

INFORMATION HANDOUT

For Contract No. 03-2F9904
At 03-Sac-160-R0.0/12.0

Identified by
Project ID 0312000027

ENCROACHMENT PERMITS

[Central Valley Flood Protection Board \(CVFPB\) Letter of Authorization \(LOA\)](#)

[Brannan-Andrus Levee Maintenance District Standard Terms & Conditions](#)

MATERIALS INFORMATION

[Water Source Information](#)

DEPARTMENT OF TRANSPORTATION

DISTRICT 3
703 B STREET
MARYSVILLE, CA 95901
PHONE (530) 741-4233
FAX (530) 741-4245
TTY 711



*Flex your power!
Be energy efficient!*

February 14, 2014

MR. LEN MARINO, P.E.
Chief Engineer
Central Valley Flood Protection Board
3310 El Camino Avenue, Suite 151
Sacramento CA 95821

Re: Letter of Authorization Request
CALTRANS Capital Preventive Maintenance Project
Project ID 0312000027 (Expenditure Authorization 03-2E990)
On Hwy 160 from Rio Vista to south of Walnut Grove

Dear Mr. Marino,

Caltrans, District 3, is working on the Plans, Specifications, and Estimate (PS&E) for a project in Sacramento County, on Highway 160, from near Route 12 to near Route 220; Highway Post Miles are from 0.03 to 4.14 & from Post Mile 5.03 to 11.70. The project is scheduled to begin/end construction in 2015.

The project scope of work is the following:

- 1- Remove 0.25' of the existing asphalt from edge of pavement to edge of pavement and replace with new 0.25' of asphalt pavement (Rubberized Hot Mix Asphalt).
- 2- Seal cracks wider than 0.25".
- 3- Replace or upgrade Dikes to current standards.
- 4- Replace in kind the center-line Rumble Strips and all Traffic Striping.
- 5- Reconstruct existing Metal Beam Guard Railing to 29".
- 6- Other miscellaneous related activities include: Construction area signs, Storm Water Best Management Practices (BMP's), Traffic control systems, Portable Changeable message signs, Replace Delineators, Object markers, and Pavement Markers.

Caltrans Environmental has determined the project will be a Categorical Exemption under the California Environmental Quality Act (CEQA), and a Categorical Exclusion under the National Environmental Policy Act (NEPA).

All work will be performed within Caltrans Right of Way.

Caltrans will comply with the following conditions:

- Only the work described shall be performed.
- The work on the levee section(s) shall conform to Title 23 standards.

- Project area shall be restored to at least the same conditions that existed prior to start of work. Soil cuttings, grout wastes, and debris resulting from grinding activities will be removed from the site.
- Caltrans will be responsible for any and all damages to the levee, floodway and adjacent properties resulting from this project.
- Caltrans will obtain the approval of the local maintaining agency (LMA) – e.g. Reclamation District, Levee District, State Maintenance area, County, etc. - prior to start of work.
- Caltrans will notify the Department of Water Resource's Flood Project Inspection Section at (916) 574-0609, at least 10 days prior to start of work.
- Caltrans understand this authorization does not relieve Caltrans of the responsibility to obtain authorization from all concerned Federal, State and local agencies or to satisfy any California Environmental Quality Act (CEQA) requirements.
- In addition to the above, Caltrans will also comply with the Terms and Conditions from the BALMD Maintenance District that are attached to this letter.

Caltrans considers the proposed project a minor alteration within an adopted plan of flood control and the project will not be injurious to the adopted plan of flood control. Therefore per CCR, Title 23, Article 3, Section 6 (e), Caltrans requests your authorization of this project.

Sincerely,



ROSANA O. PEA
P.E., Design Branch S07
CALTRANS
(530) 741-4552

Attachments: BRANNAN-ANDRUS Terms & Conditions Acceptance
BRANNAN-ANDRUS Endorsements
DISTRICT 0003 Endorsements
Environmental Approval
Environmental Assessment Questionnaire
Title Sheet
Typical Section

The requested authorization is hereby approved.

Approved by: 
For Len Marino, P.E., Chief Engineer
Central Valley Flood Protection Board

Date: 2/21/14

BRANNAN-ANDRUS LEVEE MAINTENANCE DISTRICT

Office of the District Secretary
Post Office Box 929
Walnut Grove, California 95690-0929

STANDARD TERMS AND CONDITIONS GOVERNING ENCROACHMENTS AND ENCROACHMENT ACTIVITIES

(As amended June 12, 2008)

Details of Proposed Encroachment or Maintenance Work

1. Location: Within Sacramento County on State Route 160 from 0.03 miles north of the intersection with Route 12 to PM 4.14 and from PM 5.02 to the Isleton Bridge. PM 4.14 to PM 5.02 is excluded from the scope of work.
2. Description
 - 2.1 Remove 0.2 feet of existing roadway asphalt and replace with new (rubberized hot mixed asphalt);
 - 2.2 Dig out and repair areas of severe pavement failure;
 - 2.3 Seal cracks wider than 0.25 inch;
 - 2.4 Replace or upgrade dikes to current standards;
 - 2.5 Replace in-kind the centerline rumble strips and traffic striping;
 - 2.6 Reconstruct existing wood post metal beam guardrail to current standard height.

Standard Terms and Conditions: (Where Applicable)

1. Progress of Work
 - 1.1 Substantial Compliance
 1. All work shall be in substantial compliance with the exhibits submitted to support the application authorized, and as modified by any supplemental conditions herein, and hereby made a part of this permit by reference. No work other than covered by this permit shall be done at this location without the prior approval of District.
 2. All work shall be in conformance with the standards and guidelines of the California State Central Valley Flood Protection Board, and its successor agencies, governing work on or near the levees as contained in the California Code of Regulations, Title 23, Division 1, Chapter 1. In particular, Permittee is directed to Article 8 §112 (b) whereby "Banks, levees, and channels of floodways along any stream, its tributaries, or distributaries may not be excavated, cut, filled, obstructed, or left to remain excavated during the flood season". For levees adjoining the Sacramento River, Georgiana Slough, Mokelumne River, and Sevenmile Slough no such activities may take place

State Route 160 Roadway Maintenance: Within Sacramento County on State Route 160 from 0.03 miles north of the intersection with Route 12 to PM 4.14 and from PM 5.02 to the Isleton Bridge. PM 4.14 to PM 5.02 is excluded from the scope of work.

between November 1 and April 15. For levees adjoining the San Joaquin River no such activities may take place between November 1 and July 15.

2. Modifications or Improvements: Permittee may not alter or remove any portion of the encroachment or improvement herein authorized without obtaining clearance from District.
3. Notification of Commencement: The postal card attached hereto shall be mailed to the office of the District Engineer at least three (3) business days prior to the commencement of the above described work.
4. Property Rights or Title: Permittee shall acquire no easement or property right in or to the property or right of way of District by virtue of this permit and the District does not hereby relinquish any right of title therein.
5. Release of Liability and Waiver of Claim for Injury, Damage, or Loss
 - 5.1 Permittee will hold and save District harmless of and from any liability which may be incurred through injury to person or damage to property arising out of or connected with the construction or installation of the encroachment above described, and from any such liability arising out of or connected with the maintenance and operation of such encroachment, except where maintenance thereof is herein accepted by District.
 - 5.2 Permittee agrees to waive any claim for injury or damage or loss arising out of the overtopping or failure of District levees and expressly assumes the risk of such overtopping or failure. Permittee further agrees to adopt means, as approved by the District Board, whereby any person occupying the facilities of Permittee will agree to assume the risk of levee overtopping or failure and to waive any and all claims against District as a result of such overtopping or failure.
6. Vegetation Maintenance: Permittee shall be responsible for the control and maintenance of vegetation in the area of the encroachment hereby permitted, and extending 10 feet therefrom in any direction. Such vegetation management practices shall be subject to the approval of the District Superintendent. The Permittee shall reimburse District for any added costs associated with levee maintenance in the immediate vicinity, in the event Permittee fails to abide by this stipulation.
7. Encroachment Maintenance, Repair, Replacement or Relocation
 - 7.1 Except as herein otherwise provided, all cost of maintenance, repair and replacement of the encroachment above described shall be borne by Permittee. Permittee shall, whenever instructed by District to do so, repair, replace or relocate such encroachment in the manner prescribed by District whenever District shall determine that such repair, replacement or relocation is required in the interest of District. Any such repair, replacement or relocation ordered by District which shall not have been performed by Permittee within thirty (30) days after written notice has been given by

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District of such required repair, replacement or relocation may be performed by District, at Permittee's expense, and Permittee shall promptly reimburse District thereof. Note: an exception to the 30-day performance deadline is provided for below as may be necessary under emergency conditions.

