

# City of Minneapolis

## Request for Committee Action

**To:** Transportation & Public Works  
**Date:** 5/17/2016  
**Referral:** N/A  
**From:** Public Works Department  
**Lead Staff:** Jack Yuzna, Bridge Engineer, Transportation Engineering and Design  
**Presented by:** Jack Yuzna, Bridge Engineer, Transportation Engineering and Design  
**File Type:** Resolution  
**Subcategory:** Street project

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**Subject:**

Layout Approval for Hennepin County Project No. 1117, Replacement of the County State Aid Highway (CSAH) 46 Bridge (E 46th St) over Godfrey Parkway.

**Description:**

Passage of Resolution Approving the Layout for Hennepin County Project No. 1117, Replacement of the County State Aid Highway (CSAH) 46 Bridge (E 46th St) over Godfrey Parkway.

**Previous Actions:**

None

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**Ward/Address:**

Ward 12

**Background/Analysis:**

In 2011, Hennepin County began discussions with Minneapolis Public Works staff regarding its plans to rebuild the 46th Street (CSAH 46) bridge over the Godfrey Parkway in Minnehaha Park in southeast Minneapolis. The existing bridge is listed as structurally deficient and has a sufficiency rating of 33.4. Hennepin County held a public open house on May 3<sup>rd</sup>, 2016.

In order to avoid Minnehaha Park impacts, the proposed permanent project limits stay completely within the county's right-of-way. The typical roadway section provides two travel lanes in each direction and two separated mixed use paths on either side of the bridge. This is similar to the adjacent Intercity Bridge (Ford Parkway over the Mississippi River) section.

Originally opened in 1926, historic recordation of the bridge is not required due to the removal of the deck and railings during a 1971 widening project. Replacement of the bridge does not require mitigation as it is not a contributing element to the park. Regardless, Hennepin County has applied for a Certificate of Appropriateness from the Minneapolis Heritage Preservation Commission.

The new bridge will be required to meet current statutory standards. This will result in a modest increase in the bridge clearance and will raise the bridge roadway approximately 9 inches higher than its current elevation. To accommodate this increase in elevation, the roadway and retaining walls will need to be rebuilt as well. The County has scheduled the project to begin in the fall of 2016 however the majority of the construction and traffic impacts will occur between April and October 2017.

Because of the relatively high volume of traffic on 46th Street as well as its park setting, the construction will be staged to reduce impacts to both resources. Traffic will be maintained on 46th Street but reduced to one lane in each direction beginning April 2017 (anticipated). In order to accommodate removal of the existing bridge and facilitate the replacement, Godfrey Parkway will be closed and traffic detoured beginning April 2017 and lasting through October 2017 (anticipated).

The proposed structure will include a single span in order to improve public safety and the myriad of public and park events that use Godfrey Parkway. During construction, park events normally scheduled on the parkway will be accommodated by requiring the contractor to schedule operations around these events. A 28-foot wide section of the parkway will be reopened intermittently throughout the term of construction for pedestrians, bicyclists, and emergency vehicle access for these events. The existing pedestrian and bicycle trail adjacent to Godfrey Parkway will remain open throughout the term of the construction project.

**Financial Review:**

**No financial impact.**

**Attachments:**

1. Map
2. Bridge Layout View
3. Bridge Elevation View
4. Resolution