

BRIDGE CLOSURE AND REMOVAL STUDY

Mercer County, Pennsylvania

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BRIDGE CLOSURE AND REMOVAL STUDY Mercer County, Pennsylvania

EXECUTIVE SUMMARY

Study Purpose

There are currently 266 county and municipal bridges in Mercer County. As the age of these bridges and the cost of their replacement increases with limited funding available, the County Commissioners recognized the need to comprehensively evaluate the usefulness of each local bridge. By identifying redundant bridges, the county can objectively make decisions about how to prioritize future funding and make decisions whether to replace structurally deficient and functionally obsolete bridges. The purpose is only to identify those bridges that can be removed from the public inventory thereby saving current and future costs. The purpose is not aimed at transferring ownership to other public entities that would not result in a savings of tax dollars.

Process

The evaluation of bridge closures and removal of operationally redundant bridges generally followed the process outlined in Pennsylvania Department of Transportation (PennDOT) Appendix AD to PennDOT Publication 10X, *Design Manual Part 1X, Appendices to Design Manuals 1, 1A, 1B and 1C* with the objective of removing operationally redundant bridges to provide a long-term cost savings without negatively impacting traffic. The PennDOT process states that “Metropolitan Planning Organizations should work with PennDOT districts and local municipalities to develop a list of bridges that are operationally redundant.” The process includes ten steps. Each step provides additional information or evaluation in the screening process.

Implementation and Mitigation

As all candidate bridges for closure had a very low average daily traffic volume of less than 300, it is anticipated that the detour routes identified can sufficiently accommodate the additional traffic. During the period from when the candidate bridge is closed until its removal, a signed detour route will be needed. To accommodate turning vehicles, particularly service vehicles such as snow plows, refuse and delivery vehicles, the truncated portion of each roadway was evaluated for a means of turning around. Depending on the location of the bridge and the need to provide access between it and the next nearest intersecting roadway, turnarounds may not be needed and the remaining roadway segment may be abandoned. The opportunity may also exist for a remaining roadway segment to be provided as an easement for private access in lieu of providing a turnaround.

Public Meeting Presentations

Three public meetings were scheduled per region of the county in December 2014 to present the findings of the evaluation and obtain feedback. A total of 155 individuals signed attendance sheets at these meetings. Questionnaire surveys were distributed and 53 surveys and several letters were

received. Many of the respondents cited concerns with increased emergency response times, school bus routes, access to farms, farm equipment using detour routes and property values. No responses were received on four of the 20 candidate County owned bridges. Two thirds of the responses were in favor of a \$5 per vehicle registration fee in the county to be used for bridge work. During the course of this study, ownership of Bridge 121 along North Maysville Road was transferred to Greene Township and they have replaced the structure with a culvert.

First Responder Feedback

Representatives from six first responders replied. The Jamestown, Sandy Lake and Springfield Fire Departments were opposed to the potential bridge closures in their areas due to concerns about increased response times. The Sheakleyville Fire Department, McGonigle Ambulance Service and Superior Ambulance Service responded that they could adapt to the closures with prior notification.

Priority List of Bridges Recommended for Closure

Upon obtaining information from the county bridge engineer, evaluating the criteria in PennDOT's process for bridge closure, and considering the responses from emergency services and the public meetings, the following three priority levels were established for the potential closure and removal of 19 county owned and 3 municipal owned bridges:

Priority Level 1 - Begin plan preparation for removal within the next year.

Priority Level 2 - Keep bridge in service until remaining life is 5 years or less, then begin plan preparation for removal.

Priority Level 3 - Bridge may need to remain in service for reasons noted. Further discussions with townships recommended.

The bridges within each priority level are specified in **Exhibit 6**.

Next Steps

The results of this study are anticipated to be further evaluated by the Mercer County Commissioners for the remaining 19 county owned candidate bridges for closure.

BRIDGE CLOSURE AND REMOVAL STUDY Mercer County, Pennsylvania

Trans Associates (TA) has completed a study evaluating locally owned bridges in Mercer County Pennsylvania for operational redundancy and recommended closure and removal. The following sections of this report describe: the background and purpose of the study; the bridge redundancy elimination process; initial screening; in-depth screening; implementation and mitigation strategies; public meeting presentations; first responder feedback; priority list of bridges recommended for closure; and next steps.

Background and Purpose of Study

Mercer County Pennsylvania contains 48 municipalities within 683 square miles. Its population according to the 2010 census was 116,638. There are currently 266 county and municipal owned bridges in the County of which 11 are owned solely by municipalities and six others are owned jointly with either other counties or municipalities. The remaining 249 bridges are 100 percent County owned. One municipal bridge and three County bridges are currently closed to traffic. As the age of these bridges and the cost of their replacement increases with limited funding available, the County Commissioners recognized the need to comprehensively evaluate the usefulness of each local bridge. By identifying redundant bridges, the county can objectively make decisions about how to prioritize future funding and make decisions whether to replace structurally deficient and functionally obsolete bridges. The purpose is only to identify those bridges that can be removed from the public inventory thereby saving current and future costs. The purpose is not aimed at transferring ownership to other public entities that would not result in a savings of tax dollars.

Bridge Redundancy Elimination Process

The process to evaluate bridge closure and removal of operationally redundant bridges generally followed the Pennsylvania Department of Transportation (PennDOT) Strike-off Letter (SOL) 482-13-13 dated May 30, 2013. SOL 482-13-13 issued Appendix AD to PennDOT Publication 10X, *Design Manual Part 1X, Appendices to Design Manuals 1, 1A, 1B and 1C*. Appendix AD states that "Removing operationally redundant bridges provides a long-term cost savings without negatively impacting traffic." It also states that "MPOs and RPOs should work with PennDOT districts and local municipalities to develop a list of bridges that are operationally redundant."

The process outlined in Appendix AD includes ten steps. Each step provides additional information or evaluation in the screening process. The information in Step 1, obtaining bridge data, was provided by Mercer County. A brief description of each subsequent step follows.

Step 2: Generate a map using GIS data with the locations of all locally owned bridges showing features such as state and local roads, rivers and creeks, bridge IDs, locations of fire and EMS, and AADTs (annual average daily traffic) classified by color.

Step 3: Evaluate and determine where the area for operationally redundant bridges (county wide) will be implemented.

Step 4: Develop and prioritize an initial list of operationally redundant structures using criteria such as AADT and detour length, structurally deficient (SD) or functionally obsolete (FO) structure, length of dead end road after closure, and any programmed future maintenance.

Step 5: Update the map (from Step 2) showing results from the analysis in Step 4. Indicate on the map those bridges for possible closure and those not possible for closure.

Step 6: Export bridge layers from GIS into an Excel spreadsheet. Work with the county bridge engineer and collect field data for current AADTs, length of dead end streets, maximum length of cul-de-sacs per zoning ordinances, residential and business accesses, number of lanes and roadway width, percent change in travel time with closure, cost of bridge replacement and cost of bridge replacement per vehicle.

Step 7: Evaluate all the factors in determining the selected bridges for potential closure and removal including local or regional traffic, length of dead end street, environmental and right-of-way impacts due to construction such as cul-de-sacs, number of residential and business accesses affected, detour time, number of lanes on bridge and historic status.

Step 8: Perform field views / studies for structures meeting the criteria and selection process verifying economic and residential impacts, traffic data, detour route, number of SD structures on detour route, environmental and right-of-way impacts, and utility impacts.

Step 9: Re-evaluate structures based on field view findings and develop final list of operationally redundant bridges in cooperation with planning partners and the county bridge engineer. Develop mitigation strategies.

Step 10: Perform implementation and mitigation strategies. Present the findings to elected officials, issue a press release and hold public meetings to present a list of operationally redundant bridges, cost savings and mitigation strategies.

Although not included in the scope of this study, Step 10 also includes coordination with PennDOT to develop LPN (Linking Planning and NEPA) screening forms that incorporate mitigation strategies such as installation of a cul-de-sac, closure and detour signage, costs for inspection before the bridge is removed, bridge removal costs, and other construction associated with the bridge removal. The scope of services for this study is included in **Appendix A**.

Initial Screening (Steps 1 - 5)

This section describes the effort through Step 5 of the bridge redundancy elimination process.

The county bridge engineer provided a spreadsheet and GIS information for 266 County and local bridges. Currently, 4 of those bridges are closed to traffic. The spreadsheet and GIS files contained extensive information for each bridge including the following:

- Bridge Number
- BMS ID
- Location / Roadway Carried
- Year Built
- Owner
- Feature Intersected
- Average Daily Traffic (ADT)
- Average Daily Truck Traffic (ADTT)
- Structure Type
- Structure Length
- Weight Limit
- Last Inspection Date
- Sufficiency Rating
- SD / FO

A complete listing of the local bridge data is included in **Appendix B**.

Step 2 involved generating a map using the GIS data with the locations of all 266 County and locally owned bridges showing features such as state and local roads, rivers and creeks, bridge IDs, locations of fire stations, EMS and police, agricultural areas, and ADTs (average daily traffic) classified by color. The locations of fire stations, EMS, police and agricultural areas were obtained by TA from the county. In addition, bridge closures that would result in a greater than five mile detour are noted. This map is included as **Exhibit 1**. It is noted that only 33 bridges have an ADT of 500 or more according to County data that is from 2012-2014.

As stated in the Process section under Step 3, the area in which operationally redundant bridges will be implemented is county wide.

Step 4 involved the development and prioritization of an initial list of operationally redundant structures based on the following criteria:

- AADT < 200 and detour length < 5 miles
- AADT \geq 200 and < 500 and detour length < 2 miles
- Structure is SD of FO
- Structure is already posted
- Year Built
- Length of dead end road (after closure) measured from both sides of the bridge
- EMS Network does not utilize the structure
- Programmed future maintenance was either previously completed, is scheduled, and the length of any associated construction (< 1 mile) and the right-of-way footprint

This step involved screening the 266 bridges with the aforementioned information for bridges with ADTs of less than 500. Detour routes were formulated using the shortest distance routes via public roads. There are currently 7 functionally obsolete and 52 structurally deficient bridges. Bridges meeting one of these criterion continued to be considered for removal. These bridges were then evaluated based on remaining life. Bridges with less than or equal to 20 years of remaining life were considered for removal.

These remaining bridges were analyzed based on their locations to each other, as well as their locations to EMS stations, fire stations, police stations, hospitals and public schools. Bridges located on a parallel or detour route to another bridge considered for removal were eliminated from consideration. Bridges that could conflict with emergency routes were also eliminated from further consideration. The remaining 24 bridges are being considered for further study.

An additional two bridges, Bridge No. 1605 along Steckler Road and Bridge No. 1606 along Hutchinson Road in Lake Township, may also be considered for removal. They are located on routes truncated by an industrial work (H & H Materials), and Bridge No. 1605 can no longer be used for through traffic. While removal of the bridges may eliminate access to the industrial area, the bridges may be considered for private ownership.

Based on the aforementioned criteria, 26 candidate bridges were selected for operational redundancy. All but three of these bridges are rated either FO or SD and those three have posted weight limits. Twelve of the SD or FO bridges have posted weight limits. No detours are longer than 5 miles with most less than 3 miles. The bridges selected in this initial screening are as follows:

Bridge No.	Location	Bridge No.	Location
121	North Maysville Road, Greene Township	1503	Furnace Road, Fairview Township
124	Murphy Road, Greene Township	1517	Schrader Road, Fairview Township
199	West County Line Road, Greene Township	1605	Steckler Road, Lake Township
204	Gardner Hill Road, Sugar Grove Township	1606	Hutchinson Road, Lake Township
250	Calvin Road, Sugar Grove Township *	1703	Lacock Street, Sandy Lake Borough
311	Cherry Hill Road, Salem Township	1850	Huron Street, S. Pymatuning Township
399	Fritz Road, Salem Township	2207	Jack Road, Worth Township
811	Scott Road, Hempfield Township	2329	Wengler Avenue, City of Sharon
950	Williamson Road, Otter Creek Township	2718	E. Gilmore Road, Wolf Creek Township
1017	Yeager Road, Perry Township	2805	Heasley Road, Shenango Township
1201	Crouser School Road, Mill Creek Township	3011	N. Spring Road, Springfield Township
1207	Crystal Spring Road, Mill Creek Township	3101	Pinchlong Road, Pine Township
1412	Pew Road, Delaware Township	7001	Orr Road, Coolspring Township

* This bridge already closed.

For Step 5, the map from Step 2 was updated showing results from the analysis in Step 4. This map is included as **Exhibit 2**, which indicates those bridges for possible closure shown in red and those not possible for closure shown in green.

In-Depth Screening (Steps 6 - 9)

This section describes the effort from Step 6 through Step 9 of the bridge redundancy elimination process.

In Step 6 the initial list of bridges for possible closure from Step 5 was further evaluated with information from the county bridge engineer and data collected by TA. The county bridge engineer indicated that the following bridges are under contract for rehabilitation that would remove them from the SD ranking:

Bridge No.	Location
399	Fritz Road, Salem Township
1517	Schrader Road, Fairview Township
2718	E. Gilmore Road, Wolf Creek Township

Therefore, these three bridges were removed from the candidate list and additional information was collected on the 23 remaining candidate bridges. A description of the additional information is as follows:

- Current ADTs. Although ADTs were provided by the county, some of the data was up to two years old. TA collected ADTs at all candidate bridge locations in September 2014.
- Length of dead end streets. The length of the dead end street as a result of the bridge closure was measured from both sides of the bridge.
- Maximum length of cul-de-sacs per Subdivision and Land Development Ordinance (SALDO). Only three municipalities in which the candidate bridges are located have SALDOs that specify maximum cul-de-sac length. Elsewhere the county provisions for 1,000 foot maximum length of cul-de-sac would apply. Since elimination of a bridge would not constitute a subdivision, it is the County planner's interpretation that maximum cul-de-sac length would not apply since it would not be considered an activity that falls under those requirements. It is also interpreted that the dimensional requirements of a cul-de-sac would not apply since bridge closure/elimination would not need to adhere to the SALDO.
- Residential and business access points. A field inventory of the number of accesses to residences, farms, gas wells and businesses was performed by TA.
- The historic significance of each bridge was provided by the county.
- Lane count and roadway width. This information was provided by the county and field verified by TA.
- Percent change in travel time with closure. TA performed travel time studies for each candidate bridge for closure using the assumed detour route and via the existing route. The formula for percent change in travel time as provided in Appendix AD is:

$$[(\text{Detour Time}/\text{Normal Travel Time})-1] \times 100\%$$

- Sidewalks. The presence of sidewalks was noted in the field by TA.
- Are utilities carried by or crossed by the bridge? This information was provided by the county and field verified by TA. One candidate bridge carries utilities.
- Is the bridge over a railroad? There is only one candidate bridge over a railroad.

- Define function of the road. Based on the number of access points and ADT, all roads were considered local.
- Flooding / road closure of either the route the candidate bridge is on or the detour route. The county and MPO were queried and there is no known recurrent flooding issue with all but one candidate bridge.
- Scour Critical Bridge Indicator. This information was provided by the county. TA also verified the scour critical category from PennDOT GIS data.
- Cost of bridge replacement. This was calculated in accordance with Appendix AD as follows:

$$[\text{Length} \times \text{Width (24 feet minimum)}] \times \$650 \text{ per square foot}$$
- Cost of bridge replacement per vehicle. Calculated by dividing the cost of replacing the bridge by the ADT.

The attributes of the bridges considered for closure are included in **Appendix C**.

Step 7 involved evaluating all the factors and information in Step 6 to determine the selected bridges for potential closure and removal. In addition, environmental impacts and right-of-way acquisition as a result of closure were reviewed in a cursory manner.

For the environmental impacts, readily available data from the Pennsylvania Spatial Data Access (PASDA) and the Mercer County Natural Heritage Inventory was researched. This evaluation is not intended to be complete as completion of Linking Planning and NEPA (LPN) forms was not part of this scope.

Right-of-way acquisition was considered for the purposes of constructing cul-de-sacs or turnarounds for each truncated roadway, as needed. The American Association of State Highway and Transportation Officials (AASHTO) *A Policy On Design of Highways and Streets 2011* provides minimum dimensions for design vehicles for types of cul-de-sacs and dead end streets. Each location was evaluated for the type of turnaround that would result in minimal grading or disturbance. Three types of turnarounds were considered, those being symmetrical and offset cul-de-sacs, and branch type turnarounds for topographically constricted locations. The right-of-way footprint to accommodate these turnarounds was assumed to be 10 feet outside of the paved area. More information on AASHTO turnaround dimensions and assumed right-of-way footprints is included in **Appendix D**. A 60 foot diameter cul-de-sac can accommodate a passenger vehicle (AASHTO P design vehicle) and a single unit (AASHTO SU design vehicle) truck performing a three point turn. For some of the locations, 90 foot diameter cul-de-sacs were assumed for the ability to turn around 50 foot wheelbase (AASHTO WB-50 design vehicle) tractor trailers. At topographically restricted locations where turning larger vehicles is not anticipated, branch type turnarounds with a total offset of 50 feet would provide the ability to turn around single unit trucks.

A summary of the information evaluated in Step 7 for the 23 remaining candidate bridges is provided in **Exhibit 3**. This exhibit includes: ADTs collected by TA in September 2014; whether the traffic is considered local or regional; whether the bridge is structurally deficient or functionally obsolete; potential environmental and right-of-way impacts due to construction of turnarounds; length of the dead end street resulting from closure; number and type of accesses affected; historical significance of each bridge; number of lanes; percent increase in detour time; presence of sidewalks, utilities and railroads; whether there is a potential for flooding on detour routes; scour category; age; and replacement cost of each bridge.

The Director of the Mercer County Department of Public Safety (MCDPS) was also contacted and provided information on each candidate bridge and detour for input on the impacts to EMS, police and fire response times. The MCDPS in turn contacted all emergency responders and coordinators in the areas potentially affected to provide their input in the process. The responses received are reported later in this study.

Step 8 of the process included field views of each bridge meeting the criteria and selection process, verifying economic and residential impacts, traffic data, detour route, number of SD structures on the detour route, environmental and right-of-way impacts, and utility impacts. Detour routes as well as affected accesses and any SD bridges on the detour routes are presented on **Exhibits 4A through 4W**. In addition, impacts that were not identified in previous steps include the annual inspection costs for each bridge which amount to \$1,113 per bridge, except for Bridge 7001, Orr Road, which is \$1,853. Mercer County also spends an average of \$370 on routine maintenance activities at each bridge prior to each inspection.

For Step 9, re-evaluate structures based on field view findings and develop final list of operationally redundant bridges, a meeting with the Mercer County bridge engineer and representatives of the Mercer County Regional Planning Commission was held in which the final list of bridges for potential closure was verified as those 23 structures identified in Steps 7 and 8. It is noted that the following bridges are either solely owned by the municipality or jointly owned by the County and municipality or another County and will therefore be the either the municipality's decision or a consensus between their owners on their closure:

Bridge	Owner(s)
Bridge 199 W County Line Road	Mercer County & Crawford County
Bridge 250 Calvin Road over Bluff Run	Sugar Grove Township
Bridge 950 Williamson Road over Branch of Little Shenango	Otter Creek Township
Bridge 1850 Huron Street over Chestnut Run	South Pymatuning Township
Bridge 7001 Orr Road over CNRR	Mercer County & Coolspring Township

Step 9 also includes mitigation strategies for each bridge recommended for closure. These are discussed in the following section.

Implementation and Mitigation Strategies

As part of Step 9 and Step 10, implementation and mitigation strategies were developed. As all bridges had a very low ADT of less than 300, it is anticipated that the detour routes identified can sufficiently accommodate the additional traffic. As noted in the public meeting process discussed later in this report, the detours of at least three of the bridges, 124, 204 and 7001, had concerns expressed about the adequacy of the detour route in terms of accommodating farm equipment and larger vehicles. During the period from when the candidate bridge is closed until its removal, a signed detour route will be needed. Such detour signing should adhere to the Federal Highway Administration *Manual On Uniform Traffic Control Devices 2009 Edition* (MUTCD) Figure 6H-20, Detour for a Closed Street. See **Appendix E**.

To accommodate turning vehicles, particularly service vehicles such as snow plows, refuse and delivery vehicles, the truncated portion of each roadway was evaluated for a means of turning around. As previously referenced, three types of turnarounds were considered, those being symmetrical and offset cul-de-sacs, and branch type turnarounds per AASHTO's *A Policy On Design of Highways and Streets 2011*. For the purposes of this evaluation, turnarounds were assumed to accommodate single unit trucks and would require at least one backing maneuver. Each location was evaluated for the type of turnaround that would result in minimal grading or disturbance. After receiving input at the public meetings, several of the cul-de-sacs were increased in diameter to accommodate tractor trailers used during harvest season or for deliveries. Depending on the location of the bridge and the need to provide access between it and the next nearest intersecting roadway, turnarounds may not be needed and the remaining roadway segment may be abandoned. The opportunity may also exist for a remaining roadway segment to be provided as an easement for private access in lieu of providing a turnaround. Conceptual plans of the type and location of turnaround for each candidate bridge are provided on **Exhibits 5A through 5W**.

Public Meeting Presentations

As part of Step 10, public meetings were conducted to present the findings of this evaluation to elected officials and affected property owners/public. A press release was prepared and issued, and 179 invitation letters were sent to County and local officials, school districts and property owners who own property along roadways affected by the 20 candidate County owned bridges. A copy of the press release and a sample invitation letter is included in **Appendix F**. The meetings were scheduled per region of the County covering the candidate bridges as follows:

- Northwest: Thursday December 4, 2014 at the Reynolds VFW
Bridges 121, 124, 199, 204, 250, 311, 811, 950, 1017 and 1850
- Northeast: Tuesday December 9, 2014 at the Sandy Lake Borough Building
Bridges 1201, 1207, 1503, 1605, 1606 and 1703
- South/Central: Thursday December 11, 2014 at the Mercer County Courthouse
Bridges 1412, 2207, 2329, 2805, 3011, 3101 and 7001

Meetings with the public officials were scheduled at 6:30 PM and the public meetings were scheduled for 7:30 PM. Exhibits 1 through 4 from this study were presented at the meetings along with an explanation from the county bridge engineer pertaining to funding and an explanation by TA on the study process. In addition, questionnaire surveys were available for participants to provide feedback. A copy of the survey is included in **Appendix G**. Sign in sheets were provided for each meeting and copies of those sheets are provided in **Appendix H**.

The following is a summary of each meeting and responses from the questionnaire survey.

December 4, 2014 at the Reynolds VFW Attendance: 48 signed in		
Bridge	Questionnaires Received	Concern / Comment
121	1	Concern for school age children / farming operation
124	2	Concern about detour and farm equipment access / detour is on a steep road with concerns about icing and washouts
199	5	School bus routes / mail carrier routes / farm machinery on detour route / EMS response times / property values
204	3	Farm equipment on detour route
811	4	School buses on detour route / marketing of property by Greenville Reynolds Development Corp / farming operations / landlocked if rail crossing is blocked
950	1	Could a culvert replace the bridge
1850	1	Supports elimination of bridge

In addition, a comment about providing a cul-de-sac of sufficient size to accommodate tractor trailers that are used during harvest season was noted for Bridge 204 during the meeting.

No comments or questionnaires were received on Bridges 250, 311 or 1017.

During the course of this study, ownership of Bridge 121 along North Maysville Road was transferred to Greene Township and they have replaced the structure with a culvert.

December 9, 2014 at the Sandy Lake Borough Building Attendance: 55 signed in		
Bridge	Questionnaires Received	Concern / Comment
1201	2	Winter school bus route / lack of farm access
1207	3	Decreased property values / restricted service by access vehicles / farming operations
1503	14	Business deliveries / school bus routes / safety for Amish community on detour / EMS response time / extra time and work for horse travel / access to Amish school and cemetery
1703	1	Effect on library / church parking lot / Tobey's Pizza / safety issues with detour route particularly sight distance

In addition to the questionnaire surveys received, a letter from the Lakeview School District was received expressing various concerns related to transportation costs and travel time in transporting

students as well as the safety of some of the detour routes. Bridges specifically mentioned were Bridges 1503 and 1201.

A business owner (H & H Materials – David Hoobler) expressed an interest in purchasing Bridge 1605 since the township has now abandoned the road. He also spoke after the meeting about buying Bridge 1606 although he was not sure how it would work since the township would still need to plow it.

A comment about providing a cul-de-sac of sufficient size to accommodate tractor trailers for business deliveries and that are used during harvest season was noted for Bridge 1503 during the meeting.

December 11, 2014 at the Mercer County Courthouse Attendance: 52 signed in		
Bridge	Questionnaires Received	Concern / Comment
1412	4	Safety / additional miles travelled for detour / decreased property values / seasonal traffic due to Camp Nazareth activities and events / access to new business
2805	2	Police protection / emergency response time / reduced property values / provisions for vehicles turning around
3011	6	Emergency service response time / safety of Amish / farm equipment access / property values / additional miles and fuel consumption
3101	1	Emergency vehicle response time / snow plow routes
7001	4	Detour route has insufficient vertical clearance for farm equipment / Township (50 percent owner) expressed they would like to keep the bridge open

In addition, a representative of Camp Nazareth spoke at length at the meeting about their concerns of eliminating Bridge 1412 including much higher seasonal traffic due to camp activities and events. They indicated the route could be inaccessible at times due to frequent washouts in the spring and icing in the winter which would make it difficult if not impossible for emergency services to get to the camp. They expressed safety concerns for the children at the camp in these situations.

Two letters were received for Bridge 2805 in support of the bridge removal.

Springfield Volunteer Fire Department also provided a letter detailing the additional mileage and travel time if Bridge 3011 were closed.

No comments or questionnaires were received on Bridges 2207 or 2329.

The survey included a question asking the public's position on enacting a \$5 per vehicle registration fee for vehicles registered in Mercer County as permitted under Act 89 with the funds to be used for bridge work. Of the 53 questionnaires received, 33 were in favor and 17 were opposed to enacting such a fee, and 3 were left blank.

First Responder Feedback

As part of Step 7, input was requested from first responders through the Mercer County Department of Public Safety (MCDPS) on November 14, 2014 regarding the impacts to EMS, police and fire response. Initially, no responses were received. The MCDPS subsequently sent out a second inquiry via email as follows:

“On November 14th, at 1153 a.m., we sent an e-mail to all affected responders about potential bridge closures in your area that could possibly have a negative impact on your response times. We asked that you provide us a response and to copy the consultant as well. To date, we have not received any responses...and the public meetings have now been completed. We ask that you review the attachments immediately and send us any pertinent information as quickly as possible. The County Commissioners need to have information on any potential issues while deciding whether or not to take the final action to close the bridge. If we do NOT hear from you, we will assume that you do not feel that the potential bridge closure would have any impact on your response time. Please contact us at your earliest convenience with any information you wish to provide on this subject. Thank you. “

Representatives from six first responders replied as follows.

The Jamestown Volunteer Fire Department was opposed to the closure of the three bridges in their district due to increased response times, the inability of establishing a good directional flow pattern for tanker shuttles and the possibility of having to turn fire trucks around in residential driveways.

The Sheakleyville Fire Department did not foresee any problems that could not be worked through.

McGonigle Ambulance Service had no issue with the bridge closings so long as they receive the details prior to each closing.

Superior Ambulance Service responded that they have four bridges in their immediate area: 2207, 3011, 3101 and 7001. They stated that they could adapt to situations so long as the public understands that some response times may increase. (It was interpreted from this response that the closings were not permanent)

Sandy Lake Borough Council, Police and Fire Department are opposed to the closure of Bridge 1703 due to concerns about one way in and out of Lacock Street. Also, this road is used to avoid using Mill Street and pulling out onto Route 173 or Dunn Street onto Route 62. Both of these streets offer limited visibility to oncoming traffic which is traveling at higher rates of speed.

The Springfield Township Volunteer Fire Department responded that the removal of Bridge 3011 is not in the best interest of the residents on North Spring Road due to increase in response times and distance to a hydrant water supply. They provided the additional time and distances in a letter.

Priority List of Bridges Recommended for Closure

Upon obtaining information from the county bridge engineer, evaluating the criteria in PennDOT’s process for bridge closure, and considering the responses from emergency services and the public meetings, the following three priority levels were established for the potential closure and removal of 19 county owned and 3 municipal owned bridges:

Priority Level 1 - Begin plan preparation for removal within the next year.

Priority Level 2 - Keep bridge in service until remaining life is 5 years or less, then begin plan preparation for removal.

Priority Level 3 - Bridge may need to remain in service for reasons noted. Further discussions with townships recommended.

The bridges within each priority level are specified in **Exhibit 6** along with key information such as ownership of the bridge, remaining life, whether there is a posted weight limit and other considerations. The following eight bridges are categorized as Priority Level 1 including one bridge owned jointly with Crawford County and two township owned bridges:

• 199 W County Line Rd, Greene Township*	• 1605 Steckler Rd, Lake Township
• 311 Cherry Hill Rd, Salem Township	• 1850 Huron St, S Pymatuning Township**
• 950 Williamson Rd, Otter Creek Township**	• 2329 Wengler Ave, City of Sharon
• 1017 Yeager Rd, Perry Township	• 2805 Heasley Rd, Shenango Township

* Owned jointly by Mercer County and Crawford County.

** Township owned bridge.

The following seven bridges are categorized as Priority Level 2:

• 124 Murphy Rd, Greene Township	• 1703 Lacock St, Sandy Lake Borough
• 1201 Crouser School Rd, Mill Creek Township	• 2207 Jack Rd, Worth Township
• 1207 Crystal Spring Rd, Mill Creek Township	• 3101 Pinchalong Rd, Pine Township
• 1606 Hutchinson Rd, Lake Township	

The following six bridges are categorized as Priority Level 3 including one bridge owned jointly with a municipality:

• 204 Gardner Hill Rd, Sugar Grove Township	• 1503 Furnace Rd, Fairview Township
• 811 Scott Rd, Hempfield Township	• 3011 N Spring Rd, Springfield Township
• 1412 Pew Rd, Delaware Township	• 7001 Orr Rd, Coolspring Township*

* Owned jointly by Mercer County and Coolspring Township.

Due to considerations such as the suitability of detour routes, particularly by farm equipment and larger vehicles, and the impact of the neighboring community, the six Priority Level 3 bridges may

need to remain in service or be considered for replacement. All of the Priority Level 3 bridges currently have at least 10 years of remaining life.

In addition to the prioritized level bridges, Bridge 121 along North Maysville Road in Greene Township was recently transferred ownership to the Township and it has been replaced by a culvert. Also, Bridge 250 along Calvin Road in Sugar Grove Township was closed before the start of this study. Therefore, neither of these bridges was given a priority rating.

Next Steps

The results of this study are anticipated to be further evaluated by the Mercer County Commissioners for the remaining 19 county owned candidate bridges for closure. The three municipal owned candidate bridges for closure will be their respective owner's decision.

EXHIBITS

FILE NAME: P:\merc00\14154\Bridges_Microstation_Files\Exhibit 1.C1.EAR.dwg PLOTTED: 1/21/2015

Legend

Mercer Bridge List

ADT

- 0 - 99
- 100 - 199
- 200 - 499
- ≥ 500
- Detour < 5
- Local Roads

State Roads

CUR_AADT

- 0 - 99
- 100 - 199
- 200 - 499
- ≥ 500

- EMS Station
- Fire Departments
- Police Departments
- Hospitals
- Public Schools
- Streams
- Coolspring_Ag_Areas
- DeerCreek_Ag_Areas
- Findley_Ag_Areas
- FrenchCreek_Ag_Areas
- Hempfield_Ag_Areas
- Jackson_Ag_Areas
- Jefferson_Ag_Areas
- Lackawannock_Ag_Areas
- Lake_Ag_Areas
- Liberty_Ag_Areas
- MillCreek_Ag_Areas
- NewVernon_Ag_Areas
- Pine_Ag_Areas
- Salem_Ag_Areas
- Shenango_Ag_Areas
- SouthPymatuning_Ag_Areas
- Springfield_Ag_Areas
- SugarGrove_Ag_Areas
- West_Salem_Ag_Areas
- Wilmington_Ag_Areas
- WolfCreek_Ag_Areas
- Pa Active Railroads 1996
- Pa Inactive Railroads 1996



SCALE: N.T.S.

Transportation Solutions for Today and Tomorrow
 Twin Towers Suite 400 /4955 Steubenville Pike
 Pittsburgh, Pennsylvania 15205 / (412) 490-0630

PROJECT NO.	merc00 - 14154
PROJECT:	MERCER COUNTY BRIDGE CLOSURE STUDY
TITLE:	MAP OF LOCAL BRIDGES INCLUDED IN STUDY

EXHIBIT	1
D.B.	MJY
C.B.	REG
REV.	

FILE NAME: P:\mercer00\14154\Bridges_Microstation_Files\Exhibit_2_CLE_AR.dgn

PLotted: 1/21/2015

Legend

- Possible for Closure
- Not Possible for Closure
-  EMS Station
-  Fire Departments
-  Police Departments
- Local Roads
- State Roads**
- CUR_AADT**
- 0 - 99
- 100 - 199
- 200 - 499
- >= 500
-  Hospitals
-  Public Schools
- Streams
- Coolspring_Ag_Areas
- DeerCreek_Ag_Areas
- Findley_Ag_Areas
- FrenchCreek_Ag_Areas
- Hempfield_Ag_Areas
- Jackson_Ag_Areas
- Jefferson_Ag_Areas
- Lackawannock_Ag_Areas
- Lake_Ag_Areas
- Liberty_Ag_Areas
- MillCreek_Ag_Areas
- NewVernon_Ag_Areas
- Pine_Ag_Areas
- Salem_Ag_Areas
- Shenango_Ag_Areas
- SouthPymatuning_Ag_Areas
- Springfield_Ag_Areas
- SugarGrove_Ag_Areas
- West_Salem_Ag_Areas
- Wilmington_Ag_Areas
- WolfCreek_Ag_Areas
-  Pa Active Railroads 1996
-  Pa Inactive Railroads 1996



SCALE: N.T.S.




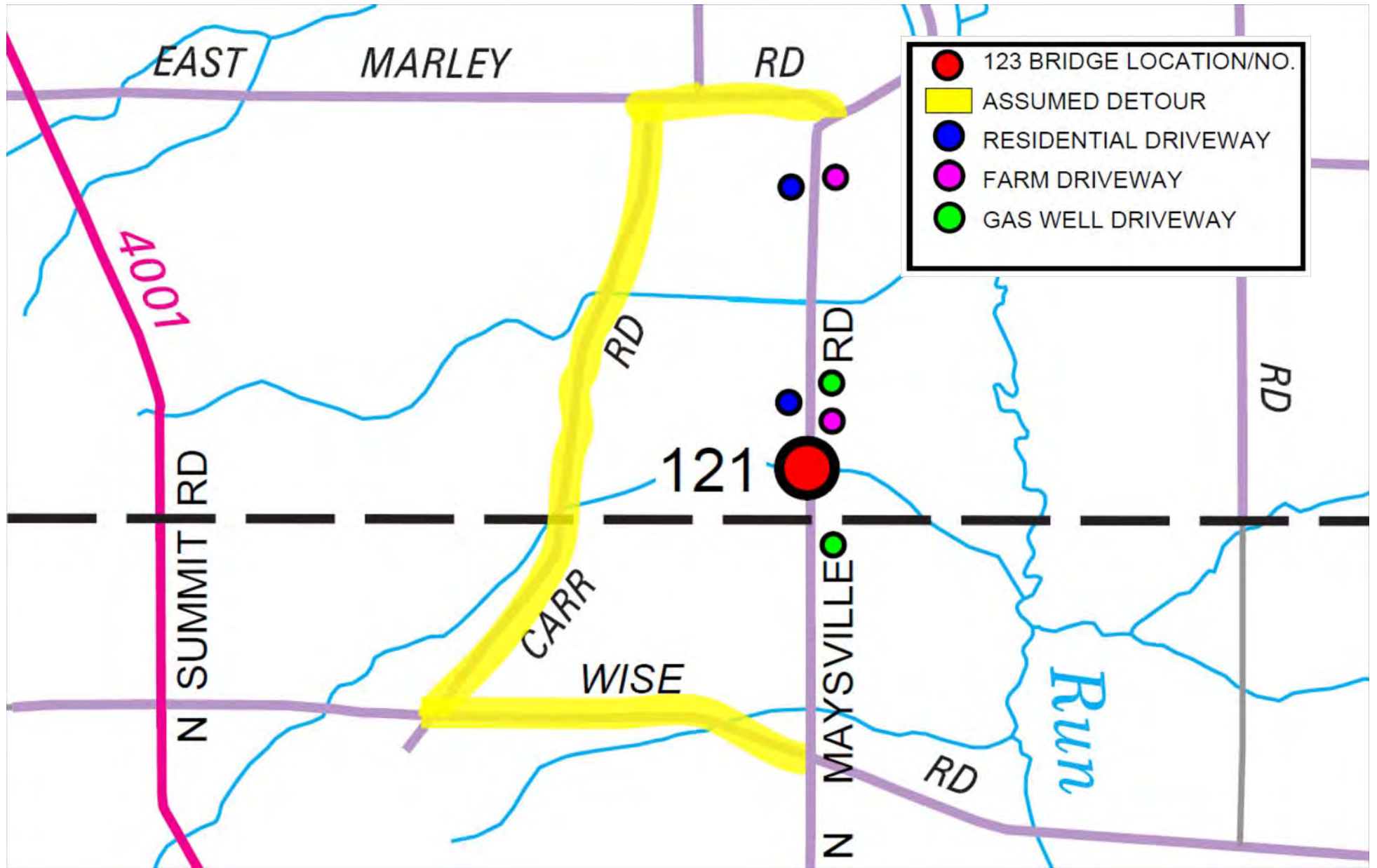
Transportation Solutions for Today and Tomorrow
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PROJECT NO.	merce00 - 14154	EXHIBIT
PROJECT:	MERCER COUNTY BRIDGE CLOSURE STUDY	2
TITLE:	MAP OF POSSIBLE BRIDGES FOR CLOSURE	
	D.B. <u> MJJ </u>	
	C.B. <u> REG </u>	
	REV. <u> </u>	

Bridge Number	Location	ADT (9/2014)	Local or Regional Traffic?	Can Traffic Be Accommodated on Detour Route?	Structurally Deficient or Functionally Obsolete?	Environmental Impacts to Natural, Cultural & Socioeconomic Resources (4)	Type of Turnaround(s) Assumed(7)	Approximate Right-of-Way Footprint for Acquisition (sq. ft.) (8)	Length of Dead End Street (ft) North/East	Length of Dead End Street (ft) South/West	Municipal SALDO Requirement Max. Cul De Sac Length (ft)	County SALDO Requirement Max. Cul De Sac Length (ft)	Residential Access Points Affected	Gas Well Access Points Affected	Farm / Field Access Points Affected	Business Access Points Affected	Historically Significant?	Bridge Roadway Width (ft)	Number of Lanes	Percent Increase in Travel Time	Sidewalks	Utilities	Railroad Presence	Roads Within Vicinity of Bridge Typically Closed Due to Flooding	Scour Critical	PennDOT Scour Category	Age of Bridge (years)	Cost of Replacing Bridge	Cost per Vehicle
121	N Maysville Rd, Greene Twp (1)	70	L	Y	SD		2-C	4,800	2,028	2,700	None	1,000	2	2	2		N	0	2	95	N		No		8		34	\$93,600	\$1,337
124	Murphy Rd, Greene Twp	128	L	Y	SD		1-O	3,200	2,175	20	None	1,000	2	1	1		N	15	1	322	N		No		2		51	\$358,800	\$2,803
199	W County Line Rd, Greene Twp	201	L	Y	SD		1-C	2,400	7,180	1,210	None	1,000	8	3	2		N	18	2	187	N		No		8		42	\$655,200	\$3,260
204	Gardner Hill Rd, Sugar Grove Twp	29	L	Y			2-C	11,800	2,625	905	None	1,000	6	1	2		N	18.5	2	363	N		No		3	B	80	\$405,600	\$13,986
250	Calvin Rd, Sugar Grove Twp(2)(3)	(2)	L	Y	SD		1-O	3,200	925	350	None	1,000	1				N	11.7	1	N/A	N		No		3		114	\$514,800	N/A
311	Cherry Hill Rd, Salem Twp	51	L	Y	SD		2-C	4,800	2,370	2,710	None	1,000	6	1	1		N	17	1	211	N		No		6		83	\$234,000	\$4,588
811	Scott Rd, Hempfield Twp	143	L	Y	SD		1-B/1-C	3,650	985	3,065	None	1,000	2	3	1		N	24	2	86	N		No		3	B	57	\$530,400	\$3,709
950	Williamson Rd, Otter Creek Twp(3)	35	L	Y	SD		1-C	2,400	3,260	910	None	1,000	5				N	24	2	42	N		No		7		80	\$436,800	\$12,480
1017	Yeager Rd, Perry Twp	36	L	Y	SD		2-B	2,500	530	1,530	None	1,000	2	1			N	24	2	253	N		No		3	C	53	\$530,400	\$14,733
1201	Crouser School Rd, Mill Creek Twp	56	L	Y	FO		2-O	6,400	1,125	770	None	1,000	2				N	16.2	1	374	N		No		3	B	106	\$390,000	\$6,964
1207	Crystal Spring Rd, Mill Creek Twp	11	L	Y		(5)(6)	2-O	6,400	285	7,700	None	1,000	5	1	3		N	28	2	121	N		No	Possible	3	B	49	\$436,800	\$39,709
1412	Pew Rd, Delaware Twp	48	L	Y	SD		1-B	1,250	8,130	140	None	1,000	3		1		N	18	2	9	N		No		8		87	\$124,800	\$2,600
1503	Furnace Rd, Fairview Twp	95	L	Y	SD		1-C/1-O	8,700	2,555	3,970	None	1,000	5	1	1		N	18	2	131	N		No		6		82	\$218,400	\$2,299
1605	Steckler Rd, Lake Twp	23	L	Y	SD		None	0	50	105	None	1,000					N	16	1	1,140	N		No		3	B	114	\$421,200	\$18,313
1606	Hutchinson Rd, Lake Twp	33	L	Y			2-O	6,400	2,670	3,670	None	1,000	3	1			N	30	2	56	N		No		3	C	49	\$487,500	\$14,773
1703	Lacock St, Sandy Lake Boro	226	L	Y	SD		2-O	6,400	630	160	County	1,000	15			1	N	30	2	51	Y		No		3	C	43	\$1,521,000	\$6,730
1850	Huron St, S. Pymatuning Twp(3)	17	L	Y	SD		1-O	3,200	330	1,330	600	N/A	2				N	22.1	2	25	N		No		3	B	117	\$452,400	\$26,612
2207	Jack Rd, Worth Twp	39	L	Y	FO		2-C	4,800	825	3,400	None	1,000	1		1		N	17	1	266	N		No		3	B	76	\$561,600	\$14,400
2329	Wengler Ave, City of Sharon	265	L	Y	SD		1-O	3,200	50	235	None	1,000	2				N	30	2	536	Y	Yes	No		3	B	85	\$526,500	\$1,987
2805	Heasley Rd, Shenango Twp	95	L	Y	SD		1-O/1-B	4,450	4,490	6,845	1,000	N/A	22	1	1		N	20.5	2	17	N		No		7		92	\$343,200	\$3,613
3011	N. Spring Rd, Springfield Twp	102	L	Y	SD		1-O	3,200	4,100	340	1,000	N/A	5	2	2		N	18	2	253	N		No		3	B	92	\$421,200	\$4,129
3101	Pinchalong Rd, Pine Twp	173	L	Y	FO		1-C/1-O	5,600	2,575	1,715	None	1,000	6	2	2		N	18	2	212	N		No		3	B	92	\$421,200	\$2,435
7001	Orr Rd, Coolspring Twp	79	L	Y	SD		2-O	6,400	5,170	2,700	None	1,000	11	2	6		N	23.8	2	101	N		Yes		N/A		96	\$1,996,800	\$25,276

- (1) The municipality has taken ownership of this structure and replaced it.
- (2) Bridge is closed.
- (3) These are township owned bridges. As such, the municipality will have the final decision on their closure.
- (4) Environmental impacts identified represent a cursory effort based readily available PASDA and Mercer County Natural Heritage Inventory information. LPN forms not completed.
- (5) Potential impact to high quality stream.
- (6) Biological diversity area (Urey Swamp).
- (7) C=Cul-de-sac O=Offset cul-de-sac B=Branch
- (8) Assumed for turnaround along truncated road(s). See Appendix E for details.

 <p>Transportation Solutions for Today and Tomorrow Twin Towers Suite 400 /4955 Steubenville Pike Pittsburgh, Pennsylvania 15205 / (412) 490-0630</p>	PROJECT NO. merce00 - 14154	EXHIBIT
	PROJECT: MERCER COUNTY BRIDGE CLOSURE STUDY	3
	TITLE: SUMMARY OF EVALUATION OF BRIDGES CONSIDERED FOR CLOSURE	D.B. <u> MJY </u> C.B. <u> REG </u> REV. <u> </u>



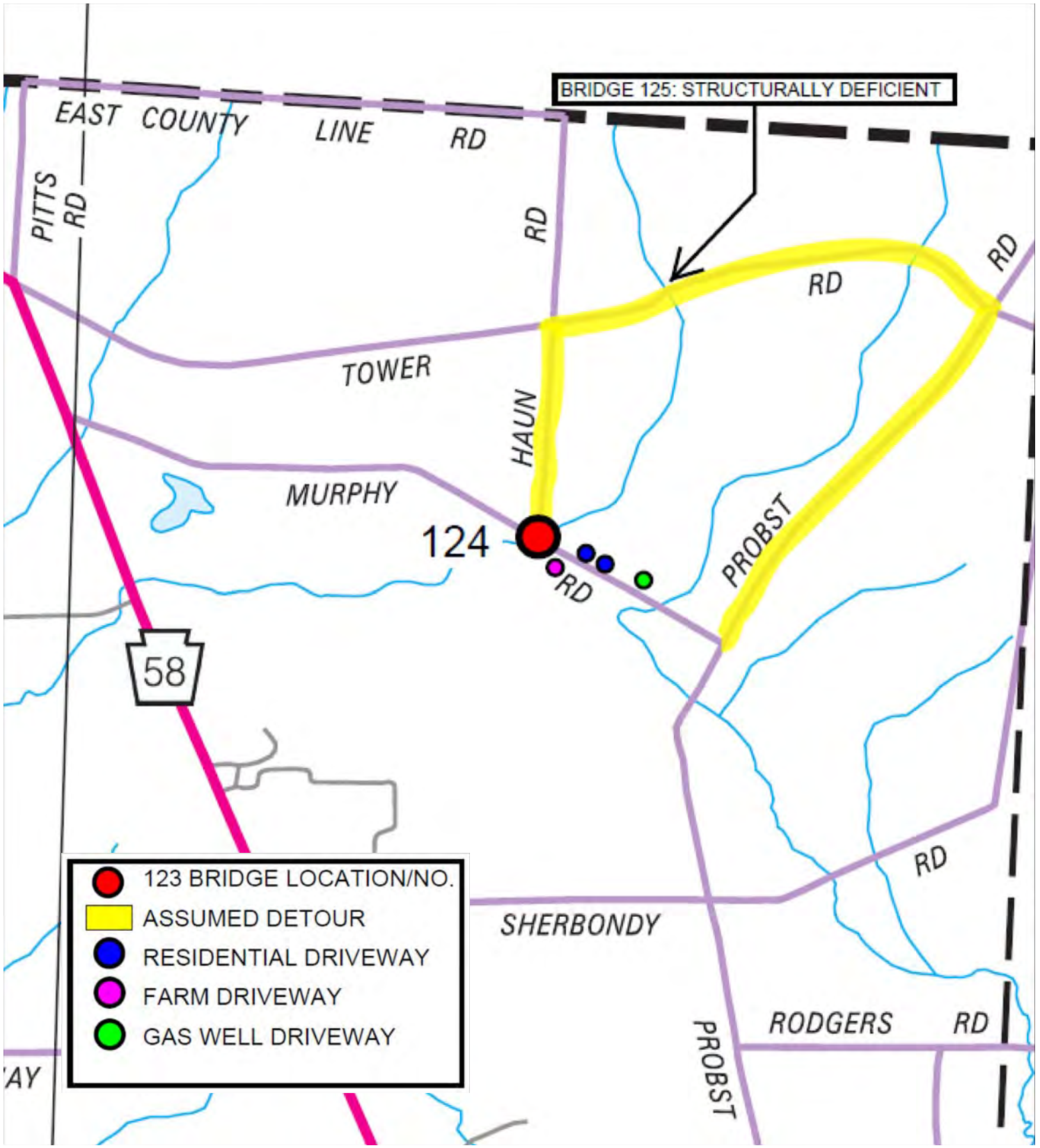

 SCALE: N.T.S.


