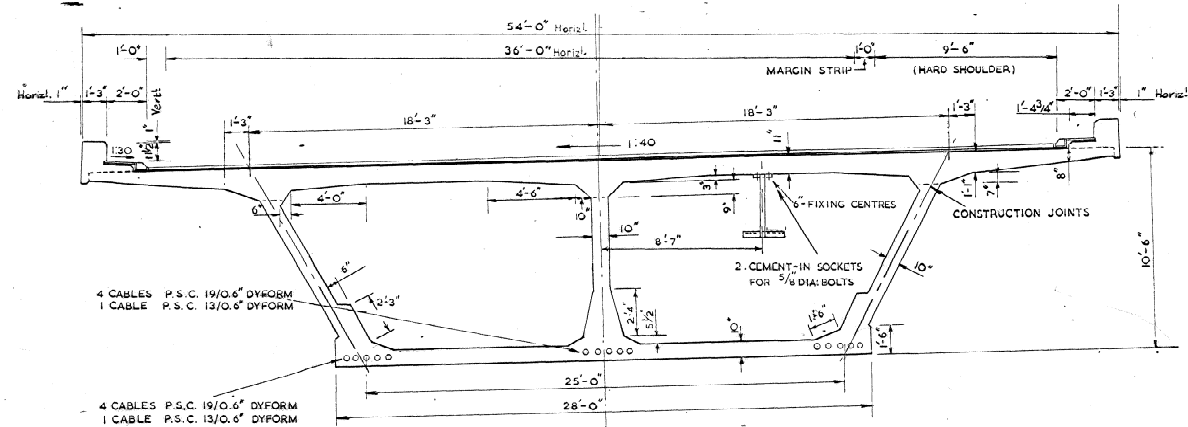
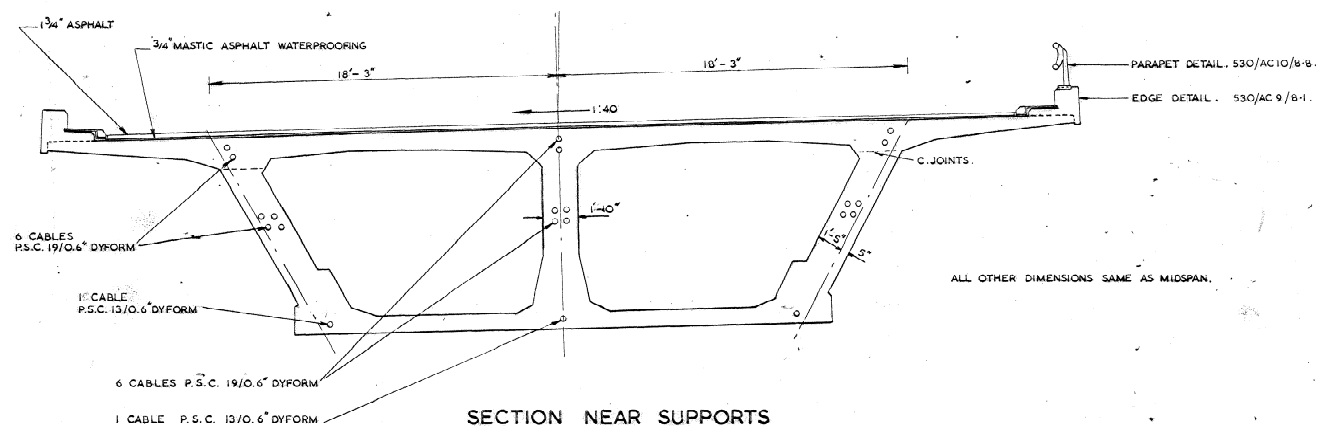
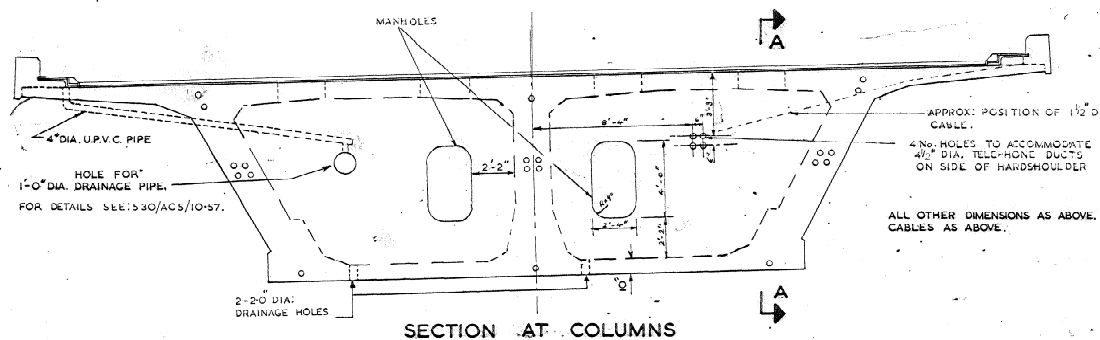




