

**UPPER TRYON CREEK RESTORATION PROJECT, PHASE 1
2026-1**

**ADDENDUM #1 – Precast Footings
ISSUED: April 20, 2026**

THE FOLLOWING ADDITIONS, DELETIONS, AND/OR CHANGES SHALL BE MADE AND INCORPORATED IN THE BID DOCUMENT.

1. Two Bid Items listed in the Bid Schedule Page 11 are updated. The new item numbers are in bold below. Item 11 shall include prefabricated footings. A complete and updated Bid Schedule is attached.

11	50'x16' Bridge and Footings	1	LS	\$	\$
12	Cast in Place Bridge Footings	30	CY	\$	\$

2. The Item Descriptions included in Contract Document 2.9 Technical Specifications for item 12. Cast in Place Bridge Footings are stricken and the Item Description for Item 11. 50' X 16' bridge is updated Item Descriptions as shown in Bold below. A complete updated Payment Item Description is attached.

11. 50' X 16' BRIDGE AND FOOTINGS

Measurement for this item shall be on a LUMP SUM basis. Payment shall include full compensation for furnishing all engineering, shop drawings, submittals, labor, materials, tools, equipment and incidentals, and supervision necessary for furnishing and installing the bridge **pre-cast concrete footings and bridge** superstructure and mounting the railing inserts to the bridge and the channel struts to the bridge girder.

~~12. CAST IN PLACE BRIDGE FOOTINGS~~

~~Measurement for this item shall be on a CUBIC YARD basis. Payment shall include full compensation for labor, materials, tools, equipment and incidentals for constructing the cast in place footings. Contractor is responsible for providing concrete strength testing by a third party per the contract documents.~~

3. Design Sheets included in Contract Document 2.9 Technical Specifications Sheets 25 and 26 of 27 are updated and attached to the addendum.
4. Special Condition 7. Project Access and Coordination requirements and Appendix 4. Reference Map are stricken and deleted from the Bid Documents.

No "Concrete Truck Access Route" will be used during the project and all access will use the Primary Access Route as indicated on the Plans.

Bid Schedule

This Bid Schedule must be completed in ink and included with the sealed Bid Proposal. Pricing must be provided for each Bid Item as indicated. Items marked "(SW)" are Specialty Work that must be performed by a qualified Subcontractor. The lump sum or unit cost for each item must be inclusive of all costs, whether direct or indirect, including profit and overhead. The sum of all amounts entered in the "Extended Total Amount" column must be identical to the Base Bid price entered in Section 1 of the Bid Proposal form.

AL = Allowance CF = Cubic Feet CY = Cubic Yard EA = Each LB = Pounds
 LF = Linear Foot LS = Lump Sum SF = Square Feet TON = Ton (2000 lbs)

BID ITEM NO.	ITEM DESCRIPTION	EST. QTY.	UNIT	UNIT COST	EXTENDED TOTAL AMOUNT
1	Mobilization	1	LS	\$	\$
2	Construction General Permit/SWPPP	1	EA	\$	\$
3	Erosion and Sediment Control	1	LS	\$	\$
4	Clearing, Grubbing, Construction Access	1	LS	\$	\$
5	Demolition	1	LS	\$	\$
6	Water Management	1	LS	\$	\$
7	Excavation	1	LS	\$	\$
8	Scour Log	10	EA	\$	\$
9	Log Overhang Structure	10	EA	\$	\$
10	Rootwad Structure	16	EA	\$	\$
11	50'x16' Bridge and Footings	1	LS	\$	\$
12	Stabilization Mats	26	CY	\$	\$
13	Structural Backfill	96	TON	\$	\$
14	Class V (1/4 Ton) RSP	325	TON	\$	\$
15	Gravel Road Surfacing	1	LS	\$	\$
16	Site Rehabilitation	1	LS		

* Final Pay Quantity

TOTAL BASE BID: Items 1 through _____ inclusive: \$ _____

Note: The amount entered as the "Total Base Bid" should be identical to the Base Bid amount entered in Section 1 of the Bid Proposal form.

BIDDER NAME: _____

END OF BID SCHEDULE

PAYMENT ITEM DESCRIPTION

1. MOBILIZATION

Measurement for this item shall be on a LUMP SUM basis. Payment shall include full compensation for obtaining bonds and all permits other than those obtained by the Owner, developing and submitting submittals not specifically mentioned in other items, and furnishing all labor, materials, tools, equipment and incidentals, and supervision necessary for mobilization, construction staking and survey, material handling, demobilization, and general items, including but not limited to submittals, shop drawings, coordination with Owner, and all other work required to complete the contract Documents not included in other items.

2. CONSTRUCTION GENERAL PERMIT/SWPPP

Measurement for this item shall be on a LUMP SUM basis. Payment shall include full compensation for all labor, materials, tools, equipment and incidentals, and supervision necessary for preparation, implementing, monitoring, and reporting for the project construction general permit/SWPPP.

3. EROSION AND SEDIMENT CONTROL

Measurement for this item shall be on a LUMP SUM basis. Payment shall include full compensation for all labor, materials, tools, equipment and incidentals, and supervision necessary to implement, install, maintain, and remove erosion and sediment control measures for the project. This item includes routine dust suppression, installation and maintenance of construction entrance, storm readiness preparation, spill cleanup, providing erosion/sediment control BMPs, and performing all necessary inspections and adjustments to the BMPs to comply with all applicable local, regional and federal laws, permits, and protection of cultural and historic resources. All other environmental protection measures shall be considered incidental to this item and includes all items necessary to comply with the contract Plans and permit conditions. Riparian area seed and mulch is covered in Site Rehabilitation.

