

COLORADO DEPARTMENT OF TRANSPORTATION
PROJECT SCOPING/CLEARANCE RECORD

Construction Project #	Project Code	PE Project #	PE Project Code	STIP #	
Project Location			County	City	
Begin point	End point	Region Program Engineer			Region
Who requested this project? For what reason?					
What is the proposed improvement/scope of work? (Note changes as project develops)					

<p>Phase descriptions: (see Procedural Directive 512.1 for further information/instructions)</p> <p>Phase I Implementation to Statewide Transportation Improvement Program (STIP). As a project is included in the STIP. These activities should be reviewed for scoping the project, identifying concerns and determining future budget requirements.</p> <p>Phase II Design Scoping Review (DSR) – Takes place in the year before Preliminary Engineering (PE) is budgeted or immediately when PE is budgeted, to re-evaluate original scope. May be combined with pre-survey conference.</p> <p>Phase III Field Inspection Review (FIR) – Before or during the FIR, all project development and design needs identified in the scoping process must be resolved. The scope should not be changed after the FIR.</p>	<p>Comments:</p> <ol style="list-style-type: none"> 1) This form (Form 1048) is to be used in conjunction with the Project Development Manual. The numbering on this form corresponds with the Section and Subsection numbering in the manual. 2) The Resident Engineer typically delegates project management responsibilities to other positions based on the type of project and available expertise. 3) Documentation or activity sign-off date indicates clearance. All certification boxes require concurrence before project may be advertised. Use N/A if not applicable. 4) Blanks may be filled in a variety of ways. N/A = Not Applicable. ???=Not yet determinable. If activity is applicable, show date completed and initial. Check <input type="checkbox"/> when item is completed. Check "clear" box as each activity is cleared.
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Activity

Section 1 Scoping, Budgeting and Programming	Phase I Implementation to STIP	Phase II Design Scoping Review (DSR)	Phase III Field Inspection Review (FIR)	CLEAR	Certification/Clearance	
					Responsible party or reviewer (initial)	Documentation or activity sign-off date
1.01 Statewide Transportation Improvement Program <input type="checkbox"/> Public Involvement						
1.02 Estimated Initial Project Cost and Schedule						
1.03 Funding Sources and Resource Allocation (State, federal, local, etc.)						
1.04 Project Creation and Finances				<input type="checkbox"/>	Resident Engineer	
1.05 Consultant Selection and Contracting Process	Yes <input type="checkbox"/> No <input type="checkbox"/> ??? <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/> Check <input type="checkbox"/>	Status:	<input type="checkbox"/>	Agreements	
1.06 Contract Certification and Evaluation Requirements for Contract Management System (CMS)						
1.07 Pre-construction Project (or Design) Schedule						
1.08 Innovative Contracting						

Section 1 Scoping, Budgeting and Programming	Phase I Implementation to STIP	Phase II Design Scoping Review (DSR)	Phase III Field Inspection Review (FIR)	CLEAR	Certification/Clearance	
					Responsible party or reviewer (initial)	Documentation or activity sign-off date
1.09 Entity Agreement (Local Agency, Inter-governmental, Inter-agency, Public/Private) 1. _____ 2. _____	Yes No ??? <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Yes No Check <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Status:	<input type="checkbox"/>	Agreements	
1.10 Project Delivery Methods						
1.11 Force Account Construction Method <input type="checkbox"/> Form 895	Yes No ??? <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Yes No Check <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Yes No Date <input type="checkbox"/> <input type="checkbox"/> _____	<input type="checkbox"/>	Region Program Engineer	
1.12 Consolidated Projects			Applicable? <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/>	Resident Engineer	
1.13 Is this a Signature Project?		<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/>	Resident Engineer	
1.14 FASTER Bridge Enterprise Project		<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/>	Resident Engineer	

