

PLAN SYMBOLS

STATE LINE
COUNTY LINE
TOWNSHIP OR RANGE LINE
SECTION LINE
QUARTER LINE
SEVENTH LINE
RIGHT-OF-WAY LINE
PRESENT RIGHT-OF-WAY LINE
CONTROL OF ACCESS LINE
PROPERTY LINE (Easement Land Lines)
VACATED PLATTED PROPERTY
CORPORATE OR CITY LIMITS

TRUNK HIGHWAY CENTER LINE
RETAINING WALL
RAILROAD
RAILROAD RIGHT-OF-WAY LINE
RIVER OR CREEK
DRY RUN
DRAINAGE DITCH
DRAIN TILE
CULVERT
DRAIN INLET
GUARD RAIL
FENCE
WOOD FENCE
CHAIN LINK FENCE
RAILROAD SNOW FENCE
MODULAR BLOCK RETAINING WALL
STONE WALL
HEDGE
RAILROAD CROSSING SIGN
RAILROAD CROSSING BELL
ELECTRIC WARNING SIGN
CROSSING GATE
MEANDER CORNER
SPRINGS
MOUND/SWAMP
TIMBER
ORCHARD
BRUSH
HURSTERY

GATTLE GUARD
OVERPASS (Highway Over)
UNDERPASS (Highway Under)
BRIDGE
BUILDING (One Story Frame)
T-FRAME
D-CONCRETE
S-STONE
T-TILE
B-BRICK
ST-STUCCO
IRON PIPE OR ROD
WARRANTY (STONE, CONCRETE, OR METAL)
WOODEN PILE
GRAVEL PIT
SAND PIT
BORROW PIT
ROCK QUARRY

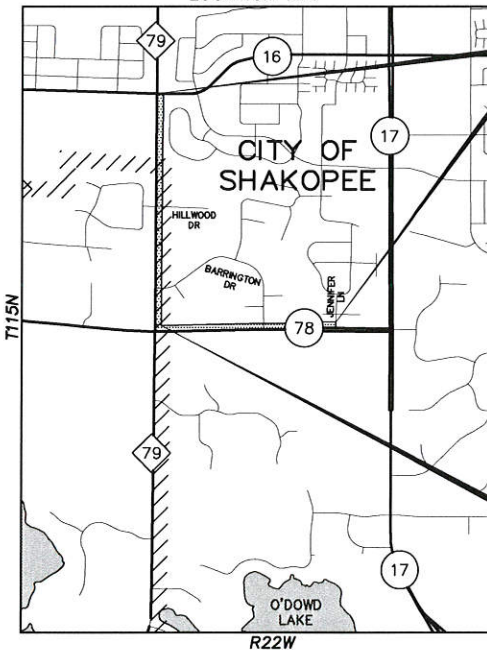
UTILITY SYMBOLS
POWER POLE LINE
TELEPHONE OR TELEGRAPH
POLE LINE
JOINT TELEPHONE AND POWER
ON POWER POLES
ON TELEPHONE POLES
ANCHOR
STEEL TOWER
STREET LIGHT
PEDESTAL (TELEPHONE CABLE
TERMINAL)
GAS MAIN
WATER MAIN
CONDUIT
TELEPHONE CABLE IN CONDUIT
ELECTRIC CABLE IN CONDUIT
TELEPHONE MANHOLE
ELECTRIC MANHOLE
BURIED TELEPHONE CABLE
BURIED ELECTRIC CABLE
AERIAL TELEPHONE CABLE
SERIAL (STORM)
SEWER MANHOLE
HANDHOLE
CATCH BASIN
FIRE HYDRANT

MINNESOTA DEPARTMENT OF TRANSPORTATION COUNTY OF SCOTT

CONSTRUCTION PLAN FOR GRADING, AGGREGATE BASE, BITUMINOUS SURFACING, PEDESTRIAN TRAIL AND RAMPS, AND STORM SEWER.

