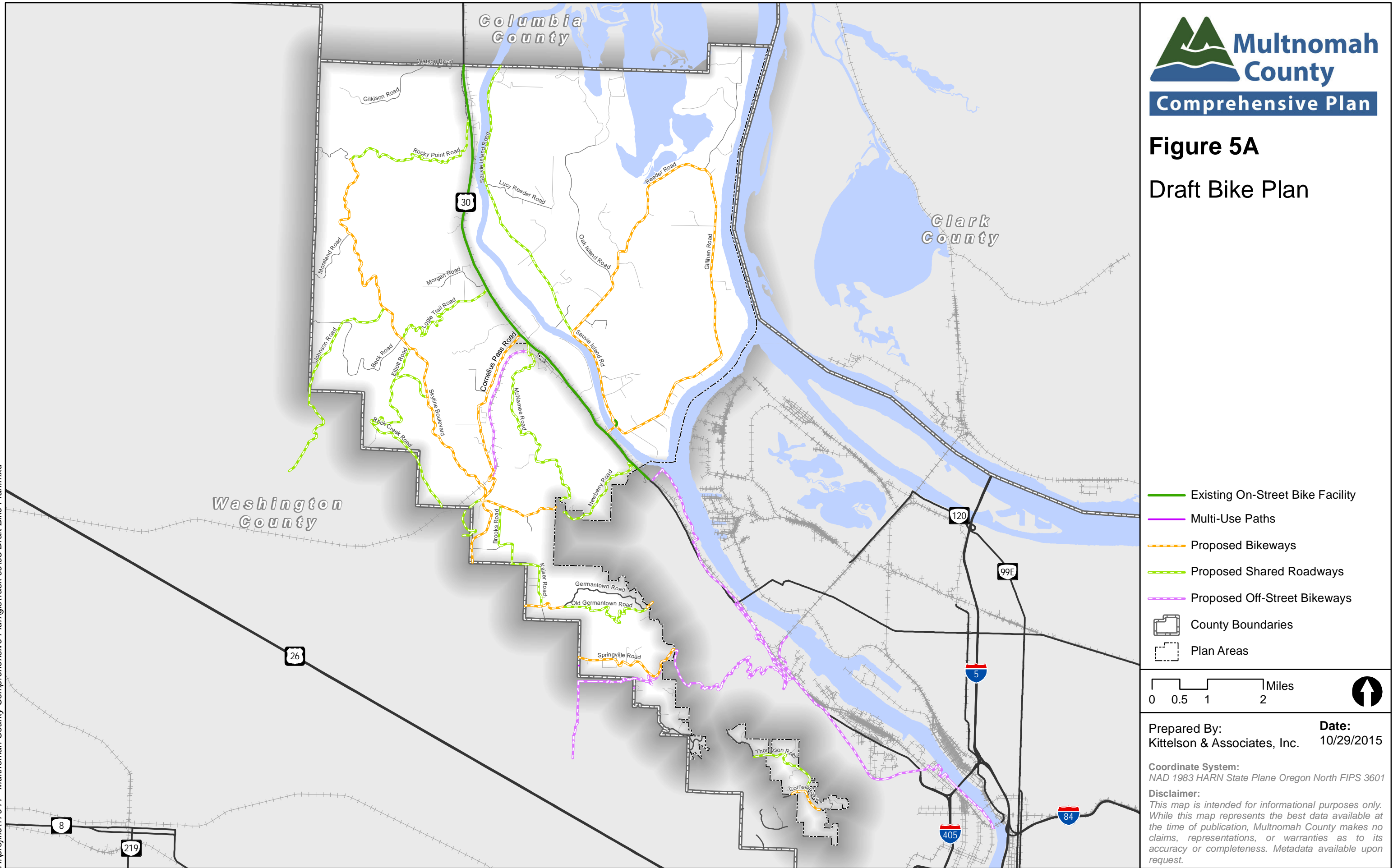


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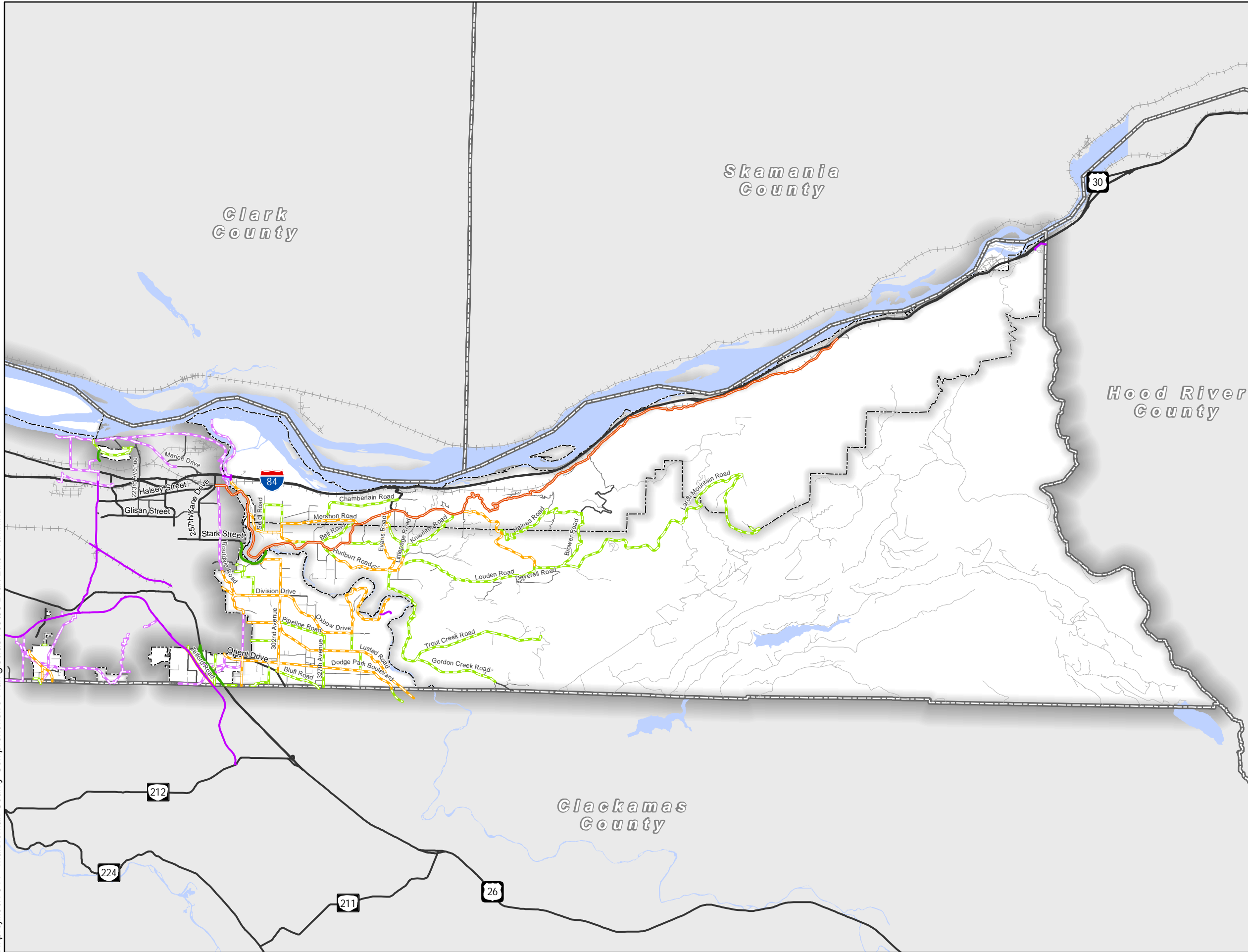
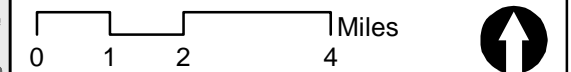


Figure 5B
Draft Bike Plan

-  Existing On-Street Bike Facility
-  Multi-Use Paths
-  Proposed Bikeways
-  Proposed Shared Roadways
-  Proposed Off-Street Bikeways
-  Historic Columbia River Highway
-  County Boundaries
-  Plan Areas

