

[illegible]

LIST OF STRUCTURES

LOCATION		DESCRIPTION	REMOVE STRUCT.	EXCAVATION		STRUCTURAL EXCAVATION	CONCRETE		CORRUGATED METAL CULVERT PIPE		MISC.
			No.	UNCL.	Cu. Yds.		EMB.	Cu. Yds.	Cu. Yds.	STEEL	
		6' x 7' x 32' Conc. Box Culvert, Channel									
		Cross Culvert, Channel (Slew 60°)									
		Ditch Change									
		Side Drain and Approaches									
		Cross Culvert									
		Ditch 10' x 8' x 38' C.B.C. Chan. (Type 10-Skew 60°)									
		Cross Culvert, Ditches									
		Cross Culvert, Ditches									
		6' x 7' x 34' Conc. Box Culvert, Channel									
		Cross Culvert, Channel									
		10' x 8' x 38' C.B.C. Chan. (Type 10-Skew 70°)									
		Cross Culvert, Ditches									
		6' x 7' x 34' Conc. Box Culvert, Channels									
		Cross Culvert									
		4' x 3' x 34' Conc. Box Culvert									
		Remove Hog Pen									
		Cross Culvert (Slew 45°)									
		6' x 7' x 34' Conc. Box Culvert, Channel									
		Cross Culvert									
		Bridge									
		Cross Culvert									
		Cross Culvert									
		Approaches, Left & Right									
		Cross Culvert, Intersecting Ditch									
		Cross Culvert									
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		Cross Culvert									

* Structural Excavation is estimated to be 50% Rock & 50% Common, each of which is estimated to be 75% Dry and 25% Wet.

GATES

LOCATION	SIDE	BARB WIRE	DRIVE WAY	WHL
959 +00	L		1	
"	R			
972 +00	L		1	
"	R			
1001 +00	R & L		2	
1019 +00	"		2	
1025 +00	"		2	
1036 +00	L		1	
"	R			1
1041 +00	L		1	
"	R			1
1049 +00	L		1	
"	R			1
1056 +80	L		1	
"	R			1
1057 +00	L		1	
"	R			1
1069 +00	L		1	
"	R			1
1082 +00	R		1	
1097 +75	R		1	
1097 +75	L		1	
1255 +80	L		1	
1257 +50	L		1	
1026 +50	L		1	
TOTAL - FAPINE				
" - FLMP - C		9	18	1
GRAND TOTAL		9	18	1

GUARD FENCE

LOCATION	LEFT	RIGHT
1042-54.5-1043+20.5	66	66
1043-58.8-1044+24.8	66	66
1053-41.5-1054+07.5	66	66
1054-45.0-1055+11.0	66	66
1093-76.3-1096+42.5	66	66
1097-10.8-1097+76.8	66	66
1102-00-1104+48	248	248
1102-00-1125+36.8	2344	-
1136-37.3-1126+63.9	66	66
1127-30.8-1128+03.8	66	66
1132-00-1137+32.5	600	-
1146-50-1158+58	1208	-
1160-50-1168+58	808	-
1172-70-1175+98	308	-
1178-40-1183+44	504	-
1193-66-1203+80	1208	-
1203-98.8-1206+63.8	66	66
1207-34.1-1208+00.1	66	66
1208-20-1221+24	1304	-
1273-64.5-1274+30.5	66	66
1275-18.8-1275+04.8	66	66
TOTAL- F.A.P. 113-E	3037	308
- FL.H.P. 2-C	6050	132
GRAND TOTAL		10136

