

60 Percent Status

The following is a summary of general items that make up sixty-percent plans for eligible stream, wetlands, trails, buildings, and bridge (structures) projects. This is not meant to be 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. 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.

It is expected that these elements build upon the thirty-percent design plans, and maintain the same scope and limits of work approved for TEP funding submitted in the application.

Stream Projects (60%)	
<p>In addition to elements noted in the 30 percent status table:</p> <ul style="list-style-type: none"> • Completed title sheet • Cross Sections with existing and proposed grades • NEPA completed • Planting plans/schedule/species identified • Property acquisition underway or complete 	<ul style="list-style-type: none"> • Detail plans with property lines, utilities, and all design items • Profile sheets • Stream diversion details • Structure details – if included • Erosion and sediment control plans complete • Refined construction estimate
Wetland Projects (60%)	
<p>In addition to elements noted in the 30 percent status table:</p> <ul style="list-style-type: none"> • Completed title sheet • Cross Sections with existing and proposed grades • NEPA completed • Property acquisition underway or complete 	<ul style="list-style-type: none"> • Planting plans/schedule/species identified • Detail plans with property lines, utilities, and all design items • Erosion and sediment control plans complete • Refined construction estimate
Trail Projects (60%)	
<p>In addition to elements noted in the 30 percent status table:</p> <ul style="list-style-type: none"> • Erosion and Sediment Control design plans and preliminary E&S permit approval • Location and design of Storm Water Management facilities; closed storm drainage system; culverts and preliminary permit approval • Cross sections at a minimum 50 ft. interval • Property lines, utilities, all design items, baseline, roadways • NEPA completed and submitted to FHWA • Trail projects that propose structures (bridges, box culverts, retaining walls, elevated walkways) have obtained SHA Office of Structure concurrence for TS&L; Foundation Design; Soil Boring Report and; Scour Analysis Report • Line item construction estimate with breakdown of lump sum items • Erosion and sediment control plans complete • Value Engineering complete – if required 	<ul style="list-style-type: none"> • Property acquisition underway or complete • Location of proposed staging areas • Typical sections with proposed elements such as, signage, traffic barrier, fencing, structures, etc; • Plan sheet with connecting design details to adjoining/intersection properties entrances, roads, trails and spur that demonstrate compliance with SHA ADA guidelines • SHA concurrence of ADA compliance • Vertical alignment with underground utilities and location of structures • Proposed landscaping details and location • Detail sheets demonstrating all proposed elements noted on design plans such pedestrian and traffic lighting plans, structures, regulatory and informational signage, etc. • Refined construction estimate

Building Projects (60%)	
<p>In addition to elements noted in the 30 percent status table:</p> <ul style="list-style-type: none"> • Cross sections • NEPA completed • Refined construction estimate • Detail plans with property lines, utilities, all design items, baseline, roadways • Erosion and sediment control design plans and preliminary Erosion and sediment control permit approval 	<ul style="list-style-type: none"> • Value Engineering complete – if required • Location and design of Storm Water Management facilities; closed storm drainage system; culverts and preliminary permit approval • SHA architect’s structural review completed and concurrence provided • Property acquisition underway or complete
Bridge Projects (60%)	
<p>In addition to elements noted in the 30 percent status table:</p> <ul style="list-style-type: none"> • Cross sections • Additional typical sections • NEPA completed • Refined construction estimate • Property acquisition underway or complete • Erosion and sediment control plans complete • Value Engineering complete – if required 	<ul style="list-style-type: none"> • SHA Office of Structures concurrence of TS&L; Foundation Design; Soil Boring Report and; Scour Analysis Report. Structural and Final Design concurrence needed with submittal for FHWA authorization and approval to advertise