

Request for Railroad Information for NCDOT Design-Build Project

NCDOT Project No.: -
Railroad OP No.: -
Project Name: -
Location: -
Railroad: -
Line Name: -
From Railroad Milepost: -
To: Railroad Milepost: -
Anticipated RFQ Date:

Requested By: _____ *Date:* _____
Response By: _____ *Date:* _____

CSXT approval to include this document in the NCDOT-CSXT Railroad agreement
By: _____ *Date:* _____

The information provided below is based upon the following preliminary drawings:

Provided By: _____
Drawing Title(s): _____
Dated: _____

1. Railroad Qualifications/Disclaimers on information provided for this project:
2. Visit the project site and research records to identify existing or potential issues or conflicts; including utilities within the railroad right of way, flooding issue, maintenance concerns wayside signals, etc.
3. Provide a VAL map establishing Railroad ROW width and provide additional information from railroad records required to understand the existing railroad right of way widths and easements.

4. Are there any joint facility agreements (e.g. interlockings, sidings)? If so, who owns/controls these facilities and whose standards apply?

5. Provide the location, limits and spacing of future track and/or railroad service road requirements.

6. Provide daily freight and passenger train counts and speeds. Provide information on local rail operations and any seasonal restrictions.

7. Provide the Right-of-Entry requirements for construction and non-construction activity (e.g. surveying, soil borings, engineering site investigations, etc.) (*links to the appropriate pages on the Railroad web-site are sufficient*)

8. Provide:
 - 8.1. The Railroad's current design standards (*links to the appropriate pages on the Railroad web-site are sufficient*).

 - 8.2. Railroad clearances, construction criteria, insurance requirements etc.

 - 8.3. Provide information on any site-specific restrictions or special requirements.

9. Provide any information/requirements for temporary construction including:
 - 9.1. Railroad detour requirements including allowable speed reductions, acceptable duration of detour, and any seasonal restrictions.

9.2. Will temporary construction haul road crossings of the railroad be allowed?

9.2.1. If so, how many and identify any restrictions on the temporary crossing locations and durations.

9.2.2. Will stoned or crushed asphalt be allowed, or will new asphalt be required?

9.2.3. What crossing protection (e.g. lockable gates, flagging when open) will be required?

9.2.4. Are there other requirements relative to temporary crossings (e.g. insurance)?

10. If temporary shoring of the railroad is required, what types of systems are preferred? What types of systems are not allowed?

10.1. Temporary detour bridge requirements, including substructure, superstructure and deck.

11. Describe how any spoil material excavated within the railroad right-of-way is to be handled, including on-site and off-site disposal options.

12. Provide any information/requirements for structures within the railroad ROW (*links to the appropriate pages on the Railroad web-site for design requirements are sufficient*), including:

12.1. Crash wall requirements for permanent and detour track alignments beneath permanent and detour overhead highway bridges.

- 12.2. Requirements for retaining walls supporting railroad loading. What types of systems are preferred? What types of systems are not allowed (e.g. micropiles, MSE walls)?
MSE
- 12.3. Requirements for retaining walls supporting highway or other non-railroad loading. What types of systems are preferred? What types of systems are not allowed (e.g. micropiles, MSE walls)?
- 12.4. Bridge steel requirements/restrictions for railway bridges (e.g. steel strength, use of weathering steel, paint systems)
13. Provide an estimated cost and time required for the preliminary engineering review of the project's plans for:
14. Provide a brief description of the typical required Railroad services, with a schedule of typical project rates, which are required during construction. This schedule is for informational purposes only to identify typical project expenditures and understood not to be all inclusive or to infer actual Preliminary and/or Construction costs.
- 14.1. Estimated daily flagman rate, overtime rate and standard work day (hours), including how travel time and set-up/tear-down time is addressed. Include lodging and vehicle per diem charges, if applicable.
- 14.2. Estimated daily railroad inspector/field construction representative rate, overtime rate and standard work day (hours), including how travel time is addressed. Include lodging and vehicle per diem charges, if applicable.
- 14.3. Are contract 'observers' available to supplement the required railroad employee flagmen or inspectors? If yes, provide estimated daily railroad observer rate, overtime rate and standard work day (hours), including how travel time and set-up/tear-down is addressed. Include lodging and vehicle per diem charges, if

applicable.

- 14.4. Describe any restrictions on flagman or inspector work hours (e.g. nighttime, weekends, holidays).
 - 14.5. Identify the annual Railroad holidays.
 - 14.6. Describe any issues that may limit the availability of flagmen, inspectors or observers for this project (e.g. anticipated labor shortages, other major projects, etc.).
 - 14.7. Estimated cost per track foot for relocated track.
 - 14.8. Estimated cost per track foot for new track.
 - 14.9. Estimated cost per turnout.
 - 14.10. Estimated cost per cut over to or from a runaround, and anticipated hours to perform it.
 - 14.11. Other construction-phase costs.
15. Cost for a temporary grade crossing. State if gates or signals will be required. If so, provide the estimated cost.

16. What material or additional cost will the contractor be required to provide in support of the railroad flagman?

17. What materials will be furnished by CSXT? What is the estimated cost?

18. How will track and related construction work be handled? What is the estimated cost?

19. How will CSXT handle train delays due to construction activities?

20. How will Right of Way acquisition work be handled? What is the estimated cost?

21. How will Construction engineering reviews be handled? What is the estimated cost?

22. How will review of Agreements and Insurances be handled? What is the estimated cost?

23. What training required to work within CSXT Right of Way? What is the estimated cost?

24. Additional information relevant to the Project and project site.

Enclosures: