



Wishkah Road Comprehensive Flood Study Kick-Off Meeting/Open House June 29, 2016, 6:00-8:00pm

MEETING LOCATION:

The meeting was held at the Port of Grays Harbor Commission Room at 111S. Wooding Street, Aberdeen, WA 98520.

ATTENDANCE

- Commissioner Frank Gordon
- Mike Zawislak
- Steve Gadwa
- Jane Lauzon
- Al Smith
- Tom Mayr
- John Wright
- Becky Dombrowsky
- Peggy Fouts
- Doug and Nancy Tikka
- Kyle Fritz from Cascade Natural Gas
- Nancy Perron
- Frank Kersh
- Perry Narreo
- Sebastian Rodriguez
- Marilyn Peters

Note – actual head count showed 18 attendees; two did not sign in.

Staff:

- Larry Karpack, Watershed Science & Engineering: Hydrologist/Engineer
- Mark Indrebo, Watershed Science & Engineering: Geologist/Geomorphologist
- Rob Wilson, Grays Harbor County: Assistant County Engineer
- Vicki Cummings, GHCOG: Executive Director
- Zana Dennis, GHCOG: Office Coordinator

AGENDA

1. Welcome/Introductions
2. What is the Wishkah Road Comprehensive Flood Study?
3. How did the project originate?
4. Why do I need to be involved?
5. How can I participate?

6. Group discussion
7. Meeting wrap up/What's next?

INVITATION

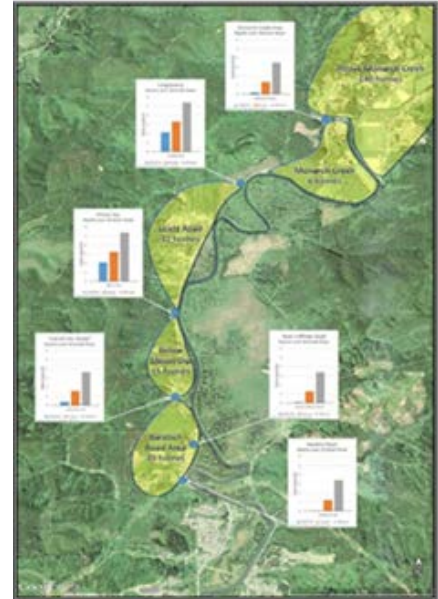
385, pre-approved invitations were sent out on Friday June 3, 2016 to residents in the affected area as identified by WSE:

Grays Harbor County has been funded by the Chehalis River Basin Flood Authority to identify cost-effective options to reduce or eliminate flooding along Wishkah Road between mile post (M.P.) 2.2 and M.P. 7.6.

The study will be carried out concurrently with the Wishkah Flood Wall Project and document the frequency, duration, and extent of flooding on Wishkah Road.

The project team will coordinate with stakeholders and conduct detailed cost benefit analyses to evaluate the effectiveness of potential flood reduction opportunities. Conceptual designs will be prepared for viable alternatives.

Anyone who resides in the Wishkah Road area is invited to participate. Your knowledge of area flooding is key to developing a successful project. Please join Grays Harbor County and the project team to learn more about the Wishkah Road Project and your role in its success.



Wishkah Road Flood Study Kick-Off Meeting:
June 29, 2016, 6:00-8:00pm
Port of Grays Harbor, 111 S. Wooding, Aberdeen

For information: Project website – <https://www.ezview.wa.gov/?alias=1937&pageid=36729>

Mark Indrebo, Watershed Science & Engineering, 206-521-3000 x105, mark@watershedse.com

PRESENTATION (PowerPoint)

➤ Project Team

- Watershed Science & Engineering - Project Management, Hydrology, Hydraulics & Geomorphology
- Grays Harbor Council of Governments - Public Involvement
- KPFF - Civil Design & Cost Estimating
- Confluence - Permitting
- Pan Geo - Bathymetric Survey
- GeoTerra - LiDAR & Aerial Imaging

➤ Description:

Purpose of the project is to study the frequency, duration and extent of flooding on the Wishkah Road between M.P. 2.2 and M.P. 7.6 and identify cost effective flood hazard reduction alternatives for the following:

- Study Area #1 -- Baretich Flats (M.P. 2.2).
- Study Area #2 -- Ellison Dip (M.P. 3.8).
- Study Area #3 -- Long Swamp (M.P. 5.0).
- Study Area #4 -- Monarch Creek (M.P. 5.8).
- Study Area #5 -- Vienna Tracts (M.P. 7.6).

