



## Transportation & Public Works Meeting Agenda

Thursday, October 3, 2019  
5:30 PM to 6:30 PM  
SeaTac City Hall – Riverton Room

Councilmembers:  
Peter Kwon, Chair  
Rick Forschler  
Pam Fernald

A quorum of the Council may be present

Staff Coordinators: Will Appleton, Public Works Director; Florendo Cabudol, City Engineer;

TIME	TOPIC	PROCESS	WHO	TIME
1	Call to order		Chair	
2	Public Comment	Please raise your hand if you'd like to speak. Public comments are limited to 10 minutes total, 3 minutes per individual. Time may be reduced for each speaker in order to stay within the overall time limit.	Chair	5
3	Prior Minutes Approval	Approval of Sept. 5 and Sept. 19 Minutes	Chair	5
4	Port of Seattle Air Cargo Road Project Briefing	Informational Presentation		30
7	<u>Future Meeting Topics:</u> Sound Transit Parking Tax; Tukwila International Blvd. Reconfiguration; Final Acceptance of several CIP projects; Sewer District Easement near Kent Elementary and Grandview Park.			
8	Adjourn	Adjourn Meeting	Chair	5



# Transportation & Public Works Committee Meeting Minutes

Approve Prior  
Meeting Minutes

Thursday September 5, 2019  
5:30 PM – 6:30 PM  
SeaTac City Hall – Riverton Room

Members:	Present:	Absent:	Commence: 5:30 PM
			Adjourn: 6:23 PM
Peter Kwon, Chair	X		
Rick Forschler	X		
Pam Fernald	X		

Other Councilmembers in attendance: Clyde Hill; Joel Wachtel

Staff Coordinator: Will Appleton, Public Works Director; Florendo Cabudol, City Engineer;

Other Staff Present: Kamal Mahmoud, Engineering Manager

Public Comment	Comment brought through CM Fernald regarding a complaint on South 166th Street. A citizen complained that parking is a problem since school has started with regard to drop-offs along or in the road adjacent to McMicken Elementary School. The area is congested and traffic spills over onto 40th Avenue South, blocking driveways and mailboxes. CM Fernald will submit a CIR asking whether the new frontage improvements near McMicken Elementary is contributing to this issue.
1. Approve Prior Meetings' Minutes	August 1 TPW Minutes were approved.
Miller Creek Realignment Project with City of Burien	<p>Discussion/Recommendation</p> <p>City Engineer Florendo Cabudol presented a PowerPoint presentation from the City of Burien on the specific area involved and the benefits of the Miller Creek Realignment project. The design is complete and scheduled to begin construction in 2020. Burien is working on filling the funding gap based on an updated construction cost estimate. Based on the updated cost estimate, Burien is requesting an additional \$485,000 above the \$500,000 SeaTac has already committed (through budget only). If approved, the additional funding will increase the budget item to \$985K and be provided by unencumbered funds in the 403 Stormwater Utility Fund. Total construction cost of the project is approximately \$3.5 million.</p> <p>The City of Burien has paid for the design phase and is only asking SeaTac to participate in funding construction of the elements in SeaTac ROW. A table showing each city's commitment, as well as Department of Ecology grant funding that has been awarded to Burien.</p>

	<p>Staff presented 3 recommendations:</p> <ol style="list-style-type: none"> <li>1. Recommend proceeding with budgeting the additional \$485K and process the budget amendment as a separate item for Council approval.</li> <li>2. Recommend proceeding with budgeting the additional \$485K and include with the Mid-Biennium budget amendment package that will be brought for Council review and approval later this year.</li> <li>3. Reject the request for additional funding and coordinate with Burien on next steps for the project.</li> </ol> <p>Discussion was held related to impacts to the project should SeaTac not contribute additional funding. City Engineer Cabudol explained that the project would most likely be suspended until the additional funding is secured or project elements may need to be eliminated. CM Wachtel requested a copy of the project report that explains how this project would impact the existing wetlands (located at the southeast end of the project, NE corner of DMMDS/SR518 interchange) Miller Creek is discharging to. Staff committed to providing the report.</p> <p>The committee approved proceeding with recommendation #2.</p>
2. PW Project Update	<p>Update on current Public Works projects:</p> <p><u>Southbound I-5 &amp; 200th Interchange On-Ramp:</u> WSDOT project is complete. It came in under budget and saved 25 working days and a weekend closure. WSDOT saved a total of \$37,500.</p> <p><u>2019 Overlay Project:</u> Video detection system is scheduled to be installed within next two weeks at the intersections at S 128<sup>th</sup> St and S 136<sup>th</sup> St along DMMDS. This will collect traffic data when completed. No loops will be used and the traffic signals will be on a set signal cycle (recall). Project paving is complete.</p> <p><u>Military Road South &amp; South 152 Street:</u> the project is moving along smoothly and on time. Police and flaggers on site. Estimation of completion is June 2020.</p> <p><u>South 200th Street &amp; Des Moines Memorial Drive South:</u> Rodarte Construction submitted the apparent lowest bid of \$4.79 Million. Engineering staff are checking unit pricing. Construction award will be brought to Council at the September 24 meeting.</p>
3. Future Meeting Topics: Sound Transit Parking Tax; Tukwila International Blvd. Reconfiguration; ROW Standards; Concurrency;	<ul style="list-style-type: none"> <li>• CM Fernald wanting to have a presentation on roundabouts (CIR, council recommendation)</li> <li>• Discuss Kent New Valley Elementary School proposed sewer alignment through Grandview Park</li> </ul>
4. Adjourn	Adjourn Meeting

