

September 25, 2023

TO: Todd Trepanier, P.E.
Regional Administrator

THRU: ^{for} Larry Larson, P.E. *TL*
Assistant Regional Administrator for Development

FROM: Terrence Lynch, P.E.
Project Engineer

SUBJECT: XL5905; US 395/NSC Sprague to Spokane River MP 157.93 – 158.55
Stage 2 Alki Avenue to Mission Avenue
Delivery Method Approval

The purpose of the memorandum is to obtain your approval and endorsement to utilize the Design-Bid-Build delivery method for the above project. Please provide your signature for approval on the attached Matrix approval form and forward on for endorsement as appropriate.

Project Description

The North Spokane Corridor (NSC) Project is an I1 Urban Mobility project within the city of Spokane. As part of the NSC series of projects, this stage will construct twin elevated structures from Mission Avenue (northern extents) to the north side of Alki Avenue (southern extents). The Trent interchange will be a 5-leg roundabout including off- and on-ramps connected to the NSC. The work will also include grading, utility relocations, retaining walls, drainage, minor paving, sidewalks, and channelization of some City of Spokane Streets.

Conclusion

The PDM Selection Workshop held on November 31, 2022 determined that the Final PDM for the project was Design-Bid-Build. With Region approval and Headquarters endorsement on the attached selection matrix, the project will proceed with utilizing the Design-Bid-Build delivery method.

If you have any questions or comments, please contact me at 509-324-6189 or LynchTe@wsdot.wa.gov.

Final Project Delivery Method Selection Matrix

Project Title: US 395/NSC Sprague to Spokane River - Stage 2	Date: 11/30/2022
Route: US 395	WIN: F00015P
MP(s): 157.93 - 158.55	PIN: 600015P
Cost: \$183,831,091	List any additional PINs at bottom or attached to this form.


- Begin with the list of generic considerations offered below; modify or add entries as required. Indicate if the entry is a Project Delivery Goal by checking/selecting the Goal box; if not, leave blank.
- **Weights:** Enter numbers indicating the relative priority of each Project Delivery Goal (checked/selected)—higher numbers are higher priority—1 is the lowest
- **Ratings:** Numbers from 1 to 10, with 1 lowest and 10 highest; a two point range is provided for the generic entries as given. Select the Rating that best fits the specifics of your Project Delivery Goal. If a Goal is modified or rewritten, confirm that the ratings are appropriate and revise them accordingly. Any new Goals added to the Matrix will need to have ratings provided based on the probability of each PDM to meet the Goal.
- **Score:** Multiply the selected Rating of each method by the priority Weight for each Goal. Total the scores for each method and compare.

	Consideration	Weight	DBB		DB	
			Rating	Score	Rating	Score
SCHEDULE	<input checked="" type="checkbox"/> Goal Minimize project delivery time	5	<input checked="" type="checkbox"/> 9 <input type="checkbox"/> 10	45	<input checked="" type="checkbox"/> 6 <input type="checkbox"/> 7	30
	<input type="checkbox"/> Goal Meet a specific critical Milestone or Completion date		<input type="checkbox"/> 9 <input type="checkbox"/> 10		<input type="checkbox"/> 6 <input type="checkbox"/> 7	
	<input type="checkbox"/> Goal Utilize (federal) funding by a certain date		<input type="checkbox"/> 6 <input type="checkbox"/> 7		<input type="checkbox"/> 8 <input type="checkbox"/> 9	
	<input type="checkbox"/> Goal Effectively manage weather, environmental and/or other construction windows		<input type="checkbox"/> 6 <input type="checkbox"/> 7		<input type="checkbox"/> 8 <input type="checkbox"/> 9	
	<input type="checkbox"/> Goal Funding limitations impacts ability to compress the schedule and/or contract all the work early in the process (such as the biennium, grants, etc.)		<input type="checkbox"/> 6 <input type="checkbox"/> 7		<input type="checkbox"/> 6 <input type="checkbox"/> 7	
	<input checked="" type="checkbox"/> Goal Managing Railroad (design) Review schedule	8	<input checked="" type="checkbox"/> 9 <input type="checkbox"/> 10	72	<input checked="" type="checkbox"/> 6 <input type="checkbox"/> 7	48
	<input type="checkbox"/> Goal		<input type="checkbox"/> 9 <input type="checkbox"/> 10		<input type="checkbox"/> 6 <input type="checkbox"/> 7	
COST/FUNDING	<input checked="" type="checkbox"/> Goal Minimize project cost	5	<input checked="" type="checkbox"/> 8 <input type="checkbox"/> 9	40	<input checked="" type="checkbox"/> 6 <input type="checkbox"/> 7	30
	<input checked="" type="checkbox"/> Goal Complete the project on budget	8	<input checked="" type="checkbox"/> 8 <input type="checkbox"/> 9	64	<input checked="" type="checkbox"/> 6 <input type="checkbox"/> 7	48
	<input type="checkbox"/> Goal Maximize the project scope and improvements within the budget		<input type="checkbox"/> 4 <input type="checkbox"/> 5		<input type="checkbox"/> 6 <input type="checkbox"/> 7	
	<input type="checkbox"/> Goal Project cost must not exceed a specific amount		<input type="checkbox"/> 6 <input type="checkbox"/> 7		<input type="checkbox"/> 8 <input type="checkbox"/> 9	
	<input type="checkbox"/> Goal Determine the total project cost as early as possible in the schedule		<input type="checkbox"/> 9 <input type="checkbox"/> 10		<input type="checkbox"/> 9 <input type="checkbox"/> 10	
	<input checked="" type="checkbox"/> Goal Meet 3rd Party requirements with possible impacts in design and construction	7	<input checked="" type="checkbox"/> 8 <input type="checkbox"/> 9	56	<input checked="" type="checkbox"/> 4 <input type="checkbox"/> 5	28
	<input type="checkbox"/> Goal		<input type="checkbox"/> 8 <input type="checkbox"/> 9		<input type="checkbox"/> 6 <input type="checkbox"/> 7	
DS	<input type="checkbox"/> Goal Meet or exceed project quality/scope requirements —utilizing opportunities for innovation		<input type="checkbox"/> 6 <input type="checkbox"/> 7		<input type="checkbox"/> 9 <input type="checkbox"/> 10	
	<input checked="" type="checkbox"/> Goal Owner (RR) requires control of design to meet specific		<input checked="" type="checkbox"/> 6 <input type="checkbox"/> 7		<input checked="" type="checkbox"/> 9 <input type="checkbox"/> 10	

