

Term Agreement Categories Updates

Updated Descriptions:

[A3. Hydraulics](#)

This category of service includes preparation of hydraulic reports for bridges and bridge sized culverts, bridge scour analysis, scour countermeasure design and evaluation of flood potential and hazards. The consultant shall follow the procedures outlined in the ITD Bridge Hydraulics Manual and as directed by the Hydraulics Engineer.

[B1. General Roadway Design](#)

This category of service includes:

Project Development: Includes the design of any or all phases of a roadway in accordance with the procedures outlined in the ITD Design Manual and CADD Standards Guide. The design shall conform to applicable standards.

Minor Hydraulics: Includes the design of roadway drainage, stormwater, and culverts less than ten (10) feet in span. The consultant shall follow the procedures outlined in the ITD Design Manual and as directed by the Headquarters Roadway Hydraulics Engineer.

Other areas of service: Includes clearances, permits, railroad encroachments and crossings, and utilities.

[B4. Value Engineering](#)

This category of service is for the facilitation of value engineering studies. These tasks are outlined in the ITD Value Engineering Guidelines and ITD Roadway Design Manual and must meet the needs of CFR Part 627 Value Engineering.

Term Agreement Categories Updates

Former Descriptions:

A3. Hydraulics

This category of service includes preparation of hydraulic reports for bridges and culverts, design of storm drains, drainage and irrigation facilities, bridge scour evaluations, and evaluation of flood potential and hazards. The consultant shall follow the procedures outlined in the ITD Design Manual and as directed by the Hydraulics Engineer.

B1. General Roadway Design

This category of service includes:

Concept Study: Includes benefit/cost analyses on all alternatives utilizing surveying, mapping, topography, and the materials investigation. Design criteria and controls used in developing alternatives shall be in accordance with the procedures outlined in the ITD Design Manual. Completion of the Concept Report, including preliminary cost estimates, may also be included.

Project Development: Includes the design of any or all phases of a roadway in accordance with the procedures outlined in the ITD Design Manual, including outline specifications. The design shall conform to applicable standards.

Minor Hydraulics: This consists of the preparation of hydraulic reports for single span structures up to five (5) feet in span and culverts up to five (5) feet in diameter. The consultant shall follow the procedures outlined in the ITD Design Manual and as directed by the Hydraulics Engineer. It also includes the design of roadway storm drains 24" and below in size.

Other areas of service: Includes clearances, permits, railroad encroachments and crossings, utilities, hearings, and location and/or design study report.

B4. Value Engineering

This category of service includes constructability reviews, re-engineering workshops, facilitation and/or participation on value engineering teams as these services pertain to project development.