Attachment No. 1 SOW
SECTION C, UNIFORM CONTRACT FORMAT (UCF)
DESCRIPTION / SPECIFICATION / STATEMENT OF WORK (SOW)

Sacramento River Rail Trail Repaving GAOA Project
Bureau of Land Management / CA-NOD / Redding FO

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SOW 1.0 Background on the Government's Requirement

BLM Northern California District requires pavement rehabilitation of approximately 14.04 miles of the Sacramento Rail Trail system near Redding, California. The project includes the Shasta Dam Trail (2.96 mi), Keswick Dam Trail (2.85 mi), and Middle Creek Trail (8.23 mi) segments. See Figure 1. Sacramento Rail Trail Project Location.

The trail provides critical public access for pedestrian and bicycle use and supports periodic BLM administrative vehicle access. The existing asphalt pavement exhibits transverse and longitudinal cracking, localized structural failures, and shoulder degradation (see EX-4 Photos). Without repair, these deficiencies will continue to propagate, resulting in reduced safety, increased maintenance costs, and diminished user experience.

This project consists of localized "remove and replace" patching, surface preparation, crack sealing, asphalt overlay, and shoulder backing. Additional work includes conformed grinding at intersections, and paving interface work around existing locking bollards.

SOW 2.0 General Scope of Work

The Contractor shall furnish all labor, equipment, materials, supervision, and incidentals necessary to complete pavement rehabilitation of the Sacramento River Rail Trail system. See EX-3 Maps and EX-4 Photos.

Place of Performance:

Sacramento Rail Trail System, Redding, CA

Staging Area Options:

- Shasta Dam Trailhead: 40.710585°, -122.441354°
- Keswick Boat Ramp: 40.632445°, -122.452749°
- Rock Creek Trailhead: 40.624785°, -122.466059°
- Keswick Dam Trailhead: 40.610040°, -122.448427°
- French Fry Trailhead: 40.594815°, -122.481568°
- Middle Creek Road/City Trail: 40.592880°, -122.436630°

Period of Performance:

90 calendar days from Notice to Proceed (NTP). All work shall be completed, inspected, and accepted prior to December 1, 2026.

SOW 3.0 Overall Objectives

Restore pavement integrity, maintain ABA accessibility, improve user safety and extend service life of the trail system while maintaining functional access and preventing environmental impacts.

SOW 4.0 Specific Tasks

Work shall be measured and paid in accordance with the Bid Price Schedule. All incidental work required to complete each task shall be included in the respective unit price. All incidental work required to complete each task shall be included in the unit price. No separate payment will be made.

Task 1 – Mobilization

- Coordinate with COR to arrange pre work site meeting
- Confirm Delivery/Performance Schedule
- Submit mix design QC plan, and material submittals
- Identify compaction testing sub-contractor
- Verify grades and submit tie-in approach for Task 5
- Verify site conditions and staging areas
- Mobilize upon NTP

Task 2 – Remove and Replace Patching (~4,000 SF)

- COR shall identify and mark approximately five (5) repair sections prior to the pre-work site meeting
- Each patching area is anticipated to be approximately 100 linear feet in length by 8 feet in width, for a total estimated quantity of 4,000 SF
- Sawcut neat, straight boundaries to define repair extents
- Remove failed asphalt and unsuitable base material to competent subgrade
- In-place pulverization, stabilization, or Full Depth Reclamation (FDR) methods are not required under this contract
- Proof roll subgrade to identify soft or unstable areas; undercut and replace as directed by the COR
- Place aggregate base as required to achieve a stable section (typically 4–6 inches), in lifts as necessary to achieve compaction

- Place hot mix asphalt (HMA) patch to match the thickness of the existing pavement section, but not less than 2 inches compacted thickness
- Compact HMA to ≥92% of maximum density in accordance with FP Section 154
- Finished surface shall be flush with adjacent pavement (≤0.25 inch deviation)
- Completed repair areas shall be incorporated into the final asphalt overlay profile

