

Transportation Gateway Project

Update: October 28, 2014



PROGRESS SUMMARY

24th Ave South (S 208th Street to S 216th Street): Under construction to widen the street with two additional travel lanes (in each direction), center turn lane and planted medians, bicycle lanes, curbs-gutters and sidewalks with planter strips, underground utilities and storm drainage system, water main replacement and a new LED street illumination system.



*Construction -24th Avenue S. (S.216th St to S. 208th St)
Looking North towards S. 208th St*

S 216th Street, Segment 2 (18th Ave S to 24th Ave S): The project is substantially complete, 12/12/13: a 5 lane roadway, including a center turn lane, bicycle lanes, curb, gutter, sidewalks, street trees and planter strips, bus stops with solar shelter lighting, pedestrian and LED roadway illumination, underground storm water treatment and detention system, underground utilities and other urban design elements. The project included a new traffic signal at S. 20th Avenue S where the roadway will transition west into a 3 lane roadway including center turn lane, bicycle lanes, sidewalks, storm drainage, underground utilities and other related improvements. The 24th Avenue S. intersection was widened to accommodate the 24th Avenue S. improvements (S. 216th St. to S. 208th S) to the north and future widening of S. 216th Street Segment 1-A (24th

Avenue S to SR99) to the east. South of S. 216th St. at 24th Avenue S. construction included sidewalks, bicycle lanes and a traffic calming median depicting transition to a collector street.



*Completed- S. 216th Street Segment 2
Looking west from 24th Ave S.*

S 216th Street Segment 1-A (24th Avenue S to SR99): Per Council direction the project limits and ROW plan has been shifted, limiting improvements to the area west of SR99. FHWA ROW funding is expected to be fully obligated in 2015 enabling the City to begin property negotiations for strips of ROW needed for the project. In addition, the Freight Mobility Investment Board awarded partial construction funding. The City expects to secure remaining funds so construction can begin in 2016. Improvements will be similar to S. 216th Street Segment 2 with pedestrian, bicycle and urban design elements as well as an eastbound to west bound U turn pocket.



*Right of Way Phase - S. 216th Street Segment 1-A (unimproved)
East from 24th Ave. S. toward SR99*

Ribbon Cutting/Ground Breaking Ceremony: The City, the Port of Seattle and other funding partners celebrated completion of S. 216th Street Segment 2 and groundbreaking for the Des Moines Creek Business Park on August 14, 2014.



S. 216th Street Ribbon Cutting
*Councilmember Jeremy Nutting; Councilmember Matt Pina;
Mayor Dave Kaplan; Port Commissioner Tom Albro;
Councilmember Bob Sheckler (right to left)*

S. 216th Street Segment 2 was received a Greenroads Bronze award from the Greenroads Foundation for environmentally sustainable design and construction techniques. The Port of Seattle produced a video highlighting the associated 87 acre Des Moines Creek Business Park Groundbreaking being developed by Panattoni Development Company.



[Des Moines Business Park Ground Breaking Event Video](#)

BACKGROUND

Design: The City of Des Moines initiated design of improvements to S. 216th Street (I-5 to 18th Avenue S. and 24th Avenue S (S. 216th Street to 24th Avenue South) in the Spring of 2009 to widen these roadways to accommodate multiple modes of travel (pedestrians, bicycles, transit, automobiles, & trucks) as well as accommodate future growth as reflected in the City's comprehensive plan and zoning.

Final design consolidated the Transportation Gateway Project into three arterial segments:

- S. 216th Street Segment 1A, between SR99 and 24th Avenue S. (*In ROW Phase*)
- S. 216th Street Segment 2, including 24th Avenue South to 18th Avenue South (*Completed including widening of the 24th Avenue S. Intersection and a new signalized intersection at 20th Avenue S*); and
- 24th Avenue South between S. 208th Street and S. 216th Street (*under construction*)

Widening S. 216th Street, Segment 1-B, between I-5 and Pacific Highway S. was included in the design report, but work will be deferred until SR 509 advances involving potential bridge replacement over I-5.



