

CARBON RIVER ALWARD ROAD (177TH ST E) PROPERTY ACQUISITION PROJECT

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October 30, 2013

Public Meeting

FLOODING HISTORY and RISK



Carbon River Alward RD 1931



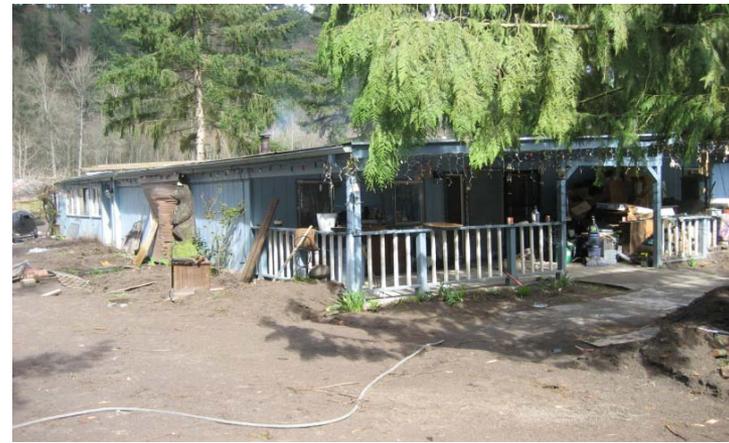
FLOODING HISTORY and RISK

Carbon River Alward RD 1931



Flooding History and Risk

Carbon River Alward RD Reach November 2006

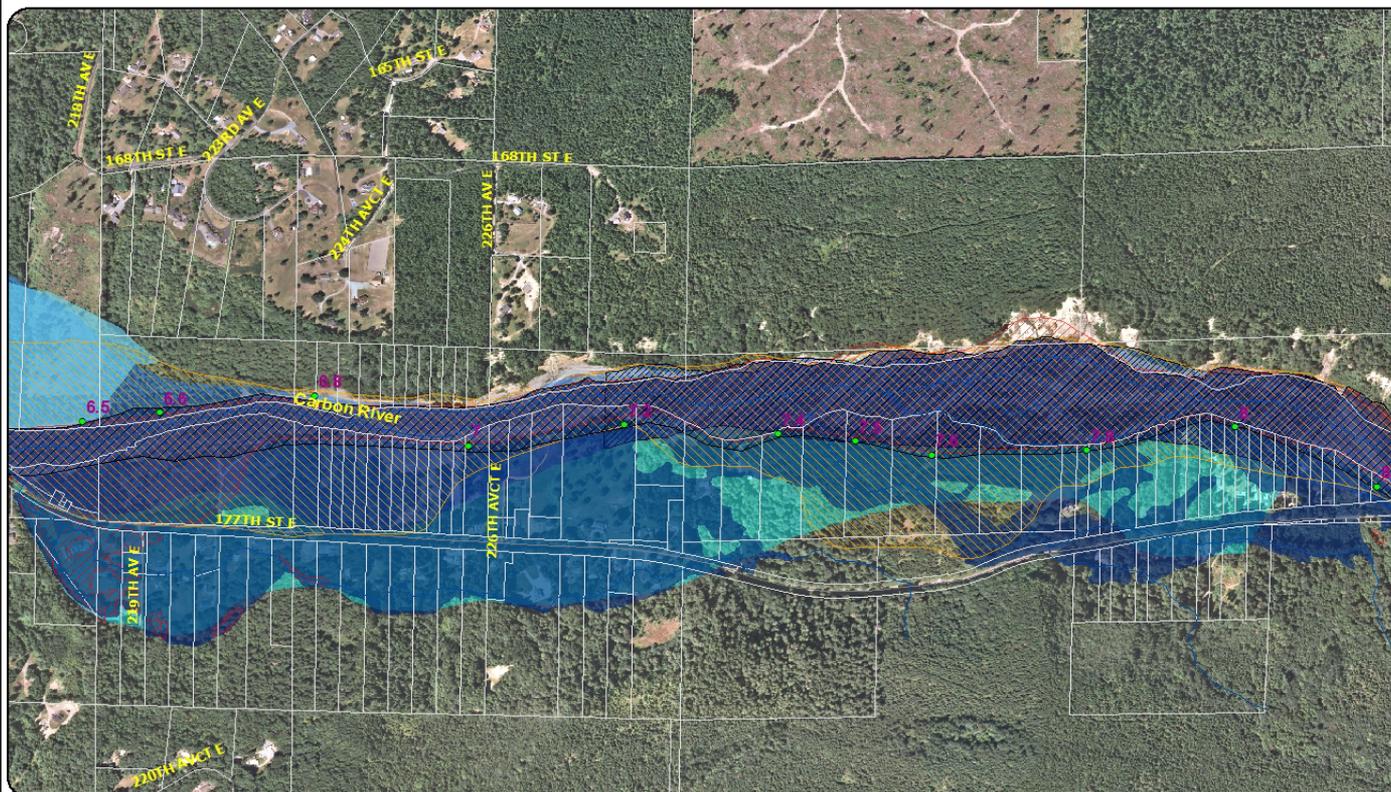




FLOODING HISTORY and RISK

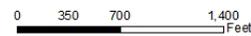
PROJECT MAP EXHIBIT CARBON RIVER - Alward Road (177th ST E) Property Acquisitions Flood Hazard Area

The map features are approximate and are intended only to provide an indication of said feature. Additional areas that have not been mapped may be present. This is not a survey. The County assumes no liability for variations ascertained by actual survey. ALL DATA IS EXPRESSLY PROVIDED 'AS IS' AND 'WITH ALL FAULTS'. The County makes no warranty of fitness for a particular purpose.



Legend

- River Mileposts
- Hydro - Centelines
- Base Parcel
- Condominium
- Other
- ▨ Channel Migration Zone Floodway
- ▨ Deep and/or Fast Flowing Floodway
- Flood Hazard Areas (1987 FEMA FIRM)**
- 100 year (A Zone)
- 500 year (X500 Zone)
- ▨ Floodway
- PRELIM DFIRM Floodplain**
- 1% Annual Chance Flood
- VE - Coastal High Hazard Areas
- ▨ X - 0.2% Annual Chance Flood
- ▨ County Floodway



