



# WTP2035

WASHINGTON TRANSPORTATION PLAN

CONNECTING WASHINGTON COMMUNITIES  
FOR A HEALTHY AND PROSPEROUS FUTURE

# WTP 2035 Strategies and Actions

Briefing For the Washington State Transportation  
Commission

June 16, 2014



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# Agenda

1. Status Report on Current Activities
  - WTP 2035 Vision Statement
  - Stakeholder Outreach & Engagement
    - Advisory Group Meetings
    - Stakeholder Roundtables
  - Interim Deliverables Progress
    - Vision & Goals
    - Needs Assessment
    - Strategies & Actions
  - Draft of WTP 2035
2. New Strategies & Actions for WTP 2035
3. Discussion & Questions
4. Project Schedule

# WTP 2035 Draft Vision Statement

“By 2035, Washington’s transportation system safely connects people and communities, fostering commerce, operating seamlessly across boundaries, and providing travel options to achieve an environmentally and financially sustainable system.”

# Stakeholder Outreach & Engagement

- Stakeholder Roundtables in April
  - Seattle, Spokane, Vancouver and Yakima
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  - Tribal Transportation Planning Organization
  - Transportation Choices
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  - State Association of County Engineers
  - PSRC Freight Roundtable
  - Ferry Advisory Committees Executive Committee
- Project Website: [WTP2035.com](http://WTP2035.com)

# Interim Deliverables Completed

- Vision & Goals Update
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  - Establishes emerging themes from research and outreach
- Needs Assessment
  - Summary of data from local governments, stakeholders, MPO/RTPOs, WSDOT and other state agencies
  - Trends on travel behavior and revenue since WTP 2030
- Strategies & Actions White Paper
  - Identifies opportunities to respond to changing socioeconomic and demographic trends and priorities
  - Identifies draft new strategies and actions for WTP 2035



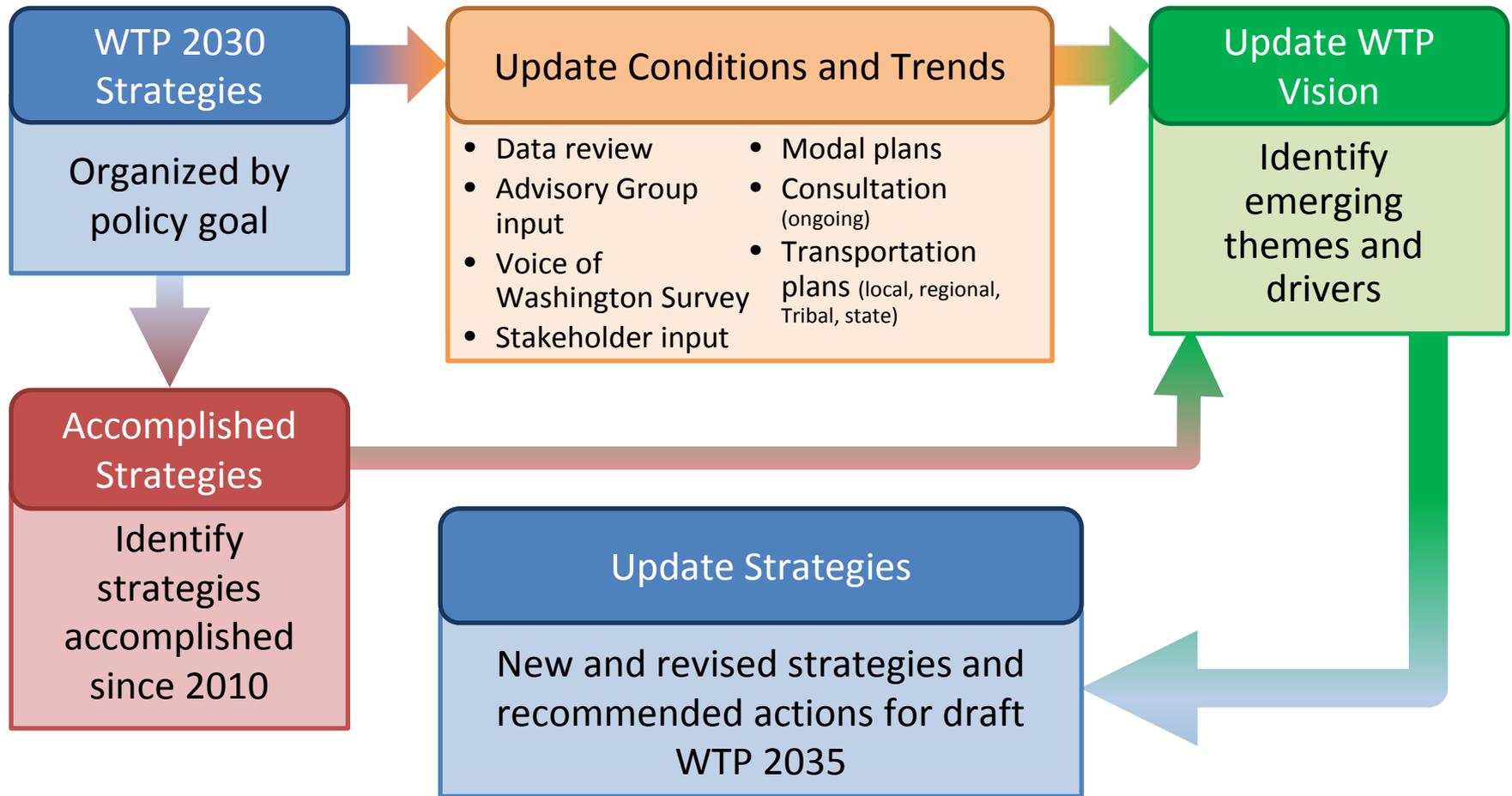
# WTP2035

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# Draft Strategies and Actions

