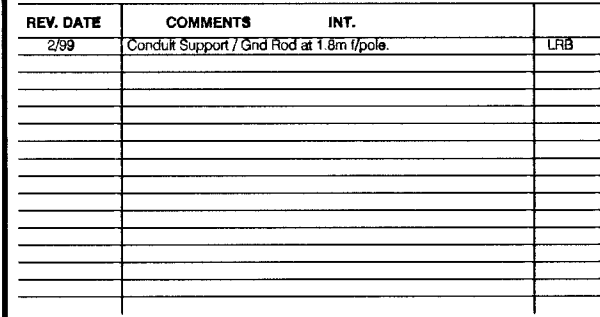


[illegible]

1. MAX. SAG = 5% OF SPAN.
2. STANDARD BACKRAKE = 1.5°
3. HEIGHT OF STRAIN WIRE HOOK-UP TO BE DETERMINED BY FIELD ENGINEER.
TRAFFIC SIGNAL CABLE TO BE SECURED TO STRAIN (SPAN) WIRE WEATHERABLE NYLON CABLE HANGERS (12" CTR.) DETAIL 'B'
4. TETHER CLAMP TO BE DESIGNED TO RELEASE UNDER HIGH WIND LOAD' TO PERMIT SIGNAL 'FREE SWING'.

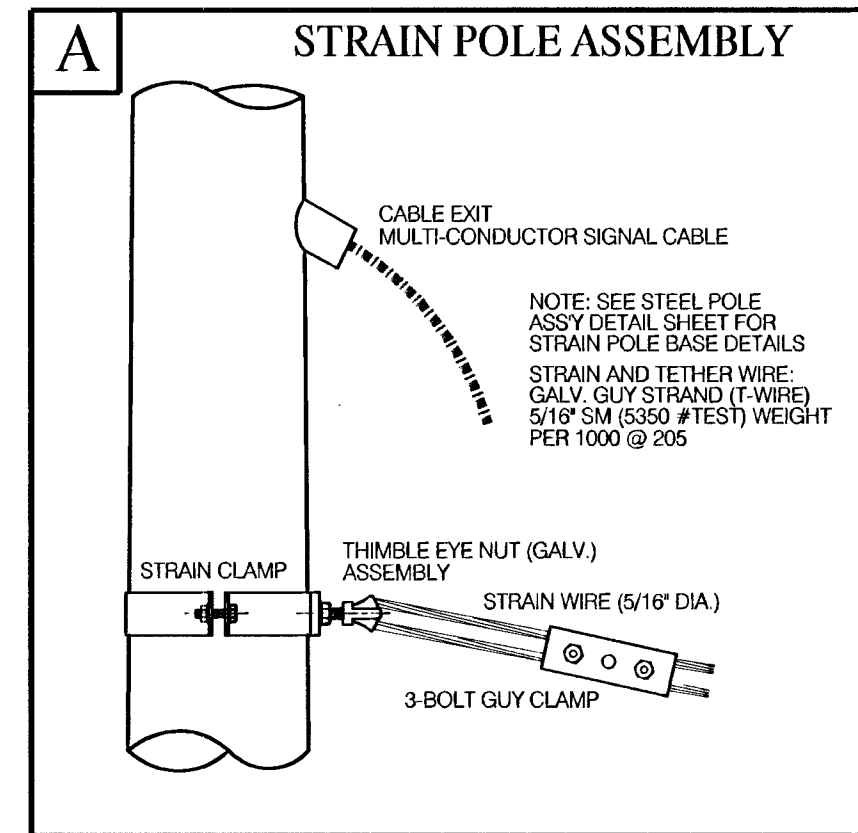


Diagram illustrating the Signal Mast Assembly components and mounting:

- CABLE SADDLE CLAMP
- 5/16" STRAIN WIRE
- BLACK WEATHERABLE NYLON TIE WRAP CABLE TIES (CUT EXCESS STRAP)
- MULTI-CONDUCTOR SIGNAL CABLE
- WIRE ENTRANCE / BALANCE ADJUST
- CIRCUIT QUICK-DISCONNECT HANGER
- TOP BRACKET (FOR SIGNAL ASSY)
- SIGNAL FASTENER ASSY.
- EXTRA LENGTH BOLT
- DRILL: 1/2" HOLE
- 3-BOLT GUY CLAMP (NOTE MTG. TO BOTTOM BRACKET)
- BOTTOM BRACKET
- 5/16" TETHER WIRE

NOTE:

1. GALV. THIMBLE EYE ANCHOR BOLT AND EXPANDING ANCHOR (NOT SHOWN) TO STABILIZE WOOD POLE (WHERE APPLICABLE)
2. ANY COMBINATION OF ROLLOUT/THIMBLE EYE BOLTS AND NUTS MAY BE UTILIZED AS APPLICATION MAY VARY. FIELD ENGINEER TO DETERMINE TYPE OF HARDWARE USED.
3. HARDWARE SHOWN IS TRANSFERRABLE TO STEEL POLE IN WHOLE OF PART WHERE STEEL STRAIN POLE IS USED. (POWER, SIGNAL CABLE, METER, ETC.) FIELD ENGINEER TO MAKE DETERMINATION. STEEL STRAIN POLE APPLICATIONS MAY VARY AS TO MOUNTING ON POLE: USE OF CLAMPS, BANGED BRACKETS, ETC. ARE STD. - FIELD ENGINEER TO DETERMINE BEST TYPE APPLICATIONS.

NOTE:

1. GALV. THIMBLE EYE ANCHOR BOLT AND EXPANDING ANCHOR (NOT SHOWN) TO SHOW WOOD POLE (WHERE APPLICABLE)
2. ANY COMBINATION OF ROUND/THIMBLE EYE BOLTS AND NUTS MAY BE UTILIZED AS APPLICATION MAY VARY. FIELD ENGINEER TO DETERMINE TYPE OF HARDWARE USED.
3. HARDWARE SHOWN IS TRANSFERABLE TO STEEL POLE IN WHOLE OF PART WHERE STEEL STRAIN POLE IS USED. (POWER, SIGNAL CABLE, METER, ETC.) FIELD ENGINEER TO MAKE DETERMINATION. STEEL STRAIN POLE APPLICATIONS MAY VARY AS TO MOUNTING ON POLE: USE OF CLAMPS, BANDED BRACKETS, ETC. ARE STD. - FIELD ENGINEER TO DETERMINE BEST TYPE APPLICATIONS.

CITY OF WICHITA
DEPARTMENT OF PUBLIC WORKS
 DIVISION OF TRAFFIC ENGINEERING
PAUL GUNZELMAN, P.E. **TRAFFIC ENGINEER**

SHEET
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—OF
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POWER POLE & SPAN POLE STANDARD DETAILS

BAUGHMAN COMPANY, P.A.
ENGINEERING, SURVEYING, & PLANNING
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