

Appendix C

How to Complete the Selection Checklist

Appendix C – How to Complete the Selection Checklist

Section 1 – Using the Checklist to Determine Probable PDM

The purpose of the Selection Checklist is to provide an initial tool to quickly evaluate projects using a series of questions. The first part of the Checklist will quickly identify obvious DBB projects. If Alternative Project Delivery Methods are options, Parts II and III have more detailed questions that will determine possible PDMs. The Selection Checklist will determine the Probable Project Delivery Method in Parts I, II or III, reduce the options for Probable PDM before utilizing the Selection Matrix, or identify all three methods as options for Probable PDM for the Selection Matrix.

If your project cost for design and construction is less than \$2 Million, continue to use this appendix without pre-work. If your project cost for design and construction is \$2 Million or greater, then refer to Appendix B – Pre-Work, and complete the pre-work prior to filling out the Selection Checklist.

I. Selection Checklist Part 1

Part Ia

As already stated, Part Ia of the Selection Checklist is primarily used to quickly identify projects that are best suited to Design-Bid-Build. The intent of the Checklist is to provide a tool where the effort to identify the Probable PDM is scalable to the size and complexity of the project. Projects quickly identified as DBB will be projects that are smaller than \$2 Million (PE and Construction Cost). If there are still sufficient benefits to utilizing DB or GCCM, the Engineer may request an Exception and provide Justification on the form.

After responding to the questions in Part Ia, any “Yes” answers indicate Design-Bid-Build as the Probable PDM. Provide justification and assumptions for Probable PDM and complete Part IV.

If DBB is not the only Probable PDM in Part Ia, the Engineer will continue to Part Ib.

Part Ib

Part Ib is used to quickly screen out projects too small for GCCM as the PDM. A yes answer in Part Ib indicates GCCM is not a viable option. After completing Part Ib, go to Part II. If Ib indicates that GCCM is not a viable option, cross out GCCM as an option in Part II.

II. Selection Checklist Part II

The pre-work identified in Appendix B is necessary in order to complete this section. This section has a series of questions that are answered “Yes” or “No”. Above each response, the possible PDMS related to that response is indicated. Quickly answer the questions. Next, check the box for questions that relate to your Project Constraints, if any. Do your Constraint(s) remove options for Probable PDM? Provide

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justification for each Project Constraint including why it is a constraint and attach it to the checklist as backup.

Next, check the box on questions that relate to your primary Project Goals. Provide justification for each of these answers and why it is a primary Goal. Do the majority of the answers that relate to primary Project Goals indicate a Probable PDM that was not eliminated by a Constraint? Focusing on the results to questions relating to the Project Goals will narrow the focus. The Engineer may choose to use secondary Project Goals also, if needed.

Indicate the results of Project Constraint or Goal answers at the end of this section and continue to Part III.

If the PDM is obvious before identifying Project Goals related to questions, the Project Engineer may choose to skip this step. However, Project Constraints, if any, must be identified and justified and used to limit the possible PDM's in Part II of the Selection Checklist. However, Project Constraints that affect PDM selection are very rare.

Exceptions

If there is an Exception to the guidance provided by the answers to the questions in Part II, which meets the requirements of the RCW's in Part III, indicate the Exception and provide the Justification.

III. Selection Checklist Part III

Part III addresses the requirements in the RCW's associated with using an Alternative PDM. Answer the questions to determine if an Alternative PDM (DBB or GCCM) is a viable option under the RCWs.

IV. Selection Checklist Part IV

Finally, fill out Part IV by indicating that "A Probable PDM has been determined" and checking the box for the PDM, and follow the requirements for endorsement of the Probable PDM or;

Indicate that "More than one Viable Option has been determined", check the boxes for all the PDM's possible, and complete the Selection Matrix to determine the Probable PDM.

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Section 2 – Explanation of the Selection Checklist for Determining Probable PDM

The following Selection Checklist has explanations to assist filling out the various parts of the Checklist to determine the Probable PDM.

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Project Name		<input type="checkbox"/> Probable PDM	Date _____		
		<input type="checkbox"/> Final PDM	Date _____		
		<input type="checkbox"/> Change Final PDM	Date _____		
Project Status		<input type="checkbox"/> Project Summary <input type="checkbox"/> Initiation & Alignment <input type="checkbox"/> Planning & Endorsement (~10% Design) <input type="checkbox"/> Geometric Review (~30% Design) <input type="checkbox"/> Past Geometric Review (Past 30% Design)			
PART IA (SEE APPENDIX C)		DBB Only	DBB, DB or GCCM		
Cost	A. Is the Project Estimate \$2 Million or less*	<input type="checkbox"/> Yes	<input type="checkbox"/> No		
*RCW does not allow use of DB for a project contract cost (PE & Const.) less than \$2 Million					
A Yes answer above indicates Design-Bid-Build as the Project Delivery Method					
Part IA: Probable Project Delivery Method Recommendation					
<input type="checkbox"/> DBB Only <input type="checkbox"/> DBB, DB or GCCM (Go to Part IB) <input type="checkbox"/> Proposed Exception (Go to Part IB) If DBB Only is selected, skip Parts II and III and go to Part IV					
Part IA: Final Project Delivery Method Recommendation					
<input type="checkbox"/> DBB Only <input type="checkbox"/> DBB, DB or GCCM (Go to Part IB) <input type="checkbox"/> Proposed Exception (Go to Part IB) If DBB Only is selected, skip Part II and III and go to Part V					
Part IA: Change Final Project Delivery Method Recommendation					
<input type="checkbox"/> DBB Only <input type="checkbox"/> DBB, DB or GCCM (Go to Part IB) <input type="checkbox"/> Proposed Exception (Go to Part IB) If DBB Only is selected, skip Part II and III and go to Part VI					
PART IB (SEE APPENDIX C)		DBB or DB	DBB, DB or GCCM		
Cost	B. Is the Project Estimate \$10 Million or less?	<input type="checkbox"/> Yes	<input type="checkbox"/> No		
Note: Would not typically use GCCM for a project cost of \$10 Million or less.					
A Yes answer above indicate GCCM is not a viable Project Delivery Method					
Part IB: Probable Project Delivery Method Recommendation					
<input type="checkbox"/> DBB or DB Only (Go to Part II) and cross out GCCM as a Viable Option <input type="checkbox"/> DBB, DB or GCCM (Go to Part II)					
Part IB: Final Project Delivery Method Recommendation					
<input type="checkbox"/> DBB or DB Only (Go to Part II) and cross out GCCM as a Viable Option <input type="checkbox"/> DBB, DB or GCCM (Go to Part II)					
Part IB: Change Final Project Delivery Method Recommendation					
<input type="checkbox"/> DBB or DB Only (Go to Part II) and cross out GCCM as a Viable Option <input type="checkbox"/> DBB, DB or GCCM (Go to Part II)					
PART II			IS QUESTION RELATED TO A GOAL OR CONSTRAINT?		
SEE APPENDIX C FOR GUIDANCE ON FILLING OUT THIS CHECKLIST					
Schedule	A. Are there 3 rd party agreements with local government or agencies that require a full design before execution? (Is a significant portion of the project impacted?)	DBB/GCCM <input type="checkbox"/> Yes	DB <input type="checkbox"/> No	Goal <input type="checkbox"/>	Const <input type="checkbox"/>
	Justification:				
	B. Are there long lead, lengthy environmental permits or ROW issues that would delay start of Construction? (Is a significant portion of the project impacted?)	DBB/GCCM <input type="checkbox"/> Yes	DB <input type="checkbox"/> No	Goal <input type="checkbox"/>	Const <input type="checkbox"/>
Justification:					

Comment [ET1]: INDICATE IF PROBABLE PDM AND DATE

Comment [ET2]: INDICATE LEVEL OF DESIGN STATUS OF THE PROJECT PER THE DESIGN MANUAL AND THE PROJECT DEVELOPMENT DELIVERABLES MATRIX

Comment [ET3]: THE \$2 MILLION DOLLAR LIMIT REFERS TO A POTENTIAL DB CONTRACT WHICH WOULD INCLUDE THE COST FOR THE DESIGN AND CONSTRUCTION IN ALL OTHER CASES, THE COST OF THE PROJECT REFERS TO THE TOTAL PROJECT COST

Comment [ET4]: BASED ON THE ANSWERS IN PART IA, INDICATE

- DBB ONLY,
- DBB,DB OR GCCM OR
- AN EXCEPTION

Comment [ET5]: PART IB IS INCLUDED TO QUICKLY SCREEN OUT GCCM IF THE PROJECT CONTRACT COST IS \$10 MILLION OR LESS

Comment [ET6]: IF YES, CROSS GCCM OUT AS A POSSIBLE RESULT IN PART II, III AND IV

Comment [ET7]: BASED ON THE ANSWERS IN PART IB, INDICATE

- DBB or DB ONLY,
- DBB,DB OR GCCM

Comment [ET8]:

- ANSWER THE QUESTIONS IN PART II
- INDICATE CONSTRAINTS AND PROVIDE BACKUP FOR THESE CONSTRAINTS
- OPTIONAL - INDICATE PRIMARY GOALS (AND SECONDARY IF NEEDED) AND PROVIDE BACKUP FOR THESE GOALS

Comment [ET9]: IN SOME CASES, A LOCAL GOVERNMENT OR AGENCY MAY REQUIRE THE DESIGN TO BE COMPLETE BEFORE THEY WILL ENTER INTO A 3RD PARTY AGREEMENT. THIS CAN SIGNIFICANTLY IMPACT THE ABILITY TO USE DB.