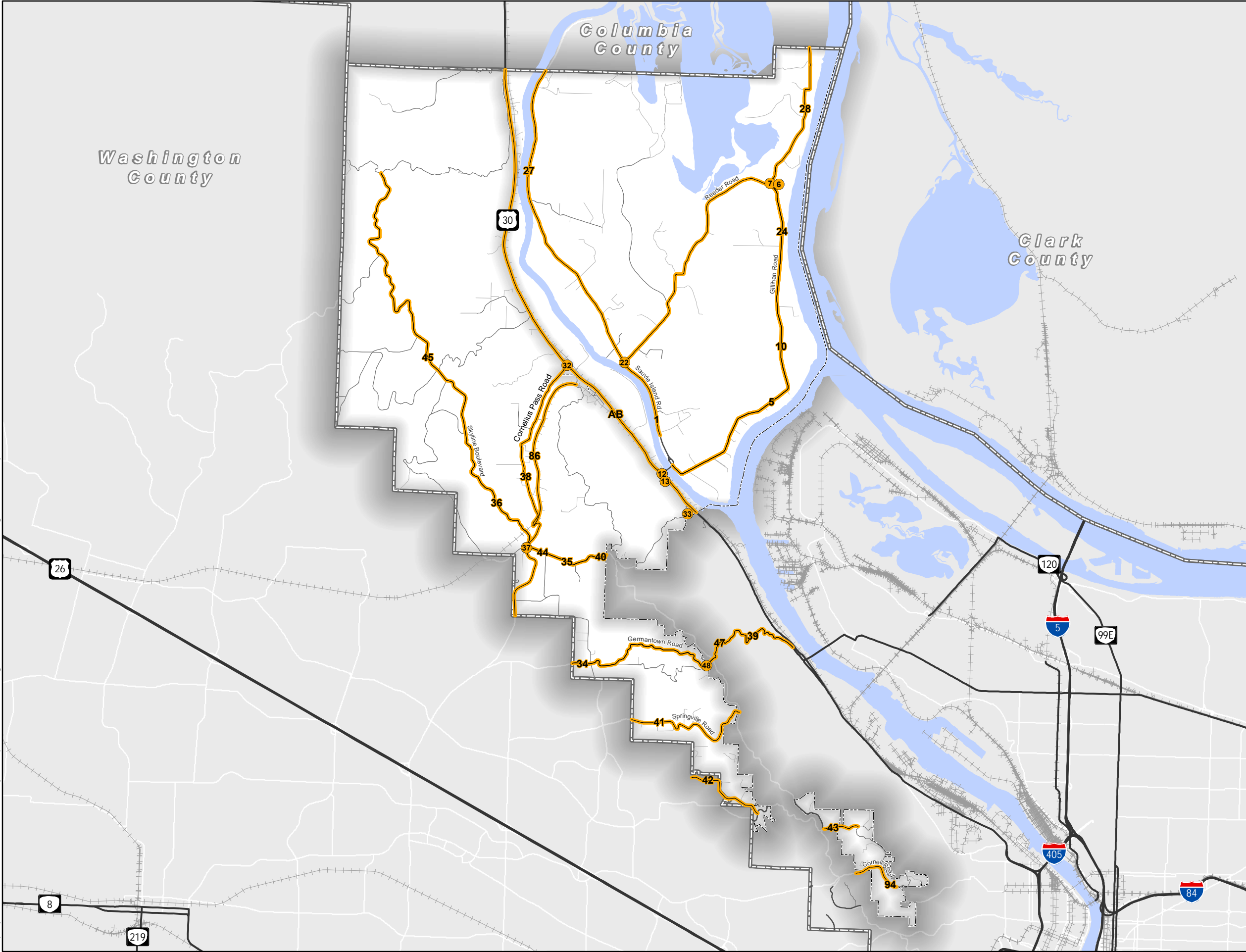


Prepared By: Kittelson & Associates, Inc. Date: 10/29/2015

Coordinate System:
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Comprehensive Plan

Figure 9A

Planned and
Programmed Projects

- Project Points
- Project Segments
- Plan Areas
- County Boundaries

0 0.5 1 2 Miles



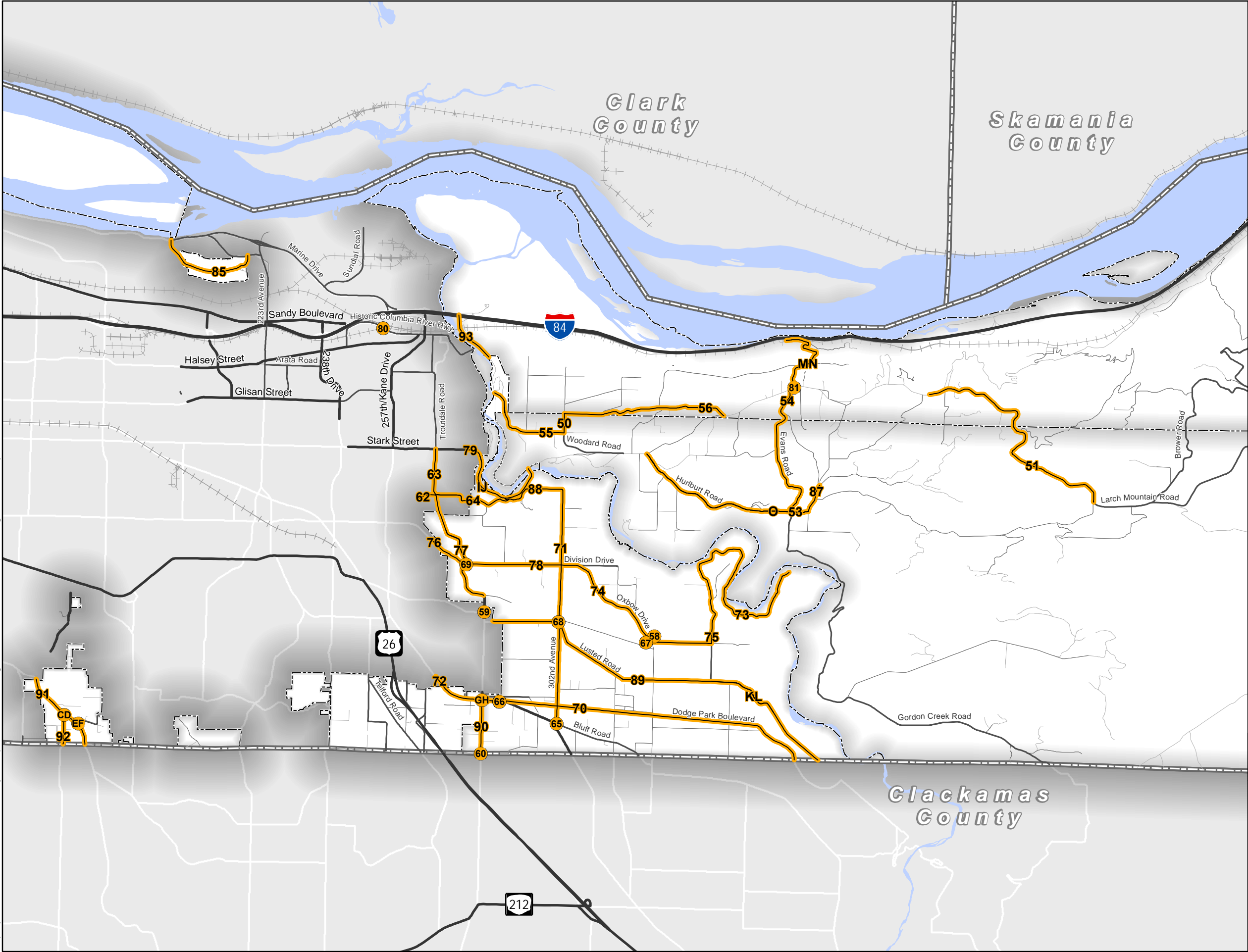
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11/4/2015

