design Work at CITY's expense.
- B. Design: District shall direct its Progressive Design-Build Entity to develop 65 percent designs for the City Project.
- C. Procurement: District has procured its Progressive Design-Build Phase I Agreement No. CV-DB-25-001, in compliance with California Public Contract Code § 22180 *et seq.* under the District's progressive design-build authority. All costs for which District anticipates reimbursement in accordance with the terms hereof ("Project Costs") are attached hereto as Exhibit B. As set forth in section 5I, below, the parties hereto understand and agree that at the time of the execution of this Agreement, the estimated cost of the City Project is \$141,285.61, as shown in Exhibit B.

5. CITY'S RESPONSIBILITIES

CITY agrees to perform the following:

- A. Environmental Documentation: District has previously completed California Environmental Quality Act (CEQA) review for the construction of a passenger rail system, accompanying Stations and ancillary multi-use path. CITY is responsible for any environmental clearance or permitting needed for the CITY Project.
- B. Contract: The CITY agrees that the City's Project will be incorporated into the District's Progressive Design-Build Phase I Agreement No. CV-DB-25-001 "Healdsburg Extension Project" as an Amendment to the Phase I Agreement.
- C. Changes: The CITY shall be responsible for all costs resulting from changes initiated by the CITY.
- D. City Review of Project Documents: The CITY shall promptly review all design details and will have 14 calendar days to review and respond to submittals from the District related to the CITY's Project. If no comments are received within 14 calendar days, the documents and design details will be deemed approved by CITY.
- E. Site Access: City shall issue an encroachment permit and any other required permits at no cost for District and District's Progressive Design-Build Entity to access the CITY's property as necessary for the CITY Design Work.
- F. Payment:
 - i. The CITY is responsible for all costs associated with the CITY Design Work, including but not limited to, engineering, design, permitting, mitigation, environmental remediation, project management, inspection and administration and unanticipated costs that may arise as a result of

implementing the CITY Design Work. The parties hereto understand and agree that at the time of the execution of this Agreement, the estimated cost of the City Design Work is \$141,285.61, as shown in Exhibit B. This amount does not represent a "cap" on costs for the CITY's Design Work. The City shall commit contingency funds in the amount of ten (10) percent of the cost for unknowns, differing site conditions, inconsistencies in the documents, and other unexpected conditions. CITY shall be responsible for all the remaining costs of design and constructing the CITY Project.

- ii. CITY shall remit to District upon execution of this agreement the amount identified in Exhibit B less contingency.

6. ADDITIONAL REQUIREMENTS

- A. Amendments to Agreement: This Agreement may be amended only by the mutual written consent of both parties.
- B. Indemnification: CITY shall indemnify, fully defend, hold harmless and release District, its officers, agents and employees, from and against any judgment, awards, claims, loss, damages causes of action, liability, regulatory proceedings, penalties, fines, costs or expense (including attorneys' fees and cost) of any nature caused by any acts or omissions or negligence of CITY or CITY's failure to fulfill its obligations under the Agreement.
- C. Termination: Either party may terminate this Agreement by giving 30-days prior written notice to the other party, in the manner described in Section 6.D of this Agreement of its intent to terminate. In the event of termination, CITY shall pay District for all expenses associated with the proportion of work completed as of the termination date and any additional payments, (including but not limited to any additional cost, loss profit, claims or liability due to District's Progressive Design-Build Entity and its subcontractors pursuant to the terms and conditions of District's Phase I Agreement No. CV-DB-25-001 as a result of the CITY's termination.
- D. Notice: Unless otherwise requested by a party, all notices, demands, requests, consents or other communications which may be or are required to be given by either party to the other shall be in writing and shall be deemed effective upon service. Notices shall be deemed to have been properly given when served on the party to whom the same is to be given by hand delivery or by deposit in the United States mail addressed to the party as follows:

District: Bill Gamlen, P.E
Chief Engineer
Sonoma-Marin Area Rail Transit District
5401 Old Redwood Highway
Petaluma, CA 94954

City: Jeff Kay
City Manager
City of Healdsburg
401 Grove Street
Healdsburg, CA 95448

When a notice is given by a generally recognized overnight courier service, the notice, invoice or payment shall be deemed received on the next business day. When a notice or payment is sent via United States Mail, it shall be deemed received seventy-two (72) hours after deposit in the United States Mail, registered or certified, return receipt requested, with the postage thereon fully prepaid. In all other instances, notices, and payments shall be effective upon receipt by the recipient. Changes may be made in the names and addresses of the person to whom notices are to be given by giving notice pursuant to this paragraph.

- E. Governing Law: This Agreement shall be governed by and construed in accordance with the laws of the State of California. Venue shall be the County of Sonoma.
- F. Integration Clause: Entire Agreement & Modification: This Agreement constitutes the complete expression of the agreement between District and CITY with regard to the subject matter hereof, and supersedes all prior agreements, oral or written, proposals, and all other communications between District and CITY related to the subject matter hereof, which are not fully expressed in this Agreement. The parties intend this Agreement to be an integrated agreement. Any modification of or addition to this Agreement must be in writing signed by both Parties. Notwithstanding the foregoing, CITY acknowledges and understands that the Parties will need to enter into a separate License Agreement for the presence of CITY's utilities within SMART's right-of-way.
- G. Authority to Sign: The undersigned hereby represent and warrant that he or she has authority to execute and deliver this Agreement on behalf of CITY and District.
- H. No Waiver of Breach: The waiver by any of the Parties of any breach of any term or promise contained in this Agreement shall not be deemed to be a waiver of such term or provision or any subsequent breach of the same or any other term or promise contained in this Agreement.
- I. Time of Essence: Time is and shall be of the essence of this Agreement and every provision hereof.
- J. Construction: To the fullest extent allowed by law, the provisions of this Agreement shall be construed and given effect in a manner that avoids any violation of statute, ordinance, regulation, or law. The parties covenant and agree that in the event that any provision of this Agreement is held by a court of competent jurisdiction to be invalid, void, or unenforceable, the remainder of the provisions hereof shall remain in full force and effect and shall in no way be affected, impaired, or invalidated thereby. CITY and District acknowledge that they have each contributed to the making of this Agreement and that, in the event of a dispute over the interpretation of this Agreement, the language of the Agreement will not be construed against one party in favor of the other. CITY and District acknowledge that they have each had an

adequate opportunity to consult with counsel in the negotiation and preparation of this Agreement.

