

## STAFF REPORT

### SOUND TRANSIT MOTION NO. M2000-126

**Authorizes Project Agreement and Memorandum of Understanding between Sound Transit and WSDOT for the design and construction of storm water detention facilities and I-5 bridge widenings at South 272nd Street and Military Road and creates a mechanism for project reimbursements associated with combined construction**

Meeting:	Date:	Type of Action:	Staff Contact:	Phone:
Finance Committee	12/7/00	Discussion/Possible Action to Recommend Board Approval	Agnes Govern, Director, Regional Express Fred Chou, Project Manager, Capital Projects	(206) 398-5037 (206) 398-5034

#### PROPOSED ACTION

Motion No. M2000-126 would authorize the Executive Director to execute a project agreement and a memorandum of understanding between Sound Transit and the Washington State Department of Transportation (WSDOT). A project agreement was previously authorized through Motion No. M99-77. That agreement was to define roles and responsibilities associated with the widening of the I-5 bridge structure at South 272nd Street in Kent and also put forth a mechanism for various project reimbursements associated with the combined construction effort.

Motion No. M99-77 acknowledged the possibility of the passage of I-695, which would have jeopardized WSDOT's ability to continue to fund the Stage 3 Project, and suggested that upon passage of the measure, Sound Transit and WSDOT would revisit the terms of the agreement. WSDOT's Stage 3 Project was put immediately on hold due to the passage of I-695 and, with no schedule or funding certainty, Sound Transit felt it is unwise to complete a project agreement to pursue the bridge widening issue. Since that time, WSDOT has obtained the necessary funding to construct the Stage 3 Project.

The purpose of this motion is to reflect the revised scope of responsibilities outlined in a project agreement and memorandum of understanding designating WSDOT as the lead agency for the design and construction of storm water detention facilities and the I-5 bridge widening at South 272nd St and at Military Road. The proposed motion adds \$668,800 to the original amount authorized in Motion No. M99-77, for an overall reimbursement to WSDOT of \$1,675,000.

#### KEY FEATURES

##### **Highlights of Proposed Action:**

- ◆ Takes advantage of an opportunity to further combine construction efforts between Sound Transit and WSDOT to save money, resources, and minimize construction impacts to I-5 in two Sound Move project areas.
- ◆ Updates the scope of responsibilities that would be covered under a project agreement and a memorandum of understanding between Sound Transit and WSDOT.

- ◆ Requests approval for a \$668,800 increase in the overall reimbursement to WSDOT to cover bridge widening and a new storm water detention facility construction/enlargement.

**Discussion of Proposed Action:**

The Sound Transit Finance Committee approved Motion No. M99-77 on November 4, 1999, which authorized the execution of a project agreement between Sound Transit and WSDOT. The purpose of that agreement was to define roles and responsibilities associated with the widening of the I-5 Bridge structure at South 272nd Street in Kent. A description of both projects is given below. The project agreement also put forth a mechanism for project reimbursement between the two parties.

Sound Transit's proposed project at I-5 and South 272nd Street is to construct an in-line freeway station located in the I-5 median north of South 272nd Street. The project is currently in the preliminary engineering/environmental documentation phase. WSDOT also has a project in the vicinity of South 272nd Street. For several years WSDOT has been designing the Stage 3 Project, which calls for an extension of the southbound I-5 HOV lane in South King County from Tukwila to the Pierce County line. This project calls for grading, paving, drainage, retaining walls, bridge widening, ramp widening, shoulder reconstruction, and implementation of certain Intelligent Transportation Systems.

Both the Sound Transit project and the WSDOT project plan to widen the I-5 bridge structure at South 272nd Street. Motion No. M99-77 identified this and other common work elements and suggested a strategy for combining certain design and construction work to save money and resources, and to minimize traffic impacts to the public. At the time Motion No. M99-77 was approved last November, the estimated cost to incorporate Sound Transit bridge widening work into WSDOT's Stage 3 design and construction efforts was \$1,006,200.

Since the approval of Motion No. M99-77, the preliminary design for both the in-line station project and another Sound Transit project (I-5 at 317th HOV Direct Access Ramp Project) were progressing rapidly and more is now known on how Sound Transit projects would interact with WSDOT's Stage 3 Project. The two agencies see another opportunity to combine additional work to save money, resources, and to minimize construction impacts to I-5 and the immediate surrounding areas of the projects. This work entails the widening of the I-5 Military Road Bridge and the construction/enlargement of an off-site storm water detention facility associated with the 317th HOV Direct Access Ramp work. The total estimated costs for the design and construction of the additional work is \$668,800. This motion asks for approval to add these additional items to the original work scope, and for authorization to increase the associated costs from the original Motion No. M99-77 in the amount of \$1,006,200 to a new authorized amount of \$1,675,000.

