

BOONE COUNTY NEBRASKA COMMUNICATIONS TOWER PROJECT  
 ATTACHMENT ONE TO ADDENDUM ONE

**ATTACHMENT ONE**

DATE: May 4<sup>th</sup>, 2015  
 TO: All Vendors  
 FROM: Boone County, Buyer  
 RE: Tower Load

Following are the Anticipated Antenna Types/Heights for Boone County Tower Project. 7/8" coax cable to all antennas. Identified Telebeep Antennas will not be placed on Boone Tower at the County's Expense.

Type	Height
Future Antennas	
1. 2.6' (11Ghz) dish VHLP800-11 weight: 49 lbs. Mount is a PM-SU4-B with 63" pipe. Weight 141 lbs. Azimuth 85.43 (NRIN)	240'
2. 4' (11Ghz) dish VHLP4-11 weight: 101 lbs. Mount is a PM-SU4-B with 63" pipe. Weight 141 lbs. Azimuth 271.82 (NRIN)	200'
3. 1' (23Ghz) dish VHLP1-23 weight: 14 lbs. Mount is a PM-SU4-B with 36" pipe. Weight 121 lbs (NRIN)	85'
Boone Antenna's Currently on Kohtz Tower-Boone County Tower	
4. DB224/4LOB-HB	250'
5. DB212/LOB-LB	250'
6. DB212/LOB-LB	220'
7. DB224/4LOB-HB	180'
8. DB222/2LOB	120'
9. DB222/2LOB	100'
10. DB212/LOB-LB	80'
11. Paraclete Antennas	40'-60'

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CURRENT (KOHTZ) TOWER

Tower Diagram

250' – NW Leg - 4 LOB – HB on top SHERIFF  
250' – S Leg – VHF LOB – LB - SHERIFF

225'

220' – NW Leg – LOB – LB – SHERIFF S Leg  
TELEBEEP; SWLEG 4LOB-HB/S LEG Yagi

180' – NE Leg – 4LOB HB

175'

125'-Side Lights

125'

120' – NE LEG – 2 LOB – VHF ANT

100' – NW LEG – 2 LOB VHF ANT

80' – NE LEG – LB LOB - HOSPITAL

NW LEG – 800 MHZ ANT - PARACLETE

75'

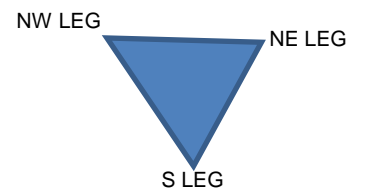
60' - NE LEG UP & DOWN - PARACLETE

NW LEG – LB WHIP ANT - PARACLETE

40' -S LEG – ANT UP & DOWN - PARACLETE

NW LEG POINTING N – YAGI

25'



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Kohtz (Current) Tower  
Antennas 250'



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Kohtz (Current) Tower Antennas  
220'-250'



250' - NW Leg - 4 LOB - HB on top SHERIFF  
250' - S Leg - VHF LOB - LB - SHERIFF



220' - NW Leg - LOB - LB - SHERIFF S Leg



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Kohtz (Current) Tower Antennas  
120'-180'



180'-NE Leg-4LOB HB



120'-NE LEG-2LOB-  
VHF ANT



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Kohtz (Current) Tower Antennas  
80'-100'



100' NW Leg-  
2LOB VHF ANT

80' NE LEG-LB  
LOB

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Kohtz (Current) Tower Antennas  
40'-60' Paraclete Antennas

