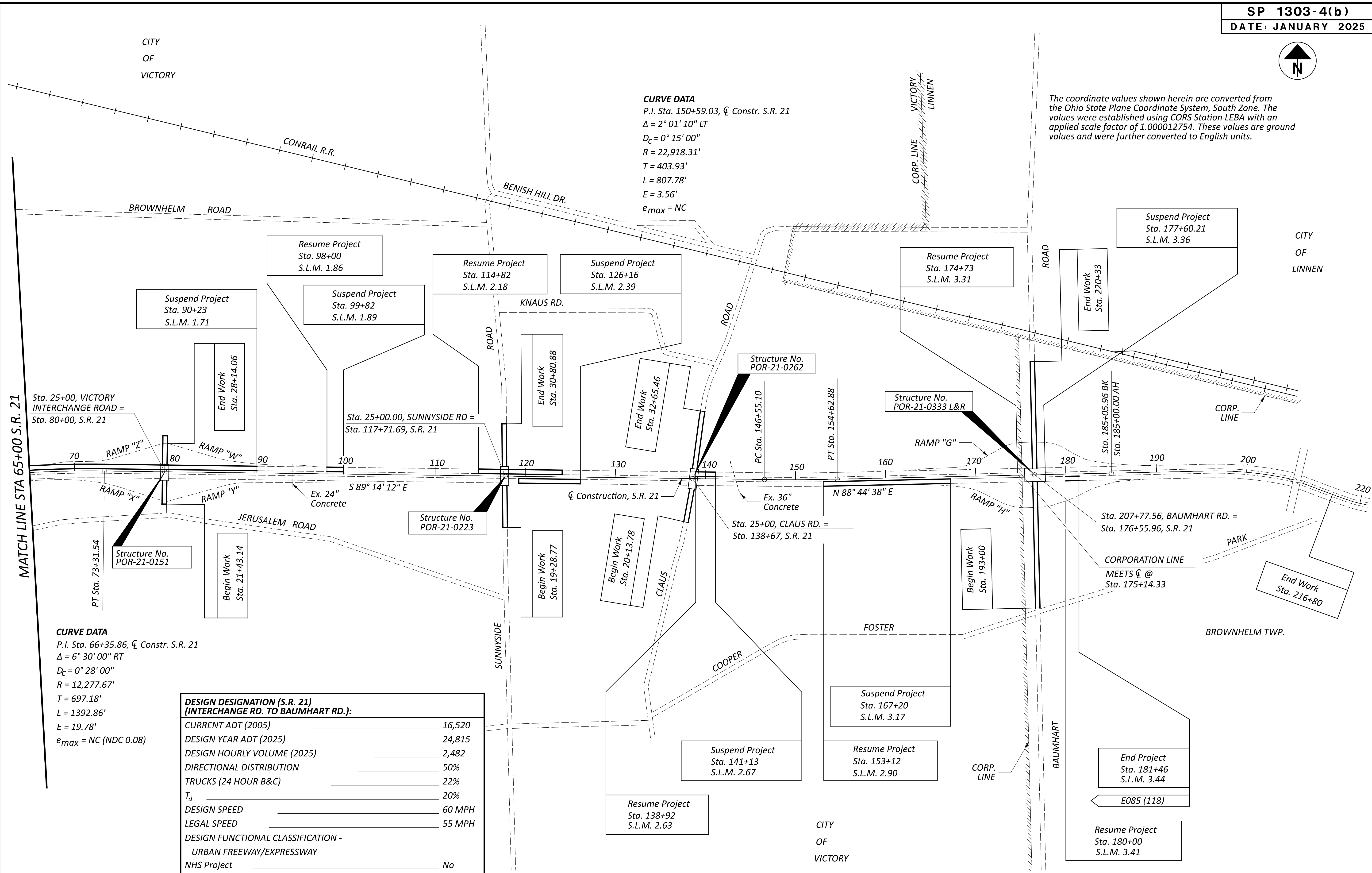


The coordinate values shown herein are converted from the Ohio State Plane Coordinate System, South Zone. The values were established using CORS Station LEBA with an applied scale factor of 1.000012754. These values are ground values and were further converted to English units.



CURVE DATA
P.I. Sta. 150+59.03, ζ 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, ζ 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:

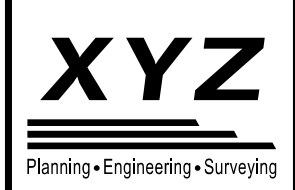
DESIGN FEATURE	APPROVAL DATE	SHEET NOS.
HORIZONTAL CLEARANCE	1-03-05	P.231 & P.237
GRADED SHOULDER WIDTH	5-09-05	P.5

SUM/POR-21-30.51-0.00 AND VARIOUS

MODEL: SP1303-4b PAPER SIZE: 34x22 (in.) DATE: 1/17/2025 TIME: 8:00:00 AM
pw:\ohiodot-pw-bentley.com\ohiodot-pw-02\Documents\03_Standards\Sample Plans\SP1303-4b.dgn

SCHEMATIC PLAN & DESIGN DESIGNATION

DESIGN AGENCY



DESIGNER

PCW

REVIEWER

MFD 01/17/25

PROJECT ID

130304

SHEET TOTAL

P.3 267