



## Environmental Mitigation

NICTD has committed to specific mitigation measures that are intended to reduce the adverse effects of the DT-NWI Project. The information below summarizes the mitigation measures that the FTA and NICTD committed to in the 2017 Environmental Assessment (EA) and 2018 Finding of No Significant Impact (FONSI) under the National Environmental Policy Act (NEPA). NICTD’s implementation of these mitigation commitments is part of the approval and issuance of the FONSI. There were some changes to the Project during final design but it was determined that the modifications would not result in significant impacts, appropriate measures were incorporated to mitigate impacts where needed, and the findings of the 11/1/2018 FONSI were still valid. FTA concurred with the modifications and impact determination on September 22, 2020. It is possible that some of these measures may continue to be modified during the construction phase of the Project.

The progress and status of each environmental commitment is provided below. This information will be updated on the Double Track NWI project website on a quarterly basis, at a minimum.

Should you have questions about items on this list, please call 219-850-4457 or email [doubletracknwi@nictd.com](mailto:doubletracknwi@nictd.com).

Number	Noise and Vibration Requiring Mitigation	Mitigation Measures	Mitigation Status
1	Construction Noise and Vibration	<p>NICTD will require the construction contractors to develop a construction noise management plan when working near noise-sensitive locations such as residences and schools. The plan will identify methods to minimize noise effects, require periodic evaluation of where construction equipment is placed to avoid overexposure to noise at any single location, and outline a process to handle and resolve any noise-related complaints. All construction contractors will comply with applicable noise limits at the state and local limit level.</p> <p>NICTD will require the contractors to develop a similar construction vibration management plan when working near vibration-sensitive locations, like schools and residences.</p> <p>NICTD will prepare a public outreach plan to identify how NICTD and the contractors will communicate with neighborhoods and businesses before and during construction.</p>	<p>Contractors prepared noise and vibration management plans and are monitoring noise levels accordingly. NICTD’s Construction Manager took pre-construction photographs of buildings in Michigan City to document existing conditions and took additional photographs during 2022. The Construction Manager continues to review noise monitoring reports for each contract to ensure contractors are adhering to noise and vibration specifications and coordinate with individual property owners as needed.</p>



Number	Noise and Vibration Requiring Mitigation	Mitigation Measures	Mitigation Status
			<p>NICTD's Construction Manager developed a Construction Outreach Plan, which will be followed throughout construction. NICTD is using news releases, social media, email, and the website to publish updates about construction activities.</p>
2	Train Horn Noise at Crossings	NICTD will lower the decibel level on the train horn to 100 dBA.	<p><b>Complete.</b> Despite several attempts to lower the train horn decibel level, NICTD could not meet this threshold without violating FRA safety standards. FTA agreed that the perceived noise change as a result of the Project was insignificant and approved the elimination of this commitment on 2/17/21.</p>
3	Quiet Zone – Michigan City	Michigan City plans to submit a Quiet Zone application to the FRA for a quiet zone designation between Sheridan Road and Carroll Avenue. NICTD will work with and support Michigan City in its application to apply for the quiet zone designation.	<p>NICTD worked with Michigan City to develop its application to FTA for a Quiet Zone. Michigan City hosted a public workshop in spring 2022 in support of its Quiet Zone application. The City Council approved the pursuit of the Quiet Zone and extended the eastern limits of the Quiet Zone to encompass most of the urban part of the city. The Notice of Intent to apply for a Quiet Zone was issued in June 2022. Michigan City submitted a public authority application for a Quiet Zone to the Federal Railroad Administration in early September of 2022. FRA has begun its review and approval of the Quiet Zone is expected in late summer/early fall 2023.</p>



Number	Noise and Vibration Requiring Mitigation	Mitigation Measures	Mitigation Status
4	Vibration	NICTD will evaluate materials for effectiveness at identified vibration-sensitive locations and for durability in a shared freight corridor during the final design phase of the project.	<b>Complete.</b> Under Ballast Mats to provide noise and vibration mitigation were installed in Michigan City at the locations identified in the EA.

