

# Data Needs Analysis



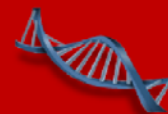
## Scoping Study



US 62  
McCracken County  
Major Widening  
Item No. 1-152.00

Prepared by  
KYTC District 1

August 2012



| I. PRELIMINARY PROJECT INFORMATION  |   |                         |  |
|---|---|-------------------------|--|
| <b>County:</b>  | McCracken   | <b>Item No.:</b>        | 1-152.00   |
| <b>Route Number(s):</b>   | US 62   | <b>Road Name:</b>       | Blandville Road  |
| <b>Program No.:</b>   | 86705   | <b>UPN:</b>             | 073 0062 007-009   |
| <b>Federal Project No.:</b>   | n/a   | <b>Type of Work:</b>    | Major Widening   |
| <b>2012 Highway Plan Project Description:</b>   |   |                         |  |
| Major Widening of US 62 from KY 998 to Paducah Information Age Park   |   |                         |  |
| <b>Beginning MP:</b>  | 7.851   | <b>Ending MP:</b>       | 8.808  |
| <b>Project Length:</b>  | 0.957   |                         |  |
| <b>Functional Class.:</b>   | <input checked="" type="checkbox"/> Urban <input type="checkbox"/> Rural  | <b>State Class.:</b>    | <input type="checkbox"/> Primary <input checked="" type="checkbox"/> Secondary   |
| <b>MPO Area:</b>  | Not Applicable  | <b>Route is on:</b>     | <input type="checkbox"/> NHS <input type="checkbox"/> NN <input type="checkbox"/> Ext Wt   |
| <b>In TIP:</b>  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   | <b>Truck Class.:</b>    | 6.7  |
| <b>ADT (current):</b>   | 6378 (2010)   | <b>% Trucks:</b>        | 6.7  |
| <b>Access Control:</b>  | <input type="checkbox"/> None <input checked="" type="checkbox"/> Permit <input checked="" type="checkbox"/> Fully Controlled | <b>Terrain:</b>         |  |
| <b>Median Type:</b>   | <input checked="" type="checkbox"/> Undivided <input type="checkbox"/> Divided (Type):  | <b>Spacing:</b>         |  |
| <b>Existing Bike Accommodations:</b>  |   | <b>Ped:</b>             | <input type="checkbox"/> Sidewalk  |
| <b>Posted Speed:</b>  | <input type="checkbox"/> 35 mph <input type="checkbox"/> 45 mph <input checked="" type="checkbox"/> 55 mph                    | <b>Other (Specify):</b> |  |
| <b>KYTC Guidelines Preliminarily Based on :</b> 55 MPH Proposed Design Speed  |   |                         |  |
| <b>COMMON GEOMETRIC</b>   |   |                         |  |
| <b>Roadway Data:</b>  | <b>EXISTING</b>   | <b>PRACTICES*</b>       |  |
| No. of Lanes  | 2   | 2                       | <a href="#">Existing Rdwy. Plans available?</a><br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Year of Plans:<br><input checked="" type="checkbox"/> <a href="#">Traffic Forecast Requested</a><br>Date Requested: 7/11/2012<br><input type="checkbox"/> Mapping/Survey Requested<br>Date Requested:<br>Type: |
| Lane Width  | 10'   | 12'                     |  |
| Shoulder Width  | 3' Combination  | 6' paved + 2' earth     |  |
| Max. Superelevation**   |   | 6%                      |  |
| Minimum Radius**  |   | 1060'                   |  |
| Maximum Grade   |   | 6%                      |  |
| Minimum Sight Dist.   |   | 495                     |  |
| Sidewalk Width(urban)   | n/a   | n/a                     |  |
| Clear-zone***   |   | 30'                     |  |
| <b>Project Notes/Design Exceptions?:</b>  | No  |                         |  |
| <small>*Based on proposed Design Speed, **AASHTO's A Policy on Geometric Design of Highways and Streets, ***AASHTO's Roadside Design Guide</small>  |   |                         |  |
| <b>Bridge No.*:</b>   | 073B00026N  | 073B00027N              | 073B00028N   |
| <b>Sufficiency Rating</b>   | 64.7  | 62.8                    | 80.5   |
| <b>Total Length</b>   | 43  | 151.9                   | 22   |
| <b>Width, curb to curb</b>  | 27.9  | 27.9                    | 23.95  |
| <b>Span Lengths</b>   | 40  | 35.1                    | 9.8  |
| <b>Year Built</b>   | 1955  | 1955                    | 1955   |
| <b>Posted Weight Limit</b>  | Open****  | Open****                | Open****   |
| <b>Structurally Deficient?</b>  | No  | No                      | No   |
| <b>Functionally Obsolete?</b>   | Yes   | Yes                     | No   |
| <b>Truck Detour Length:</b> 55.4 miles<br><a href="#">Existing Geotech data available?</a><br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><small>*If more than two bridges are located on the project, include additions sheets.</small><br><small>****Open, No Restrictions</small> |   |                         |  |

## II. PROJECT PURPOSE AND NEED

### A. Legislation

The following funding was listed in the FY 2012 - FY 2018 Highway Plan.

| <i>Funding</i> | <i>Phase</i> | <i>Year</i> | <i>Amount</i> |
|----------------|--------------|-------------|---------------|
| SPP            | D            | 2012        | \$1,500,000   |
| SPP            | R            | 2014        | \$2,500,000   |
| SPP            | U            | 2014        | \$2,500,000   |
| SPP            | C            | 2016        | \$8,400,000   |

### B. Project Status

Design funds for this project have been requested and authorized.

This project is for the major widening of US 62 from KY 998 to Paducah Information Age Park/McCracken Blvd (from MP 7.851 to MP 8.808).

### C. System Linkage

US 62 from KY 998 to Paducah Information Age Park/McCracken Blvd (from MP 7.851 to MP 8.808) is classified as Urban Minor Arterial. It is on the State Secondary system. Please see Exhibit 1 on Page 14 for more detail.

### D. Modal Interrelationships

US 62 is rated Truck Class AAA. Current traffic data shows 6.7% truck traffic. US 62 is not a part of any known bike routes in Kentucky.

