

**TO: MAYOR AND CITY COUNCIL**

**FROM: NEIL JENSEN, City Administrator**

**SUBJECT: Municipal Consent Goodhue County Mill and Overlay in the City of Cannon Falls**

**MEETING DATE: November 16, 2021**

**BACKGROUND**

The city approved a small Mill and Overlay project with Goodhue County a few meetings back in the area of St. Clair and 9<sup>th</sup> Street. Goodhue County is doing a Mill and Overlay on most of the county roads in the city. In order to complete the project, the city must give municipal consent for the County to work in the city.

The Public Works Commission reviewed the project and unanimously recommend approval of the municipal consent request.

**STAFF RECOMMENDATION**

Please approve the municipal consent for Goodhue County to complete a Mill and Overlay project in various parts of the city.

**REQUESTED COUNCIL ACTION**

Please approve the municipal consent for Goodhue County to complete a Mill and Overlay project in various parts of the city.

**CITY OF CANNON FALLS  
GOODHUE COUNTY, MINNESOTA**

**RESOLUTION NUMBER 2589**

**A RESOLUTION APPROVING MUNICIPAL CONSENT PROJECT  
NO. SAP 025-617-005, ALONG COUNTY STATE-AID HIGHWAY NO. 17**

WHEREAS, plans for Project No. SAP 025-617-005 showing proposed alignment, profiles grades and cross-sections for the construction, reconstruction or improvement of County State-Aid Highway No. 17 within the limits of the City of Cannon Falls as a State Aid Project have been prepared and presented to the City.

NOW, THEREFORE, BE IT RESOLVED: That said plans be in all things approved.

**ADOPTED BY THE CITY COUNCIL OF THE CITY OF CANNON FALLS ON THIS 16<sup>th</sup> DAY OF  
NOVEMBER, 2021.**

**SIGNED:**

\_\_\_\_\_  
John O. Althoff, Mayor

**ATTEST:**

\_\_\_\_\_  
Neil L. Jensen, City Administrator

**CERTIFICATION**

State of Minnesota  
County of Goodhue

I hereby certify that the foregoing Resolution is a true and correct copy of a resolution presented to and adopted by the City Council of Cannon Falls at a meeting therefor held in the City of Cannon Falls, Minnesota, on the 16<sup>th</sup> day of November, 2021, as disclosed by the records of said City in my possession.

\_\_\_\_\_  
Neil L. Jensen, City Administrator

(Seal)

LEGEND

ROAD AND ROADWAY FEATURES

- PROJECTED ROAD
- PRIMITIVE ROAD
- UNIMPROVED ROAD
- GRADED AND DRAINED ROAD
- SOIL SURFACE ROAD
- GRAVEL OR STONE ROAD
- BITUMINOUS ROAD
- PAVED ROAD
- DIVIDED ROAD

ROAD SYSTEM DESIGNATIONS

- INTERSTATE TRUNK HIGHWAY
- U.S. NUMBERED TRUNK HIGHWAY
- STATE NUMBERED TRUNK HIGHWAY
- COUNTY STATE AID HIGHWAY
- COUNTY ROAD
- COUNTY STATE AID IN ADJOINING COUNTY

- TERMINATION OF DESIGNATED ROUTE
- INTERSTATE EXIT
- GREAT RIVER ROAD
- FEDERAL AID INTERSTATE SYSTEM
- NATIONAL FOREST HIGHWAY
- NATIONAL FOREST DEVELOPMENT
- INDIAN SERVICE ROAD
- STATE FOREST ROAD
- STATE PARK ROAD

STRUCTURES

- General Symbols (over 20' span)
- HIGHWAY BRIDGE
- SMALL BRIDGES CLOSELY SPACED
- DRAWBRIDGE

DRAINAGE

- INTERMITTENT STREAM
- NARROW STREAM
- WIDE STREAMS
- MARSH OR SWAMP LAND
- DRAINAGE DITCH
- LAKE OR POND

BOUNDARIES

- NATIONAL OR STATE COUNTY
- CIVIL TOWNSHIP
- CONGRESSIONAL TOWNSHIP (U.S. LAND)
- CORPORATE LINE
- SECTION LINE
- CONGESTED AREA
- NATIONAL OR STATE PARK
- NATIONAL OR STATE FOREST
- INDIAN RESERVATION
- GAME REFUGE
- AIRPORT
- WILDLIFE MANAGEMENT AREA (STATE) OR WATERFOWL AREA (FEDERAL)
- MATCH LINE BETWEEN ADJOINING SHEETS OF THE SAME COUNTY

