



BOARD OF SUPERVISORS
AGENDA LETTER

Agenda Number:

Clerk of the Board of Supervisors
105 E. Anapamu Street, Suite 407
Santa Barbara, CA 93101
(805) 568-2240

Department Name: Public Works
Department No.: 054
For Agenda Of: April 15, 2008
Placement: Administrative
Estimated Tme: N/A
Continued Item: No
If Yes, date from:
Vote Required: Majority

0415-25

TO: Board of Supervisors APR 15 2008
FROM: Department Scott McGolpin, Director, Department of Public Works, 568-3010
Director(s)
Contact Info: Dacé Morgan, Deputy Director, Transportation, 568-3064 DBM
SUBJECT: Construction of Culvert Replacement and Cable Mesh Drapery System on Stagecoach Road in the 3rd District; County Project Nos. 862263 and 862266, Federal Project Nos. 4200 (008) and 4200 (009)

County Counsel Concurrence

As to form: No

Auditor-Controller Concurrence

As to form: No

Other Concurrence:

As to form: No

Recommended Actions:

That the Board of Supervisors:

- A. Approve the Project and Notice of Exemption pursuant to the County's California Environmental Quality Act (CEQA) guidelines for the Construction of Culvert Repairs and Cable Mesh Drapery System on Stagecoach Road in the 3rd District, County Project No. 862263 and 862266; and
- B. Authorize the Director of Public Works to advertise for construction bids for the Construction of Culvert Repairs and Cable Mesh Drapery System on Stagecoach Road in the 3rd District, County Project No. 862263 and 862266.

Summary Text:

Two storm damage projects are located on this segment of Stagecoach Road in the Third Supervisorial District. The first project will repair damaged culverts at two locations. At Milepost 3.0 from the intersection with State Route 154, the existing culvert will be rehabilitated in place and a pipe riser with debris rack will be constructed to protect the inlet during storm induced flows carrying large amounts of rock and woody debris. This will allow water to drain and minimize the potential flow over the roadway and will help protect the pipe from filling with debris. At Milepost 3.5, the existing pipe is to be replaced. A debris rack cage will be constructed at the inlet to protect from damage during rockfall events, which occur with regularity at this site. The outlet area will be reconstructed with gabion

(woven wire baskets filled with rock) wall to protect the roadway embankment from further erosion from culvert outlet and over-side drainage. This site is also the site of the proposed installation of rockfall netting described below.

The second project will construct a cable mesh drapery system along a portion of Stagecoach Road at milepost 3.5 that has experienced recurring landslide and rock fall events over the past few years. As a mitigation measure against further destabilization at this site and to minimize the impact hazard to the traveling public, the Public Works Department proposes to install cable mesh drapery system that is designed to contain the majority of falling rock and earth debris, and minimizing the energy of the rock fall. The installation of this rockfall protection will reduce road closure time during future storm or earthquake-induced movements. The Department has installed this system adjacent to this location and elsewhere on the south coast and has seen the benefits of its installation.



Stagecoach Road, with existing netting showing contained materials and adjacent, unprotected area where rock debris entered the roadway.

During construction activities at Milepost 3.5, Stagecoach Road will be closed to through traffic for up to two months during each construction cycle. This will allow for a shorter construction period and reduce the hazard to the traveling public during activities related to rock removal and clearing of plant materials from high on the slope during the cable mesh drapery project. During construction of the culvert repair project at Milepost 3.5, the road will be closed to through traffic due to the excavation for construction of the gabion retaining wall. During activities at Milepost 3.0, traffic control will utilize flaggers during activities that impact traffic. Prior to the beginning of construction, residents and local businesses will be notified of the anticipated traffic control and proposed schedule for this project. This traffic control approach is similar to that utilized on past construction projects at this location. Visitors to Cold Springs Tavern will be alerted to use Paradise Road during this closure time.

Pursuant to the County’s CEQA guidelines, the Department of Public Works has determined this project is exempt from further environmental review. Approval of this CEQA Notice of Exemption will indicate the Board of Supervisors’ approval of this project and will commence the appeal period, pursuant to CEQA guidelines.