FENCING REQUIREMENTS

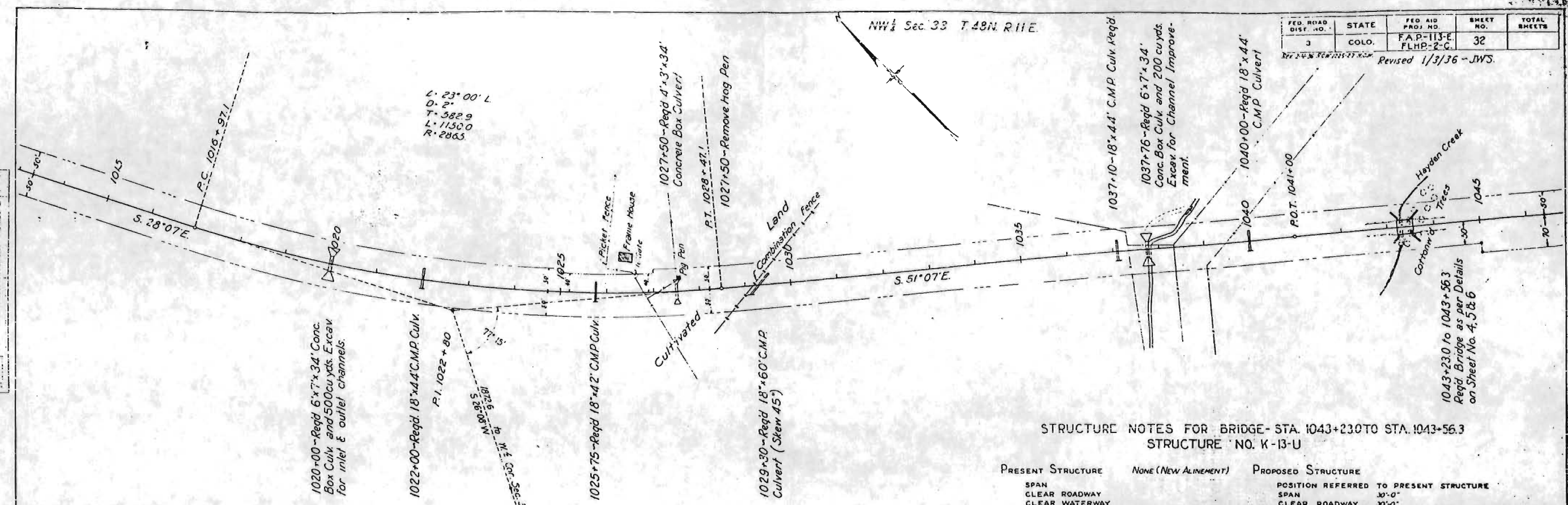
LOCATION	SIDE	PIVOT CENTER		LOCATION	SIDE	PIVOT CENTER	
		IN FT	OUT FT			IN FT	OUT FT
955*90	X	170		1097-08-1104*50	R		755
955*25-1005*15	L		2472		L		742
955*50-981*50	R						
962*60	X	120					
981*76	X	140					
981*50-1005*15	R		2351				
988*75-990*20	L	330					
998*90	L	120					
1012*00-1029*25	R		2380				
1029*25-1043*23	R		1370				
1029*25-1043*23	L		1370				
1043*56-1053*90	R		1040				
1043*56-1054*10	L		1040				
1026*00-1027*50	R	265					
1029*25	X	150					
1037*00-1040*00	R	479					
1049*20	X	110					
1050*50-1054*00	R	470					
1055*05	X	130					
1054*15-1096*45	R		4120				
1055*25-1096*45	L		4064				
1056*00	X	120					
1067*25	X	100					
1074*00-1080*35	R	680					
1087*20-1080*00	X	370					
1093*70	X	100					
1097*00	X	130					
1221*00-1227*60	L	665	710				
1240*00-1258*40	R	1930					
1240*00-1258*40	L		1030				
1261*55-1268*95	R	775	760				
12771*90-1285*60	R	860	780				
TOTAL FLAP-1132							
FLAP-EC							
GRAND TOTAL							

Revised 1/3/36 - JWS

FEB 1960 Dist No	STATE	Police No	Sheet No	TOTAL SHEETS
3	COLO	11111	3	1

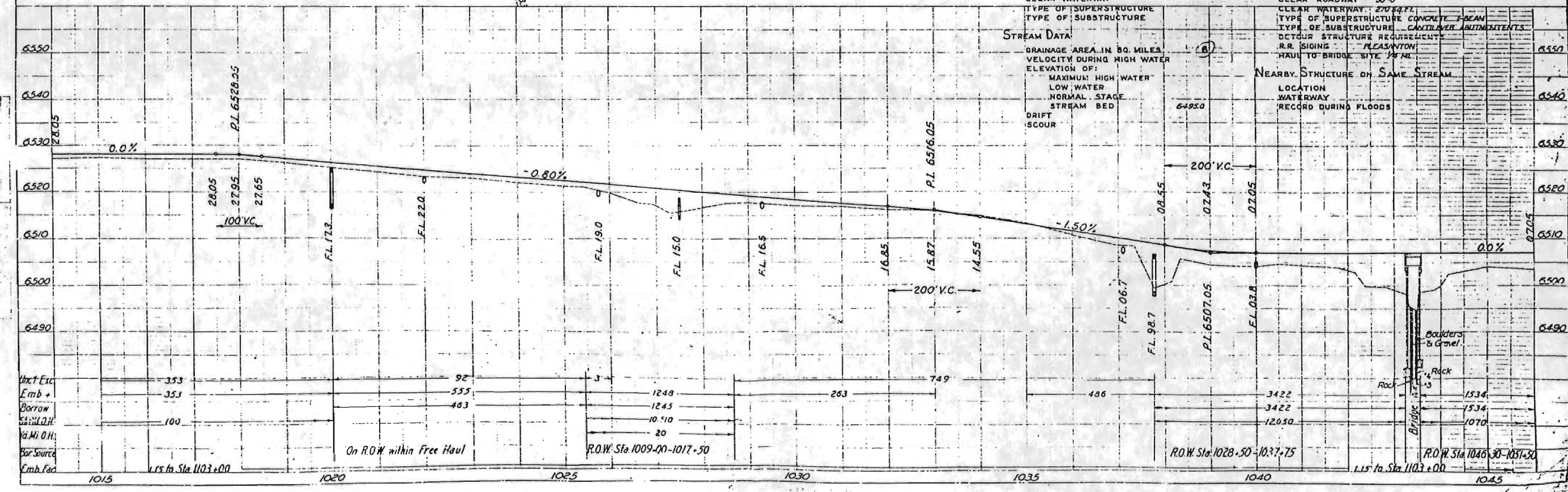
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	F.A.P.-113-E FLMP-2-C	32	

