

# Hydraulic Data Summary Sheet

| Project Data    |  |             |  |
|-----------------|--|-------------|--|
| Contract Title  |  | M.R. Number |  |
| Contract Number |  | County      |  |
| Federal Aid No. |  | Stream Name |  |

| Watershed Data                |  |                                |  |
|-------------------------------|--|--------------------------------|--|
| Hydrologic Method Used        |  | FEMA Flood Zone                |  |
| Ordinary High-Water Elevation |  | Historic High-Water Elevation  |  |
| Wetlands Encroachment         |  | Linear feet of stream impacted |  |

| Bridge / Culvert Data                 | Existing Structure | Proposed Structure |
|---------------------------------------|--------------------|--------------------|
| Bridge Type                           |                    |                    |
| Number of Spans                       |                    |                    |
| Skew (Relative to Flow Direction)     |                    |                    |
| Normal Clear Span (Width)             |                    |                    |
| Out-to-Out Length (Direction of Flow) |                    |                    |
| Low Chord Elevation                   |                    |                    |
| Min. High Chord Elev. Either Abutment |                    |                    |
| Navigational Underclearance           |                    |                    |
| Bridge Open Area (from HEC-RAS)       |                    |                    |
| Total Waterway Provided (sf)          |                    |                    |
| Scour Depth (ft)                      |                    |                    |

| Tidal Area Data           | Existing Condition | Proposed Condition |
|---------------------------|--------------------|--------------------|
| Mean High Water Elevation |                    |                    |
| Mean Low Water Elevation  |                    |                    |
| High Wave Elevation       |                    |                    |

| Hydraulic Data                 | Return Period      |     |            |                    |     |            |
|--------------------------------|--------------------|-----|------------|--------------------|-----|------------|
|                                | Design Event       |     |            |                    |     |            |
| Scour Design/Check Event       |                    |     |            |                    |     |            |
| Overtopping Event              |                    |     |            |                    |     |            |
|                                | Existing Condition |     |            | Proposed Condition |     |            |
| Hydraulic Method Used          |                    |     |            |                    |     |            |
| Structure Freeboard (ft)       |                    |     |            |                    |     |            |
|                                | Q (cfs)            | WSE | Vel. (fps) | Q (cfs)            | WSE | Vel. (fps) |
| Design Event                   |                    |     |            |                    |     |            |
| 100-Year                       |                    |     |            |                    |     |            |
| FEMA 100-Year Floodplain Elev. |                    |     |            |                    |     |            |
| Scour Design Event             |                    |     |            |                    |     |            |