HNTB
Project Controls –
Schedule Collaboration
HNTB Project Controls

Contractor Background
Cost Estimating
Planning/ Scheduling
Risk/ Decision Management
Document Control
Highway 169
Reconstruction Project
Blue Earth, Minnesota
Planning & Scheduling Collaboration

- Guided Inexperienced Schedule Consultant
- Results:
  - Owner and Contractor Buy-in
  - Illegitimate Requests for Time and Money Eliminated Quickly
  - Schedule Became a Focus of Collaboration and Not Contention
  - Road Open to Traffic on Schedule
I-96 Reconstruction Project
Newburgh Road to Telegraph Road
City of Livonia and Redford Township, Michigan
Project Map

Road reconstruction & geometric upgrades, bridges, retaining walls, drainage, utility relocation, lighting, signing, signals, MIT3 and landscaping

[Diagram showing road map with reference to bridge numbers and locations.]
Planning & Scheduling Collaboration

- Guided Inexperienced Project Scheduler
- Results:
  - Owner and Contractor Buy-in
  - Illegitimate Disputes Eliminated Quickly
  - Accurate Time Impact Analysis to Critical Path
  - Project Completed on Schedule
M1 RAIL
Woodward Avenue Streetcar Project
Detroit, Michigan
Planning & Scheduling Collaboration for Integrated Testing

- Testing & Commissioning (T&C)
- T&C process into four main stages:
  - Factory Acceptance/Inspection Test (FAT)
  - Site Installation Test (SIT)
  - Site Acceptance Test (SAT)
  - Overall Site Acceptance/Performance Test
Planning & Scheduling Collaboration for Integrated Testing

- Integrated Master Program Schedule
- Turnover Tracking Matrix

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<tr>
<th>Certifiable Elements List</th>
<th>Days</th>
<th>Start</th>
<th>Finish</th>
<th>Start</th>
<th>Status</th>
<th>Finish</th>
<th>Comments</th>
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Planning & Scheduling Collaboration for Integrated Testing

- Testing Schematics by System
HNTB Project Controls Contact Info:

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