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PROJECT NO.	merce00 - 14154
PROJECT:	MERCER COUNTY BRIDGE CLOSURE STUDY
TITLE:	BRIDGE #121: N MAYSVILLE RD GREENE TWP

EXHIBIT	4A
D.B.	MJY
C.B.	REG
REV.	

FILE NAME: C:\mercer\00\14154 PLOTTED: 11/4/2014



BRIDGE 125: STRUCTURALLY DEFICIENT

-  123 BRIDGE LOCATION/NO.
-  ASSUMED DETOUR
-  RESIDENTIAL DRIVEWAY
-  FARM DRIVEWAY
-  GAS WELL DRIVEWAY

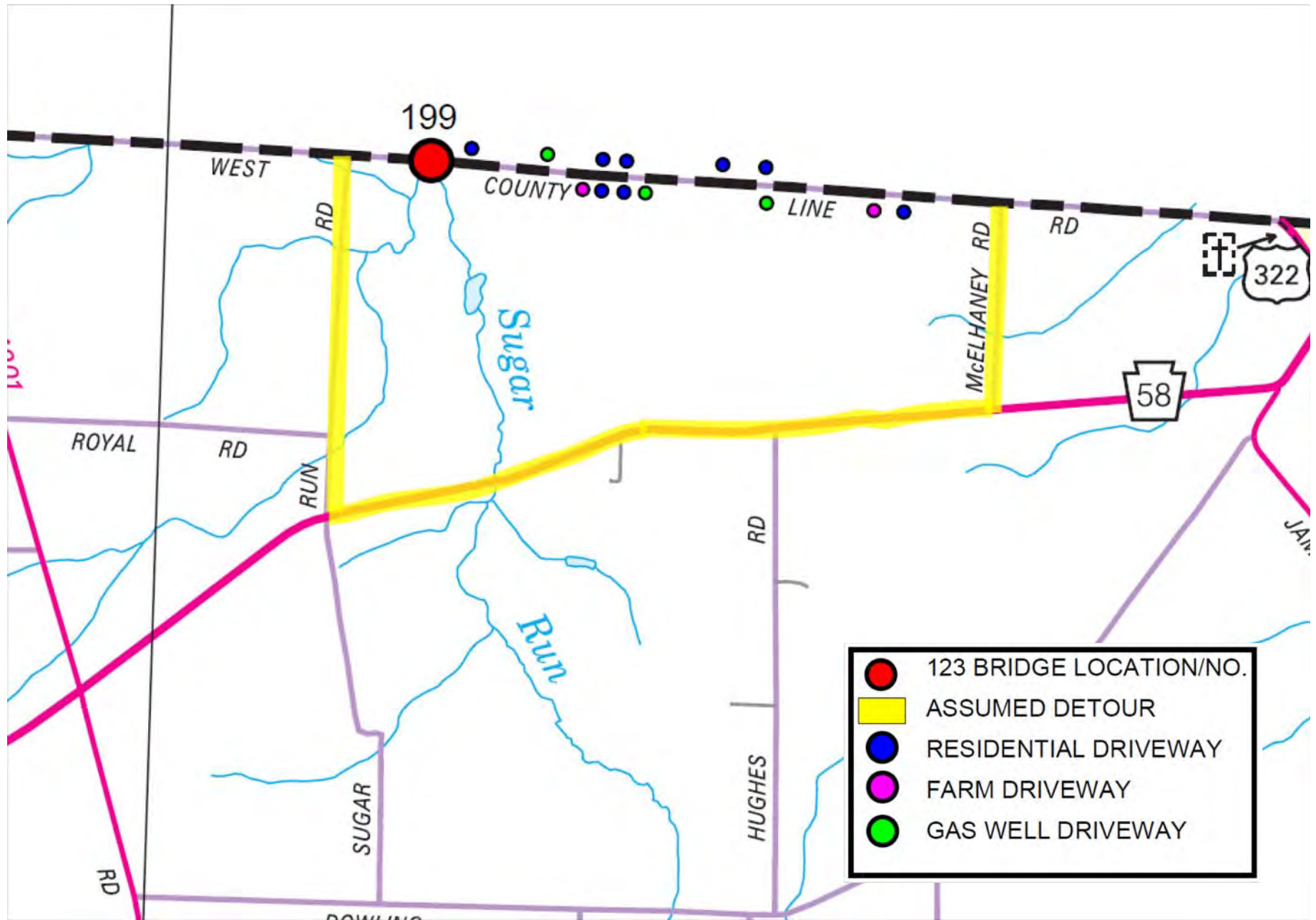







SCALE: N.T.S.




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Pittsburgh, Pennsylvania 15205 / (412) 490-0630

PROJECT NO.	merce00 - 14154	EXHIBIT	
PROJECT:	MERCER COUNTY BRIDGE CLOSURE STUDY		4B
TITLE:	BRIDGE #124: MURPHY RD GREENE TWP	D.B. <u> </u> M/J	
		C.B. <u> </u> REG	
		REV. <u> </u>	



-  123 BRIDGE LOCATION/NO.
-  ASSUMED DETOUR
-  RESIDENTIAL DRIVEWAY
-  FARM DRIVEWAY
-  GAS WELL DRIVEWAY

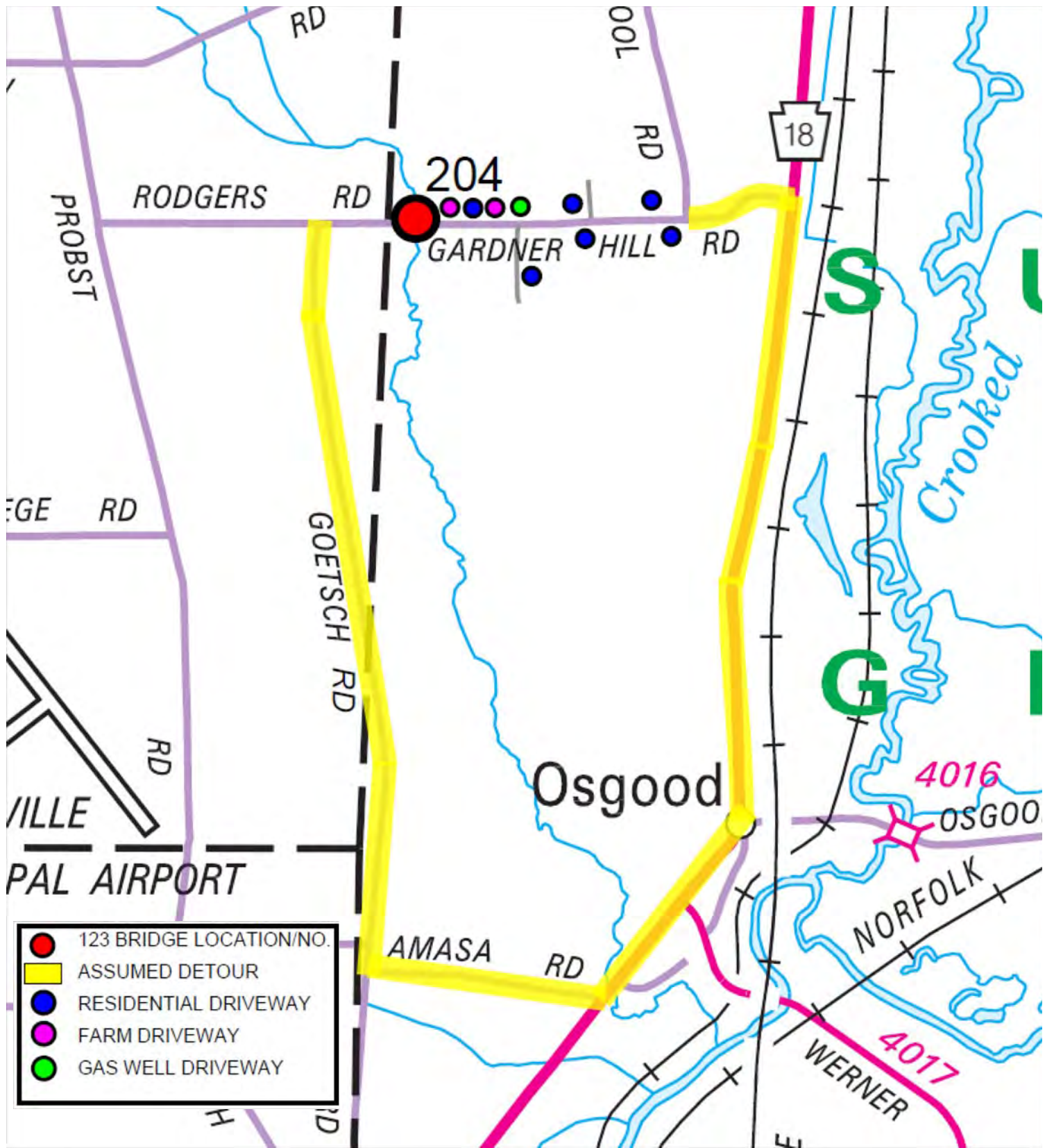

 SCALE: N.T.S.








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PROJECT NO.	merce00 - 14154
PROJECT:	MERCER COUNTY BRIDGE CLOSURE STUDY
TITLE:	BRIDGE #199 W COUNTY LINE GREENE TWP

EXHIBIT	4C
D.B.	MJY
C.B.	REG
REV.	



-  123 BRIDGE LOCATION/NO.
-  ASSUMED DETOUR
-  RESIDENTIAL DRIVEWAY
-  FARM DRIVEWAY
-  GAS WELL DRIVEWAY

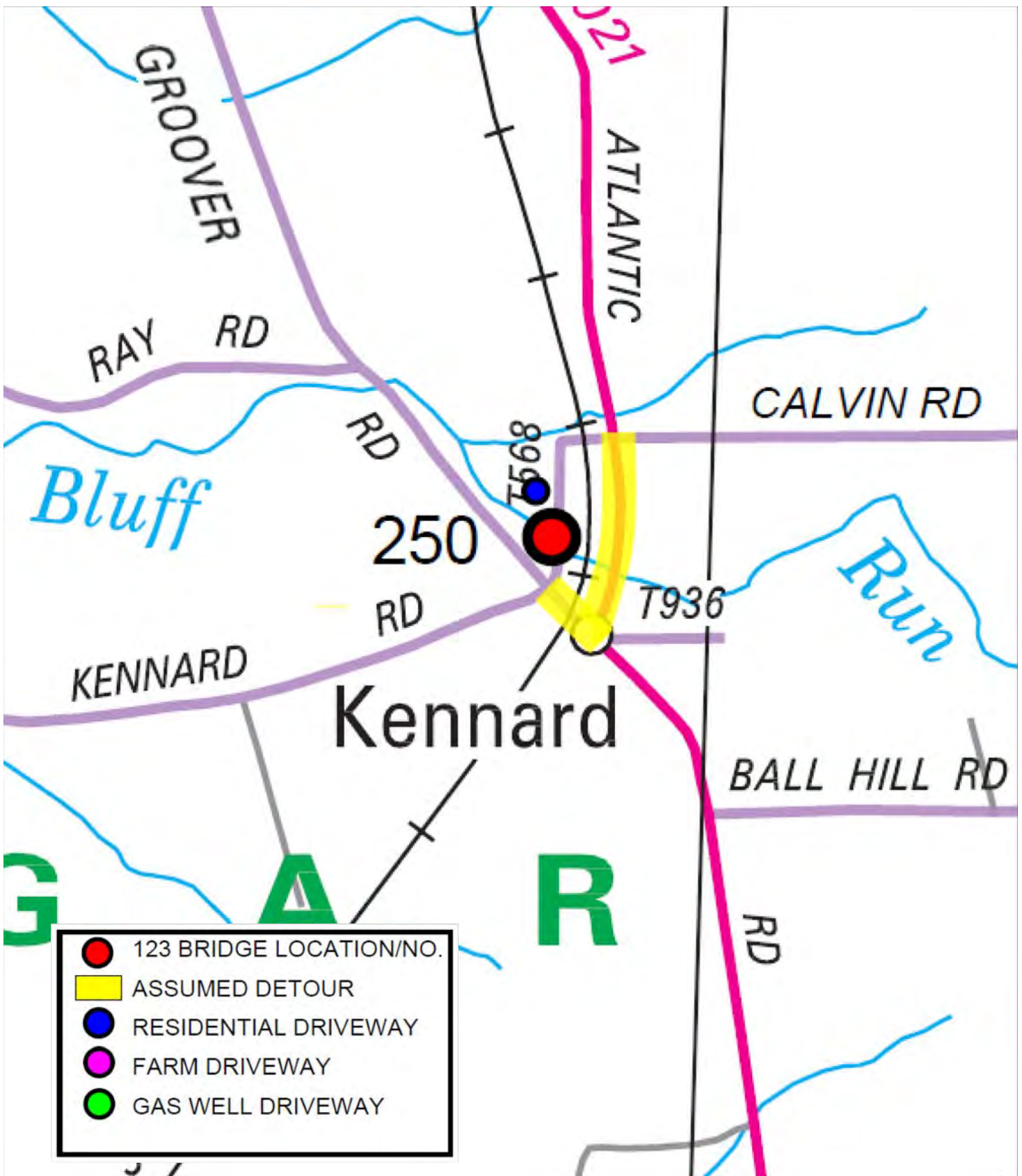


SCALE: N.T.S.



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 Pittsburgh, Pennsylvania 15205 / (412) 490-0630

PROJECT NO.	merce00 - 14154	EXHIBIT	
PROJECT:	MERCER COUNTY BRIDGE CLOSURE STUDY		4D
TITLE:	BRIDGE #204: GARDNER HILL RD SUGAR GROVE TWP	D.B. <u> </u> M/JY	
		C.B. <u> </u> REG	
		REV. <u> </u>	

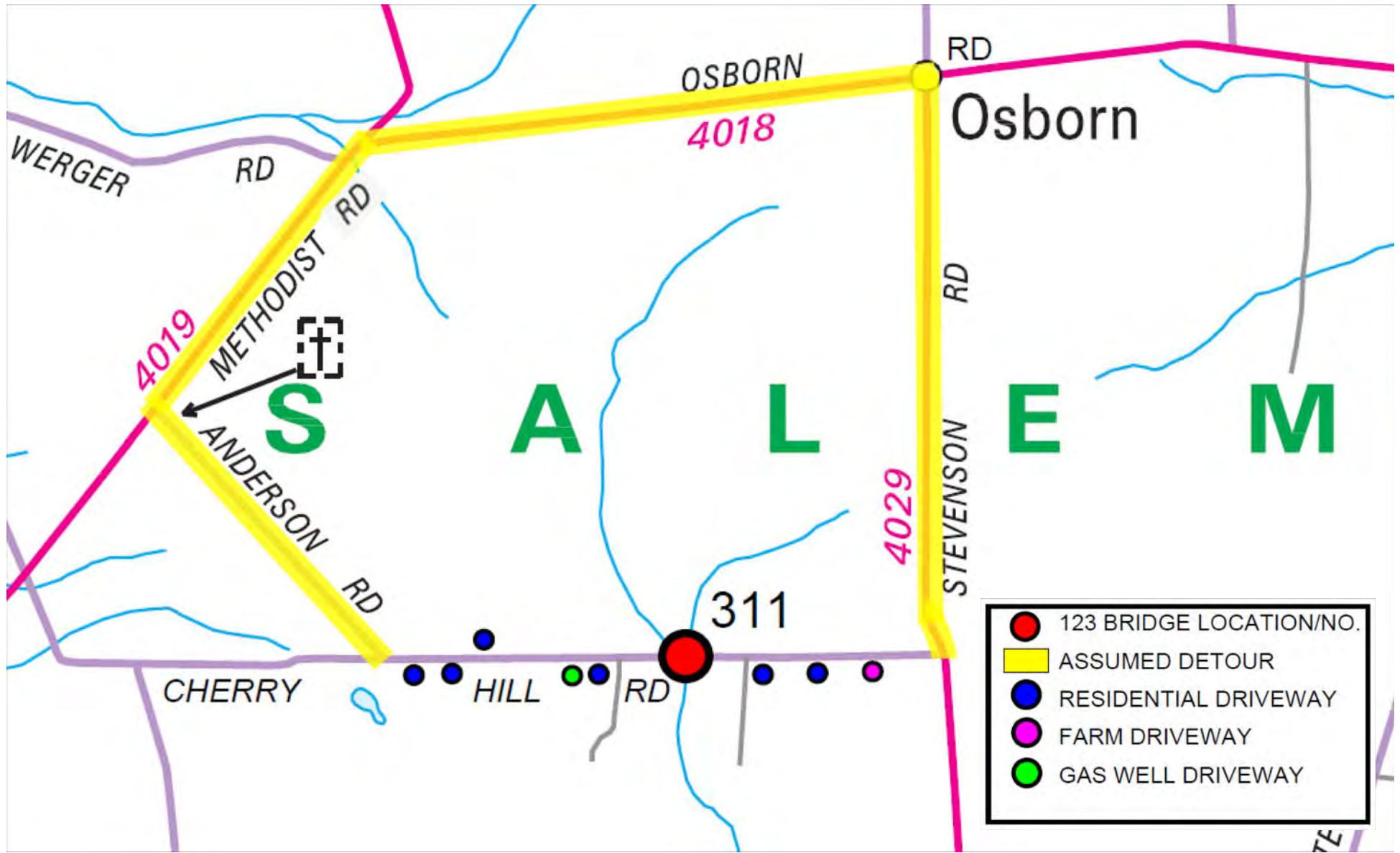



SCALE: N.T.S.



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PROJECT NO.	merce00 - 14154	EXHIBIT	
PROJECT:	MERCER COUNTY BRIDGE CLOSURE STUDY	4E	
TITLE:	BRIDGE #250: CALVIN RD SUGAR GROVE TWP		D.B. <u> </u> M.Y. <u> </u>
		C.B. <u> </u> REG <u> </u>	
		REV. <u> </u>	



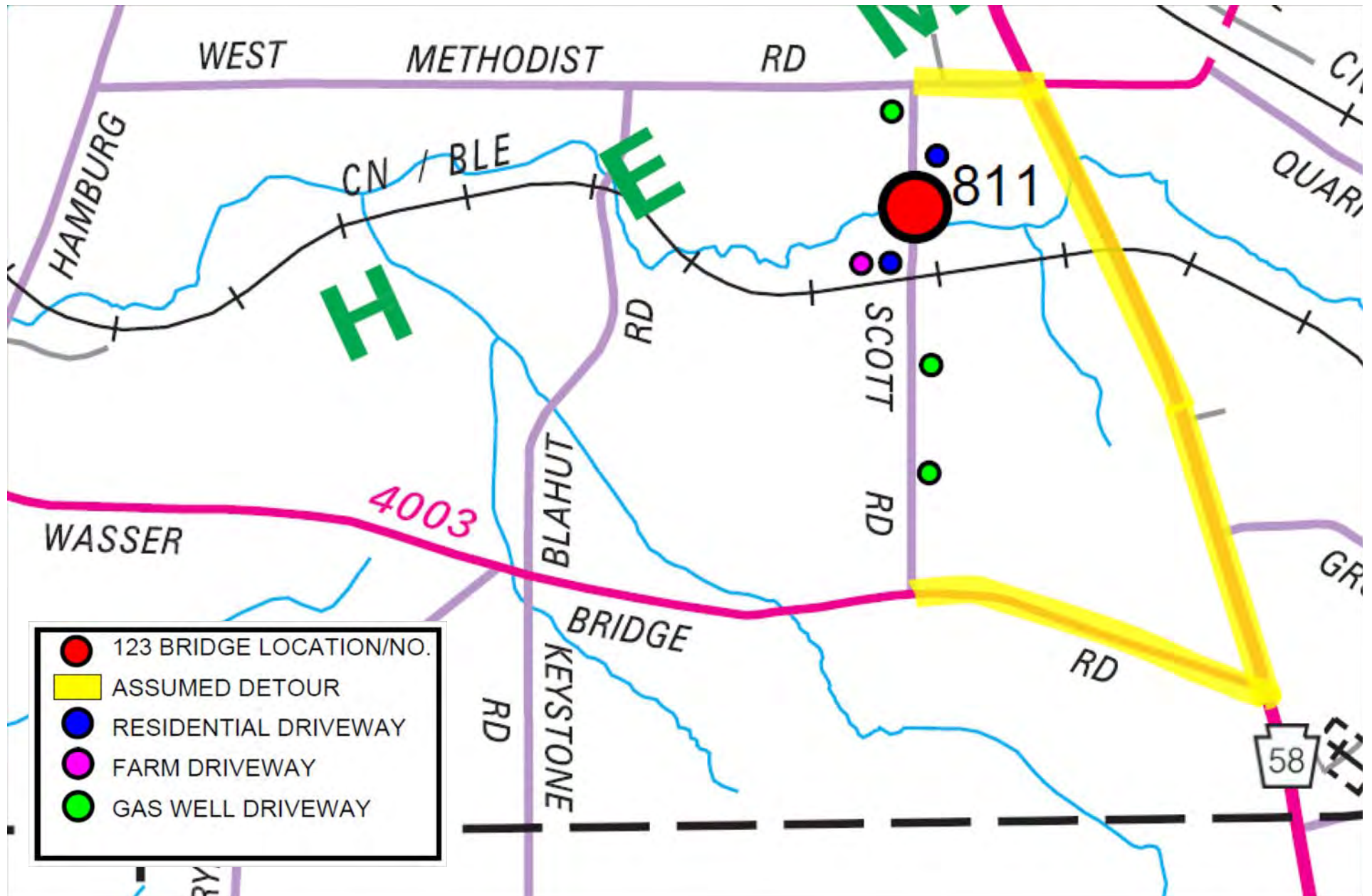

 SCALE: N.T.S.








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PROJECT NO.	merce00 - 14154
PROJECT:	MERCER COUNTY BRIDGE CLOSURE STUDY
TITLE:	BRIDGE #311 CHERRY HILL RD SALEM TWP

EXHIBIT	4F
D.B.	<u> M </u>
C.B.	<u> REG </u>
REV.	<u> </u>



-  123 BRIDGE LOCATION/NO.
-  ASSUMED DETOUR
-  RESIDENTIAL DRIVEWAY
-  FARM DRIVEWAY
-  GAS WELL DRIVEWAY



SCALE: N.T.S.



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PROJECT NO. merce00 - 14154

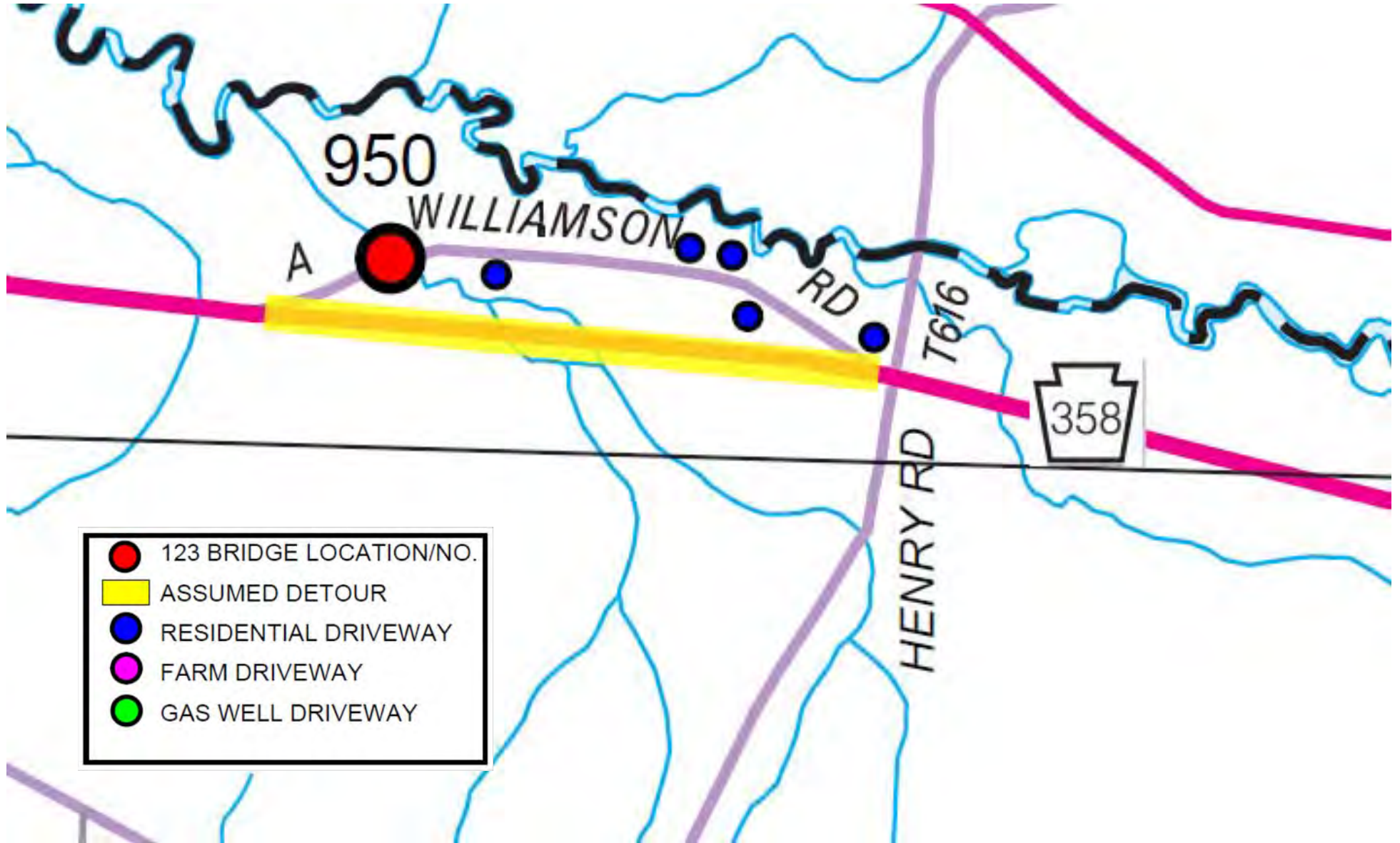
PROJECT: MERCER COUNTY BRIDGE CLOSURE STUDY






TITLE: BRIDGE #811 SCOTT RD
 HEMPFIELD TWP


EXHIBIT

4G

D.B. M.Y.
 C.B. REG
 REV.



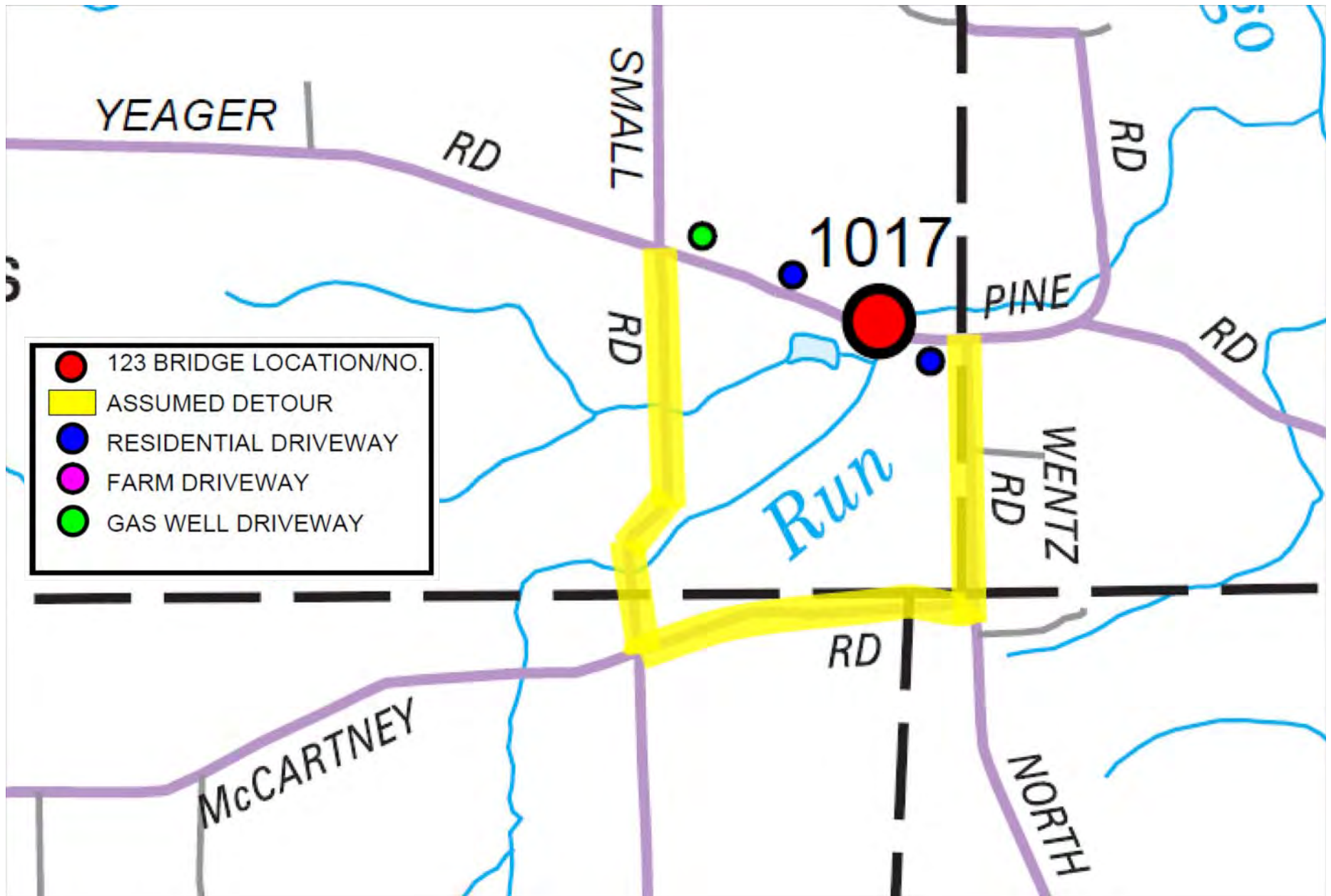
-  123 BRIDGE LOCATION/NO.
-  ASSUMED DETOUR
-  RESIDENTIAL DRIVEWAY
-  FARM DRIVEWAY
-  GAS WELL DRIVEWAY



 SCALE: N.T.S.


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PROJECT NO.	merce00 - 14154
PROJECT:	MERCER COUNTY BRIDGE CLOSURE STUDY
TITLE:	BRIDGE #950 WILLIAMSON RD OTTER CREEK TWP

EXHIBIT	4H
D.B.	MJY
C.B.	REG
REV.	

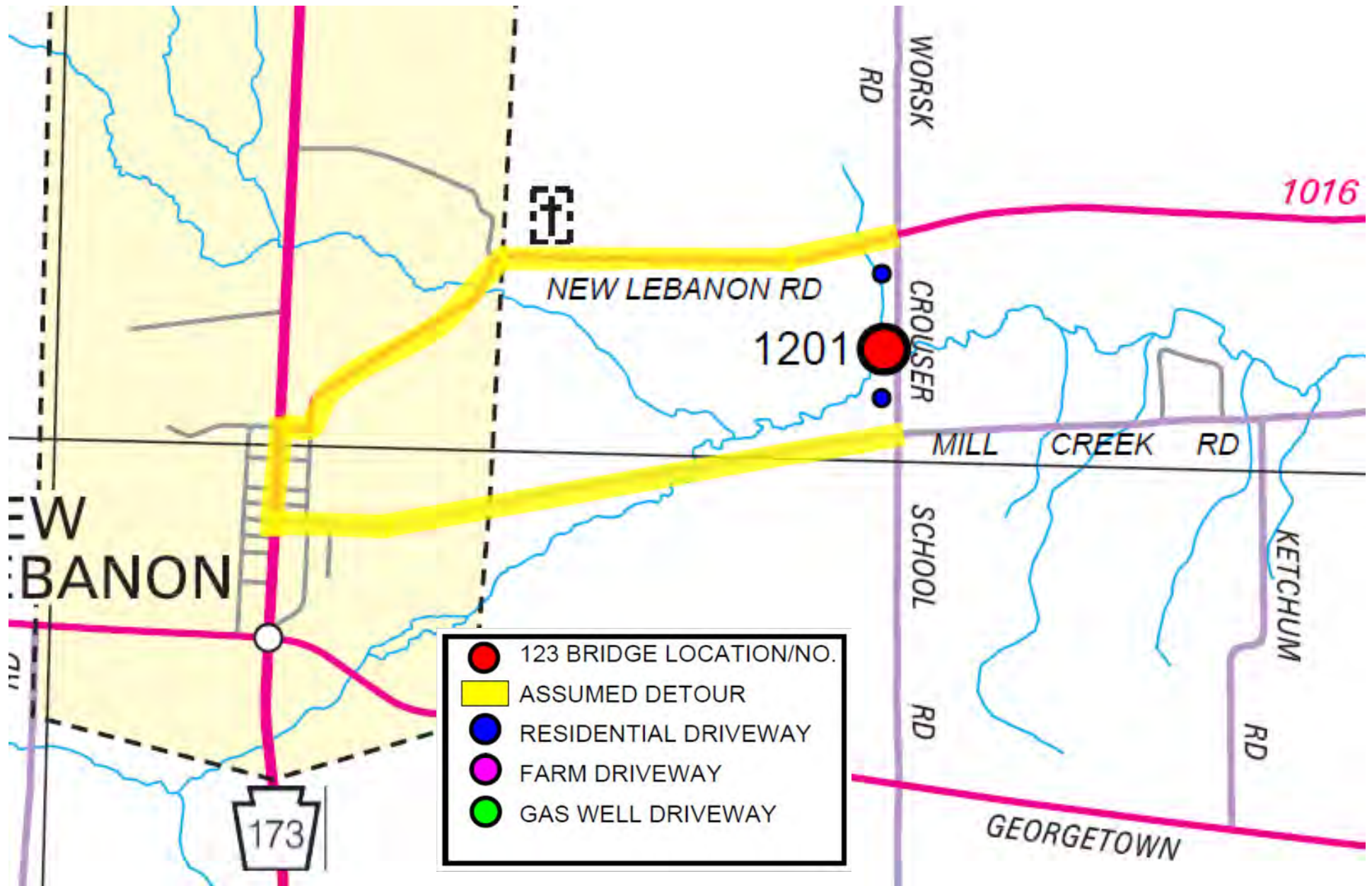



 SCALE: N.T.S.



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PROJECT NO.	merce00 - 14154
PROJECT:	MERCER COUNTY BRIDGE CLOSURE STUDY
TITLE:	BRIDGE #1017 YEAGER RD PERRY TWP

EXHIBIT	41
D.B.	<u> MJY </u>
C.B.	<u> REG </u>
REV.	<u> </u>



- 123 BRIDGE LOCATION/NO.
- ASSUMED DETOUR
- RESIDENTIAL DRIVEWAY
- FARM DRIVEWAY
- GAS WELL DRIVEWAY



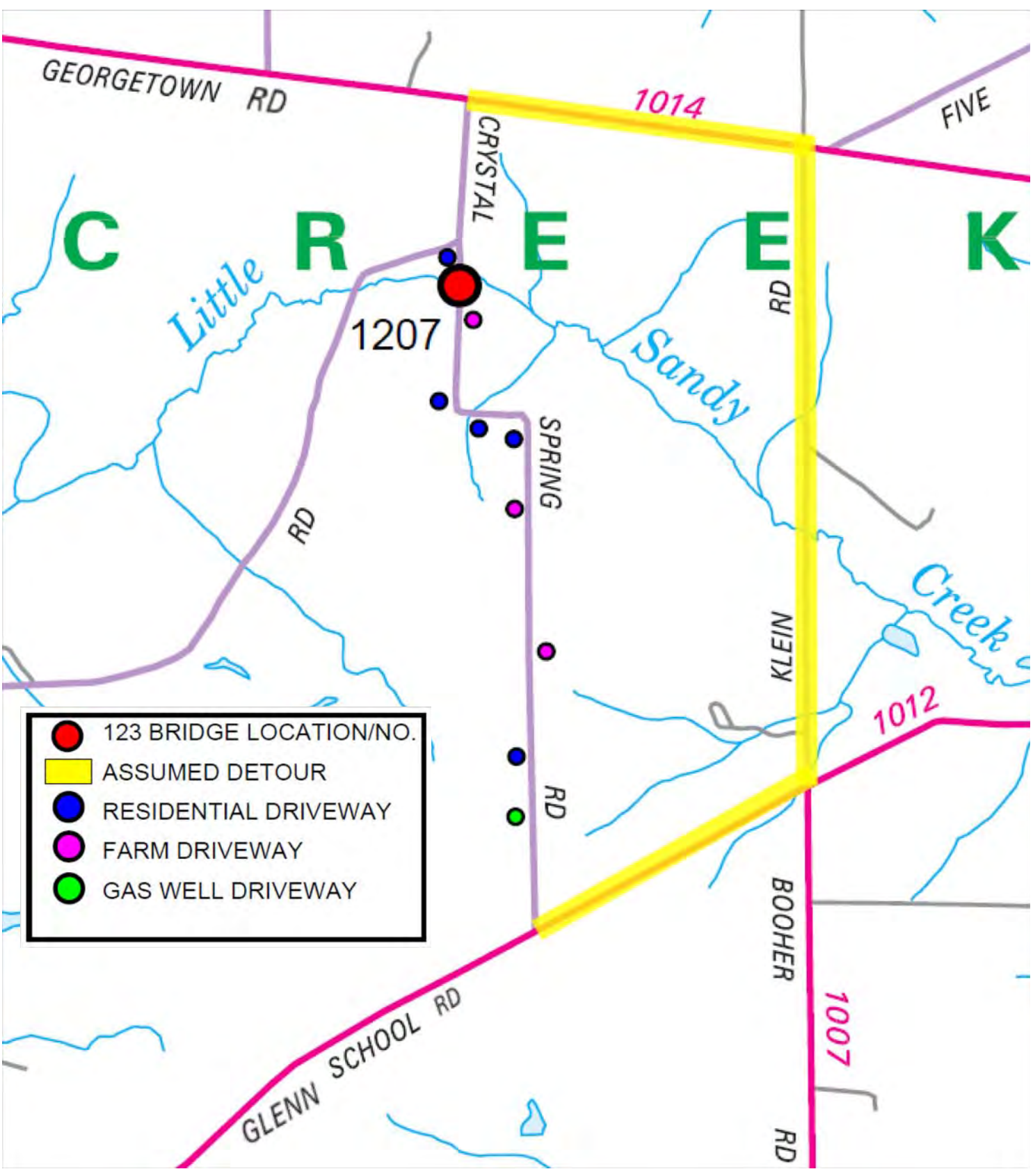
SCALE: N.T.S.








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PROJECT NO.	merce00 - 14154
PROJECT:	MERCER COUNTY BRIDGE CLOSURE STUDY
TITLE:	BRIDGE #1201 CROUSER SCHOOL RD MILL CREEK TWP

EXHIBIT
4J
D.B. <u> MJY </u>
C.B. <u> REG </u>
REV. <u> </u>



-  123 BRIDGE LOCATION/NO.
-  ASSUMED DETOUR
-  RESIDENTIAL DRIVEWAY
-  FARM DRIVEWAY
-  GAS WELL DRIVEWAY

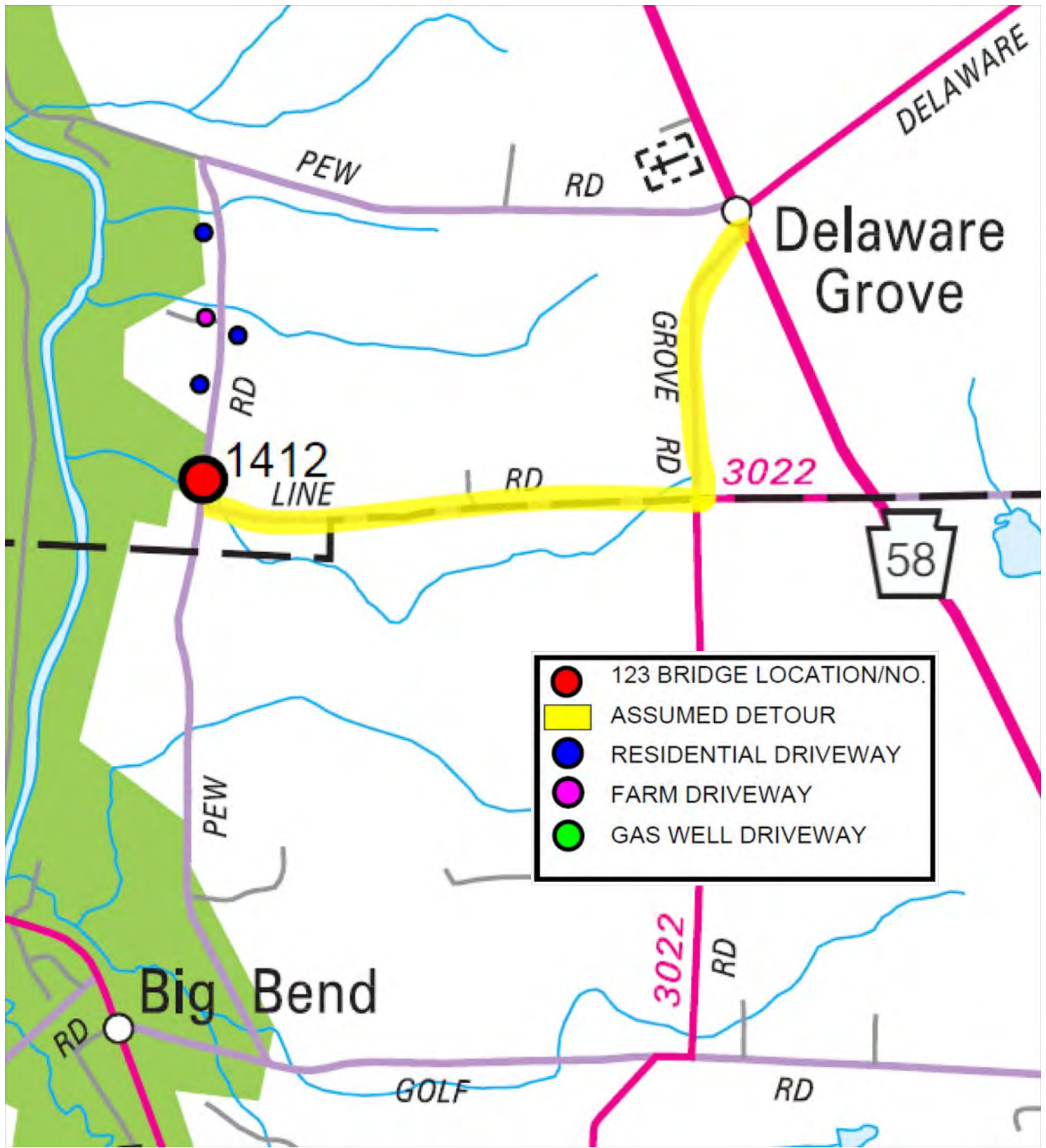







SCALE: N.T.S.



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PROJECT NO.	merce00 - 14154	EXHIBIT	
PROJECT:	MERCER COUNTY BRIDGE CLOSURE STUDY		4K
TITLE:	BRIDGE #1207: CRYSTAL SPRING RD MILL CREEK TWP	D.B. <u> </u> M/J	
		C.B. <u> </u> REG	
		REV. <u> </u>	



	123 BRIDGE LOCATION/NO.
	ASSUMED DETOUR
	RESIDENTIAL DRIVEWAY
	FARM DRIVEWAY
	GAS WELL DRIVEWAY



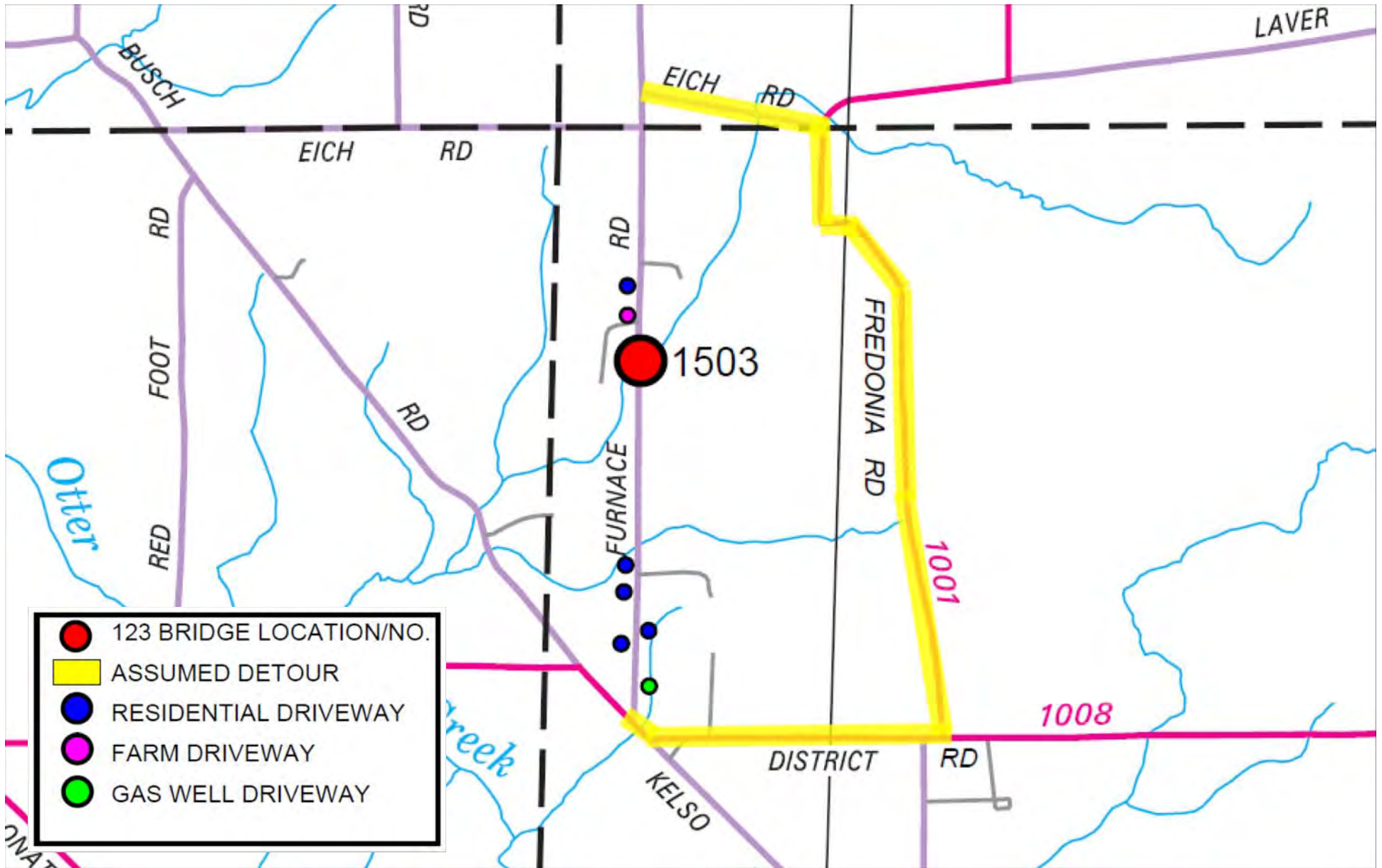
SCALE: N.T.S.



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PROJECT NO.	merce00 - 14154
PROJECT:	MERCER COUNTY BRIDGE CLOSURE STUDY
TITLE:	BRIDGE #1412: PEW RD DELAWARE TWP

EXHIBIT	4L
D.B.	MJY
C.B.	REG
REV.	