Task 3 – Surface Preparation

- Sweep and clean pavement surface to remove dust, debris, and loose material
- Remove vegetation and encroaching material along pavement edges
- Apply crack seal to cracks ≥ 1/4 inch in width outside remove and replace patching areas
- Crack sealing shall be completed prior to tack coat application
- Protect existing locking bollards mounted on concrete piers during all operations
- Handwork shall be performed in proximity to bollards where mechanical equipment cannot operate without risk of damage
- Construct tight asphalt interface around bollards; finished surface shall be free of gaps, abrupt edges, or trip hazards
- Any damage to bollards or concrete foundations shall be repaired or replaced at no additional cost to the Government
- Place localized leveling course as required to correct surface irregularities and achieve a uniform profile
- Prepared surface shall be clean, dry, and suitable for tack coat application

Task 4 – Tack Coat

- Apply tack coat prior to asphalt overlay per FHWA FP-14 Section 411
- Surface shall be dry prior to tack coat application
- Apply uniformly at a rate consistent with manufacturer recommendations and field conditions; no streaking, pooling, or missed areas permitted
- Application rate shall be adjusted based on surface condition and verified in the field.
- Allow tack coat to properly break prior to placement of HMA

Task 5 – Conformed Grinding (Intersections)

- Perform conformed grinding at all intersections with roads, parking areas, and connecting trails (see Figure 8. Typical Conforming Detail)
- Locations shall be identified and marked by the COR prior to the pre-work site meeting (see EX-3 Maps, Figure 2)
- Contractor shall field verify grades and submit proposed tie-in approach for COR approval prior to paving operations
- Provide smooth, ADA-compliant transitions using grinding and/or tapering methods
- Maximum vertical deviation: 0.25 inches over 10 feet
- Transitions shall be free of abrupt grade breaks; maintain consistent longitudinal grade and cross slope and prevent ponding

Task 6 – Asphalt Overlay

- Provide 3/8-inch NMAS HMA with PG 64-10 binder
- Place overlay to achieve 0.10 foot (1.2 inch) compacted thickness
- Compact HMA to ≥92% of maximum density in accordance with FP Section 154
- One compaction test required per production day
- HMA shall be placed within temperature ranges consistent with approved mix design and manufacturer recommendations
- Paving operations shall be continuous to the extent practicable to minimize cold joints.
- Maintain consistent grade and cross slope throughout placement to prevent ponding
- Surface smoothness shall not exceed 0.25 inch deviation over 10 feet
- Finished surface shall be free of segregation, tearing, roller marks, or other surface defects
- Completed pavement shall support pedestrian, bicycle, and BLM maintenance vehicle loading

Task 7 – Shoulder Backing

- Provide shoulder backing using compacted Class II aggregate base
- Finished shoulder surface shall be flush with pavement edge
- Provide minimum 1-foot taper on both sides to match existing ground and ensure safe bicycle transition
- Compact to ≥95% of maximum density or equivalent field compaction standard
- Finished shoulder shall be smooth, stable, and free of loose or raveling material

Task 8 – Quality Control / Compaction Testing

- Submit mix design and Quality Control (QC) plan for COR approval prior to construction
- Contractor shall be responsible for all sampling and testing in accordance with FP Section 154
- Compaction testing frequency shall be one test per production day
- Testing shall be performed by a certified independent laboratory
- Provide compaction testing, test reports, and supporting documentation
- Provide haul tickets for all HMA deliveries
- Correct all deficiencies at no additional cost to the Government

Task 9 – Demobilization

- Remove all construction debris, excess materials, and equipment from the project site
- Restore all disturbed areas to pre-construction condition or better
- Coordinate and conduct final inspection walkthrough with the COR
- Work may be accepted by segment upon COR approval

Additive Item 1 – Striping

- Apply 4-inch yellow broken centerline
- Stripe pattern: 4 ft stripe / 8 ft gap
- Striping shall follow alignment of trail centerline
- Application shall be clean, continuous, and uniform with sharp edges and consistent thickness
- Striping shall be traffic-ready within manufacturer-recommended cure time

SOW 5.0 Delivery / Performance Schedule

Contractor shall submit schedule, QC plan, and mix design prior to work. Complete all specified tasks and BLM ordered additive items within 90 days of NTP.

SOW 6.0 Government-Furnished Property

General

The Contractor shall furnish all personnel, materials, equipment, supplies, transportation, tools, materials, supervision, and other items and non-personal services necessary to perform the work tasks and ordered additive items defined in this Statement of Work within the Period of Performance, no later than 90 days from Notice to Proceed (NTP).