### E. Social Demands & Economic Development

Most of the property along this project is residential, however there is an industrial park entrance located at the beginning of the project (MP 7.851).

It is expected that with the Fall 2013 opening of McCracken County Consolidated High School, the social demand for this roadway will increase substantially.

### F. Transportation Demand

The last actual traffic count on US 62 from MP 7.851 to MP 8.808 was in 2010 and showed an ADT of 6378 (this data can be found in CTS). According to the traffic count data shown in CTS, the ADT has been declining since 1995 (there was one slight rise in 2006, but it again returned to declining in 2007). However, with the upcoming opening of McCracken County Consolidated High School (Fall 2013) traffic along this roadway is expected to increase substantially.

A traffic forecast was requested on 7/11/2012.

## II. PROJECT PURPOSE AND NEED (cont.)

### G. Capacity

Based upon the current traffic count of 6378 ADT (2010), and the roadway geometrics of two 10' lanes with 1.5' shoulders, capacity does not look to be an issue at this time. However, with the expected increase in traffic (please see Section F. Transportation Demand for further explanation) capacity may become an issue with the current roadway geometry in the future.

### H. Safety

The collision data was obtained from the Kentucky State Police database for a ten year period from January 1, 2002 to July 27, 2012 and stretching along US 62 from MP 7.851 to MP 8.808 for the project. 25 collisions were found using these criteria. Collision locations can be seen in Exhibit 2 on Page 14. Included in the list of collisions are 8 with injuries, 17 with property damage, and 0 fatalities. 16 of the 25 collisions occurred during daylight hours. 11 of the 25 occurred in wet/slush conditions. 19 of the 25 are listed as having roadway characteristics of straight and level grade. The collisions consist of 13 instances of rear ends, 5 events with fixed objects, 3 instances where the vehicles left the pavement and could not recover, 2 animals, and 2 angled collisions. Please see Table 1 on Page 15 for details.

The CRF for this section of US 62 is 0.571

### I. Roadway Deficiencies

The existing roadway on US 62 consists of two 10' lanes with 1.5' shoulders. These findings are consistent with the HIS assessment of two 10' lanes and 3' shoulders (provided that HIS is combining the paved shoulder with some of the earth shoulder in some locations). Since this road is classified as an Urban Minor Arterial, AASHTO's Policy on Geometric Design of Highways and Streets (aka. The Green Book) recommends use of 55mph to match current conditions and using 12' lanes with 8' shoulders (6' paved + 2' earth).

There appears to be 3 Environmental/Drainage issues to address: 2 stream crossings and 1 wetland area. Depending upon the alternate chosen for this project, there may be a major utility relocation involved with this project.

There are 3 bridges on US62 between MP 7.851 and MP 8.808 that will be effected by this project: 1 bridge culvert at MP 8.377 (073B00028N) (SR 80.5), 1 bridge at MP 8.469 (073B00027N) (SR62.8), and 1 bridge at MP 8.536 (073B00026N) (SR 64.7). Please see Exhibit 3 on Page 15 for location information and Table 2 on Page 15 for details. Also, links to the Bridge Report and Bridge Pictures for each bridge are included at the end of this report under the section Helpful Links on Page 16 for more information.

### Draft Purpose and Need Statement:

Need: The roadway along US 62 / Blandville Road needs to be improved due to poor roadway geometrics, future capacity and demand issues, and supportive crash data.

Purpose: The purpose of this study is to identify all necessary concerns involved with the major widening of US 62 / Blandville Road and to improve the reliability of this roadway.

| <b>III. PRELIMINARY ENVIRONMENTAL OVERVIEW</b>  |  |
|---|--|
| <b>A. Air Quality</b><br>Project is in: <input checked="" type="checkbox"/> Attainment area <input type="checkbox"/> Nonattainment or Maintenance Area <input type="checkbox"/> PM 2.5 County<br><b>STIP Pg.#:</b> pg.99 2012-2018 <b>TIP Pg.#:</b>   |  |
| <b>B. Archeology/Historic Resources</b><br><input type="checkbox"/> Known Archeological or Historic Resources are present<br>No known archaeological sites are in the project area. Most of current row within project area disturbed by prior construction of US62. Area will require Phase 1 study. The bridges and culvert will require review for eligibility status for sec. 106. No homes or other structures appear to be over 50 years old, but the project area will require sec. 106 review for eligibility status.   |  |
| <b>C. Threatened and Endangered Species</b><br>Cumberlandia monodonta (spectaclecase)SCM(402)(USFWS); Cyprogenia stegaria (fanshell) FSM (403)(USFWS); Epioblasma torulosa torulosa (turberclad blossom) EPTT (424)(KDFWR); Lampsilis abrupta (pink mucket) PMM (409)(USFWS, KDFWR, KSNPC); Obovaria retusa (ring pink) RPM (412)(USFWS, KSNPC); Plethobasus cooperianus (orangefoot pimpleback) OFPM (414)(USFWS, KDFWR, KSNPC); Plethobasus cyphus (sheepnose) SNM (415)(USFWS, KDFWR, KSNPC); Pleuroblema clava (clubshell) CM (416)(USFWS); Pleuroblema plenum (rough pigtoe) RPTM (417)(USFWS); Potamilis capax (fat pocketbook) FPBM(USFWS, KDFWR, KSNPC); Quadrula cylindrica cylindrica (rabbitsfoot) RFM (430)(KDFWR, KSNPC); Sterna antillarum athalassos (interior least tern) ILT (802)(USFWS, KSNPC); Myotis sodalis (Indiana bat) IB (903)( USFWS, KDFWR, KSNPC)  |  |
| <b>D. Hazardous Materials</b><br><input type="checkbox"/> Potentially Contaminated Sites are present <input checked="" type="checkbox"/> Potential Bridge or Structure Demolition<br>1 culvert and 2 bridges will be replaced and will require asbestos clearance. Project may require acquisition of homes and they will also require asbestos clearances. No other known or suspected UST/Hazmat concerns were found in the project area. Further study by DEA haz/mat SME is required.   |  |
| <b>E. Permitting</b><br>Check all that may apply: <input checked="" type="checkbox"/> Waters of the US <input checked="" type="checkbox"/> MS4 area <input type="checkbox"/> Floodplain Impacts <input type="checkbox"/> Navigable Waters of the US Impacts<br>Are 401/404 Permits likely to be required? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No    Impacts to: <input checked="" type="checkbox"/> Wetlands <input checked="" type="checkbox"/> Stream/Lake/Pond<br><input checked="" type="checkbox"/> ACE LON <input checked="" type="checkbox"/> ACE NW <input checked="" type="checkbox"/> ACE IP <input type="checkbox"/> DOW IWQC <input type="checkbox"/> Special Use Waters<br>Project is within the 100 year floodplain. Industrial Park property is within the City of Paducah MS4 limits. Project will impact East Fork of Massac Creek at the bridge crossings and also an unidentified stream at the culvert location. Other stream impacts are possible on the north side of the road depending on the classification of the drainage in that area. Wetlands are present in the project area as shown on the National Wetlands Inventory. A wetland delineation is required on the project. |  |
| <b>F. Noise</b><br>Are existing or planned noise sensitive receptors adjacent to the proposed project? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br>Is this considered a "Type I Project" according to the <a href="#">KYTC Noise Analysis and Abatement Policy?</a> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br>The majority of the noise receptors are to the south of current US62. If a southern alternate is chosen it is highly probable that noise impacts will occur.  |  |
| <b>G. Socioeconomic</b><br>Check all that may apply: <input type="checkbox"/> Low Income/Minority Populations affected <input checked="" type="checkbox"/> Relocations <input checked="" type="checkbox"/> Local Land Use Plan available<br>Relocations are possible if a southern alternate is chosen. Project is not within a low income/minority population center. Environmental Justice review will be required for those properties affected.   |  |