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Comprehensive Plan

Figure 9B Planned and Programmed Projects

- Project Points
- Project Segments
- Plan Areas
- County Boundaries

0 0.5 1 2 Miles



Prepared By: Kittelson & Associates, Inc. Date: 11/3/2015

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Project Number	Project Name	Project Description	CIPP/TSP/RAP?	Project Type	Bike Map Designation	East County	West County		Open House Notes	Related Projects
							West Hills	SIMC		
West County: West Hills										
34	Germantown Road	Safety improvement – Add to 2.22 miles of shoulders (4 ft).	TSP	Shoulder	Not Specified		x		Germantown has too many blink corners for bicycles. Safety improvements at upper intersection with Old Germantown. Mirror not a good idea - LT from GT to OGT --> difficult and dangerous	
35	Skyline Boulevard	Safety improvement – Add to shoulders from UGB to Cornelius Pass Road (1.49 miles).	CIPP TSP	Safety/ Shoulder	Proposed Bikeways		x			
36	Skyline Boulevard	Safety improvement – Add to shoulders from Cornelius Pass Road to Rocky Point Road (4 ft).	CIPP TSP	Safety	Proposed Bikeways		x			
37	Skyline Boulevard	Cornelius Pass Road intersection improvements – install signal, provide westbound left-turn lane and through/right lane on Skyline Boulevard.	TSP	Intersection Improvements	Proposed Bikeways		x			
38	Cornelius Pass Road	Safety improvements - 8th Avenue; S curves; Boyd's lower driveway; curves south of Plainview; Kaiser Road signage, clearing, and flashing beacons; corridor signage; vehicle pullouts; barrier and guardrail upgrades; reduce pavement drop offs; variable message signs	Corn Pass Safety Study	Safety	Proposed Bikeways		x		Cornelius is a less than ideal bike route. It shouldn't allow bikes. Do a full improvement, not "bandaid". Photo radar would be on list (like Sauvie Island)	
39	Germantown Road	Safety spot improvements – Widen lanes on curves only, install center skip like reflective markers, and install mirror at intersection with Old Germantown Road.	TSP	Safety	Not Specified		x		Germantown has too many blink corners for bicycles. Safety improvements at upper intersection with Old Germantown. Mirror not a good idea - LT from GT to OGT --> difficult and dangerous	
40	Skyline Boulevard	Speed zone study – Conduct speed study to determine appropriate speed limit for Skyline Boulevard from Cornelius Pass Road east to city limits of Portland.	TSP	Safety	Proposed Bikeways		x			
41	Springville Road	Safety improvement – Add to shoulders (4 ft).	CIPP TSP	Shoulder	Proposed Bikeways		x			
42	Laidlaw Road	Safety improvement – Add to shoulders (4 ft).	TSP	Shoulder	Not Specified		x			
43	Thompson Road	Safety improvement – Add to shoulders (4 ft).	TSP	Shoulder	Proposed Shared Roadways		x			
44	Skyline Boulevard	Safety improvement – Install traffic calming devices such as speed humps to reduce speeds from UGB to Cornelius Pass Road.	TSP	Safety	Proposed Bikeways		x			
45	Skyline Boulevard	Scenic viewing opportunities – Acquire property through fee or donation for development of parking area adjacent to roadway.	TSP	Sight-seeing	Proposed Bikeways		x			
47	Germantown Road	Safety improvement – Install traffic calming devices such as speed humps to reduce speeds.	TSP	Safety	Not Specified		x		Bridge route to St Johns Bridge - back ups on Hwy 30 and Germantown. Bridge Road - return to 2 lanes approaching bridge (Hwy 30)	
48	Germantown Road/Old Germantown Road (PN 726)	Widen Germantown Road to create left turn pocket and improve sight distance.	CIPP	Safety	Not Specified/ Proposed Shared Roadways		x			

Project Number	Project Name	Project Description	CIPP/TSP/RAP?	Project Type	Bike Map Designation	East County	West County		Open House Notes	Related Projects
							West Hills	SIMC		
49	Cornelius Pass Road: (old) St. Helens Road to MP 2	Provide separation for bicycles where warranted and/or feasible. Improvements could include narrow shoulders (3-4 feet) to full width shoulders (6 feet) in one or both directions or could include minimal improvements such as uphill bicycle climbing lanes or intermittent bicycle pull-outs.	CIPP	Bikeway	Proposed Bikeways		x		Cornelius is a less than ideal bike route. It shouldn't allow bikes. Do a full improvement, not "bandaid"	
86	Burlington Northern Trail	Convert Burlington Northern railroad corridor parallel to Cornelius pass Road to a mixed-use trail	New	Trail	Proposed Bikeways		x			
94	Cornell Road	Provide separation for bicycles where warranted and/or feasible. Improvements could include narrow shoulders (3-4 feet) to full width shoulders (6 feet) in one or both directions or could include minimal improvements such as uphill bicycle climbing lanes or intermittent bicycle pull-outs.	New	Bikeway	Proposed Bikeways		x			
West County: SIMC										
1	Sauvie Island Road Multi-Use Path	Construct multi-use path parallel to sections of Sauvie Island Road located on the levee.	SIMC TSP	Path/Trail	Proposed Bikeways			x		
2	Advisory Bike Lane Study	Conduct engineering study to identify potential locations for an advisory bike lane pilot test and verify adequate sight distance.	SIMC TSP	Bike	N/A			x		
3	Advisory Bike Lane Pilot Project	Implement advisory lane pilot test project. The project will temporarily implement an advisory lane and be monitored for compliance and use.	SIMC TSP	Safety	N/A			x		
4	Sauvie Island and Multnomah Channel (SIMC) Bike Map	Work with Sauvie Island Community Association (SICA) and other Sauvie Island stakeholders to develop a bike map that includes wayfinding and education	SIMC TSP	Bike	N/A			x		
5	Gillihan Road Curve Improvements	Provide warning signs and delineation posts on curves along the loop roads.	SIMC TSP	Safety	Proposed Bikeways			x		
6	Gillihan Road/Reeder Road Intersection Improvement Study	Conduct an engineering/safety study to determine impacts and safety considerations for implementing three-way stop-control at the intersection of Gillihan Road and Reeder Road.	SIMC TSP	Safety/ Intersection Improvements	Proposed Bikeways			x		
7	Gillihan Road/Reeder Road Intersection Upgrades	Implement a three-way stop control at the intersection of Gillihan Road and Reeder Road.	SIMC TSP	Intersection Improvements	Proposed Bikeways			x		
8	SIMC Wayfinding Upgrades	Install additional wayfinding to provide guidance to motorized and non-motorized users to areas of interest such as types and location of recreation, parking, and other key destinations.	SIMC TSP	Signage	N/A			x		

Project Number	Project Name	Project Description	CIPP/TSP/RAP?	Project Type	Bike Map Designation	East County	West County		Open House Notes	Related Projects
							West Hills	SIMC		
9	Share the Road Improvements	Install warning/advisory signs are to inform motorists of bicycles and farm equipment sharing the road along facilities (all roads under existing conditions)	SIMC TSP	Safety	N/A			x		
10	Gillihan Road Signage Improvements	Install speed limit signs on unsigned sections of Gillihan Road.	SIMC TSP	Safety	Proposed Bikeways			x		
11	Sauvie Island Mobile Speed Radar Implementation	Obtain a mobile speed radar unit for Sauvie Island that can be relocated at regular intervals.	SIMC TSP	Safety	N/A			x		
12	US 30/Sauvie Island Road Intersection Upgrades	Upgrade the traffic signal controller at the intersection of US 30 and Sauvie Island Road.	SIMC TSP	Intersection Improvements	Existing On-Street Bike Facility			x		
13	US 30/Sauvie Island Road Intersection Signal Study	Conduct study of signal timing at the intersection of US 30 and Sauvie Island Road for possible truck extensions, westbound detection issues, and optimization of green and red time.	SIMC TSP	Intersection Improvements	Existing On-Street Bike Facility/ Proposed Bikeways			x		
14	Parking Information Distribution Study	Study to determine the most effective and feasible method to implement distribution of parking information.	SIMC TSP	Parking/ Permit	N/A			x		
15	Permitting Study	Work with ODF&W to implement an increased parking permit fee and/or limit number of permits. Include bicycle permitting.	SIMC TSP	Parking/ Permit	N/A			x		
16	Sauvie Island Park-n-Ride and Shuttle Service Study	Study to determine location of off-island park-n-ride lots and plan for on-island shuttle service for events.	SIMC TSP	Parking/ Permit	N/A			x		
17	Event Permit Calendar	Develop event permit calendar and implement use.	SIMC TSP	Parking/ Permit	N/A			x		
18	Daily Trip Study	Study to explore a daily trip cap.	SIMC TSP	Study?	N/A			x		
19	Ticket and Permit Enforcement Study	Study the implementation of increased permits and enforcement of permits; including illegally parked vehicles, beach day use permits, and existing permit compliance.	SIMC TSP	Parking/ Permit	N/A			x		
20	Sauvie Island Bridge Toll Study	Study the implications of a Sauvie Island Bridge toll for non-residents.	SIMC TSP	Toll Study	N/A			x		
21	SIMC Travel Demand Management Plan	Develop a Travel Demand Management Plan for the island that further explores each of the potential TDM strategies and explores and identifies a potential Transportation Management Association (TMA) for Sauvie Island. Elements of the TDM plan should include input from projects 14-20.	SIMC TSP	TDM	N/A			x		

