

Scott Boettcher

From: Scott Boettcher <ScottB@sbgh-partners.com>
Sent: Thursday, October 13, 2011 5:45 PM
To: ScottB@sbgh-partners.com
Subject: City of Chehalis - Bob Nacht

From: "Bob Nacht" [rnacht@ci.chehalis.wa.us]
Date: 10/10/2011 06:20 PM
To: "Greg Hueckel" <greg@sbgh-partners.com>
Subject: RE: Chehalis Flood Projects

The planning documents that I've been involved with include both structural and non-structural mitigation projects. I will list structural below. If you're looking for non-structural, there are dozens of projects listed in the plans that we have implemented. I can respond to specific pages of specific plans if that would help your project.

Structural projects:

Enhance the existing Airport Dike. This project was a component of the USACE Twin City Levee Project, and the airport has generated civil plans for increasing the height and length of the dike to withstand the proposed FEMA 100 year flood and protect the commercial areas and I-5 freeway from inundation. The city is ready to permit that project as soon as the funding becomes available. Hydraulic analysis demonstrates no impact downstream, and the city can mitigate upstream impact.

Realign Dillenbaugh Creek through Stan Hedwal Park. This project was introduced by a WDFW biologist as mitigation for the Twin City Levee Project. It would create fish habitat in a new channel within the park and allow flood flows to bypass several undercrossings of the I-5 freeway and the Main Street area of Chehalis. Generally, the project would extend from the existing Dillenbaugh channel at exit 76, southward through the park and connect with the wetland area of Newaukum River.

The city will allow use of the park for this project.

Scheuber Road Bypass. This project was also introduced as the preferred method of mitigation for the Twin City Levee Project. Both flood desynchronization and wetland habitat enhancement could be accomplished with this project. The city owns property on both sides of SR-6 and has made it available for such a project.

Elevate Main Street. The portion of W. Main Street between NW State Street and I-5 freeway Nbound ramps becomes inundated during a significant flood event. The transportation corridor from Jackson Highway to SR-6 Wbound and I-5 Sbound (and I-5 Nbound if the Airport Dike enhancement project were done) would remain open if this section of street were elevated two or three feet. The freeway south of Main street is not generally affected by local flooding. The city needs funding for this project.

There may be other projects listed in other plans that I haven't researched. If so, I could comment on their status as well. There are also many non-structural projects that have been accomplished already.

Almost all of the non-structural recommendations contained in the Flood Authority's Comprehensive Flood Management Plan have been implemented by the city.

Hope this helps.....

Bob Nacht

-----Original Message-----

From: Greg Hueckel [<mailto:gregh@sbgh-partners.com>]

Sent: Monday, October 10, 2011 2:46 PM

To: Bob Nacht

Subject: Chehalis Flood Projects

Hi Bob - I am assembling a list of flood related projects for the Chehalis River Basin Flood Authority. My search includes planning documents from the cities in the Chehalis Watershed. Do you have a list of projects that I can add to this list?

If you have any questions, please email or call me. I am on a short time line (Thursday) so any help you can provide before then is appreciated!

Greg

Greg Hueckel

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