

<b>Phrase / Word</b>	<b>Definition</b>
Ad/Bid/Award Phase	Contract Plans processes
AGR	Alignment and Grade Review
BR	Bridge system
CE	Construction engineering phase
CN	Construction phase
Completion Date	Date that all construction is completed and contractor is off the project
Construction Phase	Construction processes
Final Cost	Total of all costs after all project phases (PE, RW, IC, CE, CN) closed
Final Design Phase	Plan-in-Hand (PIH) through Final Plan Review (FPR) and delivery of plans to Contract Plans
Finalized Date	Date that all phases are closed (PE, RW, IC, CE, CN)
FPR	Final Plan Review
IC	Incidental construction phase (Utilities)
IM	Interstate system
NH	Non-interstate national highway system
PE	Preliminary engineering phase
PFR	Preliminary Field Review
PIH	Plan-in-Hand
Planning Phase	MDT's nomination through Preliminary Field Review (PFR)
Preliminary Design Phase	Preliminary Field Review (PFR) through Scope of Work (SOW)
Programming Cost	Known cost at time of programming; may include contingency and inflation factors; includes all estimated costs (PE, CE, RW, IC, CN)
Project Category	IM, NH, STPP, STPS, STPU, BR, Safety
Project Completion Cost	Final cost of project as constructed
Project Development Phase	Scope of Work (SOW) to Plan-in-Hand (PIH)
Project District	MDT district (e.g., Great Falls, Billings, etc.)
Project Location	Urban or rural
Project Name/ID	Name or ID used by MDT
Project Type	N: New; R1: Rehabilitation; R2: Reconstruction; R3: Resurfacing Projects; SI: Spot Improvement
ROW	Right-of-Way
RW	Right-of-Way phase
Safety	Safety projects (Spot improvements not related to Emergency Relief Program)
SOW	Scope of Work
STIP	Statewide transportation improvement plan
STPP	State primary system
STPS	Secondary system
STPU	Urban system

<b>Project Description</b>	
Project Name/ID	
Project District	
Project Location	
Project Type	
Project Category	
<b>Schedule and Cost Information</b>	
<b>Planning Schedule</b>	
Date Project Programmed	
Expected Project Letting Date	
Date Project Awarded	
Number of Bidders	
<b>Construction Schedule</b>	
Starting Date of Construction	
Expected Construction Completion Date	
Construction Completion Date	
Finalized Date	
<b>Project Cost</b>	
Programming Cost Estimate	
Total Estimated Project Cost at the Time of Award	
Total Project Completion Cost (After All Phases Are Closed)	

**Known Uncertainties Included in Programming Cost**

**Provide break down of uncertainties included in the programming cost:**

Uncertainties	Considered	(\$)	(%)
a. Right-of-way			
b. Environmental			
c. Engineering			
d. Traffic			
e. Stakeholders			
f. Unforeseen events			
g. Market conditions			
h. Utilities			
i. Others (please specify)			

**Provide break down of uncertainties included in the programming schedule:**

Uncertainties	Considered	(months)	(%)
a. Right-of-way			
b. Environmental			
c. Engineering			
d. Traffic			
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f. Unforeseen events			
g. Market conditions			
h. Utilities			
i. Others (please specify)			

**Insufficient Knowledge of Right-Of-Way Factors**

			(\$)
	<b>Change in Project Cost</b>		
	If available break down this cost in the following subcategories:		
	<b>Subcategories</b>	<b>(\$)</b>	<b>(%)</b>
	a. Disagreement on freeway access		
	b. Objections to ROW appraisal		
	c. Acquisition problems		
	d. Staffing issues		
	e. Volatile real estate market/rapid escalation		
	f. Others (please specify)		
			(months)
	<b>Change in Project Schedule</b>		
	If available break down this schedule change in the following subcategories:		
	<b>Subcategories</b>	<b>(months)</b>	<b>(%)</b>
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**Unforeseen Engineering Complexities /  
Constructability Issues**

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	<b>If available break down this cost in the following subcategories:</b>		
	<b>Subcategories</b>	<b>(\$)</b>	<b>(%)</b>
	a. Sufficiency of plans and specifications		
	b. Change in seismic criteria		
	c. Soil conditions		
	d. Soil contamination		
	e. Contractors / subcontractors capability		
	f. Work zone safety and mobility		
	g. Site specific requirements		
	h. Geotechnical conditions		
	i. Drainage / hydraulic issues		
	j. Others (please specify)		
			(months)
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**Increased Local Government, Community, and Stakeholders Expectations**

			(\$)
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	If available break down this cost in the following subcategories:		
	<b>Subcategories</b>	<b>(\$)</b>	<b>(%)</b>
	a. Objections posed by local communities		
	b. Late changes requested by stakeholders		
	c. Emergence of new stakeholders demanding new work		
	d. Threats of lawsuit		
	e. Stakeholders choose time and/or cost over quality		
	f. Tribal Employment Rights Office (TERO) fee		
	g. Overlapping Governmental Jurisdictions		
	h. Others (please specify)		
			(months)
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**Unforeseen Events**

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	<b>If available break down this cost in the following subcategories:</b>		
	<b>Subcategories</b>	<b>(\$)</b>	<b>(%)</b>
	a. Forest fires		
	b. Weather related incidents (e.g., floods, wind, snow)		
	c. Earthquake		
	d. Man-made disasters (e.g., train derailments, vehicle accidents)		
	e. Change in state and national economic conditions / funding availability		
	f. Others (please specify)		
		(months)	
	<b>Change in Project Schedule</b>		
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**Changes in Market Conditions**

	(\$)		
	<b>Change in Project Cost</b>		
	If available break down this cost in the following subcategories:		
	<b>Subcategories</b>	<b>(\$)</b>	<b>(%)</b>
	a. Labor		
	b. Fuel		
	c. Materials		
	d. Land		
	e. Others (please specify)		
	(months)		
	<b>Change in Project Schedule</b>		
	If available break down this schedule change in the following subcategories:		
	<b>Subcategories</b>	<b>(months)</b>	<b>(%)</b>
	a. Labor		
	b. Fuel		
	c. Materials		
	d. Land		
	e. Others (please specify)		



**Utilities**

	(\$)		
	<b>Change in Project Cost</b>		
	If available break down this cost in the following subcategories:		
	<b>Subcategories</b>	<b>(\$)</b>	<b>(%)</b>
	a. Coordination with local utilities efforts		
	b. Utility negotiations		
	c. Delay		
	d. Railroad involvement		
	e. Others (please specify)		
	(months)		
	<b>Change in Project Schedule</b>		
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