Comment [ET10]: LENGTHY ACTIVITIES THAT CAN BE DONE CONCURRENT WITH A TRADITIONAL DESIGN PHASE NEGATES THE SCHEDULE BENEFITS OF DB.

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Complexity and Innovation	C. Is early obligation of funds necessary? (Such as a deadline to obligate grant funding)	DB <input type="checkbox"/> Yes	DBB/GCCM <input type="checkbox"/> No	Goal <input type="checkbox"/>	Const <input type="checkbox"/>
	Justification:				
	D. Is there time to prepare 100% design?	DBB/GCCM <input type="checkbox"/> Yes	DB <input type="checkbox"/> No	Goal <input type="checkbox"/>	Const <input type="checkbox"/>
	Justification:				
	E. Is there a need to compress the schedule?	DB <input type="checkbox"/> Yes	DBB/GCCM <input type="checkbox"/> No	Goal <input type="checkbox"/>	Const <input type="checkbox"/>
	Justification:				
	F. Do funding limits restrict when the schedule can start? (Such as the Biennium)?	DBB/GCCM <input type="checkbox"/> Yes	DB <input type="checkbox"/> No	Goal <input type="checkbox"/>	Const <input type="checkbox"/>
	Justification:				
	G. Are there significant risks that could be better managed by others than WSDOT?	DB <input type="checkbox"/> Yes	DBB/GCCM <input type="checkbox"/> No	Goal <input type="checkbox"/>	Const <input type="checkbox"/>
	Justification:				
	H. Does the project involve specialty engineering or high-tech designs or have other opportunities for innovation?	DBB/GCCM <input type="checkbox"/> Yes	DBB <input type="checkbox"/> No	Goal <input type="checkbox"/>	Const <input type="checkbox"/>
	Justification:				
I. Does the project require complex phasing and staging with the possibility of high impacts to the public?	DBB/GCCM <input type="checkbox"/> Yes	DBB <input type="checkbox"/> No	Goal <input type="checkbox"/>	Const <input type="checkbox"/>	
Justification:					
J. Does an existing road or facility need to remain in service? (no options for detour or an alternate facility available and a significant portion of the project is impacted)	DBB/GCCM <input type="checkbox"/> Yes	DBB <input type="checkbox"/> No	Goal <input type="checkbox"/>	Const <input type="checkbox"/>	
Justification:					
K. Is WSDOT willing to give up control of design and/or construction on this project?	DB <input type="checkbox"/> Yes	DBB/GCCM <input type="checkbox"/> No	Goal <input type="checkbox"/>	Const <input type="checkbox"/>	
Justification:					
L. Are critical 3 rd party involvement and changes likely during design & construction?	DBB/GCCM <input type="checkbox"/> Yes	DB <input type="checkbox"/> No	Goal <input type="checkbox"/>	Const <input type="checkbox"/>	
Justification:					
Cost/Funding	M. Is early certainty of the total project cost important? (Increased certainty of total cost early in the project needed due to funding or project constraints)	DB <input type="checkbox"/> Yes	DBB/GCCM <input type="checkbox"/> No	Goal <input type="checkbox"/>	Const <input type="checkbox"/>
Justification:					

Comment [ET11]: SOME SOURCES OF FUNDING MAY HAVE A DEADLINE FOR THE OBLIGATION OF FUNDS. IF THE DEADLINE IS TIGHT, DB CAN OBLIGATE THE MAJORITY OF FUNDS EARLY IN THE PROJECT THROUGH THE CONTRACT WITH THE DESIGN-BUILDER FOR BOTH DESIGN AND CONSTRUCTION

Comment [ET12]: IF THE ANSWER IS NO, THIS MAY BE A CONSTRAINT THAT REQUIRES YOU TO USE DB.

Comment [ET13]: THIS QUESTION RELATES TO MINIMIZING THE PROJECT SCHEDULE. DB IS THE BEST PDM FOR COMPRESSION THE SCHEDULE AS MUCH AS POSSIBLE AS WELL AS THE RISK TRANSFER OF MEETING CRITICAL MILESTONES.

Comment [ET14]: THE SCHEDULES FOR SMALLER DESIGN-BUILD PROJECTS WITH ONE CONSTRUCTION SEASON MAY BE IMPACTED BY FUNDING LIMITS, NEGATING SCHEDULE COMPRESSION BENEFITS.

Comment [ET15]: DB ALLOWS FOR BETTER TRANSFER OF RISK. THE DESIGN RISK IS AUTOMATICALLY TRANSFERRED TO THE DESIGN-BUILDER BASED ON THE CONTRACT.

Comment [ET16]: AN EXAMPLE WOULD BE A BRIDGE PROJECT.

Comment [ET17]: BOTH GCCM AND DB ARE CONSIDERED MORE EFFECTIVE WHEN AN EXISTING FACILITY MUST REMAIN IN SERVICE.

Comment [ET18]: WSDOT ASSIGNS THE DESIGN AND QA FUNCTIONS TO THE DESIGN-BUILDER IN A DB CONTRACT.

Comment [ET19]: IN HIGH DENSITY AREAS, CRITICAL 3RD PARTY REQUIREMENTS MAY BE PART OF THE PROCESS, AND MAY CAUSE CHANGES DURING DESIGN AND/OR CONSTRUCTION. BOTH DBB AND GCCM HAVE LONGER TO INCORPORATE CHANGES THROUGH THE DESIGN STAGE. THE COLLABORATION OF GCCM GIVES IT THE MOST FLEXIBILITY FOR DEALING WITH CHANGES DURING CONSTRUCTION, INCLUDING DEFERRING WORK THAT HAS PENDING 3RD PARTY CHANGES.

Comment [ET20]: KNOWING THE TOTAL PROJECT COST BASED ON A COMMITTED CONTRACT (LIKE A DB CONTRACT FOR DESIGN AND CONSTRUCTION) LESS LIKELIHOOD OF CHANGE ORDERS (DB CONTRACT) CAN BE IMPORTANT WHERE FUNDING CONTINGENCY IS LIMITED, PROJECT COST LIMITS ARE SENSITIVE, ETC. THIS IS NOT COMMON WITH WSDOT.

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The following PDM Options are indicated from the responses to the questions in Part II (Constraints and Goals)

DBB DB GCCM

Proposed Exceptions or Change to Final PDM	(Optional) Describe the proposed exception to the guidance provided by the questions in Part II or the Change to the project that resulted in a Change in the Final PDM:		
	Provide Justification for the Exception or Change:		
PART III: RCW REQUIREMENTS TO USE DESIGN-BUILD OR GENERAL CONTRACTOR/CONSTRUCTION MANAGER			
Design-Build RCW 47.20.785	1. Is the preliminary Engineer's Estimate \$2 Million or greater?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	If the answer to 1 is yes, continue with questions 1a through 1d. If no, Design-Build is not a viable option.		
	1a. Are construction activities highly specialized?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	1b. Is a DB approach critical in developing the construction methodology?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	1c. Does the project provide opportunity for greater innovation and efficiencies between the designer and builder?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	1d. Would use of DB result in significant reduction to the overall project schedule or critical milestones?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	If yes was selected for any of questions 1a through 1d, Design-Build is a viable PDM option.		
GCCM RCW 39.10.340	2. Is CPARB approval to use GCCM likely?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	If the answer to 2 is yes, continue with questions 2a through 2e. If no, General Contractor/ Construction Manager is not a viable option.		
	2a: Does the project involve complex scheduling, phasing or coordination?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	2b: Does the project involve construction at an occupied facility which must continue to operate during construction?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	2c: Is involvement of General Contractor/Construction Manager input during design critical to project success?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	2d: Does the project encompass a complex or technical work environment?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	2e: Does the project require specialized work on a building that has historic significance?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
If yes was selected for any of questions 2a through 2e, General Contractor/Construction Manager is a viable PDM option.			

Comment [ET21]: WHICH PROBABLE PDM(S) ARE INDICATED FROM THE RESPONSES TO THE QUESTIONS ABOVE. INCLUDING THE CONSTRAINTS AND GOALS? INDICATE ONE OR MORE PROBABLE PDM HERE AND GO TO PART III

Comment [ET22]: THE ENGINEER MAY WANT TO PROPOSE A PROBABLE PDM THAT DIFFERS FROM THE PDM OR PDM(S) INDICATED FROM PART II. HOWEVER, THE EXCEPTION PDM MUST BE A VIABLE OPTION PER PART III (MEET THE RCW REQUIREMENTS) OR BE DBB. DESCRIBE AND JUSTIFY A PROBABLE PDM THAT IS AN EXCEPTION TO PART II – CHECK IT IS A VIABLE OPTION FROM PART III. COMPLETE PART IV

Comment [ET23]: ANSWER THE QUESTIONS IN PART III. THESE DOCUMENT THE RCW REQUIREMENTS TO USE AN ALTERNATIVE PDM (DB OR GCCM)

Comment [ET24]: IF THE PROJECT CONTRACT COST IS \$10 MILLION OR LESS, THIS IS A NO. IF GCCM IS A POSSIBILITY FROM THE QUESTIONS IN PART II, THIS IS PROBABLY A YES. PROVIDE BACKUP FOR YOUR RESPONSE.