**Approve Prior  
Meeting Minutes**



# Transportation & Public Works Committee Meeting Minutes

**Approve Prior  
Meeting Minutes**

Thursday September 19, 2019  
4:30 PM – 6:00 PM  
SeaTac City Hall – Riverton Room

Members:	Present:	Absent:	Commence: 4:31 PM Adjourn: 6:00 PM
Peter Kwon, Chair	X		
Rick Forschler	X		
Pam Fernald	X		

Other Councilmembers in attendance: Stanley Tombs; Clyde Hill

Staff Coordinator: Will Appleton, Public Works Director; Florendo Cabudol, City Engineer;

Other Staff Present: Kamal Mahmoud, Engineering Manager; Lauren Kirk, Civil Engineer 1; David Tomporowski, Transportation Planner; Ali Shasti, Engineering Review Manager; Mark Johnsen, Sr. Assistant City Attorney; Kyle Moore, Government Relations and Communication Manager.

Public Comment	None.
1. Approve Prior Meetings' Minutes	September 5 meeting minutes were not reviewed at this time, and will be reviewed and approved at a future meeting.
2. Des Moines Mem Dr. & S 200th Street – Construction Award	<p>Discussion/Recommendation</p> <p>City Engineer Florendo Cabudol presented. Staff briefed the Committee on the revised memo and ordinance handed out at the meeting and will be posted on the City's website. The revisions include updates to the expenditure and revenue information.</p> <p>Staff is seeking recommendation from Committee for Council to approve construction award to the lowest bidder on this project. On August 29, eight bids were received. Rodarte Construction, Inc. was the lowest responsible bidder at \$4,786,160.00. This bid is approximately 15% below the engineer's estimate for construction. The Committee asked whether the 15% contingency is the new standard percentage. Staff responded that 15% is being recommended due the amount of risks identified on the project related to the presence of documented (and potentially undocumented) septic systems adjacent to the site. Staff has</p>

	<p>completed a reference and bidder responsibility check of Rodarte Construction with positive results.</p> <p>An Ordinance has been prepared to seek authorization from the Council to execute the construction contract with Rodarte; execute a contract with Gray and Osborne for additional services, and to amend the 2019-2020 Biennial Budget to fully fund construction of the project.</p> <p>Due to the complexity of construction this project and staff's current workload, Gray and Osborne Inc. rendered additional services to complete the design and is also being retained to manage construction on behalf of the City.</p> <p>The budget amendment in the amount of \$3,226,012 is required to fully fund construction as outlined in the memorandum and will be transferred out of the 102 Street Fund, which has sufficient funds.</p> <p>Up to \$1 Million will be received back to the City from the City of Des Moines, and several utility companies for their share of the construction work.</p> <p>The Committee approved this construction award and budget amendments to advance to full Council on September 24, 2019 Regular Council Meeting.</p>
<p>3. Installation of Speed Humps on 35th Ave S. near Hairpin Turn</p>	<p>Update</p> <p>17 homeowners (100%) that live along 35<sup>th</sup> Avenue South above the hair pin turn have signed a traffic calming petition requesting speed humps to slow traffic traveling to and from the hair pin turn.</p> <p>Civil Engineer Lauren Kirk has studied the traffic data from this corridor and the amount of vehicles, speeds recorded and accidents recorded all support the installation of these speed humps.</p> <p>The design of the humps being installed was approved by the Fire Department.</p> <p>The speed humps will be installed by Public Works Maintenance personnel.</p> <p>Once the speed humps are installed, Engineering staff will continue to study the roadway to determine if future treatments, such as installing high-friction pavement and jersey barriers will be warranted.</p> <p>In addition to the speed humps, speed feedback signs, neon yellow chevron arrows, and centerline delineation treatments will be utilized as planned along the corridor to alert drivers to the changes and hair pin turn dangers.</p> <p>A question was raised about stormwater flows after the installation of the speed humps. Due to the open shoulders of the roadway, it was determined that stormwater will run the normal path of the roadway and not be a problem to any particular homeowner.</p>

	<p>Speed humps will be installed in the next month or so. Any future changes to the roadway will be brought before Committee.</p>
<p>4. Concurrency</p>	<p>Update</p> <p>In 2017, staff started discussions about a study about the City adopting a concurrency plan. Staff is aiming to have a plan in place by the end of this year. The Level of Service (LOS) will be based on how vehicles move through a corridor, not just on intersection counts.</p> <p>Our new Transportation Planner, David Tomporowski, will help to run this project.</p> <p>The data developed helps to determine where projects are needed. If new development comes in that puts, for example, 500 news vehicle trips on the road, our concurrency plan ca address this with a road project that considers an entire corridor and other considerations, not just a built up intersection.</p> <p>17 corridors are being monitored throughout the City at peak hours, to determine trips available. At 50-100 trips only left available in the peak hours on any corridor raised red flag alerts for future development needed.</p> <p>Adopting a plan is required by the State, and by the Growth Management Act.</p> <p>A draft concurrency program is uploaded on the website calendar.</p> <p>Next steps: This will go to the Planning Commission, then through a SEPA process, back to T&amp;PW Committee, before full Council in November, and adopted with the City's Comp Plan update by the end of the year.</p> <p>The Committee approved this to move forward in the process above.</p>
<p>5. Right of Way Standards</p>	<p>Update</p> <p>This was an informational update on the Right of Way Standards that City Staff are hoping to adopt this year.</p> <p>The update will address code language changes that are needed to bring clarification to four main areas:</p> <ol style="list-style-type: none"> <li>1. Frontage Improvements</li> <li>2. Right of Way Dedication</li> <li>3. Deferral of Improvements</li> <li>4. Right of Way Cross Section</li> </ol> <p>A list of completed subdivisions from the last three years was shown to the Committee. This represents lost opportunities, where frontage improvements were not made, and the developer walked away from the project and did not bring desired improvements along with the development.</p>

	<p>The draft language presented to the Committee clears up the code language that will require improvements to be made, and not deferred, at the time of the development.</p> <p>Necessary right of way will be required to be dedicated at the time of the development, to accommodate future road projects.</p> <p>In addition to multi-family development, single family homes that are built or remodeled in excess of \$250,000 in value, will also require frontage improvements. Normal improvements for a single family property are in the \$20,000 to \$40,000 cost range.</p> <p>A comment was made that instead of one single family property making frontage improvements and then standing isolated on a street for many years before a road improvement project, that monies should be collected by the City instead and held for a future project on that roadway.</p> <p>Another question was raised about compensating a developer or landowner for the right of way dedication. This will be researched.</p> <p>A stakeholder meeting to gather input will be held soon, inviting developers, engineers and architects doing work in the city. Then these draft standards will be brought back before T&amp;PW Committee before going to the full Council.</p>
6. Adjourn	Adjourn Meeting

**Approve Prior Meeting Minutes**



# MEMORANDUM

To: Transportation and Public Works Committee  
Through: William Appleton, Public Works Director  
From: Florendo Cabudol, City Engineer  
Date: 10/3/19  
Subject: Port of Seattle Air Cargo Road Project Briefing

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## **Purpose:**

The purpose of this briefing is to inform the Committee of the upcoming Air Cargo Road Project and its impact to the adjacent street network.

## **Background:**

The Port of Seattle is currently designing road improvements as part of the Air Cargo Road Project. Goals of the project are:

- Provide safe and efficient operations along the project corridor
- Improve non-motorized access to adjacent land uses, employee parking, and public transit
- Optimize investment to consider potential future Port of Seattle capital improvements adjacent and near to project corridor

Elements being constructed as part of this project include:

- Pavement rehabilitation
- Reconfiguration of the Cell Phone Waiting parking lot
- New traffic signals at the S 170<sup>th</sup> St off-ramp and Air Cargo Road on-ramp to the North Airport Expressway
- New signage
- Storm drainage improvements
- Infrastructure to provide non-motorized access through project area and to transit services
- Channelization
- Landscaping and Irrigation

The schedule for project construction is anticipated for early 2021.

