

## Transmittal Log

### DIGITAL FLOOD INSURANCE RATE MAP (DFIRM) UPDATE

<b>Date/Time</b>	<b>Sender Name</b>	<b>Recipient Name</b>	<b>Agenda Type/Date</b>	<b>Approval/Comments</b>
08/27/2013 1:36 PM	Hasan Mushtaq, PE, PhD	Ray Dovalina, PE	Subcommittee T & I 10/8/13	Approved By Hasan Mushtaq
09/04/2013 8:30 AM	Ray Dovalina, PE	Wylie Bearup, PE, PhD	Subcommittee T & I 10/8/13	Approved by Ray Dovalina
09/13/2013 3:15 PM	Wylie Bearup, PE, PhD	Rick Naimark	Subcommittee T & I 10/8/13	Approved by Wylie Bearup

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## CITY COUNCIL REPORT

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TO: Rick Naimark  
Deputy City Manager

FROM: Wylie Bearup, PE, PhD  
Street Transportation Director/City  
Engineer

SUBJECT: DIGITAL FLOOD INSURANCE RATE MAPS (DFIRM) UPDATE

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This report provides information concerning Federal Emergency Management Agency (FEMA) updates to the Digital Flood Insurance Rate Maps (DFIRM) for Maricopa County, which will impact properties within Phoenix City limits. The updated maps will become effective on October 16, 2013.

### THE ISSUE

FEMA compiles statistical data on river flows, storms, hydrologic/hydraulic analyses, rainfall, and topographic surveys to create flood hazard maps that outline a community's different flood risk areas. Changing weather patterns, erosion, development, and new flood control improvements can affect floodplain boundaries. FEMA is currently updating the nation's Digital Flood Insurance Rate Maps (DFIRMS), which provide an official depiction of flood hazards for each community and properties located within it.

Maricopa County is one of the last three counties in Arizona to go through the process. The new maps capture flood hazard zone modifications due to flood control projects and other changes since the maps were last updated in 2005. The improvement projects have resulted in removal of approximately 3,100 structures from previous flood hazard areas throughout the City. This may allow the property owners to eliminate or reduce the flood insurance premiums on the structures.

However, the revised maps also indicate isolated locations within the City that are in new floodplain areas. There are approximately 17 structures located in these areas. Impacted property owners may be required by their mortgage holders to carry mandatory flood insurance, which could range from \$400 to \$800 annually for residential properties. The locations of the new floodplain areas are indicated on the map in Attachment A.

### OTHER INFORMATION

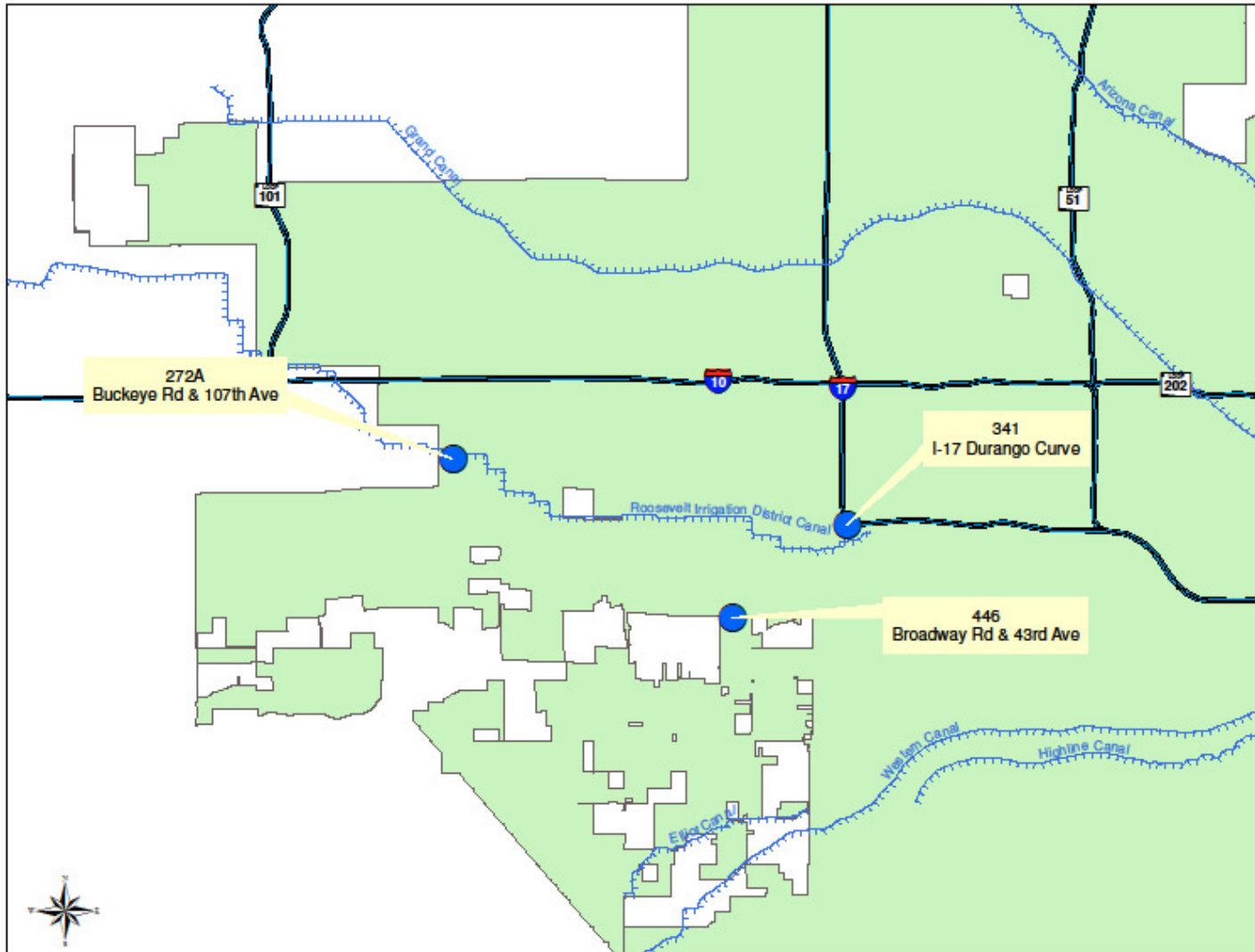
FEMA posted a 90-day appeal/protest period in local newspapers for the citizens of Maricopa County. The appeal/protest period expired on January 18, 2012. The Flood Control District of Maricopa County (FCDMC) has published the updated DFIRM on their web site at [www.fcd.maricopa.gov/GIS/dfirm\\_maps.aspx](http://www.fcd.maricopa.gov/GIS/dfirm_maps.aspx).

Public Outreach by City of Phoenix Floodplain Management staff will begin with notifications in the Phoenix@Your Service September/October 2013 issue and the City On-Hold messaging service to inform property owners within the City about the impacts of the revised DFIRM. In addition, continued outreach to public will be made using Twitter, Facebook and Phoenix 11. Staff will also evaluate future capital improvement projects designed to mitigate the impacts of the updated DFIRM.

#### RECOMMENDATION

This report is for information only

Attachment A



**Locations of New Floodplain**