SR 167 Master Plan
A planning and environmental linkage study

Policy Advisory Committee
February 2, 2022

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MANAGEMENT OF MOBILITY DIRECTOR
PLANNING MANAGER
SR 167 PROJECT MANAGER
Agenda and objectives

Objectives:
• Finalize study area
• Finalize purpose and need
• Review evaluation framework

Agenda:
• Community engagement update
• Study area update
• Review purpose and need
• Review evaluation framework
• Next steps
The planning steps

- **Phase 1:** Study planning  
  Oct – Nov 2021
- **Phase 2:** Existing and future conditions  
  Dec 2021 – Feb 2022
- **Phase 3:** Develop and screen strategies  
  Jan – Mar 2022
- **Phase 4:** Develop and evaluate multimodal scenarios  
  Apr – Oct 2022
- **Phase 5:** Final report  
  Nov 2022 – Feb 2023

Community and partner engagement
### Partner meeting schedule

<table>
<thead>
<tr>
<th>Meeting 1</th>
<th>November</th>
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<tbody>
<tr>
<td>• Review and discuss committee roles and responsibilities</td>
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<tr>
<td>• Draft purpose and need</td>
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<tr>
<td>• Study area approach</td>
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<td>• Draft evaluation criteria</td>
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<thead>
<tr>
<th>Meeting 2</th>
<th>January/February</th>
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<tr>
<td>• Final purpose and need</td>
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<td>• Final evaluation framework</td>
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<td>• Initial project list</td>
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<thead>
<tr>
<th>Meeting 3</th>
<th>March</th>
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<tbody>
<tr>
<td>• Define scenario principles</td>
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<tr>
<td>• Review and discuss screened projects/strategies</td>
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<thead>
<tr>
<th>Meeting 4</th>
<th>June</th>
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<tbody>
<tr>
<td>• Review and discuss scenario alternatives</td>
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<td>• Review and discuss scenario analysis</td>
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<tr>
<th>Meeting 5</th>
<th>September</th>
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<tr>
<td>• Present refined scenarios</td>
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<tr>
<th>Meeting 6</th>
<th>November</th>
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<tr>
<td>• Provide recommended solution</td>
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<tr>
<th>Meeting 7</th>
<th>January</th>
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<tr>
<td>• Review plan highlights</td>
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<tr>
<td>• Executive Summary</td>
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<td>• Next steps</td>
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Community engagement
SR 167 Master Plan - Partner and Community Engagement

Community engagement

- CBO and community briefings
- In-language and online engagement
- Community forum/pop-up events
- Online survey, co-creation workshop

Legislature/Governor

WSDOT oversight committee

Equity Advisory Committee

Technical Advisory Committee

Policy Advisory Committee

Planning and Environmental Linkages Environment Resource Agencies

Muckleshoot Indian Tribe

Puyallup Tribe of Indians
 Engagement six month look ahead

Community engagement
• Publish study website – January
• Launch online open house – March
• In-person open house/online town hall – April
• Co-creation workshops – June – August

Partner engagement
• Policy Advisory Committee Meeting #2 – February 2
• Equity Advisory Committee Meeting – February
• Technical Advisory Committee Meeting #3 – March
• Policy Advisory Committee Meeting #3 – March/April
• Ongoing briefings

Engagement by the numbers
• 12 CBO listening sessions
• 2 local jurisdiction meetings
• 2 freight partner meetings
• 2 transit partner meetings
• 1 Puyallup Tribe of Indians listening session
• 1 business community meeting including 5 chambers of commerce
• Over 40 organizations engaged
What we heard – community-based organizations

• Better transit access and safety
  o Current transit options do not serve Black, Indigenous, and People of Color and low-income community members.
  o More direct routes with less commuting time.
  o Better access to the second bus/shuttle riders need between their homes and the main bus routes along the corridor.
  o Many riders rely on family/friends for a ride to the main route.
  o Getting to the corridor bus stops is a barrier.
  o More access to on-call shuttle vans/buses that are operated by transportation agencies, such as Metro.
  o More east-west bus access and connections

• Provide accessible information
  o Resources are not always translated in the spoken language or are partially translated.
  o Many CBOs say their members, especially seniors, do not use the latest technology (smart phones) or have access to internet.

• Community needs go beyond transportation
  o People’s basic needs are not being met
  o Many people lack internet at home

• Prioritize CBO engagement
  o CBOs are trusted resources with cultural significance and are central to the community.