UTILITY

- UNDERGROUND CABLE PEDESTAL
- BURIED ELECTRIC CABLE
- BURIED TELEPHONE CABLE
- BURIED FIBER OPTIC CABLE
- GAS LINE
- WATER LINE
- VALVE
- FIRE HYDRANT
- MANHOLE

FOR MORE PLANS AND UTILITIES SYMBOLS SEE TECHNICAL MANUAL

GOODHUE COUNTY  
C.S.A.H. 17

CONSTRUCTION PLAN FOR BITUMINOUS MILLING, BITUMINOUS RECLAMATION, BITUMINOUS SURFACING,  
BITUMINOUS SHOULDER & AGGREGATE SHOULDERING

LOCATED ON C.S.A.H. 17 BETWEEN THE WEST COUNTY LINE AND T.H. 20

STATE AID PROJECT NO. 025-617-005

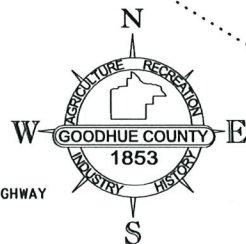
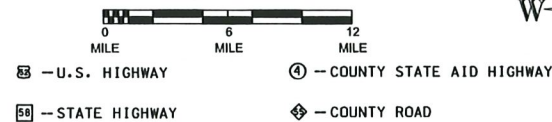
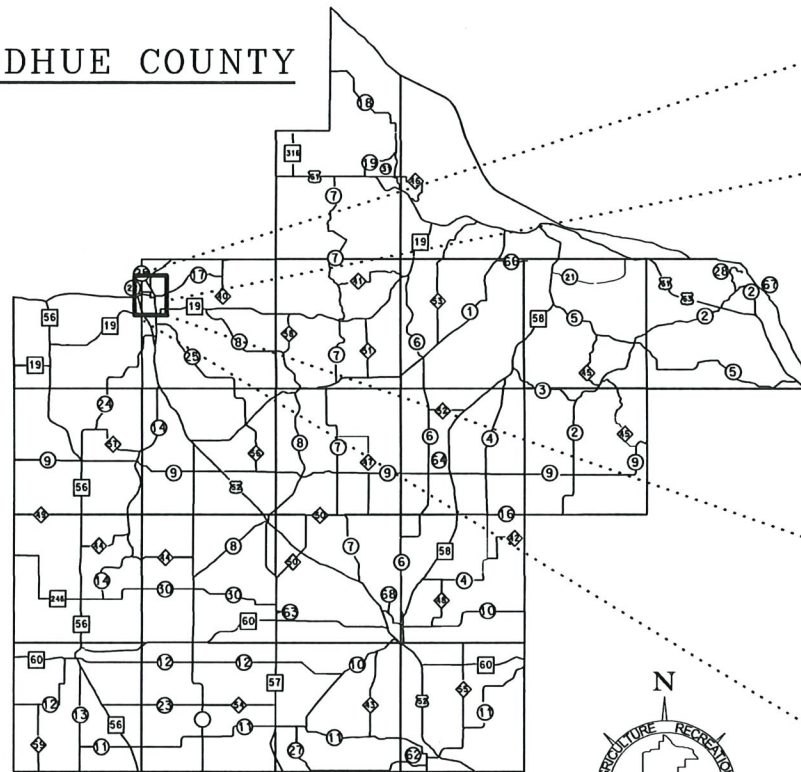
GROSS LENGTH	2550	FEET	0.483	MILES
BRIDGES-LENGTH	0	FEET	0	MILES
EXCEPTIONS-LENGTH	10	FEET	0.002	MILES
NET LENGTH	2550	FEET	0.481	MILES

LEGAL DESCRIPTION

FROM: WEST QUARTER CORNER SECTION 7, T112N, R17W.

