

**NOTICE OF APPLICATION FOR FEDERAL CONSISTENCY REVIEW  
LAKE MICHIGAN COASTAL ZONE PROGRAM**

**Project Number:** ER-15070-1

**Name of Applicant:** Tamara Miller

**Address of Applicant:**

Cardno JFNew  
3901 Industrial Boulevard  
Indianapolis, IN 46257

**Project Description:** 45th Street realignment at Calumet Avenue and grade separation at the CN Railroad, Munster; Des. # 0710056

**Location of Project:** Munster, Lake County, IN

**Send comments to the following no later than May 20, 2016:**

Federal Consistency Review Coordinator, Environmental Unit  
Division of Fish and Wildlife  
Department of Natural Resources  
402 West Washington Street, Room W273  
Indianapolis, IN 46204  
Electronic mail: [environmentalreview@dnr.in.gov](mailto:environmentalreview@dnr.in.gov)

**Copies of the request, accompanying information and data are available for inspection at the following location:**

Environmental Unit  
Division of Fish and Wildlife  
Department of Natural Resources  
402 West Washington Street, Room W273  
Indianapolis, IN 46204

*\*FC REVIEW\**

*ER-15070-1*

**Vaught, Olivia**

**From:** Tammy Miller <Tamara.Miller@cardno.com>  
**Sent:** Monday, May 02, 2016 3:15 PM  
**To:** Review, Environmental  
**Subject:** ER-15070: Calumet and 45th Realignment and Grade Separation, DES#0710056  
**Attachments:** IDNR\_FederalConsistencyReview.pdf

\*\*\*\* This is an EXTERNAL email. Exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email. \*\*\*\*

Attached to this email is a request for Federal Consistency Review for the above referenced project. The Environmental Review (**ER-15070**) has already been completed for this project and there have been no changes to the project. This project is within the Lake Michigan Coastal Program's jurisdictional boundary and is partially funded by the Federal Highway Administration and is sponsored by the Town of Munster.

Please let me know if you need additional information to complete your review.

Thank you,

Tammy Miller  
PROJECT SCIENTIST  
ENGINEERING & ENVIRONMENTAL SERVICES DIVISION  
CARDNO



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May 2, 2016

Environmental Unit  
Division of Fish and Wildlife  
Indiana Department of Natural Resources  
402 W. Washington St., Room W273  
Indianapolis, IN 46204

Cardno JFNew

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Indianapolis, Indiana 46254  
USA

Phone 317 388 1982  
Fax 317 388 1986  
www.cardno.com

Subject: Calumet Avenue and 45<sup>th</sup> Street Alignment and Grade Separation (Des. No. 0710056)  
**ER - 15070**

To Whom it May Concern:

The Town of Munster, Indiana intends to proceed with the aforementioned realignment and grade separation project. An early coordination response was received from your agency May 24, 2010 and June 3, 2014 and the project description has not changed since this initial coordination. This letter is being sent to request a Federal Consistency Review for the above referenced project. The project is located within the Lake Michigan Coastal Programs' jurisdictional boundary and is being partially funded by the Federal Highway Administration (under 20.205). We are requesting your review to confirm that the proposed activity complies with Indiana's approved coastal management program and will be conducted in a manner consistent with this program. **Please use the above designation number and description in your reply.**

The project, Des. No. 0710056, is located at the intersection of Calumet Avenue and 45<sup>th</sup> Street, in Section 30, T-36-N, R-9-W and Section 25, T-36-N (Calumet City and Highland Quad), in North Township, Lake County, Indiana (Figure 1). The north end of the project boundary is located at approximately Lat. 41°32'47.70" North, Long. 87°30'32.41" West with the south end of the project boundary located at Lat. 41°32'13.92" North, Long. 87°30'32.68" West. The west side of the project area is located at approximately Lat. 41°32'36.83" North, Long. 87°30'49.30" West with the east side of the project boundary located at Lat. 41°32'19.53" North, Long. 87°29'53.36" West.

The existing intersection consists of two three-legged intersections spaced approximately 500' apart with an at-grade, two-track railroad crossing located between the two intersections. The proposed project consists of two phases involving intersection realignment at Calumet Avenue and 45<sup>th</sup> Street and grade separation of the railroad crossing in the Town of Munster, Indiana (Figure 2). The purpose of the project is to improve the existing intersection of Calumet Avenue and 45<sup>th</sup> Street. The current configuration poses numerous safety issues (namely train/vehicle collisions) and increasingly long delays. Additionally, sight distance is a concern due to the crest of the curve along Calumet Avenue at the railroad grade crossing.

