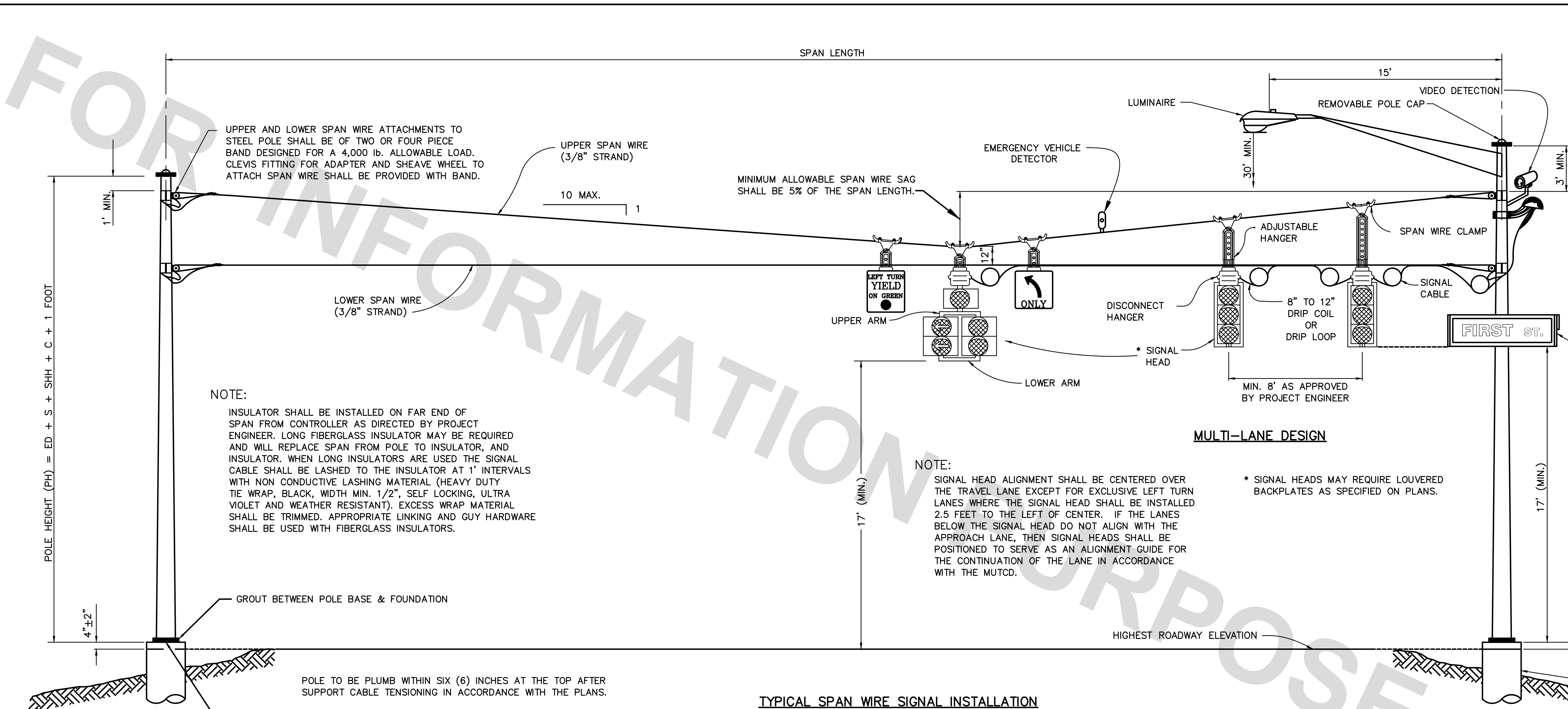
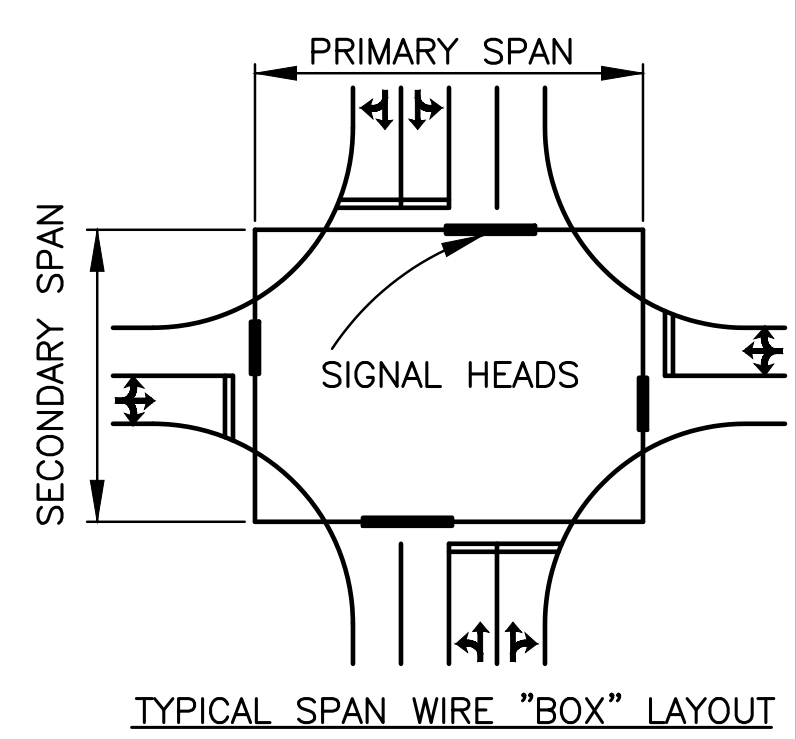


