

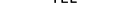
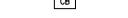
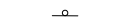
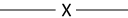
TRAIL CONSTRUCTION & APPURTENANCE WORK

GOVERNING SPECIFICATIONS

THE 2020 RED OAK SCHOOL TRAIL PROJECT SPECIFICATIONS AND THE 2018 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION".

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.

LEGEND

	EXISTING STORM SEWER
	EXISTING WATERMAIN
	RIGHT-OF-WAY
	UNDERGROUND ELECTRIC LINE
	UNDERGROUND TELEPHONE LINE
	UNDERGROUND FIBER OPTIC LINE
	UNDERGROUND GAS LINE
	ABANDONED GAS LINE
	EXISTING VALVE
	EXISTING SANITARY SEWER MANHOLE
	EXISTING STORM SEWER MANHOLE
	EXISTING CATCH BASIN
	UTILITY POLE
	SIGN / POLE
	DECIDUOUS TREE
	CONIFEROUS TREE
	HEDGE
	TREE/HEDGE LINE
	FENCE
	TELEPHONE BOX
	ELECTRIC BOX
	EXISTING CURB AND GUTTER
	EXISTING WALK/TRAIL
	PROPOSED CONCRETE
	PROPOSED BITUMINOUS
	PROPOSED CURB AND GUTTER
	PROPOSED SAW CUT LINE

DESIGN DESIGNATION

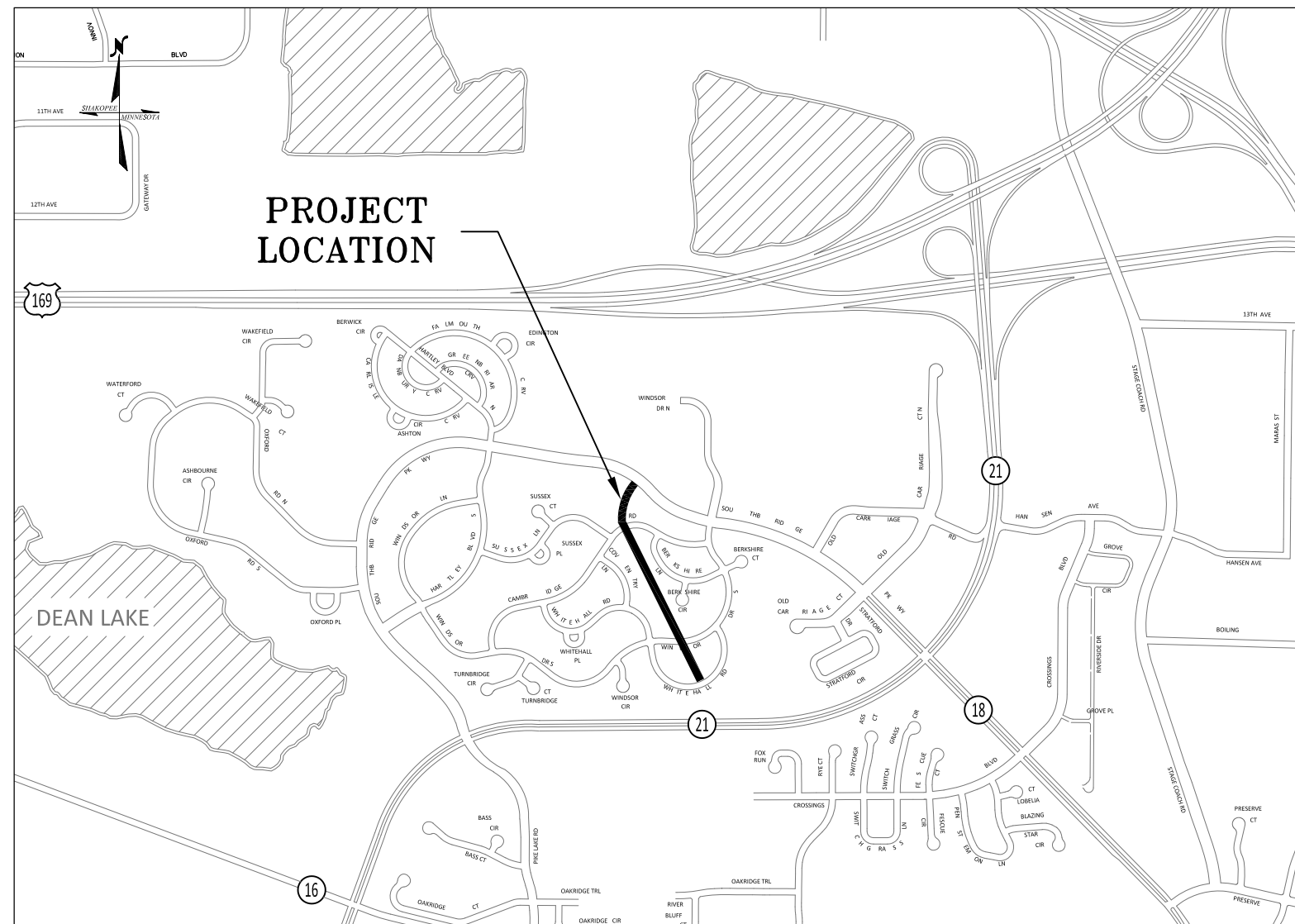
BICYCLE DESIGN (TRAIL)

RED OAK SCHOOL TRAIL

DESIGN SPEED 20 MPH

BASED ON STOPPING SIGHT DISTANCE

HEIGHT OF EYE 4.5' HEIGHT OF OBJECT 0.0"



INDEX

DESCRIPTION SHEET NO.

1	TITLE SHEET
2	GENERAL LAYOUT
3	STATEMENT OF ESTIMATED QUANTITIES
4	EARTHWORK TABULATION
5	UTILITY TABULATION
6	SHAKOPEE STANDARD PLATES
7-14	MNDOT STANDARD PLANS
15	TYPICAL SECTION
16-17	CONSTRUCTION PLAN AND PROFILE
18-19	PEDESTRIAN RAMP DETAILS
20-21	EROSION CONTROL PLAN
22-23	SIGNING AND STRIPING PLAN
24-29	CROSS SECTIONS

THIS PLAN CONTAINS 29 SHEETS

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.

MICAH HECKMAN

DATE XX/XX/XXXX LIC. NO. 49589



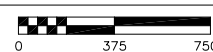
PROJECT LOCATION

COUNTY : SCOTT

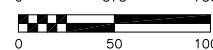
DISTRICT : METRO

SCALES

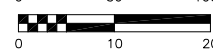
INDEX MAP



PLAN



PED RAMP DETAILS



PLAN REVISIONS		
DATE	SHEET NO.	APPROVED BY

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.

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 D. 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."



CITY OF SHAKOPEE, MN
485 GORMAN ST
SHAKOPEE, MN 55379
(952) 233-9300 phone
(952) 233-3801 fax

SHEET NO. 1 OF 29 SHEETS