# Developing the WTP 2035 Strategies



# Nine Emerging Strategies to Update the WTP 2035

1. Improve system safety & security
2. Strengthen economy through mobility
3. Provide for interconnectivity of regions & modes
4. Support inclusive, equitable planning
5. Support environmental sustainability
6. Develop sustainable funding strategies
7. Integrate with & support other state policies
8. Accommodate changing demographics & preferences
9. Encourage adoption of innovative technology



# WTP2035

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# 1. Improve System Safety & Security

# 1. Improved Safety & Security

## **ENACT CHANGES TO IMPROVE ROAD SAFETY**

Strengthen intermediate driver's license laws to reduce young driver collisions.

Increase high-visibility enforcement campaigns and targeted rumble strip programs to reduce distracted-driver collisions.

# 1. Improved Safety & Security

## **INVEST IN RAIL SAFETY MEASURES**

Continue to invest in grade separations and rail crossing safety measures in congested corridors.

# 1. Improved Safety & Security

## **INVEST IN DISASTER PREPAREDNESS**

Proactively anticipate and mitigate or eliminate conditions that worsen the risk or outcome of future natural and man-made disasters, through vulnerability and risk assessments of existing infrastructure.

Develop networks of redundant or alternate routes to maintain mobility in key commerce corridors in cases of disaster.



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## 2. Strengthen Economy Through Mobility

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### **INVEST IN CONGESTION MITIGATION**

Invest in strategies to mitigate the negative impacts of congestion on the economy, the environment, and human health, including travel demand management and transportation system management and operations.

## 2. Strengthen Economy Through Mobility

### INVEST IN AVIATION

Consider focusing more state resources toward strategic aviation system improvements, to leverage the value of the aerospace industry and commercial travel to the state's economy.

## 2. Strengthen Economy Through Mobility

### **PROTECT OR IMPROVE SERVICE TO SMALLER AIRPORTS**

The WSDOT Aviation Division should work with commercial airline companies to secure longer term commitments for service to smaller primary commercial service airports.

## 2. Strengthen Economy Through Mobility

### **PROMOTE FREIGHT “LAST MILE” CONNECTIVITY**

Promote strategies that address the "last mile" of freight connectivity, including prioritizing key connections from the National Highway System to ports, freight terminals and airports.

Explore new ways to minimize the impact of goods movement on local communities, through load consolidation, delivery time regulations, and urban distribution centers.



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## 3. Provide for Interconnectivity of Regions & Modes

# 3. Jurisdictional & Modal Interconnectivity

## **INTEGRATE MODAL PLANNING EFFORTS**

Seek alternatives to traditional modal silos at state and regional transportation planning agencies to accommodate new modes which may not fit with existing modal definitions, such as bus rapid transit and electric bikes, and promote intermodal transportation connections and communications that allow for easier trip chaining.

# 3. Jurisdictional & Modal Interconnectivity

## **FACILITATE CONNECTIONS BETWEEN REGIONS**

Define the role of the state in facilitating improved connections between regions for both freight and passenger modes.

# 3. Jurisdictional & Modal Interconnectivity

## **PROVIDE MOBILITY FOR ALL USERS**

Provide travel options for all users, by prioritizing "complete streets" projects and optimizing low-cost modes for first/last mile connections to transit.



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## 4. Support Inclusive, Equitable Planning

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## **SUPPORT SPECIAL NEEDS POPULATIONS**

Engage lower income, immigrant, and youth populations in the transportation planning process to better understand their unique needs and constraints.

Ensure the needs of transit-dependent populations are adequately met and protected from transit service cuts.

# 4. Support Inclusive, Equitable Planning

## **ENSURE RELEVANCE OF STATE PLANNING GOALS**

Ensure that statewide transportation planning adequately meets the needs of local jurisdictions, by coordinating with regional and local plans.

# 4. Support Inclusive, Equitable Planning

## **COORDINATE WITH TRIBAL GOVERNMENTS**

Encourage regional transportation planning agencies to engage with Tribal Councils and support plans for increasing access, mobility, and safety on Tribal lands.

# 4. Support Inclusive, Equitable Planning

## IMPROVE RURAL ACCESS TO SERVICES

Identify most vulnerable populations in rural areas not well served by public transportation and work with transit and human services providers to improve access to essential medical and social services.

# 4. Support Inclusive, Equitable Planning

## **ACCOMMODATE AGRICULTURAL MOBILITY**

Support rural jurisdictions in local actions to accommodate agricultural mobility, such as implementing all-weather county road networks with connections to the interstate system.



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## 5. Support Environmental Sustainability

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## **ACCELERATE CLEAN TRANSPORTATION OPTIONS**

Evaluate a full spectrum of policies to reduce transportation GHG emissions through vehicle and fuel technology, system management and operations, land use, transportation options, and pricing strategies.

Identify both near- and long-term actions appropriate for implementation at both state and regional levels.

