

SUMMARY OF BRIDGE QUANTITIES CODE NO. X020

BRIDGE NO.	ITEM NO.		103	S.P. & 802	S.P. & 803	S.P. & 804	S.P. 805-3	929	S.P. 1052-8
	ITEM		DRY EXCAVATION FOR STRUCTURES	CL. - "S" CONCRETE FOR BRIDGES	REINFORCING STEEL	PRECAST CONCRETE PILING (6" OCTAG.)	STEEL PLATE GUARD RAIL (10 GAGE)	BRIDGE NAME PLATES (TYPE "C")	REMOVAL OF EXISTING BR. STRUCTURES & MAINT. OF TRAFFIC
	UNIT OF BRIDGE	UNIT	Cu. Yd.	Cu. Yd.	Lb.	Lin. Ft.	Lin. Ft.	EACH	COMP. ITEM
2444	BENTS No. 1 & 4		65	13.60	2058	320		1	
	BENTS No. 2 & 3			11.56	1988	325			
	SPANS No. 1-3			116.80	20,040		172.0		
	TOTALS BRIDGE No. 2444		65	141.96	24,086	645	172.0	1	13 % *
2445	BENTS No. 1 & 6		74	16.14	2452	300		1	
	BENTS No. 2-5			27.28	4692	710			
	SPANS No. 1-5			194.70	33,120		284.0		
	TOTALS BRIDGE No. 2445		74	238.12	40,264	1010	284.0	1	17 % *
2446	BENTS No. 1 & 16		74	16.14	2452	300		1	
	BENTS No. 2-15			95.48	16,308	2465			
	SPANS No. 1-15			582.80	99,380		844.0		
	TOTALS BRIDGE No. 2446		74	694.42	118,140	2765	844.0	1	51 % *
TOTALS JOB NO. 10514			213	1074.50	182,490	4,420	1,300	3	81 % **

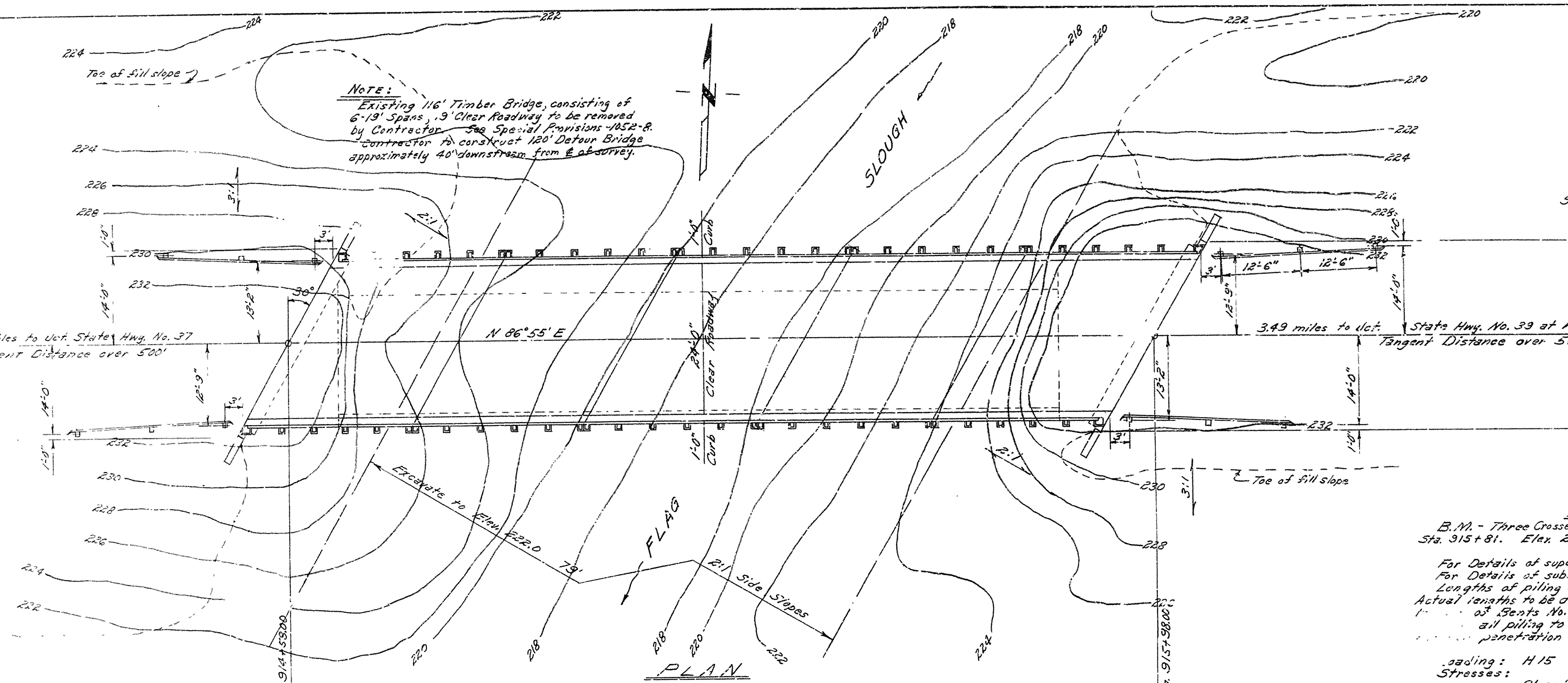
\* Detour Bridge required at this site.  
\*\* For Balance of Item S.P. 1052-8, see Roadway Quantities.