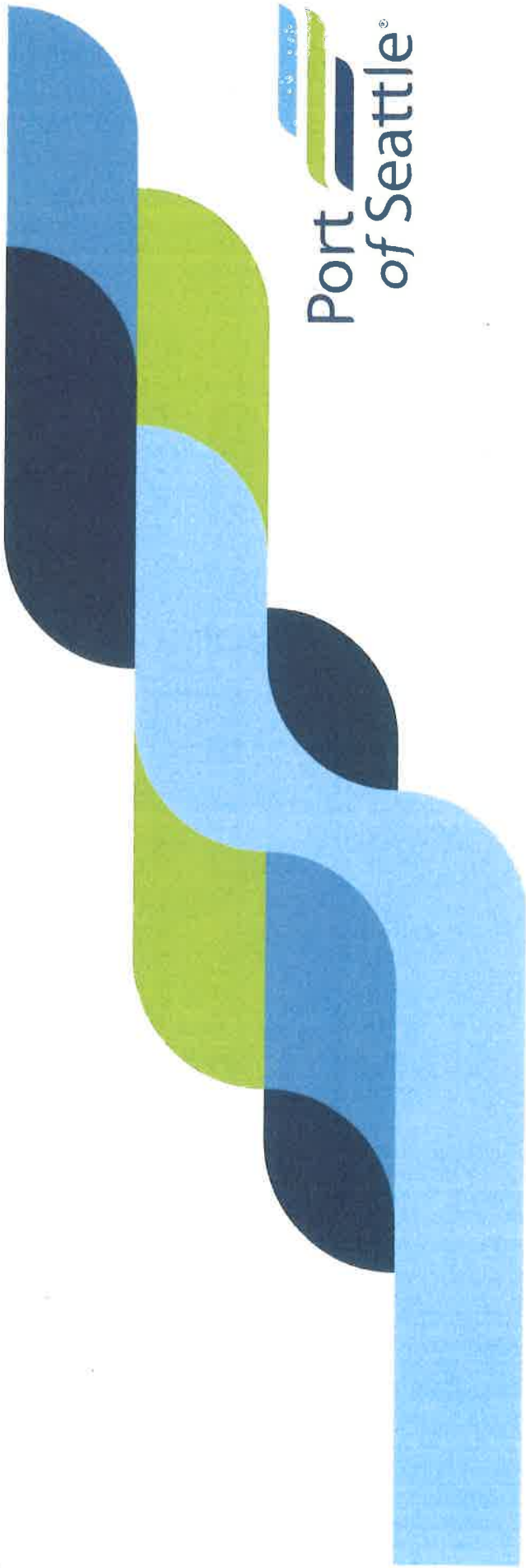


# Air Cargo Road Safety Improvements Project

City of SeaTac

**Transportation & Public Works (T&PW) Committee**

October 3, 2019



# Project Objectives

- **Provide safe and efficient operations** while minimizing operation and maintenance costs
- **Improve non-motorized access** to adjacent land uses, employee parking, and public transit
- **Optimize investment** to consider potential future Sustainable Airport Master Plan development

