



FLOODPLAIN MANAGEMENT UPDATE PROGRAM

City Council Deliberations
September 13, 2023

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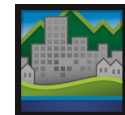
Engineering Supervisor, BDS

Doug Morgan

Engineering Manager, BDS



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TO CONSTRUCTION

Agenda

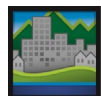
- I. FEMA Biological Opinion Elements
- II. Floodplain Management Update Work Plan Phasing
- III. Amendments to the Recommended Draft



Photo: The Oregonian



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FEMA Biological Opinion Elements



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FEMA Biological Opinion Elements

ELEMENT #	DESCRIPTION	DIRECTIVE	ACTION REQUIRED	
			FEMA	CITY OF PORTLAND
1	Notice, Education, and Outreach	Notify NFIP communities and develop an education and outreach strategy for RPA implementation	X	
2	Interim Measures	Implement immediate actions to reduce loss of floodplain habitat and functions until Elements 3-6 are implemented	X	X
3	Mapping Flood and Flood-Related Hazards	Implement FEMA program standards to better identify and map flood and flood-related erosion hazard areas	X	
4	Floodplain Management Criteria	Revise FEMA’s regulatory floodplain management criteria to avoid, minimize, and mitigate the adverse effects of floodplain development on habitat functions and processes	X	X
5	Data Collection and Reporting	Collect and report floodplain development information for all NFIP participating communities	X	X
6	Compliance and Enforcement	Ensure that participating communities comply with revised floodplain management criteria	X	



FEMA Biological Opinion Elements

Element #	DESCRIPTION	DIRECTIVE	FLOODPLAIN MANAGEMENT WORK PLAN RESPONSE
2	Interim Measures	Implement immediate actions to reduce loss of floodplain habitat and functions	<p>Element #2 included specific actions FEMA should take to reduce impacts in the short-term, including:</p> <ul style="list-style-type: none"> ○ Min vegetation requirements ○ Riparian buffer area ○ Increased flood storage mitigation ○ Mitigation of new impervious surface <p><u>City Response</u></p> <ul style="list-style-type: none"> • BPS - Floodplain Resilience Plan applies minimum vegetation requirements and riparian buffer area. • BDS - Title 24 updates include increases in flood storage mitigation. • BES - Stormwater Management Manual (SWMM) addresses mitigation of impervious surfaces.



FEMA Biological Opinion Elements

Element #	DESCRIPTION	DIRECTIVE	FLOODPLAIN MANAGEMENT WORK PLAN RESPONSE
3	Mapping Flood and Flood-Related Hazards	Implement FEMA program standards to better identify and map flood and flood-related erosion hazard areas	<p>Although this element is directed to FEMA, it recognizes the significant limitations of existing FEMA 100-year floodplain maps.</p> <p><u>City Response</u></p> <ul style="list-style-type: none"> Incorporation of the new Modeled Willamette River 1996 Flood Extent to better represent the hazard from a 1996-like flood, given current river characteristics and development patterns.



Floodplain Management Update Work Plan Phasing



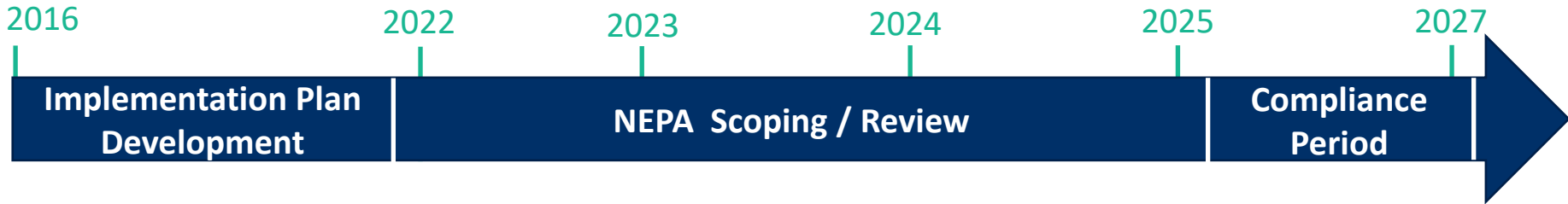
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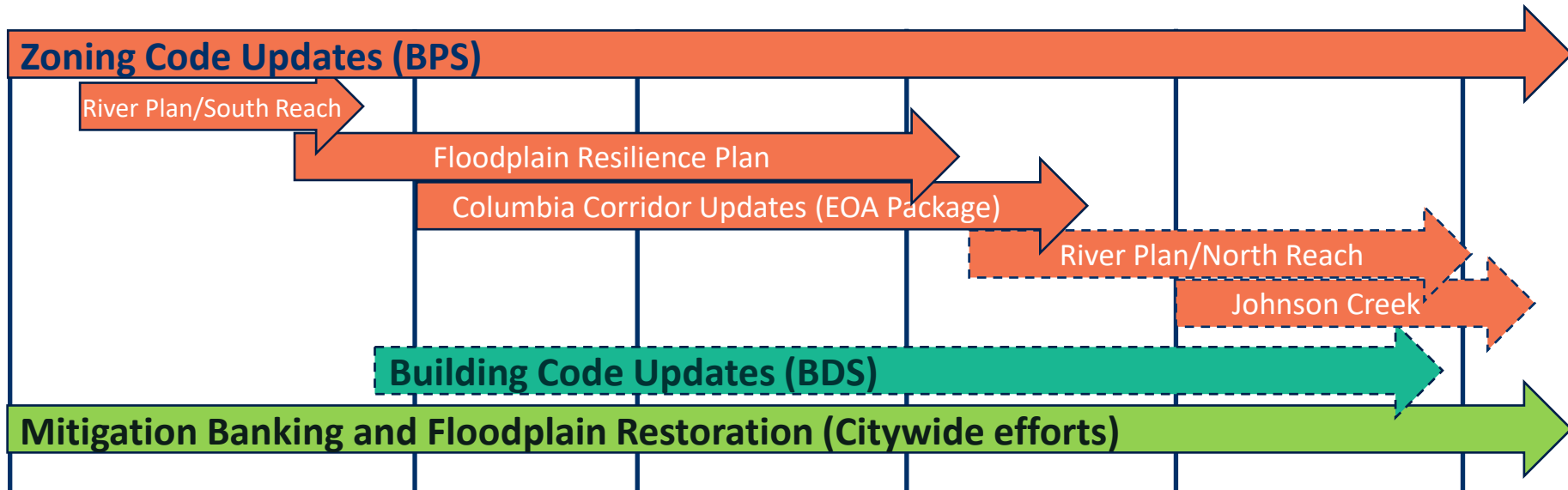
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Floodplain Management Work Plan Phasing

FEMA's TIMELINE



CITY WORK PLAN COMPONENTS & SCHEDULE



Statewide Planning Goal 9: Economic Development

Comprehensive plans should:

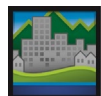
- Provide for an adequate supply of sites of suitable sizes, types, and locations for a variety of industrial and commercial uses
- Take into account the social, environmental, energy, and economic impacts upon the resident population

Economic Opportunities Analysis (EOA)

- Must demonstrate adequate land supply for future job growth



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Goal 9 Coordinated Policy Decisions

State, Metro and City directives for natural resources protection and economic growth

Statewide Planning Goals

Goal 5, Natural Resources, Scenic and Historic Areas and Open Spaces

Goal 9, Economic Development

Goal 15, Willamette River Greenway

Metro Urban Growth Mgmt Functional Plan

Title 4, Industrial and Other Employment Areas

Title 13, Nature in Neighborhoods

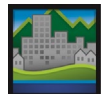
City of Portland 2035 Comprehensive Plan

Chapter 6, Economic Development

Chapter 7, Environment and Watershed Health



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Amendments to the Recommended Draft



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August 30 Amendments – Moved and Seconded

Rubio Amendment #1

Amendments 1-3: Substantive

Amendments 4-7: Technical



New Amendments: Effective Dates

Rubio Amendment #2

Title 33 Central City riparian buffer area-related and River Environmental overlay zone changes - **October 2024 effective date**

Rubio Amendment #3

Title 24 FEMA BiOp flood storage excavation increases - **October 2024 effective date**



New Amendments: Effective Dates

Rubio Amendment #4

Add a Section 2 to the Title 24 Ordinance to incorporate a severability clause:

"Section 2. If any provision of this Chapter, or its application to any person or circumstance, is held invalid by any court, the remainder of this Chapter and its application to other persons and circumstances, other than that which has been held invalid, shall not be affected by such invalidity, and to that extent the provisions of this Chapter are declared to be severable."



New Amendment: Flood Storage Mitigation

Mapps Amendment #1

Add the following finding to the Title 24 ordinance:

"31. The Council finds this ordinance strikes a necessary balance through promoting safety, livability and economic vitality. Council heard testimony concerned that the delayed implementation and areas not subject to these regulations would impact the flood storage capacity. The Council recognizes that the flood storage compensation requirements provide some protection to people and property by ensuring flood storage is not reduced and is interested in finding additional ways to further mitigate development."



New Amendment: Flood Storage Mitigation

Mapps Amendment #1

Add the following directive to the Title 24 ordinance:

“C. Under the leadership of the Office of Governmental Relations, the City of Portland will establish a policy position for 2024 and 2025 state legislative sessions of support for state policies, programs, or resources that support environmental mitigation. Policies should include funding to provide or purchase mitigation credits in the floodplain along the Willamette, and additional strategies to help mitigate development of housing or other community needs.”