III. PRELIMINARY ENVIRONMENTAL OVERVIEW

H. Section 4(f) or 6(f) Resources

The following are present on the project:

☐ Section 4(f) Resources

☐ Section 6(f) Resources

No Section 4(f) or 6(f) resources are present.

Anticipated Environmental Document:

None (Completely State funded)

6

10/2/2012



#### IV. POSSIBLE ALTERNATIVES

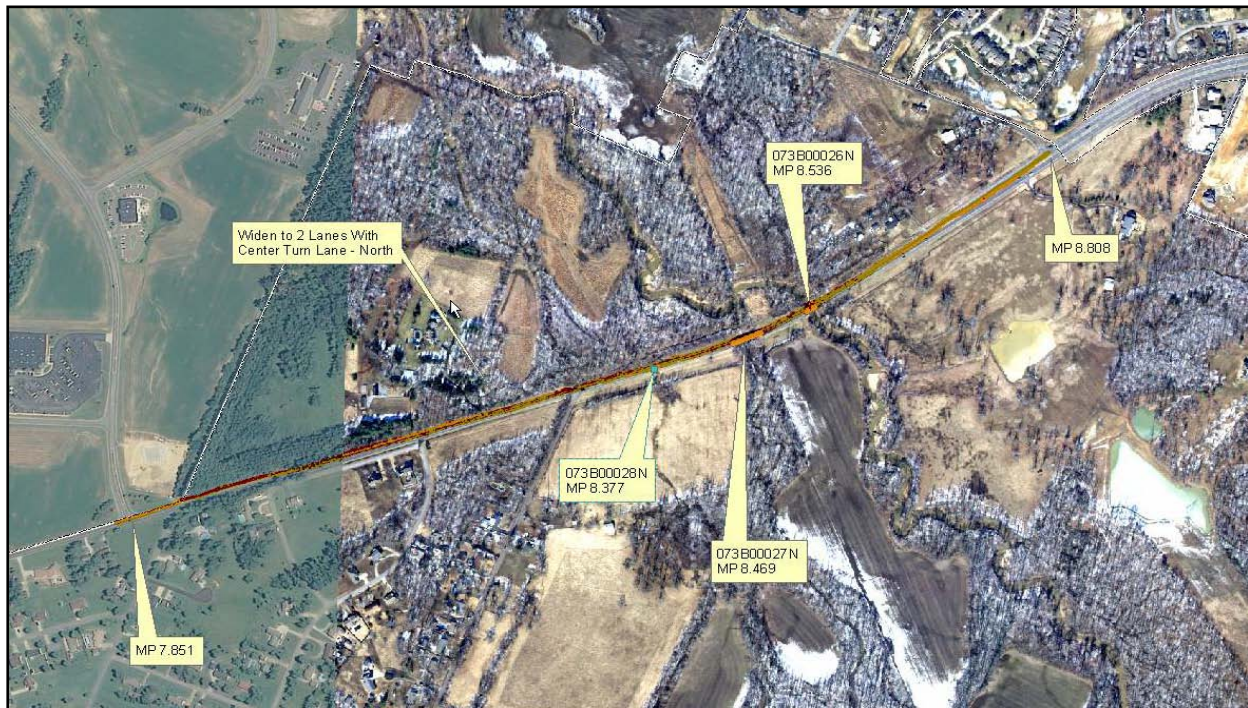
##### A. Alternative 1: No Build

This alternative may be carried forward, but does not address the needs identified. Future congestion and restriction of this roadway would cause traffic to be redirected and impact local residents.

##### B. Alternative 2a: Widen to 2 Lanes With Center Turn Lane - North

Widen the two 10' lanes and 1.5' paved and 1.5' earth shoulders to two 12' lanes with 12' center turn lane and 6' paved and 2' earth shoulders utilizing the existing alignment and adding the necessary Right Of Way and Pavement to the North of the existing.

Traffic will remain on existing roadway during construction. A sketch of the proposed project can be seen below.



