

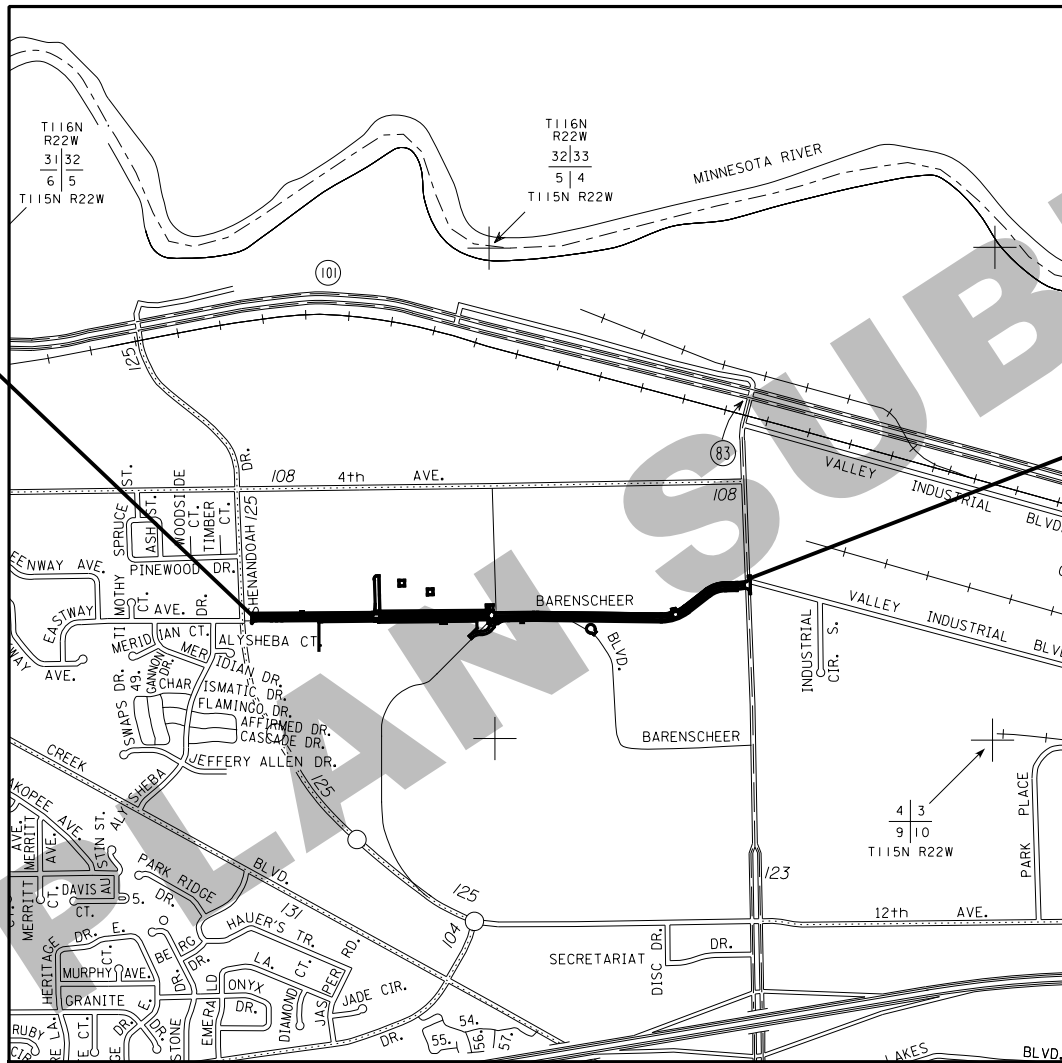
CITY OF SHAKOPEE

SCOTT COUNTY, MINNESOTA

PLANS FOR: GRADING, STORM SEWER, BITUMINOUS SURFACING, TRAIL, AND ADA IMPROVEMENTS  
CITY PROJECT NO. CIF 19-004-11 LOCATED ON UNBRIDLED AVENUE FROM SHENANDOAH DRIVE TO CSAH 83  
UNBRIDLED AVENUE RECONSTRUCTION



