

Project Management Guide

About the PMG

The Project Management Guide (PMG) offers resources for project management best practices from project initiation to close out.

This guide is focused on traditional design-bid-build project management; alternative delivery can follow similar guidance*.

Find examples and templates to support project managers in each step in the process.

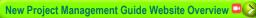
Adjust the process and content to fit your project.

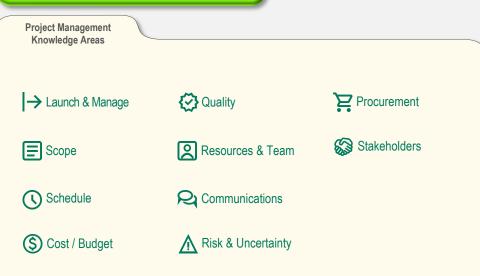
Click on any of the symbols or icons to discover templates, tools, materials, training, examples, resources, and contacts. A guick learning guide can be found here.

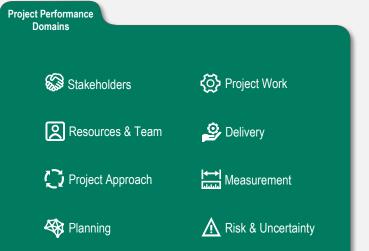
Project Launch Project, Studies, & Definition Pre-Design³ **Develop Project** Draft Studies. Profile / Definition. Final Studies & Project Mamt Draft BOD & FRS Geometric Design Plan. & (5% - 30%) Pre-Design (0% - 5%)Launch () **New Project**



























Risk & Uncertainty



Communications



Procurement



Project Approach





Project Work



Measurement





Project Management Guide

Identify, define, combine, unify, and coordinate the various processes and project management activities as well as effective integration of the processes required to accomplish project objectives



Templates

LAUNCH NEW PROJECT

- ► PMP Template Options
- ► Team Charter Template (DOCX 54KB)
- ► Contact List Template (XLSX 35KB)
- ► Org Chart Template Design (PPTX 66KB)

→ Launch & Manage

- ► Org Chart w/ Consultant (PPTX 67KB)
- ► RACI Matrix Template (XLSX 78KB)
- ► Kick-off Meeting Template Options
- ► Meeting Template (DOCX 117KB)

ON-GOING MANAGEMENT

- ► Lessons Learned Template (XLSX 22KB)
- ► Change Management Log (XLSX 23KB)
- ► Shelf Project Report Template (DOCX

Tools & Materials

LAUNCH NEW PROJECT

- ► File Directory Structure (PDF 312KB)
- ► Survey/CADD/InRoads File Naming Conventions (PDF 200KB)
- ► Document Naming Convention (PDF 255KB)
- ► Create Google Earth KMZ File (URL)
- ► Design Guidance (URL)
- ► Unifier Contract Mgmt (URL)

ON-GOING MANAGEMENT

► Lessons Learned (DOCX 44KB)

Training & Mini-Videos

- ► Project Management Training (URL)
- ► Project Mgmt Learning Path (PDF 365KB)

User may need to create a subscription to access the following Skillsoft trainings

- ► Project Management (Skillsoft)
- ► Project Management Plan (skillsoft)
- ► Initiation & Planning (Skillsoft)
- ► Integrate Activities & Changes (Skillsoft)
- ► Computer Aided Engineering (CAE) Tech Support & Guidance (URL)
- ► CAE Quick Reference Guide (PDF 52KB)
- ► Elec Engr'g Data Standards EEDS (PDF 57KB)
- ► CAE Glossary of Terms (PDF 123KB)
- ► ProjectWise Tech Support & Guide (URL)
- ► Design Documentation Training (PDF 6MB)
- ▶ Design Training Overview (PDF 1.1MB)
- ► Learn Project Mgmt (YouTube)
- ► Unifier Training & Support (URL)
- ► Change Management (YouTube)
- ► Launch a New Project (YouTube)
- ► Kick-Off Meeting (YouTube)

Examples

- ▶ PMP Example SR 542 UNTs to High Mitchell-Nooksack Fish Passage (PDF
- ► PMP Example I-5 UNT to Milltown Creek Fish Passage (PDF 400KB)
- ► PMP Example I-90 Medical Lk to Geiger Field Reconstruction (PDF 635KB)
- ► PMP Example US 2 Coles Corner Paver (DOCX 56KB)
- ► PMP Example SR 162 Card & Rauch Creek Fish Passage (XLSX 3MB)
- ► PMP Example SR 3 Freight Corridor New Alignment (XLSX 5.3MB)
- ► PMP Example I-5 Fort Lewis (PDF 785KB)
- ► Document File Structure Example (XLSX

Resources & Contacts

GENERAL

- ► SMEs & Specialty Group Contacts (PDF
- ► WSDOT Manuals (URL)
- ► WSDOT Program Mgmt Manual (PDF 4MB)
- ► CPDM (URL)
- ► Deliverables Expectations Matrix (PDF 45KB)
- ► Master Deliverables List (MDL) (XLSX 137KB)
- ► WSDOT Training Contacts (PDF 94KB)
- ▶ Design Training News Listserv (URL)
- ► Project Mgmt Learning Path (PDF 365KB)
- ► Design Courses Training Matrix (PDF 202KB)
- ► Project Search Tool (URL)

