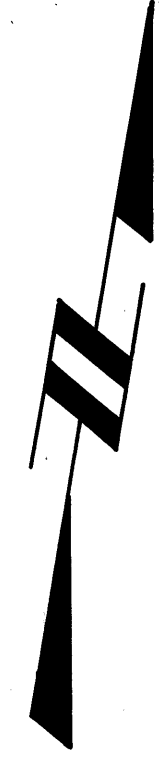


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LAKE COUNTY
U.S. ROUTE 6 OVER THE CHAGRIN RIVER
LAK-6-4.61

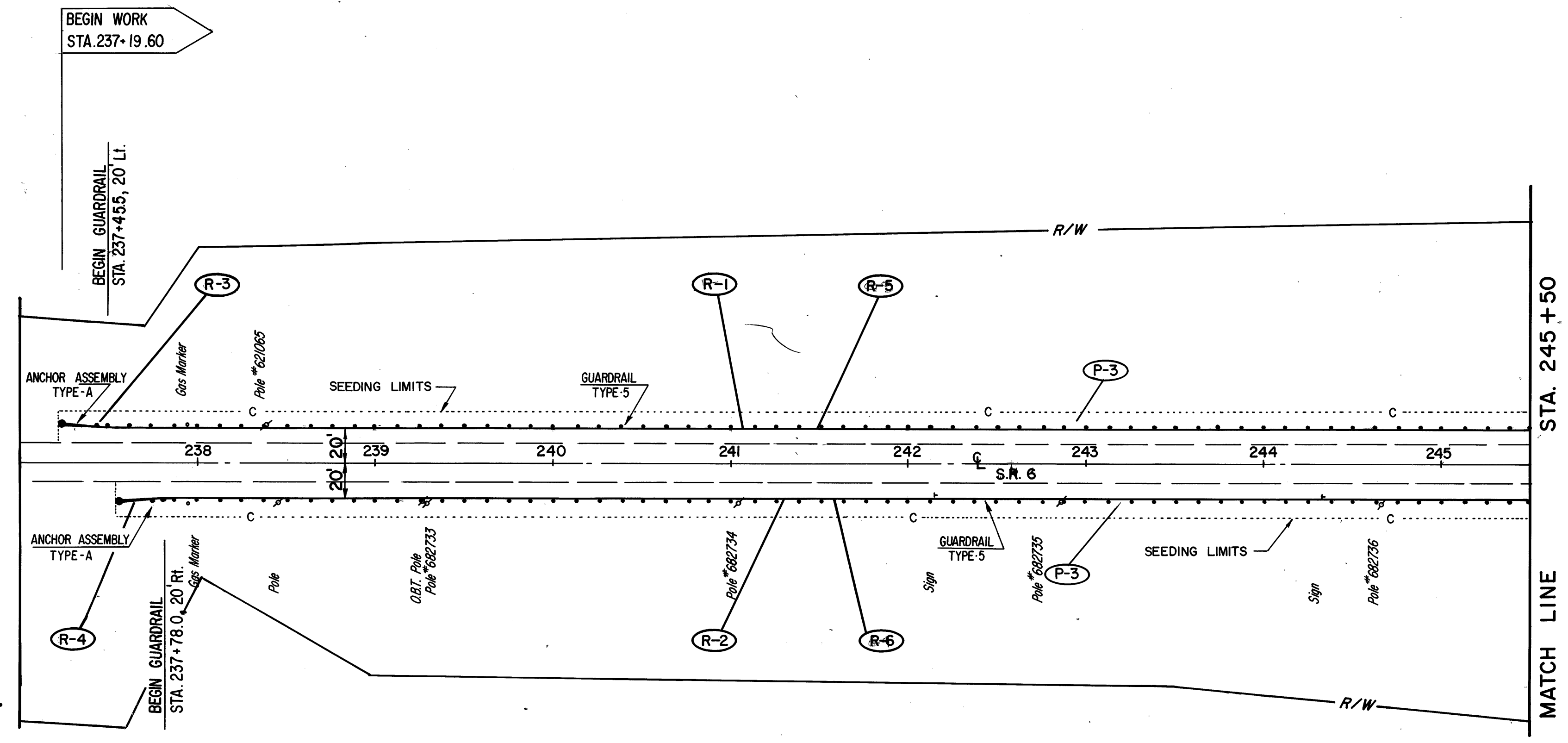
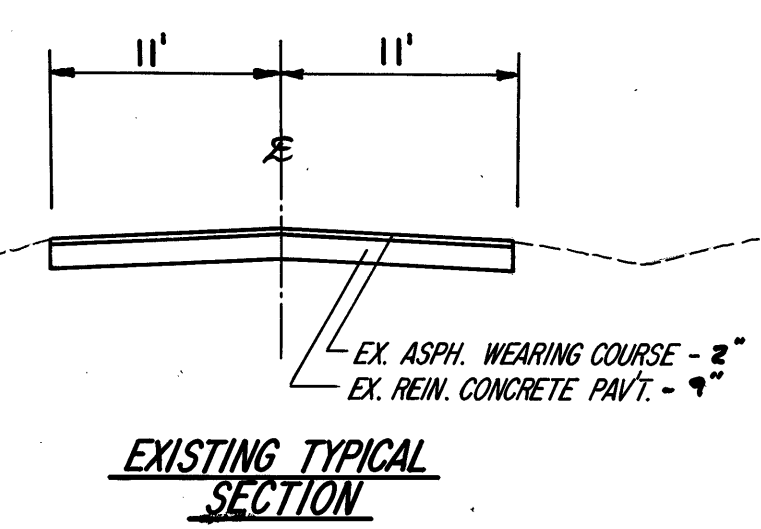
CALCULATIONS