BLM COR will mark the 4,000sf extents of Task 2 – Remove and Replace Patching (~4,000 SF) prior to the pre work site meeting. BLM COR will provide Contractor with combination of the trail gate lock and post trail closure signage during the duration of the project.

Applicable Publications (Current Editions)

- FHWA Standard Specifications for Construction of Roads and Bridges (FP)
- AASHTO Guide Specifications for Design of Pavement Structures
- ASTM standards for asphalt materials and compaction testing

SOW 7.0 Security and Administrative Matters

Contractor shall comply with OSHA, Federal, State, and BLM safety requirements. Site closed to public.

Contractor responsible for safety, environmental compliance, and coordination with COR.

Contractor shall prevent tracking of sediment or materials onto adjacent trail or drainage features and shall implement appropriate best management practices (BMPs) as directed by the COR.

Security:
The Contractor shall be responsible for safeguarding all Contractor property outside of normal business hours. BLM not responsible for any acts of vandalism or theft of unsecured Contractor property.

BLM will provide contractor with the keys to all gates and locked bollards.

Safety:
Contractor shall not require, or allow any employee, engaged in the performance of this Contract to work under conditions which are unsanitary, hazardous, or dangerous to his/her health or safety, as determined under safety and health standards promulgated by the Secretary of Labor under Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 327 et seq.) as amended and other Federal, State and applicable local government safety standards.

Department of Labor Code of Federal Regulations Title 29 and other Federal, State and local government safety standards will apply in its entirety to the Contractor.

Examples of applicable safety standards are OSHA 29 CFR 1910, OSHA 29 CFR 1926, California Title 19, "Public Safety", California Title 8, "General Industry Safety Orders", and 41 CFR, Subpart B, "Public Contracts, General Safety and Health Standards."

The Contractor shall also use the “BLM SAFETY AND HEALTH STANDARDS” (The Yellow Book) for reference.

Should the Contractor fail to comply with any of these standards and regulations, the Contractor shall be found to have defaulted on the terms of the contract.

Contingency Plan:
Sudden or unusual events could result in a negative impact to the delivery / performance of these requirements.

As an aid to properly plan for such events, the Contractor shall prepare and submit for approval a Contingency Plan for each Place of Performance for these requirements.

The Contractor will outline in detail the method(s) that the Contractor shall use in meeting Contract requirements in the following circumstances:

- A natural disaster occurs which impacts upon the Contractor's ability to perform.
- A labor strike occurs which impacts upon the Contractor's ability to perform.
- A hazardous materials spill which impacts the Contractor’s ability to perform or which may affects public safety.
- An incident which causes major damage which impacts the Contractor's ability to perform.
- Other unforeseen circumstances.

In all cases, the Contractor will assume that government cannot provide supplemental forces and continues to need the same or additional performance under the Contract, which the Contractor must meet.

This Contingency Plan shall be submitted as a part of the Contractor proposal.

Emergency Response:
Response to emergency service calls outside of the normal business hours shall not exceed four (4) hours regardless of the time during the day or night, weekends or holidays.

Response to emergency service during normal business hours shall not exceed two (2) hours.

Response is defined as having all personnel and equipment required to correct an emergency at the site of the emergency or at a pre-approved staging area, ready, willing, and able to perform the emergency work. The Contractor will provide a draft emergency response plan prior to Contract start date.

Emergency Services:
On occasion, services may be required to support an activation or exercise of contingency plans outside the normal business hours described above. The Contractor's responsibilities for emergency support will be in accordance with the contingency plan.

Hazardous Materials and Hazardous Response:
The Contractor will conform to all Bureau, Federal, State, and local regulations in the use and disposal of hazardous materials and hazardous waste. The Contractor will provide the appropriate response to any emergency involving hazardous materials at any of the facilities covered by this Contract. The Contractor will provide proof/certification of its personnel qualified to work with hazardous materials and wastes to the Bureau. The Contractor will notify the Bureau immediately upon discovering a release of hazardous waste into the environment.

Public contact:
Contractor personnel may encounter adjacent landowners or members of the public during the performance of their work.

Contractor personnel will present a professional appearance and be able to provide appropriate identification, including display of proper identification by each employee.