PROJECT NO.	SHEET

NOTE:
CABLE SHALL ENTER POLE BY WIRE WAY PROVIDED ON POLE. WEATHER HEAD SHALL BE SIZED ACCORDING TO NUMBER OF CABLES IN 3" BOSS PROVIDED WITH NECESSARY REDUCERS.

SEPARATE POLE BAND MAY BE REQUIRED TO ATTACH PERPENDICULAR SPAN TO POLE MEETING THE REQUIREMENTS FOR SIGNAL HEIGHT AND SAG.



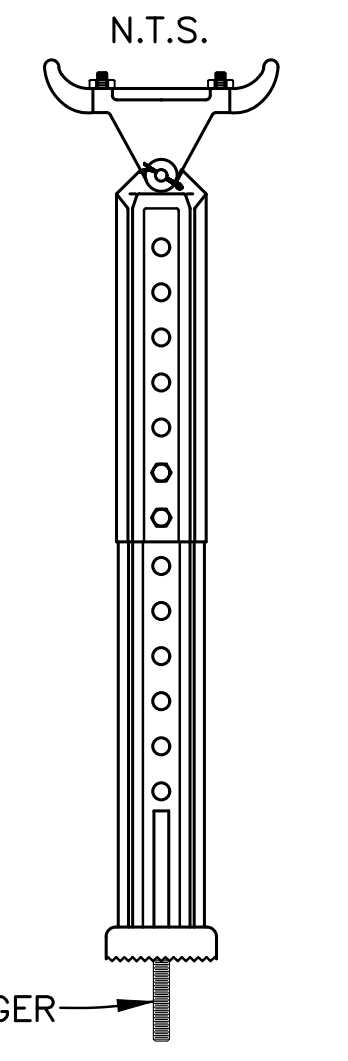
NOTE:
INSULATOR SHALL BE INSTALLED ON FAR END OF SPAN FROM CONTROLLER AS DIRECTED BY PROJECT ENGINEER. LONG FIBERGLASS INSULATOR MAY BE REQUIRED AND WILL REPLACE SPAN FROM POLE TO INSULATOR, AND INSULATOR. WHEN LONG INSULATORS ARE USED THE SIGNAL CABLE SHALL BE LASHED TO THE INSULATOR AT 1' INTERVALS WITH NON CONDUCTIVE LASHING MATERIAL (HEAVY DUTY TIE WRAP, BLACK, WIDTH MIN. 1/2", SELF LOCKING, ULTRA VIOLET AND WEATHER RESISTANT). EXCESS WRAP MATERIAL SHALL BE TRIMMED. APPROPRIATE LINKING AND GUY HARDWARE SHALL BE USED WITH FIBERGLASS INSULATORS.