Project Number	Project Name	Project Description	CIPP/TSP/RAP?	Project Type	Bike Map Designation	East County	West County		Open House Notes	Related Projects
							West Hills	SIMC		
22	Sauvie Island Road/Reeder Road Intersection Improvement Study	Conduct an engineering/safety study to determine impacts and safety considerations for implementing three-way stop-control and channelized right-turn for northbound traffic at the intersection of Sauvie Island Road and Reeder Road.	SIMC TSP	Intersection Improvements	Proposed Bikeways			x		
23	SIMC Rail Study	Conduct rail corridor study to identify feasible local street connections and railroad crossing consolidation and upgrades. Project will include coordinate with owners of the private rail crossings.	SIMC TSP	Safety	N/A			x		
24	Loop Road Shoulder Improvements	Provide 3-4 foot paved shoulders on the loop roads including Reeder Road, Sauvie Island Road, and Gillihan Road.	SIMC TSP	Bikway/Shoulder	Proposed Bikeways			x		
25	Sauvie Island Speed Photo Radar Implementation	Implement permanent speed photo radar signs at several locations on Sauvie Island.	SIMC TSP	Safety	N/A			x		
26	Sauvie Island Speed Photo Radar Ticketing Implementation	Implement photo radar ticketing at several locations on Sauvie Island	SIMC TSP	Safety	N/A			x		
27	Sauvie Island Road Shoulder Improvements	Provide 3-4 foot paved shoulders on Sauvie Island Road from Reeder Road to the Columbia County line.	SIMC TSP	Shoulder	Proposed Shared Roadway			x		
28	Reeder Road Shoulder Improvements	Provide 3-4 foot paved shoulders on Reeder Road from Gillihan Road to the Columbia County line.	SIMC TSP	Shoulder	N/A			x		
32	Cornelius Pass Road	<i>U.S. 30 intersection improvements</i> – Include a northbound turn lane and shared northbound left-turn/right-turn lane.	RAP	Intersection Improvements	Proposed Bikeways			x	Roundabout on Cornelius Pass - good idea	
33	Newberry Road	Safety spot improvement – Install guardrail ¼ mile south of US 30 and install speed hump 1.2 miles from US 30.	TSP	Safety	Prepared Shared Roadways			x	Add back vertical reflectors	
A	US 30 Safety Study	Study US 30 from Portland City limits to Multnomah County limits for potential safety improvements. Corridors to study are US 30 between between Portland City limits to Sauvie Island, southeast of Cornelius Pass, and before the County border.	New	Safety	Existing On-Street Bike Facility			x		29,31,30,12,13,32,33
B	US 30 Safety Improvements	Implement safety improvements from US 30 Safety Study.	New	Safety	Existing On-Street Bike Facility			x		29,31,30,12,13,32,33
East County										
50	Ogden Road: Mershon to Woodard	Provide separation for bicycles where warranted and/or feasible. Improvements could include narrow shoulders (3-4 feet) to full width shoulders (6 feet) in one or both directions or could include minimal improvements such as uphill bicycle climbing lanes or intermittent bicycle pull-outs.	CIPP	Bikeway	Proposed Bikeways	x				

Project Number	Project Name	Project Description	CIPP/TSP/RAP?	Project Type	Bike Map Designation	East County	West County		Open House Notes	Related Projects
							West Hills	SIMC		
51	Larch Mt. Road: HCRH to End of Road	Shoulder bikeway.	CIPP	Shoulder/ Bike	Proposed Shared Roadways	x				
53	Hurlburt Road: HCRH to Littlepage Road	Provide separation for bicycles where warranted and/or feasible. Improvements could include narrow shoulders (3-4 feet) to full width shoulders (6 feet) in one or both directions or could include minimal improvements such as uphill bicycle climbing lanes or intermitent bicycle pull-outs.	CIPP	Bikeway	Proposed Bikeways	x			Hurlburt is DANGEROUS. Not appropriate to widen either	
54	Evan Road: Hurlburt Road to HCRH	Provide separation for bicycles where warranted and/or feasible. Improvements could include narrow shoulders (3-4 feet) to full width shoulders (6 feet) in one or both directions or could include minimal improvements such as uphill bicycle climbing lanes or intermitent bicycle pull-outs.	CIPP	Bikeway	Proposed Bikeways	x				
55	Woodard Road: HCRH to Ogden Road	Shoulder bikeway.	CIPP	Shoulder/ Bike	Proposed Shared Roadways	x				
56	Mershon Road: Ogden to HCRH	Provide separation for bicycles where warranted and/or feasible. Improvements could include narrow shoulders (3-4 feet) to full width shoulders (6 feet) in one or both directions or could include minimal improvements such as uphill bicycle climbing lanes or intermitent bicycle pull-outs.	CIPP	Bikeway	Proposed Bikeways	x				
57	Orient Road/Dodge Park Boulevard Realignment	Realign the intersection to create a more perpendicular angle. Driveway modifications would be required to serve the autobody shop in the northwest quadrant of the intersection.	RAP	Intersection Improvements	Proposed Bikeways	x				
58	Oxbow Drive/327 th Avenue Realignment	Channelizing the broad paved area on SE 327 th Avenue at the approach to SE Oxbow Drive to create a more perpendicular intersection is recommended to improve sight distance and reduce the potential for conflict between westbound left turns and northbound left turns.	RAP	Intersection Improvements	Proposed Bikeways/Proposed Shared Roadways	x				
59	Lusted Road/Powell Valley Road/282 nd Avenue Consolidation	Realignment to connect SE Lusted Road directly with SE Powell Valley Road is included in the County's Capital Improvement Plan and Program. The project would require further engineering analysis and coordination with the City of Gresham to develop a recommend alignment. A traffic signal is warranted based on projected 2020 PM peak hour volumes, and would provide LOS B operations.	RAP	Intersection Improvements	Proposed Bikeways	x			Lusted/Powell Valley realignment will be difficult with new subdivision approved	

Project Number	Project Name	Project Description	CIPP/TSP/RAP?	Project Type	Bike Map Designation	East County	West County		Open House Notes	Related Projects
							West Hills	SIMC		
60	282 nd Avenue/Stone Road Turn Lanes	The addition of turn lanes in the northbound and southbound direction on 282 nd would reduce the high incidence of rear end crashes at this location. Some roadway widening would be necessary.	RAP	Intersection Improvements	Proposed Bikeways/ Shared Roadways	x			needs turning radius improved	
61	Shoulder Widening to Meet Updated Standards	Prioritization for shoulder improvements within the West of Sandy River rural area should be given to roadways connecting to school sites, especially Barlow High School. Proposed shoulder widening should be evaluated based on potential impacts on drainage and adjacent productive lands. For shoulders wider than 1.8 meters, the adopted County standards require paved width of 1.5 meters. The remaining 0.3 meters may be unpaved. Shoulder widening should be incorporated into routine roadway maintenance wherever possible.	RAP	Shoulder	N/A	x				
62	Cochran Drive: Troutdale Road to westerly 2175' (PN 145)	Reconstruct to major collector standards: 2 travel lanes, center lane/median, sidewalks, bike lanes, and culvert replacement.	CIPP	Cross-section Reconstruction	Not Specified	x				
63	Troutdale Road: Stark St to Division Drive (PN TBD)	Reconstruct with 2 travel lanes; construct center turn lane/median, sidewalks, bicycle lanes between Stark and Strebin. Reconstruct Troutdale Road/Division Drive intersection including new fish culverts.	CIPP	Cross-section Reconstruction/ Intersection Improvements	Proposed Off-Street Bikeways	x				
64	Sweetbriar Road: Troutdale Road to E City Limit (PN 149)	Widen to neighborhood collector standards with 2 travel lanes, sidewalk and bike lanes.	CIPP	Cross-section Reconstruction	Not Specified	x				
65	Orient Drive/Bluff Road (PN 706)	Widen Orient Drive to create eastbound left turn lane to Bluff Road, realign Bluff and Teton to create perpendicular intersection.	CIPP RAP	Intersection Improvements	Proposed Shared Roadways	x				
66	Orient Drive/Dodge Park Boulevard (PN 703)	Widen Orient Drive to create eastbound left turn lane.	CIPP	Intersection Improvements	Proposed Bikeways	x				
67	Oxbow Drive/Altman Road (PN 707)	Widen Oxbow Drive to create westbound left turn lane to Altman Road, realign intersection to a 5 perpendicular intersection.	CIPP	Intersection Improvements	Proposed Bikeways/ Shared Roadways	x				
68	302 nd Avenue/Lusted Road (PN 704)	Realign Lusted Road and Pipeline Road to create perpendicular intersection at 302 nd , add left turn lane to each leg of intersection.	CIPP RAP	Intersection Improvements	Proposed Bikeways	x			Speed limit on Lusted is too fast	
69	Division Drive/Troutdale Road (Included in Collector project above) (PN 186)	Realign intersection, eliminating NE leg, producing a 4-way intersection. Replace 3 existing culverts identified as fish barriers. \$ -	CIPP RAP	Intersection Improvements	Proposed Bikeways	x				

