

HIGH TENSILE ELECTRIC (NRCS)

Post & Brace Assembly Layout

1 STRAND INTERIOR

|/| 6 |X| 7 |X| 6 |N|

2 STRAND INTERIOR

|/| 6 |X| 7 |X| 6 |N|

3 STRAND

|/|/| 6 |X|X| 7 |X|X| 6 |N|N|

5 STRAND

|/|/| 6 |X|X| 7 |X|X| 6 |N|N|

ITEM	UNIT	PRICE	QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL
8 FT BRACE POSTS 6"-7"	EACH	\$13.03	8.00	\$104.23	8.00	\$104.23	12.00	\$156.34	12.00	\$156.34
7 FT LINE POSTS 3"-4"	EACH	\$7.27	19.00	\$138.06	19.00	\$138.06	19.00	\$138.06	19.00	\$138.06
8 FT BRACES 4"-5"	EACH	\$7.76	4.00	\$31.03	4.00	\$31.03	8.00	\$62.05	8.00	\$62.05
BRACE PINS - 10"	EACH	\$0.77	4.00	\$3.06	4.00	\$3.06	8.00	\$6.12	8.00	\$6.12
BRACE PINS - 5"	EACH	\$0.55	4.00	\$2.20	4.00	\$2.20	6.00	\$3.29	6.00	\$3.29
BRACE WIRE - H. TENSILE	FOOT	\$0.039	240.00	\$9.34	240.00	\$9.34	480.00	\$18.68	480.00	\$18.68
H.TENSILE WIRE 12.5 GA.	FOOT	\$0.026	1000	\$25.80	2000	\$51.60	3000	\$77.40	5000	\$129.01
FARM GATE - 14 Ft	EACH	\$115.86	1.00	\$115.86	1.00	\$115.86	1.00	\$115.86	1.00	\$115.86
GATE HANGING BOLTS	EACH	\$10.29	2.00	\$20.58	2.00	\$20.58	2.00	\$20.58	2.00	\$20.58
SPRINGS	EACH	\$6.00	1.00	\$6.00	1.00	\$6.00	1.00	\$6.00	1.00	\$6.00
INLINE STRAINERS	EACH	\$3.03	1.00	\$3.03	2.00	\$6.07	3.00	\$9.10	5.00	\$15.17
BATTENS 40"	EACH	\$3.24	0.00	\$0.00	8.00	\$25.94	15.00	\$48.63	15.00	\$48.63
BATTEN CLIPS	EACH	\$0.08	0.00	\$0.00	16.00	\$1.25	45.00	\$3.51	75.00	\$5.85
CRIMP SLEEVES	EACH	\$0.17	6.00	\$1.02	12.00	\$2.04	18.00	\$3.06	30.00	\$5.11
STAPLES - BARBED FOR HT	LBS.	\$1.49	0.19	\$0.28	0.38	\$0.56	0.56	\$0.84	0.94	\$1.40
INSULATORS	EACH	\$0.52	25.00	\$12.99	50.00	\$25.99	87.00	\$45.22	145.00	\$75.36
WRAP AROUND INS SLEEVE	EACH	\$1.14	4.00	\$4.57	8.00	\$9.14	12.00	\$13.71	20.00	\$22.84
POST DRIVING (MACH & LABOR)	HOURS	\$55.83	2.97	\$165.63	2.97	\$165.63	3.50	\$195.41	3.50	\$195.41
LABOR	HOURS	\$18.03	5.65	\$101.87	7.47	\$134.62	12.85	\$231.69	16.22	\$292.39
TOTALS										
	MATERIAL COST PER 1000 FEET			\$478.05		\$552.94		\$728.47		\$830.37
	MATERIAL COST PER FOOT			\$0.48		\$0.55		\$0.73		\$0.83
	LABOR COSTS PER 1000 FEET			\$267.50		\$300.25		\$427.09		\$487.79
	LABOR COSTS PER FOOT			\$0.27		\$0.30		\$0.43		\$0.49
	TOTAL COST PER 1000 FEET			\$745.55		\$853.19		\$1,155.56		\$1,318.16
	TOTAL COST PER FOOT			\$0.75		\$0.85		\$1.16		\$1.32

Assumptions

1000 Feet of Fence
 Single Brace Assembly on each end - 1 & 2 strand
 Double Brace Assembly on each end - 3 & 5 strand
 2 corner or line-braced assemblies
 8 Ft between brace posts
 50 Ft between line posts
 3 battens between line posts - HT
 All brace posts driven 48" in ground

Labor Requirements

Building Brace Assemblies - Single Span = .75 Hours
 Driving Line Posts = 6 minutes per post
 Driving Brace Posts = 8 minutes per post
 Attaching Wire - 2 minute per insulator

Costs for Electrification

Charger - Medium Duty \$200.00
 Ground Rods and Clamps \$125.00

Wire Spacing (Inches) - Ground up

1 Wire = 30
 2 Wire = 20-16
 3 Wire = 13-11-12
 5 Wire = 6-7-8-9-10