

Railroad Coordination

2021 Construction/OPD Conference
April 14, 2021

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DESIGN DIVISION – NDDOT

When to Coordinate

- Whenever a contractor performs work on railroad right of way, the designer will need to determine what coordination is appropriate with the railroad.
- Whenever the NDDOT or consultant performs work on railroad right of way.

Who to Coordinate with

Primary Railroad Coordination Team

Bridge Division – Jason Thorenson

Design Division – Aaron Murra

ETS Division – Ray Barchenger

Local Government (State Regional System) – To be determined

How to Coordinate

- Determine the type of work to be performed on railroad right of way.
- Reach out the primary railroad coordination team and communicate the scope of work, provide any documentation, and provide updates.
- Consultants will typically reach out to the tech support person and the tech support person will reach out to the primary railroad contact.
- The railroad coordination team will enter information into railroad tracking program and coordinate directly with the railroad company.

Railroad Activity Tracking Program

- Microsoft Access program – Authored by Aaron Murra
- References railroad activities in NDDOT RIMS and railroad crossing information by Federal Railroad Administration (FRA)
- Enter specific information for each project

NDDOT				Load New PCN(s)	Remove Loaded PCN(s)
Railroad Activity Tracking				Add/Edit Crossing Data	Add/Edit RR Activities
Loaded Projects				Review Types of Work	View Reports
Edit	NH-3-003(029)202 ND 3, INTERSECTION OF 66TH ST TURN LANES Derek Pfeifer	PROJECT PCN 21983	BID READY DATE 2/12/2021	Bid Opening Date: <i>1/1/2022</i> Beginning RP: <i>202</i> Engind RP: <i>203</i>	
Edit	NH-3-003(030)202 ND 3,6TH ST SW N TO 4TH AVE NW PCC PAVE - STORM SEWER - AGGR BASE Derek Pfeifer	PROJECT PCN 21984	BID READY DATE 2/12/2021	Bid Opening Date: <i>1/1/2022</i> Beginning RP: <i>202</i> Engind RP: <i>202</i>	
Edit	SU-1-094(197)917				

Type of work

- What type of work is being performed in railroad right of way?
- When to identify and start coordination?
Field Review

Load New PCN(s)	Remove Loaded PCN(s)
Add/Edit Crossing Data	Add/Edit RR Activities
Review Types of Work	View Reports

Types of Work on Railroad Right of Way:

Items to Verify
(Current Agreements)

	1	2	3	4	5	6	7	8	9	10	11	12
A Crossings - No work within 25' of track centerline - within existing easement	•											
B Crossings - Work within 25' of track centerline - within existing easement	•	•										
C Crossings - Work within 25' of track centerline - requires additional easement	•	•			•	•						
D Crossing Improvements - Work by railroad reimbursement agreement											•	•
E Grading or Drainage - within existing easement	•				•							
F Grading or Drainage - requires additional easement	•				•	•						
G Structures - within existing easement	•	•								•	•	
H Structure - within 25' of track centerline - within existing easement	•	•	•							•	•	
I Structures - within 25' of track centerline - requires additional easement	•	•			•	•				•	•	
J Communication Lines, and/or Fiber Optic Line - Work by Contractor	•	•						•				
K Pipelines (crossing or along - Work by Contractor)	•	•							•			
L Temporary Occupancy - Geotechnical - equipment & physical work	•	•								•		
M Temporary Occupancy - Survey - no physical work	•										•	

Current Agreements:

- 1 Railroad Indemnification and Insurance Protection - Standard Specification & Pay Item
- 2 Flagging Reimbursement - Special Provision
- 3 Construction and Maintenance Agreement (Bridge)
- 4 Construction and Maintenance Agreement (Roadway)
- 5 Right of Way Easement Agreement (with CMA)
- 6 Right of Way Easement Agreement (without CMA)
- 7 License for Communication Lines, and/or Fiber Optic Line - Work by Contractor
- 8 License for Pipelines - Work by Contractor
- 9 Temporary Occupancy Permit - Geotechnical
- 10 Temporary Occupancy Permit - Survey
- 11 Crossing Reimbursements - Planning and Asset Management (Stand-alone project)
- 12 Crossing Reimbursements - Planning and Asset Management (Coordinated project)

Project Info

- Describe scope of work in railroad right of way.
- Identify action items
- Report on progress and include RR tracking number

Navigation buttons:

- Load New PCN(s)
- Remove Loaded PCN(s)
- Add/Edit Crossing Data
- Add/Edit RR Activities
- Review Types of Work
- View Reports

Loaded Project

BID READY	
PROJECT PCN	BID READY DATE
22440	1/15/2021

Designer(s)
AARON MURRA

HEN-1-194(008)000
S OF I-94 TO MEMORIAL HWY - EB/WB
PCC PAVE - CONC MEDIAN

NDDOT Project Contact
Ray Barchenger - rbarchen@nd.gov

Bid Opening Date: 3/12/2021 Beginning RP: 0
Project Length: 0.62 Engind RP: 1

[Edit This PCN](#)
[Add/Edit Crossing Data](#)
[Review Types of Work](#)
[Back to List](#)

Start by Selecting Crossing Locations for This PCN:

FRA Crossing ID	Describe the Scope of Work on RR R/W
087682D	Work will occur on the hwy below at this grade separated crossing. Work is in RR R/W, but not near the tracks.

<http://safetydata.fra.dot.gov/OfficeofSafety/publicsite/Crossing/Report.aspx?phasetype=C&rpttype=I&txtcrossingnum=087682D>

Select A Crossing From the Left, Identify or Track Activities for the Selected Crossing:

Action Item: **Railroad Indemnification and Insurance Protection – Standard Specification & Pay Item**

Progress Notes / Status / RR Tracking #

Plan note.

* Action Item: []

Progress Notes / Status / RR Tracking #

Record: 1 of 1 | No Filter | Search

Reporting

- Detailed report includes bid ready, contact info, required work items, and status.

Select a report to view:

[View Detailed Report](#)

[View Summary](#)

Summary of NDDOT Project Activity at RR Crossings

Monday, April 5, 2021

Detailed project activities by project and crossing

Bid Ready Date: 1/15/2021

- 22440 HEN-1-194(008)000** S OF I-94 TO MEMORIAL HWY - EB/WB

NDDOT Contact: Ray Barchenger - rbarchen@nd.gov

RR items for this project are BID READY

AARON MURRA

BNSF - 087682D (RR MP - 197.23): Work will occur on the hwy below at this grade separated crossing. Work is in RR R/W, but not near the tracks.

– Railroad Indemnification and Insurance Protection – Standard Specification & Pay Item: Plan note.

Summary of NDDOT Project Activity at RR Crossings

Monday, April 5, 2021

Summary of project activities by project and crossing

RR items for these projects are BID READY

Bid Ready Date:

1/15/2021

1.	22440 - HEN-1-194(008)000 S OF I-94 TO MEMORIAL HWY - EB/WB	AARON MURRA
087682D: RR Milepost 197.23 - BNSF: Work will occur on the hwy below at this grade separated crossing. Work is in RR R/W, but not near the tracks.		

RR items are NOT bid ready on the following projects

Bid Ready Date:

2/12/2021

2.	21983 - NH-3-003(029)202 ND 3, INTERSECTION OF 66TH ST	SARA CAHLIN BROSZ ENGINEERING
102437R: RR Milepost 0.235 - BNSF: Signalize crossing and add arms. Add SB to WB turning lane. Associated to NDDOT's PCN 21984.		

Questions / Contact Information

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