Number	Air Quality Requiring Mitigation	Mitigation Measures	Mitigation Status
5	Construction Effects	A Dust Control Plan, work-zone traffic management plan, and strategy to control emissions from diesel-powered equipment is required. The Contractor is required to follow the USEPA's Construction Emission Control Checklist. One environmental monitor is required to be present during construction when near residences.	Construction plans and specifications detail these requirements and construction Best Management Practices. Temporary fencing has been installed at all active construction areas for the safety of commuters, pedestrians, workers, and trail users. NICTD's Construction Management environmental monitor continues to make weekly site visits to observe compliance with mitigation included in construction plans and work with contractors to quickly resolve any issues. Contractors were in compliance with the Dust Control Plan and emission control requirements as of 8/10/23.

Number	Visual and Aesthetics Requiring Mitigation	Mitigation Measures	Mitigation Status
6	Temporary Visual Effects Due to Construction Work Zones	NICTD will conduct construction primarily within existing railroad property, on property acquired for the Project, or on temporary construction easements immediately	NICTD has purchased the properties required to construct the project. Work is being conducted within railroad ROW or



Number	Visual and Aesthetics Requiring Mitigation	Mitigation Measures	Mitigation Status
		adjacent to railroad, which will minimize visual effects during construction.	on parcels for which it has obtained a temporary easement or right of entry to perform construction activities.
7		NICTD will prepare a public outreach plan that identifies how NICTD and contractors will communicate with neighborhoods and businesses before and during construction.	NICTD's Construction Manager developed a Construction Outreach Plan, which provides the framework for outreach throughout construction. NICTD is using news releases, social media, email, and the project website to publish updates about construction activities.
8		NICTD will require contractors to clean up construction sites to acceptable standards at the end of each working day.	Good housekeeping requirements related to construction sites are included in construction plans and specifications. Good Housekeeping practices at construction sites has been discussed at weekly project briefings and continues to be monitored by NICTD's Construction Manager.
9	Permanent Visual and Aesthetic Changes at Michigan City/11 <sup>th</sup> Street Station	NICTD will work with local communities on the design of stations and parking areas. Landscaping, reusing a building façade and/or using building construction materials, colors, and architectural styles consistent with the station site's surroundings will be considered.	<b>Complete.</b> In historic Michigan City, NICTD worked with the City's Historic Preservation Commission (HPC) to develop a station and parking garage design that was consistent with the historic context. The HPC issued the required Certificate of Appropriateness on 12/28/2020.  Since the completion of final design, Michigan City implemented a competitive procurement process to select a Transit Oriented Development (TOD) designer to develop the entire 11 <sup>th</sup> Street Station block, to include residential units, retail,



Number	Visual and Aesthetics Requiring Mitigation	Mitigation Measures	Mitigation Status
			station, and parking garage. Schematic plans were reviewed by the Michigan City HPC and were revised based on feedback. Final designs were presented to the HPC for approval and a Certificate of Appropriateness was issued on September 30, 2022. Final design plans are consistent with the concepts approved by the HPC and construction will begin in fall 2023.
10	Permanent Visual and Aesthetic Changes at Gary/Miller Station	NICTD will work with local communities on the design of stations and parking areas. Landscaping and/or using building construction materials, colors, and architectural styles consistent with the station site's surroundings will all be considered.	<b>Complete.</b> NICTD met with the City of Gary regularly during the project design, and the City reviewed the station plans and provided comments, which were incorporated into design plans. Renderings of the station plans were presented to the public in June 2020 at a virtual open house.
11	Visual Effects - Trees	Coordination with Indiana Department of Natural Resources (INDNR) and National Park Service (NPS) will occur regarding the appropriate tree ratio, species, and location to provide the appropriate mitigation for tree replacement	<b>Complete.</b> NICTD planted 30 new trees within the Indiana Dunes National Park's Heron Rookery in May 2021. All 30 trees were alive one year after planting. Monitoring of the plantings for survivorship will continue through May 2024. Annual tree monitoring was conducted in June 2023 and it was determined that 96 percent of the trees have survived. Coordination with NPS has continued about vegetation maintenance in the right-of-way after the project is complete.