Section 2 Project Development Process	Phase I Implementation to STIP	Phase II Design Scoping Review (DSR)	Phase III Field Inspection Review (FIR)	CLEAR	Certification/Clearance	
					Responsible party or reviewer (initial)	Documentation or activity sign-off date
2.01 Design Scoping Review		Date(s):		<input type="checkbox"/>	Resident Engineer	
2.02 Stage Construction (Future Capacity Considerations)		Yes No Check <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Yes No Check <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	Resident Engineer	
2.03 Existing typical section						
2.04 Proposed typical section						
2.05 Design Data (Form 463)		Preliminary: Date:	Final: Date:	<input type="checkbox"/>	Resident Engineer	
2.06 Design Exception (Form 464) (Attach to Form 463)		<input type="checkbox"/> N/A <input type="checkbox"/> Applicable	<input type="checkbox"/> N/A <input type="checkbox"/> Sent	<input type="checkbox"/>	Resident Engineer	
2.07 Procedures for Addressing Safety Requirements on Resurfacing, Restoration and Rehabilitation Projects			Date:	<input type="checkbox"/>	Resident Engineer	
2.08 Safety Review (Including Clear Zone Decisions)		Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No	Status:	<input type="checkbox"/>	Resident Engineer	
2.09 Roadside Barrier Design and Review		Need <input type="checkbox"/> ??? <input type="checkbox"/> Yes <input type="checkbox"/> No	Yes No Check <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	Resident Engineer	
2.10 Bicycle and Pedestrian Facilities	Yes No ??? <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Yes No Check <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Status:	<input type="checkbox"/>	Resident Engineer	
2.11 Hydraulic Design <input type="checkbox"/> Erosion Control <input type="checkbox"/> Stormwater Quality Management		Yes No Check <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Status:	<input type="checkbox"/>	Hydraulics Engineer	
2.12 Consideration of Alternative Pipe Materials for Culverts, Storm Sewers, and Cross Drains (Underdrains and Sidedrains)			<input type="checkbox"/> Justified Status:	<input type="checkbox"/>	Resident Engineer	
2.13 CDOT Maintenance Input						

Section 2 Project Development Process	Phase I Implementation to STIP	Phase II Design Scoping Review (DSR)	Phase III Field Inspection Review (FIR)	C L E A R	Certification/Clearance	
					Responsible party or reviewer (initial)	Documentation or activity sign-off date
2.14 Field Survey (Form 1217) Required <input type="checkbox"/> Yes <input type="checkbox"/> No Date requested:		Completed Date		<input type="checkbox"/>	Region Survey Coordinator	
2.15 Value Engineering (During Design Phase)		Yes No Check <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Yes No N/A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	Resident Engineer	
2.16 Design Project Management and Region Plan Status Review			Date(s):	<input type="checkbox"/>	Resident Engineer	
2.17 Field Inspection Review <input type="checkbox"/> Combined FIR/FOR			Date(s):	<input type="checkbox"/>	Resident Engineer	
2.18 Constructability Reviews			Date(s):	<input type="checkbox"/>	Resident Engineer	
2.19 Design Office Review (Status Meeting)			Date(s):	<input type="checkbox"/>	Resident Engineer	
2.20 Design Decision Letter Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No		Date(s):	Date(s):	<input type="checkbox"/>	Resident Engineer	
2.21 **On-the-Job Trainee Approval <input type="checkbox"/> Force Account <input type="checkbox"/> Special Reviewed			Yes No Date <input type="checkbox"/> <input type="checkbox"/> _____	<input type="checkbox"/>	Region Civil Rights Manager	
2.22 **Disadvantaged Business Enterprise Goals			Yes No Status <input type="checkbox"/> <input type="checkbox"/> _____	<input type="checkbox"/>	Region Civil Rights Manager	
2.23 Special Provisions <input type="checkbox"/> Reviewed By			Yes No Check <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	Resident Engineer	
2.24 Proprietary Items			Yes No Date <input type="checkbox"/> <input type="checkbox"/> _____	<input type="checkbox"/>	Region Program Engineer	
2.25 Project Information Technology Needs				<input type="checkbox"/>	Resident Engineer	
2.26 **Project Control Data (Form 859)			Status:	<input type="checkbox"/>	Region Program Engineer	
2.27 **Estimate Review by Engineering Estimates and Market Analysis Unit				<input type="checkbox"/>	Engineering Estimates	
2.28 **Final Office Review			Date(s):	<input type="checkbox"/>	Resident Engineer	
2.29 **Bid Package Review (Form 1299) <input type="checkbox"/> Region <input type="checkbox"/> FHWA			Date:	<input type="checkbox"/>	Resident Engineer	
2.30 **Plans, Specifications and Estimate Approval (Form 1180)			Date: Date:	<input type="checkbox"/>	Resident Engineer	
2.31 Purchase Requisition for Construction Contract				<input type="checkbox"/>	Resident Engineer	
2.32 Plans and Reproduction Processes				<input type="checkbox"/>	Resident Engineer	
2.33 **Advertisement				<input type="checkbox"/>	Resident Engineer	
2.34 **PS&E Revisions Under Advertisement Approved <input type="checkbox"/> Yes <input type="checkbox"/> No			Date:	<input type="checkbox"/>	Resident Engineer	
2.35 **Re-advertisement				<input type="checkbox"/>	Region Program Engineer	
2.36 Retaining Bid Surplus Funds				<input type="checkbox"/>	Resident Engineer	

