

2015 FRA Rail Program Delivery



Lightning Talk: Indiana Gateway Project

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Indiana Gateway

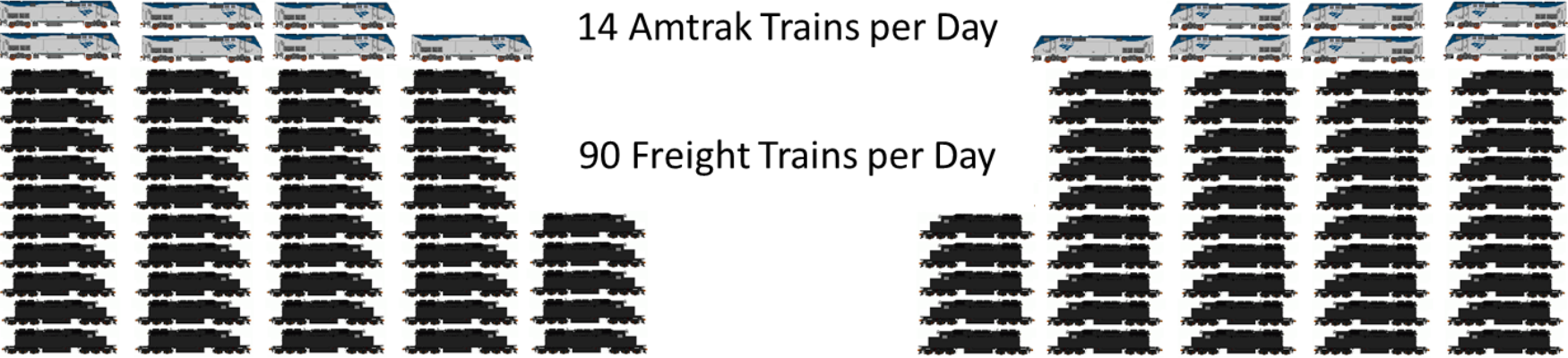
Location

- Northwest Indiana
- Seven projects on the Norfolk Southern Chicago Line
- One project on the Amtrak Michigan Line