ITEM 202 WEARING COURSE REMOVED.
STA. 248+16.40 AND STA. 252+49.66
22' (Exist Pav't.) x 10' (Length) = 220.0 sq.ft.
220.0 sq.ft. ÷ 9 = 24.4 sq.yds. x 2 = 48.8 sq.yds.
TOTAL ITEM 202 = 48.8 Sq. Yds.

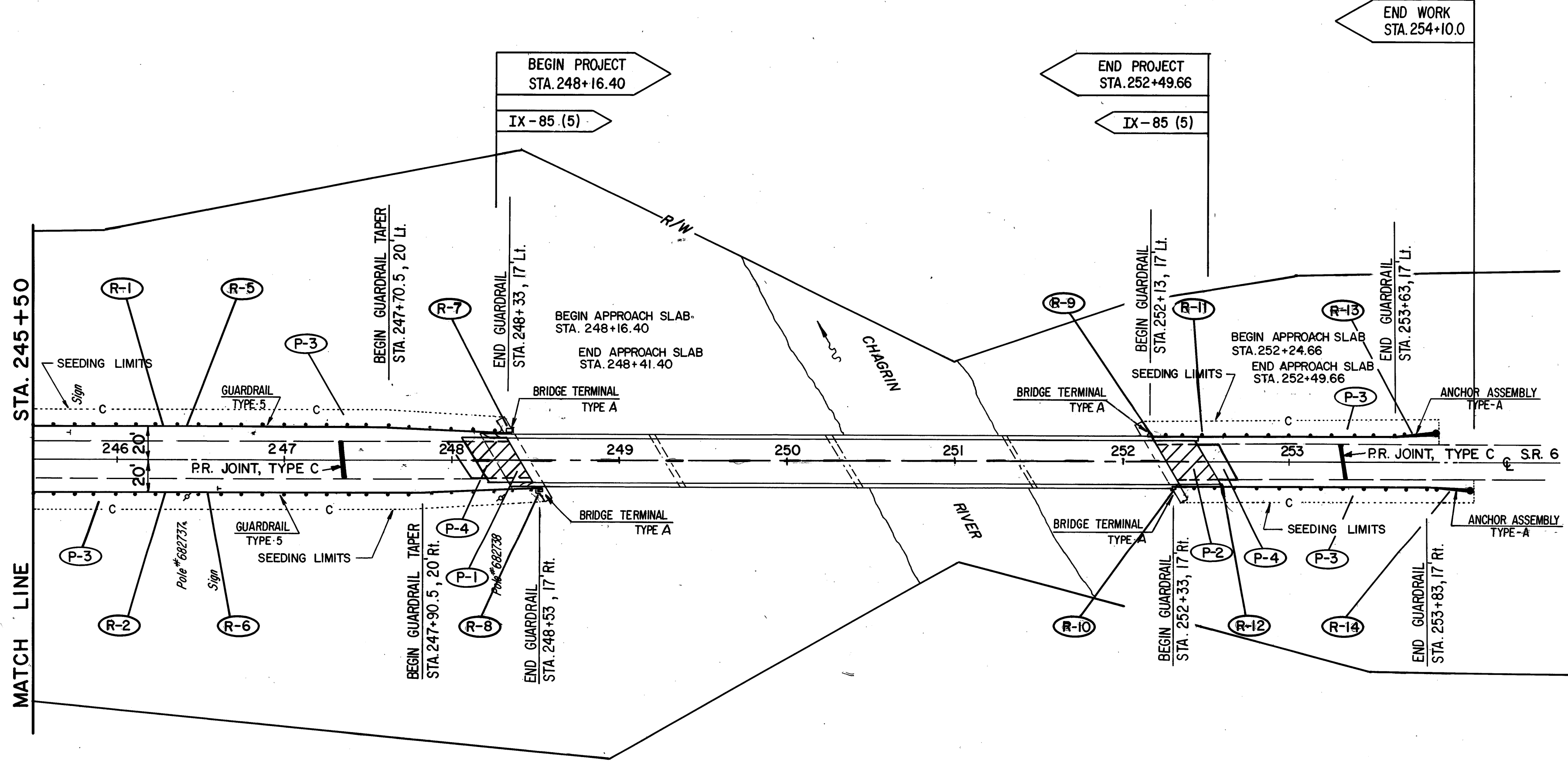
ITEM 404 1" ASPHALT CONCRETE AC-20.
TOTAL from ITEM 202 = 48.8 sq.yds.
48.8 s.y. x 9 = 439.2 sq.ft.
439.2 s.f. x 1" (.08) ÷ 27 = 1.30 cu.yd.
TOTAL ITEM 404 = 1.30 Cu. Yds.

ITEM 407 TACK COAT
TOTAL from ITEM 202 = 48.8 sq.yds.
48.8 s.y. x 0.10 / sq.yd. = 4.88 gals.
TOTAL ITEM 407 = 5 Gal.

ITEM 202 PAVEMENT REMOVED.
STA. 248+16.40 AND STA. 252+49.66
22' x (25' + 25') ÷ 9' = 122.2 sq. yds.
TOTAL ITEM 202 = 122.2 Sq. Yds.



ITEM 202 - PAVEMENT REMOVED



REF.	LOCATION	S.Y.	GAL.	CU. YD.	S.Y.	CU. YD.	S.Y.	CU. YD.	S.Y.	CU. YD.
202	PAVEMENT REMOVED									
407	TACK COAT									
659	SEEDING & MULCHING									
202	WEARING COURSE REMOVED									
611	APPROACH SLAB									
404	1" ASPHALT CONCRETE AC-20									
310	SUBBASE TYPE-II									
203	SUBGRADE COMPACTION									
	TOTAL									

ROADWAY	REF.	LOCATION	L.F.	E.A.	L.F.	E.A.	TOTAL
202	605	AGGREGATE DRAINS					60
	606	PRESSURE RELIEF JOINT, TYPE C					44
	606	ANCHOR ASSEMBLY, TYPE A					4
	606	BRIDGE TERMINAL ASSEMBLY, TYPE A					4
	606	GUARDRAIL, TYPE 5					4
	202	GUARDRAIL REMOVAL					22195
		TOTAL					22195

LAKE INC. ENGINEERING
WICKLIFFE, OHIO

GUARDRAIL REPLACEMENT
U.S. ROUTE 6 OVER
THE CHAGRIN RIVER
LAKE COUNTY, OHIO

SCALE: _____ DATE: _____

DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE	REVISED
<i>DA</i>	<i>DA</i>	<i>DA</i>	<i>KL</i>	<i>WSP</i>	<i>7/12/83</i>	