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## CONCEPT DEFINITION REPORT

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**Date:** 05/02/2019

**Region:** SW PDS Lacrosse Unit 2

**Prepared By:** RICHARDSON, LINDA K - DOTLZP

### GENERAL

**Design ID:** 1650 00 07

**Related ID(s):** 1650-00-77

**Highway No. or Local Road Name:** USH 061

**Route length (miles):** 0.4

**Title/Limit:** DICKEYVILLE - LANCASTER SOUTH JUNCTION STH 81

**Functional class:** PRINCIPAL ARTERIAL

**Current ADT:** 5137

**Connecting hwy:** N

### COUNTIES

County name	Primary Flag
GRANT	Y

### FEATURES

#### Roadway conditions

**Lanes:** 2

**Divided:** N

**Rural:** Y

**Pavement width (ft):** 24

**Pavement condition year:** 0

**Pavement surface type:** BRM

**IRI:** 0.755

**PDI:**

**PCI:** 48.167

**Left shoulder surface type:** Asphalt

**Right shoulder surface type:** Asphalt

**Shoulder width (ft):** 8

**Paved width (ft):** 6

**Crash rate:** 195.9186

**Crash rate year:** 2017

**Substandard align horiz:** null

**Substandard align vert:** null

**Crash rate improvement flag:** Y

**Injury death improvement flag:** Y

**Runoff improvement flag:** Y

**Intersection improvement flag:** N

#### Structures

**Structures flag:** N

#### Railroad Crossings

**Railroad crossing flag:** N

## PROPOSED IMPROVEMENT

**JUSTIFICATION:** The existing intersection is a modified t-intersection with bypass lanes for 3 turning movements. Sight distance for those at the stop bar on STH 81 looking south could be blocked by NB right turners entering the STH 81 bypass lane. All roadways intersect on curves at this intersection so runoffs are a common crash pattern. The bypass lanes are generating sideswipes while merging and runoffs while diverging. A driveway just north of the intersection is generating crashes from turning movements.

**Proposed improvement description:** Improve intersection safety by installing a single lane roundabout. This will reduce the speed of all vehicles through the intersection and it eliminates the chance for any left turn crashes. The merge and diverge crashes will be eliminated once the bypasses are removed. See the HSIP application submitted March 2019 for additional information.

**Environment documentation type:** 2B - STATE DOCUMENTED CATEGORICAL EXCLUSION

**Improvement concept:** RCND10 - RECONDITION (INTERSECTION/WIDEN/SHOULDER)

**Total construction estimate:** \$1,500,000.00

**Utility amount:** \$0.00

**Railroad amount:** \$0.00

**Design amount:** \$132,525.00

**Program year:** 2023

**Legislative subprogram:** 303 -STATE HIGHWAY REHABILITATION

## WisDOT Programs

SAFETY (REGULAR HSIP)
STATE 3R - Allocated

**Local participation:** N

**Aes/Vis Lvl Of Impact Rating:**

**Real estate:** N

**NHS:** Y

**Access control:** NA

**% Of Project Cost:** 0

**Real estate cost:** \$0.00

**FHWA Oversight Exempt:** Y

**Accepted By:** LINDA K RICHARDSON

**Original Accepted By:**

**Accepted Date:** 05/02/2019

**Original Accepted Date:**

## CDR Map