Final Project Delivery Method Selection Matrix

Consideration		Weight	DBB		DB	
			Rating	Score	Rating	Score
STANDARD	design and construction constraints and/or standards (such as aesthetics)	9	8 9	72	5 6	45
	<input checked="" type="checkbox"/> Goal WSDOT maintains control of specific project elements (such as significant ROW or environmental impacts)	9	<input checked="" type="checkbox"/> 8 <input type="checkbox"/> 9	72	<input checked="" type="checkbox"/> 5 <input type="checkbox"/> 6	45
	<input type="checkbox"/> Goal		<input type="checkbox"/> <input type="checkbox"/>		<input type="checkbox"/> <input type="checkbox"/>	
	<input type="checkbox"/> Goal		<input type="checkbox"/> <input type="checkbox"/>		<input type="checkbox"/> <input type="checkbox"/>	
FUNCTION/INNOVATION	<input checked="" type="checkbox"/> Goal Minimize maintenance and operations costs (assume maintenance and operations is not part of DB contract)	9	<input checked="" type="checkbox"/> 9 <input type="checkbox"/> 10	81	<input checked="" type="checkbox"/> 5 <input type="checkbox"/> 6	45
	<input type="checkbox"/> Goal Maximize capacity and mobility of improvements		<input type="checkbox"/> 6 <input type="checkbox"/> 7		<input type="checkbox"/> 8 <input type="checkbox"/> 9	
	<input checked="" type="checkbox"/> Goal Minimize impacts to the public and/or local businesses during construction	8	<input checked="" type="checkbox"/> 6 <input type="checkbox"/> 7	48	<input checked="" type="checkbox"/> 6 <input type="checkbox"/> 7	48
	<input checked="" type="checkbox"/> Goal Incorporate opportunities for innovation and efficiencies to meet specific requirements	7	<input checked="" type="checkbox"/> 4 <input type="checkbox"/> 5	28	<input checked="" type="checkbox"/> 9 <input type="checkbox"/> 10	63
	<input checked="" type="checkbox"/> Goal Avoid or minimize impacts to the project through risk transfer and innovation (such as environmental risks)	5	<input checked="" type="checkbox"/> 6 <input type="checkbox"/> 7	30	<input checked="" type="checkbox"/> 7 <input type="checkbox"/> 8	35
	<input type="checkbox"/> Goal Minimize project permanent area impact (footprint) (This would be project neutral unless the project is larger and more complex—then use the ratings ranges provided)		<input type="checkbox"/> 6 <input type="checkbox"/> 7		<input type="checkbox"/> 6 <input type="checkbox"/> 7	
	<input type="checkbox"/> Goal		<input type="checkbox"/> <input type="checkbox"/>		<input type="checkbox"/> <input type="checkbox"/>	
	<input type="checkbox"/> Goal		<input type="checkbox"/> <input type="checkbox"/>		<input type="checkbox"/> <input type="checkbox"/>	

Delivery method indicated by this matrix → → → **Design-Bid-Build** Totals— 608 465

Final Project Delivery Method Selected	
<input checked="" type="checkbox"/> Design-Bid-Build <input type="checkbox"/> Design-Build	
Authorization	
Project Engineer	
Name: Terrence Lynch	Signature:  Digitally signed by Terrence W. Lynch Date: 2022.12.01 09:55:14 -08'00'
PDE/EM Manager	
Name: _____ for Larry Larson	Signature: _____
Regional Administrator	
Name: Todd Trepanier	Signature: _____

Attach project information, assumptions and additional justification to Form

MEETING AGENDA

- ▶ **MEETING:** *US395/NSC Sprague Ave. to Spokane River - Stage 2 PDM Workshop*
- ▶ **DATE:** *11/30/22* **TIME:** 3:00 p.m. – 4:30 p.m.
- ▶ **PLACE:** *Virtual - Microsoft Teams Meeting*

I. Introductions

II. Purpose of Meeting

- Discuss PDM Process
- Validate the Project Delivery Method
 - Complete the PDM Matrix
 - Obtain Endorsement of the final PDM

III. Project Description/Status/Key Dates/ Critical Items of Work

- Stage 2
 - Ad Date: Anticipated February 2024 (DBB)
 - Projected O.C.: Anticipated December 2027
 - Design work Completed: (Sharron)
 - Noteworthy Items: RR Agreements, Utilities, GEC Bridge design, Real Estate acquisition,

IV. PDM Selection Discussion

- Review and discuss the draft Matrix
- Group Discussion on PDM Impacts
- Determine if additional goals are needed
- Collaboratively finalize the Matrix scoring

V. Other Items?

Attendees: Terrence Lynch, Sharron Mathews, Larry Larson, Robert Blegen, Ken Heale, Connie Raezer, Chad Simonson, Melinda Ziemann, Dustin Vaughn, Rafael Reyes, Kevin Waligorski, Glenn Wagemann, Rich Zeldenrust