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PART IV: PROBABLE PROJECT DELIVERY METHOD	
<input type="checkbox"/> A Probable Delivery Method has been determined <input type="checkbox"/> DBB <input type="checkbox"/> DB <input type="checkbox"/> GCCM	
<input type="checkbox"/> More than one Viable Options have been determined and the Selection Matrix will be completed <input type="checkbox"/> DBB <input type="checkbox"/> DB <input type="checkbox"/> GCCM	
Preparer Name and Title:	Authorizing Name and Title:
Preparer Signature:	Authorizing Signature:
State Construction Office Endorsement	ASCE Signature:
State Design Office Endorsement	ASDE Signature:
PART V: FINAL PROJECT DELIVERY METHOD	
<input type="checkbox"/> A Final Project Delivery Method has been determined through validation or revision of this Checklist <input type="checkbox"/> DBB <input type="checkbox"/> DB <input type="checkbox"/> GCCM	
<input type="checkbox"/> More than one Viable Options have been determined and the Selection Matrix and/or Workshop will be completed <input type="checkbox"/> DBB <input type="checkbox"/> DB <input type="checkbox"/> GCCM	
Preparer Name and Title:	Authorizing Name and Title:
Preparer Signature:	Authorizing Signature:
State Construction Office endorsement	ASCE Signature:
State Design Office endorsement	ASDE Signature:
PART VI: CHANGE TO APPROVED FINAL PROJECT DELIVERY METHOD	
<input type="checkbox"/> A Changed Final Project Delivery Method has been determined through validation or revision of this Checklist <input type="checkbox"/> DBB <input type="checkbox"/> DB <input type="checkbox"/> GCCM	
<input type="checkbox"/> More than one Viable Options have been determined and the Selection Matrix and/or Workshop will be completed <input type="checkbox"/> DBB <input type="checkbox"/> DB <input type="checkbox"/> GCCM	
Preparer Name and Title:	Authorizing Name and Title:
Preparer Signature:	Authorizing Signature:
State Construction Office endorsement	ASCE Signature:
State Design Office endorsement	ASDE Signature:

Comment [ET25]: IF A PROBABLE PDM HAS BEEN DETERMINED, INDICATE IT IN THIS SECTION

Comment [ET26]: IF THERE IS MORE THAN ONE OPTION FOR PROBABLE PDM, INDICATE THE OPTIONS IN THIS SECTION AND COMPLETE THE SELECTION MATRIX THE SELECTION MATRIX IS ALSO REQUIRED TO DETERMINE PROBABLE PDM IF A PROJECT ESTIMATE IS EQUAL TO OR GREATER THAN \$25 MILLION.

Comment [ET27]: REGIONAL ADMINISTRATOR ENDORSEMENT IS REQUIRED IF THE PROJECT CONTRACT COST IS \$25 MILLION OR GREATER OR AN EXCEPTION TO THE GUIDANCE IS REQUESTED.

Comment [ET28]: ASCE ENDORSEMENT IS REQUIRED IF THE PROJECT IS \$25 MILLION OR OVER OR AN EXCEPTION TO THE GUIDANCE IS REQUESTED.

Comment [ET29]: ASDE ENDORSEMENT IS REQUIRED IF THE PROJECT IS \$25 MILLION OR OVER OR AN EXCEPTION TO THE GUIDANCE IS REQUESTED.

Attach project information, assumptions and additional justification to Form.

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Section 3 – Example Selection Checklist for Determining Probable PDM

The following Selection Checklist is an example of a filled out Selection Checklist for determining the Probable PDM. The example project information is provided on a Project Delivery Description Worksheet. This is abbreviated backup; a real project will have much more detail and backup than just the Project Delivery Description Worksheet.

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Project Delivery Description Worksheet

Project Attributes
Project Name: Project X – Bridge Replacement and HOV Connection
Location: I-A/SR-B
Project Goals and Constraints: Minimize Schedule Minimize Impacts to the traveling public and local municipality (businesses) Minimize Environmental impacts Minimize Operations and Maintenance costs There are no Project Constraints (this is typical)
Estimated Budget: \$24,000,000
Estimated Project Schedule: Completion Date 11/1/2017
Required Project Completion or Milestone Dates (if applicable): Complete Milestone for Phase I of project to allow Project Y to start 8/15/2016
Source(s) of Project Funding: Transportation package
Project Corridor: I-A
Major Features of Work – pavement, bridge, sound barriers, etc.: Bridge replacement and HOV connector
Major Schedule Milestones: Complete Phase I by 8/15/2016
Major Project Stakeholders: Municipality B
Major Obstacles (as applicable) Resolve issues on 3 rd party agreement with Municipality B so doesn't hold up design (Project design is not required before execution of the agreement)
Major Obstacles with Right of Way, Utilities, and/or Environmental Approvals: Avoid any impact to Sensitive Environmental Area A Delay on ROW's not expected
Major Obstacles during Construction Phase: Complex staging and phasing to maintain access to Municipality B Businesses Noise impacts during construction Safety issues working on river banks
Preliminary Risks Identified: Delays receiving Environmental Permits Delays with 3 rd Party agreement/or changes Difficulty meeting milestone that impacts Project Y Unknown utilities cause delays and cost impacts
Safety Issues: may be difficult to excavate safely at the steep embankments at river unusual flood levels could threaten existing bridge (because designed with older standards) if construction delayed
Construction Requirements: WSDOT BDM and Standards

Comment [ET30]: The milestone in Project X (for Project Y to start) is not a project constraint, as in, Project X cannot be successful without meeting this goal. However, it contributes to the **Goal** to minimize the schedule. The impacts from the third party agreement could also impact the schedule goal, but again, is not a constraint.

It is rare for a constraint to affect the selection of the PDM, but since it can happen, constraints must be evaluated.

Comment [ET31]: It is preferred that an agreement is executed prior to advertising, but there are options to working around this issue regardless of the contracting type.

Comment [ET32]: This is a project limitation, but is not a constraint on the selection of the PDM as it can be accommodated regardless of the PDM (again, this is typical)

Comment [ET33]: This can be a typical issue, regardless of the selected PDM.

Comment [ET34]: This may be part of the reason for the goal to minimize schedule due to potential issues with the current bridge.

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Project Name		Project X – Bridge Replacement and HOV Connection		<input checked="" type="checkbox"/> Probable PDM	Date <u>6/24/2015</u>
				<input type="checkbox"/> Final PDM	Date _____
				<input type="checkbox"/> Change Final PDM	Date _____
Project Status		<input checked="" type="checkbox"/> Project Summary <input type="checkbox"/> Initiation & Alignment <input type="checkbox"/> Planning & Endorsement (~10% Design) <input type="checkbox"/> Geometric Review (~30% Design) <input type="checkbox"/> Past Geometric Review (Past 30% Design)			
PART IA (SEE APPENDIX C)		DBB Only		DBB, DB or GCCM	
Cost	A. Is the Project Estimate \$2 Million or less	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		
Note: RCW does not allow use of DB for a project less than \$2 Million					
A Yes answer above indicate Design-Bid-Build as the Project Delivery Method					
Part IA: Probable Project Delivery Method Recommendation <input type="checkbox"/> DBB Only <input checked="" type="checkbox"/> DBB, DB or GCCM (Go to Part IB) <input type="checkbox"/> Proposed Exception (Go to Part IB) If DBB Only is selected, skip Parts II and III and go to Part IV Part IA: Final Project Delivery Method Recommendation <input type="checkbox"/> DBB Only <input type="checkbox"/> DBB, DB or GCCM (Go to Part IB) <input type="checkbox"/> Proposed Exception (Go to Part IB) If DBB Only is selected, skip Part II and III and go to Part V Part IA: Change Final Project Delivery Method Recommendation <input type="checkbox"/> DBB Only <input type="checkbox"/> DBB, DB or GCCM (Go to Part IB) <input type="checkbox"/> Proposed Exception (Go to Part IB) If DBB Only is selected, skip Part II and III and go to Part VI					
PART IB (SEE APPENDIX C)		DBB or DB		DBB, DB or GCCM	
Cost	B. Is the Project Estimate \$10 Million or less?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		
Note: Would not typically use GCCM for a project at \$10 Million or less.					
A Yes answer above indicate GCCM is not a viable Project Delivery Method					
Part IB: Probable Project Delivery Method Recommendation <input type="checkbox"/> DBB or DB Only (Go to Part II) and cross out GCCM as a Viable Option <input checked="" type="checkbox"/> DBB, DB or GCCM (Go to Part II) Part IB: Final Project Delivery Method Recommendation <input type="checkbox"/> DBB or DB Only (Go to Part II) and cross out GCCM as a Viable Option <input type="checkbox"/> DBB, DB or GCCM (Go to Part II) Part IB: Change Final Project Delivery Method Recommendation <input type="checkbox"/> DBB or DB Only (Go to Part II) and cross out GCCM as a Viable Option <input type="checkbox"/> DBB, DB or GCCM (Go to Part II)					
PART II SEE APPENDIX C FOR GUIDANCE ON FILLING OUT THIS CHECKLIST				IS QUESTION RELATED TO A GOAL OR CONSTRAINT?	
<u>Schedule</u>	A. Are there 3 rd party agreements with local government or agencies that require a full design before execution? (Is a significant portion of the project impacted?)	DBB/GCCM <input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Goal	Const
	Justification: Municipality B OK with Preliminary Design for 3 rd Party Agreement				
	B. Are there long lead, lengthy environmental permits or ROW issues that would delay start of Construction? (Is a significant portion of the project impacted?)	DBB/GCCM <input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Goal	Const
Justification: Impact to Area A could cause a lengthy process but that impact is not allowed on this					

