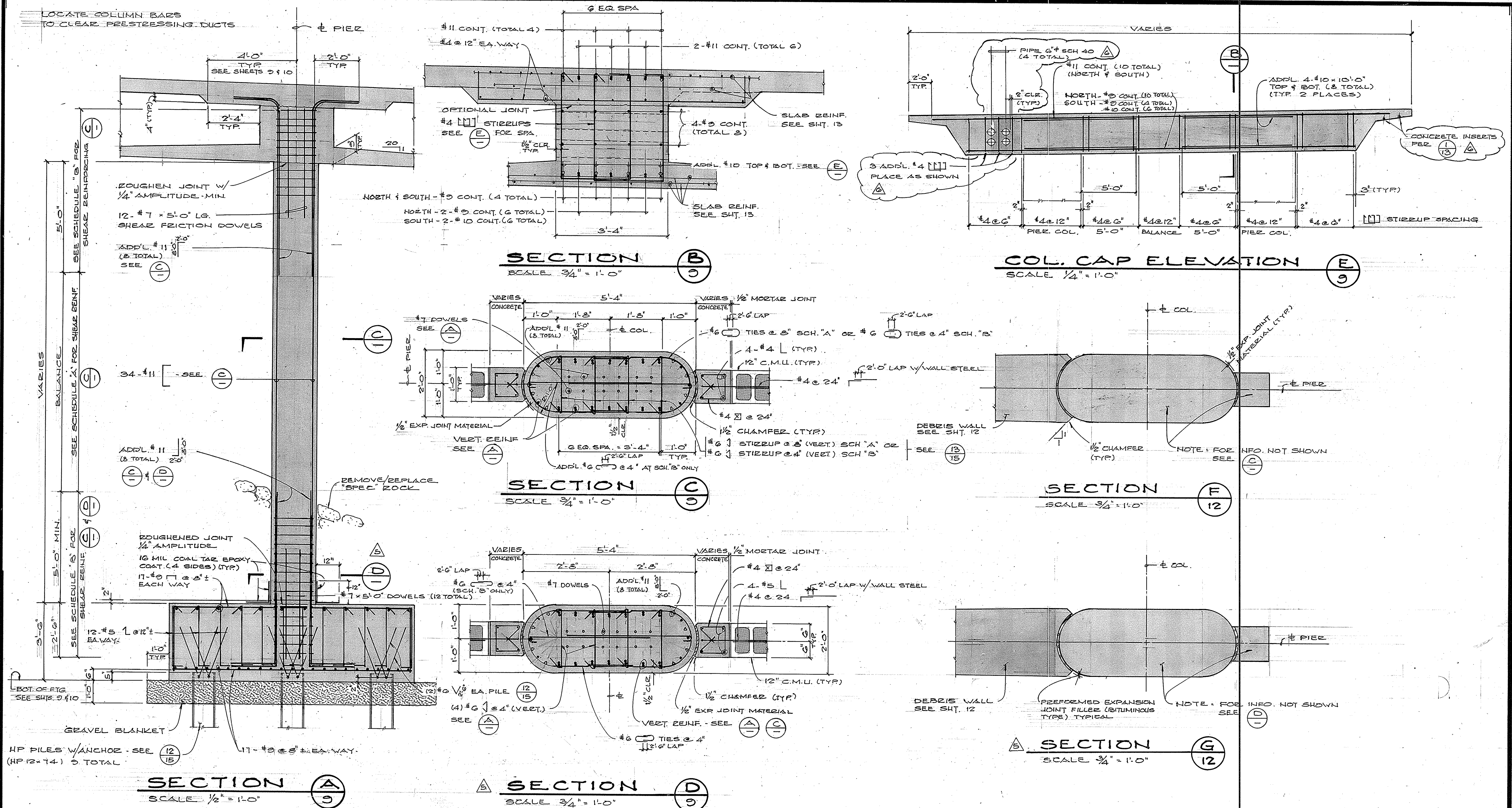


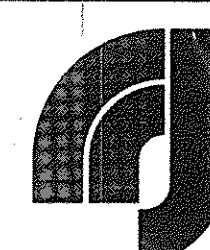


DESIGN PILE DATA (HP 12 X 74)					AS-BUILT PILE DRIVING DATA				
LOCATION	PILE CUT-OFF	PILE TIP ELEVATION	PILE LENGTH	AVERAGE AS-BUILT PILE	PILE DRIVER MAKE AND MODEL	DRIVING ACTION	RATED ENERGY	MAXIMUM STROKE	BEARING VALUE FORMULA
ABUTMENT 1	277.40	220.00	57.40	50.11	KOBE K-22	DIESEL HAMMER	APPROX. 45,000 FT.-LB.	N/A	ENGINEERING NEWS RECORD
PIER 2	258.70	200.00	58.70	38.63					
PIER 3	257.10	200.00	57.10	41.36					
ABUTMENT 4	273.40	215.00	58.40	53.87					

DESIGN PILE DATA (HP 10 X 42)					AS-BUILT PILE DRIVING DATA				
LOCATION	PILE CUT-OFF	PILE TIP ELEVATION	PILE LENGTH	AVERAGE AS-BUILT PILE	PILE DRIVER MAKE AND MODEL	DRIVING ACTION	RATED ENERGY	MAXIMUM STROKE	BEARING VALUE FORMULA
PIER 2 DEBRIS WALL	260.30	225.00	35.30	34.58	KOBE K-22	DIESEL HAMMER	APPROX. 45,000 FT.-LB.	9.43 FEET	ENGINEERING NEWS RECORD
PIER 2 DIVIDER WALL	262.00	225.00	37.00	40.98					
PIER 3 DEBRIS WALL	261.75	220.00	41.75	39.31					
PIER 3 DIVIDER WALL	261.75	220.00	41.75	41.79					