TOPIC SPECIFIC

- ► Team Meeting Template (DOCX 185KB)
- ► Agency Policy 1032.02 Project Management (PDF 287KB)
- ► Organizational Conflict of Interest (PDF













Resources & Team



Risk & Uncertainty



Communications



Procurement





Project Approach







Measurement





Project Management Guide

Define, control, and ensure the project includes all the work required, and only the work required, to complete the project successfully, including the Work Breakdown Structure

Scope **Templates Tools & Materials** Training & Mini-Videos LAUNCH NEW PROJECT LAUNCH NEW PROJECT ► Internal Scope Agreement Draft (DOCX

ON-GOING MANAGEMENT

ON-GOING MANAGEMENT

► Plans Specs & Estimate (PS&E) (PPTX 12MB) ▶ Design Training Courses Matrix (PDF 83KB)

► Theory of Negotiations (YouTube)

- ▶ 8 Step Approach Part A <a>□ (YouTube)
- ▶ 8 Step Approach Part B (YouTube)

Examples

Solutions (PDF 46KB)

















Risk & Uncertainty



Communications



Procurement



Stakeholders



Project Approach









Measurement



Gantt Chart



Project Management Guide

Develop and manage the timely completion of the project

Schedule

Templates Tools & Materials

LAUNCH NEW PROJECT

ON-GOING MANAGEMENT

LAUNCH NEW PROJECT

- ▶ Desktop Procedures for P6 Scheduler (PDF 1.44MB)
- ► Schedule Template Guidelines (PDF 102KB)
- ► Work Breakdown Structure (WBS) Guidelines (PDF 145KB)
- ► Master Deliverables List (MDL) (XLSX
- ► MDL in Primavera Scheduler (PDF 180KB)
- ► Control Account Guidelines (PDF 156KB)

ON-GOING MANAGEMENT

Training & Mini-Videos

► P6 HQ Training & Support (URL)

Examples

Resources & Contacts

GENERAL

- ► SMEs & Specialty Group Contacts (PDF
- ► WSDOT Manuals (URL)
- ► WSDOT Program Mgmt Manual (PDF 4MB)
- ► Deliverables Expectations Matrix (PDF 45KB)
- ► Master Deliverables List (MDL) (XLSX 137KB)
- ► WSDOT Training Contacts (PDF 94KB)
- ▶ Design Training News Listserv (URL)
- ► Project Mgmt Learning Path (PDF 365KB)
- ▶ Design Courses Training Matrix (PDF 202KB)
- ► Project Search Tool (URL)

TOPIC SPECIFIC

- ► Agency Policy 1032.02 Project Management (PDF 287KB)
- ► Agency Policy 1042.00 Project Mgmt & Reporting (PDF 44KB)















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Risk & Uncertainty



Communications



Procurement





Project Approach







Measurement





Project Mgmt Principles

Project Management Guide

Plan, estimate, budget, finance, fund, manage, and control costs within the approved budget

Cost / Budget

Templates

LAUNCH NEW PROJECT

- ► Project Estimate Template (XLSX 1.6MB)
- ► Estimate Checklist (DOCX 22KB)

ON-GOING MANAGEMENT

Tools & Materials

LAUNCH NEW PROJECT

- ► Estimating Website (URL)
- ► EBASE Website (URL)
- ► Unit Bid Analysis (URL)
- ► EBASE Fundamentals (PDF 1.8MB)
- ► EBASE User's Guide (PDF 11MB)
- ► EBASE Design Project Development (PDF
- ► Grants (URL)

ON-GOING MANAGEMENT

- ► Cost Risk Assessment (URL)
- ► Schedule & Cost Management (PDF 88KB)
- ► Prevailing Wage Rates Website (URL)

Training & Mini-Videos

- ► Self-Study on Ebase (PDF 847KB)
- ► EBASE Tech Support & Guidance (URL)
- ▶ Bid Tabs Pro Plus Tech Support & Guidance (URL)
- ► Bid Tabs Pro User's Guide (PDF 1.6MB)
- ▶ Bid Tabs Pro Plus User's Guide (PDF 3MB)
- ► EBASE Training Course Student Workbook (PDF 621KB)
- ► EBASE Training Exercises (PDF 575KB)
- ► EBASE Groups Tab Setup/Entry (PDF32KB)
- ► Basis of Estimate (XLSX 30KB)
- ► Cost Estimating (YouTube)
- ► Quick Video: Cost Estimating (YouTube)
- ► Spend Plan (YouTube)

Examples

▶ Bid Tabs Pro Starter Estimate (XLS 24KB)

Resources & Contacts

GENERAL

- ► SMEs & Specialty Group Contacts (PDF
- ► WSDOT Manuals (URL)
- ► WSDOT Cost Estimating Manual (3.9MB)
- ► WSDOT Program Mgmt Manual (PDF 4MB)
- ► Deliverables Expectations Matrix (PDF 45KB)
- ► Master Deliverables List (MDL) (XLSX 137KB)
- ► WSDOT Training Contacts (PDF 94KB)
- ► Design Training News Listserv (URL)
- ► Project Mgmt Learning Path (PDF 365KB)
- ► Design Courses Training Matrix (PDF 202KB)
- ► Project Search Tool (URL)

TOPIC SPECIFIC

► Agency Policy 1042.00 - Project Mgmt & Reporting (PDF 44KB)









