

P.S. and E. Stages - Expected Completion Guidelines
Consultant Submittal Schedule

August 10, 2007

This table is provided as a guide for defining what is expected by stage of completion for PS&E submittal. Depending on the project, all five stages may not be necessary. Modify the table - tasks, stages & percentages to meet the needs of your project. The purpose is to communicate your expectations to the consultant so that deliverable reviews are productive and the ability to meet the schedule is maintained.

Function Code	Description of Function Code	Drawing Description and / or Subtask	Stage I	Stage II	Stage III	Stage IV	Stage V
			Percent Complete at 30% Submittal	Percent Complete at 60% Submittal	Percent Complete at 90% Submittal	Percent Complete at 95% Submittal	Percent Complete at 100% Submittal
		Select/Add the Tasks Applicable to Your Project	Project Manager Review	Project Manager Review	Project Manager Review and District Plan Review	District Plan Review Submittal Complete PS&E for Final Review & Comment	Final Submission Signed and Sealed Final Comments Incorporated
110	Route and Design Studies	Data Collection	97%	100	100	100	100%
		Traffic Warrant Studies and Counts	97%	100	100	100	100%
		Field Reconnaissance	97%	100	100	100	100%
		Design Concept Conference	97%	100	100	100	100%
		Roadway & Hydraulic Design Criteria	97%	100	100	100	100%
		Preliminary Cost Estimate	97%	100	100	100	100%
		Refine Schematic	97%	100	100	100	100%
		Geotechnical Report	50%	97%	100%	100%	100%
120	Environmental & Public Involvement	Public Involvement	30%	60%	100%	100%	100%
		Environmental Data Sheets (information provided by TxDOT)	30%	50%	100%	100%	100%
130	Right of Way & Utilities	Review of ROW Mapping	75%	97%	100%	100%	100%
		Utility layouts (Exhibits)	30%	97%	100%	100%	100%
		Utility Inventory (conflict list/adjustment date/ effect of construction)	50%	95%	100%	100%	100%
		SUE Work by the State/Consultant	30%	90%	97%	100%	100%
150	Field Survey and Photogrammetry	Design Field Surveys	85%	95%	100%	100%	100%
		Survey Control Index Sheet	97%	100%	100%	100%	100%
		Horizontal and Vertical Control Sheet	97%	100%	100%	100%	100%
160	Roadway Design	Horizontal Alignment Data	80%	95%	97%	100%	100%
		Superelevation Profiles	30%	60%	97%	100%	100%
		Superelevation Data	60%	97%	97%	100%	100%
		Typical Sections	60%	95%	97%	100%	100%
		Design Cross Sections and Earthwork Computations	0%	30%	97%	100%	100%
		Mainline Plan and Profile	80%	97%	97%	100%	100%
		Frontage Road Plan and Profile	50%	80%	97%	100%	100%
		Ramp Plan and Profile	50%	80%	97%	100%	100%
		Direct Connector Plan and Profile	50%	80%	97%	100%	100%
		Cross Street Plan & Profile	50%	80%	97%	100%	100%
		Rail Layout Exhibits	60%	100%	100%	100%	100%
		Intersection Layouts	60%	80%	97%	100%	100%
		Contour Layouts	60%	80%	97%	100%	100%
		Project Layout	80%	95%	97%	100%	100%
		Driveway Details	0%	60%	97%	100%	100%
		Side Street Turnout Details	0%	60%	97%	100%	100%
		Ramp Terminal Details	0%	50%	97%	100%	100%
		Removal Plans/Layout	50%	80%	97%	100%	100%
		Miscellaneous Details	0%	60%	97%	100%	100%
		Miscellaneous Standards	0%	50%	97%	100%	100%
		FAA Exhibits	60%	90%	100%	100%	100%
		Texas Historic Preservation Office Exhibits	60%	90%	100%	100%	100%
161	Drainage	Drainage Area Maps	50%	90%	97%	100%	100%
		Storm Sewer Plan & Profile Sheets	30%	60%	97%	100%	100%
		Storm Sewer Lateral Sheets	30%	60%	97%	100%	100%
		Cross Culvert Plan & Profile Sheets	30%	60%	97%	100%	100%
		Hydraulic Data Sheets	25%	80%	97%	100%	100%
		SW3P Layout Sheets	0%	60%	97%	100%	100%
		SW3P Plan Sheets	0%	50%	97%	100%	100%
		Environmental, Permits, Issues and Commitments Sheet (EPIC)	30%	50%	97%	100%	100%
		Temporary Storm Sewer Plan Sheet	0%	80%	97%	100%	100%
		Drainage Details	0%	50%	97%	100%	100%
		Outfall Details	0%	50%	97%	100%	100%
		Detention Pond Layout Sheets	0%	50%	97%	100%	100%
		Outfall Layout Sheets	30%	60%	97%	100%	100%
		Outfall cross sections	30%	60%	97%	100%	100%
		Drainage Impact Study / Mitigation Report	90%	97%	100%	100%	100%
		Miscellaneous Standards	0%	50%	97%	100%	100%

