



5/9/2017

RE: HAM US-27 3.58  
PID: 104788

Dear Property Owner/Tenant:

The Ohio Department of Transportation (ODOT) has started the planning process for repairing the historic Brighton Bridge, HAM US-27 3.58, which carries West McMicken Avenue over Central Parkway (US-27). In August of 2016 an in-depth study was conducted to better understand the amount of work needed to repair the bridge. This study include taking samples of concrete from various structural parts including those critical to the safety of the traveling public. The study found the extent and severity of repair work needed were greater than anticipated. The bridge was found to not safely support the current design loads and has had load restrictions signs posted until repairs can be completed. Due to the extent of repair work required a Feasibility Study is being conducted to determine the best design alternative to choose based on the seven possible design alternatives listed below.

- Alt. 1 - Do nothing.
- Alt. 2 - Rehabilitate Option 1: Replace all beams that are less than 100% structural capacity should be replaced. Patch and fiber wrap any beam that has sufficient capacity but are unsound and/ or spalled for the purpose of protecting traffic and pedestrians.
- Alt. 3 - Rehabilitate Option 2. Replace any beam that is less than 100% structural capacity or is unsound/spalling.
- Alt. 4 - Rehabilitate Option 3: Pedestrian Only- Permanently close structure to vehicular traffic. Patch and repair beams with fiber wrap only to prevent falling concrete.
- Alt. 5 - Replace Superstructure- Keep substructure and salvage the existing railing and lights for re-use in the new superstructure.
- Alt. 6 - Replace Entire Structure- Salvage the existing railing and lights for re-use in the new structure.
- Alt. 7 - Remove Bridge- Install a switchback ADA compliant ramp on the hillside north of the intersection of Central Parkway and Brighton Place. Evaluate incorporating salvaged railing and lights into the ramp or top of wall that would dead end Brighton Street.