S Cost/Budget





Resources & Team



Risk & Uncertainty



Communications



Procurement







Project Work









Project Management Guide

Identify and incorporate the quality policy for planning, managing, and controlling project quality and assurance requirements to meet goals and expectations

Quality

Templates

LAUNCH NEW PROJECT

► Quality Mgmt Plan Template (XLSM 120KB)

ON-GOING MANAGEMENT

Tools & Materials

LAUNCH NEW PROJECT

- ► Quality Mgmt Website (URL)
- ► WSDOT Quality Mgmt Team (XLSX 25KB)
- ▶ Quality Mgmt Guidance for Design & PS&E (PDF KB)
- ► Quality Mgmt DBB Design Guidance (PDF
- ► Quality Mgmt Workbook (XLSM 1.2MB)

ON-GOING MANAGEMENT

- ► 30/60/90/Ad Quality Checklist (DOCX 44KB)
- ▶ Bridge Design Manual Chapter 1.4 (PDF

Training & Mini-Videos

- ► Quality Mgmt (MP4 146MB)
- ► Best Practices in Design QC/QA (PDF

Examples

Resources & Contacts

GENERAL

- ► SMEs & Specialty Group Contacts (PDF
- ► WSDOT Manuals (URL)
- ► WSDOT Program Mgmt Manual (PDF 4MB)
- ▶ Deliverables Expectations Matrix (PDF 45KB)
- ► Master Deliverables List (MDL) (XLSX 137KB)
- ► WSDOT Training Contacts (PDF 94KB)
- ► Design Training News Listserv (URL)
- ► Project Mgmt Learning Path (PDF 365KB)
- ► Design Courses Training Matrix (PDF 202KB)
- ► Project Search Tool (URL)

TOPIC SPECIFIC

► ISO 10005:2018 Int'l Standard Quality Mgmt for Design Plans (URL)









S Cost/Budget







Communications

Procurement







Project Work









Project Management Guide

Templates	Tools & Materials	Training & Mini-Videos	Examples	Resources & Contacts
LAUNCH NEW PROJECT DON-GOING MANAGEMENT	LAUNCH NEW PROJECT ▶ ON-GOING MANAGEMENT ▶ Manage Team Conflict (url.)	 Theory of Negotiations (YouTube) Negotiations (part 1) (YouTube) Negotiations (part 2) (YouTube) 10 Types of Org Charts (URL) InRoads Support & Guidance (URL) MicroStation Support & Guidance (URL) Survey Support & Guidance (URL) Project Mgmt Learning Path (PDF 365KB) Project Mgmt Learning Path 2023 (PDF 405KB) Bluebeam Tech Support (URL) 		GENERAL SMES & Specialty Group Contacts (PDF 475KB) WSDOT Manuals (URL) WSDOT Program Mgmt Manual (PDF 4MB) Deliverables Expectations Matrix (PDF 45KB) Master Deliverables List (MDL) (XLSX 137KB) WSDOT Training Contacts (PDF 94KB) Design Training News Listserv (URL) Project Mgmt Learning Path (PDF 365KB) Design Courses Training Matrix (PDF 202KB) Project Search Tool (URL)





Scope

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Resources & Team

Risk & Uncertainty

Communications

Procurement

Stakeholde

Project Approach

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Project Work

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Measurement





Project Management Guide

Ensure timely and appropriate planning, collection, creation, distribution, storage, retrieval, management, control, monitoring, and ultimate disposition of project information, internally and externally

Communications

Templates

LAUNCH NEW PROJECT

► Communications Plan Template & Guidance (DOCX 36KB)

ON-GOING MANAGEMENT

Tools & Materials

LAUNCH NEW PROJECT

- ► Website Toolkit (URL)
- ► Olympic Region Strategic Communications Plan (DOCX 63KB)
- ► Communication Essentials (DOCX 33KB)
- ► Community Engagement Plan (URL)

ON-GOING MANAGEMENT

Training & Mini-Videos

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Examples

► Notice of Entry Letter Example (DOCX 53KB)

Resources & Contacts

GENERAL

- ► SMEs & Specialty Group Contacts (PDF 475KB)
- ► WSDOT Manuals (URL)
- ► WSDOT Program Mgmt Manual (PDF 4MB)
- ▶ Deliverables Expectations Matrix (PDF 45KB)
- ► Master Deliverables List (MDL) (XLSX 137KB)
- ► WSDOT Training Contacts (PDF 94KB)
- ► Design Training News Listserv (URL)
- ► Project Mgmt Learning Path (PDF 365KB)
- Troject Mgmt Learning Fath (FBF 303KB)
- ▶ Design Courses Training Matrix (PDF 202KB)
- ► Project Search Tool (URL)

TOPIC SPECIFIC

► Communications Manual (PDF 6.4MB)











Resources & Team



Risk & Uncertainty



Communications Procurement





Project Approach









Measurement





Project Management Guide

Risk & Uncertainty

Conduct risk management planning, identification (threats and opportunities), qualitative and quantitative analysis, response planning, response implementation, and monitoring risks to increase the positive and decrease the negative events



Templates

LAUNCH NEW PROJECT

► Risk Matrix Template (XLSX 320KB)

ON-GOING MANAGEMENT

- ► CRA-CEVP Workshop Request Form (DOC
- ► CRA-CEVP One-Page Example (DOC 175KB)