All Contractor and subcontractor personnel shall comply with all Federal and State laws relative to citizenship.

Contractor personnel shall inform any trespassers along the right of way of hazards and, as necessary and appropriate, ask trespassers to leave fenced off or restricted areas.

If Contractor personnel may encounter emergency personnel, policemen, or firemen along the right of way, the Contractor personnel shall notify the On-Site Foreman

If Contractor personnel encounter the news media, they should refer all questions to the On-Site Foreman, who shall keep the COR informed of all news media contacts.

Government Observations:
Government personnel other than COR may from time to time observe, photograph, or otherwise record Contract operations.

However, these personnel will not interfere with Contractor performance.

Regular Work Hours:
The performance period established for this contract is based upon all work being conducted during regular working hours between 8:00am and 4:30pm, Monday through Friday, excluding government holidays.

If the Contractor desires to carry on work outside regular hours, including Saturdays, Sundays, and government holidays, a request must be submitted to the COR in sufficient time to allow satisfactory arrangements to be made for access to the work site.

Communications:
"Time" for communications received after 3:00pm, after 12:00 pm locally on Fridays, or after 12:00 pm locally prior to a holiday will not start until the next business day. All times are local Pacific Standard Time.

Federal Holidays:
The following Federal Legal Holidays are observed:

New Year's Day	Martin Luther King, Jr. Day
President's Day	Memorial Day
Independence Day	Labor Day
Columbus Day	Veterans Day
Thanksgiving Day	Christmas Day

Fire Danger Season:
If the Contracting Officer Representative (COR) allows the Contractor to continue work during periods of declared fire danger or season, the Contractor shall comply with all applicable state laws relating to fire prevention and with all special conditions of work as directed by the COR.

Drawings:
Typical Drawings: Any drawings titled typical are general only and dimensions of each structure will be fixed by the Contracting Officer to adapt the design to existing conditions at the structure location.

Reduced Size Drawings: Any drawings identified as "REDUCED SIZE DRAWINGS" are photographically reduced in size. Accordingly, measurements and dimensions should not be taken or be based on any numerical scales shown. Prospective bidders desiring to review a copy of the full size drawings may contact the Contracting Officer identified in the solicitation.

Preservation of Historical and Archeological Data:
The Historic and Archeological Data Preservation Act of 1974 provides for the preservation of historical and archeological data that might otherwise be lost as the result of alterations to the terrain caused by a federal or federally licensed activity or program.

If, in connection with operations under this contract, the Contractor, subcontractors, or the employees of any of them, discovers, encounters or becomes aware of any possible historical or archeological data, objects or sites of cultural value on the project area, such as historical ruins, graves or grave markers, fossils, or artifacts, the Contractor shall immediately suspend all operations in the vicinity of the cultural value and shall notify the Contracting Officer in writing, giving the location and nature of the findings. No objects of cultural resource value may be removed.

Where appropriate by reason of discovery, the Contracting Officer may order delays in the time of performance and/or changes in the work. If such delays and/or changes are ordered, the time of performance and contract price shall be adjusted in accordance with the Changes clause.

The Contractor will be responsible for protecting the cultural resources within the affected area from damage. In addition, the Contractor will be liable for all damage to the identified cultural resources caused by their actions or the actions of their agents or representatives. The Contractor shall immediately notify the Contracting Officer or his representative if any damage occurs to any cultural resource and immediately suspend work in the area in which damage has occurred until authorized to proceed.

SOW 8.0 Technical Exhibits and Definitions

Standard Definitions:

Physical Condition
The Physical appearance of Federal equipment or facilities that considers cracks, chips, dents, abrasions, rust, corrosion, general cleanliness, vibration, operating temperature, and discoloration and other items as identified by the COR.. Physical condition may be determined by visual as well as diagnostic means.

Contracting Officer (CO)
The Secretary of the Interior or designated authorized representative who is the only agent capable of signing a federal award or obligating funds.

Contracting Officer's Representative (COR)
The Contracting Officer's designated representative as indicated in a delegation of authority letter.

Technical Exhibits:

EX-1 Schedule of Work Deliverables

Contractor will fill out and submit in Quote Package along with Technical Proposal, Bid Price Schedule, Contingency and Emergency Response Plan. Contractor will also submit GANTT chart/calendar view of Schedule of Work Deliverables to better represent concurrent and/or overlapping tasks.

