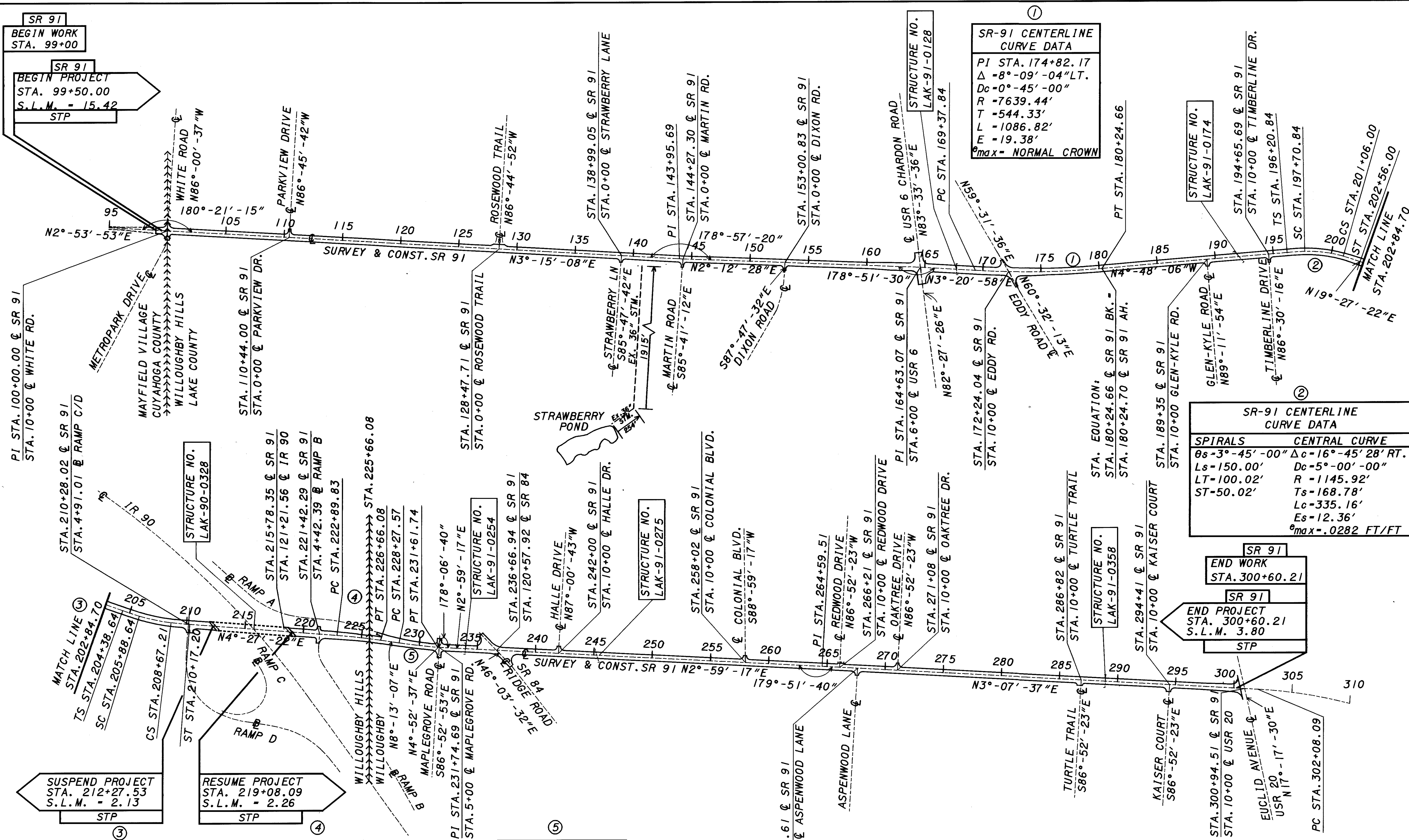


PLOTTED BY: fkonopka  
 PLOTTED FROM: \\users\bkkruse\p\d\9864\9864gsa.dgn  
 PLOT SUBMITTED: 09-OCT-1998 08:14  
 0986465A.dgn



SR-91 CENTERLINE CURVE DATA	
SPIRALS	CENTER CURVE
$\theta_s = 2^\circ - 37' - 30''$	$\Delta c = 9^\circ - 45' - 00''$ LT.
$L_s = 150.00'$	$D_c = 3^\circ - 30' - 00''$
$LT = 100.01'$	$R = 1637.02'$
$ST = 50.01'$	$T_s = 139.02'$
	$L_c = 278.57'$
	$E_s = 5.94'$
	$e_{max} = .0372$ FT/FT

SR-91 CENTERLINE CURVE DATA	
PI STA. 224+78.02	$\Delta = 3^\circ - 45' - 45''$ RT.
$\Delta = 3^\circ - 20' - 30''$ LT.	$D_c = 1^\circ - 00' - 00''$
$R = 5729.58'$	$T = 188.19'$
$T = 167.13'$	$L = 376.45'$
$L = 334.17'$	$E = 3.09'$
$E = 2.44'$	$e_{max} = \text{NORMAL CROWN}$

SR-91 CENTERLINE CURVE DATA	
PI STA. 229+94.70	$\Delta = 3^\circ - 20' - 30''$ LT.
$\Delta = 3^\circ - 20' - 30''$ LT.	$D_c = 1^\circ - 00' - 00''$
$R = 5729.58'$	$T = 167.13'$
$T = 167.13'$	$L = 334.17'$
$L = 334.17'$	$E = 2.44'$
$E = 2.44'$	$e_{max} = \text{NORMAL CROWN}$

SR-91 CENTERLINE CURVE DATA	
PI STA. 174+82.17	$\Delta = 8^\circ - 09' - 04''$ LT.
$\Delta = 8^\circ - 09' - 04''$ LT.	$D_c = 0^\circ - 45' - 00''$
$R = 7639.44'$	$T = 544.33'$
$T = 544.33'$	$L = 1086.82'$
$L = 1086.82'$	$E = 19.38'$
$E = 19.38'$	$e_{max} = \text{NORMAL CROWN}$

SR-91 CENTERLINE CURVE DATA	
SPIRALS	CENTRAL CURVE
$\theta_s = 3^\circ - 45' - 00''$	$\Delta c = 16^\circ - 45' 28''$ RT.
$L_s = 150.00'$	$D_c = 5^\circ - 00' - 00''$
$LT = 100.02'$	$R = 1145.92'$
$ST = 50.02'$	$T_s = 168.78'$
	$L_c = 335.16'$
	$E_s = 12.36'$
	$e_{max} = .0282$ FT/FT

LEGEND - DRAFTING SYMBOLS	
County Line	-----
Township Line	- - - - -
Section Line	-----
Corporation Line	-----
Fence Line (existing)	---x---
Fence Line (proposed)	---x---
Center Line	352 353
Trees	⊙
Stumps	⊙
(to be removed)	⊗
Utility Poles: Telephone	⊕
Power	⊕
Light	⊕
Limited Access (only)	----- L/A -----
Right of Way (only)	----- R/W -----
Limited Access & Right of Way	----- L/A & R/W -----
Existing Right of Way	----- R/W -----
Property Line	----- (In existing fence) -----
Railroad	+++++ or ++++++
Guardrail (existing)	----- (proposed) -----

CUYAHOGA COUNTY  
 LAKE COUNTY  
 CUY/LAK-91-15.42/0.00

SCHEMATIC PLAN  
 SR 91

CALCULATED  
 BUK  
 CHECKED  
 DRL

2  
 104