Level of Development (LOD)
Scoping Table for Roadways

Illinois Department of Transportation

Illinois Tollway

Earthwork & Environmental

Element	Contractual	Master Plan - Final	Pre-Concept	Concept (30%)	Preliminary (60%)	Pre-Final (95%)	Final (100%)	Advertisement	Construction	As-Built
Existing Grounds										
Grading (Final Surface)										
Grading (Construction Stages)										
Topsoil										
Select Backfill										
Cut/Fill & Embankment										
Landscaping & Reforestation										
Erosion Control										
Environmental Soil Classification (Tollway Specific)										
Environmental "Regulated" Soil Waste Classification (IDOT Specific)										

Stormwater Drainage

Element	Contractual	Master Plan - Final	Pre-Concept	Concept (30%)	Preliminary (60%)	Pre-Final (95%)	Final (100%)	Advertisement	Construction	As-Built
Drainage Structures										
Roadway Curb and Gutter										
Storm Sewer										
Pipe Underdrain										
Bathymetry										
Detention Ponds										
Water Surface										

Utilities, ITS, Electrical

Element	Contractual	Master Plan - Final	Pre-Concept	Concept (30%)	Preliminary (60%)	Pre-Final (95%)	Final (100%)	Advertisement	Construction	As-Built
Underground Utilities										
Above Ground Utilities										
Distribution Systems & Above Ground Cabinetries										
Roadway Lighting										
Traffic Signals										
Tolling Equip. & Devices										
Intelligent Transportation System (ITS)										

Signage

Element	Contractual	Master Plan - Final	Pre-Concept	Concept (30%)	Preliminary (60%)	Pre-Final (95%)	Final (100%)	Advertisement	Construction	As-Built
Signage (Overhead)										
Signage (Roadside)										

Roadway (Pavement & Geometrics)

Element	Contractual	Master Plan - Final	Pre-Concept	Concept (30%)	Preliminary (60%)	Pre-Final (95%)	Final (100%)	Advertisement	Construction	As-Built
Roadway Pavement										
Pavement Markings										
Geometrics										
Superelevations										
Intersections & Driveways										
Sidewalks										
Guardrail										
Rigid (Concrete) Barriers										

Roadway (MOT, Site, Plaza)

Element	Contractual	Master Plan - Final	Pre-Concept	Concept (30%)	Preliminary (60%)	Pre-Final (95%)	Final (100%)	Advertisement	Construction	As-Built
Temporary MOT Elements (Roadway Only)										
Temporary MOT Elements (Typical Sections)										
Site Work Plans										
Toll Plaza Plans & Details										

Level of Development (LOD)
Scoping Table for Structures

Illinois Department of Transportation

Illinois Tollway

Structural (Bridge – Deck & Approach)

Element	Contractual	Master Plan - Final	Pre-Concept	Concept (30%)	Preliminary (60%)	Pre-Final (95%)	Final (100%)	Advertisement	Construction	As-Built
Deck, Approach, Transition, and Sleeper Slabs										
Parapets, Sidewalk And Median										
Bridge Railing and Traffic Barrier										
Light Pole Foundation and Parapet Conduit										
Bridge Mounted Sign Support										
Expansion Joints										
Deck Drains and Drainage Scuppers										
Drain Pipes and Support										

Structural (Bridge – Superstructure)

Element	Contractual	Master Plan - Final	Pre-Concept	Concept (30%)	Preliminary (60%)	Pre-Final (95%)	Final (100%)	Advertisement	Construction	As-Built
Bridges Prestressed Concrete Beams										
Bridge Girder Steel										
Steel Diaphragms / Cross-Frames										
Bearings										

Structural (Bridge – Substructure)

Element	Contractual	Master Plan - Final	Pre-Concept	Concept (30%)	Preliminary (60%)	Pre-Final (95%)	Final (100%)	Advertisement	Construction	As-Built
Concrete Pier and Crashwall										
Concrete Abutment and Wingwall										
MSE Abutment										
Embankment and Slopewalls										
Waterways										
Shallow Foundation										
Drilled Shaft										
Pile Foundation										

Structural (Retaining Walls)

Element	Contractual	Master Plan - Final	Pre-Concept	Concept (30%)	Preliminary (60%)	Pre-Final (95%)	Final (100%)	Advertisement	Construction	As-Built
Cast-In-Place T-Type										
MSE Wall										
Soldier Pile Wall										
Permanent Sheet Pile Wall										
Soil Nail Wall										
Moment Slab on Retaining Wall, Parapet, Noisewall										
Pipe Railing										
Light Pole Mounting										

Structural (Noise Abatement Walls)

Element	Contractual	Master Plan - Final	Pre-Concept	Concept (30%)	Preliminary (60%)	Pre-Final (95%)	Final (100%)	Advertisement	Construction	As-Built
Precast Concrete Panel										
Steel Posts and Supports										
Ground Mounted NAW Foundation (Drilled Shaft)										

Structural (Temporary Structures)

Element	Contractual	Master Plan - Final	Pre-Concept	Concept (30%)	Preliminary (60%)	Pre-Final (95%)	Final (100%)	Advertisement	Construction	As-Built
Temporary Soil Retention System										
Temporary Geotextile Walls and Temporary MSE Systems										
Cofferdams and Seal Coats										

Structural (Culverts)

Element	Contractual	Master Plan - Final	Pre-Concept	Concept (30%)	Preliminary (60%)	Pre-Final (95%)	Final (100%)	Advertisement	Construction	As-Built
Cast-in-Place Culvert										
Precast Culvert										
Permanent Sheet Pile Wingwall										
Soldier Pile Wing Wall										