- K. Consent: Wherever in this Agreement the consent or approval of one party is required to an act of the other party, such consent or approval shall not be unreasonably withheld or delayed.
- L. No Third-Party Beneficiaries: Nothing contained in this Agreement shall be construed to create, and the Parties do not intend to create any rights in third parties. No incidental beneficiary, whatever relationship such person may have with the Parties, shall have any right to bring an action or suit, or to assert any claim against the Parties under this Agreement.
- M. Captions: The captions in this Agreement are solely for convenience of reference. They are not a part of this Agreement and shall have no effect on its construction or interpretation.
- N. Acceptance of Electronic Signatures and Counterparts: Signatures delivered by scanned image as an attachment to electronic mail or delivered electronically through the use of programs such as DocuSign must be treated in all respects as having the same effect as an original signature. Each party further agrees that this Contract may be executed in two or more counterparts, all of which constitute one and the same instrument.

IN WITNESS WHEREOF, the District and the CITY have executed this Agreement as of the date first above written.

CITY OF HEALDSBURG

SONOMA-MARIN AREA RAIL TRANSIT DISTRICT

By: _____
Jeff Kay, City Manager

By: _____
Eddy Cumins, General Manager

APPROVED AS TO FORM:

APPROVED AS TO FORM FOR DISTRICT:

By: _____
Samantha W. Zutler, City Attorney

By: _____
Jessica Sutherland, SMART Counsel

EXHIBIT A
COST PROPOSAL



SWH-SMART-002R2

August 5, 2026

Mr. Michael Wiltermood
Sonoma Marin Area Rail Transit
5401 Old Redwood Hwy, Suite 200
Petaluma, California 94954

Reference: Design Civil, Track, and Structures Improvements of the
SMART Healdsburg Extension
Contract No. CV-DB-25-001
SWH Job No 35783

Subject: Change Notice 002 – City of Healdsburg Design Work Cost Proposal Rev 2

Dear Michael,

Stacy Witbeck/Herzog, A JV (SWH) provides the attached pricing in response to Change Notice 002 for City of Healdsburg Project Pricing Requests. This cost proposal is inclusive of the 65% design as outlined in the change notice, excluding Adeline Way to Ward Street work.

The design documents will include field survey and mapping, civil and structures elements, roadways, and utility facilities and relocations. Additionally, SWH will provide a final design and construction estimate with the 65% design submittal.

For this change notice, SWH total cost proposal is \$123,897.01 to complete the scope of work listed above. Attached is a detailed breakdown of the costs.

Sincerely,

Stacy and Witbeck/Herzog, A JV

A handwritten signature in black ink, appearing to read "Nick Slama", is written over a light blue horizontal line.

Nick Slama
Project Manager

2800 HARBOR BAY PARKWAY-ALAMEDA, CA 94502
TELEPHONE (510) 748-1870 – FAX (510) 748-1205

**EXHIBIT B
PROJECT COST**

ITEM	ESTIMATED COST
35% Design	\$58,876.48
65% Design	\$65,019.53
Contingency	\$12,389.60
SMART Staff Time	\$5,000.00
TOTAL	\$141,285.61

EXHIBIT C
SCOPE OF SERVICES

Scope of Services

Healdsburg Extension Project Change Notice 002 – City of Healdsburg Project Pricing

**RFQ NO. CV-DB-25-
001**



August 4, 2026

Scope of Services

Project Objective

GHD, Inc. and its subconsultants (“CONSULTANT”) will provide engineering (“Services”) under Change Notice 002 (CN 002) to the Stacy Witbeck/Herzog Joint Venture (SWH) in response to the City of Healdsburg’s request to provide pricing for the following additional design elements:

1. Hudson Street to Ward Street Sewer Replacement
2. Front Street Water Main Casing
3. Russian River Rail Bridge Waterline

The associated plans and specifications would be included in the Phase I contract documents of the Healdsburg Extension Progressive Design-Build project through the 65% submittal milestone. CONSULTANT will provide design engineering professional services for the following elements of work associated with CN 002:

- Field Surveying and Mapping
- Civil and structures elements
- Roadway
- Utility facilities and relocations (see Task 7.10 *Utility Plans* for the scope delineation between SWH and CONSULTANT)

CN 002 Project Description

The Healdsburg Extension Project limits extend from the existing SMART Windsor Station at MP 63.0 to Lytton Springs Road at MP 72.00. The project’s primary objectives are to extend SMART passenger rail service 9 miles to the north, to construct a new SMART station in the City of Healdsburg between Front Street and Healdsburg Avenue, and to extend the non-motorized pathway from the Town of Windsor to the City of Healdsburg where it will tie into the existing Foss Creek pathway. CN 002 would add the following work items to the project at request of SMART.

