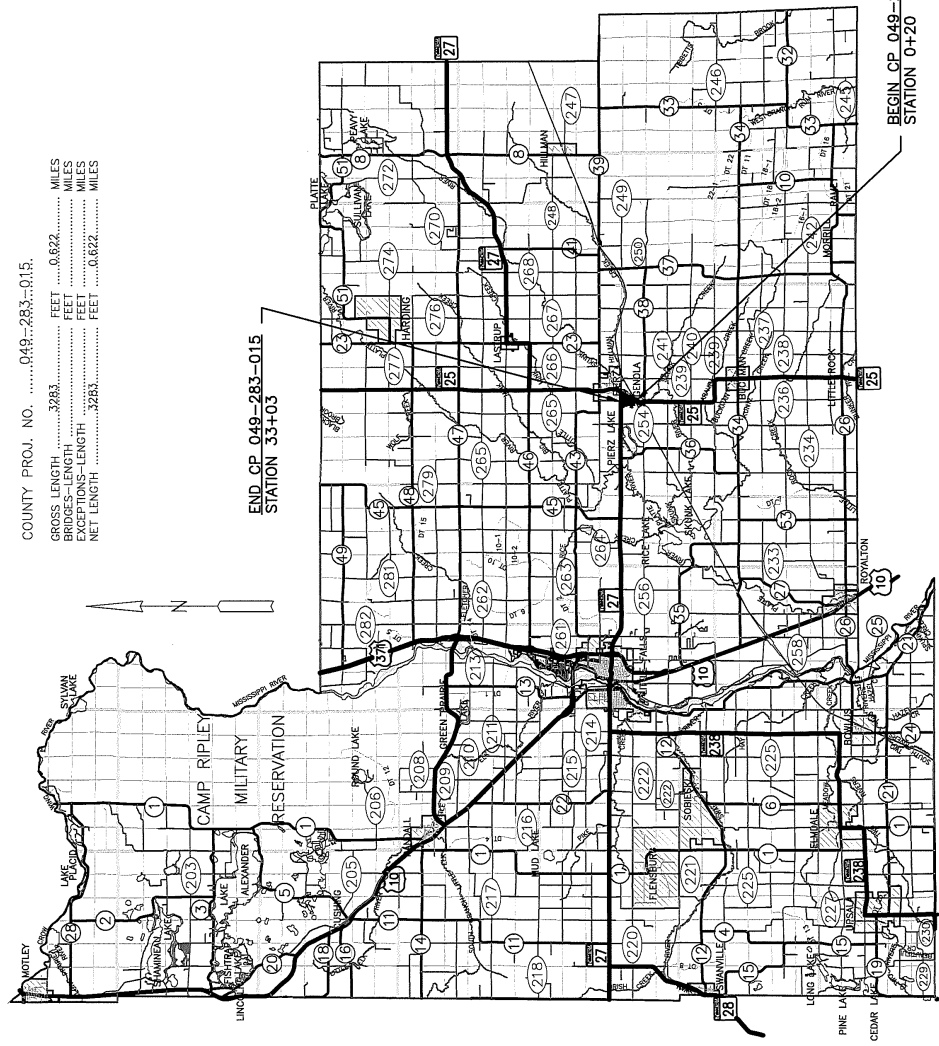


MINNESOTA DEPARTMENT OF TRANSPORTATION MORRISON COUNTY

CONSTRUCTION PLAN FOR GRADING, AGGREGATE, BASE, BITUMINOUS SURFACE, CONCRETE CURB & GUTTER, STORM SEWER,

LOCATED ON CR. 283, BETWEEN JH. 25 AND JH. 27, (N. GENOLA)..... (Geographic Description)
 FROM 685' SOUTH OF THE EAST 1/4 COR. SEC. 18, T.40N., R.30W. (Legal Description)
 TO THE NE. COR. SEC. 18, T.40N., R.30W...... (Legal Description)

COUNTY PROJ. NO.049-283-015.
 CROSS LENGTH3283..... FEET0.622..... MILES
 BRIDGES-LENGTH FEET MILES
 EXCEPTIONS-LENGTH FEET MILES
 NET LENGTH3283..... FEET0.622..... MILES



PLAN SYMBOLS

STATE LINE	---
COUNTY LINE	---
TOWNSHIP OR RANGE LINE	---
SECTION LINE	---
QUARTER LINE	---
QUARTER LINE	---
SECTION LINE	---
RIGHT-OF-WAY LINE	---
TEMPORARY EASEMENT	---
PRESIDENT RIGHT-OF-WAY LINE	---
CONTROL OF ACCESS LINE	---
PROPERTY UNDEVELOPED LAND LINES	---
VACATED PLAYED PROPERTY	---
CORPORATE OR CITY LIMITS	---
ROADWAY CENTERLINE	---
RETAINING WALL	---
RAILROAD	---
RAILROAD RIGHT-OF-WAY LINE	---
DRY RUN	---
DRAINAGE DITCH	---
DRAIN TILE	---
CULVERT	---
DROP INLET	---
GUARD RAIL	---
BARBED WIRE FENCE	---
WOODEN WIRE FENCE	---
CHAIN LINK FENCE	---
RAILROAD SNOW FENCE	---
STONE WALL OR FENCE	---
RAILROAD CROSSING SIGNAL	---
CROSSING DATE	---
WEAVER CORNER	---
SPRING	---
TOWER	---
CRICHIARD	---
MURPHY	---
BRIDGE	---
BUILDINGS (STONE FRAMED)	---
F-PAVE C-CONCRETE	---
F-BRICK S-GLASS	---
IRON PIPE OR ROD	---
MONUMENTSTONE, CONCRETE, OR METAL	---
WOODEN PILE	---
GRAVEL PIT	---
SAND PIT	---
BORROW PIT	---
ROCK QUARRY	---

UTILITIES SYMBOLS

POWER POLE LINE	---
TELEPHONE OR TELEGRAPH	---
WATER MAIN	---
STEEL TOWER	---
STREET LIGHT	---
PRESUBSTATION (CABLE TERMINAL)	---
GAS MAIN	---
WATER MAIN	---
BURIED TELEPHONE CABLE	---
BURIED ELECTRIC CABLE	---
BURIED FIBER OPTIC CABLE	---
OVERHEAD ELECTRIC LINES	---
OVERHEAD FIBER OPTIC CABLE	---
OVERHEAD GAS (STEEL)	---
SEWER MAIN	---
CATCH BASIN	---
FIRE HYDRANT	---
WATER VALVE	---
1/4 SECTION CORNER	---
SECTION CORNER	---

SCALE
 PLAN 1" = 100'
 PROFILE 1" = 10'

MINN. PROJ. NO.
 GOVERNING SPECIFICATIONS
 THE 2016 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION
 "STANDARD SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN.

INDEX

TITLE SHEET	.....
ESTIMATED QUANTITIES & NOTES	.....
PROFILES	.....
CULVERT CHART	.....
EARTHWORK & BASIS OF QUANTITIES	.....
SURFACING & REMOVAL CHARTS	.....
STORM SEWER & CASTING	.....
ASSEMBLY SCHEDULE	.....
SEWER & WATER UTILITIES	.....
DETAILS	.....
PLAN & PROFILE	.....
STORM SEWER PLAN & PROFILE	.....
CITY UTILITY REVISIONS	.....
SWPPP NARRATIVE	.....
SHEET NO. 1-17	.....
SHEET NO. 18-19	.....
SHEET NO. 20-27	.....
CROSS SECTIONS	.....

THIS PLAN CONTAINS 27 SHEETS

DESIGN DESIGNATION

RURAL RECONSTRUCTION
 STA 0+20 TO 33+03

ADT (2019) = ..788.....
 Proj ADT (2039) = 940.....
 Proj HCADT (2039) = 85.....
 IABT ..274,400.....
 R VALUE ..50.....
 10 TON DESIGN LOCAL.....
 Functional Class LOCAL.....
 2 TRAFFIC LANES - 11' PER LANE
 Shoulder Width 6'-BIT, 1'-AGG.....
 Design Speed ..55... MPH
 Based on Stopping Sight Distance
 Height of eye 3.5' Height of Object 2.0'
 Design Speed not achieved at:
 STA. 0+20..... TO STA. 11+00..... MPH 30A.....
 *LOCALLY RESTRICTED