Tools & Materials

LAUNCH NEW PROJECT

- ► Risk Management Website (SharePoint)
- ► Risk Management Guide (PDF 12MB)
- ► Cost Risk Estimate & Mgmt Glossary (PDF
- ► Risk Breakdown Structure (XLSX 320KB)

ON-GOING MANAGEMENT

- ► Cost Risk Assessment (URL)
- ► CRA-CEVP Training-Participation Matrix
- ► Project Risk Analysis Model (XLSM 5.2MB)
- ▶ Project Risk Analysis Model Users Guide
- ► CRA-CEVP Prep-Session Agenda Sample
- ► CRA-CEVP Workshop Agenda Sample
- ► CRA-CEVP Risk Workshop Report Summary-Data Reporting-Entry Form
- ▶ Value Engineering with Risk Assessment (PDF 234KB)

Training & Mini-Videos

- ► Quick Guide Risk & Uncertainty (PDF 811KB)
- ► Risk Mgmt Overview (YouTube)
- ► Risk Mgmt Planning (YouTube)
- ► Risk Identification (YouTube)
- ► Risk Qualitative Analysis (YouTube)
- ► Risk Quantitative Analysis (YouTube)
- ► Risk Response (YouTube)
- ► Risk Monitor & Control (YouTube)

Examples

► CRA-CEVP Table of Contents of a Sample Report (DOC 211KB)

Resources & Contacts

GENERAL

- ► SMEs & Specialty Group Contacts (PDF
- ► WSDOT Manuals (URL)
- ► WSDOT Program Mgmt Manual (PDF 4MB)
- ► Deliverables Expectations Matrix (PDF 45KB)
- ► Master Deliverables List (MDL) (XLSX 137KB)
- ► WSDOT Training Contacts (PDF 94KB)
- ► Design Training News Listserv (URL)
- ► Project Mgmt Learning Path (PDF 365KB)
- ► Design Courses Training Matrix (PDF 202KB)
- ► Project Search Tool (URL)

TOPIC SPECIFIC

- ► Agency Policy 16-06 Enterprise Risk Management (PDF 57KB)
- ► Agency Policy 1038.09 Risk Management (PDF 261KB)
- ► Agency Policy 1053.02 Risk Mgmt & Risk-Based Estimating (PDF 347KB)
- ► Risk Assessment/Allocation for Highway Construction Mgmt (FHWA) (PDF 9.5MB)
- ► Guidance for Cost Estimation and Management for Highway Projects During Planning, Programming, and Preconstruction (TRB) (URL)
- ▶ Association for the Advancement of Cost Engineering (AACE) International (URL)
- ► Transportation Estimators Assoc. (URL)



Procurement



→ Launch & Manage















Communications









Project Work



Measurement



Gantt Chart



Project Management Guide

Acquire products, consultant services, owner-supplied materials, and construction contractors, including contract management and change control

emplates	Tools & Materials	Training & Mini-Videos	Examples	Resources & Contacts
		► Theory of Negotiations 🚨 (YouTube)	•	GENERAL
	•	► 8 Step Approach Part A (YouTube) ► 8 Step Approach Part B (YouTube)		► SMEs & Specialty Group Contacts (PDF 475KB)
		8 Step Approach Part B (Youlube)		► WSDOT Manuals (URL)
				► WSDOT Program Mgmt Manual (PDF 4MB
				► Deliverables Expectations Matrix (PDF 45
				► Master Deliverables List (MDL) (XLSX 137K
				► WSDOT Training Contacts (PDF 94KB)
				► Design Training News Listserv (URL)
				► Project Mgmt Learning Path (PDF 365KB)
				▶ Design Courses Training Matrix (PDF 202k
				► Project Search Tool (url.)
				TOPIC SPECIFIC
				>



Stakeholders



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Resources & Team





Communications



Procurement









Project Work











Project Management Guide

Identify the people/groups that could impact or be impacted by the project, analyze their expectations and their impact on the project, and develop appropriate management strategies for effectively engaging them in the project decisions and execution

Templates	Tools & Materials	Training & Mini-Videos	Examples	Resources & Contacts
		▶	► Notice of Entry Letter Example (DOCX	GENERAL
•	•		53КВ)	► SMEs & Specialty Group Contacts (PDF 475KB)
				► WSDOT Manuals (URL)
				► WSDOT Program Mgmt Manual (PDF 4MB)
				► Deliverables Expectations Matrix (PDF 45K
				► Master Deliverables List (MDL) (XLSX 137KI
				► WSDOT Training Contacts (PDF 94KB)
				► Design Training News Listserv (URL)
				► Project Mgmt Learning Path (PDF 365KB)
				► Design Courses Training Matrix (PDF 202KE
				► Project Search Tool (URL)
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Project Approach



→ Launch & Manage

Scope

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Resources & Team

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Communications

1

Procurement

Stakeholde

Project Approach

Planning

Project W

Delive

Measurement

Gantt Chart

Disciplines & SMEs

Project Mgmt Principles

Project Management Guide

Identify the people/groups that could impact or be impacted by the project, analyze their expectations and their impact on the project, and develop appropriate management strategies for effectively engaging them in the project decisions and execution