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STRUCTURE NOTES FOR BRIDGE- STA. 1043+23.0 TO STA. 1043+56.3
STRUCTURE NO. K-13-U

PRESENT STRUCTURE	NONE (NEW ALIGNMENT)	PROPOSED STRUCTURE
SPAN CLEAR ROADWAY CLEAR WATERWAY		POSITION REFERRED TO PRESENT STRUCTURE SPAN CLEAR ROADWAY CLEAR WATERWAY
TYPE OF SUPERSTRUCTURE TYPE OF SUBSTRUCTURE		TYPE OF SUPERSTRUCTURE TYPE OF SUBSTRUCTURE
STREAM DATA: DRAINAGE AREA IN SQ. MILES VELOCITY DURING HIGH WATER ELEVATION OF: MAXIMUM HIGH WATER LOW WATER NORMAL STAGE STREAM BED DRIFT SCOUR		NEARBY STRUCTURE ON SAME STREAM LOCATION WATERWAY RECORD DURING FLOODS



Dist. Exc.	Emb.	Borrow	Vol. M. O.H.	Dist. Source	Emb. Fac.
353	353	100			
92	553	463			
1248					
1245					
10.10					
20					

On R.O.W. within Free Haul

R.O.W. Sta 1009+00-1017+50

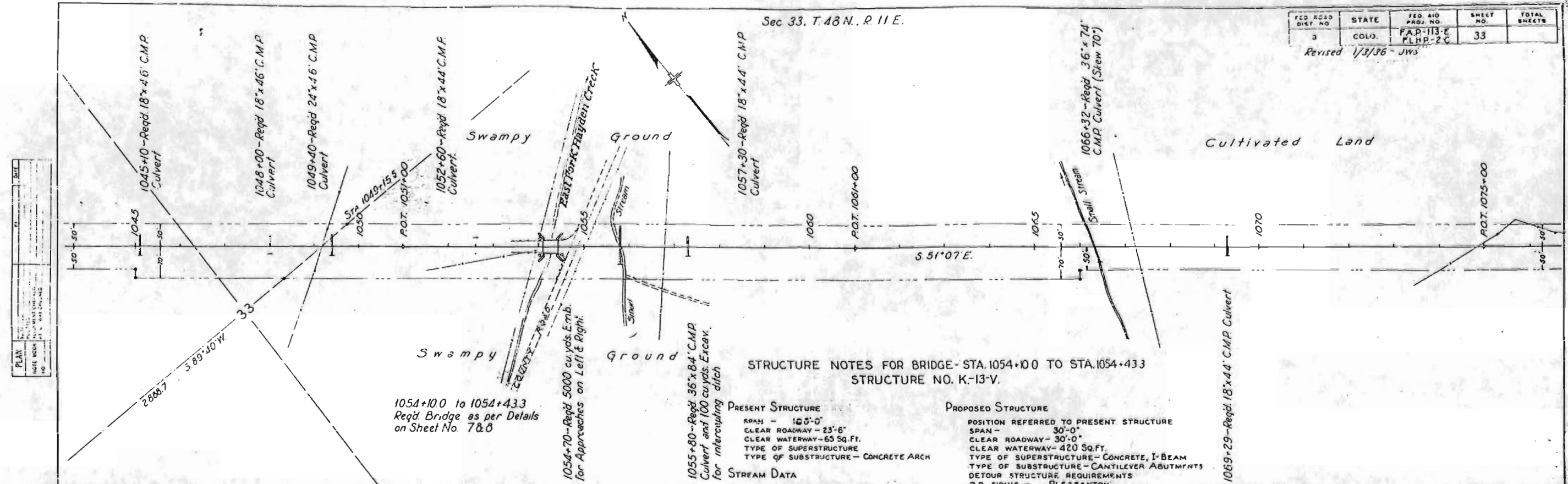
R.O.W. Sta 1028+50-1037+75

R.O.W. Sta 1046+30-1051+50

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	F.A.P. 113-E FLHP-2-C	33	

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Sec 33, T.48 N., R.11 E.



