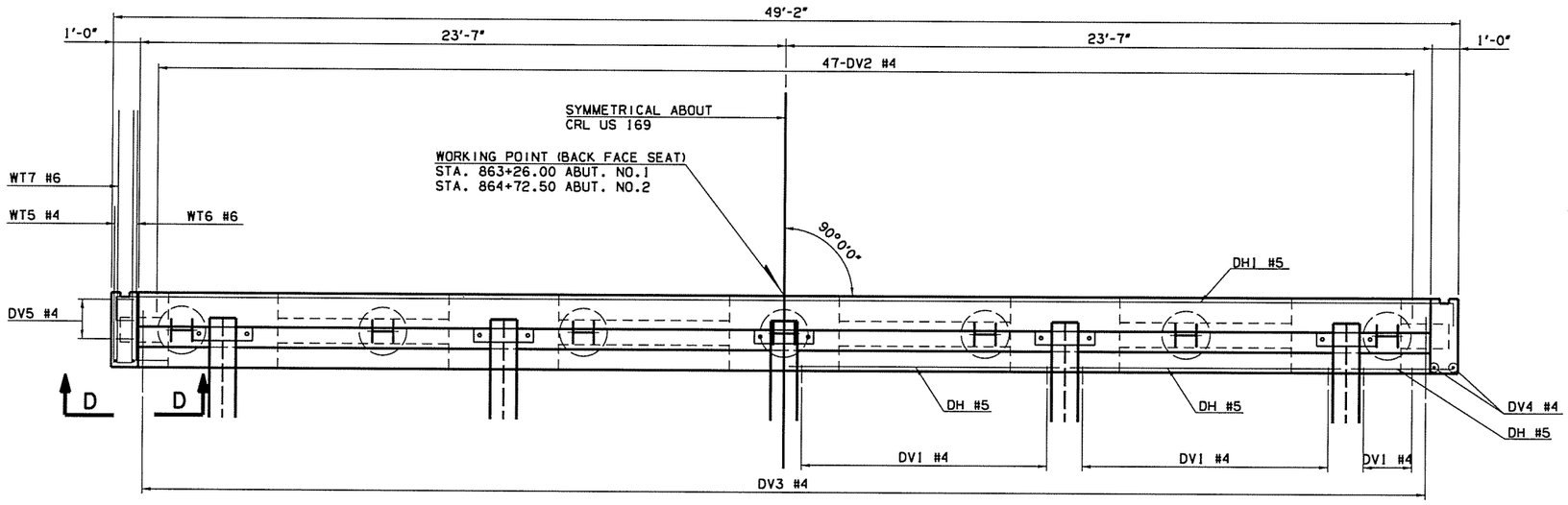
7/12/2016

11:26:58 AM

P:\ECIV\650-TUL\CIV\25523I000.ODOT_US169Br-dg\20.DESGNV40.CAD.Opossum\DGN\S1aBridge 2\27092(04).S.2.Adlo.1.2.04.dgn

ODOT DIVISION	STATE	J/P PROJ NO	FISCAL YEAR	SHEET NO	TOTAL SHEETS
8	OKLA	27092(04)		74	143
DESCRIPTION	REVISIONS				DATE

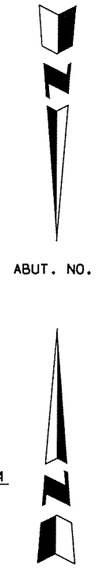


TYPICAL FRONT FACE REINFORCEMENT BETWEEN BEAMS

ABUTMENT NO. 2 LOOKING UP STATION
ABUTMENT NO. 1 LOOKING DOWN STATION OPP. HAND

PLAN - ABUTMENT DIAPHRAGM

SCALE: 3/8" = 1'-0"