# 5. Support Environmental sustainability

## **MINIMIZE IMPACT ON HABITATS & RESOURCES**

Eliminate or improve culverts and other transportation infrastructure barriers to fish and wildlife migration and to improve habitat access.



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## 6. Develop Sustainable Funding Strategies

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## ARTICULATE A STATE FUNDING STRATEGY

Develop a statewide strategy for funding transportation that articulates the economic and social benefits of the transportation system, more clearly defines the role of state in funding non-highway modes, and provides funding options that are flexible and equitable, balancing user-pay with ability-to-pay approaches.

# 6. Develop Sustainable Funding Strategies

## IDENTIFY NEW FUNDING OPPORTUNITIES

Explore funding opportunities that are not affected by decreases in motor fuel consumption, including further expansion of toll roads and high occupancy toll lanes, congestion pricing strategies, employee-funded transportation options, road usage charges, and joint development or value-capture strategies.

# 6. Develop Sustainable Funding Strategies

## **ENSURE A SUSTAINABLE FUNDING APPROACH**

Design new funding strategies to keep pace with growth, so that total transportation funding grows as freight volumes, transit ridership, and total population continue to grow.

# 6. Develop Sustainable Funding Strategies

## UTILIZE PERFORMANCE-BASED PLANNING

Utilize performance-based transportation planning, with clearly defined goals, to ensure accountability for investment of revenues.

# 6. Develop Sustainable Funding Strategies

## MONITOR PROGRESS OF WTP 2035

Produce biennial report to the legislature on implementation status of WTP 2035 strategies, noting the degree to which both state and regional programming documents support WTP Policy Goals and Strategies.

# 6. Develop Sustainable Funding Strategies

## FOCUS ON COST-EFFECTIVE IMPROVEMENTS

Apply practical design concepts and operational and system management strategies to ensure that transportation improvements are cost-effective and appropriate for the situation.



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## 7. Integrate With & Support Other State Policies

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## **SUPPORT STATE LAND USE POLICY GOALS**

Promote transportation investments that align with state land use policies such as the Growth Management Act, including supporting local efforts to reduce sprawl, encourage development in urban areas, and provide more multimodal transportation options.

# 7. Integrate With Other State Policies

## **SUPPORT STATE PUBLIC HEALTH POLICY GOALS**

Include representatives from the public health field in transportation planning to ensure direct and indirect health impacts are considered in transportation investment prioritization, and to provide greater connectivity to health services, more consideration of Human Service Plans in transportation planning, and encouragement of increased physical activity.

# 7. Integrate With Other State Policies

## **SUPPORT ECONOMIC DEVELOPMENT GOALS**

Target transportation investments to support economic development in identified opportunity zones, industry clusters, etc.

# 7. Integrate With Other State Policies

## **SUPPORT STATE HOUSING & TRANSIT-ORIENTED DEVELOPMENT POLICY GOALS**

Promote transit oriented development through policies and incentives for market-rate and affordable housing located near high-quality transit access points.



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# 8. Accommodate Changing Demographics & Preferences

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## **SUPPORT ALTERNATIVE MOBILITY OPTIONS**

Modify and adapt travel demand projection methodologies to more accurately reflect the factors that are causing current shift to alternative modes, non-motorized in particular, and to include the implications of such shifts in scenario planning or other regional planning exercises.

# 8. Accommodate Changing Demographics & Preferences

## **PROVIDE ACTIVE TRANSPORTATION OPTIONS**

Ensure that project prioritization process for the transportation improvement program includes objective project evaluation metrics that incorporate the costs and benefits of non-motorized travel. Plan and design bicycle and pedestrian facilities to accommodate future growth in these modes, address safety needs, and avoid future capacity constraints.

# 8. Accommodate Changing Demographics & Preferences

## ACCOMMODATE MOBILITY AND SAFETY NEEDS OF AGING POPULATION

Develop Coordinated Human Services Transportation Plans to meet baseline mobility needs of elderly population.

Track annual trends in 'Older Driver' crashes and implement additional mitigation actions as warranted



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## 9. Encourage Adoption of Innovative Technology

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## **FACILITATE ADOPTION OF NEW TECHNOLOGY**

Anticipate and plan for changes in technology that affect how people and goods are transported, such as autonomous vehicles, car-sharing, bike-sharing and mobile device applications that impact travel behavior and choices.