1. Hudson Street to Ward Street Sewer Replacement

CONSULTANT will design a new 8-inch diameter sanitary sewer line, connecting laterals, and 5 manholes to replace the existing sanitary sewer located between manhole SSMH232 in Hudson Street and manhole SSMH341 in Ward Street. The existing sanitary sewer system consists of a 6-inch diameter non-reinforced concrete pipe likely previously slip-lined along with 5 manholes including the manholes at both the upstream and downstream ends. The proposed sewer line profile will conform to the downstream elevation at Ward Street, and the manhole at the connection point on Hudson Street will be designed to be replaced. If required, an inside drop at the Hudson Street manhole will be incorporated. During construction, it will be necessary to maintain sanitary flows by providing bypass pumping or other acceptable methods.

2. Front Street Water Main Casing

CONSULTANT will design a casing, along with its horizontal and vertical alignments, to accommodate a future 16-inch water main crossing SMART's right-of-way along Front Street in accordance with City of Healdsburg Standards and the SMART Design Criteria Manual.

3. Russian River Bridge Waterline

CONSULTANT will design connection details for the proposed Russian River rail bridge trestle and truss sections to accommodate a future 12-inch water line across the Russian River from Front Street to Bailhache Avenue to be located the west side of the rail right-of-way.

CN 002 Scope

Under CN 002, CONSULTANT would produce 35% and 65% plans and specifications for each work item listed in the CN 002 project description.

Schedule

CN 002 will consist of the following phases:

35% Design Level Preliminary Engineering

This phase includes the development and analyses of critical design element alternatives in support of Army Corp and/or CDFW environmental permit applications required for the improvements associated with CN 002. In addition, an environmental effect footprint will be determined based on the preferred design alternative to facilitate required environmental clearance to be completed by SMART's environmental consultant. The CONSULTANT will develop preliminary engineering documents to support the environmental work to be completed by SMART's environmental consultant.

65% Design Level Preliminary Engineering

This phase includes the development of plans and specifications necessary for negotiating the Project's Guaranteed Maximum Price (GMP).

The detailed Scope of Services on the following pages of this scope of services is based on the following key schedule assumptions:

- Assumed CN 002 Notice to Proceed: Early August 2026
- 35% Design Level Preliminary Engineering (3 Months): Early November 2026
- 65% Design Level Preliminary Engineering (3 Months): Early February 2027

Phase I – Project Management and Integration

Task 1 - Project Management and Control

The CONSULTANT's Principal Engineer (Civil/Rail) will work under the direction of SWH to oversee the 35% design phase of CN 002 under the current project management budget established for Phase I through September 2026.

CONSULTANT'S co-located team members will continue to take direction from

CONSULTANT'S Principal Engineer (Civil/Rail), SWH's PDBE Representative (Project Manager), and SWH's PDBE Deputy PM, while the CONSULTANT'S Principal Engineer (Civil/Rail) will continue to manage the day-to-day activities of the other CONSULTANT team members based in their respective home offices.

The CONSULTANT shall provide the following project management activities under Task 1 through the 65% phase of CN 002:

CONSULTANT Activities

1.1 Project Management

CONSULTANT will support SWH in incorporating CN 002 into the project's contract, scope, schedule, budget, and Project Team. CONSULTANT will continue to directly manage and coordinate its staff and subconsultants during the 35% and 65% Design Level Preliminary Engineering phases of CN 002 under the current Phase I project management budget. SWH will keep SMART informed on all aspects of the development of CN 002 design and deliverables.

1.3 Project Controls

1.3.2 Schedule Management

The following schedule management-related activities associated with the 35% and 65% Design Level Preliminary Engineering phases of CN 002 will be covered under the current Phase I schedule management budget.

- **Work Breakdown Structure:** CONSULTANT will support SWH in preparing an updated Work Breakdown Structure (WBS) based on the approved CN 002 scope of work. These elements will be incorporated into the project schedule and the participation and level of effort for SWH and CONSULTANT will be clearly defined.
- **Critical Path Method Schedule:** CONSULTANT will support SWH in preparing an updated Critical Path Method (CPM) project schedule that provides a detailed sequence of all activities required to complete the scope of services under CN 002 within the contract duration, using the WBS specified in the updated detailed work plan. The project schedule will include all known constraints, task dependencies (logic), deliverables, SMART reviews, third-party reviews, quality assurance/quality control (QA/QC) reviews, and applicable deliverables and milestones associated with CN 002. SMART will identify critical design milestones for CN 002 that SWH must include in the updated schedule. The schedule will distinguish the critical path from other non-critical activities.
- **Updated Baseline Schedule:** SWH will submit the updated baseline schedule to SMART in an electronic format compatible with Primavera P6 within 21 calendar days of the CN 002 NTP. SMART will review and comment on the updated baseline schedule within ten (10) calendar days of receipt. CONSULTANT will support SWH to incorporate review comments and resubmit the updated schedule as part of the updated Project Management Plan.
 - Assist SWH in evaluating current schedule performance relative to the updated approved baseline schedule to show current performance.
 - Continue supporting SWH to update the schedule each month to indicate actual start and finish dates, remaining project duration, and percentage of work completed.

1.5 Invoicing, Contract Administration, Reporting, and CPM

CONSULTANT will establish, maintain, and administer updated agreements with its

subconsultants for the inclusion of CN 002. The current Task 1.5 budget established for Phase I of the Project will cover all invoice-related activities through the 35% and 65% Design Level Preliminary Engineering phases of CN 002.

CONSULTANT continues to assume that SWH will submit CONSULTANT'S invoices no later than thirty (30) days from the date the services/charges were incurred by CONSULTANT. CONSULTANT continues to assume that SMART will pay SWH within 30 days following submission of an invoice and that SWH will pay CONSULTANT no later than thirty (30) days from receipt of payment by SMART. CONSULTANT also continues to assume that there will be no retention of CONSULTANT'S payment unless SMART imposes payment retention on SWH.