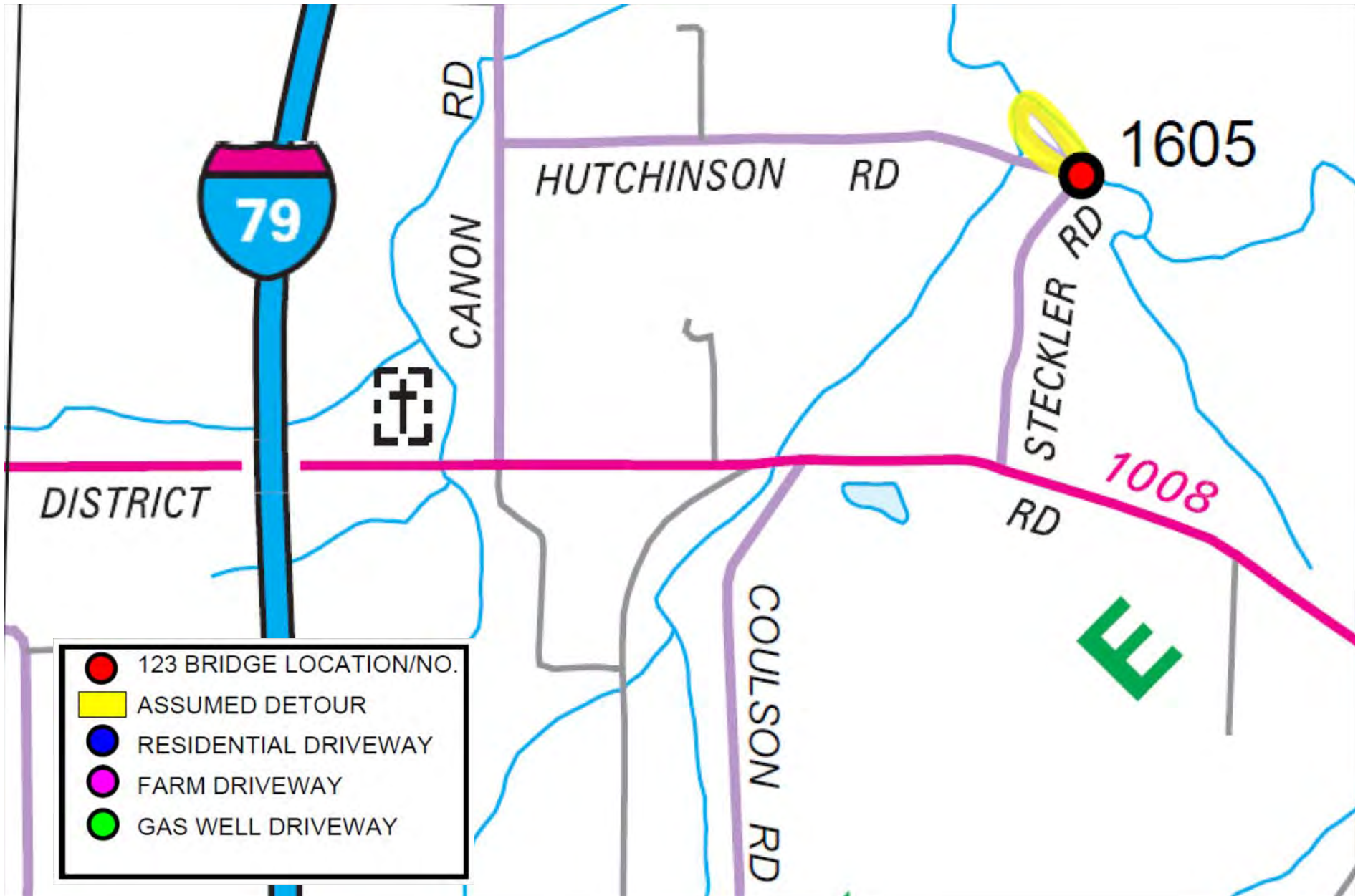
SCALE: N.T.S.









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PROJECT NO.	merce00 - 14154
PROJECT:	MERCER COUNTY BRIDGE CLOSURE STUDY
TITLE:	BRIDGE #1503: FURNACE RD FAIRVIEW TWP

EXHIBIT	4M
D.B.	MJY
C.B.	REG
REV.	



-  123 BRIDGE LOCATION/NO.
-  ASSUMED DETOUR
-  RESIDENTIAL DRIVEWAY
-  FARM DRIVEWAY
-  GAS WELL DRIVEWAY

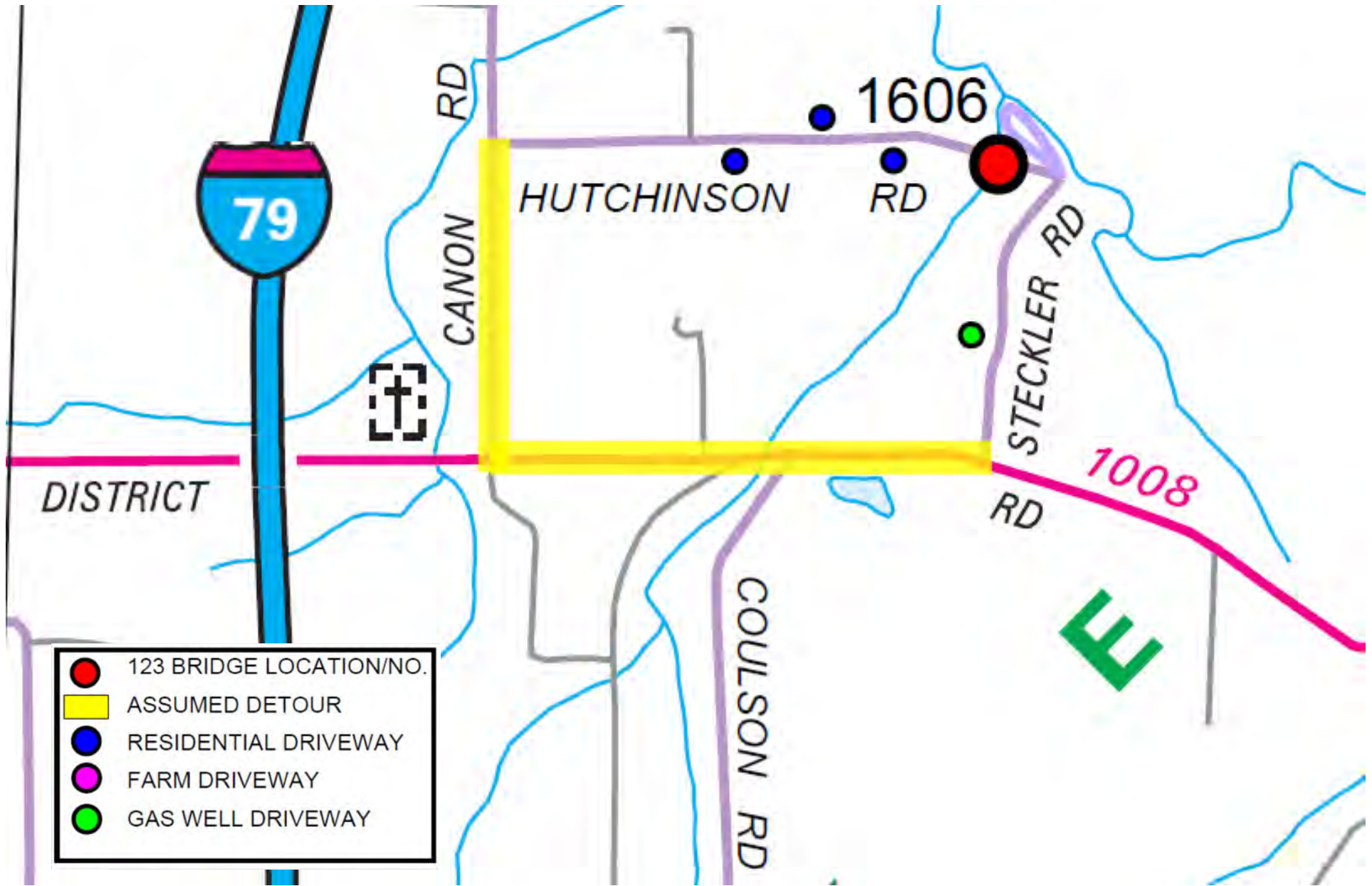

 SCALE: N.T.S.








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PROJECT NO.	merce00 - 14154
PROJECT:	MERCER COUNTY BRIDGE CLOSURE STUDY
TITLE:	BRIDGE #1605: STECKLER RD LAKE TWP

EXHIBIT	4N
D.B.	MJY
C.B.	REG
REV.	



-  123 BRIDGE LOCATION/NO.
-  ASSUMED DETOUR
-  RESIDENTIAL DRIVEWAY
-  FARM DRIVEWAY
-  GAS WELL DRIVEWAY



SCALE: N.T.S.



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PROJECT NO. merce00 - 14154

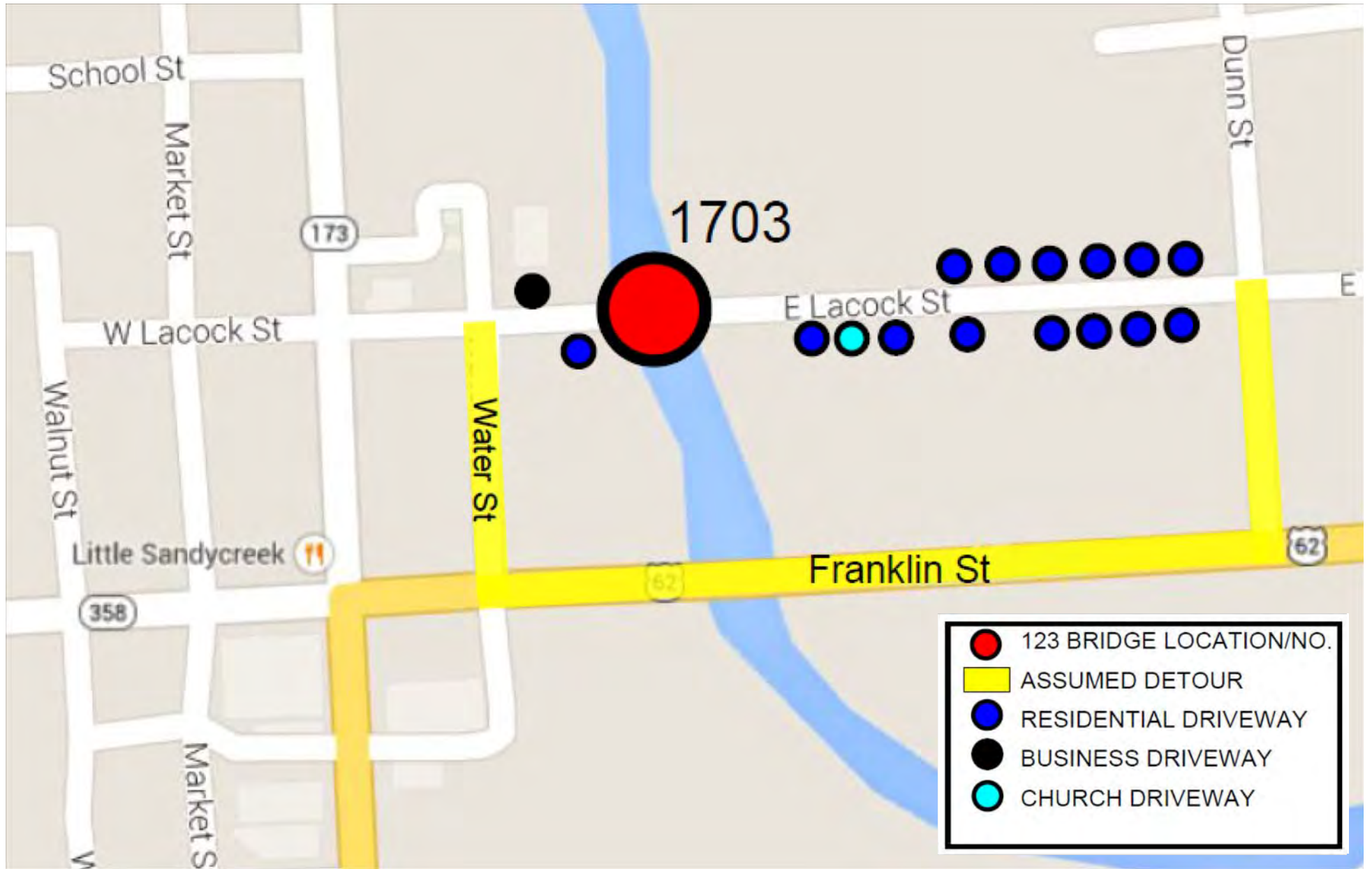
PROJECT: MERCER COUNTY BRIDGE CLOSURE STUDY


TITLE: BRIDGE #1606: HUTCHINSON RD LAKE TWP

EXHIBIT

40

D.B. MJY
 C.B. REG
 REV.

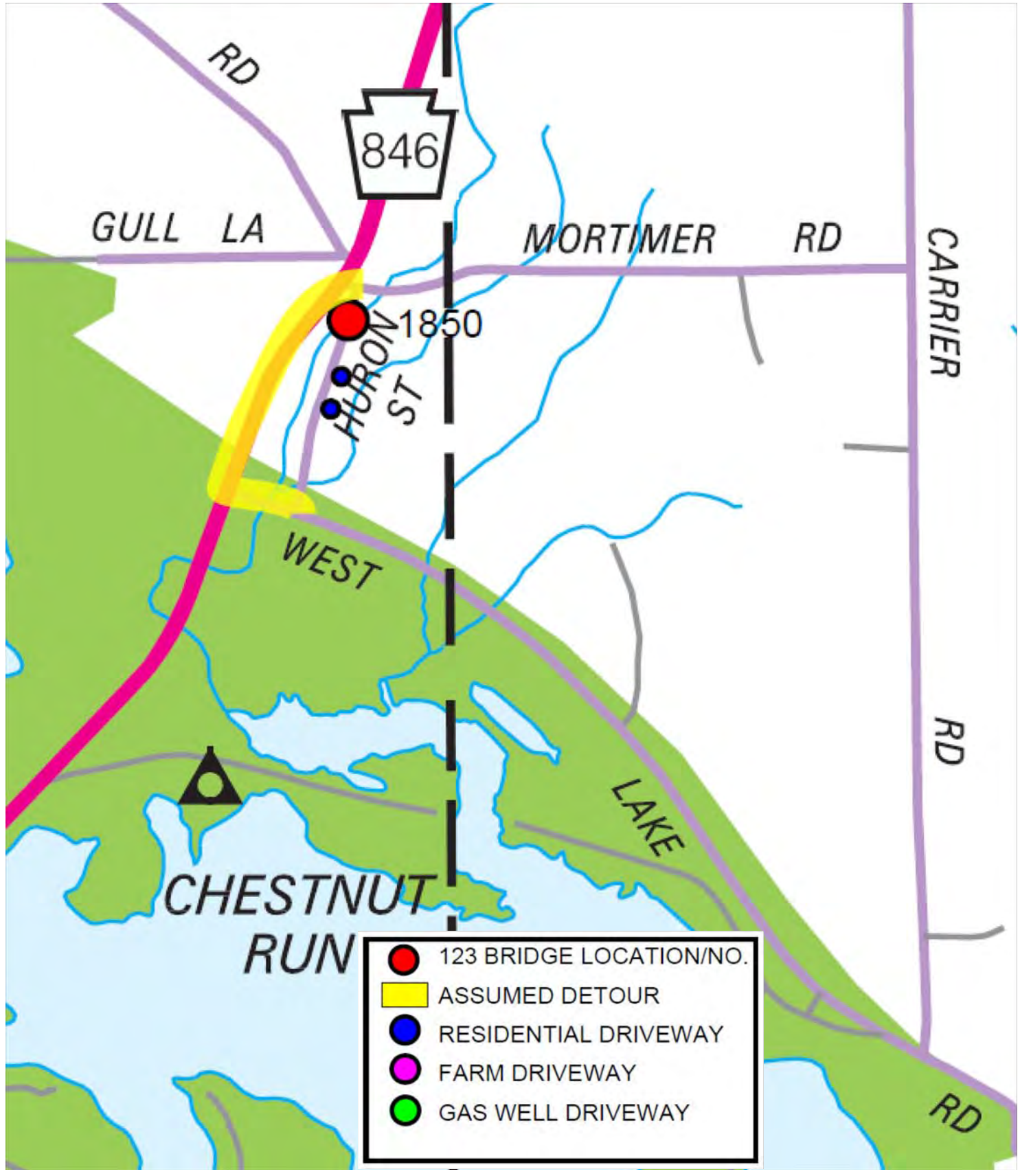



 SCALE: N.T.S.


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PROJECT NO.	merce00 - 14154
PROJECT:	MERCER COUNTY BRIDGE CLOSURE STUDY
TITLE:	BRIDGE #1703: LACOCK ST SANDY LAKE BOROUGH

EXHIBIT	4P
D.B.	MJY
C.B.	REG
REV.	



- 123 BRIDGE LOCATION/NO.
- ASSUMED DETOUR
- RESIDENTIAL DRIVEWAY
- FARM DRIVEWAY
- GAS WELL DRIVEWAY



SCALE: N.T.S.



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PROJECT NO. merce00 - 14154

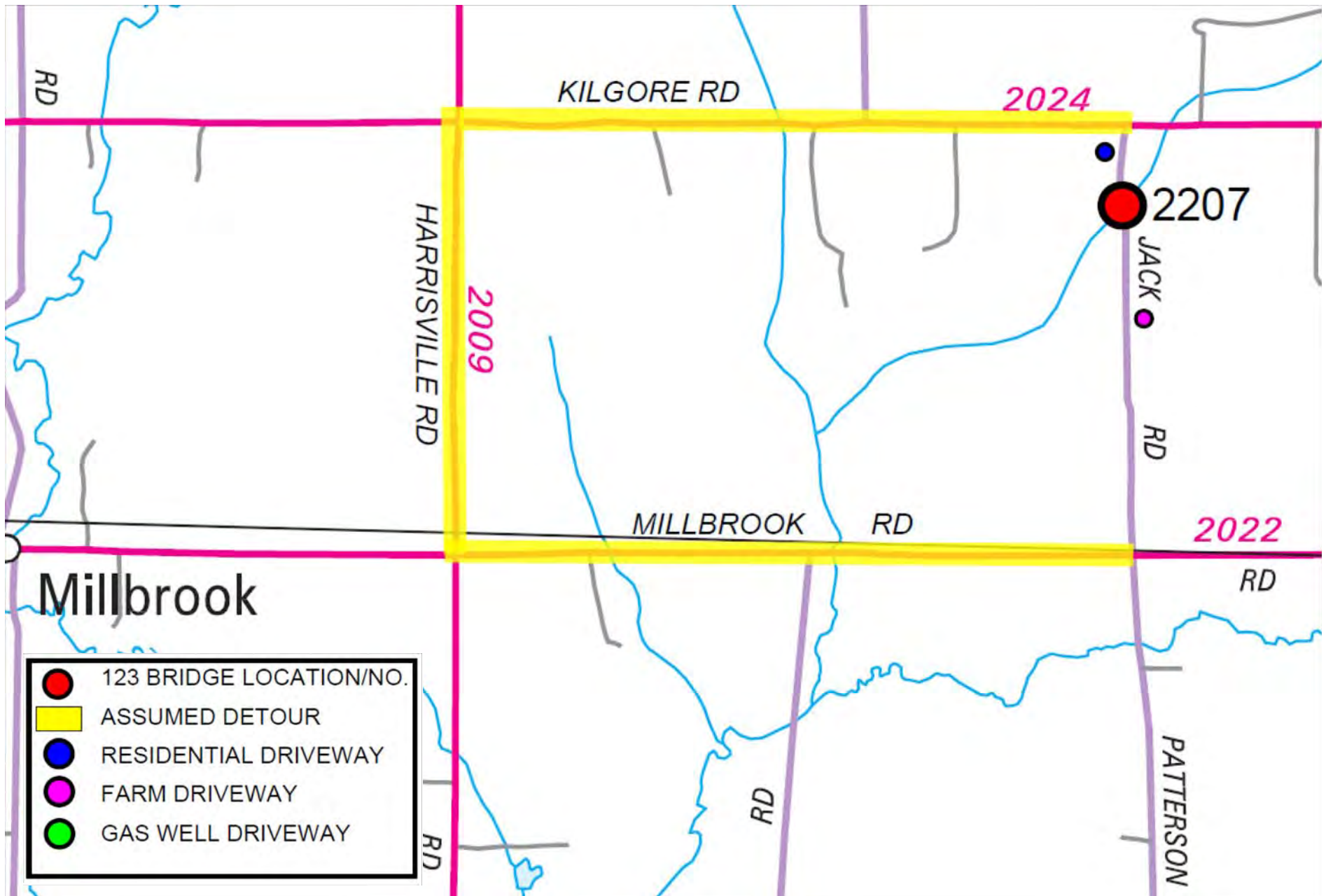
PROJECT: MERCER COUNTY
 BRIDGE CLOSURE STUDY


TITLE: BRIDGE #1850: HURON ST
 S PYMATUNING TWP

EXHIBIT

4Q

D.B. MLY
 C.B. REG
 REV.









 SCALE: N.T.S.



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PROJECT NO.	merce00 - 14154
PROJECT:	MERCER COUNTY BRIDGE CLOSURE STUDY
TITLE:	BRIDGE #2207: JACK RD WORTH TWP

EXHIBIT	4R
D.B.	MJY
C.B.	REG
REV.	



-  123 BRIDGE LOCATION/NO.
-  ASSUMED DETOUR
-  RESIDENTIAL DRIVEWAY
-  FARM DRIVEWAY
-  GAS WELL DRIVEWAY



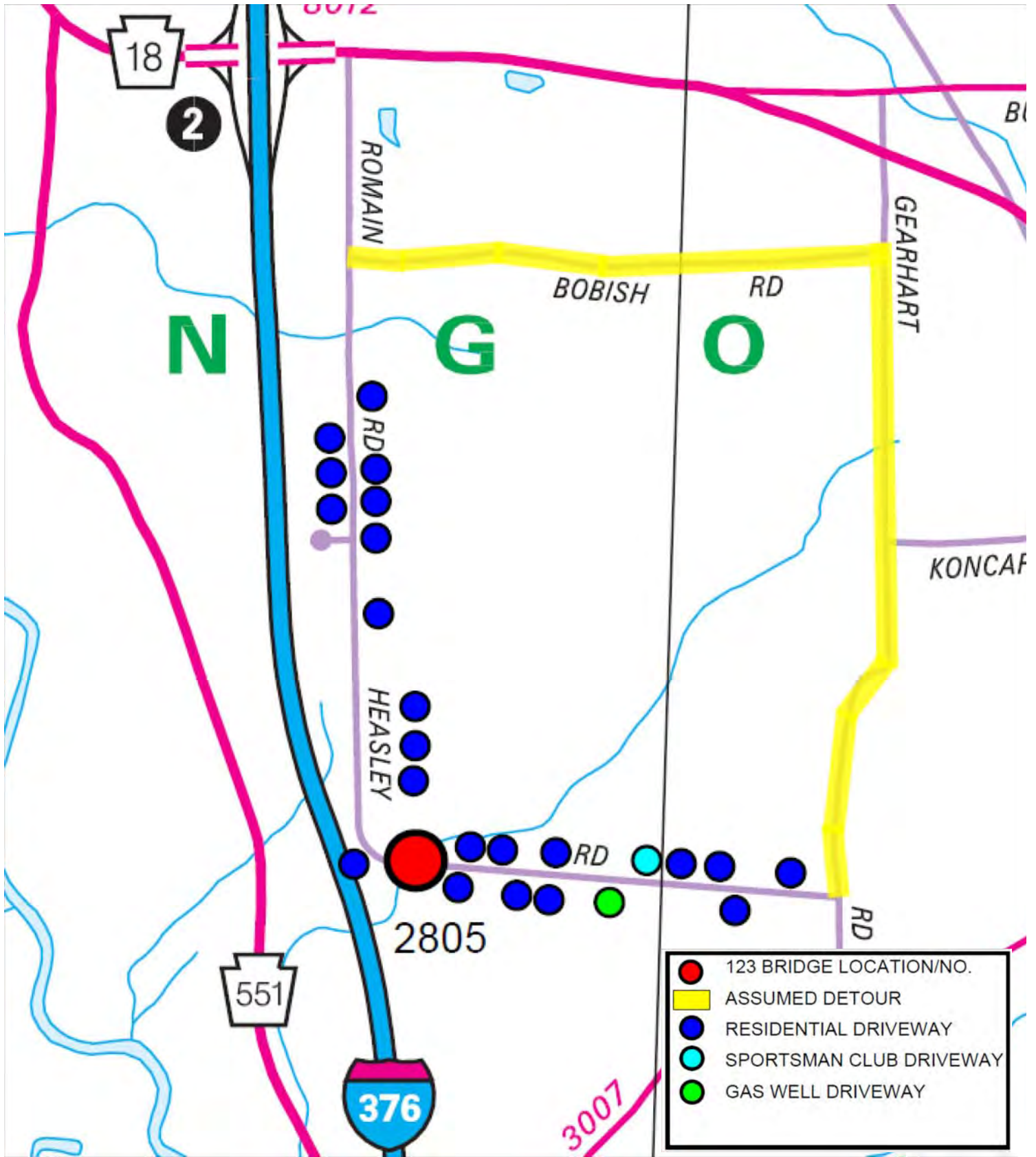
SCALE: N.T.S.



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PROJECT NO.	merce00 - 14154
PROJECT:	MERCER COUNTY BRIDGE CLOSURE STUDY
TITLE:	BRIDGE #2329: WENGLER AVE SHARON CITY

EXHIBIT
4S
D.B. <u> M </u>
C.B. <u> REG </u>
REV. <u> </u>



- 123 BRIDGE LOCATION/NO.
- ASSUMED DETOUR
- RESIDENTIAL DRIVEWAY
- SPORTSMAN CLUB DRIVEWAY
- GAS WELL DRIVEWAY



SCALE: N.T.S.



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PROJECT NO. merce00 - 14154

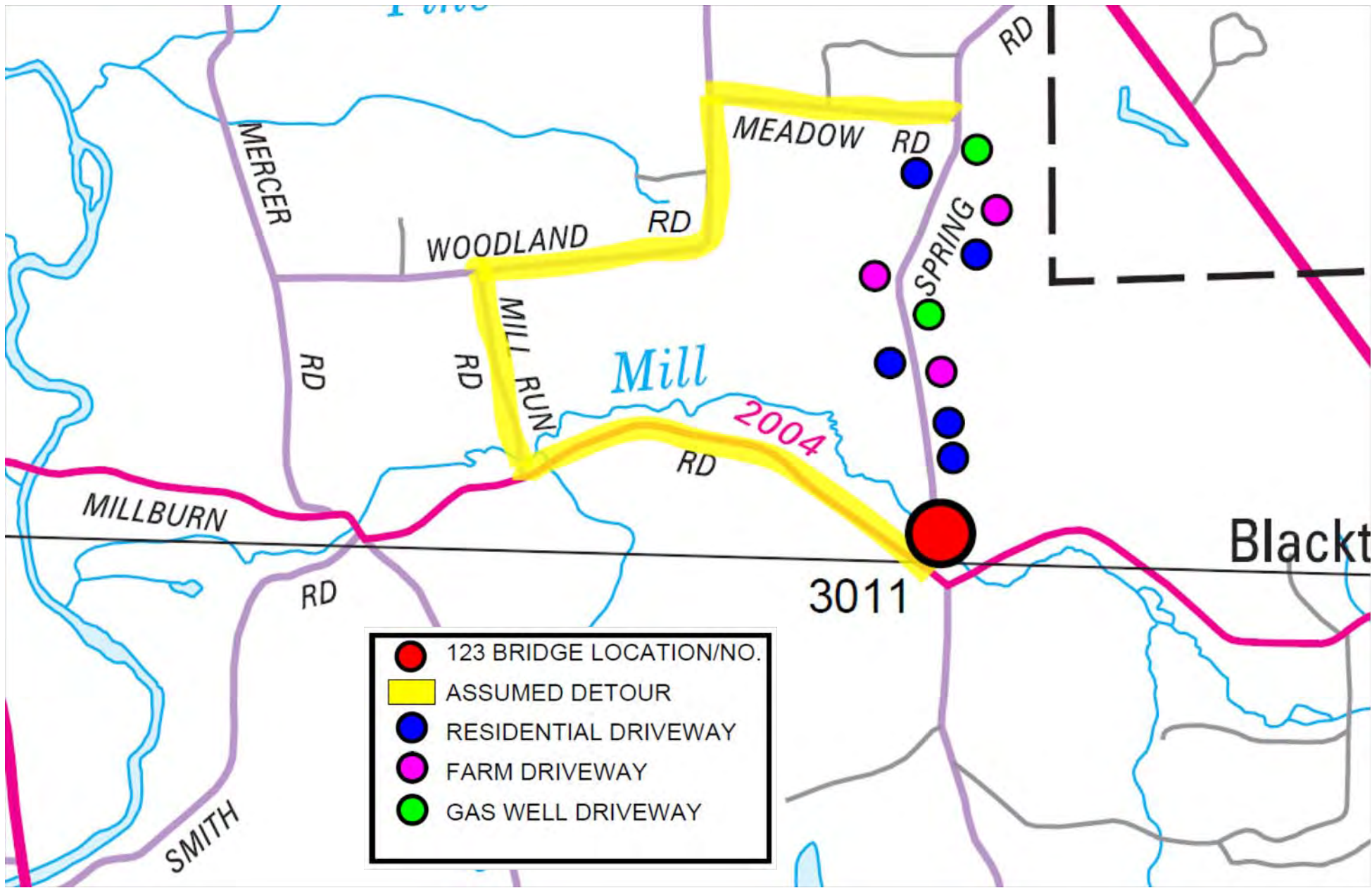
PROJECT: MERCER COUNTY
 BRIDGE CLOSURE STUDY


TITLE: BRIDGE #2805: HEASLEY RD
 SHENANGO TWP

EXHIBIT

4T

D.B. M.J.Y
 C.B. REG
 REV.

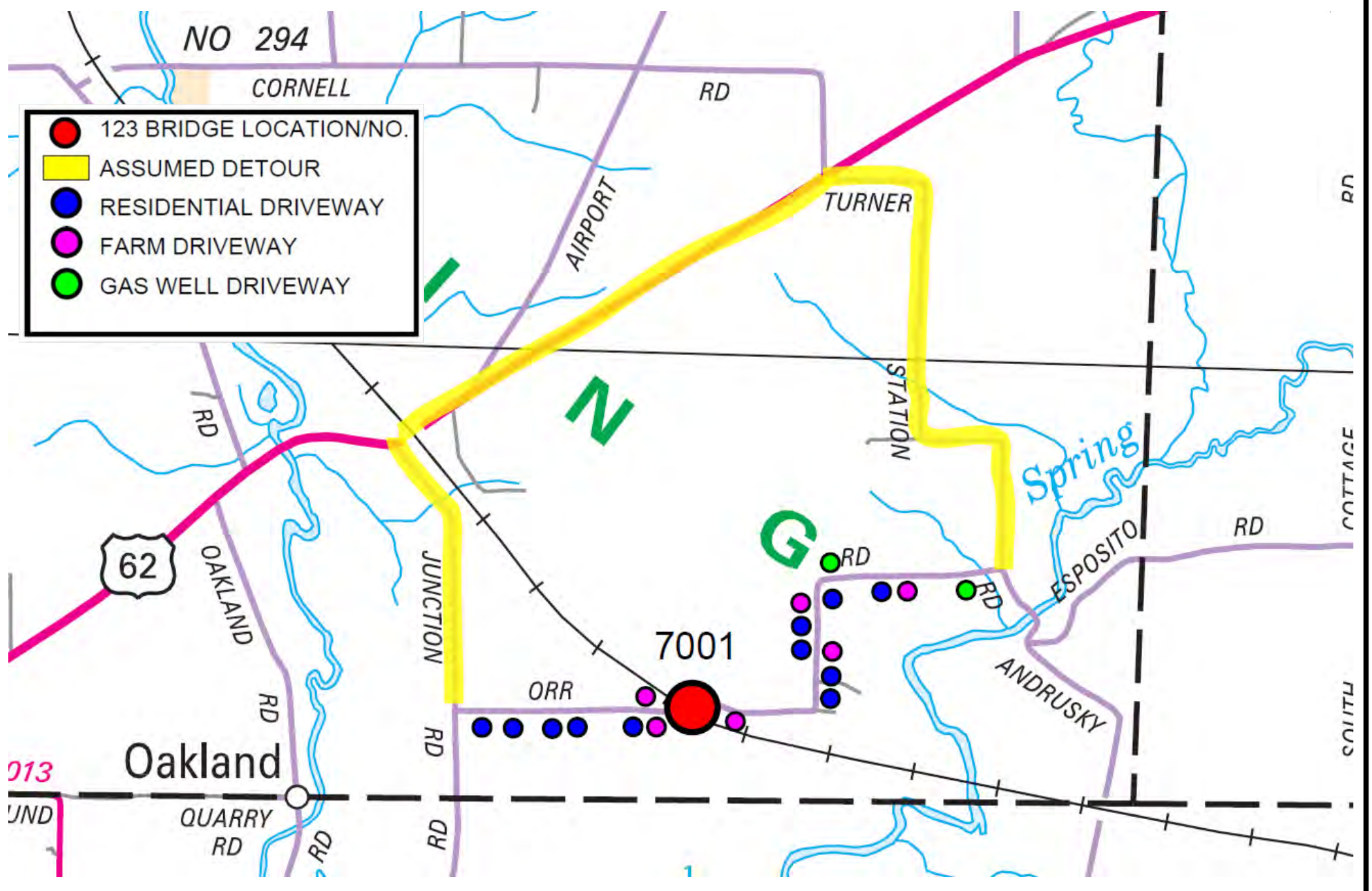



 SCALE: N.T.S.


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PROJECT NO.	merce00 - 14154
PROJECT:	MERCER COUNTY BRIDGE CLOSURE STUDY
TITLE:	BRIDGE #3011: N SPRING RD SPRINGFIELD TWP

EXHIBIT	4U
D.B.	MJY
C.B.	REG
REV.	



SCALE: N.T.S.



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PROJECT NO.	merce00 - 14154
PROJECT:	MERCER COUNTY BRIDGE CLOSURE STUDY
TITLE:	BRIDGE #7001: ORR RD COOLSPRING TWP

EXHIBIT	4W
D.B.	MJY
C.B.	REG
REV.	



BRIDGE HAS BEEN TRANSFERRED TO THE TOWNSHIP AND REPLACED WITH A CULVERT

N MAYSVILLE ROAD



SCALE: 1"=60'



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PROJECT NO.	merce00-14154
PROJECT:	MERCER COUNTY BRIDGE CLOSURE STUDY
TITLE:	BRIDGE #121 N MAYSVILLE RD GREENE TWP

EXHIBIT	5A
D.B.	MJY
C.B.	REG
REV.	



SCALE: 1"=40'



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PROJECT NO.	merce00-14154
PROJECT:	MERCER COUNTY BRIDGE CLOSURE STUDY
TITLE:	BRIDGE #124 MURPHY RD GREENE TWP POTENTIAL CUL-DE-SAC LOCATION

EXHIBIT

5B

D.B. MJY
 C.B. REG
 REV. _____



SCALE: 1"=40'



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PROJECT NO.	merce00-14154
PROJECT:	MERCER COUNTY BRIDGE CLOSURE STUDY
TITLE:	BRIDGE #199 W COUNTY LINE GREENE TWP POTENTIAL CUL-DE-SAC LOCATION

EXHIBIT

5C

D.B. NBS
 C.B. REG
 REV.



0 50 100 FEET



SCALE: 1"=100'



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PROJECT NO.	merce00-14154
PROJECT:	MERCER COUNTY BRIDGE CLOSURE STUDY
TITLE:	BRIDGE #204 GARDNER HILL RD SUGAR GROVE TWP POTENTIAL CUL-DE-SAC LOCATIONS

EXHIBIT

5D

D.B. M JY
 C.B. R EG
 REV.



SCALE: 1"=120'



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PROJECT NO. merce00-14154

PROJECT: MERCER COUNTY BRIDGE CLOSURE STUDY

TITLE: BRIDGE #250 CALVIN RD
 SUGAR GROVE TWP
 POTENTIAL CUL-DE-SAC LOCATION

EXHIBIT

5E

D.B. M
 C.B. REG
 REV.



SCALE: 1"=120'



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PROJECT NO.	merce00-14154
PROJECT:	MERCER COUNTY BRIDGE CLOSURE STUDY
TITLE:	BRIDGE #311 CHERRY HILL RD SALEM TWP POTENTIAL CUL-DE-SAC LOCATIONS

EXHIBIT

5F

D.B. MJY
 C.B. REG
 REV.



SCALE: 1"=100'



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PROJECT NO. mercer00-14154

PROJECT: MERCER COUNTY BRIDGE CLOSURE STUDY

TITLE: BRIDGE #811 SCOTT RD
 HEMPFIELD TWP
 POTENTIAL CUL-DE-SAC AND
 BRANCH TURNAROUND

EXHIBIT

5G

D.B. MJY
 C.B. REG
 REV. _____



SCALE: 1"=150'



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PROJECT NO.	merce00-14154
PROJECT:	MERCER COUNTY BRIDGE CLOSURE STUDY
TITLE:	BRIDGE #950 WILLIAMSON RD OTTER CREEK TWP POTENTIAL CUL-DE-SAC LOCATION

EXHIBIT	5H
D.B.	MJY
C.B.	REG
REV.	



SCALE: 1"=60'



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PROJECT NO.	merce00-14154
PROJECT:	MERCER COUNTY BRIDGE CLOSURE STUDY
TITLE:	BRIDGE #1017 YEAGER RD PERRY TWP POTENTIAL BRANCH TURNAROUNDS

EXHIBIT

51

D.B. MJY
 C.B. REG
 REV. _____



SCALE: 1"=50'



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PROJECT NO. merce00-14154

PROJECT: MERCER COUNTY BRIDGE CLOSURE STUDY

TITLE: BRIDGE #1201 CROUSER SCHOOL RD
 MILL CREEK TWP
 POTENTIAL CUL-DE-SAC LOCATIONS

EXHIBIT

5J

D.B. NBS
 C.B. REG
 REV.

UREY SCHOOL ROAD

CRYSTAL SPRING ROAD

REMOVE BRIDGE



0 25 50 FEET



SCALE: 1"=50'



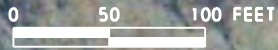
Transportation Solutions for Today and Tomorrow
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 Pittsburgh, Pennsylvania 15205 / (412) 490-0630

PROJECT NO.	merce00-14154
PROJECT:	MERCER COUNTY BRIDGE CLOSURE STUDY
TITLE:	BRIDGE #1207 CRYSTAL SPRING RD MILL CREEK TWP POTENTIAL CUL-DE-SAC LOCATIONS

EXHIBIT

5K

D.B. NBS
 C.B. REG
 REV.



SCALE: 1"=100'



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PROJECT NO. merce00-14154

PROJECT: MERCER COUNTY
 BRIDGE CLOSURE STUDY

TITLE: BRIDGE # 1412 PEW RD
 DELAWARE TWP
 POTENTIAL BRANCH TURNAROUND

EXHIBIT

5L

D.B. M.J.Y.
 C.B. REG
 REV.

PLOTTED: 11/8/2015

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 SCALE: 1"=150'	 Transportation Solutions for Today and Tomorrow Twin Towers Suite 400 / 4955 Steubenville Pike Pittsburgh, Pennsylvania 15205 / (412) 490-0630	PROJECT NO. merce00-14154	EXHIBIT
		PROJECT: MERCER COUNTY BRIDGE CLOSURE STUDY	5M
TITLE: BRIDGE #1503 FURNACE RD FAIRVIEW TWP POTENTIAL CUL-DE-SAC LOCATIONS		D.B. <u> NBS </u>	C.B. <u> REG </u>
		REV. <u> </u>	



0 25 50 FEET



SCALE: 1"=50'



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PROJECT NO. merce00-14154

PROJECT: MERCER COUNTY
 BRIDGE CLOSURE STUDY

TITLE: BRIDGE #1605 STECKLER RD
 LAKE TWP

EXHIBIT

5N

D.B. M JY
 C.B. R EG
 REV.

PLOTTED: 1/8/2015



FILE NAME: P:\merce00\14154_AerialPhotos\1606.dgn

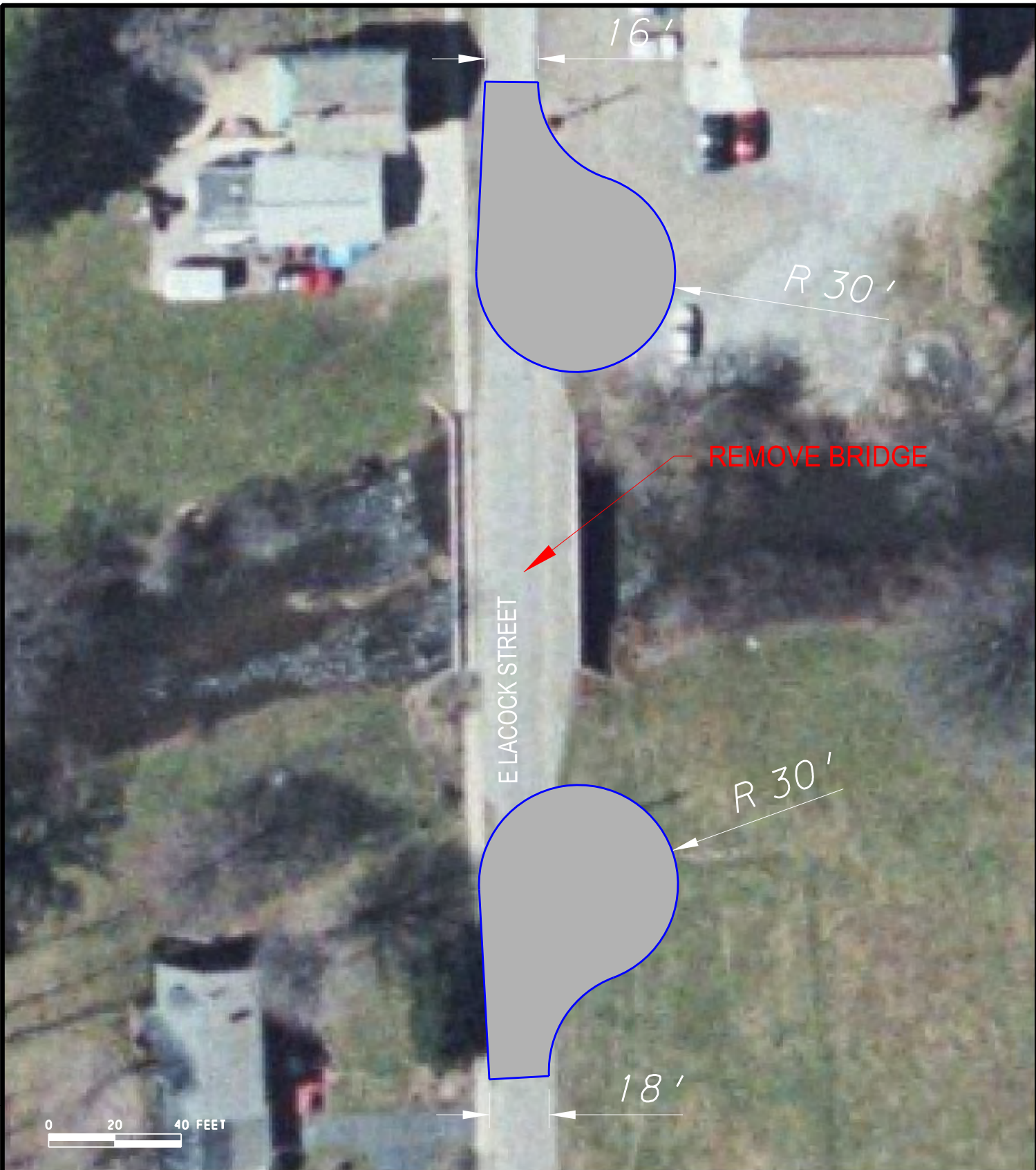


SCALE: 1"=100'



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PROJECT NO.	merce00-14154	EXHIBIT
PROJECT:	MERCER COUNTY BRIDGE CLOSURE STUDY	50
TITLE:	BRIDGE #1606 HUTCHINSON RD LAKE TWP POTENTIAL CUL-DE-SAC LOCATIONS	D.B. <u> </u> NBS C.B. <u> </u> REG REV. <u> </u>





SCALE: 1"=40'

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PROJECT NO.	merce00-14154
PROJECT:	MERCER COUNTY BRIDGE CLOSURE STUDY
TITLE:	BRIDGE #1703 LACOCK ST SANDY LAKE BOROUGH POTENTIAL CUL-DE-SAC LOCATIONS

EXHIBIT	5P
D.B.	MJY
C.B.	REG
REV.	



 SCALE: 1"=100'	 Transportation Solutions for Today and Tomorrow 4955 Steubenville Pike, Suite 400 Pittsburgh, Pennsylvania 15205 / (412) 490-0630	PROJECT NO. merce00-14154	EXHIBIT
		PROJECT: MERCER COUNTY BRIDGE CLOSURE STUDY	<h1>5Q</h1>
		TITLE: BRIDGE #1850 HURON ST SOUTH PYMATUNING TWP POTENTIAL CUL-DE-SAC LOCATION	



0 75 150 FEET

JACK ROAD

REMOVE BRIDGE

13' R 30'

13' R 30'



SCALE: 1"=150'



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PROJECT NO. merce00-14154

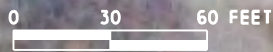
PROJECT: MERCER COUNTY BRIDGE CLOSURE STUDY

TITLE: BRIDGE #2207 JACK RD WORTH TWP POTENTIAL CUL-DE-SAC LOCATIONS

EXHIBIT

5R

D.B. MJY
 C.B. REG
 REV. _____



SCALE: 1"=60'



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PROJECT NO.	merce00-14154
PROJECT:	MERCER COUNTY BRIDGE CLOSURE STUDY
TITLE:	BRIDGE #2329 WENGLER AVE CITY OF SHARON POTENTIAL CUL-DE-SAC LOCATION

EXHIBIT

5S

D.B. MJY
 C.B. REG
 REV. _____



SCALE: 1"=100'



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PROJECT NO.	merce00-14154
PROJECT:	MERCER COUNTY BRIDGE CLOSURE STUDY
TITLE:	BRIDGE #2805 HEASLEY RD SHENANGO TWP POTENTIAL CUL-DE-SAC AND BRANCH TURNAROUND

EXHIBIT

5T

D.B. M JY
 C.B. R EG
 REV.