**Report status in Phase III column, activity usually falls after FIR.

Section 3 Environmental	Phase I Implementation to STIP			Phase II Design Scoping Review (DSR)			Phase III Field Inspection Review (FIR)	C L E A R	Certification/Clearance	
	Yes	No	Check	Yes	No	Check	Status:		Responsible party or reviewer (initial)	Documentation or activity sign-off date
3.01 CatEx Approval (Form 128)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Resident Engineer	
3.02 4(f) Properties	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Reg Plnr/Env Mgr	
3.03 6(f)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Reg Plnr/Env Mgr	
3.04 Air Quality	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Reg Plnr/Env Mgr	
3.05 Farmland	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Reg Plnr/Env Mgr	
3.06 Floodplains	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Reg Plnr/Env Mgr	
3.07 Hazardous Materials	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Reg Plnr/Env Mgr	
3.08 Historic Properties Clearances (Archaeology, History, Historic Bridge)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Reg Plnr/Env Mgr	
3.09 Migratory Birds	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Reg Plnr/Env Mgr	
3.10 Noise Analysis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Reg Plnr/Env Mgr	
3.11 Noxious Weeds	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Landscp Architect	
3.12 Paleontology	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Reg Plnr/Env Mgr	
3.13 Senate Bill 40 404 Permit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Reg Plnr/Env Mgr	
3.14 Social Resources	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Reg Plnr/Env Mgr	
3.15 Stormwater Management Plans (SWMP)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Reg Plnr/Env Mgr	
3.16 Threatened and Endangered Species	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Reg Plnr/Env Mgr	
3.17 Water Quality 401 Certification 402 Permit NPDES Permit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Reg Plnr/Env Mgr	
3.18 Wetlands 404 Permit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Landscp Architect	

Section 4 Traffic	Phase I Implementation to STIP			Phase II Design Scoping Review (DSR)			Phase III Field Inspection Review (FIR)	C L E A R	Certification/Clearance	
	Yes	No	Check	Yes	No	Check	Status:		Responsible party or reviewer (initial)	Documentation or activity sign-off date
4.01 Traffic Data (Form 463)				Available? <input type="checkbox"/> Yes <input type="checkbox"/> No				<input type="checkbox"/>	Resident Engineer	

Section 4 Traffic	Phase I Implementation to STIP	Phase II Design Scoping Review (DSR)	Phase III Field Inspection Review (FIR)	C L E A R	Certification/Clearance	
					Responsible party or reviewer (initial)	Documentation or activity sign-off date
			Status:			
4.02 Request and Analyze Crash Data	<input type="checkbox"/> Yes <input type="checkbox"/> No	Status:		<input type="checkbox"/>	Region Traffic	
4.03 Turning Movements Request <input type="checkbox"/> Shown on the plans		<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/>	Resident Engineer	
4.04 Traffic Movement Diagram Intersection layout req'd <input type="checkbox"/> Yes <input type="checkbox"/> No Interchange layout req'd <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Requested <input type="checkbox"/> Requested		<input type="checkbox"/>	Resident Engineer	
4.05 Signal warrants <input type="checkbox"/> On file				<input type="checkbox"/>	Region Traffic	
4.06 Intersection and Interchange Design <input type="checkbox"/> Yes <input type="checkbox"/> No	Required?	<input type="checkbox"/> Required? <input type="checkbox"/> Requested		<input type="checkbox"/>	Resident Engineer	
4.07 Traffic signal plan		<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/>	Project Traffic Engineer	
4.08 Lighting plan		<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/>	Resident Engineer	
4.09 Permanent Signing and Pavement Marking		Required? <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/>	Project Traffic Engineer	
4.10 Construction Transportation Management Plans		<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/>	Project Traffic Engineer	
4.11 Engineering Judgment and MUTCD Request Options		Status:		<input type="checkbox"/>	Project Traffic Engineer	
4.12 Transportation Systems Management and Operations Evaluation	Requested <input type="checkbox"/>	Status:		<input type="checkbox"/>	Project Traffic Engineer	

