APPENDIX B



Technical Memorandum 2:

Existing and Planned Conditions

RIVERFRONT MASTER PLAN

City of Newberg

Advisory Committee Meeting #2 July 23, 2018

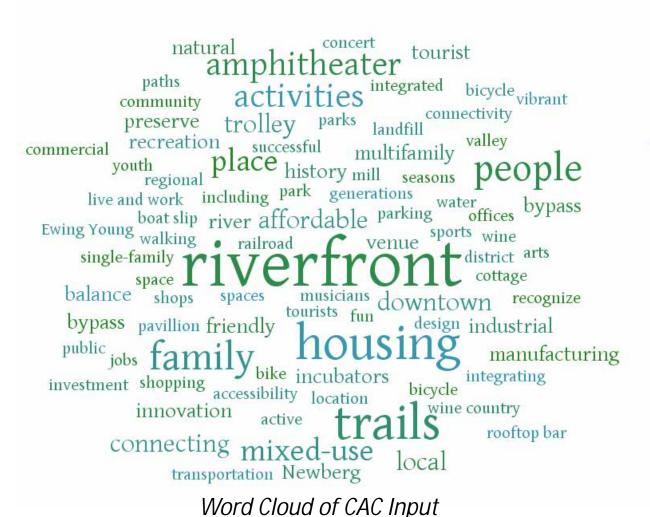
Agenda



- Project Vision and Goals
- Existing and Planned Conditions
 - Land Use
 - Transportation
 - Infrastructure
- Neighborhood Design
- Market Analysis
- Next Steps

Visioning Exercise





community college neighborhoods innovation unique industrial cultural diversity economic restaurants buildings pedestrian-scale mill bluff community
beople boat launch environmental
technology Willamette River campground location preserve
transition accessible grandparents weddings beer access breweries kids water trolley mit connected business housing regional affordable infrastructure waterfront active grassy areas connections manufacturing

Word Cloud of TAC Input

Vision Statement



Newberg's riverfront will be a lively, lush, and economically thriving destination that is frequented by Newberg residents and visitors alike.

As a local and regional destination, it will provide spaces for large events, as well as opportunities for families and individuals to gather, recreate, and relax. Safe and direct connections for walkers, bikers, and drivers will draw people to the riverfront from downtown and other areas of the city.

A mix of residences, public spaces, services, commerce, and industrial uses will tie together through great design, creating a unique, mixed use setting on the Willamette River.

Goals



- Provide a mix of land uses: public, residential, commercial/mixed use, and industrial.
- Plan for a multi-modal transportation network to provide access and connections to the rest of the city, especially Downtown Newberg.
- Preserve open space and incorporate natural features as part of the riverfront's strong sense of place.
- Honor the long history of waterfront industry at this location.
- Provide an open and transparent planning process.
- Engage a diverse group of stakeholders throughout the planning process.
- Create a plan that works for community members of all ages, abilities, and cultural backgrounds.



RIVERFRONT MASTER PLAN

City of Newberg

EXISTING AND PLANNED CONDITIONS

Land Uses / Regulations
Transportation
Infrastructure

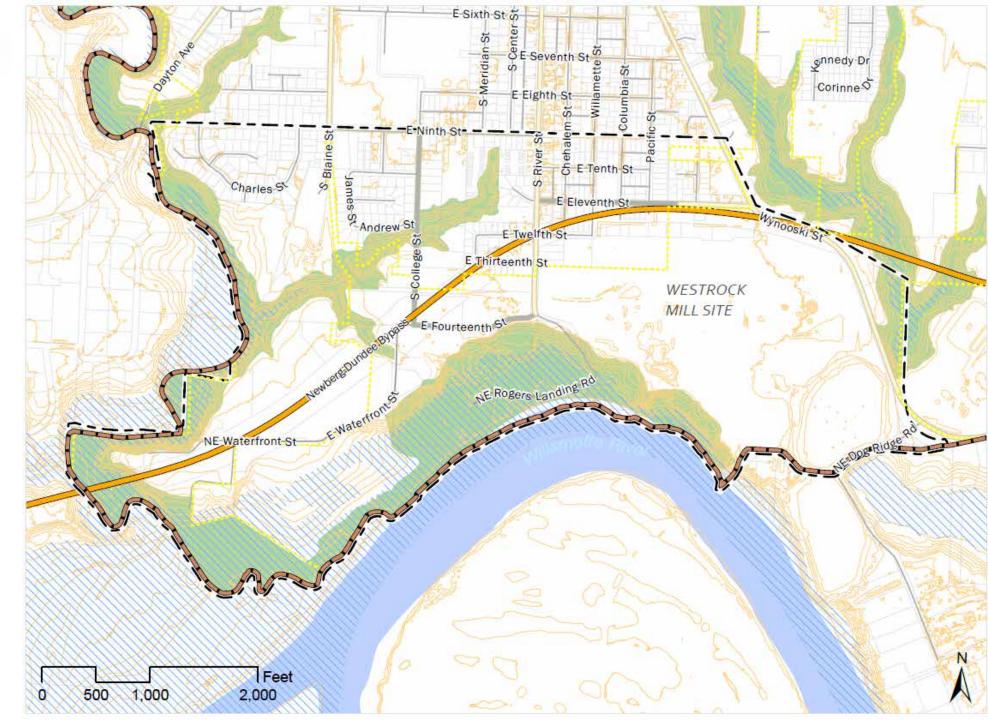
RIVERFRONT MASTER PLAN City of Newberg

Land Use and Regulatory Context



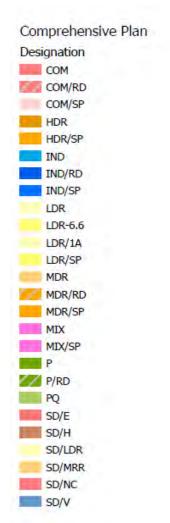
Physical Constraints

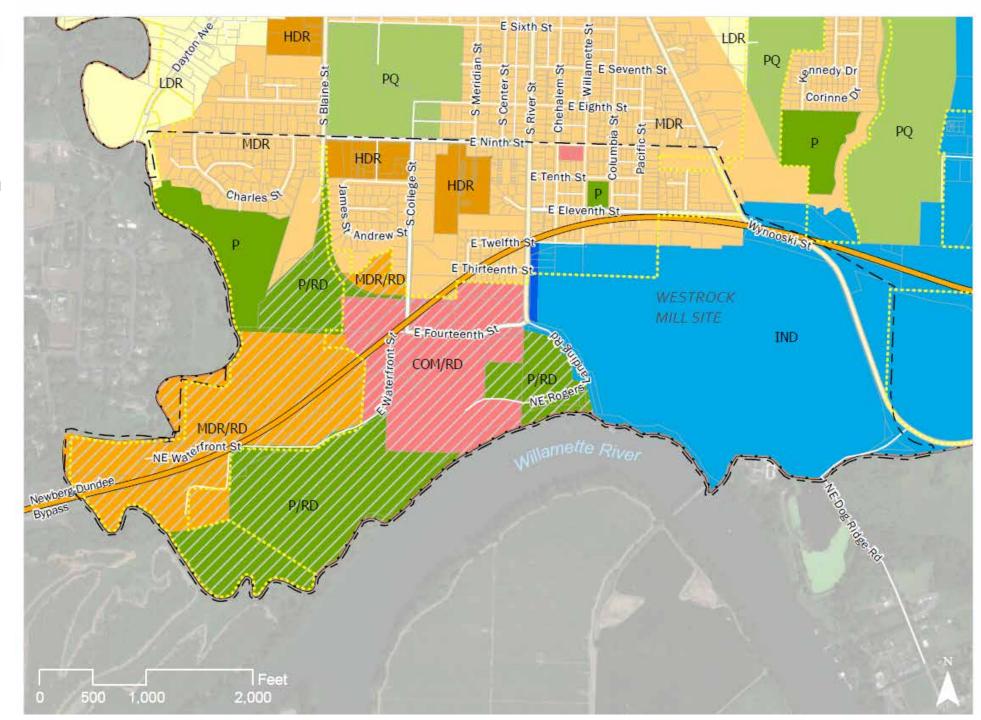
- N Flood Hazard Overlay
- Stream Corridor
 10' Contours





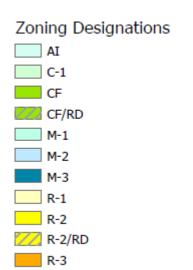
Existing Comprehensive Plan

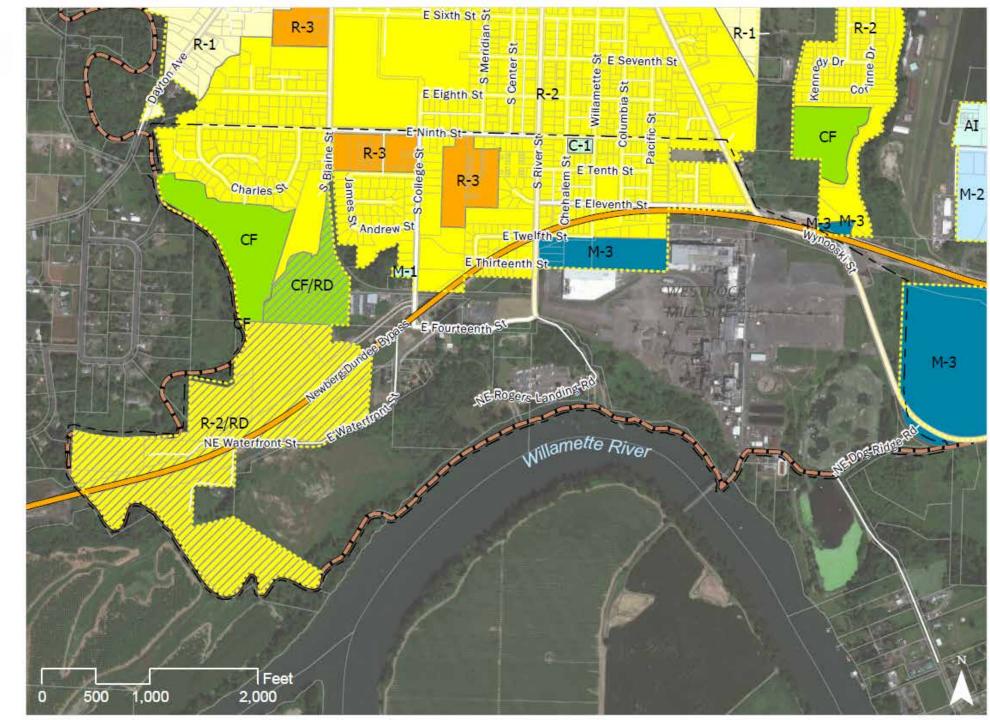






Existing Newberg Zoning





Willamette River Greenway (Goal 15)



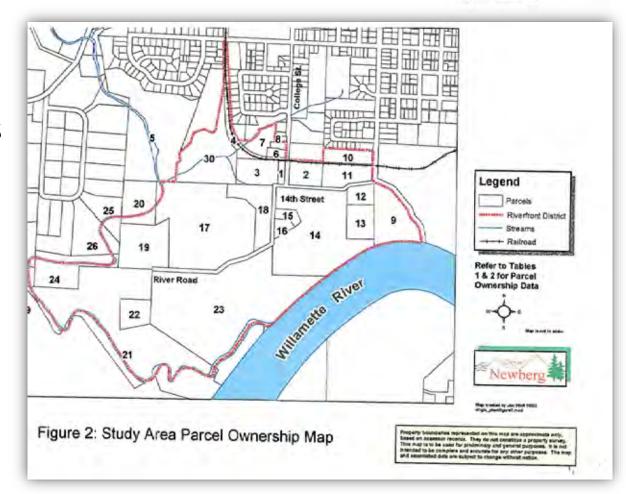
- Newberg Comprehensive Plan policies in G-5
 - Protection, conservation, enhancement, and maintenance of greenway
 - Some follow from State law, others from the 2001 riverfront plan
 - Encouragement of:
 - Recreational Activities
 - Open Space Preservation
 - Pedestrian and Water Access
 - Flood Hazard and Stream Corridor Protection
 - Commercial/Economic Uses
 - Screening of Extractive Processes & Reuse of Extraction sites

Riverfront (RF) Subdistrict



City of Newberg

- References the 2001 Riverfront Master Plan
- Protects view corridors and tree groves
- Provides buffers between industrial and other uses.
- Standards for commercial and residential design to support walkability
- Will be evaluated in the implementation phase of this process to see what are appropriate, given the new Master Plan concepts