Project Number	Project Name	Project Description	CIPP/TSP/RAP?	Project Type	Bike Map Designation	East County	West County		Open House Notes	Related Projects
							West Hills	SIMC		
70	Dodge Park Boulevard: Orient to County Line	Provide separation for bicycles where warranted and/or feasible. Improvements could include narrow shoulders (3-4 feet) to full width shoulders (6 feet) in one or both directions or could include minimal improvements such as uphill bicycle climbing lanes or intermitent bicycle pull-outs.	CIPP	Bikeway	Proposed Bikeways	x				
71	302 nd Avenue: Kerslake to Bluff	Provide separation for bicycles where warranted and/or feasible. Improvements could include narrow shoulders (3-4 feet) to full width shoulders (6 feet) in one or both directions or could include minimal improvements such as uphill bicycle climbing lanes or intermitent bicycle pull-outs.	CIPP	Bikeway	Proposed Bikeways	x				
72	Orient Drive: Welch Road to Dodge Park Boulevard	Provide separation for bicycles where warranted and/or feasible. Improvements could include narrow shoulders (3-4 feet) to full width shoulders (6 feet) in one or both directions or could include minimal improvements such as uphill bicycle climbing lanes or intermitent bicycle pull-outs.	CIPP	Bikeway	Proposed Bikeways	x				
73	Oxbow Parkway: Hosner Road to Road End	Provide separation for bicycles where warranted and/or feasible. Improvements could include narrow shoulders (3-4 feet) to full width shoulders (6 feet) in one or both directions or could include minimal improvements such as uphill bicycle climbing lanes or intermitent bicycle pull-outs.	CIPP	Bikeway	Proposed Bikeways	x				
74	Oxbow Drive: Division Drive to Hosner Road	Provide separation for bicycles where warranted and/or feasible. Improvements could include narrow shoulders (3-4 feet) to full width shoulders (6 feet) in one or both directions or could include minimal improvements such as uphill bicycle climbing lanes or intermitent bicycle pull-outs.	CIPP	Bikeway	Proposed Bikeways	x			Oxbow is particularly narrow, with very fast drivers. Needs a posted speed limit	
75	Hosner Road: Hosner Terrace to Oxbow Park Road SE	Provide separation for bicycles where warranted and/or feasible. Improvements could include narrow shoulders (3-4 feet) to full width shoulders (6 feet) in one or both directions or could include minimal improvements such as uphill bicycle climbing lanes or intermitent bicycle pull-outs.	CIPP	Bikeway	Proposed Bikeways	x				
76	SE Division Drive: UGB to Troutdale Road	Bike lanes.	CIPP	Bike	Proposed Bikeways	x				
77	Troutdale Road: Strebin Road to 282 Avenue	Bike lanes.	CIPP	Bike	Proposed Off-Street Bikeways	x				

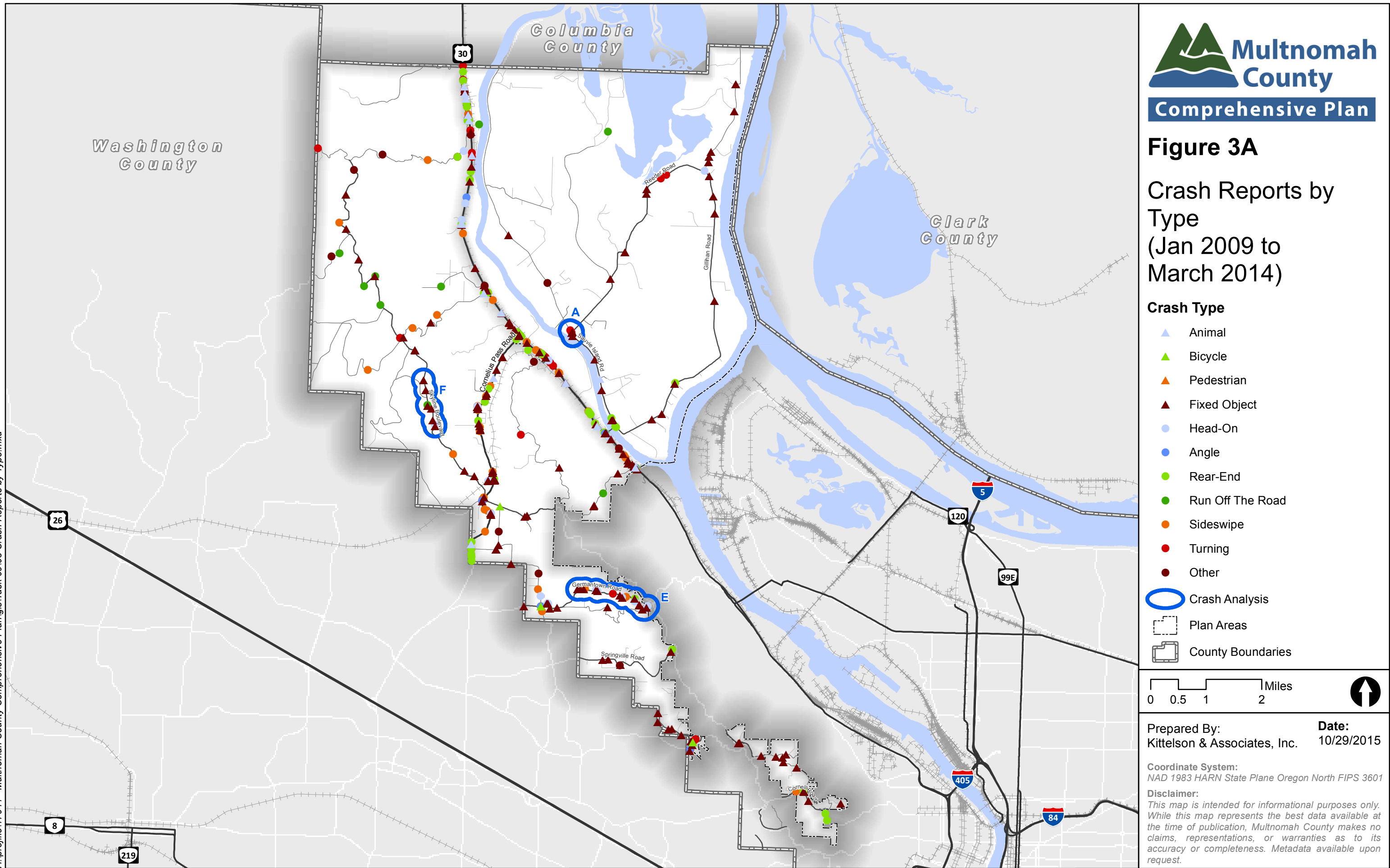
Project Number	Project Name	Project Description	CIPP/TSP/RAP?	Project Type	Bike Map Designation	East County	West County		Open House Notes	Related Projects
							West Hills	SIMC		
78	SE Division Drive: Troutdale to Oxbow Parkway	Bike lanes.	CIPP	Bike	Proposed Bikeways	x				
79	Stark St: Eavans Ave to 35th St	Add sidewalk to southside	PedMaster	Sidewalk	Not Specified	x				
80	Historic Columbia River Highway RR Overcrossing: Half miles east of 244 th Avenue (PN 199)	Reconstruct railroad bridge to accommodate wider travel lanes, sidewalks, and bike lanes.	CIPP	Cross-section Reconstruction	Historic Columbia River Highway	x				
81	Corbett Hill Road/Historic Columbia River Highway (PN 147)	Improve intersection alignment by making stops at right angle.	CIPP	Intersection Improvements	Historic Columbia River Highway	x				
82	Sandy River to Springwater multi-modal connection	Projects to provide mutli-modal connections from Downtown Troutdale to Mt. Hood Community College and the Springwater Corridor Trail. CATALYST PROJECTS: Master plan for new multi-modal corridor.	ConnectPlan	Multi-modal	N/A	x				
83	Pleasant Valley	Projects develop the necessary public infrastructure for development of Pleasant Valley Community Plan. CATALYST PROJECTS: Improvements to 174 th and Foster.	ConnectPlan	Public Infrastructure	N/A	x				
84	Catalyst for Springwater District	Projects help develop the necessary public infrastructure for private investment and jobs in this regionally significant employment area. Projects include a new interchange on US 26 and an extension of Rugg Road to connect US 26 and Hogan, as well as collector street improvements to provide needed access for future jobs and employment. CATALYST PROJECTS: New interchange on US 26 and arterial connections.	ConnectPlan	Public Infrastructure	N/A	x				
85	Interlachen Lane: Marine Dr to Blue Lake Rd	Add sidewalks to both sides	PedMaster	Sidewalk	Proposed Shared Roadways	x				
87	Littlepage Road: Hurlurt to Knieriem	Provide separation for bicycles where warranted and/or feasible. Improvements could include narrow shoulders (3-4 feet) to full width shoulders (6 feet) in one or both directions or could include minimal improvements such as uphill bicycle climbing lanes or intermitent bicycle pull-outs.	New	Bikeway	Proposed Bikeways	x				

