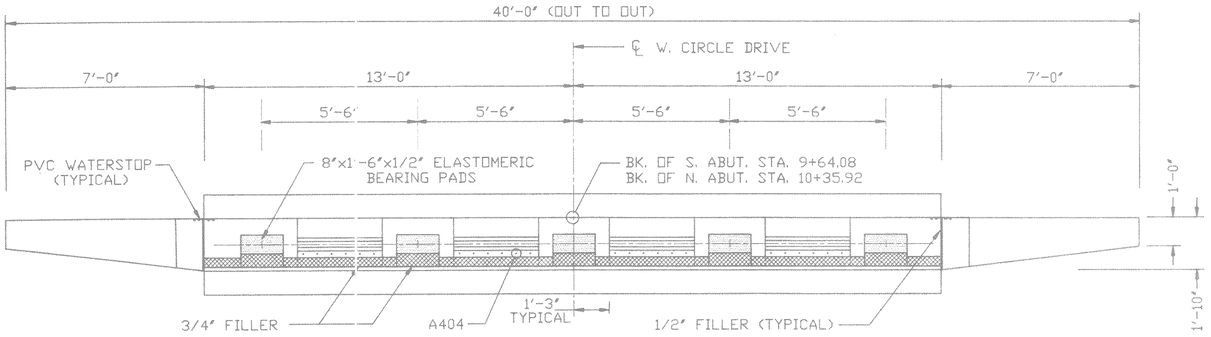
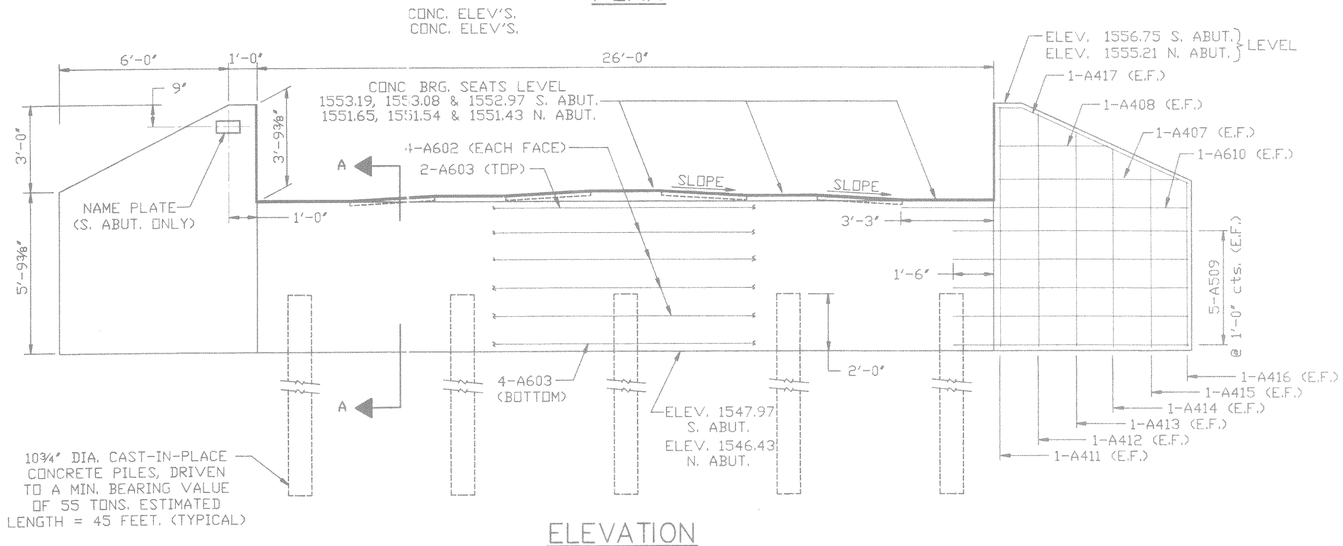
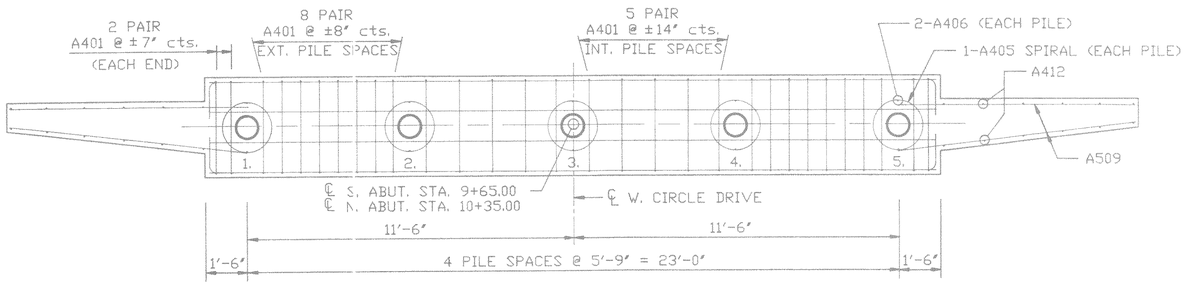
STATE PROJECT NUMBER	SHEET NO.
9863-02-70	



