

MICROFILMED
JAN 4 1988

FED. RD. DIVISION	STATE	PROJECT	TYPE FUNDS
2	OHIO		

SANDUSKY COUNTY
SAN-20-14.60
2.2 Miles N.W. Fremont

147

FOUNDATION INFORMATION: Foundation design and foundation quantities are based on a study of borings made at the site. This information may be inspected in the office of the Bureau of Bridges in Columbus or in the Division Office at Toledo, but the State assumes no responsibility for the accuracy thereof.

B.M. #55 Spk In Power
Pole 300' Lt Of E Survey
P.O.T. Sta 523+00
EL. = 629.37

Steel-H(12BP53) Piling driven to a firm contact with rock are to be used at both the abutment and the piers.

Estimated Average Pile Length.

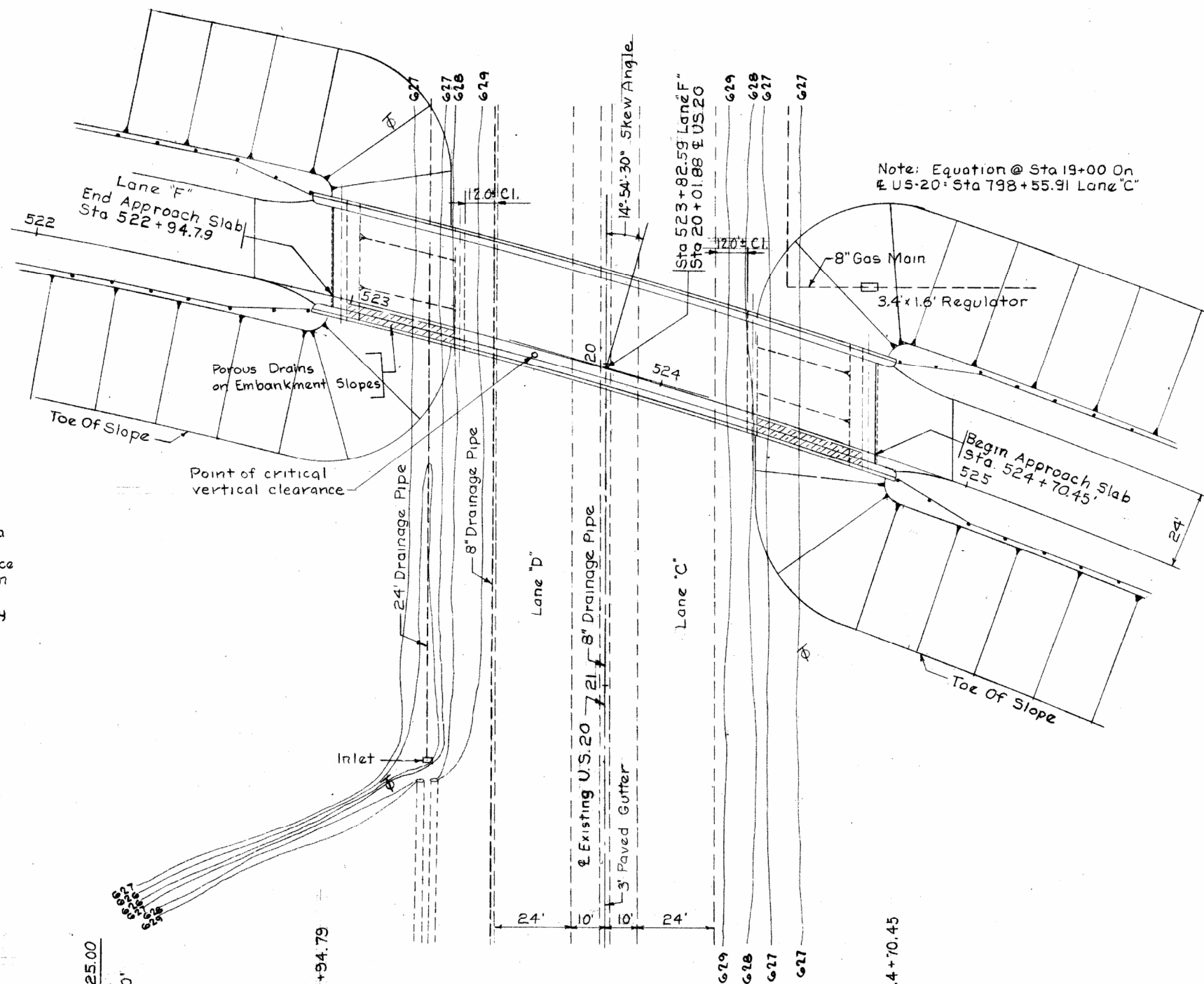
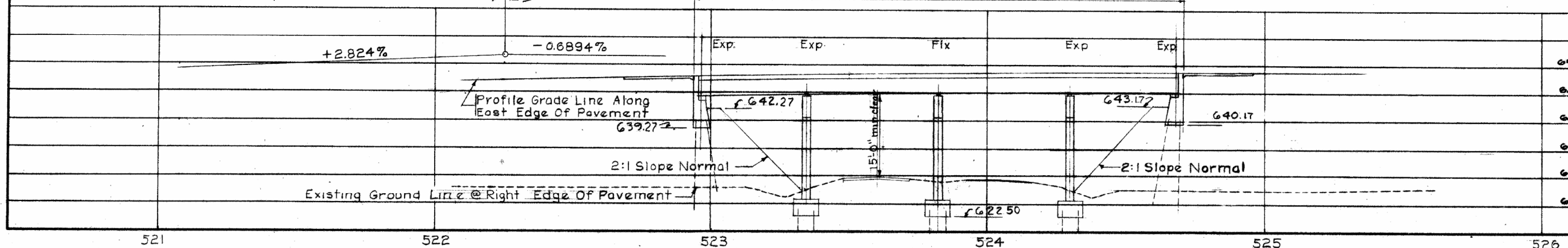
Rear Abutment	38'
Pier No. 1	20'
Pier No. 2	21'
Pier No. 3	25'
Forward Abutment	41'

YPT 522+25.00
EI = 651.64
VC = 1000.00'

Sta. 522+94.79

Bridge Limits = 175.66'

Sta. 524+70.45



PROPOSED STRUCTURE
TYPE: Continuous Steel Beam, Concrete Deck On Capped Pile Abut. & Rigid Frame Piers.
SPAN: 38-47.5-47.5-38
ROADWAY: 30' f.to.f. Curbs + 2' Safety Curb
LOAD FREQ. RATING: CF-2000-51
SKIEW: 14°54'30" @ Sta. 523+82.59, Rt. Fwd.
ALIGNMENT: 3°16.105' Curve
SURFACE COURSE: 1" Monolithic Concrete
SUPERELEVATION: 0.0625'/ft.
APPROACH SLAB: Flared, L=25'

Revised 9-19-55
Revised 7-28-55
Preliminary Design Date 4-7-55

CONSOER, TOWNSEND & ASSOCIATES
CONSULTING ENGINEERS CHICAGO, ILLINOIS

SITE PLAN
 BRIDGE NO. SA 12 99 F
 OVER US 20
 SANDUSKY CO. SR 12
 SCALE 1" = 20' STA 522+94.79 TO 524+70.45

PRESENT TOPOGRAPHY
 SURVEYED CTFA
PROPOSED WORK
 DESIGNED CTFA
 DRAWN JEM
 CHECKED CWN
 REVIEWED HSM