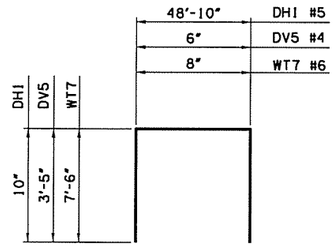


ABUTMENT DIAPHRAGM BAR LIST

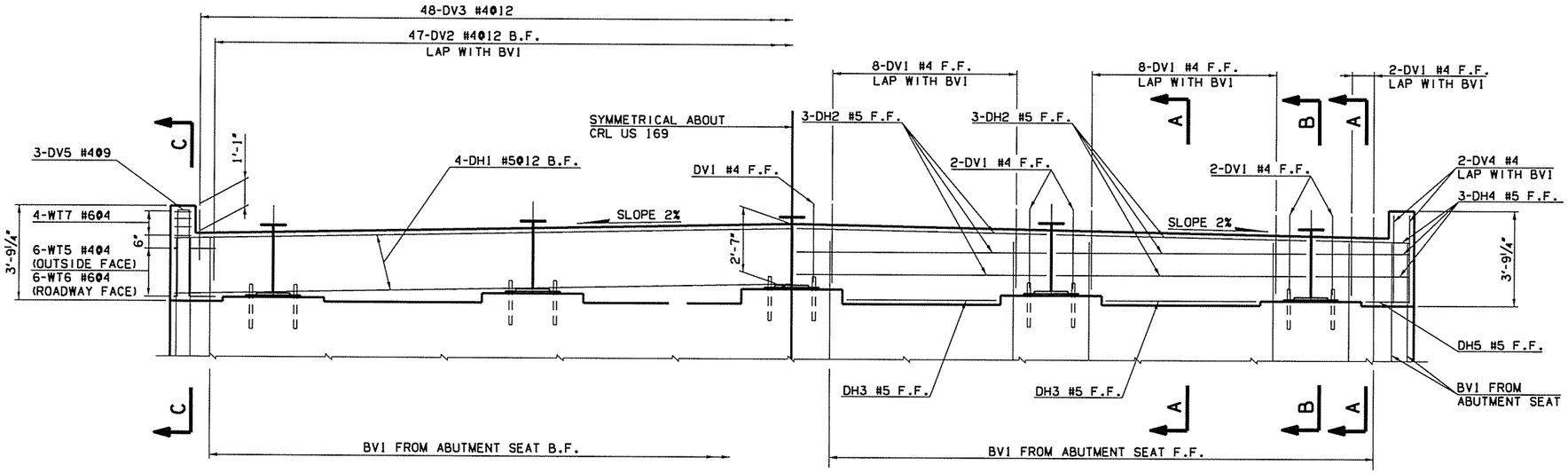
(ONE DIAPHRAGM SHOWN, TWO REQUIRED)

EPOXY COATED REINFORCING

MARK	SIZE	QTY.	FORM	LENGTH	REMARKS
DV1	#4	46	BNT	3'-6"	
DV2	#4	47	BNT	2'-6"	
DV3	#4	48	BNT	5'-0"	
DV4	#4	4	STR	3'-5"	
DV5	#4	6	BNT	7'-4"	
DH1	#5	4	BNT	50'-6"	
DH2	#5	12	STR	9'-11"	
DH3	#5	4	STR	5'-11"	
DH4	#5	6	STR	3'-9"	
DH5	#5	2	STR	1'-9"	
WT5	#4	12	STR	5'-9"	
WT6	#6	12	BNT	8'-6"	
WT7	#6	8	BNT	15'-8"	



DH1 #5 X 50'-6"
DV5 #4 X 7'-4"
WT7 #6 X 15'-8"

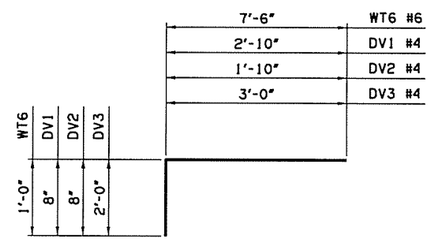


TYPICAL FRONT FACE REINFORCEMENT BETWEEN BEAMS

ABUTMENT NO. 2 LOOKING UP STATION
ABUTMENT NO. 1 LOOKING DOWN STATION OPP. HAND

ELEVATION

SCALE: 3/8" = 1'-0"



WT6 #6 X 8'-6"
DV1 #4 X 3'-6"
DV2 #4 X 2'-6"
DV3 #4 X 5'-0"

F.F. = FRONT FACE
B.F. = BACK FACE

Design	STF	6/16
Drawn	RAH	6/16
Checked	DAS	6/16
Approved	SAK	6/16
Squad	BENHAM	

US 169 OVER OPOSSUM CREEK OVER FLOW NOWATA COUNTY
BRIDGE B

ABUTMENT DETAILS
(SHEET 2 OF 4)

Job Piece No. 27092(04) Sheet No. 74