TYPICAL WOOD POLE AND SPAN WIRE MOUNTED TRAFFIC SIGNALS

FOR MULTIPLE TRAFFIC STAGES, COLLECT SUPPORT- SIGNAL CABLES TO ALLOW MOVEMENT OF SPAN WIRE MOUNTED SIGNAL HEADS AND TRAFFIC DETECTION UNITS. SEE TEMPORARY INTERSECTION LAYOUTS FOR LOCATIONS AND MOVEMENTS OF SIGNAL HEADS AND TRAFFIC DETECTION UNITS.

7/16" SPAN WIRE (SUPPORT)

1/4" SPAN WIRE (STABILIZER)

3/4" CONDUIT (LENGTH AS REQUIRED)

1/2" MAX, 1/2" MIN.

NOTE: ALL SPAN WIRES AND DOWN GUYS SHALL BE SIEMENS MARTIN GRADE GALVANIZED STRAND WIRE.

THE ONE-WAY SPAN WIRE MOUNTING ASSEMBLY SHALL CONSIST OF A CABLE SUSPENSION CLAMP, A BALANCE ADJUSTER, AND A WIRE ENTRANCE FITTING.

NOTE: TETHER CLAMP SHALL BE MANUFACTURED APPROVED.

ALUMINUM ANGLE IRON

SIGNAL HEAD (AS SHOWN IN PLAN)

SIGNAL CABLES (AS SHOWN IN PLAN)

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SIGNAL CABLES (AS SHOWN IN PLAN)

S-HOOK 3/8" MIN. (BREAKAWAY)

TURNBUCKLE (5/16" MIN. EYE BOLTS)

CLAMP

ALUMINUM ANGLE IRON

(1 1/2" X 1 1/2" X 1/4" X 1/4"

ATTACHED TO SIGNAL HEAD WITH SIGNAL TETHER CLAMP

NOTE: TETHER CLAMP SHALL BE MANUFACTURED APPROVED.

OVERHEAD SIGNAL BRACE DETAIL

TYPICAL WOOD POLE/SPAN WIRE SIGNAL SYSTEM DETAIL WITH LOWER BREAKAWAY STABILIZER WIRE

E.V.P. OR TRAFFIC DETECTOR WOOD POLE MOUNT

NOT TO SCALE

WOOD POLE

NMC RISER AND WEATHERHEAD

1/4" SPAN WIRE

WITH SIGNAL TETHER CLAMP ATTACHED TO SIGNAL HEAD

(1 1/2" X 1 1/2" X 1/4" X 1/4"

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E.V.P. SENSOR IF APPLICABLE

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