

LEGEND

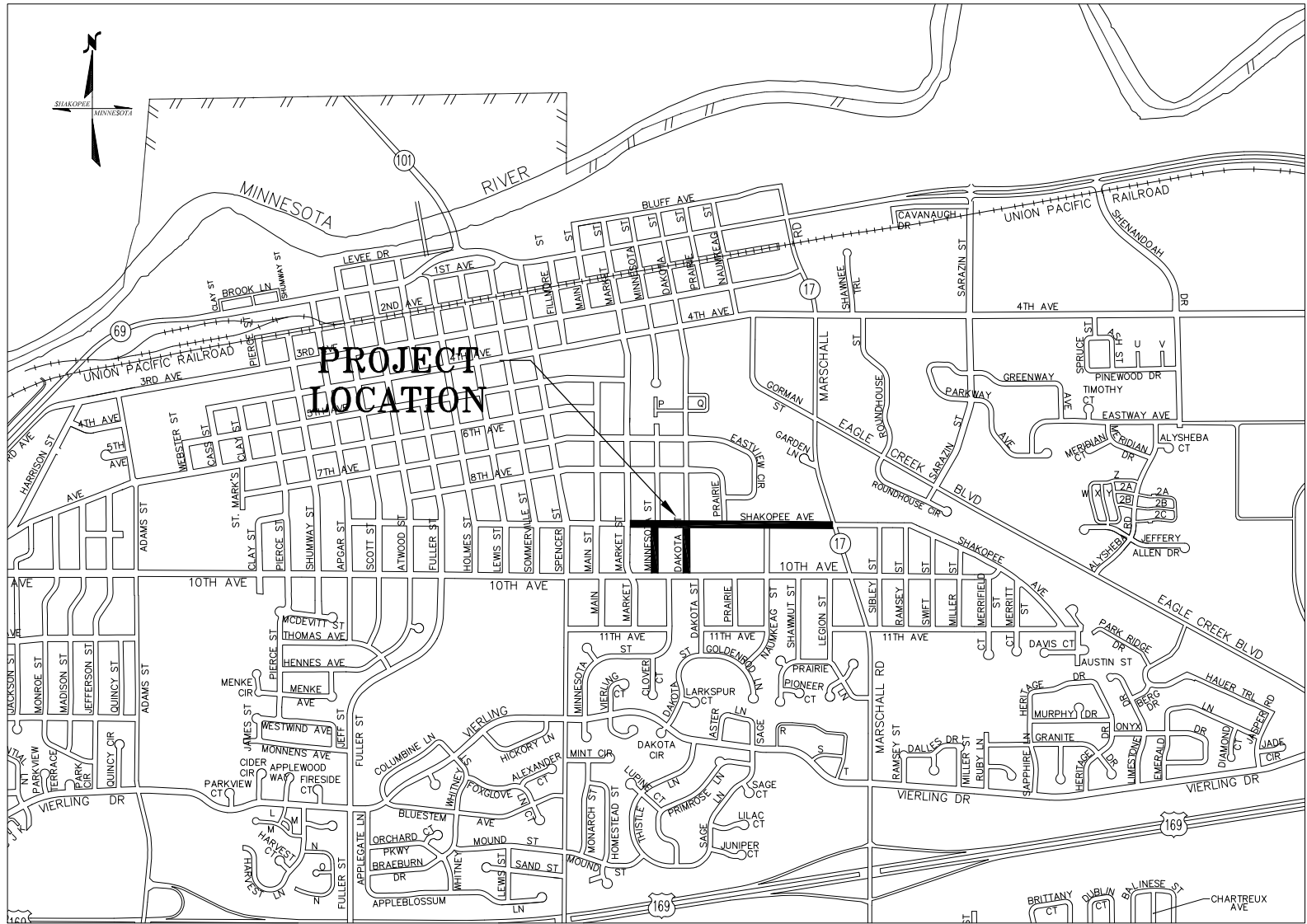
	EXISTING SANITARY SEWER
	EXISTING STORM SEWER
	EXISTING WATERMAIN
	RIGHT-OF-WAY
	CENTERLINE
	EXISTING RETAINING WALL
	PROPOSED SANITARY SEWER
	PROPOSED STORM SEWER
	PROPOSED WATERMAIN
	PROPOSED SAW CUT LINE
	UNDERGROUND ELECTRIC LINE
	UNDERGROUND TELEPHONE LINE
	UNDERGROUND FIBER OPTIC LINE
	UNDERGROUND GAS LINE
	ABANDONED GAS LINE
	PROPOSED CONDUIT
	CONCRETE SURFACE
	BITUMINOUS SURFACE
	GRAVEL SURFACE
	EXISTING HYDRANT
	EXISTING VALVE MANHOLE
	EXISTING VALVE
	EXISTING SANITARY SEWER MANHOLE
	EXISTING STORM SEWER MANHOLE
	EXISTING CATCH BASIN
	UTILITY POLE
	SIGN / POLE
	DECIDUOUS TREE
	CONIFEROUS TREE
	HEDGE
	TELEPHONE BOX
	ELECTRIC BOX
	MAILBOX
	NEWSPAPER BOX
	GUY WIRE
	SOIL BORING LOCATION
	PROPOSED HYDRANT
	PROPOSED VALVE
	PROPOSED MANHOLE
	PROPOSED CATCH BASIN
	REMOVE AND DISPOSE EXISTING BITUMINOUS DRIVEWAY AS DIRECTED
	REMOVE AND DISPOSE EXISTING CONCRETE DRIVEWAY/WALK AS DIRECTED
	REMOVE & DISPOSE SANITARY SEWER
	REMOVE & DISPOSE STORM SEWER
	REMOVE & DISPOSE WATERMAIN
	PROTECT OR SALVAGE & REINSTALL SPRINKLER SYSTEM
	PROTECT OR SALVAGE & REINSTALL UNDERGROUND FENCE SYSTEM
	REPLACE CASTING
	SALVAGE & REINSTALL LANDSCAPING

THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES THAT ARE SHOWN, ARE SHOWN IN AN APPROXIMATE WAY ONLY. IT IS NOT GUARANTEED THAT ANY OR ALL EXISTING UTILITIES ARE SHOWN. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

NOTIFY GOPHER STATE ONE-CALL
1-800-252-1166 OR 651-454-0002

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

2018 STREET RECONSTRUCTION SHAKOPEE, MN CITY PROJECT NO. 2018-1 STREET RECONSTRUCTION & APPURTENANT WORK



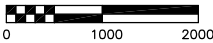
PROJECT LOCATION

COUNTY : SCOTT

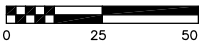
DISTRICT : METRO

SCALES

INDEX MAP



PLAN



PROFILE



GOVERNING SPECIFICATIONS

THE 2018 STREET RECONSTRUCTION PROJECT SPECIFICATIONS, THE 2018 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" AND THE LATEST EDITION OF THE CEAM STANDARD UTILITY SPECIFICATIONS.

ALL TRAFFIC CONTROL DEVICES AND SIGNING SHALL CONFORM TO THE LATEST MN MUTCD INCLUDING THE FIELD MANUAL FOR TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS. ALL TRAFFIC CONTROL DEVICES SHALL HAVE RETROREFLECTIVE SHEETING.

INDEX

DESCRIPTION SHEET NO.

1	TITLE SHEET
2	OVERALL UTILITY PLAN
3-5	TYPICAL SECTIONS & DETAILS
6	TABULATIONS
7-8	EXISTING CONDITIONS AND REMOVAL PLAN

9-13	STORM SEWER & STREET - SHAKOPEE AVENUE
14	STORM SEWER & STREET - MINNESOTA STREET
15	STORM SEWER & STREET - DAKOTA STREET

16-20	SANITARY SEWER & WATERMAIN - SHAKOPEE AVE
21	SANITARY SEWER & WATERMAIN - MINNESOTA ST
22	SANITARY SEWER & WATERMAIN - DAKOTA ST