CBO input from:
• Center for Independence
• Asian Counseling & Referral Service
• IDIC Filipino Senior & Family Services
• Somali Community Services of Seattle
• Tilth Alliance
• Renton Inclusion Task Force
• Forever Green Trails
• Futurewise
• Atlantic Street Center
• Low Income Housing Institute
• Sea Mar Community Health Centers
Due to gentrification, the people that we support are moving further and further south - Renton, Kent, Federal Way, and even much further south to Spanaway.
- Atlantic Street Center

The public transportation piece is the biggest issue for our residents.
- Low Income Housing Institute

Serving the most people does not always mean serving the most vulnerable people.
- Asian Counseling and Referral Service

We have people who take the bus to the Somali Community Services of Seattle from Kent— it’s a one-to-two-hour commute. It is really challenging to commute.
- Somali Community Services of Seattle

Local transportation access is a challenge.
There is a need to improve accessibility surrounding the transit stations, including improved pathways.
- Center for Independence

It is hard for the elderly to get around to do their errands and accomplish their needs. Some members will carpool together.
- Filipino Senior & Family Services

Access to restrooms on public transit is a public health issue, people taking 2-3 routes at a time without access to a restroom.
- Renton Inclusion Task Force
Elevating equity – our approach

Phase 1: Study planning
Oct – Nov 2021

Step 1: Listen
• Listening Sessions with CBOs

Phase 2: Existing and future conditions
Dec 2021 – Feb 2022

Step 2: Data exploration
• Demographic, Health Disparities, Mobility Patterns, etc.
• Community engagement plan

Phase 3: Develop and screen strategies
Jan – Mar 2022

Step 3: Refine Insights
• Engage Equity Advisory Committee

Phase 4: Develop and evaluate multimodal scenarios
Apr – Oct 2022

Step 4: Co-create
• Collaborate with priority communities to refine solutions
• Engage Equity Advisory Committee

Step 5: Evaluation
• Evaluate scenarios on equity metrics
• Engage Equity Advisory Committee

Phase 5: Final report
Nov 2022 – Feb 2023

Step 6: Recommendations
• Final solution prioritizes equity
• Engage Equity Advisory Committee
Study area update
Updates from the sandbox
SR 167 Final Study Area
Review purpose and need
Our process: vision to metrics

- Vision
- Goals supported by Needs
- Metrics

Partner & Community Feedback
What is the SR 167 Master Plan draft vision:
People who depend on SR 167 to commute, transport goods, and get to
where they need to go can count on a safe, connected and reliable
multimodal corridor. The variety of travel options available in the corridor will
support the regional growth strategy, accommodate freight movement, while
serving the communities whose needs are the greatest and reduce
greenhouse gas emissions.
Master Plan Purpose: Updated Vision

What is the 167 Master Plan vision:
The SR 167 Master Plan will identify near-, medium-, and long-term solutions intended to facilitate the movement of both people that travel on and across SR 167 for work, school, other essential and non-essential trips, and goods that support economic vitality. Travel along and across the SR 167 corridor will be safe, connected, resilient, and reliable. The SR 167 Master Plan will strive for practical solutions to
(a) prioritize the needs of vulnerable and overburdened communities,
(b) reduce physical barriers of the current system,
(c) support the Puget Sound Regional Council (PSRC) Regional Growth Strategy,
(d) facilitate transit and active transportation,
(e) support projected growth and land-use changes,
(f) accommodate freight movement, and
(g) reduce greenhouse gas emissions.
What are the 167 Master Plan draft goals:

- Improve future safety conditions
- Make the most of existing infrastructure focusing on state of good repair and technology advancements
- Manage mobility for local and regional trips, including freight/goods movement
- Transform how people and goods travel to support the Regional Growth Strategy through multimodal and multiagency investments; remove barriers across the corridor
- Provide a range of transportation options that address the needs of those whose needs are greatest and reduce greenhouse gas emissions
- Identify strategies that are practical, implementable, and fundable in a realistic timeline
Master Plan Purpose: Updated Goals (1/24)

What are the 167 Master Plan draft goals:

- **Equity**: Provide a range of transportation options that address the needs of vulnerable and overburdened communities.

- **Safety**: Improve existing and future safety conditions.

- **Environment**: Provide for improvements that reduce greenhouse gas emissions and limit environmental impacts.

- **Multimodal**: Transform how people and goods travel in support of the Regional Growth Strategy, focusing on Regional Growth Centers, Manufacturing and Industrial Centers and Countywide Centers through multimodal and multiagency investments, while reducing single occupancy vehicle demand and removing barriers for all modes that limit local connectivity across the corridor.

- **Mobility & Economic Vitality**: Manage mobility for local, regional, state, and inter-state trips, leveraging technology advancements, supporting economic vitality, and considering the unique needs of all travelers and modes, including freight/goods movement, active transportation, and transit.