RIVERFRONT MASTER PLAN

City of Newberg

Land Uses

Taxlots

Commercial

Park / Open Space

Industrial

Residential 2/3/4plex

Residential MultiFamily

Partially Vacant

Residential SFD and SFA

Vacant

Undevelopable

Transportation

Major Arterial

— Major Collector

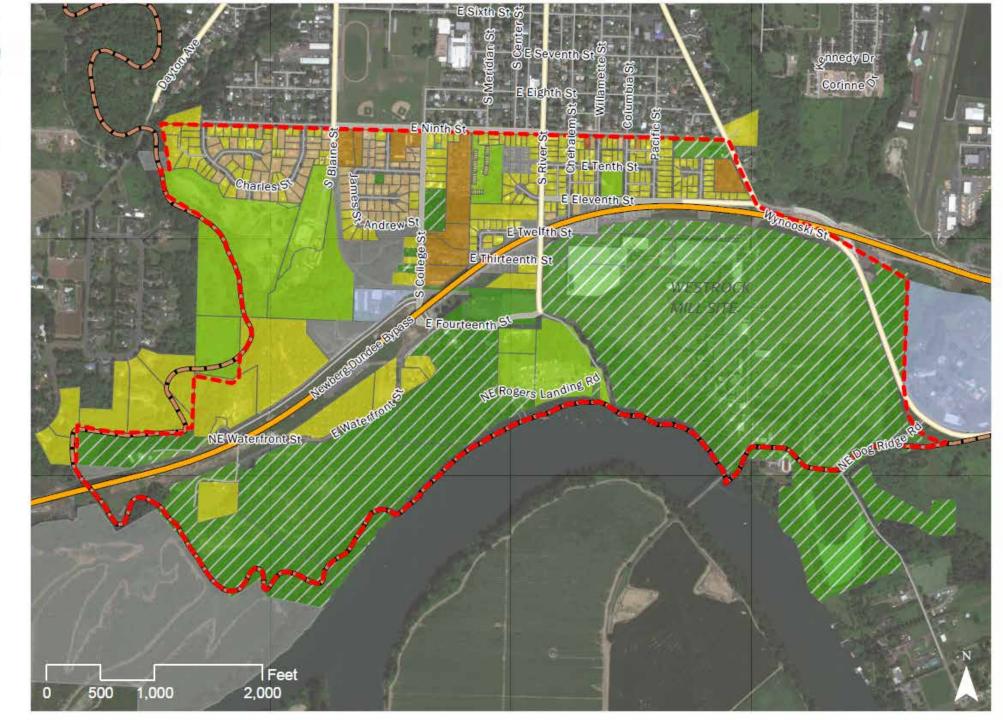
Minor Arterial

Minor Collector

---- Local Street

Urban Growth Boundary (UGB)

Study Area

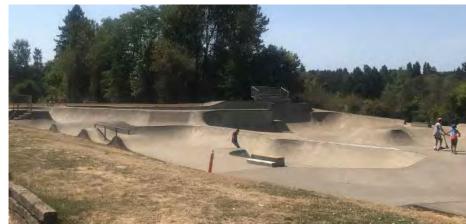


Existing Land Uses (Parcels)

- Commercial: 1
- Park / Open Space: 10
- Industrial: 1 (plus mill site)
- Residential Single Family: 258
- Residential 2/3/4 plex: 86
- Residential Multifamily: 9
- Vacant Parcels: 5
- Partially Vacant Parcels: 25









Proposed Development

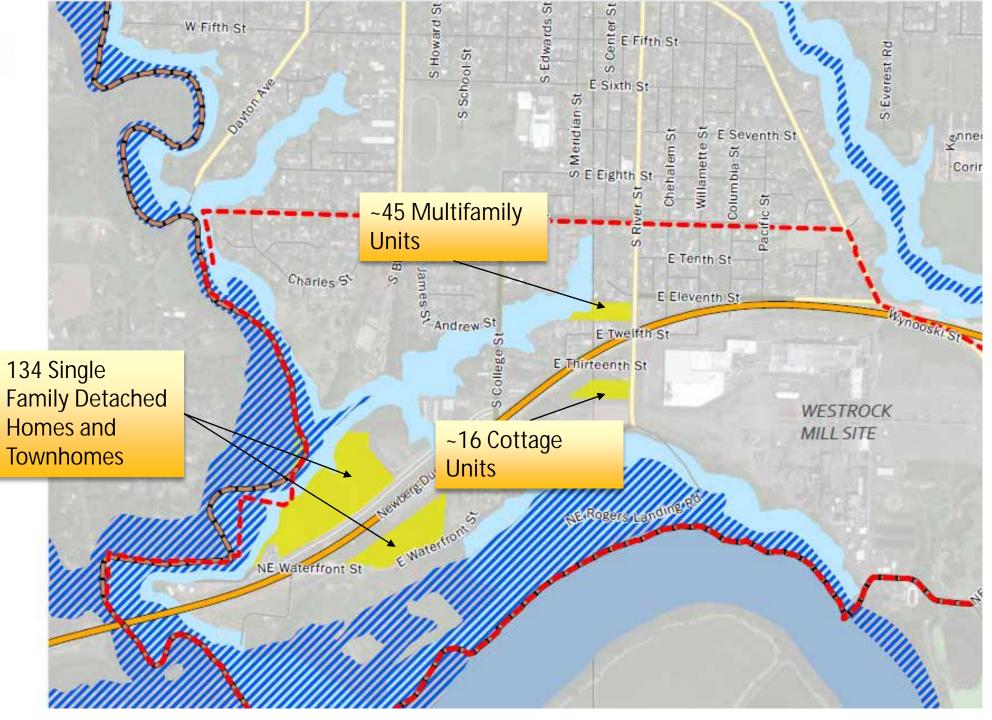
- Study Area
- Urban Growth Boundary (UGB)

Transportation Functional Class

- Major Arterial
- Major Collector
- Minor Arterial
- Minor Collector
- Local Street

Natural Resources

- Willamette River
- //// Floodplain
- Stream Corridor

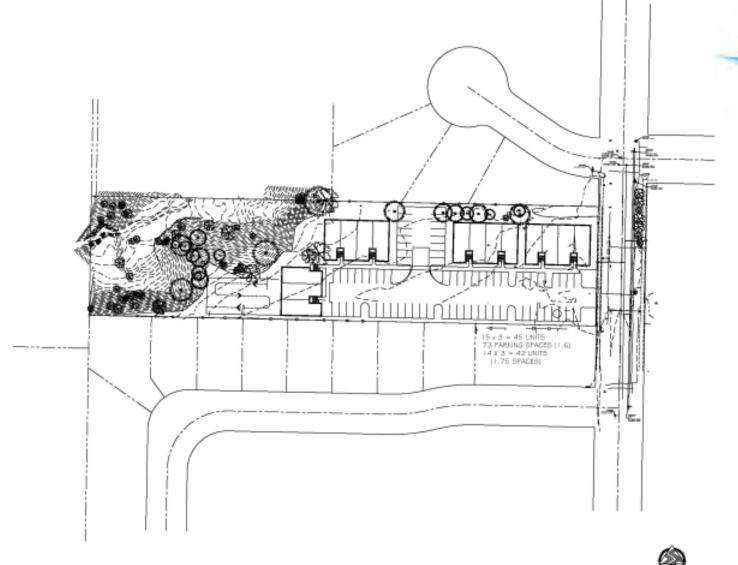


Proposed Riverrun Development Western Edge of Study Area



City of Newberg

Proposed S. River St. Development





City of Newberg

RIVERFRONT MASTER PLAN

City of Newberg

Vacant Area

Taxlots

Vacant

Partially Vacant

Proposed Residential

Developed or Undevelopable

Transportation

Major Arterial

Major Collector

Minor Arterial

Minor Collector

— Local Street

Urban Growth
Boundary (UGB)

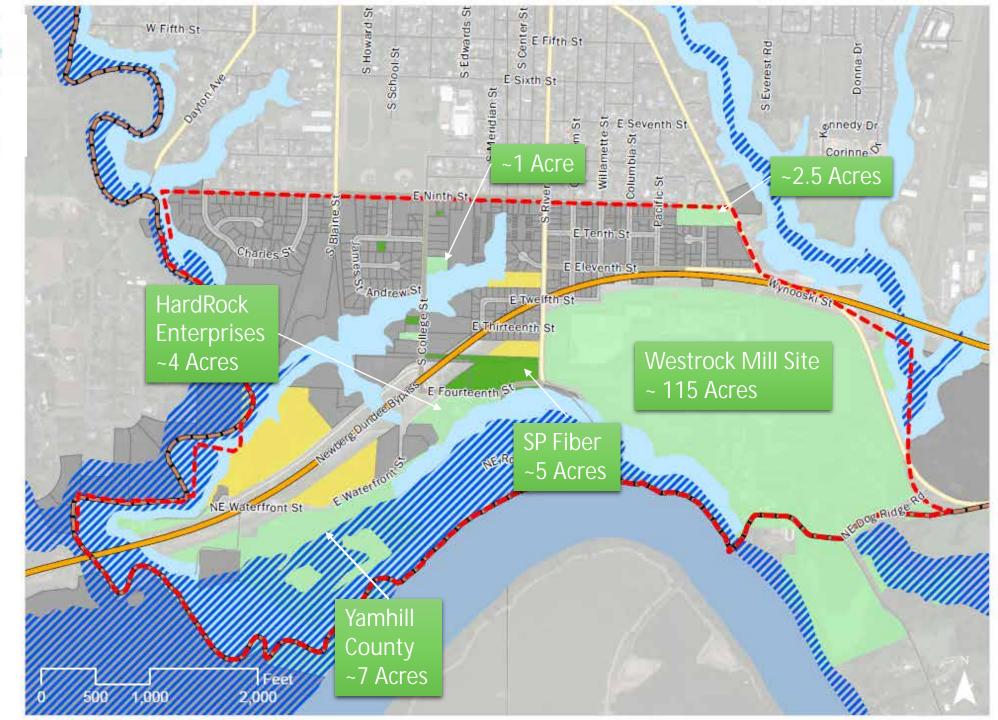
Study Area

Natural Resources

Willamette River

Stream Corridor

/// Floodplain



Residential Zones in the Study Area



Zone	Uses Permitted Outright	Uses Permitted Conditionally	Uses Not Permitted / Prohibited
All Residential Zones	 Single-family detached dwelling Two-family (duplex) dwelling Horticulture and home gardening Family child care home, day care, or small residential care home Religious institution or place of worship Schools and colleges Parks and open spaces (including golf courses) 	 Single-family attached dwelling Manufactured home on an individual lot Accessory dwelling Home Occupation Community services (i.e. nonprofit, community center) Vacation rental home or bed and breakfast 	 Mixed-use dwelling Caretaker dwelling Transit center Commercial offices, sales, services, or recreation Eating and drinking establishments Personal or commercial services Hotel, motel, or recreational vehicle park Industrial uses
D 1		a Multifornilly duralling	. Manufactured duralling or mabile home park
R-1		Multifamily dwelling	 Manufactured dwelling or mobile home park Manufactured home subdivision Dormitory Private club, lodge, or meeting hall
R-2	Multifamily dwelling	Manufactured dwelling or mobile home parkManufactured home subdivisionDormitory	Private club, lodge, or meeting hall
R-3	Multifamily dwellingDormitory	Manufactured dwelling or mobile home parkPrivate club, lodge, or meeting hall	Manufactured home subdivision

Industrial Zones in the Study Area



Zone	Uses Permitted Outright	Uses Permitted Conditionally	Uses Not Permitted / Prohibited
All Industrial Zones	 Caretaker dwelling Open spaces Transit centers or parking facilities Industrial uses, except waste-related 	Home occupationDay carePrison	 Most residential dwellings Most institutional and home care uses Schools or colleges Parks or golf courses Commercial offices Temporary merchants Retail food and beverage production Alcohol-related eating and drinking establishments Commercial lodging (except recreational vehicle park)
M-1	 Non-alcohol-related eating and drinking establishments Commercial vehicle service 	Mixed-use dwelling	Retail salesHeavy manufacturing
M-2	Religious institution or place of worshipCommercial vehicle service	Mixed-use dwellingRetail sales	Religious institution or place of worshipAll eating and drinking establishments
M-3		Waste-related industrial uses	 Mixed-use dwelling Religious institution or place of worship Retail sales All eating and drinking establishments

Other Zones in the Study Area



Zone	Uses Permitted Outright	Uses Permitted Conditionally	Uses Not Permitted / Prohibited
CF (Community Facilities)	 Parks and open spaces (including golf courses) Parking facility 	 Religious institution or place of worship Schools or colleges 	 Residential uses, except home occupation Institutional care or housing Commercial uses Eating and drinking establishments Industrial uses
C-1 (Commercial)	 Mixed-use dwelling College or commercial educational services Parks and open spaces Transit center or parking facility Commercial offices General or convenience retail Non-alcohol related eating and drinking establishments 	 Home occupation Vacation rental home or bed and breakfast 	 Residential uses, except mixed-use dwelling or home occupation Hospital Private club, lodge, or meeting hall Schools Golf course Bulk outdoor retail Alcohol-related eating and drinking establishments Commercial recreation Industrial uses



Transportation

Existing Transportation Network

North-South Connectivity

- Downtown Connections (S. Blaine St and S. River St)
- S. Blaine St, S. River St, S. Wynooski St cross Bypass

East-West Connectivity

- E. 9th St traverses entire study area
- E. 11th St and E. 14th St are partial connections
- NE Wynooski Rd provides connection to east

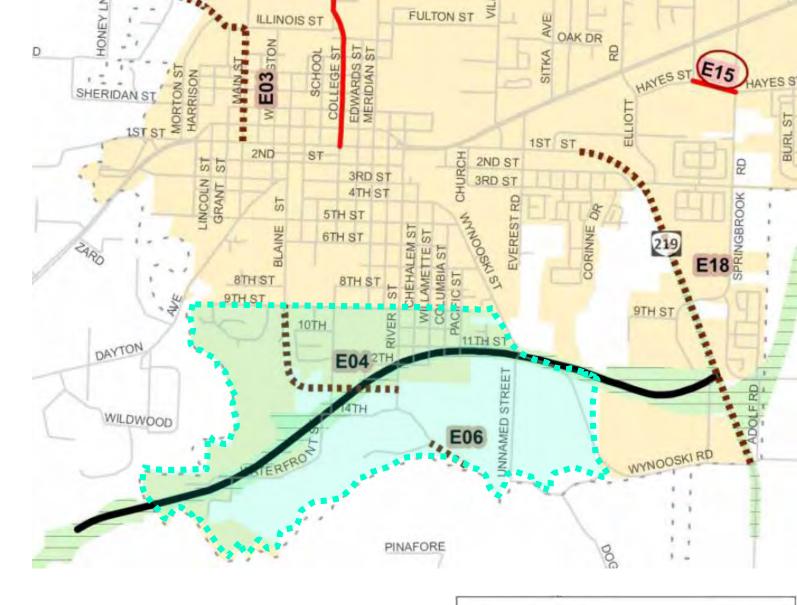


Roadway Expansion Projects

Aspirational

E04: S. Blaine St. Extension
Construct new street between 9th St and
River St to major collector standards.