SCALE: 1"=100'



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PROJECT NO. merce00-14154

PROJECT: MERCER COUNTY BRIDGE CLOSURE STUDY

TITLE: BRIDGE #3011 N SPRING RD
 SPRINGFIELD TWP
 POTENTIAL CUL-DE-SAC LOCATION

EXHIBIT



5U

D.B. MJY
 C.B. REG
 REV. _____

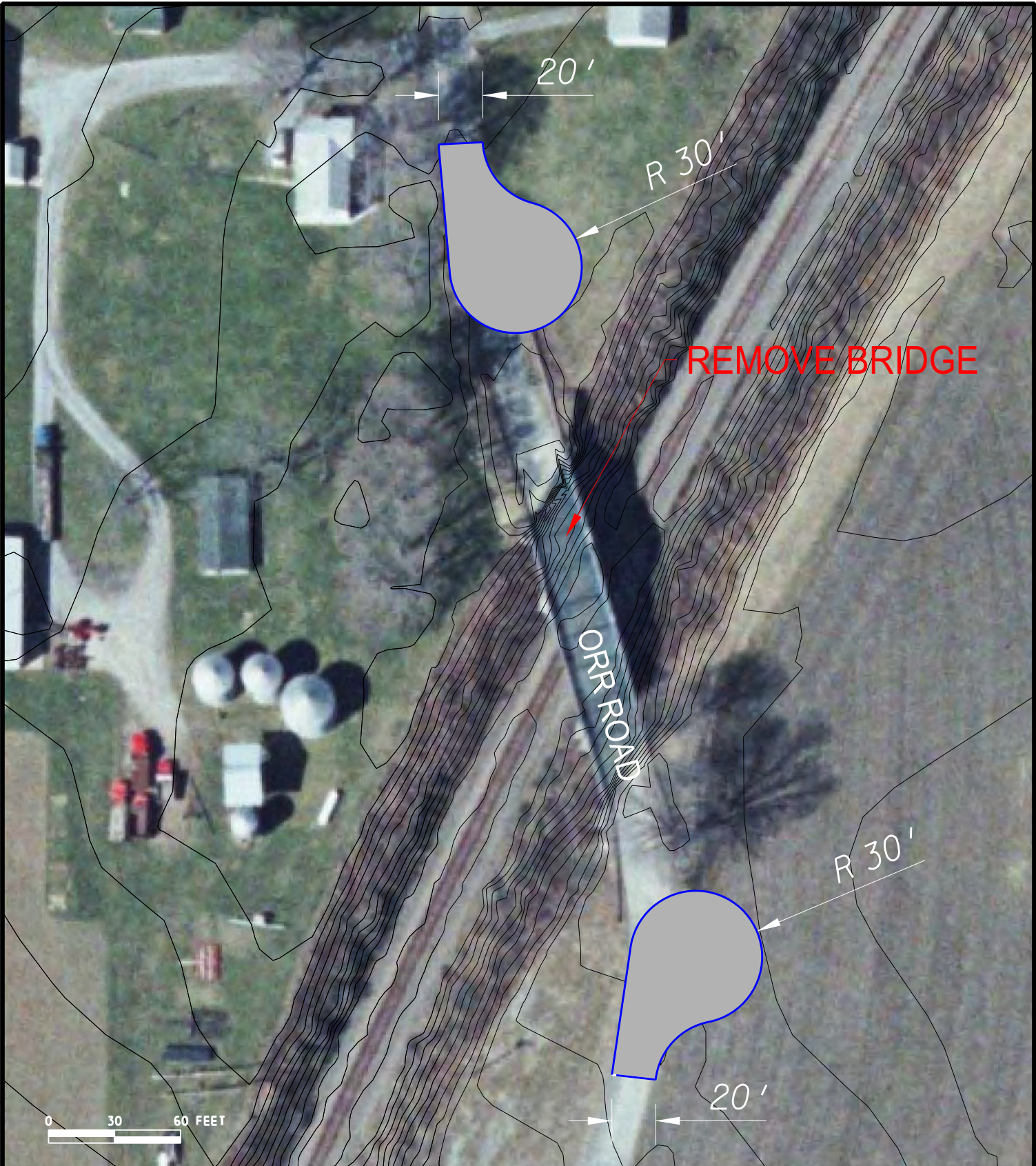
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PLOTTED: 1/28/2015



 SCALE: 1"=120'	 Transportation Solutions for Today and Tomorrow Twin Towers Suite 400 / 4955 Steubenville Pike Pittsburgh, Pennsylvania 15205 / (412) 490-0630	PROJECT NO. merce00-14154	EXHIBIT
		PROJECT: MERCER COUNTY BRIDGE CLOSURE STUDY	5V
TITLE: BRIDGE #3101 PINCHALONG RD PINE TWP		D.B. <u>MLY</u>	C.B. <u>REG</u>
POTENTIAL CUL-DE-SAC LOCATIONS		REV. _____	

PLOTTED: 1/9/2015



FILE NAME: P:\merce00\14154_AerialPhotos\7001.dgn



SCALE: 1"=60'



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PROJECT NO. merce00-14154

PROJECT: MERCER COUNTY
 BRIDGE CLOSURE STUDY

TITLE: BRIDGE #7001 ORR RD
 COOLSPRING TWP
 POTENTIAL CUL-DE-SAC LOCATIONS

EXHIBIT
5W
 D.B. M.J.Y.
 C.B. REG
 REV.

Bridge Number	Location	Owner(s)	Remaining Life (years)	Structurally Deficient or Functionally Obsolete?	Posted Weight Limit?	Total Access Points Affected	Increase in Travel Time Using Detour (1)	Remarks / Considerations	Priority for Closure and Removal (2)
121	N Maysville Rd, Greene Twp	Township	1	SD	N	6	1:43	Ownership of this structure and has been transferred to the municipality and they have replaced it with a culvert	N/A
124	Murphy Rd, Greene Twp	Mercer County	10	SD	N	4	3:13	Grade on detour route is steep with a structurally deficient bridge	2
199	W County Line Rd, Greene Twp	Mercer County/ Crawford County	5	SD	Y	13	3:48		1 ⁽⁴⁾
204	Gardner Hill Rd, Sugar Grove Twp	Mercer County	12		Y	9	3:50	Grade on detour route is steep for farm equipment	3
250	Calvin Rd, Sugar Grove Twp	Township	5	SD	N/A	1	N/A	Bridge is closed	N/A ⁽³⁾
311	Cherry Hill Rd, Salem Twp	Mercer County	10	SD	N	8	3:31		1
811	Scott Rd, Hempfield Twp	Mercer County	10	SD	N	6	1:16	Could affect marketing of property by Greenville Reynolds Development	3
950	Williamson Rd, Otter Creek Twp	Township	5	SD	Y	5	0:39		1 ⁽³⁾
1017	Yeager Rd, Perry Twp	Mercer County	10	SD	Y	3	2:04		1
1201	Crouser School Rd, Mill Creek Twp	Mercer County	12	FO	N	2	3:22		2
1207	Crystal Spring Rd, Mill Creek Twp	Mercer County	14		Y	9	3:45	Bridge is neither SD nor FO but is weight posted	2
1412	Pew Rd, Delaware Twp	Mercer County	10	SD	Y	4	0:19	Significant impact to Camp Nazareth and new businesses	3
1503	Furnace Rd, Fairview Twp	Mercer County	10	SD	N	7	2:25	Significant impact to Amish community and business	3
1605	Steckler Rd, Lake Twp	Mercer County	10	SD	Y	0	0:57	Potential for a business (H & H Materials) to purchase bridge	1
1606	Hutchinson Rd, Lake Twp	Mercer County	12		Y	4	1:04	Potential for a business (H & H Materials) to purchase bridge	2
1703	Lacock St, Sandy Lake Boro	Mercer County	10	SD	N	16	0:19	Safety issue with detour route regarding sight intersection distance	2
1850	Huron St, S. Pymatuning Twp	Township	10	SD	Y	2	0:12		1 ⁽³⁾
2207	Jack Rd, Worth Twp	Mercer County	20	FO	N	2	3:49		2
2329	Wengler Ave, City of Sharon	Mercer County	5	SD	Y	2	0:59		1
2805	Heasley Rd, Shenango Twp	Mercer County	1	SD	Y	24	0:40	Bridge is posted 3 ton	1
3011	N. Spring Rd, Springfield Twp	Mercer County	10	SD	Y	9	3:30	Concern for emergency vehicle response time and impact to Amish	3
3101	Pinchalong Rd, Pine Twp	Mercer County	12	FO	Y	10	2:56		2
7001	Orr Rd, Coolspring Twp	Mercer County/ Township	10	SD	Y	19	2:45	Detour routes do not have vertical clearance to accommodate farm equipment	3 ⁽⁴⁾

(1) From/to nearest public intersection at posted/safe speed.

(2) Priorities are defined as follows:

1 - Begin plan preparation for removal within the next year.

2 - Keep bridge in service until remaining life is 5 years or less, then begin plan preparation for removal.

3 - Bridge may need to remain in service for reasons noted. Further discussions with townships recommended.

(3) To be determined by township.

(4) Owned jointly and will require consensus between owners.



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Pittsburgh, Pennsylvania 15205 / (412) 490-0630

PROJECT NO. merce00 - 14154

PROJECT: MERCER COUNTY
BRIDGE CLOSURE STUDY

TITLE: PRIORITY LIST OF BRIDGES
RECOMMENDED FOR CLOSURE

EXHIBIT

6

D.B. MJY
C.B. REG
REV. _____

APPENDICES

APPENDIX A
SCOPE OF SERVICES

**CONSULTANT'S SCOPE OF SERVICES
BRIDGE CLOSURE AND REMOVAL STUDY
MERCER COUNTY, PENNSYLVANIA**

This scope of services adheres to the Pennsylvania Department of Transportation's *Design Manual Part 1X, Appendix AD*, for non-state bridges only, with exceptions highlighted. The number of bridges anticipated to be evaluated is approximately 255.

This scope includes a ten step process as follows.

Step 1: Obtain Bridge Data from Bridge Management System (BMS)

- Download the Local_Bridges.zip file from the dot ftp site and import into Arc GIS

Step 2: Generate a GIS Map

- Generate a map from the BMS data in Step 1.
- Import additional GIS data into the map including:
 - State and local roads
 - Rivers, creeks, streams
 - Railroads
 - Proposed industrial, commercial, and industrial developments
 - Bridges already identified for closure and removal and programmed on the TIP or 12 Year Program (TYP)
 - EMS locations
 - Important agricultural locations
 - Schools
- Using Arc GIS identify roads with AADTs within certain ranges. Eg. <99 or 100-199
- Identify detour lengths for bridges, favoring routes that are less than 5 miles

Step 3: Determine the Area to be Evaluated

- The study area has already been identified as Mercer County.

Step 4: Develop and Prioritize Initial List of Redundant Bridges

- Perform a query within Arc GIS to select bridges based on predetermined criteria. For example:
 - AADT < 200 and detour length < 5 miles
 - AADT \geq 200 and < 500 and detour length < 2 miles
 - Year Built
 - Structure is structurally deficient or functionally obsolete
 - Length of dead end road after closure
 - EMS route
 - Programmed future maintenance

Step 5: Generate Map of Potential Redundant Bridges

- Develop a map within Arc GIS of potential redundant bridges based on the query performed in previous steps and color code them as possible (red) or not possible (green) for closure

Step 6: Further Evaluate Possible Redundant Bridges (Assumes a Maximum of 25 Potential Bridges)

- Export bridge layers from Arc GIS into an Excel spreadsheet
- Add additional data into the spreadsheet based on field data collection efforts and data provided by the Mercer County Bridge Engineer

- Perform automatic traffic recorder (ATR) counts at the selected bridges (assumes a maximum of 25 locations)
 - Determine function of road based on ATR data collection effort
- Calculate the length of dead end streets for the selected bridges
- Calculate the length of new roadways necessary due to bridge closure (if applicable)
- Determine the number of dwelling units impacted by the closures
- Determine the number of businesses impacted by the closures
- Determine the number of access points along the closure
- Determine the historical status of the bridges
- Calculate the percent change in travel time from original route to detoured route
- Determine existing sidewalk and utility locations
- Determine roads within vicinity of bridges that are typically closed due to flooding
- Identify the Scour Critical Bridge Indicator (Category A, B, C, or D)
- Calculate the Bridge Risk Assessment
- Determine cost of bridge replacement based on area and price per square foot

Step 7: Evaluate Data and Select Bridges for Potential Closure

- Evaluate data from Step 6 and further refine the list of potential bridge closures on an Excel spreadsheet
- Determine if AADT is local or regional traffic
 - Determine if rerouted traffic can be accommodated on detour routes
- Determine environmental impacts to natural resources, cultural resources, and socioeconomic resources associated with bridge closure using the LPN screening forms
- Determine the ROW footprint for any acquisition
- Determine the future need for the bridge based on future residential, commercial and industrial developments (Can the areas still be developed without the bridge)
- Determine width of bridge and lane count. One lane bridges are more likely to be considered redundant.
- Compare previously calculated detour route travel times and how it impacts EMS routes
- Consider impacts to pedestrian routes (if sidewalks are present)
- Consider impacts of utilities (if bridge carries utilities)
- Consider railroad presence and PUC orders regarding maintenance and ownership of structure
- Re-evaluate the surrounding roadway network for flooding and evaluate ability to travel with bridge closure
- Consider age of bridge, size and risk assessment
- Calculate cost per vehicle to evaluate bridges on a more proportional cost/benefit comparison

Step 8: Perform field View of Refined List of Selected Bridges for Potential Closure

- Perform field view of refined list of bridges for potential closure from previous steps (assumes 5 potential bridges at this point)
- Evaluate the selected bridges for additional impacts that may not have been identified through the previous steps

Step 9: Develop Final List of Bridges for Potential Closure

- Develop final list of operationally redundant bridges based on previous steps and coordinate with planning partners and Mercer County.
- Develop mitigation strategies based on planning partners recommendations

Step 10: Present Study Results

- Present study results to elected officials.
- Assist County in their efforts to issue a press release presenting study results
- Present study results at a “Town Meeting”

Step 10: Tasks Which Are Not Included In This Price Proposal

- Develop LPN screening forms for final list of bridges
- Develop plans for road closures and cul-de sacs
- Develop signage plans for bridge closures, road closures and detour routes
- Development of costs associated with bridge removal
- Development of costs associated with required roadway and signage mitigations
- Development of any additional project costs
- Identification of any funding available to assist with projects

APPENDIX B
COMPLETE LISTING OF LOCAL BRIDGES

COMPLETE LISTING OF LOCAL BRIDGES

Bridges 0000 - 0407

Bridge No.	BRKEY	BMS ID				Location	Lat Degrees	Lat Min	Lat Sec	Long Degrees	Long Min	Long Sec	Year Built	Last Rconst type	Reconst Year	Owner	Owner Code	Type service
0000	0026314	43	7231	8818	0000	HARRISVILLE RD WORTH TWP	41	16	52.00	80	02	46.00	1958	060	1997	MERCER COUNTY	02	15
0101	0026141	43	7208	0865	0101	HALFWAY ROAD, GREENE TWP	41	27	30.60	80	25	36.40	1921	000	0000	MERCER COUNTY	02	15
0109	0026142	43	7208	0865	0109	HALFWAY RD., GREENE TWP.	41	27	30.00	80	25	27.00	1983	000	0000	MERCER COUNTY	02	15
0112	0026135	43	7208	0374	0112	SUGAR RUN RD.,GREENE TWP	41	28	40.00	80	29	30.00	1990	000	0000	MERCER COUNTY	02	15
0113	0026136	43	7208	0374	0113	SUGAR RUN RD.,GREENE TWP	41	29	05.70	80	29	28.60	1940	000	0000	MERCER COUNTY	02	15
0114	0044003	43	7208	0374	0114	SUGAR RUN RD. GREENE TWP	41	29	15.80	80	29	27.80	2004	000	0000	MERCER COUNTY	02	15
0118	0026134	43	7208	0372	0118	N.MAYVILLE RD, GREENE TWP	41	27	11.20	80	28	13.90	1976	000	0000	MERCER COUNTY	02	15
0119	0026140	43	7208	0863	0119	DOWLING RD GREENE TWP	41	27	42.80	80	28	29.30	1980	000	0000	MERCER COUNTY	02	15
0120	0026137	43	7208	0398	0120	BANDY RD., GREENE TWP.	41	27	40.30	80	28	44.20	1977	000	0000	MERCER COUNTY	02	15
0121	0026138	43	7208	0398	0121	N. MAYSVILLE, GREENE TWP	41	26	33.30	80	28	21.30	1980	000	0000	MERCER COUNTY	02	15
0124	0026139	43	7208	0480	0124	MURPHY ROAD GREENE TWP	41	28	27.40	80	23	55.70	1963	500	2002	MERCER COUNTY	02	15
0125	0026145	43	7208	0905	0125	TOWER ROAD, GREENE TWP.	41	28	51.10	80	23	43.00	1920	461	1984	MERCER COUNTY	02	15
0194	0026143	43	7208	0869	0194	SHERBUNDY RD., GREENE	41	27	53.80	80	23	13.80	1950	000	0000	MERCER COUNTY	02	15
0199	0026133	43	7208	0301	0199	W COUNTY LINE, GREENE	41	29	17.80	80	29	11.80	1972	000	0000	MERCER/CRAWFORD	02	15
0204	0026282	43	7227	0871	0204	GARDNER HILL SUGAR GROVE	41	27	36.80	80	22	46.80	1934	000	0000	MERCER COUNTY	02	15
0207	0026283	43	7227	0905	0207	K O ROAD, SUGAR GROVE	41	28	31.80	80	21	29.80	1975	000	0000	MERCER COUNTY	02	15
0208	0026278	43	7227	0570	0208	GROOVER RD SUGAR GROVE	41	28	09.20	80	20	30.20	1974	000	0000	MERCER COUNTY	02	15
0213	0026284	43	7227	0905	0213	KO ROAD, SUGAR GROVE	41	28	38.60	80	20	56.00	1932	000	0000	MERCER COUNTY	02	15
0214	0026279	43	7227	0570	0214	GROOVER RD SUGAR GROVE	41	28	53.50	80	20	53.40	1935	000	0000	MERCER COUNTY	02	15
0215	0026280	43	7227	0570	0215	GROOVER RD SUGAR GROVE	41	28	46.50	80	20	50.80	1934	000	0000	MERCER COUNTY	02	15
0216	0026281	43	7227	0847	0216	RILEY RD. SUGAR GROVE	41	26	51.70	80	20	49.40	1934	000	0000	MERCER COUNTY	02	15
0250	0040573	43	7227	0568	0250	CALVIN ROAD	41	27	57.60	80	20	10.80	1900	000	0000	SUGAR GROVE	03	15
0303	0045182	43	7221	0616	0303	DICK ROAD SALEM TWP	41	28	34.40	80	17	22.10	1989	000	0000	MERCER COUNTY	02	15
0311	0026237	43	7221	0849	0311	CHERRY HILL, SALEM TWP.	41	26	49.70	80	17	47.80	1931	000	0000	MERCER COUNTY	02	15
0312	0026235	43	7221	0648	0312	QUINTER ROAD, SALEM TWP.	41	27	29.00	80	16	12.90	1979	000	0000	MERCER COUNTY	02	15
0399	0026236	43	7221	0648	0399	FRITZ ROAD, SALEM TWP	41	28	26.60	80	16	00.70	1963	000	0000	MERCER COUNTY	02	15
0402	0026240	43	7222	0694	0402	BISHOP ROAD SANDY CREEK	41	28	44.00	80	13	55.00	1985	000	0000	MERCER COUNTY	02	15
0403	0026241	43	7222	0714	0403	LARIMER RD. SANDY CREEK	41	28	50.80	80	12	50.40	1962	000	0000	MERCER COUNTY	02	15
0405	0026245	43	7222	0883	0405	SCOTFIELD, SANDY CREEK	41	28	33.00	80	12	29.00	1970	000	0000	MERCER COUNTY	02	15
0406	0026242	43	7222	0718	0406	OLD PERRY HWY SANDY CRK	41	28	11.40	80	11	31.00	1986	000	0000	MERCER COUNTY	02	15
0407	0042408	43	7222	0718	0407	OLD PERRY HWY SANDY CRK	41	27	53.10	80	11	47.20	1986	000	0000	MERCER COUNTY	02	15

COMPLETE LISTING OF LOCAL BRIDGES

Bridges 0000 - 0407

Bridge No.	Location	Appr Pav Width	Appr Rwy Width	Bridge Rwy width	Deck width	Detour	School bus	Pub Trans	Numb Lanes	Hwy System	NHS	Func Clas	State Net	Nat Net	ADT	ADT year	ADTT	ADTT year	Feat Intersected
0000	HARRISVILLE RD WORTH TWP	017	019	023.0	026.1	05	1	0	02	11	0	09	0	0	000203	2013	000018	2013	OVER WOLF CREEK
0101	HALFWAY ROAD, GREENE TWP	014	014	018.0	021.0	07	1	0	02	11	0	08	0	0	000278	2012	000011	2012	OVER SHENANGO RIVER BR.
0109	HALFWAY RD., GREENE TWP.	020	028	028.0	031.5	07	1	0	02	11	0	08	0	0	000246	2013	000010	2013	OVER SHENANGO RIVER
0112	SUGAR RUN RD.,GREENE TWP	000	020	025.9	028.3	03	1	0	02	11	0	08	0	0	000107	2013	000004	2013	OVER SUGAR RUN
0113	SUGAR RUN RD.,GREENE TWP	000	017	000.0	000.0	03	1	0	02	11	0	08	0	0	000113	2012	000004	2012	OVER SUGAR RUN BRANCH
0114	SUGAR RUN RD. GREENE TWP	000	017	000.0	000.0	03	1	0	02	11	0	08	0	0	000113	2012	000004	2012	OVER SUGAR RUN BRANCH
0118	N.MAYVILLE RD, GREENE TWP	018	030	000.0	000.0	02	1	0	02	11	0	08	0	0	000114	2014	000005	2014	OVER BIG RUN
0119	DOWLING RD GREENE TWP	014	017	000.0	000.0	02	1	0	02	11	0	08	3	0	000139	2012	000006	2012	OVER SUGAR RUN
0120	BANDY RD., GREENE TWP.	000	017	000.0	000.0	02	1	0	02	11	0	08	0	0	000025	2012			OVER SUGAR RUN
0121	N. MAYSVILLE, GREENE TWP	013	016	000.0	000.0	03	1	0	02	11	0	08	0	0	000091	2012	000004	2012	OVER W TRIB BIG RUN
0124	MURPHY ROAD GREENE TWP	012	014	015.0	016.0	03	0	0	01	11	0	08	0	0	000059	2013	000002	2013	OVER BRANCH OF SHENANGO
0125	TOWER ROAD, GREENE TWP.	017	029	030.0	030.0	03	1	0	02	11	0	08	0	0	000242	2013	000010	2013	OVER SHENANGO RIVER BR.
0194	SHERBUNDY RD., GREENE	000	017	000.0	000.0	03	1	0	02	11	0	08	0	0	000056	2012	000002	2012	OVER BR LITTLE SHENANGO
0199	W COUNTY LINE, GREENE	018	018	018.0	018.0	03	1	0	02	11	0	08	0	0	000148	2014	000006	2014	OVER SUGAR RUN
0204	GARDNER HILL SUGAR GROVE	016	016	018.5	020.0	05	1	0	02	11	0	08	0	0	000023	2014	000001	2014	OVER SHENANGO RIVER BR.
0207	K O ROAD, SUGAR GROVE	020	020	030.0	034.0	09	1	0	02	11	0	08	5	0	000272	2013	000012	2013	OVER CROOKED CREEK
0208	GROOVER RD SUGAR GROVE	020	020	030.0	034.0	09	1	0	02	11	0	08	0	0	000298	2014	000012	2014	OVER BUFF RUN
0213	KO ROAD, SUGAR GROVE	015	015	018.0	021.0	09	1	0	02	11	0	08	5	0	000255	2012	000010	2012	OVER MINNIS RUN
0214	GROOVER RD SUGAR GROVE	015	016	020.0	024.0	02	1	0	02	11	0	08	0	0	000152	2012	000006	2012	OVER MINNIS HOLLOW
0215	GROOVER RD SUGAR GROVE	014	020	020.0	024.0	02	1	0	02	11	0	08	0	0	000152	2012	000006	2012	OVER MINNIS HOLLOW
0216	RILEY RD. SUGAR GROVE	014	023	023.0	026.0	06	1	0	02	11	0	08	0	0	000196	2013	000008	2013	OVER LITTLE SHENANGO BR
0250	CALVIN ROAD	010	012	011.7	013.5	01	0	0	01	11	0	09	0	0	000013	2003	000001	2003	OVER BLUFF RUN
0303	DICK ROAD SALEM TWP	000	024	000.0	000.0	03	1	0	02	11	0	08	0	0	000024	2012			OVER BUFF RUN
0311	CHERRY HILL, SALEM TWP.	000	017	017.0	021.0	05	1	0	01	11	0	08	0	0	000035	2012			OVER LITTLE SHENANGO TR
0312	QUINTER ROAD, SALEM TWP.	020	020	000.0	000.0	05	1	0	02	11	0	08	0	0	000383	2012	000016	2012	OVER MORRISON RUN
0399	FRITZ ROAD, SALEM TWP	015	024	000.0	000.0	03	1	0	02	11	0	08	0	0	000060	2012	000002	2012	OVER SANDY CREEK TRIB.
0402	BISHOP ROAD SANDY CREEK	020	024	024.8	028.3	06	1	0	02	11	0	08	0	0	000032	2014	000002	2014	OVER SANDY CREEK
0403	LARIMER RD. SANDY CREEK	000	018	028.0	030.0	05	1	0	02	11	0	08	0	0	000048	2013	000002	2013	OVER SANDY CREEK
0405	SCOTFIELD, SANDY CREEK	000	020	030.0	032.0	04	1	0	02	11	0	08	0	0	000031	2013			OVER SANDY CREEK
0406	OLD PERRY HWY SANDY CRK	000	024	024.9	028.3	03	1	0	02	11	0	08	0	0	000074	2014	000003	2014	OVER BLACK RUN
0407	OLD PERRY HWY SANDY CRK	000	024	024.9	024.9	03	1	0	02	11	0	08	0	0	000089	2012	000004	2012	OVER SANDY CREEK

COMPLETE LISTING OF LOCAL BRIDGES

Bridges 0000 - 0407

Bridge No.	Location	Hist Signif	Covered Br	Str Type	Str Type	Culv Len	Str Length	CP/A	Wt Lim	Wt Combo	Date last Insp	Appr Slab	Appr Rwy	Deck WS	Deck	Super	Paint	Sub	Chan	Cul	Rem Life	Str Cond	Dk Gm
0000	HARRISVILLE RD WORTH TWP	5	N	302	ST STRINGER		000033	A			11/05/13	N	7	N	4	8	NN	5	6	N	10	5	4
0101	HALFWAY ROAD, GREENE TWP	5	N	107	RC RIGID FRAME		000015	A			01/09/13	N	6	7	5	5	NN	4	6	N	10	4	3
0109	HALFWAY RD., GREENE TWP.	5	N	302	ST STRINGER		000102	A			04/10/13	N	8	8	8	8	88	8	8	N	38	8	6
0112	SUGAR RUN RD.,GREENE TWP	5	N	505	PS SLAB (SOLID)		000023	A			04/09/13	N	7	8	8	6	NN	8	4	N	30	6	5
0113	SUGAR RUN RD.,GREENE TWP	5	N	119	PC PIPE CULV	00023	000004	A			10/10/12	N	N	N	N	N	NN	N	6	5	17	5	N
0114	SUGAR RUN RD. GREENE TWP	5	N	019	OTHER PIPE CULV	00031	000008	A			10/10/12	N	N	N	N	N	NN	N	7	8	42	8	N
0118	N.MAYVILLE RD,GREENE TWP	5	N	119	RC BOX CULV	00042	000023	P	17	29	04/08/14	N	6	N	N	N	NN	N	6	7	33	4	6
0119	DOWLING RD GREENE TWP	5	N	319	ST PIPE-ARCH	00050	000007	A			10/16/12	N	N	N	N	N	NN	N	7	7	33	7	N
0120	BANDY RD., GREENE TWP.	5	N	319	ST PIPE CULV	00031	000006	A			10/16/12	N	N	N	N	N	NN	N	7	5	17	5	N
0121	N. MAYSVILLE, GREENE TWP	5	N	319	ST PIPE-ARCH	00050	000006	A			10/17/12	N	N	N	N	N	NN	N	7	2	01	2	N
0124	MURPHY ROAD GREENE TWP	5	N	302	ST STRINGER		000023	A			04/23/13	N	6	N	4	5	41	5	5	N	10	5	2
0125	TOWER ROAD, GREENE TWP.	5	N	302	ST STRINGER		000010	A			12/04/13	N	6	N	3	4	21	3	7	N	05	3	6
0194	SHERBUNDY RD., GREENE	5	N	319	ST PIPE CULV	00034	000004	A			10/18/12	N	N	N	N	N	NN	N	7	4	10	4	N
0199	W COUNTY LINE, GREENE	5	N	302	ST STRINGER		000042	P	23	28	04/07/14	N	7	7	7	6	55	3	8	N	05	3	3
0204	GARDNER HILL SUGAR GROVE	5	N	302	ST STRINGER		000026	P	30		04/21/14	N	6	7	6	5	41	5	6	N	12	5	4
0207	K O ROAD, SUGAR GROVE	5	N	505	PS ADJ BOX BM		000069	A			04/16/13	N	8	8	7	6	NN	6	8	N	20	6	6
0208	GROOVER RD SUGAR GROVE	5	N	119	RC BOX CULV	00034	000022	P	10		04/10/14	N	7	7	N	N	NN	N	8	5	17	3	6
0213	KO ROAD, SUGAR GROVE	5	N	101	RC SLAB (SOLID)		000014	A			10/22/12	N	7	6	6	6	NN	4	6	N	10	4	3
0214	GROOVER RD SUGAR GROVE	5	N	101	RC SLAB (SOLID)		000015	A			10/25/12	N	7	7	7	7	NN	7	7	N	26	7	4
0215	GROOVER RD SUGAR GROVE	5	N	101	RC SLAB (SOLID)		000015	A			10/24/12	N	7	7	6	6	NN	5	4	N	14	5	4
0216	RILEY RD. SUGAR GROVE	5	N	101	RC SLAB (SOLID)		000015	A			12/03/13	N	7	7	7	7	NN	7	7	N	26	6	4
0250	CALVIN ROAD	4	N	302	ST STRINGER		000033	C	00		11/01/13	N	5	4	4	5	68	3	7	N	05	3	3
0303	DICK ROAD SALEM TWP	5	N	119	RC BOX CULV	00035	000010	A			10/23/12	N	N	N	N	N	NN	N	7	8	42	8	N
0311	CHERRY HILL, SALEM TWP.	5	N	101	RC SLAB (SOLID)		000015	A			01/04/13	N	6	4	4	4	NN	4	6	N	10	4	3
0312	QUINTER ROAD, SALEM TWP.	5	N	319	ST PIPE-ARCH	00042	000012	A			01/08/13	N	N	N	N	N	NN	N	7	6	25	6	N
0399	FRITZ ROAD, SALEM TWP	5	N	319	ST PIPE-ARCH	00060	000008	A			11/06/12	N	N	N	N	N	NN	N	5	4	10	4	N
0402	BISHOP ROAD SANDY CREEK	5	N	505	PS ADJ BOX BM		000048	A			05/29/14	N	7	7	7	6	NN	7	7	N	23	6	6
0403	LARIMER RD. SANDY CREEK	5	N	302	ST STRINGER		000080	A			04/18/13	N	7	N	6	6	54	7	8	N	20	6	6
0405	SCOTFIELD, SANDY CREEK	5	N	302	ST STRINGER		000074	A			04/23/13	N	7	N	7	7	52	6	9	N	23	6	7
0406	OLD PERRY HWY SANDY CRK	5	N	505	PS SLAB (SOLID)		000023	A			05/01/14	N	7	8	7	7	NN	7	6	N	26	7	6
0407	OLD PERRY HWY SANDY CRK	5	N	319	ST PIPE CULV	00060	000009	A			11/08/12	N	N	N	N	N	NN	N	7	7	33	7	N

COMPLETE LISTING OF LOCAL BRIDGES

Bridges 0000 - 0407

Bridge No.	Location	Un Cl	Wway	Appr Align	Traffic Safety Feat	Br Post	Scour Critical	Sufficiency Rate	SD / FO
0000	HARRISVILLE RD WORTH TWP	N	8	7	6464	9	6	75.3947540541159	S
0101	HALFWAY ROAD, GREENE TWP	N	8	6	4222	6	5	46.3229290138902	S
0109	HALFWAY RD., GREENE TWP.	N	9	8	6525	9	8	99.87072502795	
0112	SUGAR RUN RD.,GREENE TWP	N	8	8	6556	9	5	98.7255614555918	
0113	SUGAR RUN RD.,GREENE TWP	N	8	N	8888	5	8	88.9707913920581	
0114	SUGAR RUN RD. GREENE TWP	N	8	N	8888	5	6	99.97457078395	
0118	N.MAYVILLE RD, GREENE TWP	N	7	8	2222	0	8	71.9686308801224	
0119	DOWLING RD GREENE TWP	N	8	N	8888	5	8	99.9791491672	
0120	BANDY RD., GREENE TWP.	N	8	N	8888	5	8	88.9956917347676	
0121	N. MAYSVILLE, GREENE TWP	N	8	N	8888	5	8	40.9330625	S
0124	MURPHY ROAD GREENE TWP	N	8	8	4222	7	2	67.7297558736361	S
0125	TOWER ROAD, GREENE TWP.	N	9	6	3222	9	5	47.87143328395	S
0194	SHERBUNDY RD., GREENE	N	8	N	8888	5	8	72.9815302667086	S
0199	W COUNTY LINE, GREENE	N	8	8	4525	3	8	23.6636734889773	S
0204	GARDNER HILL SUGAR GROVE	N	8	7	3222	1	3	75.2035628375633	
0207	K O ROAD, SUGAR GROVE	N	9	8	6222	9	3	97.81605849995	
0208	GROOVER RD SUGAR GROVE	N	8	8	6222	0	8	41.9969112889889	F
0213	KO ROAD, SUGAR GROVE	N	8	7	4222	9	6	50.6245142691808	S
0214	GROOVER RD SUGAR GROVE	N	8	7	4222	9	6	79.9714991672	
0215	GROOVER RD SUGAR GROVE	N	8	7	4222	9	3	68.9659991672	
0216	RILEY RD. SUGAR GROVE	N	7	4	4222	7	5	77.8857406014551	
0250	CALVIN ROAD	N	8	6	3222	0	3	18.97928125	S
0303	DICK ROAD SALEM TWP	N	8	N	6666	9	8	99.99459578395	
0311	CHERRY HILL, SALEM TWP.	N	8	8	4222	9	6	59.2263563576389	S
0312	QUINTER ROAD, SALEM TWP.	N	8	N	2222	5	8	96.85634246875	
0399	FRITZ ROAD, SALEM TWP	N	9	N	2222	5	8	69.9802113011914	S
0402	BISHOP ROAD SANDY CREEK	N	8	6	6666	9	4	99.9855325432	
0403	LARIMER RD. SANDY CREEK	N	9	8	4222	9	3	96.98196746875	
0405	SCOTFIELD, SANDY CREEK	N	9	7	4222	9	5	96.9906866752	
0406	OLD PERRY HWY SANDY CRK	N	8	8	6666	9	8	99.98334578395	
0407	OLD PERRY HWY SANDY CRK	N	8	N	5665	5	8	99.97997078395	

COMPLETE LISTING OF LOCAL BRIDGES

Bridges 0408 - 0723

Bridge No.	BRKEY	BMS ID				Location	Lat Degrees	Lat Min	Lat Sec	Long Degrees	Long Min	Long Sec	Year Built	Last Rconst type	Reconst Year	Owner	Owner Code	Type service
0408	0026243	43	7222	0718	0408	OLD PERRY HGY SANDY CRK	41	27	53.60	80	11	46.00	1986	000	0000	MERCER COUNTY	02	15
0411	0026244	43	7222	0746	0411	CARROLL RD., SANDY CREEK	41	26	35.40	80	11	01.50	1970	000	0000	MERCER COUNTY	02	15
0414	0026239	43	7222	0670	0414	PERRINE RD. SANDY CREEK	41	27	03.10	80	15	08.00	1962	000	0000	MERCER COUNTY	02	15
0416	0026238	43	7222	0668	0416	PEARSON RD SANDY CREEK	41	26	21.90	80	15	09.50	1962	661	2010	MERCER COUNTY	02	15
0499	0040571	43	7222	0907	0499	COUNTY LINE, SANDY CREEK	41	28	59.60	80	15	20.50	1999	000	0000	MERCER/CRAWFORD	02	15
0501	0026086	43	7202	0818	0501	GRANGE RD. DEER CREEK	41	28	31.30	80	07	31.30	1963	000	0000	MERCER COUNTY	02	15
0503	0026087	43	7202	0820	0503	DEER CREEK RD. DEER CRK.	41	28	13.90	80	06	43.90	1975	000	0000	MERCER COUNTY	02	15
0504	0026089	43	7202	0889	0504	SUNOL RD. DEER CREEK TWP	41	28	19.60	80	08	57.30	1982	000	0000	MERCER COUNTY	02	15
0506	0026088	43	7202	0825	0506	SMOLA RD. DEER CREEK TWP	41	26	24.70	80	08	00.70	1979	000	0000	MERCER COUNTY	02	15
0550	0044303	43	7202	0889	0550	DEER CREEK TOWNSHIP	41	28	22.69	80	07	13.13	2007	000	0000	TOWNSHIP	03	15
0601	0042407	43	7207	0859	0601	CREEK RD. FRENCH CREEK	41	27	18.00	80	02	06.00	1950	000	0000	MERCER COUNTY	02	15
0602	0026131	43	7207	0897	0602	HOLLIBAUGH RD, FRENCH CK	41	28	54.00	80	01	00.00	1977	000	0000	MERCER COUNTY	02	15
0606	0026122	43	7207	0859	0606	DEER CREEK RD, FR CR TWP	41	27	27.10	80	00	26.00	1960	000	0000	MERCER COUNTY	02	15
0607	0026120	43	7207	0846	0607	BRANCH RD. FRENCH CREEK	41	28	13.00	80	05	55.00	1990	000	0000	MERCER COUNTY	02	15
0608	0039553	43	7207	0874	0608	LOWER RD., FRENCH CREEK	41	28	00.00	80	04	54.00	1997	000	0000	MERCER COUNTY	02	15
0611	0026123	43	7207	0859	0611	CREEK RD FRENCH CREEK TW	41	27	34.00	80	03	20.00	1987	000	0000	MERCER COUNTY	02	15
0612	0026127	43	7207	0884	0612	NORTH RD FRENCH CREEK	41	27	13.00	80	03	09.00	1987	000	0000	MERCER COUNTY	02	15
0613	0026124	43	7207	0859	0613	CREEK RD FRENCH CREEK TW	41	27	09.10	80	02	28.90	1965	500	1982	MERCER COUNTY	02	15
0614	0026128	43	7207	0884	0614	NORTH RD. FRENCH CREEK	41	26	48.00	80	03	14.40	1963	000	0000	MERCER COUNTY	02	15
0615	0026118	43	7207	0831	0615	SMITH RD., FRENCH CREEK	41	26	21.60	80	02	58.90	1975	000	0000	MERCER COUNTY	02	15
0616	0026119	43	7207	0831	0616	SMITH RD., FRENCH CREEK	41	26	23.70	80	03	46.00	1970	000	0000	MERCER COUNTY	02	15
0650	0026130	43	7207	0895	0650	FRENCH CREEK TWP	41	29	05.30	80	01	51.90	1905	660	2013	FRENCH CREEK TWP	03	15
0651	0047855	43	7207	0860	0651	FRENCH CREEK TOWNSHIP	41	28	36.00	80	01	18.00	2012	000	0000	FRENCH CREEK TWP	03	15
0699	0026132	43	7207	0915	0699	COUNTY LINE, FRENCH CK	41	29	22.00	80	01	07.70	1961	000	0000	MERCER/CRAWFORD	02	15
0702	0026293	43	7228	0811	0702	WISE ROAD WEST SALEM TWP	41	26	08.50	80	28	00.20	1968	000	0000	MERCER COUNTY	02	15
0710	0044046	43	7228	0322	0710	N. ST. LINE RD., W.SALEM	41	23	30.00	80	30	42.00	1991	000	0000	MERCER COUNTY	02	15
0711	0026285	43	7228	0320	0711	S. BARRY RD. WEST SALEM	41	23	04.00	80	30	03.00	1990	000	0000	MERCER COUNTY	02	15
0712	0026286	43	7228	0320	0712	S. BARRY RD, W SALEM TWP	41	22	51.40	80	30	05.20	1964	663	1999	MERCER COUNTY	02	15
0720	0026289	43	7228	0430	0720	S. MAYSVILLE W SALEM TWP	41	22	34.50	80	26	10.60	1963	000	0000	MERCER COUNTY	02	15
0722	0026290	43	7228	0430	0722	S MAYSVILLE WEST SALEM	41	22	00.10	80	26	05.80	1973	000	0000	MERCER COUNTY	02	15
0723	0026291	43	7228	0677	0723	COSSITT RD. W. SALEM TWP	41	22	00.30	80	25	36.30	1977	000	0000	MERCER COUNTY	02	15

COMPLETE LISTING OF LOCAL BRIDGES

Bridges 0408 - 0723

Bridge No.	Location	Appr Pav Width	Appr Rwy Width	Bridge Rwy width	Deck width	Detour	School bus	Pub Trans	Numb Lanes	Hwy System	NHS	Func Clas	State Net	Nat Net	ADT	ADT year	ADTT	ADTT year	Feat Intersected
0408	OLD PERRY HGY SANDY CRK	000	024	024.9	028.3	03	1	0	02	11	0	08	0	0	000069	2014	000003	2014	OVER SANDY CREEK
0411	CARROLL RD., SANDY CREEK	000	030	000.0	000.0	04	1	0	02	11	0	08	0	0	000047	2012	000002	2012	OVER MILL RUN
0414	PERRINE RD. SANDY CREEK	015	028	000.0	000.0	06	1	0	02	11	0	08	0	0	000078	2012	000003	2012	OVER MORRISON RUN TRIB.
0416	PEARSON RD SANDY CREEK	000	016	024.3	027.3	05	1	0	02	11	0	08	0	0	000045	2013	000002	2013	OVER MORRISON RUN
0499	COUNTY LINE, SANDY CREEK	020	024	025.4	028.3	08	1	0	02	11	0	08	5	0	000198	2013	000008	2013	OVER SANDY CREEK
0501	GRANGE RD. DEER CREEK	000	024	000.0	000.0	03	1	0	02	11	0	08	0	0	000042	2012	000002	2012	OVER NORTH DEER CREEK
0503	DEER CREEK RD. DEER CRK.	000	024	030.0	034.0	03	1	0	02	11	0	08	3	0	000072	2014	000003	2014	OVER NORTH DEER CREEK
0504	SUNOL RD. DEER CREEK TWP	018	032	032.0	035.0	08	0	0	02	11	0	08	0	0	000030	2014	000002	2014	OVER BLACK RUN
0506	SMOLA RD. DEER CREEK TWP	000	016	030.0	034.0	03	1	0	02	11	0	08	0	0	000027	2013			OVER SCHOFIELDS RUN
0550	DEER CREEK TOWNSHIP	018	021	021.0	024.5	06	1	0	02	11	0	09	0	0	000045	2014	000002	2014	OVER NORTH DEER CREEK
0601	CREEK RD. FRENCH CREEK	000	018	000.0	000.0	03	1	0	02	11	0	08	0	0	000019	2012	000002	2012	OVER NORTH DEER CREEK TR
0602	HOLLIBAUGH RD, FRENCH CK	000	015	000.0	000.0	02	1	0	02	11	0	08	0	0	000036	2013			OVER POWDER MILL RUN
0606	DEER CREEK RD, FR CR TWP	000	024	000.0	000.0	15	1	0	02	11	0	08	0	0	000051	2013			OVER NORTH DEER CREEK BR
0607	BRANCH RD. FRENCH CREEK	000	020	025.7	028.3	06	0	0	02	11	0	08	3	0	000037	2013			OVER NORTH DEER CREEK
0608	LOWER RD., FRENCH CREEK	000	020	024.8	028.3	05	0	0	02	11	0	08	0	0	000037	2013			OVER NORTH DEER CREEK
0611	CREEK RD FRENCH CREEK TWP	000	024	024.9	028.3	03	0	0	02	11	0	08	0	0	000031	2014	000002	2014	OVER NORTH DEER CREEK
0612	NORTH RD FRENCH CREEK	000	024	024.9	028.3	08	1	0	02	11	0	08	0	0	000092	2013	000004	2013	OVER NORTH DEER CREEK
0613	CREEK RD FRENCH CREEK TWP	000	020	028.0	030.0	03	0	0	02	11	0	08	0	0	000112	2014	000004	2014	OVER NORTH DEER CREEK
0614	NORTH RD. FRENCH CREEK	000	032	000.0	000.0	08	1	0	02	11	0	08	0	0	000043	2013	000002	2013	OVER S. TR. TO N DEER CK
0615	SMITH RD., FRENCH CREEK	014	030	000.0	000.0	06	1	0	02	11	0	08	0	0	000035	2013	000002	2013	OVER S.TR.TO N. DEER CRK
0616	SMITH RD., FRENCH CREEK	014	030	000.0	000.0	08	1	0	02	11	0	08	0	0	000096	2013	000004	2013	OVER S.TR. TO N. DEER CK
0650	FRENCH CREEK TWP	000	010	015.9	015.9	02	0	0	01	11	0	08	0	0	000024	2014			OVER BRANCH FRENCH CRK
0651	FRENCH CREEK TOWNSHIP	020	024	024.4	033.4	02	1	0	02	11	0	09	3	0	000263	2013	000010	2013	POWDERMILL RUN
0699	COUNTY LINE, FRENCH CK	018	034	000.0	000.0	04	1	0	02	11	0	08	5	0	000389	2013	000016	2013	OVER POWDER MILL RUN
0702	WISE ROAD WEST SALEM TWP	016	022	030.0	032.0	03	1	0	02	11	0	08	0	0	000107	2014	000004	2014	OVER BIG RUN
0710	N. ST. LINE RD., W.SALEM	020	024	024.8	028.9	01	1	0	02	11	0	08	3	0	000120	2012	000005	2012	OVER BOOTH RUN
0711	S. BARRY RD. WEST SALEM	020	024	025.8	028.3	06	1	0	02	11	0	08	0	0	000072	2013			OVER BOOTH RUN
0712	S. BARRY RD, W SALEM TWP	012	012	026.7	029.7	06	1	0	02	11	0	08	0	0	000050	2013			OVER BOOTH RUN
0720	S. MAYSVILLE W SALEM TWP	019	032	000.0	000.0	02	1	0	02	11	0	08	0	0	000263	2013	000010	2013	OVER BIG RUN TRIB
0722	S MAYSVILLE WEST SALEM	018	030	000.0	000.0	06	1	0	02	11	0	08	0	0	000202	2014	000008	2014	OVER BIG RUN TRIB
0723	COSSITT RD. W. SALEM TWP	019	019	030.0	036.0	04	1	0	02	11	0	08	0	0	000069	2013			OVER BIG RUN BRANCH

COMPLETE LISTING OF LOCAL BRIDGES

Bridges 0408 - 0723

Bridge No.	Location	Hist Signif	Covered Br	Str Type	Str Type	Culv Len	Str Length	CP/A	Wt Lim	Wt Combo	Date last Insp	Appr Slab	Appr Rwy	Deck WS	Deck	Super	Paint	Sub	Chan	Cul	Rem Life	Str Cond	Dk Gm
0408	OLD PERRY HGY SANDY CRK	5	N	505	PS ADJ BOX BM		000047	A			05/29/14	N	7	7	7	6	NN	7	7	N	23	6	5
0411	CARROLL RD., SANDY CREEK	5	N	319	ST PIPE-ARCH	00041	000017	A			11/13/12	N	N	N	N	N	NN	N	7	6	25	6	N
0414	PERRINE RD. SANDY CREEK	5	N	319	ST PIPE-ARCH	00080	000008	A			11/09/12	N	N	N	N	N	NN	N	7	3	05	3	N
0416	PEARSON RD SANDY CREEK	5	N	505	PS SPR BOX BM		000026	A			04/17/13	N	7	8	8	8	NN	6	7	N	30	6	6
0499	COUNTY LINE, SANDY CREEK	5	N	505	PS ADJ BOX BM		000039	A			10/01/13	N	8	8	6	6	NN	8	7	N	23	6	6
0501	GRANGE RD. DEER CREEK	5	N	319	ST PIPE-ARCH	00039	000010	A			11/14/12	N	N	N	N	N	NN	N	7	6	25	6	N
0503	DEER CREEK RD. DEER CRK.	5	N	119	RC BOX CULV	00034	000043	P	23	32	04/28/14	N	7	7	N	N	NN	N	7	7	33	5	7
0504	SUNOL RD. DEER CREEK TWP	5	N	119	RC BOX CULV	00035	000022	A			05/06/14	N	7	7	N	N	NN	N	7	7	33	7	8
0506	SMOLA RD. DEER CREEK TWP	5	N	119	RC BOX CULV	00036	000022	A			04/25/13	N	7	8	N	N	NN	N	6	7	33	7	7
0550	DEER CREEK TOWNSHIP	4	N	122	PC CHANNEL BM		000033	A			04/28/14	N	7	8	8	8	NN	8	7	N	38	8	5
0601	CREEK RD. FRENCH CREEK	5	N	319	ST PIPE-ARCH	00030	000006	A			11/15/12	N	N	N	N	N	NN	N	4	6	25	6	N
0602	HOLLIBAUGH RD, FRENCH CK	5	N	319	ST ARCH CULV	00042	000026	A			05/01/13	N	N	N	N	N	NN	N	5	7	33	7	N
0606	DEER CREEK RD, FR CR TWP	5	N	319	ST PIPE-ARCH	00032	000010	A			12/05/13	N	N	N	N	N	NN	N	7	7	33	7	N
0607	BRANCH RD. FRENCH CREEK	5	N	505	PS SLAB (SOLID)		000027	A			05/01/13	N	8	8	8	8	NN	8	8	N	38	8	6
0608	LOWER RD., FRENCH CREEK	5	N	505	PS ADJ BOX BM		000034	A			05/02/13	N	8	8	6	6	NN	8	8	N	23	6	6
0611	CREEK RD FRENCH CREEK TV	5	N	505	PS ADJ BOX BM		000047	A			05/08/14	N	6	7	6	6	NN	7	7	N	20	6	6
0612	NORTH RD FRENCH CREEK	5	N	505	PS ADJ BOX BM		000047	A			05/09/13	N	7	8	8	8	NN	8	8	N	38	8	5
0613	CREEK RD FRENCH CREEK TV	5	N	302	ST STRINGER		000064	A			05/19/14	N	7	N	8	4	21	4	7	N	10	4	6
0614	NORTH RD. FRENCH CREEK	5	N	319	ST PIPE-ARCH	00038	000013	A			12/05/13	N	N	N	N	N	NN	N	7	5	17	5	N
0615	SMITH RD., FRENCH CREEK	5	N	319	ST PIPE-ARCH	00045	000012	A			12/09/13	N	N	N	N	N	NN	N	7	7	33	7	N
0616	SMITH RD., FRENCH CREEK	5	N	319	ST PIPE-ARCH	00038	000013	A			12/09/13	N	N	N	N	N	NN	N	7	7	33	7	N
0650	FRENCH CREEK TWP	5	N	302	ST STRINGER		000025	A			03/24/14	N	6	N	8	8	9N	6	4	N	30	6	7
0651	FRENCH CREEK TOWNSHIP	5	N	119	PC BOX CULV	00033	000020	A			05/06/13	N	8	N	N	N	NN	N	6	8	42	8	5
0699	COUNTY LINE, FRENCH CK	5	N	119	RC BOX CULV	00070	000016	A			12/23/13	N	N	N	N	N	NN	N	7	5	17	5	N
0702	WISE ROAD WEST SALEM TWP	5	N	302	ST STRINGER		000066	A			05/12/14	N	6	N	5	5	21	7	7	N	14	5	6
0710	N. ST. LINE RD., W.SALEM	5	N	505	PS SLAB (SOLID)		000019	A			01/10/13	N	8	8	8	7	NN	8	7	N	34	7	5
0711	S. BARRY RD. WEST SALEM	5	N	505	PS ADJ BOX BM		000030	A			05/13/13	N	8	8	8	8	NN	8	8	N	38	8	6
0712	S. BARRY RD, W SALEM TWP	5	N	505	PS SLAB (SOLID)		000026	A			05/13/13	N	7	8	8	8	NN	7	6	N	34	7	6
0720	S. MAYSVILLE W SALEM TWP	5	N	319	ST PIPE-ARCH	00040	000010	A			12/10/13	N	N	N	N	N	NN	N	7	6	25	6	N
0722	S MAYSVILLE WEST SALEM	5	N	319	ST PIPE-ARCH	00042	000010	A			01/13/14	N	N	N	N	N	NN	N	6	6	25	6	N
0723	COSSITT RD. W. SALEM TWP	5	N	101	RC SLAB (SOLID)		000032	A			05/21/13	N	7	7	7	7	NN	8	7	N	30	7	6