Section 5 Structures	Phase I Implementation to STIP			Phase II Design Scoping Review (DSR)			Phase III Field Inspection Review (FIR)	C L E A R	Certification/Clearance	
	Yes	No	Check	Yes	No	Check			Status:	Responsible party or reviewer (initial)
5.01 Major Structure – Bridge	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Project Structural Engineer	
5.02 Major Structure – Culvert	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Project Structural Engineer	
5.02B Major Structure – Tunnel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Project Structural Engineer	
5.03 Major Structure – Unusual	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Project Structural Engineer	
5.04 Pedestrian Overpasses and Underpasses	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Project Structural Engineer	
5.05 Architectural and Aesthetic Treatments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>		
5.06 Foundation Investigation and Recommendation				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Project Structural Engineer	
5.07 Structure Selection Report				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Project Structural Engineer	

Section 5 Structures	Phase I Implementation to STIP		Phase II Design Scoping Review (DSR)			Phase III Field Inspection Review (FIR)	C L E A R	Certification/Clearance		
	Yes	No	Check	Yes	No	Check		Status:	Responsible party or reviewer (initial)	Documentation or activity sign-off date
5.08 Retaining Walls				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Project Structural Engineer	
5.09 Noise Walls				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Project Structural Engineer	
5.10 Analysis of Structures to be Resurfaced				<input type="checkbox"/> Required	<input type="checkbox"/> Requested			<input type="checkbox"/>	Project Structural Engineer	
5.11 Determine Existing Structural Adequacy				OK <input type="checkbox"/>	N/A <input type="checkbox"/>	Check <input type="checkbox"/>		<input type="checkbox"/>	Project Structural Engineer	
5.12 Crashworthy Bridge Rail				OK <input type="checkbox"/>	N/A <input type="checkbox"/>	Check <input type="checkbox"/>		<input type="checkbox"/>	Project Structural Engineer	
5.13 Vertical Clearance of Structure				OK <input type="checkbox"/>	N/A <input type="checkbox"/>	Check <input type="checkbox"/>		<input type="checkbox"/>	Resident Engineer	
5.14 Accelerated Bridge Construction (ABC)				OK <input type="checkbox"/>	N/A <input type="checkbox"/>	Check <input type="checkbox"/>		<input type="checkbox"/>	Resident Engineer	

Section 6 Materials	Phase I Implementation to STIP		Phase II Design Scoping Review (DSR)			Phase III Field Inspection Review (FIR)	C L E A R	Certification/Clearance		
	Yes	No	Check	Yes	No	Check		Status:	Responsible party or reviewer (initial)	Documentation or activity sign-off date
6.01 Pavement Analysis for Distress	Type:			Type:		Type:		<input type="checkbox"/>	Region Materials Engineer	
6.02 Preliminary Soil Survey				Yes <input type="checkbox"/>	No <input type="checkbox"/>	Request <input type="checkbox"/>		<input type="checkbox"/>	Region Materials Engineer	
6.03 Foundation Investigation and Drilling				Yes <input type="checkbox"/>	No <input type="checkbox"/>	Request <input type="checkbox"/>		<input type="checkbox"/>	Resident Engineer	
6.04 Geotechnical Studies				Yes <input type="checkbox"/>	No <input type="checkbox"/>	Request <input type="checkbox"/>		<input type="checkbox"/>	Geology Program	
6.05 Life Cycle Cost Analysis								<input type="checkbox"/>	Region Materials Engineer	
6.06 Pavement Justification Report								<input type="checkbox"/>	Region Materials Engineer	

Section 7 Right of Way and Utilities	Phase I Implementation to STIP		Phase II Design Scoping Review (DSR)			Phase III Field Inspection Review (FIR)	C L E A R	Certification/Clearance		
	Yes	No	Type	Yes	No	Check		Status:	Responsible party or reviewer (initial)	Documentation or activity sign-off date
7.01 Right-of-way Involvement Access control? Easement acquisition required? Relocation assistance Trespass permit required? Advertising signs (commercial) <input type="checkbox"/> Illegal <input type="checkbox"/> Legal Existing easements Identify _____ Clearance _____	<input type="checkbox"/>	<input type="checkbox"/>	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	ROW Manager	