Project Number	Project Name	Project Description	CIPP/TSP/RAP?	Project Type	Bike Map Designation	East County	West County		Open House Notes	Related Projects
							West Hills	SIMC		
88	Kerslake Road: Wilson to 302nd	Provide separation for bicycles where warranted and/or feasible. Improvements could include narrow shoulders (3-4 feet) to full width shoulders (6 feet) in one or both directions or could include minimal improvements such as uphill bicycle climbing lanes or intermitent bicycle pull-outs.	New	Bikeway	Proposed Bikeways	x				
89	Lusted Road: 282nd to County line	Provide separation for bicycles where warranted and/or feasible. Improvements could include narrow shoulders (3-4 feet) to full width shoulders (6 feet) in one or both directions or could include minimal improvements such as uphill bicycle climbing lanes or intermitent bicycle pull-outs.	New	Bikeway	Proposed Bikeways	x				
90	282nd Ave: Orient to County Line	Provide separation for bicycles where warranted and/or feasible. Improvements could include narrow shoulders (3-4 feet) to full width shoulders (6 feet) in one or both directions or could include minimal improvements such as uphill bicycle climbing lanes or intermitent bicycle pull-outs.	New	Bikeway	Proposed Bikeways	x				
91	Foster Road: Jenne to County Line	Provide separation for bicycles where warranted and/or feasible. Improvements could include narrow shoulders (3-4 feet) to full width shoulders (6 feet) in one or both directions or could include minimal improvements such as uphill bicycle climbing lanes or intermitent bicycle pull-outs.	New	Bikeway	Proposed Bikeways	x				
92	172nd Ave: Foster to County Line	Provide separation for bicycles where warranted and/or feasible. Improvements could include narrow shoulders (3-4 feet) to full width shoulders (6 feet) in one or both directions or could include minimal improvements such as uphill bicycle climbing lanes or intermitent bicycle pull-outs.	New	Bikeway	Proposed Bikeways	x				
93	Crown Point Hwy: US84 to HCRH	Provide separation for bicycles where warranted and/or feasible. Improvements could include narrow shoulders (3-4 feet) to full width shoulders (6 feet) in one or both directions or could include minimal improvements such as uphill bicycle climbing lanes or intermitent bicycle pull-outs.	New	Bikeway	Proposed Bikeways	x				

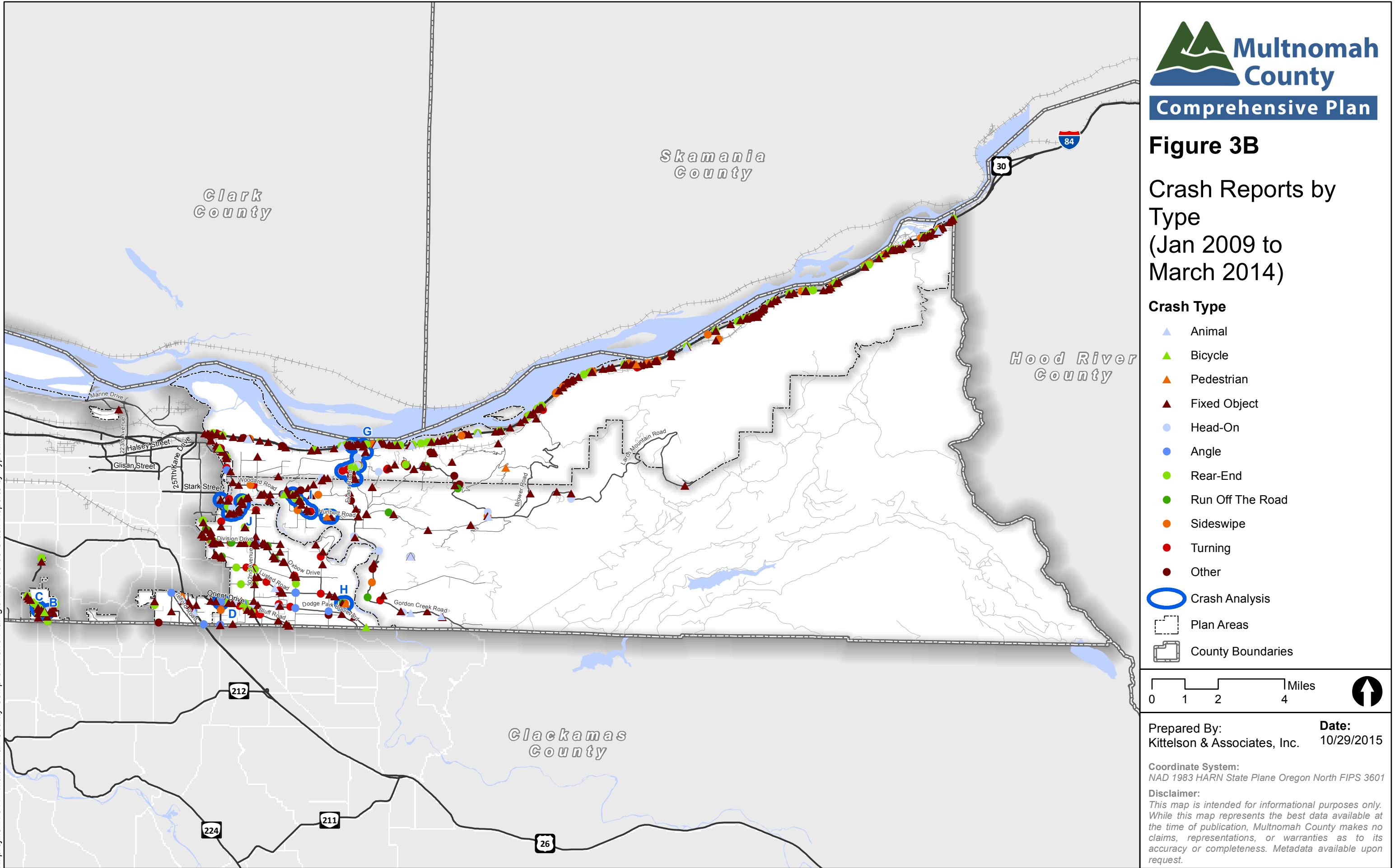
Project Number	Project Name	Project Description	CIPP/TSP/RAP?	Project Type	Bike Map Designation	East County	West County		Open House Notes	Related Projects
							West Hills	SIMC		
C	Foster Road/172nd Avenue Safety Study	Study Foster Road/172nd Avenue for potential safety improvements including turning lanes, advanced warning signs, and realigning the intersection so Foster Road is perpendicular. Sight distance may be an issue as well.	New - For Pleasant Valley Plan	Safety	Proposed Bikeways	x				N/A
D	Foster Road/172nd Avenue Safety Improvements	Implement safety improvements from Foster Road/172nd Avenue Safety Study.	New - For Pleasant Valley Plan	Safety	Proposed Bikeways	x				N/A
E	Foster Road/Richey Road Safety Study	Study Foster Road/Richey Road for potential safety improvements including turning lanes and advanced warning signs. Sight distance may be an issue as well.	New - For Pleasant Valley Plan	Safety	Proposed Bikeways and Proposed Off-Street Bikeways	x				N/A
F	Foster Road/Richey Road Safety Improvements	Implement safety improvements from Foster Road/Richey Road Safety Study.	New - For Pleasant Valley Plan	Safety	Proposed Bikeways and Proposed Off-Street Bikeways	x				N/A
G	Orient Drive/282nd Avenue Safety Study	Study Orient Drive/282nd Avenue for potential safety improvements including advanced warning signs and signal modifications (timing, phasing, controller).	New	Safety	Proposed Bikeways	x				72
H	Orient Drive/282nd Avenue Safety Improvements	Implement safety improvements from Orient Drive/282nd Avenue Safety Study.	New	Safety	Proposed Bikeways	x				72
I	Stark Street Safety Study	Study Stark Street between 36th Street and Historic Columbia River Highway for potential safety improvements including advanced warning signs and signal modifications (timing, phasing, controller).	New	Safety	Existing On-Street Bike Facility	x				79
J	Stark Street Safety Improvements	Implement safety improvements from Stark Street Safety Study.	New	Safety	Existing On-Street Bike Facility	x				79
K	Lusted Road Safety Study	Study Lusted Road between ¼ of a mile east starting 1/3 of a mile east of Cottrell Road for potential safety improvements including curve warning signs, delineation, and shoulder widening. (not sure this makes sense... Did Jenny mean "Study Lusted Road for 1/4 of a mile in the east direction starting 1/3 of a mile east of Cottrell Road"?)	New	Safety	Proposed Bikeways	x			Speed limit on Lusted is too fast	N/A
L	Lusted Road Safety Improvements	Implement safety improvements from Lusted Road Safety Study.	New	Safety	Proposed Bikeways	x			Speed limit on Lusted is too fast	N/A
M	Corbett Hill Road Safety Study	Study Corbett Hill Road between I-84 and Historic Columbia River Highway for potential safety improvements including curve warning signs, delineation, and shoulder widening.	New	Safety	N/A	x				81
N	Corbett Hill Road Safety Improvements	Implement safety improvements from Corbett Hill Road Safety Study.	New	Safety	N/A	x				81