4. CLEARING, GRUBBING, CONSTRUCTION ACCESS

Measurement for this item shall be on a LUMP SUM basis. Payment shall include furnishing all labor, materials, tools, equipment and incidentals, and supervision necessary for performing clearing and

grubbing, preparing construction access and staging/stock pile areas, tree removal, blackberry grubbing and off-site disposal, herbaceous material salvaging and replanting, and all other work required to complete the Contract Plans, as specified.

5. DEMOLITION

Measurement for this item shall be on a LUMP SUM basis. Payment shall include furnishing all labor, materials, tools, equipment and incidentals, and supervision necessary for demolition, removal, and disposal of existing low-water culvert crossings and fencing as specified.

6. WATER MANAGEMENT

Measurement for this item shall be on a LUMP SUM basis. Payment shall include full compensation all labor, materials, tools, equipment and incidentals, and supervision necessary for preparing/modifying water management plan(s), performing all clearwater diversion and dewatering work associated with the water management plan, installing all items and BMP's necessary for clear water diversion, work-area dewatering, nuisance water treatment and discharge, maintenance and removal of water management system and fish exclusion devices set forth in these Contract Documents.

Dewatering is limited to 1,000 foot sections of the stream length at a time and incremental dewatering is specified. This item also includes coordinating with SRA biologists who will relocate any aquatic or terrestrial species out of harm's way throughout the duration of the project and during incremental dewatering. The owner-provided biologist will install, clean and maintain exclusion nets.

7. EXCAVATION

Measurement for this item shall be on a LUMP SUM basis, Payment shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals, and supervision necessary for performing all excavation, hauling, backfill, spreading and compaction for the project as required to achieve the finished lines and grades for the project. Compaction testing will be required for compaction greater than 85% R.C. Contractor is responsible for providing third-party compaction testing and providing all results to the Owner.

8. SCOUR LOG

Scour Log structures shall be measured and paid for at the contract unit price per EACH structure

installed. Payment shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals, and supervision necessary to offload delivered logs and install and anchor the structure as specified. Owner will provide all logs.

9. LOG OVERHANG STRUCTURE

Log Cover Structures shall be measured and paid for at the contract unit price per EACH structure installed. Payment shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals, and supervision necessary to offload delivered logs and brush and install and anchor the structure as specified. Owner will provide all logs and brush.

10. ROOTWAD STRUCTURE

Rootwad Structures shall be measured and paid for at the contract unit price per EACH structure installed. Payment shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals, and supervision necessary to offload delivered logs and install and anchor the structure as specified. Owner will provide all logs and brush.

11. 50' X 16' BRIDGE AND FOOTINGS

Measurement for this item shall be on a LUMP SUM basis. Payment shall include full compensation for furnishing all engineering, shop drawings, submittals, labor, materials, tools, equipment and incidentals, and supervision necessary for furnishing and installing the bridge pre-cast footings and superstructure and mounting the railing inserts to the bridge and the channel struts to the bridge girder.

12. STABILIZATION MATS

Measurement for this item shall be on a CUBIC YARD basis. Payment shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals, and supervision necessary for preparing subgrade and constructing stabilization mats to support bridge footings.

13. STRUCTURAL BACKFILL

Measurement for this item shall be on a TON basis. Payment shall be based on certified weight tickets. This item shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals, and supervision necessary for installation of structural backfill as shown on the

contract drawings. Contractor is responsible for providing third-party compaction testing and providing all results to the Owner.

14. CLASS V (¼ TON) RSP

Measurement for this item shall be on a TON basis Payment shall be based on certified weight tickets. Payment shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals, and supervision necessary for furnishing and placement of RSP. RSP fabric is incidental to this item.

15. GRAVEL ROAD SURFACING

Measurement for this item shall be on a LUMP SUM basis. Payment shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals, and supervision necessary for furnishing, placement, and compaction of road rock as specified in the contract documents.

16. SITE REHABILITATION

Measurement for this item shall be on a LUMP SUM basis. Payment shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals, and supervision necessary for restoration to pre-construction restoration of all access routes, staging and storage areas, restoring damaged or removed fences and gates, and site cleanup. It also includes decompacting and prepping soil for seed, as specified. This item includes installation of Pasture and Riparian Seed and Mulch and distributing excess native salvaged organic materials including trees and brush across the riparian area.

Supplemental Information

- A. **Construction Staking and Survey:** Electronic files can be provided by Michael Love & Associates for use by selected Contractor to facilitate construction. The electronic files will include all alignments, profiles, surfaces, break lines, fencelines for the project sufficient for stakeout. However, not all grading shown on details is incorporated into the surface. Electronic files will be provided in Civil3D or XML format. In the event that a conflict arises between the sealed construction documents and the electronic files, the sealed construction documents shall govern. Contractor is responsible for determining if any conflict exists.

If electronic files are not requested by the Contractor, grading cross sections will be provided at roughly 25-foot intervals along the channel, and at a minimum of two locations in each alcove. The grading cross sections will provide offsets and elevations for each slope break.

Contractor shall mark location of new riparian fence (to be installed by others) during placement of fill material.

