

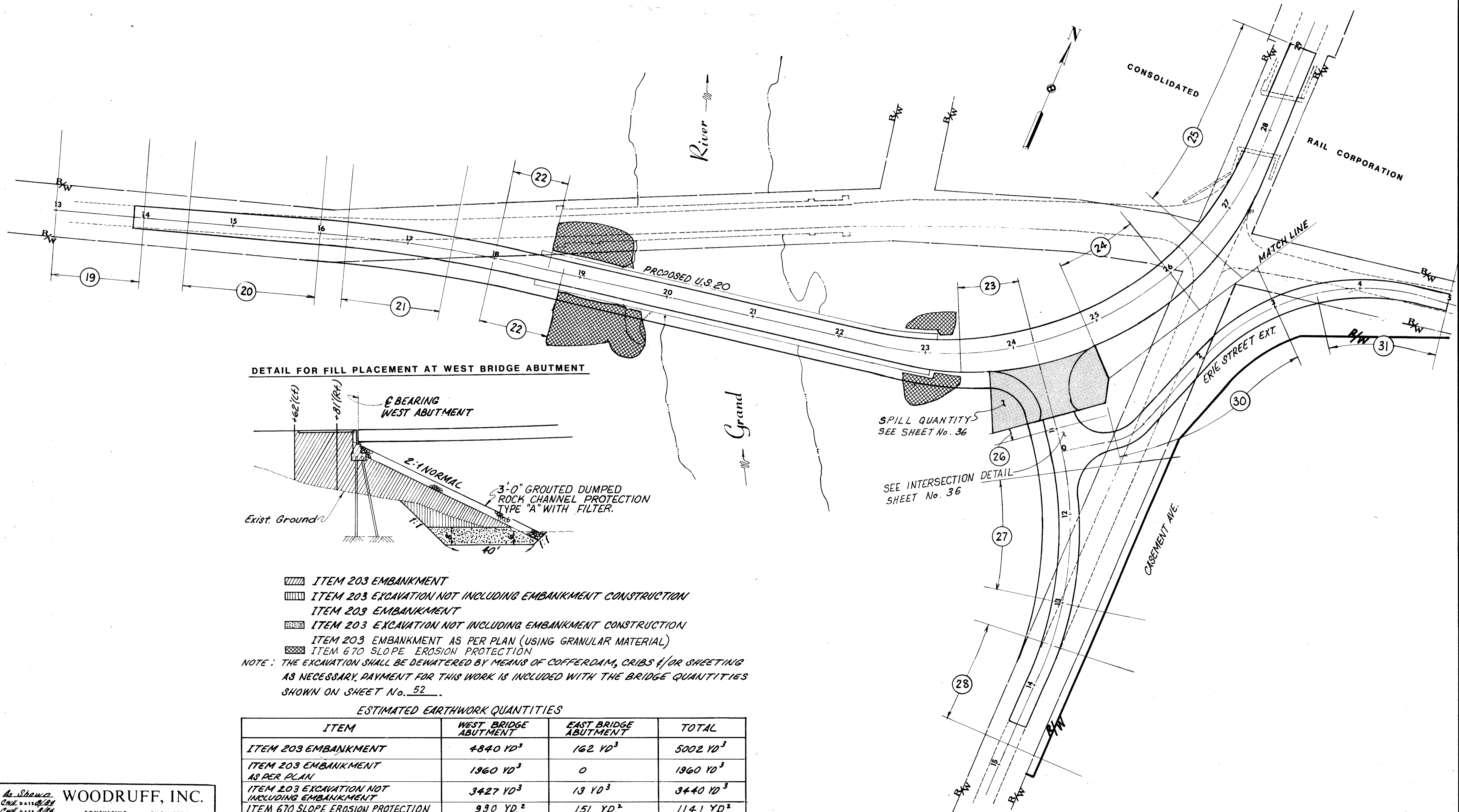
CROSS SECTION LAY-OUT SHEET

QUANTITY CALCULATIONS
 BY CWH DATE 8/84
 CHKD. DKC DATE 1-85
 WOODRUFF, INC.