The first phase of the project consists of widening and reconstructing the 45<sup>th</sup> Street and Calumet Avenue intersection to a single four-legged intersection. In addition, 45<sup>th</sup> Street would be re-aligned with a new grade separated structure east of Calumet Avenue through Munster Steel, underneath the Grand Trunk Western (GTW) Railroad. The newly realigned 45<sup>th</sup> Street will rejoin the existing 45<sup>th</sup> Street alignment approximately 1000 feet east of Columbia Avenue. Calumet Avenue will be reconstructed north and south of the 45<sup>th</sup> Street intersection as a result of the intersection improvements. The existing leg of 45<sup>th</sup> Street from Calumet Avenue to Columbia Avenue will be removed. Access to Columbia Avenue from 45<sup>th</sup> Street will be maintained via a one-way westbound access road. The Columbia Avenue access road or "slip ramp" will be constructed along the existing 45<sup>th</sup> Street alignment.

The existing Pennsy Greenway Bike Path will also be re-aligned as a part of the Phase One of the project. The new bike path alignment will cross over 45<sup>th</sup> Street with a grade-separated overpass (bikeway over roadway) and head northwesterly on an alignment that is expected to parallel the Grand Trunk Western Railroad alignment. Phase One improvements to the bike path will end at the east side of Calumet Avenue, where the path will connect to existing sidewalk. A new 10' sidewalk will be installed on the east side of Calumet Avenue from the at-grade GTW Railroad tracks to Superior Avenue.

The second phase improvements consist of the grade separation of Calumet Avenue and the GTW Railroad with a new structure (the proposed roadway will travel underneath the existing GTW railroad tracks). The Pennsy Greenway Bike Path will also be extended from where it left off in Phase One with construction of a new bike bridge over Calumet Ave and then the trail will go under the GTW Railroad with a new bike tunnel to connect to the future Pennsy Trail.

Photographic renderings of the proposed grade separations at the Calumet Avenue/GTW Railroad and 45<sup>th</sup> Street/GTW Railroad intersections are included in this letter as a visual aid for the proposed project.

Land use in the vicinity of the project consists primarily of urban, built-up areas including: light industrial, railroad, and residential use land. A portion of the land in the project area is within Centennial Park.

May 2, 2016

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If you have any questions about this project, please feel free to contact me at 317-388-1982 or by email at [tamara.miller@cardno.com](mailto:tamara.miller@cardno.com).

Sincerely,

A handwritten signature in blue ink that reads "Tamara Miller".

Tamara Miller  
Project Scientist  
for Cardno JFNew

Email: [tamara.miller@cardno.com](mailto:tamara.miller@cardno.com)

Attachments:

1. Figure 1 – Location
2. Figure 2 – Photographs and Key
3. Concept Plan
4. Renderings and Key

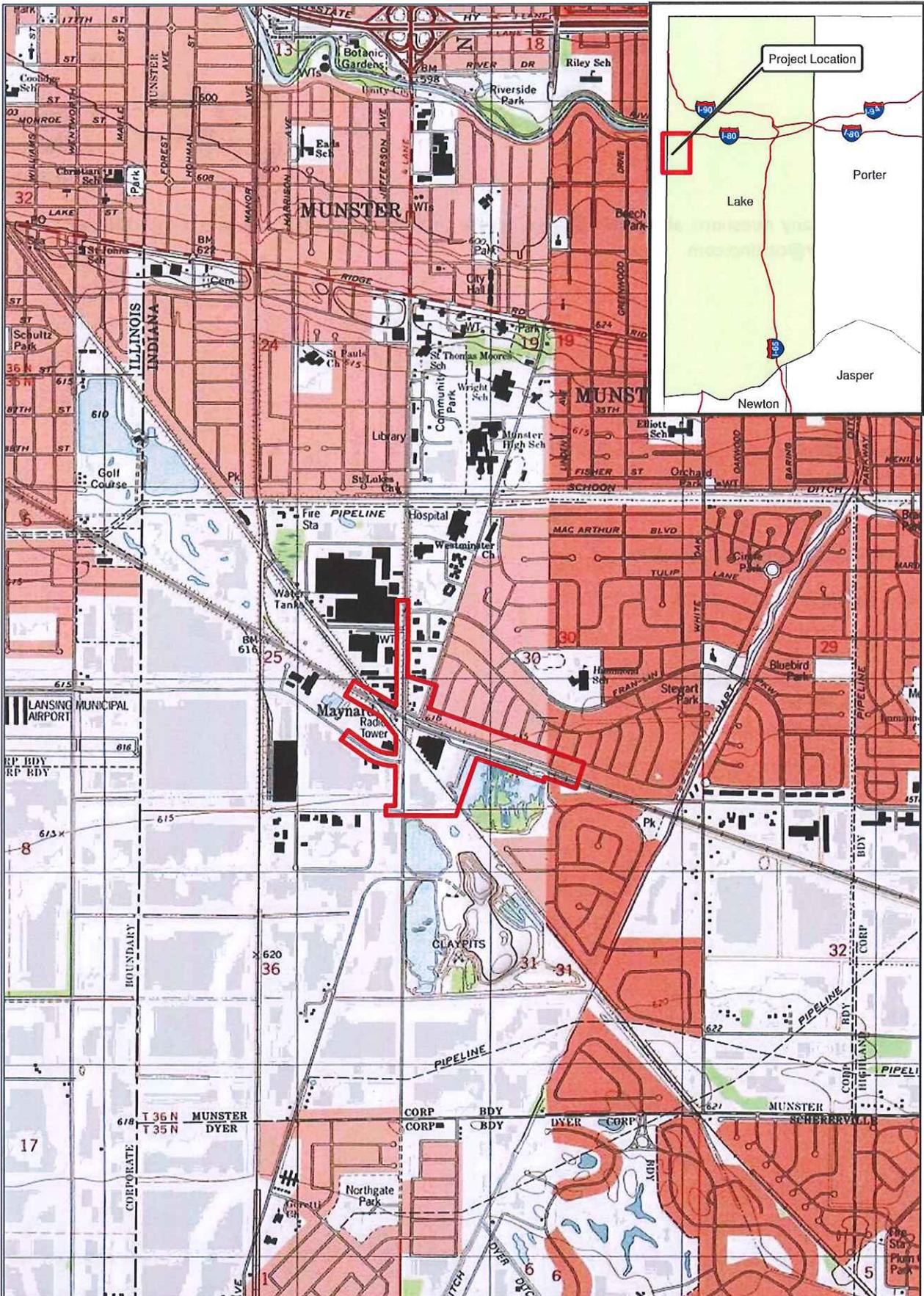


Figure 1: Location Map  
 Calumet Avenue and 45th Street Realignment  
 and Grade Separation  
 Town of Munster, Lake County, Indiana  
 Des. No. 0710056

T36N 10W Sec 24, 25, 36  
 T36N 9W Sec 19, 30, 31  
 Project No. 0901090.02

Project Site 2013

0 850 1,700 3,400 Feet



1121 Canal Road, Cincinnati, OH 45241 USA  
 Phone (+1) 513-495-2102 Fax (+1) 513-499-2404  
 www.cardnojfn.com

Date: 5/28/2014





# TOWN of MUNSTER, INDIANA

## CONCEPT PLAN 45TH STREET RE-ALIGNMENT

### PHOTOGRAPH RENDERING LOCATIONS



PREPARED BY:  
**Robinson**  
ENGINEERING  
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Photo 1: View of 45th Street facing east to Calumet.



Photo 2: Calumet and 45th facing south.



Photo 3: View of 45th and Calumet facing north.



Photo 4: View west side of Calumet facing south to 45th

Project Number: 06/10002

Site Photographs

Calumet and 45th Realignment and Grade Separation, Munster, Lake County, Indiana

Des. No. 0710056



Photo 5: View of 45th Street looking West towards railroad track and Munster Steel.



Photo 6: View of Munster Steel lot.

Project Number: 06/10002

Site Photographs

Calumet and 45th Realignment and Grade Separation, Munster, Lake County, Indiana

Des. No. 0710056



NORTH EAST VIEW OF 45TH STREET GRADE SEPARATION

Photo 1: Rendering of proposed 45th Street tunnel under existing railroad tracks. View facing Northeast



SOUTH WEST VIEW OF 45TH STREET GRADE SEPARATION

Photo 2: Rendering of proposed 45th Street tunnel under existing railroad tracks. View facing Southwest



NORTH EAST VIEW OF CALUMET AVENUE GRADE SEPARATION

Photo 3: Rendering of proposed Calumet Avenue tunnel under existing railroad tracks. View facing Northeast



NORTH VIEW OF CALUMET AVENUE GRADE SEPARATION

Photo 4: Rendering of proposed Calumet Avenue tunnel under existing railroad tracks. View facing Northeast

Project Number:  
20170401.02

Renderings

Town of Munster, Indiana  
45th Street Re-Alignment  
Robinson Engineering