➤ The project will:

- Review and evaluate previous studies, reports, and information.
- Determine flood elevation, depth, duration and frequency for various low points within the comprehensive study area.
- Identify and evaluate alternatives that eliminate or reduce Wishkah Road flood closures within the comprehensive study area.
- Prepare preliminary plan, design and construction cost estimates for each alternative proposal within the comprehensive study area.
- Determine feasibility and adverse impacts/effects for each alternative proposal within the comprehensive study area.
- Provide hydraulic modeling for each feasible alternative proposal within the comprehensive study area.
- Provide benefit/cost analysis for each feasible alternative proposal within the comprehensive study area.
- Identify permits and regulatory requirements for each feasible alternative proposal within the comprehensive study area.
- Identify property and easements needed for each feasible alternative proposal within the comprehensive study area.
- Recommend a comprehensive package of feasible alternatives for final design covering the comprehensive study area.
- Provide scope, schedule, and sequencing for final design and permits for recommended projects.
- Implement a community awareness and engagement strategy that will include community meetings at critical junctures of the project, publically accessible website containing critical information documents, advertisement of key decisions and the schedule for such, etc.

➤ Flood Hazard Reduction Benefits:

Project will benefit residents of Grays Harbor County, particularly those who reside or travel north of Aberdeen on the Wishkah Road, by ensuring (ultimately) the pass ability of the Wishkah Road, particularly in times of flood emergency.

➤ Project Process, Part 1; Asses Existing Conditions:

- Flooding History
- Road Closures
- Topographic (LiDAR)
- Bathymetry (Channel Survey)
- Hydrologic Modeling

- River Flow
 - Tidal Influences
 - Hydraulic Modeling of Existing Conditions
 - Develop Alternatives
- Project Process, Part 2; Alternatives Analysis:
- Screen for Feasibility
 - Preliminary Designs
 - Additional Analysis
 - Hydraulic
 - Geotech
 - Others
 - Benefit/Cost Analysis
 - Preferred Alternative
 - Scope & Schedule for Final Design & Permitting
- Part 1 Timeline
- Physical Data Gathering
- May-June 2016
- Historical Data
- June-September 2016
- Existing Conditions Assessment
- July-September 2016
- Alternatives Discussion Meeting
- October 2016
- Part 2 Timeline
- Preliminary Designs & Permitting Strategies
- November 2016
- Additional Analyses
- March 2017
- Preferred Alternative
- April 2017
- Why do you need to be involved?
- Your experience matters-We want to hear your story.
 - Share experiences & ideas.
 - Now is the time to speak up.
 - Share knowledge and refine study findings.
 - Contribute to recommendations.
- How do I participate?
- Public Meetings
Next meeting in October 2016
 - EZ View website
www.ezview.wa.gov
Scroll down to Grays Harbor County –
Wishkah Road Comprehensive Flood Study Project

- Call or E-mail WSE
206-521-3000 or mark@watershedse.com

- Call or E-mail GHCOG
360-537-4386 or vcummings@ghcog.org

➤ Group Breakout

- Where do you see most frequent flooding? Pictures?
- How frequently does flooding effect you? Dates?
- How significant is flooding to your every-day life?
- What are your primary concerns with respect to flooding?
- What do you think the County should consider?
- What do you think would be a reasonable cost?

➤ Next Steps

- Finalize survey (bathymetry & LiDAR)
- Incorporate your input
- Existing Conditions Analysis
- Alternative Development

➤ Next Meeting

Alternatives Discussion

- October, 2016

VERBAL COMMENTS

- At 2.2 to 2.7 for 47 years. When the road floods, the school bus stops at 2.2 & bus either drops kids & they wade thru to parent's high vehicles or kids are taken back to school.
- I live @ about 4.5 between the 2 ends of Leutz Rd on Wishkah Rd. In flooding I am isolated by 2.2 & additional mileposts to Long Swamp, which is impassable. Also impassable @ intersection of Leutz & Wishkah. Water is increasing each year. Leutz Rd. is flooding more each year. The Frequency of the flooding is twice daily w/ tides @ high tides and storms. Probably 16x a year parts of the road are impassable. In 2008 the flooding isolated my home for 6 full days before we could get to or from town. Many times the County Crew is too busy to put up Road Closed signs due to so much County-wide impact. Nancy Perron 3419 Wishkah Rd. 533-0691.
- Live on the hill top by Baretich Road. Have lived in the area since 1983 and there have only been two occasions when I couldn't get out & get to town. Flood wall is not a good use of the money, raising the road would be effective and cheaper. Concerned that the flood wall project was based on safety so there is no cost/benefit ratio.
- Cascade Gas Company has problems as the flooding gets in the regulators and is the main feed for Aberdeen and Hoquiam. Plus they are not able to access leaks during floods, which is a huge hazard and cost lives/damage/infrastructure if it caused an explosion.
- Raised house to stop damage to house. Floods still damage cars and property.

