



# HYDROLOGY AND HYDRAULIC SUMMARY DATA SHEET

## Location Data

|                            |  |                           |  |
|----------------------------|--|---------------------------|--|
| MPMS #                     |  | Municipality              |  |
| County                     |  | State Route - Section     |  |
| Location - USGS Quadrangle |  | Station                   |  |
| Latitude                   |  | Segment/Offset            |  |
| Longitude                  |  | Functional Classification |  |

## Channel/Watershed Data

|                                      |  |  |  |
|--------------------------------------|--|--|--|
| Stream Name                          |  |  |  |
| Drainage Area                        |  |  |  |
| Hydrology Method Used                |  |  |  |
| FEMA Flood Zone                      |  |  |  |
| Normal Stream Flow Depth & Elevation |  |  |  |
| River Basin (USACE)                  |  |  |  |

## Bridge/Culvert Characteristics

|                                   | Existing Structure | Proposed Structure |
|-----------------------------------|--------------------|--------------------|
| Bridge Type                       |                    |                    |
| Number of Spans                   |                    |                    |
| Skew (relative to flow direction) |                    |                    |
| Normal Clear Span (Width)         |                    |                    |
| Out-to-out Length (Dir of Flow)   |                    |                    |
| Total Length of Channel Impacted  |                    |                    |
| Low Chord Elevation               |                    |                    |
| Open Area                         |                    |                    |

## Hydraulic Data

|                       |                | Existing Structure |     |          | Proposed Structure |     |          |
|-----------------------|----------------|--------------------|-----|----------|--------------------|-----|----------|
| Hydraulic Method Used |                |                    |     |          |                    |     |          |
| Return Period         | Designation    | Q                  | WSE | Velocity | Q                  | WSE | Velocity |
|                       | PennDOT Design |                    |     |          |                    |     |          |
|                       | DEP Chap 105   |                    |     |          |                    |     |          |
| 0.01AEP (100-year)    | FEMA           |                    |     |          |                    |     |          |
|                       |                |                    |     |          |                    |     |          |
|                       |                |                    |     |          |                    |     |          |
| Overtopping Event     |                |                    |     |          |                    |     |          |