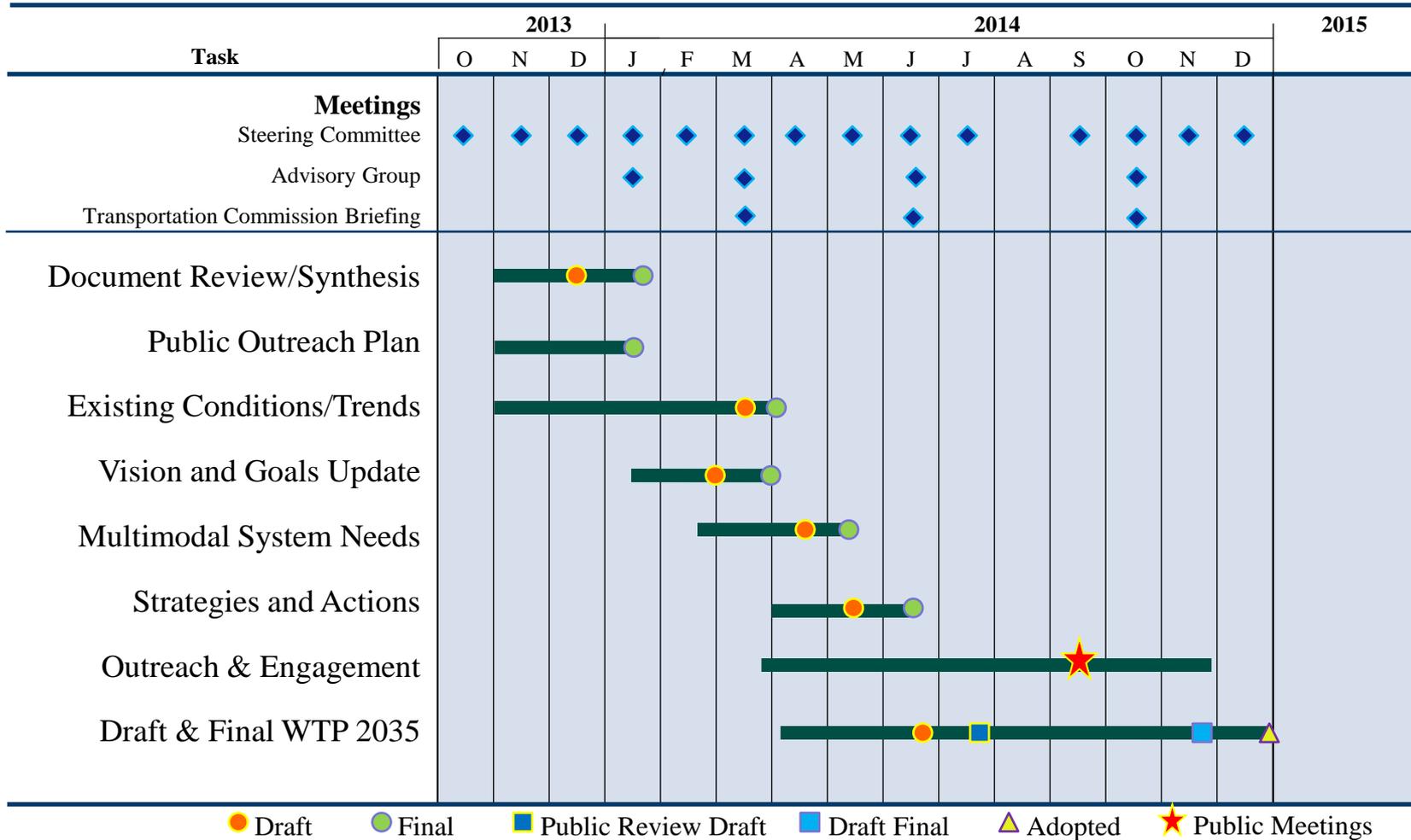
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## Q&A

# Project Schedule



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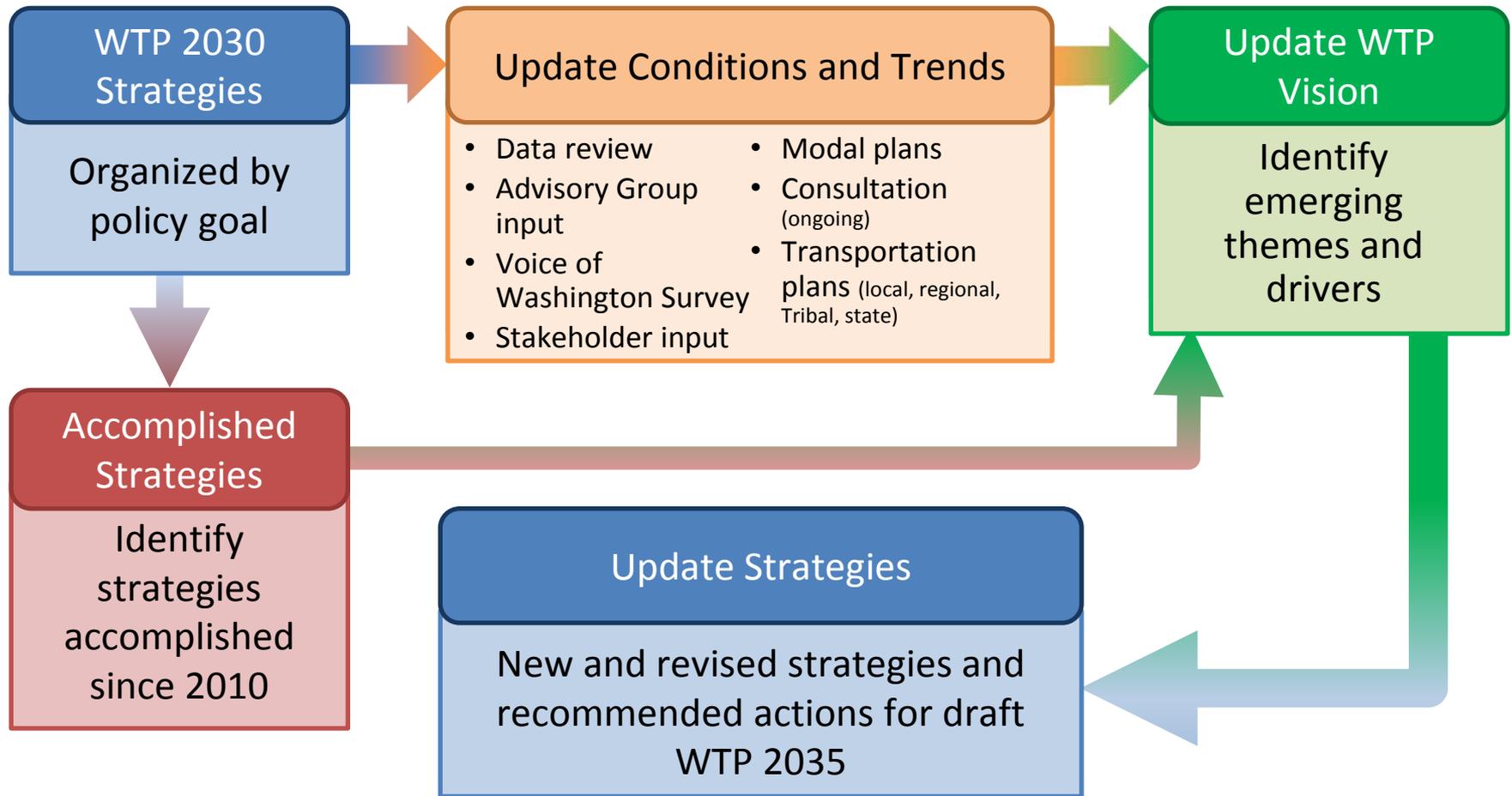
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# 3. Jurisdictional & Modal Interconnectivity