E06: Rogers Landing Rd Extension Construct Rogers Landing Rd from Willamette River to UGB to major collector standards.





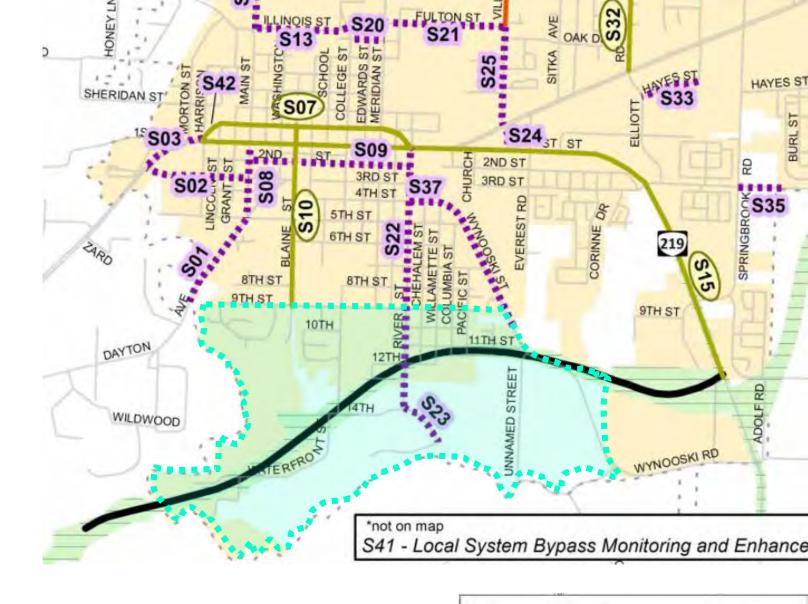
Roadway Standards Projects

Aspirational

<u>S22</u>: River St Collector Improvement Reconstruct to major collector street standards between 1st St and Rogers Landing Rd to include sidewalks and bicycle lanes on each side of River St.

S23: Rogers Landing Rd Collector Improvement Reconstruct Rogers Landing Rd to major collector street standards between River St and the Willamette River to include sidewalks and bicycle lanes on each side of the street

S37: Wynooski Str Colletor Improvement Reconstruct Wynooski Street to Major collector street standards between River Street and Bypass to include sidewalks and bicycle lanes on each side of Wynooski Street.





Walking Projects

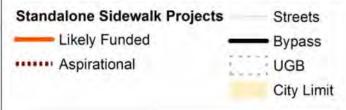
Likely Funded
P08: 9th St Sidewalks
From Blaine St to River St

P09: 14th St Sidewalks
From College St to River St

P12: 11th St Sidewalks From River St to Wynooski St

P13: College St Sidewalks From 9th St to 14th St





Biking Projects

Aspirational

B20: Hess Creek Path

New pedestrian/Bicycle pathway along Hess Creek can serve recreational and school bicyclist and pedestrians

B101: Trail

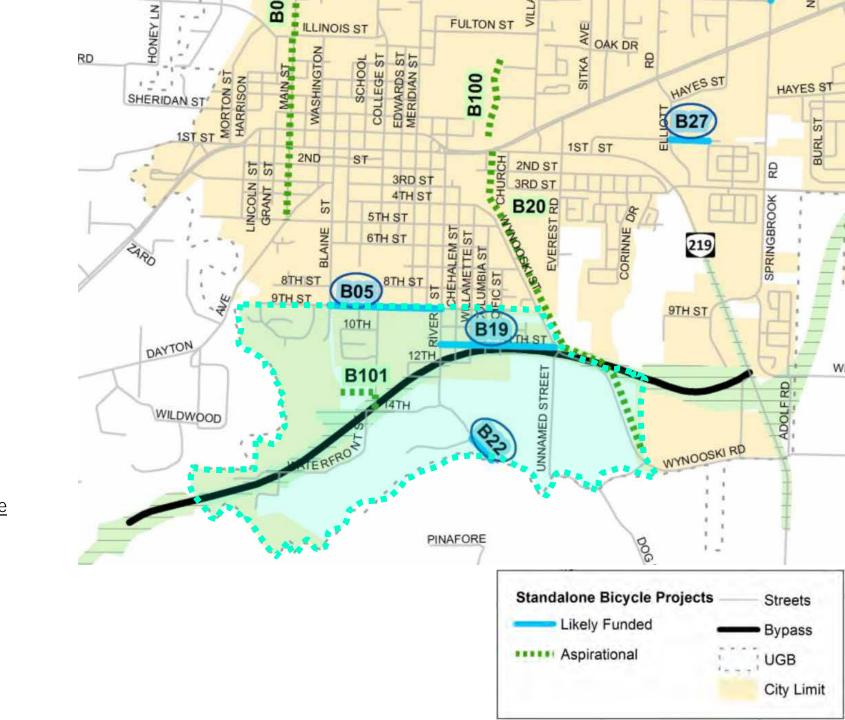
Add connection from Ewing Young Park to 14th St

Likely Funded

B05: 9th St Bike Boulevard From Blaine St to River St

B19: 11th St Bike Boulevard East of River St

B22: New Willamette River Pedestrian-Bicycle Bridge Extend from Rogers Landing Drive across to Champoeg Park. This new connection would link the Newberg bicycle-pedestrian system with that of Champoeg Park and Marion County



Bypass Projects

Funded Segment Project

BY6: Phase 1 Bypass Crossing

BY8: Newberg-Dundee Bypass Bike Path

BY14: 14th St Realignment

BY18: College St Realignment

BY19: Frontage Road

BY20: Waterfront Rd Extension



Walking and Biking Opportunities







Roger's Landing County Park

Leavitt Park

Ewing Young Park

Several locations in/near the study area provide opportunities to attract multimodal activity. In addition to the three parks shown, Edwards Elementary School (located just north of study area), Downtown Newberg (north of study area), and Renne Park (at Edwards Elementary) have the opportunity to attract multimodal activity.

Observed Walking/Biking Activity



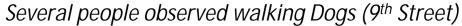
Few recreational users/walkers without dogs

(9th and Blaine)





Minimal Joggers (14th Street)





Motor Vehicle Conditions and Needs



Poor roadway conditions along majority of routes: Cracks + Potholes (above)

Primary vehicle routes: E 9th Street, S River Street, S Wynooski Street.

Parking allowed on most streets except for portions of S Wynooski St. Many vehicles parked on E 9th Street as pictured (right)





Intersections primarily two-way stop control with exception of uncontrolled intersection at E 9th and S Columbia (left)

Pedestrian Conditions and Needs



Commonly observed narrow and often disjointed sidewalks with general landscape strip. Photo above shows connection between new and old sidewalk and width difference. In general, streets have incomplete and scattered sidewalk system. Pedestrians must cross street to continue on sidewalk from east side to west side of S College Street (right).

No continuous pedestrian connection from downtown to the steep stairs that provide river access.





Ramp existence and design varies. In some cases, sidewalks with elevation difference had no existing ramps (right).



Bicycle Conditions and Needs







No striped bicycle lanes exist in the study area. However, streets are observed to have generally low traffic volume and speed. Sharrows (upper left) and wayfinding signs (left) are located on some facilities.

No sidewalks or bicycle facility on E 14th Street (right) which is the only connection between S River Street and E College Street, to Roger's Landing County Park Riverfront



Bypass Conditions and Needs



Cyclist on trail north of Bypass



Mixed-use trail passing under Bypass



College Street passing under Bypass



Three crossing points exist along the bypass: S College Street, S River Street, and the S Wynooski overcrossing.

Yellow path (left) marks the mixed-use trail built with the construction of the Bypass. A gap exists along E 14th Street.

Shaded green area (left) shows area where Bypass is above grade and where future connections could be feasible.

Summary of Transportation Conditions and Needs



- Roads are not modernized and have cracking and potholes. This condition impacts both motor vehicles and other users (bicycles and other wheeled devices) that do not have separate facilities.
- Sidewalk system is disjointed (gaps, width, condition) and limits pedestrian use within study area
- Trail gap on E 14th Street between existing segments of bypass trail
- No continuous pedestrian connection from downtown to the river.
- Steep stairs that provide river access limit accessibility.
- Bike access to Rogers Landing is limited to shared use of the travel lane with motor vehicles down the steep, windy slope with limited shoulders.
- General visual observations appear to indicate that ADA accessibility in the project area is poor due to lack of lack of sidewalks, narrow sidewalks, lack of ramps, incomplete ramps, or ramps built prior to existing standards. However, no specific measurements were conducted to assess ADA compliance.

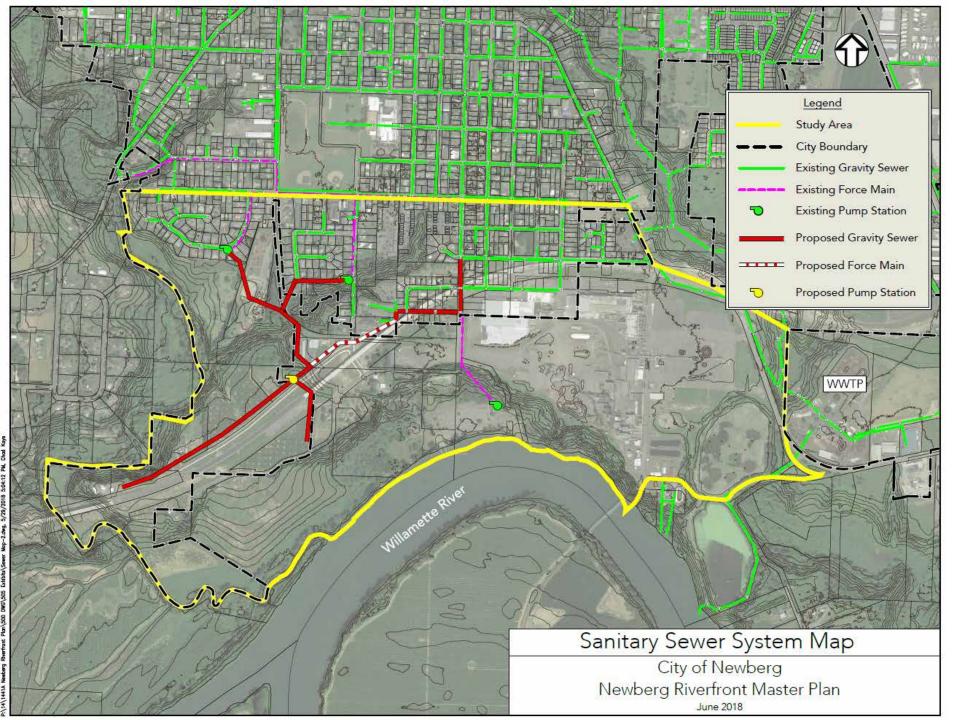


Infrastructure

Existing and Planned Public Utility Infrastructure



- Existing utilities within the planning area include:
 - Sanitary sewer
 - Storm sewer
 - Potable water
 - Private utilities: electricity, natural gas, and telecommunications
- Planned improvements to utility infrastructure within current planning documents are limited