LOCATION	CUT-OFF ELEVATION	MAX. TIP ELEVATION	MIN. TIP ELEVATION	AVERAGE TIP ELEVATION	AVERAGE STROKE HEIGHT	AVERAGE BEARING VALUE
ABUTMENT 1	277.40	242.40	220.11	227.29	7.46'	80 TONS+
PIER 2	258.70	227.70	208.70	220.07	9.43'	80 TONS+
PIER 3	257.10	223.89	208.77	215.74	9.43'	80 TONS+
ABUTMENT 4	273.40	225.44	215.34	219.53	7.46'	70 TONS+

LOCATION	CUT-OFF ELEVATION	MAX. TIP ELEVATION	MIN. TIP ELEVATION	AVERAGE TIP ELEVATION	AVERAGE STROKE HEIGHT	AVERAGE BEARING VALUE
PIER 2 DEBRIS WALL	260.30	229.05	223.90	225.72	6.45'	30 TONS+
PIER 2 DIVIDER WALL	262.00	224.77	217.27	221.02	6.45'	40 TONS+
PIER 3 DEBRIS WALL	261.75	233.10	217.83	222.44	7.46'	80 TONS+
PIER 3 DIVIDER WALL	261.75	220.10	219.81	219.96	9.43'	80 TONS+



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DATE	BY	REVISION DESCRIPTION	APPD	DATE
7/11/89	M.D.C.	AS-BUILT		
7/15/89	M.D.C.	DELETED 16" PIPE SLEEVES ADDED 4" SLEEVES		
7/16/89	M.D.C.	DELETED COLUMN RECTANGULAR SECTION		
7/16/89	M.D.C.	COUNTY PLAN CHECK CORRECTION		

PLAN SCALE	DES. J.L. DWN T.U.	DATE
		7/14/84

PIER SECTIONS & DETAILS

SHEEP HILLS ROAD BRIDGE
ACROSS ALISO CREEK

DR 5 (13995)