Aerial Photo from 2011
Plotted by Randy Brake
05-14-2013

PROPOSED PROJECT

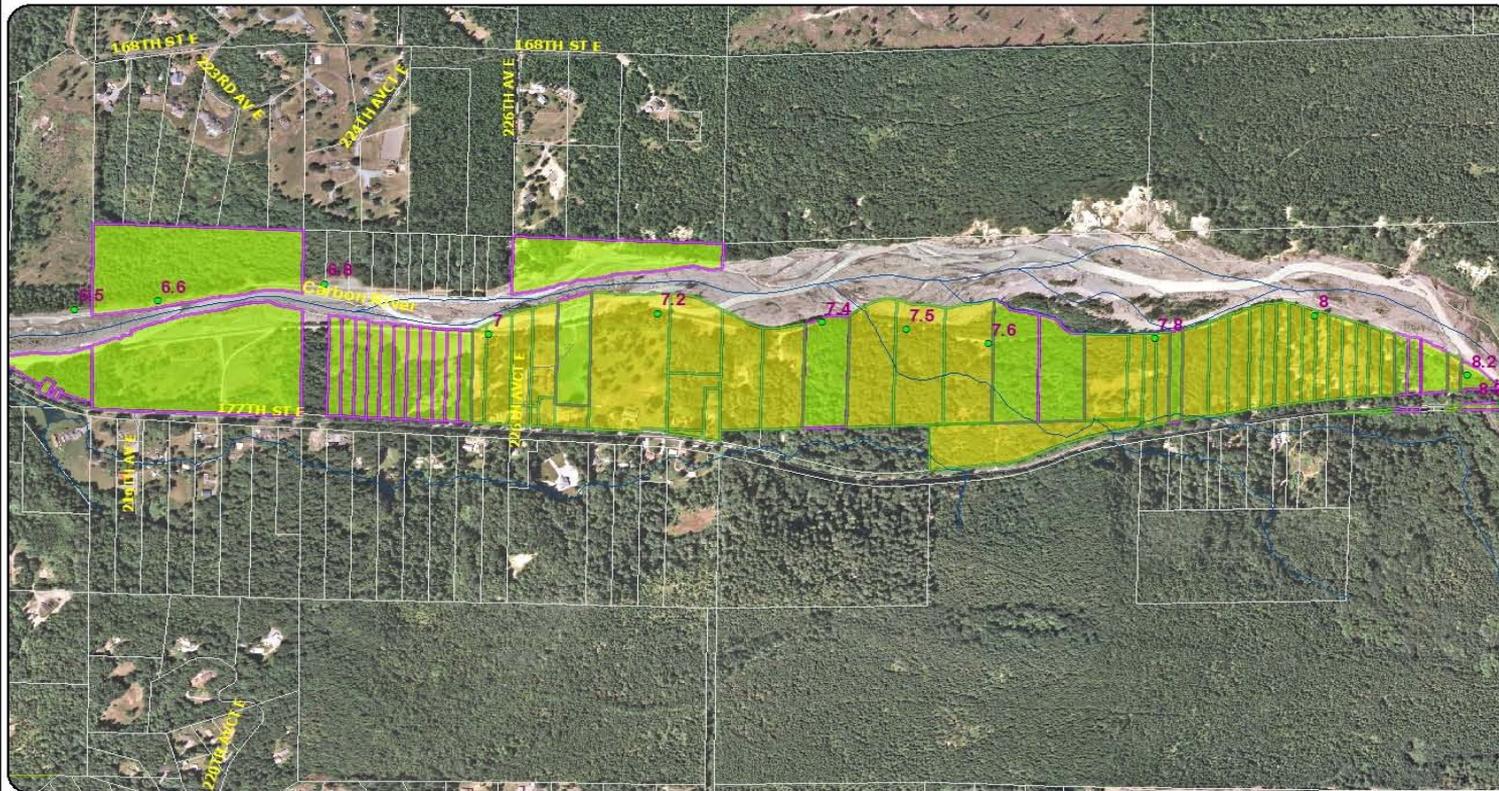
- Setback Levee Along Alward Road



PROPERTY ACQUISITION MAP

**OVERALL PROPERTY ACQUISITION
PROJECT MAP EXHIBIT
CARBON RIVER - Alward Road (177th ST E)**

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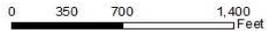


Legend

- Alward Potential Property Acquisition Considerations
- Hancock Property
- Pierce County Owned Properties
- Pierce County Additional Owned Parcels
- Rip or Mileposts

Roads

- Interstate Highway
- Highway Ramp
- Limited Access State Highway
- Other State Highway
- Major Road
- Arterial
- Residential
- Unknown
- Hydro - Centerlines
- Base Parcel
- Condominium
- Other



Aerial Photo from 2011
10-24-2013



NEED FOR SETBACK LEVEE

- Repetitive Flooding Damages To Existing Levee
- Repairs Are Costly and Continue To Add Up - Not Sustainable
- Repetitive Flood Losses To Private Property
- Acquiring Properties and Removing Houses Mitigates Future Flood Losses

ANTICIPATED FUNDING SOURCES

- Federal, State and Local Grant Funding Programs.