SUMMARY OF QUANTITIES  
WALDENBURG—WEST  
POINSETT COUNTY  
ROUTE 14 SEC. 13  
ARKANSAS STATE HIGHWAY COMMISSION  
LITTLE ROCK, ARK.  
Drawn By: R.M. Date: 5-3-59  
Traced By: Date: 5-4-59  
Checked By: Date: 5-4-59  
BRIDGES NO. 2444-45-46 DRAWING NO. 6603

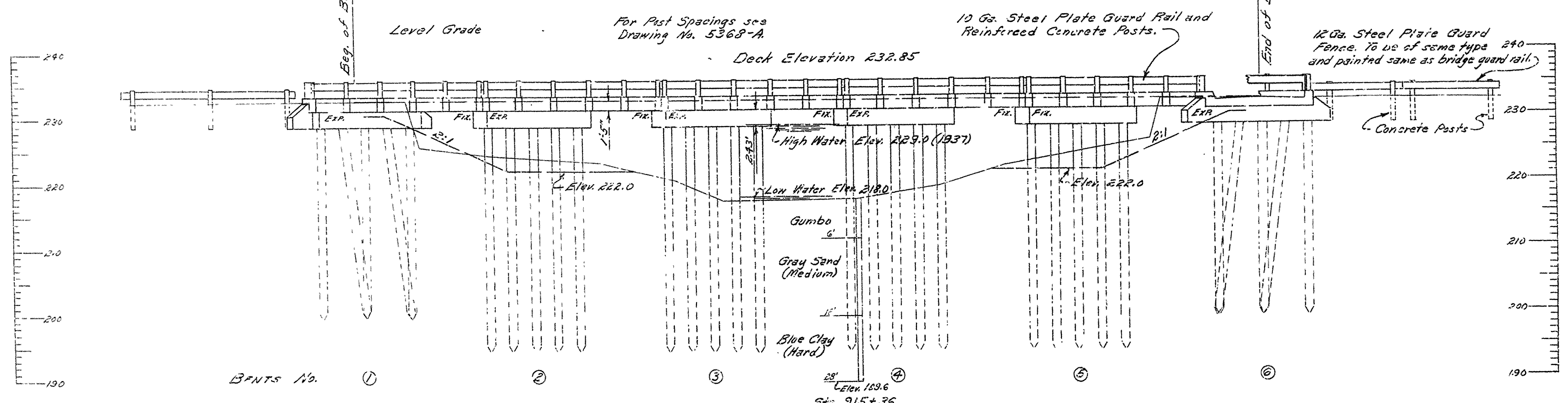
R/W DATA  
40' R.H. & 40' L.H. of Survey (Normal)  
Construction Easement  
Sta. 913+75 to Sta. 916+75 60' R.H. of Survey

GENERAL NOTES

B.M. - Three Crossed Nails in Top of N.E. Pile Post 14' Left of Sta. 915+81. Elev. 231.98  
For Details of superstructure see Drawings No. 5368-A & 5492.  
For Details of substructure see Drawing No. 5492-C.  
Lengths of piling shown are assumed for estimating quantities only.  
Actual lengths to be determined in the field. Drive one 40' test pile at Bents No. 2 & 5.  
Pile piling to a minimum bearing of 32 tons per pile and a penetration of 20 feet.  
Loading: H 15 A.A.S.H.O. 1953  
Stresses: Class "S" Concrete (f' = 10) 1800 p.s.i.  
Reinforcing Steel 20,000 p.s.i.



TOTAL LENGTH OF BRIDGE = 140'-0"  
5 R.C. Slab Spans @ 28'-0" = 140'-0"



NOTE:  
5-16" Octagonal Precast Concrete Piles per Bent.  
End Bents: 30' Piles. Batter Piles No. 2 & 4 1 1/2:1  
Intermediate Bents: 35' Piles

ELEVATION  
Drainage Area = 50 sq. mi.  
C = 0.3

LAYOUT OF BRIDGE  
OVER FLAG SLOUGH  
WALDENBURG - WEST  
POINTSETT COUNTY  
ROUTE 14 SEC. 13

ARKANSAS STATE HIGHWAY COMMISSION  
LITTLE ROCK, ARK.  
Drawn By: R.M. Date: 4-26-55  
Traced By: Date: 4-26-55  
Checked By: D.E.M. Date: 4-26-55  
BRIDGE NO. 2445 DRAWING NO. 6605

L.P. Carri  
Bridge Design Engineer