

## Natural Resources Program NCPRD

# Natural Resources Inventory



# Natural Resources Inventory

## A Natural Resources Inventory (NRI) includes the

- Identification
- Description
- Compilation

## of existing natural resources and land use data

### Inventory data is used to

- Monitor natural resources conditions
- Make recommendations and establish priorities
- Identify and watch trends
- Adapt management



### Data Variables and Variability

Quantitative, qualitative and observations

Collected at different temporal and spatial scales

Accuracy and Error

Questions driving data needs/collection

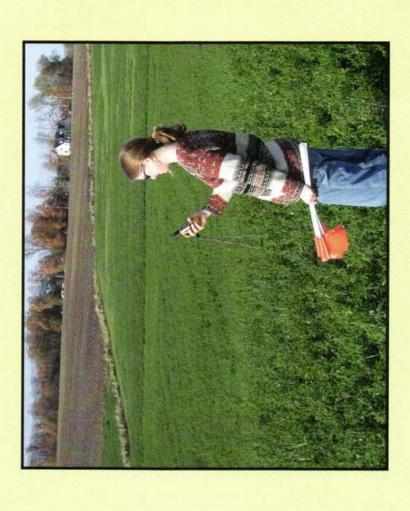
### Data Collection and Storage

### Data collected in the

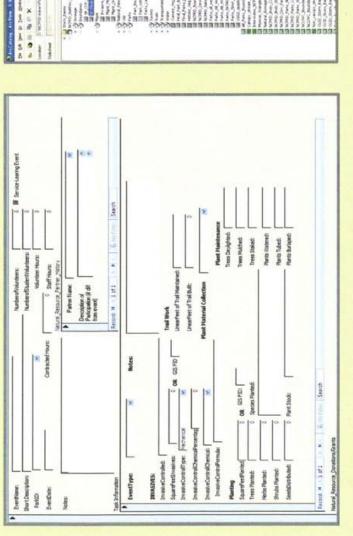
- Field
- GPS, photos, surveys, datasheets etc.
- Office
- ArcGIS, AutoCAD, Access,
   Excel, ArcPad etc.

### Stored in Databases

- Access Excel ArcGIS



## What Do We Do With the NRI Data? Data Storage



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Access Database

ArcCatalog view of multiple Geodatabases

## **Examples of Data layers**

## NCPRD Natural Resources Geodatabase

Management - Desired future conditions and invasive management Natural Resources -Planting, canopy cover, wildlife, etc. Trails - Trails, features, signage, etc. Water – wetlands, creeks/tribs etc. Boundaries- land use and acreage

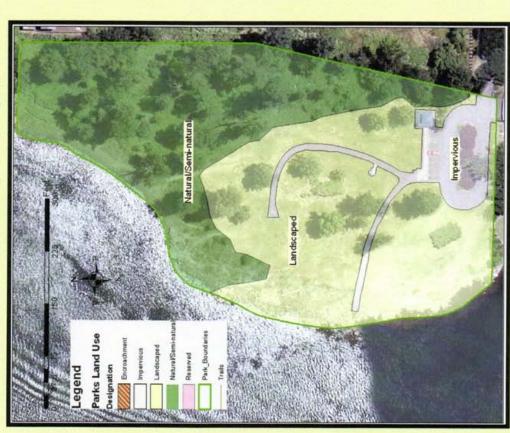
### Partner Geodatabase

CWMA (Cooperative Weed Mgmt Areas) - Weed surveys and treatments MIG (Contractor) - Fire management project data ODFW (Oregon Dept of Fish and Wildlife) Metro - Title 13, Oak habitats, trails, etc. DOGAMI - Faults, folds, geology, etc.

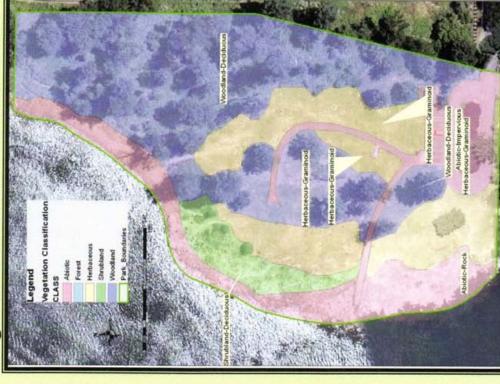
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# Examples of Data Layers Displayed in GIS