LOCATED ON C.S.A.H. 78 & CR 79 FROM JENNIFER LN TO C.S.A.H. 16 IN THE CITY OF SHAKOPEE
FROM 2,253.90' WEST & 81.36' NORTH OF THE SOUTHEAST QUARTER CORNER OF SEC. 18 - T115N - R22W
TO 1.98' WEST & 1,323.48' SOUTH OF THE NORTHWEST QUARTER CORNER OF SEC. 18 - T115N - R22W
(LEGAL DESCRIPTION)

LOCATION MAP



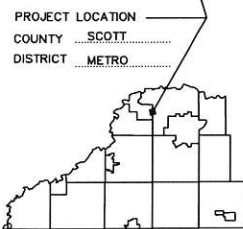
END S.P. 70-090-001
C.P. 79-11
STA. 129+35.84 (CSAH 78)
STA. 238+30.83 (CR 79)

BEGIN S.P. 70-090-001
C.P. 79-11
STA. 100+78.00 (CSAH 78)
STA. 200+78.00 (CR 79)

THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY 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." SOME UTILITIES WERE MARKED AND FIELD LOCATED BY SURVEY CREWS OR TAKEN FROM AERIAL MAPPING, AND OTHER UTILITIES WERE TAKEN FROM AS-BUILTS, MAPS, AND DRAWINGS FURNISHED BY THE UTILITY COMPANIES TO SCOTT COUNTY.

PLAN REVISIONS		
DATE	SHEET NO.	APPROVED BY

SCALES
PLAN 50'
PROFILE 10'
INDEX MAP 1000'
X-SECTION 10'



MINN. PROJ. NO. TA XXXX (XXX)

GOVERNING SPECIFICATIONS

THE 2016 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN.
ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE LATEST EDITION OF THE MINNESOTA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, INCLUDING THE LATEST FIELD MANUAL FOR TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS.

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THIS PLAN CONTAINS 110 SHEETS

C.S.A.H. NO. 78-TRAIL STATE PROJECT NO. 70-090-001

GROSS LENGTH 2,857.84 FEET 0.541 MILES
BRIDGES-LENGTH 0.00 FEET 0.000 MILES
EXCEPTIONS-LENGTH 0.00 FEET 0.000 MILES
NET LENGTH 2,857.84 FEET 0.541 MILES
(NOTE: LENGTH IS BASED ON CSAH 78 ALIGNMENT)

CR NO. 79-TRAIL STATE PROJECT NO. 70-090-001

GROSS LENGTH 3,752.83 FEET 0.711 MILES
BRIDGES-LENGTH 0.00 FEET 0.000 MILES
EXCEPTIONS-LENGTH 0.00 FEET 0.000 MILES
NET LENGTH 3,752.83 FEET 0.711 MILES
(NOTE: LENGTH IS BASED ON CR 79 ALIGNMENT)

C.S.A.H. 78-CR 79 TRANSITION STATE PROJECT NO. 70-090-001

GROSS LENGTH 94.83 FEET 0.018 MILES
BRIDGES-LENGTH 0.00 FEET 0.000 MILES
EXCEPTIONS-LENGTH 0.00 FEET 0.000 MILES
NET LENGTH 94.83 FEET 0.018 MILES
(NOTE: LENGTH IS BASED ON CSAH 78-79 TRANSITION ALIGNMENT)