- B. **Construction General Stormwater Permit/SWPPP/Erosion and Sediment Control:** Contractor shall be responsible for preparing, obtaining approval for, and implementing the Construction General Stormwater permit and project SWPPP per the current NPDES general permit requirements. Contractor shall be responsible for all monitoring and reporting. The owner will register the project via SMARTS as the Project Proponent or Legally Responsible Party. The erosion control measures shown in the contract documents are the minimum recommended. The contractor shall adhere to the QSD/QSP specific plan of BMP's (Best Management Practices) for the project site appropriate to the phase of construction and the time of year. Back-up erosion control materials shall be stockpiled on the site to allow for timely repair and maintenance of all BMP's.

C. **Quantities:**

- a. Select quantities for project are shown in the following table. Quantities shown are estimates and may vary with actual site conditions.

Earthwork quantities are approximate in-place volumes calculated as the difference between existing ground and the proposed finished grade. The quantities have not been factored to include allowance for bulking, clearing and grubbing, subsidence, shrinkage, over-excavation, re-compaction, and construction methods. Contractor shall dispose of any suitable excess spoil in the designated soil spreading areas.

INCLUDED IN BID ITEM NO.	ITEM DESCRIPTION	EST QTY.	UNIT
4	Himalayan Blackberry Removal	0.2	AC
5	Fence Removal	2,000	FT
7	Excavation	3,140	CY
15	Gravel Road Surfacing	25	CY
16	Riparian Area for Seed and Mulch	1.5	AC
16	Pasture Area for Seed and Mulch	2.4*	AC

* Actual area may vary depending on the extent and condition of disturbed ground.

- D. **Bridge:** Bridge superstructure and pre-cast concrete bridge footings shall be furnished and installed by Contractor. Contractor shall provide structural calculations based on current AASHTO LRFD Bridge Design Specifications signed and sealed by a California registered engineer and shop drawings a minimum of 4 weeks prior to delivery of bridge. Bridge shall be a steel girder superstructure with concrete decking set on pre-cast concrete footings provided by Kernen Construction, or equivalent.

Kernen Construction,
2350 Glendale Drive, McKinleyville CA 95519
707-826-8686, jess@kernenconstruction.com

- E. **Bridge Footing Stabilization Mat:** Construction of the stabilization mats shall not commence until the Contractor provided bridge calculations and shop drawings are approved by Owner. The Owner will provide revisions to the size and thickness of the stabilization mats as needed based on final bridge engineering calculations.

Subgrade for stabilization mats shall be inspected by Owner prior to the start of stabilization mat construction. Contractor must schedule subgrade inspection with Owner minimum 3 working days prior to requested inspection.

- F. **Logs and Brush:** SRA will deliver to the worksite all logs and brush required for the project. Deliveries will occur after mobilization. Delivered log lengths will be sufficient to construct all large wood structures shown on the Project drawings. Contractor can expect to cut off log ends to achieve the

design lengths. Brush will include limbs and tree tops. Contractor shall coordinate deliveries with the SRA and is responsible for receiving and unloading materials. Contractor to cut logs and brush to specified lengths. Contractor shall dispose of all remaining brush, end-cuts, and other woody material not used in the log structures.

G. **Water Management:** Stream baseflow and groundwater will be present during construction.

Contractor shall be prepared for clearwater diversion and dewatering. SRA will provide a qualified biologist for any fisheries resource needs.

To facilitate relocation of lamprey ammocetes, Contractor shall plan for incremental dewatering over 3 days for the first 1,000 feet of channel isolated/dewatered, then an additional 2 days of incremental dewatering for the second segment of channel isolated/dewatered

H. **Demolition:** Demolition shall consist of demolition, removal and disposal of two existing low-water crossings and associated culvert and concrete rubble, removal and disposal of existing fences and fence posts, with less than 10 percent of fence posts being pressure treated.

I. **Clearing and Grubbing:** Includes the removal of small trees, brush, and downed material necessary to obtain construction access. This item shall also include:

- a. Removal and salvage of up to 10 trees with larger than 1-foot DBH, including rootwads not indicated for removal on the contract drawings.
- b. Grubbing 0.2 acres of Himalayan blackberry up to 1-foot deep, off-site disposal of grubbed vegetation,
- c. Herbaceous Material Savaging: includes excavation, salvage, delivery to a shaded staging area, and watering, and re-installation of up to 400 ~1-cy clumps of herbaceous materials identified by SRA. Contractor shall water each plant prior to re-installation with a minimum of 1 gallon of water per clump per week until completion of construction. Contractor will install salvaged material into the finished grading surface as indicated by the CO or COR.”

J. **Disposal of Excess Soil:** Once all finished grades shown in the contract documents are achieved, any excess soil shall be spread within the designated soil spreading areas within the limits of disturbance and outside of the limits of grading. Soil spread in areas outside of the new riparian fence shown on the drawings shall have all rock larger than 4 inches removed. Removed rock can be incorporated into soils placed inside the riparian fence.

K. **Site Rehabilitation and Pasture Seeding and Mulching:** Contractor shall restore to pre-construction conditions the project area by grading, ripping, disking, and site cleanup as specified. Areas to be restored include construction access entrances and routes along the floodplain and pastures, access roads, staging and storage areas, and any other areas impacted by construction activities outside of the constructed channel and alcoves. All fencing and gates removed for construction access will be re-installed unless noted otherwise on project drawings. Contractor shall hand-broadcast Pasture Seed and Riparian Seed as specified before placing weed free straw mulch over seed at specified thickness.