Planning Level Cost Estimate:

| Phase        | Estimate            |
|--------------|---------------------|
| Design       | \$1,350,000 *       |
| R/W          | \$1,500,000         |
| Utilities    | \$1,000,000         |
| Const        | \$6,650,000 **      |
| <b>Total</b> | <b>\$10,500,000</b> |

\* Design \$ 650,000 + Environmental \$ 100,000 + Bridges \$ 600,000

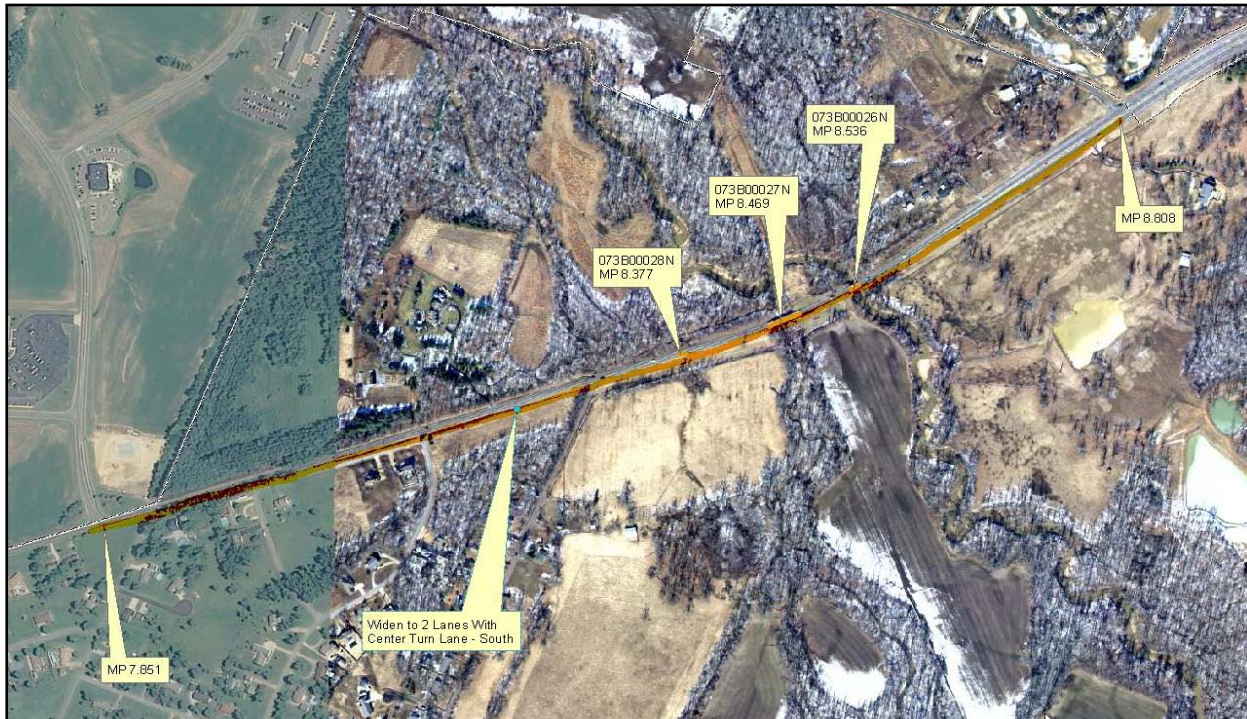
\*\* Construction \$ 3,400,000 + Bridges \$ 3,250,000

#### IV. POSSIBLE ALTERNATIVES

##### B. Alternative 2b: Widen to 2 Lanes With Center Turn Lane - South

Widen the two 10' lanes and 1.5' paved and 1.5' earth shoulders to two 12' lanes with 12' center turn lane and 6' paved and 2' earth shoulders utilizing the existing alignment and adding the necessary Right Of Way and Pavement to the South of the existing.

Traffic will remain on existing roadway during construction. A sketch of the proposed project can be seen below.



Planning Level Cost Estimate:

| <u>Phase</u> | <u>Estimate</u>     |
|--------------|---------------------|
| Design       | \$1,350,000 *       |
| R/W          | \$2,500,000         |
| Utilities    | \$2,500,000         |
| Const        | \$6,750,000 **      |
| <b>Total</b> | <b>\$13,100,000</b> |