1.7 Design Quality Assurance/Quality Control

CONSULTANT's Design Quality Control (QC) Manager will continue to enforce the project's Design Quality Assurance/Quality Control (QA/QC) standards and procedures for all deliverables associated with CN 002. CONSULTANT will submit an updated Design Quality Management Plan (QMP) within 30 days of NTP in accordance with SMART's QMP requirements that will include an updated list of formal deliverables associated with CN 002 to SMART. The current Task 1.7 budget established for Phase I of the Project will cover all QA/QC-related activities through the 35% and 65% Design Level Preliminary Engineering phases of CN 002.

The Design QMP dictates procedures for the CONSULTANT to confirm that all contract documents associated with CN 002 have been checked and comply with SMART's Design Criteria. The QC Manager will notify the CONSULTANT's Principal Engineer that the Design Submittal Checklist and Certification form can be signed and submitted to SMART prior to the 35% and 65% design milestone submittals for CN 002. The QC Manager will maintain a running list of observed deficiencies, discrepancies, and non-compliances, and deploy corrective actions prior to each design milestone submittal.

1.8 Electronic File Management

CONSULTANT will continue to furnish a CADD Manager to ensure that all electronic files associated with CN 002 adhere to the SMART Drawing Standards across all design disciplines so that the team can more efficiently advance the design through all submittal milestones. The current Task 1.8 budget established for Phase I of the Project will cover all electronic file management-related activities through the 35% and 65% Design Level Preliminary Engineering phases of CN 002.

CONSULTANT'S CADD Manager will also continue to be responsible for maintaining file security by limiting access to only active Project Staff by maintaining a log of usernames assigned to each team member. In addition, CONSULTANT'S CADD Manager will continue to be responsible for maintaining the Project folder structure on BIM360 and for uploading all updated files into the BIM360 folders by 5:00 PM Pacific every Friday afternoon.

Task 1 Deliverables

- Task 1.3 Project Controls
 - Input into the Summary of Hours and Dollars spreadsheet for design-related tasks in CONSULTANT'S CN 002 scope of services for the 35% and 65% Design Level Preliminary Engineering phases.
 - Input into the revised CPM schedule for design-related work elements in CONSULTANT'S CN 002 scope of services for the 35% and 65% Design Level Preliminary Engineering phases.

- Task 1.5 Invoicing, Contract Administration, Reporting and CPM
 - Invoices for progress payments at submittal milestones, due to SMART Accounts Payable in accordance with Section 18.01 of the Phase I Agreement for the 35% and 65% Design Level Preliminary Engineering phases under CN 002.
- Task 1.7 Quality Assurance/Quality Control
 - Updated Design Quality Management Plan
 - Updated design Submittal Checklist and Certification Forms at milestone submittals
- Task 1.8 Electronic File Management
 - All electronic CADD and digital terrain model data and related files used in the production of the CN 002 contract drawings.

Task 1 Key Understandings

- Task 1.1 Project Management
 - CONSULTANT will continue to directly manage and coordinate its staff and subconsultants during the 35% and 65% Design Level Preliminary Engineering phases of CN 002 under the current Phase I project management budget.
- Task 1.3 Project Controls
 - All schedule management-related activities under Task 1.3.2 associated with the 35% and 65% Design Level Preliminary Engineering phases of CN 002 will be covered under the current Phase I schedule management budget.
- Task 1.5 Invoicing, Contract Administration, Reporting and CPM
 - The current Task 1.5 budget established for Phase I of the Project will cover all invoice-related activities through the 35% and 65% Design Level Preliminary Engineering phases of CN 002.
- Task 1.7 Quality Assurance/Quality Control
 - The current Task 1.7 budget established for Phase I of the Project will cover all QA/QC-related activities through the 35% and 65% Design Level Preliminary Engineering phases of CN 002.
- Task 1.8 Electronic File Management
 - The current Task 1.8 budget established for Phase I of the Project will cover all electronic file management-related activities through the 35% and 65% Design Level Preliminary Engineering phases of CN 002.

Task 2 – Design and Project Integration

This task involves design and project integration and interface management services as a part of the scope of work for CN 002. CONSULTANT will continue to support SWH in coordinating with authorities having jurisdiction (AHJs) as specified in the subtasks below to develop consensus on a design that will be accepted by the AHJs, as well as other consultants or parties engaged formally or informally by SMART. The scope of these services generally includes the following:

CONSULTANT Activities

2.2 Design Review and Agency Coordination

The CONSULTANT shall assist SWH in coordinating with Authorities Having Jurisdiction (AHJs) such as the City of Healdsburg, utility providers (public and private), and private property owners to deliver the scope of services associated with CN 002. CONSULTANT's management and engineering staff shall continue to attend formal and informal design review meetings with SMART and other consultants and agencies. The CONSULTANT's preparation and attendance at such meetings shall be considered an ongoing design function to perform the specified scope of services.

SWH shall continue to produce meeting notes for internal and external contract coordination and shall continue to maintain action item/interface lists to facilitate resolution of third-party issues associated with CN 002. CONSULTANT shall review and provide input into the meeting notes and action items/interface lists specific to CN 002. These meetings shall be anticipated by the CONSULTANT and shall be included in the scope of services as follows:

2.2.3 City of Healdsburg Coordination

CONSULTANT will assist SWH in coordinating with the City of Healdsburg to comply with its specific design review process. CONSULTANT will participate in formal and informal design review meetings with City of Healdsburg staff as facilitated by SWH to secure over-the-shoulder reviews and formal review comments on the CN 002 35% and 65% PS&E documents.