Comment [ET35]: This response indicates that all three PDM's are possible

Comment [ET36]: This response indicates that all three PDM's are possible

Comment [ET37]: Refer to the information in the Example Project Delivery Description Worksheet. Major Obstacles

Comment [ET38]: Example Project Delivery Description Worksheet, Major Obstacles with Right of Way, Utilities, and/or Environmental Approvals

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Project Delivery Description Worksheet

	project.				
	C. Is early obligation of funds necessary? (Such as a deadline to obligate grant funding)	DB <input type="checkbox"/> Yes	DBB/GCCM <input checked="" type="checkbox"/> No	Goal <input type="checkbox"/>	Const <input type="checkbox"/>
	Justification: No grant funding that would require this.				
	D. Is there time to prepare 100% design?	DBB/GCCM <input type="checkbox"/> Yes	DB <input checked="" type="checkbox"/> No	Goal <input type="checkbox"/>	Const <input type="checkbox"/>
	Justification: Phase I construction must start before Phase II design is completed				
	E. Is there a need to compress the schedule?	DB <input checked="" type="checkbox"/> Yes	DBB/GCCM <input type="checkbox"/> No	Goal <input checked="" type="checkbox"/>	Const <input type="checkbox"/>
	Justification: Overall schedule needs to be compressed to reduce the overall impact of the construction to the area and address safety concerns with existing bridge.				
	F. Do funding limits restrict when the schedule can start? (Such as the Biennium)?	DBB/GCCM <input type="checkbox"/> Yes	DB <input checked="" type="checkbox"/> No	Goal <input type="checkbox"/>	Const <input type="checkbox"/>
	Justification:				
<u>Complexity and Innovation</u>	G. Are there significant risks that could be better managed by others than WSDOT?	DB <input checked="" type="checkbox"/> Yes	DBB/GCCM <input type="checkbox"/> No	Goal <input checked="" type="checkbox"/>	Const <input type="checkbox"/>
	Justification: Avoiding Area A impacts, impacts to public and local businesses, impacts to environment, minimize schedule and meet milestones				
	H. Does the project involve specialty engineering or high-tech designs or have other opportunities for innovation?	DB/GCCM <input checked="" type="checkbox"/> Yes	DBB <input type="checkbox"/> No	Goal <input type="checkbox"/>	Const <input type="checkbox"/>
	Justification: Bridge construction, Options for design to avoid impact to Environmentally Sensitive Area A, ITS for HOV Connector				
	I. Does the project require complex phasing and staging with the possibility of high impacts to the public?	DB/GCCM <input checked="" type="checkbox"/> Yes	DBB <input type="checkbox"/> No	Goal <input checked="" type="checkbox"/>	Const <input type="checkbox"/>
	Justification: Necessary to maintain access for local businesses and the traveling public.				
	J. Does an existing road or facility need to remain in service? (no options for detour or an alternate facility available and a significant portion of the project is impacted)	DB/GCCM <input type="checkbox"/> Yes	DBB <input checked="" type="checkbox"/> No	Goal <input type="checkbox"/>	Const <input type="checkbox"/>
Justification: NA					
K. Is WSDOT willing to give up control of design and/or construction on this project?	DB <input checked="" type="checkbox"/> Yes	DBB/GCCM <input type="checkbox"/> No	Goal <input type="checkbox"/>	Const <input type="checkbox"/>	
Justification: There are no performance requirements like aesthetics that would require WSDOT control of design. Quality Management will address concerns assigning QA to Contractor as Design-Builder.					
L. Are critical 3 rd party involvement and changes likely during design & construction?	DBB/GCCM <input checked="" type="checkbox"/> Yes	DB <input type="checkbox"/> No	Goal <input type="checkbox"/>	Const <input type="checkbox"/>	
Justification: Municipality B may have changes in design and construction that could impact the project. However, the majority of the project will not be impacted by this.					
<u>Cost/Funding</u>	M. Is early certainty of the total project cost important? (Increased certainty of total cost early in the project needed due to funding or project constraints)	DB <input type="checkbox"/> Yes	DBB/GCCM <input checked="" type="checkbox"/> No	Goal <input type="checkbox"/>	Const <input type="checkbox"/>

Comment [ET39]: Example Project Delivery Description Worksheet, Funding

Comment [ET40]: Example Project Delivery Description Worksheet, Required Project Completion or Milestone Dates (if applicable)

Comment [ET41]: Example Project Delivery Description Worksheet, Project Goals and Constraints

Comment [ET42]: Minimize Schedule is a Goal

Comment [ET43]: Answer is no as is not listed as an obstacle or risk

Comment [ET44]: See the risks listed in the justification.

Comment [ET45]: This supports the goals for minimizing schedule and avoiding impacts.

Comment [ET46]: The HOV connector has ITS specialty work

Comment [ET47]: Example Project Delivery Description Worksheet, Major Obstacles during Construction

Comment [ET48]: This questions is related to the goal to minimize impacts to local businesses

Comment [ET49]: In some cases you may have a No answer when control of the design is desirable by the Owner due to design decisions that are difficult to put in RFP or sensitive issues that may require close Owner oversight and decision making on details that would be difficult to anticipate in a contract document.

Comment [ET50]: Municipality B 3rd Party agreement seems contentious so there is risk of changes after execution that the owner may have to consider.

Comment [ET51]: Is not a requirement in the Example Project Delivery Description Worksheet

Appendix C – How to Complete the Selection Checklist

Project Delivery Description Worksheet

Justification: NA		
The following PDM Options are indicated from the responses to the questions in Part II (Constraints and Goals)		
<input type="checkbox"/> DBB <input checked="" type="checkbox"/> DB <input type="checkbox"/> GCCM		
Proposed Exceptions or Change to Final PDM	(Optional) Describe the proposed exception to the guidance provided by the questions in Part II or the Change to the project that resulted in a Change in the Final PDM:	
	Provide Justification for the Exception or Change:	
PART III: RCW REQUIREMENTS TO USE DESIGN-BUILD OR GENERAL CONTRACTOR/CONSTRUCTION MANAGER		
Design-Build RCW 47.20.785	1. Is the preliminary Engineer's Estimate \$2 Million or greater?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	If the answer to 1 is yes, continue with questions 1a through 1d. If no, Design-Build is not a viable option.	
	1a. Are construction activities highly specialized?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	1b. Is a DB approach critical in developing the construction methodology?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	1c. Does the project provide opportunity for greater innovation and efficiencies between the designer and builder?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	1d. Would use of DB result in significant reduction to the overall project schedule or critical milestones?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	If yes was selected for any of questions 1a through 1d, Design-Build is a viable PDM option.	
GCCM RCW 39.10.340	2. Is CPARB approval to use GCCM likely?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	If the answer to 2 is yes, continue with questions 2a through 2e. If no, General Contractor/ Construction Manager is not a viable option.	
	2a: Does the project involve complex scheduling, phasing or coordination?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	2b: Does the project involve construction at an occupied facility which must continue to operate during construction?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2c: Is involvement of General Contractor/Construction Manager input during design critical to project success?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	2d: Does the project encompass a complex or technical work environment?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	2e: Does the project require specialized work on a building that has historic significance?	<input type="checkbox"/> Yes <input type="checkbox"/> No
If yes was selected for any of questions 2a through 2e, General Contractor/Construction Manager is a viable PDM option.		

Comment [ET52]: Part II analysis
#1-DB came up a total of 9 times
 7 times alone and 2 times with GCCM
#2-GCCM came up a total of 5 times
 3 times with DBB and 2 times with DB
#3-DBB came up a total of 4 times
 1 time alone and 3 times with GCCM

The above indicates DB as the optimal delivery method.

If needed, the Engineer will focus on answers that relate to goals (and constraints if any)
 Three questions were goal related-
#1 DB in all three
 2 indicating DB alone and 1 with GCCM
#2 GCCM in 1 with DB

DB is indicated as the Probable PDM from Part II

Comment [ET53]: Although GCCM is not indicated in Part II, completing this section to show that GCCM is an option per the RCW's can be quickly done and is shown for completeness and provides backup if a change occurs to the recommended PDM.

Appendix C – How to Complete the Selection Checklist

Project Delivery Description Worksheet

PART IV: PROBABLE PROJECT DELIVERY METHOD	
<input type="checkbox"/> A Probable Delivery Method has been determined <input type="checkbox"/> DBB <input checked="" type="checkbox"/> DB <input type="checkbox"/> GCCM	
<input type="checkbox"/> More than one Viable Options have been determined and the Selection Matrix will be completed <input type="checkbox"/> DBB <input type="checkbox"/> DB <input type="checkbox"/> GCCM	
Preparer Name and Title: Mr. Project Engineer, Project Engineer	Authorizing Name and Title:
Preparer Signature: <i>Mr. Project Engineer 6/30/2015</i>	Authorizing Signature:
State Construction Office Endorsement	ASCE Signature:
State Design Office Endorsement	ASDE Signature:
PART V: FINAL PROJECT DELIVERY METHOD	
<input type="checkbox"/> A Final Project Delivery Method has been determined through validation or revision of this Checklist <input type="checkbox"/> DBB <input type="checkbox"/> DB <input type="checkbox"/> GCCM	
<input type="checkbox"/> More than one Viable Options have been determined and the Selection Matrix and/or Workshop will be completed <input type="checkbox"/> DBB <input type="checkbox"/> DB <input type="checkbox"/> GCCM	
Preparer Name and Title:	Authorizing Name and Title:
Preparer Signature:	Authorizing Signature:
State Construction Office endorsement	ASCE Signature:
State Design Office endorsement	ASDE Signature:
PART VI: CHANGE TO APPROVED FINAL PROJECT DELIVERY METHOD	
<input type="checkbox"/> A Changed Final Project Delivery Method has been determined through validation or revision of this Checklist <input type="checkbox"/> DBB <input type="checkbox"/> DB <input type="checkbox"/> GCCM	
<input type="checkbox"/> More than one Viable Options have been determined and the Selection Matrix and/or Workshop will be completed <input type="checkbox"/> DBB <input type="checkbox"/> DB <input type="checkbox"/> GCCM	
Preparer Name and Title:	Authorizing Name and Title:
Preparer Signature:	Authorizing Signature:
State Construction Office endorsement	ASCE Signature:
State Design Office endorsement	ASDE Signature:

Comment [ET54]: RA endorsement is required if an exception is requested. Otherwise, the Region determines who authorizes the Probable PDM when using the Selection Checklist.

