APPENDIX E: SCOPE OF DATA COLLECTION

Scope of Services	Report Location
1. Train Counts **Description:** Determine the number of trains currently operating on designated passenger route between. **Approach:** Primarily utilize the FRA at-grade crossing database to determine the approximate number of trains operating across at-grade crossings along the corridor to approximate existing train operations.	Section 3.1 Appendix B
2. Freight Tonnage **Description:** Approximate the amount of freight operating through the corridor which further defines the density and train operations within the corridor. **Approach:** Freight tonnage operating in the corridor will be estimated based a variety of resources collected as part of the overall data collection effort. Approximate freight tonnage will be reported in million gross tons (MGT).	Section 3.2
3. Amtrak Passenger Volume **Description:** Define the number of Amtrak trains operating within the defined corridor. **Approach:** Review Amtrak schedules and determine the number of trains currently operating in the corridor.	Section 1.3.1
4. Shortline freights running on the line **Description:** Define which railroads operate over and along the corridor. **Approach:** Utilizing the current state rail plans, provide a list of possible railroads with potential trackage rights to cross or operate over the corridor. State DOT railroad offices will also be consulted to obtain publicly available, and updated shortline data.	Section 1 Section 1.3.1 Section 3.1
5. Track Conditions **Description:** Provide a qualitative description of the existing track conditions within the corridor. **Approach:** Obtain railroad track charts and timetables, if available and/or utilize approximate freight tonnage and estimated timetable speeds, to assign a FRA class of track, which defines the condition of existing track.	Section 2 Appendix E
6. Repair history and/or schedules **Description:** Generate a timeline of potential history of repairs or infrastructure improvements previously completed, or determine any improvements scheduled to occur in the future. **Approach:** Through limited review of history of the corridor, interviews with freight railroads and state rail office staff, identify publicly available data on past and future projects, document repair history and/or future schedules.	Section 1.3 Section 2.4

7.	***Recent Upgrades*** **Description:** Generate a list of upgrades that have occurred within the corridor. **Approach:** Through review of readily available, completed public projects, corridor project experience, information provided by the railroads and state rail office staff, and limited field investigations, document any upgrades recently done within the corridor.	Section 2.4
8.	***Signalization*** **Description:** Define the signalization currently utilized for train operations within the corridor. **Approach:** By desktop review of information provided by the railroads, including track charts and timetables, if available, as well as field investigations, designate the geographic limits of the signalization currently being used for train operations.	Section 2.3
9.	***Train derailments & NTSB investigation reports*** **Description:** Determine if any train derailments and train to vehicle accidents occurred within the corridor. **Approach:** Through a review of publicly available records and train accident databases determine if there are any accident records within the corridor.	Section 4.2 Appendix C Appendix D
10.	***Track geometry measurements*** **Description:** Determine the corridor geometry and existing infrastructure. **Approach:** Review the corridor's existing geometry from most recent aerial photography and create a Microstation V8i DGN file along with an alignment text file annotating the track geometry.	Section 2.2 Appendix A
11.	***Maintenance and infrastructure condition, including track survey data*** **Description:** Document track conditions and current or future maintenance schedules. **Approach:** See previous task No. 5 for track conditions. Contact operating railroads and determine if they have any existing and future maintenance plans for the corridor.	Section 1.3 Section 2.4

12. Rail inspection data **Description:** Provide any rail inspection data available in the public domain. **Approach:** Coordinate with state rail offices to review available public records and contact the operating railroad regarding rail inspection data they are willing to share.	Unable to obtain rail inspection data. INDOT does not inspect rail and a Freedom of Information Act request is required to obtain inspection data from Ohio.
13. Number of oil cars traveling the corridor daily **Description:** Determine the number of oil cars traveling the corridor on a daily bases. **Approach:** Review public and/or private databases and state rail plans and other studies for approximate number of oil cars potentially traveling within the corridor.	Section 3.3
14. Who operates the line, esp. from Ft. Wayne, IN to Lima, OH, who runs the line and who controls the rail movements **Description:** Determine owning and operating railroads within the corridor. **Approach:** See previous task no. 4. Additionally, review other operating railroads beyond shortlines to determine operating rights, to extent information is publicly available.	Section 1 Section 1.3.1
15. Any ground penetrating LiDAR data generated to date **Description:** Determine and obtain any ground penetrating LiDAR data available in the public domain. **Approach:** Review federal, state, county and or local GIS data and obtain any LiDAR information available to help support the analysis and development of the task items.	Not publicly available