S 216th Street
Segment 2
18th Ave S to 24th Ave S
(Inc. 24th/216th Intersection)

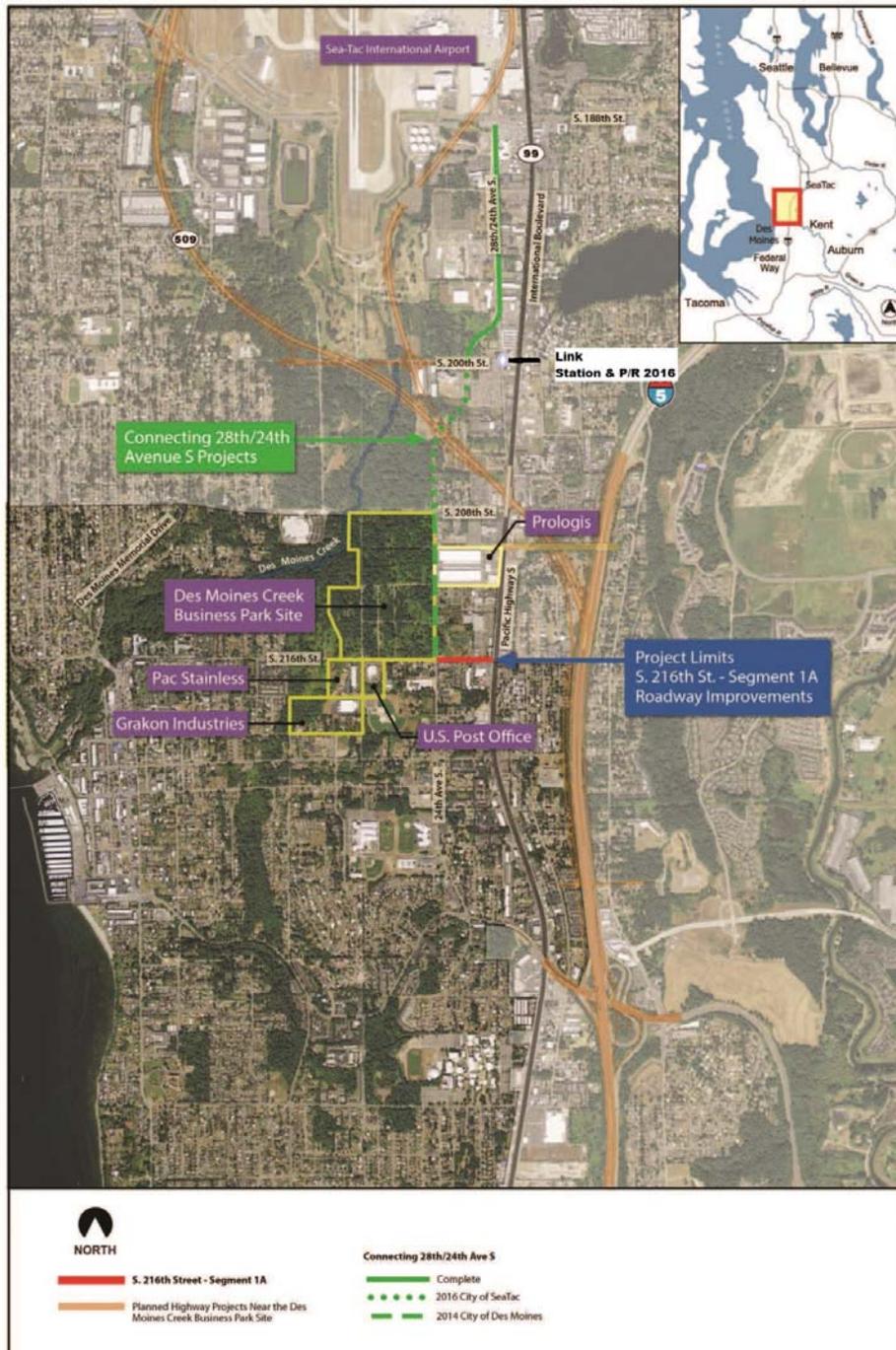
S 216th Street
Segment 1-A
24th Ave S to Pac
Highway (SR99)

S 216th Street
Segment 1-B
Pac Highway to I-5
(Future Phase w/SR509)



City of Des Moines
Transportation Gateway Project

Regional Context: Illustrated below is a vicinity map highlighting the 28th/24th/Avenue S Connection (2016) in the City of SeaTac and the relationship to South 216th Street, that will completing a new south access to SeaTac Airport with a 5 lane, principal arterial that parallels SR99. The City of SeaTac plans to advertise construction of 28th/24th Avenue S between S. 208th Street and S. 200th Street the first quarter of 2015. The multi modal corridor accommodates pedestrians, bicycles and vehicles will be connected to the new Sound Transit light rail station and park and ride lot opening in 2016 at S. 200th Street. S. 216th Street, Segment 1-A is the last link to be constructed, completing this strategic freight corridor.



Public Involvement: The City published articles in its newsletter, distributed updates to the project web site, sent out notices to the adjoining community, provided press

releases and distributed flyers to affected properties and neighbors to solicit comments on the project. Three public open meetings were held on April 14, June 2 and October 8 2009 to initiate the design and seek public input on alternative alignment layouts and preliminary design plans.

