

MICROFILMED
SEP 17 1986

2 FR BARN

PC = Sta. 193+11.271

N 55°46'44.49"E

36' Prop. Pav.
36' Median
36' Prop. Pav.

End Appr. Slab Sta. 195+14.24

I-9

RUSH RD
S 29°32'32.86"E

I-9

Begin Appr. Slab Sta. 196+79.26

PT = Sta. 198+81.767

N 53°52'38.54"E

LAKELAND
CURVE DATA

- Δ = 01° 54' 05.95"
- D = 0° 20'
- L = 570.496'
- R = 17188.734'
- T = 285.273'
- C = 570.307'
- E = 2.365'

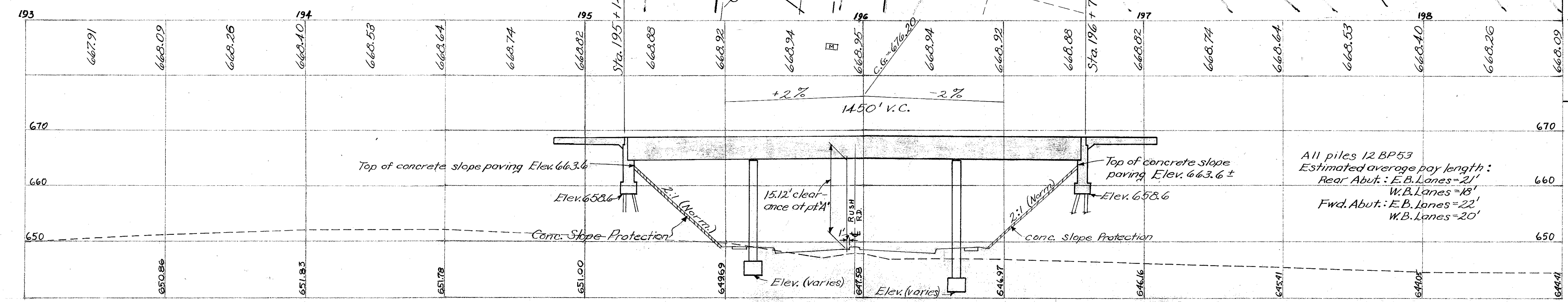
DESIGN SPEED : 60MPH
NO SUPER ELEVATION

B.M. - D.H. in X N.W. Corner on Concrete Base
@ Gas Pump, # 30240 Lakeland Blvd.
(Sta 83+10 - 66'R.) @ Z & W Machine Co.
Elev. = 652.898
B.M. - R.R. Spike in CEI Co. Pole #532410
Sta 107+34 - 34'R of Lakeland Blvd.
Elev. = 650.303

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 the Bureau of Bridges in Columbus or in the Division office, but the State does not guarantee the accuracy thereof.

* Adequate for AASHTO alternate loading.

PROPOSED STRUCTURE
Type: Continuous steel beams with reinf. concrete deck and reinf. concrete substructure.
Spans: 44'-72.5'-44' brgs.
Roadway - Two at 5 1/2% of concrete parapets.
Load Frequency: CF=2000 (57). *
Skew: 5°35' L.F.
Wearing Surface: 1" Monolithic concrete.
Approach Slabs: AS-1-54 (25' long).
Alignment: 0°20' Curve left.
Super-elevation: None.



All piles 12 BP53
Estimated average pile length:
Rear Abut.: E.B. Lanes = 21'
W.B. Lanes = 18'
Fwd. Abut.: E.B. Lanes = 22'
W.B. Lanes = 20'

STATE OF OHIO DEPARTMENT OF HIGHWAYS BUREAU OF BRIDGES			
SITE PLAN			
Bridge No LAK-2-0181 L&R			
SECTION STA. 195+14.24 196+79.26			
LAKELAND-RUSH RD BRIDGE			
Scale 1"=20' Lake County			
TOPOGRAPHY		PROPOSED WORK	
Survey	Dr. By	Design	Dr. By
	je.r	je.r	je.r
Ch'kd	Reviewed	Date	
	B.D.H.	P.E. & S.	