COMPLETE LISTING OF LOCAL BRIDGES

Bridges 0408 - 0723

Bridge No.	Location	Un Cl	Wway	Appr Align	Traffic Safety Feat	Br Post	Scour Critical	Sufficiency Rate	SD / FO
0408	OLD PERRY HGY SANDY CRK	N	8	8	6666	9	8	98.9842859625214	
0411	CARROLL RD., SANDY CREEK	N	8	N	2222	5	8	96.9858866752	
0414	PERRINE RD. SANDY CREEK	N	8	N	2222	5	8	52.9271642505171	S
0416	PEARSON RD SANDY CREEK	N	8	6	8888	9	8	99.98309246875	
0499	COUNTY LINE, SANDY CREEK	N	8	8	6884	9	8	95.2682821526221	
0501	GRANGE RD. DEER CREEK	N	8	N	2222	5	8	96.99054578395	
0503	DEER CREEK RD. DEER CRK.	N	8	8	6222	1	8	77.5068776560977	
0504	SUNOL RD. DEER CREEK TWP	N	8	8	6666	8	6	99.9817868032	
0506	SMOLA RD. DEER CREEK TWP	N	8	8	6222	7	8	97.99392078395	
0550	DEER CREEK TOWNSHIP	N	7	8	8884	9	8	98.9794414717714	
0601	CREEK RD. FRENCH CREEK	N	6	N	8888	5	8	99.99572078395	
0602	HOLLIBAUGH RD, FRENCH CK	N	8	6	2222	5	6	96.9945991672	
0606	DEER CREEK RD, FR CR TWP	N	8	N	2222	5	8	96.93998996875	
0607	BRANCH RD. FRENCH CREEK	N	8	8	6665	9	5	99.9832825432	
0608	LOWER RD., FRENCH CREEK	N	8	7	6666	9	8	99.98609246875	
0611	CREEK RD FRENCH CREEK TV	N	8	8	6665	9	5	99.99302078395	
0612	NORTH RD FRENCH CREEK	N	8	8	6524	9	5	97.9439296603429	
0613	CREEK RD FRENCH CREEK TV	N	8	8	4222	9	5	69.9630647494672	S
0614	NORTH RD. FRENCH CREEK	N	8	N	2222	5	8	85.9701516680649	
0615	SMITH RD., FRENCH CREEK	N	8	N	5666	5	8	99.9841825432	
0616	SMITH RD., FRENCH CREEK	N	8	N	5664	5	8	99.9421868032	
0650	FRENCH CREEK TWP	N	8	4	4222	0	3	87.1209259558855	
0651	FRENCH CREEK TOWNSHIP	N	7	7	8884	9	8	89.9552891672	
0699	COUNTY LINE, FRENCH CK	N	8	N	8888	9	8	88.8659393779027	
0702	WISE ROAD WEST SALEM TWP	N	8	8	4222	8	3	84.1859211826685	
0710	N. ST. LINE RD., W.SALEM	N	8	6	6666	9	5	95.9905555035056	
0711	S. BARRY RD. WEST SALEM	N	8	8	6544	9	5	98.9675325432	
0712	S. BARRY RD, W SALEM TWP	N	8	7	8878	9	5	99.9774325432	
0720	S. MAYSVILLE W SALEM TWP	N	8	N	2222	5	8	96.9605491672	
0722	S MAYSVILLE WEST SALEM	N	8	N	2222	5	8	96.9090325432	
0723	COSSITT RD. W. SALEM TWP	N	7	8	6222	9	3	97.9792866752	

COMPLETE LISTING OF LOCAL BRIDGES

Bridges 0724 - 1201

Bridge No.	BRKEY	BMS ID				Location	Lat Degrees	Lat Min	Lat Sec	Long Degrees	Long Min	Long Sec	Year Built	Last Rconst type	Reconst Year	Owner	Owner Code	Type service
0724	0026292	43	7228	0677	0724	COSSITT RD., W. SALEM	41	22	03.10	80	25	16.60	1962	000	0000	MERCER COUNTY	02	15
0795	0042409	43	7228	0372	0795	CARR ROAD,W SALEM TWP	41	26	30.00	80	28	44.90	1990	000	0000	MERCER COUNTY	02	15
0802	0026335	43	7403	8812	0802	N. RACE ST. GREENVILLE	41	24	25.70	80	23	30.70	1921	600	1960	MERCER COUNTY	02	55
0803	0026334	43	7403	8811	0803	OHL ST.,GREENVILLE	41	23	59.80	80	23	24.20	1909	000	0000	MERCER COUNTY	02	55
0811	0026149	43	7209	0508	0811	SCOTT RD HEMPFIELD TWP	41	22	33.40	80	22	00.90	1957	000	0000	MERCER COUNTY	02	15
0812	0026148	43	7209	0506	0812	BLAHUT RD HEMPFIELD TWP	41	22	35.00	80	22	34.00	1995	000	0000	MERCER COUNTY	02	15
0813	0041948	43	7209	0470	0813	HAMBURG RD HEMPFIELD TWP	41	23	41.00	80	22	50.00	2003	000	0000	MERCER COUNTY	02	15
0815	0043333	43	7403	8822	0815	HAMBURG RD, GREENVILLE	41	23	50.90	80	22	46.80	1974	000	0000	MERCER COUNTY	02	15
0816	0026332	43	7403	8805	0816	LANCASTER AVE GREENVILLE	41	23	49.10	80	22	53.40	1982	000	0000	MERCER COUNTY	02	15
0817	0026147	43	7209	0470	0817	HAMBURG RD HEMPFIELD TWP	41	23	40.40	80	22	51.50	1963	000	0000	MERCER COUNTY	02	15
0820	0043329	43	7403	8823	0820	MEHARD AVE.,GREENVILLE	41	23	53.20	80	22	03.4	1963	000	0000	MERCER COUNTY	02	15
0850	0026333	43	7403	8806	0850	LEBANON AVE, GREENVILLE	41	23	50.60	80	22	49.60	1934	000	0000	GREENVILLE BORO	03	15
0903	0026206	43	7217	0636	0903	BUSH RD OTTER CREEK TWP	41	22	09.10	80	16	50.00	1958	663	1998	MERCER COUNTY	02	15
0904	0026209	43	7217	0685	0904	BUSH RD., OTTER CREEK T	41	22	09.80	80	17	39.10	1975	000	0000	MERCER COUNTY	02	15
0905	0026207	43	7217	0638	0905	PILGRIM RD OTTER CREEK	41	22	58.70	80	15	58.30	1971	000	0000	MERCER COUNTY	02	15
0906	0026210	43	7217	0717	0906	STRAUB ROAD OTTER CREEK	41	22	52.00	80	17	49.00	1985	000	0000	MERCER COUNTY	02	15
0907	0026211	43	7217	0765	0907	LINN-TYRO RD. OTTER CRK.	41	24	27.70	80	17	16.10	1976	000	0000	MERCER COUNTY	02	15
0908	0026204	43	7217	0614	0908	FREELAND RD., OTTER CRK	41	25	13.00	80	17	18.00	1984	000	0000	MERCER COUNTY	02	15
0909	0026208	43	7217	0642	0909	LONG HILL OTTER CREEK	41	25	08.00	80	16	13.00	1984	000	0000	MERCER COUNTY	02	15
0910	0026205	43	7217	0614	0910	HENRY RD,OTTER CREEK TWP	41	24	56.00	80	17	21.00	1963	000	0000	MERCER COUNTY	02	15
0911	0026212	43	7217	0765	0911	LINN-TYRO, OTTER CREEK	41	23	48.60	80	16	17.60	1986	000	0000	MERCER COUNTY	02	15
0950	0026203	43	7217	0613	0950	WILLIAMSON, OTTER CREEK	41	25	12.10	80	18	00.30	1934	000	0000	OTTER CREEK TWP.	03	15
1003	0026213	43	7218	0668	1003	PEARSON RD. PERRY TWP.	41	24	46.00	80	15	03.00	1992	000	0000	MERCER COUNTY	02	15
1015	0026217	43	7218	0740	1015	MILL ROAD PERRY TWP.	41	23	59.80	80	11	12.60	1885	000	0000	MERCER COUNTY	02	15
1017	0026214	43	7218	0693	1017	YEAGER RD. PERRY TWP.	41	22	27.70	80	10	50.90	1961	000	0000	MERCER COUNTY	02	15
1018	0026215	43	7218	0736	1018	SMALL ROAD, PERRY TWP.	41	22	22.10	80	11	09.30	1982	000	0000	MERCER COUNTY	02	15
1019	0026216	43	7218	0736	1019	SMALL ROAD, PERRY TWP.	41	22	10.80	80	11	12.00	1966	000	0000	MERCER COUNTY	02	15
1110	0026201	43	7216	0738	1110	CAREY RD., NEW VERNON	41	22	31.40	80	10	31.20	1958	000	0000	MERCER COUNTY	02	15
1111	0026202	43	7216	0760	1111	CARPENTER RD, NEW VERNON	41	22	23.40	80	10	02.00	1960	000	0000	MERCER COUNTY	02	15
1112	0026200	43	7216	0695	1112	SHELL ROAD NEW VERNON	41	22	17.70	80	09	15.40	1994	000	0000	MERCER COUNTY	02	15
1201	0026195	43	7215	0884	1201	CROUSER SCHOOL MILLCREEK	41	25	10.70	80	03	11.00	1908	411	1984	MERCER COUNTY	02	15

COMPLETE LISTING OF LOCAL BRIDGES

Bridges 0724 - 1201

Bridge No.	Location	Appr Pave Width	Appr Rwy Width	Bridge Rwy width	Deck width	Detour	School bus	Pub Trans	Numb Lanes	Hwy System	NHS	Func Clas	State Net	Nat Net	ADT	ADT year	ADTT	ADTT year	Feat Intersected
0724	COSSITT RD., W. SALEM	017	017	026.0	026.5	06	1	0	02	11	0	08	0	0	000069	2013			OVER BIG RUN
0795	CARR ROAD,W SALEM TWP	020	020	020.0	000.0	03	1	0	02	11	0	08	0	0	000031	2012			OVER W TR OF BIG RUN
0802	N. RACE ST. GREENVILLE	020	020	020.0	030.0	02	1	1	02	12	0	17	0	0	001472	2014	000059	2014	OVER LITTLE SHENANGO
0803	OHL ST.,GREENVILLE	029	029	029.0	038.0	02	1	1	02	12	0	17	0	0	003024	2009	000121	2009	OVER SHENANGO RIVER
0811	SCOTT RD HEMPFIELD TWP	016	017	024.0	024.7	02	1	1	02	11	0	08	0	0	000157	2014	000006	2014	OVER SHENANGO RIVER TRIB
0812	BLAHUT RD HEMPFIELD TWP	024	024	024.8	028.3	02	1	0	02	11	0	08	0	0	000334	2013	000013	2013	OVER SHENANGO RIVER BR
0813	HAMBURG RD HEMPFIELD TW	017	017	029.4	032.3	04	1	1	02	11	0	08	0	0	002546	2013	000102	2013	OVER SHENANGO RIVER BR
0815	HAMBURG RD, GREENVILLE	018	030	030.0	034.0	02	1	0	02	07	0	08	0	0	002385	2014	000096	2014	OVER SAUL RUN
0816	LANCASTER AVE GREENVILLE	020	024	024.0	027.5	01	1	1	02	12	0	17	0	0	000205	2012	000008	2012	OVER SAUL RUN
0817	HAMBURG RD HEMPFIELD TW	022	022	000.0	000.0	04	1	1	02	11	0	08	0	0	002981	2013	000119	2013	OVER MATHAY RUN
0820	MEHARD AVE.,GREENVILLE	020	036	000.0	000.0	02	1	0	02	11	0	08	0	0	002403	2014	000096	2014	OVER SAUL RUN
0850	LEBANON AVE, GREENVILLE	025	025	036.1	048.1	01	1	1	02	12	0	17	0	0	000135	2014	000006	2014	OVER SAUL RUN
0903	BUSH RD OTTER CREEK TWP	016	016	022.6	025.6	03	1	0	02	11	0	08	0	0	000133	2014	000005	2014	OVER OTTER CREEK TRIB
0904	BUSH RD., OTTER CREEK T	019	019	030.0	034.0	04	1	0	02	11	0	08	0	0	000135	2014	000005	2014	OVER OTTER CREEK
0905	PILGRIM RD OTTER CREEK	000	030	000.0	000.0	03	1	0	02	11	0	08	0	0	000030	2014	000001	2014	OVER OTTER CREEK TRIB
0906	STRAUB ROAD OTTER CREEK	000	024	024.8	028.3	04	1	0	02	11	0	08	0	0	000052	2014	000002	2014	OVER OTTER CREEK
0907	LINN-TYRO RD. OTTER CRK.	000	018	000.0	000.0	06	1	0	02	11	0	08	0	0	000163	2012	000007	2012	OVER LITTLE SHENANGO TR.
0908	FREELAND RD., OTTER CRK	028	028	028.9	032.0	08	1	1	02	11	0	08	0	0	000487	2014	000020	2014	OVER LITTLE SHENANGO RIV
0909	LONG HILL OTTER CREEK	020	028	028.9	032.0	03	1	1	02	11	0	08	0	0	000106	2014	000004	2014	OVER L SHENANGO RIVER
0910	HENRY RD,OTTER CREEK TWP	020	020	028.0	030.0	06	1	1	02	11	0	08	0	0	000253	2014	000010	2014	OVER L. SHENANGO BRANCH
0911	LINN-TYRO, OTTER CREEK	000	025	000.0	000.0	06	1	0	02	11	0	08	0	0	000075	2014	000003	2014	OVER LITTLE SHENANGO TR.
0950	WILLIAMSON, OTTER CREEK	014	014	024.0	027.0	02	0	0	02	11	0	09	0	0	000043	2014			OVER BRANCH L. SHENANGO
1003	PEARSON RD. PERRY TWP.	022	022	024.8	028.3	03	1	1	02	11	0	08	0	0	000152	2013	000006	2013	OVER LITTLE SHENANGO R
1015	MILL ROAD PERRY TWP.	000	011	012.0	012.0	03	1	1	01	11	0	08	0	0	000034	2014			OVER LITTLE SHENANGO R.
1017	YEAGER RD. PERRY TWP.	000	019	024.0	026.0	01	1	0	02	11	0	08	0	0	000039	2014			OVER PINE RUN
1018	SMALL ROAD, PERRY TWP.	000	028	000.0	000.0	01	1	0	02	11	0	08	0	0	000033	2014			OVER PINE RUN
1019	SMALL ROAD, PERRY TWP.	000	030	000.0	000.0	01	1	0	02	11	0	08	0	0	000047	2014			OVER PINE RUN
1110	CAREY RD., NEW VERNON	000	016	024.0	026.0	02	1	0	02	11	0	08	0	0	000024	2013			OVER PINE RUN
1111	CARPENTER RD, NEW VERNON	000	018	024.0	026.0	04	1	0	02	11	0	08	0	0	000102	2013	000004	2013	OVER LITTLE SHENANGO
1112	SHELL ROAD NEW VERNON	000	024	024.5	027.0	04	1	0	02	11	0	08	0	0	000047	2013			OVER LITTLE SHENANGO BR
1201	CROUSER SCHOOL MILLCREE	012	012	016.2	016.2	03	0	0	01	11	0	08	0	0	000051	2013			OVER MILL CREEK

COMPLETE LISTING OF LOCAL BRIDGES

Bridges 0724 - 1201

Bridge No.	Location	Hist Signif	Covered Br	Str Type	Str Type	Culv Len	Str Length	CP/A	Wt Lim	Wt Combo	Date last Insp	Appr Slab	Appr Rwy	Deck WS	Deck	Super	Paint	Sub	Chan	Cul	Rem Life	Str Cond	Dk Gm
0724	COSSITT RD., W. SALEM	5	N	302	ST STRINGER		000072	A			05/30/13	N	7	N	7	5	31	7	7	N	20	5	6
0795	CARR ROAD,W SALEM TWP	5	N	319	ST PIPE-ARCH	00030	000006	A			11/20/12	N	N	N	N	N	NN	N	6	7	33	7	N
0802	N. RACE ST. GREENVILLE	5	N	111	RC ARCH CLSD		000125	A			05/23/14	N	N	N	N	4	NN	4	7	N	10	4	2
0803	OHL ST.,GREENVILLE	4	N	310	ST TRUSS THRU		000256	C	00		06/23/14	N	5	N	7	1	31	7	8	N	00	1	4
0811	SCOTT RD HEMPFIELD TWP	5	N	302	ST STRINGER		000034	A			05/22/14	N	6	7	6	5	52	4	6	N	10	4	5
0812	BLAHUT RD HEMPFIELD TWP	5	N	505	PS ADJ BOX BM		000030	A			05/16/13	N	8	8	6	6	NN	8	8	N	23	6	4
0813	HAMBURG RD HEMPFIELD TW	5	N	505	PS ADJ BOX BM		000042	A			05/14/13	N	7	8	8	8	NN	8	7	N	38	8	4
0815	HAMBURG RD, GREENVILLE	5	N	119	RC BOX CULV	00034	000016	P	18	33	01/13/14	N	7	7	N	N	NN	N	7	7	33	5	4
0816	LANCASTER AVE GREENVILLE	5	N	101	RC SLAB (SOLID)		000028	A			09/04/12	N	5	N	7	7	NN	8	4	N	30	7	5
0817	HAMBURG RD HEMPFIELD TW	5	N	319	ST ARCH CULV	00059	000020	A			05/15/13	N	N	N	N	N	NN	N	7	5	17	5	N
0820	MEHARD AVE.,GREENVILLE	5	N	319	ST TIED ARCH CULV	00079	000014	A			01/14/14	N	N	N	N	N	NN	N	7	7	33	7	N
0850	LEBANON AVE, GREENVILLE	5	N	104	RC T BEAM		000028	P	29	40	06/02/14	N	5	6	5	5	NN	5	4	N	12	5	8
0903	BUSH RD OTTER CREEK TWP	5	N	505	PS ADJ BOX BM		000032	A			06/26/14	N	6	7	7	8	NN	4	4	N	10	4	4
0904	BUSH RD., OTTER CREEK T	5	N	119	RC BOX CULV	00034	000035	P	22	25	06/03/14	N	5	5	N	N	NN	N	7	7	33	4	6
0905	PILGRIM RD OTTER CREEK	5	N	319	ST PIPE-ARCH	00040	000014	A			01/14/14	N	N	N	N	N	NN	N	7	6	25	6	N
0906	STRAUB ROAD OTTER CREEK	5	N	505	PS ADJ BOX BM		000030	A			06/03/14	N	7	6	7	6	NN	7	7	N	23	6	6
0907	LINN-TYRO RD. OTTER CRK.	5	N	319	ST PIPE-ARCH	00043	000011	A			01/15/13	N	N	N	N	N	NN	N	8	5	17	5	N
0908	FREELAND RD., OTTER CRK	5	N	505	PS ADJ BOX BM		000080	A			06/04/14	N	8	8	7	8	NN	8	5	N	34	8	5
0909	LONG HILL OTTER CREEK	5	N	505	PS ADJ BOX BM		000080	A			06/05/14	N	7	6	6	7	NN	7	7	N	23	7	6
0910	HENRY RD,OTTER CREEK TWP	5	N	302	ST STRINGER		000046	P	17	23	06/06/14	N	7	N	5	4	21	7	5	N	10	4	6
0911	LINN-TYRO, OTTER CREEK	5	N	319	ST PIPE-ARCH	00063	000008	A			01/15/14	N	N	N	N	N	NN	N	7	8	42	8	N
0950	WILLIAMSON, OTTER CREEK	5	N	302	ST STRINGER		000028	B	32	40	03/25/14	N	6	6	6	6	41	3	5	N	05	3	6
1003	PEARSON RD. PERRY TWP.	5	N	505	PS ADJ BOX BM		000073	A			06/05/13	N	8	5	8	6	NN	8	7	N	30	6	5
1015	MILL ROAD PERRY TWP.	4	N	310	ST TRUSS THRU		000082	P	04		03/31/14	N	5	N	3	3	11	5	7	N	05	2	2
1017	YEAGER RD. PERRY TWP.	5	N	302	ST STRINGER		000034	P	29	40	06/20/14	N	7	N	4	4	21	4	7	N	10	4	6
1018	SMALL ROAD, PERRY TWP.	5	N	319	ST PIPE-ARCH	00063	000008	A			01/15/14	N	N	N	N	N	NN	N	8	7	33	7	N
1019	SMALL ROAD, PERRY TWP.	5	N	319	ST PIPE-ARCH	00039	000016	A			01/16/14	N	N	N	N	N	NN	N	7	7	33	7	N
1110	CAREY RD., NEW VERNON	5	N	302	ST STRINGER		000044	A			06/07/13	N	7	N	6	6	64	7	6	N	20	6	6
1111	CARPENTER RD, NEW VERNON	5	N	302	ST STRINGER		000075	A			06/12/13	N	7	N	6	6	54	6	7	N	17	6	5
1112	SHELL ROAD NEW VERNON	5	N	119	RC BOX CULV	00027	000022	A			06/11/13	N	N	N	N	N	NN	N	8	8	42	8	6
1201	CROUSER SCHOOL MILLCREE	4	N	302	ST STRINGER		000025	A			07/08/13	N	7	N	5	6	41	5	7	N	12	5	3

COMPLETE LISTING OF LOCAL BRIDGES

Bridges 0724 - 1201

Bridge No.	Location	Un Cl	Wway	Appr Align	Traffic Safety Feat	Br Post	Scour Critical	Sufficiency Rate	SD / FO
0724	COSSITT RD., W. SALEM	N	8	8	4222	9	3	85.9642670026595	
0795	CARR ROAD,W SALEM TWP	N	8	N	3333	5	6	96.99302078395	
0802	N. RACE ST. GREENVILLE	N	8	5	3222	5	6	44.5061044303579	S
0803	OHL ST.,GREENVILLE	N	8	6	3222	0	3	16.492	S
0811	SCOTT RD HEMPFIELD TWP	N	8	7	4233	9	3	63.9615039748923	S
0812	BLAHUT RD HEMPFIELD TWP	N	8	8	6664	9	5	89.9432191672	
0813	HAMBURG RD HEMPFIELD TW	N	8	5	8888	9	8	91.2831973721206	
0815	HAMBURG RD, GREENVILLE	N	8	6	6222	0	8	72.9679324943596	
0816	LANCASTER AVE GREENVILLE	N	8	7	6443	9	6	91.983457226431	
0817	HAMBURG RD HEMPFIELD TW	N	8	8	2222	5	8	84.9727501887135	
0820	MEHARD AVE.,GREENVILLE	N	8	N	8888	5	8	99.6395491672	
0850	LEBANON AVE, GREENVILLE	N	8	7	4444	8	3	84.9882105643884	
0903	BUSH RD OTTER CREEK TWP	N	8	6	6644	8	3	61.44644578395	S
0904	BUSH RD., OTTER CREEK T	N	8	8	6222	0	8	69.2049741737736	
0905	PILGRIM RD OTTER CREEK	N	8	N	2222	5	8	96.99324578395	
0906	STRAUB ROAD OTTER CREEK	N	8	8	6555	9	4	99.9843866752	
0907	LINN-TYRO RD. OTTER CRK.	N	8	N	2222	5	8	85.9156791648216	
0908	FREELAND RD., OTTER CRK	N	8	8	8626	9	8	98.7041082317714	
0909	LONG HILL OTTER CREEK	N	8	8	6644	9	8	98.97614578395	
0910	HENRY RD,OTTER CREEK TWP	N	6	7	4222	3	3	55.7588017070188	S
0911	LINN-TYRO, OTTER CREEK	N	8	N	6666	5	8	99.9661825432	
0950	WILLIAMSON, OTTER CREEK	N	8	7	4222	5	7	52.7087359947781	S
1003	PEARSON RD. PERRY TWP.	N	8	8	6666	9	8	95.9641068950611	
1015	MILL ROAD PERRY TWP.	N	8	4	3222	0	3	0	S
1017	YEAGER RD. PERRY TWP.	N	8	8	4222	3	3	58.2098128835936	S
1018	SMALL ROAD, PERRY TWP.	N	8	N	6666	5	8	99.99752494795	
1019	SMALL ROAD, PERRY TWP.	N	8	N	2222	5	8	96.99647494795	
1110	CAREY RD., NEW VERNON	N	8	5	4222	9	3	95.9963563100571	
1111	CARPENTER RD, NEW VERNON	N	8	8	4222	9	3	90.9670626245671	
1112	SHELL ROAD NEW VERNON	N	8	8	6664	9	8	99.9858866752	
1201	CROUSER SCHOOL MILLCREE	N	8	8	3222	9	3	74.2343271092512	F

COMPLETE LISTING OF LOCAL BRIDGES

Bridges 1202 - 1512

Bridge No.	BRKEY	BMS ID	Location	Lat Degrees	Lat Min	Lat Sec	Long Degrees	Long Min	Long Sec	Year Built	Last Rconst type	Reconst Year	Owner	Owner Code	Type service
1202	0026192	43 7215 0807 1202	MILL CREEK RD MILLCK TWP	41	25	00.00	80	03	36.00	1974	000	0000	MERCER COUNTY	02	15
1203	0026197	43 7215 0918 1203	FOSTER ROAD, MILL CREEK	41	25	30.00	80	00	21.00	1986	000	0000	MERCER COUNTY	02	15
1205	0026193	43 7215 0842 1205	OBITZ ROAD, MILL CRK TWP	41	24	30.00	80	05	00.00	1982	000	0000	MERCER COUNTY	02	15
1207	0026196	43 7215 0902 1207	CRYSTAL SPRING, MILL CK	41	24	05.10	80	01	58.00	1965	000	0000	MERCER COUNTY	02	15
1210	0026194	43 7215 0872 1210	KERRSTOWN RD., MILL CRK	41	23	19.00	80	04	28.50	1895	660	1984	MERCER COUNTY	02	15
1211	0044044	43 7215 0733 1211	PLANTS ROAD MILL CREEK	41	23	00.00	80	04	12.00	1997	000	0000	MERCER COUNTY	02	15
1212	0026190	43 7215 0731 1212	LAKE ROAD, MILL CREEK	41	23	12.00	80	05	24.00	1968	000	0000	MERCER COUNTY	02	15
1215	0039566	43 7215 0918 1215	DEEMERS DAM RD., MILL CR	41	23	24.00	80	00	30.00	1997	000	0000	MERCER COUNTY	02	15
1216	0026199	43 7215 0946 1216	KLEIN ROAD, MILL CREEK	41	23	36.00	80	01	12.00	1964	000	0000	MERCER COUNTY	02	15
1218	0026189	43 7215 0703 1218	VOGAN RD. MILL CREEK TWP	41	22	20.00	80	00	56.00	1987	000	0000	MERCER COUNTY	02	15
1305	0043327	43 7225 0364 1305	MORTIMER RD S.PYMATUNING	41	19	17.4	80	27	41.20	1964	000	0000	MERCER COUNTY	02	15
1308	0026232	43 7220 0651 1308	COLT RD. PYMATUNING TWP.	41	20	53.50	80	27	37.30	1975	000	0000	MERCER COUNTY	02	15
1310	0026266	43 7225 0587 1310	W LAKE RD S. PYMATUNING	41	19	01.20	80	27	53.20	1965	000	0000	MERCER COUNTY	02	15
1311	0026233	43 7220 0651 1311	COLT RD. PYMATUNING TWP.	41	20	56.10	80	25	08.90	1975	000	0000	MERCER COUNTY	02	15
1312	0026228	43 7220 0587 1312	W. LAKE RD., PYMATUNING	41	18	03.30	80	26	01.80	1965	000	0000	MERCER COUNTY	02	15
1315	0026229	43 7220 0589 1315	E LAKE RD PYMATUNING TWP	41	18	03.90	80	23	33.90	1965	000	0000	MERCER COUNTY	02	15
1317	0026226	43 7220 0422 1317	SHENANGO PK RD PYM TWP.	41	19	04.90	80	26	05.00	1967	000	0000	MERCER COUNTY	02	15
1408	0026092	43 7203 0558 1408	QUARRY RD DELAWARE TWP	41	19	59.80	80	20	05.00	1973	000	0000	MERCER COUNTY	02	15
1412	0026093	43 7203 0586 1412	PEW ROAD DELAWARE TWP	41	17	44.90	80	18	49.10	1927	000	0000	MERCER COUNTY	02	15
1413	0043325	43 7203 0500 1413	HOPPER RD., DELAWARE TWP	41	17	40.50	80	21	29.20	1972	000	0000	MERCER COUNTY	02	15
1414	0043326	43 7203 0500 1414	HOPPER RD., DELAWARE TWP	41	17	44.60	80	21	25.70	1972	000	0000	MERCER COUNTY	02	15
1415	0048606	43 7203 0608 1415	LINE ROAD DELAWARE TWP	41	17	43.60	80	18	47.90	2014	000	0000	MERCER COUNTY	02	15
1416	0026095	43 7203 0634 1416	REDFOOT RD DELAWARE TWP	41	21	06.50	80	16	35.40	1916	660	1979	MERCER COUNTY	02	15
1502	0045145	43 7205 0691 1502	MCCARTNEY RD. FAIRVIEW	41	22	04.70	80	11	21.30	2008	000	0000	MERCER COUNTY	02	15
1503	0026103	43 7205 0664 1503	FURNACE RD. FAIRVIEW	41	21	37.40	80	15	29.00	1932	000	0000	MERCER COUNTY	02	15
1504	0026100	43 7205 0645 1504	GENGER RD.,FAIRVIEW TWP	41	20	19.00	80	14	42.90	1993	000	0000	MERCER COUNTY	02	15
1505	0026102	43 7205 0660 1505	MARSTELLAR RD FAIRVIEW	41	20	16.80	80	14	44.30	1974	000	0000	MERCER COUNTY	02	15
1507	0026099	43 7205 0641 1507	MARSTELLAR RD. FAIRVIEW	41	19	37.80	80	14	56.70	1959	000	0000	MERCER COUNTY	02	15
1508	0026331	43 7402 0660 1508	MARSTELLAR RD FREDONIA	41	19	31.70	80	15	01.10	1982	000	0000	MERCER COUNTY	02	15
1509	0026097	43 7205 0599 1509	DELAWARE RD FAIRVIEW TWP	41	19	05.00	80	14	49.00	1985	000	0000	MERCER COUNTY	02	15
1512	0026098	43 7205 0623 1512	RUNKLE LANE,FAIRVIEW TWP	41	19	13.30	80	11	33.10	1928	660	1954	MERCER COUNTY	02	15

COMPLETE LISTING OF LOCAL BRIDGES

Bridges 1202 - 1512

Bridge No.	Location	Appr Pavement Width	Appr Rwy Width	Bridge Rwy width	Deck width	Detour	School bus	Pub Trans	Numb Lanes	Hwy System	NHS	Func Clas	State Net	Nat Net	ADT	ADT year	ADTT	ADTT year	Feat Intersected
1202	MILL CREEK RD MILLCK TWP	025	025	030.0	034.0	03	1	0	02	11	0	08	0	0	000254	2014	000010	2014	OVER MILL CREEK
1203	FOSTER ROAD, MILL CREEK	000	024	024.9	028.3	10	1	0	02	11	0	08	0	0	000045	2014	000002	2014	OVER MILL RUN
1205	OBITZ ROAD, MILL CRK TWP	020	032	032.0	035.5	02	1	0	02	11	0	08	0	0	000056	2014	000002	2014	OVER MILL CREEK
1207	CRYSTAL SPRING, MILL CK	000	028	028.0	030.0	04	0	0	02	11	0	08	0	0	000016	2014	000002	2014	OVER LITTLE SANDY CREEK
1210	KERRSTOWN RD., MILL CRK	014	014	020.5	024.0	01	0	0	02	11	0	08	0	0	000013	2013			OVER DUGAN RUN
1211	PLANTS ROAD MILL CREEK	024	024	000.0	000.0	02	1	0	02	11	0	08	0	0	000195	2012	000008	2012	OVER DUGAN RUN
1212	LAKE ROAD, MILL CREEK	020	030	000.0	000.0	03	1	0	02	11	0	08	0	0	000045	2013	000002	2013	OVER DUGAN RUN
1215	DEEMERS DAM RD., MILL CR	000	020	024.8	028.3	05	0	0	02	11	0	08	0	0	000035	2013			OVER LITTLE SANDY CREEK
1216	KLEIN ROAD, MILL CREEK	000	020	000.0	000.0	03	1	0	02	11	0	08	5	0	000084	2012	000003	2012	OVER LITTLE SANDY CREEK
1218	VOGAN RD. MILL CREEK TWP	000	022	024.9	028.9	05	0	0	02	11	0	08	0	0	000053	2013			OVER SMALL CREEK
1305	MORTIMER RD S.PYMATUNING	018	028	000.0	000.0	04	1	0	02	11	0	08	0	0	000069	2014	000003	2014	OVER CHESTNUT RUN
1308	COLT RD. PYMATUNING TWP.	019	019	030.0	034.0	03	1	0	02	11	0	08	3	0	000236	2014	000009	2014	OVER CHESTNUT CREEK
1310	W LAKE RD S. PYMATUNING	018	018	030.0	035.5	01	1	0	02	11	0	08	0	0	000244	2013	000010	2013	OVER CHESTNUT RUN
1311	COLT RD. PYMATUNING TWP.	018	024	030.0	034.0	08	1	1	02	11	0	08	3	0	000982	2014	000040	2014	OVER BIG RUN
1312	W. LAKE RD., PYMATUNING	018	018	028.0	033.8	10	1	1	02	11	0	08	0	0	000563	2013	000023	2013	OVER BUSH RUN
1315	E LAKE RD PYMATUNING TWP	020	020	028.0	033.8	05	1	0	02	11	0	08	0	0	001029	2013	000041	2013	OVER SHENANGO RIVER BR
1317	SHENANGO PK RD PYM TWP.	021	021	030.0	032.0	08	1	0	02	11	0	08	0	0	000563	2014	000023	2014	OVER BUSH RUN
1408	QUARRY RD DELAWARE TWP	000	028	000.0	000.0	03	1	0	02	11	0	08	0	0	000035	2014	000002	2014	OVER LAWANGO RUN
1412	PEW ROAD DELAWARE TWP	000	018	018.0	020.0	03	1	0	02	11	0	08	0	0	000054	2014			OVER SHENANGO RIVER TRIB
1413	HOPPER RD., DELAWARE TWP	016	030	000.0	000.0	03	1	0	02	11	0	08	0	0	000272	2014	000011	2014	OVER SHENANGO RIVER TRIB
1414	HOPPER RD., DELAWARE TWP	016	030	000.0	000.0	03	1	0	02	11	0	08	0	0	000288	2014	000012	2014	OVER SHENANGO RIVER TRIB
1415	LINE ROAD DELAWARE TWP	000	017	000.0	000.0	03	1	0	02	11	0	09	0	0	000049	2014	000002	2014	OVER SHENANGO RIVER BR
1416	REDFOOT RD DELAWARE TWP	012	012	015.0	015.0	03	1	0	01	11	0	08	0	0	000098	2013	000004	2013	OVER OTTER CREEK
1502	MCCARTNEY RD. FAIRVIEW	020	024	000.0	000.0	04	1	0	02	11	0	08	0	0	000089	2012			OVER PINE RUN
1503	FURNACE RD. FAIRVIEW	018	018	018.0	020.0	03	1	0	02	11	0	08	0	0	000129	2014	000005	2014	OVER OTTER CREEK BRANCH
1504	GENGER RD.,FAIRVIEW TWP	000	024	024.0	027.0	03	0	1	02	11	0	08	0	0	000045	2012			OVER OTTER CREEK BRANCH
1505	MARSTELLAR RD FAIRVIEW	020	030	030.0	034.0	03	1	0	02	11	0	08	0	0	000217	2014	000009	2014	OVER OTTER CREEK BRANCH
1507	MARSTELLAR RD. FAIRVIEW	017	017	024.0	024.5	03	1	1	02	11	0	08	0	0	000347	2013	000014	2013	OVER OTTER CREEK
1508	MARSTELLAR RD FREDONIA	019	028	028.5	031.5	03	1	1	02	11	0	08	0	0	000253	2012	000010	2012	OVER OTTER CREEK BRANCH
1509	DELAWARE RD FAIRVIEW TWP	000	024	024.8	028.3	08	1	0	02	11	0	08	0	0	000041	2014	000002	2014	OVER OTTER CREEK
1512	RUNKLE LANE,FAIRVIEW TWP	000	015	018.0	020.0	06	1	0	02	11	0	08	0	0	000070	2014	000003	2014	OVER COOLSPRING CREEK

COMPLETE LISTING OF LOCAL BRIDGES

Bridges 1202 - 1512

Bridge No.	Location	Hist Signif	Covered Br	Str Type	Str Type	Culv Len	Str Length	CP/A	Wt Lim	Wt Combo	Date last Insp	Appr Slab	Appr Rwy	Deck WS	Deck	Super	Paint	Sub	Chan	Cul	Rem Life	Str Cond	Dk Gm
1202	MILL CREEK RD MILLCK TWP	5	N	119	RC BOX CULV	00035	000038	P	14	20	06/05/14	N	8	7	N	N	NN	N	6	5	17	4	6
1203	FOSTER ROAD, MILL CREEK	5	N	505	PS ADJ BOX BM		000031	A			06/09/14	N	7	7	7	6	NN	7	6	N	23	6	6
1205	OBITZ ROAD, MILL CRK TWP	5	N	119	RC BOX CULV	00036	000040	A			06/10/14	N	7	5	N	N	NN	N	7	5	17	5	8
1207	CRYSTAL SPRING, MILL CK	5	N	302	ST STRINGER		000028	P	19	34	06/11/14	N	6	N	5	5	31	7	7	N	14	5	7
1210	KERRSTOWN RD., MILL CRK	5	N	505	PS ADJ BOX BM		000028	A			07/01/13	N	7	8	8	8	NN	7	7	N	34	7	5
1211	PLANTS ROAD MILL CREEK	5	N	119	RC BOX CULV	00045	000012	A			02/06/13	N	N	N	N	N	NN	N	8	8	42	8	N
1212	LAKE ROAD, MILL CREEK	5	N	319	ST PIPE-ARCH	00041	000015	A			12/13/13	N	N	N	N	N	NN	N	7	7	33	7	N
1215	DEEMERS DAM RD., MILL CR	5	N	505	PS ADJ BOX BM		000034	A			07/02/13	N	8	8	8	8	NN	8	8	N	38	8	6
1216	KLEIN ROAD, MILL CREEK	5	N	319	ST PIPE-ARCH	00039	000017	A			02/07/13	N	N	N	N	N	NN	N	8	6	25	6	N
1218	VOGAN RD. MILL CREEK TWP	5	N	505	PS SLAB (SOLID)		000021	A			07/03/13	N	7	8	8	8	NN	8	6	N	38	8	6
1305	MORTIMER RD S.PYMATUNING	5	N	319	ST ARCH CULV	00051	000018	A			01/16/14	N	N	N	N	N	NN	N	7	5	17	5	N
1308	COLT RD. PYMATUNING TWP.	5	N	119	RC BOX CULV	00034	000022	P	16	29	06/17/14	N	8	7	N	N	NN	N	6	5	17	5	6
1310	W LAKE RD S. PYMATUNING	5	N	104	RC T BEAM		000035	A			07/09/13	N	8	7	7	7	NN	8	8	N	30	7	6
1311	COLT RD. PYMATUNING TWP.	5	N	119	RC BOX CULV	00034	000022	P	22	36	06/17/14	N	6	6	N	N	NN	N	7	5	17	5	6
1312	W. LAKE RD., PYMATUNING	5	N	402	ST STRINGER		000132	A			07/25/13	N	8	7	7	7	78	8	9	N	30	7	5
1315	E LAKE RD PYMATUNING TWP	5	N	402	ST STRINGER		000154	A			07/30/13	N	7	8	8	7	67	8	8	N	34	7	5
1317	SHENANGO PK RD PYM TWP.	5	N	302	ST STRINGER		000043	P	34		07/01/14	N	7	N	6	5	51	5	7	N	12	5	5
1408	QUARRY RD DELAWARE TWP	5	N	319	ST ARCH CULV	00099	000016	A			01/30/14	N	N	N	N	N	NN	N	4	7	33	7	N
1412	PEW ROAD DELAWARE TWP	5	N	119	RC BOX CULV	00020	000008	P	14		01/17/14	N	N	N	N	N	NN	N	7	4	10	4	N
1413	HOPPER RD., DELAWARE TWP	5	N	319	ST PIPE-ARCH	00067	000008	A			01/24/14	N	N	N	N	N	NN	N	7	4	10	4	N
1414	HOPPER RD., DELAWARE TWP	5	N	319	ST PIPE-ARCH	00060	000008	A			01/24/14	N	N	N	N	N	NN	N	7	4	10	4	N
1415	LINE ROAD DELAWARE TWP	5	N	119	PC BOX CULV	00046	000017	A			05/08/14	N	N	N	N	N	NN	N	8	8	42	8	N
1416	REDFOOT RD DELAWARE TWP	5	N	302	ST STRINGER		000030	P	10		07/17/13	N	5	N	5	3	21	5	7	N	05	3	2
1502	MCCARTNEY RD. FAIRVIEW	5	N	119	PC BOX CULV	00040	000017	A			10/15/12	N	N	N	N	N	NN	N	8	8	42	8	N
1503	FURNACE RD. FAIRVIEW	5	N	101	RC SLAB (SOLID)		000014	A			02/03/14	N	8	5	4	4	NN	5	7	N	10	4	3
1504	GENGER RD.,FAIRVIEW TWP	5	N	119	RC BOX CULV	00027	000021	A			02/12/13	N	N	N	N	N	NN	N	8	8	42	8	6
1505	MARSTELLAR RD FAIRVIEW	5	N	119	RC BOX CULV	00048	000013	P	11	20	02/04/14	N	7	6	N	N	NN	N	6	8	42	3	6
1507	MARSTELLAR RD. FAIRVIEW	5	N	302	ST STRINGER		000073	A			07/24/13	N	8	N	4	5	31	6	8	N	10	5	5
1508	MARSTELLAR RD FREDONIA	5	N	302	ST STRINGER		000032	A			08/01/12	N	5	7	7	7	9N	7	4	N	26	7	6
1509	DELAWARE RD FAIRVIEW TWP	5	N	505	PS ADJ BOX BM		000041	A			06/27/14	N	5	7	7	7	NN	7	7	N	26	7	6
1512	RUNKLE LANE,FAIRVIEW TWP	5	N	302	ST STRINGER		000028	P	37		07/01/14	N	6	5	5	6	65	6	7	N	14	6	4

COMPLETE LISTING OF LOCAL BRIDGES

Bridges 1202 - 1512

Bridge No.	Location	Un Cl	Wway	Appr Align	Traffic Safety Feat	Br Post	Scour Critical	Sufficiency Rate	SD / FO
1202	MILL CREEK RD MILLCK TWP	N	8	8	5222	0	6	53.2170921875833	
1203	FOSTER ROAD, MILL CREEK	N	8	7	6665	9	3	99.9657295	
1205	OBITZ ROAD, MILL CRK TWP	N	8	8	5565	7	6	86.7676517741414	
1207	CRYSTAL SPRING, MILL CK	N	8	8	4222	4	3	81.8882508519999	
1210	KERRSTOWN RD., MILL CRK	N	9	5	6625	9	4	97.9990014539741	
1211	PLANTS ROAD MILL CREEK	N	8	N	6664	9	8	99.9707491672	
1212	LAKE ROAD, MILL CREEK	N	8	N	2222	5	8	96.98987078395	
1215	DEEMERS DAM RD., MILL CR	N	8	8	6424	9	8	97.98684246875	
1216	KLEIN ROAD, MILL CREEK	N	8	N	2222	5	8	96.98109578395	
1218	VOGAN RD. MILL CREEK TWP	N	8	8	6626	9	3	99.98009246875	
1305	MORTIMER RD S.PYMATUNING	N	8	N	2222	5	8	85.976209648173	
1308	COLT RD. PYMATUNING TWP.	N	8	8	6222	1	8	67.4454435047759	
1310	W LAKE RD S. PYMATUNING	N	8	8	4333	9	4	96.98169994795	
1311	COLT RD. PYMATUNING TWP.	N	8	8	6222	0	6	66.1855280197968	
1312	W. LAKE RD., PYMATUNING	N	8	8	4333	9	8	95.5722027142857	
1315	E LAKE RD PYMATUNING TWP	N	8	8	4333	9	5	88.07121746875	
1317	SHENANGO PK RD PYM TWP.	N	8	8	4222	4	3	75.7678422857309	
1408	QUARRY RD DELAWARE TWP	N	8	N	2222	5	8	96.99212078395	
1412	PEW ROAD DELAWARE TWP	N	8	N	3332	7	8	61.1942040701904	S
1413	HOPPER RD., DELAWARE TWP	N	8	N	2222	5	8	69.9103061287776	S
1414	HOPPER RD., DELAWARE TWP	N	8	N	2222	5	8	69.9050302667086	S
1415	LINE ROAD DELAWARE TWP	N	8	N	8888	9	8	99.98897078395	
1416	REDFOOT RD DELAWARE TWP	N	8	7	5222	0	3	24.5577692307692	S
1502	MCCARTNEY RD. FAIRVIEW	N	8	N	8888	9	8	99.9732866752	
1503	FURNACE RD. FAIRVIEW	N	8	6	3222	9	6	47.93146453395	S
1504	GENGER RD., FAIRVIEW TWP	N	8	8	4444	9	8	96.98987078395	
1505	MARSTELLAR RD FAIRVIEW	N	8	8	6222	0	8	61.2516625466794	F
1507	MARSTELLAR RD. FAIRVIEW	N	8	7	4222	9	3	71.88938953395	S
1508	MARSTELLAR RD FREDONIA	N	8	8	6666	9	3	99.94307078395	
1509	DELAWARE RD FAIRVIEW TWP	N	8	8	6666	9	4	99.9751868032	
1512	RUNKLE LANE, FAIRVIEW TWP	N	8	7	4233	5	3	93.1812271409715	