Number	Land Acquisition Requiring Mitigation	Mitigation Measures	Mitigation Status
12	Permanent Property Acquisition and Temporary Easements	<p>NICTD identified property that would be needed to build the Project. Some properties will be purchased for the Project; others will require a temporary easement for access and use during construction of the project. In some areas, only a portion of a property (known as partial acquisitions) would be needed. Temporary easements are needed for construction.</p> <p>Properties that are currently occupied will require relocations. In all cases, NICTD and its real estate consultants must conduct their actions according to the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970.</p>	<p>All property owners have been contacted, properties required for construction have been purchased, and easement agreements are in place or being finalized. All actions are conducted according to the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970.</p> <p>179 offers have been accepted and 46 of 52 recommended condemnations have settled. There is 1 condemnation pending in the courts and 6 condemnations pending final documentation.</p>

Number	Cultural and Historic Resources Requiring Mitigation	Mitigation Measures	Mitigation Status
13		<p>NICTD will meet the stipulations contained within the Section 106 Memorandum of Agreement between the FTA and IN State Historic Preservation Officer, as follows. Note, this will also fulfill the requirements of Section 4(f) of the USDOT Act of 1966.</p>	
14	South Shore Line Station Building	<p>The façade of the South Shore Station at 114 E. 11th Street, Michigan City, Indiana, will be preserved and incorporated it into a new mixed-use building to serve as the entrance to the new 11th Street Station.</p> <p>Prior to the demolition of the South Shore Station at 114 E. 11th Street in Michigan City or any alterations to the façade, NICTD will hire a Secretary of the Interior-qualified professional in history or architectural history (36 CFR Part 61) to complete Historic American Building Survey</p>	<p>NICTD completed the HABS Documentation Level II on the South Shore Station (HABS No. IN-325). Copies of the final documentation were provided to the National Park Service (NPS), Indiana SHPO, Indiana Room at the Michigan City Public Library, and the Calumet Regional Archives on 12/31/20. Station plans were reviewed in May</p>



Number	Cultural and Historic Resources Requiring Mitigation	Mitigation Measures	Mitigation Status
		(HABS) Documentation Level II on the station building. NICTD will prepare a public exhibit focusing on the history of the South Shore Line for display in the new station building.	2023. NICTD and its consultants began meeting in June 2023 to plan development of the exhibits and panels.
15	Michigan City First Christian Church	Prior to any alterations or the demolition of the First Christian Church at 1102 Cedar Street in Michigan City, NICTD will hire a Secretary of the Interior-qualified professional in history or architectural history (36 CFR Part 61) to complete a HABS Short Format Report as specified in the Historic American Buildings Survey Guidelines for Historical Reports.	<b>Complete.</b> NICTD completed the HABS Short Format Report for the First Christian Church (HABS No. IN-323). Copies of the final documentation were provided to the National Park Service (NPS), Indiana SHPO, Indiana Room at the Michigan City Public Library, and the Calumet Regional Archives on 12/31/20. Demolition was completed in September 2021. Prior to demolition, religious and sensitive items were salvaged. The cross that hung in the church's apse was and donated to a local Catholic charity, where it was repurposed in a private chapel in Greensburg, Indiana.
16	Franklin Street Commercial Historic District and Elston Grove Historic District	<p>Prior to the demolition of any individual resource listed in Attachment B of the MOA (with the exception of resources already being documented in Treatment Measures B and C), NICTD will hire a Secretary of the Interior-qualified professional in history or architectural history (36 CFR Part 61) to complete HABS Level III documentation for the adversely affected areas of the Elston Grove and Franklin Street Commercial Historic Districts, both of which are located in Michigan City.</p> <p>NICTD will install one interpretive panel each for the Franklin Street Commercial and Elston Grove Historic Districts focusing on the history of the surrounding neighborhoods. Because the signs would be located within two locally designated historic districts, the signs</p>	<p>NICTD completed the HABS Level III documentation for the adversely affected areas of the Elston Grove Historic District (HABS No. IN-322) and Franklin Street Commercial Historic District (HABS No. IN-324). Copies of the final documentation were provided to the NPS, Indiana SHPO, Indiana Room at the Michigan City Public Library, and the Calumet Regional Archives on 12/31/2020.</p> <p>Station plans were reviewed in May 2023. NICTD and its consultants began</p>



Number	Cultural and Historic Resources Requiring Mitigation	Mitigation Measures	Mitigation Status
		will be subject to review by the Michigan City Historic Review Board.	meeting in June 2023 to plan development of the exhibits and panels.

