

PLAN SYMBOLS

STATE LINE	----
COUNTY LINE	----
TOWNSHIP OR RANGE LINE	----
SECTION LINE	----
QUARTER LINE	----
SIXTEENTH LINE	----
RIGHT-OF-WAY LINE	----
SLOPE EASEMENT	SE
PRESENT RIGHT-OF-WAY	----
CONTROL OF ACCESS LINE	----
PROPERTY LINES (EXCEPT LAND LINES)	----
VACATED PLATTED PROPERTY	----
CORPORATE OR CITY LIMITS	----
TRUNK HIGHWAY CENTER LINE	----
RETAINING WALL	----
RAILROAD	----
RAILROAD RIGHT-OF-WAY	----
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	----
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 ROD OR PIPE	----
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 POLE	----
ON TELEPHONE POLES	----
ANCHOR	----
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	----
FIBER OPTICS	----
SEWER (SANITARY OR STORM)	----
SEWER MANHOLE	----

SCALES

INDEX MAP	0 1600 3200
PLAN	0 30 60
PROFILE	0 30 60
HORIZ.	0 5 10
VERT.	0 10 20
CROSS SECTION	0 10 20

CITY OF SHAKOPEE

CONSTRUCTION PLAN FOR GRADING, SURFACING, RETAINING WALLS AND APPURTENANT WORK

LOCATED ON QUARRY LAKE TRAIL FROM GATEWAY AVENUE TO INOVATION BLVD
LOCATED ON CSAH 101 FROM MEMORIAL PARK TO SARIZIN STREET

SEGMENT 1

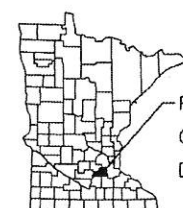
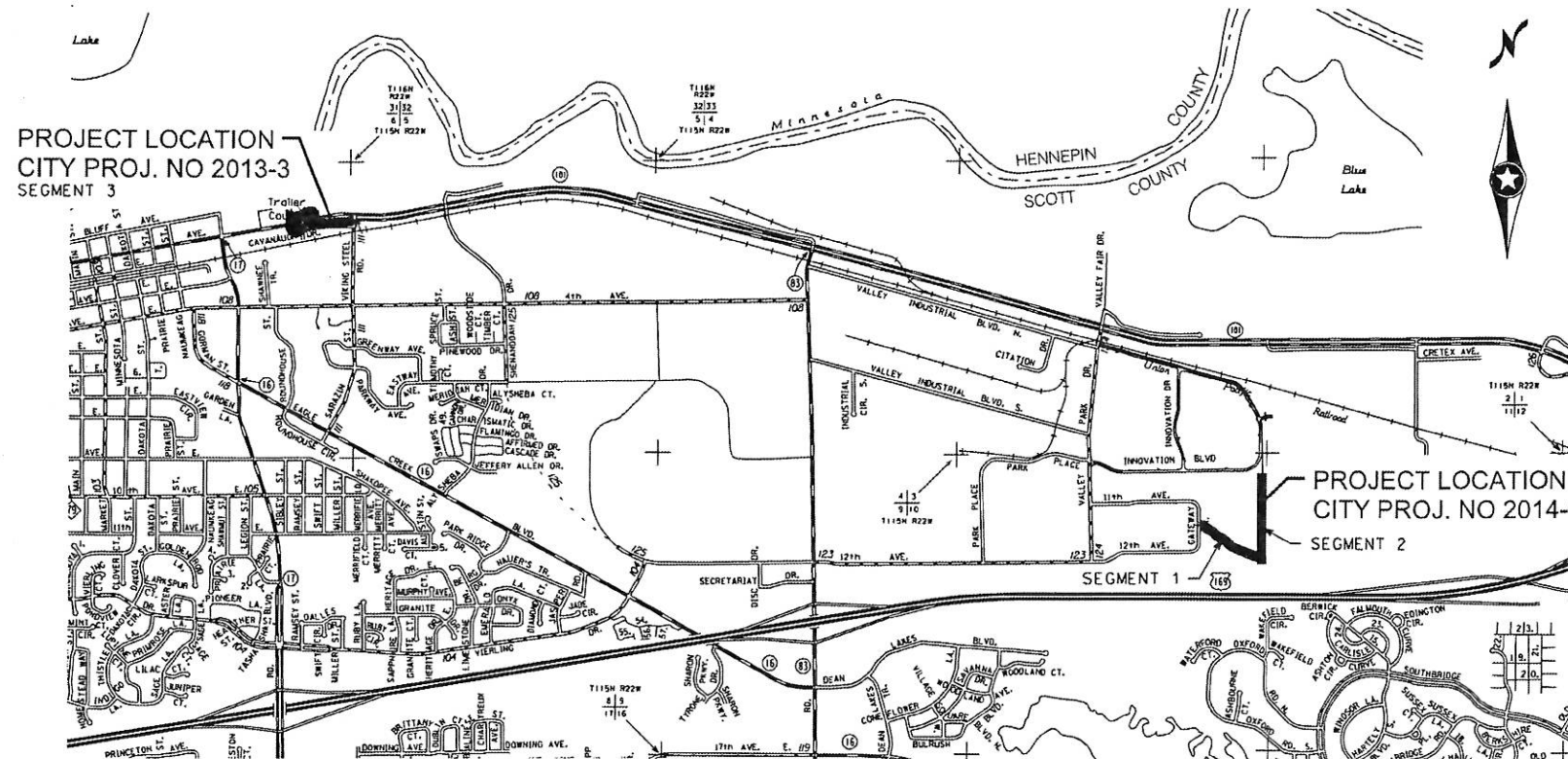
GROSS LENGTH	1236.42 ft	0.234 miles
BRIDGES-LENGTH	0.00 ft	0.000 miles
EXCEPTIONS-LENGTH	0.00 ft	0.000 miles
NET LENGTH	1236.42 ft	0.234 miles