- 7.2 District reserves the right to access to the portion of its easement and right of way for such maintenance, repairs or alterations of District facilities or of the facilities described above as may be required for reclamation purposes. District shall not be responsible for any damage done to surface improvements of Permittee whether herein permitted or otherwise where necessary as part of the ordinary and necessary access to or exercise of its easement and right of way for reclamation purposes and need not replace any paving, black top or other improvement required to be removed in the process of such maintenance, rehabilitation or emergency response. Permittee shall reimburse District for any increased cost of such access occasioned by the improvement of Permittee described herein.
8. Temporary Relocation or Removal Under Emergency Conditions: In the event of high water or flood conditions and upon notification from the District, Permittee shall immediately remove or relocate the subject encroachment to facilitate the District's response efforts.
9. Reimbursement of Excess Expenses Associated with Encroachment Request: Permittee agrees to reimburse the District for any excess administrative and engineering expenses associated with processing this permit request and any construction monitoring to observe levee performance or verify compliance with the terms and conditions herein.
10. Other Agency Permits. This authorization does not obviate the need to obtain other governmental permits, approvals, or authorizations required by law. It is the Permittee's responsibility to verify which authorizations are required, to secure and retain evidence that all other governmental requirements have been satisfied, and to make such evidence available upon District's request. Failure to secure all the necessary governmental sanctions is grounds for revocation of this permit. Agencies of jurisdiction may include, and may not be limited to the US Army Corps of Engineers and the State of California Central Valley Flood Protection Board, Central Valley Regional Water Quality Control Board, Dept. of Fish and Game, State Lands Commission, their successor agencies, and the municipality within whose boundaries the project is located.
11. Revocation or Termination
 - 11.1 Permit is revocable in whole or in part by District on thirty (30) days written notice to Permittee when such revocation is determined by the Board of Directors to be necessary for District purposes.
 - 11.2 Upon the failure of Permittee to conform to any of the covenants and conditions

State Route 160 Roadway Maintenance: Within Sacramento County on State Route 160 from 0.03 miles north of the intersection with Route 12 to PM 4.14 and from PM 5.02 to the Isleton Bridge. PM 4.14 to PM 5.02 is excluded from the scope of work.

herein specified this permit shall, at the option of District, cease and terminate and District may remove the encroachment or improvement above described together with any appurtenances thereto located within the easement and right of way of District and Permittee shall promptly pay to District all costs and expenses incurred in such removal.

- 11.3 Permit may be subject to revocation unless work contemplated hereunder is initiated within one year from the date hereof and diligently prosecuted to completion.
12. Method of Acceptance: Permittee shall indicate acceptance of this permit, and terms and conditions thereof, by executing the form of acceptance of this permit and returning all copies to the District Secretary at Post Office Box 929, Walnut Grove, California 95690. A fully executed copy will be returned to the Permittee upon signature of the District's representative.
13. Effective Date of Permit: Permit shall not become effective unless accepted and signed by Permittee and returned to the District Secretary within thirty (30) days of issuance by the District, together with any excess processing fees due District for which an invoice is attached. Permittee failing to execute and return the permit documents within thirty days from issue date must file for a new encroachment permit or forego the permitted activity.

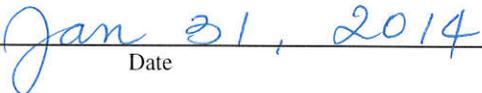
END OF STANDARD TERMS AND CONDITIONS

ACCEPTANCE

The undersigned Permittee (Permittee Representative), hereby agrees to the above terms and conditions governing the proposed work with the District's jurisdiction, and acknowledges receipt of a copy hereof.