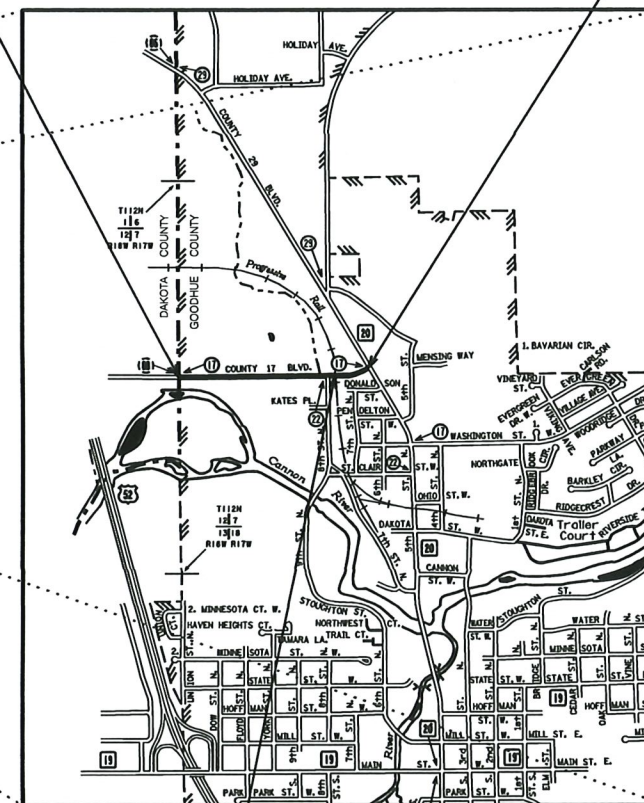
TO: 2540ft EAST OF THE WEST QUARTER CORNER SECTION 7, T112N, R17W.

GOODHUE COUNTY



BEGIN S.A.P. 025-617-005 STA. 13+00

END S.A.P. 025-617-005 STA. 38+50



RAILROAD EXCEPTION LENGTH = 10 FT



DESIGN DESIGNATION

FUNCTIONAL CLASS	MAJOR COLLECTOR
SHOULDER WIDTH	8'
R-VALUE	50
ADT (CURRENT YEAR)	2022 = 1780
ADT (FUTURE YEAR)	2042 = 1994
D (DIRECTIONAL DISTR.)	50/50 %
T (HEAVY COMMERCIAL)	4 %
TON DESIGN	10
N18 222,901 (20 YEAR FLEXIBLE DESIGN)	

FOR PLANS AND UTILITIES SYMBOLS SEE TECHNICAL MANUAL

STATE PROJ. NO. CHARGE IDENTIFIER

PROJECT LOCATION SCALES

COUNTY : GOODHUE PLAN 100'

DISTRICT : 6 PROFILE 100' HORIZ 10' VERT.

INDEX

1. TITLE SHEET
2. ESTIMATED QUANTITIES, STANDARD PLATES AND NOTES
3. TYPICAL SECTIONS
4. INTERMITTENT RUMBLE STRIP DETAIL

THIS PLAN CONTAINS 4 SHEETS

DESIGN ENGINEER: I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

SIGNATURE *Jess Greenwood*  
JESS GREENWOOD - GOODHUE COUNTY DESIGN ENGINEER

DATE 26 OCT. 2021 LIC. NO. 49150

*August Sabour* 26 OCT. 21  
APPROVED GOODHUE COUNTY ENGINEER DATE

DISTRICT STATE AID ENGINEER: REVIEWED FOR COMPLIANCE WITH STATE-AID RULES/POLICIES DATE

STATE AID ENGINEER: APPROVED FOR STATE AID AND FEDERAL AID FUNDING DATE

PLAN REVISIONS

DATE	SHEET NO.	APPROVED BY

I HEREBY CERTIFY THAT THE FINAL FIELD REVISIONS, IF ANY, OF THIS PLAN WERE MADE BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

DATE LIC. NO.