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			Percent Complete at 30% Submittal	Percent Complete at 60% Submittal	Percent Complete at 90% Submittal	Percent Complete at 95% Submittal	Percent Complete at 100% Submittal
		Select the Tasks Applicable to Your Project	Project Manager Review	Project Manager Review	Project Manager Review and District Plan Review	District Plan Review Submittal Complete PS&E for Final Review & Comment	Final Submission Signed and Sealed Final Comments Incorporated
162	Signing, Marking and Signalization	Layouts	0%	50%	97%	100%	100%
		Intersection Layouts	0%	50%	97%	100%	100%
		Sign Elevations	0%	50%	97%	100%	100%
		Guide Sign Details	30%	80%	97%	100%	100%
		Miscellaneous Standards	0%	50%	97%	100%	100%
		Condition Diagrams	0%	50%	97%	100%	100%
		Temp./Perm. Signal Plan Layouts	0%	50%	97%	100%	100%
		Misc. Details	0%	50%	97%	100%	100%
		Miscellaneous Standards	0%	50%	97%	100%	100%
163	Miscellaneous	Municipal Utility Plans Coordination (COA)	0%	60%	97%	100%	100%
		TCP Advance Warning Sign Sheets	0%	50%	97%	100%	100%
		Sequence of Construction	50%	75%	97%	100%	100%
		Traffic Control Plans	30%	75%	97%	100%	100%
		Traffic Control Phasing Overview	30%	75%	97%	100%	100%
		Construction Guide Sign Sheets	0%	50%	97%	100%	100%
		Temp. Ramp Plan & Profile Sheets	0%	50%	97%	100%	100%
		Safety Review Team (SRT) Meeting	0%	0%	97%	100%	100%
		Temp. Retaining Wall Plan & Profile Sheets	0%	50%	97%	100%	100%
		Traffic Control Standards	0%	50%	97%	100%	100%
		Retaining Wall Plan & Profile Sheets	0%	50%	97%	100%	100%
		Retaining Wall & Inlet Details	0%	50%	97%	100%	100%
		Retaining Wall Rail Foundation Details	0%	50%	97%	100%	100%
		Retaining Wall Standards	0%	50%	97%	100%	100%
		Continuous Highway Lighting	0%	50%	97%	100%	100%
		Safety Lighting/Underpass Lighting	0%	50%	97%	100%	100%
		Illumination Standards	0%	50%	97%	100%	100%
		Aesthetic Design Elements (CSD)	30%	60%	97%	100%	100%
		Landscape Plans Coordination (TxDOT)	0%	60%	97%	100%	100%
		Title Sheet	50%	80%	97%	100%	100%
		Index of Sheets	30%	50%	97%	100%	100%
		Specifications	0%	0%	97%	100%	100%
		General Notes	0%	50%	97%	100%	100%
		Quantity Summary Sheets	30%	60%	97%	100%	100%
		Summary Sheets	0%	50%	97%	100%	100%
		Construction Schedule/Time Determination	0%	50%	97%	100%	100%
		Accelerated Construction Method	0%	50%	97%	100%	100%
		Toll Facilities Design	30%	50%	97%	100%	100%
165	Traffic Management Systems	ITS Facilities Design	30%	50%	97%	100%	100%
170	Bridge Design	Bridge Layout Plans	90%	97%	97%	100%	100%
		Bridge Typical Section	90%	97%	97%	100%	100%
		Bridge Details	0%	60%	97%	100%	100%
		Framing Plans	0%	60%	97%	100%	100%
		P/S Concrete Beam Details	0%	60%	97%	100%	100%
		Steel Girder Plan & Elevation	0%	60%	97%	100%	100%
		Steel Girder Details	0%	60%	97%	100%	100%
		Steel Bracing Details	0%	60%	97%	100%	100%
		Steel Bearing Details	0%	60%	97%	100%	100%
		Girder Deflection and Elevation Table	0%	60%	97%	100%	100%
		Slab Plans	0%	60%	97%	100%	100%
		Abutment Details	0%	60%	97%	100%	100%
		Interior Bent Details	0%	60%	97%	100%	100%
		Foundation Plans	0%	60%	97%	100%	100%
		Demolition Phasing	10%	50%	97%	100%	100%
		Miscellaneous Standards	0%	50%	97%	100%	100%
	QA/QC	PS&E Checklist	100%	100%	100%	100%	100%