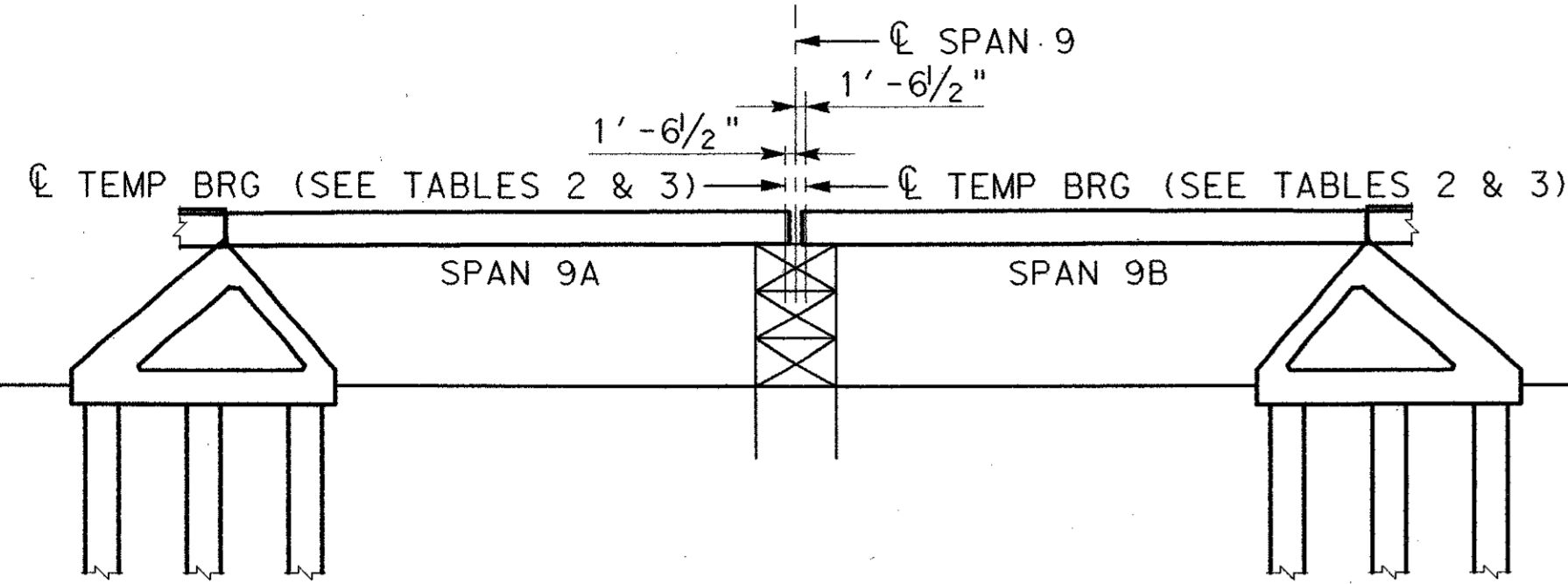
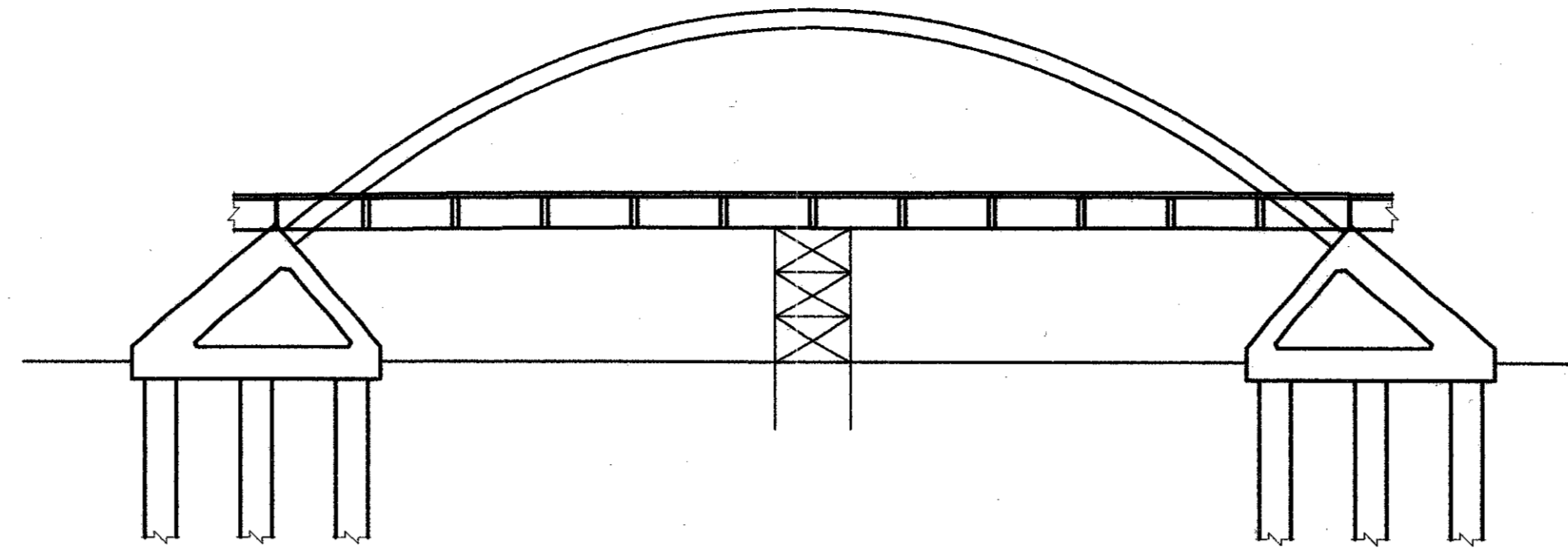