## **BUDGET**

**Table 1 - Adopted 2000 Budget:**

<b>Total Project Budget <sup>(1)</sup></b>	<b>Budget for this Phase <sup>(2)</sup> (A)</b>	<b>Phase Commitments to Date <sup>(3)</sup> (B)</b>	<b>Total Amount Requested (C)</b>	<b>Budget Remaining (A-[B+C])</b>
\$64,286,000	\$43,960,000	\$1,033,267	\$668,800	\$42,257,993

All figures shown are in YOES\$

**Table 2 - Proposed 2001 Budget:**

<b>Total Project Budget <sup>(1)</sup></b>	<b>Budget for this Phase <sup>(2)</sup> (A)</b>	<b>Phase Commitments to Date <sup>(3)</sup> (B)</b>	<b>Total Amount Requested (C)</b>	<b>Budget Remaining (A-[B+C])</b>
\$49,404,000	\$43,471,000	\$1,033,267	\$668,800	\$41,768,993

All figures shown are in YOES\$.

- (1) Ten-year budget for the I-5 at 317th Project (No. 125) and the I-5 at 272nd Project (No. 131).
- (2) Phases included in this budget amount are final design, construction, and ROW for the life of the project.
- (3) Life-to-date commitments through September 30, 2000, including the \$1,006,200 for the WSDOT effort that was previously approved in Motion No. M99-77. There have been no expenditures for these phases yet.

## **ALTERNATIVES**

- The Finance Committee could choose not to revise the scope and associated costs, however, with the Finance Committee's approval of Motion No. M99-77 on November 4, 1999, authority has been given to develop an agreement that covers the majority of costs for this combined effort.
- Sound Transit could complete work independently of WSDOT, which would result in higher construction costs and have greater construction and traffic impacts.

## **CONSEQUENCES OF DELAY**

If this agreement is not executed, the opportunity to save money, resources, and minimize construction impact to the same area will be lost. From an I-5 user's perspective, construction related delays caused by the bridge widening would be frustrating if the same bridge is torn up twice within a short period of time.

## **REGIONAL PARTNERSHIP AND COOPERATION**

The South 272nd Street in-line freeway station and the I-5 at 317th HOV Direct Access Ramp Projects are part of the Federal Way Project Grouping, which has an established Project Management Team and an Executive Advisory Committee to assist staff in making project decisions. The Project Management Team is comprised of technical staff from Sound Transit, the Washington State Department of Transportation, the City of Federal Way, the City of Kent, and King County. The Executive Advisory Committee is comprised of elected officials, key agency management staff, and city business and community leaders whose responsibility is to advise Sound Transit on project matters. Additionally, Sound Transit has an agreement with WSDOT to manage the HOV direct access portions of the grouping, and to reimburse them for their effort. Both the Project Management Team and the Executive Advisory Committee have been briefed about the proposed amendment.

## **PUBLIC INVOLVEMENT**

A public outreach program has been designed to solicit feedback at different stages of the project. This includes newsletters, open houses, presentations, and project web pages. In addition, the project team meets periodically with the Executive Advisory Committee to provide guidance to the Project Management Team, serve as a community sounding board, and to assist with public outreach efforts.

## **LEGAL REVIEW**

MBL 11/16/00

**SOUND TRANSIT**

**MOTION NO. M2000-126**

A motion of the Finance Committee of the Central Puget Sound Transit Authority authorizing the Executive Director to execute a Project Agreement and a Memorandum of Understanding between Sound Transit and the Washington State Department of Transportation (WSDOT) designating WSDOT as the lead agency for the design and construction of storm water detention facilities and the I-5 bridge widenings at South 272nd Street in the City of Kent and at Military Road in the City of Federal Way; and provide reimbursement to WSDOT in the amount of \$1,675,000 for Sound Transit's share of costs.


**Background:**

Motion No. M2000-126 authorizes the Executive Director to execute a project agreement and a memorandum of understanding between Sound Transit and WSDOT. The I-5 at 272nd HOV Access Project is one of two Sound Move HOV access projects being developed in the Federal Way and Star Lake (Kent) region of the South King subarea. The project is currently in the preliminary engineering/environmental documentation phase. The project design requires that the I-5 bridge structure at South 272nd Street be widened. WSDOT is completing final design for an HOV lane extension project which will also require widening the bridge structure at South 272nd Street. Since the widening is required for both projects, the two agencies see an opportunity to save money and resources by combining the widening work which will also minimize construction impacts to I-5 and South 272nd Street. Additionally, there is other work that can be done in common for both agencies, including the widening of the I-5 Military Road bridge and the construction / enlargement of an off-site storm water detention facility associated with the I-5 at 317th HOV Direct Access Ramp work. The total cost for all work identified will be \$1,675,000.


**Motion:**

It is hereby moved by the Finance Committee of the Central Puget Sound Regional Transit Authority that the Executive Director is authorized to execute a Project Agreement and a Memorandum of Understanding between Sound Transit and the Washington State Department of Transportation designating WSDOT as the lead agency for design and construction of the I-5 bridge widenings at South 272nd Street in Kent and Military Road in Federal Way; the enlargement of an off-site storm water detention facility associated with the Sound Transit 317th HOV Direct Access Ramp Project; and for reimbursement to WSDOT of \$1,675,000 for Sound Transit's share of costs.

APPROVED by the Finance Committee of the Central Puget Sound Regional Transit at a regular meeting thereof held on the 7th day of December, 2000.

  
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Greg Nickels  
Finance Committee Chair

ATTEST:

  
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Marcia Walker  
Board Administrator