SEGMENT 2

GROSS LENGTH	1471.82 ft	0.279 miles
BRIDGES-LENGTH	0.00 ft	0.000 miles
EXCEPTIONS-LENGTH	0.00 ft	0.000 miles
NET LENGTH	1471.82 ft	0.279 miles

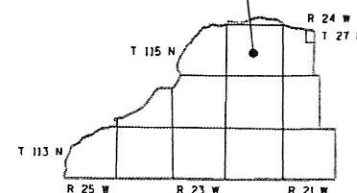
SEGMENT 3

GROSS LENGTH	1671.00 ft	0.316 miles
BRIDGES-LENGTH	0.00 ft	0.000 miles
EXCEPTIONS-LENGTH	67.94 ft	0.018 miles
NET LENGTH	1603.06 ft	0.308 miles



PROJECT LOCATION
COUNTY: SCOTT
DISTRICT: METRO

PROJECT LOCATION



SCOTT COUNTY

TRAIL DESIGN DESIGNATION

DESIGN SPEED 20 MPH
BASED ON STOPPING SIGHT DISTANCE
HEIGHT OF EYE 4.5 HEIGHT OF OBJECT 0.0

PLAN REVISIONS		
DATE	SHEET NO.	APPROVED BY

GOVERNING SPECIFICATIONS

THE 2005 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION."
ALL TRAFFIC CONTROL DEVICES AND SIGNING SHALL CONFORM TO THE MN MUTCD INCLUDING THE FIELD MANUAL FOR TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS.

INDEX

SHEET NO.	DESCRIPTION
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6 - 7	QUANTITY TABULATIONS
8	CONSTRUCTION NOTES & STANDARD PLATES
9 - 13	MISCELLANEOUS DETAILS
14 - 16	CITY DETAILS
17 - 19	TYPICAL SECTIONS
20 - 22	TRAFFIC CONTROL
23 - 25	ALIGNMENT PLANS & TABULATIONS
26 - 30	MISCELLANEOUS REMOVAL PLAN
31 - 39	CONSTRUCTION PLAN & PROFILE
40	GRADING PLAN
41 - 45	RETAINING WALL PLAN
46 - 49	SWPPP
50 - 62	TURF ESTABLISHMENT & EROSION CONTROL
63 - 64	LANDSCAPING PLAN
65 - 72	CROSS SECTIONS - SEGMENT 1
73 - 75	CROSS SECTIONS - SEGMENT 2
76 - 85	CROSS SECTIONS - SEGMENT 3

THIS PLAN CONTAINS 85 SHEETS.

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



701 Xenia Avenue South, Suite 300 | Minneapolis, MN 55416 | 763-541-4800 | Fax 763-541-1700 | www.wsbeng.com

INFRASTRUCTURE | ENGINEERING | PLANNING | CONSTRUCTION

SIGNATURE: TYPED OR PRINTED NAME: DONALD W. STERNA, PE

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: 6/25/14 LICENSE NUMBER 19103

APPROVED: CITY OF SHAKOPEE ENGINEER

DATE 7/18/14

CITY PROJ. NO. 2013-3, 2014-7

SHEET NO. 1 OF 85 SHEETS