A. ERECT U-BEAMS WITH FALSEWORK AT \bar{C} SPAN.



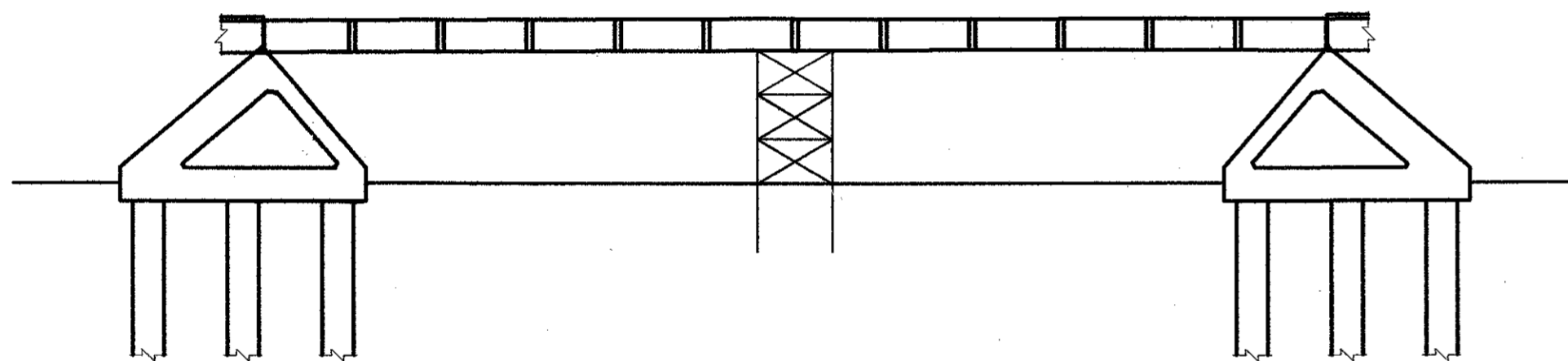
STAGE 1

A. CAST DECK.



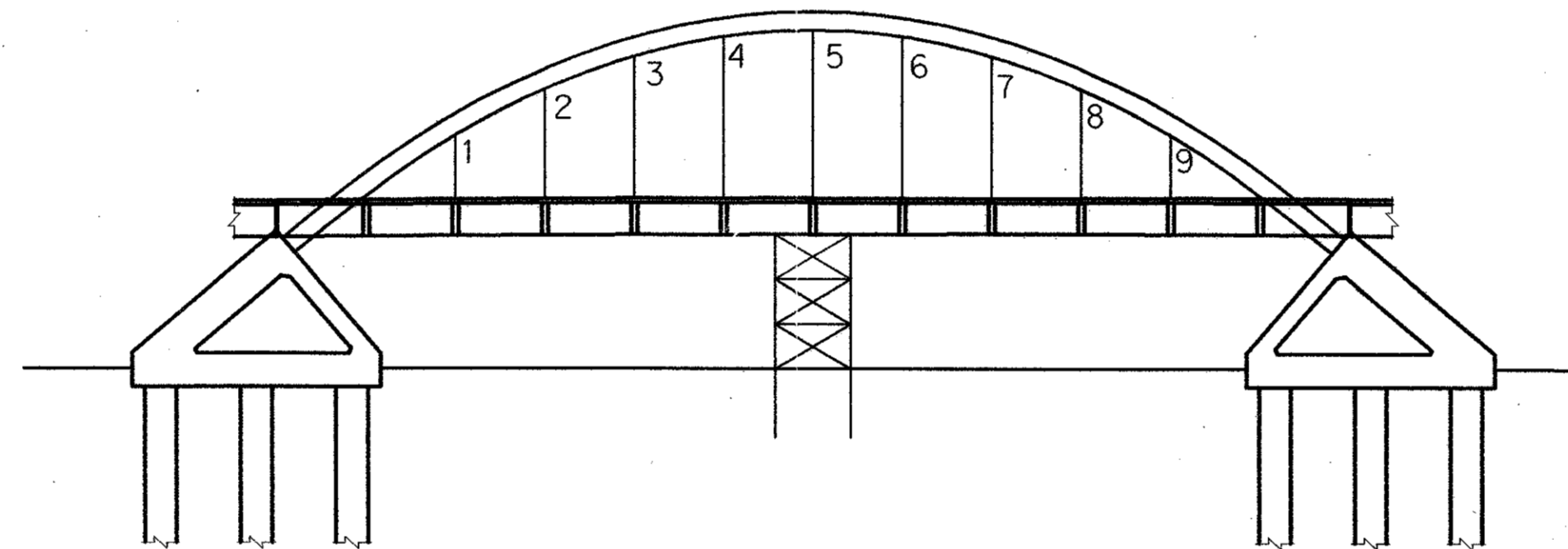
STAGE 4

A. CAST U-BEAM SPLICE AND TRANSVERSE DIAPHRAGMS.



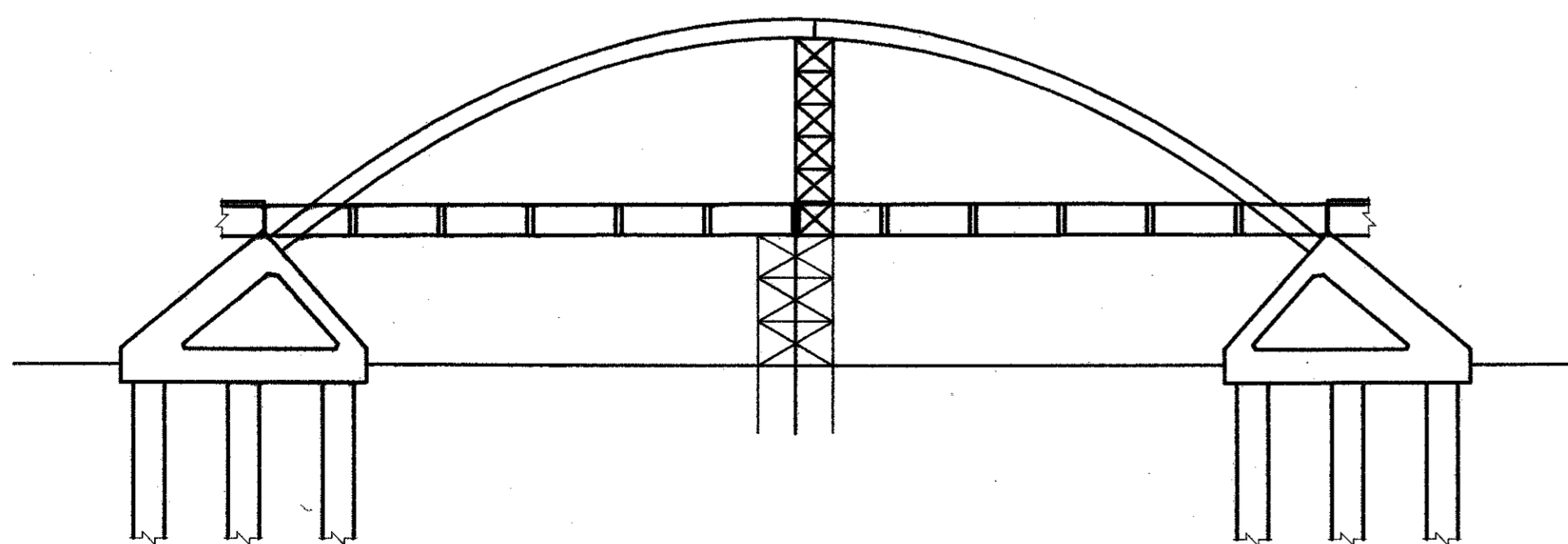
STAGE 2

A. INSTALL HANGERS.
B. STRESS HANGERS TO 5 KIPS.



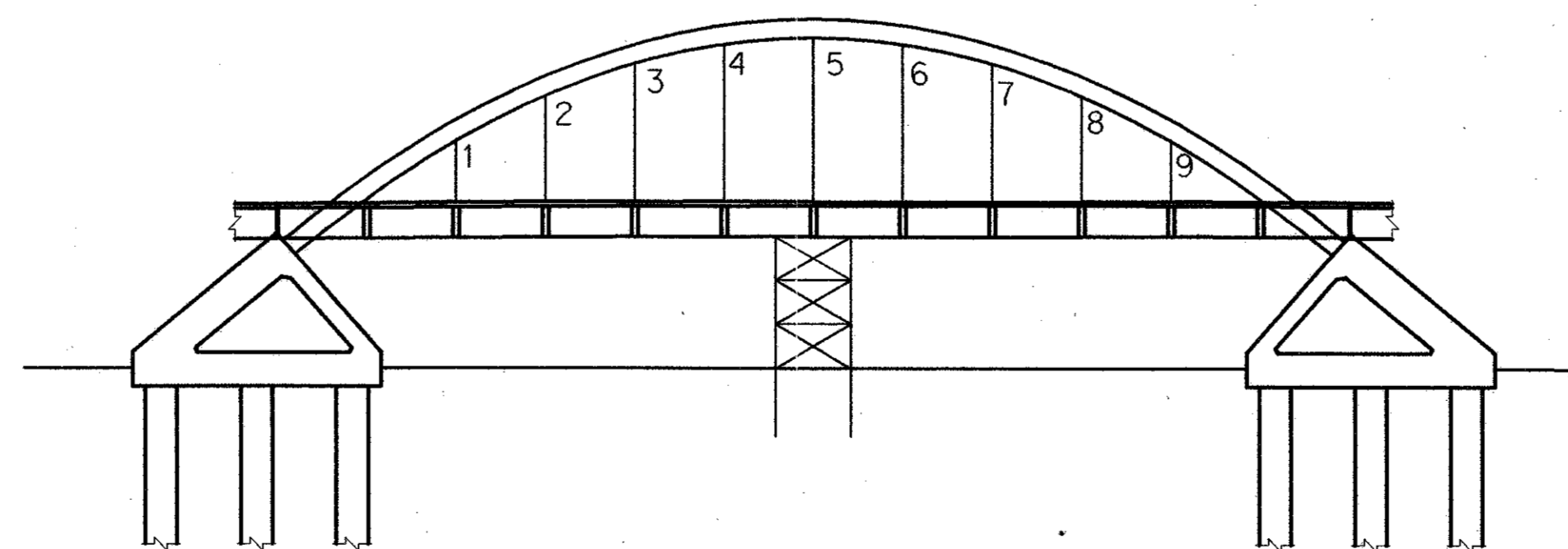
STAGE 5

A. ERECT STEEL ARCH RIB AND FIELD WELD SPLICE.
B. REMOVE ARCH RIB FALSEWORK.



STAGE 3

A. STRESS HANGERS IN SEQUENCE SHOWN IN TABLE 1.
PERFORM LIFTOFF TESTS AT END OF JACKING SEQUENCE
TO VERIFY FINAL HANGER FORCE.