If the project budget is \$25 Million or greater, the checklist would not be used for Probable PDM.

Comment [ET55]: ASCE and ASDE endorsement is not required unless an exception is requested.

If the project budget is \$25 Million or greater, the checklist would not be used for Probable PDM.

Attach project information, assumptions and additional justification to Form.

Appendix C – How to Complete the Selection Checklist

Part 4 – Using the Checklist to Determine Final PDM

The Project Engineer uses a copy of the Probable PDM Selection Checklist as the starting point for determining the Final PDM if both of the following are true:

- The Probable PDM was determined using the Selection Checklist
- The Project Budget continues to be less than \$25 Million

The purpose of the Selection Checklist is to provide an initial tool to quickly evaluate projects using a series of questions. After completing the pre-work identified in the PDMSG, document any changes to the project information and attributes that may affect the Final PDM determination.

I. Selection Checklist Part I

Utilizing a copy of the original Probable PDM Checklist, fill in the Final PDM Sections, read the questions and answers and change any responses due to changes in the project since the definition phase **in a different color ink or font** on the Probable PDM Checklist, or on a new Selection Checklist with the Probable PDM Checklist, with backup attached. After responding to the questions in Part Ia, any “Yes” answers indicate Design-Bid-Build as the Probable PDM. Provide Justification for the Final PDM and complete Part V.

If DBB is not the only Final PDM in Part I, the Engineer will continue to Part Ib and then to Part II.

II. Selection Checklist Part II

This section has a series of questions that are answered “Yes” or “No”. Read the questions and answers and change any responses due to changes in the project since the definition phase by striking out the previous answer and checking the new answer in a different color ink or font unless filling in a new Selection Checklist.

Project Constraints

Review the questions that relate to Project Constraints (if any) and the justification and revise if necessary. Do the revised Constraints remove options for Final PDM? Have they changed?

Project Goals

Review questions that relate to the primary Project Goals and check additional boxes if needed. Revise or add the justification for each of these answers, as needed, and explain why it is a primary Goal.

Do the majority of the answers that relate to primary Project Goals indicate a Final PDM that was not eliminated by a Constraint? Are there a reduced number of options for Final PDM? The results to questions relating to the Project Goals will narrow the focus to assist in selecting the Final PDM.

Appendix C – How to Complete the Selection Checklist

The Engineer may choose to use secondary Project Goals also, if needed.

Revise the indicated results for Final PDM from the Constraint and/or Goal answers at the end of this section and continue to Part III.

If the PDM is obvious before identifying Project Goals related to questions, the Project Engineer may choose to skip this step. However, Project Constraints, if any, must be identified and justified and determine if any possible PDM's in Part II of the Selection Checklist are eliminated.

Exceptions

If an Exception to the guidance provided by the answers to the questions in Part II is requested, the PDM requested in the exception must meet the requirements of the RCW's in Part III. Provide the justification for the exception, including any risks or secondary goals that may have an impact on this decision.

III. Selection Checklist Part III

Part III addresses the requirements in the RCW's associated with using Alternative Delivery. Revise the responses to the questions if necessary to determine if Alternative Delivery (DBB or GCCM) is a viable option under the RCWs.

Selection Checklist Part V

Fill out Part V by indicating that "A Final PDM has been determined" and checking the box for the PDM, and follow the requirements for approval of the Final PDM

or;

Indicate that "More than one Viable Option has been determined", check the boxes for all the PDM's possible, and complete the Selection Matrix to determine the Final PDM.

Appendix C – How to Complete the Selection Checklist

Part 5 – Explanation of the Selection Checklist for Determining the Final PDM

The following Selection Checklist has explanations for how to fill out the various parts of the Checklist to determine the Final PDM.

This example shows a **copy** of the Selection Checklist for the Probable PDM as the document that the Project Engineer will use and modify, as needed, to indicate the Final PDM. The Project Engineer may choose to fill out a new Selection Checklist for determining the Final PDM with the Probable PDM Checklist attached. This would be the best choice if the changes are so extensive that it is difficult to read a revised form.

Appendix C – How to Complete the Selection Checklist

Project Name		Project X – Bridge Replacement and HOV Connection		<input checked="" type="checkbox"/> Probable PDM	Date <u>6/24/2015</u>
				<input type="checkbox"/> Final PDM	Date _____
				<input type="checkbox"/> Change Final PDM	Date _____
Project Status		<input checked="" type="checkbox"/> Project Summary <input type="checkbox"/> Initiation & Alignment <input type="checkbox"/> Planning & Endorsement (~10% Design) <input type="checkbox"/> Geometric Review (~30% Design) <input type="checkbox"/> Past Geometric Review (Past 30% Design)			
PART IA (SEE APPENDIX C)		DBB Only		DBB, DB or GCCM	
Cost	A. Is the Project Estimate \$2 Million or less	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		
Note: RCW does not allow use of DB for a project less than \$2 Million					
A Yes answer above indicate Design-Bid-Build as the Project Delivery Method					
Part IA: Probable Project Delivery Method Recommendation					
<input type="checkbox"/> DBB Only <input checked="" type="checkbox"/> DBB, DB or GCCM (Go to Part IB) <input type="checkbox"/> Proposed Exception (Go to Part IB) If DBB Only is selected, skip Parts II and III and go to Part IV					
Part IA: Final Project Delivery Method Recommendation					
<input type="checkbox"/> DBB Only <input type="checkbox"/> DBB, DB or GCCM (Go to Part IB) <input type="checkbox"/> Proposed Exception (Go to Part IB) If DBB Only is selected, skip Part II and III and go to Part V					
Part IA: Change Final Project Delivery Method Recommendation					
<input type="checkbox"/> DBB Only <input type="checkbox"/> DBB, DB or GCCM (Go to Part IB) <input type="checkbox"/> Proposed Exception (Go to Part IB) If DBB Only is selected, skip Part II and III and go to Part VI					
PART IB (SEE APPENDIX C)		DBB or DB		DBB, DB or GCCM	
Cost	B. Is the Project Estimate \$10 Million or less?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		
Note: Would not typically use GCCM for a project at \$10 Million or less.					
A Yes answer above indicate GCCM is not a viable Project Delivery Method					
Part IB: Probable Project Delivery Method Recommendation					
<input type="checkbox"/> DBB or DB Only (Go to Part II) and cross out GCCM as a Viable Option <input checked="" type="checkbox"/> DBB, DB or GCCM (Go to Part II)					
Part IB: Final Project Delivery Method Recommendation					
<input type="checkbox"/> DBB or DB Only (Go to Part II) and cross out GCCM as a Viable Option <input type="checkbox"/> DBB, DB or GCCM (Go to Part II)					
Part IB: Change Final Project Delivery Method Recommendation					
<input type="checkbox"/> DBB or DB Only (Go to Part II) and cross out GCCM as a Viable Option <input type="checkbox"/> DBB, DB or GCCM (Go to Part II)					
PART II					IS QUESTION RELATED TO A GOAL OR CONSTRAINT?
SEE APPENDIX C FOR GUIDANCE ON FILLING OUT THIS CHECKLIST					
<u>Schedule</u>	A. Are there 3 rd party agreements with local government or agencies that require a full design before execution? (Is a significant portion of the project impacted?)	DBB/GCCM <input type="checkbox"/> Yes	DB <input checked="" type="checkbox"/> No	Goal <input type="checkbox"/>	Const <input type="checkbox"/>
	Justification: Municipality B OK with Preliminary Design for 3 rd Party Agreement				
	B. Are there long lead, lengthy environmental permits or ROW issues that would delay start of Construction? (Is a significant portion of the project impacted?)	DBB/GCCM <input type="checkbox"/> Yes	DB <input checked="" type="checkbox"/> No	Goal <input type="checkbox"/>	Const <input type="checkbox"/>
Justification: Impact to Area A could cause a lengthy process but that impact is not allowed on this project.					

Comment [ET57]: UTILIZING A COPY OF THE PROBABLE PDM CHECKLIST, FILL IN INFORMATION ON THE FINAL PDM IN A DIFFERENT COLOR INK (WHETHER FILLING OUT ELECTRONICALLY OR BY HAND)

INDICATE FINAL PDM AND DATE

THE ENGINEER CAN CHOOSE TO FILL OUT A NEW FORM WITH THE PROBABLE PDM CHECKLIST ATTACHED.

Comment [ET56]: REVISE THE PROJECT NAME IF CHANGES REQUIRE THIS.

Comment [ET58]: INDICATE LEVEL OF DESIGN STATUS OF THE PROJECT PER THE DESIGN MANUAL AND THE PROJECT DEVELOPMENT DELIVERABLES MATRIX

Comment [ET59]: REVIEW THE QUESTIONS IN PART Ia AND MODIFY IF PROJECT INFORMATION HAS CHANGED

Comment [ET60]: BASED ON THE ANSWER IN PART Ia, INDICATE

- DBB ONLY,
- DBB,DB OR GCCM OR
- AN EXCEPTION

Comment [ET61]: REVIEW THE QUESTIONS IN PART IB AND MODIFY IF PROJECT INFORMATION HAS CHANGED SEE PART 2 FOR MORE EXPLANATION OF INDIVIDUAL QUESTIONS

Comment [ET62]: BASED ON THE ANSWER IN PART IB, IF GCCM IS ELIMINATED AS AN OPTION FOR PDM, REMOVE IT FROM PARTS II, III AND V

Comment [ET63]:

- REVIEW ANSWERS TO THE QUESTIONS IN PART II AND REVISE IF NEEDED
- REVIEW AND ADD TO OR MODIFY CONSTRAINTS AND GOALS AND ADD OR MODIFY JUSTIFICATION FOR THESE QUESTIONS

Comment [ET64]: THE QUESTIONS IN PART II MAY CHANGE FROM THE ORIGINAL ANSWERS AND GOALS AND CONSTRAINTS MAY ALSO CHANGE.

Appendix C – How to Complete the Selection Checklist

	C. Is early obligation of funds necessary? (Such as a deadline to obligate grant funding)	DB <input type="checkbox"/> Yes	DBB/GCCM <input checked="" type="checkbox"/> No	Goal <input type="checkbox"/>	Const <input type="checkbox"/>
	Justification: No grant funding that would require this.				
	D. Is there time to prepare 100% design?	DBB/GCCM <input type="checkbox"/> Yes	DB <input checked="" type="checkbox"/> No	Goal <input type="checkbox"/>	Const <input type="checkbox"/>
	Justification: Phase I construction must start before Phase II design is completed				
	E. Is there a need to compress the schedule?	DB <input checked="" type="checkbox"/> Yes	DBB/GCCM <input type="checkbox"/> No	Goal <input checked="" type="checkbox"/>	Const <input type="checkbox"/>
	Justification: Overall schedule needs to be compressed to reduce the overall impact of the construction to the area and address safety concerns with existing bridge.				
	F. Do funding limits restrict when the schedule can start? (Such as the Biennium)?	DBB/GCCM <input type="checkbox"/> Yes	DB <input checked="" type="checkbox"/> No	Goal <input type="checkbox"/>	Const <input type="checkbox"/>
	Justification:				
<u>Complexity and Innovation</u>	G. Are there significant risks that could be better managed by others than WSDOT?	DB <input checked="" type="checkbox"/> Yes	DBB/GCCM <input type="checkbox"/> No	Goal <input checked="" type="checkbox"/>	Const <input type="checkbox"/>
	Justification: Avoiding Area A impacts, impacts to public and local businesses, impacts to environment, minimize schedule and meet milestones.				
	H. Does the project involve specialty engineering or high-tech designs or have other opportunities for innovation?	DB/GCCM <input checked="" type="checkbox"/> Yes	DBB <input type="checkbox"/> No	Goal <input type="checkbox"/>	Const <input type="checkbox"/>
	Justification: Bridge construction, Options for design to avoid impact to Environmentally Sensitive Area A, ITS for HOV Connector				
	I. Does the project require complex phasing and staging with the possibility of high impacts to the public?	DB/GCCM <input checked="" type="checkbox"/> Yes	DBB <input type="checkbox"/> No	Goal <input checked="" type="checkbox"/>	Const <input type="checkbox"/>
	Justification: Necessary to maintain access for local businesses and the traveling public.				
	J. Does an existing road or facility need to remain in service? (no options for detour or an alternate facility available and a significant portion of the project is impacted)	DB/GCCM <input type="checkbox"/> Yes	DBB <input checked="" type="checkbox"/> No	Goal <input type="checkbox"/>	Const <input type="checkbox"/>
	Justification: NA				
	K. Is WSDOT willing to give up control of design and/or construction on this project?	DB <input checked="" type="checkbox"/> Yes	DBB/GCCM <input type="checkbox"/> No	Goal <input type="checkbox"/>	Const <input type="checkbox"/>
	Justification: There are no performance requirements like aesthetics that would require WSDOT control of design. Quality Management will address concerns assigning QA to Contractor as Design-Builder.				
	L. Are critical 3 rd party involvement and changes likely during design & construction?	DBB/GCCM <input checked="" type="checkbox"/> Yes	DB <input type="checkbox"/> No	Goal <input type="checkbox"/>	Const <input type="checkbox"/>
	Justification: Municipality B may have changes in design and construction that could impact the project. However, the majority of the project will not be impacted by this.				
<u>Cost/Funding</u>	M. Is early certainty of the total project cost important? (Increased certainty of total cost early in the project needed due to funding or project constraints)	DB <input type="checkbox"/> Yes	DBB/GCCM <input checked="" type="checkbox"/> No	Goal <input type="checkbox"/>	Const <input type="checkbox"/>
	Justification: NA				

Appendix C – How to Complete the Selection Checklist

The following PDM Options are indicated from the responses to the questions in Part II (Constraints and Goals)

DBB DB GCCM

Proposed Exceptions or Change to Final PDM	(Optional) Describe the proposed exception to the guidance provided by the questions in Part II or the Change to the project that resulted in a Change in the Final PDM:	
	Provide Justification for the Exception or Change:	
PART III: RCW REQUIREMENTS TO USE DESIGN-BUILD OR GENERAL CONTRACTOR/CONSTRUCTION MANAGER		
Design-Build RCW 47.20.785	1. Is the preliminary Engineer's Estimate \$2 Million or greater?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<u>If the answer to 1 is yes</u> , continue with questions 1a through 1d. <u>If no</u> , Design-Build is not a viable option.	
	1a. Are construction activities highly specialized?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	1b. Is a DB approach critical in developing the construction methodology?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	1c. Does the project provide opportunity for greater innovation and efficiencies between the designer and builder?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	1d. Would use of DB result in significant reduction to the overall project schedule or critical milestones?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	If yes was selected for any of questions 1a through 1d, Design-Build is a viable PDM option.	
GCCM RCW 39.10.340	2. Is CPARB approval to use GCCM likely?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<u>If the answer to 2 is yes</u> , continue with questions 2a through 2e. <u>If no</u> , General Contractor/ Construction Manager is not a viable option.	
	2a: Does the project involve complex scheduling, phasing or coordination?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	2b: Does the project involve construction at an occupied facility which must continue to operate during construction?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2c: Is involvement of General Contractor/Construction Manager input during design critical to project success?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	2d: Does the project encompass a complex or technical work environment?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	2e: Does the project require specialized work on a building that has historic significance?	<input type="checkbox"/> Yes <input type="checkbox"/> No
If yes was selected for any of questions 2a through 2e, General Contractor/Construction Manager is a viable PDM option.		

Comment [ET65]: WHICH PDM(S) ARE INDICATED FROM THE RESPONSES TO THE QUESTIONS ASSOCIATED WITH THE CONSTRAINTS AND GOALS? INDICATE ONE OR MORE FINAL PDM HERE AND GO TO PART III.

Comment [ET66]: THE ENGINEER MAY WANT TO PROPOSE A FINAL PDM THAT DIFFERS FROM THE PDM OR PDM(S) INDICATED FROM PART II. HOWEVER, THE EXCEPTION PDM MUST BE A VIABLE OPTION PER PART III (MEET THE RCW REQUIREMENTS) OR BE DBB. DESCRIBE AND JUSTIFY A FINAL PDM THAT IS AN EXCEPTION TO PART II IF IT IS A VIABLE OPTION FROM PART III OR REVIEW AND MODIFY THE PROBABLE PDM EXCEPTION, IF NEEDED. COMPLETE PART V

Comment [ET67]: REVIEW THE ANSWERS TO THE QUESTIONS IN PART III AND REVISE IF NEEDED. THESE ARE THE RCW REQUIREMENTS TO USE AN ALTERNATIVE PDM (DB OR GCCM)

Appendix C – How to Complete the Selection Checklist

PART IV: PROBABLE PROJECT DELIVERY METHOD	
<input type="checkbox"/> A Probable Delivery Method has been determined <input type="checkbox"/> DBB <input checked="" type="checkbox"/> DB <input type="checkbox"/> GCCM	
<input type="checkbox"/> More than one Viable Options have been determined and the Selection Matrix will be completed <input type="checkbox"/> DBB <input type="checkbox"/> DB <input type="checkbox"/> GCCM	
Preparer Name and Title:	Mr. Project Engineer, Project Engineer
Preparer Signature:	<i>Mr. Project Engineer 6/30/2015</i>
State Construction Office Endorsement	ASCE Signature:
State Design Office Endorsement	ASDE Signature:

PART V: FINAL PROJECT DELIVERY METHOD	
<input type="checkbox"/> A Final Project Delivery Method has been determined through validation or revision of this Checklist <input type="checkbox"/> DBB <input type="checkbox"/> DB <input type="checkbox"/> GCCM	
<input type="checkbox"/> More than one Viable Options have been determined and the Selection Matrix and/or Workshop will be completed <input type="checkbox"/> DBB <input type="checkbox"/> DB <input type="checkbox"/> GCCM	
Preparer Name and Title:	Authorizing Name and Title:
Preparer Signature:	Authorizing Signature:
State Construction Office endorsement	ASCE Signature:
State Design Office endorsement	ASDE Signature:

PART VI: CHANGE TO APPROVED FINAL PROJECT DELIVERY METHOD	
<input type="checkbox"/> A Changed Final Project Delivery Method has been determined through validation or revision of this Checklist <input type="checkbox"/> DBB <input type="checkbox"/> DB <input type="checkbox"/> GCCM	
<input type="checkbox"/> More than one Viable Options have been determined and the Selection Matrix and/or Workshop will be completed <input type="checkbox"/> DBB <input type="checkbox"/> DB <input type="checkbox"/> GCCM	
Preparer Name and Title:	Authorizing Name and Title:
Preparer Signature:	Authorizing Signature:
State Construction Office endorsement	ASCE Signature:
State Design Office endorsement	ASDE Signature:

Comment [ET68]: IF A FINAL PDM HAS BEEN DETERMINED, INDICATE IT IN THIS SECTION

Comment [ET69]: IF THERE IS MORE THAN ONE OPTION FOR FINAL PDM, INDICATE THE OPTIONS IN THIS SECTION AND COMPLETE THE SELECTION MATRIX
THE SELECTION MATRIX IS ALSO REQUIRED IF PROJECT COST IS EQUAL TO OR GREATER THAN \$25 MILLION.

Comment [ET70]:
 •REGIONAL ADMINISTRATOR APPROVAL OR ENDORSEMENT IS REQUIRED FOR ALL FINAL PDM DETERMINATIONS.
 •IF AN EXCEPTION TO THE GUIDANCE IS REQUESTED, ASCE AND ASDE ENDORSEMENT AND CHIEF ENGINEER APPROVAL IS REQUIRED (THIS HAS BEEN DELEGATED TO THE DEPUTY CHIEF ENGINEER IN THE PDMSG MEMO).

IF THE PROJECT BUDGET IS \$25 MILLION OR GREATER, THE CHECKLIST WOULD NOT BE USED FOR FINAL PDM.

Attach project information, assumptions and additional justification to Form.

Appendix C – How to Complete the Selection Checklist

Part 6 – Example Selection Checklist for Determining the Final PDM

The following Selection Checklist is an example of a filled out Selection Checklist for determining the Final PDM. The example project information is provided on a Project Delivery Description Worksheet.

This example shows the Selection Checklist for the Probable PDM, written over electronically using a red font for the Final PDM revisions. The Project Engineer may choose to fill out a new Selection Checklist for determining the Final PDM with the Probable PDM Checklist attached. This would be the best choice if the changes are so extensive that it is difficult to read a revised form.

The changes to the project attributes that support the Final PDM determination must be provided in an organized, clear fashion. The example provides the Project Delivery Description Worksheet with revisions in red, which is an abbreviated version of backup for this example only. A real project will have much more detail and backup as support for the Final PDM determination.

Appendix C – How to Complete the Selection Checklist

Project Attributes	
Project Name: Project X – Bridge Replacement and HOV Connection	<p>Comment [ET71]: The Project Title was revised to reflect the change in the SOW.</p>
Location: I-A/SR-B in	
Project Goals: Minimize Schedule Minimize Impacts to the traveling public and local municipality (businesses) Minimize Environmental impacts Minimize Operations and Maintenance costs There are no Project Constraints	
Estimated Budget: \$24,000,000 \$16,000,000	<p>Comment [ET72]: The budget changed to reflect the change in the SOW</p>
Estimated Project Schedule: Completion Date 11/1/2017	
Required Project Completion or Milestone Dates (if applicable): Must Complete Milestone for Part I of project to allow Project Y project to start 8/15/2016	
Source(s) of Project Funding: Transportation package	
Project Corridor: I-A	
Major Features of Work – pavement, bridge, sound barriers, etc.: Bridge replacement and HOV connector deleted from SOW	<p>Comment [ET73]: Indicates the change in the SOW</p>
Major Schedule Milestones: Complete Phase I by 8/15/2016	
Major Project Stakeholders: Municipality B	
Major Obstacles (as applicable) Resolve issues on 3rd party agreement with Municipality B so it doesn't hold up design (Project design is not required before execution of the agreement)	<p>Comment [ET74]: This is no longer an issue</p>
Major Obstacles with Right of Way, Utilities, and/or Environmental Approvals: Avoid any impact to Sensitive Environmental Area A Delay on ROW's not expected	<p>Comment [ET75]: This is still an issue with the bridge replacement SOW</p>
Major Obstacles during Construction Phase: Complex staging and phasing to maintain access to Municipality B Businesses Noise impacts during construction Safety issues working on river banks	<p>Comment [ET76]: Still an issue with the bridge replacement SOW</p>
Preliminary Risks Identified: Delays receiving Environmental Permits Delays with 3rd Party agreement Difficulty meeting milestones impact Project Y Unknown utilities cause delays and cost impacts	<p>Comment [ET77]: The potential risks were reduced by the change in the SOW and resolution of some unknowns in preliminary design</p>
Safety Issues: may be difficult to excavate safely at the steep embankments at river unusual flood levels could threaten existing bridge if construction delayed	
Construction Requirements: WSDOT BDM and Standards	

Appendix C – How to Complete the Selection Checklist

Project Name		Project X – Bridge Replacement and HOV Connection		<input checked="" type="checkbox"/> Probable PDM	Date <u>6/24/2015</u>
				<input checked="" type="checkbox"/> Final PDM	Date <u>12/31/2015</u>
				<input type="checkbox"/> Change Final PDM	Date _____
Project Status		<input checked="" type="checkbox"/> Project Summary <input type="checkbox"/> Initiation & Alignment <input checked="" type="checkbox"/> Planning & Endorsement (~10% Design) <input type="checkbox"/> Geometric Review (~30% Design) <input type="checkbox"/> Past Geometric Review (Past 30% Design)			
PART IA (SEE APPENDIX C)		DBB Only		DBB, DB or GCCM	
Cost	C. Is the Project Estimate \$2 Million or less	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		
Note: RCW does not allow use of DB for a project less than \$2 Million					
<p><u>A</u> Yes answer above indicate Design-Bid-Build as the Project Delivery Method</p> <p>Part IA: Probable Project Delivery Method Recommendation <input type="checkbox"/> DBB Only <input checked="" type="checkbox"/> DBB, DB or GCCM (Go to Part IB) <input type="checkbox"/> Proposed Exception (Go to Part IB) If DBB Only is selected, skip Parts II and III and go to Part IV</p> <p>Part IA: Final Project Delivery Method Recommendation <input type="checkbox"/> DBB Only <input checked="" type="checkbox"/> DBB, DB or GCCM (Go to Part IB) <input type="checkbox"/> Proposed Exception (Go to Part IB) If DBB Only is selected, skip Part II and III and go to Part V</p> <p>Part IA: Change Final Project Delivery Method Recommendation <input type="checkbox"/> DBB Only <input type="checkbox"/> DBB, DB or GCCM (Go to Part IB) <input type="checkbox"/> Proposed Exception (Go to Part IB) If DBB Only is selected, skip Part II and III and go to Part VI</p>					
PART IB (SEE APPENDIX C)		DBB or DB		DBB, DB or GCCM	
Cost	D. Is the Project Estimate \$10 Million or less?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		
Note: Would not typically use GCCM for a project at \$10 Million or less.					
<p>A Yes answer above indicate GCCM is not a viable Project Delivery Method</p> <p>Part IB: Probable Project Delivery Method Recommendation <input type="checkbox"/> DBB or DB Only (Go to Part II) and cross out GCCM as a Viable Option <input checked="" type="checkbox"/> DBB, DB or GCCM (Go to Part II)</p> <p>Part IB: Final Project Delivery Method Recommendation <input type="checkbox"/> DBB or DB Only (Go to Part II) and cross out GCCM as a Viable Option <input checked="" type="checkbox"/> DBB, DB or GCCM (Go to Part II)</p> <p>Part IB: Change Final Project Delivery Method Recommendation <input type="checkbox"/> DBB or DB Only (Go to Part II) and cross out GCCM as a Viable Option <input type="checkbox"/> DBB, DB or GCCM (Go to Part II)</p>					
PART II SEE APPENDIX C FOR GUIDANCE ON FILLING OUT THIS CHECKLIST				IS QUESTION RELATED TO A GOAL OR CONSTRAINT?	
<u>Schedule</u>	A. Are there 3 rd party agreements with local government or agencies that require a full design before execution? (Is a significant portion of the project impacted?)	DBB/GCCM <input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Goal <input type="checkbox"/>	Const <input type="checkbox"/>
	Justification: Municipality B OK with Preliminary Design for 3 rd Party Agreement				
	B. Are there long lead, lengthy environmental permits or ROW issues that would delay start of Construction? (Is a significant portion of the project impacted?)	DBB/GCCM <input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Goal <input type="checkbox"/>	Const <input type="checkbox"/>
Justification: Impact to Area A could cause a lengthy process but that impact is not allowed on this project.					

Comment [ET79]: Check box for "Final PDM" and fill in date

Comment [ET78]: Revise title if changed. All changes should be in a different color from the original checklist (whether electronic or by hand) or fill out a blank form and attach the original. This example uses the original form filled out for the Probable PDM.

Comment [ET80]: Fill in the current project status

Comment [ET81]: If information does not change, it remains the original font color (default is black) from the Probable PDM Selection Checklist.