Land Use Data for Rivervilla Park

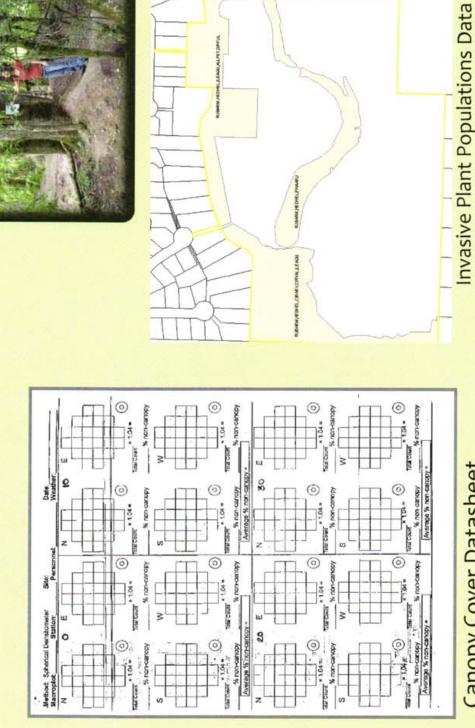


Vegetation Data for Rivervilla Park



# Monitor Natural Resources Conditions

Monitoring

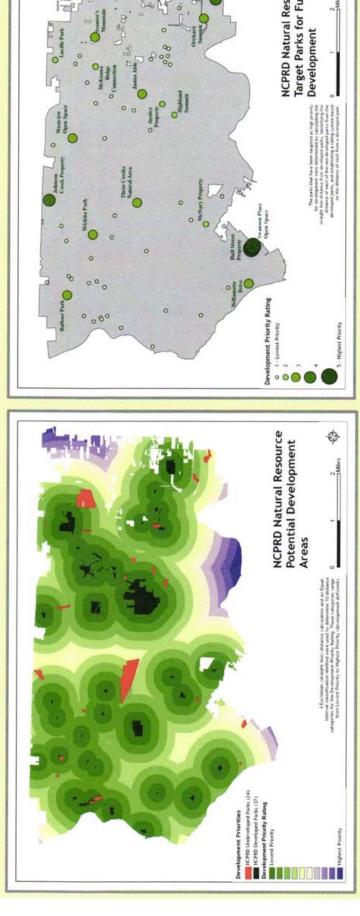


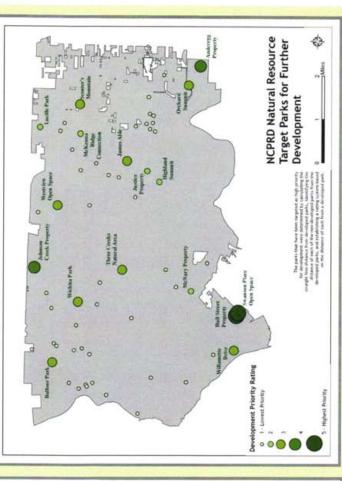
Canopy Cover Datasheet

collection and mapping



# Make Recommendations and Priorities





## Identify and Watch Trends

Monitor ecosystem health

Working with partner agencies

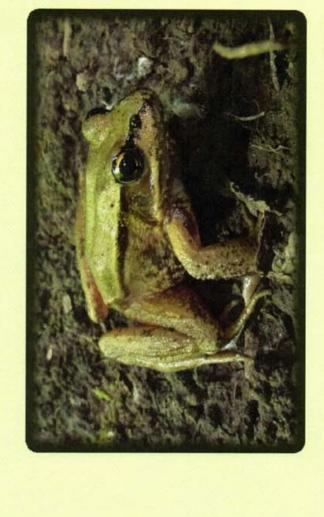
 Metro, Oak Lodge Sanitary District, Water Environment Services, Clackamas Soil and Water Conservation District, Watershed councils, etc

Examples

•Indicator species monitoring

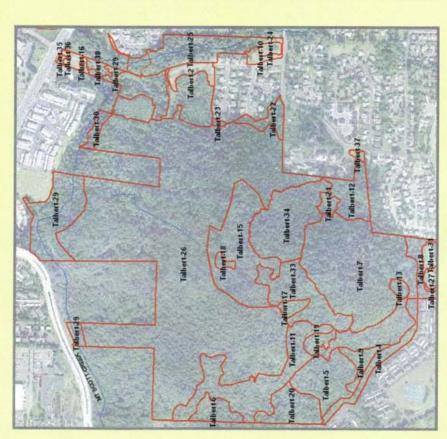
Invasive species

Canopy cover





# Adaptive Management



Define Management Units

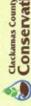


Monitor Survival- Adapt Methods and Techniques

### **Partners**



Consultation



Clackamas County Soil and Water
Conservation District



Data collection



Metro | People places. Open spaces.



Clackamas River Basin Council

Oak Lodge Sanitary District

Education-WES, NCUWC



Citizen "Scientists"



DOGAMI

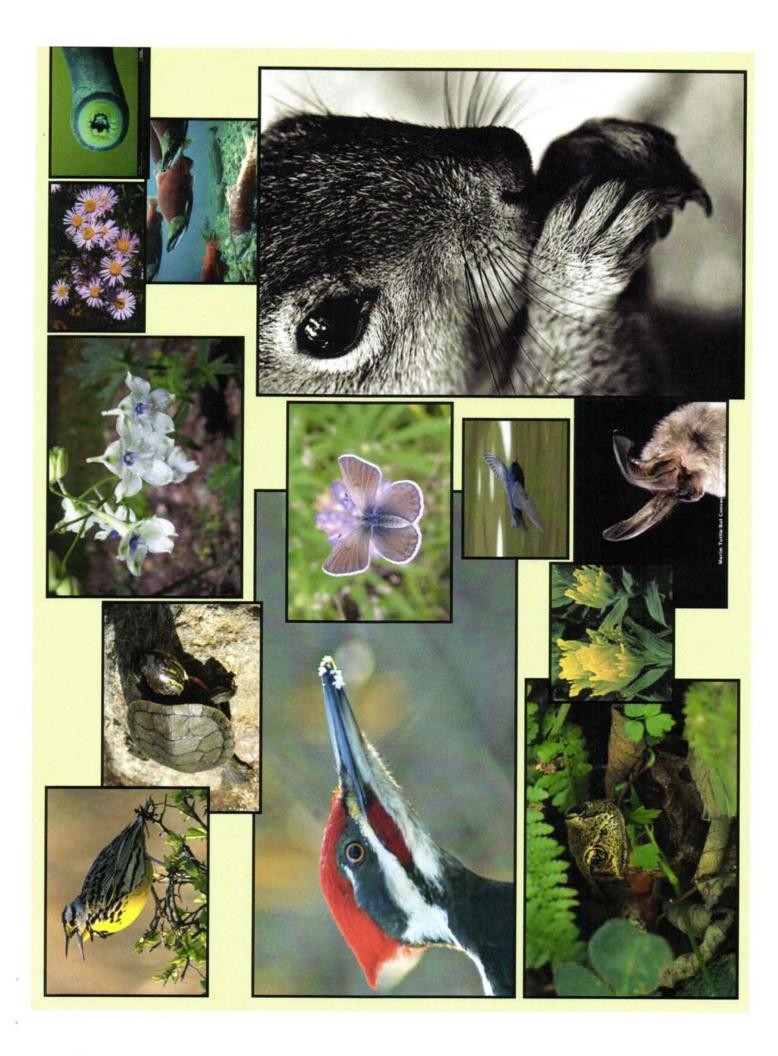






## Next Steps

- Continue to work with partners to help monitor, collect and share additional data
- Use data to evaluate, make recommandations, prioritize, watch trends and adapt management
- Update and maintain databases
- Provide information for the NCPRD Master Plan update
- Establish a limited duration technical group to review and provide feedback on data and findings