RIVERFRONT MASTER PLAN

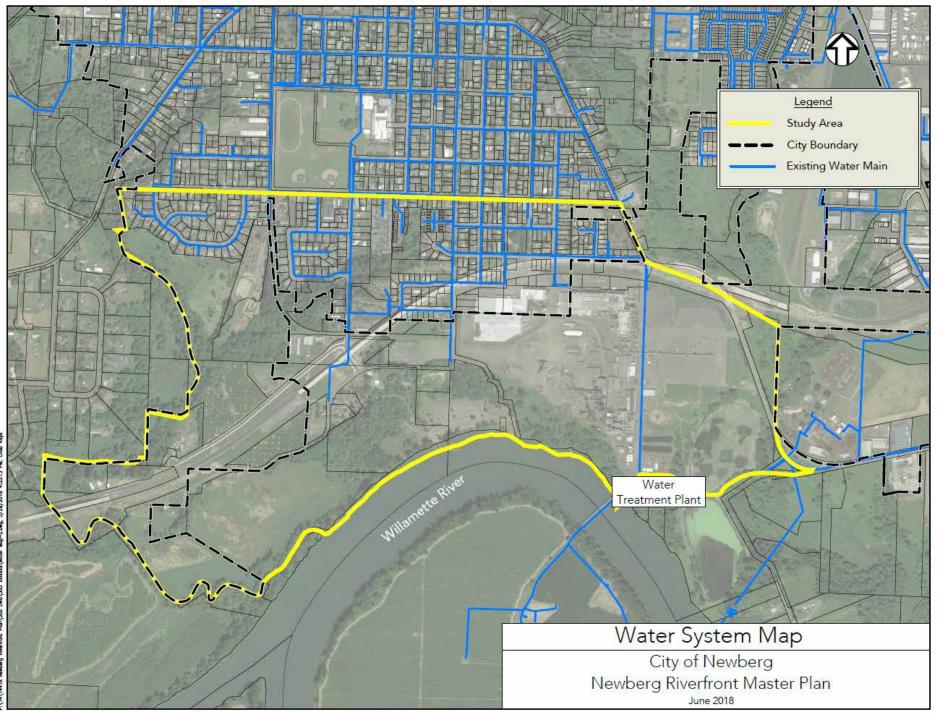
City of Newberg

Existing Sanitary Sewer Infrastructure

- The Newberg wastewater treatment plant is located just east of the study area
- The northern portion of the study area is served by an existing system of gravity sewers
- Rogers Landing is served by a pump station which discharges into the gravity sewer system to the north
- The former WestRock mill site is served by a gravity sewer connection at the northwest corner of the site

Planned Sanitary Sewer Infrastructure

 New gravity sewers and pump station are proposed in the 2018 Sanitary Sewer Master Plan to serve the western portion of the study area



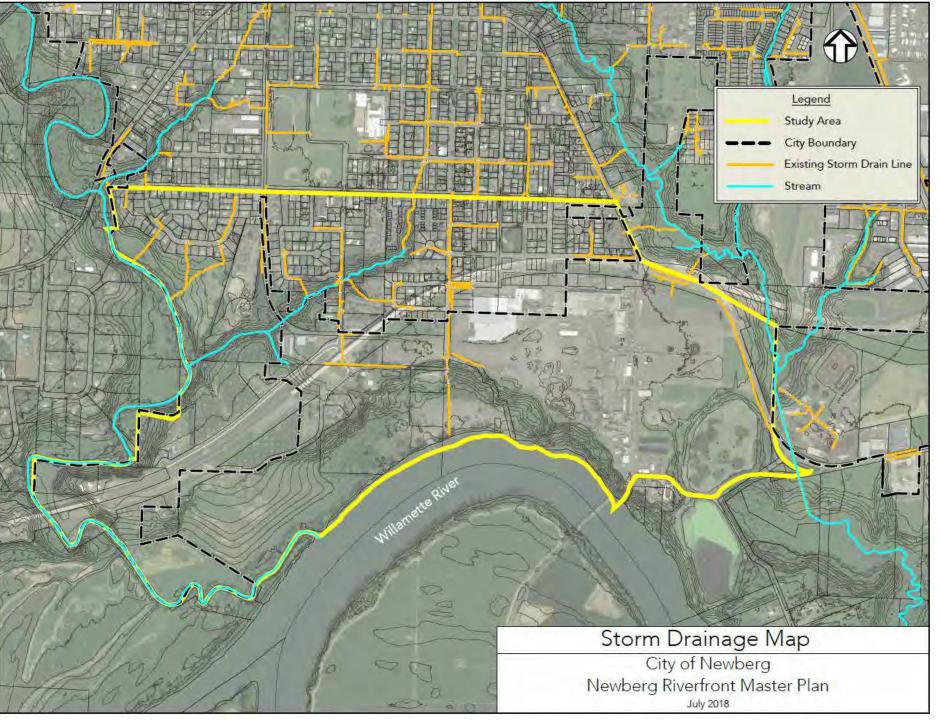


Existing Water Infrastructure

- The Newberg water treatment plant is located on the southeast corner of the study area
- The northern portion of the study area is served by an existing water main network

Planned Water Infrastructure

 No water main extensions proposed for study area in 2017 Water Master Plan





Existing Drainage System and Stormwater Infrastructure

- Study area is drained by a system of natural drainages, open channels, and storm drain lines
- Study area drains in three directions: west to Chehalem Creek, south to the Willamette River, and east to Hess Creek
- Southern portion of site lies within the 100-year flood plain of the Willamette River and Chehalem Creek.

Planned Stormwater Infrastructure

 No stormwater improvements proposed for study area in 2014 Stormwater Master Plan





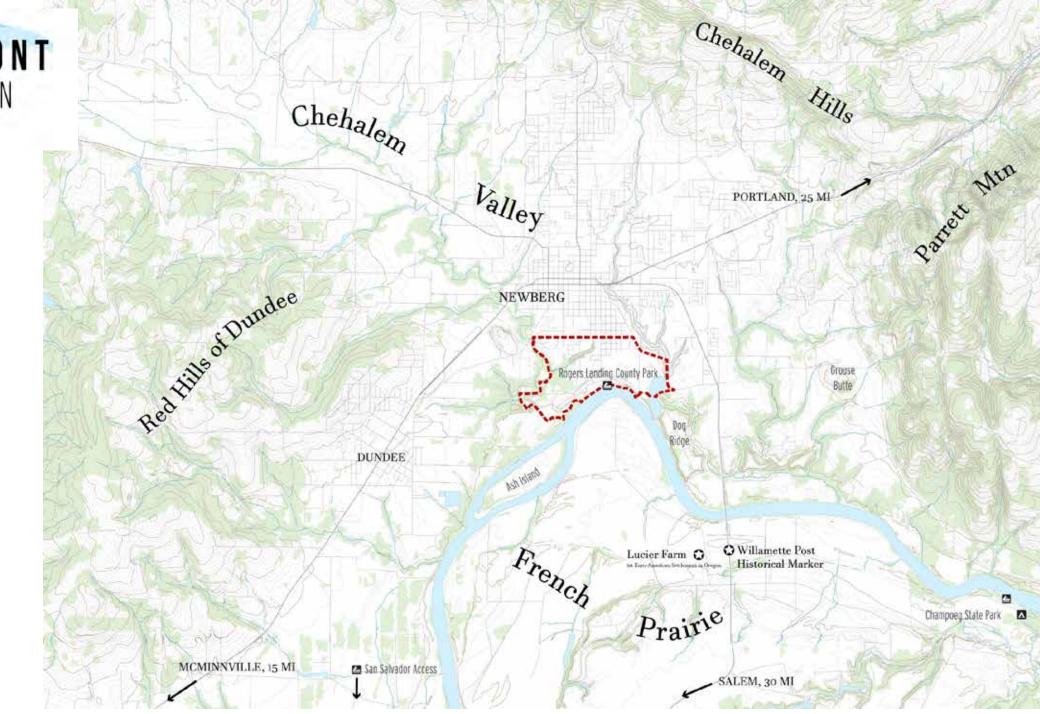
- Private utilities available within the City of Newberg (extent within project area relatively unknown)
 - Electricity Portland General Electric
 - Natural Gas Northwest Natural
 - Telecommunications Comcast and Frontier



