

HORIZONTAL SCALE IN FEET

SCHEMATIC PLAN & DESIGN DESIGNATION

SUM/POR-21-30.51-0.00
AND VARIOUS

CITY OF VICTORY

CITY OF LINNEN

CITY OF VICTORY

The coordinate values shown herein are converted from the Ohio State Plane Coordinate System, South Zone. The values were established using CORS Station LEBA with an applied scale factor of 1.000012754. These values are ground values and were further converted to English units.

CURVE DATA
P.I. Sta. 150+59.03, @ Constr. S.R. 21
 $\Delta = 2^\circ 01' 10''$ LT
 $D_c = 0^\circ 15' 00''$
 $R = 22,918.31'$
 $T = 403.93'$
 $L = 807.78'$
 $E = 3.56'$
 $e_{max} = NC$

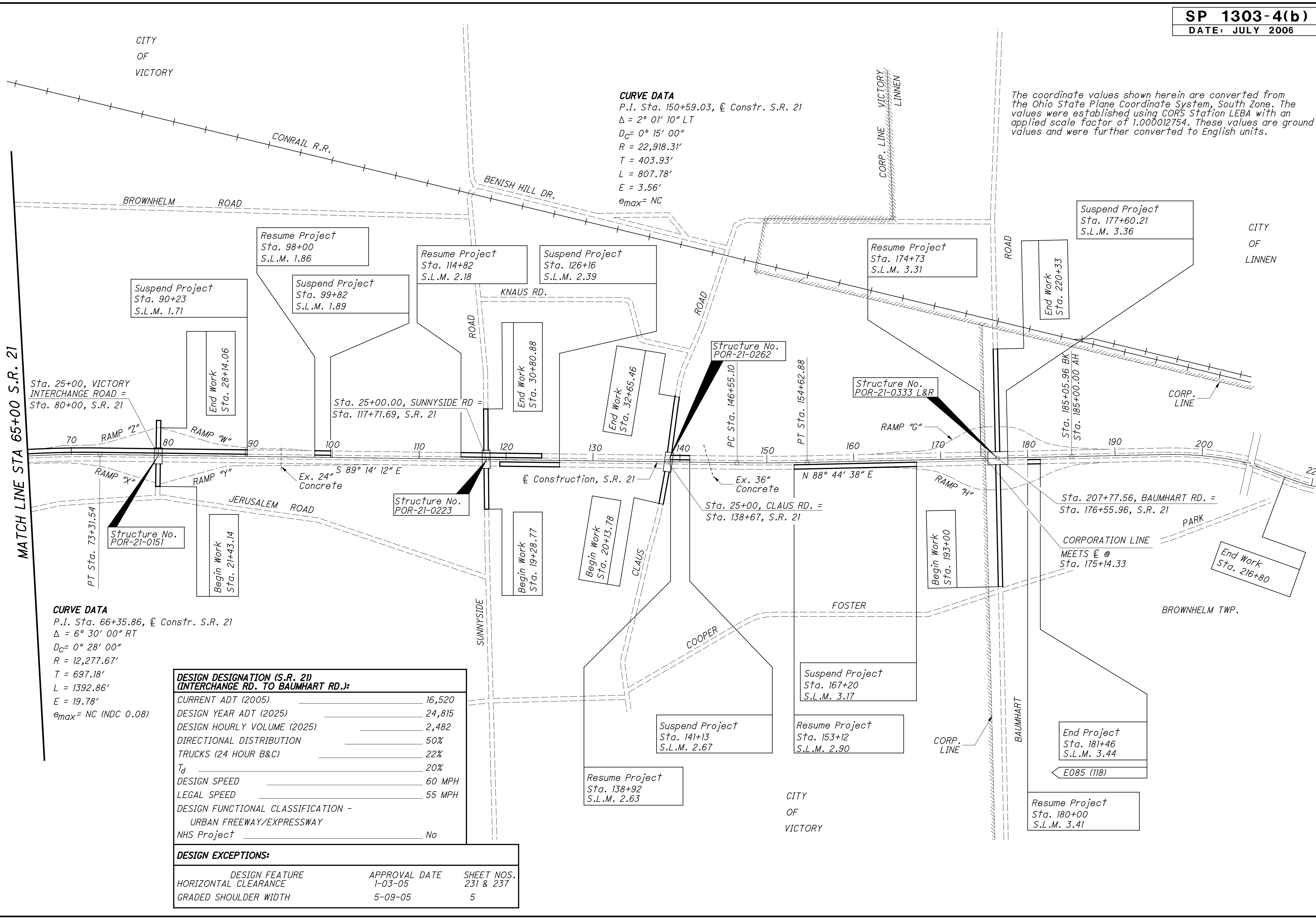
CURVE DATA
P.I. Sta. 66+35.86, @ Constr. S.R. 21
 $\Delta = 6^\circ 30' 00''$ RT
 $D_c = 0^\circ 28' 00''$
 $R = 12,277.67'$
 $T = 697.18'$
 $L = 1392.86'$
 $E = 19.78'$
 $e_{max} = NC$ (NDC 0.08)

**DESIGN DESIGNATION (S.R. 21)
(INTERCHANGE RD. TO BAUMHART RD.):**

CURRENT ADT (2005)	16,520
DESIGN YEAR ADT (2025)	24,815
DESIGN HOURLY VOLUME (2025)	2,482
DIRECTIONAL DISTRIBUTION	50%
TRUCKS (24 HOUR B&C)	22%
T_d	20%
DESIGN SPEED	60 MPH
LEGAL SPEED	55 MPH
DESIGN FUNCTIONAL CLASSIFICATION - URBAN FREEWAY/EXPRESSWAY	
NHS Project	No

DESIGN EXCEPTIONS:

DESIGN FEATURE	APPROVAL DATE	SHEET NOS.
HORIZONTAL CLEARANCE	1-03-05	231 & 237
GRADED SHOULDER WIDTH	5-09-05	5



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MATCH LINE STA 65+00 S.R. 21