### Park Avenue Neighborhood and Station Area Plan

Presentation to Advisory Board for NCPRD
September 8, 2011
6:00 pm

### **Tonight's Presentation**

- Update on alternatives development
- Questions & Discussion

**Guiding Principles for This Project Public Workshop Results** 

### WHERE WE'VE BEEN

### **Key Guiding Principles for This Project**

- Start from the ground up
- Stay true to the project goals and evaluation measures
- Coordinate and integrate with the MAP (McLoughlin Area Plan) project
- Use sound community planning principles

### **PUBLIC WORKSHOP**



### **Workshop Results: Some Common Themes**

- Retain neighborhood character inside the residential neighborhoods
- Increase residential density around the station and main roads, but keep existing planned density in other areas
- Redevelop McLoughlin with mixed-use/ commercial/residential uses
- Create a main street with trees and traffic calming
- Build a pedestrian overpass over McLoughlin

### Workshop Results (cont'd)

- Identify safer crossings along McLoughlin Boulevard
- Add small multimodal streets and connections to neighborhoods in key areas
- Provide safe routes for kids to walk to school
- Integrate habitat, trees, native plants, and rain water management
- Provide public places, green spaces, community gardens, and street trees

**Existing Zoning** 

**Proposed Station Community Boundary** 

**Proposed Local Circulation Plan and McLoughlin Treatments** 

**Parks and Open Space** 

**Building Typologies** 

**Land Use Alternatives & Illustrated Scenarios** 

### WHERE WE'RE GOING













### **Alternatives are Based On:**

### What We've Heard:

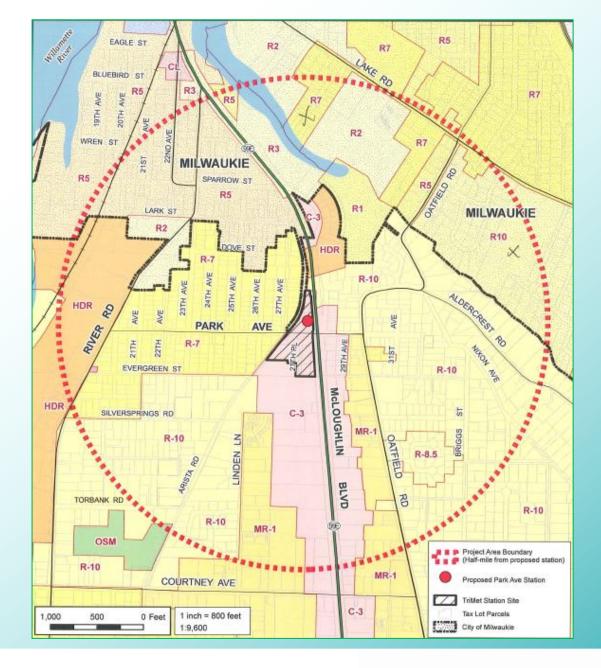
- Public workshop
- SAG and TAC discussions
- Stakeholder interviews

### What We've Analyzed:

- Opportunities and constraints analysis
- Market study results
- Evaluation criteria







### **Existing Zoning**

- Existing zoning is primarily lowdensity residential and auto-oriented commercial
- There are pockets of medium and high density zones



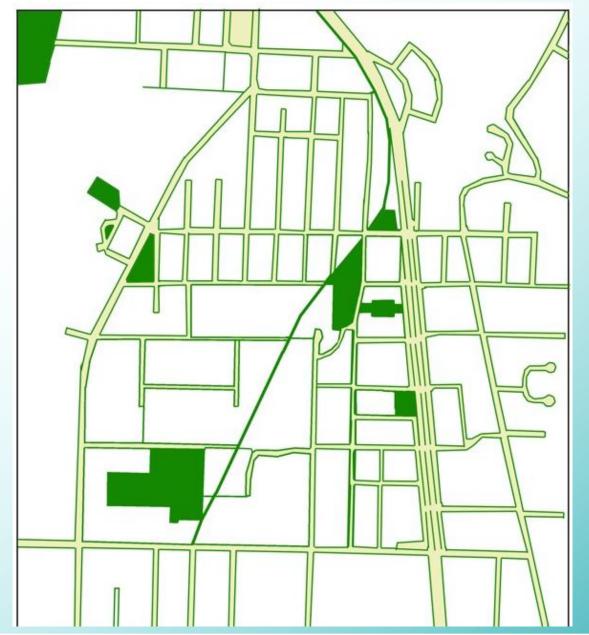
### Proposed Station Community

- Provides mix of uses to support TOD goals and transit
- Helps direct regional grants and public investment
- Focused on areas that have strong potential



### **Existing Through Connections**

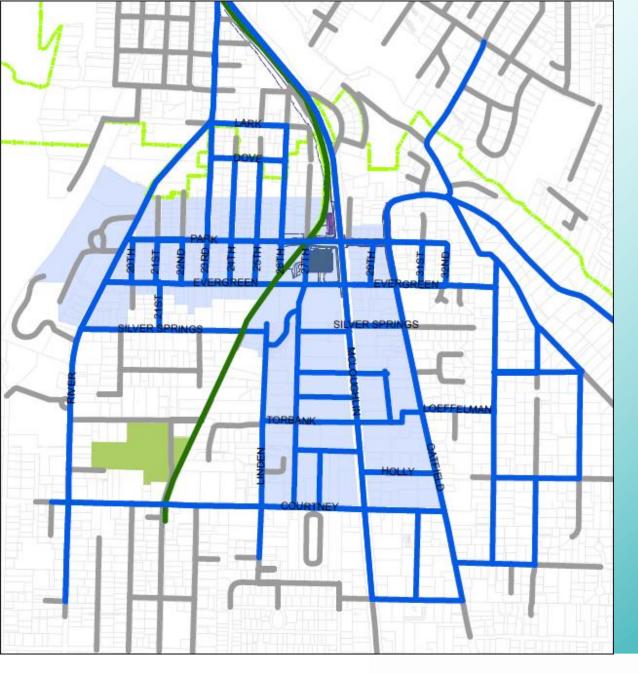
 There are few opportunities for direct travel for any mode