Templates	Tools & Materials	Training & Mini-Videos	Examples	Resources & Contacts
		▶	•	
•	•			► SMEs & Specialty Group Contacts (PDF 475KB)
				► WSDOT Manuals (URL)
				► WSDOT Program Mgmt Manual (PDF 4MB)
				▶ Deliverables Expectations Matrix (PDF 45R
				► Master Deliverables List (MDL) (XLSX 137K
				► WSDOT Training Contacts (PDF 94KB)
				► Design Training News Listserv (URL)
				► Project Mgmt Learning Path (PDF 365KB)
				► Design Courses Training Matrix (PDF 202K)
				► Project Search Tool (URL)













Resources & Team





Communications



Procurement







Project Work





Measurement





Project Management Guide

Templates	Tools & Materials	Training & Mini-Videos	Examples	Resources & Contacts
		•	•	
•	► Highway System Log (URL)			► SMEs & Specialty Group Contacts (PDF
	► Planning Guidance (URL)			475KB) ► WSDOT Manuals (URL)
	► WA State Ferries Planning (URL)			► WSDOT Infalluals (URL) ► WSDOT Program Mgmt Manual (PDF 4MB)
	► WA Aviation System Plan (URL)			
	► Passenger Rail Plan (URL)			▶ Deliverables Expectations Matrix (PDF 45K
	► WA Transportation Policy Plan 2040 (URL)			► Master Deliverables List (MDL) (xLsx 137KE
	► WSDOT Crash Data (URL)			► WSDOT Training Contacts (PDF 94KB)
	► Congestion & Multimodal Mobility			► Design Training News Listserv (URL)
	Reports (URL)			► Project Mgmt Learning Path (PDF 365KB)
	► Park & Ride Capacity (URL)			▶ Design Courses Training Matrix (PDF 202Ki
	► Bicycling & Walking (URL)			► Project Search Tool (URL)
	► Public Transportation Plans (URL)			
	► Freight System Plan (URL)			
	► WA Target Zero (URL)			



Project Work



→ Launch & Manage











Resources & Team





Communications



Procurement





Project Approach







Measurement





Disciplines & SMEs

Project Mgmt Principles

Project Management Guide

Identify the people/groups that could impact or be impacted by the project, analyze their expectations and their impact on the project, and develop appropriate management strategies for effectively engaging them in the project decisions and execution

Templates	Tools & Materials	Training & Mini-Videos	Examples	Resources & Contacts
		▶	•	
>	•			► SMEs & Specialty Group Contacts (PDF 475KB)
				► WSDOT Manuals (URL)
				► WSDOT Program Mgmt Manual (PDF 4MB)
				► Deliverables Expectations Matrix (PDF 45K
				► Master Deliverables List (MDL) (XLSX 137K
				► WSDOT Training Contacts (PDF 94KB)
				► Design Training News Listserv (URL)
				► Project Mgmt Learning Path (PDF 365KB)
				► Design Courses Training Matrix (PDF 202K
				► Project Search Tool (URL)
				>



Delivery



→ Launch & Manage

S Cost/Budget





Resources & Team





Communications



Procurement





Project Approach





Project Work





Measurement



Gantt Chart



Project Management Guide

Identify the people/groups that could impact or be impacted by the project, analyze their expectations and their impact on the project, and develop appropriate management strategies for effectively engaging them in the project decisions and execution

Templates	Tools & Materials	Training & Mini-Videos	Examples	Resources & Contacts
		▶	•	
	>			► SMEs & Specialty Group Contacts (PDF 475KB)
				► WSDOT Manuals (URL)
				► WSDOT Program Mgmt Manual (PDF 4MB)
				► Deliverables Expectations Matrix (PDF 45K
				► Master Deliverables List (MDL) (XLSX 137KI
				► WSDOT Training Contacts (PDF 94KB)
				► Design Training News Listserv (URL)
				► Project Mgmt Learning Path (PDF 365KB)
				► Design Courses Training Matrix (PDF 202K)
				► Project Search Tool (URL)



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Resources & Team





Communications



Procurement



Stakeholders Stakeholders



Project Approach









Measurement





Disciplines & SMEs



Project Management Guide

Identify the people/groups that could impact or be impacted by the project, analyze their expectations and their impact on the project, and develop appropriate management strategies for effectively

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Deliv Mast WSD Desig Proje Desig	T Manuals (URL)
► Mast ► WSDI ► Desig ► Proje ► Desig	T Program Mgmt Manual (PDF 4M
 ▶ WSDI ▶ Desig ▶ Proje ▶ Desig 	rables Expectations Matrix (PDF 4
Desig ▶ Proje ▶ Desig	r Deliverables List (MDL) (XLSX 137
▶ Proje ▶ Desig	T Training Contacts (PDF 94KB)
▶ Desig	Training News Listserv (URL)
	t Mgmt Learning Path (PDF 365KB)
▶ Proje	Courses Training Matrix (PDF 202)
	t Search Tool (URL)



Home

Disciplines/SMEs

WSDOT Specialty Groups, Subject Matter Experts, and Disciplines

<u>lul</u>	Tiome
 →	Launch & Manage
	Scope
(1)	Schedule
~	Cost/Budget
	Quality
	Resources & Team
<u> </u>	Risk & Uncertainty
\rightarrow	Communications
•••	Procurement
	Stakeholders
	Project Approach Planning
~~	Project Work
0,	Delivery
→	Measurement
l.	Gantt Chart