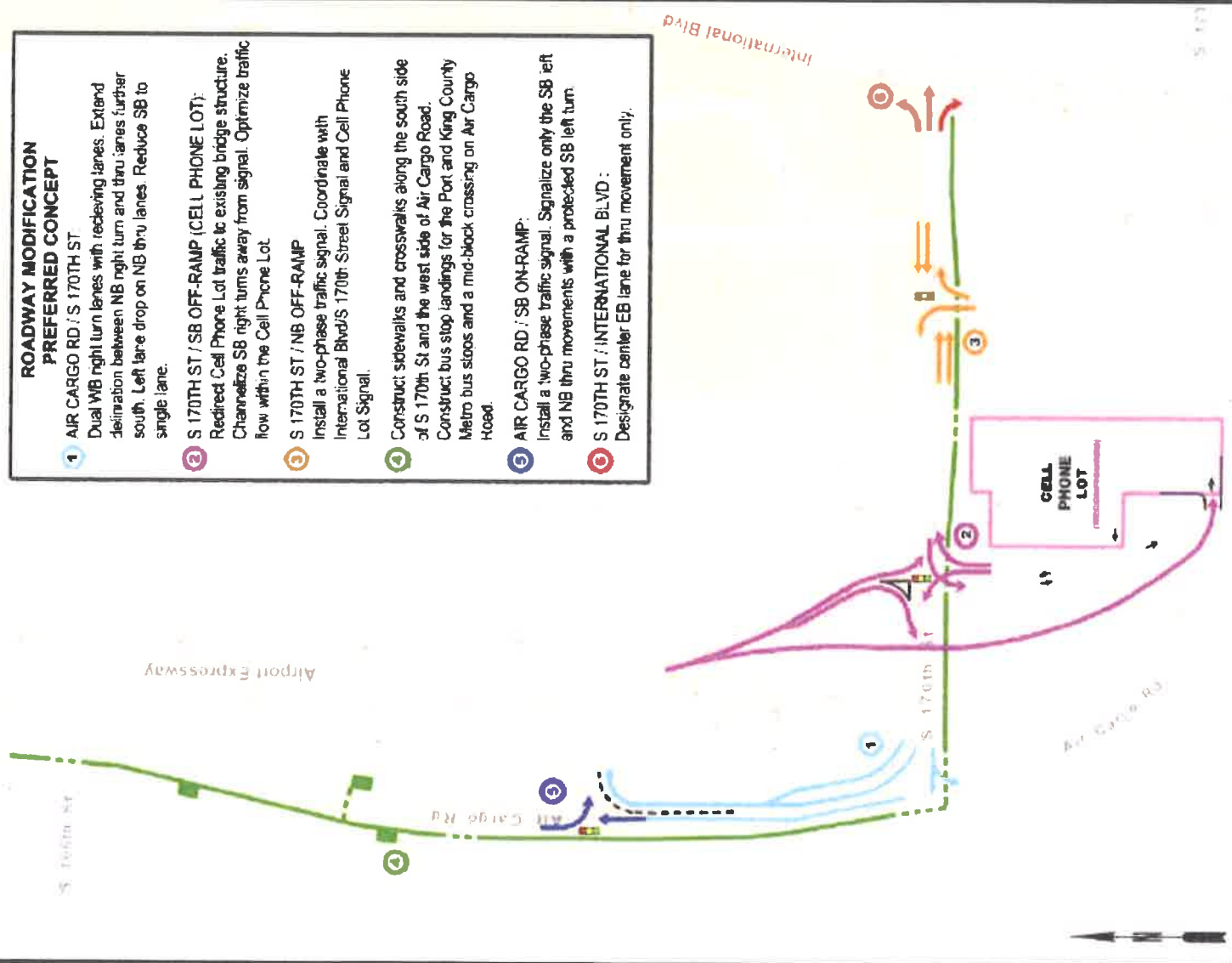


# Project Scope

Improvement	Location
Pavement rehabilitation	<ul style="list-style-type: none"> <li>Cell Phone Lot Access Rd</li> <li>S 170<sup>th</sup> St</li> <li>Air Cargo Rd</li> </ul>
Cell phone lot reconfiguration	(2)
New traffic control signals	(3) S 170 <sup>th</sup> St off-ramp (5) Air Cargo Rd on-ramp
Roadway illumination	Throughout project area
Signage	Throughout project area
Storm drainage	Throughout project area
Non-motorized transportation & transit	(4) Air Cargo Rd (4) S 170 <sup>th</sup> St
Channelization	(1) Air Cargo Rd / S 170 <sup>th</sup> St (2) S 170 <sup>th</sup> St / SB off-ramp (6) S 170 <sup>th</sup> St / Intl Blvd
Landscaping / Irrigation	Air Cargo Rd, S 170 <sup>th</sup> St, Cell Phone Lot, Cargo 5