### **Provide a Green Network**

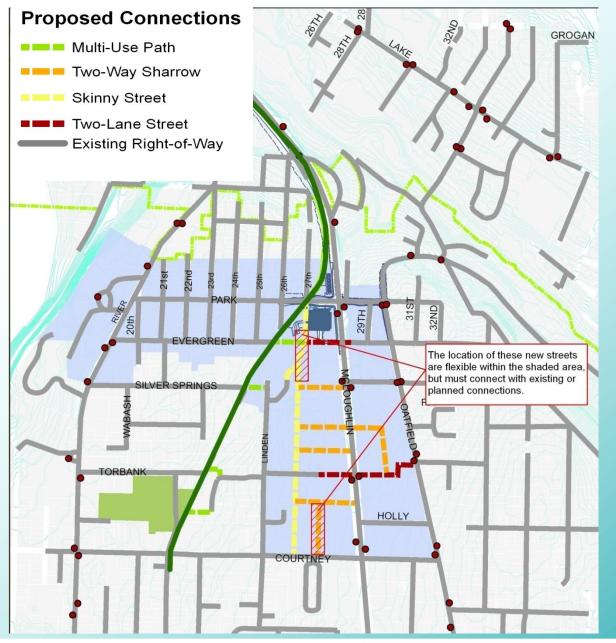
- Connections to existing parks and new park opportunity areas
- Sidewalks or adequate shoulders for pedestrians
- Street trees and integrated stormwater management





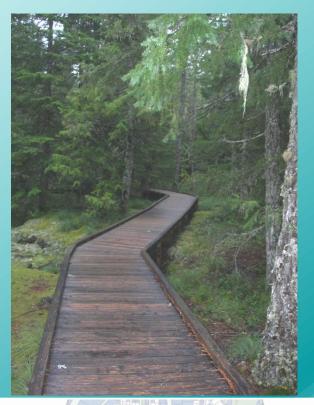
### Through connections with new routes

More direct travel

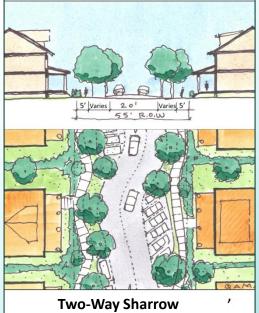


### Proposed new local street and path connections

Support new nodes and corridors, and link neighborhoods



## Skinny Street

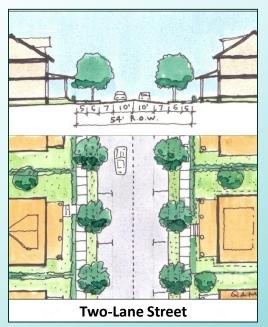


## 12' Pathway

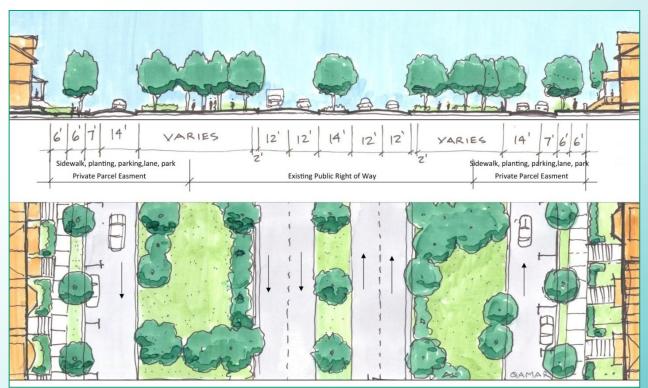
### Street Cross Sections for New Connections





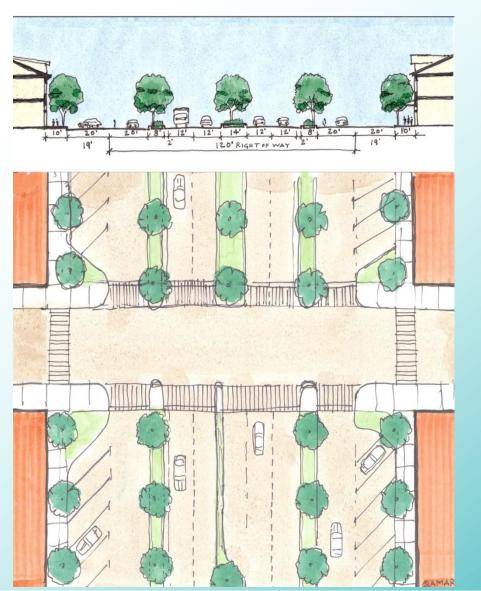


### McLoughlin Treatment: Parkway with Townhouses and Apartments





### McLoughlin Treatment: Multi-Way Boulevard

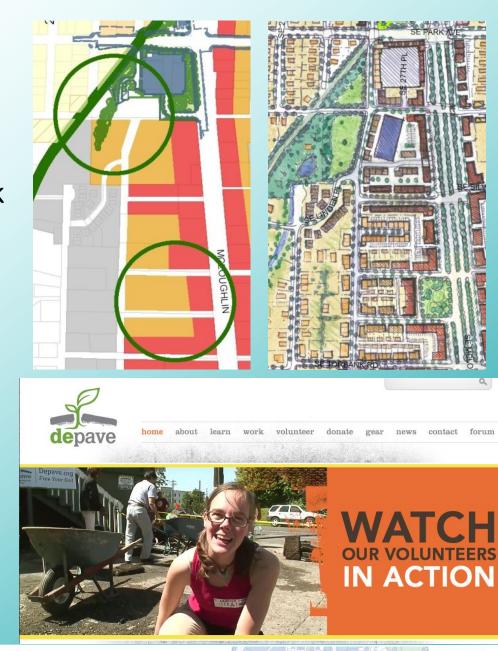






### **Parks and Green Space**

- Existing neighborhoods are already short on parks
- Each alternative identifies park opportunity areas
- Consider ways to secure/link smaller park dedications (public/private)
- Consider areas for small parks in neighborhoods
- "De-pave" some areas for community gardens/habitat restoration (some state and federal grants available)

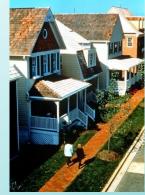


### **Building Typologies**

### Duplex/Triplex/Live Work

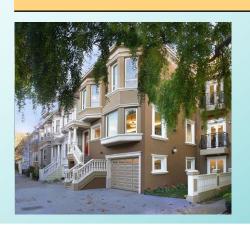








### Mixed-Use Neighborhood

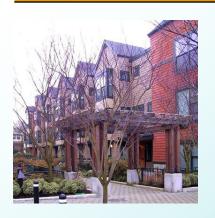






### **Building Typologies**

### **Urban Housing**









### Main Street Retail and Commercial





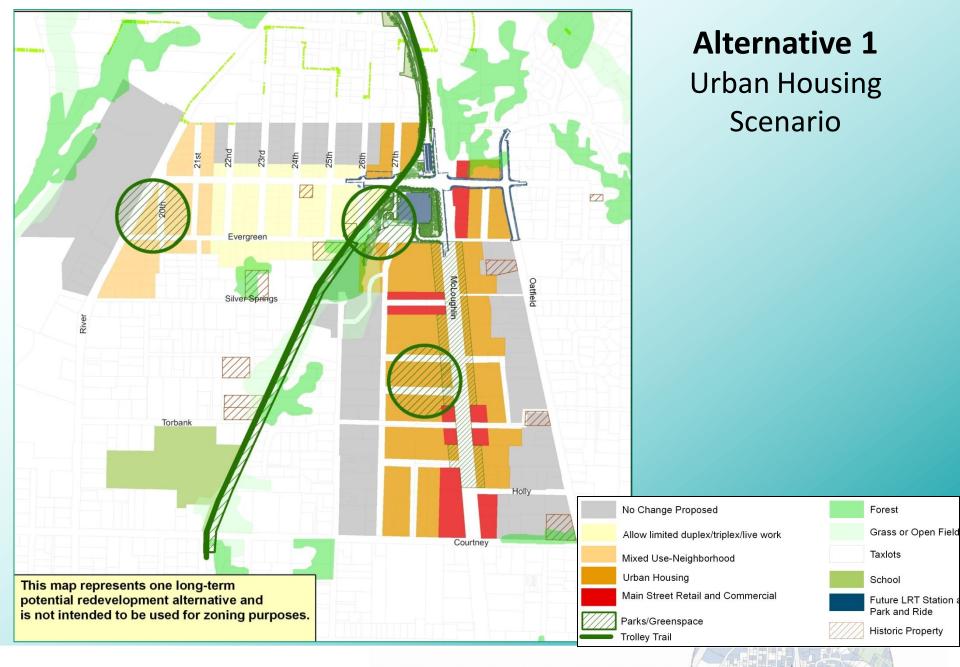


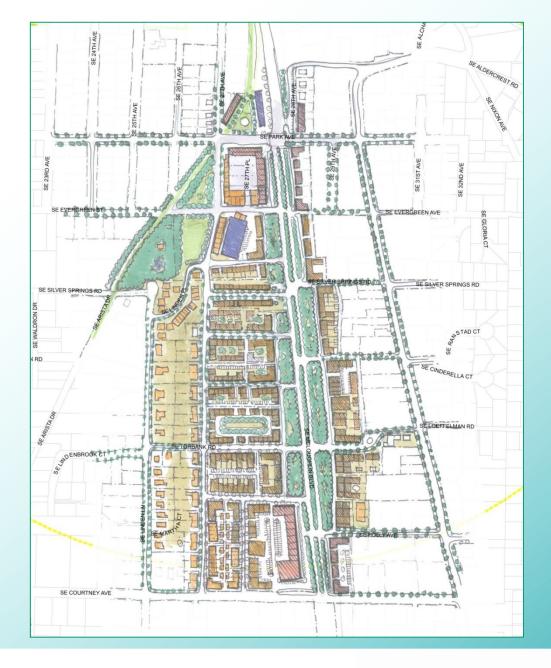


### Estimated Acres, Retail and Commercial Square Footage, and Residential by Land Use and Alternative

|                                 | Total Acres |        | Percent of Station Area |        |
|---------------------------------|-------------|--------|-------------------------|--------|
|                                 | Alt. 1      | Alt. 2 | Alt. 1                  | Alt. 2 |
| Station Community Boundary      | 128.7       | 128.7  |                         |        |
| No Change Proposed              | 59.5        | 59.5   | 46%                     | 46%    |
| Duplex/Triplex/Live Work        | 14.9        | 14.9   | 12%                     | 12%    |
| Mixed-Use Neighborhood          | 10.5        | 12.6   | 8%                      | 10%    |
| Urban Housing                   | 34.4        | 23.1   | 27%                     | 18%    |
| Main Street Retail & Commercial | 9.5         | 18.6   | 7%                      | 14%    |
|                                 |             |        | 100%                    | 100%   |

Note: The Station Community Boundary acreage shown above does not include acreage where future multimodal connections would be located. The total gross acreage with the Station Community Boundary is approximately 141 acres.

