Preliminary Design Phase

Scoping Approval

Preliminary Roadway Design (36P)

- Typical Sections
- Alignment, Grade & Preliminary x-sections
- Utility Designation — LD-261
- R/W & Utilities Impacts

S/F Noise Abatement Design (39, 55)

S/F Hydraulic / E&S Design (36H, 37H) — LD-252, LD-269, LD-204, LD-347

Major Structure Data Report (41)

Major Structure Foundations Recommendations

Preliminary Bridge/Ret. Structure

- Plan & Elevation
- Typical Sections
- Special Details

(46C,D,38,54)

Bridge Hydraulic Analysis (46H) — LD-293, LD-23, LD-293C, **F** LD-293B, LD-293D

Preliminary TCD/ITS Design (35C,D)

- Signs
- Signals
- Lighting

Preliminary Landscape (53P)

- Aesthetic Analysis — LD-252
- Mitigation

S/F Stream/Wetland Coordination

Hazard Material Assessment

S/F Draft Env. Document (CE, EA) (25X, 25)

Public Hearing Team Mtg. (48X)

Furnish Public Hearing Plans

S/F Public Outreach/Public Hearing (48)

Plan Design Changes

Design Approval (49, 49X)

Constructability Review (49C)

Work Zone Safety & Mobility Review

S/F Willingness Posted (47), (47X)

Public Hearing Plan Prep. (47), (48) — PM-104, PM-120, LD-436

S/F VE (32, 32X)

Utility Assessment/Easements

R/W & Utilities Data for Public Hearing (44)

Preliminary Utility Field Inspection

R/W Special Negotiations Identification (68)

Furnish Preliminary Utility Field Inspection Plans

R/W Assessment/Easements
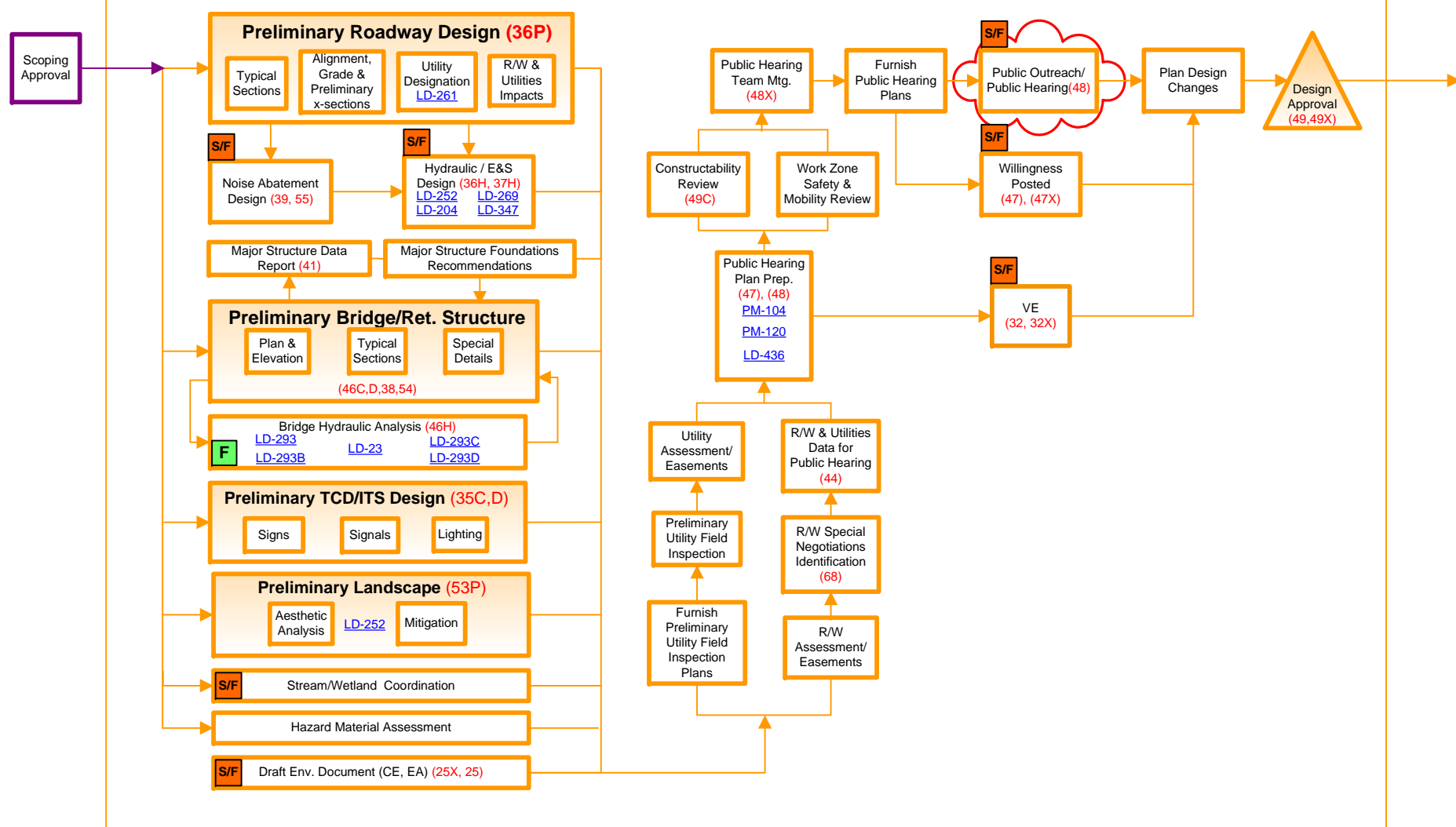

CODE REQUIREMENTS

For Applicable State and Federal Code regulations please click on box indicated with S, F or S/F

LEGEND

- **S** State Required
- **F** Federal Required
- **S/F** Federal / State Required

ACRONYMS

CA	-	Categorical Exclusion
EA	-	Environmental Assessment
E&S	-	Erosion and Sediment Control
ITS	-	Intelligent Transportation Systems
MOT	-	Maintenance of Traffic
R/W	-	Right of Way
TCD	-	Traffic Control Device
VE	-	Value Engineering

AW.Frazier