

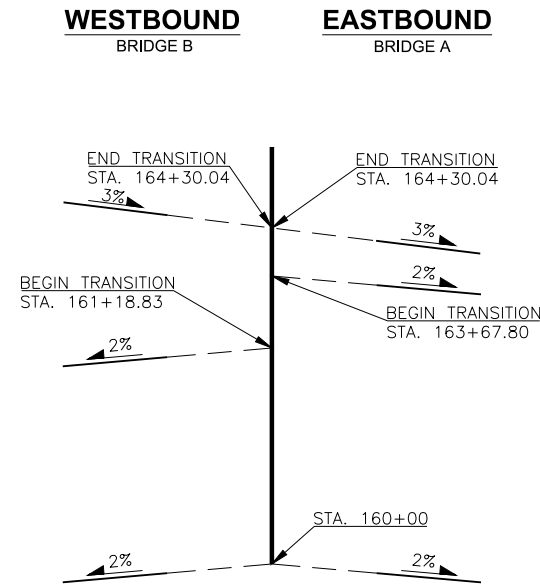
DESCRIPTION	REVISIONS	DATE

SHEET INDEX

- 12. SUMMARY OF PAY QUANTITIES (BRIDGE AND RETAINING WALLS)
- 13. BRIDGE GENERAL NOTES

BRIDGE A

- 73. GENERAL PLAN AND ELEVATION
- 74. SUMMARY OF BRIDGE PAY QUANTITIES
- 75. FOUNDATION REPORT SHEET (1 OF 4)
- 76. FOUNDATION REPORT SHEET (2 OF 4)
- 77. FOUNDATION REPORT SHEET (3 OF 4)
- 78. FOUNDATION REPORT SHEET (4 OF 4)
- 79. SUBSTRUCTURE LAYOUT
- 80. SUBSTRUCTURE EXCAVATION
- 81. ABUTMENT NO. 1 - PLAN AND ELEVATION
- 82. ABUTMENT NO. 1 - FOOTING DETAILS
- 83. ABUTMENT NO. 1 - WALL REINFORCEMENT DETAILS
- 84. ABUTMENT NO. 1 - SECTIONS
- 85. ABUTMENT NO. 1 - WING DETAILS
- 86. ABUTMENT NO. 1 - PEDESTALS AND BAR BENDS
- 87. ABUTMENT NO. 2 - PLAN AND ELEVATION
- 88. ABUTMENT NO. 2 - FOOTING DETAILS
- 89. ABUTMENT NO. 2 - WALL REINFORCEMENT
- 90. ABUTMENT NO. 2 - SECTIONS
- 91. ABUTMENT NO. 2 - WING DETAILS
- 92. ABUTMENT NO. 2 - PEDESTALS AND BAR BENDS
- 93. TYPICAL CROSS SECTION
- 94. LONGITUDINAL SECTION
- 95. BEAM FRAMING PLAN
- 96. BEAM DETAILS (SHEET 1 OF 2)
- 97. BEAM DETAILS (SHEET 2 OF 2)
- 98. BEARING AND DIAPHRAGM DETAILS
- 99. SLAB REINFORCING PLAN
- 100. ADDITIONAL SLAB REINFORCING
- 101. EXPANSION JOINT DETAILS
- 102. APPROACH SLAB NO. 1 PLAN
- 103. APPROACH SLAB NO. 2 PLAN
- 104. APPROACH SLAB DETAILS



**SUPERELEVATION DATA
CROSS SLOPE**

SUMMARY OF BRIDGE A PAY QUANTITIES					
ITEM	UNIT	ABUTMENTS	SUPER- STRUCTURE	APPROACH SLAB	TOTAL
SUBSTRUCTURE EXCAVATION COMMON	C.Y.	1,165			1,165
GRANULAR BACKFILL	C.Y.	2,890			2,890
CLSM BACKFILL	C.Y.	1,385			1,385
PRESTRESSED CONCRETE BEAMS (TYPE J BT)	L.F.		637		637
APPROACH SLAB	S.Y.			425.6	425.6
SAW-CUT GROOVING	S.Y.		613	398	1,011
SEALED EXPANSION JOINT	L.F.		49.5		49.5
42" F-SHAPED PARAPET	L.F.		262.5	170.2	432.7
STRUCTURAL STEEL	LB.		1,660		1,660
STAINLESS STEEL FIXED BEARING ASSEMBLY	EA.		5		5
STAINLESS STEEL EXPANSION BEARING ASSEMBLY	EA.		5		5
CLASS AA CONCRETE	C.Y.		192.6		192.6
CLASS A CONCRETE	C.Y.	1,328.4			1,328.4
EPOXY COATED REINFORCING STEEL	LB.	131,930	44,080		176,010
PILES, FURNISHED (HP 14X89)	L.F.	3,365			3,365
PILES, DRIVEN (HP 14X89)	L.F.	3,365			3,365
PILE SPLICE, H-PILE (NON-BIDDABLE)	EA.	1			1
WATER REPELLENT (VISUALLY INSPECTED)	S.Y.	621	617	84	1,322
(SP)NEST PREVENTION	LSUM				1
(SP)AESTHETIC FORM LINERS (NON-BIDDABLE)	LSUM				1
6" PERFORATED PIPE UNDERDRAIN ROUND	L.F.	162			162

SUMMARY OF BRIDGE B PAY QUANTITIES					
ITEM	UNIT	ABUTMENTS	SUPER- STRUCTURE	APPROACH SLAB	TOTAL
SUBSTRUCTURE EXCAVATION COMMON	C.Y.	1,160			1,160
GRANULAR BACKFILL	C.Y.	2,935			2,935
CLSM BACKFILL	C.Y.	1,535			1,535
PRESTRESSED CONCRETE BEAMS (TYPE J BT)	L.F.		637		637
APPROACH SLAB	S.Y.			425.6	425.6
SAW-CUT GROOVING	S.Y.		613	398	1,011
SEALED EXPANSION JOINT	L.F.		49.5		49.5
42" F-SHAPED PARAPET	L.F.		262.5	170.2	432.7
STRUCTURAL STEEL	LB.		1,660		1,660
STAINLESS STEEL FIXED BEARING ASSEMBLY	EA.		5		5
STAINLESS STEEL EXPANSION BEARING ASSEMBLY	EA.		5		5
CLASS AA CONCRETE	C.Y.		192.6		192.6
CLASS A CONCRETE	C.Y.	1,371.2			1,371.2
EPOXY COATED REINFORCING STEEL	LB.	134,200	44,080		178,280
PILES, FURNISHED (HP 14X89)	L.F.	3,387			3,387
PILES, DRIVEN (HP 14X89)	L.F.	3,387			3,387
PILE SPLICE, H-PILE (NON-BIDDABLE)	EA.	1			1
WATER REPELLENT (VISUALLY INSPECTED)	S.Y.	626	617	84	1,327
(SP)NEST PREVENTION	LSUM				1
(SP)AESTHETIC FORM LINERS (NON-BIDDABLE)	LSUM				1
6" PERFORATED PIPE UNDERDRAIN ROUND	L.F.	162			162
6" NON-PERF. PIPE UNDERDRAIN	L.F.	140			140

BRIDGE B

- 105. GENERAL PLAN AND ELEVATION
- 106. ABUTMENT NO. 1 - PLAN AND ELEVATION
- 107. ABUTMENT NO. 1 - FOOTING DETAILS
- 108. ABUTMENT NO. 1 - WALL REINFORCEMENT
- 109. ABUTMENT NO. 1 - SECTIONS
- 110. ABUTMENT NO. 1 - WING DETAILS
- 111. ABUTMENT NO. 1 - PEDESTALS AND BAR BENDS
- 112. ABUTMENT NO. 2 - PLAN AND ELEVATION
- 113. ABUTMENT NO. 2 - FOOTING DETAILS
- 114. ABUTMENT NO. 2 - WALL REINFORCEMENT DETAILS
- 115. ABUTMENT NO. 2 - SECTIONS
- 116. ABUTMENT NO. 2 - WING DETAILS
- 117. ABUTMENT NO. 2 - PEDESTALS AND BAR BENDS
- 118. SLAB REINFORCING PLAN
- 119. ADDITIONAL SLAB REINFORCING DETAILS
- 120. APPROACH SLAB NO. 1 PLAN
- 121. APPROACH SLAB NO. 2 PLAN
- 122. APPROACH SLAB DETAILS

STANDARDS:

- FSHP-42-2-00E
- EJ-SK-03E
- EJ-DTL-01E
- HP1-2-00E
- LECS-4-1
- PUD-3-2
- LTU-4-0

FOUNDATION DATA

ABUTMENTS (HP14X89 PILING)
FACTORED PILE REACTION = 152.6 TON/PILE

STEEL PILING:

ALL PILING SHALL BE DRIVEN THRU COMPACTED FILL. PILING SHALL BE DRIVEN TO A POINT BEARING ON SOLID FOUNDATION MATERIAL AT THE APPROXIMATE ELEVATION SHOWN ON THE PLANS. IF THE REQUIRED AXIAL LOAD RESISTANCE IS NOT OBTAINED AT THIS ELEVATION, DRIVING SHALL CONTINUE UNTIL THE REQUIRED AXIAL LOAD RESISTANCE IS OBTAINED. THE LENGTH OF STEEL PILING SHOWN ON THE PLANS IS FOR ESTIMATING PURPOSES ONLY.

DESIGN	T.A.C.		OKLAHOMA CITY BOULEVARD	OKLAHOMA COUNTY
DRAWN	R.A.P.		OVER CLASSEN BLVD.	BRIDGE A & B
CHECKED	T.A.C.		SUMMARY OF BRIDGE PAY QUANTITIES	
APPROV.	T.A.C.			
SQUAD	CEC			
			JOB PIECE NO. 17428(88)	SHEET NO. 74