23	STRIPING PLAN
24	INTERSECTION DETAILS
25-31	PEDESTRIAN CURB RAMP DETAILS
33-35	SWPPP & EROSION CONTROL PLAN

PLANS CONTAIN 35 SHEETS

APPROVED FOR ONE YEAR FROM THIS DATE

CITY ENGINEER

DATE

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

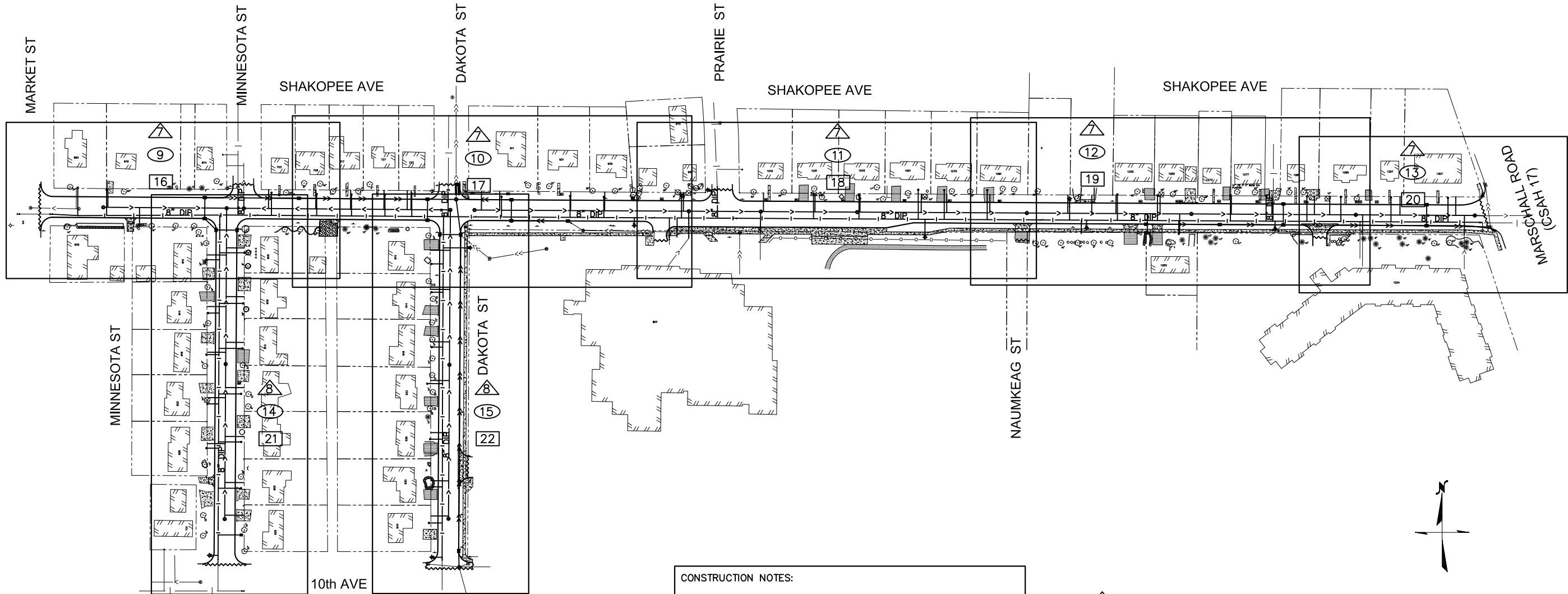
DESIGN ENGINEER: I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

DATE _____ LIC. NO. _____ 49803

RYAN HALVERSON



CITY OF SHAKOPEE, MN
129 SOUTH HOLMES ST
SHAKOPEE, MN 55379
(952) 233-9300 phone
(952) 233-3801 fax



- CONSTRUCTION NOTES:
- 1) ALL WATER SERVICES SHALL BE 1" COPPER TYPE K UNLESS OTHERWISE NOTED.
 - 2) ALL WATER MAIN PIPE SHALL BE DIP CLASS 52.
 - 3) ALL SANITARY SEWER/WATERMAIN CROSSINGS SHALL HAVE AT LEAST 18 INCHES VERTICAL SEPARATION.
 - 4) ALL STORM SEWER/WATERMAIN CROSSINGS SHALL HAVE AT LEAST 3 FEET VERTICAL SEPARATION.
 - 5) ALL SANITARY SEWER SERVICE PIPE SHALL BE PVC SDR 26, UNLESS OTHERWISE NOTED.
 - 6) CONTRACTOR SHALL INSTALL SAME SIZE SANITARY SERVICE PIPE AND WYE AS EXISTING.
 - 7) ALL SANITARY SEWER MAIN SHALL BE 8" PVC SDR 35
 - 8) SEE INDIVIDUAL SHEETS FOR STORM SEWER SIZE AND CLASS OF PIPE

- △ REMOVAL SHEET
① STREET & STORM SEWER SHEET
1 SANITARY SEWER & WATERMAIN SHEET
- |— ALL PROPOSED WATERMAIN TO BE 6" OR 8" CL 52 DIP
—<— ALL PROPOSED SANITARY SEWER TO BE 8" PVC SDR 35



SHEET NO.
2

2018 STREET RECONSTRUCTION

OVERALL UTILITY PLAN

REVISIONS	

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.

RYAN HALVERSON

Lic. No. 49503

Date

DESIGNED BY: RTH	DATE: MAR 2018
DRAWN BY: AIE	PROJECT #: 2018-1
CHECKED BY: RTH	SHEET: 2 OF 35