Signature



Date

Contact Information:

Nesar Formoli
Caltrans District 3
703 B Street, Marysville, CA 95901
503-741-4462
nesar_formoli@dot.ca.gov

Maesaka Jr, Jerry T@DOT

From: Ahad, Gulalai@DOT
Sent: Friday, October 10, 2014 10:09 AM
To: Maesaka Jr, Jerry T@DOT
Subject: FW: Potential Source for Recycled Water
Attachments: 051007.Summary of Acceptable RW Uses(1).pdf

From: Ramirez, Jose (SDA) [<mailto:ramirezj@sacsewer.com>]

Sent: Friday, October 10, 2014 10:03 AM

To: Ahad, Gulalai@DOT

Cc: Underwood, Dave; Williams, Forrest; Kern, John; Eng, Kellie; Huot, Mike; Ocenosak, David (SDA); Darting, Gayleen (SDA); Anaya, Lisseth (SDA)

Subject: RE: Potential Source for Recycled Water

Ms. Ahad,

The Sacramento Regional County Sanitation District (Regional San) currently produces about 130 million gallons per day (MGD) of secondary effluent and up to 3 MGD of tertiary recycled water at the Sacramento Regional Wastewater Treatment Plant (SRWTP) in Elk Grove, CA. The vast majority of the secondary effluent is currently discharged year-round into the Sacramento River near the Town of Freeport. The tertiary recycled water is produced seasonally, from about May to October, and is wholesaled to the Sacramento County Water Agency (SCWA) for distribution in select areas of the City of Elk Grove. A small portion of the secondary effluent and the tertiary recycled water is used at the SRWTP for non-potable purposes, e.g. industrial use, landscape irrigation, etc.

Regional San is currently coordinating with the California Department of Public Health, the Regional Water Quality Control Board, SCWA, and other stakeholders to evaluate the feasibility of expanding our Water Recycling Program to provide connections for water trucks to obtain recycled water directly from the SRWTP and SCWA facilities. We anticipate our evaluation and potential project implementation to be completed by the summer of 2015.

For your reference, attached to this email is a spreadsheet that summarizes the types of recycled water uses allowed in California.

During this time of severe drought in California, availability of recycled water is uncertain. If, during the duration of your project, which is expected to start in the summer of 2015, recycled water is available and a direct connection for trucks is in place, Regional San will do its best to accommodate your needs.

I hope that the above response helps to meet your needs at this time. Feel free to contact me if you have any further questions regarding our Water Recycling Program.

Best,
José

José R. Ramírez, P.E.
Senior Civil Engineer
Sacramento Regional County Sanitation District
10060 Goethe Road
Sacramento, CA 95827
Phone: 916.876.6059 Fax: 916.876-6160

From: Ahad, Gulalai@DOT [<mailto:gulalai.ahad@dot.ca.gov>]

Sent: Thursday, October 09, 2014 1:52 PM

To: Ramirez. Jose (SDA)

Subject: Potential Source for Recycled Water

Hello Jose,

Per our conversation, please find attached an example letter indicating that Regional Sac may be a potential source for recycled water. Feel free to change the wording as you see fit.

I would appreciate you letting me know you received this email. As I mentioned on the phone we are very close to advertising this project and need to receive a response from Regional Sac as soon as possible.

Your prompt attention is greatly appreciated.

Thank you,

Gulalai Ahad, PE

North Region Division of Engineering (M4)

530-741-5160

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Recycled Water Uses Allowed In California ¹

Irrigation	Treatment Levels			
	Undisinfected Secondary Recycled Water	Disinfected Secondary-23 Recycled Water	Disinfected Secondary-2.2 Recycled Water	Disinfected Tertiary Recycled Water
Food crops where recycled water contacts the edible portion of the crop, including all root crops	Not allowed	Not allowed	Not allowed	Allowed
Parks and playgrounds	Not allowed	Not allowed	Not allowed	Allowed
School yards	Not allowed	Not allowed	Not allowed	Allowed
Residential landscaping	Not allowed	Not allowed	Not allowed	Allowed
Unrestricted access golf courses	Not allowed	Not allowed	Not allowed	Allowed
Any other irrigation uses not prohibited by other provisions of the California Code of Regulations	Not allowed	Not allowed	Not allowed	Allowed
Food crops where edible portion is produced above ground and not contacted by recycled water	Not allowed	Not allowed	Allowed	Allowed
Cemeteries	Not allowed	Allowed	Allowed	Allowed
Freeway landscaping	Not allowed	Allowed	Allowed	Allowed
Restricted access golf courses	Not allowed	Allowed	Allowed	Allowed
Ornamental nursery stock and sod farms	Not allowed	Allowed	Allowed	Allowed
Pasture for milk animals	Not allowed	Allowed	Allowed	Allowed
Nonedible vegetation with access control to prevent use as a park, playground or school yard	Not allowed	Allowed	Allowed	Allowed
Orchards with no contact between edible portion and recycled water	Allowed	Allowed	Allowed	Allowed
Vineyards with no contact between edible portion and recycled water	Allowed	Allowed	Allowed	Allowed
Non food-bearing trees, including Christmas trees not irrigated less than 14 days before harvest	Allowed	Allowed	Allowed	Allowed
Fodder crops (e.g. alfalfa) and fiber crops (e.g. cotton)	Allowed	Allowed	Allowed	Allowed
Seed crops not eaten by humans	Allowed	Allowed	Allowed	Allowed
Food crops that undergo commercial pathogen-destroying processing before consumption by humans	Allowed	Allowed	Allowed	Allowed
Ornamental nursery stock, sod farms not irrigated less than 14 days before harvest	Allowed	Allowed	Allowed	Allowed

