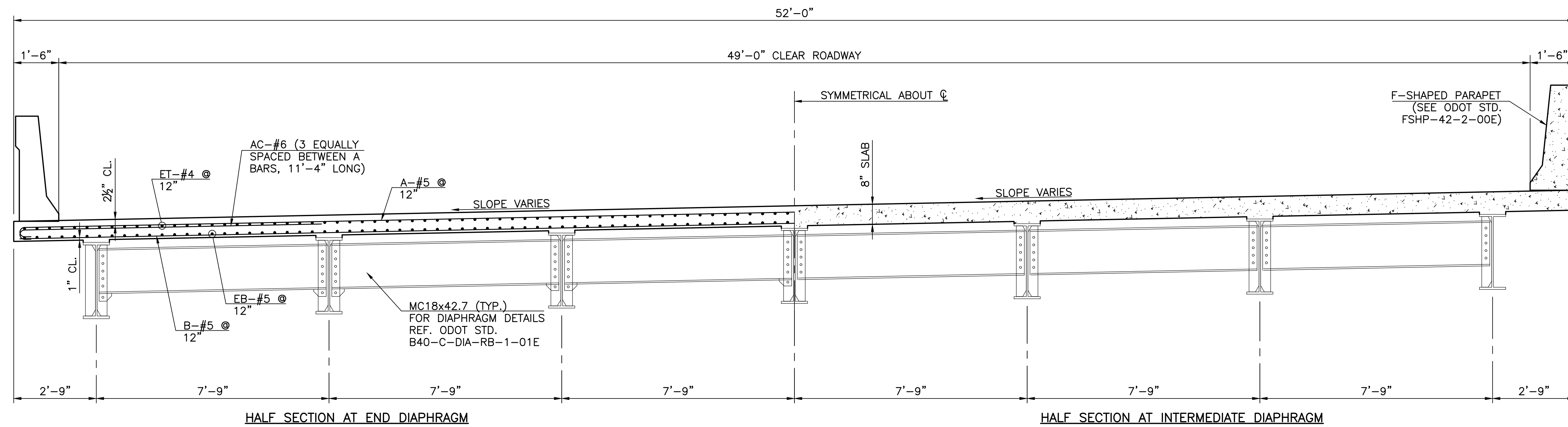


REVISIONS		
REV. NO.	DESCRIPTION	DATE

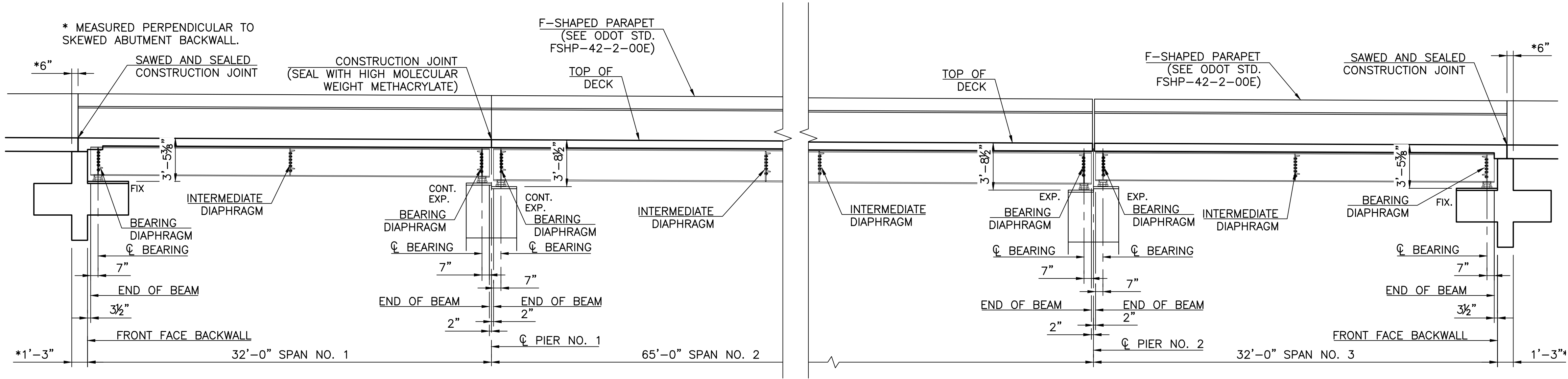


EXPANSION JOINT OPENING		PIER NO. 2
JOINT OPENING	AMBIENT AIR TEMP (DEG F)	
1 1/2"	120	
1 1/2"	115	
1 5/8"	101	
1 3/4"	87	
1 7/8"	74	
2"	60	
2 1/8"	46	
2 1/4"	33	
2 3/8"	19	
2 1/2"	5	
2 1/2"	0	