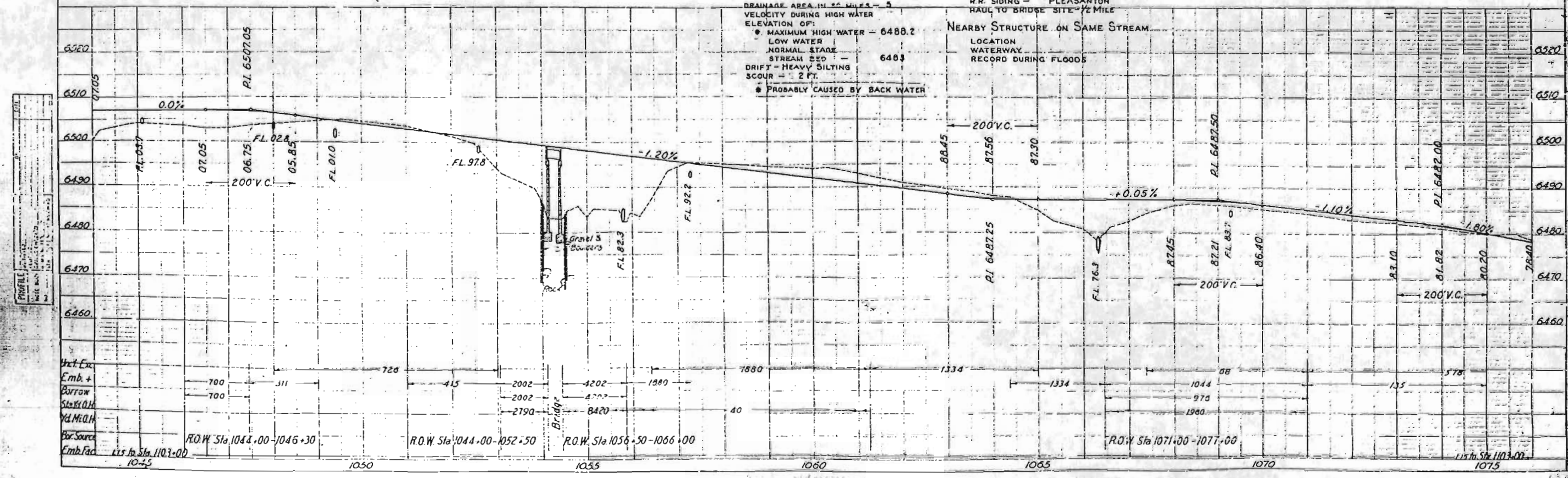
STRUCTURE NOTES FOR BRIDGE- STA.1054+00 TO STA.1054+43.3
STRUCTURE NO. K-13-V.

PRESENT STRUCTURE
SPAN - 125'-0"
CLEAR ROADWAY - 23'-6"
CLEAR WATERWAY - 65 Sq. Ft.
TYPE OF SUPERSTRUCTURE -
TYPE OF SUBSTRUCTURE - CONCRETE ARCH

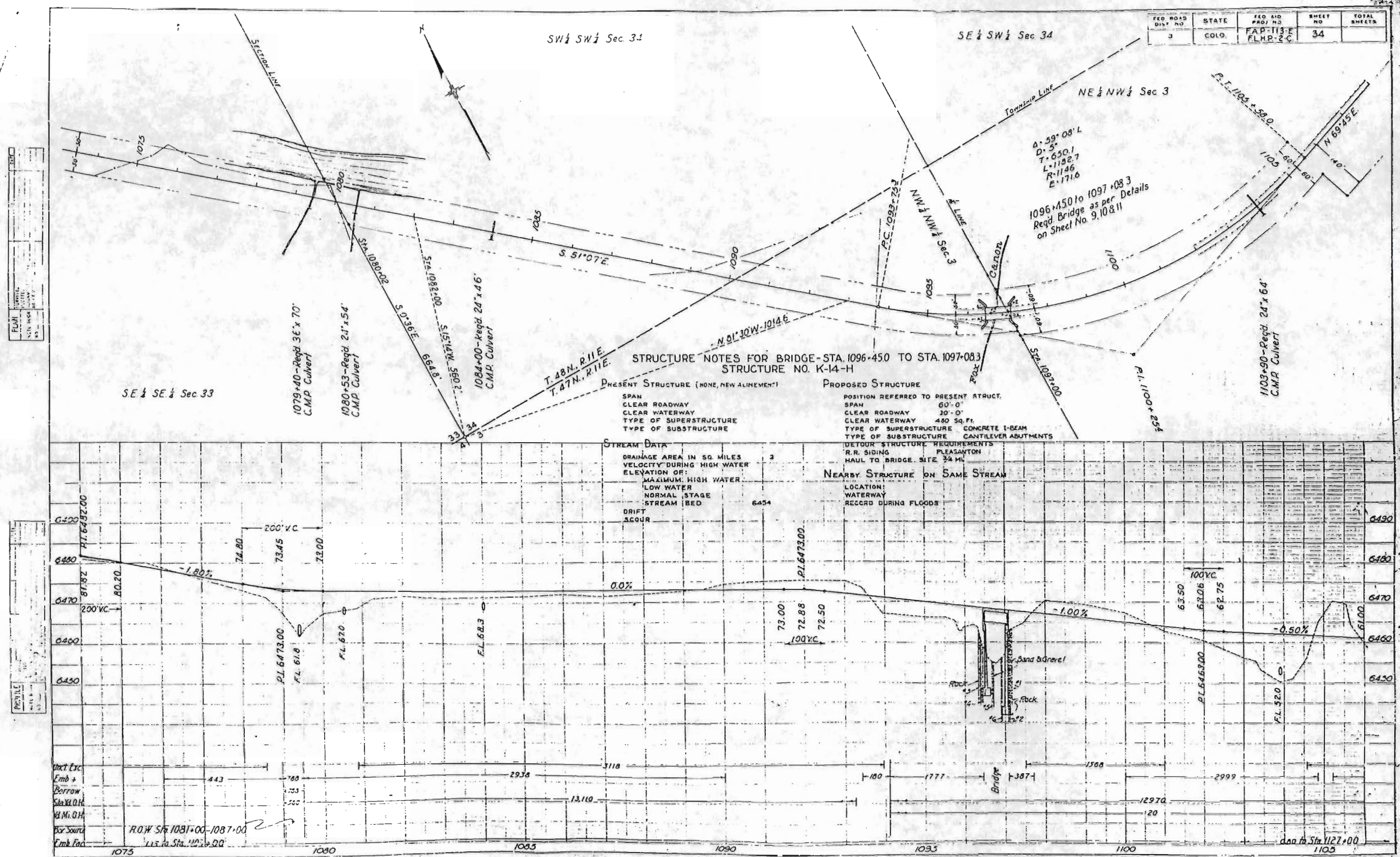
PROPOSED STRUCTURE
POSITION REFERRED TO PRESENT STRUCTURE
SPAN - 30'-0"
CLEAR ROADWAY - 30'-0"
CLEAR WATERWAY - 420 Sq. Ft.
TYPE OF SUPERSTRUCTURE - CONCRETE, I-BEAM
TYPE OF SUBSTRUCTURE - CANTILEVER ABUTMENTS
DETOUR STRUCTURE REQUIREMENTS
R.R. SIDING - PLEASANTON
HAUL TO BRIDGE SITE - 1/2 MILE