Project Number	Project Name	Project Description	CIPP/TSP/RAP?	Project Type	Bike Map Designation	East County	West County		Open House Notes	Related Projects
							West Hills	SIMC		
O	Potential: Hurlburt Road Safety Study	Not sure if necessary since the additional shoulder width provided in another project might address the issue	New	Safety	Proposed Bikeways	x			Hurlburt is DANGEROUS. Not appropriate to widen either	53

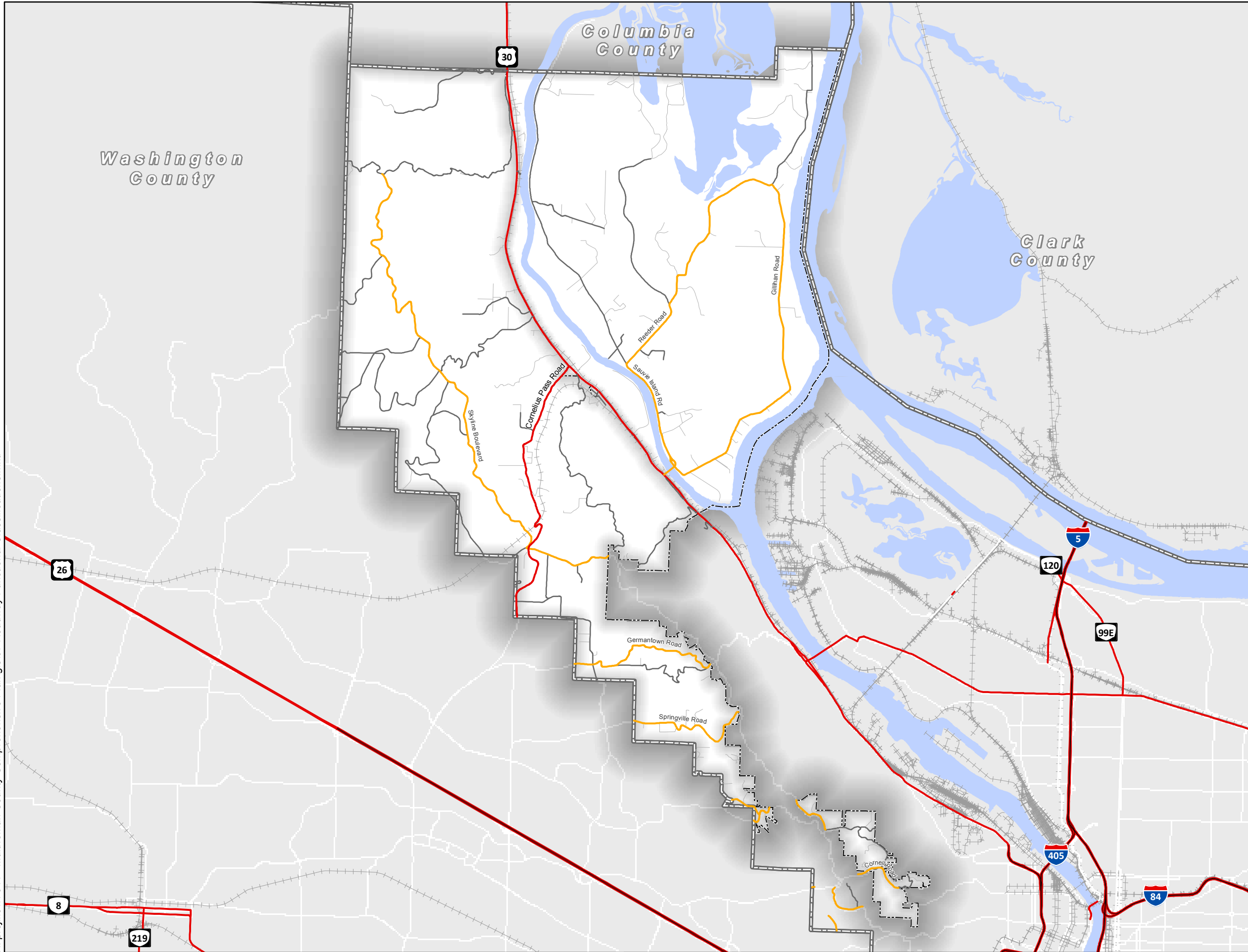
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Comprehensive Plan

Figure 7A
Roadway Functional
Classifications

Roadway Functional Classification (MultCo)

- Interstate / Expressway
- Arterials
- Collectors
- Local
- Local (not maintained by county)
- Railroad (ODOT)
- Plan Areas
- County Boundaries

0 0.5 1 2 Miles



Prepared By: Kittelson & Associates, Inc. Date: 8/7/2015

Coordinate System:
NAD 1983 HARN State Plane Oregon North FIPS 3601

Disclaimer:
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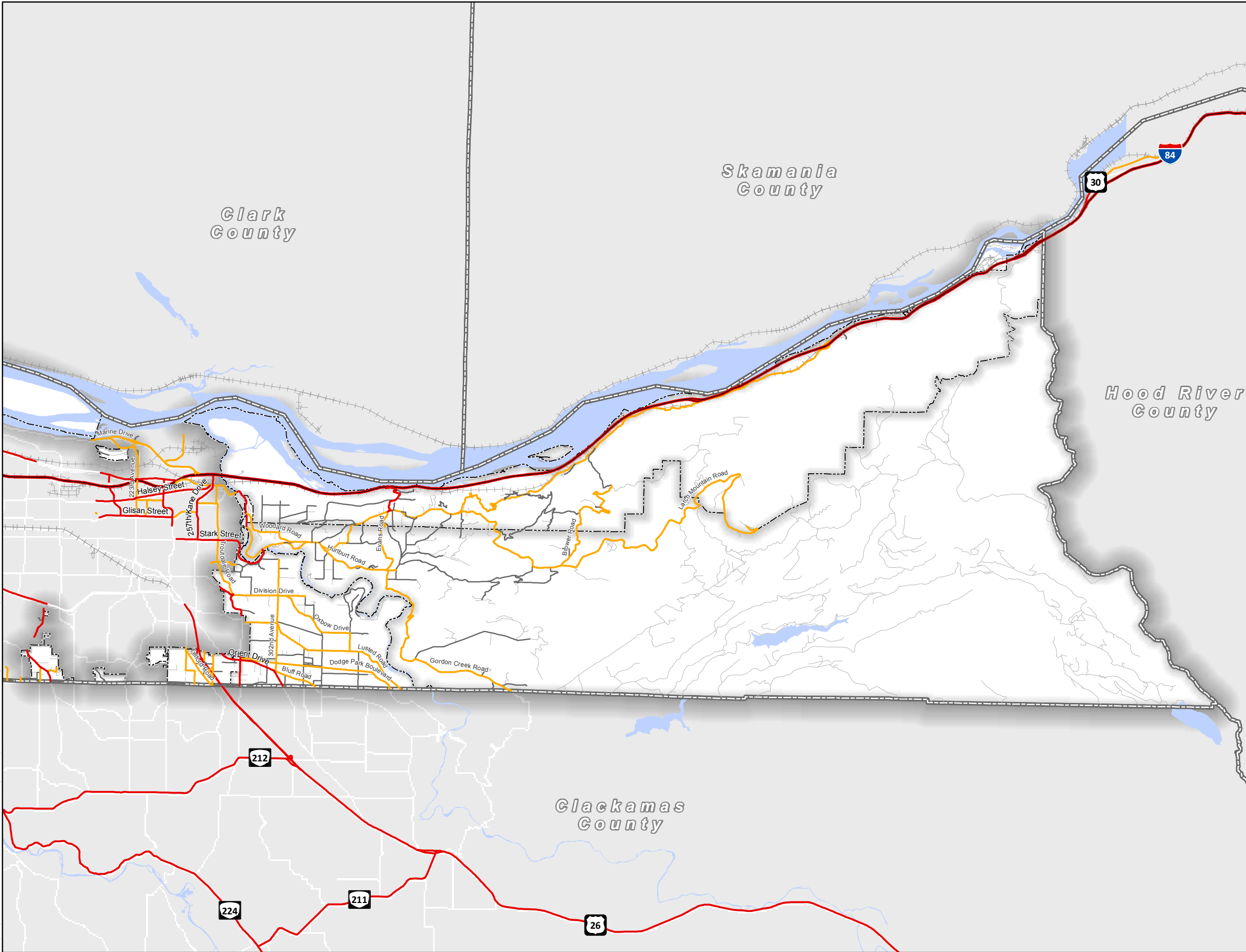