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## 9. Encourage Adoption of Innovative Technology

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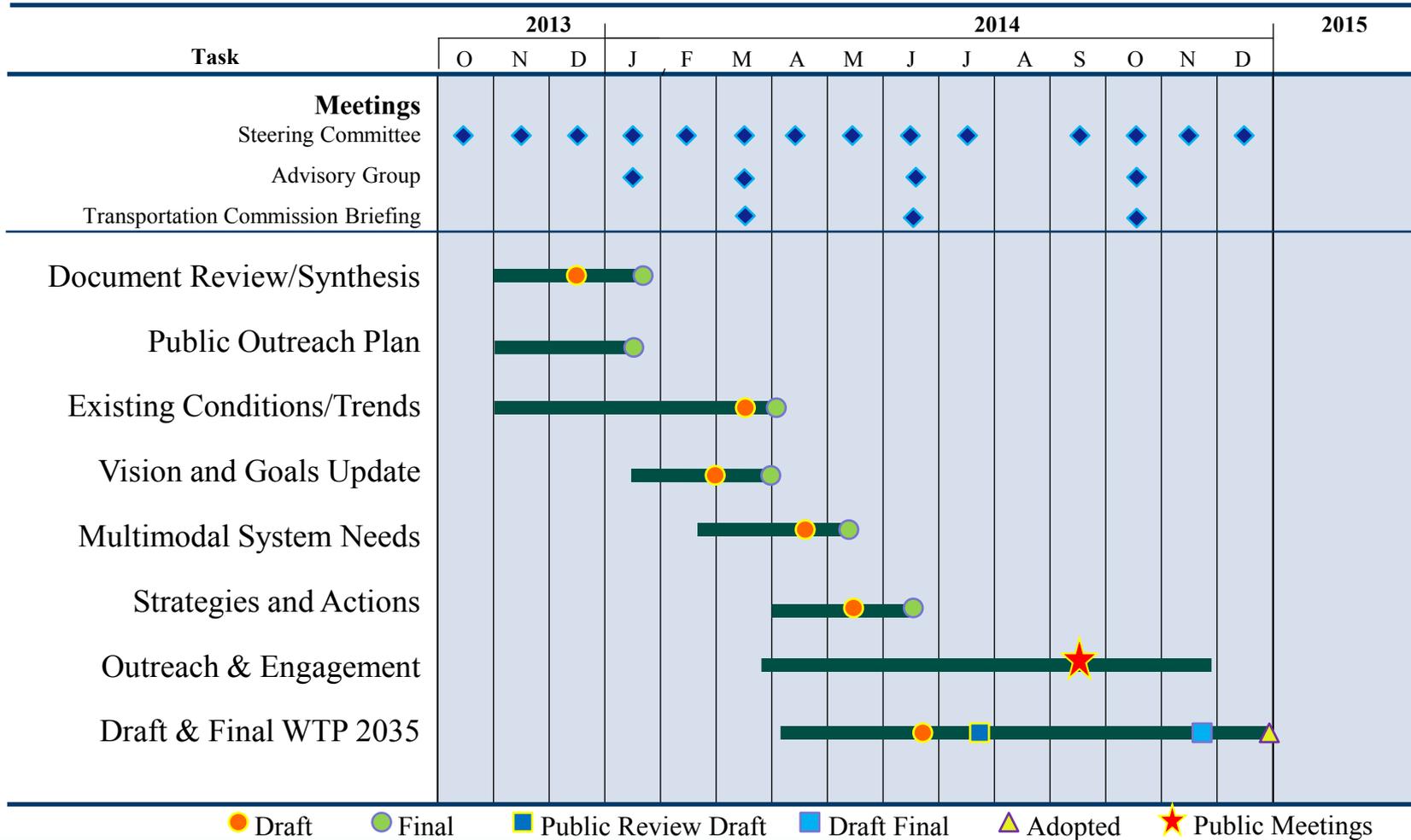
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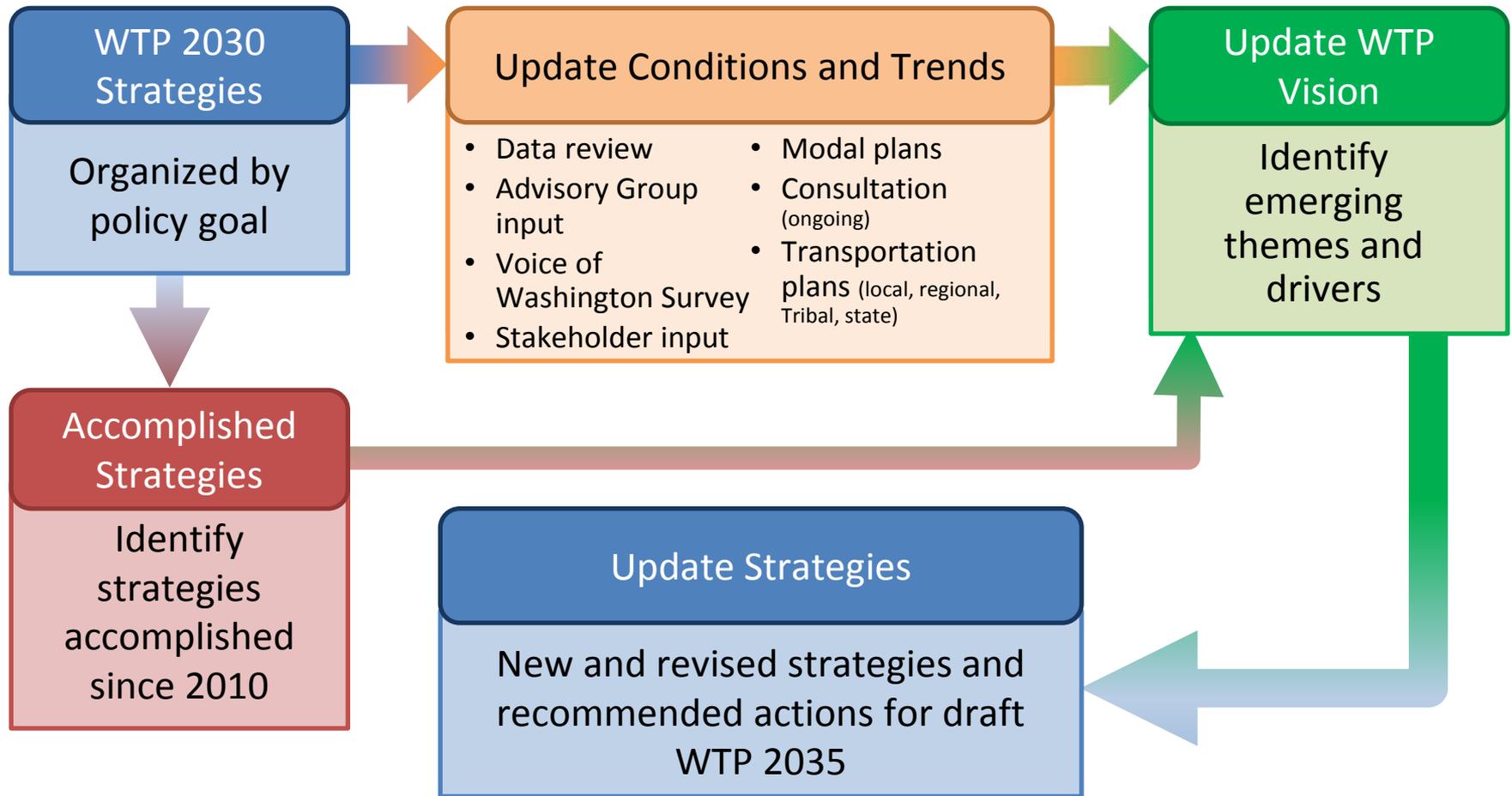
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# WTP2035

