

INFORMATION HANDOUT

For Contract No. 01-293024

At 01-Men-101-42.1

Identified by

Project ID 0100020336

RAILROAD RELATIONS

Railroad Relations and Insurance Requirements

NORTH COAST RAILROAD AUTHORITY,
Jointly and Severally (collectively referred to as, "Railroad")

APPLICATION FOR:

Pipeline _____ Lease _____ Private Crossing _____
Commercial Crossing _____ Temporary Use _____ Environmental studies _____
Access Permit X _____ Construction _____ Other _____

Section "A" – Identity of Applicant:

1. Name of Applicant (If Corporation, give exactly as per Articles of Incorporation):
California Department of Transportation (Caltrans)
2. State of incorporation (If corporation or partnership, give names of all general partners; if proprietorship so state): N/A
3. Name and Address of person or office to which future billing for rental or fees should be sent: California Dept. of Transportation, Right of Way, Tauni Melvin, P.O. Box 3700 Eureka, CA 95502
4. Name and Phone Number of person to whom questions regarding this Application can be directed: Tauni Melvin (707) 441-5786
5. If work is to be performed by a contractor or subcontractor other than Applicant Give name, address and phone number of contractor or representative:
Contractor/subcontractor TBD. Project will be awarded 7/15/2016, at which time the Contractor will be identified

Please use the remaining space on this page to provide any additional information about the Applicant and its contractors or subcontractors that will permit the Railroad to contact, and stay in contact with, parties responsible for the design, implementation and future maintenance of the work to be performed: Once the contract is awarded (7/15/2016) Caltrans will provide the information on the contractor and Caltrans' Resident Engineer. The Design Engineer is Thien Slocum, P.E. (530) 741-4157.

Section "B" - General Description of Project:

1. Give a general description of project, including the reason the work is necessary and the parties to be served, names of proposed contractors and subcontractors, etc: Caltrans proposes to upgrade the bridge rail and the Metal Beam Guardrail (MBGR) to current design standards to benefit the traveling public.
Contractor/subcontractor TBD

2. Is this a new installation, relocation, repairs or modifications to an existing Installation? Give details: Modification of existing bridge rail and MBGR.

3. General location information: Highway 101 in Mendocino County at Post Mile 42.1, where it crosses over the NCRA.

4. Was there an agreement or any correspondence covering this or a related project with the Northwestern Pacific Railroad or other precursor company or landowner? If so, give references or attach copies: No this is a new project.

Date work scheduled to begin: Sometime after 7/15/2016

Estimated completion of work: By 12/31/2016

Date by which permits/licenses desired: 12/15/2015

5. Please provide information as to type and amount of general liability insurance carried or proposed, name of insurer or agent, and person to contact. Railroad will generally require contractor(s) to provide \$1 million unrestricted liability I insurance and certificate naming Railroad as insured party must be received and approved before work begins.

Please submit this Application with a cover letter on your firm's letterhead signed by an authorized officer, and submit with three (3) copies of a sketch or prints clearly depicting the proposed crossing or encroachment and its location.

Charges: Application fee of \$300.00 is to be remitted with completed Application. A one time initial fee, plus an annual license or encroachment fee will also be charged; this is based on current NCRA policy. The fee will be specified in the license or encroachment permit when issued. No work may begin on or over Railroad property until the license or permit has been duly issued and the initial fees paid.

Does casing terminate above ground? No _____ end only _____
Both ends _____

Is casing vented: _____ Describe vents (number, size, and height above
ground): _____

Type of material of carrier pipe elsewhere in line if different from undertrack
material. If open ditch, give depth, profile and lining information, and whether
debris screens or floodgates are used: _____

Proposed method of undertrack installation. If other than boring or jacking, a
detailed plan must be submitted and extra review time allowed.

Location of proposed pipeline crossing relative to nearest section line, measured
at right angles to the section line where pipeline will pass under
tracks: _____ ft. from (N) (S) (E) (W) (Center) line of
Section _____, Towhship _____, Range _____,
County _____ or city street: _____
City of _____.

Angle of pipeline crossing to track: _____ degree _____
Minimum.

Additional description, location information, etc: _____

Section "D" Insurance Information and Applicant's Signature:

The Railroad will ordinarily require Applicant and/or contractor(s) and subcontractor(s) to provide liability insurance in an amount of at least \$1 million before work commences or any entry is made on or over Railroad property. In executing this Application, Applicant acknowledges that it is aware of all requirements and agrees to procure insurance and furnish certificate thereof, naming the Railroad as an additional insured or co-insured under a suitable policy of insurance to cover all risks undertaken in carrying out the proposed work on Railroad's property.

I hereby certify that this Application is made and signed by me as the duly authorized officer or representative of Applicant, which agrees to pay the Application fee and all railroad required fees established by the Carrier, and upon and after commencement of the work described herein, the one time fee, and annual fees then or thereafter imposed. After applicants plans have been approved by the Carrier's duly authorized agent or engineer, all fees required by the Railroad have been paid, all safety and railroad requirements identified by the Carrier have been met, and the application fee and the first annual license fee paid, this form duly counter signed becomes the encroachment permit and authorization to proceed.

Tawni Melvin
Applicants Signature

9/24/15
Date

Tawni Melvin
Print Applicant's Name

R/W Agent / R.R. Coordinator
Print Applicant's Title

NCRA
Fees: \$ 300.00
\$ _____
\$ _____

Application Fee paid
Prepaid Annual License Fee
One time Fee

FEEES FOR ENGINEERING INSPECTION

Fees: \$ _____
\$ _____
\$ _____

Engineering Review Fee
49 CFR 214 Roadway Worker Safety Training Fee
Other One-time Fees

Return to:

NCRA
419 Talmage Road, Suite M, Ukiah, CA 95482
Fax: 707-463-3282
Email: ~~ncra_dmc@sbcglobal.net~~ ncra.hriedy@sbcglobal.net

Applicant Name Caltrans

Date of Application 9-24-15

Encroachment Approval

Mitch Stoy
North Coast Railroad
Executive Director
Title

11-23-15
date

Dukey Dornes for Dave Anderson
Engineering review
President/CEO American Rail Engineers
Title

11-23-15
date

* NOTE 72 hours notice must be given to NCRA at 707-463-3280 prior to construction and/or access.
**All fees must be paid prior to construction.

Amount Paid \$ _____
Amounts due: \$ _____



NCRA Encroachment Conditions

Caltrans' Project Number EA 01-29302 MEN-101-PM 42.1 South Willits Overhead

Permit for this Project is granted with the following understanding and requirements:

1. Caltrans and its Contractor shall be responsible for any damage to the track bed, track, or railroad embankment associated with the South Willits Overhead Bridge work and as a result of construction access within railroad right of way. The contractor shall submit a track protection plan 10 days prior to start of work for NCRA approval.
2. NCRA shall be provided a photo log of the track within the construction limits including access limits of NCRA right of way before and after construction.
3. No heavy construction trucks or other motorized equipment shall operate over the track, or on the track, or within 2 feet of the end of timber track ties. If a temporary track crossing is needed a crossing plan shall be submitted to NCRA for approval. The plan shall include: type of equipment the crossing will be used for, location, width of crossing, materials to be used and construction work plan.
4. Any disturbance of the existing ground within NCRA right of way shall be restored and properly protected from erosion. NCRA shall be provide a copy of the Contractors SWPPP approved by Caltrans.
5. Existing infrastructure/obstructions including but not limited to trees, overhead utilities, underground utilities and drainage structures within construction limits shall be the responsibility of Caltrans and its Contractors to locate and protect-in-place as required.
6. Certificate of insurance meeting NCRA's requirements as listed in NCRA's permit application shall be delivered to NCRA before access onto railroad right of way.
7. All work within NCRA right of way shall follow the attached "NCRA Best Management Practices".
8. NCRA shall be provided a minimum of 5 business written notice prior to start of construction.
9. This permit is being granted with the understanding that all construction shall be completed before regular freight service is restored. Currently there are no plans to restore freight service within the time limits of this project.
10. The Owner and its Contractor shall be responsible to obtain all required regulatory permits if any and compliance with regulatory permit conditions for work within NCRA right of way. NCRA shall be provided copies of all permits.
11. If the contractor proposes to store equipment and materials on NCRA property the areas shall be outlined and approved by NCRA.
12. No maintenance and/or fueling of equipment shall be allowed on NCRA's right of way. Any event during construction that causes a spill of any petroleum or toxic materials shall be promptly reported to the proper resource agencies and the NCRA. A spill kit shall be on site during all construction.
13. This permit is valid for 18 months of date of issuance.

BMP's for Private Encroachment Construction Activities Under .25 Acres
With No Track Work

BEST MANAGEMENT PRACTICES (BMPS)

CONSTRUCTION MEASURES

- C1** Work will not be conducted in waterways and wetlands.
- C2** Use appropriate pollution prevention controls during servicing and fueling of construction vehicles including:
- Perform fueling and servicing in designated areas located no less than 100 feet from streams, creeks, wetlands and any other native waterway.
 - When fueling, do not “top off” tanks.
 - Carry spill containment kits in all construction vehicles.
 - Use a secondary containment system such as a drain pan or drain cloth when refueling to catch spills.
 - Train all project personnel and subcontractors in proper fueling, servicing and clean up procedures
 - Develop and implement a contingency plan for leaks and spills of hazardous materials during refueling activities.
 - Report all fluid spills immediately and in accordance with the contingency plans.
 - Take appropriate action to contain spills and remove impacted media (soil) as soon as feasible in accordance with the contingency plans.
 - Collect confirmation samples to verify removal of impacted soil.
- C3** Develop stormwater pollution prevention controls to minimize soil erosion and sedimentation including:
- Control sheet flow and storm water run off from all disturbed areas using ditches, berms, weed free wattles, straw bales, and silt fencing.
 - Cover or stabilize loose soil and exposed slopes prior to the onset of any rainy season and any time that rain is forecast within 24 hours.
 - Use protective mats to minimize ground damage where vehicle travel through wetlands or other saturated soil areas cannot be avoided in temporary work areas.
 - Apply gravel to a depth of three (3) inches to access roads used during the rainy season.
 - Install sandbags or other erosion control measure to prevent silt runoff to public roadways.

BMP's for Private Encroachment Construction Activities Under .25 Acres With No Track Work

- Install silt fencing and fiber rolls around soil and gravel stockpiles between October 15 and April 15 to prevent sedimentation in nearby watercourses and wetlands.
- Stabilize stream banks prior to October 15 with riprap, native plantings, willow wattles or other biotechnical slope stabilization technique.
- Hydroseed disturbed areas before October 15 with a mixture of weed-free native and non-invasive plants that provide protection from soil erosion. The seed mixtures will be developed for each site based upon local conditions.

C4 Implement air quality controls such as the following;

- Conduct all construction activities in accordance with local and state air quality regulations
- Water all active project areas at least twice a day if needed in dry conditions.
- Do not conduct rehabilitation activities that create dust during inappropriate wind conditions.
- Conduct any spraying of herbicides in accordance with the approved herbicide spraying plan.
- All equipment will comply with appropriate air quality regulations.
- Cover all trucks hauling soil, sand, and other loose materials or require that all trucks have a least two feet of freeboard.
- Sweep streets if visible soil material is carried onto adjacent streets.
- Enclose, cover, water twice daily or apply soil stabilizers to exposed stockpiles.
- Limit traffic speeds on unpaved roads to 15 miles per hour.
- Replant groundcover herbaceous vegetation in disturbed areas as soon as possible to prevent or reduce dirt and dust in the air.
- Minimize equipment idling time.

GEOLOGY AND SOILS

- G1** Implement soil erosion control measures such as the use of runoff diversions, silt fences and filter socks. Site-specific measures shall be determined prior to rehabilitation activities being started. Implement Measure R4.
- G2** Hydroseed or place erosion control materials on areas that have been graded or disturbed to avoid the deposition of sediment into nearby waterways.

BMP's for Private Encroachment Construction Activities Under .25 Acres
With No Track Work

WATER RESOURCES

W1 The project will comply with the National Pollution Discharge Elimination System (NPDES) permit process and file a Notice of Intent (NOI) and SWPPP to the Regional Water Quality Control Board (RWQCB), as necessary.

NOISE AND VIBRATION

NV1 In order to reduce construction noise at nearby receptors, the following noise abatement measures will be implemented:

- Construction activities generating noise in excess of the CNEL limit (usually 50 db) will not occur between 7:00 p.m. and 7:00 a.m. or on weekends and holidays in residential areas.
- Activities will not include the use of heavy equipment that could result in excessive vibration which could have a significant impact on historical buildings or structures near the railroad line.
- All internal combustion engines will be equipped with a muffler of a type recommended by the manufacturer.
- Equipment will be turned off during long periods (>1/2/ hour) of non-use.
- Locate stationary noise-generating equipment away from noise sensitive receptors such as residences. The appropriate distance will be determined by a qualified noise engineer.
- All equipment is to be maintained and operators are to be trained in their proper use.

ENERGY

E1 Implement energy conservation measures during construction such as:

- Passenger vehicles and trucks may not be left idling for longer than 10 minutes.
- Material deliveries by truck will be consolidated and deliveries made during off-peak hours.

BIOLOGY

B1 Site access, staging, storage, and parking areas shall be located on ruderal (weedy), disturbed or developed lands not containing native vegetation.

B2 Vehicle travel adjacent to wetlands and riparian areas shall be limited to existing roads and designated access paths.

B3 Sensitive natural communities (i.e., wetlands, waters, and riparian zones) shall be conspicuously marked in the field and work activities shall be limited to outside the marked areas.

BMP's for Private Encroachment Construction Activities Under .25 Acres
With No Track Work

- B4** Qualified biologists shall monitor activities that could potentially cause impacts on adjacent sensitive biological resources such as streams and wetland areas. The monitoring biologist will have the authority to suggest means of avoiding impacts and stop work, if necessary.
- B5** Where it is feasible to avoid protected trees, keep vehicles and mechanical equipment outside the drip line of these trees. In areas where oaks or other protected trees cannot be avoided, replace trees removed with the same native tree species at a minimum 3:1 ratio, or as required by applicable ordinance(s). Prior to removal of any tree during the nesting season (March 1 through August 15) trees should be inspected by a qualified biologist for active nests. If the nest is active the tree should not be removed until after fledging is confirmed.
- B8** Herbicide applications shall only be used in accordance with the herbicide spraying plan approved by the RWQCB and manufactures directions and shall be confined to within the right-of-way. Only herbicides approved for aquatic habitats will be used in areas adjacent to open waters and wetland habitats.

TRAFFIC

- T1** A construction phasing/sequencing and traffic management plan will be developed and implemented to avoid traffic impacts during rehabilitation activities.

HISTORIC RESOURCES

- HR1** A worker education program shall be developed and presented to all project personnel before they start working areas that have sensitive historic resources adjacent to the project.

The education program shall summarize relevant laws and regulations that protect historic resources, discuss sensitive resources with the potential to occur in the work zone, explain the role and authority of the cultural resource monitors and review applicable avoidance and minimization measures to protect sensitive resources.

| | | | | |
|------|--------|-------|-------------------|------------------------|
| DIST | COUNTY | ROUTE | POST MILE PROJECT | SHEET NO. TOTAL SHEETS |
| 03 | Mon | 101 | 42.1 | |

PRELIMINARY PLANS
 REGISTERED CIVIL ENGINEER DATE

PLEASE APPROVAL DATE

WE WILL BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION CONTAINED ON THESE PLANS.

ACCEPTED

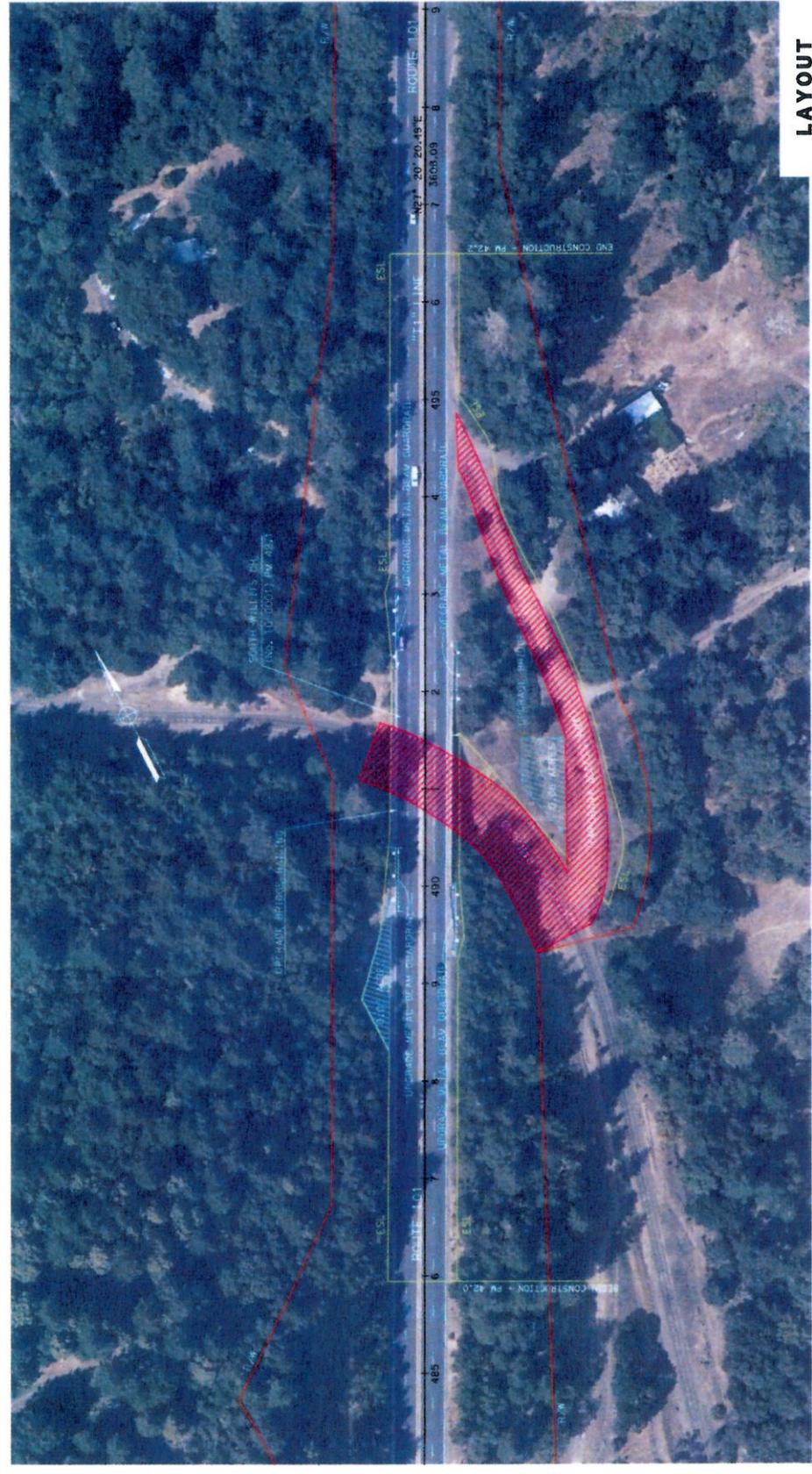
THIEN H. SLOCUM
 No. C 17293
 Exp. 08-31-15

LEGEND:

- STAGING AREA (0.13 ACRES)
- TEMPORARY ACCESS ROAD
- ENVIRONMENTAL STUDY LIMITS
- RIGHT OF WAY

NOTES:

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



LAYOUT
 NO SCALE L-1

| | | | | | | |
|--|--|--|-----------------------|---------------------------------------|---------|--------------|
| STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION | DESIGN | CHARLES W. LAUGHLIN | FUNCTIONAL SUPERVISOR | THIEN H. SLOCUM | REVISOR | DATE REVISOR |
| BOORDER LAST REVISED 7/2/2010 | USERNAME → 113940 GWS FILE → Access Rd1 Road01.you1.dgn | RELATIVE HORIZ. SCALE 1" = 15' IN TYPICAL | UNIT 0310 | PROJECT NUMBER & PHASE 01000203360 | | |