
LLOYD TO WOODLAWN NEIGHBORHOOD GREENWAY

Project Recommendation & Implementation Strategy



PBOT
PORTLAND BUREAU OF TRANSPORTATION

AREA + PROJECT PLANNING
2022

PORTLAND CITY COUNCIL

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Public Involvement

Special thanks to our community partners, neighbors, and advocates serving the historic Albina Community;

Ron Herndon representing the voices and perspectives of the families and children of Albina Head Start, which provides invaluable early childhood education services to the greater Albina community.

John Washington of the Soul District Business Association representing the residents and businesses of NE MLK Jr Blvd.

The teachers, administrators, parents, volunteers, and custodial staff of Dr. Martin Luther King Jr School and NECN for hosting multiple events at their locations near NE 7th Ave and NE Alberta St.

And to the hundreds of people with current and historical ties to the greater Albina community who participated in this planning effort.

Project Recommendation

The Lloyd to Woodlawn Neighborhood Greenway is a NE 9th Ave Neighborhood Greenway and a Safer 7th Avenue. Together, these two complimentary routes improve safety for everyone, respect the history and context of the neighborhood, and establish a low stress walking and biking route between Northeast Portland neighborhoods and the future Blumenauer Bridge.

Key design features include:

Improved lighting at crossings

New pedestrian-oriented lighting will be installed where lighting levels are deficient at marked crossings. The new lighting will be paired with enhancements to crosswalks and curb ramps

New crosswalks and curb ramps

Key Safe Routes to School crossings will be marked, and curb ramps will be reconstructed for improved accessibility for all.

Safer crossings of busy streets

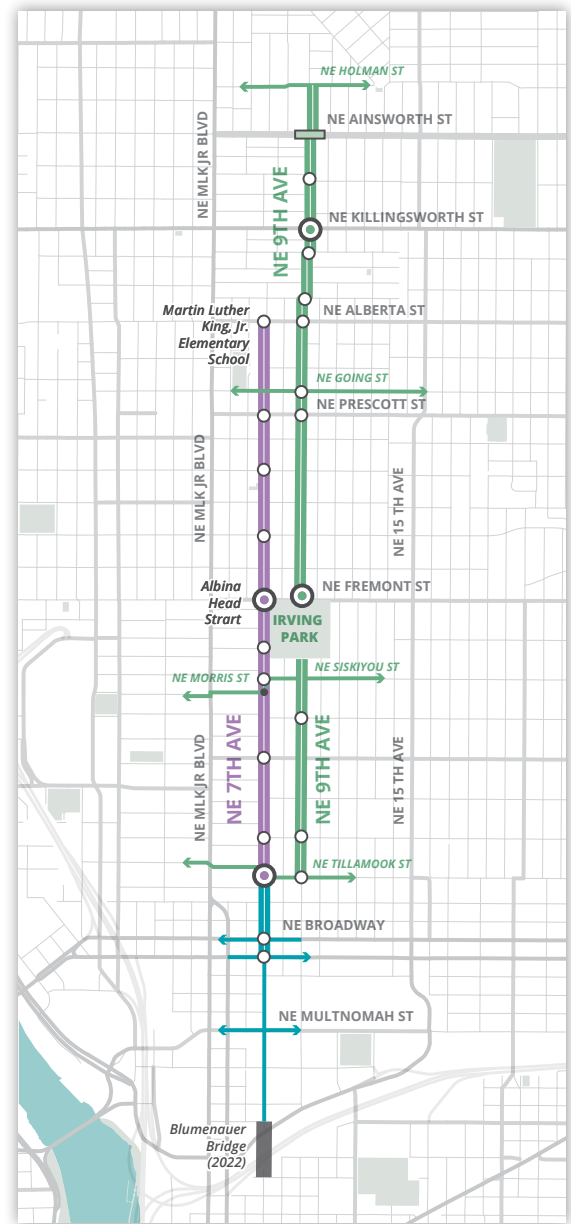
On NE 9th Ave, upgraded marking and signs will clarify priority for people walking and biking across busier streets. Drivers must yield to pedestrians, and these markings will encourage everyone to keep an eye out for each other.