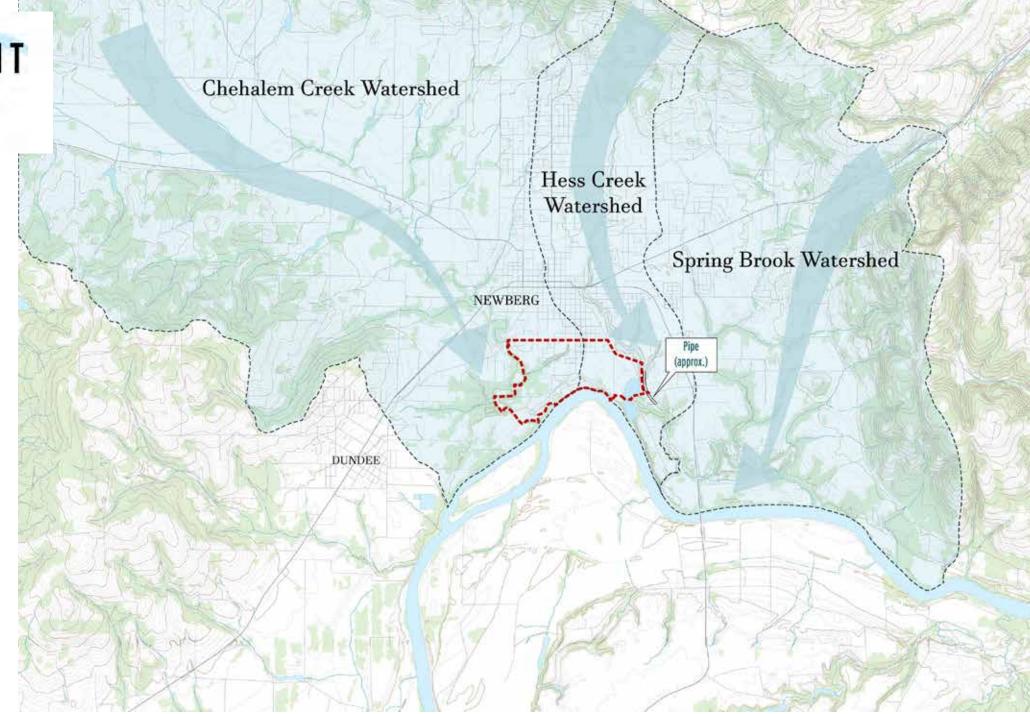
Walkable Neighborhoods and Districts

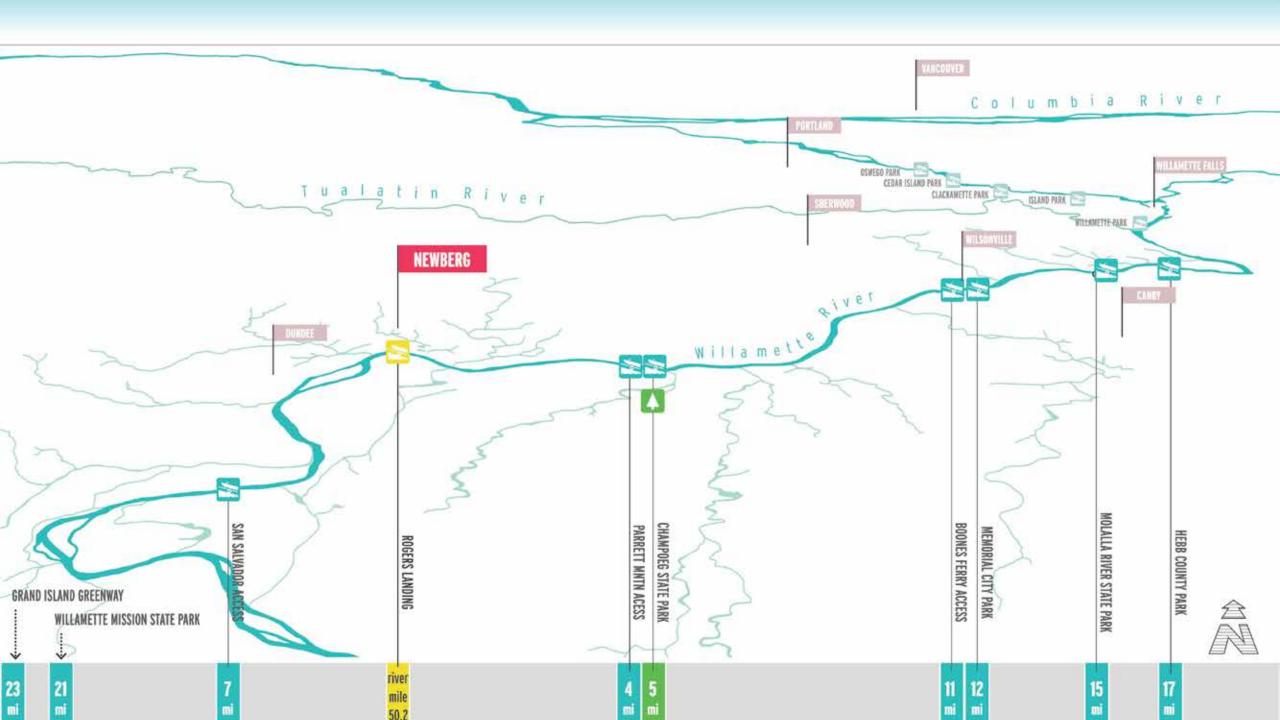
RIVERFRONT MASTER PLAN

City of Newberg



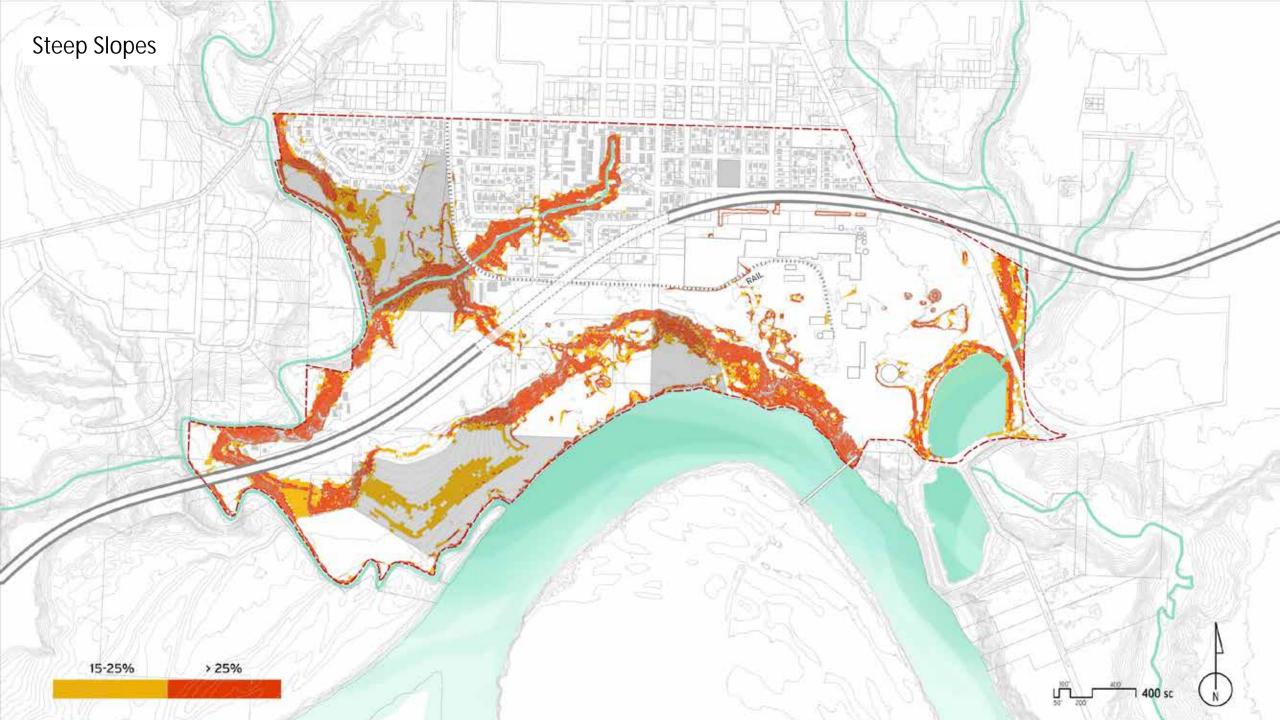




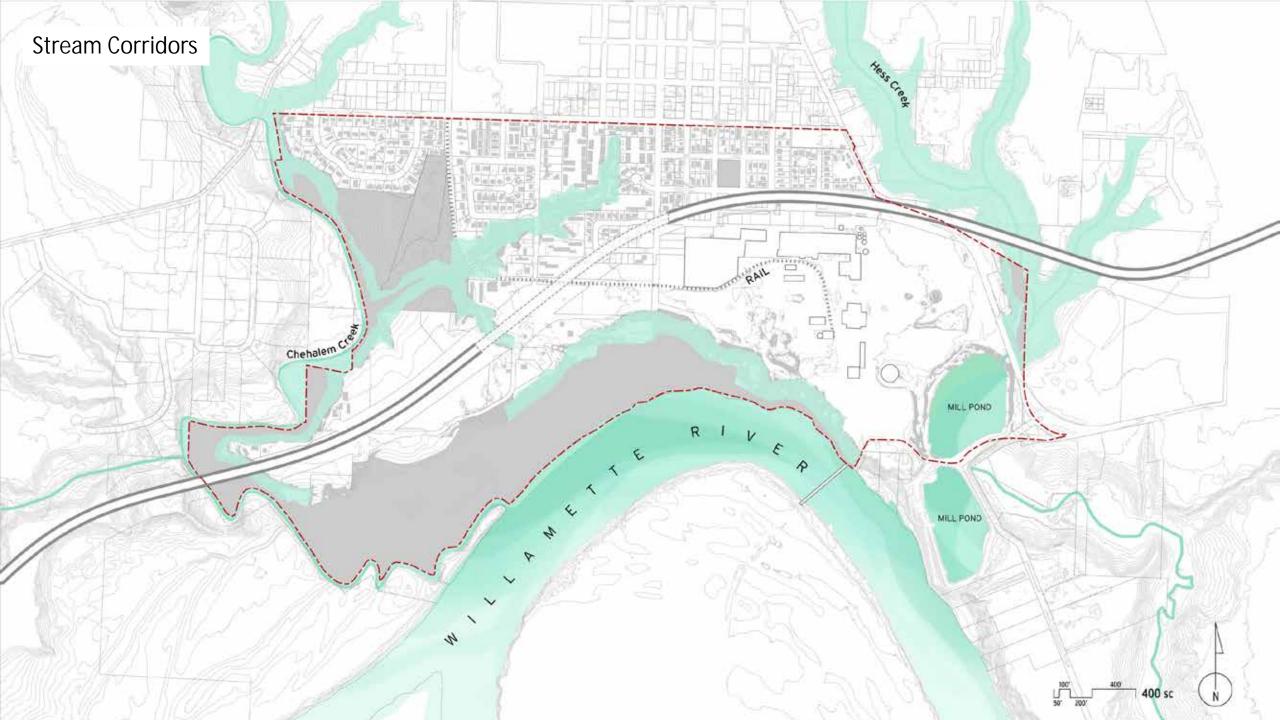




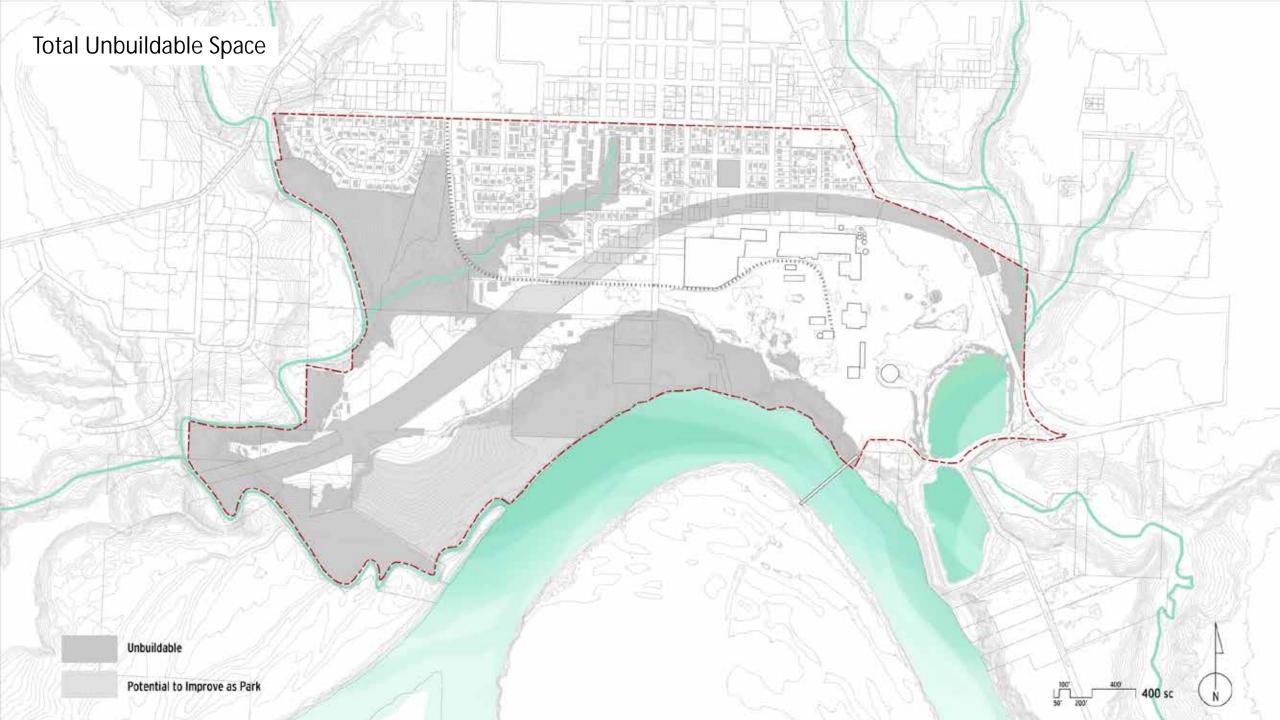






















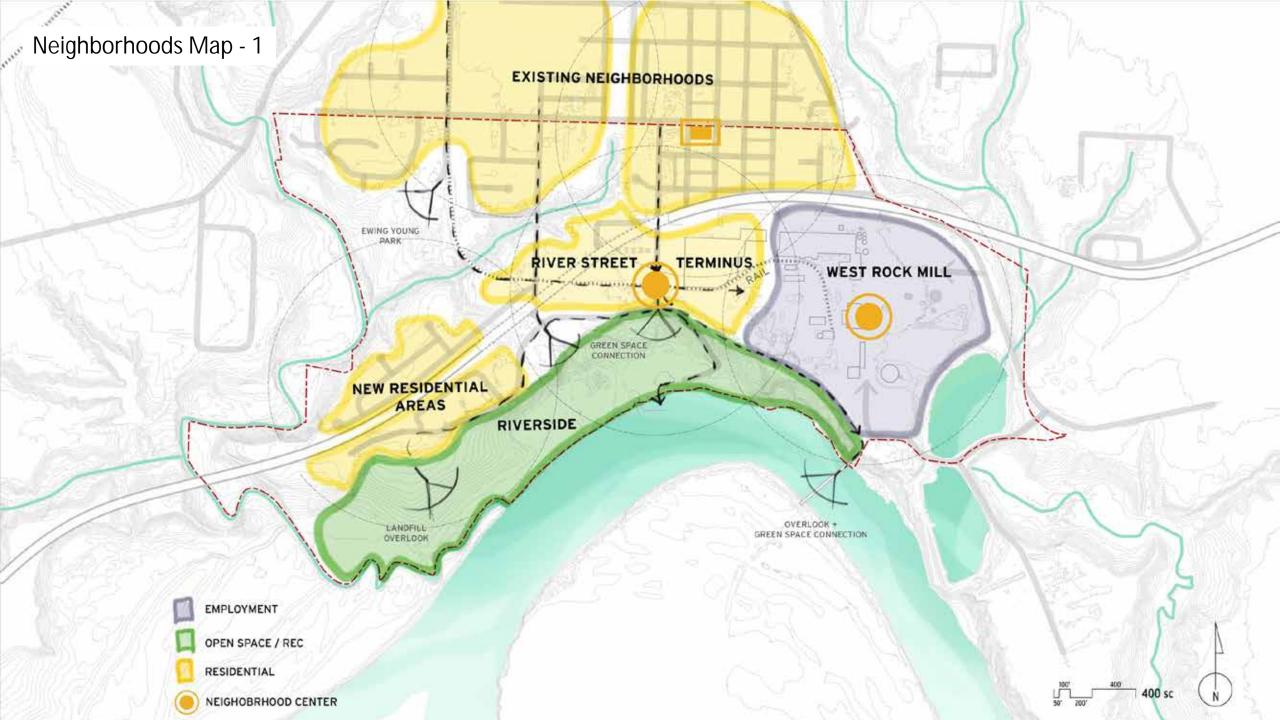












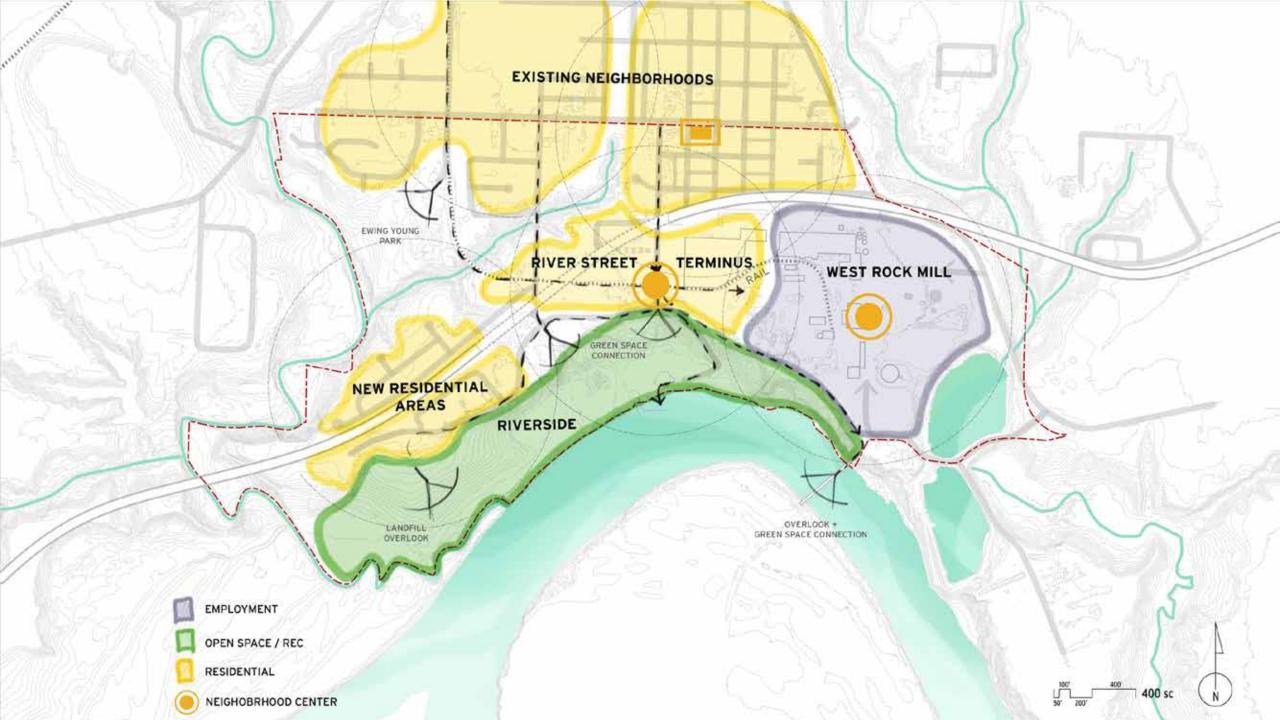






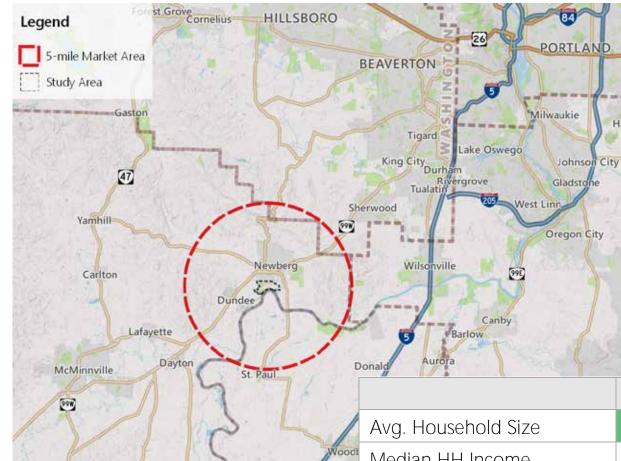


Market Analysis



The Market Area

Amity



Gervais

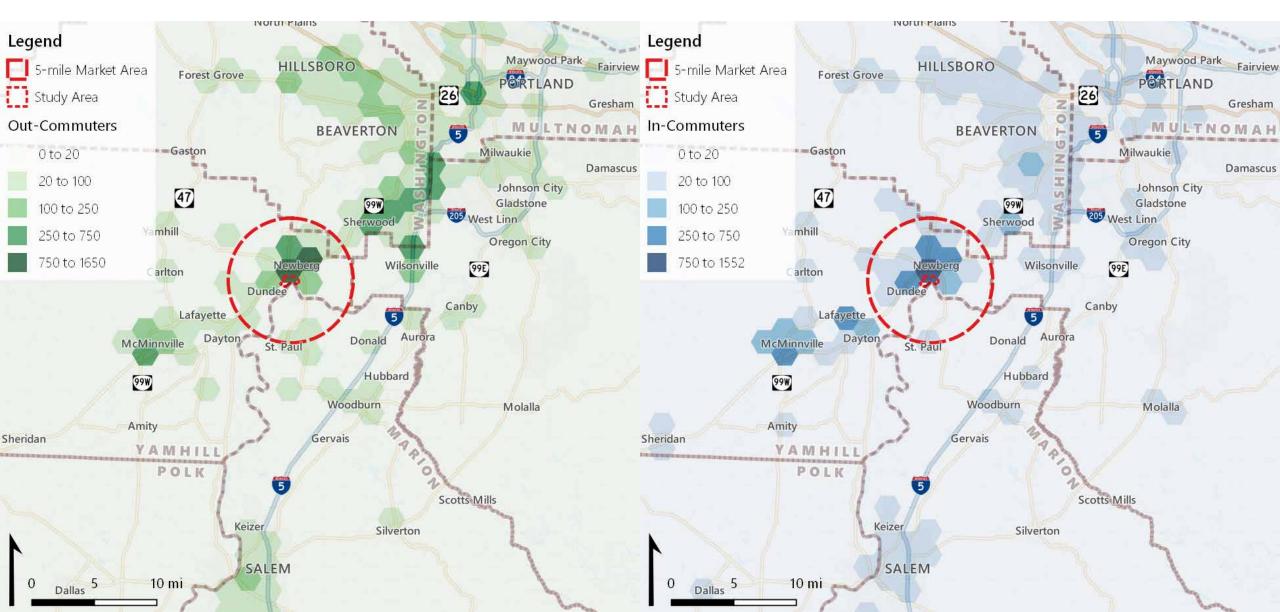


Demographic Summary

100		Study Area	Newberg	Market Area	Yamhill Co.
1	Avg. Household Size	2.74	2.68	2.71	2.72
oodl	Median HH Income	\$46,251	\$60,383	\$66,939	\$58,446
	Per Capita Income	\$19,457	\$26,136	\$29,676	\$27,372
2	Median Age	31.7	34.3	37.5	37.9
	Non-white Pop	22%	14%	12%	15%
	Bachelor's +	26%	31%	31%	25%

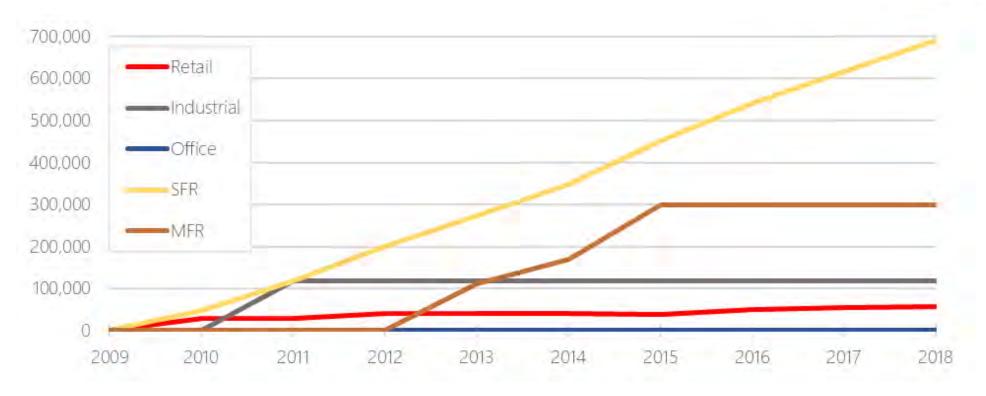
Where Market Area Residents Commute To