For improvements outside of SMART's right-of-way, CONSULTANT assumes that the design of such improvements will need to adhere to the City of Healdsburg Public Works Standards published on the City of Healdsburg Public Works Documents, Forms and Permits website and the City of Santa Rosa Storm Water Low Impact Development Technical Design Manual.

The CONSULTANT shall also be responsible for coordinating its design and managing the integration of its work with the planning, design, and construction work by other project consultants and contractors for all known City of Healdsburg projects that may interface with the any of the project locations.

The CONSULTANT shall coordinate with SMART and/or SWH permit staff by providing the documents, drawings, information, and support necessary for the development and preparation of required permits, including key land use and construction permit applications with the City of Healdsburg. CONSULTANT will support SWA in coordination efforts with the City of Healdsburg up to a budgeted level of effort included in this task in the negotiated fee breakdown. Hours spent on this task will be tracked and reported monthly, and efforts beyond this level of effort will be negotiated and paid for separately.

2.2.4 Public and Private Utilities Coordination

CONSULTANT will support SWH in coordinating with public utility owners to secure additional utility mapping in the vicinity of the projects locations, where necessary. Specifically, CONSULTANT will:

- Obtain utility record schematic maps and/or drawings, as available, to establish preliminary location of all utilities that may be affected by each of the project locations.
- Identify and document potential conflicts between all existing utilities and proposed improvements associated with CN 002. If CONSULTANT demonstrates through design documentation that relocation cannot be avoided, CONSULTANT shall develop required pothole information for every utility identified in a "Utility Relocation Request" to be submitted to SMART for approval.

- Establish the limits of utilities to be demolished or abandoned along with the locations of all relocated utilities.

CONSULTANT will support SWA on coordination efforts with public utility owners up to a budgeted level of effort included in this task in the negotiated fee breakdown.

Task 2.2 Key Understandings

- SWH will continue to produce meeting notes and maintain action item/interface lists for all meetings included in Task 2.2 for review and input by the CONSULTANT.
- CONSULTANT will support coordination efforts with the AHJs listed under Task 2.2 up to the budgeted level of effort in the CN 002 fee proposal.
- CONSULTANT assumes that SWH will continue to be responsible for leading all coordination efforts with utility owners to determine the following:
 - Utility relocation strategies and schedules
 - Franchise and permit process
 - Verification of utility property rights
 - Responsibility for utility relocation costs

Task 2.2 Deliverables

- Input into the Weekly Technical Task Force Meetings meeting notes and action items/interface lists specific to CN 002.
- Input into the Agency Coordination Meetings meeting notes and action items/interface lists for all subtasks under Task 2.2 specific to CN 002.

2.3 Environmental Consultant Coordination

For the project's environmental clearance effort, CONSULTANT will support SMART's environmental consultant in the preparation of CEQA and NEPA documents to evaluate the inclusion of the CN 002 improvements into the project's scope of services. CONSULTANT will support SWA on coordination efforts with SMART's environmental consultant up to a budgeted level of effort included for this task in the negotiated CN 002 fee breakdown.

2.3.1 Project Description and Impact Footprint Support

CONSULTANT will assist SMART's environmental consultant in preparing an updated project description and impact footprint that will serve as a basis of analysis for the environmental clearance and regulatory permitting process. The updated project description and footprint will be based on the preliminary engineering drawings and constructability analysis (e.g., temporary construction access and staging areas). SMART's environmental consultant will be in responsible charge of preparing the updated project description, and CONSULTANT will assist in the preparation of supporting graphics and figures including, but not limited to, the temporary and permanent impact footprint as directed by SMART's Project Manager.

CONSULTANT's staff will continue to coordinate proactively with SMART's environmental consultant to ensure that an accurate updated project description and footprint are developed in a timely manner to meet project schedule needs. CONSULTANT can directly prepare or edit

portions of the updated project description and/or footprint to allow SMART to select different roadway configurations as information from the City of Healdsburg becomes available.

SMART's environmental consultant will be responsible for submitting a draft updated project description and impact footprint to SMART for review and comment. Based on comments from SMART, the project description will be finalized by SMART's environmental consultant with support from CONSULTANT as requested by SMART's Project Manager. SMART's environmental consultant will move forward with the preparation of updated technical studies upon completion of the Project Description and Impact Footprint.

Task 2.3.1 Key Understandings

- CONSULTANT will support SWA on coordination efforts with SMART's environmental consultant up to a budgeted level of effort included for this task in the negotiated CN 002 fee breakdown.
- CONSULTANT'S environmental scope under Task 2.3.1 is limited to ongoing participation at coordination meetings with SMART's environmental consultant and the preparation of supporting graphics and figures for inclusion in the updated project description and impact footprint.

Task 2.3.1 Deliverables

- Supporting graphics and figures for the updated Draft and Final Project Description
- Draft and final impact footprints (temporary and permanent)

Task 2 Deliverables

- Task 2.2 Design Review and Agency Coordination
 - Input into the Agency Coordination Meetings meeting notes and action items/interface lists for all subtasks under Task 2.2 specific to CN 002
 - Supporting documents, drawings, and information for permits, and concurrence letters specific to CN 002
 - Design Review presentations at the 35% and 65% design milestones that incorporate the CN 002 scope of services
- Task 2.3 Environmental Consultant Coordination
 - Supporting graphics and figures for the updated Draft and Final Project Description
 - Draft and final impact footprints (temporary and permanent)

Task 2 Key Understandings

- Task 2.2 Design Review and Agency Coordination:
 - CONSULTANT assumes that SWH will provide all utility owners known to have facilities in the CN 002 improvement locations with plan sets or exhibits for them to confirm that their facilities are indeed impacted by the proposed work and, if so, to initiate the relocation design.
 - CONSULTANT assumes that SWH will continue to be responsible for leading all coordination efforts with utility owners to determine the following:
 - Utility relocation strategies and schedules

- Franchise and permit process
- Verification of utility property rights
- Responsibility for utility relocation costs
- Task 2.3 Environmental Consultant Coordination
 - SMART's environmental consultant will be responsible for developing the following environmental deliverables as required by the appropriate level of CEQA/NEPA documentation:
 - Updated Draft and Final Project Description
 - Updated Draft and Final Impact Footprint

Phase I – 35% Design Level Preliminary Engineering

Task 4 – Initial Engineering and Technical Studies

This task involves producing additional topographic mapping and existing right of way evaluation to support the 35% and 65% design phases of the CN 002 scope of services.