COMPLETE LISTING OF LOCAL BRIDGES

Bridges 1514 - 1916

Bridge No.	BRKEY	BMS ID				Location	Lat Degrees	Lat Min	Lat Sec	Long Degrees	Long Min	Long Sec	Year Built	Last Rconst type	Reconst Year	Owner	Owner Code	Type service
1514	0026105	43	7205	0732	1514	SKUNK RUN, FAIRVIEW TWP.	41	19	09.00	80	11	02.00	1991	000	0000	MERCER COUNTY	02	15
1517	0026101	43	7205	0658	1517	SCHRADER RD. FAIRVIEW	41	18	34.50	80	13	15.50	1953	000	0000	MERCER COUNTY	02	15
1601	0026179	43	7213	0762	1601	CANON RD., LAKE TWP.	41	22	07.00	80	09	15.60	1997	000	0000	MERCER COUNTY	02	15
1602	0026174	43	7213	0609	1602	STOCK FARM RD, LAKE TWP	41	18	33.20	80	08	18.40	1905	660	1990	MERCER COUNTY	02	15
1603	0026180	43	7213	0788	1603	MCCORMICK RD., LAKE TWP.	41	18	15.40	80	08	23.40	1989	000	0000	MERCER COUNTY	02	15
1605	0026182	43	7213	0814	1605	STECKLER RD., LAKE TWP.	41	21	28.70	80	08	18.20	1900	660	1957	MERCER COUNTY	02	15
1606	0026176	43	7213	0661	1606	HUTCHISON RD LAKE TWP	41	21	29.20	80	08	25.80	1965	000	0000	MERCER COUNTY	02	15
1607	0026177	43	7213	0695	1607	SHELL ROAD, LAKE TWP.	41	22	10.60	80	08	48.00	1975	000	0000	MERCER COUNTY	02	15
1608	0044047	43	7213	0732	1608	SKUNK RUN ROAD, LAKE TWP	41	18	24.20	80	10	37.10	1995	000	0000	MERCER COUNTY	02	15
1609	0044045	43	7213	0792	1609	COULSON RD., LAKE TWP.	41	20	10.10	80	08	52.60	1984	000	0000	MERCER COUNTY	02	15
1703	0026342	43	7409	8804	1703	LACOCK ST.SANDY LAKE	41	21	06.3	80	04	51.2	1971	000	0000	MERCER COUNTY	02	55
1704	0026343	43	7409	8817	1704	WALNUT ST., SANDY LAKE	41	20	57.2	80	04	59.3	1905	411	1982	MERCER COUNTY	02	15
1708	0026249	43	7223	0647	1708	TRIPLE LINK RD, SANDY LK	41	20	39.00	80	03	42.00	1986	000	0000	MERCER COUNTY	02	15
1709	0026250	43	7223	0647	1709	TRIPLE LINK SANDY LK TWP	41	20	21.30	80	04	07.80	1958	663	2001	MERCER COUNTY	02	15
1714	0026251	43	7223	0647	1714	TRIPLE LINK SANDY LK TWP	41	20	19.30	80	04	15.00	1973	000	0000	MERCER COUNTY	02	15
1716	0026247	43	7223	0627	1716	ANDERSON ROAD SANDY LAKE	41	19	06.00	80	04	12.00	1960	000	0000	MERCER COUNTY	02	15
1717	0026248	43	7223	0629	1717	FAIRGROUND RD. STONEBORO	41	20	00.00	80	05	42.00	1954	000	0000	MERCER COUNTY	02	15
1801	0026227	43	7220	0471	1801	W. KIDDS MILL PYMATUNING	41	21	12.00	80	23	54.00	1868	000	0000	MERCER COUNTY	02	15
1807	0026268	43	7225	0617	1807	WHITING RD.,S.PYMATUNING	41	19	30.00	80	30	30.00	1964	000	0000	MERCER COUNTY	02	15
1812	0026265	43	7225	0318	1812	S. ORANGEVILLE RD, S PYM	41	20	23.10	80	31	09.20	1965	000	0000	MERCER/TRUMBULL	02	55
1815	0026263	43	7225	0312	1815	ORANGEVILLE RD S PYM TWP	41	18	30.00	80	31	06.00	1956	660	2000	MERCER/TRUMBULL	02	15
1850	0026267	43	7225	0588	1850	HURON ST OVER CHESTNUT	41	19	13.60	80	27	46.70	1897	500	1985	S. PYMATUNING TWP	03	15
1851	0026264	43	7225	0312	1851	ORANGEVLE OVER TOWEL WRK	41	16	12.00	80	31	18.00	1964	000	0000	S. PYMATUNING TWP	03	15
1904	0040148	43	7211	0555	1904	FULLINGMILL RD JEFFERSON	41	15	06.00	80	18	12.00	1998	000	0000	MERCER COUNTY	02	15
1905	0026171	43	7211	0584	1905	N BEND RD JEFFERSON TWP	41	16	52.70	80	19	10.0	1965	000	0000	MERCER COUNTY	02	15
1907	0026170	43	7211	0579	1907	GOLF RD JEFFERSON TWP	41	16	54.00	80	18	48.00	1965	000	0000	MERCER COUNTY	02	15
1912	0026162	43	7211	0546	1912	BEND RD., JEFFERSON TWP.	41	15	48.00	80	20	12.00	1986	000	0000	MERCER COUNTY	02	15
1913	0026164	43	7211	0549	1913	MC CULLOUGH RD JEFFERSON	41	15	42.00	80	20	36.00	1968	000	0000	MERCER COUNTY	02	15
1914	0026166	43	7211	0551	1914	BALLPARK RD JEFFERSON	41	16	06.00	80	23	00.00	2003	000	0000	MERCER COUNTY	02	15
1915	0026165	43	7211	0549	1915	CLAY FURNACE, JEFFERSON	41	16	13.30	80	23	07.20	2008	000	0000	MERCER COUNTY	02	15
1916	0026163	43	7211	0547	1916	HASSEL ROAD JEFFERSON	41	16	03.50	80	23	08.10	1975	000	0000	MERCER COUNTY	02	15

COMPLETE LISTING OF LOCAL BRIDGES

Bridges 1514 - 1916

Bridge No.	Location	Appr Pav Width	Appr Rwy Width	Bridge Rwy width	Deck width	Detour	School bus	Pub Trans	Numb Lanes	Hwy System	NHS	Func Clas	State Net	Nat Net	ADT	ADT year	ADTT	ADTT year	Feat Intersected
1514	SKUNK RUN, FAIRVIEW TWP.	000	025	025.9	028.3	06	1	0	02	11	0	08	0	0	000108	2013	000005	2013	OVER COOLSPRING CREEK BR
1517	SCHRADER RD. FAIRVIEW	014	022	022.0	024.0	02	1	0	02	11	0	08	0	0	000116	2014	000005	2014	OVER OTTER CREEK BRANCH
1601	CANON RD., LAKE TWP.	000	028	028.0	030.0	04	1	0	02	11	0	08	0	0	000663	2013	000265	2013	OVER LITTLE SHENANGO
1602	STOCK FARM RD, LAKE TWP	000	015	018.0	018.5	03	1	0	02	11	0	08	0	0	000107	2012	000004	2012	OVER FOX RUN BRANCH
1603	MCCORMICK RD., LAKE TWP.	000	030	000.0	000.0	03	1	0	02	11	0	08	0	0	000052	2014	000002	2014	OVER FOX RUN BRANCH
1605	STECKLER RD., LAKE TWP.	000	014	016.0	016.5	04	1	0	01	11	0	08	0	0	000019	2014			OVER LITTLE SHENANGO
1606	HUTCHISON RD LAKE TWP	000	022	030.0	032.0	02	1	0	02	11	0	08	0	0	000041	2014	000002	2014	OVER LITTLE SHENANGO BR
1607	SHELL ROAD, LAKE TWP.	000	018	000.0	000.0	03	1	0	02	11	0	08	0	0	000057	2012			OVER SHENANGO RIVER TRIB
1608	SKUNK RUN ROAD, LAKE TWP	000	020	000.0	000.0	03	1	0	02	11	0	08	0	0	000126	2012	000005	2012	OVER COOLSPRINGS CR. BR.
1609	COULSON RD., LAKE TWP.	000	017	000.0	000.0	05	1	0	02	11	0	08	0	0	000085	2012	000004	2012	OVER LITTLE SHENANGO BR.
1703	LACOCK ST.SANDY LAKE	024	024	030.0	036.5	01	1	1	02	12	0	17	0	0	000298	2013	000012	2013	OVER SANDY CREEK
1704	WALNUT ST., SANDY LAKE	014	014	014.3	015.0	99	1	1	01	12	0	17	0	0	000183	2013	000007	2013	OVER OUTLET CREEK
1708	TRIPLE LINK RD, SANDY LK	000	024	024.9	028.3	03	1	0	02	11	0	08	0	0	000153	2014	000006	2014	OVER SANDY CREEK
1709	TRIPLE LINK SANDY LK TWP	000	014	022.6	025.6	06	1	1	02	11	0	08	0	0	000106	2014	000004	2014	OVER BUTCHERY RUN
1714	TRIPLE LINK SANDY LK TWP	018	018	000.0	000.0	05	1	0	02	11	0	08	0	0	000131	2013	000005	2013	OVER BUTCHERY CREEK
1716	ANDERSON ROAD SANDY LAK	018	018	000.0	000.0	06	1	0	02	11	0	08	0	0	000145	2012	000006	2012	OVER BUTCHERY CREEK
1717	FAIRGROUND RD. STONEBOR	016	016	000.0	000.0	04	1	0	02	11	0	08	0	0	000467	2012	000018	2012	OVER SAW MILL RUN
1801	W. KIDDS MILL PYMATUNING	000	020	016.6	017.0	01	0	0	01	11	0	08	0	0	000001	2012	000000	2012	OVER SHENANGO RIVER
1807	WHITING RD.,S.PYMATUNING	019	030	000.0	000.0	06	1	0	02	11	0	08	0	0	000062	2014	000003	2014	OVER PYMATUNING TRIB
1812	S. ORANGEVILLE RD, S PYM	023	023	030.0	039.0	05	1	0	02	11	0	08	3	0	001695	2013	000068	2013	OVER PYMATUNING CREEK
1815	ORANGEVILLE RD S PYM TWP	017	017	026.0	029.0	15	1	0	02	11	0	08	3	0	000573	2012	000023	2012	OVER MCCULLOUGH RUN
1850	HURON ST OVER CHESTNUT	014	014	022.1	028.9	01	0	0	02	11	0	08	0	0	000034	2013			OVER CHESTNUT RUN
1851	ORANGEVLE OVER TOWEL WF	021	027	000.0	000.0	04	0	0	02	11	0	09	0	0	000650	2013	000026	2013	OVER TOWEL WORKS RUN
1904	FULLINGMILL RD JEFFERSON	024	024	024.9	028.3	03	1	1	02	11	0	08	0	0	000632	2012	000025	2012	OVER LACKAWANNOCK CREEK
1905	N BEND RD JEFFERSON TWP	000	022	028.0	033.5	06	1	0	02	11	0	08	0	0	000070	2013	000003	2013	OVER LACKAWANNOCK CREEK
1907	GOLF RD JEFFERSON TWP	000	030	000.0	000.0	05	1	0	02	11	0	08	0	0	000132	2014	000005	2014	OVER SHENANGO RIVER BR
1912	BEND RD., JEFFERSON TWP.	016	028	000.0	000.0	06	1	0	02	11	0	08	0	0	000170	2014	000007	2014	OVER DALEY RUN
1913	MC CULLOUGH RD JEFFERSON	016	030	000.0	000.0	06	1	0	02	11	0	08	0	0	000070	2014	000003	2014	OVER DALEY RUN
1914	BALLPARK RD JEFFERSON	016	028	000.0	000.0	03	1	0	02	11	0	08	0	0	000100	2014	000004	2014	OVER ANDERSON RUN
1915	CLAY FURNACE, JEFFERSON	018	018	030.0	034.0	03	1	0	02	11	0	08	0	0	000144	2013	000006	2013	OVER MAGARGEE RUN
1916	HASSEL ROAD JEFFERSON	018	018	030.0	034.0	03	1	0	02	11	0	08	0	0	000111	2013	000005	2013	OVER MAGARGEE RUN

COMPLETE LISTING OF LOCAL BRIDGES

Bridges 1514 - 1916

Bridge No.	Location	Hist Signif	Covered Br	Str Type	Str Type	Culv Len	Str Length	CP/A	Wt Lim	Wt Combo	Date last Insp	Appr Slab	Appr Rwy	Deck WS	Deck	Super	Paint	Sub	Chan	Cul	Rem Life	Str Cond	Dk Gm
1514	SKUNK RUN, FAIRVIEW TWP.	5	N	505	PS SLAB (SOLID)		000023	A			07/22/13	N	7	8	8	8	25	8	8	N	38	8	5
1517	SCHRADER RD. FAIRVIEW	5	N	319	ST PIPE-ARCH	00024	000014	P	15		02/19/14	N	N	N	N	N	NN	N	7	3	05	3	4
1601	CANON RD., LAKE TWP.	5	N	505	PS ADJ BOX BM		000033	A			07/23/13	N	7	8	8	6	NN	8	8	N	30	6	5
1602	STOCK FARM RD, LAKE TWP	4	N	302	ST STRINGER		000021	A			03/07/13	N	5	N	5	6	65	5	6	N	12	5	4
1603	MCCORMICK RD., LAKE TWP.	5	N	319	ST PIPE-ARCH	00056	000015	A			02/20/14	N	N	N	N	N	NN	N	7	8	42	8	N
1605	STECKLER RD., LAKE TWP.	4	N	302	ST STRINGER		000027	P	18	32	07/02/14	N	5	N	5	4	55	5	6	N	10	4	2
1606	HUTCHISON RD LAKE TWP	5	N	302	ST STRINGER		000025	P	28		06/12/14	N	6	N	6	5	31	5	6	N	12	5	7
1607	SHELL ROAD, LAKE TWP.	5	N	319	ST PIPE-ARCH	00045	000012	A			01/16/13	N	N	N	N	N	NN	N	6	6	25	6	N
1608	SKUNK RUN ROAD, LAKE TWP	5	N	119	RC BOX CULV	00028	000010	A			01/18/13	N	N	N	N	N	NN	N	4	7	33	7	5
1609	COULSON RD., LAKE TWP.	5	N	319	ST PIPE-ARCH	00061	000008	A			01/28/13	N	N	N	N	N	NN	N	8	7	33	7	N
1703	LACOCK ST.SANDY LAKE	5	N	505	PS ADJ BOX BM		000078	A			08/06/13	N	7	5	5	4	NN	7	7	N	10	4	6
1704	WALNUT ST., SANDY LAKE	5	N	302	ST STRINGER		000025	P	10	19	08/01/13	N	5	N	4	4	31	5	4	N	10	4	2
1708	TRIPLE LINK RD, SANDY LK	5	N	505	PS ADJ BOX BM		000072	A			07/03/14	N	5	5	7	5	NN	7	7	N	20	5	5
1709	TRIPLE LINK SANDY LK TWP	5	N	505	PS ADJ BOX BM		000032	A			07/03/14	N	7	8	8	8	NN	5	6	N	26	5	4
1714	TRIPLE LINK SANDY LK TWP	5	N	319	ST PIPE-ARCH	00045	000028	A			08/02/13	N	N	N	N	N	NN	N	7	6	25	6	N
1716	ANDERSON ROAD SANDY LAK	5	N	319	ST PIPE CULV	00050	000005	A			02/11/13	N	N	N	N	N	NN	N	8	5	17	5	N
1717	FAIRGROUND RD. STONEBOR	5	N	319	ST PIPE-ARCH	00026	000009	A			02/11/13	N	N	N	N	N	NN	N	4	6	25	6	5
1801	W. KIDDS MILL PYMATUNING	1	Y	710	TI TRUSS THRU		000122	C			08/06/12	N	4	N	4	3	NN	4	8	N	05	0	0
1807	WHITING RD.,S.PYMATUNING	5	N	319	ST ARCH CULV	00060	000016	A			03/18/14	N	N	N	N	N	NN	N	7	6	25	6	N
1812	S. ORANGEVILLE RD, S PYM	5	N	402	ST STRINGER		000234	A			08/28/13	N	7	4	4	6	61	8	8	N	10	6	5
1815	ORANGEVILLE RD S PYM TWP	5	N	302	ST STRINGER		000021	A			02/26/13	N	6	N	8	8	88	5	7	N	26	5	5
1850	HURON ST OVER CHESTNUT	5	N	302	ST STRINGER		000029	P	33		08/15/13	N	7	7	7	4	64	5	6	N	10	4	5
1851	ORANGEVLE OVER TOWEL WF	5	N	319	ST ARCH CULV	00073	000024	P	10		09/04/13	N	N	N	N	N	NN	N	8	4	10	2	N
1904	FULLINGMILL RD JEFFERSON	5	N	505	PS ADJ BOX BM		000030	A			09/06/12	N	8	8	8	6	NN	8	6	N	30	6	4
1905	N BEND RD JEFFERSON TWP	5	N	402	ST STRINGER		000146	A			08/27/13	N	5	7	7	8	88	8	8	N	34	8	6
1907	GOLF RD JEFFERSON TWP	5	N	319	ST PIPE-ARCH	00063	000014	A			03/10/14	N	N	N	N	N	NN	N	7	6	25	6	N
1912	BEND RD., JEFFERSON TWP.	5	N	319	ST PIPE-ARCH	00058	000009	A			03/10/14	N	N	N	N	N	NN	N	7	6	25	6	N
1913	MC CULLOUGH RD JEFFERSON	5	N	319	ST PIPE-ARCH	00037	000013	A			01/30/14	N	N	N	N	N	NN	N	7	6	25	6	N
1914	BALLPARK RD JEFFERSON	5	N	119	PC PIPE CULV	00040	000006	A			03/05/14	N	N	N	N	N	NN	N	8	8	42	8	N
1915	CLAY FURNACE, JEFFERSON	5	N	505	PS ADJ BOX BM		000044	A			08/07/13	N	7	8	8	8	NN	8	5	N	38	8	6
1916	HASSEL ROAD JEFFERSON	5	N	505	PS ADJ BOX BM		000042	A			08/12/13	N	7	7	7	5	NN	5	8	N	14	5	6

COMPLETE LISTING OF LOCAL BRIDGES

Bridges 1514 - 1916

Bridge No.	Location	Un Cl	Wway	Appr Align	Traffic Safety Feat	Br Post	Scour Critical	Sufficiency Rate	SD / FO
1514	SKUNK RUN, FAIRVIEW TWP.	N	8	8	6666	9	8	98.7006071700657	
1517	SCHRADER RD. FAIRVIEW	N	8	4	3222	5	8	26.87675	S
1601	CANON RD., LAKE TWP.	N	8	8	6666	9	8	98.7987188180571	
1602	STOCK FARM RD, LAKE TWP	N	7	6	4223	5	5	66.5189953676406	
1603	MCCORMICK RD., LAKE TWP.	N	8	N	8888	5	8	99.98829578395	
1605	STECKLER RD., LAKE TWP.	N	7	7	4222	3	3	52.3430527499061	S
1606	HUTCHISON RD LAKE TWP	N	8	8	4222	2	3	75.8568719057822	
1607	SHELL ROAD, LAKE TWP.	N	8	N	2222	5	8	96.98717078395	
1608	SKUNK RUN ROAD, LAKE TWP	N	8	8	6564	9	5	98.97130828395	
1609	COULSON RD., LAKE TWP.	N	8	8	6666	5	8	99.96809246875	
1703	LACOCK ST.SANDY LAKE	N	8	8	6222	9	3	69.9666710005816	S
1704	WALNUT ST., SANDY LAKE	N	4	8	4222	1	3	31.8787793801743	S
1708	TRIPLE LINK RD, SANDY LK	N	6	7	6363	9	5	84.208342759039	
1709	TRIPLE LINK SANDY LK TWP	N	8	5	8877	8	3	77.4350605432	
1714	TRIPLE LINK SANDY LK TWP	N	8	8	2222	5	8	96.95084246875	
1716	ANDERSON ROAD SANDY LAK	N	8	N	2222	5	8	85.9249832188757	
1717	FAIRGROUND RD. STONEBORO	N	8	N	4222	5	8	95.8582188180571	
1801	W. KIDDS MILL PYMATUNING	N	8	0	NNNN	0	4	34.7496772151899	S
1807	WHITING RD.,S.PYMATUNING	N	8	N	2222	5	8	96.9720325432	
1812	S. ORANGEVILLE RD, S PYM	N	8	8	6333	9	5	89.5505742648665	S
1815	ORANGEVILLE RD S PYM TWP	N	8	8	6887	9	5	82.19158371875	
1850	HURON ST OVER CHESTNUT	N	8	8	4222	3	3	61.4950211069944	S
1851	ORANGEVLE OVER TOWEL WF	N	8	N	3333	0	6	40.3625	S
1904	FULLINGMILL RD JEFFERSON	N	8	7	6666	9	8	90.0893711992324	
1905	N BEND RD JEFFERSON TWP	N	8	8	6333	9	4	97.9684325432	
1907	GOLF RD JEFFERSON TWP	N	8	N	3333	5	8	96.95046746875	
1912	BEND RD., JEFFERSON TWP.	N	8	N	6556	5	8	99.9234325432	
1913	MC CULLOUGH RD JEFFERSON	N	8	N	2222	5	8	96.9684325432	
1914	BALLPARK RD JEFFERSON	N	8	N	6664	5	8	99.97749578395	
1915	CLAY FURNACE, JEFFERSON	N	8	8	8888	9	3	99.96759578395	
1916	HASSEL ROAD JEFFERSON	N	8	7	6222	9	4	86.97130828395	

COMPLETE LISTING OF LOCAL BRIDGES

Bridges 1917 - 2304

Bridge No.	BRKEY	BMS ID	Location	Lat Degrees	Lat Min	Lat Sec	Long Degrees	Long Min	Long Sec	Year Built	Last Rconst type	Reconst Year	Owner	Owner Code	Type service
1917	0041683	43 7211 0496 1917	CLAYFURNACE RD JEFFERSON	41	15	45.20	80	23	01.40	2002	000	0000	MERCER COUNTY	02	15
1918	0026160	43 7211 0536 1918	DALEY RD JEFFERSON TWP	41	16	42.00	80	21	00.00	1967	000	0000	MERCER COUNTY	02	15
1919	0026168	43 7211 0577 1919	WEST RIVER RD JEFFERSON	41	16	48.00	80	20	48.00	1927	000	0000	MERCER COUNTY	02	15
1920	0026169	43 7211 0577 1920	W RIVER RD JEFFERSON TWP	41	16	54.00	80	19	30.00	1965	000	0000	MERCER COUNTY	02	15
1922	0026161	43 7211 0536 1922	DALEY RD JEFFERSON TWP	41	15	12.00	80	21	00.00	1994	000	0000	MERCER COUNTY	02	15
2003	0042472	43 7201 0656 2003	RUSSELL RD. COOLSPRING	41	18	00.00	80	14	36.00	1994	000	0000	MERCER COUNTY	02	15
2004	0026078	43 7201 0597 2004	HOLMES RD COOLSPRING TWP	41	17	51.00	80	14	12.00	1984	000	0000	MERCER COUNTY	02	15
2005	0026079	43 7201 0603 2005	N MILL RD COOLSPRING TWP	41	18	08.00	80	10	59.00	1984	000	0000	MERCER COUNTY	02	15
2007	0026082	43 7201 0688 2007	TAIT ROAD COOLSPRING TWP	41	16	42.90	80	13	53.00	1966	000	0000	MERCER COUNTY	02	15
2009	0045181	43 7201 0686 2009	LIGO ROAD COOLSPRING TWP	41	16	06.00	80	13	12.00	1993	000	0000	MERCER COUNTY	02	15
2010	0026077	43 7201 0539 2010	E. CORNELL RD COOLPSRING	41	15	32.00	80	13	33.00	1985	000	0000	MERCER COUNTY	02	15
2011	0026084	43 7201 0730 2011	ANDRUSKY RD., COOLSPRING	41	14	30.00	80	11	12.10	1985	000	0000	MERCER COUNTY	02	15
2012	0026083	43 7201 0704 2012	MCEWEN RD. COOLSPRING	41	16	26.90	80	12	33.40	1994	000	0000	MERCER COUNTY	02	15
2104	0026151	43 7210 0732 2104	N. COTTAGE RD. JACKSON	41	17	30.00	80	10	30.00	1921	000	0000	MERCER COUNTY	02	15
2106	0043530	43 7210 0607 2106	FOX MINE RD JACKSON TWP	41	17	51.90	80	09	02.10	2006	000	0000	MERCER COUNTY	02	15
2107	0026154	43 7210 0784 2107	HOSACK RD., JACKSON TWP.	41	17	41.70	80	09	04.60	1965	000	0000	MERCER COUNTY	02	15
2108	0026155	43 7210 0784 2108	HOSACK RD., JACKSON TWP.	41	17	13.50	80	09	02.80	1965	000	0000	MERCER COUNTY	02	15
2109	0026157	43 7210 0786 2109	CLARK ROAD, JACKSON TWP.	41	17	02.00	80	08	23.30	1976	000	0000	MERCER COUNTY	02	15
2110	0026158	43 7210 0786 2110	CLARK ROAD, JACKSON TWP.	41	16	53.50	80	08	20.20	1972	000	0000	MERCER COUNTY	02	15
2111	0026156	43 7210 0784 2111	HOSACK RD., JACKSON TWP.	41	16	38.80	80	08	56.20	1965	000	0000	MERCER COUNTY	02	15
2113	0026153	43 7210 0774 2113	S. FOSTER RD. JACKSON	41	16	04.20	80	09	09.50	1958	000	0000	MERCER COUNTY	02	15
2115	0026152	43 7210 0732 2115	S. COTTAGE RD. JACKSON	41	15	01.20	80	10	20.30	1981	000	0000	MERCER COUNTY	02	15
2116	0026175	43 7213 0613 2116	PARKER ROAD, LAKE TWP	41	18	15.50	80	06	37.00	1923	000	0000	MERCER COUNTY	02	15
2205	0026309	43 7231 0882 2205	CREEK ROAD, WORTH TWP.	41	16	18.00	80	03	42.00	1901	000	0000	MERCER COUNTY	02	15
2207	0026312	43 7231 0912 2207	JACK ROAD, WORTH TWP	41	15	34.00	80	01	15.00	1938	000	0000	MERCER COUNTY	02	15
2209	0026310	43 7231 0882 2209	CREEK ROAD, WORTH TWP.	41	14	51.20	80	03	39.20	1962	000	0000	MERCER COUNTY	02	15
2211	0026311	43 7231 0894 2211	JAMISON RD. WORTH TWP.	41	14	54.00	80	02	00.00	1983	000	0000	MERCER COUNTY	02	15
2212	0026313	43 7231 0912 2212	PATTERSON SCHOOL, WORTH	41	14	48.00	80	01	12.00	1980	000	0000	MERCER COUNTY	02	15
2302	0043983	43 7302 8809 2302	SOUTH OAKLAND AVE SHARON	41	13	54.00	80	30	00.00	2006	000	0000	MERCER COUNTY	02	51
2303	0026325	43 7303 0388 2303	KELLY ROAD HERMITAGE	41	16	03.60	80	28	13.80	1967	000	0000	MERCER COUNTY	02	55
2304	0026326	43 7303 0388 2304	KELLY ROAD HERMITAGE	41	16	03.60	80	28	13.80	1897	000	0000	MERCER COUNTY	02	15

COMPLETE LISTING OF LOCAL BRIDGES

Bridges 1917 - 2304

Bridge No.	Location	Appr Pave Width	Appr Rwy Width	Bridge Rwy width	Deck width	Detour	School bus	Pub Trans	Numb Lanes	Hwy System	NHS	Func Clas	State Net	Nat Net	ADT	ADT year	ADTT	ADTT year	Feat Intersected
1917	CLAYFURNACE RD JEFFERSON	020	024	025.4	028.3	06	1	0	02	11	0	08	0	0	000075	2012	000003	2012	OVER MAGARGEE RUN
1918	DALEY RD JEFFERSON TWP	014	030	000.0	000.0	04	1	0	02	11	0	08	0	0	000058	2014	000002	2014	OVER DALEY RUN
1919	WEST RIVER RD JEFFERSON	000	018	000.0	000.0	07	1	0	02	11	0	08	0	0	000074	2012			OVER SHENANGO RIVER BR
1920	W RIVER RD JEFFERSON TWP	000	029	000.0	000.0	05	1	0	02	11	0	08	0	0	000043	2014	000002	2014	OVER SHENANGO RIVER TRIB
1922	DALEY RD JEFFERSON TWP	000	024	000.0	000.0	06	1	0	02	11	0	08	0	0	000065	2014	000002	2014	OVER DALEY RUN
2003	RUSSELL RD. COOLSPRING	020	024	000.0	000.0	05	1	0	02	11	0	08	0	0	000638	2012	000026	2012	OVER OTTER CREEK BRANCH
2004	HOLMES RD COOLSPRING TWP	024	024	028.0	031.5	10	1	1	02	11	0	08	0	0	000079	2013			OVER OTTER CREEK
2005	N MILL RD COOLSPRING TWP	024	024	024.9	028.0	01	1	0	02	11	0	08	0	0	000082	2013			OVER COOLSPRING CREEK
2007	TAIT ROAD COOLSPRING TWP	019	019	030.0	033.5	10	1	1	02	11	0	08	0	0	000359	2013	000014	2013	OVER OTTER CREEK
2009	LIGO ROAD COOLSPRING TWP	020	024	000.0	000.0	06	1	0	02	11	0	08	0	0	000077	2012	000003	2012	OVER KENTS RUN
2010	E. CORNELL RD COOLPSRING	020	024	024.8	028.3	03	1	1	02	11	0	08	0	0	000562	2012	000022	2012	OVER OTTER CREEK
2011	ANDRUSKY RD., COOLSPRING	020	028	028.0	031.5	10	1	0	02	11	0	08	0	0	000122	2012	000005	2012	OVER YELLOW CREEK
2012	MCEWEN RD. COOLSPRING	020	024	024.5	027.0	05	0	0	02	11	0	08	0	0	000066	2013			OVER KENTS RUN
2104	N. COTTAGE RD. JACKSON	014	018	020.0	024.0	06	1	0	02	11	0	08	0	0	000596	2014	000024	2014	OVER COOLSPRING CREEK BR
2106	FOX MINE RD JACKSON TWP	020	024	024.8	028.3	04	1	0	02	11	0	08	0	0	000342	2012	000014	2012	OVER UNNAMED TRIB FOX RUN
2107	HOSACK RD., JACKSON TWP.	018	018	028.0	030.0	04	1	0	02	11	0	08	0	0	000222	2013	000009	2013	OVER UNNAMED TRIB FOX RUN
2108	HOSACK RD., JACKSON TWP.	018	018	028.0	030.0	03	1	0	02	11	0	08	0	0	000222	2013	000009	2013	OVER UNNAMED TRIB FOX RUN
2109	CLARK ROAD, JACKSON TWP.	016	020	030.0	034.0	06	1	0	02	11	0	08	0	0	000071	2013	000003	2013	OVER FOX RUN
2110	CLARK ROAD, JACKSON TWP.	014	022	030.0	034.0	03	1	1	02	11	0	08	0	0	000090	2014	000004	2014	OVER YELLOW CREEK
2111	HOSACK RD., JACKSON TWP.	022	022	028.0	031.5	03	1	1	02	11	0	08	0	0	000206	2013	000008	2013	OVER YELLOW CREEK
2113	S. FOSTER RD. JACKSON	018	018	024.0	025.5	05	1	1	02	11	0	08	0	0	000485	2012	000020	2012	OVER YELLOW CREEK
2115	S. COTTAGE RD. JACKSON	022	022	030.0	034.0	10	1	0	02	11	0	08	0	0	000226	2013	000009	2013	OVER YELLOW CREEK
2116	PARKER ROAD, LAKE TWP	000	016	023.5	026.0	04	1	0	02	11	0	08	0	0	000111	2013	000005	2013	OVER FOX RUN
2205	CREEK ROAD, WORTH TWP.	011	011	014.2	014.8	99	0	0	01	11	0	08	0	0	000018	2014			OVER WOLF CREEK
2207	JACK ROAD, WORTH TWP	013	013	017.0	017.5	04	1	0	01	11	0	08	0	0	000071	2013			OVER WOLF CREEK BRANCH
2209	CREEK ROAD, WORTH TWP.	018	026	028.0	030.0	03	0	1	02	11	0	08	0	0	000037	2014	000002	2014	OVER WOLF CREEK
2211	JAMISON RD. WORTH TWP.	027	030	000.0	000.0	03	0	0	02	11	0	08	0	0	000079	2012	000003	2012	OVER WOLF CREEK BRANCH
2212	PATTERSON SCHOOL, WORTH	020	030	030.0	033.0	03	1	0	02	11	0	08	5	0	000091	2012	000004	2012	OVER WOLF CREEK BRANCH
2302	SOUTH OAKLAND AVE SHARO	025	025	036.0	050.9	01	1	1	02	14	0	14	0	0	003556	2012	000142	2012	OVER SR 0062
2303	KELLY ROAD HERMITAGE	035	035	016.0	021.0	01	1	0	01	12	0	19	0	0	000519	2013	000021	2013	OVER SHENANGO RIVER
2304	KELLY ROAD HERMITAGE	035	035	016.0	019.0	01	1	0	01	12	0	17	0	0	000412	2005	000016	2005	OVER SHENANGO RIVER

COMPLETE LISTING OF LOCAL BRIDGES

Bridges 1917 - 2304

Bridge No.	Location	Hist Signif	Covered Br	Str Type	Str Type	Culv Len	Str Length	CP/A	Wt Lim	Wt Combo	Date last Insp	Appr Slab	Appr Rwy	Deck WS	Deck	Super	Paint	Sub	Chan	Cul	Rem Life	Str Cond	Dk Gm
1917	CLAYFURNACE RD JEFFERSON	5	N	505	PS ADJ BOX BM		000031	A			09/07/12	N	8	8	8	8	NN	8	7	N	38	8	6
1918	DALEY RD JEFFERSON TWP	5	N	319	ST ARCH CULV	00047	000016	A			03/11/14	N	N	N	N	N	NN	N	7	5	17	5	N
1919	WEST RIVER RD JEFFERSON	5	N	119	PC PIPE CULV	00020	000004	A			02/19/13	N	N	N	N	N	NN	N	8	4	10	4	N
1920	W RIVER RD JEFFERSON TWP	5	N	319	ST PIPE CULV	00096	000005	A			03/11/14	N	N	N	N	N	NN	N	6	4	10	4	N
1922	DALEY RD JEFFERSON TWP	5	N	319	ST PIPE-ARCH	00095	000010	A			03/07/14	N	N	N	N	N	NN	N	7	8	42	8	N
2003	RUSSELL RD. COOLSPRING	5	N	319	ST PIPE-ARCH	00064	000009	A			11/28/12	N	N	N	N	N	NN	N	7	7	33	7	N
2004	HOLMES RD COOLSPRING TWP	5	N	302	ST STRINGER		000053	A			08/13/13	N	8	8	8	8	89	8	7	N	38	8	7
2005	N MILL RD COOLSPRING TWP	5	N	505	PS ADJ BOX BM		000042	A			09/04/13	N	5	8	6	6	NN	8	7	N	23	6	6
2007	TAIT ROAD COOLSPRING TWP	5	N	302	ST STRINGER		000085	A			09/05/13	N	7	N	6	5	41	7	8	N	17	5	6
2009	LIGO ROAD COOLSPRING TWP	5	N	119	RC BOX CULV	00041	000012	A			11/28/12	N	N	N	N	N	NN	N	7	7	33	7	N
2010	E. CORNELL RD COOLPSRING	5	N	505	PS ADJ BOX BM		000093	A			07/10/12	N	7	7	7	8	NN	8	7	N	34	8	4
2011	ANDRUSKY RD., COOLSPRING	5	N	302	ST STRINGER		000068	A			07/11/12	N	7	6	6	8	8N	8	7	N	30	8	6
2012	MCEWEN RD. COOLSPRING	5	N	119	RC BOX CULV	00027	000022	A			09/09/13	N	8	N	N	N	NN	N	8	8	42	8	6
2104	N. COTTAGE RD. JACKSON	5	N	119	RC ARCH CULV	00024	000010	A			03/19/14	N	N	N	N	N	NN	N	7	4	10	4	3
2106	FOX MINE RD JACKSON TWP	5	N	505	PS SLAB (SOLID)		000027	A			09/11/12	N	8	7	7	8	NN	8	6	N	34	8	5
2107	HOSACK RD., JACKSON TWP.	5	N	302	ST STRINGER		000028	A			09/09/13	N	7	N	6	5	31	7	8	N	17	5	6
2108	HOSACK RD., JACKSON TWP.	5	N	302	ST STRINGER		000027	P	32	40	09/16/13	N	7	N	6	4	31	4	5	N	10	4	6
2109	CLARK ROAD, JACKSON TWP.	5	N	302	ST STRINGER		000035	A			09/10/13	N	7	6	6	7	61	8	6	N	26	7	6
2110	CLARK ROAD, JACKSON TWP.	5	N	505	PS ADJ BOX BM		000027	A			07/07/14	N	7	7	7	7	NN	7	7	N	26	7	6
2111	HOSACK RD., JACKSON TWP.	5	N	302	ST STRINGER		000077	A			09/11/13	N	8	N	6	5	41	7	7	N	17	5	6
2113	S. FOSTER RD. JACKSON	5	N	302	ST STRINGER		000048	A			09/14/12	N	7	N	6	7	61	6	7	N	20	7	4
2115	S. COTTAGE RD. JACKSON	5	N	505	PS ADJ BOX BM		000068	A			09/13/13	N	7	6	6	6	NN	8	7	N	23	6	6
2116	PARKER ROAD, LAKE TWP	5	N	104	RC T BEAM		000023	P	16	29	09/20/13	N	7	7	4	3	NN	4	6	N	05	3	4
2205	CREEK ROAD, WORTH TWP.	5	N	302	ST STRINGER		000016	P	10	19	03/21/14	N	7	N	5	5	41	3	7	N	05	3	6
2207	JACK ROAD, WORTH TWP	5	N	302	ST STRINGER		000036	A			09/20/13	N	7	N	6	6	78	7	8	N	20	6	3
2209	CREEK ROAD, WORTH TWP.	5	N	302	ST STRINGER		000073	A			07/07/14	N	7	N	6	6	31	7	7	N	20	6	7
2211	JAMISON RD. WORTH TWP.	5	N	119	RC BOX CULV	00056	000042	A			07/10/12	N	N	N	N	N	NN	N	7	7	33	7	N
2212	PATTERSON SCHOOL, WORTH	5	N	119	RC BOX CULV	00035	000018	A			12/04/12	N	8	8	N	N	NN	N	7	8	42	8	7
2302	SOUTH OAKLAND AVE SHARO	5	N	307	ST RIGID FRAME		000319	A			10/04/12	7	8	7	8	8	99	8	N	N	38	8	6
2303	KELLY ROAD HERMITAGE	5	N	302	ST STRINGER		000156	P	27	31	10/08/13	N	5	N	5	4	21	6	7	N	10	4	2
2304	KELLY ROAD HERMITAGE	5	N	310	ST TRUSS THRU		000187	C	00		04/14/14	N	7	N	2	0	11	5	8	N	00	0	3

COMPLETE LISTING OF LOCAL BRIDGES

Bridges 1917 - 2304

Bridge No.	Location	Un Cl	Wway	Appr Align	Traffic Safety Feat	Br Post	Scour Critical	Sufficiency Rate	SD / FO
1917	CLAYFURNACE RD JEFFERSON	N	8	7	8884	9	6	99.9661825432	
1918	DALEY RD JEFFERSON TWP	N	8	N	2222	5	8	85.9800001887135	
1919	WEST RIVER RD JEFFERSON	N	8	N	8888	5	8	72.9429396831224	S
1920	W RIVER RD JEFFERSON TWP	N	8	N	3333	5	8	69.9763360032328	S
1922	DALEY RD JEFFERSON TWP	N	8	N	6666	5	8	99.9706825432	
2003	RUSSELL RD. COOLSPRING	N	8	N	6666	5	8	99.76071746875	
2004	HOLMES RD COOLSPRING TWP	N	8	8	6624	9	8	98.9402295	
2005	N MILL RD COOLSPRING TWP	N	8	8	6626	9	5	99.99384994795	
2007	TAIT ROAD COOLSPRING TWP	N	8	8	4222	9	3	84.9011496646028	
2009	LIGO ROAD COOLSPRING TWP	N	8	N	6664	9	8	99.9652825432	
2010	E. CORNELL RD COOLPSRING	N	8	7	6666	9	8	89.85668578395	
2011	ANDRUSKY RD., COOLSPRING	N	8	7	6666	9	5	99.9079795	
2012	MCEWEN RD. COOLSPRING	N	8	7	6664	9	8	99.97521746875	
2104	N. COTTAGE RD. JACKSON	N	8	6	3222	5	8	50.4153940816615	S
2106	FOX MINE RD JACKSON TWP	N	8	8	8888	9	8	90.8852366752	
2107	HOSACK RD., JACKSON TWP.	N	8	8	4222	6	3	85.6453984078938	
2108	HOSACK RD., JACKSON TWP.	N	8	8	4222	5	3	67.7014765174344	S
2109	CLARK ROAD, JACKSON TWP.	N	8	8	6222	9	3	97.9679825432	
2110	CLARK ROAD, JACKSON TWP.	N	8	7	6222	9	3	97.97974578395	
2111	HOSACK RD., JACKSON TWP.	N	8	8	4222	9	3	85.9467559190851	
2113	S. FOSTER RD. JACKSON	N	8	7	4222	8	3	84.5095862349589	
2115	S. COTTAGE RD. JACKSON	N	8	8	6222	9	3	97.8299795	
2116	PARKER ROAD, LAKE TWP	N	8	8	3222	5	3	42.4247759252532	S
2205	CREEK ROAD, WORTH TWP.	N	6	6	3222	0	5	24.6932325581395	S
2207	JACK ROAD, WORTH TWP	N	8	4	4244	8	3	87.2259268745355	F
2209	CREEK ROAD, WORTH TWP.	N	8	7	4222	9	3	96.99167078395	
2211	JAMISON RD. WORTH TWP.	N	8	N	8888	8	8	99.98222078395	
2212	PATTERSON SCHOOL, WORTH	N	8	8	6222	8	8	97.7016536474144	
2302	SOUTH OAKLAND AVE SHARO	8	N	7	8888	9	N	99.73329994795	
2303	KELLY ROAD HERMITAGE	N	8	6	4222	3	4	37.5751790271469	S
2304	KELLY ROAD HERMITAGE	N	8	4	3222	0	6	18.9163333333333	S

COMPLETE LISTING OF LOCAL BRIDGES

Bridges 2310 - 2704

Bridge No.	BRKEY	BMS ID				Location	Lat Degrees	Lat Min	Lat Sec	Long Degrees	Long Min	Long Sec	Year Built	Last Rconst type	Reconst Year	Owner	Owner Code	Type service
2310	0026329	43	7303	0446	2310	ROBERTSON RD HERMITAGE	41	15	42.30	80	25	20.00	1956	661	2001	MERCER COUNTY	02	15
2313	0026317	43	7302	8814	2313	SILVER ST SHARON	41	14	03.00	80	30	38.00	1983	000	0000	MERCER COUNTY	02	55
2319	0026319	43	7302	8816	2319	WALNUT ST, SHARON	41	13	52.20	80	30	16.70	1967	000	0000	MERCER COUNTY	02	55
2322	0026328	43	7303	0425	2322	WISE ROAD HERMITAGE	41	12	18.00	80	23	42.00	1977	000	0000	MERCER COUNTY	02	15
2323	0044256	43	7303	0423	2323	HOGBACK ROAD HERMITAGE	41	11	38.60	80	26	04.00	2007	000	0000	MERCER COUNTY	02	15
2324	0042111	43	7303	0307	2324	LYNNWOOD RD., HERMITAGE	41	11	36.20	80	27	52.90	2003	000	0000	MERCER COUNTY	02	15
2325	0026330	43	7303	0461	2325	ROMBOLD RD., HERMITAGE	41	12	55.10	80	27	48.20	1963	663	1998	MERCER COUNTY	02	15
2326	0042631	43	7303	0465	2326	SAMPLE ROAD HERMITAGE	41	12	24.00	80	25	48.00	1961	000	0000	MERCER COUNTY	02	15
2328	0043328	43	7303	0545	2328	CASSIDY ROAD HERMITAGE	41	15	48.00	80	25	18.00	1992	000	0000	MERCER COUNTY	02	15
2329	0026320	43	7302	8818	2329	WENGLER AVE, SHARON	41	13	44.50	80	29	27.60	1929	000	0000	MERCER COUNTY	02	55
2337	0026318	43	7302	8815	2337	SPENCER AVE SHARON	41	13	30.00	80	29	12.00	1949	000	0000	MERCER COUNTY	02	55
2338	0026321	43	7302	8819	2338	SMITH AVE.,SHARON	41	13	42.00	80	29	00.00	1948	000	0000	MERCER COUNTY	02	15
2339	0026316	43	7302	8813	2339	SERVICE AVE,SHARON	41	13	32.10	80	29	06.90	1951	000	0000	MERCER COUNTY	02	55
2340	0026344	43	7410	8823	2340	9TH ST.,SHARPSVILLE BORO	41	15	06.00	80	29	06.00	1957	000	0000	MERCER COUNTY	02	15
2350	0026322	43	7302	8819	2350	PRINDLE ST. SHARON CITY	41	13	46.90	80	29	30.90	1935	000	0000	CITY OF SHARON	03	55
2403	0026172	43	7212	0490	2403	MCCONNELL RD LACKAWAN	41	10	42.00	80	22	54.00	1964	000	0000	MERCER COUNTY	02	15
2404	0026173	43	7212	0492	2404	REIBER RD LACKAWANNOCK	41	12	54.00	80	22	48.00	1963	000	0000	MERCER COUNTY	02	15
2603	0026112	43	7206	0682	2603	OAKLAND RD FINDLEY TWP.	41	14	02.20	80	13	07.50	1965	000	0000	MERCER COUNTY	02	15
2606	0026096	43	7204	0401	2606	OLD MERCER RD E LACK TWP	41	11	22.10	80	13	42.80	1922	000	0000	MERCER COUNTY	02	15
2611	0026115	43	7206	0730	2611	ANDRUSKY RD. FINDLEY TWP	41	13	53.70	80	10	58.60	1969	000	0000	MERCER COUNTY	02	15
2619	0026116	43	7206	0776	2619	CHURCH RD, FINDLEY TWP.	41	13	29.80	80	08	22.00	1975	000	0000	MERCER COUNTY	02	15
2623	0026110	43	7206	0439	2623	CLINTONVILLE RD FINDLEY	41	13	12.00	80	10	36.00	1988	000	0000	MERCER COUNTY	02	15
2625	0026109	43	7206	0433	2625	PARKER RD FINDLEY TWP	41	12	30.00	80	10	24.00	1987	000	0000	MERCER COUNTY	02	15
2627	0026107	43	7206	0405	2627	GLENN ROAD FINDLEY TWP	41	11	06.00	80	09	12.00	1991	000	0000	MERCER COUNTY	02	15
2628	0026108	43	7206	0405	2628	GLENN ROAD FINDLEY TWP	41	11	06.00	80	09	42.00	1992	000	0000	MERCER COUNTY	02	15
2629	0040969	43	7206	0944	2629	UBER ROAD, FINDLEY TWP.	41	11	12.00	80	09	48.00	2000	000	0000	MERCER COUNTY	02	15
2630	0026106	43	7206	0403	2630	MCCLELLAND RD. FINDLEY	41	11	13.00	80	10	08.00	1988	000	0000	MERCER COUNTY	02	15
2631	0026114	43	7206	0724	2631	CRIBBS ROAD FINDLEY TWP	41	11	30.00	80	11	15.00	1994	000	0000	MERCER COUNTY	02	15
2633	0026113	43	7206	0698	2633	WOODLAND RD FINDLEY TWP	41	11	18.00	80	12	10.00	1986	000	0000	MERCER COUNTY	02	15
2650	0026341	43	7407	8808	2650	MERCER BORO OVER MUN RUN	41	13	36.00	80	13	33.70	1976	000	0000	MERCER BORO	03	15
2704	0026306	43	7230	0882	2704	MONTGOMERY DAM WOLF CRK	41	13	39.00	80	03	38.00	1985	000	0000	MERCER COUNTY	02	15

