

- The Project Baseline Schedule shall be organized in a Work Breakdown Structure (WBS). Each schedule activity shall be mapped to one and only one of the parent WBS activities. The Project Baseline Schedule shall include all major Work activities required under the DB Agreement. The WBS identified below shall be the basis for organizing all Work under the Contract Documents and shall be used to structure the baseline schedule. The WBS shall conform to the level of structure below, which represents the required minimum levels of the WBS that all schedule information shall rollup to. Sections listed below that are not applicable to the project should be removed at the DB Team's discretion. The DB Team has the option, should they choose, to further develop and detail the base WBS, however any modifications cannot alter or interfere with the WBS minimum requirements or ability to summarize to the required minimum WBS levels. The DB Team may add additional activities to the levels presented below with GDOT's prior written acceptance. GDOT will provide a WBS template as a RID.

## 1.0 Project Name

### 1.1 Project Management

- 1.1.1. Administration
- 1.1.2. Bonds and Financing
- 1.1.3. Insurance
- 1.1.4. QA/QC

### 1.2. Design

#### 1.2.1. Environmental

- 1.2.1.1. (By subsections determined by DB Team w/GDOT concurrence)

#### 1.2.2. Roadway

- 1.2.2.1. (By subsections determined by DB Team w/GDOT concurrence)

#### 1.2.3. Drainage

- 1.2.3.1. (By subsections determined by DB Team w/GDOT concurrence)

#### 1.2.4. Structures

- 1.2.4.1. (By subsections determined by DB Team w/GDOT concurrence)

##### 1.2.4.1.1. Bridge

- 1.2.4.1.1.1. (By Bridge No.)

##### 1.2.4.1.2. Retaining Wall/Noise Wall

- 1.2.4.1.2.1. (By Retaining Wall/Noise Wall)

##### 1.2.4.1.3. Building

- 1.2.4.1.3.1. (By Building)

#### 1.2.5. Railroad

- 1.2.5.1. \_\_\_\_\_RR

- 1.2.5.2. \_\_\_\_\_RR

#### 1.2.6. Landscape & Aesthetics

- 1.2.6.1. (By subsections determined by DB Team w/GDOT concurrence)

#### 1.2.7. Traffic

- 1.2.7.1. (By subsections determined by DB Team w/GDOT concurrence)

##### 1.2.7.1.1. Signing

##### 1.2.7.1.2. Traffic Signal Systems

##### 1.2.7.1.3. Roadway Illumination

#### 1.2.8. Intelligent Transportation System (ITS)

- 1.2.8.1. (By subsections determined by DB Team w/GDOT concurrence)

- 1.2.9. Traffic Management and Controls During Construction
  - 1.2.9.1. (By subsections determined by DB Team w/GDOT concurrence)
- 1.2.10. Tolling
  - 1.2.10.1. (By subsections determined by DB Team w/GDOT concurrence)
- 1.2.11. QA/QC
  - 1.2.11.1. (By subsections determined by DB Team w/GDOT concurrence)
- 1.3. Right of Way (ROW) Acquisition
  - 1.3.1. (By subsections determined by DB Team w/GDOT concurrence)
    - 1.3.1.1 (By Parcel No.)
- 1.4. Utility Adjustments
  - 1.4.1. (By Utility Owner)
    - 1.4.1.1. Negotiate Agreements
    - 1.4.1.2. Locate Existing Utilities
    - 1.4.1.3. Prepare Utility Assembly
    - 1.4.1.4. Construct Utility Adjustment
- 1.5. Construction
  - 1.5.1. Mobilization
  - 1.5.2. Roads
    - 1.5.2.1. (By subsections determined by DB Team w/GDOT concurrence)
      - 1.5.2.1.1. Local Roads
        - 1.5.2.1.1.1. Erosion Control
        - 1.5.2.1.1.2. Earthwork
        - 1.5.2.1.1.3. Pavement, Pvmnt Markings
        - 1.5.2.1.1.4. TCP/MOT
        - 1.5.2.1.1.5. Other Rdwy. Appurtenances (Barriers, Guardrail, Impact Attenuators)
        - 1.5.2.1.1.6. Fencing
      - 1.5.2.1.2. Mainlines and Ramps
        - 1.5.2.1.2.1. Erosion Control
        - 1.5.2.1.2.2. Earthwork
        - 1.5.2.1.2.3. Pavement, Pvmnt Markings
        - 1.5.2.1.2.4. TCP/MOT
        - 1.5.2.1.2.5. Other Rdwy Appurtenances (Barriers, Guardrail, Impact Attenuators)
        - 1.5.2.1.2.6. Fencing
      - 1.5.2.1.3. Managed Toll Lanes
        - 1.5.2.1.3.1. Erosion Control
        - 1.5.2.1.3.2. Earthwork
        - 1.5.2.1.3.3. Pavement, Pvmnt Markings
        - 1.5.2.1.3.4. TCP/MOT
        - 1.5.2.1.3.5. Other Rdwy Appurtenances (Barriers, Guardrail, Impact Attenuators)
        - 1.5.2.1.2.6. Fencing
  - 1.5.3. Drainage
    - 1.5.3.1. (By subsections determined by DB Team w/GDOT concurrence)
      - 1.5.3.1.1. Cross Culverts
        - 1.5.3.1.1.1. (By location)