CONSULTANT Activities

4.1 Field Survey and Mapping

The Project's existing topographic base file will be updated to encompass the additional project limits associated with CN 002 as follows.

- Hudson Street near the southeast corner of the existing parking lot adjacent to the historic train depot: CONSULTANT will extend the Project's topographic mapping 100' along Hudson Street to terminate 50 feet on both sides the existing manhole that the new 8-inch sewer line will tie into. Topographic mapping along the Hudson Street will extend from back of sidewalk to back of sidewalk.

CONSULTANT assumes that the existing topographic base file developed under the current Phase I contract would be augmented with topographic mapping via aerial photogrammetry captured during the flyover in October 2025. All additional supplemental field survey will be merged with the aerial topographic mapping developed under CN 002.

The supplemental field survey will include features such as, but not limited to, edge of pavement, curb & gutter, sidewalk, driveways, drainage inlets, sewer manholes & invert elevations, utility markings on the pavement, overhead utility poles, retaining walls, and any other pertinent information that could apply to CN 002 during design.

Task 4.1 Deliverables

- Supplemental field surveys will be collected and merged with new topographic mapping tiles developed under CN 002. A PDF of the supplemental field survey will be provided to outline the extent of the detailed survey specific to the CN 002 improvement areas.

Task 4.1 Key Understandings

- Base mapping and DTMs will be owned by SMART

4.4 Right-of-Way Evaluation

CONSULTANT will conduct an inventory of the parcels and utility easements in the vicinity of the proposed improvements envisioned for the Hudson Street to Ward Street sewer replacement

work element under CN 002. The inventory will include research on right-of-way record maps, County of Sonoma APN maps, and affected roadway boundaries in order to:

- Establish the roadway right of way for Hudson Street
- Determine the likely affected easements resulting from the proposed improvements
- Reconcile any ambiguities pertaining to right-of-way and parcel boundaries and
- Verify utility easements

CONSULTANT will update the Project's existing right-of-way base file previously developed under Task 4.1 of the current Phase I contract to include the City of Healdsburg's existing right-of-way mapping along Hudson Street as determined by an additional record of survey.

Task 4.4 Deliverables

- Updated existing right-of-way base file

Task 4.4 Key Understandings

- CONSULTANT assumes that it will not be responsible for resolving legacy NCRA lease agreements and encroachments in the railroad right-of-way that conflict with proposed infrastructure.
- SMART will not provide any parcels outside SMART and public right-of-way for CN 002. The City of Healdsburg shall be solely responsible for obtaining additional right-of-way to accommodate proposed infrastructure placed outside of SMART's existing right-of-way.
- The City of Healdsburg shall be responsible for the acquisition of any real property rights, temporary or permanent, required to construct CN 002 in accordance with the contract drawings that are outside of the construction limits established in SMART's baseline drawings.
- CONSULTANT assumes that up to one legal description will need to be developed during the final design phase for a sanitary sewer easement for the SMART crossing.

Task 4 Deliverables

- Task 4.1 Field Surveying and Mapping
 - Supplemental field survey data in AutoCAD 2018 format
 - Updated Digital Terrain Model (DTM)
 - Updated right-of-way lines
- Task 4.4 Right-of-Way Evaluation
 - Updated existing right-of-way base file

Task 4 Key Understandings

- Task 4.1 Field Surveying and Mapping
 - CONSULTANT assumes that the existing topographic base file developed under the current Phase I contract would be augmented with topographic mapping via aerial photogrammetry captured during the flyover in October 2025.
- Task 4.4 Right-of-Way Evaluation

- CONSULTANT assumes that it will not be responsible for resolving legacy NCRA lease agreements and encroachments in the railroad right-of-way that conflict with proposed infrastructure.
- SMART will not provide any parcels outside SMART and public right-of-way for CN 002. The City of Healdsburg shall be solely responsible for obtaining additional right-of-way to accommodate proposed infrastructure placed outside of SMART's existing right-of-way.
- The City of Healdsburg shall be responsible for the acquisition of any real property rights, temporary or permanent, required to construct CN 002 in accordance with the contract drawings that are outside of the construction limits established in SMART's baseline drawings.
- CONSULTANT assumes that up to one legal description will need to be developed during the final design phase for a sanitary sewer easement for the SMART crossing.

Task 7 – Preliminary Engineering

CONSULTANT will prepare 35% level preliminary engineering plans for the Hudson Street to Ward Street sewer replacement, Front Street water main casing, and Russian River bridge waterline work elements. The plans will be structured and formatted in accordance with the SMART CADD Manual and the Reference Drawings included in the RFQ solicitation which include select details from SMART's most recent extension project. If required, portions of the 35% level preliminary engineering plans will be formatted in accordance with City of Healdsburg requirements for project elements within the City's right-of-way. CONSULTANT assumes that the 35% design milestone submittal will be subject to the City of Healdsburg formal design review process, and that the City of Healdsburg will provide consistent feedback during design development via informal over-the-shoulder reviews.