COMPLETE LISTING OF LOCAL BRIDGES

Bridges 2310 - 2704

Bridge No.	Location	Appr Pavement Width	Appr Rwy Width	Bridge Rwy width	Deck width	Detour	School bus	Pub Trans	Numb Lanes	Hwy System	NHS	Func Clas	State Net	Nat Net	ADT	ADT year	ADTT	ADTT year	Feat Intersected
2310	ROBERTSON RD HERMITAGE	018	020	024.0	026.9	02	1	0	02	11	0	17	0	0	000306	2014	000012	2014	OVER GOLDEN RUN
2313	SILVER ST SHARON	028	028	028.0	046.8	01	1	1	02	12	0	17	0	0	003814	2013	000152	2013	OVER SHENANGO RIVER
2319	WALNUT ST, SHARON	043	043	043.0	053.5	01	0	1	03	12	0	17	5	0	007021	2013	000702	2013	OVER PINE RUN
2322	WISE ROAD HERMITAGE	028	028	030.0	034.0	03	1	0	02	11	0	08	0	0	000093	2013	000004	2013	OVER W BR L NESHANOCK
2323	HOGBACK ROAD HERMITAGE	022	022	000.0	000.0	05	1	0	02	11	0	08	0	0	000144	2013	000006	2013	OVER HOGBACK RUN
2324	LYNNWOOD RD., HERMITAGE	025	025	030.0	032.9	04	1	1	02	11	0	08	0	0	001393	2013	000056	2013	OVER BOBBY RUN
2325	ROMBOLD RD., HERMITAGE	020	020	025.8	028.0	03	1	1	02	11	0	08	0	0	000973	2012	000039	2012	OVER BOBBY RUN
2326	SAMPLE ROAD HERMITAGE	019	019	000.0	000.0	04	1	0	02	11	0	08	0	0	000435	2014	000017	2014	OVER HOGBACK RUN
2328	CASSIDY ROAD HERMITAGE	020	024	024.0	024.0	05	1	0	02	11	0	08	0	0	000188	2014	000008	2014	OVER GOLDEN RUN
2329	WENGLER AVE, SHARON	030	030	030.0	045.0	01	1	1	02	12	0	17	0	0	000437	2013	000020	2013	OVER PINE HOLLOW RUN
2337	SPENCER AVE SHARON	030	030	030.0	050.0	01	1	1	02	14	0	17	5	0	002038	2014	000081	2014	OVER PINE RUN
2338	SMITH AVE.,SHARON	030	030	000.0	000.0	01	1	1	02	12	0	17	0	0	002436	2012	000106	2012	OVER PINE RUN BRANCH
2339	SERVICE AVE,SHARON	030	030	030.0	050.0	01	1	1	02	12	0	17	0	0	001541	2013	000062	2013	OVER PINE RUN
2340	9TH ST.,SHARPSVILLE BORO	026	026	027.0	064.0	01	1	0	02	12	0	17	0	0	000120	2012	000005	2012	OVER THORNTON RUN
2350	PRINDLE ST. SHARON CITY	030	030	040.3	054.1	02	0	0	02	12	0	19	0	0	001577	2014	000063	2014	OVER PINE RUN
2403	MCCONNELL RD LACKAWAN	016	028	000.0	000.0	99	1	0	02	11	0	08	0	0	000176	2012	000007	2012	OVER LT NESHANNOCK W BR
2404	REIBER RD LACKAWANNOCK	018	030	000.0	000.0	05	1	0	02	11	0	08	0	0	000273	2013	000011	2013	OVER LT NESHANNOCK BR
2603	OAKLAND RD FINDLEY TWP.	017	023	028.0	030.0	08	1	0	02	11	0	08	0	0	000603	2012	000024	2012	OVER OTTER CREEK
2606	OLD MERCER RD E LACK TWP	012	012	017.0	018.8	05	1	1	01	11	0	08	0	0	000325	2013	000013	2013	OVER NESHANNOCK CREEK
2611	ANDRUSKY RD. FINDLEY TWP	016	020	030.0	032.0	10	1	0	02	11	0	08	0	0	000323	2014	000013	2014	OVER MILL CREEK
2619	CHURCH RD, FINDLEY TWP.	016	024	030.0	034.0	03	1	0	02	11	0	08	0	0	000151	2012	000006	2012	OVER MILL RUN
2623	CLINTONVILLE RD FINDLEY	020	024	024.9	024.9	05	1	0	02	11	0	08	0	0	000311	2014	000012	2014	OVER BR. OF MILL CREEK
2625	PARKER RD FINDLEY TWP	020	024	027.0	024.0	05	1	0	02	11	0	08	0	0	000053	2014	000002	2014	OVER BRANCH MILL CREEK
2627	GLENN ROAD FINDLEY TWP	020	020	024.6	027.0	03	1	0	02	11	0	08	0	0	000035	2014	000002	2014	OVER PINE RUN
2628	GLENN ROAD FINDLEY TWP	020	020	024.6	027.0	03	1	0	02	11	0	08	0	0	000035	2014	000002	2014	OVER PINE RUN
2629	UBER ROAD, FINDLEY TWP.	020	024	024.0	027.5	03	1	0	02	11	0	08	5	0	000071	2012	000003	2012	OVER PINE RUN
2630	MCCLELLAND RD. FINDLEY	020	025	025.8	028.3	05	1	1	02	11	0	08	0	0	000123	2012	000005	2012	OVER PINE RUN
2631	CRIBBS ROAD FINDLEY TWP	024	024	024.0	028.3	04	0	0	02	11	0	08	0	0	000056	2013	000002	2013	OVER PINE RUN
2633	WOODLAND RD FINDLEY TWP	020	024	024.7	028.3	04	1	0	02	11	0	08	0	0	000149	2012	000006	2012	OVER PINE RUN
2650	MERCER BORO OVER MUN RU	019	019	023.0	025.0	04	0	0	02	12	0	17	0	0	000395	2014	000016	2014	OVER MUNNEL RUN
2704	MONTGOMERY DAM WOLF CR	020	024	024.8	028.3	05	1	1	02	11	0	08	0	0	000121	2013	000005	2013	OVER WOLF CREEK

COMPLETE LISTING OF LOCAL BRIDGES

Bridges 2310 - 2704

Bridge No.	Location	Hist Signif	Covered Br	Str Type	Str Type	Culv Len	Str Length	CP/A	Wt Lim	Wt Combo	Date last Insp	Appr Slab	Appr Rwy	Deck WS	Deck	Super	Paint	Sub	Chan	Cul	Rem Life	Str Cond	Dk Gm
2310	ROBERTSON RD HERMITAGE	5	N	302	ST STRINGER		000022	A			07/14/14	N	8	8	8	8	NN	6	6	N	30	6	5
2313	SILVER ST SHARON	5	N	402	ST STRINGER, WL		000258	A			09/25/13	N	5	7	7	8	88	8	8	N	34	8	6
2319	WALNUT ST, SHARON	5	N	505	PS ADJ BOX BM		000028	A			09/26/13	N	6	6	6	5	NN	6	7	N	14	5	5
2322	WISE ROAD HERMITAGE	5	N	119	RC BOX CULV	00034	000032	P	19	24	09/23/13	N	8	8	N	N	NN	N	6	6	25	4	7
2323	HOGBACK ROAD HERMITAGE	5	N	302	ST STRINGER	00036	000033	A			11/18/13	N	N	N	N	N	NN	N	7	8	42	8	N
2324	LYNNWOOD RD., HERMITAGE	5	N	505	PS ADJ BOX BM		000038	A			11/13/13	N	7	8	8	8	NN	8	7	N	38	8	5
2325	ROMBOLD RD., HERMITAGE	5	N	505	PS ADJ BOX BM		000034	A			09/26/12	N	7	8	8	8	NN	6	6	N	30	6	4
2326	SAMPLE ROAD HERMITAGE	5	N	319	ST PIPE-ARCH	00106	000016	P	10		02/24/14	N	N	N	N	N	NN	N	8	4	10	3	N
2328	CASSIDY ROAD HERMITAGE	5	N	119	RC BOX CULV	00037	000014	A			04/01/14	N	N	N	N	N	NN	N	7	8	42	8	5
2329	WENGLER AVE, SHARON	5	N	104	RC T BEAM		000027	P	24	29	07/19/13	N	5	7	5	3	NN	5	5	N	05	3	6
2337	SPENCER AVE SHARON	5	N	101	RC SLAB (SOLID)		000022	P	17	30	03/14/14	N	7	7	6	6	NN	5	7	N	14	5	4
2338	SMITH AVE., SHARON	5	N	319	ST ARCH CULV	00090	000012	A			03/27/13	N	N	N	N	N	NN	N	8	4	10	4	N
2339	SERVICE AVE, SHARON	5	N	101	RC SLAB (SOLID)		000022	P	13	24	09/26/13	N	6	5	6	6	NN	4	6	N	10	4	5
2340	9TH ST., SHARPSVILLE BORO	5	N	119	RC BOX CULV	00064	000012	A			03/26/13	N	7	7	N	N	NN	N	8	7	33	7	5
2350	PRINDLE ST. SHARON CITY	5	N	104	RC T BEAM		000028	B	32		05/16/14	N	7	7	5	4	NN	4	5	N	10	4	7
2403	MCCONNELL RD LACKAWAN	5	N	319	ST PIPE-ARCH	00036	000011	A			12/05/12	N	N	N	N	N	NN	N	7	5	17	5	N
2404	REIBER RD LACKAWANNOCK	5	N	319	ST PIPE-ARCH	00070	000016	A			12/19/13	N	N	N	N	N	NN	N	5	3	05	3	N
2603	OAKLAND RD FINDLEY TWP.	5	N	302	ST STRINGER		000093	A			07/17/12	N	7	N	5	6	31	6	7	N	14	6	5
2606	OLD MERCER RD E LACK TWP	5	N	310	ST TRUSS THRU		000104	P	14	21	09/27/13	N	7	6	7	4	67	5	7	N	10	4	2
2611	ANDRUSKY RD. FINDLEY TWP	5	N	302	ST STRINGER		000044	A			07/15/14	N	7	N	6	6	41	5	7	N	14	5	6
2619	CHURCH RD, FINDLEY TWP.	5	N	505	PS ADJ BOX BM		000079	A			07/24/12	N	7	7	7	5	NN	7	6	N	20	5	6
2623	CLINTONVILLE RD FINDLEY	5	N	119	RC BOX CULV	00027	000012	A			04/01/14	N	6	6	N	N	NN	N	7	6	25	6	5
2625	PARKER RD FINDLEY TWP	5	N	119	RC BOX CULV	00027	000013	A			04/02/14	N	8	8	N	N	NN	N	7	7	33	7	6
2627	GLENN ROAD FINDLEY TWP	5	N	119	RC BOX CULV	00031	000008	A			04/02/14	N	6	8	N	N	NN	N	7	7	33	7	6
2628	GLENN ROAD FINDLEY TWP	5	N	119	RC BOX CULV	00027	000013	A			04/03/14	N	7	8	N	N	NN	N	7	7	33	7	6
2629	UBER ROAD, FINDLEY TWP.	5	N	119	RC BOX CULV	00028	000022	A			10/01/12	N	6	8	N	N	NN	N	6	8	42	8	6
2630	MCCLELLAND RD. FINDLEY	5	N	505	PS SLAB (SOLID)		000027	A			08/06/12	N	6	7	7	8	NN	7	7	N	30	7	5
2631	CRIBBS ROAD FINDLEY TWP	5	N	505	PS SLAB (SOLID)		000026	A			09/23/13	N	7	8	8	8	NN	8	8	N	38	8	6
2633	WOODLAND RD FINDLEY TWP	5	N	505	PS ADJ BOX BM		000042	A			08/07/12	N	8	7	7	8	NN	8	7	N	34	8	5
2650	MERCER BORO OVER MUN RU	5	N	302	ST STRINGER		000031	P	24	33	04/10/14	N	5	6	5	4	21	4	8	N	10	4	4
2704	MONTGOMERY DAM WOLF CR	5	N	505	PS ADJ BOX BM		000048	A			08/19/13	N	7	7	7	6	NN	8	7	N	26	6	5

COMPLETE LISTING OF LOCAL BRIDGES

Bridges 2310 - 2704

Bridge No.	Location	Un Cl	Wway	Appr Align	Traffic Safety Feat	Br Post	Scour Critical	Sufficiency Rate	SD / FO
2310	ROBERTSON RD HERMITAGE	N	8	6	8783	9	3	88.947276194227	
2313	SILVER ST SHARON	N	8	7	8444	9	6	82.6526535193786	
2319	WALNUT ST, SHARON	N	8	8	6444	9	3	70.2282952065707	
2322	WISE ROAD HERMITAGE	N	8	8	6222	0	8	67.3013158315837	
2323	HOGBACK ROAD HERMITAGE	N	8	7	8878	9	8	94.94259246875	
2324	LYNNWOOD RD., HERMITAGE	N	8	8	8848	9	6	94.8073511611813	
2325	ROMBOLD RD., HERMITAGE	N	7	8	6664	9	3	86.1142794967346	
2326	SAMPLE ROAD HERMITAGE	N	8	N	5555	0	6	40.5733653846154	S
2328	CASSIDY ROAD HERMITAGE	N	8	8	8878	9	8	93.9241130383703	
2329	WENGLER AVE, SHARON	N	7	8	3222	6	3	40.3384726199046	S
2337	SPENCER AVE SHARON	N	8	8	4222	4	5	79.7810593051578	
2338	SMITH AVE.,SHARON	N	8	N	8888	5	8	72.73224994795	S
2339	SERVICE AVE,SHARON	N	8	8	4222	2	3	59.9008549170377	S
2340	9TH ST.,SHARPSVILLE BORO	N	8	8	8888	9	8	98.9908928050929	
2350	PRINDLE ST. SHARON CITY	N	7	5	4222	3	4	62.4596976246322	S
2403	MCCONNELL RD LACKAWAN	N	8	N	2222	5	6	79.499043713896	
2404	REIBER RD LACKAWANNOCK	N	8	N	2222	5	6	52.7877266150915	S
2603	OAKLAND RD FINDLEY TWP.	N	8	7	3222	9	3	94.6292687309108	
2606	OLD MERCER RD E LACK TWP	N	8	4	4553	0	4	32.6823630136986	S
2611	ANDRUSKY RD. FINDLEY TWP	N	8	4	4222	9	3	83.7134899166667	
2619	CHURCH RD, FINDLEY TWP.	N	8	8	6222	9	3	80.6714512841498	
2623	CLINTONVILLE RD FINDLEY	N	8	8	6654	8	8	91.1199592720287	
2625	PARKER RD FINDLEY TWP	N	8	8	6666	8	8	99.98009246875	
2627	GLENN ROAD FINDLEY TWP	N	7	8	6664	7	8	99.99212078395	
2628	GLENN ROAD FINDLEY TWP	N	8	8	6665	7	8	99.99212078395	
2629	UBER ROAD, FINDLEY TWP.	N	8	6	8888	9	8	99.98402078395	
2630	MCCLELLAND RD. FINDLEY	N	8	8	6666	9	3	98.4530138759356	
2631	CRIBBS ROAD FINDLEY TWP	N	8	8	6666	9	7	99.9831866752	
2633	WOODLAND RD FINDLEY TWP	N	8	8	6666	9	5	95.7029340436211	
2650	MERCER BORO OVER MUN RU	N	8	7	3222	2	3	42.5875439363284	S
2704	MONTGOMERY DAM WOLF CR	N	8	8	6665	9	5	95.9523517280093	

COMPLETE LISTING OF LOCAL BRIDGES

Bridges 2705 - 3018

Bridge No.	BRKEY	BMS ID				Location	Lat Degrees	Lat Min	Lat Sec	Long Degrees	Long Min	Long Sec	Year Built	Last Rconst type	Reconst Year	Owner	Owner Code	Type service
2705	0026299	43	7230	0481	2705	W. GILMORE RD. WOLF CRK	41	13	12.00	80	05	18.00	1961	000	0000	MERCER COUNTY	02	15
2706	0026297	43	7230	0451	2706	ELLIOTT RD. WOLF CREEK	41	12	37.60	80	04	52.00	1977	000	0000	MERCER COUNTY	02	15
2707	0026300	43	7230	0481	2707	EAST GILMORE RD WOLF CRK	41	13	10.70	80	03	48.50	1959	000	0000	MERCER COUNTY	02	15
2708	0026301	43	7230	0481	2708	E. GILMORE RD WOLF CREEK	41	13	00.00	80	02	00.00	1979	000	0000	MERCER COUNTY	02	15
2709	0041410	43	7230	0912	2709	PATTERSON SCHOOL WOLF CK	41	12	54.80	80	01	02.40	2001	000	0000	MERCER COUNTY	02	15
2710	0039660	43	7230	0481	2710	E. GILMORE RD. WOLF CRK	41	13	12.00	80	00	18.00	1996	000	0000	MERCER COUNTY	02	15
2711	0026308	43	7230	0914	2711	SOPHER ROAD, WOLF CREEK	41	13	07.00	80	00	13.00	1985	000	0000	MERCER COUNTY	02	15
2712	0040574	43	7230	0459	2712	BRINKLEY RD. WOLF CREEK	41	12	41.50	80	00	40.20	1999	000	0000	MERCER COUNTY	02	15
2714	0026305	43	7230	0880	2714	HEMLOCK RD, WOLF CREEK	41	12	16.00	80	02	58.00	1961	000	0000	MERCER COUNTY	02	15
2716	0026219	43	7219	0413	2716	DAUGHERTY ROAD PINE TWP	41	11	52.00	80	04	33.00	1983	000	0000	MERCER COUNTY	02	15
2717	0026303	43	7230	0481	2717	EAST GILMORE RD. WOLF CK	41	13	03.00	80	03	10.00	1959	000	0000	MERCER COUNTY	02	15
2718	0026304	43	7230	0481	2718	E. GILMORE RD WOLF CREEK	41	13	12.00	80	01	18.00	1970	000	0000	MERCER COUNTY	02	15
2805	0026254	43	7224	0303	2805	HEASLEY RD SHENANGO TWP	41	08	16.50	80	26	34.40	1922	661	1960	MERCER COUNTY	02	15
2809	0026260	43	7224	0955	2809	OAK HILL, SHENANGO TWP.	41	08	11.20	80	28	06.00	1901	000	0000	MERCER COUNTY	02	15
2810	0026255	43	7224	0376	2810	CAMPGROUND, SHENANGO TWP	41	08	14.30	80	27	08.10	1965	000	0000	MERCER COUNTY	02	15
2811	0044255	43	7224	0301	2811	RIGGS RD,SHENANGO TWP.	41	08	19.20	80	30	36.20	2007	000	0000	MERCER COUNTY	02	15
2812	0026261	43	7224	8801	2812	HAYWOOD ST. W. MIDDLESEX	41	10	42.00	80	27	06.00	2004	561	0000	MERCER COUNTY	02	15
2813	0026258	43	7224	0412	2813	LONGVIEW RD SHENANGO TWP	41	11	11.10	80	26	13.00	1966	000	0000	MERCER COUNTY	02	15
2814	0026256	43	7224	0376	2814	PENN AVENUE SHENANGO	41	10	06.00	80	27	24.00	1965	000	0000	MERCER COUNTY	02	15
2815	0026257	43	7224	0376	2815	PENN AVENUE SHENANGO	41	10	12.00	80	27	30.00	1965	000	0000	MERCER COUNTY	02	15
2816	0026259	43	7224	0462	2816	ENGLISH RD SHENANGO TWP	41	07	36.00	80	23	42.00	1979	000	0000	MERCER COUNTY	02	15
2903	0026296	43	7229	0548	2903	NO 8 RD WILMINGTON TWP	41	08	48.00	80	19	30.00	1957	000	0000	MERCER COUNTY	02	15
2904	0026295	43	7229	0546	2904	BEND ROAD WILMINGTON	41	08	22.90	80	20	28.60	1958	000	0000	MERCER COUNTY	02	15
3001	0026275	43	7226	0674	3001	OLD MERCER SPRINGFIELD	41	10	49.00	80	13	11.00	1988	000	0000	MERCER COUNTY	02	15
3004	0026272	43	7226	0696	3004	MILL RUN RD. SPRINGFIELD	41	10	06.00	80	12	36.00	1987	000	0000	MERCER COUNTY	02	15
3008	0026270	43	7226	0652	3008	CREEK RD. SPRINGFIELD	41	08	45.00	80	14	41.00	1988	000	0000	MERCER COUNTY	02	15
3011	0026273	43	7226	0722	3011	N. SPRING RD SPRINGFIELD	41	10	02.70	80	11	39.70	1922	000	0000	MERCER COUNTY	02	15
3012	0026276	43	7226	0766	3012	OREGON RD., SPRINGFIELD	41	08	24.00	80	08	54.00	2011	000	0000	MERCER COUNTY	02	15
3016	0026269	43	7226	0335	3016	FALLS ROAD, SPRINGFIELD	41	08	36.00	80	13	06.00	1962	000	0000	MERCER COUNTY	02	15
3017	0026274	43	7226	0750	3017	TOWER RD., SPRINGFIELD	41	07	42.00	80	09	30.00	1931	000	0000	MERCER COUNTY	02	15
3018	0026271	43	7226	0652	3018	CREEK RD. SPRINGFIELD	41	07	18.00	80	15	06.00	1952	000	0000	MERCER COUNTY	02	15

COMPLETE LISTING OF LOCAL BRIDGES

Bridges 2705 - 3018

Bridge No.	Location	Appr Pave Width	Appr Rwy Width	Bridge Rwy width	Deck width	Detour	School bus	Pub Trans	Numb Lanes	Hwy System	NHS	Func Clas	State Net	Nat Net	ADT	ADT year	ADTT	ADTT year	Feat Intersected
2705	W. GILMORE RD. WOLF CRK	000	014	000.0	000.0	03	1	0	02	11	0	08	0	0	000039	2012			OVER BLACK RUN
2706	ELLIOTT RD. WOLF CREEK	020	030	030.0	034.0	03	1	1	02	11	0	08	0	0	000481	2012	000019	2012	OVER BLACK RUN
2707	EAST GILMORE RD WOLF CRK	016	016	024.0	024.5	03	1	1	02	11	0	08	0	0	000272	2012	000011	2012	OVER WOLF CREEK
2708	E. GILMORE RD WOLF CREEK	020	022	000.0	000.0	06	1	0	02	11	0	08	0	0	000156	2012	000006	2012	OVER WOLF CREEK BRANCH
2709	PATTERSON SCHOOL WOLF C	020	024	025.5	028.3	04	1	0	02	11	0	08	0	0	000059	2013	000002	2013	OVER WOLF CREEK E BRANCH
2710	E. GILMORE RD. WOLF CRK	024	024	024.5	027.5	05	1	0	02	11	0	08	0	0	000161	2013	000006	2013	OVER WOLF CREEK EAST BR
2711	SOPHER ROAD, WOLF CREEK	020	024	024.8	028.3	05	1	0	02	11	0	08	0	0	000048	2012	000002	2012	OVER WOLF CREEK BRANCH
2712	BRINKLEY RD. WOLF CREEK	016	018	024.8	028.3	02	1	0	02	11	0	08	0	0	000061	2013	000002	2013	OVER WOLF CREEK EAST BR
2714	HEMLOCK RD, WOLF CREEK	000	020	022.0	022.3	04	0	0	02	11	0	08	0	0	000004	2012			OVER WOLF CREEK EAST BR.
2716	DAUGHERTY ROAD PINE TWP	021	028	028.0	032.0	04	1	0	02	11	0	08	0	0	000457	2014	000020	2014	OVER BLACK RUN
2717	EAST GILMORE RD. WOLF CK	016	016	024.0	024.6	03	1	0	02	11	0	08	0	0	000280	2012	000012	2012	OVER WOLF CREEK EAST BR
2718	E. GILMORE RD WOLF CREEK	018	030	000.0	000.0	04	1	0	02	11	0	08	0	0	000178	2013	000007	2013	OVER WOLF CREEK BRANCH
2805	HEASLEY RD SHENANGO TWP	014	018	020.5	022.0	05	1	0	02	11	0	08	0	0	000223	2014	000009	2014	OVER TRIB SHENANGO RIVER
2809	OAK HILL, SHENANGO TWP.	016	016	022.0	024.0	05	1	0	02	11	0	08	0	0	000227	2013	000010	2013	OVER TURKEY RUN
2810	CAMPGROUND, SHENANGO TW	016	016	028.0	031.5	08	1	0	02	11	0	08	0	0	000088	2013	000004	2013	OVER TURKEY RUN
2811	RIGGS RD,SHENANGO TWP.	020	024	024.8	028.3	05	1	0	02	11	0	08	0	0	000312	2013	000012	2013	OVER LITTLE DEER CREEK
2812	HAYWOOD ST. W. MIDDLESEX	020	020	020.0	022.0	99	0	1	02	12	0	17	0	0	000081	2012	000003	2012	OVER HOGBACK RUN
2813	LONGVIEW RD SHENANGO TW	017	017	000.0	000.0	05	1	0	02	11	0	08	0	0	000859	2013	000034	2013	OVER HOGBACK RUN
2814	PENN AVENUE SHENANGO	018	028	000.0	000.0	05	1	0	02	11	0	08	0	0	000322	2013	000013	2013	OVER SHENANGO RIVER TRIB
2815	PENN AVENUE SHENANGO	018	028	000.0	000.0	05	1	0	02	11	0	08	0	0	000253	2012	000010	2012	OVER SHENANGO RIVER TRIB
2816	ENGLISH RD SHENANGO TWP	022	030	000.0	000.0	05	1	0	02	11	0	08	0	0	000124	2012	000005	2012	OVER SHENANGO RIVER TRIB
2903	NO 8 RD WILMINGTON TWP	017	022	000.0	000.0	03	1	0	02	11	0	08	0	0	000182	2012	000007	2012	OVER LT NESHANNOCK CK BR
2904	BEND ROAD WILMINGTON	017	022	024.0	025.0	10	1	0	02	11	0	08	0	0	000521	2012	000021	2012	OVER LT NESHANNOCK W BR
3001	OLD MERCER SPRINGFIELD	000	025	025.8	028.3	06	1	0	02	11	0	08	0	0	000053	2013			OVER PINE RUN
3004	MILL RUN RD. SPRINGFIELD	000	024	024.6	027.0	01	1	0	02	11	0	08	0	0	000055	2012	000002	2012	OVER MILL CREEK
3008	CREEK RD. SPRINGFIELD	000	024	025.8	028.3	04	1	0	02	11	0	08	0	0	000088	2012	000004	2012	OVER INDIAN RUN
3011	N. SPRING RD SPRINGFIELD	014	014	018.0	019.5	03	0	0	02	11	0	08	0	0	000098	2013	000004	2013	OVER MILL RUN
3012	OREGON RD., SPRINGFIELD	016	020	000.0	000.0	03	1	0	02	11	0	08	0	0	000147	2012	000006	2012	OVER BLACK RUN
3016	FALLS ROAD, SPRINGFIELD	020	028	000.0	000.0	03	1	0	02	11	0	08	0	0	000255	2014	000010	2014	OVER NESHANNOCK BRANCH
3017	TOWER RD., SPRINGFIELD	014	018	018.0	021.0	03	1	0	02	11	0	08	0	0	000618	2012	000025	2012	OVER BLACK RUN
3018	CREEK RD. SPRINGFIELD	012	020	020.0	022.0	10	1	0	02	11	0	08	0	0	000095	2012	000004	2012	OVER NESHANNOCK BRANCH

COMPLETE LISTING OF LOCAL BRIDGES

Bridges 2705 - 3018

Bridge No.	Location	Hist Signif	Covered Br	Str Type	Str Type	Culv Len	Str Length	CP/A	Wt Lim	Wt Combo	Date last Insp	Appr Slab	Appr Rwy	Deck WS	Deck	Super	Paint	Sub	Chan	Cul	Rem Life	Str Cond	Dk Gm
2705	W. GILMORE RD. WOLF CRK	5	N	319	ST PIPE-ARCH	00060	000015	A			01/29/13	N	N	N	N	N	NN	N	6	6	25	6	N
2706	ELLIOTT RD. WOLF CREEK	5	N	505	PS ADJ BOX BM		000044	A			07/24/12	N	7	5	5	4	NN	7	6	N	10	4	6
2707	EAST GILMORE RD WOLF CRK	5	N	302	ST STRINGER		000065	A			07/25/12	N	7	N	5	5	51	6	6	N	12	5	5
2708	E. GILMORE RD WOLF CREEK	5	N	319	ST PIPE-ARCH	00050	000006	A			12/10/12	N	N	N	N	N	NN	N	6	6	25	6	N
2709	PATTERSON SCHOOL WOLF C	5	N	505	PS ADJ BOX BM		000050	A			11/14/13	N	8	8	8	8	NN	8	7	N	38	8	6
2710	E. GILMORE RD. WOLF CRK	5	N	119	RC BOX CULV	00028	000022	A			09/30/13	N	8	8	N	N	NN	N	7	8	42	8	5
2711	SOPHER ROAD, WOLF CREEK	5	N	505	PS SLAB (SOLID)		000023	A			07/30/12	N	7	8	8	8	NN	8	7	N	38	8	6
2712	BRINKLEY RD. WOLF CREEK	5	N	505	PS ADJ BOX BM		000027	A			10/04/13	N	8	8	6	6	NN	8	8	N	23	6	6
2714	HEMLOCK RD, WOLF CREEK	5	N	302	ST STRINGER		000084	A			08/09/12	N	4	N	6	6	51	7	7	N	20	6	5
2716	DAUGHERTY ROAD PINE TWP	5	N	505	PS ADJ BOX BM		000032	A			04/21/14	N	8	5	4	7	NN	8	6	N	10	7	5
2717	EAST GILMORE RD. WOLF CK	5	N	302	ST STRINGER		000044	A			07/27/12	N	7	N	6	5	51	5	7	N	12	5	5
2718	E. GILMORE RD WOLF CREEK	5	N	319	ST PIPE-ARCH	00041	000009	A			12/13/13	N	N	N	N	N	NN	N	6	3	05	3	N
2805	HEASLEY RD SHENANGO TWP	5	N	302	ST STRINGER		000022	P	03		03/28/14	N	5	N	2	3	21	4	7	N	01	3	4
2809	OAK HILL, SHENANGO TWP.	5	N	302	ST STRINGER		000038	P	08	11	08/21/13	N	7	6	2	4	31	4	7	N	01	3	4
2810	CAMPGROUND, SHENANGO TWP	5	N	302	ST STRINGER		000038	P	03		10/17/13	N	7	N	3	4	31	5	7	N	05	2	7
2811	RIGGS RD,SHENANGO TWP.	5	N	505	PS SLAB (SOLID)		000031	A			11/19/13	N	8	8	8	8	NN	8	7	N	38	8	5
2812	HAYWOOD ST. W. MIDDLESEX	5	N	302	ST STRINGER		000048	A			10/02/12	N	6	8	8	8	88	6	7	N	30	6	5
2813	LONGVIEW RD SHENANGO TW	5	N	319	ST ARCH CULV	00054	000024	A			10/25/13	N	N	N	N	N	NN	N	8	6	25	6	N
2814	PENN AVENUE SHENANGO	5	N	319	ST PIPE-ARCH	00035	000007	A			12/19/13	N	N	N	N	N	NN	N	7	3	05	3	N
2815	PENN AVENUE SHENANGO	5	N	319	ST PIPE-ARCH	00036	000008	A			12/14/12	N	N	N	N	N	NN	N	7	6	25	6	N
2816	ENGLISH RD SHENANGO TWP	5	N	319	ST PIPE-ARCH	00064	000009	A			12/14/12	N	N	N	N	N	NN	N	7	7	33	7	N
2903	NO 8 RD WILMINGTON TWP	5	N	119	RC BOX CULV	00026	000024	A			08/13/12	N	N	N	N	N	NN	N	5	7	33	7	4
2904	BEND ROAD WILMINGTON	5	N	302	ST STRINGER		000065	A			08/16/12	N	5	5	4	5	51	5	7	N	10	5	4
3001	OLD MERCER SPRINGFIELD	5	N	505	PS ADJ BOX BM		000047	A			08/21/13	N	8	7	7	6	NN	8	7	N	26	6	6
3004	MILL RUN RD. SPRINGFIELD	5	N	119	RC BOX CULV	00027	000022	A			08/20/12	N	7	8	N	N	NN	N	7	8	42	8	6
3008	CREEK RD. SPRINGFIELD	5	N	505	PS ADJ BOX BM		000036	A			08/22/12	N	7	7	7	8	NN	8	7	N	34	8	6
3011	N. SPRING RD SPRINGFIELD	5	N	104	RC T BEAM		000027	P	15	26	08/23/13	6	7	7	6	5	NN	4	5	N	10	4	3
3012	OREGON RD., SPRINGFIELD	5	N	319	ST PIPE-ARCH	00031	000006	A			12/17/12	N	N	N	N	N	NN	N	7	8	42	8	N
3016	FALLS ROAD, SPRINGFIELD	5	N	319	ST ARCH CULV	00046	000018	A			04/23/14	N	N	N	N	N	NN	N	7	6	25	6	N
3017	TOWER RD., SPRINGFIELD	5	N	101	RC SLAB (SOLID)		000015	A			12/28/12	N	7	7	6	6	NN	5	6	N	14	5	3
3018	CREEK RD. SPRINGFIELD	5	N	319	ST PIPE-ARCH	00022	000012	A			12/19/12	N	N	N	N	N	NN	N	7	6	25	6	5

COMPLETE LISTING OF LOCAL BRIDGES

Bridges 2705 - 3018

Bridge No.	Location	Un Cl	Wway	Appr Align	Traffic Safety Feat	Br Post	Scour Critical	Sufficiency Rate	SD / FO
2705	W. GILMORE RD. WOLF CRK	N	8	N	2222	5	8	96.99122078395	
2706	ELLIOTT RD. WOLF CREEK	N	8	7	6222	9	3	68.3909232322039	S
2707	EAST GILMORE RD WOLF CRK	N	8	7	4222	9	3	73.9160925581435	
2708	E. GILMORE RD WOLF CREEK	N	8	N	8888	5	8	99.9297325432	
2709	PATTERSON SCHOOL WOLF C	N	8	6	7888	9	8	99.9822866752	
2710	E. GILMORE RD. WOLF CRK	N	8	8	6664	9	8	95.1860188706192	
2711	SOPHER ROAD, WOLF CREEK	N	8	7	6665	9	3	99.98196746875	
2712	BRINKLEY RD. WOLF CREEK	N	8	8	8878	9	8	99.9908491672	
2714	HEMLOCK RD, WOLF CREEK	N	8	8	4222	9	3	95.9987723894857	
2716	DAUGHERTY ROAD PINE TWP	N	8	8	6644	9	8	94.8561163048296	S
2717	EAST GILMORE RD. WOLF CK	N	8	8	4222	9	3	74.91499578395	
2718	E. GILMORE RD WOLF CREEK	N	8	N	2222	5	8	52.8892793581268	S
2805	HEASLEY RD SHENANGO TWP	N	8	7	4222	0	7	18.8960714285714	S
2809	OAK HILL, SHENANGO TWP.	N	8	7	3222	0	4	23.1960416666667	S
2810	CAMPGROUND, SHENANGO TWP	N	8	6	4222	0	5	35.7862857142857	S
2811	RIGGS RD, SHENANGO TWP.	N	8	8	8448	9	8	89.8691122055921	
2812	HAYWOOD ST. W. MIDDLESEX	N	8	7	8664	9	6	93.3915129465214	
2813	LONGVIEW RD SHENANGO TWP	N	8	6	8888	5	8	99.67784246875	
2814	PENN AVENUE SHENANGO	N	8	N	3222	5	8	52.7496321028963	S
2815	PENN AVENUE SHENANGO	N	8	N	3222	5	8	96.90509246875	
2816	ENGLISH RD SHENANGO TWP	N	8	N	6666	5	8	99.95346746875	
2903	NO 8 RD WILMINGTON TWP	N	8	8	4233	9	6	94.958059036962	
2904	BEND ROAD WILMINGTON	N	8	8	4222	9	3	70.4365345847458	S
3001	OLD MERCER SPRINGFIELD	N	8	8	6666	9	5	99.9760825432	
3004	MILL RUN RD. SPRINGFIELD	N	8	8	6666	5	6	91.2105921472835	
3008	CREEK RD. SPRINGFIELD	N	8	8	6564	9	5	99.9735866752	
3011	N. SPRING RD SPRINGFIELD	N	8	8	4222	3	3	61.8796390954038	S
3012	OREGON RD., SPRINGFIELD	N	8	N	8888	5	8	99.96692078395	
3016	FALLS ROAD, SPRINGFIELD	N	8	N	2222	5	8	96.94262078395	
3017	TOWER RD., SPRINGFIELD	N	8	8	4222	9	5	66.7851003294045	F
3018	CREEK RD. SPRINGFIELD	N	8	7	3222	5	8	95.9273812857143	

COMPLETE LISTING OF LOCAL BRIDGES

Bridges 3099 - 7001

Bridge No.	BRKEY	BMS ID				Location	Lat Degrees	Lat Min	Lat Sec	Long Degrees	Long Min	Long Sec	Year Built	Last Rconst type	Reconst Year	Owner	Owner Code	Type service
3099	0026277	43	7226	0944	3099	OLD ASH RD., SPRINGFIELD	41	09	42.00	80	10	12.00	1953	000	0000	MERCER COUNTY	02	15
3101	0026218	43	7219	0355	3101	PINCHLONG RD.,PINE TWP	41	09	23.00	80	03	04.40	1922	000	0000	MERCER COUNTY	02	15
3103	0026340	43	7404	8807	3103	LINCOLN AVE GROVE CITY	41	09	44.10	80	05	03.40	1981	000	0000	MERCER COUNTY	02	55
3104	0026339	43	7404	8803	3104	EAST PINE ST,GROVE CITY	41	09	36.00	80	05	06.00	1915	662	1992	MERCER COUNTY	02	55
3108	0044958	43	7219	0878	3108	DIAMOND RD., PINE TWP.	41	11	11.00	80	03	14.20	2008	000	0000	MERCER COUNTY	02	15
3109	0026224	43	7219	0888	3109	TIE LINE RD., PINE TWP.	41	11	09.10	80	02	23.30	1964	663	1999	MERCER COUNTY	02	15
3113	0026225	43	7219	0888	3113	TIE LINE RD., PINE TWP.	41	09	16.10	80	02	02.40	1968	000	0000	MERCER COUNTY	02	15
3115	0026222	43	7219	0876	3115	FLEMING ROAD, PINE TWP.	41	08	34.30	80	03	08.00	1983	000	0000	MERCER COUNTY	02	15
3116	0044254	43	7404	8802	3116	CHESTNUT ST.GROVE CITY	41	09	48.90	80	04	49.60	2007	000	0000	MERCER COUNTY	02	55
3120	0026220	43	7219	0413	3120	DAUGHERTY RD PINE TWP	41	11	48.00	80	04	00.00	1964	000	0000	MERCER COUNTY	02	15
3121	0026221	43	7219	0413	3121	DAUGHERTY ROAD PINE TWP	41	11	52.00	80	03	52.40	1953	000	0000	MERCER COUNTY	02	15
3201	0026185	43	7214	0343	3201	AIRPORT RD LIBERTY	41	07	54.00	80	05	22.00	1985	000	0000	MERCER COUNTY	02	15
3206	0026186	43	7214	0768	3206	BLACK RUN, LIBERTY TWP.	41	07	35.10	80	08	00.80	1972	000	0000	MERCER COUNTY	02	15
3207	0026187	43	7214	0768	3207	BLACK RUN RD. LIBERTY	41	07	12.00	80	08	30.00	1976	000	0000	MERCER COUNTY	02	15
3208	0026184	43	7214	0337	3208	AMSTERDAM RD,LIBERTY TWP	41	07	56.60	80	06	53.40	1972	000	0000	MERCER COUNTY	02	15
3209	0026183	43	7214	0327	3209	E.VALCOURT RD.,LIBERTY	41	07	00.00	80	06	54.00	1975	000	0000	MERCER COUNTY	02	15
4001	0026129	43	7207	0889	4001	FRENCH CREEK TOWNSHIP	41	28	12.00	80	20	42.00	1994	000	0000	FRENCH CREEK TWP	03	15
7001	0026076	43	7201	0499	7001	COOLSPRING TOWNSHIP	41	14	18.50	80	12	06.10	1918	610	1991	COOLSPRING TWP	03	12

COMPLETE LISTING OF LOCAL BRIDGES

Bridges 3099 - 7001

Bridge No.	Location	Appr Pav Width	Appr Rwy Width	Bridge Rwy width	Deck width	Detour	School bus	Pub Trans	Numb Lanes	Hwy System	NHS	Func Clas	State Net	Nat Net	ADT	ADT year	ADTT	ADTT year	Feat Intersected
3099	OLD ASH RD., SPRINGFIELD	014	018	020.0	022.0	01	1	0	02	11	0	08	5	0	000243	2014	000010	2014	OVER MILL RUN
3101	PINCHLONG RD.,PINE TWP	014	014	018.0	019.0	02	1	0	02	11	0	08	0	0	000199	2013	000008	2013	OVER SWAMP RUN BRANCH
3103	LINCOLN AVE GROVE CITY	024	024	024.0	040.3	01	1	1	02	12	0	17	0	0	003111	2013	000124	2013	OVER WOLF CREEK
3104	EAST PINE ST,GROVE CITY	024	024	024.2	041.5	01	1	0	02	12	0	17	0	0	003973	2012	000160	2012	OVER WOLF CREEK
3108	DIAMOND RD., PINE TWP.	020	024	024.8	028.3	06	1	0	02	11	0	08	0	0	000275	2012	000011	2012	OVER WOLF CREEK BRANCH
3109	TIE LINE RD., PINE TWP.	017	017	026.7	029.7	05	1	0	02	11	0	08	0	0	000137	2013	000006	2013	OVER WOLF CREEK BRANCH
3113	TIE LINE RD., PINE TWP.	018	018	030.0	032.0	05	1	0	02	11	0	08	0	0	000458	2013	000018	2013	OVER SWAMP RUN
3115	FLEMING ROAD, PINE TWP.	020	020	028.0	031.5	04	1	0	02	11	0	08	0	0	000303	2013	000012	2013	OVER SWAMP RUN
3116	CHESTNUT ST.GROVE CITY	024	024	024.0	031.8	01	1	1	02	12	0	17	0	0	003532	2013	000141	2013	OVER WOLF CREEK
3120	DAUGHERTY RD PINE TWP	018	024	000.0	000.0	10	1	1	02	11	0	08	0	0	000353	2012	000014	2012	OVER WOLF CREEK BRANCH
3121	DAUGHERTY ROAD PINE TWP	015	015	020.0	021.0	10	1	0	02	11	0	08	0	0	000353	2012	000016	2012	OVER WOLF CREEK
3201	AIRPORT RD LIBERTY	020	028	028.8	031.5	05	1	0	02	11	0	08	0	0	001179	2012	000047	2012	OVER WOLF CREEK
3206	BLACK RUN, LIBERTY TWP.	018	018	030.0	034.0	03	0	0	02	11	0	08	0	0	000214	2013	000009	2013	OVER BLACK RUN BRANCH
3207	BLACK RUN RD. LIBERTY	016	018	030.0	034.0	03	1	0	02	11	0	08	0	0	000185	2014	000007	2014	OVER BLACK RUN
3208	AMSTERDAM RD,LIBERTY TWP	018	018	030.0	034.0	04	1	0	02	11	0	08	0	0	000628	2013	000025	2013	OVER BLACK RUN
3209	E.VALCOURT RD.,LIBERTY	014	014	000.0	000.0	08	1	0	02	11	0	08	0	0	000123	2014	000005	2014	OVER BLACK RUN BRANCH
4001	FRENCH CREEK TOWNSHIP	018	022	024.2	031.5	04	0	0	02	11	0	09	0	0	000143	2012	000043	2012	OVER NORTH DEER CREEK TR
7001	COOLSPRING TOWNSHIP	022	022	023.8	024.8	03	0	0	02	11	0	09	0	0	000087	2013	000004	2013	OVER BESSEMER R.R.