The “Notice to Contractors” will be published prior to the date set for the opening of the bids. Sealed proposals to construct this project will be received at the front counter, Santa Barbara County Department of Public Works, County Engineering Building, 123 East Anapamu Street, Santa Barbara, California 93101, and at the North County Public Works Office, 620 West Foster Road, Santa Maria, California 93455, at a date to be determined, and will be opened publicly and read aloud.

Background:

During the initial series of storms of January 2005, a large rockfall event occurred on Stagecoach Road at approximately three and a half miles from State Route 154. The landslide forced the closure of the road for a period of 4-5 days for public safety reasons until County-directed Contractors could be mobilized to begin debris removal activities and dressing up of the site. A narrow ridge of fractured material is prominent between the last two rockfall source areas, with partially translated materials perched along the landslide scarp and slope face. It is possible that this material will mobilize during a subsequent severe storm cycle, and poses a hazard to the traveling public.

At Milepost 3.5, the rock fall event completely plugged the inlet to a 24” storm water culvert. Upon clearing, it was discovered that the pipe had badly deteriorated and the outlet end was being interfered by the roots of a nearby tree. The outlet of the culvert coincides with an over-side drain that is undermined due to the erodibility of the soils, no energy dissipation at the outlet area and the steepness of the embankment. In removing the rock debris from the inlet, the concrete inlet headwall was damaged. At Milepost 3.0, the storm water culvert inlet area was plugged with rocky and woody debris and formed a small dam. The water rose to the height of the roadway, flowed across the roadway and down the shoulder. In removing the impounded water and debris, the inlet to the culvert was damaged.

This project was approved by your Board as part of the Five Year Capital Improvement 2007 – 2012 for the County of Santa Barbara, as shown on Page B-142.

Fiscal and Facilities Impacts:

Budgeted: Yes

Fiscal Analysis:

<u>Funding Sources</u>	<u>Current FY Cost:</u>	<u>Annualized On-going Cost:</u>	<u>Total One-Time Project Cost</u>
General Fund			
State:			
Federal:			
Fees:			
Other:			
Total	\$ -	\$ -	\$ -

Narrative:

The Federal Highways Administration (FHWA) will fund 88.53% of the project and the State Office of Emergency Services (OES) will fund 11.47%. FHWA and OES funds have been budgeted in Dept. 054, Fund 0015, Org. 0011, Program 2900, and Account 7510. To preserve the competitive bidding process for Public Contracts, the construction funding amount will be disclosed after bids are opened and the Department approaches your Board for the award of a construction contract.

Staffing Impacts:

Legal Positions:

None

FTEs:

None

Special Instructions:

Please forward a certified, stamped copy of the Minute Order approving these recommendations to:

1. Public Works Department, Transportation Division, Engineering Section, Attn: Beverly Cross
2. Public Works Department, Transportation Division, Accounting Section, Attn: Donna Manuel

Please post a copy of the CEQA Notice of Exemption with the County Clerk of the Board after project approval; such notice is to remain posted for 35 days.

Attachments:

Attachment A: CEQA Notice of Exemption, Project 862263

Attachment B: CEQA Notice of Exemption, Project 862266

Authored by:

Christian Doolittle, Project Manager, 739-8777

Walter Rubalcava, Interim Engineering Manager, 739-8775

cc: Project File

NOTICE OF EXEMPTION

TO: Santa Barbara County Clerk of the Board of Supervisors

FROM: Department of Public Works/Engineering Division
(Lead Department/Division)

Based on a preliminary review of the project the following activity is determined to be exempt from further environmental review requirements of the California Environmental Quality Act (CEQA) of 1970 (Pub. Res. Code Section 21000 et seq.), as defined in the State CEQA Guidelines and County Revised CEQA Guidelines.

APN(s) 153-010-019 Project No. 862266

LOCATION Adjacent to Stagecoach Road.

PROJECT TITLE Cable Mesh Drapery System

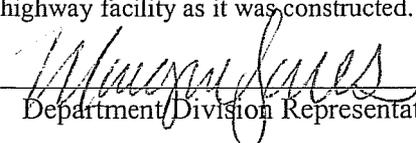
PROJECT DESCRIPTION. The proposed project will construct a cable mesh drapery system along a portion of Stagecoach Road that has experienced recurring landslide and rock fall events over the past few years. The project is a safety maintenance measure to protect the roadway against further destabilization and to minimize potential rock fall impact hazards to the traveling public. The Cable Mesh Drapery System is designed to contain and minimize the energy of the majority of the falling rock and earth debris. The installation of this Cable System will reduce road closure time during future storm or earthquake-induced movements.

