



SCALE

HOR. 1" = 330'
VER. 1" = 330'

MINNESOTA DEPARTMENT OF TRANSPORTATION

CONSTRUCTION PLAN FOR: PLANT MIXED BITUMINOUS WEARING COURSE

COUNTY STATE AID HIGHWAY 47

BETWEEN CSAH 1 AND HOWARD STREET
FROM: A POINT 1592' EAST OF CENTER OF SEC. 28-105-44
TO: A POINT 1592' EAST AND 830' NORTH OF CENTER OF SEC. 28-105-44
IN THE CITY OF EDGERTON

PROJECT NO. S.A.P. 059-647-001

GROSS LENGTH 830.00 FEET 0.157 MILES
BRIDGES LENGTH --- FEET --- MILES
EXCEPTIONS LENGTH --- FEET --- MILES
NET LENGTH 830.00 FEET 0.157 MILES

INDEX OF SHEETS

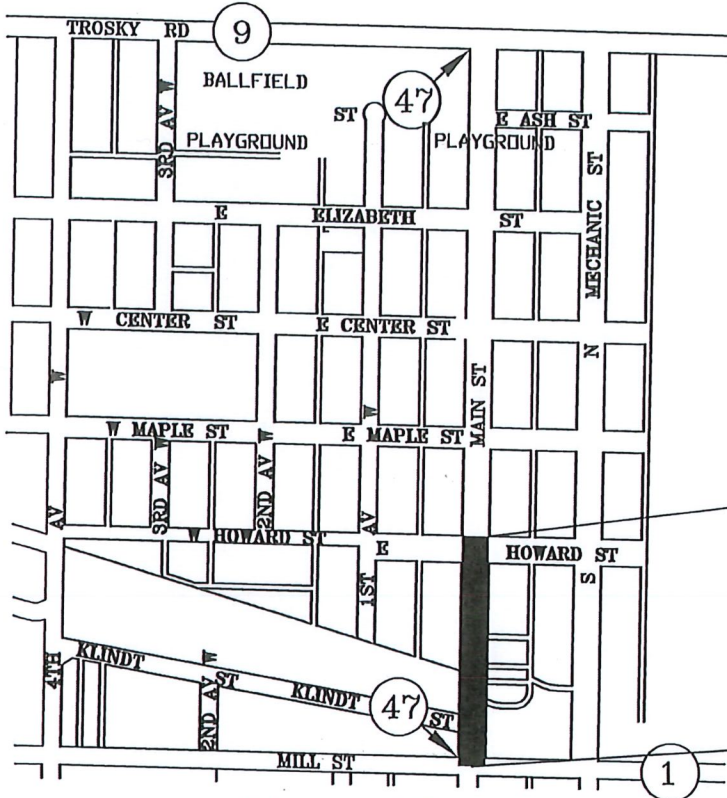
SHEET NO. 1 TITLE SHEET AND LAYOUT MAP
SHEET NO. 2 ESTIMATED QUANTITIES
SHEET NO. 3 TYPICAL SECTIONS AND DETAILS

THIS PLAN CONTAINS 3 SHEETS

END S.A.P. 059-647-001
STA. 8+30

SURFACED UNDER C.P. 91-017 (1991)
SURFACED UNDER S.A.P. 59-617-15 (2010)

BEGIN S.A.P. 059-647-001
STA. 0+00



Edgerton, MN

STOPPING SIGHT DISTANCE
BASED ON:
3.5' HEIGHT OF EYE
2.0' HEIGHT OF OBJECT

FUNCTIONAL CLASSIFICATION
MAJOR COLLECTOR
2 12' TRAFFIC LANES
2 10' TO 24.5' PARKING LANES

DESIGN DESIGNATION

MUNICIPAL

ADT 1703 (2025)
ADT 2554 (2045)

HCADT (HEAVY COMMERCIAL) <150

9 Ton DESIGN "R" VALUE 130 %S.F.

EN18 --- FINISHED SHOULDER WIDTH ---

DESIGN SPEED 30

DESIGN SPEED NOT ACHIEVED AT:

STA. --- TO STA. --- MPH ---

GOVERNING SPECIFICATIONS

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

ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND ORDINANCES WILL BE COMPLIED WITH, IN THE CONSTRUCTION OF THIS PROJECT.

SIGNATURE: [Signature] PRINTED NAME: NICHOLAS G. BERGMAN

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: 12/6/2024 LICENSE NUMBER: 50636

APPROVED: PIPESTONE COUNTY ENGINEER

Todd Broadwell Digitally signed by Todd Broadwell
Date: 2024.12.09 11:48:15 -06'00'

DISTRICT STATE AID ENG. REVIEWED FOR COMPLIANCE WITH STATE-AID RULES/POLICY

Todd Broadwell Digitally signed by Todd Broadwell
Date: 2024.12.09 11:48:52 -06'00'

STATE AID ENGINEER: APPROVED FOR STATE AID FUNDING

MINN. PROJ. NO. --- COUNTY PROJ. NO. ---

STATE PROJ. NO. --- S.A.P. 059-647-001

ESTIMATED QUANTITIES

SPEC. NUMBER	ITEM	UNIT	MUNICIPAL PARTIC.	TOTAL QUANTITY
2357.506	BITUMINOUS MATERIAL FOR TACK COAT	GAL.	603	603
2360.509	TYPE SP 12.5 WEARING COURSE MIXTURE (2,B)	TON	664	664
2504.602	ADJUST VALVE BOX - WATER	EACH	4	4
2506.502	ADJUST FRAME AND RING CASTING	EACH	2	2

BASIS FOR PLANNED QUANTITIES

MIXTURE FOR 2" WEARING COURSE (220 LBS. / SQ. YD.)

BITUMINOUS MATERIAL FOR TACK COAT, EACH APPLICATION (0.10 GAL. / SQ. YD.) (EST.) MILLED AREAS

3 INTERSECTIONS

ITEM 2357.506 INCLUDES 40 GAL. FOR INTERSECTIONS AND ENTRANCES

ITEM 2360.509 INCLUDES 44 TONS FOR INTERSECTIONS AND ENTRANCES

ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE LATEST MMUTCD, INCLUDING THE LATEST FIELD MANUAL FOR TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS. THE CONTRACTOR SHALL FURNISH, INSTALL, MAINTAIN, AND REMOVE ALL TRAFFIC CONTROL DEVICES REQUIRED TO PROVIDE SAFE MOVEMENT OF VEHICULAR AND/OR PEDESTRIAN TRAFFIC PASSING THROUGH THE WORK ZONE DURING THE LIFE OF THE CONTRACT OPERATIONS TO THE FINAL COMPLETION THEREOF. THE ENGINEER WILL HAVE THE RIGHT TO MODIFY THE REQUIREMENTS FOR TRAFFIC CONTROL AS DEEMED NECESSARY DUE TO EXISTING FIELD CONDITIONS. THE COST FOR SAID SIGNAGE SHALL BE INCIDENTAL.

UTILITIES: GOPHER STATE ONE CALL 1-800-252-1166

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

CONTRACTORS SHALL CONTACT PUBLIC UTILITIES PRIOR TO CONSTRUCTION, SO THAT LOCATIONS OF ALL UNDERGROUND OR ABOVE GROUND FACILITIES ARE IDENTIFIED AND RELOCATED IF NECESSARY SO AS NOT TO CONFLICT WITH CONSTRUCTION OPERATIONS.

STANDARD PLATES

THE FOLLOWING STANDARD PLATES AS APPROVED BY THE F.H.W.A. SHALL APPLY ON THIS PROJECT

PLATE NO.	DESCRIPTION
800K	TEMPORARY CHANNELIZERS

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT 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.

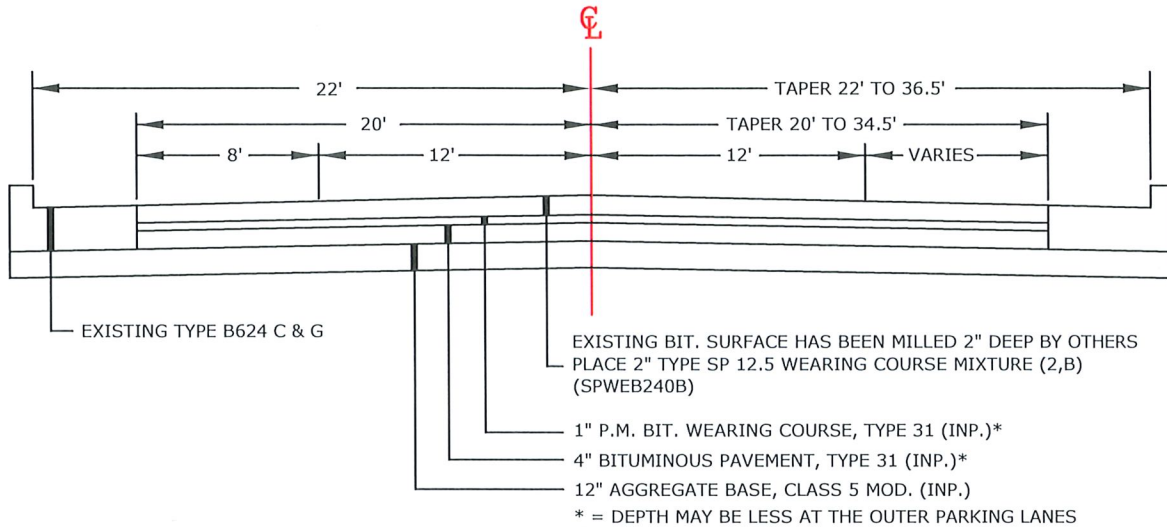
SIGNATURE:  PRINTED NAME: NICHOLAS G. BERGMAN

DATE: 12/6/2024 LICENSE NUMBER: 50636

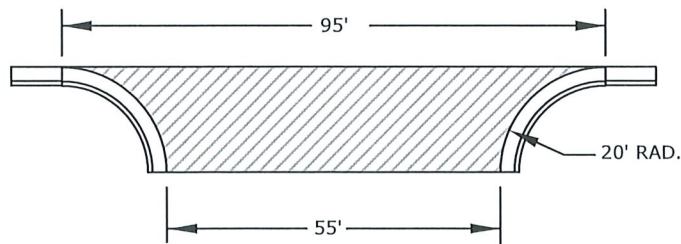
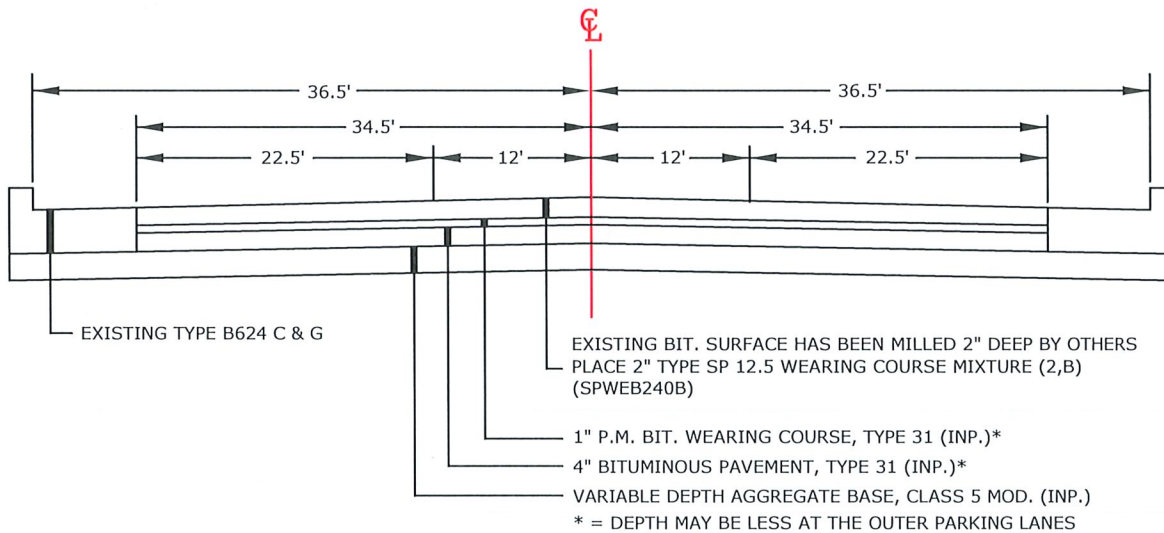
TYPICAL SECTIONS

(NOT TO SCALE)

STA. 0+00 TO STA. 3+00



STA. 3+00 TO STA. 8+30



INTERSECTION
132 SQ. YD.

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NOTE: ALL DIMENSIONS AND SLOPES ON TYPICAL SECTIONS AND DETAILS ARE APPROXIMATE. FIELD CONDITIONS MAY REQUIRE SOME VARIATION FROM THAT SHOWN.

SIGNATURE: Nicholas G. Bergman PRINTED NAME: NICHOLAS G. BERGMAN

DATE: 12/6/2024 LICENSE NUMBER: 50636