CONSULTANT Activities

7.3 Bridge Plans

CONSULTANT will prepare 35% connection details for the trestle and truss portions of the Russian River bridge to accommodate a future 12-inch water line to be further defined during Structures Task Force meetings at the beginning of the 65% design phase under the current Phase I contract. The preliminary connection details will be added to the 65% Design Level Bridge Plans for the Russian River bridge to be advanced under the Project's current Phase I contract.

Task 7.3 Deliverables

- 35% connection details to accommodate a future 12-inch water line to be added to the Russian River Bridge 65% plans: 4 Sheets

Task 7.3 Key Understandings

- The water line will be placed on the outside edge of the triangular walkway section of the trestle approach so that it aligns with the walkway on the truss section of the bridge. For the truss section, the water line will be placed on the outside edge of the 4' walkway on top of the proposed W40 floor beams since the walkway only needs to be a minimum 2' wide.
- The future water line would impose approximately 100 pounds per linear foot on the

Russian River bridge which doesn't account for thrust loading.

- CONSULTANT assumes that additional bridge-related specifications would not be required under CN 002 since the current specifications included in the Phase I scope of services will adequately cover the proposed infrastructure associated with the new connection details to accommodate the future 12-inch water line.

7.10 Utility Plans

Under CN 002, CONSULTANT would update the Project's existing utilities base file to include all existing public and private utilities located within the limits of the Hudson Street to Ward Street sewer replacement work element. The Project's current existing utilities base file does not include existing public and private utility mapping within the assumed limits of the work element, and additional utility as-built records will need to be obtained to complete the initial utility base map within the proposed footprint of the work element.

Once additional existing utilities are mapped using available as-built documents, CONSULTANT will further update the existing utilities base file developed during the 35% design phase of CN 002 to depict more precise locations of existing utilities as informed by Underground Service Alert (USA) field markings combined with supplemental field survey. The Project's early works potholing package may also need to be augmented with additional potholes to precisely locate existing utilities that may be impacted by the 8" sanitary sewer line associated with the Hudson Street to Ward Street sewer replacement, and the steel casing associated with the future 16-inch water main at the Front Street grade crossing.

CONSULTANT will produce 35% Utility plans and Utility Plan & Profile plans for the Hudson Street to Ward Street sewer replacement work element, and the Front Street water main casing work element for inclusion in the Phase I contract drawings and specifications.

Task 7.10 Deliverables

- 35% Sanitary Sewer Plan and Profile plans for the Hudson Street to Ward Street sewer replacement: 3 Sheets
- 35% Sanitary Sewer Details for the Hudson Street to Ward Street sewer replacement: 2 Sheets
- 35% linework for the 16" water main steel casing to be added to the Front Street 65% grade crossing plan and profiles plans: 2 Updated Sheets
- 35% casing details for the future 16-inch water main at Front Street: 1 Sheet

Task 7.10 Key Understandings

- CONSULTANT assumes that additional utility-related specifications would not be required under CN 002 since the current specifications included in the Phase I scope of services will adequately cover the proposed utility infrastructure.
- CONSULTANT assumes that the 12-inch water main from Front Street to Bailhache Avenue to be placed on the west side of SMART's right-of-way will be designed under a separate City of Healdsburg contract and that the CN 002 scope of services will only include the development of connection details for the Russian River bridge to accommodate the future water main.

- CONSULTANT assumes that the 16" water main to cross the SMART right of way at Front Street will be designed under a separate City of Healdsburg contract and that the CN 002 scope of services will only include design of the steel casing to accommodate the future water main.
- CONSULTANT assumes that SWH will continue to provide all utility owners known to have facilities in the City of Healdsburg right-of-way within the CN 002 project limits with plan sets or exhibits for them to confirm that their facilities are indeed impacted by the Project and, if so, to initiate the relocation design. The City of Healdsburg will provide record drawings of their facilities for all infrastructure impacted.
- CONSULTANT assumes that SWH will continue to be responsible for leading all coordination efforts with utility owners to determine the following:
 - Utility relocation strategies and schedules
 - Franchise and permit process
 - Verification of utility property rights
 - Responsibility for utility relocation costs
- Design of the 8-inch sanitary sewer line will adhere to City of Healdsburg engineering standards and the associated hydraulic calculations and pipe size will be verified by the City of Healdsburg. The 8-inch sanitary sewer will be replaced in its current location and will not require additional easements. In addition, the sewer will be constructed using standard open cut installation in lieu of trenchless installation, and the associated bypass design will be prepared by SWH.
- Cathodic protection or other corrosion protective measures are not included.
- Geotechnical investigations for the 8-inch sanitary sewer line and 16-inch water main casing are not included.

Task 7 Deliverables

- Task 7.3 Bridge Plans
 - 35% connection details to accommodate a future 12-inch water line to be added to the Russian River Bridge 65% plans: 4 Updated Sheets
- Task 7.10 Utility Plans
 - 35% Sanitary Sewer Plan and Profile plans for the Hudson Street to Ward Street sewer replacement: 3 Sheets
 - 35% Sanitary Sewer Details for the Hudson Street to Ward Street sewer replacement: 2 Sheets
 - 35% linework for the 16" water main steel casing to be added to the Front Street 65% grade crossing plan and profiles plans: 2 Updated Sheets
 - 35% casing details for the future 16-inch water main at Front Street: 1 Sheet

Task 7 Key Understandings

- Task 7.3 Bridge Plans
 - The water line will be placed on the outside edge of the triangular walkway section

of the trestle approach so that it aligns with the walkway on the truss section of the bridge. For the truss section, the water line will be placed on the outside edge of the 4' walkway on top of the proposed W40 floor beams since the walkway only needs to be a minimum 2' wide.