Access & Hearings	Design & Plans Review (PDF 444KB)	Local Programs	Research & Library Services (RLS)	Transportation Systems Management & Operations (TSMO)
Active Transportation	Design-Build	Maintenance	Right of Way Plans / Survey Support	Utilities, Railroads & Agreements
Aviation	Development Services	Materials	Roadside Development & Landscape Architecture	Value Engineering & Risk Assessment
Bridge & Structures	Environmental & Permitting	Multimodal Planning & Data (MPDD)	Stream Restoration	Visual Engineering Resource Group (VERG)
Complete Streets	External Relations	Program Management	Survey & Mapping	Washington State Ferries (WSF)
Computer Aided Engineering				









Schedule



S Cost/Budget





Resources & Team



Risk & Uncertainty



Communications



Procurement





Project Approach







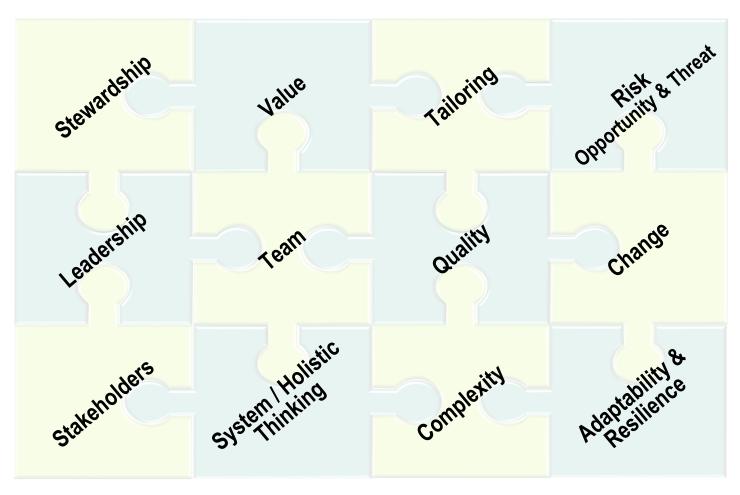
Measurement







Project Management Institute (PMI) project manager critical performance activities and principles





















Risk & Uncertainty



Communications



Procurement





Project Approach



Project Work











Project Definition (Initial Project Scoping)

Templates	Tools & Materials
LAUNCH NEW PROJECT	LAUNCH NEW PROJECT
 ▶ Basis of Design Form (DOCX 83KB) ▶ Basis of Design Form – Fish-Passage Only (DOCX 100KB) 	► I-4 Scoping Instructions (PDF 277KB) ► Ch 200 - Capital Project Scoping (PDF 534KB) ► Ch 300 - Enviro Scoping (PDF 280KB) ► Environmental Guidance - Scoping (URL)
ON-GOING MANAGEMENT	
•	ON-GOING MANAGEMENT

Training & Mini-Videos

► Scoping (PPTX 3.6MB)

Examples

▶ Basis of Design Example (PDF 320KB)

Resources & Contacts

GENERAL

- ► SMEs & Specialty Group Contacts (PDF
- ► WSDOT Manuals (URL)
- ► WSDOT Program Mgmt Manual (PDF 4MB)
- ► Deliverables Expectations Matrix (PDF 45KB)
- ► Master Deliverables List (MDL) (XLSX 137KB)
- ► WSDOT Training Contacts (PDF 94KB)
- ► Design Training News Listserv (URL)
- ► Project Mgmt Learning Path (PDF 365KB)
- ► Design Courses Training Matrix (PDF 202KB)
- ► Project Search Tool (URL)

TOPIC SPECIFIC

▶ Project Delivery Memos (URL)

















Risk & Uncertainty



Communications



Procurement



Project Approach









Measurement





🔁 Planning, Transit Analysis, & Studies

Templates Tools & Materials LAUNCH NEW PROJECT

ON-GOING MANAGEMENT

LAUNCH NEW PROJECT

- ► Planning Study Guidance (URL)
- ► Planning & Environmental Linkages (URL)
- ► Transportation Demand Mgmt (URL)
- ► Tribal & Regional Planning (URL)
- ► Active Transportation Planning (URL)
- ► Enviro. Guidance: Planning Studies (URL)
- ► Design Guidance: Planning Studies (URL)
- ► Freight Guidance: Planning Studies (URL)
- ► Maint. Guidance: Planning Studies (URL)
- ▶ Public Transportation Guidance: Planning Studies (URL)
- ► Safety Guidance: Planning Studies (URL)
- ► Transportation Ops Guidance: Planning Studies (URL)
- ► Complete Streets (URL)
- ► Quick Guide Launch a New Project (PDF

ON-GOING MANAGEMENT

Training & Mini-Videos

- ► Planning Study Process (PDF 285KB)
- ► Traffic Ops & Design (PDF 6MB)

Examples

▶ Notice of Entry Letter Example (DOCX

Resources & Contacts

GENERAL

- ► SMEs & Specialty Group Contacts (PDF
- ► WSDOT Manuals (URL)
- ► WSDOT Program Mgmt Manual (PDF 4MB)
- ► Deliverables Expectations Matrix (PDF 45KB)
- ► Master Deliverables List (MDL) (XLSX 137KB)
- ► WSDOT Training Contacts (PDF 94KB)
- ▶ Design Training News Listserv (URL)
- ► Project Mgmt Learning Path (PDF 365KB)
- ► Design Courses Training Matrix (PDF 202KB)
- ► Project Search Tool (URL)