- Acquisitions are Strictly Voluntary and there is No Obligation by the Property Owner to Sell Under the Grant Programs
- Property Owner Acknowledgement Forms Sent Out
- 13 Acknowledgements Returned To Date
- Funding is Very Limited



ANTICIPATED FUNDING SOURCES

- Pierce County Surface Water Management submitted a grant application for more than \$679,000.
- Proposal is to acquire up to three properties.
- Pierce County will contribute \$214,144
- Estimated Project Cost is \$893,500



OTHER POTENTIAL FUNDING SOURCES

- Pierce County Intends To Pursue Other Funding Sources Annually
- Property Acquisition List Sorting
 - Short Term
 - Middle Term
 - Long Term
- Existing Levee Maintenance Continues
- Any Future Extensive Levee Damages Will Need Re-Assessment

GRANT TIMELINE SUMMARY



- Grant Award and Funding Anticipated in December 2013.
- Property Acquisition Process Could Possibly Begin in June 2014.



ACQUISITION PROCESS

- Property Title Reports (About 3 weeks)
- Property Appraisals (About 3 Months)
- Purchase Offers and Closing (2 to 4 Months)
- Vacation of Property (Varies)
- Environmental Assessments and Potential Remediation (3 to 5 Months)
- Structure Removal (2 Months)



QUESTIONS?

October 30, 2013