SPECIFIC TASK DELIVERABLE	START DATE	END DATE
Task 1 – Mobilization		
Task 2 – Remove and Replace Patching		
Task 3 – Surface Preparation		
Task 4 – Tack Coat		
Task 5 – Conformed Grinding		
Task 6 – HMA Overlay 3/8" NMAS, PG64-10, placed in one lift at 0.1 ft compacted thickness		
Task 7 – Shoulder backing		
Task 8 – Quality Control		
Task 9 – Demobilization		

EX-2 Supplemental Specifications

- DIVISION 150 – Project Requirements
  - Section 154 – Contractor Sampling and Testing
- DIVISION 400 – Asphalt Pavements
  - Section 403 – HMA Pavement
  - Section 411 – Tack Coat

EX-3 Maps

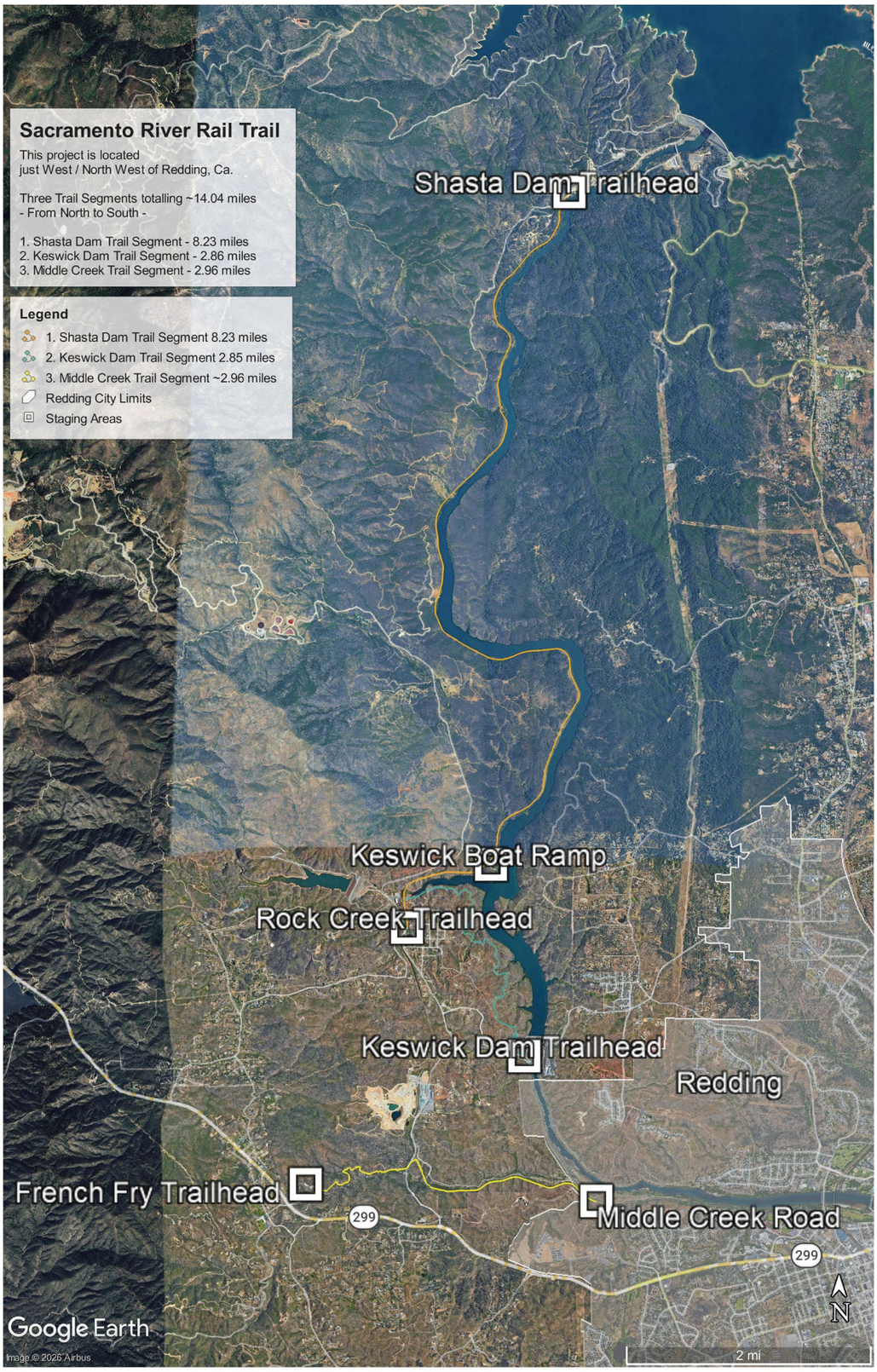

Figure 1. Sacramento Rail Trail Project Location

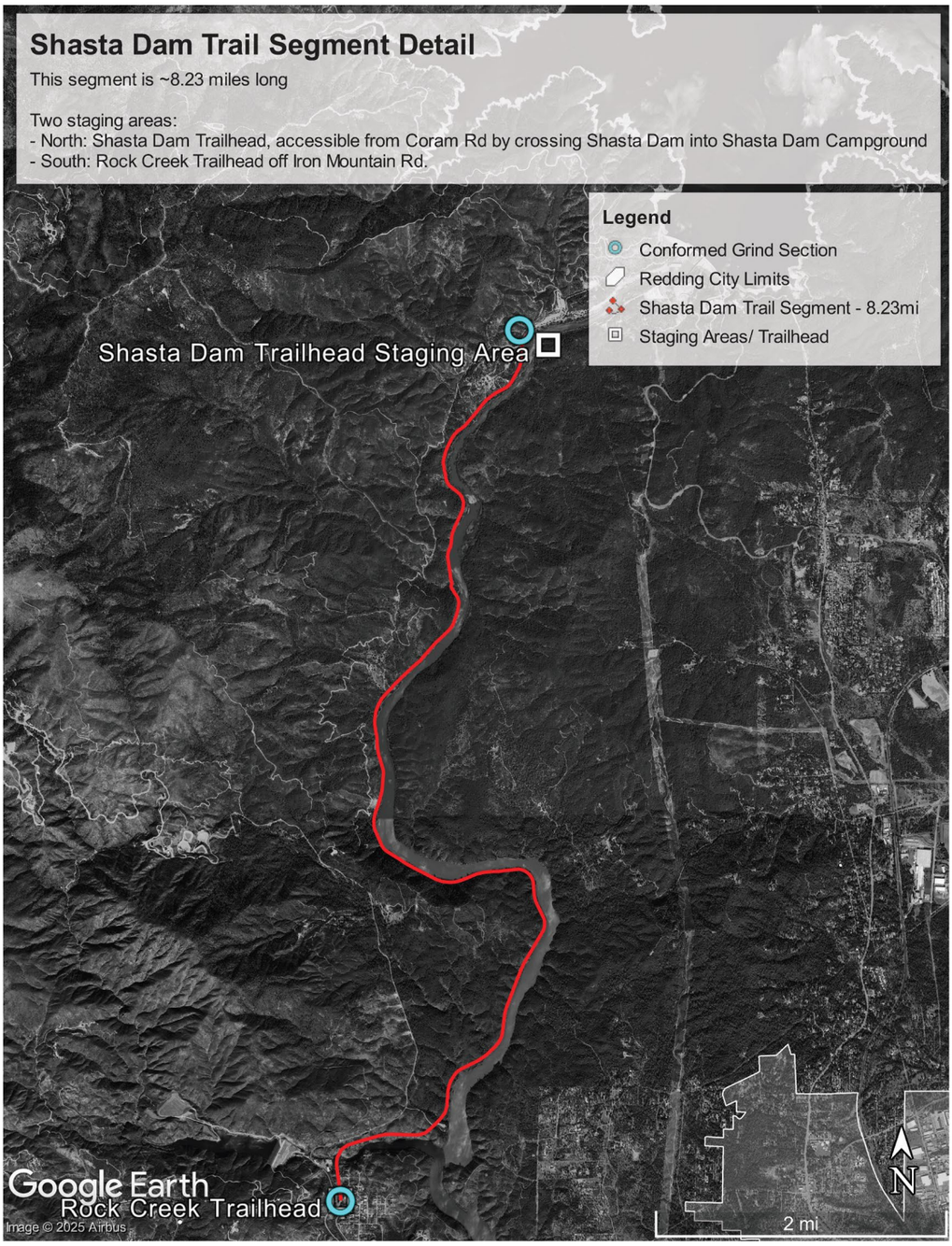

Figure 2. Shasta Dam Trail Segment Detail

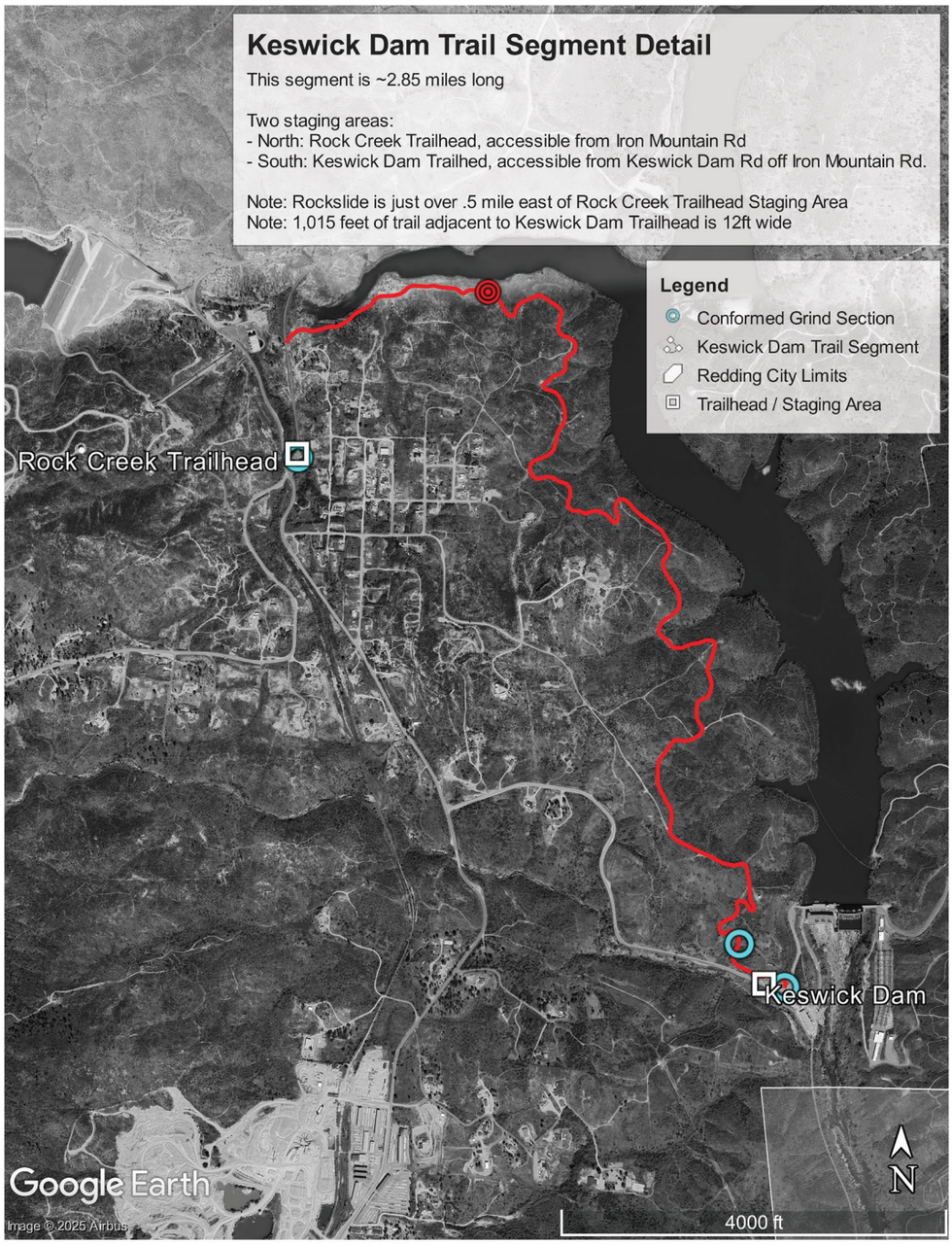

Figure 3. Keswick Dam Segment Detail

