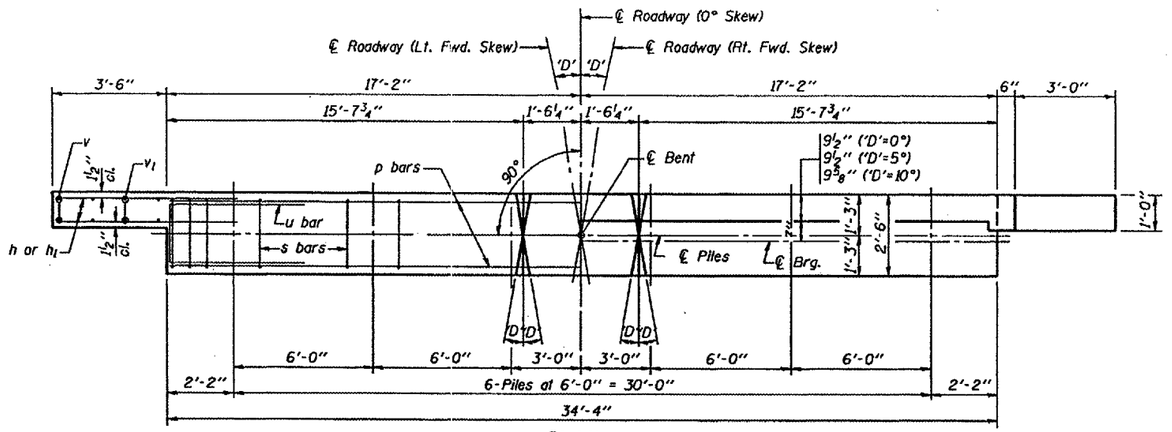
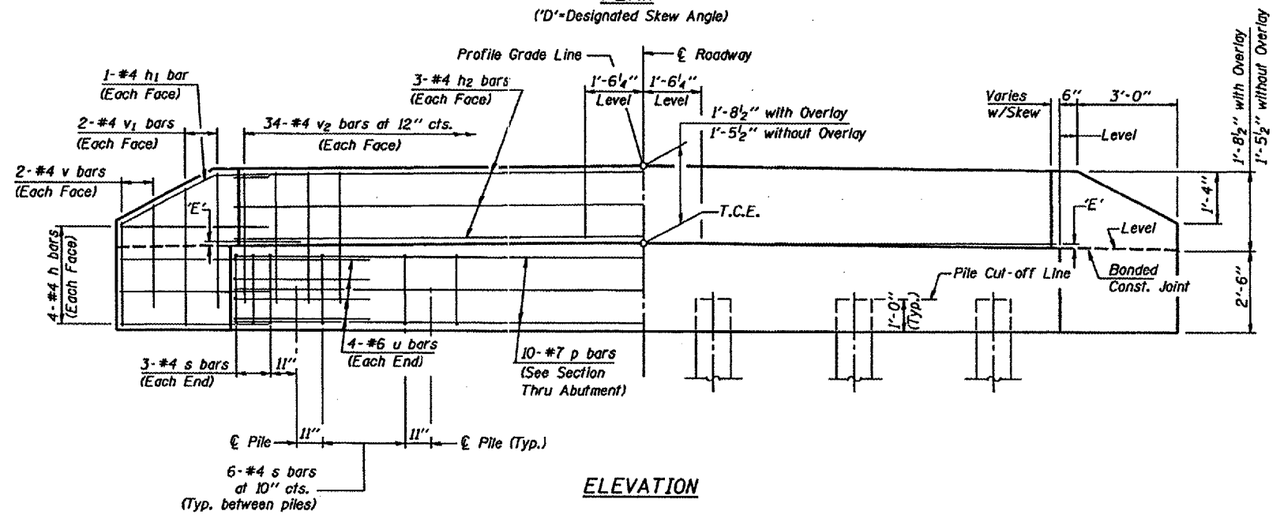
RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 766	04-00176-00-BR	MADISON	26	12