WASHINGTON TRANSPORTATION PLAN

CONNECTING WASHINGTON COMMUNITIES  
FOR A HEALTHY AND PROSPEROUS FUTURE

## 2. Strengthen Economy Through Mobility

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### **INVEST IN CONGESTION MITIGATION**

Invest in strategies to mitigate the negative impacts of congestion on the economy, the environment, and human health, including travel demand management and transportation system management and operations.

## 2. Strengthen Economy Through Mobility

### INVEST IN AVIATION

Consider focusing more state resources toward strategic aviation system improvements, to leverage the value of the aerospace industry and commercial travel to the state's economy.

## 2. Strengthen Economy Through Mobility

### **PROTECT OR IMPROVE SERVICE TO SMALLER AIRPORTS**

The WSDOT Aviation Division should work with commercial airline companies to secure longer term commitments for service to smaller primary commercial service airports.

## 2. Strengthen Economy Through Mobility

### **PROMOTE FREIGHT “LAST MILE” CONNECTIVITY**

Promote strategies that address the "last mile" of freight connectivity, including prioritizing key connections from the National Highway System to ports, freight terminals and airports.

Explore new ways to minimize the impact of goods movement on local communities, through load consolidation, delivery time regulations, and urban distribution centers.



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## 3. Provide for Interconnectivity of Regions & Modes

# 3. Jurisdictional & Modal Interconnectivity

## **INTEGRATE MODAL PLANNING EFFORTS**

Seek alternatives to traditional modal silos at state and regional transportation planning agencies to accommodate new modes which may not fit with existing modal definitions, such as bus rapid transit and electric bikes, and promote intermodal transportation connections and communications that allow for easier trip chaining.