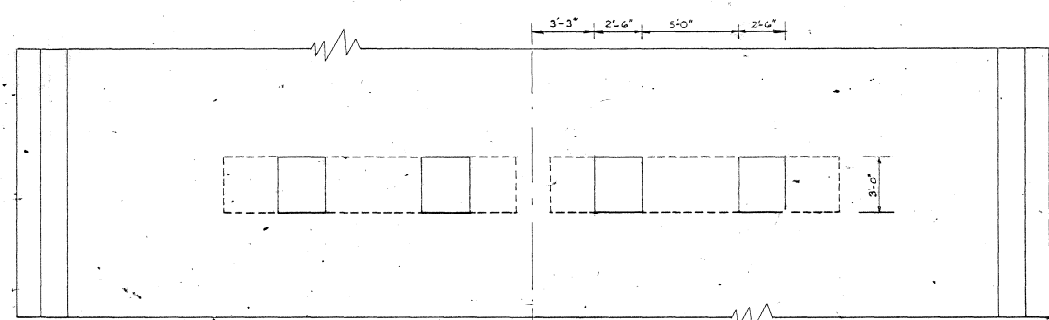
MIDSPAN SECTION OF DECK
(Typical cable arrangement for 186 ft. span shown.)



SECTION NEAR SUPPORTS
(Typical cable arrangement for 186 ft. span shown.)

