

# MINNESOTA DEPARTMENT OF TRANSPORTATION LINCOLN COUNTY CONSTRUCTION PLAN FOR MISCELLANEOUS BITUMINOUS PATCHES

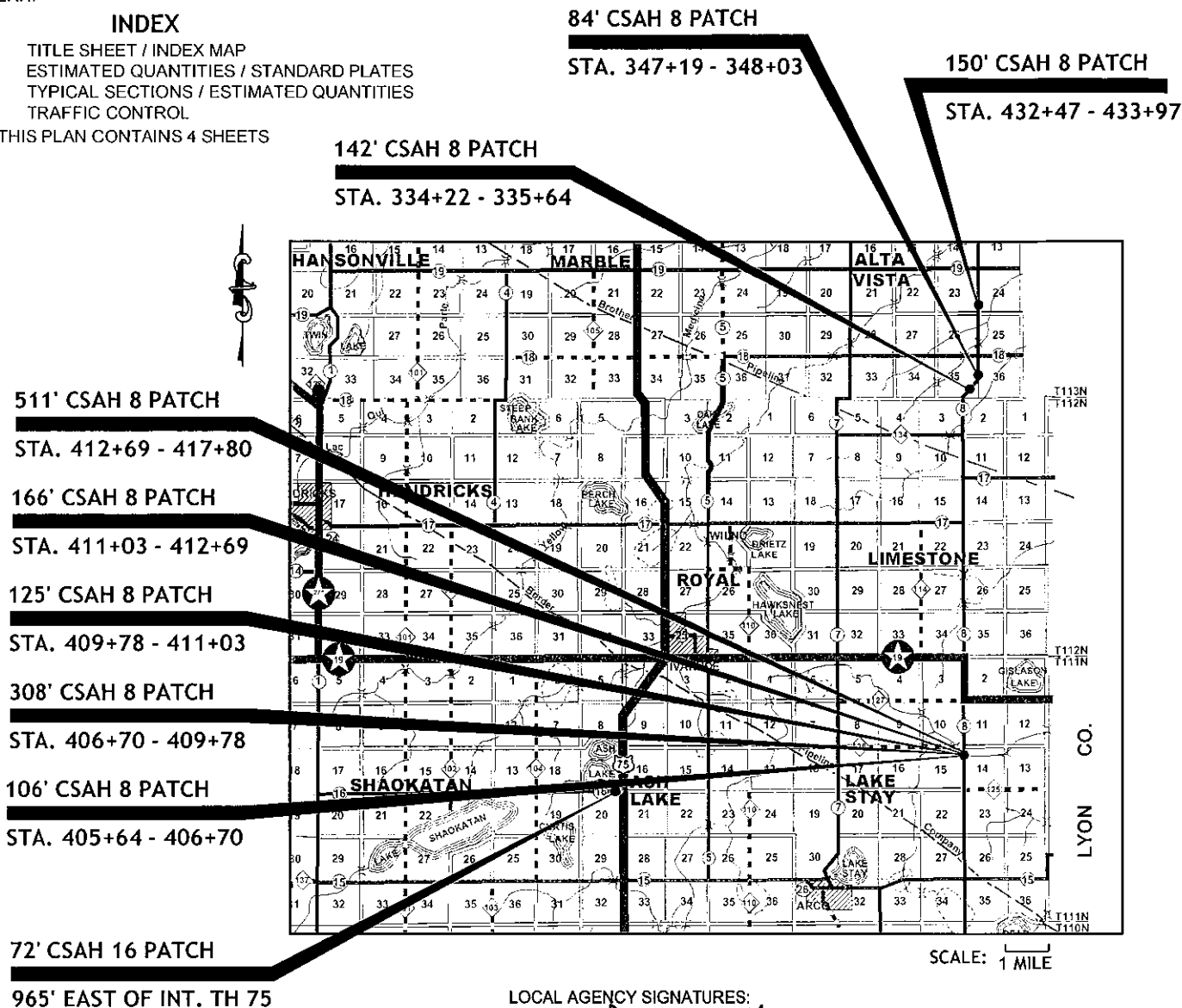
## SPECIFICATIONS

THE 2020 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN.

