

CONCEPT DEFINITION REPORT

Date: 02/25/2013

Region: SW PDS MADISON UNIT 2

Prepared By: RICHARDSON, LINDA KA - DOTLZP

GENERAL

Design ID: 1206 04 09

Related ID(s): 1206-04-79

Highway No. or Local Road Name: USH 012

Route length (miles): 1.92

Title/Limit: C MADISON, MADISON BELTLINE USH 18 TO CTH D

Functional class: FREEWAYS AND EXPRESSWAYS

Current ADT: 136792

Connecting hwy: N

COUNTIES

County name	Primary Flag
DANE	Y

FEATURES

Roadway conditions

Lanes: 3

Divided: Y

Rural: N

Pavement width (ft): 36

Pavement condition year: 0

Pavement surface type: ACPM/FB

IRI: 1.268

PDI:

PCI: 90.566

Left shoulder surface type: Rumble
strip - Bituminous

Right shoulder surface type:
Rumble strip - Bituminous

Shoulder width (ft): 10

Paved width (ft): 10

Crash rate: 153.2478

Crash rate year: 2011

Substandard align horiz: GOOD

Substandard align vert: GOOD

Crash rate improvement flag: Y

Injury death improvement flag: N

Runoff improvement flag: N

Intersection improvement flag: Y

Structures

Structures flag: N

Railroad Crossings

Railroad crossing flag: Y

Rail road crossing ID	Rail road Name	Warning device type code	Crossing surface type code	Warning device desc	Crossing surface type desc
178228U	WIS.& SOUTHERN RR				

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PROPOSED IMPROVEMENT

JUSTIFICATION: This concrete pavement is deteriorated and exhibits failed joints, mid-panel cracks, corner breaks, and surface distress. This pavement has been repaired a number of times. Ride quality is also becoming an issue.

Proposed improvement description: Overlay the travel lanes and shoulders. Overlay ramps as needed.

Environment documentation type: 2B - STATE DOCUMENTED CATEGORICAL EXCLUSION

Improvement concept: RESURFACING

Total construction estimate: \$5,000,000.00

Utility amount: \$0.00

Railroad amount: \$0.00

Design amount: \$250,000.00

Program year: 2019

Legislative subprogram: 303 -STATE HIGHWAY REHABILITATION

WisDOT Programs

BACKBONE

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 KA RICHARDSON

Original Accepted By:

Accepted Date: 02/25/2013

Original Accepted Date:

CDR Map