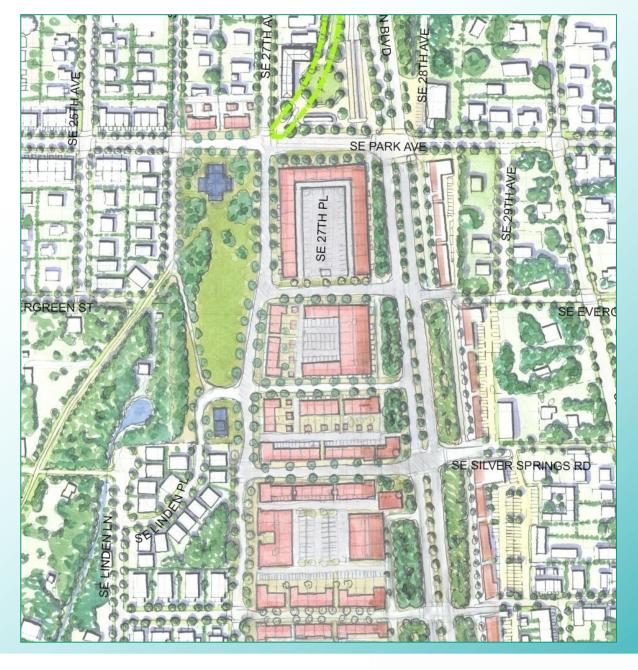




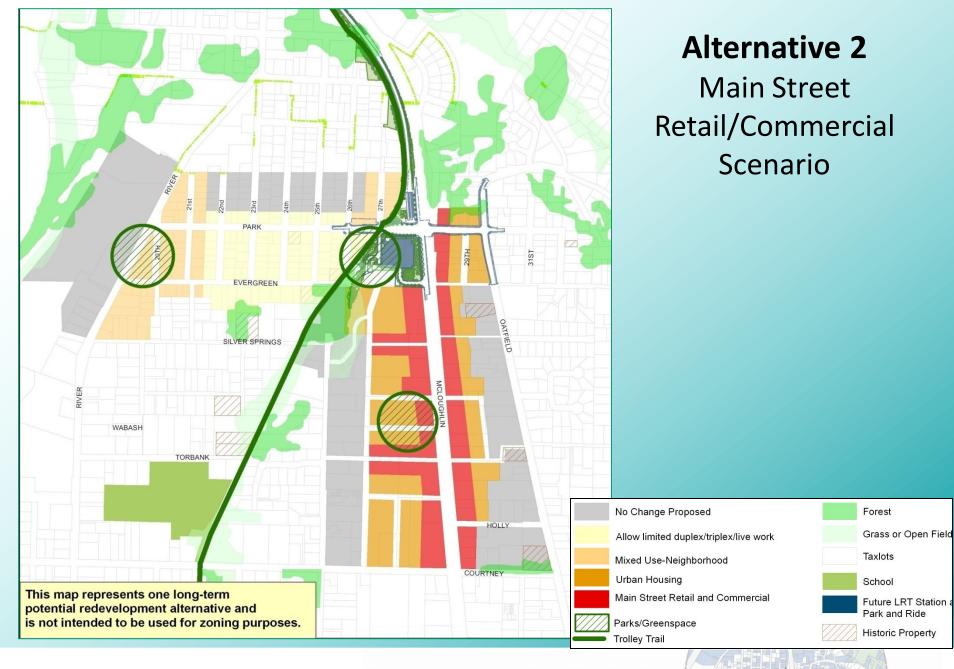
# Land Use Concept 1 Developed from Public Workshop Input: Parkway with a Residential Focus



**River Road Node** 



# Alternative 1-Detail Urban Housing Scenario with Parkway - Illustrated Scenario -





## Land Use Concept 2 Developed from Public Workshop Input:

Multi-Way Boulevard with Mixed-Use Focus



**River Road Node** 



#### **Alternative 2-Detail**

Main Street
Retail/Commercial
with Multi-Way
Boulevard
- Illustrated Scenario -

### Questions & Discussion



#### NORTH CLACKMAS PARKS AND RECREATION DISTRICT DIVISION REPORTS September 2011

#### PLANNING AND NATURAL RESOURCES

#### 4<sup>th</sup> Annual Trail Counts

The 2011 NCPRD Trail Counts and Surveys will be conducted on September 13-15, at 5-7pm and September 17-18, from 9-11am. NCPRD is still looking for volunteers. Counts will be conducted at four locations; 2 locations along the Trolley Trail, SE 17th Ave. and Milport in Milwaukie, and along the Springwater Corridor at Rugg Road near Boring. Please contact Robin Bruce at 503-742-4348 or <a href="mailto:robinbru@clackamas.us">robinbru@clackamas.us</a> to sign up.

#### SE 17<sup>th</sup> Ave. – Trolley Trail to Springwater Corridor Connections

NCPRD and the City of Milwaukie are sponsoring the SE 17<sup>th</sup> Avenue Multi-Use Regional Trail Connection Regional Flexible Fund Allocation project. This project is proposed for the Clackamas County share of Regional Flexible Funding (\$2.696 million). Project summaries from local agencies are available for viewing at the Metro website at <a href="http://www.oregonmetro.gov/index.cfm/go/by.web/id=19681">http://www.oregonmetro.gov/index.cfm/go/by.web/id=19681</a>. A public comment period is scheduled for Sept. 9 through Oct. 10, 2011.

#### **Trolley Trail**

Elting Northwest of Gladstone has paved section 5 of the trail, and is moving on to section 3. Please visit the project website for updates at <a href="http://www.hhpr.com/trolleytrail/">http://www.hhpr.com/trolleytrail/</a>. Construction was hindered by the wet weather during the spring and early summer, however, completion of the trail is expected before the end of the year.

NCPRD is continuing to coordinate construction of the trail with the Portland to Milwaukie Light Rail project. The segment of the Trolley Trail from River Road to Park Avenue is currently in the process of being removed from NCPRD's Trolley Trail construction contract with Elting Northwest. This segment would be built as part of the light rail project construction.

#### **Anderegg Property**

The Memorandum of Understanding to jointly develop a concept plan and design documents for the property was approved by the Clackamas County Board of Commissioners on August 25, 2011. NCPRD and Damascus staff is working with Greenworks Landscape Architecture to develop a project timeline and outline.

#### **North Clackamas Park**

North Side Master Plan

Staff is scheduling additional meetings to discuss the plan with members of the Milwaukie Center Community Advisory Board, the NCP Stewardship Committee, and members of the Milwaukie Planning Commission before proceeding with the next Milwaukie Planning Commission hearing.

#### **Mount Talbert Nature Park**

Staff hired and supervised a contract crew to perform invasive weed treatments to the nature park. Work was focused on specific weeds that are invading the interior habitats. The prairie loop and cedar park grasslands were moved at 4-6 inch height to decrease weed spread and to decrease fire risk.

NCPRD Staff is working with Happy Valley and Metro to evaluate the opportunity to annex Mt. Talbert to the City of Happy Valley. This would allow for greater enforcement of park rules and regulations.