## INDEX

SHEET 1 TITLE SHEET / INDEX MAP  
SHEET 2 ESTIMATED QUANTITIES / STANDARD PLATES  
SHEET 3 TYPICAL SECTIONS / ESTIMATED QUANTITIES  
SHEET 4 TRAFFIC CONTROL

THIS PLAN CONTAINS 4 SHEETS



## LOCAL AGENCY SIGNATURES:

Signature: Joseph M. Wilson Typed or Printed Name: JOSEPH M. WILSON,  
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.

Date: 4-11-25

License Number: 54947

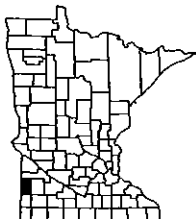
Approved: Joseph M. Wilson 4-11-2025  
Lincoln County Engineer

District State-Aid Engineer: Reviewed for Compliance with State-Aid Rules/Policy

State-Aid Engineer: Approved for State-Aid Funding

## SAP 041-030-020

GROSS LENGTH	1664.0 FT.	0.315 MI.
BRIDGES LENGTH	0.0 FT.	0.000 MI.
EXCEPTIONS LENGTH	0.0 FT.	0.000 MI.
NET LENGTH	1664.0 FT.	0.315 MI.



SAP NO. 041-030-020

SHEET NO. 1 OF 4 SHEETS

# ESTIMATED QUANTITIES

NOTES	ITEM NUMBER	ITEM	UNIT	TOTAL ESTIMATED QUANTITIES
	2021.501	MOBILIZATION	LUMP SUM	1
1	2104.607	SALVAGE AGGREGATE	CU YD	487
2	2360.509	TYPE SP 12.5 WEARING COURSE MIXTURE (2,B)	TON	1315
	2563.601	TRAFFIC CONTROL	LUMP SUM	1

## NOTES:

1. THE CONTRACTOR SHALL MILL 10 FT. TAPERS FROM A DEPTH OF 0" TO A DEPTH OF 5.5 - 6.5" AT CULVERT LOCATIONS. PLACEMENT OF 5.5 - 6.5" BITUMINOUS SHALL OCCUR IMMEDIATELY AFTER MILLING. ALL WORK SHALL BE PERFORMED IN A MANNER THAT ALLOWS TRAFFIC TO FLOW THROUGH THESE AREAS. MILLING SHALL BE INCIDENTAL TO SALVAGE AGGREGATE.
2. BITUMINOUS TACK MATERIAL SHALL BE INCLUDED IN THE BID PRICE OF TYPE SP 12.5 WEARING COURSE MIXTURE (2,B). THE CONTRACTOR SHALL REFER TO APPLICATION RATES SPECIFIED IN TABLE 2357.3-1 IN THE MNDOT STANDARD SPECIFICATIONS FOR CONSTRUCTION.

# QUANTITY TABLES / STANDARD PLATES

## BASIS FOR PLANNED QUANTITIES

TYPE SP 12.5 WEARING COURSE MIXTURE (2,B)	110 LBS. / INCH SQ. YD.
---	-------------------------

## (2104) SALVAGE AGGREGATE QUANTITIES

CSAH 8 - PATCHES BETWEEN CR 126 AND CR 125	315	TON
CSAH 8 - PATCHES BETWEEN 340TH STREET AND 360TH STREET	151	TON
CSAH 16 - PATCH BETWEEN 180TH AVENUE AND TH 75	21	TON

## (2360) BITUMINOUS QUANTITIES

CSAH 8 - PATCHES BETWEEN CR 126 AND CR 125	934	TON
CSAH 8 - PATCHES BETWEEN 340TH STREET AND 360TH STREET	331	TON
CSAH 16 - PATCH BETWEEN 180TH AVENUE AND TH 75	50	TON

THE FOLLOWING STANDARD PLATES APPROVED BY THE  
FEDERAL HIGHWAY ADMINISTRATION SHALL APPLY ON THIS  
PROJECT.