\* Design \$ 650,000 + Environmental \$ 100,000 + Bridges \$ 600,000

\*\* Construction \$ 3,500,000 + Bridges \$ 3,250,000

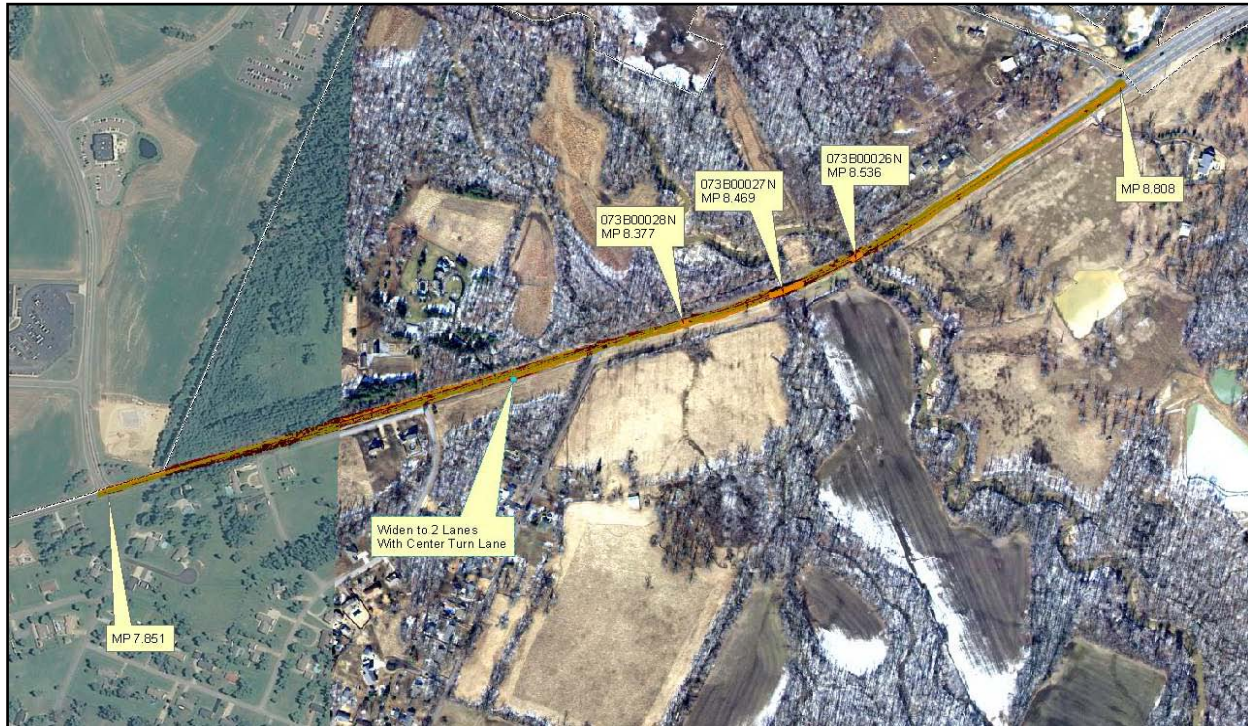


#### IV. POSSIBLE ALTERNATIVES

##### B. Alternative 2c: Widen to 2 Lanes With Center Turn Lane - Split

Widen the two 10' lanes and 1.5' paved and 1.5' earth shoulders to two 12' lanes with 12' center turn lane and 6' paved and 2' earth shoulders utilizing the existing alignment and adding the necessary Right Of Way and Pavement on each side of the existing.

Traffic will remain on existing roadway during construction. A sketch of the proposed project can be seen below.



Planning Level Cost Estimate:

| Phase        | Estimate            |
|--------------|---------------------|
| Design       | \$1,330,000 *       |
| R/W          | \$2,000,000         |
| Utilities    | \$2,250,000         |
| Const        | \$6,750,000 **      |
| <b>Total</b> | <b>\$12,330,000</b> |

\* Design \$ 650,000 + Environmental \$ 80,000 + Bridges \$ 600,000

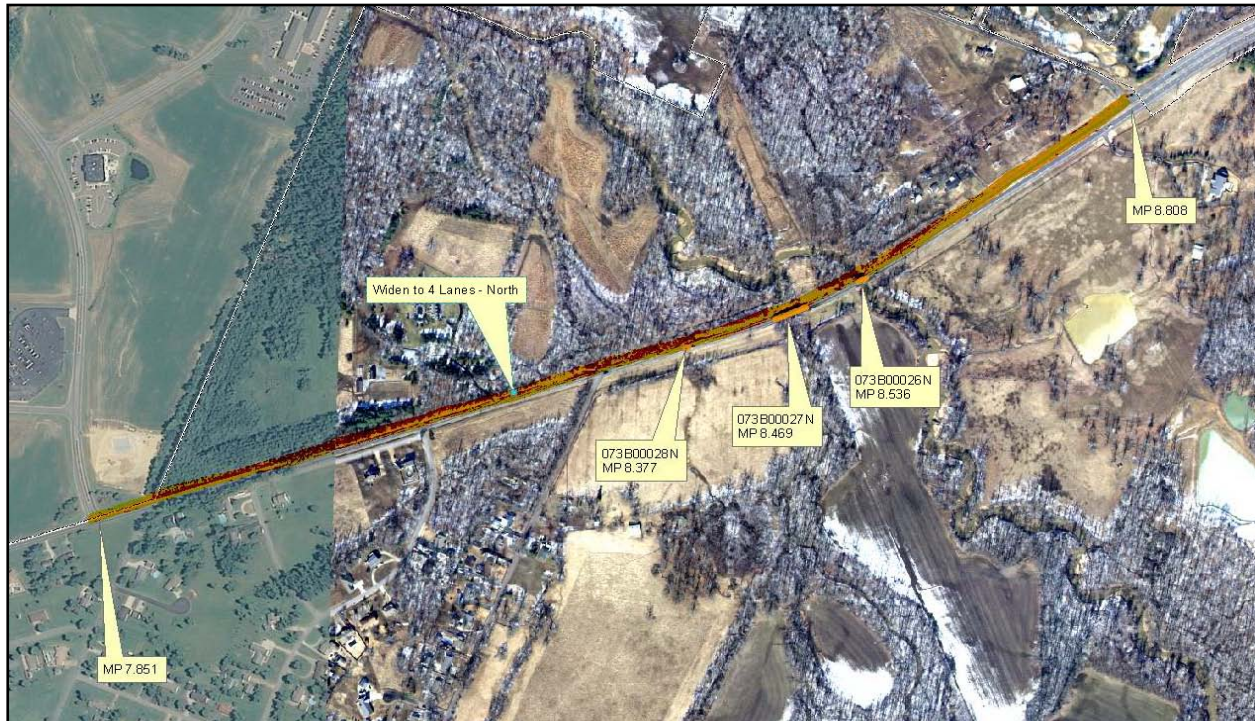
\*\* Construction \$ 3,500,000 + Bridges \$ 3,250,000

#### IV. POSSIBLE ALTERNATIVES (cont.)

##### B. Alternative 3a: Widen to 4 Lanes - North

Widen the two 10' lanes and 1.5' paved and 1.5' earth shoulders to four 12' lanes with 6' paved and 2' earth shoulders utilizing the existing alignment and adding the necessary Right Of Way and Pavement to the North of the existing.

Traffic will remain on existing roadway during construction. A sketch of the proposed project can be seen below.