Where Market Area Residents Commute From



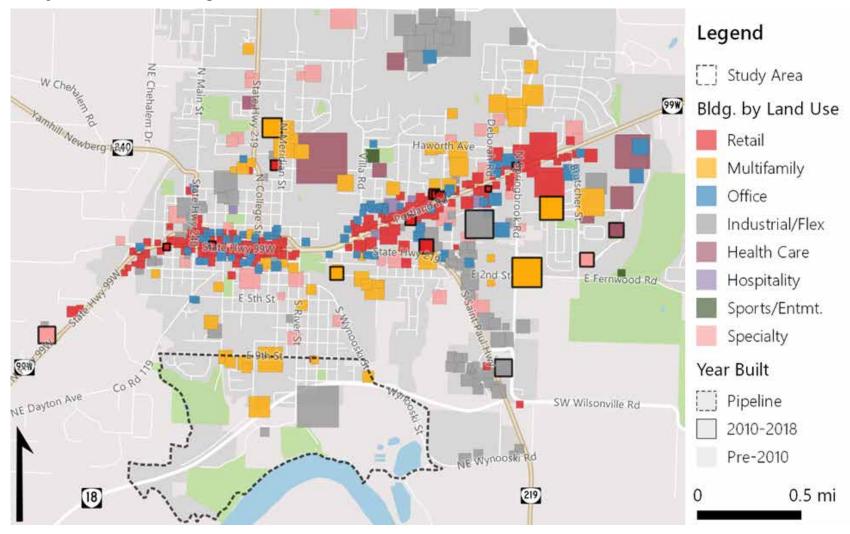
Net New Development (SF) Newberg, 2009-2018 YTD





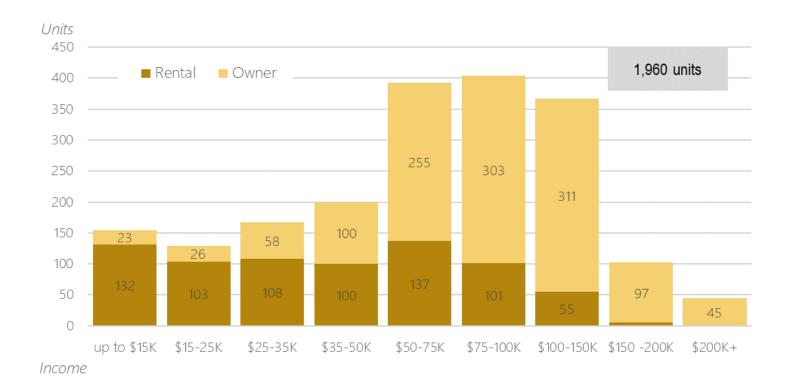
Development by Land Use and Year Built

City of Newberg





Market Area Demand, 10 Years





Recent Multifamily Development



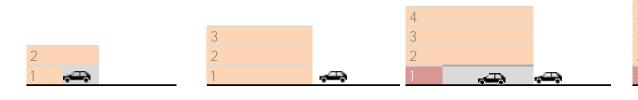


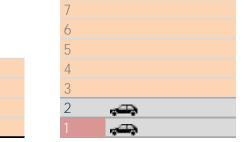




Housing Prototypes

Name Townhomes Garden Apartments Urban Garden Apts. Wrap Mid-Rise / Podium



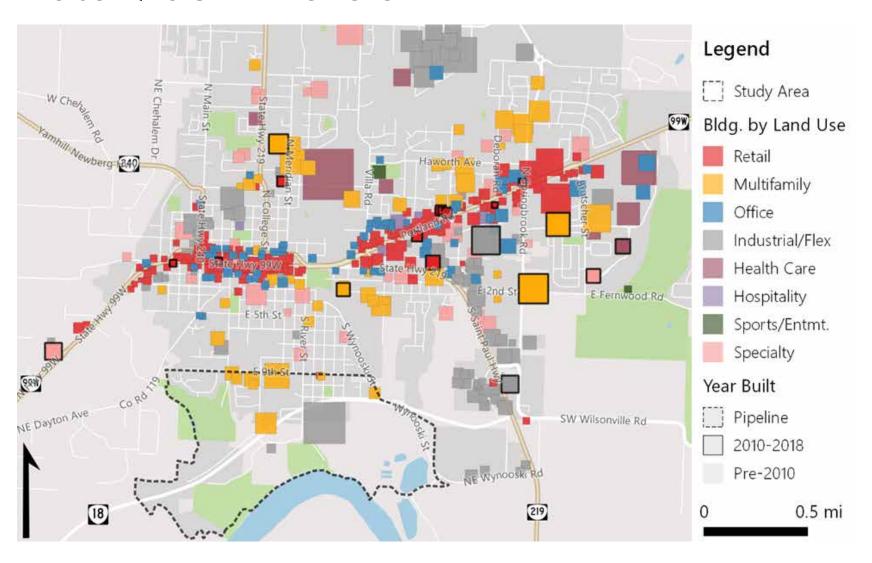


Parking Structure Surface / tuck under Wood frame Surface Wood frame Surface / tuck under
Wood over concrete

Structure
Wood with concrete

Structure
Wood over concrete

Retail/Commercial





Riverfront:

- Limited accessibility, visibility, drive through traffic
- "180 degree market"
- Small nearby population today
- Difficult "convenience retail" location
- Destination retail is possible