Designing for safe speeds

PBOT will install speed bumps on both NE 9th and NE 7th to reduce speeding on these neighborhood routes. Speed bumps are designed to keep driver speeds at 20 miles per hour, and discourage use of the streets for long-distance driving trips

Bike lane connections

Short segments of bike lanes will help close gaps and connect users to the rest of the bikeway network. New bike lanes from NE Tillamook to NE Weidler will close the connection to the new Blumenauer Bridge crossing Interstate 84.



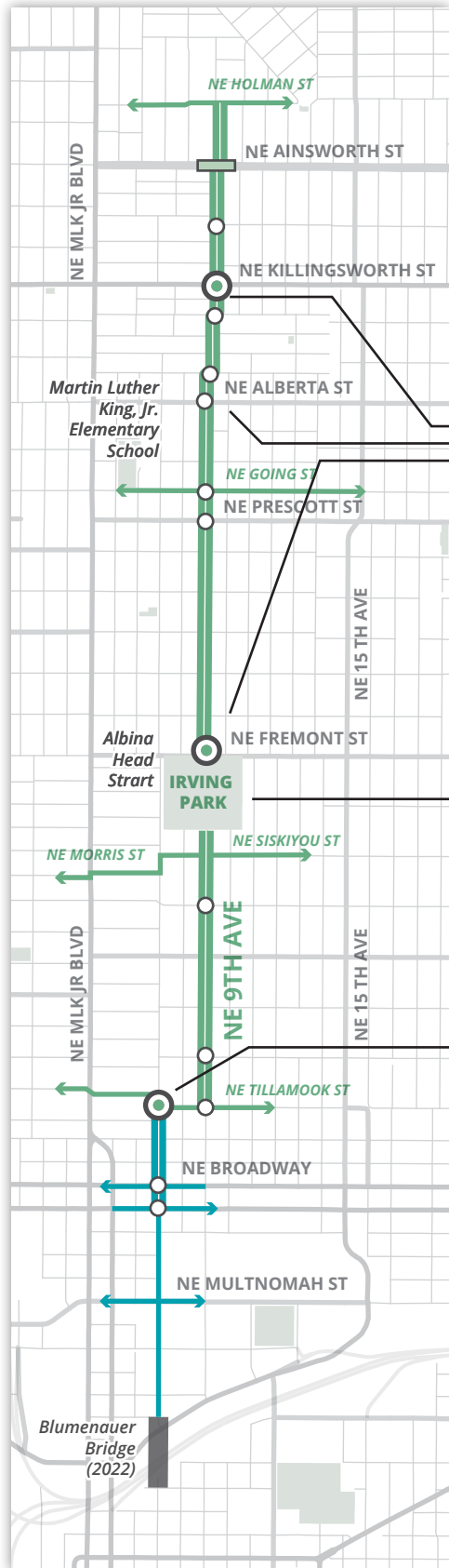
PROJECT ELEMENTS:

- NE 9th Ave Neighborhood Greenway
- NE 7th Ave Traffic Calming
- NE 7th Ave Bike Lane Connection
- ⊙ Major Crossing Improvement
- Marked Crossing
- ▬ Extended Center Median (Circulation Change)

- Existing Bike Lanes
- Existing Neighborhood Greenway

NE 9th Ave Neighborhood Greenway

Connecting the NE Holman Neighborhood Greenway to the NE Tillamook Neighborhood Greenway, the proposal will strengthen the role of NE Ninth Avenue as a low-stress neighborhood connection.



Major crossing improvements at busy east-west corridors will improve the safety and comfort of people walking and biking by adding median islands, high visibility crosswalks and pedestrian scale lighting.

An accessible path through or around Irving Park is a desirable element of this proposed neighborhood greenway. A future feasibility study and additional collaboration with PP&R is needed to determine whether there is a feasible and mutually agreeable alignment.

An improved connection to the NE Tillamook Neighborhood Greenway and NE 7th Ave Bikeway.

