



DEPARTMENT OF PUBLIC WORKS

Quality, Excellence, Innovation

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DIRECTOR

January 27, 2015

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Marin County Board of Supervisors
3501 Civic Center Drive
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SUBJECT: Adopt Resolution Approving Emergency Contracting Procedures and Authorizing Appropriations to Repair Public Works Damaged by Recent Storms

Dear Board Members:

RECOMMENDATIONS: Adopt Resolution.

SUMMARY: On December 19, 2006, your Board approved the attached Resolution No. 2006-192 which established emergency contracting procedures such that County facilities could be repaired quickly in order to protect life, property, and public safety. We would like to use these procedures to solicit competitive bids in a shorter timeframe such that the slide and levee repairs may take place prior to further damage taking place.

Road Repair Projects

Following the December 10-11, 2014 storms, damage occurred on Lucas Valley Road MP 1.66 at Miller Creek Bridge and Muir Woods Road MP 2.35 and 3.21. For Lucas Valley Road, County Roads crews have shored up the toe of the slide and installed plastic sheeting to stem further damage, but a permanent fix is necessary to prevent additional damage to Lucas Valley Road and an adjacent bridge. Staff is preparing plans for the repair and anticipates beginning a repair within the next month. Repair estimates for this slide are \$400,000.

For Muir Woods Road, County Roads crews have installed barricades at the top of the slides; however, a four to five foot unpaved shoulder is still present. Despite the fact that there is no immediate threat to the roadway, further damage is likely to occur should the location not be stabilized. Staff is preparing plans for the repair and anticipates beginning a repair within the next month. Repair estimates for these slides are \$300,000.

Staff will meet with Caltrans officials over the next few weeks to ascertain Federal Aid Storm Damage funding eligibility for both locations. The road repair projects are eligible for potential 50% reimbursement through the California Disaster Assistance Act, for a maximum reimbursement of \$350,000 – though the likelihood is not yet known. With the possibility

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Reprographic Services

Road Maintenance

Stormwater Program

Transportation &
Traffic Operations

Waste Management

of additional rain events this winter, additional storms could cause further roadway failure on these vital transportation connections. It is for this reason that we request emergency contracting procedures for the repair on these roads.

We would like to use the established emergency contracting procedures to solicit competitive bids in a shorter timeframe such that the slide repairs may take place prior to the upcoming rainy season, which begins in October of this year.

Levee Repair Projects

High tides and heavy rains caused the Novato Creek levee to breach in three locations. The levee is maintained by the Marin County Flood Control and Water Conservation District, which contracted for urgent, temporary repairs after the storm. However, permanent reconstruction of the levee must be performed as soon as possible. Each breach location is described briefly below. (*See attached map for site locations.*)

- **Site 1 - Downstream of SMART Railroad Bridge:** A 20-foot-wide section of the east levee along Novato Creek was intentionally breached during the December 11th storm as an emergency measure to direct water away from downtown businesses and nearby subdivisions.
- **Site 2 - Between Lynwood Slough and Duckbill Pond:** Just downstream from the SMART Railroad Bridge on the west side of the creek, a 10 foot wide section of the Lynwood Levee between Lynwood Slough and Duck Bill Pond was breached when high water levels in Duck Bill Pond caused the water to seep through the levee around an abandoned pipe and "blow out" a large chunk of levee material at the foot of the levee.
- **Site 3 - Between Novato Creek and Herons Beak Pond:** A 200+ feet section of levee overtopped into Heron's Beak pond from Novato creek, just upstream from Highway 37. In addition, 2,000 feet of levee, along the full length of the pond, had extensive piping (water rushing through the levee) given rodent holes in the levee. The piping and overtopping caused noticeable erosion; however, the levee remained standing.
- **Sites 4, 5 and 6** also had overtopping but are maintained by other agencies.

Emergency stabilization measures of the Novato levee were completed for a total cost of \$59,313. Flood Control Zone 1 has provided funding for these repairs. Up to 75% of the cost of the Emergency stabilization measures are eligible for potential reimbursement by California Disaster Assistance Funding (Cal OES).

Intermediate stabilization measures should cost an additional \$50,000. Flood Control Zone 1 is able to provide funding for these repairs. It is unlikely there will be outside funding assistance for this work.

Final repair measures are estimated at an additional \$1,000,000. While staff have investigated potential cost sharing from the US Army Corps of Engineers through the PL 84-99 rehabilitation assistance program, it was recently confirmed that the Army

Corps will not participate. Staff will continue to investigate other potential reimbursement options, though the likelihood is very low. Flood Zone 1 funding is not available for this work. Resources within Flood Control Zone 1 are not adequate to address the required levee repairs.

As an extraordinary event, and in recognition of the urgency to protect life, property, and public safety in the event of additional rains this winter, it is recommended that General Fund monies be utilized to address what otherwise would be a Flood Control Zone responsibility.

FISCAL IMPACT: If your Board approves this action, the General Fund one-time reserve funds (Account 3121250 – Designation for 1-Time Capital Projects) would be reduced from \$6.95 million to \$5.25 million, and \$1.70 million would be allocated to a new 2014 General Fund Storm Damage project (Fund 10000, Account 4100995093).

If the County receives any State or Federal reimbursements for these emergency storm-related expenditures, the revenues would reimburse your Board's one-time reserves in Account 3121250.

REVIEWED BY:	<input checked="" type="checkbox"/>	Department of Finance	<input type="checkbox"/>	N/A
	<input type="checkbox"/>	County Counsel	<input checked="" type="checkbox"/>	N/A
	<input type="checkbox"/>	Human Resources	<input checked="" type="checkbox"/>	N/A

Respectfully submitted,



Raul M. Rojas
Director

FMBB doc no. 100022212

Attachments:

- Resolution Approving Emergency Contracting Procedures and Authorizing Appropriations to Repair Public Works Damaged by Recent Storms
- Site Map Novato Creek Levee Breach Locations
- Resolution 2006-192 Adopting Emergency Contracting Procedures

