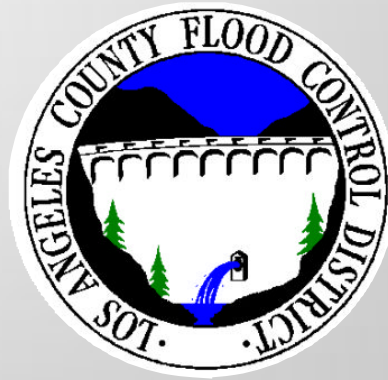


Water Resources Division

Los Angeles County Flood Control District



2011-12 Storm Season
and
Project Status

Sediment Removal in La Crescenta 2010-11 Storm Season

- Rainfall total in the area (39.04 inches) was 144% of Normal (27.11 inches)
- No debris was removed from debris basins in the La Crescenta area

Winter Predictions for 2011-2012

Forecast Summary

- La Nina this year/same as last year
- Local variables could dominate, bringing enhanced rains
 - Along with the threat for periods of flooding with mudslides there could be extended dry periods
 - A lot depends on frequency and strength of the local variable events
- The “Official” Bottom Line
 - “Equal Chances” for above, below, or normal precipitation and temperatures.
 - Can get what we got last year.

Storm Season Preparations

Debris Basins

There are 10 Debris Basins (DB's) in the Unincorporated La Crescenta Area

Cloud Creek DB	Pinelawn DB
Eagle DB	Pickens DB
Goss Inlet	Shields DB
Oak DB	Starfall DB
Ward DB	Upper Shields DB

The following were enlarged in 2010:

- Starfall DB
- Pinelawn DB
- Pickens DB

Goss Inlet's 2009 post-fire rail and timbers will permanently remain.

Culvert above Canyonside Road installed in early 2011

**All debris basins still may require frequent cleanouts
resulting in increased truck traffic for the next 3 years**

Pinelawn Debris Basin

Project Location:

Pinelawn Debris Basin is located northwest of the intersection of Pinelawn Drive and Pinecone Road.

Project Scope:

- Constructed a concrete parapet wall at inlet structure
- Raised the outlet tower by 5 feet

Capacity:

Before (Fall of 2009) :	3,200 cubic yards
After enlargement :	4,800 cubic yards

Completed in late 2010

Starfall Debris Basin

Project Location:

Starfall Debris Basin is located northeast of Pinecone Avenue and Starfall Drive.

Project Scope:

- Raised the spillway by 7 feet
- Raised spillway wall by 4 feet
- Constructed an access ramp
- Constructed a front wall and access ramp wall
- Reconstructed the access road
- Raised the outlet tower by 3 feet

Capacity:

Before (Fall of 2009):	15,000 cubic yards
After enlargement :	28,300 cubic yards

Completed in late 2010

Pickens Debris Basin

Project Location:

Pickens Debris Basin is located east of the intersection of Briggs Avenue and Cross Street.

Project Scope:

- Raised the spillway by 5 feet
- Extended the outlet tower by 5.5 feet
- Raised the channel wall by 2 feet
- Re-graded the access road

Capacity:

Before (Fall of 2009):	125,000 cubic yards
After enlargement:	156,000 cubic yards

Completed in late 2010

Canyonside Culvert

Project Location:

The project location is on Crescenta Valley Water District's access road, 300 feet north of 6065 Canyonside Road in La Crescenta.

Project Scope:

- Installed a 72- inch diameter Corrugated Metal Pipe across the access road
- Installed steel debris barrier posts upstream of the inlet
- Placed concreted stone riprap at pipe inlet and outlet

Purpose:

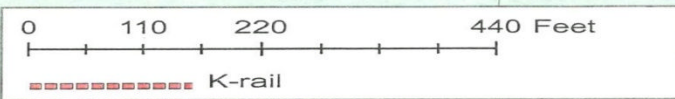
Restore original drainage pattern. Redirect as much debris flow as possible away from Canyonside Road back to the adjacent Pickens Canyon watercourse

Completed in early 2011

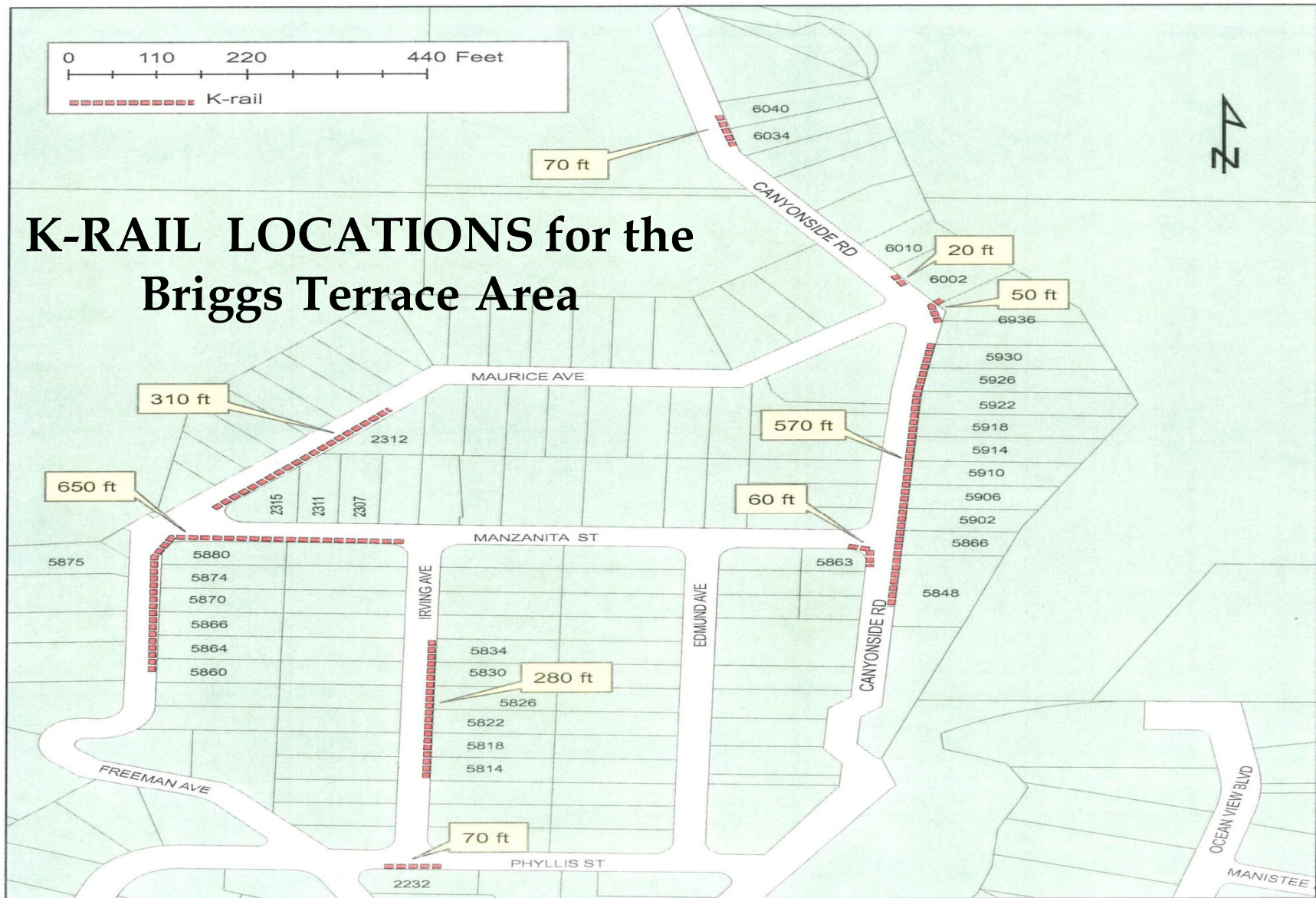
K-Rails in La Crescenta 2011-12

K-Rails will remain in same locations as last year:

- Briggs Terrace
 - Canyonside Road
 - Maurice Avenue
 - Manzanita Street
 - Freeman Avenue
 - Irving Avenue
 - Phyllis Street
- Pineglen Area -- Pineglen Road



K-RAIL LOCATIONS for the Briggs Terrace Area



Site Map - DSR # 05-09-1840 Station Fire - City of La Crescenta, CA

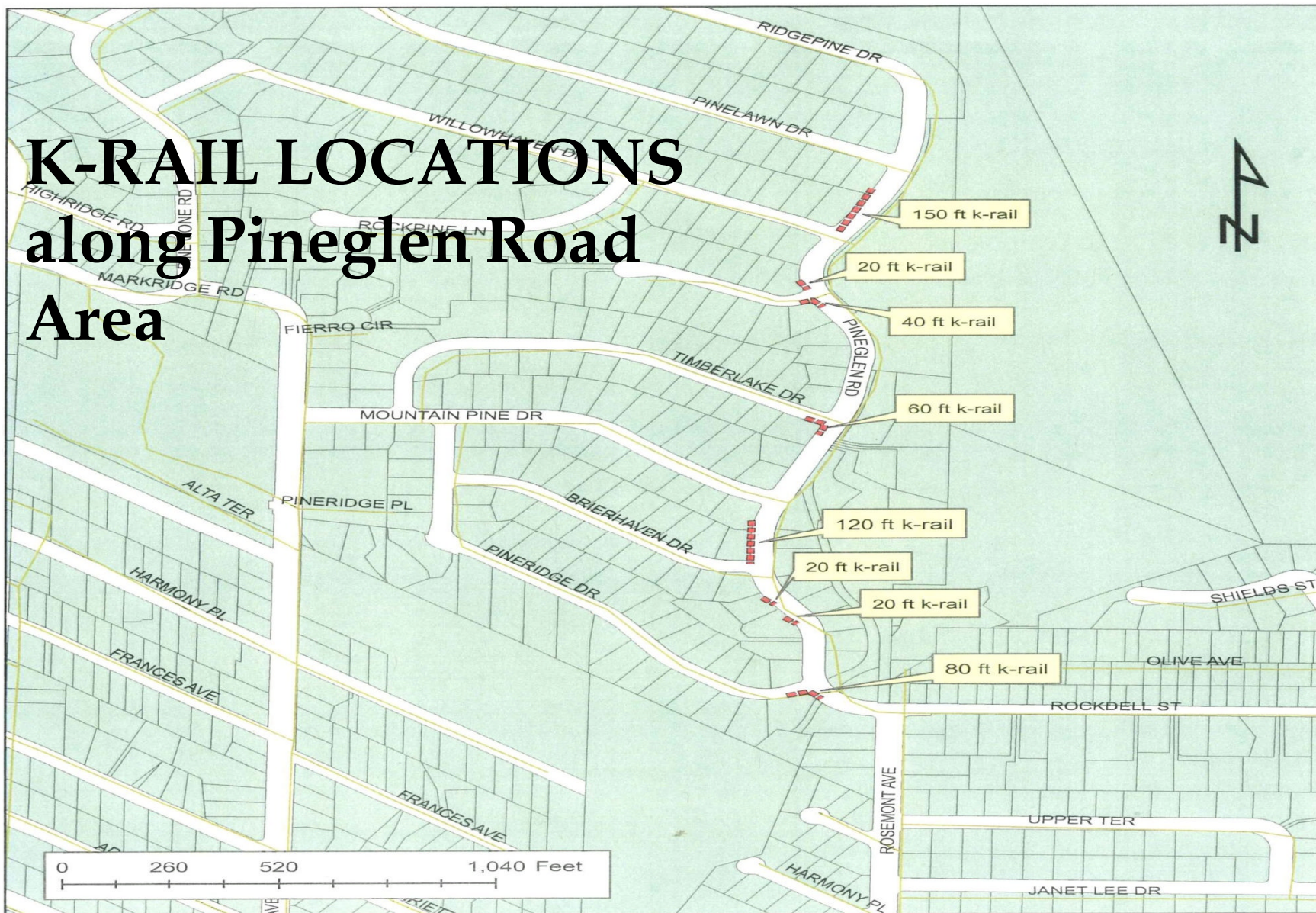


USDA - Natural Resources Conservation Service

Prepared by Paul Nguyen
9/25/2009
Checked by Robert Miller

Approved by Robert Miller
Title: Area Engineer
Signature: *Robert Miller*

K-RAIL LOCATIONS along Pineglen Road Area



Site Map - DSR # 04-09-1840 Station Fire - City of La Crescenta, CA



USDA - Natural Resources Conservation Service

Prepared by Paul Nguyen
9/23/2009
Checked by Robert Miller

Approved by Robert Miller
Title: Area Engineer
Signature:

Residents' Mudflow Protection Measures

- Goal is to deflect flows around structures without directing them to your neighbor's property
- Do not try to dam the flows
- **Re-implement protection measures ASAP**
- County's advice measures are for the short-term. Hire a professional for long-term or permanent measures
- Over 100 La Crescenta residents received advice from Public Works in 2009

Information Resources

- Go to <http://dpw.lacounty.gov/wrd/fire/> for:
 - Homeowners Guide to Mudflow Protection
 - Locations to pick up sandbags
 - Frequently Asked Questions
 - Burn Report and maps for the 2009 Station Fire
- **New to the area and want advice?**
 - **Mudflow Hotline is at (800) 214-4020**

Public Work's Storm Activities

Public Works' Pre-Storm Responsibilities

- Monitor storm systems as they move into the County
- Prepare facilities for storm operations
- Provide forecast and operations updates to key personnel
- Issue mudflow forecasts to public safety agencies and the public
- Set up Incident Command for major storms
 - County Department of Public Works
 - County Sheriff
 - County Fire Department
 - City of La Canada Flintridge
- Coordinate with Sheriff & Fire Dept on evacuation plans and procedures
- Coordinate with Road Maintenance Division and Sheriff on road closures and procedures

Mudflow Warnings/Notifications

- **Mudflow Forecasts are issued twice daily:**
 - 7:30 AM and 5:00 PM
 - Can find online at: <http://dpw.lacounty.gov/wrd/fire/>
 - Sign up for eNotify at: <http://dpw.lacounty.gov/care/>
- Mudflows can directly impact structures or block streets to/from homes.
- Residents are ultimately responsible for protecting their homes.
- Effects from the Station Fire will last 3 more years.
- **Mudflow Hotline is at (800) 214-4020.**
- Residents should heed County Sheriff's warnings and orders. **If you can't get out, emergency personnel can't get in to you.**

Public Works' Storm Responsibilities

- Coordinate with other agencies to manage flood waters and capture stormwater for later use
- Make facility operation decisions to minimize flooding impacts and maximize stormwater capture
- Monitor debris basins
- Update mudflow forecasts to public safety agencies and the public

Public Works' Post-Storm Action Items

- Clean out debris basins that are 5%+ full
 - Haul routes same as those used in 2009-10
 - Same sediment disposal sites as 2009-10
 - Dunsmuir SPS (Glendale)
 - May SPS (Sylmar)
 - Local landfills (Scholl or Sunshine)
- Clear/finish clearing roads

C.A.R.E.

COORDINATED AGENCY RECOVERY EFFORT



<http://dpw.lacounty.gov/care/>



Resources

- Media Alerts
- Road Condition Updates
- eNotify
- Debris and Mudslide Educational Materials
- For Public Education Government (PEG) Channels:
 - Informational Videos
 - Public Service Announcements
 - Bulletins
- Website
- Speaker's Bureau



This presentation can be found at:

<http://dpw.lacounty.gov/wrd/Cmeeting/index.cfm>

Questions?