DESIGN DESIGNATION - TRAIL

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

Approved DATE
SCOTT COUNTY HIGHWAY ENGINEER

Approved DATE
CITY OF SHAKOPEE

Approved DATE
DISTRICT STATE AID ENGINEER

REVIEWED FOR COMPLIANCE WITH STATE AID & FEDERAL AID RULES/POLICY

Approved DATE
STATE AID ENGINEER

APPROVED FOR STATE AID & FEDERAL AID FUNDING

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

CURT KOBILARCSIK LIC. NO. 24756

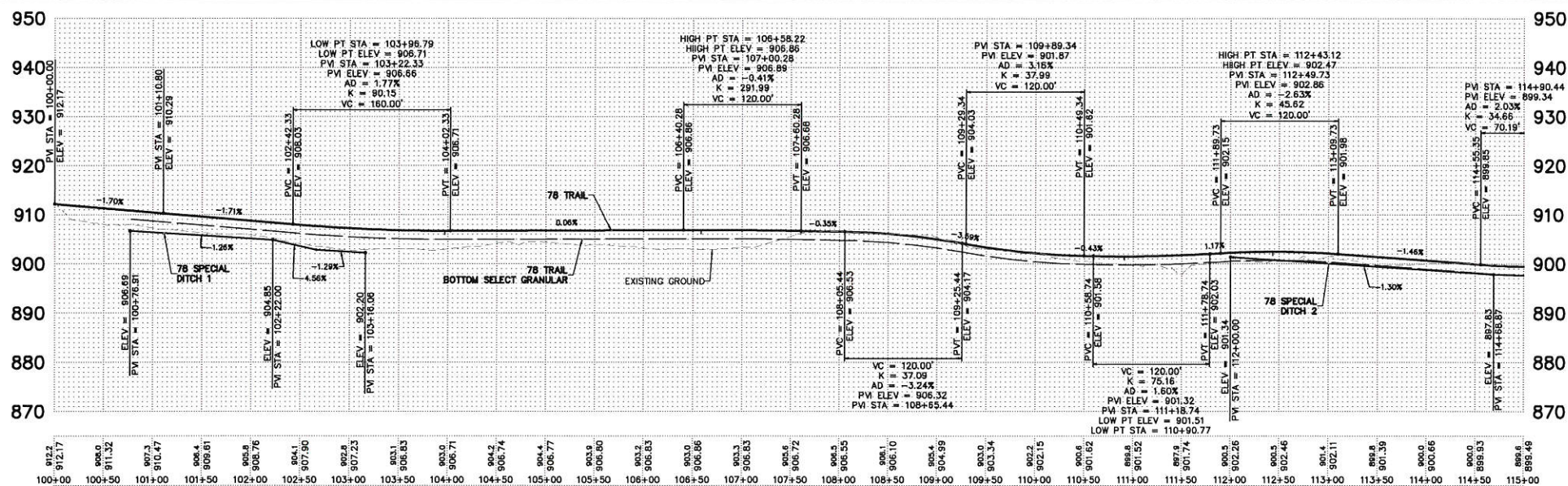
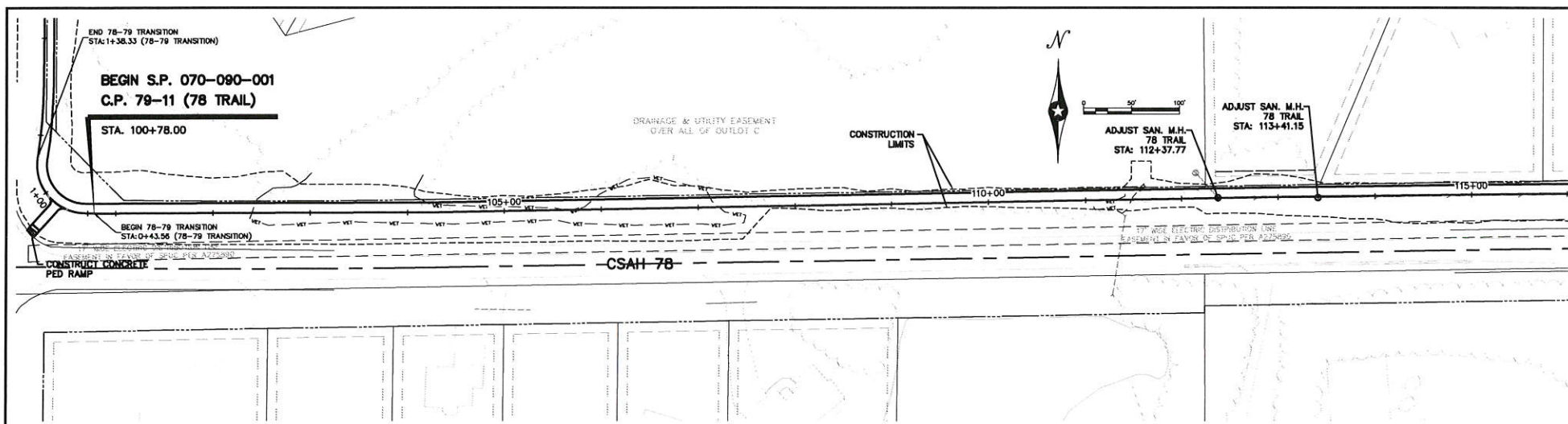
C.P. 79-11