NEARBY STRUCTURE ON SAME STREAM
LOCATION
WATERWAY
RECORD DURING FLOODS

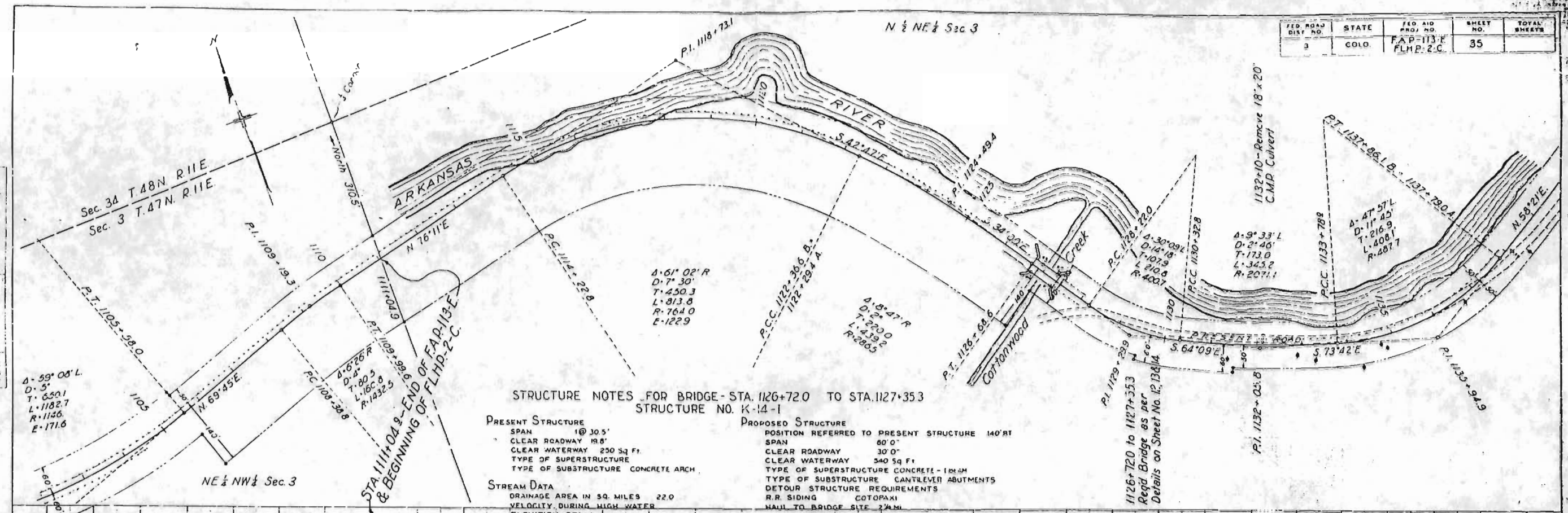
STREAM DATA
DRAINAGE AREA IN SQ. MILES - 5
VELOCITY DURING HIGH WATER
ELEVATION OF:
• MAXIMUM HIGH WATER - 6488.2
LOW WATER
NORMAL STAGE
STREAM BED - 6483
DRIFT - HEAVY SILTING
SCOUR - 2 FT.
• PROBABLY CAUSED BY BACK WATER



FED ROAD DIST NO 3	STATE COLO.	FED AID PROJ NO FAP-113-E FLHP-2-C	SHEET NO 34	TOTAL SHEETS
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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	F.A.P.-113-E FLHP-2-C	35	