EXEMPT STATUS:(Check One)

- Ministerial
 Statutory
 Categorical Exemption
 Emergency Project
 No Possibility of Significant Effect [Sec. 15061 (b,3)].

Cite specific CEQA Guideline Section 15301 (c) Existing Facilities – "...consists of the operation, repair, maintenance, or minor alteration of existing public or private structures, facilities, mechanical equipment, or topographical features, involving negligible or no expansion of use beyond that previously existing, including but not limited to:...(c) Existing highways and streets, sidewalks, gutters, bicycle and pedestrian trails, and similar facilities (this includes road grading for the purpose of public safety), except where the activity will involve removal of a scenic resource including a stand of trees, a rock outcropping, or an historic building.

Reasons to support exemption findings: The project is repair of existing County maintained road and therefore is contemplated by the CEQA exemption under section 15301. Further, there are no unusual circumstances which would create a possibility that there would be a significant effect. Because this is a public road it has been determined to be exempt from the Land Use Development Permit requirements by ordinance, under Section 35.10.040 G (b) of the Land Use Development Code. The project is slope protection device, intended to preserve the highway facility as it was constructed.


Department/Division Representative

March 18, 2008
Date

NOTE: A copy must be posted at least 6 days prior to consideration of the activity by the decision-makers to comply with County CEQA guidelines and a copy must be filed with the County Clerk of the Board after project approval to begin a 35 day statute of limitations on legal challenges.

DATE FILE OF COUNTY CLERK

NOTICE OF EXEMPTION

TO: Santa Barbara County Clerk of the Board of Supervisors

FROM: Department of Public Works/Engineering Division
(Lead Department/Division)

Based on a preliminary review of the project the following activity is determined to be exempt from further environmental review requirements of the California Environmental Quality Act (CEQA) of 1970 (Pub. Res. Code Section 21000 et seq.), as defined in the State CEQA Guidelines and County Revised CEQA Guidelines.

APN(s) 153-010-019; 027 Project No. 862263

LOCATION. Adjacent to Stagecoach Road

PROJECT TITLE Stagecoach Road Culvert Repairs

PROJECT DESCRIPTION. The replacement of two existing culvert pipes. One was rotten and the outlet end has been undercut by the erosion and interference from the roots of the nearby tree. The outlet of the culvert coincides with an over-side drain that is undermined due to the erodibility of the soils, no energy dissipation at the outlet area and the steepness of the embankment. The second culvert inlet area was plugged with rocky and woody debris and resulted in an impoundment of water. The water rose to the height of the roadway and flowed across the roadway and down the shoulder. The inlet to the culvert was damaged and requires replacement.

EXEMPT STATUS:(Check One)

- Ministerial
 Statutory
 Categorical Exemption
 Emergency Project
 No Possibility of Significant Effect [Sec. 15061 (b,3)].

Cite specific CEQA Guideline Section 15301 (c) Existing Facilities – "...consists of the operation, repair, maintenance, or minor alteration of existing public or private structures, facilities, mechanical equipment, or topographical features, involving negligible or no expansion of use beyond that previously existing, including but not limited to:...(c) Existing highways and streets, sidewalks, gutters, bicycle and pedestrian trails, and similar facilities (this includes road grading for the purpose of public safety), except where the activity will involve removal of a scenic resource including a stand of trees, a rock outcropping, or an historic building.

Reasons to support exemption findings: The project is repair of existing County maintained road and therefore is contemplated by the CEQA exemption under section 15301. Further, there are no unusual circumstances which would create a possibility that there would be a significant effect. Because this is a public road it has been determined to be exempt from the Land Use Development Permit requirements by ordinance, under Section 35.10.040 G (b) of the Land Use Development Code. The project is a culvert replacement project intended to preserve the highway facility as it was constructed.


Department/Division Representative

March 18, 2008

Date

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