

## R2 - PROJECT DEVELOPMENT (DESIGN) PROCESS

ITEM	<---- P H A S E ---->					
	PROJECT ID/PLANNING	CONCEPTUAL DESIGN	PRELIMINARY DESIGN	CONSTRUCTION DOCUMENT	CONSTRUCTION	POST-CONSTRUCTION
<b>MAJOR TASKS</b>	<ul style="list-style-type: none"> <li>Forest Plan Direction</li> <li>Facility Master Plan Direction</li> <li>Road Analysis (RAP) Direction</li> <li>Interpretive Master Plan Direction</li> <li>Forest Needs/Priorities (INFRA documentation)</li> <li>Project Concepts</li> <li>Recreation Opportunity Spectrum (ROS)</li> <li>Site Reconnaissance and Analysis</li> <li>Establish Budget</li> <li>Assign Design Team</li> </ul>	<ul style="list-style-type: none"> <li>Design Narrative, Prospectus and/or Prelim Project Analysis</li> <li>Design Guidelines</li> <li>Interpretive Plan</li> <li>Topographic Survey</li> <li>Utility Survey</li> <li>Base Map</li> <li>Site Evaluation Report</li> <li>Conceptual Site Plan</li> <li>NEPA &amp; Section 106 Compliance</li> <li>Preliminary Cost Estimate</li> <li>Identify roles &amp; responsibilities, process, and decision-maker</li> </ul>	<ul style="list-style-type: none"> <li>Project Plan and Agreement</li> <li>Preliminary Drawings and Site Development Plan</li> <li>Engineering Report w/ Life Cycle Costs</li> <li>Exhibit Plan</li> <li>Geotechnical Investigation</li> <li>Well Drilling and/or Testing</li> <li>Value Analysis (req'd for projects &gt;\$300,000)</li> <li>Preliminary Cost Estimate</li> </ul>	<ul style="list-style-type: none"> <li>AAP Listing</li> <li>Preliminary Staking</li> <li>Construction Drawings</li> <li>Specifications</li> <li>Government Provided Material</li> <li>Value Engineering</li> <li>Utility Negotiation</li> <li>Permits/Approvals</li> <li>Final Cost Estimate</li> <li>Bid Schedule &amp; Type of Bid (IFB, RFP, 8(a), etc.)</li> <li>Contracting (FS 6300-4)</li> <li>Advertisement</li> <li>Pre-bid Meeting</li> </ul>	<ul style="list-style-type: none"> <li>Contract Award</li> <li>Pre-Construction Meeting</li> <li>Contract Administration</li> <li>Submittal Review</li> <li>Inspection</li> <li>Testing</li> <li>Final Inspection</li> <li>Punch List</li> <li>As-Built Drawings</li> <li>O &amp; M Manual and Briefing/Training</li> <li>Exhibit Fabrication &amp; Installation</li> </ul>	<ul style="list-style-type: none"> <li>Dedication, Celebration &amp; Recognition</li> <li>Operations &amp; Maintenance</li> <li>Monitoring</li> <li>Post-Occupancy Evaluation</li> <li>Enter data into INFRA</li> </ul>
<b>RESPONSIBILITY</b>	Forest	Forest and/or Regional Office	Forest and/or Regional Office	Forest and/or Regional Office	Forest (Support by Regional Office)	Forest (Support by Regional Office)
<b>QUALITY ASSURANCE &amp; APPROVAL:</b>  PEER REVIEW (R) APPROVAL (A)  OFFICE: FOREST (F) REGIONAL OFFICE (RO)		<ul style="list-style-type: none"> <li>Project Proposal (A by F)</li> <li>Interpretive Plan (A by F &amp; RO)</li> </ul>	<ul style="list-style-type: none"> <li>Re: FSM 2300, 7100, 7300 &amp; R2 Supplement 7100-93-1</li> <li>Project Plan and Agreement (A by F &amp; RO)</li> <li>Site Development Plan (R by F and A by RO)</li> <li>Engineering Report (A by RO)</li> </ul>	<ul style="list-style-type: none"> <li>Re: FSM 2300, 7100, 7300 &amp; R2 Supplement 7100-93-1</li> <li>60% &amp; 90% CDs (R by F &amp; RO)</li> <li>100% CDs (A by F or RO)</li> </ul>	<ul style="list-style-type: none"> <li>Construction Inspection: COR (R); CO (A)</li> </ul>	
<b>SCHEDULE</b> CONSTRUCTION is FY 0	FY +4	FY +3 (Design: 10% complete)	FY +2 (Design: 30%-50% complete)	FY +1 (Design: 100% complete)	FY 0 --> FY -1	On-Going
<b>FUNDING &amp; BUDGET</b>	Forest Funded <ul style="list-style-type: none"> <li>Identify Fund Source(s)</li> </ul>	Forest and/or Program Funded <ul style="list-style-type: none"> <li>Request Preliminary Design Funding</li> </ul>	<ul style="list-style-type: none"> <li>Capital Investment Program (CIP), Roads, and/or Other Fund Source</li> <li>Request Construction Document Funding</li> <li>Identify Construction and Contract Administration Funding (President's List)</li> </ul>	<ul style="list-style-type: none"> <li>Capital Investment Program (CIP), Roads and/or Other Fund Source</li> <li>Ensure Construction and Contract Administration Funding is included in Appropriation</li> </ul>	<ul style="list-style-type: none"> <li>Capital Investment Program (CIP), Roads, and/or Other Fund Source</li> </ul>	Forest Funded