#### **Three Creeks**

NCPRD Staff worked with WES, Sheriff's Department and the Tsunami Crew (volunteers) to decommission a large BMX park that was built by adults camping at the site. This involved hiring a Northwest Youth Corps Crew to help with the decommissioning. WES is paying for the Youth Corps Crew and NCPRD managed the site restoration. The Clackamas Review, KGW and other news sources did a story on the project.

#### Fire Management Plan

NCPRD and MIG/Trout Mountain hosted a project information table at the Clackamas County Fair on August 20. Please see the project website for additional information: http://www.clackamasparkswildfire.org/

#### ORPA Fire Management Presentation

Staff will be giving a presentation about the NCPRD/CCP Fire Management Project ORPA Conference. The presentation was submitted and accepted by the ORPA Natural Resources Section. The ORPA conference is September 18-21 in Bend.

#### NCPRD Master Plan Update/Strategic Plan

Staff continues to research updating the NCPRD Master Plan and hopes to begin the pre-planning work this fall. More information about the project scope, public outreach and timeline will be provided at future meetings.

#### **NCPRD Natural Resources Program**

<u>AmeriCorps</u> - Staff has chosen a candidate to fill the NCPRD Natural Resources Technician AmeriCorps position. This person will start with the Confluence Environmental Center (AmeriCorps) on September 7<sup>th</sup> (trainings) and then start working with NCPRD in late September. This position will continue with NCPRD until August of 2012. Their primary tasks will include working on NR projects, maintenance, organizing volunteer events and outreach, inventory and natural area trail work.

#### Service Sharing/Clackamas County Parks

The service sharing arrangement with Clackamas County Parks ended June 30, 2011. Staff is currently transitioning project management responsibility to County Park staff for the Metzler Park- Planning, design and implementation of a Clear Creek in-stream restoration project.

#### **MILWAUKIE CENTER**

#### **Programs/Services**

More than 80 patrons enjoyed the music of the Beach Boys and banana splits and ice cream sundaes at the Center's annual Beach Bum and Ice Cream Social on August 12. Many thanks to this year's event sponsor, Homewoods on the Willamette.

The Milwaukie Center Transportation Program busses are lift-equipped and fully accessible, enabling the program to transport riders with varying degrees of mobility. The lifts accommodate wheelchair and scooter users, and folks who depend on walkers or have trouble negotiating stairs. The bus lifts assist approximately 20% of all riders and are utilized on 250 rides each month.

Seniors with low incomes are having difficult times making ends meet and look for ways to stretch their monthly income. The number of inquiries for food resources and low cost housing has increased significantly. Social services staff addresses each person's needs and assist with access to available resources.

Social Services staff coordinated two informative Healthy Aging Seminars for patrons during the month of August: "Talking to your Doctor," and "Tips and Tricks in Caring for Another Person Safely and Without Injuries."

The Friends of Milwaukie Center published their 2011 Annual Report in August. The publication is full of information about the efforts of the non-profit and how it supports the Milwaukie Center.

#### **Fund-raising**

Friends of the Milwaukie Center announced that the 2012 Entertainment Books are here for the same great price of \$20. They can be purchased in the Gift Shop or the Friends office.

#### Coming Up

**Annual Maintenance Week:** Tuesday through Friday, Sept. 6 to 9, the Center is closed for general maintenance. Staff will be available to respond to phone calls and Meal on Wheels will be delivered.

**National Senior Center Month is September!** This year's theme is "It Happens at My Senior Center. My Life. My Time. My Way." Milwaukie Center's celebrations include the annual **Farewell to Summer Barbecue** on September 22, from 11:30 am to 12:30 pm, sponsored by Bob's Red Mill, with entertainment by Mark Cash and Chihuahua Desert.

**Free Class Demonstrations:** September 21 through 30, try out an abbreviated class and met the instructors for fall term classes in Meditation, Belly Dance, Square Dance and Oigong.

#### **Healthy Aging Workshops:**

September 13, 10:30 am to noon, "<u>EECP and Angina</u>", Heart Centers of America. September 23, 10:30 am to 12:30 pm, <u>Fall Prevention Awareness Day</u>, Providence Milwaukie Hospital. September 28, 1 pm to 3 pm, "How to Select In-Home Care Providers", Home Instead Senior Care.

**Lumberjack Breakfast**: Saturday, September 24, 8 am to 11 am; \$6 adults, \$3 kids under 12. All-you-can-eat pancakes served with eggs, sausage, juice and coffee. Help split and stack firewood for the Emergency Firewood Program after you fuel yourself with breakfast!

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#### **Swim Lessons**

During the month of August, 1238 children participated in three swim lesson sessions.

#### **Swim Team**

The Piranhas finished a successful summer season by hosting the Multnomah Athletic Club swim team, Oregon City swim team, and the East Side Athletic Club swim team on Friday, August 5 at the North Clackamas Aquatic Park. Immediately following the swim meet, there was an awards ceremony, end-of-season banquet and pool party.

Coach Dave Kraff will be conducting a high school swimming pre-season training/technique clinic for 9<sup>th</sup> to 12<sup>th</sup> graders. This will take place between 4 pm and 5 pm. Monday through Thursday, September 26 to November 3. The cost is \$100 and space is limited.

#### **Facility News**

Staff is gearing up for this year's facility shut-down from September 6 to 23. In addition to the usual maintenance projects, this year staff will install more ADA upgrades to the facility and apply a new coating to the locker-room shower floors. The office will be open from 9 am to 4 pm, Monday through Friday to assist customers as needed.

Aquatic Park staff have received, reviewed and evaluated the energy upgrades Request for Proposals (RFP) and will begin engineering work with the selected bidder.

#### **Upcoming**

The Aquatic Park will have a Big Surf! swim on Labor Day, September 5 from 1 pm to 5 pm.

During the month of September, the Aquatic Park will conduct the Annual Pass Sale. Adult resident passes will cost \$180 and non-residents will cost \$220.

#### RECREATION

#### **RecMobile**

Over 1700 kids participated in the free RecMobile program this summer. Ashley Meadows, Happy Valley and Pfeifer Parks had the highest average attendance with approximately 40 kids at each site.