Purpose

- Maintain reliability of Amtrak schedules on the Chicago Line

NS Chicago Line Traffic



Traffic West of Porter

Implementation

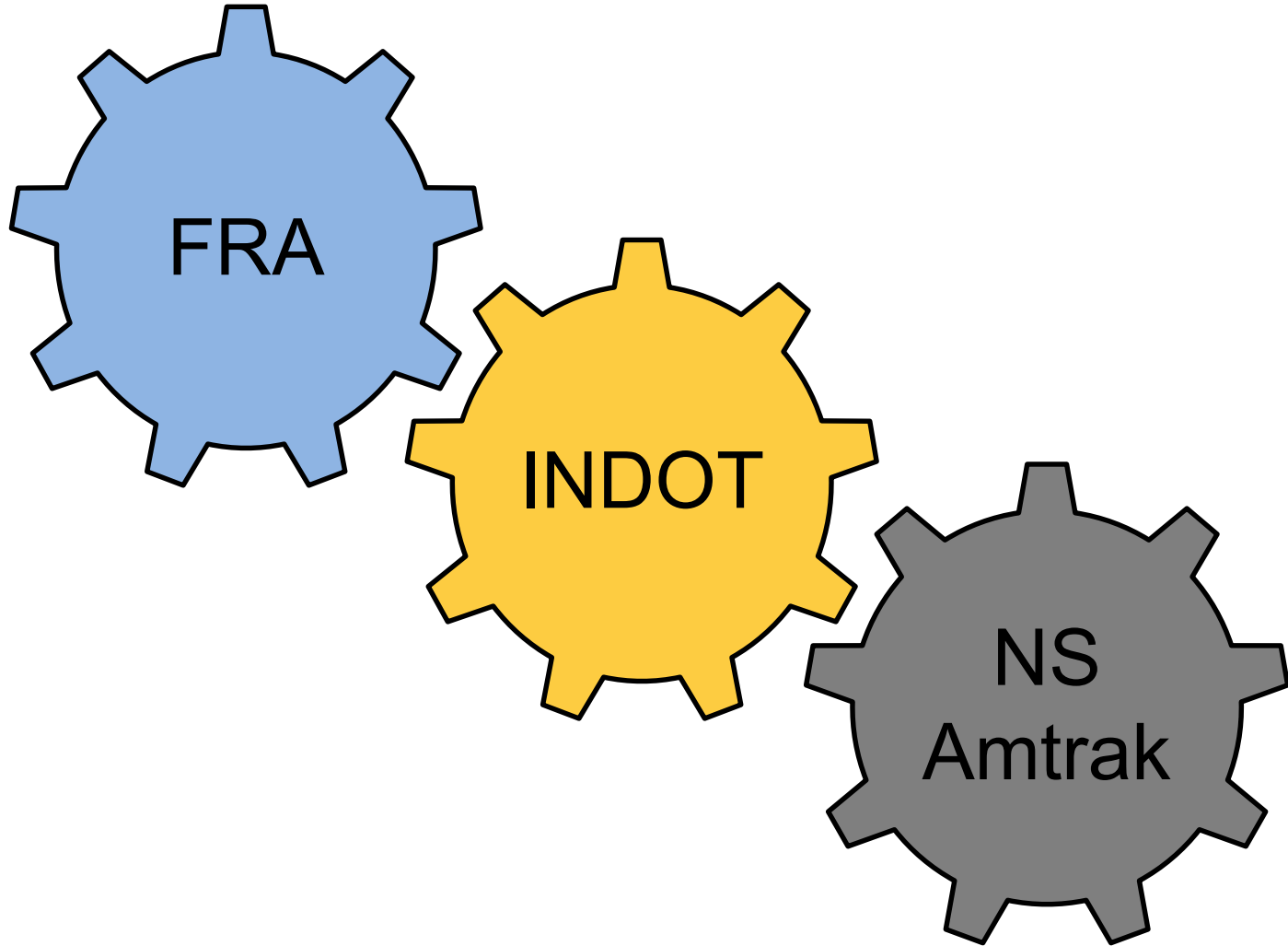
Funding

- \$71 million (\$67 million for NS Projects and \$4 million for Amtrak project)
- American Recovery and Reinvestment Act (ARRA)
- Granted by FRA - 2009

Agreements

- FRA/INDOT Implementation - 2012
- INDOT/NS Construction - 2012
- INDOT/Amtrak Construction - 2012

Implementation



New main line and turnouts

6.5 Miles Main Line Track

4 Turnouts Installed in 2014

15 Turnouts to Install in 2016

26 Turnouts Installed in 2015

Chicago: 5 miles

12

0.5 Miles

5

4.0 Miles

5

5

5

2.0 Miles

4

5

4

Indiana GATEWAY PROJECT



Project photos



Delivering Subballast Stone
(Miller Siding)



Contractors working on Turnout 9
(Hammond)

INDOT's Project Oversight

Reasons for subcontracting:

- Limited INDOT staff (3 employees)
- First time grantee (\$71 million project)
- Scope of project (8 sub-projects)
- Logistics
 - 6-8 ongoing sub-projects
 - Project site is 2 ½ hours from INDOT
- Plan review / invoice review
- Maintaining project records
- Continuous communication is required between FRA, NS, and Amtrak

INDOT/HNTB Project Oversight Team

Retained HNTB Corporation to provide 11 key tasks in support of INDOT's project management oversight:

1. Internal project management

- Internal scheduling, QA/QC, progress reporting, etc...

2. Project oversight and management

- Developing oversight materials such as inspection reports, critical path tools, budget tracking, etc...
- Review for compliance with federal requirements such as Davis-Bacon and Buy America
- Continuous coordination with NS and Amtrak

3. Initial stakeholder meetings with NS, Amtrak, and FRA

- Confirm project schedules, reporting requirements, plan and plan review requirements, field inspection requirements, safety procedures, invoicing, accounting and other procedures

INDOT/HNTB Project Oversight Team

4. Implement project SharePoint website

- Implement interface to allow automatic upload of field inspection reports
- Maintain project records database

5. Develop and maintain critical path schedules

- Identify critical paths for design review and construction schedules

6. Monitor final design package

- Review 30% and final signal and track designs prepared by NS and Amtrak
- Review cost estimates and construction schedules
- Ensure consistency with FRA grant agreement

7. Construction team coordination and field inspection

- Bi-weekly inspection of all construction activities with reporting to INDOT
- Coordinate construction team meetings

INDOT/HNTB Project Oversight Team

8. Prepare state and federal reports

- State progress reports
- Quarterly FRA progress report
- Quarterly Federal Financial Report (SF-425)

9. Review railroad invoices

- Review for completeness and accuracy and coordinate with railroad to address concerns

10. Prepare grant reimbursement requests for submittal to FRA

- Prepare SF-270 forms based on paid railroad and Amtrak invoices

11. Final project summary report

- Prepare a final project summary report for all eight subprojects in accordance with FRA guidelines

Critical Project Concerns

Construction schedule

- Approval of design plans
- Expediting approval of early procurement of materials
- Performing work on a busy freight corridor
 - Receiving track time to complete scheduled work
 - Assigning NS and Amtrak work forces
 - Supplementing with contractors
- NS – major company-wide commitment to project

Environmental – wetland mitigation

- Pine Yard (\$22M / largest sub-project)
- Original categorical exclusion completed in 2009
- Added new spur track
- Coordination involves USACE, IDNR, IDEM, EPA, & FRA
- Mitigation Agreement

Keys to Success

Open and continuous communication

- Bi-weekly teleconference calls
 - INDOT & HNTB
- Monthly project status teleconference calls
 - FRA, NS, Amtrak, INDOT, & HNTB
- Specific calls as needed
 - Act on project concerns as soon as possible
- Continuous updating and use of the “SharePoint” website
- Weekly construction site inspections
- Bi-annual FRA monitoring visits and ongoing open dialogue with FRA and MTAC

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