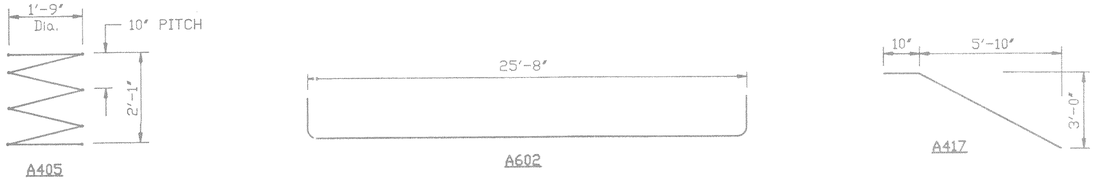
PLAN

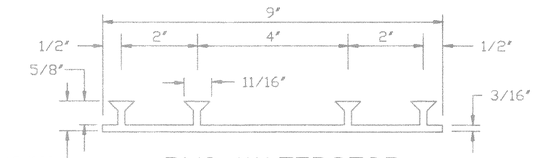


ELEVATION
(LOOKING SOUTH @ S. ABUT.)
(LOOKING NORTH @ N. ABUT.)

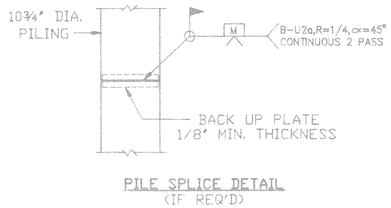


PILE PLAN

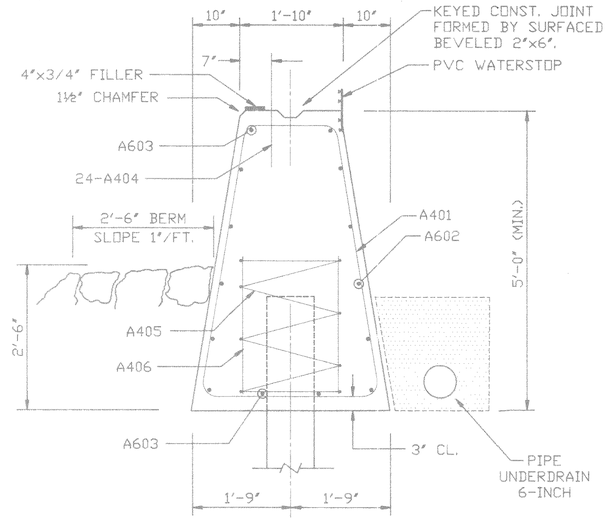




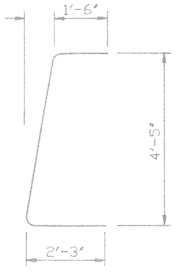
PVC WATERSTOP



PILE SPLICE DETAIL
(IF REQ'D)



SECTION A-A



A401

NOTES

EDGES OF EXPOSED CONCRETE SHALL BE CHAMFERED 3/4", EXCEPT AS SHOWN.

REINFORCING BARS SHALL HAVE A MINIMUM COVER OF 2", EXCEPT AS SHOWN.

BENDS IN REINFORCING BARS NOT SPECIFICALLY DETAILED SHALL BE STANDARD HOOKS OR BENDS.

PVC WATERSTOP IS TO BE EXTENDED HORIZONTAL BETWEEN WING-WALLS, AND VERTICAL FROM TOP OF ABUTMENT BODY TO TOP OF WINGWALLS. IT SHALL BE FLUSH WITH THE CONCRETE, AND BUT SPLICED AT ALL INTERSECTIONS USING A HEATED SPLICING IRON..

1/2" FILLER IS TO EXTEND AS SHOWN. SEAL ALL EXPOSED EDGES WITH NON-STAINING GRAY NON-BITUMINOUS JOINT SEALER. (1" DEEP AND 1/8" BELOW SURFACE)

ABUTMENTS ARE SYMMETRICAL ABOUT ℄ W. CIRCLE DRIVE.

BAR LIST *

MARK	SHAPE	NO.	LENGTH	WEIGHT	LOCATION
A401	⊏	120	8'-1"	648	ABUTMENT BODY
A602	⊔	16	27'-4"	657	ABUTMENT BODY (FACES)
A603	—	12	25'-8"	463	ABUTMENT BODY (T&B)
A404	—	48	2'-0"	64	SUB/SUPER DOWELS
A405	∿∿	10	28'-0"	187	PILE CONFINEMENT
A406	—	20	2'-3"	30	PILE CONFINEMENT
A407	—	8	6'-4"	34	WING WALLS (T. HORZ.)
A408	—	8	3'-1"	16	WING WALLS (T. HORZ.)
A509	—	40	8'-4"	348	WING WALLS (B. HORZ.)
A610	—	8	10'-1"	121	WING WALLS (HORZ. TIE)
A411	—	8	8'-6"	45	WING WALLS (VERT.)
A412	—	8	8'-2"	44	WING WALLS (VERT.)
A413	—	8	7'-6"	40	WING WALLS (VERT.)
A414	—	8	6'-10"	37	WING WALLS (VERT.)
A415	—	8	6'-2"	33	WING WALLS (VERT.)
A416	—	8	5'-6"	29	WING WALLS (VERT.)
A417	◺	8	7'-4"	39	WING WALLS (TOP)
			Σ=	2835	LBS.

* BAR LIST IS FOR BOTH ABUTMENTS.

No.	Date	Revision	By :

BECHER-HOPPE Inc.
ENGINEERS,ARCHITECTS,PLANNERS
330 Fourth Street
Wausau,WI. 54402

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-35-104

Const. Spec. : WI. 1989	Drawn By : DGK	Plans Checked :

ABUTMENTS

SHEET 3 of 7

X82697

S-ABUTS.DWG