

Springfield 2030 Refinement Plan Update Project
Summary of Current Flood Plain Studies/Requests Affecting Springfield – As of 4/15/2010

	Title	Location	Sponsor	Status
A	Metro Waterways	McKenzie River and Cedar Creek – Hayden Bridge to Hendricks Bridge	Springfield & EWEB through Army Corps of Engineers	In Process - Draft Study completed – The study area may need to be expanded to comply with FEMA mapping requirements. Staff is discussing scope, timing, and cost issues with the Corps of Engineers.
B	Willamette River Bridge	Willamette River upstream & downstream of new I-5 bridges	ODOT through OBEC	In Process - Draft Study completed – Past fill in the flood plain downstream of the I-5 bridges appears to affect flood plain and floodway boundaries in Eugene downstream of the bridges and in Springfield upstream of the bridges. Further study upstream and downstream of the bridges may be needed to define the affects and to comply w/ FEMA mapping requirements. Staff is discussing scope, timing, and cost issues with ODOT and City of Eugene.
C	FEMA DFIRM Update	Willamette from Junction City, up Coast Fork to Cottage Grove; Middle Fork to Lowell; McKenzie to Blue River & Cougar	FEMA through Baker Associates	In Process – This project is <u>not</u> a new Flood Insurance Study and does not include an updated model or bathymetry. Rather, FEMA is updating their Flood Insurance Rate Maps (FIRM) by adjusting the flood boundaries using the flood water elevations from their 1985 study and matching it to updated topography. We expect draft maps for the 2 rivers to come for staff review in the next few months. Other mapped waterways (e.g. Q St. Channel, SCS Channel 6, etc.) are not included in this update.
D	Upper Willamette Basin FIS	Currently - Coast Fork to Dorena; Middle Fork to Hills Creek; Eventually – all of Willamette Basin	FEMA through Corps and Starr	In Process - New initiative from FEMA to do new Flood Insurance Studies (FIS) for all of the Willamette Basin over the next 50 years. They are starting with upper reaches of Basin outside of urban areas. Preliminary schedule is for draft maps for the Coast Fork and Middle Fork within the next few years.
E	Glenwood River Front	Willamette from Wildish LOMR to I-5/Willamette River Bridges	SEDA/Springfield	Pending – Funding Partially Programmed – Staff is discussing adding this study to the scope of work that ODOT is doing for the new Willamette River Bridges (see B above). Springfield has current topography and bathymetry but has not initiated a flood plain study at this time.

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F	Springfield Mill Race	Inlet to Island Park, including Jasper Slough	Springfield and Army Corps of Engineers	Pending – Funding Not Programmed – The Springfield Mill Race has a FEMA-mapped flood plain. Therefore, the Mill Race Project may need to be evaluated for changes to the mapped flood plain. If base flood elevations are changed due to the project, we may be required under FEMA regulations to do a new FIS and adopt new maps. This study is not included in the scope of work for the Mill Race Project. Staff, funding, consultant, and data resources have not been identified for this study.
G	SCS Channel 6/I-5 Channel	From Q Street Channel at I-5 upstream to 10 th Street	None at this time – Citizen, FEMA & DLCD Requesting a new Flood Insurance Study and updated maps	Pending – Funding Not Programmed - Numerous changes have occurred to Channel 6 over the past 30 years without updating the flood maps. An affected citizen is requesting the City to update the maps to incorporate these changes. The mapped flood plain for Channel 6 is an unnumbered Zone A, meaning that FEMA did not do the detailed analysis necessary to determine estimated depth of flooding or base flood elevations. Also, the study area may need to include all of Springfield's Q Street Channel stormwater basins due to current mapped influence of Q Street Channel flooding on SCS Channel 6. New hydrology and hydraulics may need to be developed to perform the study to FEMA mapping standards. Staff, funding, consultant, and data resources have not been identified for this study.