Number	Trails Requiring Mitigation	Mitigation Measures	Mitigation Status
17	Calumet Trail under SR 49 Dunes Kankakee Trail near Mineral Springs Road	During construction, there will be temporary changes to access to the Calumet Trail, the Dunes Kankakee Trail and other destinations within the National Park. NICTD will communicate these changes in access to the public.	<p><b>Complete.</b> The NIPSCO/Porter County agreement for the plan for temporary closure of Calumet Trail was revised based on NICTD's adjusted final design. This has been signed by all parties, including FTA. Public notice of the closure is required. NICTD has coordinated with NPS, Town of Porter, Porter County and NIPSCO regarding the temporary impacts to the trails during construction. Portions of the Calumet Trail near Dune Park Station were closed from 07/25/22 through 08/22/22. A news release and was issued 07/07/22 to notify the public. The Calumet Trail was reopened on 08/22/22.</p> <p>For any additional closures, NICTD and these agencies will post signs and take other measures at least 14 -21 days prior to any closures, if any are needed, to inform the public and trail users. NICTD is also using news releases, social media, email, and the website to publish updates about construction activities and detours.</p>





Number	Natural and Biological Resources Requiring Mitigation	Mitigation Measures	Mitigation Status
18	Protection of Federal Threatened and Endangered Species – Indiana Bat and Northern Long Ear Bat	NICTD will ensure that construction plans indicate that for areas identified in the 2017 Bat Habitat Assessment as “low to moderate suitable habitats,” no tree clearing can occur between April and September. These areas will be identified in the design plans and a special provision will be included in the specifications.	<p><b>Complete.</b> U.S. Fish and Wildlife Service (FWS) approved NICTD’s Threatened and Endangered Species Avoidance Plan in June 2020. USFWS has indicated that tree clearing can occur anytime in the wooded parking areas in Gary/Miller.</p> <p>Areas to avoid tree removal are included in the demolition and construction plans. All tree clearing is complete and took place during acceptable tree clearing work windows. NICTD coordinated with USFWS regarding the final segment of tree clearing. USFWS confirmed there was no bat habitat present, proposed tree cutting is not likely to adversely affect listed bat species, and that clearing would not be subject to time of year restrictions for sites not considered better/higher quality potential habitat.</p>
19		NICTD will ensure all operators, employees, and contractors working in areas of known or presumed bat habitat are aware of all environmental commitments.	NICTD’s Construction Management Team includes an environmental specialist that is overseeing activities. Contractor staff have reviewed the environmental training requirements and have acknowledged their understanding. The contractors maintain a log of trainees/dates.
20		NICTD will ensure that construction plans indicate that temporary lighting must be directed away from suitable bat habitat during the active season (April 1 –September	This lighting is included in construction plans and specifications. NICTD’s



Number	Natural and Biological Resources Requiring Mitigation	Mitigation Measures	Mitigation Status
		30). Permanent lighting near moderate-quality bat habitat needs to be downward facing, full cut off lens lights and directed away from suitable bat habitat.	Construction Manager is monitoring contractors for compliance.
21	Protection of State Listed Endangered Species	NICTD will work with INDNR and NPS to either relocate state-listed plant species or plant new vegetation. NICTD will utilize local area expert botanists during the development and implementation of the relocation plan.	<b>Complete.</b> Early relocation took place in 2019 with cooperation between NICTD, NPS, NIPSCO, Save the Dunes, and other local volunteers.
22	Discovering Protected Species during Construction (i.e. massasauga snake, spotted turtle, northern leopard frog)	<p>To the extent practicable, NICTD will avoid digging/excavating or filling wetlands during inactive periods. NICTD will install silt fences in known habitat areas within active work areas prior to March 1. The fencing should have a minimum distance of 0.50 mile and should curve at the ends. Any turtles or snakes encountered, regardless of species, should be removed, unharmed, and immediately placed outside the work area into nearby safe habitat.</p> <p>To the extent practicable, a qualified herpetologist will conduct daily inspections of the work areas and relocate individual massasauga snakes, spotted turtles, and northern leopard frogs found in construction areas.</p>	<p>The Section 404 permit contains a stipulation from the USFWS that no digging/excavating or filling can occur in the high-quality wetlands during the inactive period between October 16 and April 14. This information and wetland locations are included in the General Provisions, plans and specifications and the contractor's plan of work accounts for this seasonal condition.</p> <p>Exclusion fencing was installed in August and September 2021 to protect the species in the work areas. A qualified herpetologist and biologist were on site during the installation of fencing to monitor for the presence of species.</p> <p>NICTD's contractor working in these areas have herpetologists on their team. Biologists on NICTD's Construction Management Team completed weekly biological observations in May, June, and July. No protected species were observed in the work areas. Weekly</p>