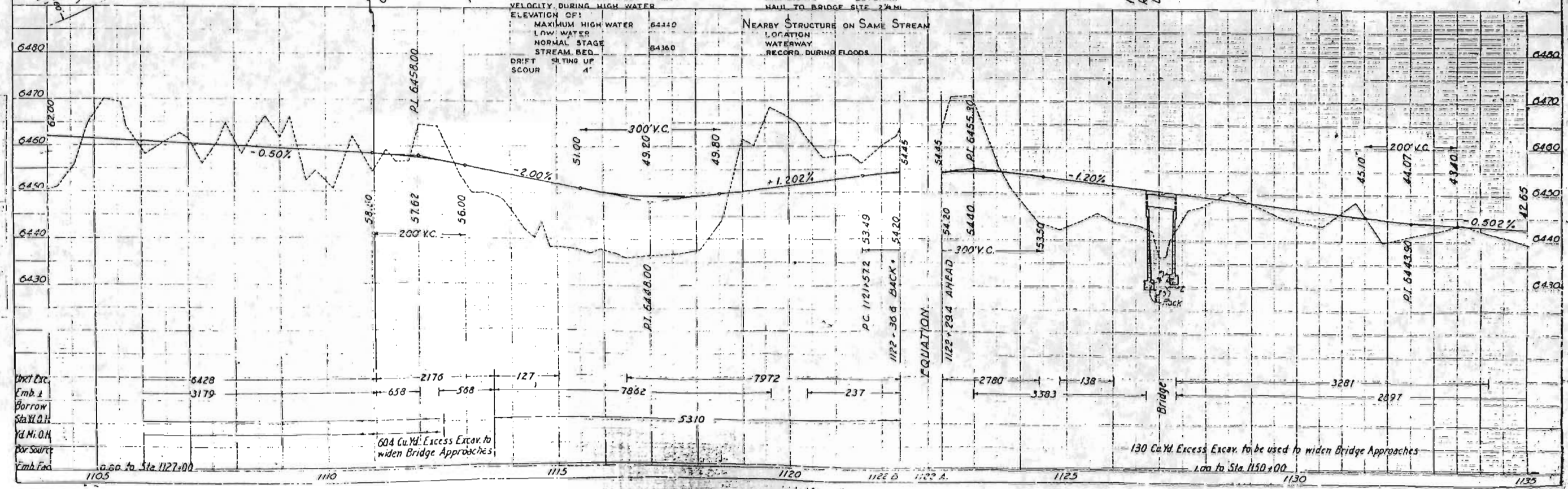


STRUCTURE NOTES FOR BRIDGE STA. 1126+720 TO STA. 1127+353 STRUCTURE NO. K-14-1

PRESENT STRUCTURE	PROPOSED STRUCTURE
SPAN 1@ 30.5'	POSITION REFERRED TO PRESENT STRUCTURE 140' RT
CLEAR ROADWAY 19.8'	SPAN 60' 0"
CLEAR WATERWAY 250 Sq Ft	CLEAR ROADWAY 30' 0"
TYPE OF SUPERSTRUCTURE	CLEAR WATERWAY 340 Sq Ft
TYPE OF SUBSTRUCTURE CONCRETE ARCH	TYPE OF SUPERSTRUCTURE CONCRETE - IRON
	TYPE OF SUBSTRUCTURE CANTILEVER ABUTMENTS
	DETOUR STRUCTURE REQUIREMENTS
	R.R. SIDING COTOPAXI
	HAUL TO BRIDGE SITE 2 1/2 MI.

STREAM DATA	
DRAINAGE AREA IN SQ. MILES	22.0
VELOCITY, DURING HIGH WATER	
ELEVATION OF:	
MAXIMUM HIGH WATER	6440
LOW WATER	6436
NORMAL STAGE	6436
STREAM BED	
DRIFT SITING UP	4'
SCOUR	

