

# Highway Construction Work Breakdown Structure

## 1. Project Management

- Project Planning
- Cost Estimation
- Scheduling
- Quality Assurance
- Reporting & Documentation

## 2. Site Preparation

- Surveying & Layout
- Clearing & Grubbing
- Utility Relocation
- Temporary Facilities

## 3. Earthworks

- Excavation
- Filling & Embankment
- Subgrade Preparation
- Compaction
- Drainage Installation

## 4. Pavement Construction

- Base Course
- Binder Course
- Wearing Course
- Shoulder Construction

## 5. Structures

- Bridges
- Culverts
- Retaining Walls
- Underpasses & Overpasses

## 6. Road Facilities

- Lighting
- Signage & Markings
- Guardrails & Barriers
- Bus Stops & Lay-bys

## 7. Environmental Protection

- Erosion Control
- Dust & Noise Mitigation
- Site Restoration

## 8. Commissioning & Handover

- Final Inspection
- Testing
- Documentation
- Project Handover