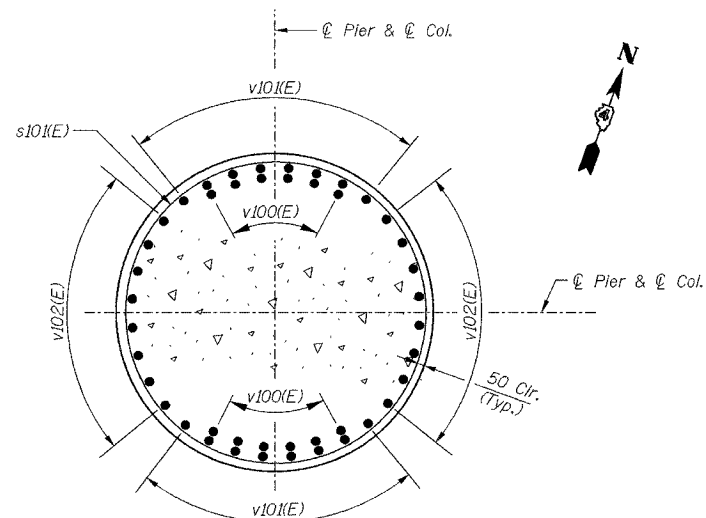
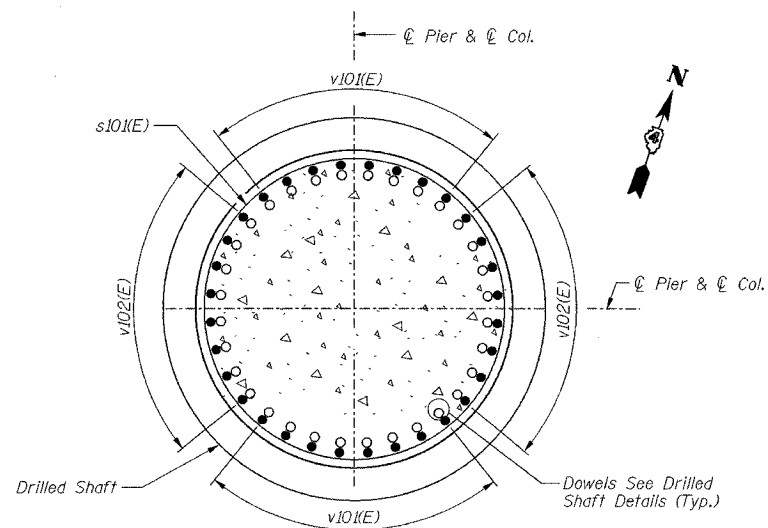


68201	ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FAI 74	*	TAZEWELL	1366	583
STA.			TO STA.		
F.H.W.A. REGION			ILLINOIS PROJECT		



SECTION D-D

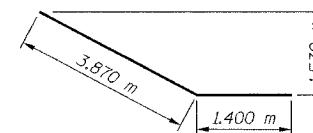


SECTION C-C

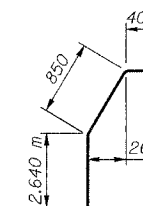
DESIGNED	JWCIII
CHECKED	SWS
DRAWN	VH
CHECKED	LRB

**NOTES:**

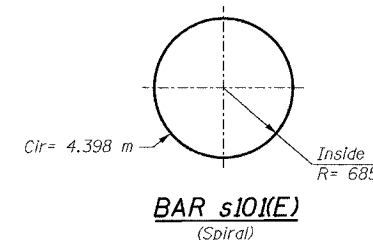
1. Dimensions are out to out unless noted otherwise.
2. Work this sheet with Sheet 37.



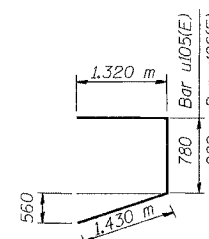
BAR p110(E)



BAR v100(E)



BAR s101(E)  
(Spiral)



BARS u105(E) & u106(E)

BARS u100(E), u101(E), u102(E),  
u103(E), u104(E) & u107(E)

Bar	a	b
u100(E)	560	800
u101(E)	560	930
u102(E)	560	1.170 m
u103(E)	560	1.550 m
u104(E)	870	1.320 m
u107(E)	900	610

**BILL OF MATERIAL**

Bar	No.	Size	Length (m)	Shape
p100(E)	6	# 15	8.80	—
p101(E)	12	# 35	8.80	—
p102(E)	6	# 15	6.72	—
p103(E)	6	# 15	4.35	—
p104(E)	4	# 15	8.58	—
p105(E)	2	# 15	7.45	—
p106(E)	4	# 15	6.27	—
p107(E)	2	# 15	5.11	—
p108(E)	4	# 15	3.96	—
p109(E)	2	# 15	2.80	—
p110(E)	8	# 15	5.27	—
p111(E)	2	# 15	0.72	—
p112(E)	2	# 15	0.96	—
p113(E)	6	# 15	1.98	—
s101(E)	1	# 15	5.96	WVV
u100(E)	16	# 20	2.16	U
u101(E)	24	# 20	2.42	U
u102(E)	48	# 20	2.90	U
u103(E)	104	# 20	3.65	U
u104(E)	9	# 20	3.51	U
u105(E)	4	# 20	3.53	U
u106(E)	4	# 20	3.73	U
u107(E)	25	# 15	2.12	U
v100(E)	12	# 30	3.89	—
v101(E)	16	# 30	6.38	—
v102(E)	16	# 30	7.44	—
Structure Excavation		CU M	66	
Concrete Structures		CU M	28.0	
Reinforcement Bars, Epoxy Coated		KG	4,120	

Reinforcement Bars designated (E) shall be epoxy coated.

\*\*\*Length is height of spiral.

Cir. = circumference (using outside diameter).

ILLINOIS DEPARTMENT OF TRANSPORTATION  
RAMP K-2 OVER  
MAIN ST & RAMP J-3  
F.A.I. ROUTE 74 (I-74)  
SECTION 90-IIB-5  
**PIER 1 DETAILS**

SN: 090-0156  
TAZEWELL CO., IL.

STA. 10+529.222  
DATE: 12-23-04

**ab** alfred benesch & company  
CONSULTING ENGINEERS  
205 NORTH MICHIGAN AVENUE, CHICAGO, ILLINOIS 60601  
JOB NO. 3573

2/3/2005

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