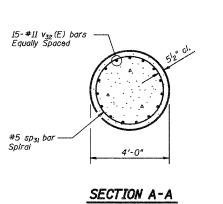
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY		TOTAL SHEETS	SHEET NO.
F.A.P. 351	3277R	coo	K	66	44
FED. ROAD	ILLINOIS FED. AID PROJECT-				

Contract No. 62206



(Typ.)

(Typ.)

3'-6" ø (Typ.) -Est. Rock

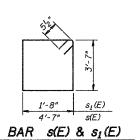
DRILLED SHAFT DETAIL

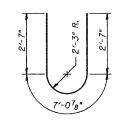
Elev. = 582.30

— 1-#5 sp₃₁ Spiral (Typ.)
Each Shaft- Provide
1½ extra turns top
and bottom. Provide
min. 4-#4 bar spacers
or equivalent.

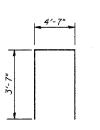
El. 602.50

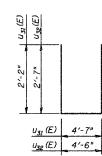
El. 597.21





BAR U₃₀(E)





BAR s₂(E)

BAR U31 (E) & U32 (E)

<u>PIER</u> BILL OF MATERIAL

		UF MAI	EKIAL	
Bar	No.	Size	Length	Shape
h30(E)	8	#10	34'-3"	
h ₃₁ (E)	8	#10	11'-5"	
h32(E)	10	#5	4'-8"	
h33(E)	10	#5	5'-0"	
h34(E)	12	#5	31'-9"	
h ₃₅ (E)	12	#5	18'-7"	
h ₃₆ (E)	6	#5	34'-3"	
$h_{37}(E)$	6	#5	11'-5"	
0 ₃₀ (E)	16	#10	34'-3"	-
р ₃₁ (Е)	16	#10	11'-5"	
s(E)	65	#5	17'-3"	3
s ₁ (E)	60	#5	11'-5"	13
s ₂ (E)	42	#5	11'-9"	
$p_{30}(E)$	6	#5	14'-4"	MM
P31	6	#5	17'-11"	WW
и ₃₀ (Е)	12	#6	12'-3"	
U31 (E)	12	#5	8'-11"	
u32(E)	30	#5	9'-8"	
v ₃₀ (E)	90	#9	12'-10"	-
v31 (E)	110	#5	4'-10"	
$V_{32}(E)$	90	#11	29'-4"	************
3ar Sp	licer		Each	42
Structu	re Exc	avation	Cu. Yd.	63.8
	te Stru		Cu. Yd.	106.4
	rcement		Pound	2,740
	cement	Bars,	Pound	30,440
Ероху	Coated		7 00110	30,770
			_	
Bridge	Seat S	ealer	Sq. Ft.	250
Drilled	Shaft	in Soll 48"	Foot	89.5
Drilled	Shaft i	in Rock 42"	Foot	18.0

Notes:

Reinforcement Bars designated (E) shall be epoxy coated.

Length of Spiral given is height of Spiral. Weight includes weight of spacers for Spiral.

Drilled Shafts shall be drilled to Elevation <u>579.30</u>.

Quantities and Detailing are for the estimated Elevations shown on the Plans.

The actual conditions encountered in each Shaft may differ and the Drilled Shaft and Reinforcement Quantities shall be adjusted accordingly as directed by the Engineer and paid for at the corresponding Unit Bid Price.

kondahindi dalam pagasi kilong pengandakan pengandakan pengandak		PIER	
Date 3/27/06 Revisions	Designed DCS	CN RAILROAD BRIDGE OVER U.S. 6 (159TH STREET)	Sheet No.
	Drawn BKN	F.A.P. RTE. 351 SECTION 3277R	26
	Checked TDN	COOK COUNTY STATION 92+24.25	1 20
	Approved KWB	STRUCTURE NO. 016-2754	of 30
Prepared By:		40 N. University Ave., Suite 1	URS Job No. 36430825