PROJECT ELEMENTS:

- █ NE 9th Ave Neighborhood Greenway
- █ Existing Neighborhood Greenway
- Major Crossing Improvement
- Marked Crossing
- █ Extended Center Median (Circulation Change)
-
- █ NE 7th Ave Bike Lane Connection
- █ Existing Bike Lanes

RECOMMENDED DESIGN

NE 9th Ave | NE Ainsworth St

The NE 9th Ave Neighborhood Greenway envisions a future extension of the NE Ainsworth linear arboretum across NE 9th Ave. This design would facilitate a safe, legible crossing for people walking and biking, as well as increase opportunities for additional green space and placemaking.



LONG-TERM RECOMMENDED DESIGN: NE 9TH AVE AT NE AINSWORTH ST

RECOMMENDED DESIGN

NE 7th Ave | NE Tillamook St

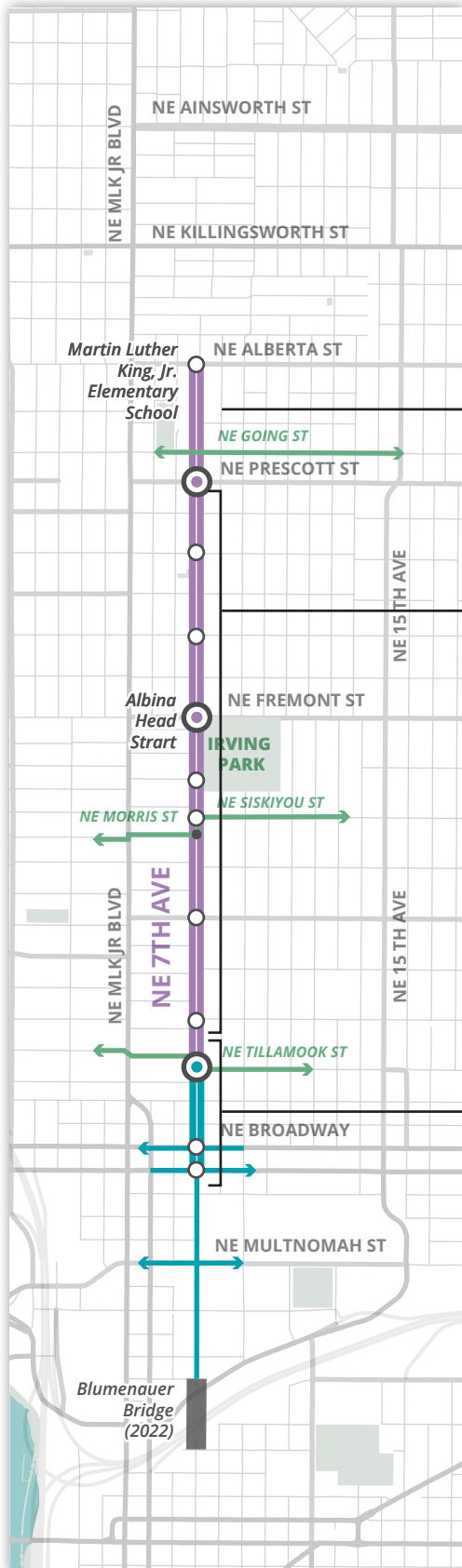
Connecting to the NE Tillamook Neighborhood Greenway and NE 7th Ave Bikeway are essential elements of this neighborhood greenway proposal. This concept recommends a design that separates vulnerable roadway users and reduces conflicts between cyclists and motorists at this busy offset intersection.



RECOMMENDED DESIGN: NE 7TH AVE AT NE TILLAMOOK ST

Safer 7th Ave

The full length of NE 7th Avenue will receive design changes to reduce conflict and improve safety, particularly where children and pedestrian activity is highest. No traffic pattern changes are proposed.



Focused traffic calming to improve safety near Martin Luther King Jr Elementary School

New speed bumps, marked crosswalks, pedestrian scale lighting, and centerline removal to help slow traffic and reduce conflict for people traveling along NE 7th Ave.

Improved, continuous buffered bike lane connection to NE 7th Ave Bikeway and the Blumenauer Bridge across I-84.

PROJECT ELEMENTS:

- NE 7th Ave Traffic Calming
- NE 7th Ave Bike Lane Connection
- Major Crossing Improvement
- Marked Crossing
-
- Existing Bike Lanes
- Existing Neighborhood Greenway

RECOMMENDED DESIGN

NE 7th Ave - NE Tillamook to NE Alberta Ave: The Safer 7th Ave project recommends a range of traffic calming tools to help reduce speeds and improve safety along NE 7th Ave. This includes treatments like speed bumps, high-visibility marked crosswalks, new lighting, accessibility improvements, and removal of the double-yellow centerline. Taken altogether, these changes will improve safety for all roadway users while maintaining access to important destinations.