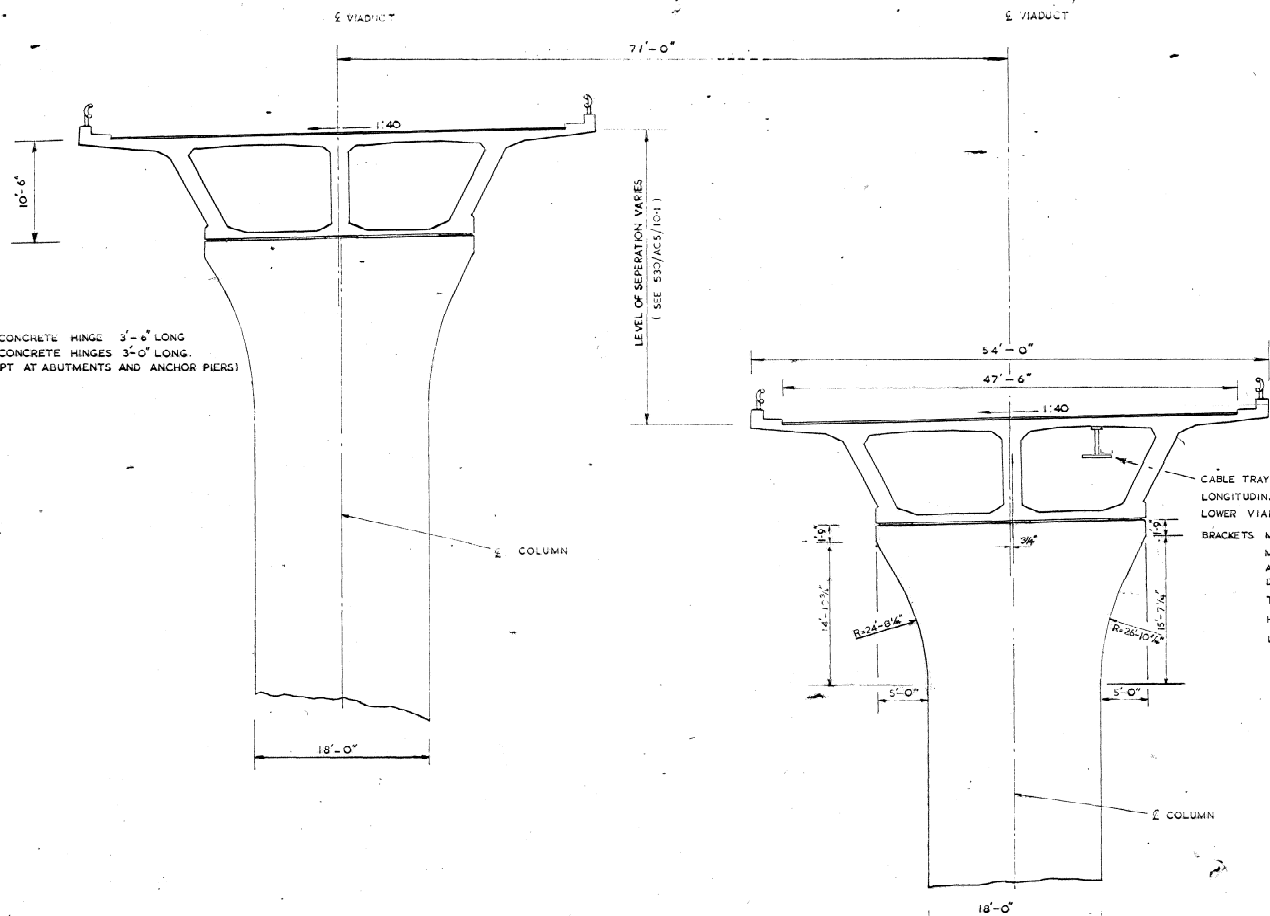


SECTION AT COLUMNS

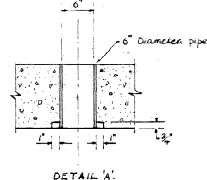


PLAN OF DIAPHRAGM TEMPORARY ACCESS HOLES
(SUBSEQUENTLY FILLED.)

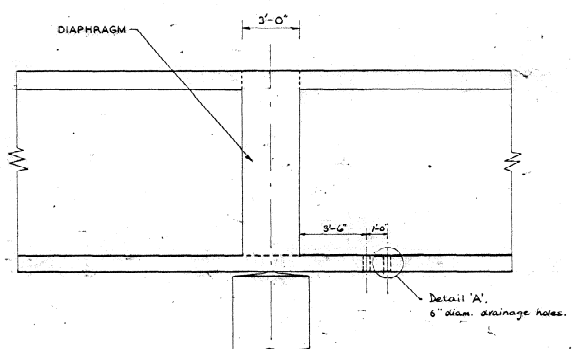
CENTRE CONCRETE HINGE 3'-6" LONG
OUTER CONCRETE HINGES 3'-0" LONG.
(EXCEPT AT ABUTMENTS AND ANCHOR PIERS)



CROSS SECTION NEAR SUPPORTS
SHOWING RELATIVE POSITIONS OF VIADUCTS.



DETAIL A



SECTION A-A (ACCESS HOLE)

STANDARD DETAILS:-
530/AC10/8-8. PARAPET DETAILS.
530/AC10/8-3. APRON SLAB DETAILS.
530/AC10/8-49. ACCESS DOOR.
530/AC10/8-1. GENERAL NOTES CONCRETE & REINFORCEMENT.
530/AC10/8-10. JUNCTION OF UNDERBRIDGE PARAPET WITH SAFETY FENCE.