TOPIC SPECIFIC

- ► Agency Policy 1090.01 Advancing Practical Solutions (PDF 49KB)
- ► Agency Policy 1028 Context Sensitive Solutions (PDF 46KB)
- ► Project Delivery Memos (URL)
- ► Practical Design Procedures (PDF 1.1MB)









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Risk & Uncertainty



Communications



Procurement



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Project Approach



Project Work



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Measurement





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Design, Environmental, Permitting, Right of Way, & Ad

Templates LAUNCH NEW PHASE LAUNCH NEW PHASE Complete Streets (URL) Guidance Documents: Information about WSDOT's Practical Design

ON-GOING MANAGEMENT

Procedures (PDF 1.2MB)

- ► VE Website (SharePoint)
- ► VE Study Value Engineering (URL)
- ► VE Study Job Plan (PDF 702KB)
- ► VE Study with Risk Assessment (PDF 234KB)
- ► VE Study Checklist (DOC 91KB)
- ► VE Study Team Member Guide (PDF 143KB)
- ► VE Study Performance Measures (PDF 48KB)
- ► Constructability Review (PDF 891KB)
- ► Plans Prep Checklist (PDF 129KB)

Training & Mini-Videos

- ► Plans Specs & Estimate (PS&E) (PPTX 12MB)
- ▶ Design Training Courses Matrix (PDF 83KB)
- ► Traffic Ops & Design (PDF 6MB)
- ► What is Value Engineering? (PDF 270KB)
- ► Does My Project Need a VE? (PDF 13KB)
- ► Combining CRA with VE Study (PDF 164KB)
- ► VE Workshop 🔼 (YouTube)
- ► What is Value Engineering ☐ (YouTube)
- ► Contract Plans Review Training (URL)
- ► Contract Plans & Est Prep & Review Course (PDF 8 MB)

Examples

► VERG Examples 📮 (YouTube)

Resources & Contacts

GENERAL

- ► SMEs & Specialty Group Contacts (PDF
- ► WSDOT Manuals (URL)
- ► WSDOT Program Mgmt Manual (PDF 4MB)
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- ► Project Delivery Memos (URL)
- ► Practical Design Procedures (PDF 1.1MB)
- ► Plans Review Resources (URL)
- ► SAVE Int'l (URL)
- ► SAVE Int'l Cascadia Chapter (URL)
- ► FHWA Value Engineering (URL)
- ► Utah DOT Value Engineering (URL)
- ► N Carolina DOT Value Engineering (URL)
- ► Missouri DOT Value Engineering (URL)
- ► New Jersey DOT Value Engineering (URL)
- ► VE Study WSDOT Contacts (URL)







S Cost/Budget





Resources & Team



Risk & Uncertainty



Communications



Procurement





Project Approach





Project Work



Measurement





Construction

Templates	Tools & Materials
LAUNCH NEW PROJECT	LAUNCH NEW PROJECT
•	► Construction Manual (URL)
ON-GOING MANAGEMENT	► Construction (URL)
► Construction Contract Change in PMRS	► Construction Materials (URL)
(PDF 51KB)	► Construction Guidance (URL)
	► Construction Bulletins (URL)
	► Build/Buy America Materials (PDF 2MB)
	` '

ON-GOING MANAGEMENT

► Environmental During Construction (URL)

Training & Mini-Videos

Examples

Resources & Contacts

GENERAL

- ► SMEs & Specialty Group Contacts (PDF
- ► WSDOT Manuals (URL)
- ► WSDOT Program Mgmt Manual (PDF 4MB)
- ► Deliverables Expectations Matrix (PDF 45KB)
- ► Master Deliverables List (MDL) (XLSX 137KB)
- ► WSDOT Training Contacts (PDF 94KB)
- ▶ Design Training News Listserv (URL)
- ► Project Mgmt Learning Path (PDF 365KB)
- ► Design Courses Training Matrix (PDF 202KB)
- ► Project Search Tool (URL)

TOPIC SPECIFIC

- ► Work Zone Traffic Control Guidelines for Maintenance Ops (PDF 2.9MB)
- ► Manual on Uniform Traffic Control Devices (MUTCD) (URL)
- ► WSDOT/Industry Partners (URL)



Scope

S Cost/Budget

Quality

Resources & Team

Risk & Uncertainty

Communications

Procurement

Stakeholders

Project Approach

Project Work



Measurement





Phase Gate

by CPDM or Region

ect Management Guide **Project Summary** Package Approved

Project Definition Phase

Develop Project Profile / Definition, Draft BOD & ERS







Preliminary: Design, Cost Estimate, Schedule, Basis of Estimate, Basis of Design, & Technical Reports