Figure 7B
Roadway Functional Classifications

Roadway Functional Classification (MultCo)

-  Interstate / Expressway
-  Arterials
-  Collectors
-  Local
-  Local (not maintained by county)
-  Railroad (ODOT)
-  Plan Areas
-  County Boundaries

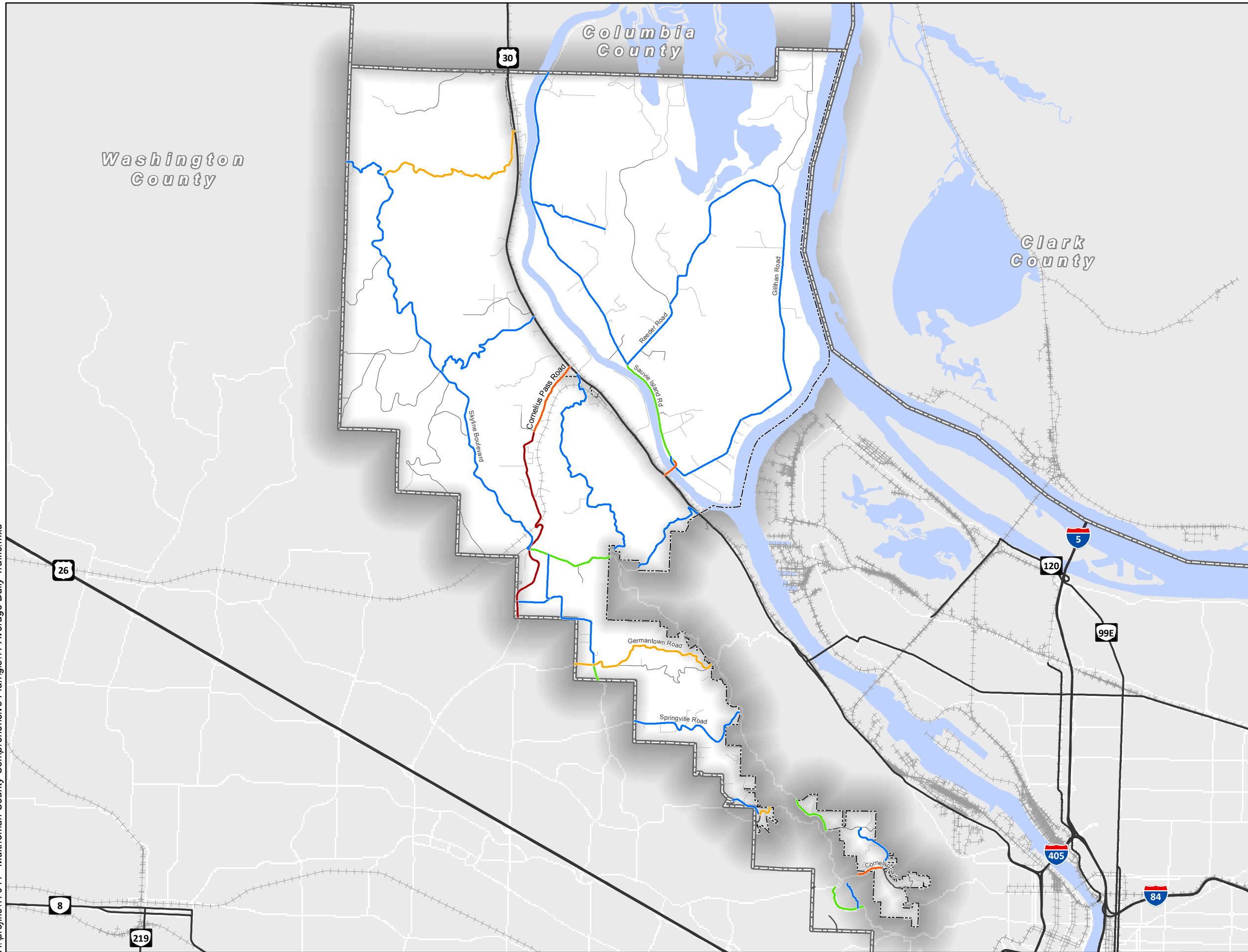


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Comprehensive Plan

Figure 11A Average Daily Traffic

Average Daily Traffic (records from 2006 to 2014)

- <1,500
- 1,500 - 3,000
- 3,001 - 5,000
- 5,001 - 10,000
- >10,000

- Plan Areas
- County Boundaries

0 0.5 1 2 Miles

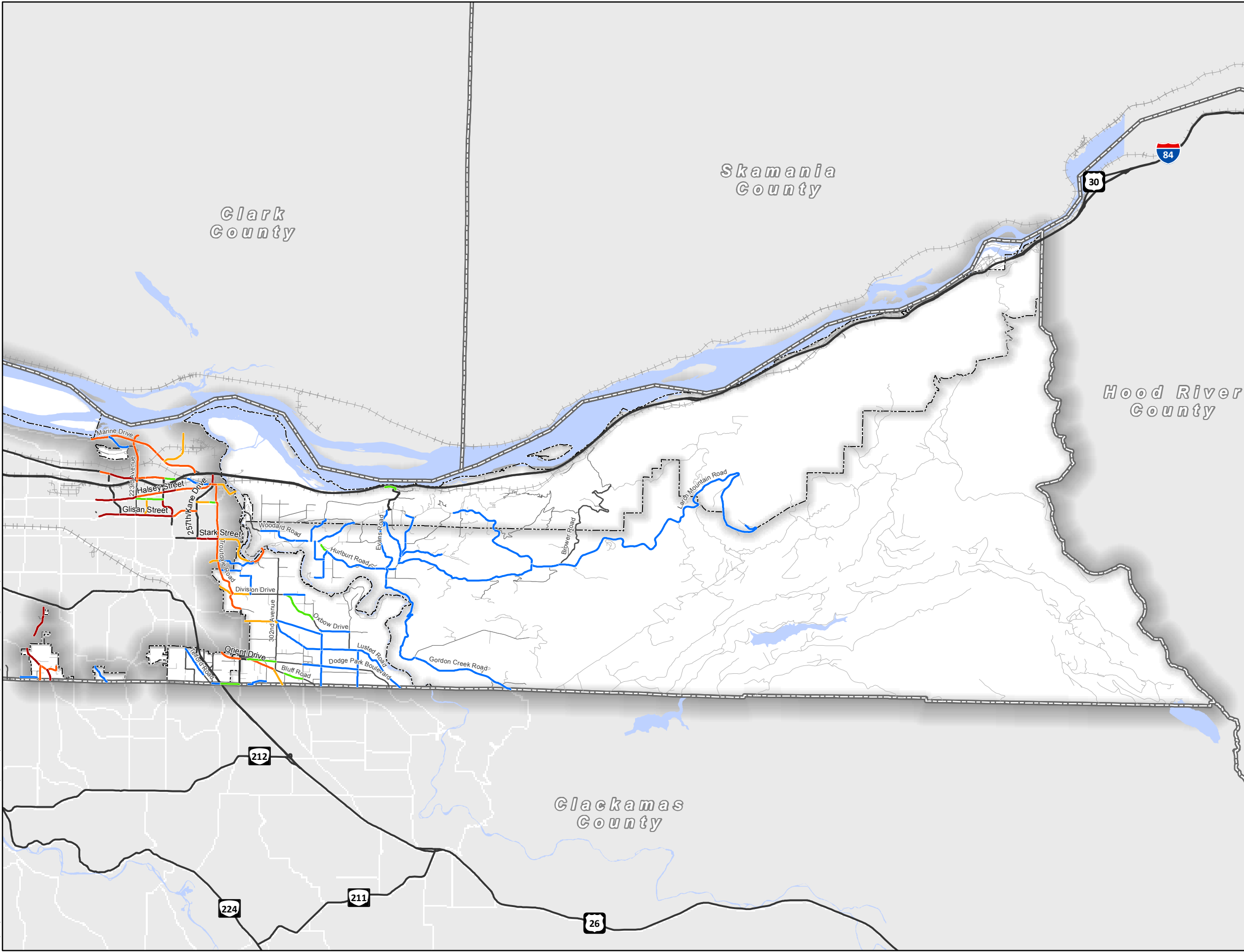


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Comprehensive Plan

Figure 11B

Average Daily Traffic

Average Daily Traffic (records from 2006 to 2014)

- <1,500
- 1,500 - 3,000
- 3,001 - 5,000
- 5,001 - 10,000
- >10,000

- Plan Areas
- County Boundaries



Prepared By: Kittelson & Associates, Inc. Date: 8/7/2015

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