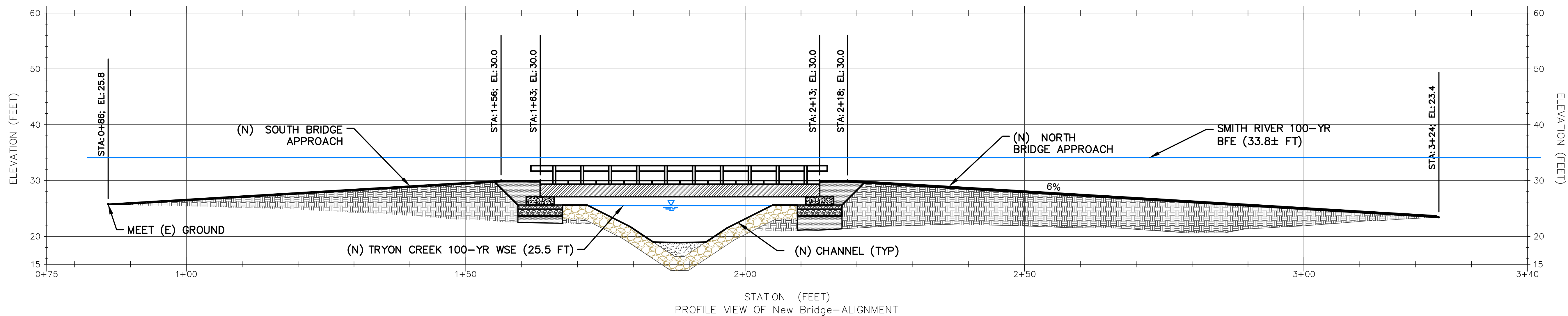
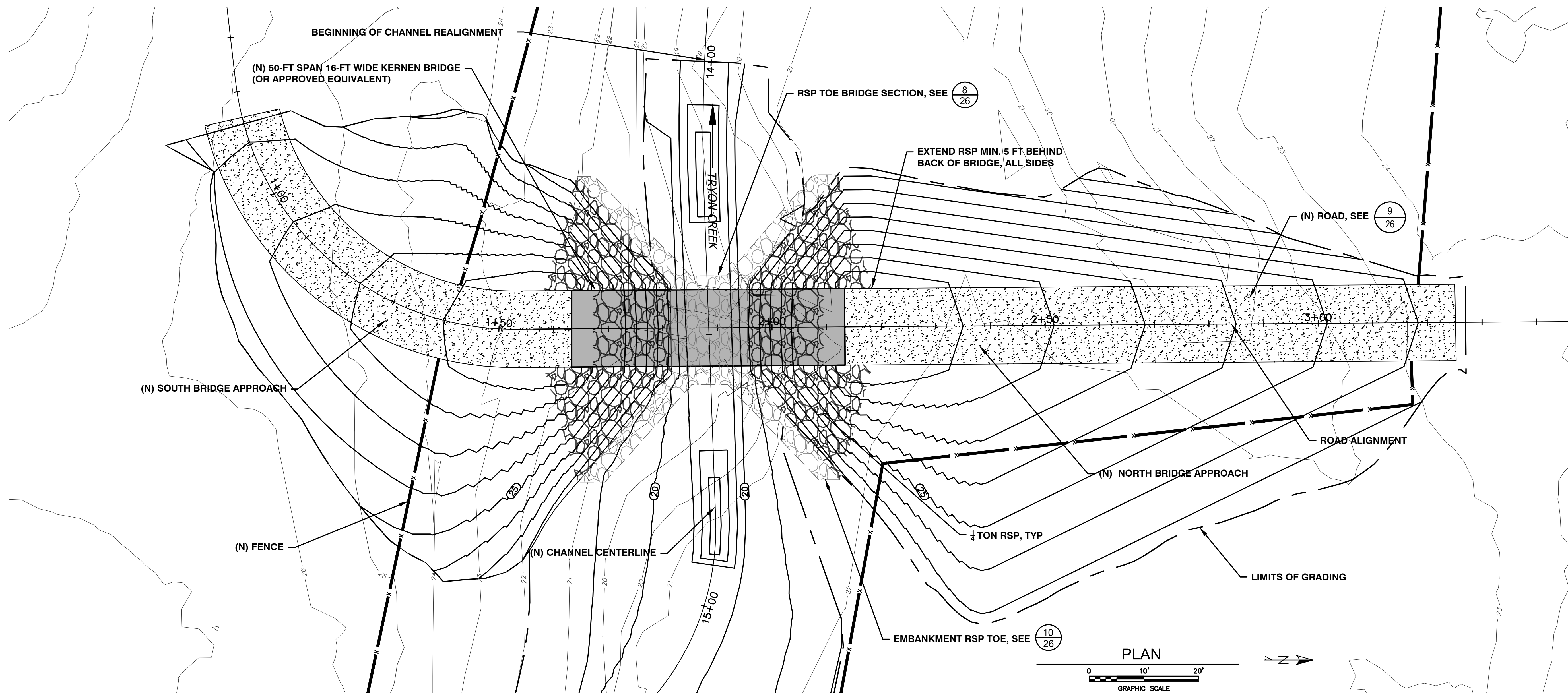
SRA will delineate the limits of Contractor seed and mulch application adjacent to the channel. Fiber rolls shall be placed as specified on slopes steeper than 4H:1V outside of the bankfull channel and alcoves. Contractor shall distribute excess salvaged native organic materials including trees and brush across the riparian area. SRA will furnish seed and install riparian fence.