TITLE SHEET

S.P. 070-090-001

Sheet No. 1.01 of 1.21 Sheets





DATE	BY	REVISIONS

DRAWN: NT
CHECKED: JCS
APPROVED: CAK



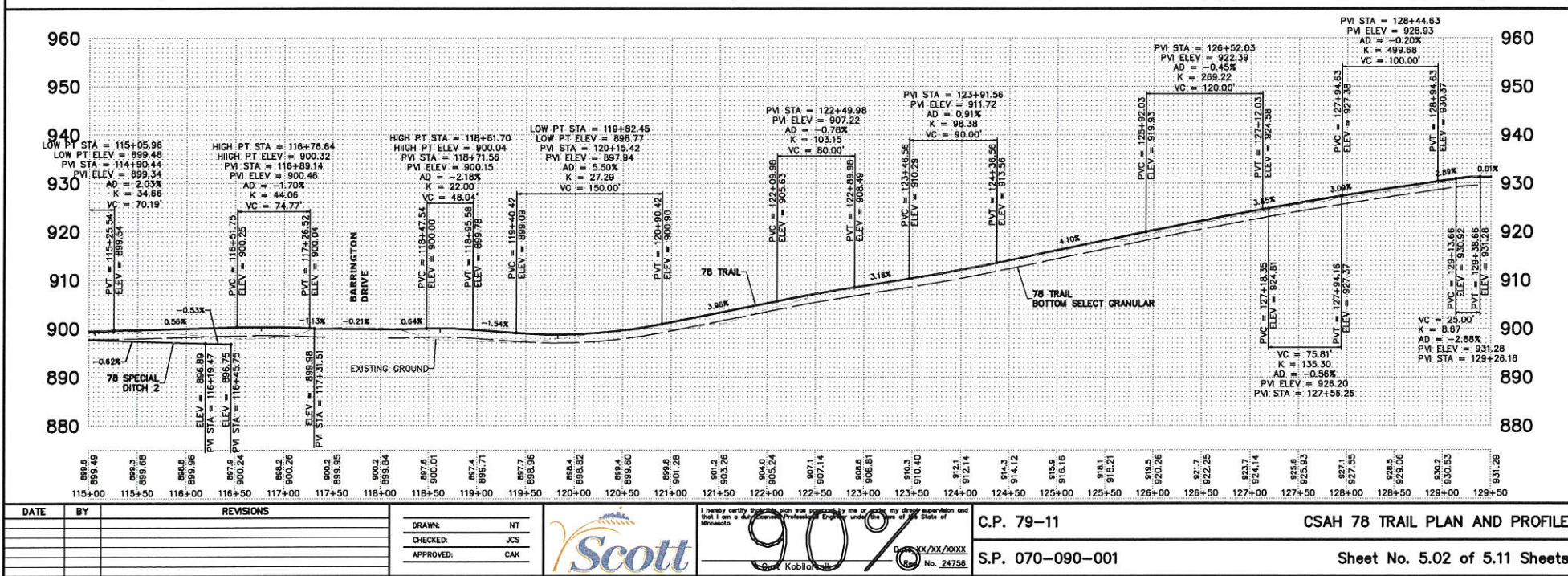
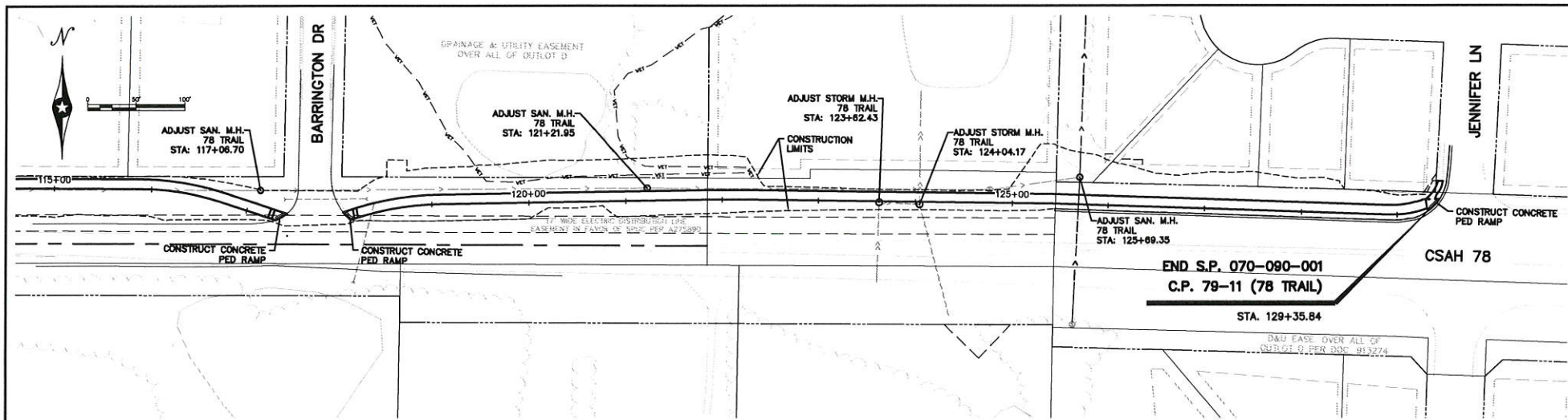
I hereby certify this plan was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