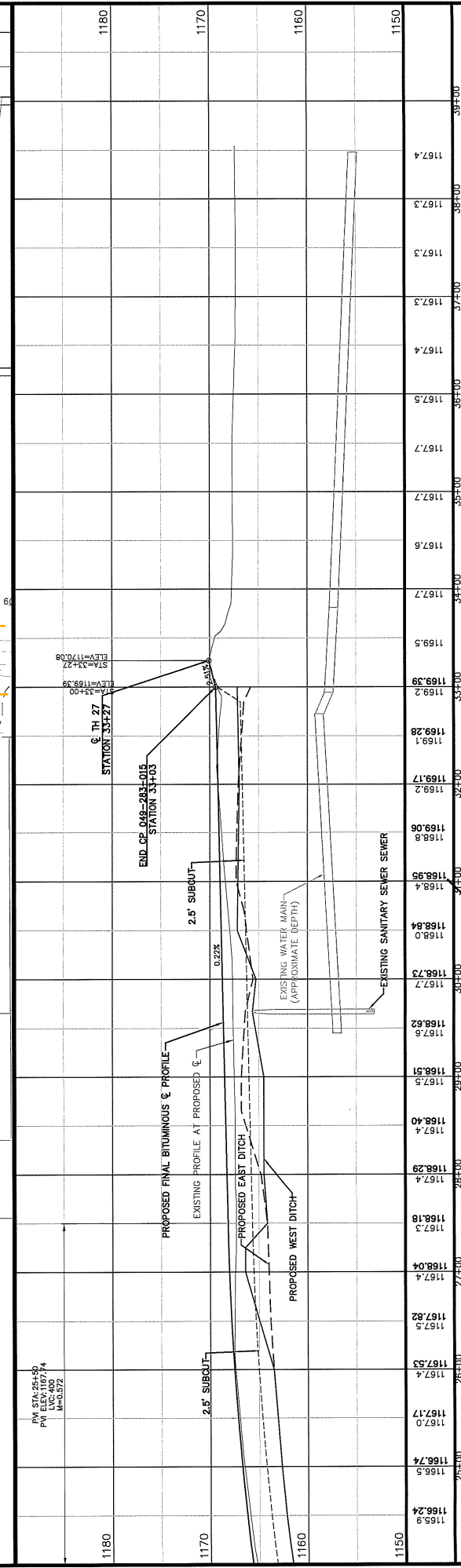
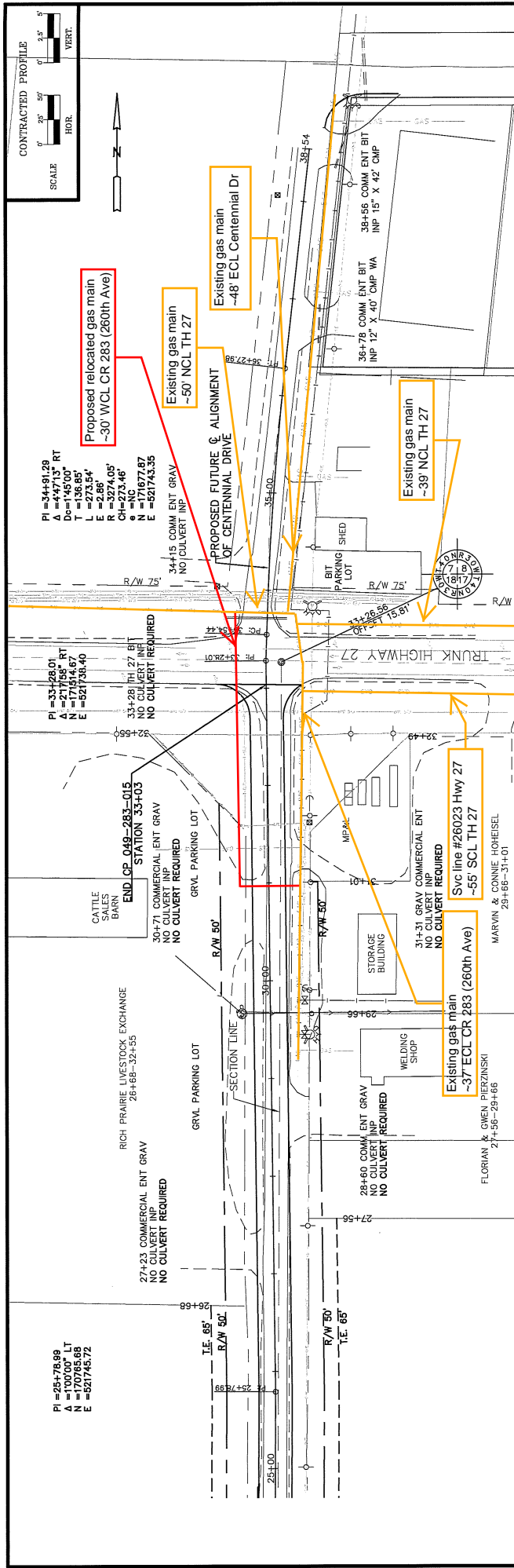
GEODETIC INFORMATION

NGS NAME 4905.B
 NAD83(2011) GEODETIC POSITION
 MORRISON COUNTY COORDINATES X 5166009.378 Y 1716664.059
 NAD83 ORTHOMETRIC HEIGHT
 ELEVATION= 1131.421

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

A.C.B.
 STEVEN C. BACKOWSKI LICENSE NO 18286 DA 2/1/20
 COUNTY ENGINEER

COUNTY PROJ. NO.049-283-015..... SHEET NO. 1..... OF ..27.... SHEETS



PLAN & PROFILE

COUNTY PROJECT NO. 049-283-015...SHEET NO. 12... OF ...27... SHEETS

DATE: 2/21/20

STEVEN C. BACKOWSKI, LIC. NO. 18286

S.C.B.