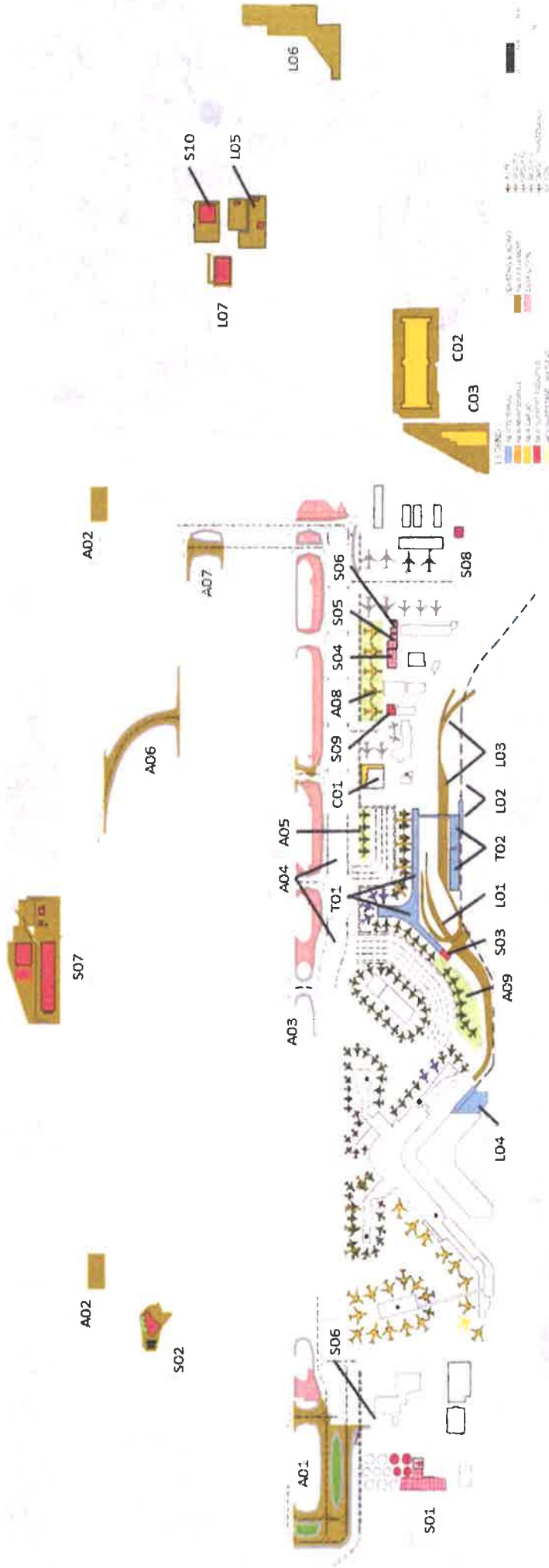
## ROADWAY MODIFICATION PREFERRED CONCEPT

- AIR CARGO RD / S 170TH ST**  
Dual WB right turn lanes with receiving lanes. Extend delineation between NB right turn and thru lanes further south. Left lane drop on NB thru lanes. Reduce SB to single lane.
- S 170TH ST / SB OFF-RAMP (CELL PHONE LOT):**  
Redirect Cell Phone Lot traffic to existing bridge structure. Channelize SB right turns away from signal. Optimize traffic flow within the Cell Phone Lot.
- S 170TH ST / NB OFF-RAMP**  
Install a two-phase traffic signal. Coordinate with International Blvd/S 170th Street Signal and Cell Phone Lot Signal.
- Construct sidewalks and crosswalks along the south side of S 170th St and the west side of Air Cargo Road. Construct bus stop landings for the Port and King County Metro bus stops and a mid-block crossing on Air Cargo Road.**
- AIR CARGO RD / SB ON-RAMP:**  
Install a two-phase traffic signal. Signalize only the SB left and NB thru movements with a protected SB left turn.
- S 170TH ST / INTERNATIONAL BLVD :**  
Designate center EB lane for thru movement only.



# Sustainable Airport Master Plan

## Near-Term Projects (56 MAP)



- Airside**
- A01 Taxiway A/B Extension
- A02 Runway 16R-34L Blast Pads
- A03 Taxiway L Relocation (Pre-SAMP project)\*
- A04 Taxiway B 500' Separation & RIM Mitigation
- A05 North Hold Pad
- A06 Runway 34L Highspeed Exit
- A07 Taxiway D Extension
- A08 Hardstand (north)
- A09 Hardstand (central)