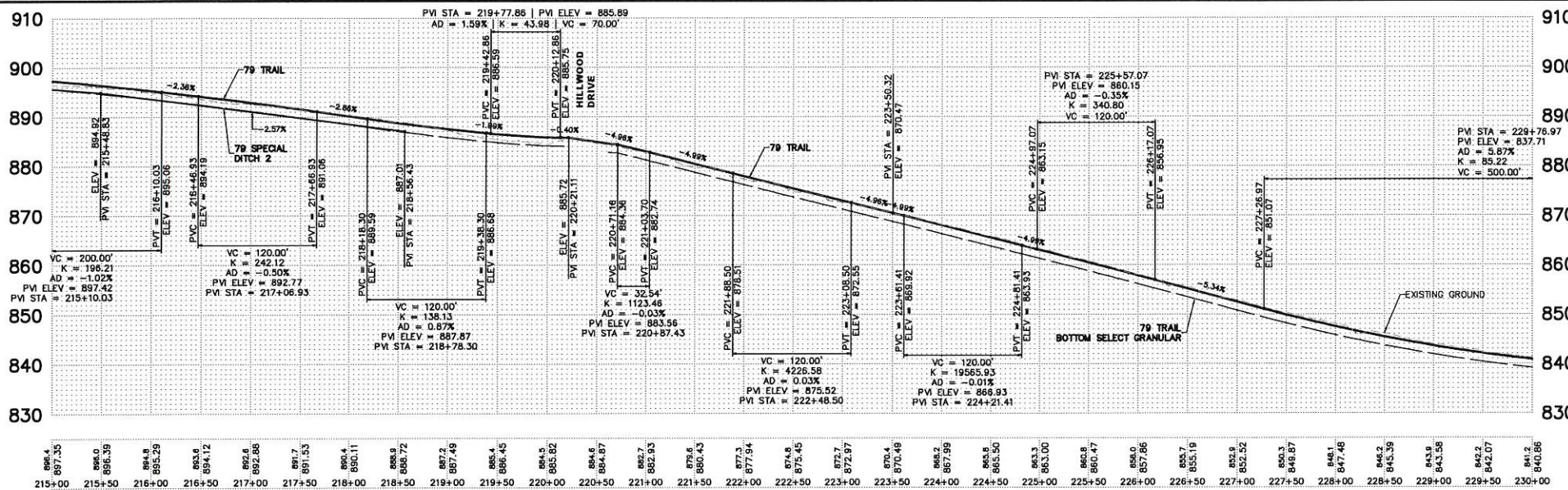
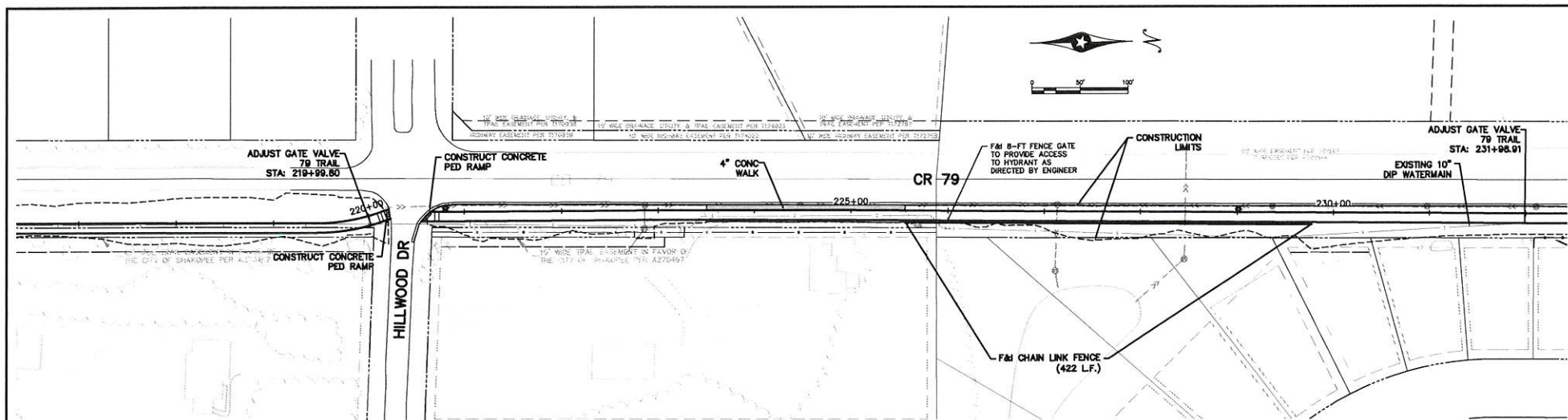
90%