L. **Required Submittals:** Contractor shall submit the following, as specified in the contract documents:

- Stormwater Pollution Prevention Plan (SWPPP)
- Water Management Plan
- Build America Buy America Materials Certifications
- Materials: RSP, structural backfill, materials for stabilization mats, fish exclusion fence material, hardware for large wood structures, steel channel strut, fence post inserts, weed free straw certification
- Bridge shop drawings and structural calculations
- Compaction curve for material used in abutment stabilization mat, as structural backfill, and as embankment backfill in bridge approaches
- Compaction test results
- Concrete mix
- Concrete break test results
- SWPPP Inspection Report and Inspection Photos

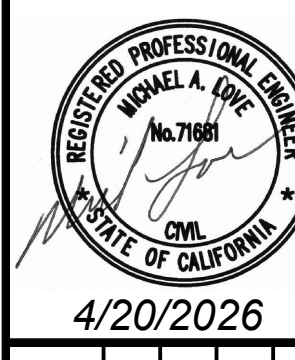
M. **Exclusions:** The following items are excluded from the project:

- a. All work to the east of Lake Earl Drive shown on the Project drawings.
- b. Furnishing logs and brush for large wood structures (unloading and installation included in contract).
- c. Furnishing Riparian and Pasture seed mixes (site preparation, seed installation, and mulching included in contract).
- d. Installation of new riparian fencing
- e. Provision of a Fish Biologist (will be furnished by the owner)



ROAD ALIGNMENT PROFILE

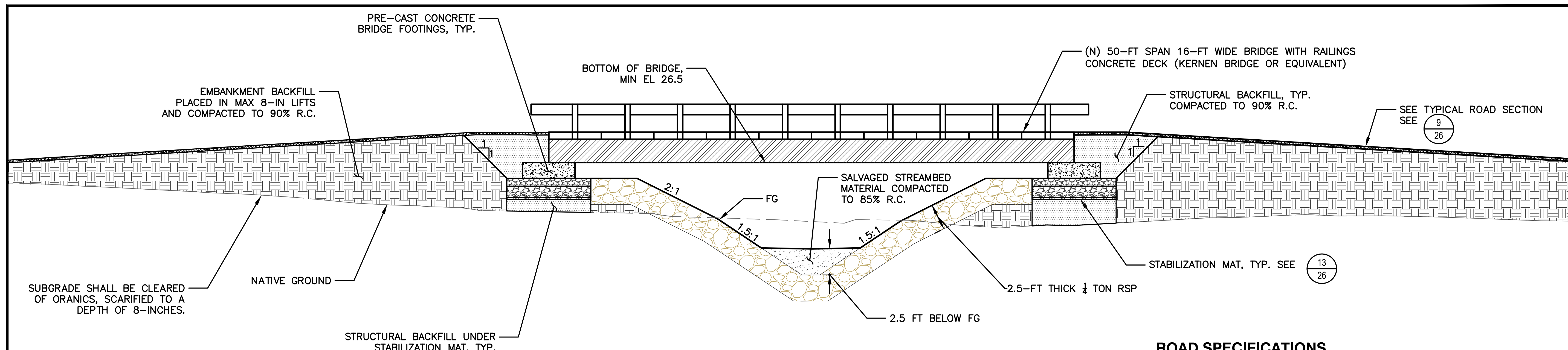
Michael Love & Associates, Inc.
 PO Box 4477 • Arcata, CA 95518 • (707) 822-2411
SMITH RIVER ALLIANCE
 PO Box 2129 • Crescent City, CA 95531