NEARBY STRUCTURE ON SAME STREAM	
LOCATION	
WATERWAY	
RECORD, DURING FLOODS	

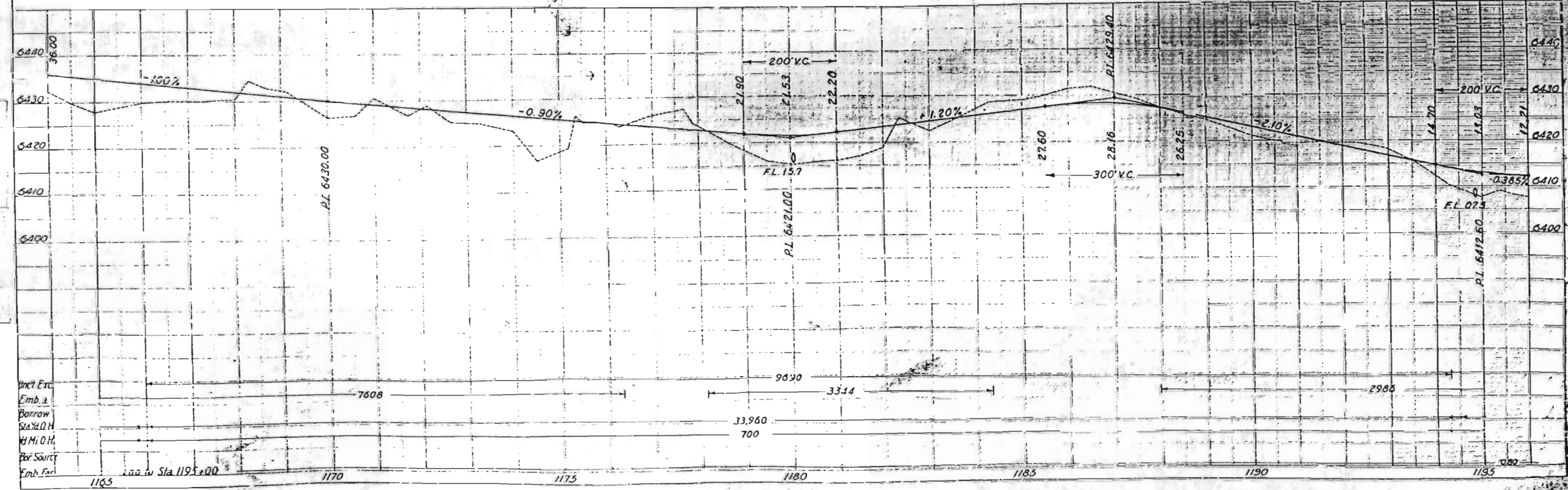
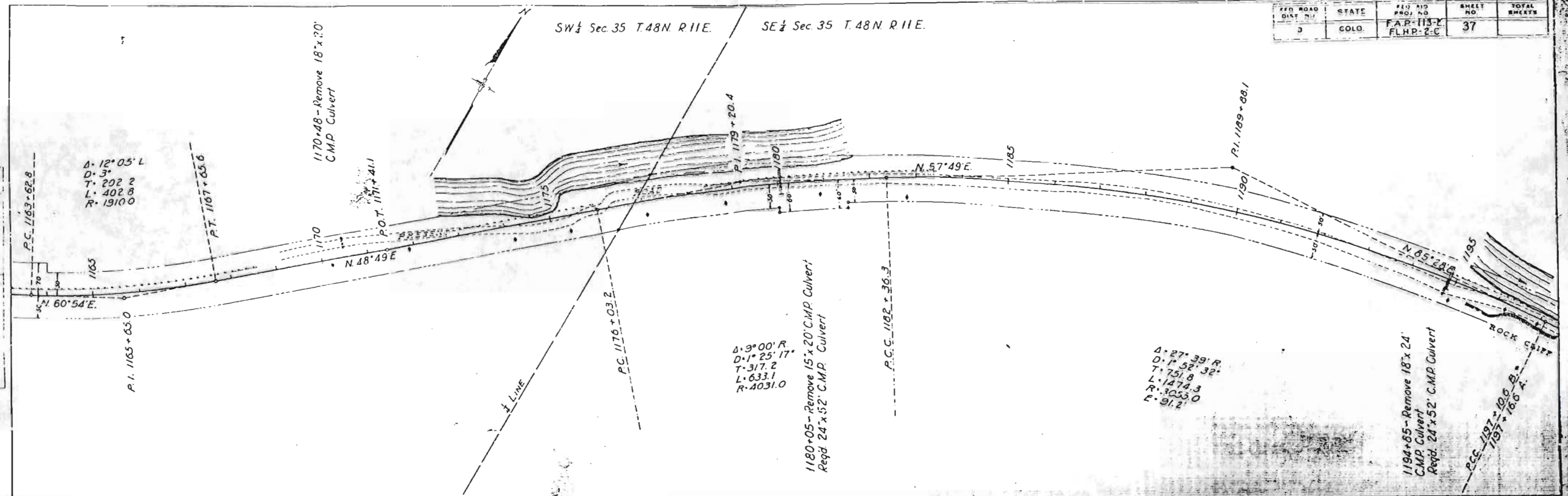


Dist. Exc.
Emb. &
Borrow
Sta. 1105
Yd. M. O.H.
For Source
Emb. Fac.

604 Cu. Yd. Excess Excav. to
widen Bridge Approaches

130 Cu. Yd. Excess Excav. to be used to widen Bridge Approaches
100 to Sta. 1150+00

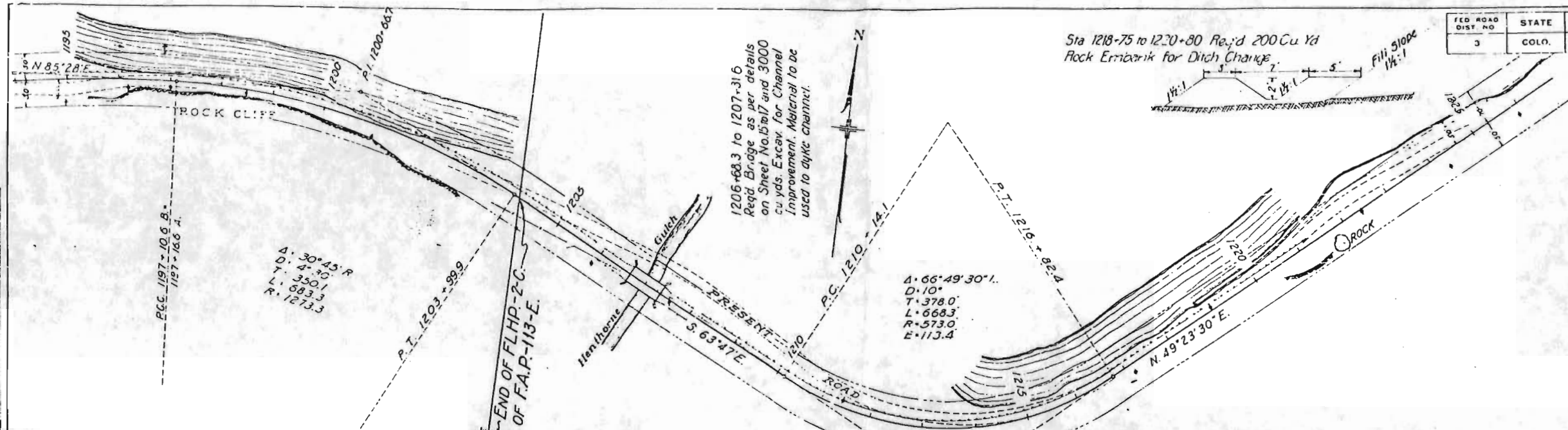
REF. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	F.A.P. 113-2 FL.N.P. 2-C	37	