STANDARD PLATES	
PLATE NO.	DESCRIPTION
8000K	TEMPORARY CHANNELIZERS
9000E	APPROACHES AND ENTRANCES

THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN  
IS THE UTILITY QUALITY LEVEL D. THIS UTILITY QUALITY LEVEL  
WAS DETERMINED ACCORDING TO THE GUIDELINES OF  
CII/ASCE 38-22, ENTITLED, "STANDARD GUIDELINES FOR  
INVESTIGATING AND DOCUMENTING EXISTING UTILITIES."

CERTIFIED BY Joseph M. [Signature]  
LICENSSED ENGINEER

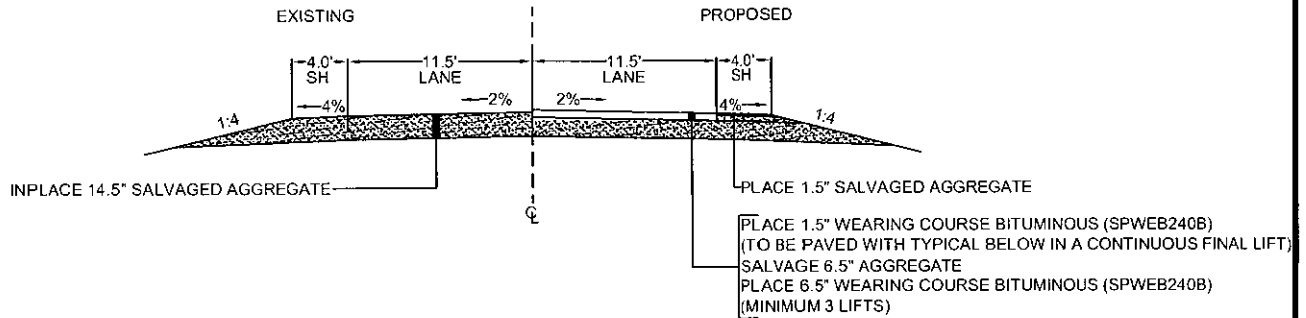
LIC. NO. 54947 DATE: 4-11-25

SAP 041-030-020  
SHEET NO. 2 OF 4 SHEETS

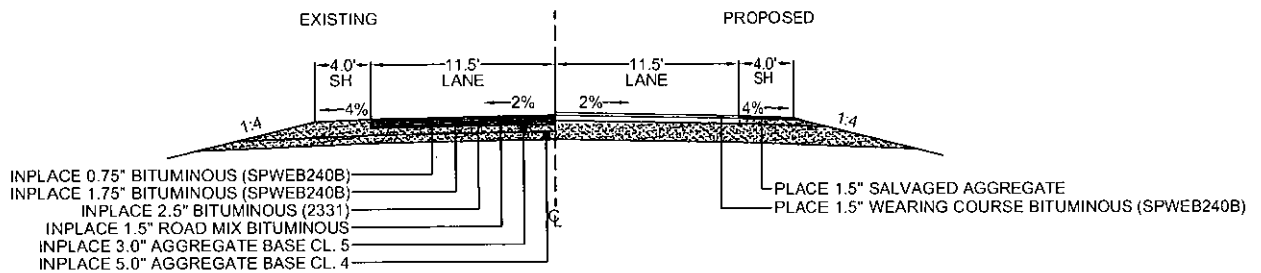
# TYPICAL SECTIONS

CSAH 8 PATCHES BETWEEN CR 126 AND CR 125  
 STA. 405+64 TO STA. 406+70  
 STA. 409+78 TO STA. 411+03  
 STA. 412+69 TO STA. 417+80

NO SCALE

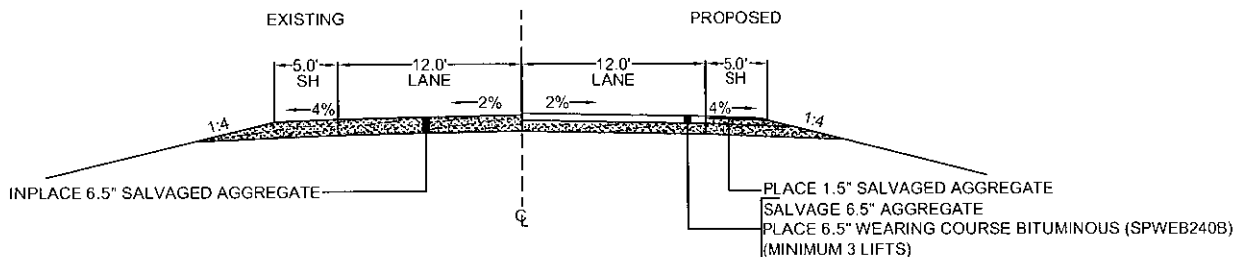


CSAH 8 PATCHES BETWEEN CR 126 AND CR 125  
 STA. 406+70 TO 409+78  
 STA. 411+03 TO 412+69



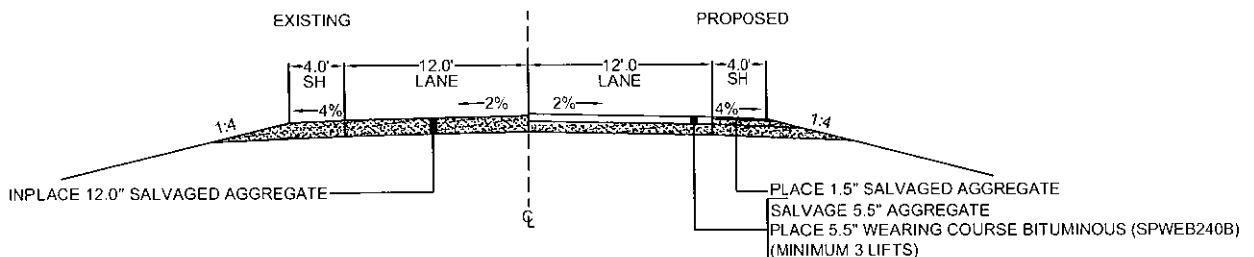
CSAH 8 PATCHES BETWEEN 340TH STREET AND 360TH STREET  
 STA. 334+22 TO STA. 335+64  
 STA. 347+19 TO STA. 348+03  
 STA. 432+47 TO 433+97

NO SCALE



CSAH 16 PATCH BETWEEN 180TH AVENUE AND TH 75  
 72'