Planning Level Cost Estimate:

| Phase        | Estimate            |
|--------------|---------------------|
| Design       | \$1,650,000 *       |
| R/W          | \$2,000,000         |
| Utilities    | \$1,500,000         |
| Const        | \$8,050,000 **      |
| <b>Total</b> | <b>\$13,200,000</b> |

\* Design \$ 800,000 + Environmental \$ 250,000 + Bridges \$ 600,000

\*\* Construction \$ 4,800,000 + Bridges \$ 3,250,000

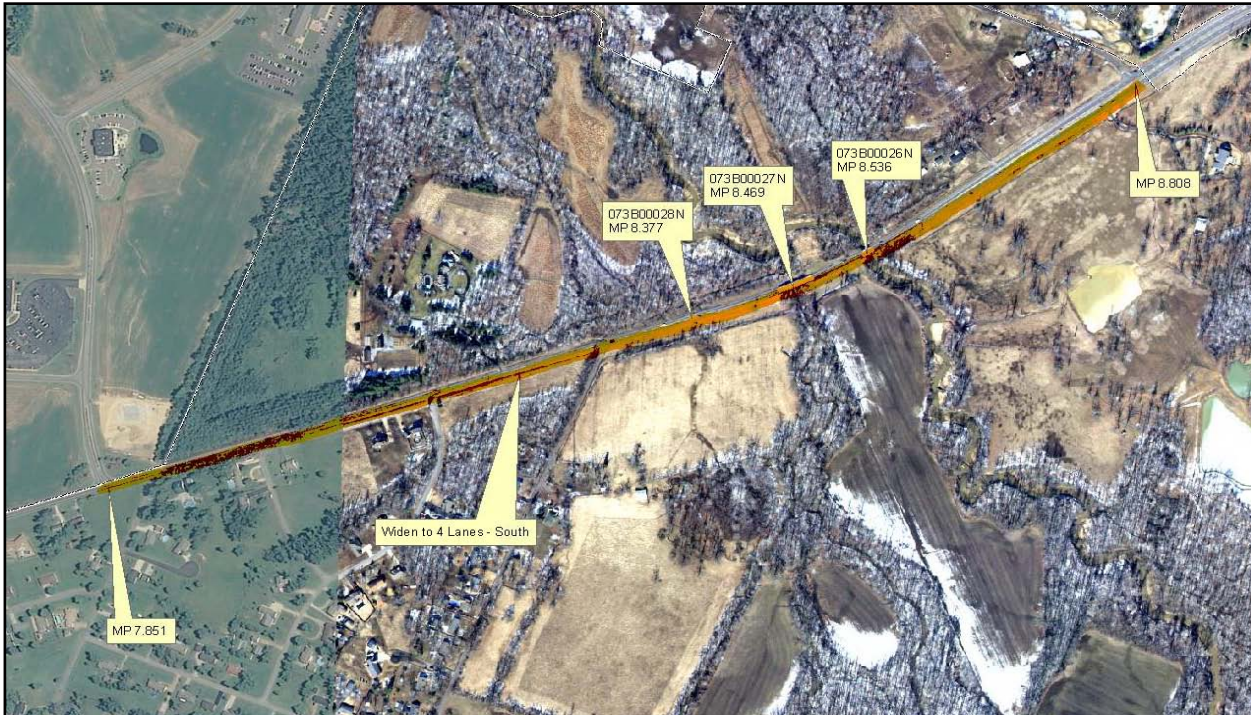


#### IV. POSSIBLE ALTERNATIVES (cont.)

##### B. Alternative 3b: Widen to 4 Lanes - South

Widen the two 10' lanes and 1.5' paved and 1.5' earth shoulders to four 12' lanes with 6' paved and 2' earth shoulders utilizing the existing alignment and adding the necessary Right Of Way and Pavement to the South of the existing.

Traffic will remain on existing roadway during construction. A sketch of the proposed project can be seen below.



Planning Level Cost Estimate:

| Phase        | Estimate            |
|--------------|---------------------|
| Design       | \$1,650,000 *       |
| R/W          | \$3,000,000         |
| Utilities    | \$4,250,000         |
| Const        | \$8,150,000 **      |
| <b>Total</b> | <b>\$17,050,000</b> |

\* Design \$ 800,000 + Environmental \$ 250,000 + Bridges \$ 600,000

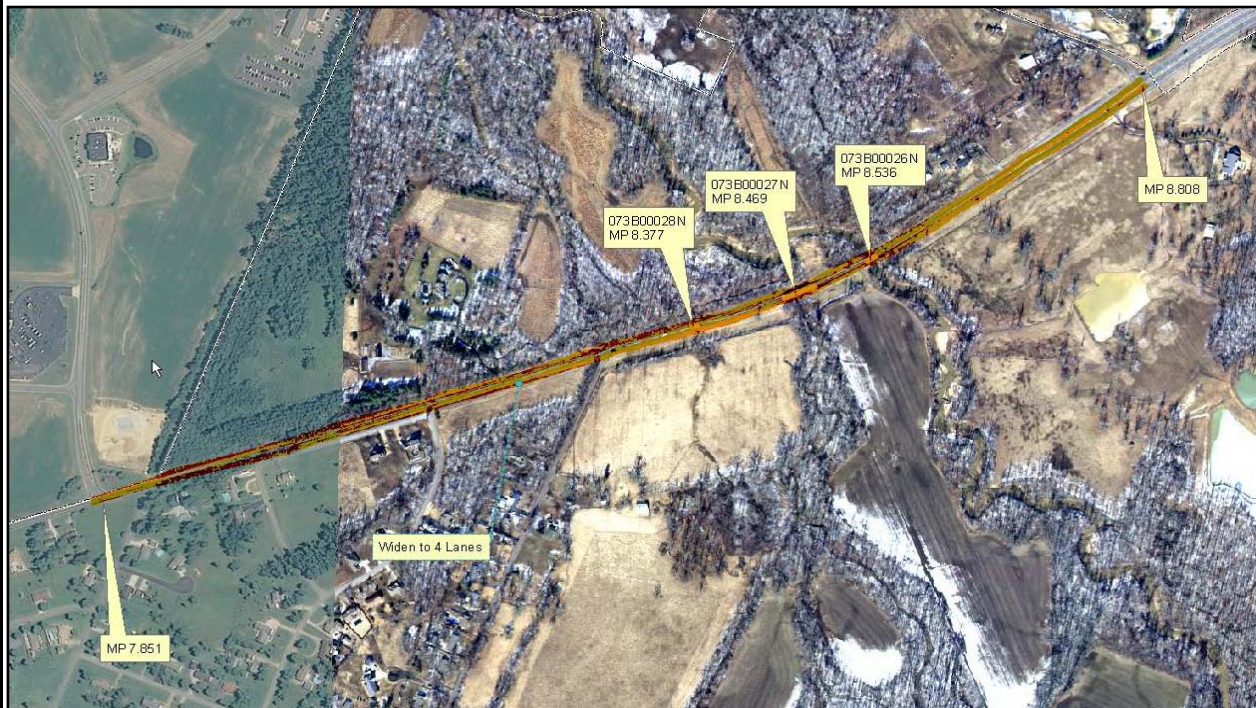
\*\* Construction \$ 4,900,000 + Bridges \$ 3,250,000

#### IV. POSSIBLE ALTERNATIVES (cont.)

##### B. Alternative 3c: Widen to 4 Lanes - Split

Widen the two 10' lanes and 1.5' paved and 1.5' earth shoulders to four 12' lanes with 6' paved and 2' earth shoulders utilizing the existing alignment and adding the necessary Right Of Way and Pavement on each side of the existing.

Traffic will remain on existing roadway during construction. A sketch of the proposed project can be seen below.



Planning Level Cost Estimate:

| <u>Phase</u> | <u>Estimate</u>     |
|--------------|---------------------|
| Design       | \$1,600,000 *       |
| R/W          | \$2,500,000         |
| Utilities    | \$2,250,000         |
| Const        | \$8,250,000 **      |
| <b>Total</b> | <b>\$14,600,000</b> |

\* Design \$ 800,000 + Environmental \$ 200,000 + Bridges \$ 600,000

\*\* Construction \$ 5,000,000 + Bridges \$ 3,250,000



## V. Summary

This study is a Data Need Analysis (DNA) of a Major Widening project of US 62 / Blandville Road from KY 998 to Paducah Information Age Park/McCracken Blvd (MP 7.851 to MP 8.808) in McCracken County, Item Number 1-152.00. Through analysis of the existing roadway geometrics, crash data, site visits, and discussion with the project team, several needs were identified within the project limits. The following were identified as project needs:

There is a collision pattern within the project limits on US62 / Blandville Road.

US62 / Blandville Road has poor roadway geometrics.

The social demand on US62 / Blandville Road is expected to increase with the Fall 2013 opening of McCracken County Consolidated High School, which will cause not only an increase in Traffic/Transportation Demand, but also a Capacity issue.

The purpose of this study is to identify all necessary concerns involved with the major widening of US62 / Blandville Road in order to improve the capacity and reliability of this roadway.

Included in the alternatives were a (1) no build recommendation, (2a) going over the existing roadway and widening to the North to 2 Lanes with Center Turn Lane, (2b) going over the existing roadway and widening to the South to 2 Lanes with Center Turn Lane, (2c) going over the existing roadway and splitting the widening to both the North and South sides equally to widen to 2 Lanes with Center Turn Lane, (3a) going over the existing roadway and widening to the North to 4 Lanes, (3b) going over the existing roadway and widening to the South to 4 Lanes, and (3c) going over the existing roadway and splitting the widening to both the North and South sides equally to widen to 4 Lanes.

After review of the data and discussion with the project team, it was determined that Alternative 2a, 2 Lane w/ Center Turn Lane - North (going over the existing roadway and widening to the North to 2 Lanes with Center Turn Lane), would best address the purpose and need for the project. The estimate for this alternative (\$10.5 million) is well within the funding listed in the current Highway Plan (see phases D, R, U, and C).

| Alt # | Description                       | D (\$SPP  | R (\$SPP  | U (\$SPP  | C (\$SPP  | Total (\$mil) |
|-------|-----------------------------------|-----------|-----------|-----------|-----------|---------------|
| 1     | No Build                          | -         | -         | -         | -         | -             |
| 2 a   | 2 Lane w/Center Turn Lane - North | 1,350,000 | 1,500,000 | 1,000,000 | 6,650,000 | 10,500,000    |
| 2 b   | 2 Lane w/Center Turn Lane - South | 1,350,000 | 2,500,000 | 2,500,000 | 6,750,000 | 13,100,000    |
| 2 c   | 2 Lane w/Center Turn Lane - Split | 1,330,000 | 2,000,000 | 2,250,000 | 6,750,000 | 12,330,000    |
| 3 a   | Widen 4 Lane - North              | 1,650,000 | 2,000,000 | 1,500,000 | 8,050,000 | 13,200,000    |
| 3 b   | Widen 4 Lane - South              | 1,650,000 | 3,000,000 | 4,250,000 | 8,150,000 | 17,050,000    |
| 3 c   | Widen 4 Lane - Split              | 1,600,000 | 2,500,000 | 2,250,000 | 8,250,000 | 14,600,000    |
| -     | Current Hwy Plan Estimated Cost   | 1,500,000 | 2,500,000 | 2,500,000 | 8,400,000 | 14,900,000    |
| -     | Current Pre-Con Estimated Cost    | 1,500,000 | 2,500,000 | 2,500,000 | 8,400,000 | 14,900,000    |

