FAU ROUTE	SECTION	COUNTY
	~~TE-0008(158)~~	ST CLAIR
CONTRACT NO. 97500		ILLINOIS
FEDERAL AID PROJECT		

THOUVENOT, WADE & MOERCHEN, INC.
ENGINEERS SURVEYORS PLANN

TWM

☒ CORPORATE OFFICE
4940 OLD COLLINSVILLE RD.
SWANSEA, ILLINOIS 62226
TEL (618) 624-4488
FAX (618) 624-6688
corp@twm-inc.com

☐ WATERLOO OFFICE
118 EAST THIRD STREET
WATERLOO, ILLINOIS 62298
TEL (618) 939-5050
FAX (618) 939-3938
waterloo@twm-inc.com

☐ ST. LOUIS OFFICE
1001 CRAIG ROAD, SUITE 260
ST. LOUIS, MISSOURI 63146
TEL (314) 236-5052
FAX (314) 872-2194
stlouis@twm-inc.com

PROFESSIONAL REGISTRATIONS	LICENSE NO
ILLINOIS PROFESSIONAL DESIGN FIRM	184-001220
PROFESSIONAL ENGINEERING CORP.	62-035370
PROFESSIONAL STRUCTURAL ENGR. CORP.	81-005202
ILLINOIS PROF. LAND SURVEYING CORP.	046-000029
MISSOURI PROFESSIONAL ENGR. CORP.	NC 001528
MISSOURI LAND SURVEYING CORP.	NC 000346

SEAL

Signature: _____
Signature Date: _____
Expiration Date: _____

STATEMENT OF RESPONSIBILITY

I hereby confirm that the document herein to be authenticated by my seal is restricted to this sheet, and I hereby disclaim any responsibility for all other drawings, specifications, estimates, reports or other documents or instruments relating to or intended to be utilized for any other part of the architectural, engineering or survey project.

MATCHLINE STA. 50+00

08-15.0-103-031
SCHUMAHER, LAWRENCE

08-15.0-103-035
ST CLAIR TOWNSHIP

08-15.0-103-032
BRAKE, DAVID W. & MELANIE

12"ø CMP-29'
STA 48+00.00
OFFSET 14.00' LT
FL=494.27

12"ø CMP-29'
STA 48+00.00
OFFSET 15.00' RT
FL=493.77

REMOVE 14' OF CHAIN LINK FENCE

SANITARY MANHOLE (TO BE ADJUSTED)

MID-BLOCK CURB RAMP PER STANDARD 424016

REMOVE AND REPLACE CONCRETE GUTTER

CHAIN LINK FENCE SPECIAL (SEE DETAIL)

SEGMENTAL CONCRETE BLOCK RETAINING WALL (SEE DETAIL)

PROPOSED 8' WIDE BIKE PATH

PROPOSED 5' WIDE SIDEWALK

CASTLE DRIVE

CENTENNIAL PARK

EX. ROW

SAN

CONST. LIMITS

C-19

C-20

R400'

12"(T.B.REM.)

10"(T.B.REM.)

PC = 47+09.25

PT = 47+71.02

PC = 48+45.62

PT = 48+88.32

PC = 49+69.12

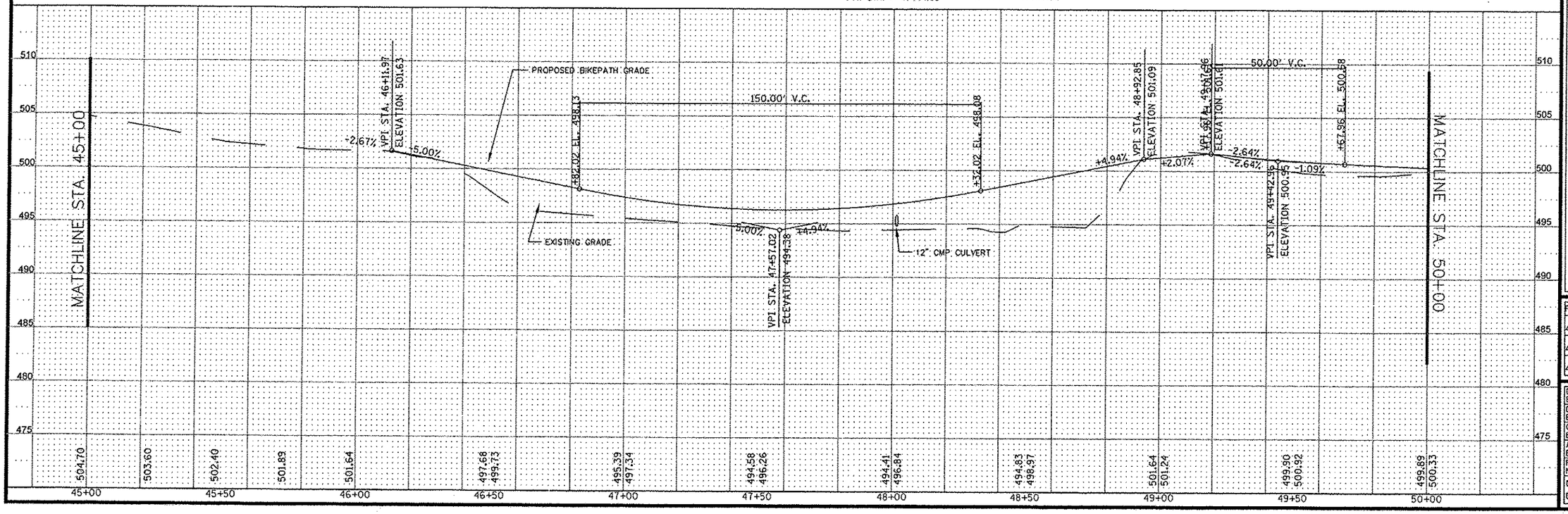
PT = 49+53.66

CURVE C-19
PI STA. = 47+40.18
Δ = 7° 04' 44" (RT)
D = 11° 27' 33"
R = 500.00'
T = 30.93'
L = 61.77'
E = 0.96'
e = _____
T.R. = _____
S.E. RUN = _____
P.C. STA. = 47+09.25
P.T. STA. = 47+71.03

CURVE C-20
PI STA. = 48+66.99
Δ = 6° 07' 02" (RT)
D = 14° 19' 26"
R = 400.00'
T = 21.37'
L = 42.71'
E = 0.57'
e = _____
T.R. = _____
S.E. RUN = _____
P.C. STA. = 48+45.62
P.T. STA. = 48+88.32

CURVE C-21
PI STA. = 49+42.24
Δ = 89° 32' 29" (LT)
D = 286° 28' 46"
R = 20.00'
T = 19.84'
L = 31.26'
E = 8.17'
e = _____
T.R. = _____
S.E. RUN = _____
P.C. STA. = 49+22.40
P.T. STA. = 49+53.66

20' 0 20' 40'
GRAPHIC SCALE



TITLE: PLAN AND PROFILE
STA. 45+00 - STA. 50+00
SECTION 10-00032-00-BT

PROJECT: RICHLAND CREEK BIKE TRAIL
PHASE 2B
VILLAGE OF SWANSEA
ST CLAIR COUNTY, IL

REV	DATE	DESCRIPTION

DRAWN BY:	JJV
DESIGNED BY:	JJV
CHECKED BY:	MJK
APPROVED BY:	JJV
PROJECT NUMBER	119100072A

SHEET 10 OF 46 SHEETS

☒ ISSUED FOR REVIEW ☐ ISSUED FOR BIDDING
☐ ISSUED FOR CONSTR ☐ RECORD DRAWING