Number	Natural and Biological Resources Requiring Mitigation	Mitigation Measures	Mitigation Status
			observations will continue through the end of construction.
23	Tree Removal and Replacement	NICTD will work with IDNR and NPS to determine appropriate tree ratio, species and location. Mitigation will be coordinated with the wetland and natural resource mitigation plan, as appropriate.	Under the stipulations of the INDNR Floodway Permit for the Project, NICTD planted 30 new, native trees in NPS property at the Indiana Dunes National Park's Heron Rookery site to replace 4 trees removed from the floodway. Monitoring of the plantings will take place from November 2021 through May 2024. All 30 trees were alive one year after planting. Annual tree monitoring was conducted in June 2023 and it was determined that 96 percent of the trees have survived. Annual reports to IN DNR Division of Water are prepared and submitted to IN DNR each December. Annual Reports were submitted December 2021 and December 2022.
24		NICTD will ensure that tree removal is limited to that specified in project plans by installing bright colored flagging/fencing prior to any tree clearing to ensure contractors stay within clearing limits.	<b>Complete.</b> The construction limits are detailed in the final demolition and construction plans. Locations of trees are identified.  NIPSCO and NICTD refined tree removal locations in Feb 2021.



Number	Natural and Biological Resources Requiring Mitigation	Mitigation Measures	Mitigation Status
			<p>Tree clearing in the designated areas was completed in Dune Park in March 2021, in Gary East in July 2021, and at Ogden Dunes in March 2022. Construction of these parking lots is complete.</p>

Number	Wetlands and Water Quality Requiring Mitigation	Mitigation Measures	Mitigation Status
25	Wetland Protection	Contractor must work only within designated construction footprint.	<p>The Section 404 Permit was approved on 2/17/21. The contractors must abide by the permit conditions. NICTD's Construction Manager is monitoring contractor compliance with the permit. If contractors breach designated construction sites, they are required to coordinate with NIPSCO and NPS, as appropriate, to fully restore any damage. IDEM approved an extension of the Section 401 Water Quality Certification for discharges into waters of the state until 11/18/23. NICTD's Construction Manager is continually monitoring for compliance and NICTD contractors have been notified of items to be corrected.</p>
26	Wetland Mitigation	The Project will permanently impact 4.29 acres of wetlands, as well as an additional 1.53 acres of temporary	<b>Complete.</b> The Section 404 Permit was approved in February 2021. In-lieu fee



Number	Wetlands and Water Quality Requiring Mitigation	Mitigation Measures	Mitigation Status
		<p>wetlands. USACE will determine the mitigation ratios that NICTD will be responsible to replace.</p>	<p>payment to IN Natural Resources Foundation was completed in April 2021. NICTD provided an update to USACE and USEPA in March of 2023 about temporary wetland impacts. Most of the work which proposed temporary wetland impacts was completed in 2022. The contractor was able to avoid twelve of the fourteen proposed temporary wetland impact areas. This means that no restoration or monitoring will be required for these twelve temporary impact areas. The work that may impact the remaining two temporary wetland impact areas has not yet begun but will be complete by the end of 2023. Restoration and monitoring will be completed for the two impacted wetland areas.</p>
27	Stream Protection and Mitigation	<p>The Project will place fill (revetment stone riprap, concrete and ballast) in 12 streams, with 45 linear feet of new stream encapsulation. INDNR provided updated guidance on June 23, 2020 regarding stream/waterway fish spawning restrictions. USACE will determine the mitigation NICTD will be responsible to replace.</p>	<p><b>Complete.</b> Environmental Permits, Issues, &amp; Commitments plan sheets are included in construction plans and specifications.</p> <p>NICTD has coordinated with IN DNR to obtain all applicable permits for in-stream work and its contractors will comply with permit conditions, including allowable work windows and reporting to IN DNR if a Least Weasel is observed during construction.</p>