GROSS LENGTH 5,288.65 FEET 1.002 MILES  
BRIDGES-LENGTH FEET MILES  
EXCEPTIONS-LENGTH FEET MILES  
NET LENGTH 5,288.65 FEET 1.002 MILES  
REF. POINT TO REF. POINT  
LENGTH AND DESCRIPTION BASED UPON (UNBRIDLED AVENUE)



BEGIN CP CIF 19-004-11  
EB UNBRIDLED AVE  
STA 100+92.70

END CP CIF 19-004-11  
EB UNBRIDLED AVE  
STA 153+81.35

PLAN SYMBOLS

STATE LINE	---
COUNTY LINE	---
TOWNSHIP OR RANGE LINE	---
SECTION LINE	---
QUARTER LINE	---
SIXTEENTH LINE	---
RIGHT-OF-WAY LINE	---
PRESENT RIGHT-OF-WAY LINE	---
CONTROL OF ACCESS LINE	---
PROPERTY LINE (Except Land Lines)	---
VACATED PLATTED PROPERTY	---
CORPORATE OR CITY LIMITS	---
TRUNK HIGHWAY CENTER LINE	---
CONC. RETAINING WALL	---
RAILROAD	---
RAILROAD RIGHT-OF-WAY LINE	---
RIVER OR CREEK	---
DRY RUN	---
DRAINAGE DITCH	---
DRAIN TILE	---
CULVERT	---
DROP INLET	---
GUARD RAIL	---
BARBED WIRE FENCE	---
WOVEN WIRE FENCE	---
CHAIN LINK FENCE	---
RAILROAD SNOW FENCE	---
STONE WALL OR FENCE	---
HEDGE	---
RAILROAD CROSSING SIGN	---
RAILROAD CROSSING BELL	---
ELECTRIC WARNING SIGN	---
CROSSING GATE	---
MEANDER CORNER	---
MAIL BOX	---
SPRINGS	---
MARSH	---
TIMBER	---
ORCHARD	---
BRUSH	---
NURSERY	---
CATCH BASIN	---
FIRE HYDRANT	---
CATTLE GUARD	---
OVERPASS (Highway Over)	---
UNDERPASS (Highway Under)	---
BRIDGE	---
BUILDING (One Story Frame)	---
F-FRAME	---
C-CONCRETE	---
S-STONE	---
T-TILE	---
B-BRICK	---
ST-STUCCO	---
IRON PIPE OR ROD	---
MONUMENT (STONE, CONCRETE, OR METAL)	---
WOODEN HUB	---
GRAVEL PIT	---
SAND PIT	---
BORROW PIT	---
ROCK QUARRY	---

UTILITY SYMBOLS

POWER POLE LINE	---
TELEPHONE OR TELEGRAPH POLE LINE	---
JOINT TELEPHONE AND POWER ON POWER POLES	---
ANCHOR	---
STEEL TOWER	---
STREET LIGHT	---
PEDESTAL (TELEPHONE CABLE TERMINAL)	---
GAS MAIN	---
WATER MAIN	---
CONDUIT	---
TELEPHONE CABLE IN CONDUIT	---
ELECTRIC CABLE IN CONDUIT	---
TELEPHONE MANHOLE	---
ELECTRIC MANHOLE	---
BURIED TELEPHONE CABLE	---
BURIED ELECTRIC CABLE	---
AERIAL TELEPHONE CABLE	---
SEWER (SANITARY)	---
SEWER (STORM)	---
SEWER MANHOLE	---
HANDHOLE	---

DESIGN DESIGNATION FOR:

R-VALUE 35  
ADT (Current Year) 2020 = 1200  
ADT (Future Year) 2040 = 5000  
PAVEMENT DESIGN 10 TON  
FUNCTIONAL CLASSIFICATION LOCAL ROAD  
NO. OF TRAFFIC LANES 2 & 4  
NO. OF PARKING LANES 0  
ESALS (20) 1,568,000 (20 YRS)  
Design Speed 30 MPH  
Based on Sight Distance STOPPING  
Height of eye / Height of Object 3.5' / 2.0'  
Design Speed not achieved at: VERTICAL CURVE  
(EB STA 152+76.52 & WB STA 252+76.44)

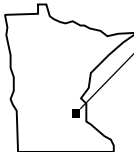
UNBRIDLED AVE

TRAIL

SCALE

INDEX MAP

1000'



PROJECT LOCATION  
COUNTY : SCOTT  
DISTRICT : METRO

PLAN REVISIONS

DATE	SHEET NO.	APPROVED BY

GOVERNING SPECIFICATIONS

THE 2018 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN.

ALL TRAFFIC CONTROL DEVICES SHALL CONFORM AND BE PLACED IN ACCORDANCE TO THE "MINNESOTA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MN MUTCD) AND PART VI, "FIELD MANUAL FOR TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS".

CITY OF SHAKOPEE STANDARD SPECIFICATION FOR UTILITY AND STREET CONSTRUCTION.

INDEX

SHEET NO. SHEET DESCRIPTION

1	TITLE SHEET
2	GENERAL LAYOUT
3-4	STATEMENT OF ESTIMATED QUANTITIES
5	CONSTRUCTION / SOILS NOTES
6-7	EARTHWORK SUMMARY, BALANCE, AND TABULATIONS
8-12	EXISTING UTILITY TABULATIONS
13-19	MISCELLANEOUS DETAILS
20-40	STANDARD PLAN SHEETS
41-47	TYPICAL SECTIONS
48-54	ALIGNMENT PLANS AND TABULATIONS
55-74	STAGING AND TRAFFIC CONTROL PLANS
75-78	TOPOGRAPHY AND UTILITY PLANS
79-82	REMOVAL PLANS
83-86	CONSTRUCTION PLANS
87-90	PROFILES
91-94	SUPERELEVATION PLANS
95-99	INTERSECTION DETAILS
100-102	PEDESTRIAN CURB RAMP DETAILS
103-106	DRAINAGE PLANS
107-118	STORM SEWER PROFILES, TABULATIONS AND DETAILS
119-122	STORM WATER POLLUTION PREVENTION PLANS
123-125	SANITARY SEWER PLANS
126-129	TURF ESTABLISHMENT & EROSION CONTROL
130-133	SIGNING REMOVAL PLANS
134-145	SIGNING AND STRIPING PLAN AND DETAILS
146-149	LIGHTING PLANS AND DETAILS
150-151	CONTOUR PLANS
152-157	LANDSCAPING PLANS
158-159	CROSS SECTIONS MATCHLINE LAYOUT PLANS
160-198	CROSS SECTIONS

THIS PLAN CONTAINS 198 SHEETS



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 \_\_\_\_\_

DATE 1/21/2020 LIC. NO. 53788 PRINT NAME BRANDON MAAS

RECOMMENDED FOR APPROVAL CITY ENGINEER, CITY OF SHAKOPEE 20

RECOMMENDED FOR APPROVAL SCOTT COUNTY ENGINEER 20

CP CIF 19-004-11

SHEET NO. 1 OF 198 SHEETS

THIS PLAN AND/OR SPECIFICATION WAS PREPARED SPECIFICALLY FOR THIS PROJECT, AND ANY RE-USE OF DETAILS OR SPECIFICATIONS ON OTHER PROJECTS IS NOT INTENDED OR AUTHORIZED BY THE DESIGNER. LIABILITY FOR ANY RE-USE ON OTHER PROJECTS IS THE RESPONSIBILITY OF THE PERSON, AGENCY, OR CORPORATION USING PLAN OR SPECIFICATION DATA FROM THIS PROJECT.

THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL D. THIS QUALITY LEVEL WAS DETERMINED ACCORDING TO GUIDELINES OF CI/ASCE 38-02. ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA".