

LAKE COUNTY
LAK-2-0.00
In Wickliffe

LAKELAND CURVE DATA

$\Delta = 13^{\circ}29'56.48''$
 $D = 1^{\circ}30'$
 $L = 899.933'$
 $R = 3819.720'$
 $T = 452.060'$
 $C = 897.855'$
 $E = 26.657'$

DESIGN SPEED - 60 MPH
SUPERELEVATION - .036 Ft./Ft.

ELEVATIONS LLOYD RD - NO SCALE

648.58	648.94	649.17	649.37	649.57	649.76	649.94	650.11	650.27	650.42	650.56	Sta 4+00
648.47	648.81	649.07	649.33	649.59	649.85	650.11	650.37	650.63	650.89	651.15	Sta 3+50
648.36	648.70	648.96	649.22	649.48	649.74	650.00	650.26	650.52	650.78	651.04	Sta 3+00
648.25	648.59	648.85	649.11	649.37	649.63	649.89	650.15	650.41	650.67	650.93	Sta 2+50
648.14	648.48	648.74	649.00	649.26	649.52	649.78	650.04	650.30	650.56	650.82	Sta 2+00
648.03	648.37	648.63	648.89	649.15	649.41	649.67	649.93	650.19	650.45	650.71	Sta 1+50
647.92	648.26	648.52	648.78	649.04	649.30	649.56	649.82	650.08	650.34	650.60	Sta 1+00
647.81	648.15	648.41	648.67	648.93	649.19	649.45	649.71	649.97	650.23	650.49	Sta 0+50

FOUNDATION SOUNDINGS: Foundation design and foundation quantities are based on a study of rod soundings and soil-sampling soundings made at the site. This sounding information may be inspected in the office of Bureau of Bridges in Columbus or in the Division office, but the State does not guarantee the accuracy thereof.

PROPOSED STRUCTURE
TYPE: Continuous reinf. conc. slab with reinf. conc. substructures.
SPANS: 44'-55'-44' o/c brgs
ROADWAY: W.B. Lanes 66'-0" w/ parapets
 E.B. Lanes 54'-0" w/ parapets
LOAD FREQUENCY: GF-2000 (57)
 (Adequate for AASHTO alternate loading)
SKEW: 4°55' Left Forward
WEARING SURF: 1" Monolithic conc.
APPROACH SLABS: A5'-1'-54' (25' long)
ALIGNMENT: 1°-30' Curve left
SUPERELEVATION: .036 ft. per ft.

B.M. - Approx. 9' E. of C.L. of Lloyd Rd. and 10' S. of C.L. of Lakeland Blvd., 13.58' SE. of mon. box C.L. int. 42.45' N.E. of top and center of hyd. on S.W. corner. Elev. = 647.902

Average estimated pay length of 12 BP53 piles:
 West Bound Bridge { Fwd. Abut. 24'-0"
 Rear Abut. 21'-0"
 East Bound Bridge { Fwd. Abut. 23'-0"
 Rear Abut. 19'-0"

STATE OF OHIO
DEPARTMENT OF HIGHWAYS
BUREAU OF BRIDGES

SITE PLAN

Bridge No. LAK-2-0031 L & R
 SECTION OVER LLOYD ROAD
 LAKELAND - LLOYD RD. BRIDGE

Scale 1" = 20'
 Sta. 116+28.00
 Sta. 117+72.50

TOPOGRAPHY	DESIGN	DR. BY	CHKD.	REVIEWED	DATE
		J.H.B.	J.H.B.	J.P.R.	P.E.S.