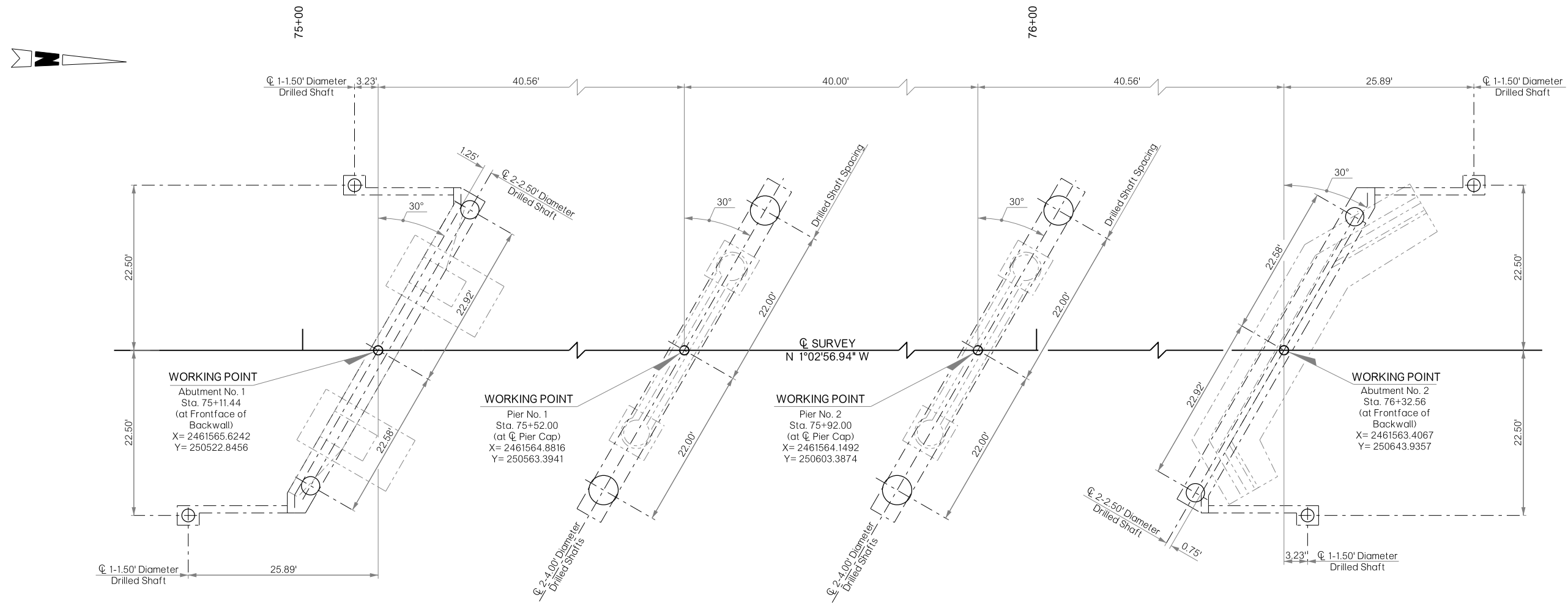
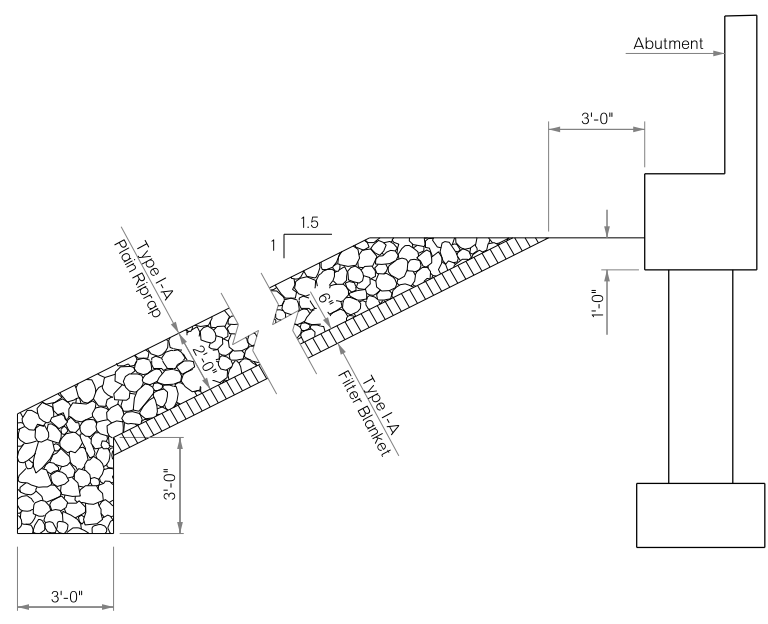


REVISIONS		
REV. NO.	DESCRIPTION	DATE



SUBSTRUCTURE STAKING DIAGRAM

ITEMIZED QUANTITIES						
ITEM	UNIT	ABUTMENT	PIER	SUPER-STRUCTURE	APPROACH SLAB	TOTAL
Substructure Excavation Common	C.Y.	515.00				515.00
CLSM Backfill	C.Y.	474.20				474.20
Approach Slab	S.Y.				281.20	281.20
Saw-Cut Grooving	S.Y.			472.90	225.20	698.10
Sealed Expansion Joint	L.F.			98.48		98.48
Concrete Rail (TR4)	L.F.			244.20	120.20	364.40
Structural Steel M270 GRADE 50W	LB.			91,900.00		92,610.00
Stainless Steel Fixed Bearing Assembly	EA.			24.00		24.00
Stainless Steel Expansion Bearing Assembly	EA.			24.00		24.00
Class AA Concrete	C.Y.			132.20		132.20
Class A Concrete	C.Y.	97.30	94.90			192.20
Class C Concrete	C.Y.					8.80
REINFORCING STEEL	LB.		410.00			410.00
Epoxy Coated Reinforcing Steel	LB.	13,120.00	14,680.00	33,210.00		61,010.00
Water Repellent (Visually Inspected)	S.Y.	89.00	179.00	180.00	56.00	504.00
Drilled Shaft 18" Diameter	L.F.	114.00				114.00
Drilled Shaft 30" Diameter	L.F.	106.00				106.00
Drilled Shaft 48" Diameter	L.F.		60.00			60.00
Crosshole Sonic Logging	EA.	1.00	1.00			2.00
Type I-A Plain Riprap	TON					570.00
Type I-A Filter Blanket	TON					110.00
Removal Of Existing Bridge Structure	LSUM.					1.00



SECTION THRU RIPRAP AT BRIDGE SEAT
(Dimensions are normal to Bridge Seat)

DRILLED SHAFT CONSTRUCTABILITY:

DUE TO THE HARD ROCK ENCOUNTERED AT THIS SITE, DRILLED SHAFT EXCAVATIONS MAY REQUIRE HEAVY-DUTY DRILLING EQUIPMENT. THE CONTRACTOR IS RESPONSIBLE FOR BECOMING FAMILIAR WITH THE EXISTING SUBSURFACE CONDITIONS AND THEIR IMPLICATIONS ON THE DIFFICULTY OF THE DRILLING PROCESSES, PRIOR TO BEGINNING WORK.

BRIDGE "A" SH-78 OVER CHUCKWA CREEK		BRYAN COUNTY		Design	CJO	6/15
SUBSTRUCTURE STAKING DIAGRAM				Detail	DPG	8/15
				Check	TEE	9/15
STATE OF OKLAHOMA				DEPARTMENT OF TRANSPORTATION		
JOB/PIECE NO. 27912(04)				SHEET NO. B004		