Retail

Declining



- Commodity retail
- Food: Casual dining, weaker fast food chains
- Mid-priced apparel and shoes; children's
- Dollar Stores
- Pet supplies
- Electronics
- Office Supplies
- Bookstores
- Toy Stores
- Video stores
- Bank Branches

Growing

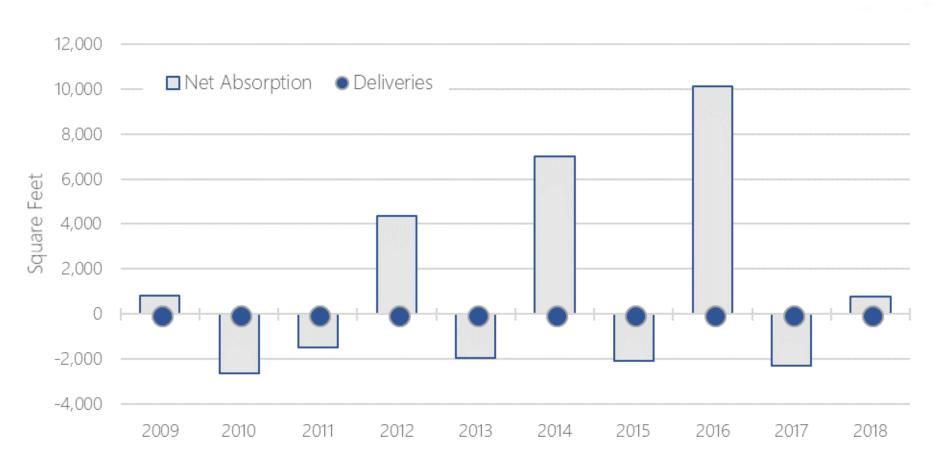


- Retail that offers a special experience
- Food!
- "Fast Casual," i.e. Little Big Burger
- Food Halls, artisanal markets
- Trucks to Bricks
- Grocery: Ranging from discount, to organic, to small format, and ethnic
- Medical users, incl. ZoomCare
- Apparel: Fast fashion, off-price, active sportswear
- Sporting clubs
- Fitness/Health Clubs
- Marijuana dispensaries
- Auto repair
- Convenience stores
- Car dealerships
- · Home improvement and home furnishings

RIVERFRONT MASTER PLAN City of Newberg

Office Net Absorption and Deliveries (SF) Market Area, 2009-2018

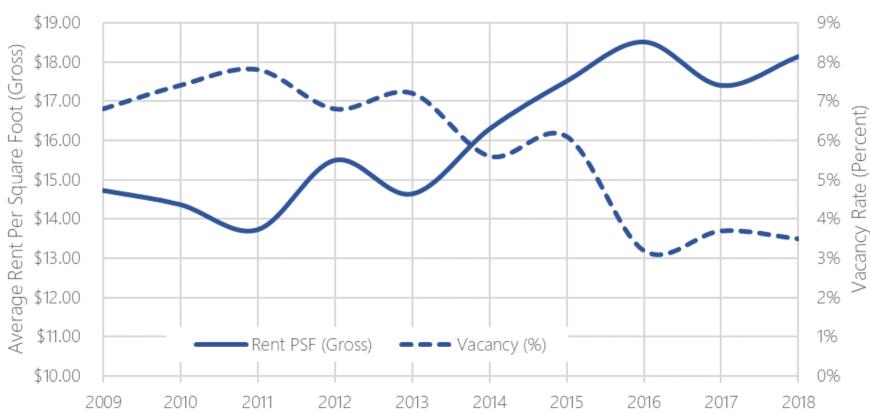




Market Area Office Rent and Vacancy

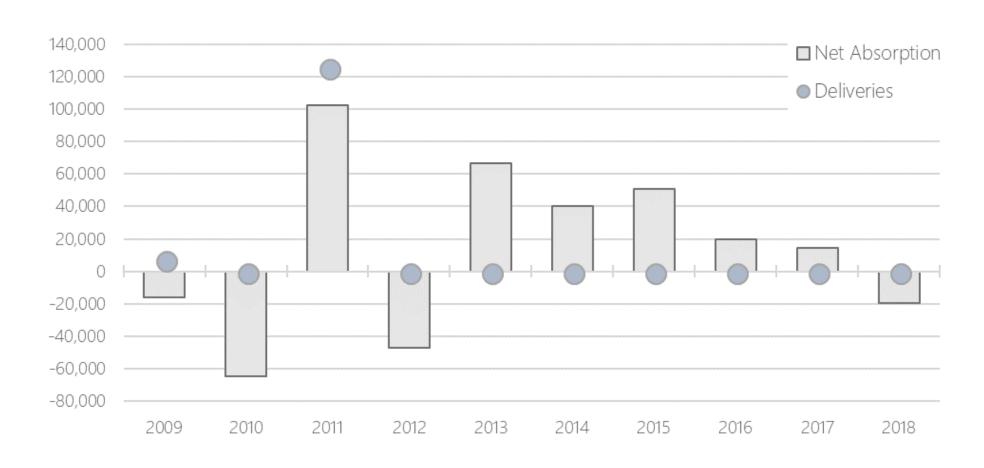
RIVERFRONT MASTER PLAN

City of Newberg



Industrial Absorption and Deliveries (SF) Market Area, 2009-2018





Industrial Development

RIVERFRONT

2800 Hayes St Newberg, OR 97132 - Yamhill County Submarket

Tenancy

Year Built:

RBA:

Floors:

LAND

Land Area:

Typical Floor:

Construction:

Single

126,069 SF

71,630 SF

5.67 AC

Reinforced Concrete

2011

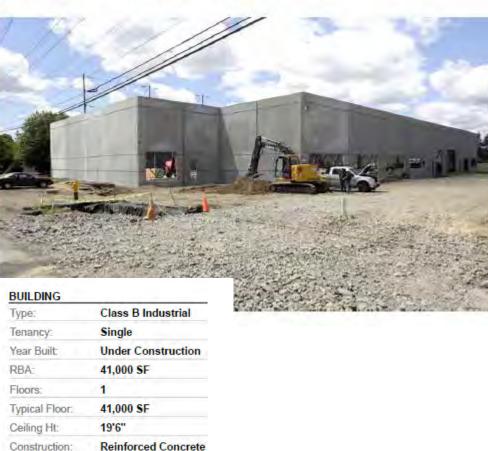


1001 Wilsonville Rd Newberg, OR 97132 - Yamhill County Submarket

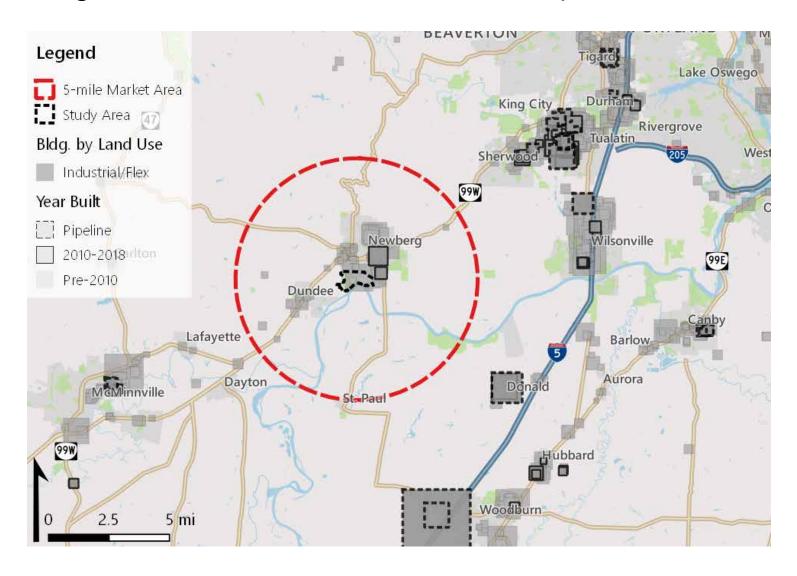
LAND

Land Area:

2.04 AC



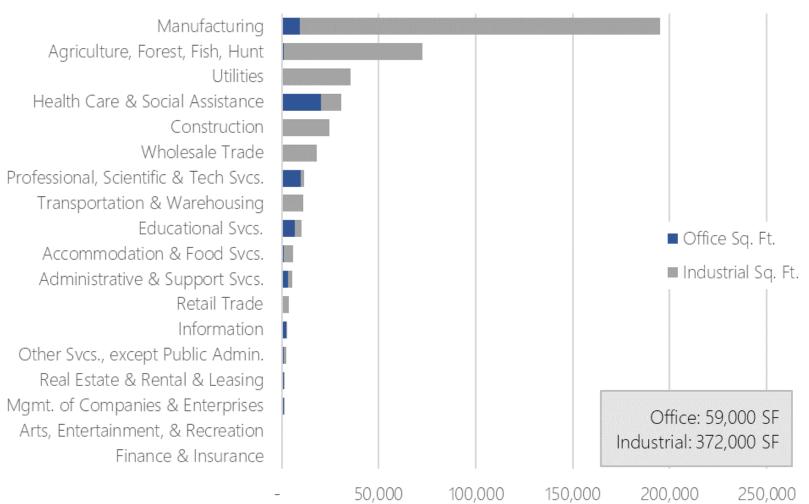
Regional Industrial/Flex Development





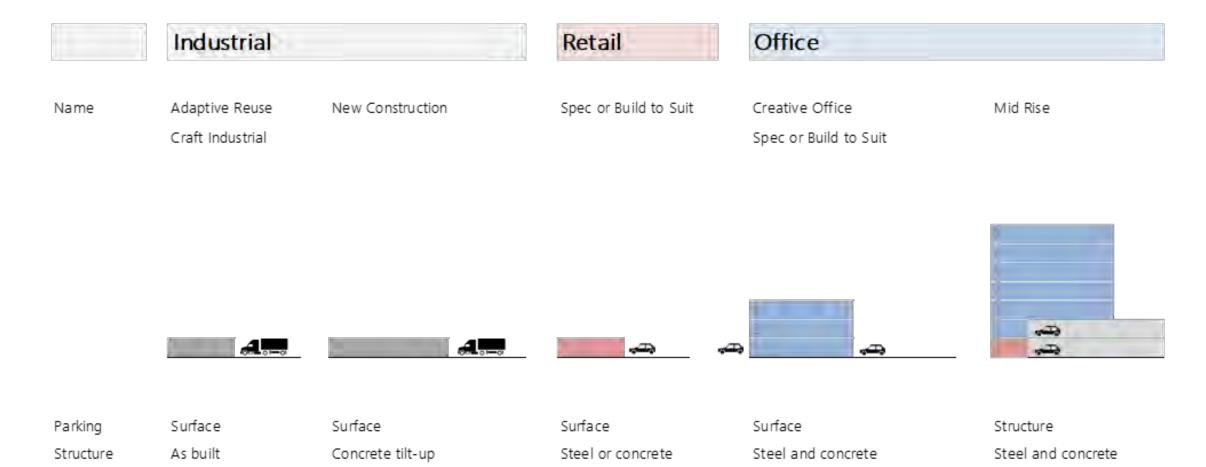
Employment Demand, Market Area, 10 years





Employment & Commercial Development Prototypes





Active Transportation and Real Estate

"A growing body of evidence exists that bicycling has a positive impact on retail sales, commercial property values, and overall economic development. In fact, a growing group of entrepreneurial innovators are discovering that bike trails and bike lanes can help modern retailers get more customers in the door and boost sales."