CONTRACT DETAILS:-
530/AC9/8-1. EDGE DETAIL.
530/AC9/8-3. DRAINAGE DETAIL.

- NOTES:-
DESCRIPTION:- TWO TWIN-CELL BOX VIADUCTS CARRYING MOTORWAY.
TYPE:- IN-SITU P.S.C. CONTINUOUS BOXES.
LOADING:- B.S. 533 H.A./45 H.B.
SERVICES:- 3/16 TELEPHONE DUCTS.
LAYOUT DRAWINGS:- 530/AC1/24
DETAIL DRAWINGS:- 530/AC5/10-1
- 10-3 GENERAL ARRANGEMENT (1)
 - 10-4 ABUTMENT No.1 - GENERAL ARRANGEMENT.
 - 10-5 ABUTMENT No.2 - GENERAL ARRANGEMENT.
 - 10-6 ABUTMENT No.3 - GENERAL ARRANGEMENT.
 - 10-7 ABUTMENT No.4 - GENERAL ARRANGEMENT.
 - 10-8 186 FT. SPAN WITH 39 FT. CANTILEVER - DECK REINFORCEMENT
 - 10-9 186 FT. SPAN WITH 39 FT. CANTILEVER - CANTILEVER PRESTR. & REINFORCEMENT DETAIL.
 - 10-10 186 FT. SPAN WITH 39 FT. CANTILEVER - MIDSPAN PRESTR. & REINFORCEMENT DETAIL
 - 10-11 186 FT. CONSTR. LENGTH - PRESTRESSING DETAILS.
 - 10-12 186 FT. CONSTR. LENGTH - ANCHORAGE & ACCESS HOLE DETAILS.
 - 10-13 PIERS (1)
 - 10-14 PIERS (2)
 - 10-15 ABUTMENT EXPANSION JOINTS & BEARING DETAILS.
 - 10-16 ABUTMENT 1 TO 4 REINFORCEMENT DETAILS (1)
 - 10-17 ABUTMENT 1 TO 4 REINFORCEMENT DETAILS (2)
 - 10-18 ABUTMENT 1 TO 4 REINFORCEMENT DETAILS (3)
 - 10-19 SETTING OUT DRAWING.
 - 10-20 UPPER VIADUCT PIER REINFORCEMENT.
 - 10-21 LOWER VIADUCT PIER REINFORCEMENT.
 - 10-22 DETAILS OF GRAVITY-TYPE FOOTING.
 - 10-23 DIAPHRAGM REINFORCEMENT DETAILS.
 - 10-24 LOWER VIADUCT 112 FT. & 150 FT. SPAN PRESTRESSING DETAILS.
 - 10-25 UPPER VIADUCT 112 FT. & 150 FT. SPAN PRESTRESSING DETAILS.
 - 10-26 LOWER VIADUCT 112 FT. & 150 FT. SPAN CANTILEVER DECK REINFORCEMENT
 - 10-27 LOWER VIADUCT 112 FT. & 150 FT. SPAN CANTILEVER CANTILEVER DETAIL.
 - 10-28 LOWER VIADUCT 112 FT. & 150 FT. SPAN CANTILEVER ANCHORAGE DETAIL.
 - 10-29 LOWER VIADUCT 112 FT. & 150 FT. SPAN CANTILEVER ANCHORAGE DETAIL.
 - 10-30 10-35 LAYOUT AT ABUTMENTS 1, 2, 3, & 4.
 - 10-36 GROUND ANCHORS, BASES L.S. L.6, U.6, U.B.

MINISTRY OF TRANSPORT
M5 BIRMINGHAM-BRISTOL-EXETER MOTORWAY
GORDANO VALLEY SECTION

WYNHOL VIADUCT
GENERAL ARRANGEMENT (2)

FREEMAN, FOX & PARTNERS. ROBERT F. EARLEY. WILMINGTON. LONDON, S.W.1	SCALE:- 1/8", 1/4", 3/8", 1" = 1'-0"	DRAWING No. 530/AC5/10-2
	JAN. 1975	

6900 E / 150