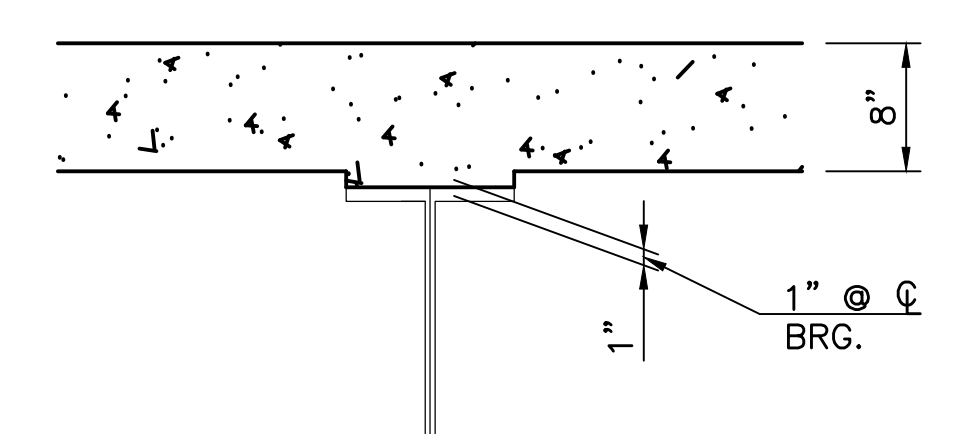
TYPICAL SECTION
(BRIDGES "A" & "B")

QUANTITIES - SUPERSTRUCTURE		
ITEM	UNIT	TOTAL
CLASS AA CONCRETE	CY	206.8
CONCRETE RAIL (FSHP)	LF	261.0
EPOXY COATED REINFORCING STEEL	LB	43,824.0
EXPANSION BEARING ASSEMBLY	EA	28.0
FIXED BEARING ASSEMBLY	EA	14.0
SAW-CUT GROOVING	SY	710.5
SEALED EXPANSION JOINT	LF	50.2
STRUCTURAL STEEL	LB	138,920.0
WATER REPELLENT (VISUALLY INSPECTED)	SY	255.5

QUANTITIES SHOWN ARE FOR ONE BRIDGE, TWO REQUIRED.



LONGITUDINAL SECTION
(BRIDGES "A" & "B")



NOTE:
PLAN QUANTITIES FOR CLASS AA CONCRETE INCLUDE BEAM HAUNCHES. THE HAUNCH HEIGHT SHOWN IS THE THEORETICAL HAUNCH HEIGHT AT THE CENTERLINE BEARING ONLY, MEASURED FROM THE BOTTOM OF THE DECK SLAB TO THE TOP OF THE BEAM, AND VARIES ACROSS THE SPAN. DETERMINE THE ACTUAL HAUNCH HEIGHT (ACCOUNTING FOR BEAM CAMBER, DEAD LOAD DEFLECTION AND ROADWAY GRADE) AFTER ERECTION OF THE BEAMS AND SUBMIT TO THE ENGINEER FOR APPROVAL. THE ENGINEER WILL NOT MEASURE DIFFERENCES BETWEEN THE THEORETICAL AND ACTUAL HAUNCH HEIGHTS FOR PAYMENT.

DESIGN	MW	11/16	TULSA COUNTY	US-64 OVER 97TH W. AVE.
DRAWN	SDK	11/16	OKLAHOMA DEPARTMENT OF TRANSPORTATION	
CHECKED	HRA	11/16	DETAILS OF SUPERSTRUCTURE	
APPROVED			(SHEET 1 OF 4)	
WALTER P MOORE			STATE JOB NO. 28884(04)	SHEET NO. 48

V:\MPS\2012\2000-07 0001 EC-1414 US-64 Item 3\CONCRETE\32A-08-01-1412-2000-07-SUPERSTRUCTURE.dwg 12/12/2017 9:27am sspahk