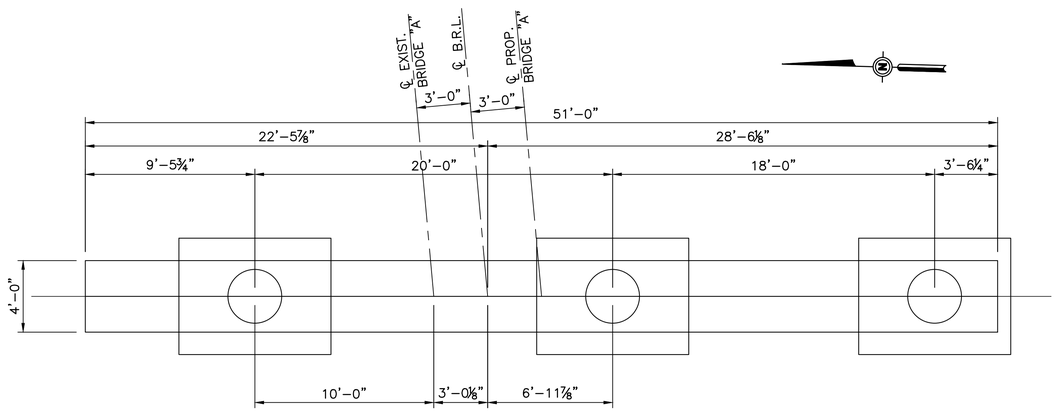
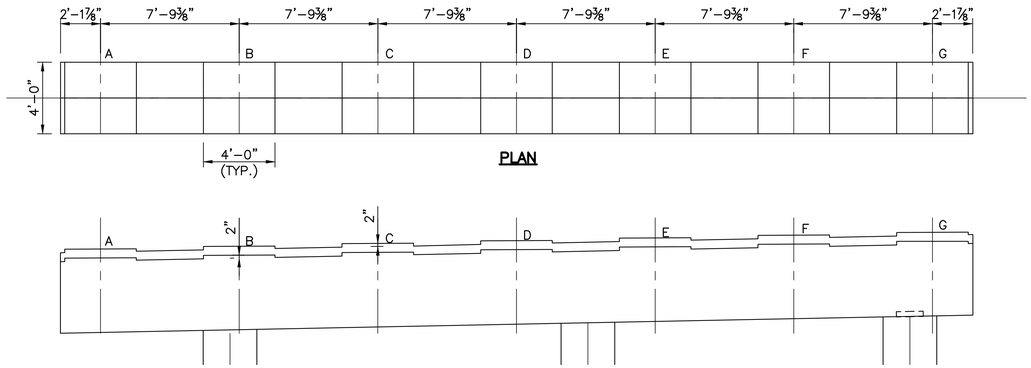
REVISIONS		
REV. NO.	DESCRIPTION	DATE
1	TABLE NAME	9/14/17



PLAN

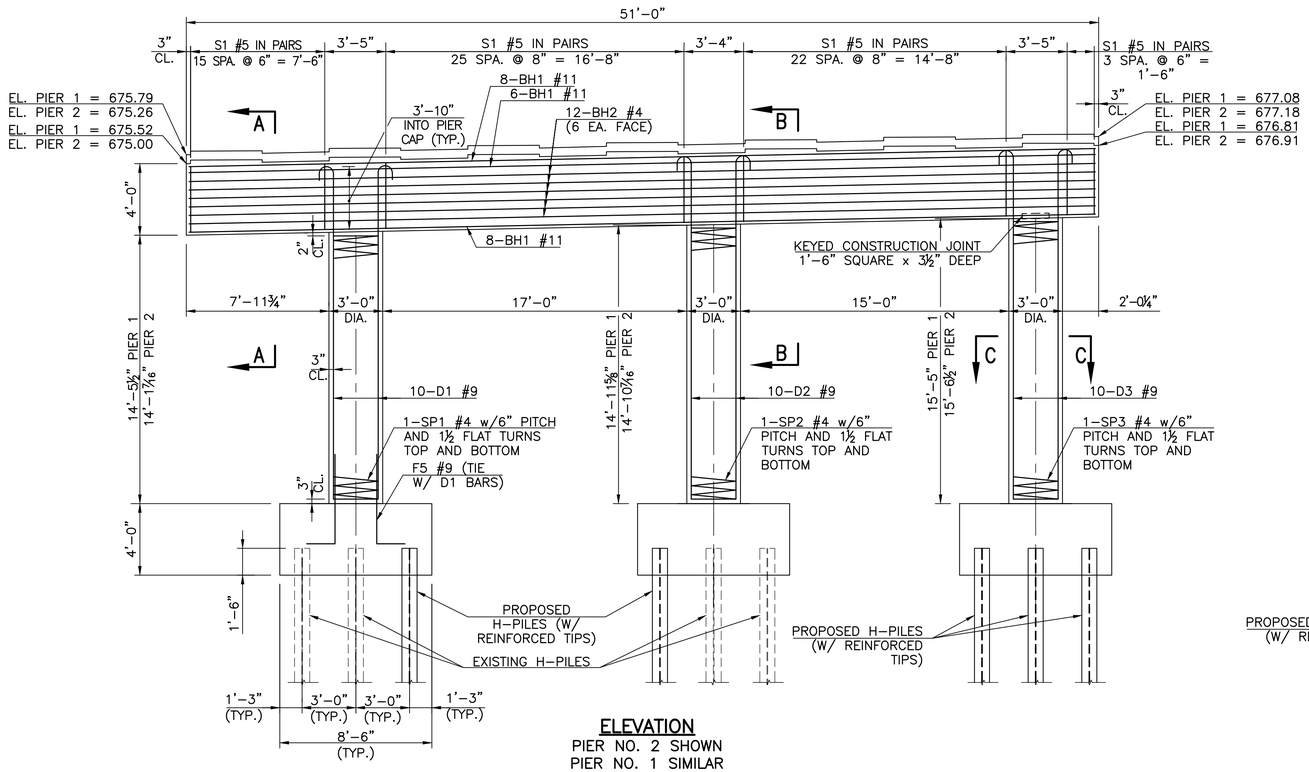


PLAN

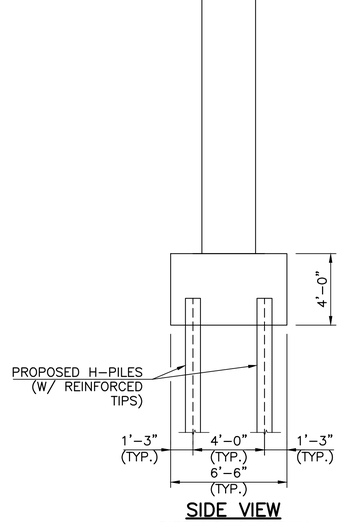
ELEVATION

PEDESTAL LAYOUT

PIER NO. 2 SHOWN
PIER NO. 1 SIMILAR



ELEVATION
PIER NO. 2 SHOWN
PIER NO. 1 SIMILAR



SIDE VIEW
PIER NO. 2 SHOWN
PIER NO. 1 SIMILAR

ELEVATION AT BEARING SEAT-BRIDGE "A"							
Description	A	B	C	D	E	F	G
ABUT 1	676.15	676.30	676.46	676.61	676.76	676.91	677.06
PIER 1 - SPAN 1	676.01	676.21	676.41	676.61	676.81	677.00	677.19
PIER 1 - SPAN 2	675.74	675.94	676.14	676.34	676.54	676.73	676.92
PIER 2 - SPAN 2	675.25	675.54	675.84	676.13	676.42	676.71	677.00
PIER 2 - SPAN 3	675.51	675.81	676.11	676.40	676.69	676.98	677.27
ABUT 2	675.19	675.53	675.87	676.21	676.55	676.88	677.22

BRIDGE "A" PIER 1 BAR LIST				
MARK	SIZE	FORM	NUMBER	LENGTH
EPOXY COATED				
BH1	#11	STR.	22	50'-6"
BH2	#4	STR.	15	50'-6"
BH3	#4	BNT.	12	5'-8"
D1	#9	BNT.	10	19'-7"
D2	#9	BNT.	10	20'-1"
D3	#9	BNT.	10	20'-7"
S1	#5	BNT.	138	13'-3"
SP1	#4	SPR.	1	251'-2"
SP2	#4	SPR.	1	259'-2"
SP3	#4	SPR.	1	266'-3"
U1	#4	BNT.	52	5'-8"
F1	#6	BNT.	21	10'-0"
F2	#9	BNT.	30	11'-2"
F3	#6	BNT.	27	8'-0"
F4	#6	BNT.	39	8'-0"
F5	#9	BNT.	30	6'-7"

BRIDGE "A" PIER 2 BAR LIST				
MARK	SIZE	FORM	NUMBER	LENGTH
EPOXY COATED				
BH1	#11	STR.	22	50'-6"
BH2	#4	STR.	15	50'-6"
BH3	#4	BNT.	12	5'-8"
D1	#9	BNT.	10	19'-3"
D2	#9	BNT.	10	20'-0"
D3	#9	BNT.	10	20'-8"
S1	#5	BNT.	138	13'-3"
SP1	#4	SPR.	1	245'-10"
SP2	#4	SPR.	1	257'-8"
SP3	#4	SPR.	1	268'-3"
U1	#4	BNT.	52	5'-8"
F1	#6	BNT.	21	10'-0"
F2	#9	BNT.	30	11'-2"
F3	#6	BNT.	27	8'-0"
F4	#6	BNT.	39	8'-0"
F5	#9	BNT.	30	6'-7"

NOTE:
CONTRACTOR SHALL COMPACT BACKFILL TO 95% STANDARD DENSITY WHEN BACKFILLING PIER FOOTINGS.

1

BRIDGE "A" PIER QUANTITIES			
ITEM	UNIT	PIER 1	PIER 2
CLASS A CONCRETE	C.Y.	68.9	68.8
EPOXY COATED REINFORCING STEEL	LB.	15,015.0	15,000.0
PILES, DRIVEN (HP10X42)	L.F.	320.0	320.0
PILES, FURNISHED (HP10X42)	L.F.	320.0	320.0
WATER REPELLENT (VISUALLY INSPECTED)	S.Y.	84.0	84.0

TULSA COUNTY — US–64 OVER 97TH W. AVE.

DESIGN	MW	11/16
DRAWN	SDK	11/16
CHECKED	HRA	11/16
APPROVED		
WALTER P MOORE		

OKLAHOMA DEPARTMENT OF TRANSPORTATION

DETAILS OF PIERS BRIDGE "A" (SHEET 1 OF 2)

STATE JOB NO. 28884(04) SHEET NO. 43

V:\M23\2012\12003-07 0007 EC-1414 US-64 Tonk 5\Civil\Cad\Site\43-46-W12-12003-07-PIERS.dwg Sep 14, 2017 - 1:01pm SandK