# 3. Jurisdictional & Modal Interconnectivity

## **FACILITATE CONNECTIONS BETWEEN REGIONS**

Define the role of the state in facilitating improved connections between regions for both freight and passenger modes.

# 3. Jurisdictional & Modal Interconnectivity

## **PROVIDE MOBILITY FOR ALL USERS**

Provide travel options for all users, by prioritizing "complete streets" projects and optimizing low-cost modes for first/last mile connections to transit.



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## 4. Support Inclusive, Equitable Planning

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## **SUPPORT SPECIAL NEEDS POPULATIONS**

Engage lower income, immigrant, and youth populations in the transportation planning process to better understand their unique needs and constraints.

Ensure the needs of transit-dependent populations are adequately met and protected from transit service cuts.

# 4. Support Inclusive, Equitable Planning

## **ENSURE RELEVANCE OF STATE PLANNING GOALS**

Ensure that statewide transportation planning adequately meets the needs of local jurisdictions, by coordinating with regional and local plans.

# 4. Support Inclusive, Equitable Planning

## **COORDINATE WITH TRIBAL GOVERNMENTS**

Encourage regional transportation planning agencies to engage with Tribal Councils and support plans for increasing access, mobility, and safety on Tribal lands.

# 4. Support Inclusive, Equitable Planning

## IMPROVE RURAL ACCESS TO SERVICES

Identify most vulnerable populations in rural areas not well served by public transportation and work with transit and human services providers to improve access to essential medical and social services.

# 4. Support Inclusive, Equitable Planning

## **ACCOMMODATE AGRICULTURAL MOBILITY**

Support rural jurisdictions in local actions to accommodate agricultural mobility, such as implementing all-weather county road networks with connections to the interstate system.



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## 5. Support Environmental Sustainability

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## **ACCELERATE CLEAN TRANSPORTATION OPTIONS**

Evaluate a full spectrum of policies to reduce transportation GHG emissions through vehicle and fuel technology, system management and operations, land use, transportation options, and pricing strategies.

Identify both near- and long-term actions appropriate for implementation at both state and regional levels.

# 5. Support Environmental sustainability

## **MINIMIZE IMPACT ON HABITATS & RESOURCES**

Eliminate or improve culverts and other transportation infrastructure barriers to fish and wildlife migration and to improve habitat access.



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## 6. Develop Sustainable Funding Strategies

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## ARTICULATE A STATE FUNDING STRATEGY

Develop a statewide strategy for funding transportation that articulates the economic and social benefits of the transportation system, more clearly defines the role of state in funding non-highway modes, and provides funding options that are flexible and equitable, balancing user-pay with ability-to-pay approaches.

# 6. Develop Sustainable Funding Strategies

## IDENTIFY NEW FUNDING OPPORTUNITIES

Explore funding opportunities that are not affected by decreases in motor fuel consumption, including further expansion of toll roads and high occupancy toll lanes, congestion pricing strategies, employee-funded transportation options, road usage charges, and joint development or value-capture strategies.

# 6. Develop Sustainable Funding Strategies

## ENSURE A SUSTAINABLE FUNDING APPROACH

Design new funding strategies to keep pace with growth, so that total transportation funding grows as freight volumes, transit ridership, and total population continue to grow.

# 6. Develop Sustainable Funding Strategies

## UTILIZE PERFORMANCE-BASED PLANNING

Utilize performance-based transportation planning, with clearly defined goals, to ensure accountability for investment of revenues.

# 6. Develop Sustainable Funding Strategies

## MONITOR PROGRESS OF WTP 2035

Produce biennial report to the legislature on implementation status of WTP 2035 strategies, noting the degree to which both state and regional programming documents support WTP Policy Goals and Strategies.

# 6. Develop Sustainable Funding Strategies

## FOCUS ON COST-EFFECTIVE IMPROVEMENTS

Apply practical design concepts and operational and system management strategies to ensure that transportation improvements are cost-effective and appropriate for the situation.



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## 7. Integrate With & Support Other State Policies

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## **SUPPORT STATE LAND USE POLICY GOALS**

Promote transportation investments that align with state land use policies such as the Growth Management Act, including supporting local efforts to reduce sprawl, encourage development in urban areas, and provide more multimodal transportation options.

# 7. Integrate With Other State Policies

## **SUPPORT STATE PUBLIC HEALTH POLICY GOALS**

Include representatives from the public health field in transportation planning to ensure direct and indirect health impacts are considered in transportation investment prioritization, and to provide greater connectivity to health services, more consideration of Human Service Plans in transportation planning, and encouragement of increased physical activity.

# 7. Integrate With Other State Policies

## **SUPPORT ECONOMIC DEVELOPMENT GOALS**

Target transportation investments to support economic development in identified opportunity zones, industry clusters, etc.

# 7. Integrate With Other State Policies

## **SUPPORT STATE HOUSING & TRANSIT-ORIENTED DEVELOPMENT POLICY GOALS**

Promote transit oriented development through policies and incentives for market-rate and affordable housing located near high-quality transit access points.