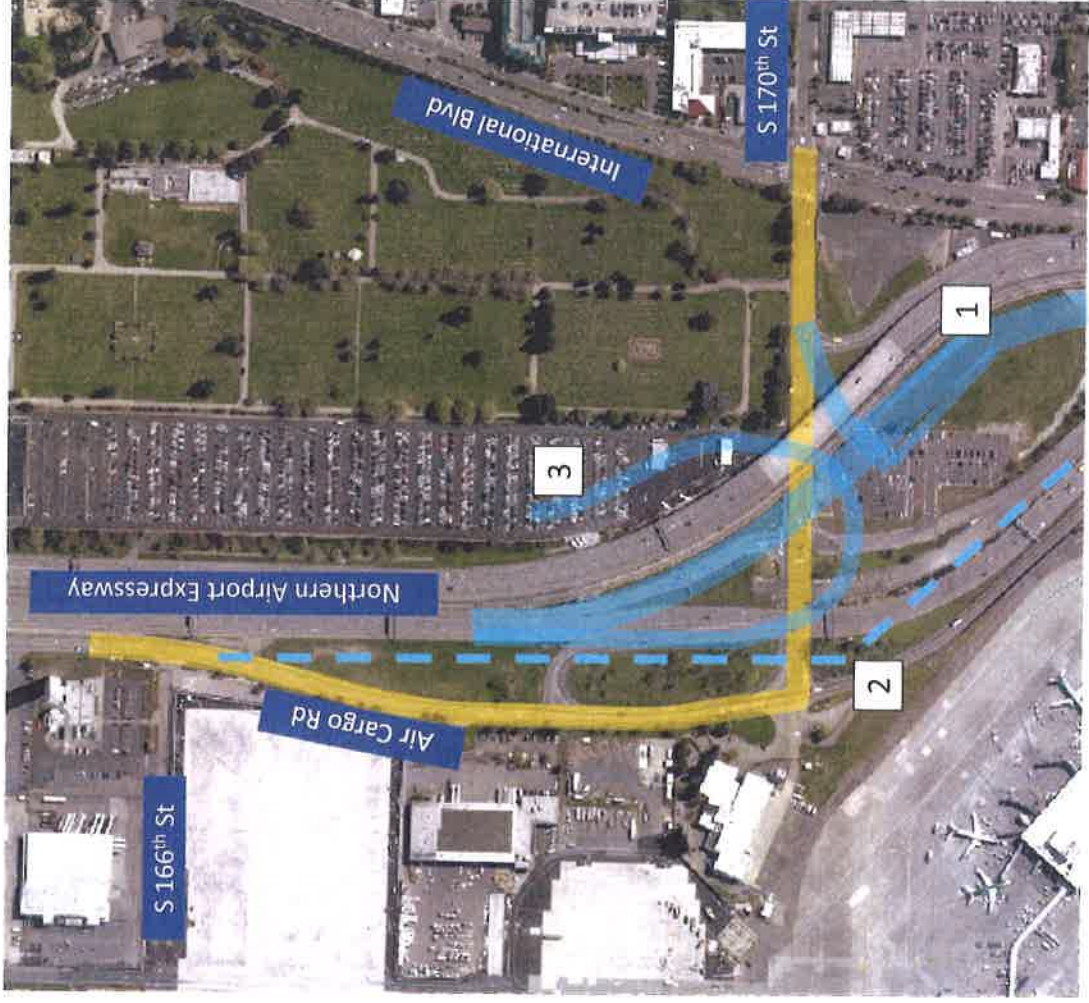
- Terminal**
- T01 North Gates
- T02 Second Terminal & Parking
- Cargo**
- C01 Cargo 4 South Redevelopment
- C02 Off-site Cargo Ph 1 (L-Shape)
- C03 Off-site Cargo Ph 2 (L-Shape)

- Landside**
- L01 NAE Relocation (southbound lanes)
- L02 Elevated Busway & Stations
- L03 Second Terminal Roads/Curb-side
- L04 Main Terminal North GT Lot
- L05 North GT Holding Lot
- L06 Employee Parking Surface Lot
- L07 Employee Parking Structure

- Airport/Airline Support**
- S01 Fuel Farm Expansion
- S02 Primary ARFF
- S03 Secondary ARFF
- S04 Fuel Rack Relocation
- S05 Triculator
- S06 Consolidated De-icing Tanks
- S07 Westside Maintenance Campus
- S08 Airline Support (north)
- S09 Airline Support (west)
- S10 Centralized Rec. & Dist. Center