Scott Kobilan

DATE: XX/XX/XXXX
Rev. No. 24758

C.P. 79-11
S.P. 070-090-001
CSAH 78 TRAIL PLAN AND PROFILE
Sheet No. 5.01 of 5.11 Sheets





DATE	BY	REVISIONS

DRAWN: NT
CHECKED: JCS
APPROVED: CAK



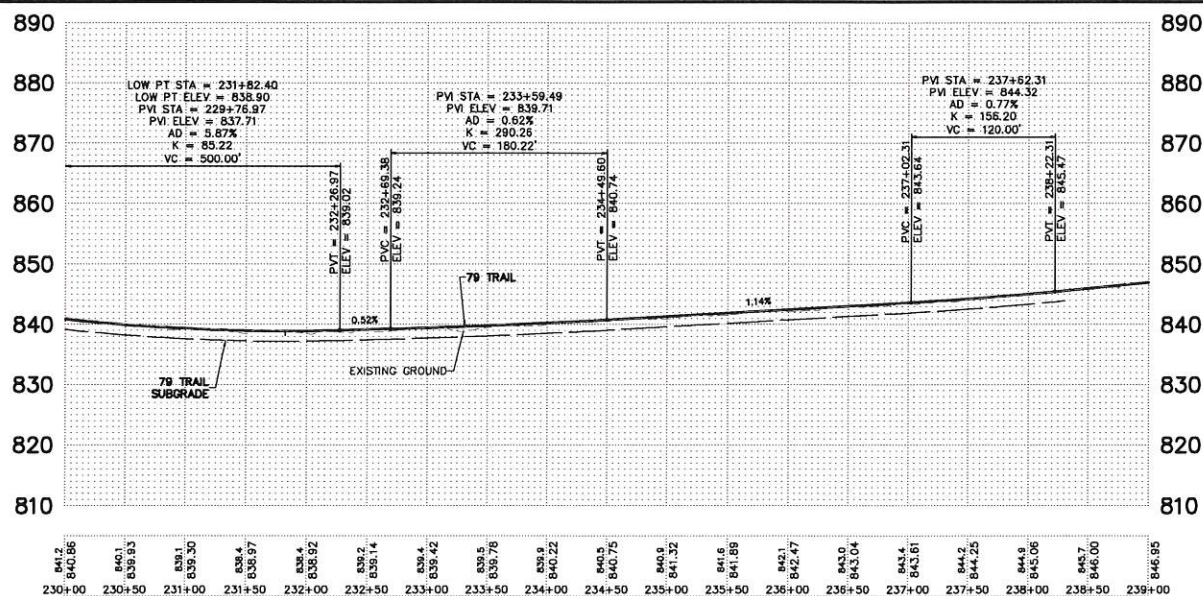
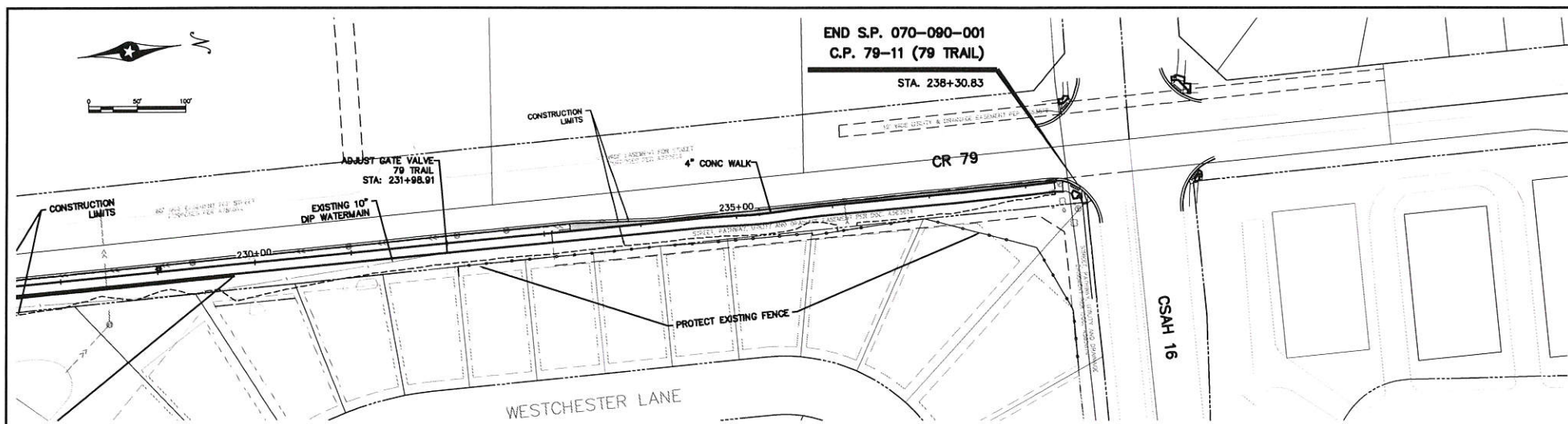
I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.
No. 24756

C.P. 79-11

S.P. 070-090-001

CO. RD. 79 TRAIL PLAN AND PROFILE

Sheet No. 5.04 of 5.11 Sheets



DATE	BY	REVISIONS

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CHECKED:	JCS
APPROVED:	CAK



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 Missouri.

90%

Scott Kobilich

C.P. 79-11	CO. RD. 79 TRAIL PLAN AND PROFILE
S.P. 070-090-001	Sheet No. 5.05 of 5.11 Sheets