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## 8. Accommodate Changing Demographics & Preferences

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## **SUPPORT ALTERNATIVE MOBILITY OPTIONS**

Modify and adapt travel demand projection methodologies to more accurately reflect the factors that are causing current shift to alternative modes, non-motorized in particular, and to include the implications of such shifts in scenario planning or other regional planning exercises.

# 8. Accommodate Changing Demographics & Preferences

## **PROVIDE ACTIVE TRANSPORTATION OPTIONS**

Ensure that project prioritization process for the transportation improvement program includes objective project evaluation metrics that incorporate the costs and benefits of non-motorized travel. Plan and design bicycle and pedestrian facilities to accommodate future growth in these modes, address safety needs, and avoid future capacity constraints.

# 8. Accommodate Changing Demographics & Preferences

## ACCOMMODATE MOBILITY AND SAFETY NEEDS OF AGING POPULATION

Develop Coordinated Human Services Transportation Plans to meet baseline mobility needs of elderly population.

Track annual trends in 'Older Driver' crashes and implement additional mitigation actions as warranted



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## 9. Encourage Adoption of Innovative Technology

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## **FACILITATE ADOPTION OF NEW TECHNOLOGY**

Anticipate and plan for changes in technology that affect how people and goods are transported, such as autonomous vehicles, car-sharing, bike-sharing and mobile device applications that impact travel behavior and choices.



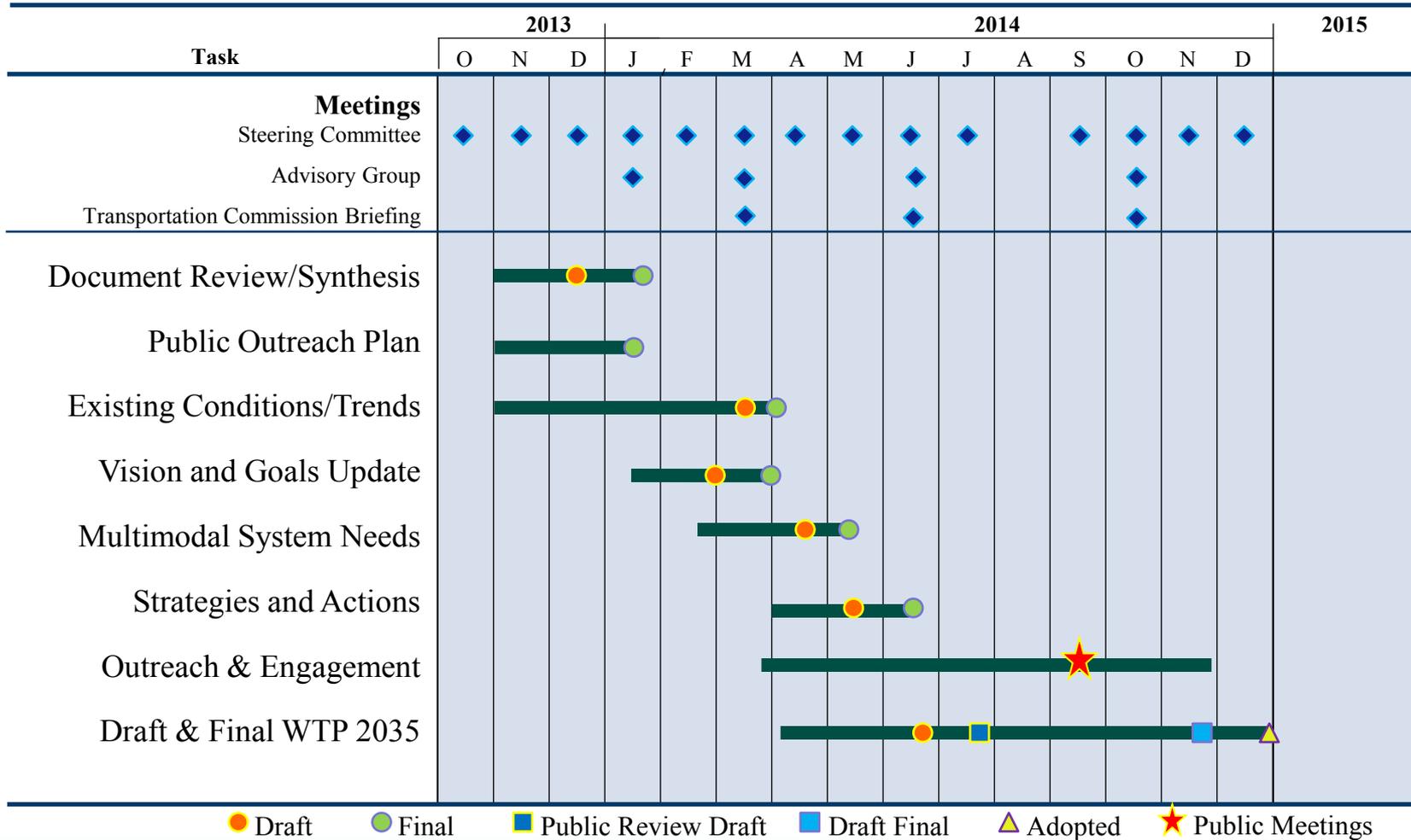
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## Q&A

# Project Schedule



# Upcoming Dates

- Mid-July Public Review Draft WTP 2035
- July - Sep Public Review Period
- October Advisory Group meeting #4
- October Briefing to Transportation Commission
- October Draft Final WTP 2035
- Nov - Dec Final Draft WTP 2035