- Floods are based on high tides and rainwater runoff.
- Flood events seem to be influenced by high rain or high tide events.
- Frustrated that the previous project when they put in a flood wall by Chehalis Basin was engineered and then the funding was moved to Mary's River, etc.
- Roads are sinking in many spots.
- Raising the roads may be the cheapest/easiest solution.
- Hand dug trenches from the 30's that were put in to disperse the flood waters are now filled with debris so the flooding is worse.
- Need to fix the culvert with the tide gate. The floods come in from behind.
- When it floods you can get to Baretich Rd when you can't get to Ellison or Long Swamp.
- There are several beaver dams in the area that are contributing to or causing the high water problem.
- Localized flooding is happening more frequently. It's because of all the beaver dams. The county needs to take of the beaver dams.
- Wishkah Road is an identified tsunami route. Fixing flooding on this route should be a high priority.

MAP COMMENTS

Please see attached MAP PDF.

WRITTEN COMMENTS

Becky Dombrowsky - 3011 Wishkah Road, Aberdeen

I just want someone to know the worst it got it went over my hip boots on the road in front of my house.

Note from Vicki Cummings – verbal comment associated with this: We raised the house six feet. The county said, just raise it to road height. My husband said no and raised it higher.

Marilyn Peters - 85 Leutz Road, Aberdeen

Floods every year can't get out both sides.

SUBMISSIONS

1 page of color photographs from Jane Lauzon at 64 Leutz Rd. Aberdeen.

ADJOURNMENT

The open house closed at approximately 8:00 the remaining attendees leaving by 8:13 p.m.

Wishkah Road Comprehensive

Flood Study

June 29, 2016 Open House

Comments

Name Becky Dombrowsky

Address 3011 Wishkah Rd

I just want someone to know
the worst it got it went
over my hip boots on the road
in front of my house

(Raised house 6 ft) (Council said to
Road height - He said No.)
'husband' (Vic. comment)

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Comments

Name Marilyn Peters

Address 185 Leutz Rd. Ab.

98520

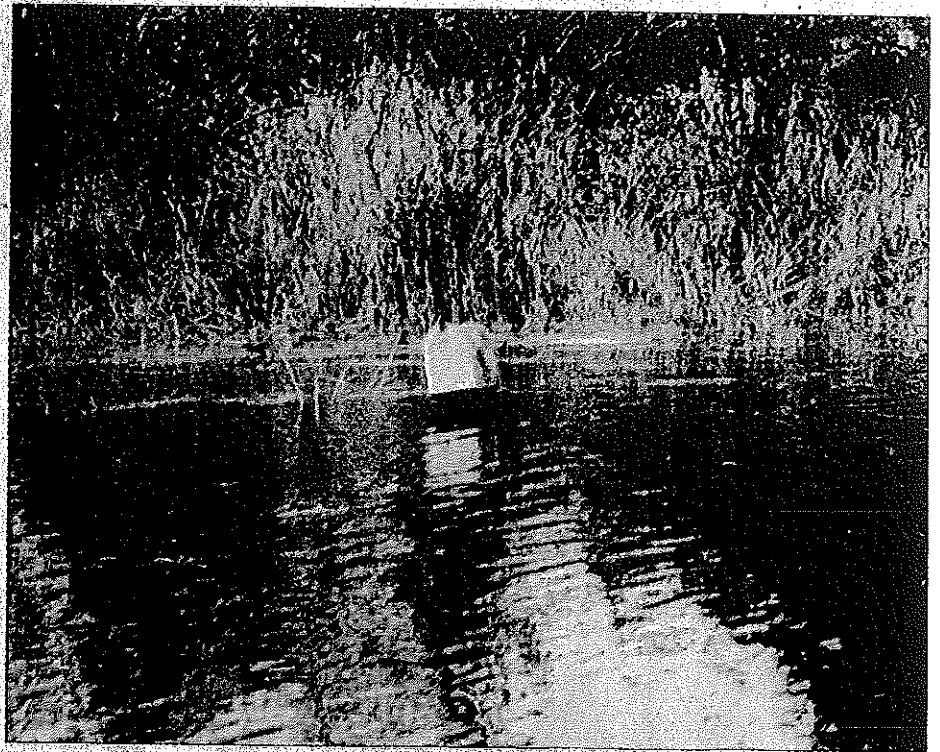
Floods every year
can't get out both
sides



THE DAILY WORLD

THURSDAY, NOVEMBER 24, 2009

YOUR SHOT



RAYMOND SMITH

A mailbox is nearly submerged on Wishkah Road on Wednesday after a stormy night on Tuesday. If you have a photo that helps show what life is like here on the Twin Harbors and you want to share it with the rest of the community, e-mail a high resolution version to photo@thedailyworld.com. Include your daytime phone number, the name of the photographer, a description of what's happening in the photo, when and where it was taken and the names of the people who are prominent in the shot.

1/7/09