Sheet Exc.
Emb. &
Borrow
Sta. & D.H.
M.I.D.H.
For Source
Emb. For

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	FAP-113-E FLHP-2-C	38	

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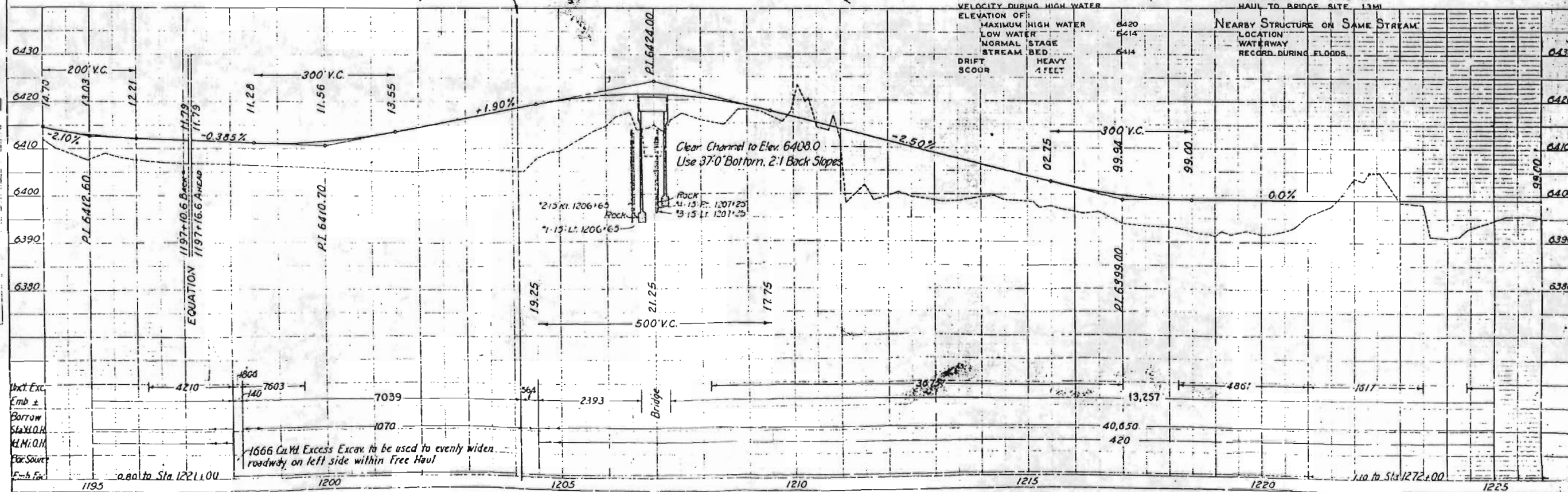


STRUCTURE NOTES FOR BRIDGE- STA. 1206+68.3 TO STA. 1207+31.6. STRUCTURE NO. K-14-G

PRESENT STRUCTURE	PROPOSED STRUCTURE
SPAN	POSITION REFERRED TO PRESENT STRUCT.
CLEAR ROADWAY	SPAN 1 @ 50'
CLEAR WATERWAY	CLEAR ROADWAY 30'-0"
TYPE OF SUPERSTRUCTURE	CLEAR WATERWAY 350 Sq. Ft.
TYPE OF SUBSTRUCTURE	TYPE OF SUPERSTRUCTURE I BEAM-CONCRETE
	TYPE OF SUBSTRUCTURE CLOSED CANT. CONC. ABUTS.
	DETOUR STRUCTURE REQUIREMENTS
	R.R. SIDING COTOPAXI
	HAUL TO BRIDGE SITE 1.3 MI

STREAM DATA	6 sq. mi
DRAINAGE AREA IN SQ. MILES	6 sq. mi
VELOCITY DURING HIGH WATER	
ELEVATION OF:	
MAXIMUM HIGH WATER	6420
LOW WATER	6414
NORMAL STAGE	6414
STREAM BED	
DRIFT SCOUR	HEAVY 4 FEET

NEARBY STRUCTURE ON SAME STREAM									
LOCATION									
WATERWAY									
RECORD DURING FLOODS									



PLAN	DATE	BY	CHECKED	APPROVED

DATE	
BY	
CHECKED	
APPROVED	

1252+00 to 1254+50 - Req'd
Ditch Charge on left.
Quantities included for pay-
ment in profile quantities.



PLAN	DATE	BY	CHKD
1255			
1260			
1265			
1270			
1275			
1280			
1285			

PROFILE	DATE	BY	CHKD
1255			
1260			
1265			
1270			
1275			
1280			
1285			