- **Practical Solutions & State of Good Repair**: Identify strategies that are practical, implementable, and fundable in a realistic timeline considering the importance of maintaining a State of Good Repair throughout facility lifecycle.
Evaluation framework
<table>
<thead>
<tr>
<th>Goal</th>
<th>How Criteria Relate to Master Plan</th>
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<tbody>
<tr>
<td>Improve Safety</td>
<td>Identifying how different potential strategies align with historic traffic safety issues</td>
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<tr>
<td>Manage Existing Infrastructure</td>
<td>Move more people in on existing infrastructure, with less energy, and fewer GHG emissions</td>
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<tr>
<td>Manage Mobility (Roadway)</td>
<td>Evaluate how peak period traffic congestion changes over time and with different strategies</td>
</tr>
<tr>
<td>Transform Travel (Multimodal Performance)</td>
<td>Performance indicators for transit, pedestrian, bicycle, and freight modes in terms of user experience and access to major destinations</td>
</tr>
<tr>
<td>Equitable Access</td>
<td>Evaluate access by different modes relative to where transportation burdened populations live and work</td>
</tr>
<tr>
<td>Environmental Impacts</td>
<td>Environmental impacts and benefits of potential strategies</td>
</tr>
<tr>
<td>Practical, Implementable, Fundable</td>
<td>Basis for cost effectiveness evaluation</td>
</tr>
<tr>
<td>Goal</td>
<td>How Metrics Relate to Master Plan</td>
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<td>Equity</td>
<td>Evaluate access by different modes relative to where overburdened populations live and work</td>
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<td>Identify how different potential strategies align with historic traffic safety issues</td>
</tr>
<tr>
<td>Environment</td>
<td>Evaluate the environmental impacts and benefits of potential strategies</td>
</tr>
<tr>
<td>Multimodal</td>
<td>Improve mobility for key modes and users (like freight and equity priority populations), by reducing the barriers caused by SR 167, improving route and mode choice within the study area, and improving the quality of service and reliability of travel along SR 167</td>
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<tr>
<td>Mobility &amp; Economic Vitality</td>
<td>Make travel on the SR 167 freeway and surrounding arterials more efficient by leveraging technology to manage demand for travel at peak times, recognize the needs of modes like freight and transit, limit negative effects to city and county arterials, all while reducing energy use and greenhouse gas emissions</td>
</tr>
<tr>
<td>Practical Solutions &amp; State of Good Repair</td>
<td>Evaluate the cost effectiveness of achieving the other Master Plan goals including considerations for implementing a system that is affordable to maintain over time</td>
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SR 167 Master Plan Schedule

Phase 1: Study planning
Oct – Nov 2021

Phase 2: Existing and future conditions
Dec 2021 – Feb 2022

Phase 3: Develop and screen strategies
Jan – Mar 2022

Phase 4: Develop and evaluate multimodal scenarios
Apr – Oct 2022

Phase 5: Final report
Nov 2022 – Feb 2023

Community and partner engagement

Phase 3: Screening and qualitative evaluation
Phase 4: Quantitative evaluation of scenarios
Initial Project/Strategy List

Review Published Plans
• Comprehensive Plans
• Transportation Master Plans
• Long Range Plans
• Transportation Improvement Program Plans
• Capital Improvement Program Plans

First Level Screening
• Project/strategy must be within the study area boundary
• Project/strategy has the potential for improving mobility along the SR 167 corridor – a qualitative assessment
Phase 3: Develop and Screen Strategies

January

Initial Project/Strategy List

Partner Feedback on Screened Initial Project List

Screening #1

TAC/PAC #2

February

Refine Project/Strategy List

Screening #2
(Qualitatively rating strategies/projects against the goals/metrics)

TAC/PAC #3

March

Partner Feedback on Scenario Principles

Scenario Principles

TAC/PAC #3

January

Initial Project/Strategy List

Partner Feedback on Screened Initial Project List

Screening #1

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TAC/PAC #3

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Partner Feedback on Scenario Principles

Scenario Principles

TAC/PAC #3
Working with your staff...

Provide Input on the Project/Strategy List – February 11
• Cities, Counties, Transit Agencies:
  • Weigh in on the project/strategy list
  • Correct descriptions/remove outdated projects/strategies
• All partners:
  • Suggest new projects/strategies that could strongly benefit mobility in the SR 167 corridor
  • Share thoughts about priority projects/strategies for your agencies/customers/constituents

Ongoing engagement with staff
Partner meeting schedule

Meeting 1
November
- Review and discuss committee roles and responsibilities
- Draft purpose and need
- Study area approach
- Draft evaluation criteria

Meeting 2
January/February
- Final purpose and need
- Final evaluation framework
- Initial project list

Meeting 3
March
- Define scenario principles
- Review and discuss screened projects/strategies

Meeting 4
June
- Review and discuss scenario alternatives
- Review and discuss scenario analysis

Meeting 5
September
- Present refined scenarios

Meeting 6
November
- Provide recommended solution

Meeting 7
January
- Review plan highlights
- Executive Summary
- Next steps
Next Steps

- **Engagement**
  - Begin planning for online open house
  - Begin planning first Equity Advisory Committee (EAC) meeting

- **Technical Work**
  - Draft existing conditions report
  - Update preliminary purpose and need
  - 2030 and 2050 travel model development and application
  - Update initial screened project/strategy list and Screening #2

- **Upcoming Request for Partner Feedback:**
  - **Preliminary Purpose and Need (Emailed):** Request Feedback by Friday, Jan. 28
  - **Screened Initial Project List:** Request Response by Friday, Feb. 11
  - **Existing Conditions Report:** Request for Feedback anticipated in early March
  - **Scenario Principles:** Request for Feedback anticipated in early March
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