VI. Tables and Exhibits

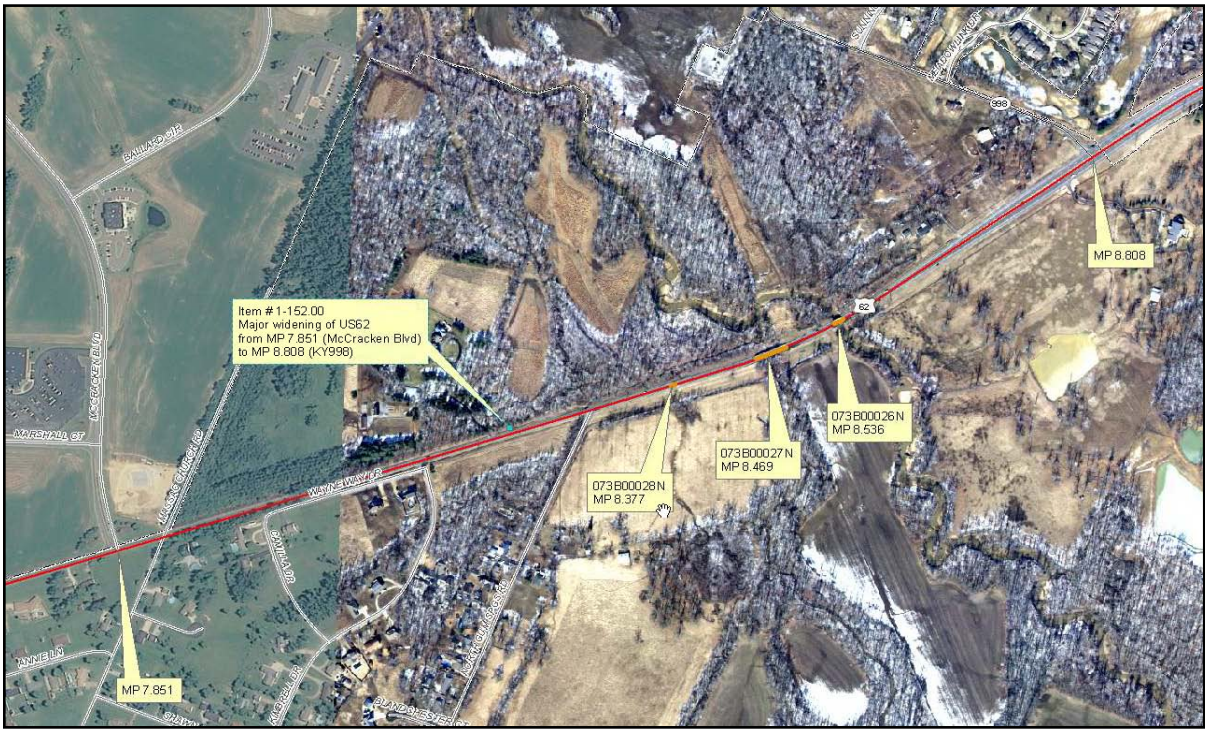


Exhibit 1: Project Location Map

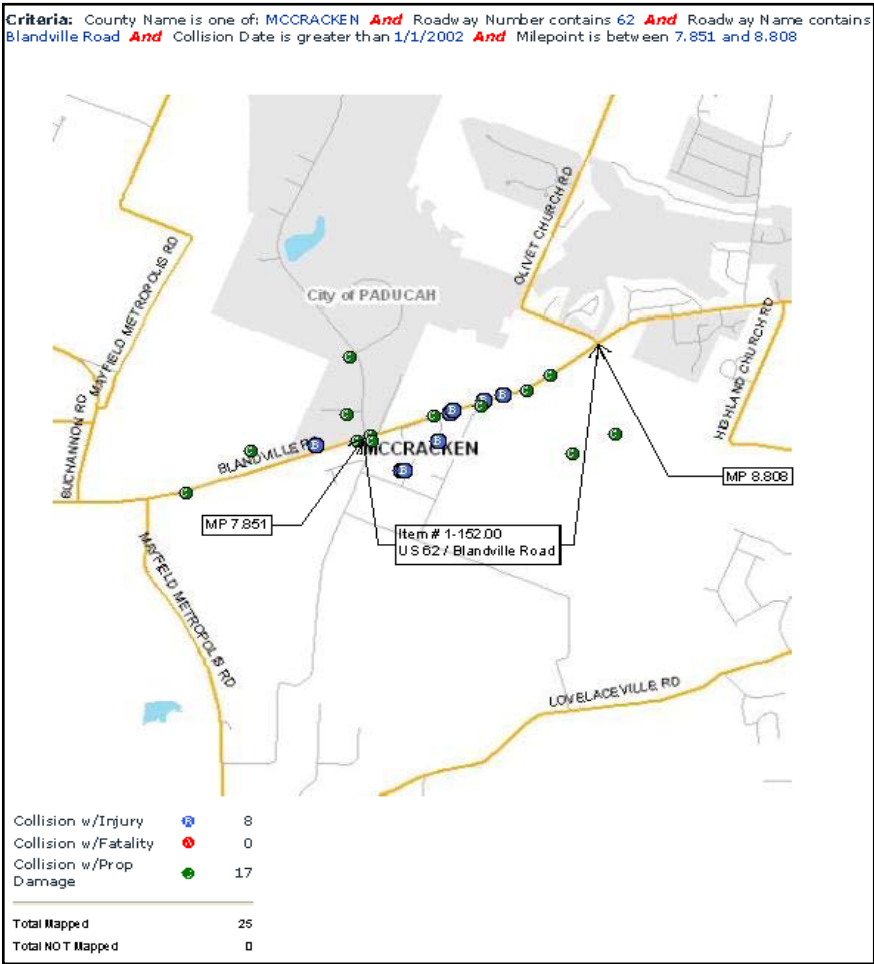


Exhibit 2: Collision Data from Kentucky State Police Database

VI. Tables and Exhibits (cont.)



Exhibit 3: 3 Bridge Locations within Project Limits

Tables

| Table 1: Manners of Collisions |    |
|--------------------------------|----|
| Rear Ends                      | 13 |
| Fixed Object                   | 5  |
| Left Pavement                  | 3  |
| Angled Collision               | 2  |
| Animal                         | 2  |
| Total                          | 25 |

| Table 2: Bridges Effectuated |       |      |
|------------------------------|-------|------|
| BRIDGE #                     | MP    | SR   |
| 073B00026N                   | 8.536 | 64.7 |
| 073B00027N                   | 8.469 | 62.8 |
| 073B00028N                   | 8.377 | 80.5 |

**Helpful Links:**

Projectwise folder containing all DNA Study documents: [Studies](#)

Bridges: 073B00026N [073B00026N - Bridge Report.pdf](#)  
[073B00026N - Bridge Pictures.pdf](#)

073B00027N [073B00027N - Bridge Report.pdf](#)  
[073B00027N - Bridge Pictures.pdf](#)

073B00028N [073B00028N - Bridge Report.pdf](#)  
[073B00028N - Bridge Pictures.pdf](#)

Collision Data: [152 Collision Data.accdb](#)

No Geotech Report: [No Geotech Data.pdf](#)

Traffic Forecast: Not yet available

(A printed version of these documents can be made available to those without Projectwise access.)