RECOMMENDED DESIGN

NE 7th Ave | NE Tillamook to NE Weidler: As NE 7th Ave approaches the NE Broadway and intersects the well-used NE Tillamook Neighborhood Greenway, this project recommends creating separated buffered bike lane. This design facilitates an improved, safer connection to existing protected and buffered bike lanes in the Lloyd and improves access for people cycling to the upcoming Blumenauer Bridge across Sullivan's Gulch.





Implementation, Funding, & Future Opportunities

Following nearly two years of planning and outreach, **the NE 9th Ave Neighborhood Greenway and Safer 7th Ave projects will be implemented in multiple phases over the next several years.**

Some improvements such as speed bumps on NE 7th Ave and crossing improvements on NE 9th Ave have already been completed. Other elements will arrive in two primary phases, beginning in the summer of 2021. Previously allocated project funds total approximately \$1.5 million for construction. This is not enough to build all of the recommendation listed here, but it enough to get started on these two important, complementary projects. The project is funded primarily through the first round of voter-approved Fixing Our Streets projects as well as Transportation System Development Charges. Supplemental funding is being provided by ongoing program areas such as Safe Routes to School and our Neighborhood Greenways program. This project comes alongside other future related investments including an accessible path through or around Irving Park, a new bicycle-pedestrian bridge over I-84, safety and access improvements on NE MLK Jr Blvd, among others.



Fixing Our Streets

In Nov 2016, Portlanders voted to introduce a city-wide local gas tax to fund a range of safety and maintenance projects in Portland. One of the funding categories for this measure included funding for new projects to support walking and biking, including the Lloyd to Woodlawn Project.

Funding Available: \$550,000



Transportation System Development Charges

When new development is built in Portland, the developer pays Transportation System Development Charges (TSDC). The fee covers part of the cost of building transportation facilities to serve development—things like roads, sidewalks and other facilities that get people to where they need to go.

Funding Available: \$1,450,000



Neighborhood Greenway Program

Key elements to support bicycling on the souther section of NE 7th Ave and the northern section of NE 9th Ave are funded through ongoing programs such as the Neighborhood Greenway and Bicycle Network Completion program

Funding Available: \$175,000

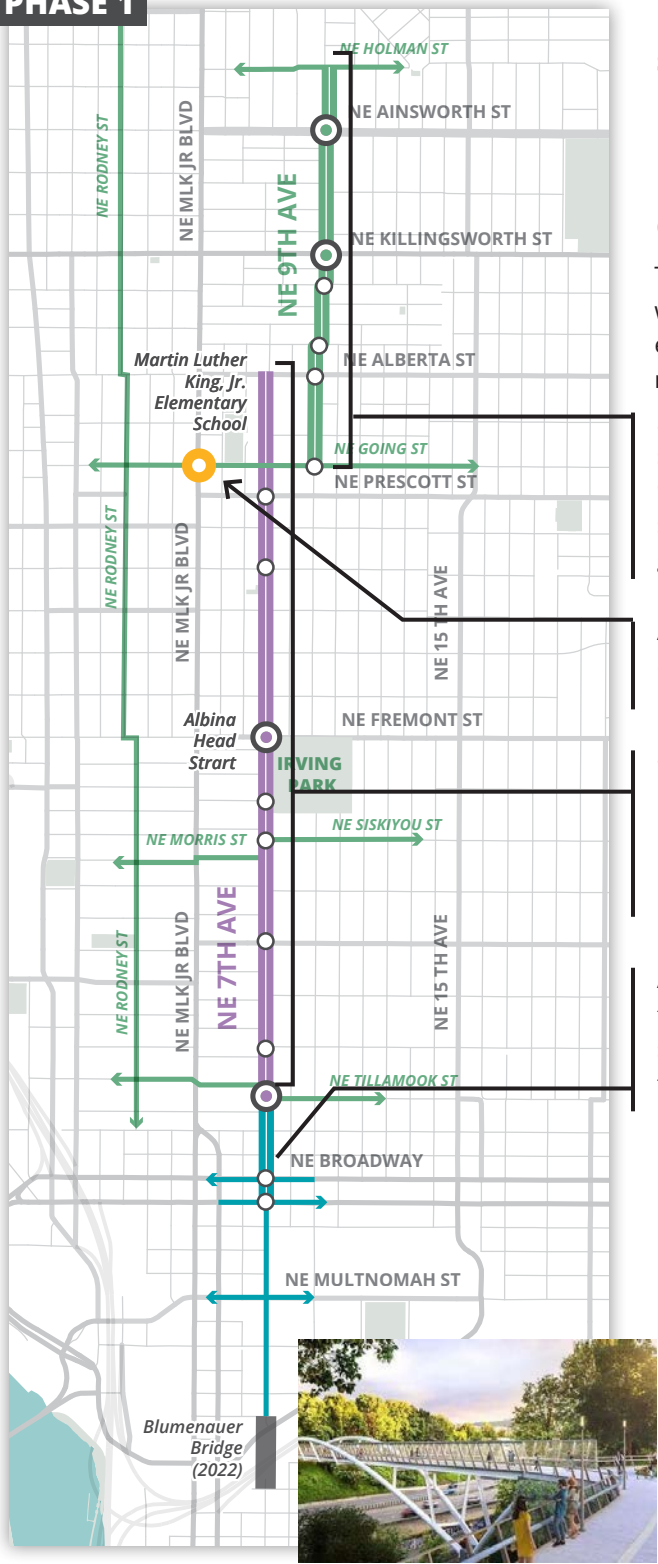


Safe Routes to School

Crossing improvements and traffic calming on NE 7th Ave were identified and funded through PBOT's Safe Routes to School Partnerships at Irvington and Martin Luther King Jr School. These improvements are included as a part of the Lloyd to Woodlawn plan.

Funding Available: \$45,000

PHASE 1



Phase 1 Implementation:

SUMMER 2021 - SUMMER 2022

Safer 7th Ave + NE 9th Ave Traffic Calming

(NE Going St to NE Holman St)

The first phase of the Lloyd to Woodlawn project will prioritize the Safer 7th Ave project and build key elements of the northernmost leg of the NE 9th Ave neighborhood greenway.

Speed bumps and enhanced crossings will improve safety and reduce speeding on this section of NE 9th Ave. Future phases will add wayfinding and shared lane markings to complete the neighborhood greenway connection.

A new, Safe Routes to School funded signalized crossing at NE Going St and NE MLK Jr Blvd will be built in early 2022.

Traffic calming, centerline removal, and speed bumps on NE 7th Ave, with added on-street parking near Martin Luther King Jr Elementary School. New enhanced crossings with marked crosswalks and pedestrian-scale lighting.

An improved, wider protected bike lane connection from NE Tillamook to NE Weidler providing a low-stress connection into LLOYD and the Central City via the new Blumenauer Bridge over I-84.