CONTRACT NO. 97296

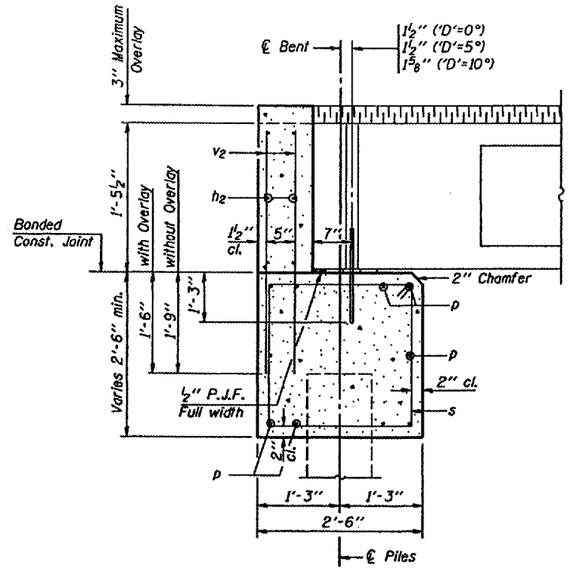


PLAN

('D'=Designated Skew Angle)



ELEVATION



SECTION THRU ABUTMENT

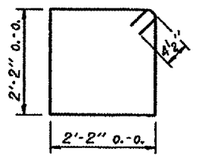
(At Right Angles)

DIMENSION 'E'

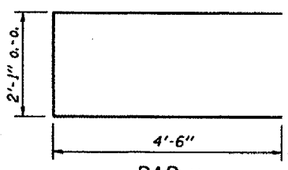
GRADE	'D'=0°		'D'=5°		'D'=10°	
	UPGRADE END	DOWNGRADE END	UPGRADE END	DOWNGRADE END	UPGRADE END	DOWNGRADE END
0%	2⅞"	2⅞"	2⅞"	2⅞"	2⅞"	2⅞"
Over 0% to 1%	2⅞"	2⅞"	2⅞"	3"	2¾"	3"
Over 1% to 2%	2⅞"	2⅞"	2⅝"	3⅛"	2⅜"	3⅜"
Over 2% to 3%	2⅞"	2⅞"	2½"	3⅜"	2⅛"	3¾"
Over 3% to 4%	2⅞"	2⅞"	2⅜"	3½"	1¾"	4"

NOTES

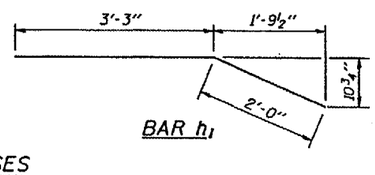
1. The Backwall and the portion of the Wingwalls above the bonded construction joint shall be cast against the in-place beam.
2. Reinforcement bars shall conform to the requirements of A.A.S.H.T.O. M-31 or M-322, Grade 60.
3. Space reinforcement in cap to miss anchor bolts.



BAR s



BAR u



BAR h1

BILL OF MATERIAL FOR ONE ABUTMENT

Bar	No.	Size	Length	Shape
h	16	#4	5'-0"	
h1	4	#4	5'-3"	
h2	6	#4	34'-0"	
p	10	#7	34'-0"	
s	36	#4	9'-5"	
u	8	#6	11'-1"	
v	8	#4	2'-6"	
v1	8	#4	3'-5"	
v2	68	#4	3'-1"	
Concrete Structures			11.0 Cu. Yds.	
Reinforcement Bars			1430 Lb.	

MAXIMUM PILE LOADS

SPAN	TONS
25'	25
30'	25
35'	25
40'	25

DESIGN STRESSES

f'c = 3,500 psi
fy = 60,000 psi

Illinois Department of Transportation

PASSED APRIL 4, 2005
Thomas J. Domagalski (VB)
Engineer of Bridge Design
APPROVED APRIL 4, 2005
Ralph E. Anderson
Engineer of Bridges and Structures

ISSUED 4-4-2005

P.P.C. DECK BEAMS
PILE BENT ABUTMENT

33' RDWY. | 17" BMS. | 'D'=0°, 5° OR 10°

STANDARD CA-3317-10