PLOTTED/REVISED: 25-OCT-2021 07:51

PATH & FILENAME: P:\CO\_ROADS\ITCSAH\617-005 2022Paving\EstQuant.typ.dgn MODEL EST\_QUANT

**ESTIMATED QUANTITIES**

NOTES	ITEM NO.	ITEM	UNIT	TOTAL QUANTITY
	2021.501	MOBILIZATION	LS	1
1	2123.510	MOTOR GRADER	HR	5
2, 6	2215.504	FULL DEPTH RECLAMATION (P)	SY	8267
	2232.504	MILL BITUMINOUS SURFACE (2.0") (P)	SY	11432
4	2232.603	MILLED RUMBLE STRIPS - INTERMITTENT	LF	3840
	2357.506	BITUMINOUS MATERIAL FOR TACKCOAT	GAL	914
	2360.509	TYPE SP 12.5 WEARING COURSE MIXTURE (2,C)	TON	2629
	2360.601	BITUMINOUS PAVEMENT DENSITY INCENTIVE	EACH	7108
	2563.601	TRAFFIC CONTROL	LS	1
5	2582.503	4" SOLID LINE PAINT	LF	2345
5	2582.503	6" SOLID LINE PAINT	LF	5174

NOTES:


1. TO BE USED AS DIRECTED BY THE ENGINEER TO STABILIZE THE SUBGRADE IF IT IS DETERMINED BY THE ENGINEER THAT THE FAILURE IS NOT DUE TO CONTRACTOR OPERATIONS.
2. FULL DEPTH RECLAMATION SHALL PULVERIZE THE IN-PLACE SECTION TO THE DEPTHS AND WIDTHS SHOWN OF THE TYPICAL SECTIONS, OR TO A DEPTH AND WIDTH APPROVED BY THE ENGINEER IN THE FIELD. THESE QUANTITIES INCLUDE RECLAMATION AT INTERSECTIONS AND DRIVEWAYS. SEE SPECIAL PROVISIONS FOR MORE INFORMATION.
3. THE SPECIAL PROVISIONS AFFORD THE CONTRACTOR THE OPTION OF PROVIDING EITHER CLASS 1 OR CLASS 5 AGGREGATE SHOULDERING MATERIAL. SEE SPECIAL PROVISIONS FOR DETAILS.
4. TO BE PLACED BETWEEN STATION 13+00 TO 32+20 (RURAL SECTION) INCLUDES FOG SEALING ON MILLED RUMBLE STRIPS. SEE DETAIL ON SHEET 4 FOR MORE INFORMATION.
5. 4" SOLID LINE = YELLOW, 6" SOLID LINE = WHITE (SHALL BE PLACED AT 12' FROM CENTER)
6. INCLUDES REMOVAL OF EXCESS RECLAIMED MATERIAL BETWEEN STA. 32+20 AND STA. 38+50. THIS MATERIAL SHALL BE USED FOR AGGREGATE BASE SHOULDERING, ANY EXCESS SHALL BECOME THE PROPERTY OF THE CONTRACTOR. ALL WORK TO TRANSPORT AND PLACE AGGREGATE BASE SHOULDERING IN ACCORDANCE WITH MnDOT SPEC 2221 SHALL BE INCIDENTAL TO FULL DEPTH RECLAMATION (ITEM 2215.504)

STANDARD PLATES	
THE FOLLOWING STANDARD PLATES, APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION, SHALL APPLY	
PLATE NO.	DESCRIPTION
8000K	CHANNELIZERS
9000E	APPROACHES AND ENTRANCES - MINIMUM STANDARDS

BASIS FOR ESTIMATED QUANTITIES:	
WEARING COURSE MIXTURE	115 LB / SQ.YD. / IN
BITUMINOUS MATERIAL FOR TACK COAT	.08 GAL / SQ. YD.

UTILITY INFORMATION

THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL D. THIS QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF CI/ASCE 38-2, ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA".

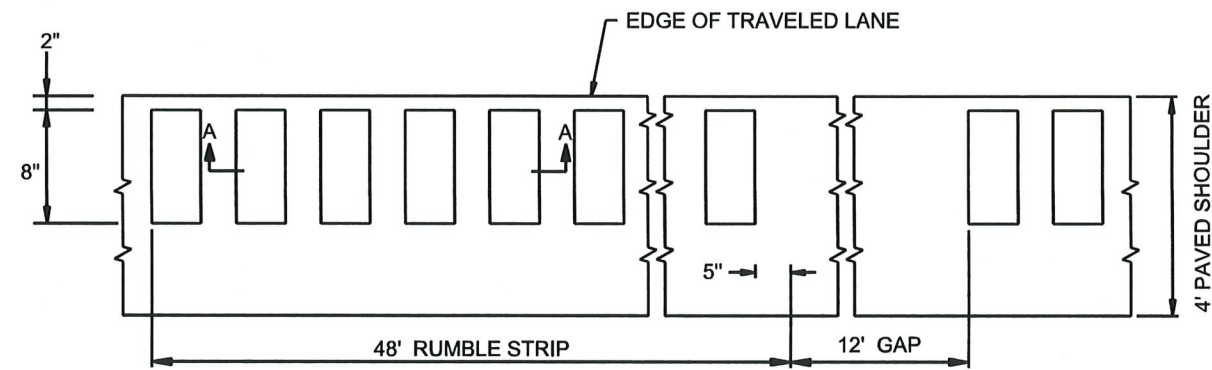
I HEREBY CERTIFY THAT THIS PLAN SHEET WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.  
 DATE 26 OCT. 2021 LIC. NO. 49150 ENGINEER 

GOODHUE COUNTY  
 DEPARTMENT OF PUBLIC WORKS

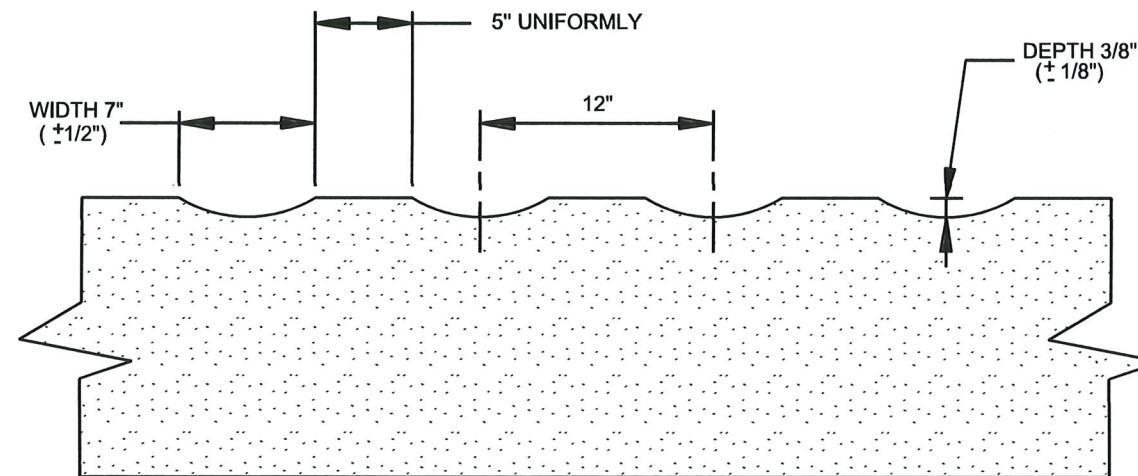
ESTIMATED QUANTITIES, STANDARD PLATES, AND NOTES  
 S.A.P. NUMBER 025-617-005 (C.S.A.H. 17) SHEET NO. 2 OF 4 SHEETS

# RUMBLE STRIP - INTERMITTENT CYCLE

## PLAN VIEW



## SECTION A-A



P:\CO.ROADS\17CSAH\617-005 2022Paving\Rumblestrip\ip17.dgn MODEL RUMBLE STRIP  
 PATH & FILENAME:

I HEREBY CERTIFY THAT THIS PLAN SHEET WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT  
 I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.  
 DATE 26 OCT. 2021 LIC. NO. 49150 ENGINEER Joe J. Henneman

GOODHUE COUNTY  
 DEPARTMENT OF PUBLIC WORKS

INTERMITTENT RUMBLE STRIP DETAIL

S.A.P. NUMBER 025-617-005 (C.S.A.H. 17) SHEET NO. 4 OF 4 SHEETS