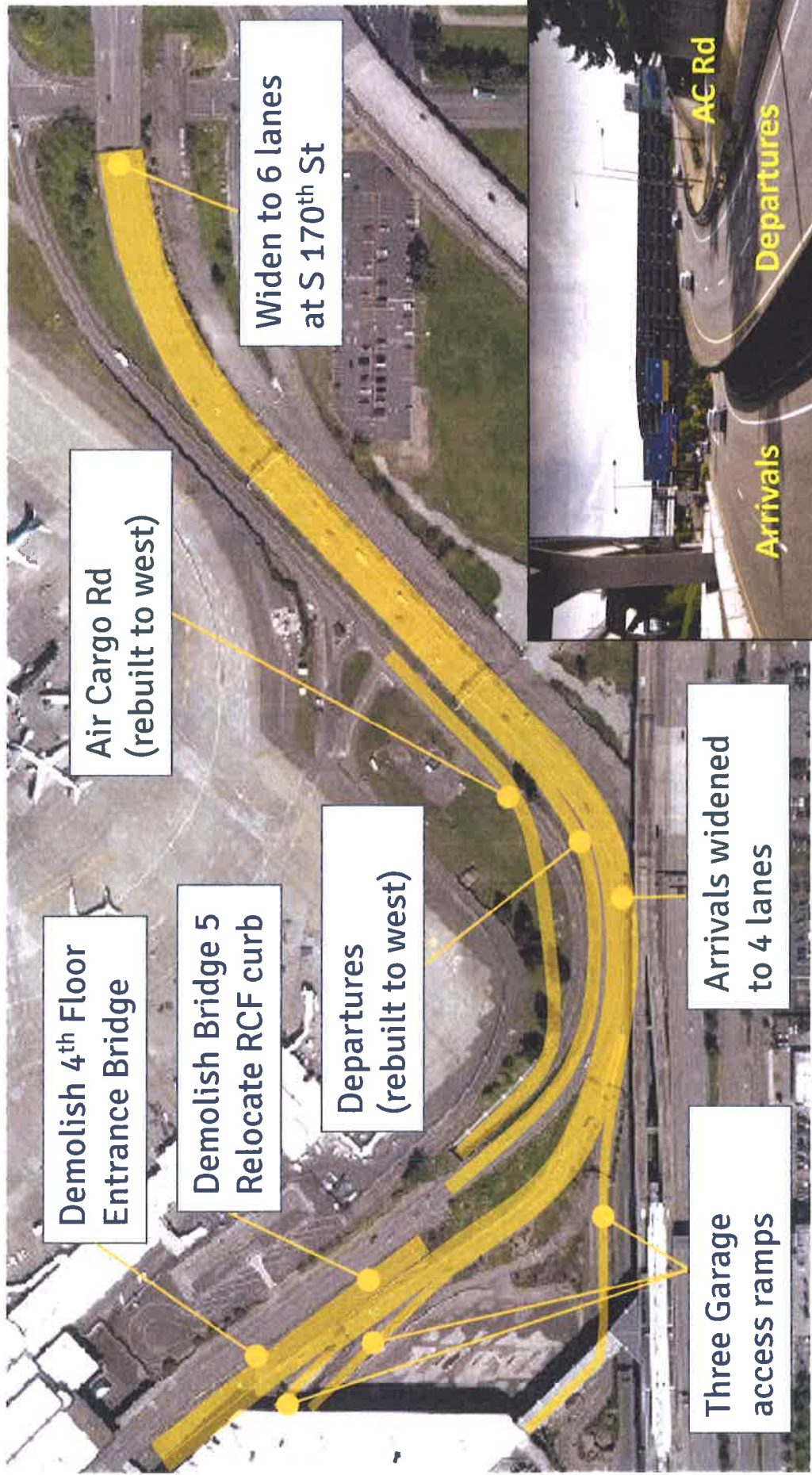
\* Project currently under construction

# Air Cargo Road & Near-Term Projects



1. Southbound Northern Airport Expressway Relocation (displaces Cell Phone Lot)
2. Second Terminal North Gates (displaces Air Cargo Rd corridor)
3. Second Terminal Roads / Curbside (displaces S 170<sup>th</sup> St corridor)

# Other Projects - Widen Arrivals



# City of SeaTac Coordination

- **Design Review Process**
  - City staff to participate in design reviews
  - City approval of final plans for work in City right-of-way
- **Permitting (2020)**
  - Preapplication checklist approved on 2/14/2018
  - Port Building and Site/Grading Permits
  - L&I Electrical Permit
  - City of SeaTac Right-Of-Way Use Permits
- **S 170<sup>th</sup> St Street Vacation (2020)**
  - Support permanent traffic signal at Cell Phone Lot intersection



# Upcoming Project Tasks/Timelines

- **Stakeholder Meeting #2 – October 1 & 4, 2019**
  - Purpose: Review design progression and scope
  - Separate meetings with adjacent facility owners/tenants, ground transportation operators, and employee parking/rental car bus drivers
- **SEPA – October 2019**
  - Port continues as lead agency
- **60% Design Package & Geotech Report – December 2019**
- **60% Design Review – December 2019**

