

### **30 Percent Status for project applications**

The following is a summary of general items that make up thirty percent plans for eligible stream, wetlands, trails, buildings, and bridge (structures) projects. This is not completely inclusive of all activities that may be needed, nor does the lack of an item on the list mean it is not needed or required. Planning, development, design, and execution of projects vary and the needs will vary from project to project as will the state and federal rules and regulations that apply.

Stream Projects (30%)	
<ul style="list-style-type: none"> <li>• Title Sheet</li> <li>• Location Map</li> <li>• Stream Use and Closure Dates</li> <li>• Legend</li> <li>• Scale</li> <li>• Grading Plan</li> <li>• Existing and proposed topography</li> <li>• Construction Access</li> <li>• Preliminary sequence of construction</li> <li>• Baseline of construction</li> <li>• Land cover (tree line, floodplain limit, existing features)</li> <li>• In-stream Structure locations</li> </ul>	<ul style="list-style-type: none"> <li>• Bank Stabilization</li> <li>• Detail Sheet(s)</li> <li>• Typical section</li> <li>• Typical riffle</li> <li>• Typical pool</li> <li>• Bankful width/depth</li> <li>• Flood prone area</li> <li>• Grading limits</li> <li>• Profile</li> <li>• Planting Plan</li> <li>• Planting Zones</li> <li>• Plant List</li> <li>• Property needed identified</li> </ul>

Wetland Projects (30%)	
<ul style="list-style-type: none"> <li>• Title Sheet</li> <li>• Location Map</li> <li>• Legend</li> <li>• Scale</li> <li>• Grading Plan</li> <li>• Existing and proposed topography</li> <li>• Wetland limits by type</li> <li>• Groundwater well/piezometer location</li> <li>• Property needed identified</li> </ul>	<ul style="list-style-type: none"> <li>• Construction Access</li> <li>• Preliminary sequence of construction</li> <li>• Baseline of construction</li> <li>• Land cover (treeline, floodplain limit, existing features)</li> <li>• Planting Plan</li> <li>• Planting Zones</li> <li>• Plant List</li> </ul>

### Trail Projects (30%)

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| <ul style="list-style-type: none"> <li>• Title Sheet with location map, legend for existing and proposed items including shading, scale (largest 100':1"), north arrow</li> <li>• Design plan sheets             <ul style="list-style-type: none"> <li>▪ Survey line w/bench marks/datum used to locate existing facilities and topography for the project's design.</li> <li>▪ A feasible horizontal and vertical alignment of proposed primary trail, spurs trails and destination/connector trails</li> <li>▪ Geometric values and stationing, on a table and on/near the alignment</li> <li>▪ Existing topography,                 <ul style="list-style-type: none"> <li>○ Roadway traffic direction arrow</li> <li>○ Identify existing facilities, buildings,</li> <li>○ Floodplain, streams, ditches, storm drain systems, etc.</li> </ul> </li> <li>▪ Utilities location/designation (horizontal location)</li> <li>▪ Existing and proposed R/W lines</li> <li>▪ Construction access location identified</li> <li>▪ Limits of toe/top of fill/cut</li> <li>▪ Typical Sections (with existing and proposed surfaces) with applicable station limits</li> <li>▪ Grade and cross slope</li> <li>▪ Preliminary pavement section</li> <li>▪ Cut and fill slopes</li> <li>▪ Limit of work</li> <li>▪ Propose Storm Water Management location and devices</li> <li>▪ Cross section sheets at a minimum 200ft. intervals</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>• Detail plan sheets             <ul style="list-style-type: none"> <li>▪ Details drawing of elements proposed such as non-SHA Book of Standards for C&amp;G. inlets, fencing, gates, ADA compliance design elements, short retaining walls, lighting structures (bridges, box culverts, and retaining walls), buildings, etc.</li> <li>▪ Projects that propose boardwalks (elevated walkways), bridges, and retaining walls will include information noted on applicable status lists.</li> </ul> </li> <li>• All necessary dimensions and stations to identify and locate existing features, including topography and underground utilities</li> <li>• Size and location of all major improvements, including trail alignments, trailheads, etc.</li> <li>• If known, location of proposed amenities, such as fences, railing, barriers, lighting, landscaping, sidewalks, entrances, etc.</li> <li>• Proposed edge of pavement</li> <li>• Existing and proposed right-of-way</li> <li>• Match lines</li> <li>• Any needed demolition identified</li> <li>• Property needed identified</li> <li>• Major quantity estimate with specific lines items for known elements such as light fixtures, traffic barrier, structures, building, utility relocations, etc.</li> </ul> |
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<b>Building Projects (30%)</b>	
<ul style="list-style-type: none"> <li>• Title Sheet</li> <li>• Location Map</li> <li>• Legend</li> <li>• Scale</li> <li>• Floor Plans</li> <li>• Property lines</li> <li>• All necessary dimensions</li> <li>• Existing and proposed topography and adjoining structures</li> <li>• Existing and proposed features</li> <li>• Proposed improvements, include the function of each room</li> <li>• If known, location of proposed amenities including landscaping, sidewalks, benches, etc.</li> </ul>	<ul style="list-style-type: none"> <li>• Existing and preliminary utility locations including plumbing, HVAC, electrical, and sewer</li> <li>• ADA accommodations</li> <li>• Property needed identified</li> <li>• Parking facilities</li> <li>• Edge of pavement</li> <li>• Drainage facilities</li> <li>• Signage locations</li> <li>• Any needed demolition identified</li> <li>• Limits of grading</li> <li>• Any needed demolition identified</li> <li>• Major quantities estimate</li> </ul>
<b>Bridge Projects (30%)</b>	
<ul style="list-style-type: none"> <li>• Title Sheet</li> <li>• Location map</li> <li>• Legend</li> <li>• Scale</li> <li>• Typical Sections</li> <li>• Station limits</li> <li>• Grade and cross slope</li> <li>• Type, class, and thickness of pavement and base</li> <li>• Abutments</li> <li>• Existing and proposed under clearance</li> <li>• Property needed identified</li> <li>• Plan Sheets</li> </ul>	<ul style="list-style-type: none"> <li>• North arrow</li> <li>• All necessary dimensions and stations</li> <li>• Existing features, including topography and underground utilities</li> <li>• Type, size, and line of structure</li> <li>• Soil boring locations and logs included in plans</li> <li>• Bridge thickness</li> <li>• Elevation</li> <li>• Toe of fill and slop of fill</li> <li>• Limit of work</li> <li>• Match lines</li> <li>• Any needed demolition identified</li> </ul>