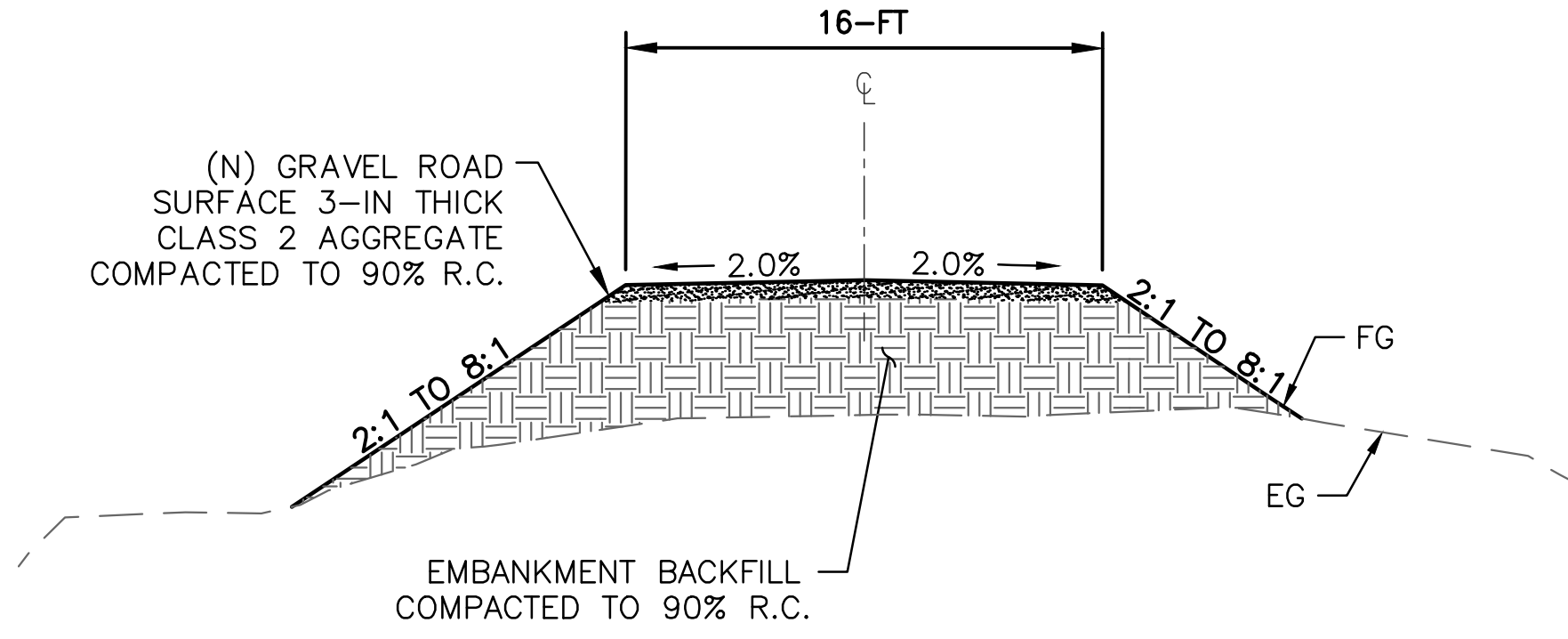
VERIFY SCALE
 THIS BAR IS
 ONE INCH LONG
 AT FULL SCALE

UPPER TRYON CREEK ENHANCEMENT PROJECT
 Del Norte, California
 BRIDGE LAYOUT

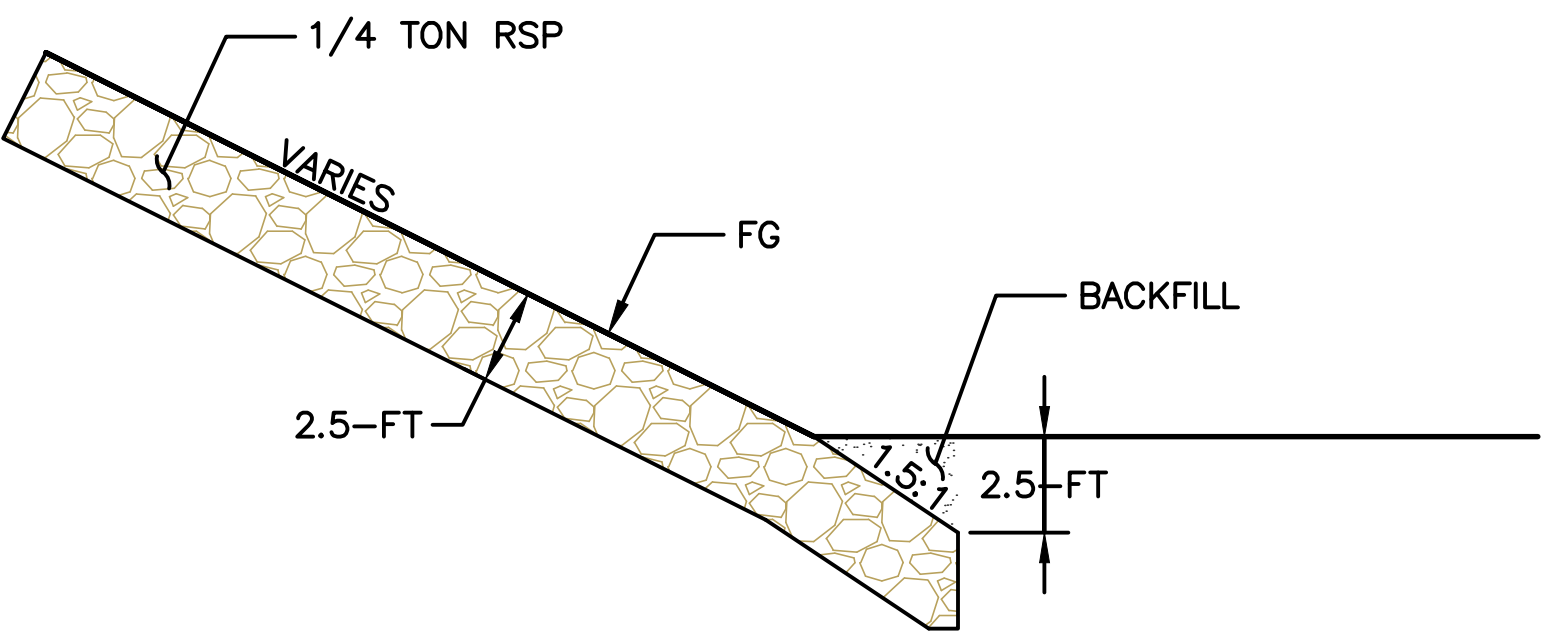
DATE: APR 2026
 SUBMITTAL:
 ADDENDUM 1
 DESIGN:
 Shea/Love
 DRAWN:
 Tauser/Silva
 SHEET:
 25 of 27