Comment [ET82]: Complete this section for Final PDM

Comment [ET83]: Complete this section for Final PDM

Appendix C – How to Complete the Selection Checklist

	C. Is early obligation of funds necessary? (Such as a deadline to obligate grant funding)	DB <input type="checkbox"/> Yes	DBB/GCCM <input checked="" type="checkbox"/> No	Goal <input type="checkbox"/>	Const <input type="checkbox"/>
	Justification: No grant funding that would require this.				
	D. Is there time to prepare 100% design?	DBB/GCCM <input type="checkbox"/> Yes	DB <input checked="" type="checkbox"/> No	Goal <input type="checkbox"/>	Const <input type="checkbox"/>
	Justification: Phase I construction must start before Phase II design is completed Safety concerns require a compressed schedule that does not provide time to prepare a 100% design.				
	E. Is there a need to compress the schedule?	DB <input checked="" type="checkbox"/> Yes	DBB/GCCM <input type="checkbox"/> No	Goal <input checked="" type="checkbox"/>	Const <input type="checkbox"/>
	Justification: Overall schedule needs to be compressed to reduce the overall impact of the construction to the area and address safety concerns with existing bridge.				
	F. Do funding limits restrict when the schedule can start? (Such as the Biennium)?	DBB/GCCM <input type="checkbox"/> Yes	DB <input checked="" type="checkbox"/> No	Goal <input type="checkbox"/>	Const <input type="checkbox"/>
	Justification:				
<u>Complexity and Innovation</u>	G. Are there significant risks that could be better managed by others than WSDOT?	DB <input checked="" type="checkbox"/> Yes	DBB/GCCM <input type="checkbox"/> No	Goal <input checked="" type="checkbox"/>	Const <input type="checkbox"/>
	Justification: Avoiding Area A impacts, impacts to public and local businesses, impacts to environment, minimize schedule and meet milestones				
	H. Does the project involve specialty engineering or high-tech designs or have other opportunities for innovation?	DB/GCCM <input checked="" type="checkbox"/> Yes	DBB <input type="checkbox"/> No	Goal <input type="checkbox"/>	Const <input type="checkbox"/>
	Justification: Bridge construction, Options for design to avoid impact to Environmentally Sensitive Area A, ITS for HOV Connector				
	I. Does the project require complex phasing and staging with the possibility of high impacts to the public?	DB/GCCM <input checked="" type="checkbox"/> Yes	DBB <input type="checkbox"/> No	Goal <input checked="" type="checkbox"/>	Const <input type="checkbox"/>
	Justification: Necessary to maintain access for local businesses and the traveling public.				
	J. Does an existing road or facility need to remain in service? (no options for detour or an alternate facility available and a significant portion of the project is impacted)	DB/GCCM <input type="checkbox"/> Yes	DBB <input checked="" type="checkbox"/> No	Goal <input type="checkbox"/>	Const <input type="checkbox"/>
	Justification: NA				
	K. Is WSDOT willing to give up control of design and/or construction on this project?	DB <input checked="" type="checkbox"/> Yes	DBB/GCCM <input type="checkbox"/> No	Goal <input type="checkbox"/>	Const <input type="checkbox"/>
	Justification: There are no performance requirements like aesthetics that would require WSDOT control of design. Quality Management will address concerns assigning QA to Contractor as Design-Builder.				
	L. Are critical 3 rd party involvement and changes likely during design & construction?	DBB/GCCM <input type="checkbox"/> Yes	DB <input checked="" type="checkbox"/> No	Goal <input type="checkbox"/>	Const <input type="checkbox"/>
	Justification: Municipality B may have changes in design and construction that could impact the project. However, the majority of the project will not be impacted by this. Issue with Municipality B was resolved and changes are unlikely to occur.				
<u>Cost/ Funding</u>	M. Is early certainty of the total project cost important? (Increased certainty of total cost early in the project needed due to funding or project	DB <input type="checkbox"/> Yes	DBB/GCCM <input checked="" type="checkbox"/> No	Goal <input type="checkbox"/>	Const <input type="checkbox"/>

Comment [ET84]: Changes to the project changed the justification but not the answer to the question in this case.

Comment [ET85]: HOV Connector SOW was deleted from Project

Comment [ET86]: Still necessary for bridge work

Comment [ET87]: Changes in the project changed the answer to this question.

Comment [ET88]: Justification and answer to this question both changed due to changes in the project.

Appendix C – How to Complete the Selection Checklist

	constraints)			
Justification: NA				
The following PDM Options are indicated from the responses to the questions in Part II (Constraints and Goals)				
<input type="checkbox"/> DBB <input checked="" type="checkbox"/> DB <input type="checkbox"/> GCCM				
Proposed Exceptions or Change to Final PDM	(Optional) Describe the proposed exception to the guidance provided by the questions in Part II or the Change to the project that resulted in a Change in the Final PDM:			
	Provide Justification for the Exception or Change:			
PART III: RCW REQUIREMENTS TO USE DESIGN-BUILD OR GENERAL CONTRACTOR/CONSTRUCTION MANAGER				
Design-Build RCW 47.20.785	1. Is the preliminary Engineer's Estimate \$2 Million or greater?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
	If the answer to 1 is yes, continue with questions 1a through 1d. If no, Design-Build is not a viable option.			
	1a. Are construction activities highly specialized?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
	1b. Is a DB approach critical in developing the construction methodology?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
	1c. Does the project provide opportunity for greater innovation and efficiencies between the designer and builder?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
	1d. Would use of DB result in significant reduction to the overall project schedule or critical milestones?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
	If yes was selected for any of questions 1a through 1d, Design-Build is a viable PDM option.			
GCCM RCW 39.10.340	2. Is CPARB approval to use GCCM likely?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
	If the answer to 2 is yes, continue with questions 2a through 2e. If no, General Contractor/ Construction Manager is not a viable option.			
	2a: Does the project involve complex scheduling, phasing or coordination?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
	2b: Does the project involve construction at an occupied facility which must continue to operate during construction?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
	2c: Is involvement of General Contractor/Construction Manager input during design critical to project success?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
	2d: Does the project encompass a complex or technical work environment?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
	2e: Does the project require specialized work on a building that has historic significance?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
If yes was selected for any of questions 2a through 2e, General Contractor/Construction Manager is a viable PDM option.				

Comment [ET89]: Part II analysis
#1-DB came up a total of 10 times
 8 times alone and 2 times with GCCM
#2-GCCM came up a total of 4 times
 2 times with DBB and 2 times with DB
#3-DBB came up a total of 3 times
 1 time alone and 2 times with GCCM

The above indicates DB as the optimal delivery method.

If needed, the Engineer will focus on answers that relate to goals (and constraints if any)
 Three questions were goal related-
#1 DB in all three
 2 indicating DB alone and 1 with GCCM
#2 GCCM in 1 with DB

DB is indicated as the Probable PDM from Part II

Comment [ET90]: Revise or complete Part III if needed.

Appendix C – How to Complete the Selection Checklist

PART IV: PROBABLE PROJECT DELIVERY METHOD	
<input checked="" type="checkbox"/> A Probable Delivery Method has been determined <input type="checkbox"/> DBB <input checked="" type="checkbox"/> DB <input type="checkbox"/> GCCM	
<input type="checkbox"/> More than one Viable Options have been determined and the Selection Matrix will be completed <input type="checkbox"/> DBB <input type="checkbox"/> DB <input type="checkbox"/> GCCM	
Preparer Name and Title:	Mr. Project Engineer, Project Engineer
Preparer Signature:	<i>Mr. Project Engineer 6/30/2015</i>
State Construction Office Endorsement	ASCE Signature:
State Design Office Endorsement	ASDE Signature:

PART V: FINAL PROJECT DELIVERY METHOD	
<input checked="" type="checkbox"/> A Final Project Delivery Method has been determined through validation or revision of this Checklist <input type="checkbox"/> DBB <input checked="" type="checkbox"/> DB <input type="checkbox"/> GCCM	
<input type="checkbox"/> More than one Viable Options have been determined and the Selection Matrix and/or Workshop will be completed <input type="checkbox"/> DBB <input type="checkbox"/> DB <input type="checkbox"/> GCCM	
Preparer Name and Title:	Mr. Project Engineer, Project Engineer
Preparer Signature:	<i>Mr. Project Engineer 12/31/2015</i>
State Construction Office endorsement	ASCE Signature:
State Design Office endorsement	ASDE Signature:

Comment [ET91]: Complete Part V for Final PDM determination

Comment [ET92]: RA approval or endorsement is needed for Final PDM determination.

PART VI: CHANGE TO APPROVED FINAL PROJECT DELIVERY METHOD	
<input type="checkbox"/> A Changed Final Project Delivery Method has been determined through validation or revision of this Checklist <input type="checkbox"/> DBB <input type="checkbox"/> DB <input type="checkbox"/> GCCM	
<input type="checkbox"/> More than one Viable Options have been determined and the Selection Matrix and/or Workshop will be completed <input type="checkbox"/> DBB <input type="checkbox"/> DB <input type="checkbox"/> GCCM	
Preparer Name and Title:	Authorizing Name and Title:
Preparer Signature:	Authorizing Signature:
State Construction Office endorsement	ASCE Signature:
State Design Office endorsement	ASDE Signature:

Attach project information, assumptions and additional justification to Form.

Draft Appendix C – How to Complete the Selection Checklist
Final PDM – Project Information for Sample Form (Example)

End of Appendix C