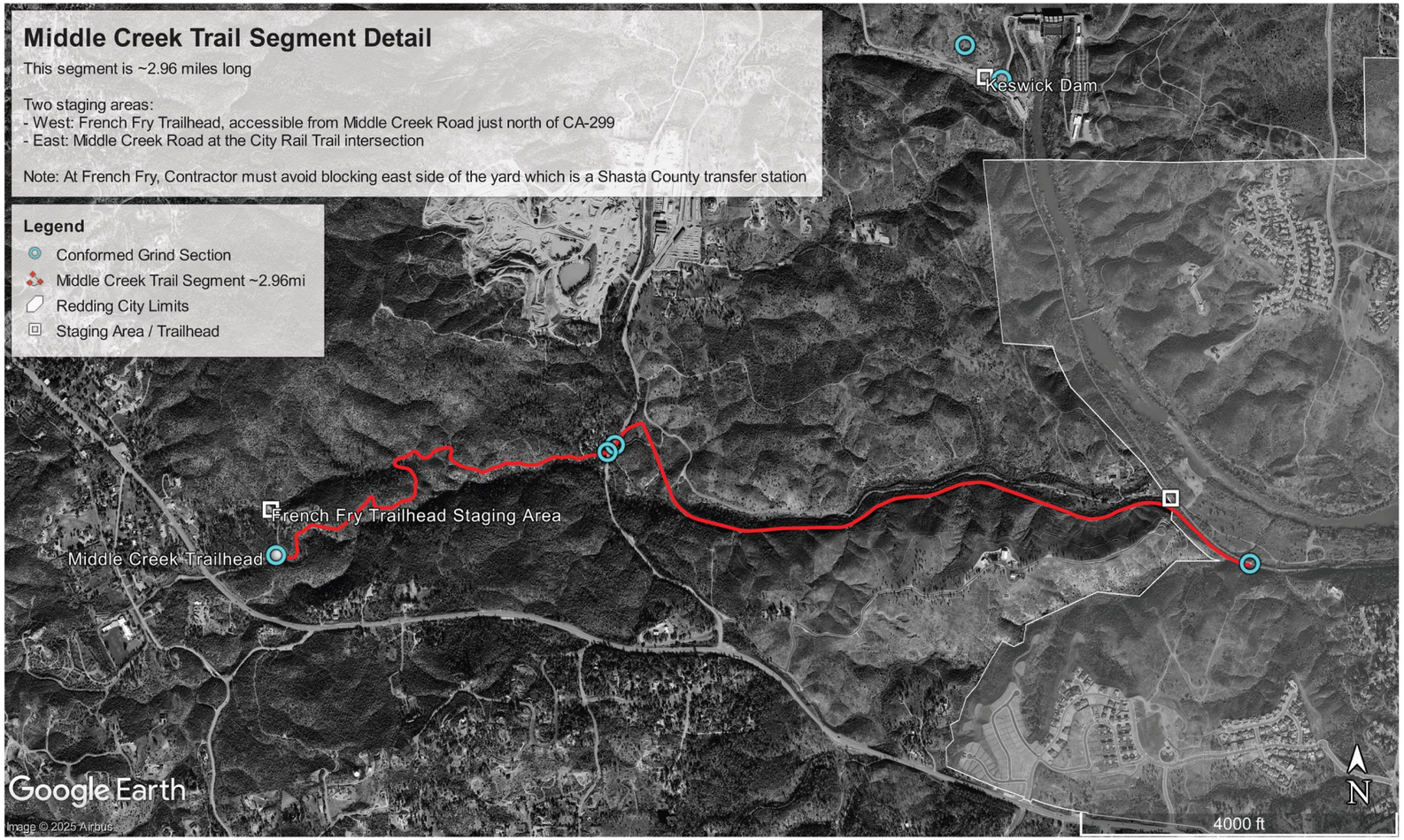

Figure 4. Middle Creek Trail Segment

EX-4 Photos

Figure 5. General Condition of Trail

Figure 6. Example of Section Requiring Crack Seal

Figure 7. Example of Full Depth Repair Section

Figure 8. Typical Conforming Detail

Figure 9. Locking Bollards Detail