STAGE 6

TABLE 1 - HANGER FORCES

HANGER	JACKING FORCE (KIPS)	AT END OF JACKING SEQ. (KIPS)
NORTH 5	238.1	113.5
SOUTH 5	194.8	88.7
NORTH 6	146.2	106.8
SOUTH 6	116.3	83.6
NORTH 4	159.0	106.7
SOUTH 4	125.6	83.5
NORTH 7	162.4	99.1
SOUTH 7	127.1	77.7
NORTH 3	192.6	98.8
SOUTH 3	150.4	77.5
NORTH 8	158.9	93.7
SOUTH 8	124.6	72.7
NORTH 2	171.1	93.4
SOUTH 2	134.7	72.5
NORTH 9	142.1	146.6
SOUTH 9	111.9	113.7
NORTH 1	146.1	148.4
SOUTH 1	115.2	115.2

TABLE 2 - TEMP. BEARING PED. ELEVS.

BEAM	LEFT	RIGHT
9A-1	638.150	638.244
9A-2	638.412	638.506
9A-3	638.574	638.480
9A-4	638.312	638.218
9B-1	638.156	638.250
9B-2	638.418	638.512
9B-3	638.580	638.486
9B-4	638.317	638.224

TABLE 3 - TEMP. BEARING PAD TAPERS AND REACTIONS

BEAM	TAPER (IN./IN.)	MAX SERVICE DL REACT (KIPS)
9A-1	0.005	185.6
9A-2	0.005	152.2
9A-3	0.005	141.8
9A-4	0.005	146.4
9B-1	-0.002	185.6
9B-2	-0.002	152.2
9B-3	-0.002	141.8
9B-4	-0.002	146.4

NOTES

- BEARING ELEVATIONS ARE BASED ON 2 1/2" THICKNESS BEARING PADS AND 4'-6" WIDE PEDESTALS.
- FULL APPROACH SPAN DEAD LOAD SHALL BE IN PLACE PRIOR TO LOADING THE ARCH RIB. STINGERS SHALL BE IN PLACE PRIOR TO THE APPROACH SPAN DECK PLACEMENT. STINGER IS NOT SHOWN ON THIS SHEET.
- THE CONTRACTOR SHALL SUBMIT FOR REVIEW AND APPROVAL TO THE ENGINEER, A REPORT OF THE ACTUAL HANGER JACKING SEQUENCE DOCUMENTING JACKING AND FINAL HANGER FORCES.



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NO.	DATE	REVISION	APPROV.

URS GREYSTONE CENTRE
3010 LBJ FREEWAY, SUITE 1300
DALLAS, TX 75254

ARAPAHO ROAD - PHASE III
SURVEYOR BOULEVARD TO ADDISON ROAD

MAIN SPAN
ERECTION SEQUENCE

TOWN OF ADDISON, TEXAS

SHEET 1 OF 2

Design	Drawn	RJB	DATE	SCALE	PROJECT NO.	SHEET NO.
Check	Check		05-07-04	NONE	25768	BR-36