COMPLETE LISTING OF LOCAL BRIDGES

Bridges 3099 - 7001

Bridge No.	Location	Hist Signif	Covered Br	Str Type	Str Type	Culv Len	Str Length	CP/A	Wt Lim	Wt Combo	Date last Insp	Appr Slab	Appr Rwy	Deck WS	Deck	Super	Paint	Sub	Chan	Cul	Rem Life	Str Cond	Dk Gm
3099	OLD ASH RD., SPRINGFIELD	5	N	319	ST PIPE-ARCH	00032	000008	P	03		03/21/14	N	N	N	N	N	NN	N	3	2	01	2	4
3101	PINCHLONG RD.,PINE TWP	5	N	104	RC T BEAM		000027	P	27		10/21/13	N	6	5	5	5	NN	6	6	N	12	5	2
3103	LINCOLN AVE GROVE CITY	5	N	302	ST STRINGER		000095	A			10/28/13	N	8	7	7	7	67	4	7	N	10	4	6
3104	EAST PINE ST,GROVE CITY	5	N	505	PS ADJ BOX BM		000100	A			08/24/12	N	6	8	8	8	NN	6	8	N	30	6	6
3108	DIAMOND RD., PINE TWP.	5	N	505	PS ADJ BOX BM		000028	A			08/28/12	N	8	8	8	8	NN	8	7	N	38	8	5
3109	TIE LINE RD., PINE TWP.	5	N	505	PS ADJ BOX BM		000036	A			08/26/13	N	7	8	8	8	NN	7	7	N	34	7	5
3113	TIE LINE RD., PINE TWP.	5	N	302	ST STRINGER		000039	A			10/22/13	N	7	N	6	5	31	7	8	N	17	5	6
3115	FLEMING ROAD, PINE TWP.	5	N	119	RC BOX CULV	00034	000022	A			10/23/13	N	7	7	N	N	NN	N	8	7	33	7	5
3116	CHESTNUT ST.GROVE CITY	5	N	402	ST STRINGER, WL		000305	A			10/29/13	8	8	8	8	8	99	8	8	N	38	8	6
3120	DAUGHERTY RD PINE TWP	5	N	319	ST PIPE-ARCH	00041	000012	A			10/11/12	N	N	N	N	N	NN	N	6	6	25	6	N
3121	DAUGHERTY ROAD PINE TWP	5	N	310	ST TRUSS THRU		000094	A			10/11/12	N	7	N	6	7	88	6	7	N	20	6	3
3201	AIRPORT RD LIBERTY	5	N	505	PS ADJ BOX BM		000108	A			08/30/12	N	6	7	7	8	NN	8	7	N	34	8	5
3206	BLACK RUN, LIBERTY TWP.	5	N	505	PS ADJ BOX BM		000063	A			11/15/13	N	8	6	6	5	NN	6	7	N	14	5	6
3207	BLACK RUN RD. LIBERTY	5	N	119	RC BOX CULV	00034	000021	P	33		02/19/14	N	8	7	N	N	NN	N	6	7	33	7	7
3208	AMSTERDAM RD,LIBERTY TWP	5	N	505	PS ADJ BOX BM		000041	A			11/20/13	N	8	6	6	5	NN	5	7	N	12	5	6
3209	E.VALCOURT RD.,LIBERTY	5	N	319	ST PIPE CULV	00030	000004	A			01/21/14	N	N	N	N	N	NN	N	8	3	05	3	N
4001	FRENCH CREEK TOWNSHIP	5	N	119	PC BOX CULV	00031	000033	A			09/13/12	N	7	8	N	N	NN	N	6	8	42	8	5
7001	COOLSPRING TOWNSHIP	5	N	303	ST GIRDER/FB, RV		000128	P	32		09/06/13	N	7	N	8	6	56	4	N	N	10	4	5

COMPLETE LISTING OF LOCAL BRIDGES

Bridges 3099 - 7001

Bridge No.	Location	Un Cl	Wway	Appr Align	Traffic Safety Feat	Br Post	Scour Critical	Sufficiency Rate	SD / FO
3099	OLD ASH RD., SPRINGFIELD	N	8	6	3222	0	8	23.827875	S
3101	PINCHLONG RD.,PINE TWP	N	8	8	4222	8	3	57.1590768391093	F
3103	LINCOLN AVE GROVE CITY	N	8	8	7232	9	3	55.5387761107407	S
3104	EAST PINE ST,GROVE CITY	N	8	8	8888	9	6	84.6381731622357	
3108	DIAMOND RD., PINE TWP.	N	8	8	8888	9	8	90.8615279379368	
3109	TIE LINE RD., PINE TWP.	N	8	8	8888	9	3	98.9479808616071	
3113	TIE LINE RD., PINE TWP.	N	8	7	4222	9	3	81.7083573844447	
3115	FLEMING ROAD, PINE TWP.	N	7	8	6624	4	8	97.9080045323429	
3116	CHESTNUT ST.GROVE CITY	N	8	8	8888	9	8	84.6783356622357	
3120	DAUGHERTY RD PINE TWP	N	8	N	2222	5	8	96.7347295	
3121	DAUGHERTY ROAD PINE TWP	N	8	5	3222	5	3	74.4186116707106	F
3201	AIRPORT RD LIBERTY	N	8	7	6655	9	8	92.5181645841346	
3206	BLACK RUN, LIBERTY TWP.	N	8	8	6887	9	3	82.6536577236256	
3207	BLACK RUN RD. LIBERTY	N	8	7	6222	5	6	94.8508937022337	
3208	AMSTERDAM RD,LIBERTY TWP	N	8	8	6888	6	3	70.9359454776361	
3209	E.VALCOURT RD.,LIBERTY	N	8	N	8888	5	8	55.8467868032	S
4001	FRENCH CREEK TOWNSHIP	N	8	8	6665	9	6	94.4541187506717	
7001	COOLSPRING TOWNSHIP	5	N	4	6543	3	N	61.6792275770495	S

APPENDIX C
ATTRIBUTES OF BRIDGES
CONSIDERED FOR CLOSURE

ATTRIBUTES OF BRIDGES CONSIDERED FOR CLOSURE

Bridge No.	BRKEY	BMS ID	Location	Latitude	Longitude	Year Built	Last Rconst type	Reconst Year	Owner	Owner Code	Type service	Appr Pavement Width	Appr Rwy Width
121	26138	43720803980121	N. MAYSVILLE, GREENE TWP	41.4426	-80.4726	1980	0	0	MERCER COUNTY	2	15	13	16
124	26139	43720804800124	MURPHY ROAD, GREENE TWP	41.4743	-80.3988	1963	500	2002	MERCER COUNTY	2	15	12	14
199	26133	43720803010199	W COUNTY LINE, GREENE TWP	41.4883	-80.4866	1972	0	0	MERCER/CRAWFORD	2	15	18	18
204	26282	43722708710204	GARDNER HILL RD, SUGAR GROVE TWP	41.4602	-80.3797	1934	0	0	MERCER COUNTY	2	15	16	16
250	40573	43722705680250	CALVIN ROAD, SUGAR GROVE TWP	41.4660	-80.3363	1900	0	0	SUGAR GROVE	3	15	10	12
311	26237	43722108490311	CHERRY HILL RD, SALEM TWP	41.4471	-80.2966	1931	0	0	MERCER COUNTY	2	15	0	17
811	26149	43720905080811	SCOTT RD, HEMPFIELD TWP	41.3759	-80.3669	1957	0	0	MERCER COUNTY	2	15	16	17
950	26203	43721706130950	WILLIAMSON RD, OTTER CREEK TWP	41.4200	-80.3001	1934	0	0	OTTER CREEK TWP.	3	15	14	14
1017	26214	43721806931017	YEAGER RD, PERRY TWP	41.3744	-80.1808	1961	0	0	MERCER COUNTY	2	15	0	19
1201	26195	43721508841201	CROUSER SCHOOL RD, MILL CREEK TWP	41.4196	-80.0531	1908	411	1984	MERCER COUNTY	2	15	12	12
1207	26196	43721509021207	CRYSTAL SPRING RD, MILL CREEK TWP	41.4014	-80.0328	1965	0	0	MERCER COUNTY	2	15	0	28
1412	26093	43720305861412	PEW ROAD, DELAWARE TWP	41.2958	-80.3136	1927	0	0	MERCER COUNTY	2	15	0	18
1503	26103	43720506641503	FURNACE RD FAIRVIEW TWP	41.3604	-80.2581	1932	0	0	MERCER COUNTY	2	15	18	18
1605	26182	43721308141605	STECKLER RD, LAKE TWP	41.3580	-80.1384	1900	660	1957	MERCER COUNTY	2	15	0	14
1606	26176	43721306611606	HUTCHINSON RD LAKE TWP	41.3581	-80.1405	1965	0	0	MERCER COUNTY	2	15	0	22
1703	26342	43740988041703	LACOCK ST, SANDY LAKE BOROUGH	41.3518	-80.0809	1971	0	0	MERCER COUNTY	2	55	24	24
1850	26267	43722505881850	HURON ST, S PYMATUNING TWP	41.3204	-80.4630	1897	500	1985	S. PYMATUNING TWP	3	15	14	14
2207	26312	43723109122207	JACK ROAD, WORTH TWP	41.2594	-80.0208	1938	0	0	MERCER COUNTY	2	15	13	13
2329	26320	43730288182329	WENGLER AVE, SHARON CITY	41.2290	-80.4910	1929	0	0	MERCER COUNTY	2	55	30	30
2805	26254	43722403032805	HEASLEY RD, SHENANGO TWP	41.1380	-80.4263	1922	661	1960	MERCER COUNTY	2	15	14	18
3011	26273	43722607223011	N. SPRING RD, SPRINGFIELD TWP	41.1674	-80.1944	1922	0	0	MERCER COUNTY	2	15	14	14
3101	26218	43721903553101	PINCHLONG RD, PINE TWP	41.1564	-80.0512	1922	0	0	MERCER COUNTY	2	15	14	14
7001	26076	43720104997001	ORR ROAD, COOLSPRING TWP	41.2385	-80.2017	1918	610	1991	COOLSPRING TWP	3	12	22	22

ATTRIBUTES OF BRIDGES CONSIDERED FOR CLOSURE

Bridge No.	Location	Bridge Rwy width	Deck width	Detour	School bus	Pub Trans	Numb Lanes	Hwy System	NHS	Func Clas	State Net	Nat Net	ADT	ADT year	ADTT	ADTT year	AADT (9/2014)	Function of Roadway
121	N. MAYSVILLE, GREENE TWP	0	0	3	1	0	2	11	0	8	0	0	91	2012	4	2012	70	Local
124	MURPHY ROAD, GREENE TWP	15	16	3	0	0	1	11	0	8	0	0	59	2013	2	2013	128	Local
199	W COUNTY LINE, GREENE TWP	18	18	3	1	0	2	11	0	8	0	0	148	2014	6	2014	201	Local
204	GARDNER HILL RD, SUGAR GROVE TWP	18.5	20	4	1	0	2	11	0	8	0	0	23	2014	1	2014	29	Local
250	CALVIN ROAD, SUGAR GROVE TWP	11.7	13.5	1	0	0	1	11	0	9	0	0	13	2003	1	2003	See Note	Local
311	CHERRY HILL RD, SALEM TWP	17	21	4	1	0	1	11	0	8	0	0	35	2012	0	0	51	Local
811	SCOTT RD, HEMPFIELD TWP	24	24.7	2	1	1	2	11	0	8	0	0	157	2014	6	2014	143	Local
950	WILLIAMSON RD, OTTER CREEK TWP	24	27	2	0	0	2	11	0	9	0	0	43	2014	0	0	35	Local
1017	YEAGER RD, PERRY TWP	24	26	1	1	0	2	11	0	8	0	0	39	2014	0	0	36	Local
1201	CROUSER SCHOOL RD, MILL CREEK TWP	16.2	16.2	3	0	0	1	11	0	8	0	0	51	2013	0	0	56	Local
1207	CRYSTAL SPRING RD, MILL CREEK TWP	28	30	4	0	0	2	11	0	8	0	0	16	2014	2	2014	11	Local
1412	PEW ROAD, DELAWARE TWP	18	20	3	1	0	2	11	0	8	0	0	54	2014	0	0	48	Local
1503	FURNACE RD FAIRVIEW TWP	18	20	3	1	0	2	11	0	8	0	0	129	2014	5	2014	95	Local
1605	STECKLER RD, LAKE TWP	16	16.5	4	1	0	1	11	0	8	0	0	19	2014	0	0	23	Local
1606	HUTCHINSON RD LAKE TWP	30	32	2	1	0	2	11	0	8	0	0	41	2014	2	2014	33	Local
1703	LACOCK ST, SANDY LAKE BOROUGH	30	36.5	1	1	1	2	12	0	17	0	0	298	2013	12	2013	226	Local
1850	HURON ST, S PYMATUNING TWP	22.1	28.9	1	0	0	2	11	0	8	0	0	34	2013	0	0	17	Local
2207	JACK ROAD, WORTH TWP	17	17.5	4	1	0	1	11	0	8	0	0	71	2013	0	0	39	Local
2329	WENGLER AVE, SHARON CITY	30	45	1	1	1	2	12	0	17	0	0	437	2013	20	2013	265	Local
2805	HEASLEY RD, SHENANGO TWP	20.5	22	4.6	1	0	2	11	0	8	0	0	121	2014	9	2014	95	Local
3011	N. SPRING RD, SPRINGFIELD TWP	18	19.5	3	0	0	2	11	0	8	0	0	98	2013	4	2013	102	Local
3101	PINCHLONG RD, PINE TWP	18	19	2	1	0	2	11	0	8	0	0	199	2013	8	2013	173	Local
7001	ORR ROAD, COOLSPRING TWP	23.8	24.8	3	0	0	2	11	0	9	0	0	87	2013	4	2013	79	Local

ATTRIBUTES OF BRIDGES CONSIDERED FOR CLOSURE

Bridge No.	Location	Feature Intersected	Hist Signif	Covered Br	Str Type	Str Type	Culv Len	Str Length	CPIA	Wt Lim	Wt Combo	Date last Insp
121	N. MAYSVILLE, GREENE TWP	OVER W TRIB BIG RUN	5	N	319	ST PIPE-ARCH	50	6	A			10/17/12
124	MURPHY ROAD, GREENE TWP	OVER BRANCH OF SHENANGO	5	N	302	ST STRINGER		23	A			04/23/13
199	W COUNTY LINE, GREENE TWP	OVER SUGAR RUN	5	N	302	ST STRINGER		42	P	23	28	04/07/14
204	GARDNER HILL RD, SUGAR GROVE TWP	OVER SHENANGO RIVER BR.	5	N	302	ST STRINGER		26	P	30		04/21/14
250	CALVIN ROAD, SUGAR GROVE TWP	OVER BLUFF RUN	4	N	302	ST STRINGER		33	C	0	0	11/01/13
311	CHERRY HILL RD, SALEM TWP	OVER LITTLE SHENANGO TR	5	N	101	RC SLAB (SOLID)		15	A			01/04/13
811	SCOTT RD, HEMPFIELD TWP	OVER SHENANGO RIVER TRIB	5	N	302	ST STRINGER		34	A			05/22/14
950	WILLIAMSON RD, OTTER CREEK TWP	OVER BRANCH L. SHENANGO	5	N	302	ST STRINGER		28	B	32	40	03/25/14
1017	YEAGER RD, PERRY TWP	OVER PINE RUN	5	N	302	ST STRINGER		34	P	29	40	06/20/14
1201	CROUSER SCHOOL RD, MILL CREEK TWP	OVER MILL CREEK	4	N	302	ST STRINGER		25	A			07/08/13
1207	CRYSTAL SPRING RD, MILL CREEK TWP	OVER LITTLE SANDY CREEK	5	N	302	ST STRINGER		28	P	19	34	06/11/14
1412	PEW ROAD, DELAWARE TWP	OVER SHENANGO RIVER TRIB	5	N	119	RC BOX CULV	20	8	P	14		01/17/14
1503	FURNACE RD FAIRVIEW TWP	OVER OTTER CREEK BRANCH	5	N	101	RC SLAB (SOLID)		14	A			02/03/14
1605	STECKLER RD, LAKE TWP	OVER LITTLE SHENANGO	4	N	302	ST STRINGER		27	P	18	32	07/02/14
1606	HUTCHINSON RD LAKE TWP	OVER LITTLE SHENANGO BR	5	N	302	ST STRINGER		25	P	28		06/12/14
1703	LACOCK ST, SANDY LAKE BOROUGH	OVER SANDY CREEK	5	N	505	PS ADJ BOX BM		78	A			08/06/13
1850	HURON ST, S PYMATUNING TWP	OVER CHESTNUT RUN	5	N	302	ST STRINGER		29	P	33		08/15/13
2207	JACK ROAD, WORTH TWP	OVER WOLF CREEK BRANCH	5	N	302	ST STRINGER		36	A			09/20/13
2329	WENGLER AVE, SHARON CITY	OVER PINE HOLLOW RUN	5	N	104	RC T BEAM		27	P	24	29	07/19/13
2805	HEASLEY RD, SHENANGO TWP	OVER TRIB SHENANGO RIVER	5	N	302	ST STRINGER		22	P	3		03/28/14
3011	N. SPRING RD, SPRINGFIELD TWP	OVER MILL RUN	5	N	104	RC T BEAM		27	P	15	26	08/23/13
3101	PINCHLONG RD, PINE TWP	OVER SWAMP RUN BRANCH	5	N	104	RC T BEAM		27	P	27	0	10/21/13
7001	ORR ROAD, COOLSPRING TWP	OVER BESSEMER R.R.	5	N	303	ST GIRDER/FB, RV		128	P	32		09/06/13

ATTRIBUTES OF BRIDGES CONSIDERED FOR CLOSURE

Bridge No.	Location	Appr Slab	Appr Rwy	Deck WS	Deck	Super	Paint	Sub	Chan	Cul	Rem Life	Str Cond	Dk Gm	Un Cl	Wway	Appr Align	Traffic Safety Feat	Br Post	Scour Critical	Sufficiency Rate	SD / FO	Possible for Closure	Length of Dead End Street (ft) North/East	Length of Dead End Street (ft) South/West
121	N. MAYSVILLE, GREENE TWP	N	N	N	N	N	NN	N	7	2	1	2	N	N	8	N	8888	5	8	40.9331	SD	Y	2028	2700
124	MURPHY ROAD, GREENE TWP	N	6	N	4	5	41	5	5	N	10	5	2	N	8	8	4222	7	2	67.7298	SD	Y	2175	20
199	W COUNTY LINE, GREENE TWP	N	7	7	7	6	55	3	8	N	5	3	3	N	8	8	4525	3	8	23.6637	SD	Y	7180	1210
204	GARDNER HILL RD, SUGAR GROVE TWP	N	6	7	6	5	41	5	6	N	12	5	4	N	8	7	3222	1	3	75.2036		Y	2625	905
250	CALVIN ROAD, SUGAR GROVE TWP	N	5	4	4	5	68	3	7	N	5	3	3	N	8	6	3222	0	3	18.9793	SD	Y	925	350
311	CHERRY HILL RD, SALEM TWP	N	6	4	4	4	NN	4	6	N	10	4	3	N	8	8	4222	9	6	59.2264	SD	Y	2370	2710
811	SCOTT RD, HEMPFIELD TWP	N	6	7	6	5	52	4	6	N	10	4	5	N	8	7	4233	9	3	63.9615	SD	Y	985	3065
950	WILLIAMSON RD, OTTER CREEK TWP	N	6	6	6	6	41	3	5	N	5	3	6	N	8	7	4222	5	7	52.7087	SD	Y	3260	910
1017	YEAGER RD, PERRY TWP	N	7	N	4	4	21	4	7	N	10	4	6	N	8	8	4222	3	3	58.2098	SD	Y	530	1530
1201	CROUSER SCHOOL RD, MILL CREEK TWP	N	7	N	5	6	41	5	7	N	12	5	3	N	8	8	3222	9	3	74.2343	FO	Y	1125	770
1207	CRYSTAL SPRING RD, MILL CREEK TWP	N	6	N	5	5	31	7	7	N	14	5	7	N	8	8	4222	4	3	81.8883		Y	285	7700
1412	PEW ROAD, DELAWARE TWP	N	N	N	N	N	NN	N	7	4	10	4	N	N	8	N	3332	7	8	61.1942	SD	Y	8130	140
1503	FURNACE RD FAIRVIEW TWP	N	8	5	4	4	NN	5	7	N	10	4	3	N	8	6	3222	9	6	47.9315	SD	Y	2555	3970
1605	STECKLER RD, LAKE TWP	N	5	N	5	4	55	5	6	N	10	4	2	N	7	7	4222	3	3	52.3431	SD	Y	50	105
1606	HUTCHINSON RD LAKE TWP	N	6	N	6	5	31	5	6	N	12	5	7	N	8	8	4222	2	3	75.8569		Y	2670	3670
1703	LACOCK ST, SANDY LAKE BOROUGH	N	7	5	5	4	NN	7	7	N	10	4	6	N	8	8	6222	9	3	69.9667	SD	Y	630	160
1850	HURON ST, S PYMATUNING TWP	N	7	7	7	4	64	5	6	N	10	4	5	N	8	8	4222	3	3	61.4950	SD	Y	330	1330
2207	JACK ROAD, WORTH TWP	N	7	N	6	6	78	7	8	N	20	6	3	N	8	4	4244	8	3	87.2259	FO	Y	825	3400
2329	WENGLER AVE, SHARON CITY	N	5	7	5	3	NN	5	5	N	5	3	6	N	7	8	3222	6	3	40.3385	SD	Y	50	235
2805	HEASLEY RD, SHENANGO TWP	N	5	N	2	3	21	4	7	N	1	3	4	N	8	7	4222	0	7	18.8961	SD	Y	4490	6845
3011	N. SPRING RD, SPRINGFIELD TWP	6	7	7	6	5	NN	4	5	N	10	4	3	N	8	8	4222	3	3	61.8796	SD	Y	4100	340
3101	PINCHLONG RD, PINE TWP	N	6	5	5	5	NN	6	6	N	12	5	2	N	8	8	4222	8	3	57.1591	FO	Y	2575	1715
7001	ORR ROAD, COOLSPRING TWP	N	7	N	8	6	56	4	N	N	10	4	5	5	N	4	6543	3	N	61.6792	SD	Y	5170	2700

ATTRIBUTES OF BRIDGES CONSIDERED FOR CLOSURE

Bridge No.	Location	Municipal SALDO Requirement Max. Cul De Sac Length (ft)	County SALDO Requirement Max. Cul De Sac Length (ft)	Residential Dwelling Unit Access Points	Gas Well Access Points Affected	Farm Access Points Affected	Business Access Points Affected	Historic Status	Lane Count	Normal Travel Time (min:sec)	Detour Travel Time (min:sec)	Percent Increase in Travel Time	Sidewalks	SD Local Bridge(s) on Detour Route
121	N. MAYSVILLE, GREENE TWP	None	1000	2	2	1		No	2	1:48	3:31	95	N	N
124	MURPHY ROAD, GREENE TWP	None	1000	2	1			No	1	1:00	4:13	322	N	Y
199	W COUNTY LINE, GREENE TWP	None	1000	9	3	2		No	2	2:02	5:50	187	N	N
204	GARDNER HILL RD, SUGAR GROVE TWP	None	1000	6	1	1		No	2	1:20	6:10	363	N	N
250	CALVIN ROAD, SUGAR GROVE TWP	None	1000	1				No	1	See Note		#VALUE!	N	N
311	CHERRY HILL RD, SALEM TWP	None	1000	6	1	1		No	1	1:40	5:11	211	N	N
811	SCOTT RD, HEMPFIELD TWP	None	1000	2	3	3		No	2	1:28	2:44	86	N	N
950	WILLIAMSON RD, OTTER CREEK TWP	None	1000	5				No	2	1:33	2:12	42	N	N
1017	YEAGER RD, PERRY TWP	None	1000	2				No	2	0:49	2:53	253	N	N
1201	CROUSER SCHOOL RD, MILL CREEK TWP	None	1000	2				No	1	0:54	4:16	374	N	N
1207	CRYSTAL SPRING RD, MILL CREEK TWP	None	1000	5	1	1		No	2	3:06	6:51	121	N	N
1412	PEW ROAD, DELAWARE TWP	None	1000	3				No	2	3:43	4:02	9	N	N
1503	FURNACE RD FAIRVIEW TWP	None	1000	4	2	2		No	2	1:51	4:16	131	N	N
1605	STECKLER RD, LAKE TWP	None	1000		1	1	1	No	1	0:05	1:02	1140	N	N
1606	HUTCHINSON RD LAKE TWP	None	1000	1	1	1	1	No	2	1:54	2:58	56	N	N
1703	LACOCK ST, SANDY LAKE BOROUGH	County	1000	14				No	2	0:37	0:56	51	Y	N
1850	HURON ST, S PYMATUNING TWP	600	Municipal	2				No	2	0:48	1:00	25	N	N
2207	JACK ROAD, WORTH TWP	None	1000	1				No	1	1:26	5:15	266	N	N
2329	WENGLER AVE, SHARON CITY	None	1000	1				No	2	0:11	1:10	536	Y	Y
2805	HEASLEY RD, SHENANGO TWP	1000	Municipal	20	1	1		No	2	3:51	4:31	17	N	N
3011	N. SPRING RD, SPRINGFIELD TWP	1000	Municipal	6	2	2		No	2	1:23	4:53	253	N	N
3101	PINCHLONG RD, PINE TWP	None	1000	6	2	2		No	1	1:23	4:19	212	N	N
7001	ORR ROAD, COOLSPRING TWP	None	1000	10	2	2		No	2	2:43	5:28	101	N	N

ATTRIBUTES OF BRIDGES CONSIDERED FOR CLOSURE

Bridge No.	Location	Roads Within Vicinity of Bridge Typically Closed Due to Flooding	Risk Assessment	Dead End Road Total Length (ft)	Longest Dead End Segment (ft)	Cost of Replacing Bridge	Cost per Vehicle	Agricultural Area	Utilities	Railroad Presence	Notes
121	N. MAYSVILLE, GREENE TWP			4728	2700	\$93,600	\$1,337			No	
124	MURPHY ROAD, GREENE TWP			2195	2175	\$358,800	\$2,803			No	
199	W COUNTY LINE, GREENE TWP			8390	7180	\$655,200	\$3,260			No	
204	GARDNER HILL RD, SUGAR GROVE TWP			3530	2625	\$405,600	\$13,986			No	
250	CALVIN ROAD, SUGAR GROVE TWP			1275	925	\$514,800	#VALUE!	Y		No	Bridge is closed.
311	CHERRY HILL RD, SALEM TWP			5080	2710	\$234,000	\$4,588			No	
811	SCOTT RD, HEMPFIELD TWP			4050	3065	\$530,400	\$3,709	Y		Yes	
950	WILLIAMSON RD, OTTER CREEK TWP			4170	3260	\$436,800	\$12,480			No	
1017	YEAGER RD, PERRY TWP			2060	1530	\$530,400	\$14,733			No	
1201	CROUSER SCHOOL RD, MILL CREEK TWP			1895	1125	\$390,000	\$6,964	Y		No	
1207	CRYSTAL SPRING RD, MILL CREEK TWP	Possible		7985	7700	\$436,800	\$39,709	Y		No	
1412	PEW ROAD, DELAWARE TWP			8270	8130	\$124,800	\$2,600			No	
1503	FURNACE RD FAIRVIEW TWP			6525	3970	\$218,400	\$2,299			No	
1605	STECKLER RD, LAKE TWP			155	105	\$421,200	\$18,313	Y		No	The bridge appears to be used for an industrial operation. Can ownership be transferred?
1606	HUTCHINSON RD LAKE TWP			6340	3670	\$487,500	\$14,773			No	The bridge appears to be used for an industrial operation. Can ownership be transferred?
1703	LACOCK ST, SANDY LAKE BOROUGH			790	630	\$1,521,000	\$6,730			No	
1850	HURON ST, S PYMATUNING TWP			1660	1850	\$452,400	\$26,612	Y		No	
2207	JACK ROAD, WORTH TWP			4225	3400	\$561,600	\$14,400			No	
2329	WENGLER AVE, SHARON CITY			285	2329	\$526,500	\$1,987		Yes	No	
2805	HEASLEY RD, SHENANGO TWP			11335	6845	\$343,200	\$3,613			No	
3011	N. SPRING RD, SPRINGFIELD TWP			4440	4100	\$421,200	\$4,129	Y		No	Could possibly impact fire response times.
3101	PINCHLONG RD, PINE TWP			4290	3101	\$421,200	\$2,435			No	
7001	ORR ROAD, COOLSPRING TWP			7870	7001	\$1,996,800	\$25,276			Yes	

APPENDIX D
AASHTO STANDARDS FOR TURNAROUNDS

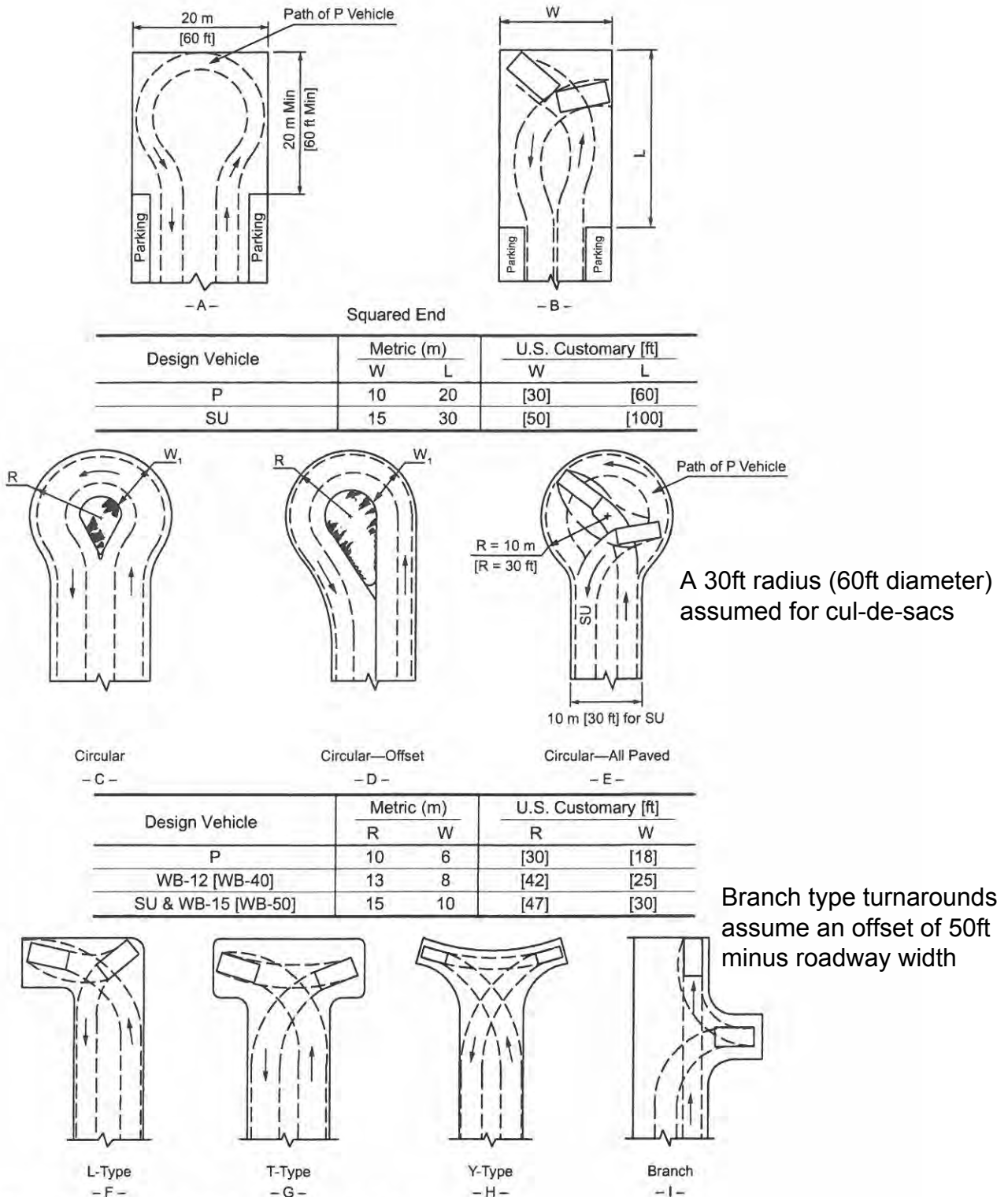
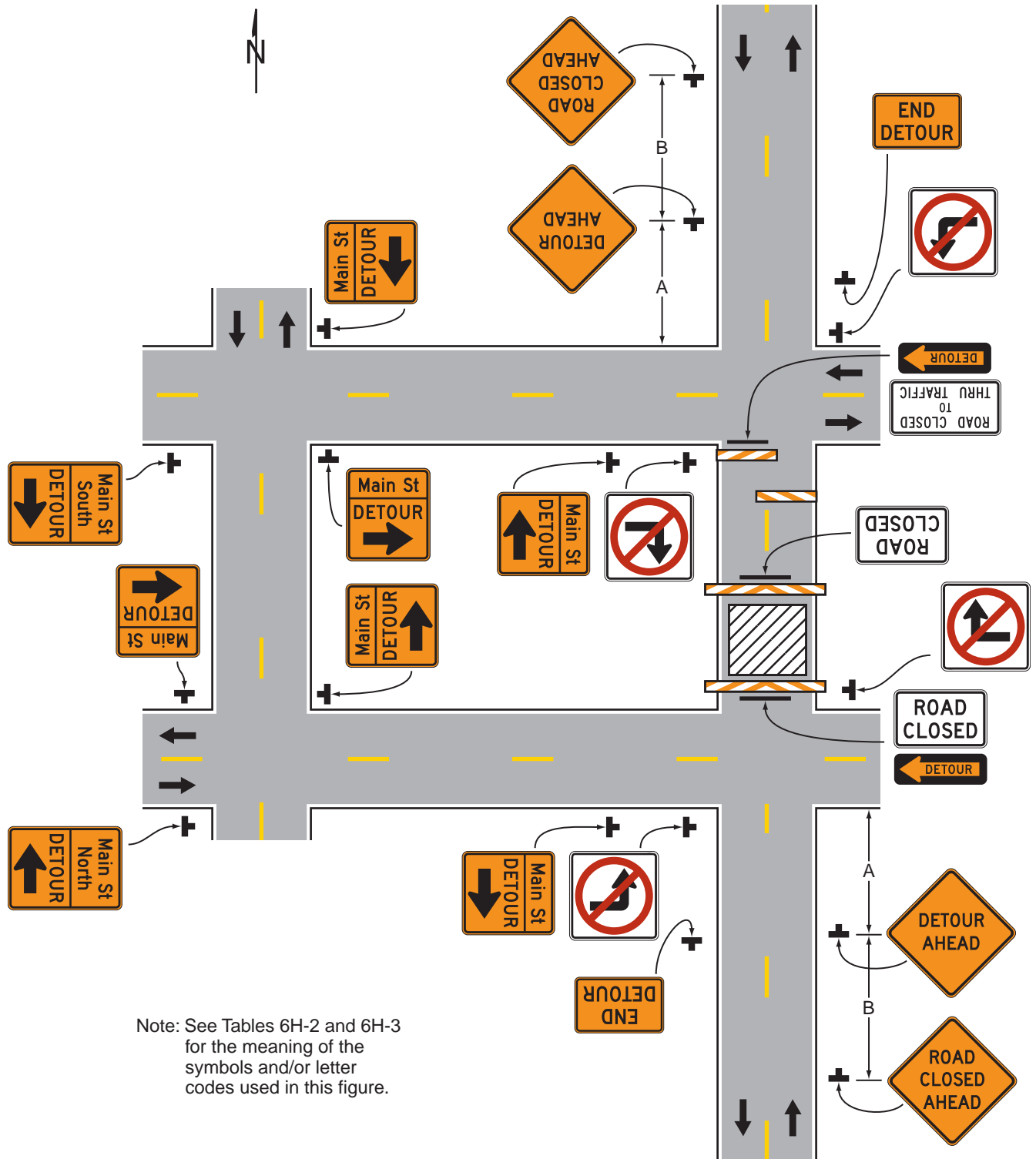


Figure 5-1. Types of Cul-de-Sacs and Dead-End Streets

Right-of-way (ROW) footprints assume an existing 33ft right-of-way and 18ft cartway. Turnarounds assume ROW 10 feet beyond outside edge of pavement. The following ROW footprints have been assumed: 60' diameter symmetrical cul-de-sac: 2,400sf 90' diameter symmetrical cul-de-sa: 5,900sf Offset cul-de-sac: 3,200sf Branch turnaround: 1,250sf

APPENDIX E
MUTCD DETOUR FOR A CLOSED STREET

Figure 6H-20. Detour for a Closed Street (TA-20)



Note: See Tables 6H-2 and 6H-3 for the meaning of the symbols and/or letter codes used in this figure.

Typical Application 20

APPENDIX F
PRESS RELEASE AND INVITATION LETTER

COUNTY COMMISSIONERS

John N. Lechner, Chairman
Matthew B. McConnell
Brian Beader



COUNTY OF MERCER

BRIDGE DEPARTMENT

104 Mortensen Road
Greenville, PA 16125
Phone (724) 662-4977
Fax (724) 662-5291
mmiller@mcc.co.mercer.pa.us

November 13, 2014

FOR IMMEDIATE RELEASE

CONTACT: Mark A. Miller, P.E.
Mercer County Bridge Department

Mercer County Evaluates Bridges for Potential Closure

(Greenville, PA) – In accordance with PennDOT’s bridge asset management process, Mercer County has evaluated locally owned bridges in the County for potential closure and removal. Candidate bridges have been evaluated for factors including traffic volume, condition, detour routes, replacement cost, and number of homes and businesses affected to determine if they can be considered operationally redundant.

There are more than 250 County and municipal owned bridges in Mercer County. The evaluation resulted in 23 bridges in 18 municipalities that may be eliminated as part of this asset management process. A list of operationally redundant bridges may be viewed on the Mercer County website at <http://www.mcc.co.mercer.pa.us/engr/default.htm>

As part of the process, three public meetings, by County region, to present this information will be scheduled in early December. Date, time and location of the meetings is available at the above website. The meeting for structures in the northwest portion of the County will take place on Thursday, December 4th at the Reynolds VFW, the northeast portion on Tuesday, December 9th at the Sandy Lake Borough Building, and the south and central portion on Thursday, December 11th at the County Courthouse. Presentations for elected officials will be at 6:30 and the general public at 7:30 on the above dates. Questions in the meantime may be forwarded to Mark Miller, P.E., Mercer County Engineer at 724-662-4977.

COUNTY COMMISSIONERS

John N. Lechner, Chairman
Matthew B. McConnell
Brian Beader



BRIDGE DEPARTMENT

104 Mortensen Road
Greenville, PA 16125
Phone (724) 662-4977
Fax (724) 662-5291
mmiller@mcc.co.mercer.pa.us

COUNTY OF MERCER

November 18, 2014

Crawford County Commissioners
Crawford County Courthouse
903 Diamond Park
Meadville, PA 16335

Dear Commissioners:

In accordance with PennDOT's Bridge Asset Management Process, Mercer County has evaluated locally owned bridges in the County for potential closure and removal. The County hired the firm of Trans Associates to prepare this study in accordance with PennDOT's study process as outlined in their Publication 10X. Candidate bridges have been evaluated for factors including traffic volume, condition, detour routes, replacement cost, and number of homes and businesses affected to determine if they can be considered operationally redundant.

The evaluation resulted in 23 bridges in 18 municipalities that may potentially be eliminated as part of this asset management process. Three regional meetings are being held to present the results of the study. The following bridge is a candidate that is owned jointly with your county.

Bridge 199, located on West County Line Road

The meeting to present the study results for this bridge and others in this region is scheduled for December 4, 2014. A presentation will be made to elected officials at 6:30 p.m. and to the general public at 7:30 p.m. The meeting will be held at the Reynolds VFW Post 7599, 115 Edgewood Drive, Greenville, PA 16125.

You are encouraged to attend to learn about the process and to provide your input and comments as the study is finalized.

We look forward to your input in this important process.

Sincerely,

A handwritten signature in blue ink, appearing to read "Mark A. Miller, P.E.", is written over a faint, illegible printed name.

Mark A. Miller, P.E.
Bridge Engineer

APPENDIX G
QUESTIONNAIRE

BRIDGE CLOSURE AND
REMOVAL STUDY

PUBLIC INVOLVEMENT QUESTIONNAIRE

Please take a few minutes to answer the following questions. This information will help Mercer County understand any needs or concerns related to this study.

1. Were the project team members able to explain the details of the study and answer your questions? If no, please describe your concerns.

2. Which bridge is the subject of your comments? _____

3. How often do you drive across the bridge you have listed?

Multiple daily trips Once a day Weekly Monthly

4. Do you have any special concerns regarding impacts to your property or business if this structure were to be closed and removed?

5. Are you aware of any proposed development that would be impacted by the closure?

Yes No If so, what type of development and where is it located?

6. PA Act 89 permits Counties to enact a \$5.00 vehicle registration fee that would be collected in addition to the Pennsylvania vehicle registration fee for each vehicle registered in the County. These funds could be used to fund bridge work. Would you be in favor or the County enacting this additional registration fee?

Yes No

7. May Mercer County contact you regarding your response to this questionnaire?

Yes No

Name: _____

Address: _____

City, State, Zip: _____

Telephone: _____ email: _____

PLEASE RETURN YOUR COMPLETED QUESTIONNAIRE TO A MERCER COUNTY REPRESENTATIVE.

If you wish to return your questionnaire by mail, please send to the following address:

Mr. Mark A. Miller, P.E., Director
Mercer County Bridge
104 Mortensen Road
Greenville, PA 16125

APPENDIX H
PUBLIC MEETING SIGN-IN SHEETS

Bridge Closure Study Public Officials Meeting - Attendance Sheet - December 4, 2014 6:30 P.M. Reynolds VFW

NAME	REPRESENTING
Walter W. Gahmatt	Home owner.
ERIC SCALES	PROPERTY OWNER
Donna Scott	20 SCOTT Rd Property Owner
John Scott	20 SCOTT Rd Property Owner
Pam Smith	388 W. County Line Rd Property owner

Phone numbers and email addresses have been redacted from this document

Bridge Closure Study Public Meeting - Attendance Sheet - December 4, 2014 7:30 P.M. Reynolds VFW

NAME	REPRESENTING
Thomas Signano	Gardner Hill Rd
Walter Scales	Gardner Hill Rd
Myrna Scales	Gardner Hill Rd, Gville, PA
Margaret Smith	W. Carver Lane Rd
Jean Brown	208 W. CO LINE RD
Jean Brown	208 W. CO LINE RD

Phone numbers and email addresses have been redacted from this document

Bridge Closure Study Public Meeting - Attendance Sheet - December 4, 2014 7:30 P.M. Reynolds VFW

NAME	REPRESENTING
Mark A. Miller, P.E.	Mercer County Bridge
Larry & Sharon Hill	Lujan Stone Budge 204
Tim Swank	HEMPFIELD
Chuck + Wendi Swartz	Murphy Rd
Mark + Pam + Daws	Murphy Rd Jamestown
Brian Smith	W. County line Rd. Bridge
BRIAN LUCAS	W. COUNTY LINE Rd. BRIDGE
CHARLES ENGELING	196 MATSVILLE Rd. BRIDGE

Phone numbers and email addresses have been redacted from this document

Bridge Closure Study Public Officials Meeting - Attendance Sheet - December 4, 2014 6:30 P.M. Reynolds VFW

NAME	REPRESENTING
Lang King	PERRY TWP
Richard Smole	PERRY TWP
Lawrence King	PERRY TWP
Ken Sherbondy	WEST SALEM TWP
Paul Gsonka	Greene Twp.
Rick Whitten	Aymathings Twp
JAY FAYE	HEMPFIELD
Gary Heltz	Hempfield
Dan Snyder	Otter Creek Twp
Phil Rew	Record-Argus
Brian Beader	Mercur County
Stamm/Juan	Cranford (Over)
Bruce Horn	Greenwich Reynolds Dev. Corp.
Bob Scott	Hempfield Twp

Phone numbers and email addresses have been redacted from this document

Bridge Closure Study Public Officials Meeting - Attendance Sheet - December 4, 2014 6:30 P.M. Reynolds VFW

NAME	REPRESENTING
Mark A. Miller, P.E.	Mercer County Bridge
John Canon	OTTER CREEK TWP
John McGundy	SALEM TWP
Larry Payne	Salem Twp
George Hix	Greene
Pat Hume	GREENE
KEY COWHER	GREENE
Mauri Shankart	Sugar Grove
Dan Ray	Sugar Grove
Paul H. Swant	Otter Creek Twp
Charles D. Baker	Crawfords Co West Shenango Twp
Thomas Rink	Crawfords Co WEST SHENANGO TWP
TODD HITTLE	HEMPFIELD TWP
Glenn L. Clark	Salem

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Bridge Closure Study Public Meeting - Attendance Sheet - December 9, 2014 7:30 P.M. Sandy Lake Borough

NAME	REPRESENTING
Mark A. Miller, P.E.	Mercer County Bridge
Dennis Hoffman	FAIRVIEW BRIDGE
Key Lohr	W WORTH
Howard W. Pullman	FAIRVIEW TWP.
Ulrich Y. Hostetler	Delaware Twp
Allen N. Byler	Fairview Twp
Enoch W. Byler	Delaware Twp
Marvin W. Byler	Delaware Twp
Marshall A. Byler	Perry Twp
Reuben S. Byler	Perry Twp
Timothy Byler	Perry Twp
Levi Lee	FAIRVIEW TWP
Ray L. Korman	Millsboro
Frank Shearer	Mills Creek

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Bridge Closure Study Public Meeting - Attendance Sheet - December 9, 2014 7:30 P.M. Sandy Lake Borough

NAME	REPRESENTING
Robert Muchach	Mill Creek
Tina Weber	Mill Creek
Self Hoffman	Fairview 1503
Christina L. Hoffman	Fairview Bridge #1503
FRED SAGE	MILL CREEK
NORW GREENUEF	Millcreek
WILL GREENUESS	FAIRVIEW BRIDGE #1503
DOR CLAYTON	MILL CREEK
Debbie Weber	MILL CREEK
HAN HALE	FAIRVIEW BRIDGE #1503
IAN HALE	FAIRVIEW BRIDGE #1503
Ron Buzgor	Fairview Bridge #1503
Carmel Bluman	Lycrook St. L. Bridge
Lora McFarlane	North Township

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Bridge Closure Study Public Officials Meeting - Attendance Sheet - December 9, 2014 6:30 P.M. Sandy Lake Borough

NAME	REPRESENTING
Mark A. Miller, P.E.	Mercer County Bridge
Douglas Mays	LAKEVIEW SCHOOL DISTRICT
Dan P. Hemmingel	Sandy Lake Boro. Council.
JOHN SWEET	STONEBORO COUNCIL
Shawn Bell	Mill Creek Twp
Cathy Oakes	Sandy Lake Boro Council
VERNON MARKWOOD	SANDY LAKE MAYOR
DAN SCHULZ	SANDY LAKE BORO

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Bridge Closure Study Public Meeting - Attendance Sheet - December 9, 2014 7:30 P.M. Sandy Lake Borough

NAME	REPRESENTING
Robert Mena	Worth Twp Supervisor
Dale Furey	Worth Twp.
Curtis O'Hara	Sandy Lake Borough Council
Bruce McQuiston	LEXOSPAN
Carl Heckman	Fairview Twp.
Benny Struthers	Fairview Twp. Supervisor

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Bridge Closure Study Public Meeting - Attendance Sheet - December 9, 2014 7:30 P.M. Sandy Lake Borough

NAME	REPRESENTING
Robert D. Muschick	Worth, Mill Creek, Lake, Sandy Lake
TODD R SHEARER	Mill Creek 391 Carlton Rd Sandy Lake
RHODA HETTICK	9 WOOD ST, SANDY LAKE PA
NORMAN JERKINS	5 SANDY LAKE 227 CRYSTAL SPRING RD
Simon Lee	279 Furnace RD Greenville PA 190 Lamon Road
David P. Hoobler	H & H Muffins/Inc. Stony Brook Pa
John Christy	SANDY LAKE BORO
John Skaten	Lake Twp
Doug Tammy Branaman	93 FURNACE RD, FREDONIA MORRISSE
CHARLES ALEXANDER	202 COOKS PRING RD
Wm Xettle	158 COOL SPRING R
Jess Powell	Perry
MONT CLARK	FAIRVIEW

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Bridge Closure Study Public Meeting - Attendance Sheet - December 11, 2014 7:30 P.M. Mercer

NAME	REPRESENTING
John Cunningham	265 Peew Rd
Gary Wansor	500 PEW RD
Joe Eshen	259 Fleming Rd
Mark Shuler	94 North Spring Rd
Lambert M	317 Old Hill Mary
Richard [unclear]	317 Old ash RO Mercer
John Struthers	270 Junction Rd Struthers FARMS LLC
E. F. Johnson	239 Junction Rd g

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Bridge Closure Study Public Meeting - Attendance Sheet - December 11, 2014 7:30 P.M. Mercer

NAME	REPRESENTING
Alicia M. Gode	150 N Spring Rd
Rudy M. Gode	370 Malburn Rd.
Wayne L. Gode	79 Gemhurst Rd
KEVIN DONALDSON	2792 MERCER-W. MIDDLESEX RD
Jack Stupha	412 Millburn Road Mercer
Andy Myrdal	515 Cannery Rd. Mercer
David B. Byler	862 New Castle Rd
Steve + Laurie Paxton	442 Buckley Rd Grove City Va
Margaret Grande	251 Finchalong Grove City
Rev. Stephen Loposky	339 New Rd, Mercer
Stanley Roman	9801 rd Mercer
Mike Shea	24 N. Spring Rd
Mark M. Curran	279 New Road, Warrington
LINDA FISHER	359 POW RD MERCER PA

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Bridge Closure Study Public Meeting - Attendance Sheet - December 11, 2014 7:30 P.M. Mercer

NAME	REPRESENTING
Mark A. Miller, P.E.	Mercer County Bridge
Doris Stupka	N. Spring Rd #3011
Joel Myador	16137 Fountain Springs Rd Mercer Pa
Kevin Kirk	339 Heasley Rd Pulaski Pa 16043
Dayle Slater	365 Heasley Dr Pulaski PA.
Judy Miller	371 Heasley Rd, Pulaski, Pa.
Robert Frisk	334 S Spring Rd Mercer Pa
Regina Keck	327 South Spring Rd, Mercer PA
Eli H. Mast	515 B cannery Rd mercer 16137 Pa
S Ann Zoda	515 A cannery 16137 Pa
Laura Paxton	442 Buckley Rd Grove City, PA 16137
John Hanson	670 So. Dordy Rd Hermitage, PA
Robert M. Gubow	234 W. Venango St Mercer
Mike Shultz	

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Bridge Closure Study Public Officials Meeting - Attendance Sheet - December 11, 2014 6:30 P.M. Mercer

NAME	REPRESENTING
Mark A. Miller, P.E.	Mercer County Bridge
James Knight	Springfield Twp.
Micah Swartz	Springfield Twp.
Marcus Kohan	Springfield Twp
Tim Engle	Pink Twp
Walt Darragh	Coopersburg Twp
Daniel Miskie	Delaware Twp
John Logson	Mercer Co - Coopersburg Twp

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Bridge Closure Study Public Officials Meeting - Attendance Sheet - December 11, 2014 6:30 P.M. Mercer

NAME	REPRESENTING
William Estep	Delaware Twp
Judy Hassler	Springfield Twp
Robert L. McKee	Cool Spring Twp
DENNIS DE SILVEY	SILVERWOOD TWP
SCOTT ANDREJCHAK	CITY OF SHARON
Rick Dillman	Springfield Twp
George Elliott	Pine Township
JAMES SCHOLEY	SHAW SCHOOL BUS LINES
John Esniff	DELAWARE TWP

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