Prioritized List to OFM



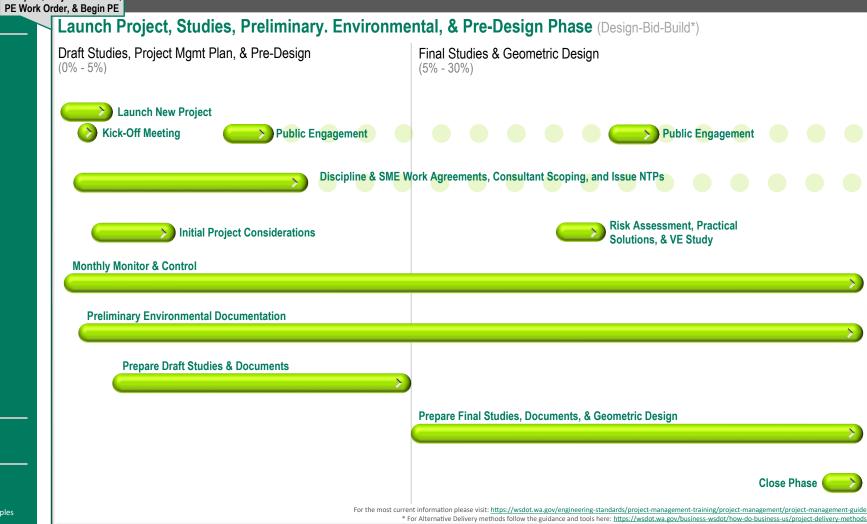


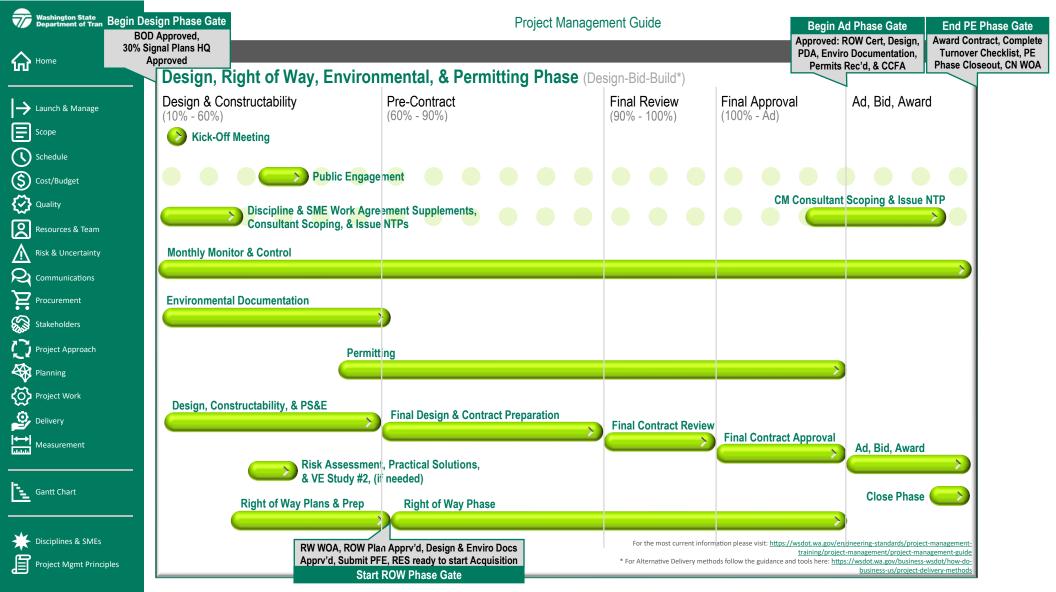
Begin PE Phase Gate Approved: Pre-Design Workplan, Project Definition,

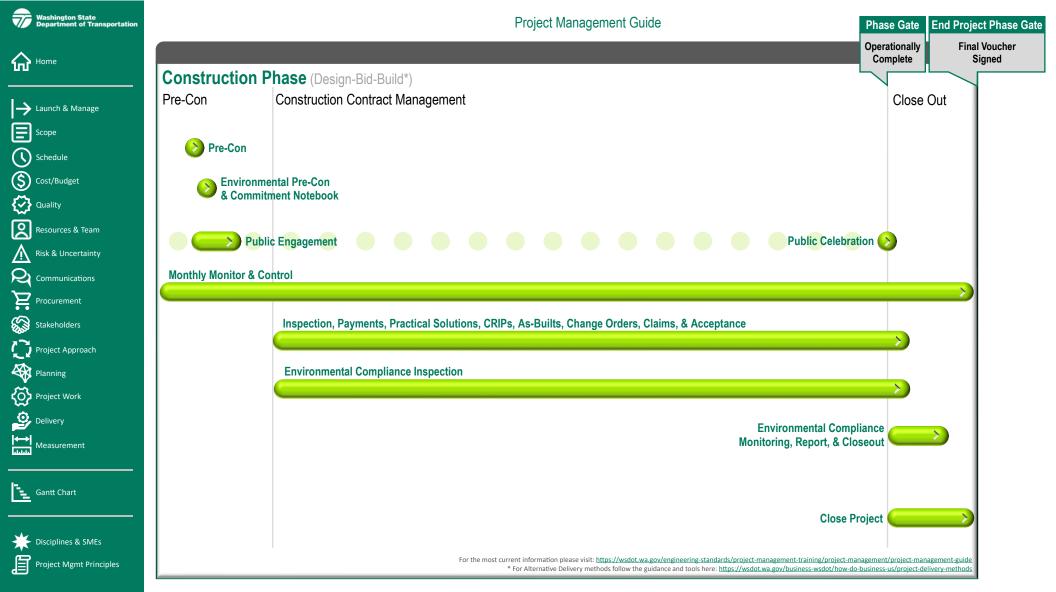


Disciplines & SMEs

Project Mgmt Principles







PMP Template Options

- ► PMP (Large) Template (DOCX 146KB)
- ► PMP (OnePage) Template #1 (DOCX 119KB)
- ► PMP (OnePage) Template #2 (XLSX 98KB)

Kick-Off Meeting Template Options

► Kick-off Meeting Template #1 (PPTX 177KB)

► Kick-off Meeting Template #2 (DOCX 33KB)