Number	Wetlands and Water Quality Requiring Mitigation	Mitigation Measures	Mitigation Status
			Culvert work has been completed within the applicable permit windows in coordination with IN DNR.
28	Stormwater Pollution Protection	NICTD will develop erosion and sediment control (ESC) plans and require contractors to institute Best Management Practices (BMP) as identified by the INDNR to protect water quality during construction. BMPs include installation of silt and drift fences, informing contractors of areas that must be avoided during construction, and having an environmental specialist on site during construction to monitor compliance. Contractors will need to wash construction vehicles before/after leaving a construction site.	<p>Stormwater Management Plans and Storm Water Pollution Prevention Plans (SWPPP) have been approved and permits issued by Michigan City, City of Portage, City of Gary, and Porter County. A Rule 5 Notice of Intent (NOI) covering the entire project was submitted to IDEM and a Construction Site Run-off general permit was approved in March 2021.</p> <p>All construction contractors have submitted a Stormwater Quality and Control Plan to NICTD and include a Level II inspector on their construction team. NICTD approved the Gary Sanitary District SWPPP plan in February 2022.</p> <p>NICTD's Construction Management Team is completing weekly inspections. As ESC issues are observed, NICTD's Construction Manager is working with the contractors to resolve any noted issues. Construction contractors are also conducting inspections every 7 days or within 24 hours of the end of a storm that is 0.5 in. or greater.</p> <p>The Construction Manager continues to monitor erosion and sediment control in</p>



Number	Wetlands and Water Quality Requiring Mitigation	Mitigation Measures	Mitigation Status
			construction areas and works with the contractors to address concerns. Silt fence maintenance is being regularly conducted. The CM continues to monitor these BMPs for compliance.

Number	Hazardous and Contaminated Materials Requiring Mitigation	Mitigation Measures	Mitigation Status
29	Discovered Contaminated Soil	Phase II Environmental Site Assessments (ESAs) were conducted on parcels needed for the Project in order to reduce the risk, understand the extent and type of contamination that may be present and develop appropriate remediation. Discovery and Response Plan: All construction contractors must stop all subsurface activities if odors, vents, disturbed, or significantly stained soil are discovered during construction.	<b>Complete.</b> Phase II ESAs are complete. information is provided to demolition and construction contractors in construction plans and specifications. Phase I ESA refreshes were completed where necessary. Coordination with Indiana Brownfields continues related to specific NICTD properties. All Comfort Letters have been received from Indiana Brownfields and NICTD will follow all environmental covenants.  Previously unknown underground storage tanks and septic tanks were discovered in Michigan City, Ogden Dunes, and Gary as part of demolition. All underground tanks were removed in accordance with IDEM requirements.
30	Discovered Waste in Existing Buildings	Asbestos, lead-based paint and hazardous material surveys of buildings or structures will be required before reconstruction or demolition of any property, including	<b>Complete.</b> Demolition is complete on all 70 properties requiring structural demolition. All hazardous materials



Number	Hazardous and Contaminated Materials Requiring Mitigation	Mitigation Measures	Mitigation Status
		NICTD-owned properties or structures. Any hazardous materials identified will be abated and disposed of in accordance with federal, state, and local regulations.	identified were abated and disposed of in accordance with applicable federal, state, and local regulations.
31	Unforeseen situations	Spill Control and Prevention Plan, Stormwater Pollution Prevention Plan (SWPPP), Health and Safety Plans and Contaminated Material Management Plan will be developed and approved.	<b>Complete.</b> The SWPPPs have been sent to permitting agencies and approved as part of the permitting process. The other listed plans have been developed by contractors and approved by NICTD. NICTD Construction Management Team is monitoring contractors' compliance with these plans.

Number	Transportation Requiring Mitigation	Mitigation Measures	Mitigation Status
32	Service on South Shore Line	Temporary service interruptions will occur during the construction period. Notice to the public and riders will be required.	<p>Bus service will replace commuter rail service during scheduled track outages.</p> <p>Busing between Gary Metro and Michigan City is currently in effect.</p> <p>The South Parking Lot of the Portage/Ogden Dunes Station is open.</p> <p>NICTD is using news releases, social media, email, and the website to publish updates about construction activities and detours. Notice has also been provided to passengers as outlined in the Outreach Plan and through NICTD's standard channels for communicating bus service. NICTD's Customer Service</p>