NO SCALE



CERTIFIED BY

*Joseph M. Hiltner*  
 LICENSED ENGINEER

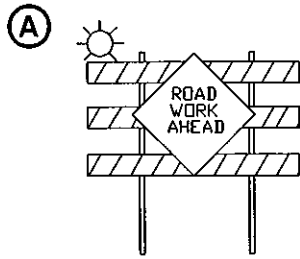
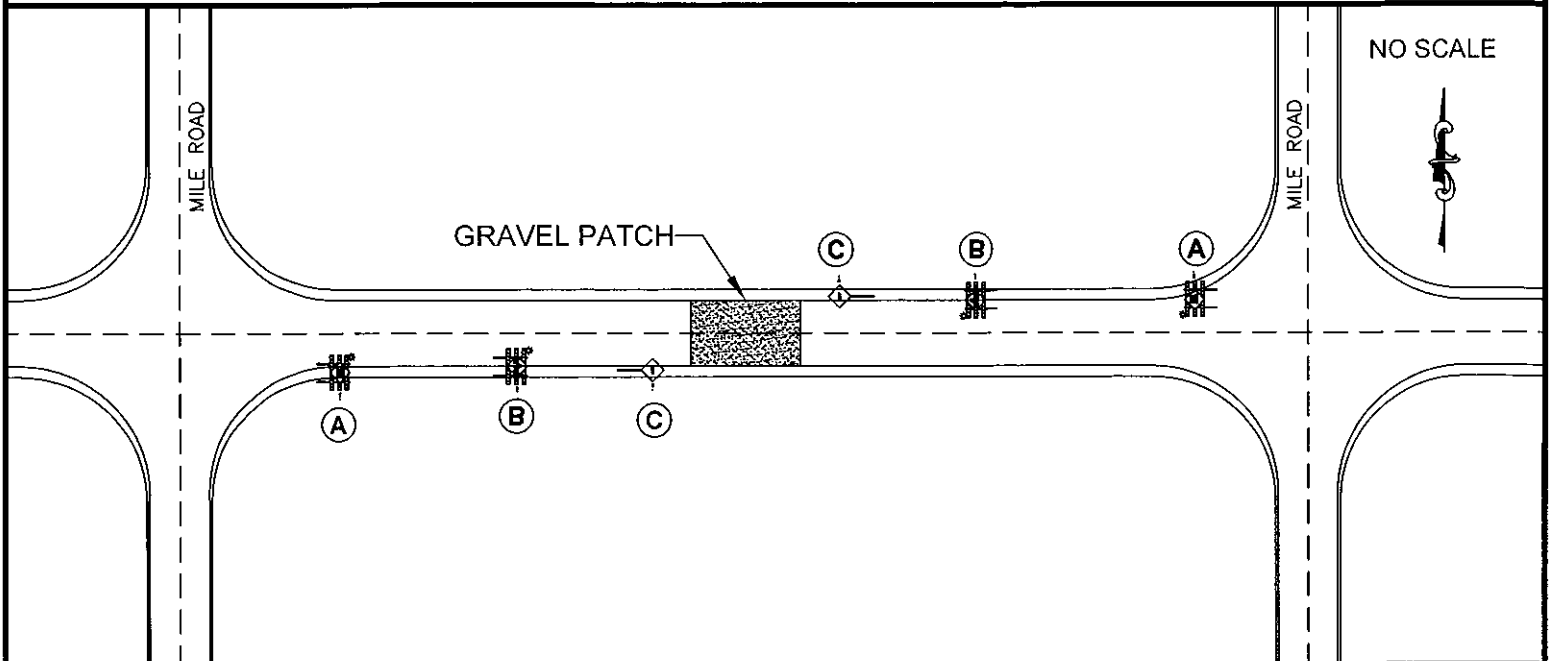
LIC. NO. 54947

DATE: 4-11-25

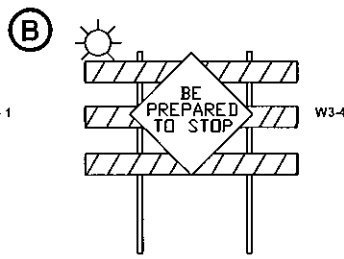
SAP 041-030-020

SHEET NO. 3 OF 4 SHEETS

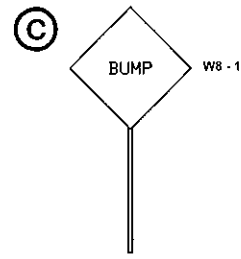
# TYPICAL TRAFFIC CONTROL



2 LOCATIONS



2 LOCATIONS



2 LOCATIONS

SIGN	SIGN NO.	QUANTITY	SIZE	COLOR	FLASHERS
	TYPE III BARRICADE	4	60" X 48"	ORANGE ON WHITE	4
	W20 - 1	2	36" X 36"	BLACK ON ORANGE	
	W3-4	2	36" X 36"	BLACK ON ORANGE	
	W8-1	2	36" X 36"	BLACK ON ORANGE	

THE ATTACHED LAYOUT AND TABULATION SHOULD BE CONSIDERED A MINIMUM. ADDITIONAL SIGNING MAY BE REQUIRED TO MEET SAFETY STANDARDS BASED ON THE CONTRACTOR'S OPERATIONS.

ALL NECESSARY TRAFFIC CONTROL DEVICES ON THIS PROJECT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE LATEST MnMUTCD, INCLUDING THE LATEST FIELD MANUAL FOR TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS.

CERTIFIED BY

*Joseph M. White*  
LICENSED ENGINEER

LIC. NO.

54947

DATE:

4-11-25

SAP 041-030-020

SHEET NO. 4 OF 4 SHEETS