NOTE:
SIGNAL HEAD ALIGNMENT SHALL BE CENTERED OVER THE TRAVEL LANE EXCEPT FOR EXCLUSIVE LEFT TURN LANES WHERE THE SIGNAL HEAD SHALL BE INSTALLED 2.5 FEET TO THE LEFT OF CENTER. IF THE LANES BELOW THE SIGNAL HEAD DO NOT ALIGN WITH THE APPROACH LANE, THEN SIGNAL HEADS SHALL BE POSITIONED TO SERVE AS AN ALIGNMENT GUIDE FOR THE CONTINUATION OF THE LANE IN ACCORDANCE WITH THE MUTCD.

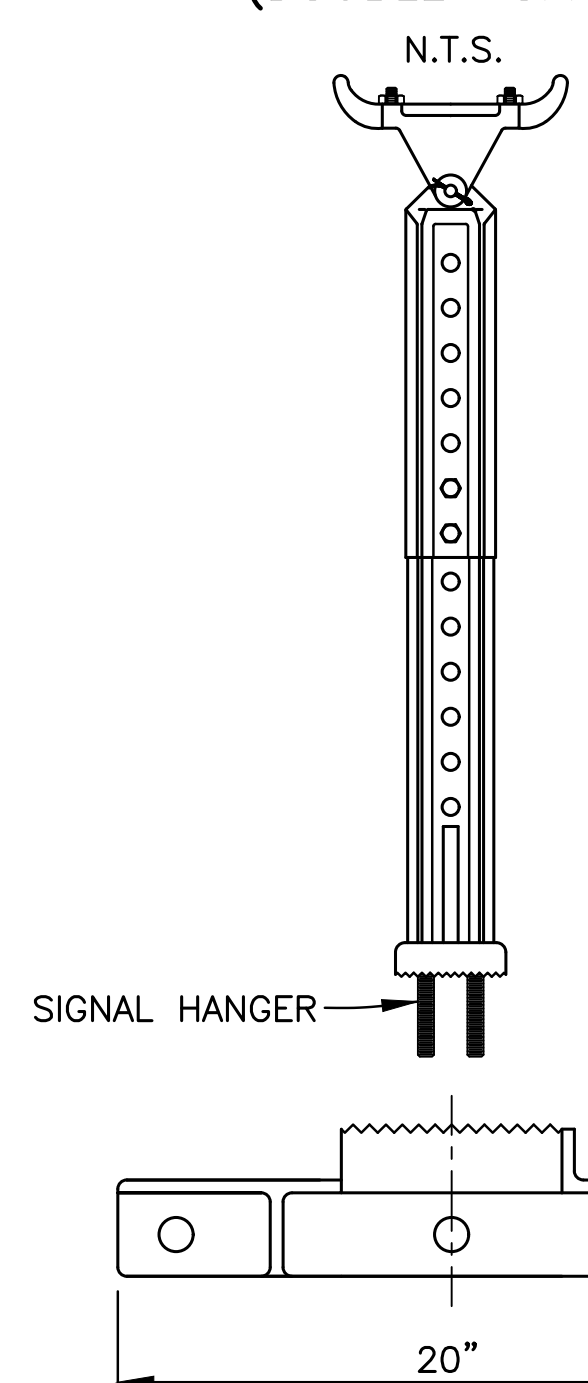
* SIGNAL HEADS MAY REQUIRE LOUVERED BACKPLATES AS SPECIFIED ON PLANS.

TYPICAL SPAN WIRE SIGNAL INSTALLATION (STEEL POLE INSTALLATION)

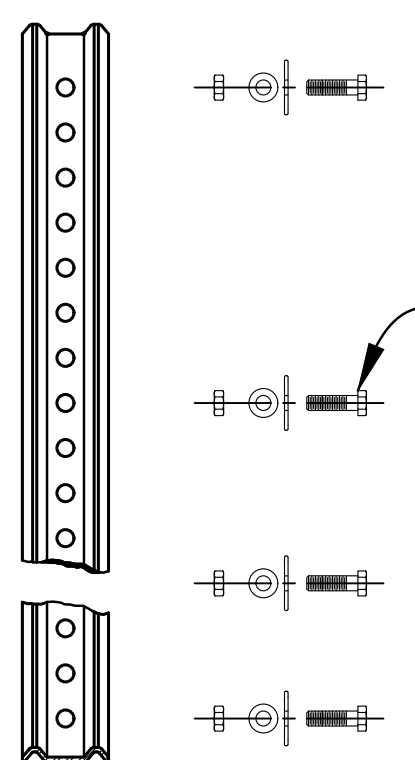
OVERHEAD ADJUSTABLE SIGN HANGER (DOUBLE SPAN)



