

## Bridge Priority Report Overview

In support of the Kentucky Transportation Cabinet (KYTC) Department of Rural and Municipal Aid **County and City Bridge Improvement Program (CCBIP)**, the Department of Highways has provided **Bridge Priority Reports (BPR)** for local agencies. These reports summarize information for all locally owned bridges based on the National Bridge Inspection Standards (NBIS) Reports. Ratings use the Overall Bridge Condition, Risk to the transportation network and Mobility to assign a cumulative **Priority Index (PI) score**. Bridges are then assigned to three Project Tiers:

- **Tier 1** Highest priority indicating significance due to bridge condition, transportation network risk and/or mobility.
- **Tier 2** Medium priority indicating moderate condition, risk and mobility ratings, or a mix of high and low ratings for these factors.
- **Tier 3** Low priority indicating low condition, risk or mobility concerns.

The Bridge Priority Report provides information to local agencies to understand locally owned bridges as part of a comprehensive Bridge Management Program. The overall goal of a Bridge Management Program should be to identify structures that are in need of Cyclical and Condition Based Maintenance, repair and/or rehabilitation and replacement. Specific maintenance and repair needs for each structure can be identified from a thorough review of the **NBIS Inspection Reports** provided by KYTC.

## BPR Data Summary

This figure shows the fields that are contained in the BPR, which are discussed below:

Bridge ID	Facility	Length	Built	Deck	Super	Sub	Deck Area	Posting Status	Bridge Cond	Scour Cond	Design Type	Tier	PI	Mobility	Risk	Cond	CO Recommendation
001C00050N	OLD GRADYVILLE RD	46.0	1997	4	6	6	906.0	P Posted for load	Poor	8	02 Stringer/Girder	Tier 1	0.503	0.158	0.119	0.671	Superstructure Replacement
001C00007N	ARNOLDS LANDING RD	29.0	1935	5	5	4	754.0	P Posted for load	Poor	8	01 Slab	Tier 1	0.543	0.155	0.037	0.755	Replacement

## BPR Bridge Structure Data Fields

а Bridge ID: NBIS Structure ID  
 б Facility: Name of Road facility is located on  
 в Length: Bridge Length  
 г Built: Year Bridge was built  
 д Deck: Super/Sub: Condition rating of Deck/Superstructure and Substructure  
 е Deck Area: Area of Bridge Deck  
 ж Posting Status: Posting Status (Open/Closed)  
 з Restrictions: Posted for Load/Closed to all Traffic  
 и Bridge Condition: Determined by the lowest rating of the NBI conditions rating for Deck/Superstructure/Substructure (Good Rating 9, Fair Rating 8, Poor Rating 7)

с Scour Condition: Scour Condition Rating  
 д Design Type: Superstructure Bridge Design Type  
 е Tier: Maintenance Tier (Tier 1/Tier 2/Tier 3 described above)  
 ж PI: Priority Index Score (Rated from low priority to highest priority)  
 з Mobility/Risk/Condition: Mobility/Risk and Condition Scores based on NBIS Inspection Report  
 и CO Recommendation: Maintenance Recommendations provided by KYTC Central Office  
 Note: The absence of Maintenance Recommendations does not indicate that no maintenance is required