- The future water line would impose approximately 100 pounds per linear foot on the Russian River bridge which doesn't account for thrust loading.
- CONSULTANT assumes that additional bridge-related specifications would not be required under CN 002 since the current specifications included in the Phase I scope of services will adequately cover the proposed infrastructure associated with the new connection details to accommodate the future 12-inch water line.
- Task 7.10 Utility Plans
 - CONSULTANT assumes that additional utility-related specifications would not be required under CN 002 since the current specifications included in the Phase I scope of services will adequately cover the proposed utility infrastructure.
 - CONSULTANT assumes that the 12-inch water main from Front Street to Bailhache Avenue to be placed on the west side of SMART's right-of-way will be designed under a separate City of Healdsburg contract and that the CN 002 scope of services will only include the development of connection details for the Russian River bridge to accommodate the future water main.
 - CONSULTANT assumes that the 16" water main to cross the SMART right of way at Front Street will be designed under a separate City of Healdsburg contract and that the CN 002 scope of services will only include design of the steel casing to accommodate the future water main.
 - Design of the 8-inch sanitary sewer line will adhere to City of Healdsburg engineering standards and the associated hydraulic calculations and pipe size will be verified by the City of Healdsburg. The 8-inch sanitary sewer will be replaced in its current location and will not require additional easements. In addition, the sewer will be constructed using standard open cut installation in lieu of trenchless installation, and the associated bypass design will be prepared by SWH.

Phase I – 65% Design Level Preliminary Engineering

Task 8 – 65% Design

CONSULTANT will prepare 65% Design Level engineering plans and specifications for the Hudson Street to Ward Street sewer replacement, Front Street water main casing, and Russian River bridge waterline work elements. Upon submission of the CN 002 35% Design Level Preliminary Engineering Plans and Specifications to SMART and the City of Healdsburg, CONSULTANT will initiate the CN 002 65% Design Level Preliminary Engineering phase to expedite the design schedule. CONSULTANT will prepare responses to all review comments received from SMART and project stakeholders on the 35% design submittal milestone related to CONSULTANT'S CN 002 scope of services and participate in subsequent comment resolution meetings to reach final consensus on the dispositions of all review comments. All agreed upon review comments will be incorporated into the plans and specifications by the CONSULTANT in parallel with the CN 002 65% design development process. CONSULTANT assumes that the 65% design milestone submittal will be subject to the City of Healdsburg formal design review process, and that the City of Healdsburg will provide consistent feedback during design development via

informal over-the-shoulder reviews.

CONSULTANT Activities

8.8 Utility Relocation Plans

CONSULTANT will produce 65% Utility plans and Utility Plan & Profile plans for the Hudson Street to Ward Street sewer replacement work element, and the Front Street water main casing work element that incorporate SMART and the City of Healdsburg review comments on the 35% submittal. The plans will include the features and information defined under Task 7.10 *Utility Plans* in addition to updated existing utility mapping stemming from additional as-built information as it's received from the City of Healdsburg and private utility owners.

CONSULTANT will continue to support SWH in collaborating with SMART, the City of Healdsburg, and private utility owners during the 65% Design Level Preliminary Engineering Phase at Weekly Design Progress Meetings to define the extent of utility relocations located in City or SMART's right-of-way.

Task 8.8 Deliverables

- 65% Sanitary Sewer Plan and Profile plans for the Hudson Street to Ward Street sewer replacement: 3 Sheets
- 65% Sanitary Sewer Details for the Hudson Street to Ward Street sewer replacement: 2 Sheets
- 65% linework for the 16" water main steel casing to be added to the Front Street 65% grade crossing plan and profiles plans: 2 Updated Sheets
- 65% casing details for the future 16-inch water main at Front Street: 1 Sheet

Task 8.8 Key Understandings

- The key understandings cited in Task 7.10 *Utility Plans* also apply to Task 8.8

8.10 Bridge Plans

CONSULTANT will finalize the connection details to accommodate the future 12-inch water line across the Russian River bridge that incorporate SMART and stakeholder review comments on the 35% submittal. Given the compressed schedule of the CN 002 65% design phase, CONSULTANT will secure over-the-shoulder reviews from City staff at Weekly Design Progress Meetings as budgeted under Task 2.2.3 above.

Task 8.10 Deliverables

- 65% connection details to accommodate a future 12-inch water line to be added to the Russian River Bridge 65% plans: 7 Sheets

Task 8.10 Key Understandings

- The key understandings cited in Task 7.3 *Bridge Plans* also apply to Task 8.10.

Task 8 Deliverables

- Task 8.8 Utility Relocation Plans

- 65% Sanitary Sewer Plan and Profile plans for the Hudson Street to Ward Street sewer replacement: 3 Sheets
- 65% Sanitary Sewer Details for the Hudson Street to Ward Street sewer replacement: 2 Sheets
- 65% linework for the 16" water main steel casing to be added to the Front Street 65% grade crossing plan and profiles plans: 2 Updated Sheets
- 65% casing details for the future 16-inch water main at Front Street: 1 Sheet
- Task 8.10 Bridge Plans
 - 65% connection details to accommodate a future 12-inch water line to be added to the Russian River Bridge 65% plans: 7 Sheets

Task 8 Key Understandings

- Task 8.8 Utility Relocation Plans
 - The key understandings cited in Task 7.10 *Utility Plans* also apply to Task 8.8.
- Task 8.10 Bridge Plans
 - The key understandings cited in Task 7.3 Bridge Plans also apply to Task 8.10.