MIDDLEBRANCH

APPLEGROVE

WERNER-CHURCH

NORTH

R = 1100.00
L = 577.79
Δ = 30°05'43"
T = 295.72
e_{max} = 0.060
(DESIGN SPEED = 55 MPH)

R = 1100.00
L = 672.74
Δ = 35°02'27"
T = 347.26
e_{max} = 0.060
(DESIGN SPEED = 55 MPH)

** SUPERELEVATION ROTATION LENGTH

PROPOSED TRAFFIC SIGNAL

PROPOSED 60' R/W

PROPOSED BRIDGE

0+00

15+00

20+00

25+00

30+00

31+00

R = 400.00
L = 356.24
Δ = 51°01'40"
T = 190.91

EXISTING
R = 400'±

EXISTING
R = 500'±
e_{max} = 0.033
(DESIGN SPEED < 25 MPH)

R/W

APPLEGROVE/MIDDLEBRANCH 2030 FUTURE DESIGN				
MIDDLEBRANCH	NORTHBOUND		SOUTHBOUND	
	L	R	L	R
STORAGE LENGTH	275'	150'	250'	–
APPLEGROVE / WERNER-CHURCH	EASTBOUND		WESTBOUND	
	L	R	L	R
STORAGE LENGTH	100'	–	200'	–

TAPER LENGTHS ON MIDDLEBRANCH AND APPLEGROVE ARE BASED ON 40 MPH DESIGN

WERNER CHURCH ROAD ALIGNMENT STUDY

PLAIN TOWNSHIP

STARK COUNTY, OHIO

EXHIBIT - ALTERNATE 3

100 0 50 100 FEET

CT Consultants
engineers | architects | planners