



DRILLED SHAFT NOTES

- Contractor is responsible for determining the casing thickness and the actual tip elevation to be used. See Article 516.06(d) of the Standard Specifications.
- Pay limits for the Permanent Casing shall be based on the minimum length shown.

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h100(E)	4	#5	30'-9"	—
h101(E)	12	#6	24'-7"	—
h102(E)	10	#8	24'-7"	—
h103(E)	4	#5	29'-1"	—
h104(E)	12	#6	22'-11"	—
h105(E)	10	#8	22'-11"	—
h106(E)	2	#5	25'-9"	—
h107(E)	2	#5	27'-5"	—
n100(E)	112	#9	15'-5"	—
p100(E)	10	#9	30'-9"	—
p101(E)	5	#9	24'-3"	—
p102(E)	10	#9	16'-1"	—
p103(E)	4	#5	5'-8"	—
p104(E)	10	#9	29'-1"	—
p105(E)	5	#9	22'-3"	—
p106(E)	4	#5	4'-0"	—
s100(E)	190	#6	12'-2"	□
s101(E)	112	#6	6'-11"	□
s102(E)	64	#5	3'-8"	U
s103(E)	64	#5	5'-4"	U
s104(E)	64	#5	8'-0"	U
s105(E)	97	#6	21'-0"	□
sp100	8	#4	83'-11"	≡
u100(E)	8	#6	9'-10"	□
u101(E)	12	#4	7'-4"	□
u102(E)	16	#6	10'-8"	□
v100(E)	56	#8	15'-8"	—
v101	336	#9	33'-6"	—

Structure Excavation	Cu Yd	51
Concrete Structures	Cu Yd	83.0
Reinforcement Bars	Pound	45,940
Reinforcement Bars, Epoxy Coated	Pound	23,380
Permanent Casing	Foot	646
Drilled Shaft in Soil	Cu Yd	231
Drilled Shaft in Rock	Cu Yd	7
Concrete Sealer	Sq Ft	2,045
Granular Backfill for Structures	Cu Yd	76

**Length is height of spiral

NOTES:

- Reinforcement bars designated (E) shall be epoxy coated.
- Bars noted thus, 14x3-#5 indicates 14 lines of bars with 3 lengths of bars per line.
- Bars equally spaced, unless otherwise noted.
- Apply concrete sealer to all exposed concrete surfaces of the pier.
- All edges shall have standard 3/4" chamfer.
- Spirals are measured vertically.

Bar	Lap
#4	2'-7"
#5	3'-3"
#6	3'-10"
#7	5'-2"
#8	6'-9"
#9	8'-7"

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