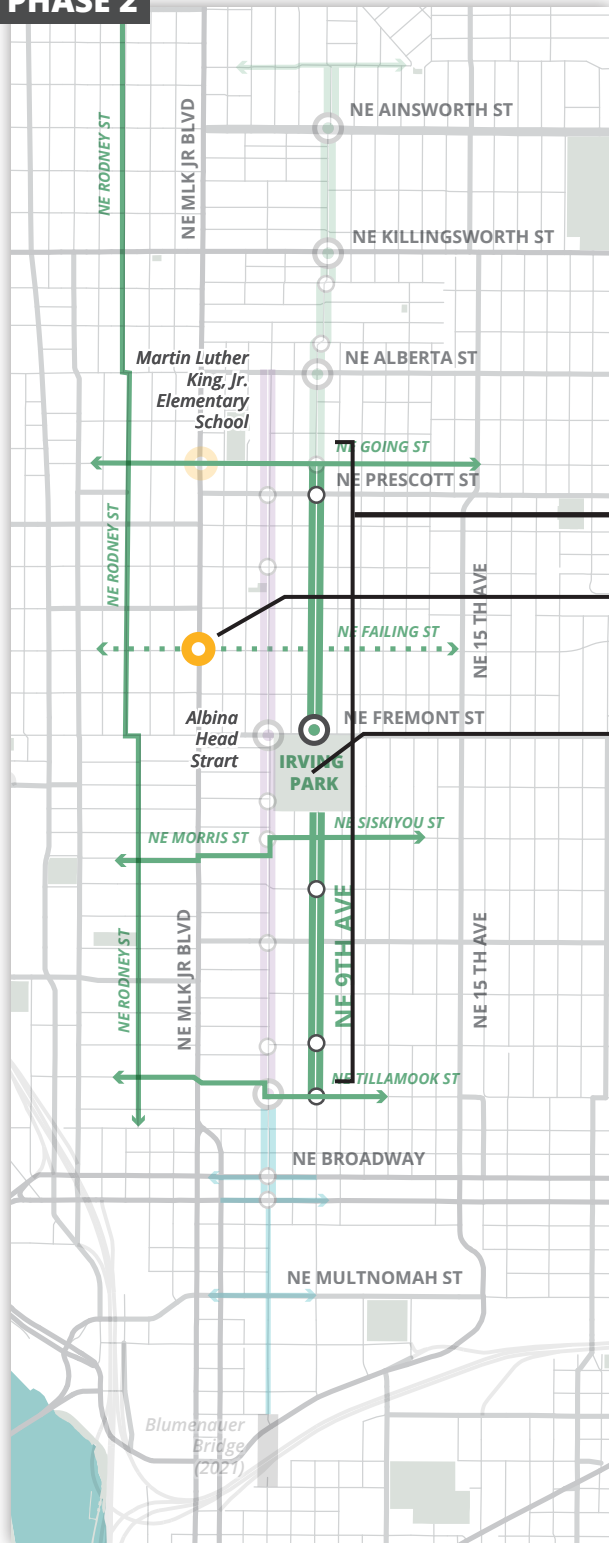
EARL BLUMENAUER BRIDGE OVER I-84
 The Blumenauer Bridge will be Portland’s newest walking and biking bridge, connecting across I-84 on NE 7th Avenue. By connecting the Lloyd and Kerns neighborhoods, the bridge will open up new connections between affordable housing, industrial jobs, and small business destinations. The Blumenauer Bridge is expected to open in Summer 2022.

PROJECT ELEMENTS:

- █ NE 9th Ave Neighborhood Greenway
- █ NE 7th Ave Traffic Calming
- █ NE 7th Ave Bike Lane Connection

- ⊙ Major Crossing Improvement
- Marked Crossing
- Existing Bike Lanes
- Existing Neighborhood Greenway

PHASE 2



Phase 2 Strategy:

UNDER DEVELOPMENT

Irving Park Path + NE 9th Ave Neighborhood Greenway

(NE Tillamook St to NE Going St)

If a feasible final design concept for a path through or around Irving Park path is agreed upon and funded, PBOT will complete the remaining segments of the NE 9th Ave neighborhood greenway providing a continuous, legible, low-stress experience.

Speed bumps, wayfinding signage, and enhanced crossings at busier streets on NE 9th Ave.

A new enhanced crossing is expected to be included at NE Failing St as part funded pedestrian safety project on NE MLK Jr Blvd expected in 2024-2025.

If feasible and funded, a fully accessible path through or around Irving Park would facilitate a direct route for all ages and abilities.

IRVING PARK PATH

If feasible, an accessible path through or around Irving Park would facilitate people walking, riding and rolling along the neighborhood greenway. Design challenges for an accessible path through this popular, developed park include tree and root impacts. Potential options may include a new path connection through or around the park, or adjustments to existing paths to better serve all users. PBOT will conduct a technical feasibility analysis of all design options for the ability to improve accessibility, to serve family-friendly bicycle use, and to minimize conflicts with other park uses and users. PBOT will collaborate with Portland Parks & Recreation on a technical feasibility study in the hopes of identifying mutually agreeable alignment alternatives prior to broader community engagement.

PROJECT ELEMENTS:

- █ NE 9th Ave Neighborhood Greenway
- █ NE 7th Ave Traffic Calming
- █ NE 7th Ave Bike Lane Connection

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