



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Bar No. 1
Bar No. 2
Bar No. 3
Bar No. 4
Bar No. 5
Bar No. 6
Bar No. 7
Bar No. 8
Bar No. 9
Bar No. 10
Bar No. 11
Bar No. 12
Bar No. 13
Bar No. 14
Bar No. 15
Bar No. 16
Bar No. 17
Bar No. 18
Bar No. 19
Bar No. 20
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Bar No. 36
Bar No. 37
Bar No. 38
Bar No. 39
Bar No. 40
Bar No. 41
Bar No. 42
Bar No. 43
Bar No. 44
Bar No. 45
Bar No. 46
Bar No. 47
Bar No. 48
Bar No. 49
Bar No. 50

NOTES: Bars indicated thus
6x2-#7 etc. indicates 6
lines of bars with 2
lengths per line.
Space reinforcement in cap to
miss anchor bolts.
Pour steps monolithically with cap.

NOTES:
For step elevations and reinforcement
see sheet #4.
Pitched area to be poured after
superstructure forms have been
removed. Quantity of Class X Concrete
included with Sec 82-4HVB(S,E,D)
for detail of Electrical Conduit
see sheet #3.

1" Anchor Bolt for Side Retainer
(at inside face of exterior girders
1,7,8 & 14 only).

BILL OF MATERIAL

Bar	No	Size	Length	Shape
n	40	#5	30'5"	
n1	20	#5	4'0"	
n2	3	#4	16'6"	
n3	12	#5	23'1"	
n4	16	#5	30'5"	
n5	12	#4	16'6"	
s	30	#6	9'10"	
s1	6	#6	7'3"	
s2	32	#7	31'10"	
s3	12	#7	17'1"	
s4	136	#4	14'11"	
s5	34	#4	9'5"	
s6	88	#4	5'2"	
s7	16	#6	8'11"	
v	110	#5	2'0"	
v1	6	#6	8'7"	
v2	36	#6	8'5"	
v3	120	#4	3'3"	
v4	240	#4	6'6"	
v5	30	#6	8'9"	
u	16	#6	8'11"	
u1	110	#5	2'0"	
u2	6	#6	8'7"	
u3	36	#6	8'5"	
u4	120	#4	3'3"	
u5	240	#4	6'6"	
u6	30	#6	8'9"	
w	110	#5	2'0"	
w1	6	#6	8'7"	
w2	36	#6	8'5"	
w3	120	#4	3'3"	
w4	240	#4	6'6"	
w5	30	#6	8'9"	
h	16	#6	8'11"	
h1	110	#5	2'0"	
h2	6	#6	8'7"	
h3	36	#6	8'5"	
h4	120	#4	3'3"	
h5	240	#4	6'6"	
h6	30	#6	8'9"	

PILE DATA

Type Concrete
Capacity 35 Tons
Est. Length 83'
No. Required 35+1 test pile
in a permanent location.

Bar	No	Size	Length	Shape
n	40	#5	30'5"	
n1	20	#5	4'0"	
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s1	6	#6	7'3"	
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h3	36	#6	8'5"	
h4	120	#4	3'3"	
h5	240	#4	6'6"	
h6	30	#6	8'9"	

SOUTH ABUTMENT
F.A.I. RT. 255 SEC. 82-4HVB (B)
ST. CLAIR COUNTY
STA. 750+74.23

DESIGNED Jim Kohout
CHECKED Lance Kidd
DRAWN R. Doty
CHECKED L.K.

EXAMINED July 23 1981
PASSED
APPROVED
DIRECTOR OF HIGHWAYS

A-1 12-30-77

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