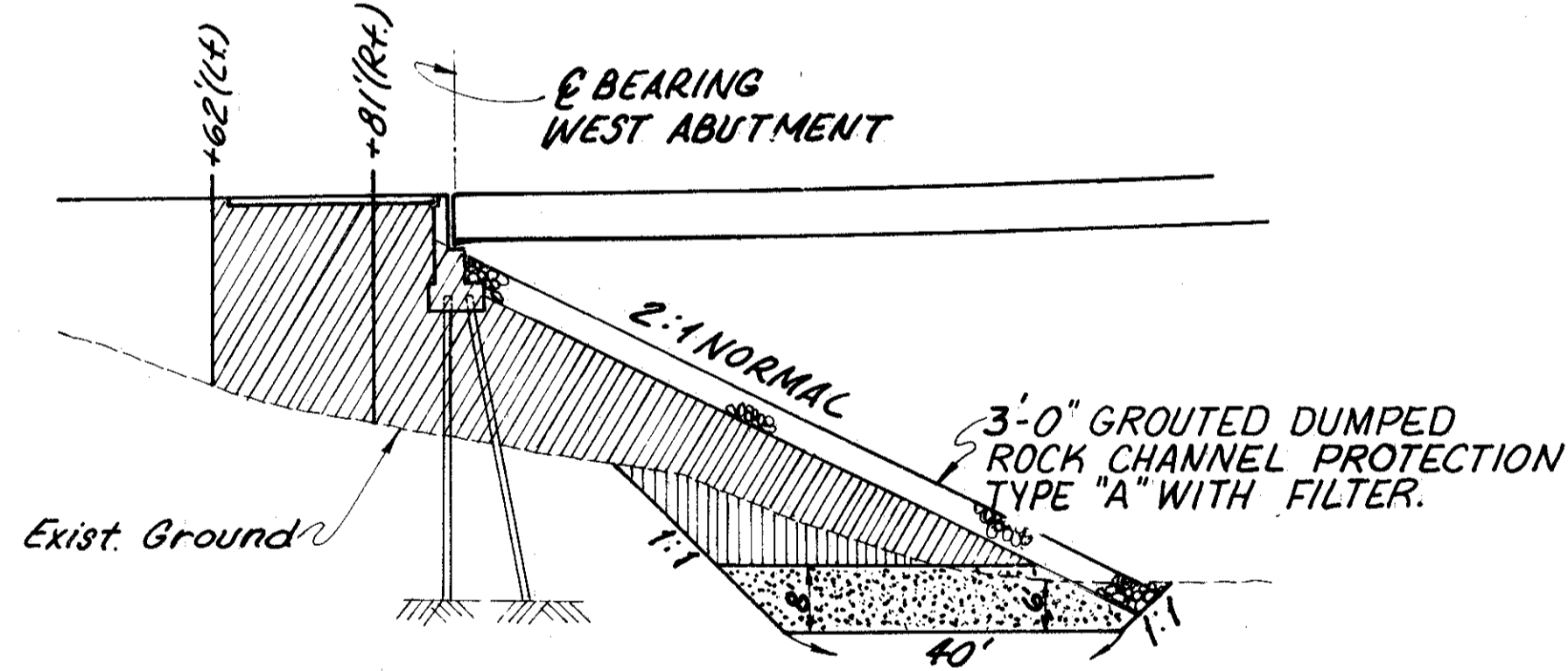
F.H.A. REGION	STATE	PROJECT
5	OHIO	

18
86

LAKE COUNTY
 LAK-20-17.14



DETAIL FOR FILL PLACEMENT AT WEST BRIDGE ABUTMENT



- ▨ ITEM 203 EMBANKMENT
- ▩ ITEM 203 EXCAVATION NOT INCLUDING EMBANKMENT CONSTRUCTION
- ▧ ITEM 203 EMBANKMENT
- ▦ ITEM 203 EXCAVATION NOT INCLUDING EMBANKMENT CONSTRUCTION
- ▤ ITEM 203 EMBANKMENT AS PER PLAN (USING GRANULAR MATERIAL)
- ▣ ITEM 670 SLOPE EROSION PROTECTION

NOTE: THE EXCAVATION SHALL BE DEWATERED BY MEANS OF COFFERDAM, CRIBS &/OR SHEETING AS NECESSARY. PAYMENT FOR THIS WORK IS INCLUDED WITH THE BRIDGE QUANTITIES SHOWN ON SHEET No. 52.

ESTIMATED EARTHWORK QUANTITIES

ITEM	WEST BRIDGE ABUTMENT	EAST BRIDGE ABUTMENT	TOTAL
ITEM 203 EMBANKMENT	4840 YD ³	162 YD ³	5002 YD ³
ITEM 203 EMBANKMENT AS PER PLAN	1960 YD ³	0	1960 YD ³
ITEM 203 EXCAVATION NOT INCLUDING EMBANKMENT	3427 YD ³	13 YD ³	3440 YD ³
ITEM 670 SLOPE EROSION PROTECTION	990 YD. ²	151 YD. ²	1141 YD. ²

SCALE *As Shown*
 MADE C.W.D. DATE 8/84
 TRCD C.W.D. DATE 8/84
 CED. DKC DATE 1-85

WOODRUFF, INC.
 CONSULTING ENGINEERS
 CLEVELAND OHIO