The RecMobile Staff led activities at the National Night Out event at Mill Park on Tuesday, August 2<sup>-</sup>

#### **Movies in the Park**

The Movies in the Park program came to a close on Friday, August 12 at Milwaukie Covenant Church. Over 300 people attended the showing of *The Incredibles*, sponsored by the Linwood Neighborhood Association.

More than 1600 people came to the 2011 Movies in the Park shows. Attendance was up 20% from 2010, despite having four fewer movies and a chilly and wet start to the summer. The highest attended movie, with over 400 people, was *Despicable Me* on July 22 at the Milwaukie Daze Celebration.

#### **Summer Camps**

Summer camps came to a close on August 26. NCPRD partnered with many recreation agencies to offer a wide variety of summer camp opportunities. Over 600 children participated in camps that included sports, drama, horseback, dance and other activities.

#### **Skateboarding**

The summer session of Skateboard Club, held at Risley Park tennis courts, ended on Thursday, August 25. Due to the success of the first Skateboard Club, staff member Greg Maxwell-Muir will offer another Skateboard Club on Saturday mornings throughout the month of September.

#### **Zumba and Picnic in the Park**

The free Zumba in the Park event drew over 150 dancers and spectators to North Clackamas Park. People had a chance to learn Zumba, Zumba Gold, and hula hooping from three different Zumba instructors. Tina Johnson, Recreation Coordinator, did a fantastic job planning and overseeing this fun, free community event.

#### **Travel**

The Travel Program's Annual Mystery Trip took place on Tuesday, August 23. Recreation staff took 34 patrons on a fun adventure to Pike's Place Market in Seattle by way of Amtrak.

#### **Upcoming**

Fall Program Registration is under way. New fall programs include:

- Preschool Multi-Sport
- Square Dancing free demo, Tuesday, September 27, 2:15pm to 3:15 pm
- Meditation for Mind and Body free demo, Wednesday, September 21, 6 pm to 7 pm
- English Conversation and American Culture free demo, Monday, September 12, 6 pm to 7 pm
- Sushi Making Workshop
- Quilting Landscapes

#### SPORTS/FIELDS

#### **Notable News**

The Mt. Hood Challenge Soccer Tournament took over the fields at Alder Creek Middle School and Rex Putnam High School on Friday, August 19 through Sunday, August 21. With 496 teams participating in the Mt. Hood Challenge Soccer Tournament, it was the largest youth soccer tournament in the Northwest! Thanks to the hard work and leadership of District Advisory Board Member Susan McCarty, this was the first time that fields in our district were chosen as one of the sites for the Mt. Hood Challenge Soccer Tournament.

#### **North Clackamas Park**

NCPRD is again partnering with Putnam Youth Baseball and Milwaukie Junior Baseball in offering a Sunday fall baseball league. The league is at capacity with thirty-six teams. The fall season runs August 28 through October 28.

Weeknights are busy with youth fall softball and baseball practices.

#### Pfeifer Park

Weeknights are very busy with Clackamas Youth Football practicing on the large field and Clackamas United Soccer Club and Thelo United Futbol practicing on the small field. Saturdays and Sundays are busy with Clackamas United Soccer Club and Thelo United Futbol practices and games.

Clackamas County will be conducting a traffic count on 139<sup>th</sup> Avenue after Labor Day. This is the first step in determining what traffic calming measures can be added to increase neighborhood safety.

#### **Hood View Park (HVP)**

Clackamas High School's (CHS) boy's soccer program held team tryouts at HVP in August.

Clackamas Youth Football, Clackamas United Soccer, and Thelo United Futbol have taken over the fields in the evenings Monday through Thursday for team practices. Multiple teams are sharing each field for practices with a minimum of two teams on each field.

Clackamas United Soccer Club Micro and Mini Soccer League calls HVP home. There are over 240 local 4 to 7 year-olds participating in the fall soccer league. Ten mini/micro soccer fields have been laid out on two of the fields at HVP. All ten fields will be utilized at the same time for games on Tuesday and Thursday evenings.

NCPRD's Friday Night Fall Ball adult softball league is back for its second season and is as popular as ever. The Men's USSSA League has eight teams and the Friday Night ASA Coed League has 14 teams.

Weekends have been busy with a wide variety of adult and youth tournaments. The Twelve Step Recovery League is back this year. The coed adult softball league plays all games on Sundays from 3 pm to 10 pm.

#### Alder Creek Middle School Turf Field. (ACMS)

Local youth organizations, Thelo United Futbol, Mustang Youth Football, and Putnam Youth Football began weeknight practices in August. Saturdays will be busy from early mornings to late evening with Mustang Youth football games. Sundays will be filled with Clackamas United Soccer Club and Thelo United Futbol soccer games. The fall season ends in mid-November for both football and soccer.

Saturday August 27 was especially busy as North Clackamas Soccer Club held their opening season jamboree.

#### Milwaukie High School Turf Field

Mustang Youth Football held their seasoning opening jamboree at MHS. Thelo United Futbol and Clackamas United Soccer will now keep the MHS field busy on Saturdays and Sundays with youth soccer games.

#### **Putnam High School Turf Field**

Saturdays will be busy all day with Putnam Youth Football games through mid-November. Local youth soccer games will take over the field on Sundays.

#### **View Acres Elementary Soccer Field**

Weeknights are busy with North Clackamas Soccer Club and Thelo practices. Saturdays the field is full with North Clackamas Soccer Club games.

#### **Lot Whitcomb Elementary Field**

Weeknights are busy with Milwaukie Soccer Club and Thelo United Futbol practices. Saturdays will be bustling with Milwaukie Soccer Club games.

#### Mt. Scott Elementary Gymnasium

NCPRD now offers drop-in adult volleyball on Tuesday evenings. People 18 and over can drop in between the hours of 7 pm and 9 pm. For the small fee of \$2 you can get your game on!

Clackamas County Special Olympics volleyball athletes practice Saturday mornings at the Mt. Scott gym.

Adult basketball is now offered not only on Sundays but also on Monday, Wednesday, and Thursday evenings.