Supply for Impoundment	Treatment Levels			
	Undisinfected Secondary Recycled Water	Disinfected Secondary-23 Recycled Water	Disinfected Secondary-2.2 Recycled Water	Disinfected Tertiary Recycled Water
Non-restricted recreational impoundments, with supplemental monitoring for pathogenic organisms	Not allowed	Not allowed	Not allowed	Allowed ²
Restricted recreational impoundments and publicly accessible fish hatcheries	Not allowed	Not allowed	Allowed	Allowed
Landscape impoundments without decorative fountains	Not allowed	Allowed	Allowed	Allowed

Supply for Cooling or Air Conditioning	Treatment Levels			
	Undisinfected Secondary Recycled Water	Disinfected Secondary-23 Recycled Water	Disinfected Secondary-2.2 Recycled Water	Disinfected Tertiary Recycled Water
Industrial or commercial cooling or air conditioning involving cooling tower, evaporative condenser, or spraying that creates a mist	Not allowed	Not allowed	Not allowed	Allowed ³
Industrial or commercial cooling or air conditioning not involving a cooling tower, evaporative condenser, or spraying that creates a mist	Not allowed	Allowed	Allowed	Allowed

NOTES

¹ Refer to the full text of the latest version of Title-22: California Water Recycling Criteria. This chart is only a guide.

² With "conventional tertiary treatment." Additional monitoring for two years or more is necessary with direct filtration.

³ Drift Eliminators and/or biocides are required if public or employees can be exposed to mist.

⁴ Refer to Groundwater Recharge Guidelines, California Department of Health Services.

****The information presented here is based on a summary prepared by the *WaterReuse Association*.**

Other Uses	Treatment Levels			
	Undisinfected Secondary Recycled Water	Disinfected Secondary-23 Recycled Water	Disinfected Secondary-2.2 Recycled Water	Disinfected Tertiary Recycled Water
Groundwater recharge	Allowed under special case-by-case permits by RWQCBs ⁴			
Flushing toilets and urinals	Not allowed	Not allowed	Not allowed	Allowed
Priming drain traps	Not allowed	Not allowed	Not allowed	Allowed
Industrial process water that may contact workers	Not allowed	Not allowed	Not allowed	Allowed
Structural fire fighting	Not allowed	Not allowed	Not allowed	Allowed
Decorative fountains	Not allowed	Not allowed	Not allowed	Allowed
Commercial laundries	Not allowed	Not allowed	Not allowed	Allowed
Consolidation of backfill material around potable water pipelines	Not allowed	Not allowed	Not allowed	Allowed
Artificial snow making for commercial outdoor uses	Not allowed	Not allowed	Not allowed	Allowed
Commercial car washes not done by hand & excluding the general public from washing process	Not allowed	Not allowed	Not allowed	Allowed
Industrial boiler feed	Not allowed	Allowed	Allowed	Allowed
Nonstructural fire fighting	Not allowed	Allowed	Allowed	Allowed
Backfill consolidation around nonpotable piping	Not allowed	Allowed	Allowed	Allowed
Soil compaction	Not allowed	Allowed	Allowed	Allowed
Mixing concrete	Not allowed	Allowed	Allowed	Allowed
Dust control on roads and streets	Not allowed	Allowed	Allowed	Allowed
Cleaning roads, sidewalks and outdoor work areas	Not allowed	Allowed	Allowed	Allowed
Flushing sanitary sewers	Allowed	Allowed	Allowed	Allowed