OVERHEAD ADJUSTABLE SIGNAL HANGER (DOUBLE SPAN)



Extension Bar



NOTE:
MUTCD, SIGNS, SIGNALS, PAVEMENT MARKINGS AND TEMPORARY TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD)(LATEST ADOPTED EDITION) AND ALL SUBSEQUENT REVISIONS THERETO.
HORIZONTAL ALIGNMENT. EACH SIGNAL HEAD SHALL BE AIMED WITHIN A MAXIMUM OF 3 DEGREES OF BEING PARALLEL TO THE APPROACH LANE TO WHICH IT APPLIES, UNLESS OTHERWISE DIRECTED BY THE PROJECT ENGINEER.

NOTE:
SPAN WIRE SHALL BE A SIEMENS-MARTIN GRADE 3/8" STRAND WITH 6,950 LB. MINIMUM BREAKING STRENGTH, OR APPROVED EQUAL.

ATTACH SIGNAL CABLE TO POLE WHEN POLE CLAMPS ARE MORE THAN 18" APART. USE NONCONDUCTING MATERIAL (HEAVY DUTY TIE WRAP, 1/2" WIDE, SELF-LOCKING, ULTRA VIOLET AND WEATHER RESISTANT). EXCESS WRAP MATERIAL SHALL BE TRIMMED.

ATTACH SIGNAL CABLE TO SPAN ON BOTH SIDES OF LOOP.

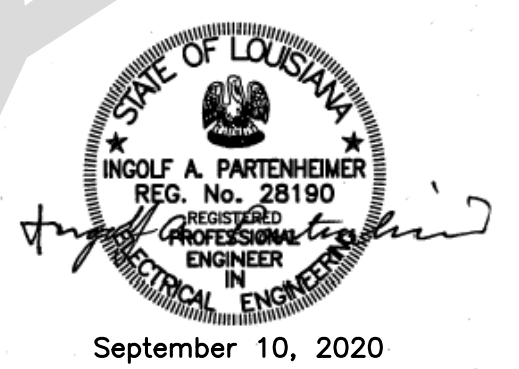
TERMINAL HOUSING ACCESSIBLE FROM BOTTOM.

DRIP LOOP SHALL BE A MAXIMUM OF 2 TURNS

TIE BOTTOM OF LOOP.

FOUR-WAY TOP BRACKET SHOWN. SIMILAR BRACKET SHALL BE USED FOR OTHER CONFIGURATIONS.

SPAN WIRE FLASHING BEACON MOUNT ONE 4-WAY HEAD ALL HEADS SHALL BE VERTICALLY ALIGNED



LEGEND:

- ED - ELEVATION DIFFERENCE BETWEEN ROADWAY & GRADE AT POLE
- S - SAG AS ILLUSTRATED
- SHH - SIGNAL HEAD HEIGHT + SPAN WIRE ATTACHMENT AND DISCONNECT HANGER
- C - REQUIRED CLEARANCE 17' OR AS SPECIFIED
- PH - POLE HEIGHT

STANDARD PLAN NO. 906-02	DATED September 10, 2019	SHEET NO. 4 OF 6
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SIGNAL SUPPORT DETAILS (SPAN WIRE TYPICAL) LAYOUT

ENGINEERING DIVISION DEPARTMENT OF TRANSPORTATION AND DRAINAGE CITY OF BATON ROUGE & PARISH OF EAST BATON ROUGE			
DESIGNED T.E.D.	DRAWN G. VANNICE	CHECKED S. EDEL	APPROVED I. PARTENHEIMER

DATE	DESCRIPTION REVISIONS	BY