On March 24, 2010, the City sponsored another public open house on a proposal to transfer part of the old SR509 ROW south of S. 216th Street to the City for storm water retention facilities related to the project as well as other future uses as extension of 16th Avenue South between S. 220th Street and S. 216th Street and the proposed Barnes Creek Trail. Another open house was held on November 2, 2010 giving the public an opportunity to view the details of the final design and comment on environmental studies. Environmental work is complete and approved by local, state and federal agencies.

The City is securing full funding for Right of Way for S. 216th Street Segment 1-A, It is expected that these owners will be contacted early in 2015 to begin negotiations for required ROW strips and easements.

Prior to construction, property owners are notified of the work and schedule. Contractors work with individual owners and residents to maintain access, install underground utility connections as well as match improvements to properties. Variable message signs are being used to notify the public, neighbors and residents of major traffic disruptions. These disruptions can be anticipated over the next two years.

Alternatives: Engineers developed a full design report, 2009 that analyzed the project and the City Council approved advancing the project into final design. The report contains alternative alignment information that illustrates the extent of the proposed improvements, signalization, lane configurations, landscaping as well as technical information on traffic, drainage, environmentally sensitive areas and lighting. Generally, both roadways require widening to nearly 100', adding two lanes in each direction, center medians and/or turn lanes, bicycle lanes, landscaping, lighting and ADA accessible sidewalks and bus stops. Storm water will be collected, detained and treated to protect water quality.

Alternatives included an alignment that was symmetrical to the existing roadway vs. an alignment that offset from the current centerline to minimize impacts on developed properties. After consideration of public input from citizens, the neighborhood, the City of SeaTac, the Port of Seattle and others, the City Council directed staff to develop final design plans for the "Offset Alignment". The design was complete in 2010, allowing each segment to advance into right of way and construction phases based upon available funding.

The design is "context" sensitive to the development characteristics along each segment of these roadways as illustrated on the below diagram. As previously mentioned, final design of the S 216th Street (east of SR 99 to I-5) was deferred as a

S. 216th Street Concept



*Transportation Gateway Entrance
S. 216th Street and Pacific Highway S. (SR99)*

FUNDING AND SCHEDULE:

Design for the Transportation Gateway Project was funded, in part, with a loan from the Washington State Public Works Trust Board as well as development fees and arterial road funds as approved in the City of Des Moines Capital Improvement Program. As part of a development agreement with the Port of Seattle (Port), the Port provided roadway frontage improvement funds (\$6 million) to support development Des Moines Creek Business Park and the Transportation Gateway project. Total estimated costs for the three project segments, including pre design, design, right of way, construction and construction engineering is \$25.6 million (2014 budget). The entire project, depending upon availability of construction grant funds and City Council approval, could be substantially complete as early as year-end, 2016 or early 2017.

- S. 216th Street Segment 2 (18th Avenue S to and including the 24th Avenue S. intersection - \$8.5 Million) In addition to the Port of Seattle agreement, the Washington State Transportation Improvement Board (TIB) authorized \$3.7 million in grant funds for S. 216th Street Segment #2 construction including revisions to the 24th Avenue South Intersection. Highline Water District funded replacement of a 12" water main through the 24th Avenue South intersection.

King County Metro contributed funds for bus stop improvements including provisions for solar lighting of bus shelters. Utilities contributed a fair share of the undergrounding costs. The project was substantially complete December, 2013.

- 24th Avenue South (S. 216th St to S. 208th St - \$9.0 Million) The Federal Highway Administration awarded a \$3.0 million grant for work on 24th Avenue South as part of a larger project connecting 24th/28th Avenue S. to S. 200th Street. Agreements with the Port of Seattle, the Highline Water District, developer contributions and city funds secured the necessary financing for construction. Work is scheduled for completion in 2014; however final paving is weather/temperature dependent.
- S. 216th Street Segment 1A (24th Avenue S to SR99 –\$8.1 million). The project is designed. The City council authorized staff to proceed with selective right of way acquisition in 2012. It is anticipated that full funding of the right of way phase will be secured in 2015 including up to \$1 million in federal funds. Construction funding include up to \$892,000 commitment from the Washington State Freight Mobility Board (FMSIB). Other construction grant funding applications are pending and the City plans to begin construction in 2016.

Segment 1B, preliminary planning is complete enough to integrate roadway widening improvements into potential projects as land uses change in the corridor. The project is included in the City's Transportation Improvement Program,

Questions: Persons with questions or comments are urged to contact the Len Madsen, Project Manager at lmadsen@desmoineswa.gov; 206.870.6525. Refer to Transportation Gateway Web Archives for more information.