—Urban Land Institute







CASE STUDIES Hood River Riverfront

- 1970s: Industrial tenants
- Port of Hood River;
 City Urban Renewal District for infrastructure, recreation
- Signature riverfront parks
- Key Tenants:
 - Food Processing
 - Pfriem family brewers; and pizza, coffee, and ice cream
 - DaKine sports
- Industrial, office, destination retail tenants co-exist
- Festivals: Gorge Games, Harvest Fest





Astoria Riverfront

- 1970s: People Places Plan
- 2009: Riverfront Vision
- RiverWalk
- Trolley
- Adaptive Reuse of historic structures
- Key Tenants:
 - Fishhawk Fisheries
 - Northwest Sardines.
 - Destination
 Retail and Restaurants







Independence Riverfront

- Formerly Valley Concrete
- Now being redeveloped
- Signature Riverfront Park
- New City streets and infrastructure
- Adjacent to Downtown Independence
- The Hotel at Independence Landing
- Multifamily Housing







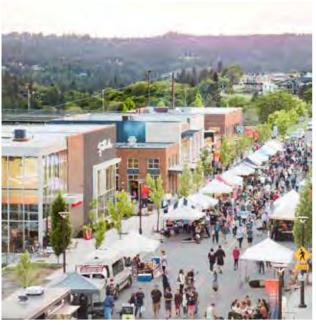
Kendall Yards, Spokane, WA

- Former railyard, brownfield, 78 acres
- Overlooking Spokane River across the river from downtown
- An overnight success,
 20 years in the making
- Primarily residential:
 Single family and multifamily,
 maximum of three/four stories
- Retail, office, restaurants
- Hotel planned
- "Night Market" festival
- No structured parking to date









Kendall Yards, Spokane, WA









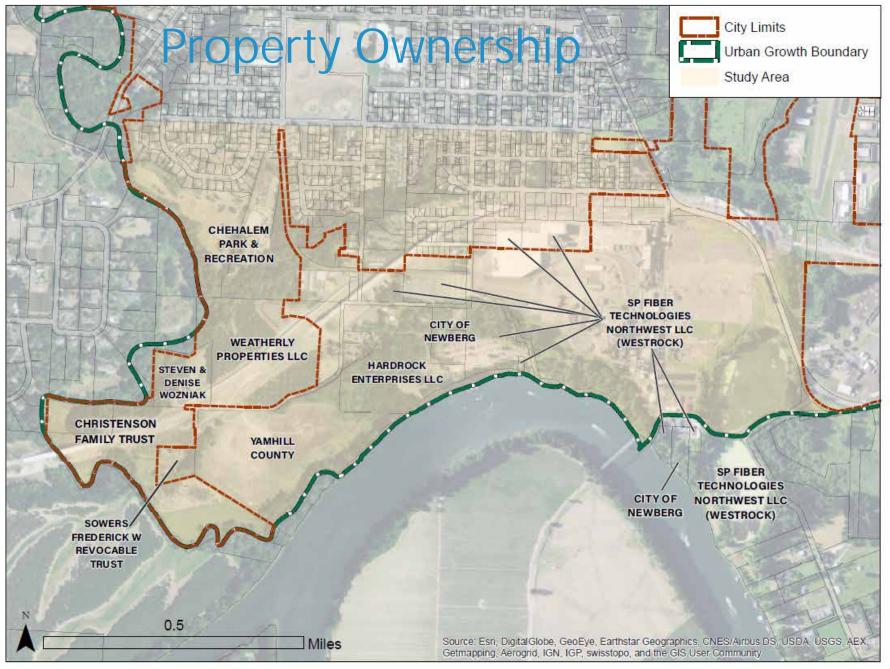




ADDITIONAL CASE STUDIES

RIVERFRONT MASTER PLAN

- Old Sawmill District, Missoula, Montana
- Willamette Falls Legacy Project, Oregon City, Oregon
- Waterfront Redevelopment Project, St. Helens, Oregon
- EWEB Riverfront, Eugene, Oregon
- Old Mill District and other riverfront areas, Bend, Oregon
- Columbia Waterfront and Terminal 1, Vancouver, Washington
- Waterfront Place, Everett, Washington
- Theater District and Downtown Revitalization, Petaluma, California
- Downtown revitalization, Oxbow Public Market, and riverfront,
 Napa, California





WestRock Mill Properties



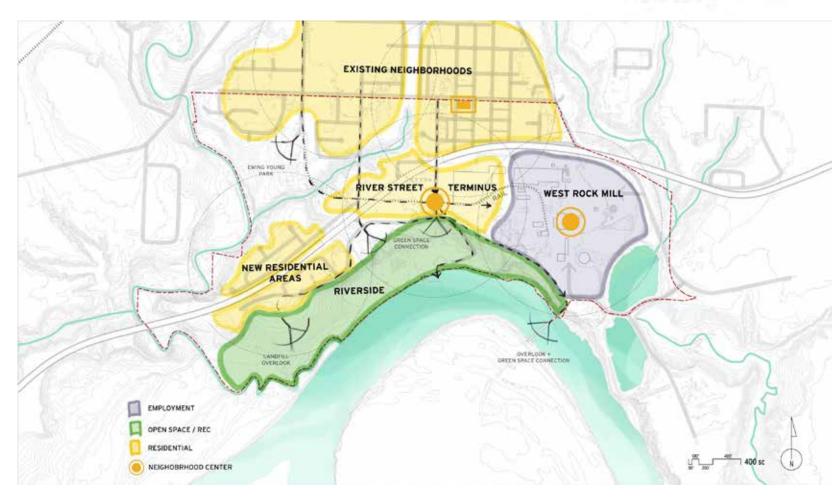
- Property actively being marketed
- Not all in study area/UGB
- High-value industrial facilities and machinery are most likely to remain:
 - Warehouse
 - Office and Co-gen area
- Adaptive reuse of Warehouse challenging
- Soil conditions unknown
- Case studies include both employment and mixed-use reuse



Findings and Recommendations



- Diverse subareas
- Connections will be critical: parks, open space, pedestrian, bicycle, in the study area and beyond
- Property owners and developers make development decisions
- Change takes time



Findings and Recommendations

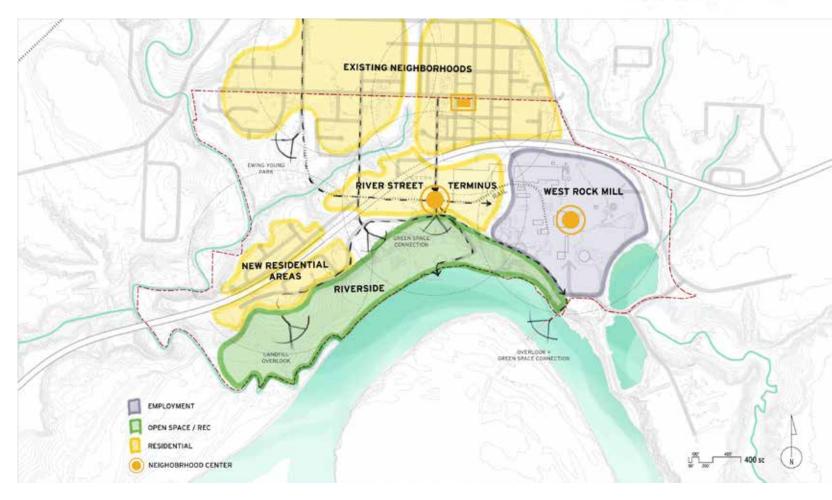


• Existing Neighborhoods:

- Incremental infill
- Strengthen retail node
- Explore antidisplacement measures

• Riverside:

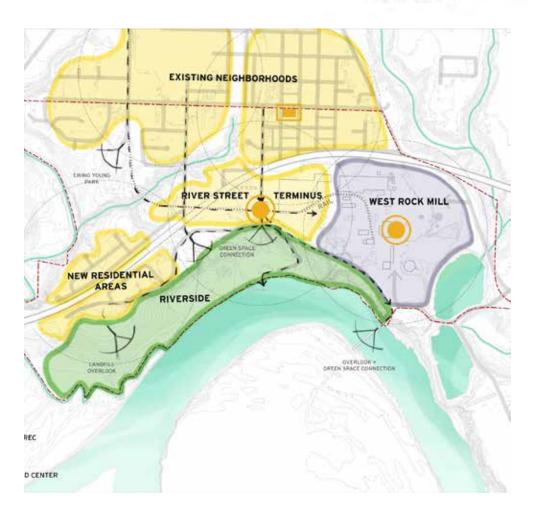
- Paths, trails, parks, amphitheater, festival and event space
- Connections from Dundee to Champoeg



Findings and Recommendations

- Retail. Destination and experiential retail (5,000 to 20,000 SF in initial phases)
- Employment. Industrial/employment likely to remain on some (east side) or all of WestRock
- Craft Industrial/Commercial Industrial
- Adaptively reuse buildings where possible
- Building form: surface parked in near and medium term
- Ancillary speculative office, build to suit office possible
- Major institutional development is possible, but difficult to predict
- Mixed-Use. Housing—single and multifamily—would be highest and best use in greenfield condition (8 to 30 units per acre)
- Hotel in later phases









LELAND CONSULTING GROUP

People Places Prosperity

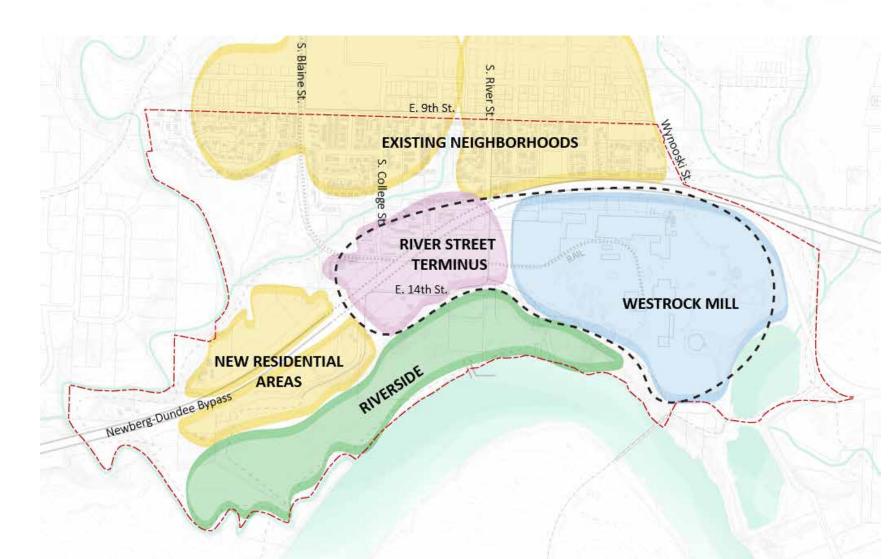
503.222.1600 www.lelandconsulting.com

Strategic Advisors to Public and Private Development

Preliminary Development Program A



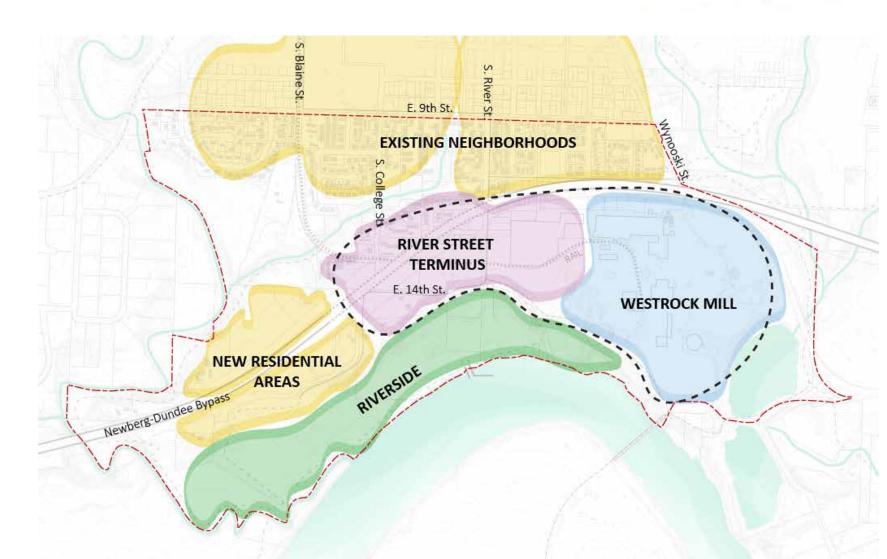
- 5 to 10 acres at River Street Terminus
- Destination retail and potentially small amount of housing at River Street Terminus
- Westrock Mill remains in industrial or employment use



Preliminary Development Program B



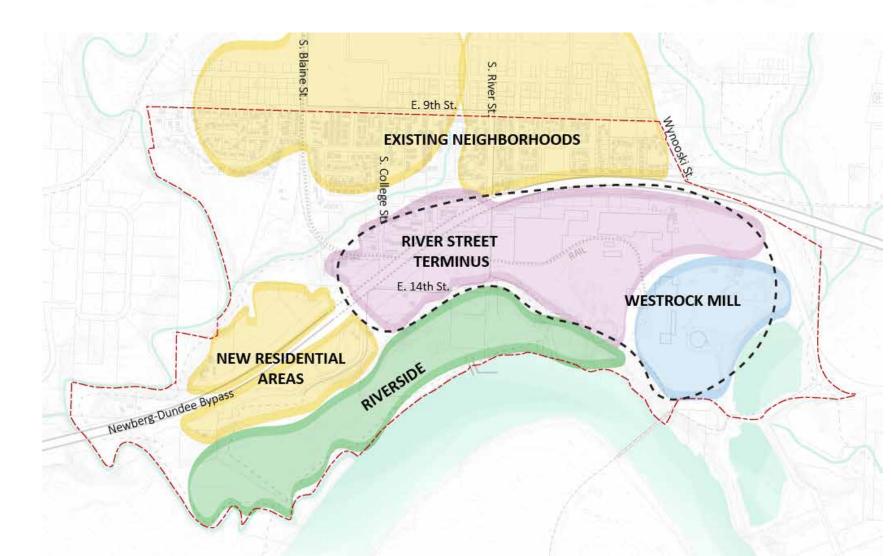
- 10-30 Acres at River Street Terminus includes destination retail, craft industrial, some office/institutional, and roughly 50 units of housing.
- Eastern portions of Westrock Mill remain in industrial or employment use



Preliminary Development Program C



- 60-130 Acres at River Street Terminus/West Rock site.
- Includes all uses in Alternative B, expanded office / campus / institutional and housing uses, and a hotel.



Project Schedule