Number	Transportation Requiring Mitigation	Mitigation Measures	Mitigation Status
			and Communications Manager continues to coordinate busing schedules and communication with passengers.
33	Freight on Rail Lines	Phasing plans will be developed to handle freight traffic and use of rail lines between Canadian National, Norfolk Southern, CSX Transportation, Amtrak and CSS during construction.	<p>NICTD secured Construction Agreements with all freight railroads. All railroads have reviewed the design and phasing plans. Coordination between NICTD and CSX, CN, and NS is ongoing, preconstruction meetings were held with NS in July and with CSX in September.</p> <p>The first track outage between Carroll Avenue and Gary Metro stations began February 28, 2022 and is expected to last through October 2023.</p>
34	Public Transportation in Gary	NICTD will coordinate with the City of Gary and the Gary Public Transportation Corporation (GPTC) to develop an outreach plan regarding the temporary effects on Route 12 during construction.	<p>A Construction Outreach Plan has been developed and approved by NICTD. Maintenance of Traffic plans were shared with GPTC ahead of construction. NICTD is using news releases, social media, email, and the website to publish updates about construction activities and detours. Busing routes and schedules were modified effective 11/15/22.</p> <p>Road closures are identified on the project website. Additional coordination is occurring with communities that have limited roadway access into the community and have a planned roadway closure. Feedback from residents, businesses, and</p>



Number	Transportation Requiring Mitigation	Mitigation Measures	Mitigation Status
			<p>municipalities about the weekly emails has been positive.</p> <p>NICTD will continue to coordinate with the City of Gary and GPTC throughout the duration of construction.</p>
35	Lake Street Traffic in Gary	Traffic plans will be developed to provide safe access to businesses on Lake Street.	<p>NICTD's Construction Manager developed a Construction Outreach Plan, which will be followed throughout construction.</p> <p>NICTD prepared a robust road closure plan that identifies communication about road closures to municipalities and emergency responders. A list of road closures and schedules are posted to the project website and eNews is sent to interested parties.</p> <p>NICTD is using news releases, social media, email, and the website to publish updates about construction activities and detours. Feedback from residents, businesses, and municipalities about the weekly emails has been positive.</p> <p>NICTD will meet with representatives from Gary and INDOT weekly through the end of construction.</p>
36	Public Transportation in Michigan City	An Outreach Plan will be developed regarding the temporary effects on Routes 1, 3, and 4 during construction and the permanent elimination of Route 2.	<p><b>Complete.</b> NICTD's Construction Manager developed a Construction Outreach Plan, which will be followed throughout construction. A revised MOT plan was prepared in May for the Michigan City closures and additional signage has been posted. NICTD</p>



Number	Transportation Requiring Mitigation	Mitigation Measures	Mitigation Status
			<p>coordinated with Michigan City government in December 2022 about remaining roadwork that will shift into 2023 for completion.</p> <p>Construction plans and specifications require continued coordination with Michigan City Transit and notification of route changes will continue to be a part of public notifications to be issued via email, social media, and project website.</p>
37	Traffic Changes in Michigan City	<p>NICTD will work with the City of Michigan City to develop an outreach plan to inform residents, businesses, and visitors of the change in travel patterns for the eleven streets that will have cul-de-sac north of the proposed railroad tracks. Connections will be made for Carlon Court, Donnelly Street and Clair Street south of 10<sup>th</sup> Street. Access will be at Willard and Sheridan Avenues. A new traffic signal is needed at 10<sup>th</sup> and Franklin Streets, and the stop control will be moved from 10<sup>th</sup> Street to Pine Street in the station area. Westbound traffic on 11th Street will be rerouted.</p>	<p>NICTD met with the City and MC Transit several times during design development. Comments were addressed and are included in the Maintenance of Traffic Plans included in the construction plans and specifications. The revised Maintenance of Traffic plans were developed for the full closure of 11th Street to vehicular traffic during construction. Additional signage reflecting the 11<sup>th</sup> street closure has been added. 11<sup>th</sup> Street is expected to open to one-way east-bound traffic in the October of 2023.</p> <p>All property owners still have pedestrian access, with vehicular access from side streets or alleys. Door-to-door canvassing and fliers were distributed in areas where there are full street closures that affect access to residences and businesses. The NICTD team is working individually with property owners that require special mitigation for access.</p>



Number	Transportation Requiring Mitigation	Mitigation Measures	Mitigation Status
			<p>NICTD's Construction Manager developed a Construction Outreach Plan, which will be followed throughout construction. NICTD is using social media, email, and the website to publish updates about construction activities.</p> <p>Extensive updates to Michigan City key staff lists have occurred frequently throughout the construction period in partnership with the Mayor's Office.</p>