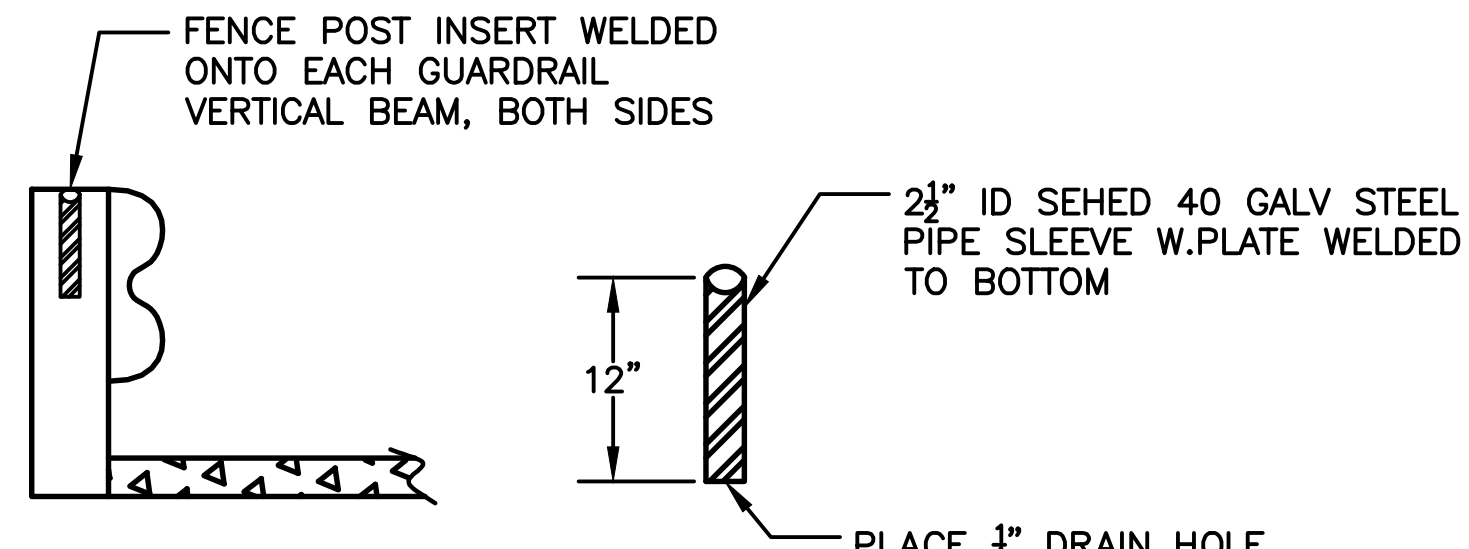
8 CHANNEL SECTION AT BRIDGE
(NTS)



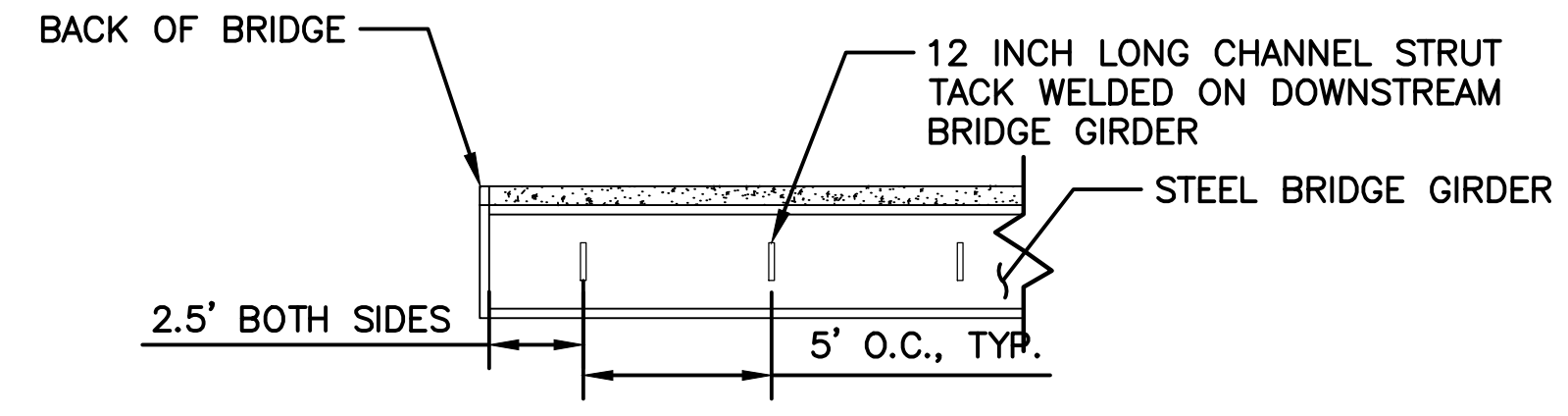
9 TYPICAL ROAD SECTION
TYPICALS (NTS)



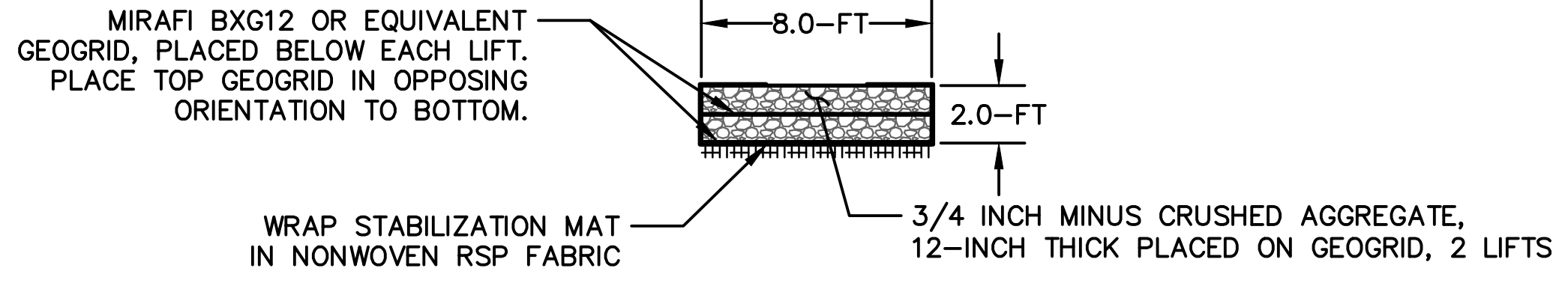
10 EMBANKMENT RSP TOE
TYPICALS (NTS)



11 FENCE POST INSERT
TYPICALS (NTS)



12 IRRIGATION PIPELINE SUPPORTS
DETAIL (NTS)



13 MULTILAYER STABILIZATION MAT
DETAIL (NTS)

ROAD SPECIFICATIONS

MATERIAL SPECIFICATIONS

- STRUCTURAL BACKFILL SHALL BE 3-INCH MINUS CLASS II AGGREGATE PLACED IN 6-INCH LIFTS AND COMPACTED AS SPECIFIED.
- EMBANKMENT BACKFILL SHALL CONSIST OF SUITABLE MATERIAL NO LARGER THAN 4-INCHES IN DIAMETER. MATERIAL SHALL BE PLACED IN 6-INCH LIFTS AND COMPACTED AS SPECIFIED.
- NEW GRAVEL ROAD SURFACING SHALL CONSIST OF 1-1/2 INCH MINUS CLASS II AGGREGATE COMPACTED AS SPECIFIED.

INSTALLATION SPECIFICATIONS

- PREPARE SUBGRADE AS SPECIFIED.
- PLACE AND COMPACT MATERIALS AS SPECIFIED. MOISTURE CONDITIONING MAY BE NECESSARY.

ROCK SLOPE PROTECTION (RSP)

MATERIAL SPECIFICATIONS

- RSP SHALL MEET MATERIAL PROPERTIES IN ACCORDANCE WITH CALTRANS, 2015 SECTION 72-2.
- RSP SHALL BE (CLASS V 1/4 TON) ROCK.
- RSP FABRIC SHALL BE NONWOVEN CLASS 8 IN ACCORDANCE WITH CALTRANS, 2015 SECTION 72-2

INSTALLATION SPECIFICATIONS

- ROCK SHALL BE PLACED IN ACCORDANCE WITH CALTRANS, SECTION 72 AND USING "METHOD A" PLACEMENT, INDIVIDUALLY PLACED ON NON-WOVEN RSP FABRIC.
- ROCK SHALL HAVE A MINIMUM OF THREE CONTACT POINTS.
- PLACE ROCK IN ROWS BEGINNING IN THE CHANNEL AND WORKING UP THE BANK.
- BACKFILL ALL VOIDS WITH SALVAGED SOIL AND COMPACT AFTER THE EACH ROW IS PLACED.

CHANNEL STRUT SPECIFICATIONS

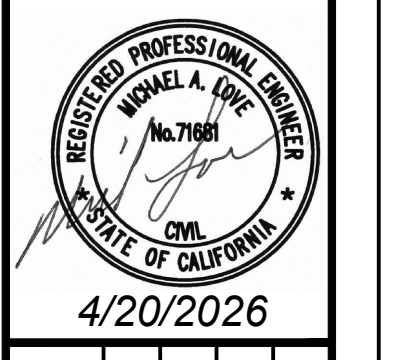
- CHANNEL STRUTS SHALL BE HOT DIPPED GALVANIZED GAUGE 12 STEEL SINGLE CHANNEL STRUTS WITH STANDARD DIMENSIONS OF 1-5/8 INCH X 1-5/8 INCH AND A 7/8 INCH OPENING.
- CHANNEL STRUTS SHALL BE CENTERED VERTICALLY ON THE FACE OF THE DOWNSTREAM STEEL BRIDGE GIRDER.
- EACH CHANNEL STRUT SHALL BE TACK WELDED ONTO THE BRIDGE GIRDER. THE WELD SHALL BE SUFFICIENT TO SUPPORT NO LESS THAN 600 LBS OF VERTICAL LOAD PER CHANNEL STRUT.

STABILIZATION MAT SPECIFICATIONS

- STABILIZATION MAT SHALL BE MADE UP OF LATERALLY CONSTRAINED MULTI LAYERED BED OF OF WELL GRADED CRUSHED AGGREGATE AND TWO LAYERS OF MIRAFI BXG12 GEOGRID OR EQUIVALENT.
- STABILIZATION MAT SHALL BE WRAPPED IN NONWOVEN RSP FABRIC.
- THE BRIDGE FOOTING LOAD SHALL BE CENTERED ON THE STABILIZATION MAT.
- THE THICKNESS OF THE STABILIZATION MAT SHALL BE A RATIO OF 1:4 WITH THE BASAL WIDTH ALONG THE ENTIRE LENGTH OF THE PRECAST BRIDGE ABUTMENT.
- THE BASE OF THE STABILIZATION MAT CLOSEST TO THE CHANNEL SHOULD BE CONSTRUCTED ON OR BEHIND A SLOPING PLANE OF 2H:1V FROM THE FINISHED CHANNEL TOE.
- EXTEND STABILIZATION MAT MIN. 18-INCHES PAST EACH END OF CONCRETE FOOTING.

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VERIFY SCALE
THIS BAR IS ONE INCH LONG AT FULL SCALE

UPPER TRYON CREEK ENHANCEMENT PROJECT
Del Norte, California
BRIDGE DETAILS

DATE: APR 2026
SUBMITTAL: ADDENDUM 1
DESIGN: Shea/Love
DRAWN: Tauzer/Silva
SHEET: 26 of 27