- 1.5.3.1.2. Local Roads
  - 1.5.3.1.2.1. Trunkline
  - 1.5.3.1.2.2. Inlets and Laterals
- 1.5.3.1.3. Mainlanes, Managed Toll Lanes, and Ramps
  - 1.5.3.1.3.1. Trunkline
  - 1.5.3.1.3.2. Inlets and Laterals
- 1.5.3.1.4. Crossing Streets
  - 1.5.3.1.4.1. (By Street)
- 1.5.4. Structures
  - 1.5.4.1. (By subsections determined by DB Team w/ GDOT concurrence)
    - 1.5.4.1.1. Bridges
      - 1.5.4.1.1.1. (By Bridge No.)
        - 1.5.4.1.1.1.1. Foundations
        - 1.5.4.1.1.1.2. Substructure
        - 1.5.4.1.1.1.3. Superstructure
      - 1.5.4.1.1.2. Retaining Walls
        - 1.5.4.1.1.2.1. (By Retaining Wall No.)
      - 1.5.4.1.1.3. Noise Walls
        - 1.5.4.1.1.3.1. (By Noise Wall No.)
- 1.5.5. Railroad
  - 1.5.5.1. \_\_\_\_\_RR (By subsections determined by DB Team w/ GDOT concurrence)
    - 1.5.5.1.1. Bridges
    - 1.5.5.1.2. Trackwork
      - 1.5.5.1.2.1. Track
      - 1.5.5.1.2.2. Switches
      - 1.5.5.1.2.3. Signal Work
      - 1.5.5.1.2.4. Flagging
- 1.5.6. Landscaping
  - 1.5.6.1. (By subsections determined by DB Team w/GDOT concurrence)
    - 1.5.6.1.1. Trees and Shrubs
    - 1.5.6.1.2. Seeding and Sodding
    - 1.5.6.1.3. Plants and Ground Cover
- 1.5.7. Traffic Related Elements
  - 1.5.7.1. (By subsections determined by DB Team w/GDOT concurrence)
    - 1.5.7.1.1. Sign and Sign Support Structures
      - 1.5.7.1.1.1 Mainlines and Ramps
      - 1.5.7.1.1.2 Frontage Roads
      - 1.5.7.1.1.3 Crossing Streets
    - 1.5.7.1.2. Traffic Signal Systems
      - 1.5.7.1.2.1. (By location)
    - 1.5.7.1.3. Roadway Illumination
      - 1.5.7.1.3.1. Mainlines and Ramps
      - 1.5.7.1.3.2. Frontage Roads
      - 1.5.7.1.3.3. Crossing Streets
        - 1.5.7.1.3.3.1. (by Crossing Street)
- 1.5.8. ITS
  - 1.5.8.1. (By subsections determined by DB Team w/GDOT concurrence)

- 1.5.8.1.1. Conduits
    - 1.5.8.1.2. Closed Circuit Television (CCTV)
    - 1.5.8.1.3. Vehicle Detection
    - 1.5.8.1.4. Changeable Message Signs (CMS)
    - 1.5.8.1.5. Lane Control Signals
  - 1.5.9. Traffic Control During Construction
    - 1.5.9.1. (By subsections determined by DB Team w/GDOT concurrence)
      - 1.5.9.1.1. Traffic Mgmt. Strategy/All Stages
      - 1.5.9.1.2. Traffic Control and Signing
      - 1.5.9.1.3. Temporary Detours
  - 1.5.10. Tolling
    - 1.5.10.1. (By subsections determined by DB Team w/GDOT and SRTA concurrence)
      - 1.5.10.1.1. Electronic Toll Collection System (ETCS) Infrastructure
        - 1.5.10.1.1.1. Conduit Systems and Hubs
        - 1.5.10.1.1.2. Support Structures
      - 1.5.10.1.2. ETCS Equipment
  - 1.5.11. Buildings
    - 1.5.11.1. (By subsections determined by DB Team w/GDOT concurrence)
      - 1.5.11.1.1. (By Building)
- 1.6. Operations During Construction
  - 1.6.1. Project Patrols and Inspections
  - 1.6.2. Traffic Control and Incident Management
  - 1.6.3. Policing
  - 1.6.4. Power Costs
- 1.7. Maintenance During Construction
  - 1.7.1. Roadway
  - 1.7.2. Drainage
  - 1.7.3. Structures
  - 1.7.4. Pavement Marking, Object Markers, Barriers, Delineators
  - 1.7.5. Guard Rail, Safety Barrier, Impact Attenuator
  - 1.7.6. Signs
  - 1.7.7. Traffic Signal Systems
  - 1.7.8. Lighting
  - 1.7.9. Fences and Noise Walls
  - 1.7.10. Roadside Management
  - 1.7.11. ITS and ETCS
  - 1.7.12. Buildings
  - 1.7.13. Incident Response
  - 1.7.14. Customer Response