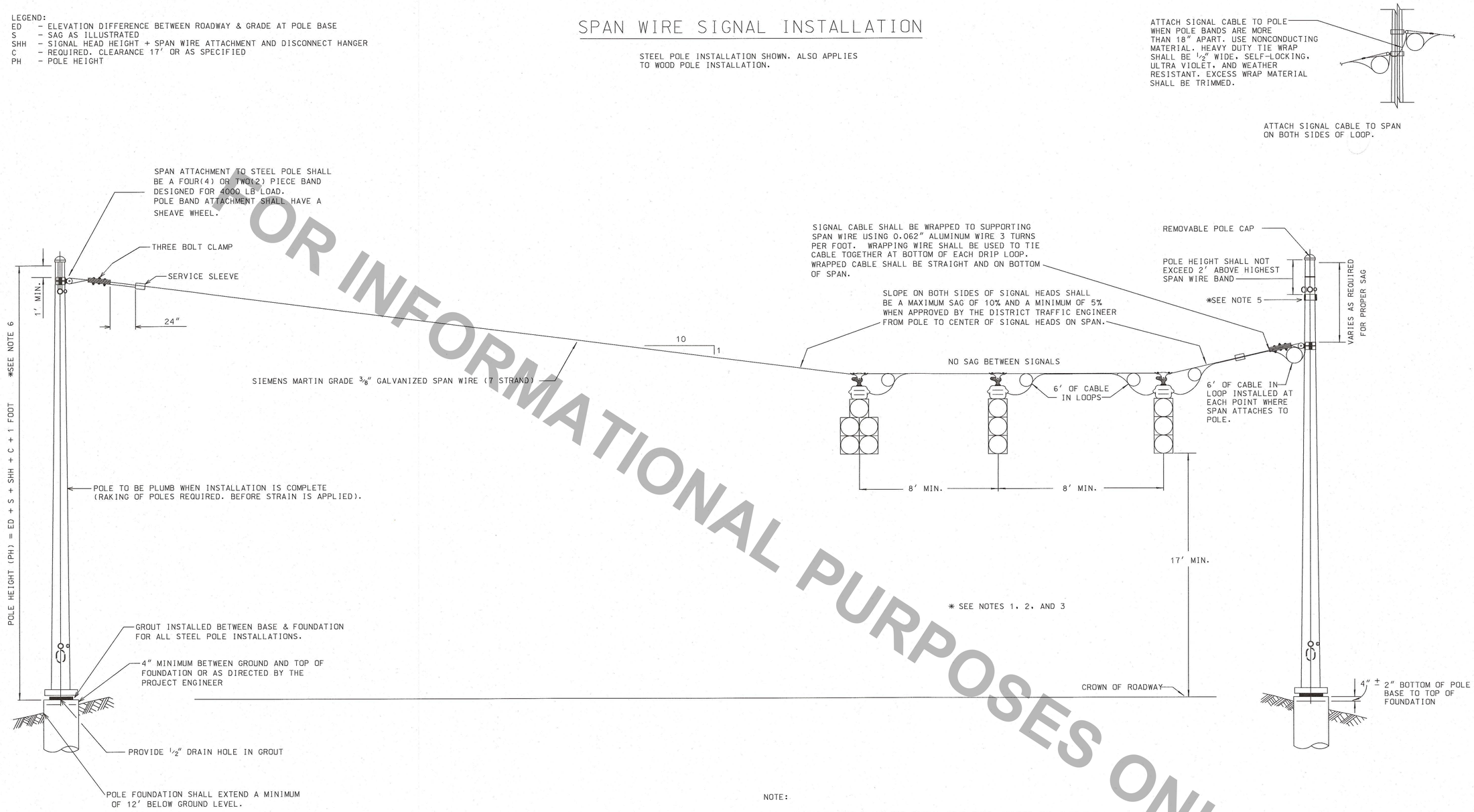
LEGEND:
ED - ELEVATION DIFFERENCE BETWEEN ROADWAY & GRADE AT POLE BASE
S - SAG AS ILLUSTRATED
SHH - SIGNAL HEAD HEIGHT + SPAN WIRE ATTACHMENT AND DISCONNECT HANGER
C - REQUIRED. CLEARANCE 17′ OR AS SPECIFIED
PH - POLE HEIGHT

SPAN WIRE SIGNAL INSTALLATION

STEEL POLE INSTALLATION SHOWN. ALSO APPLIES TO WOOD POLE INSTALLATION.



NOTE:

1. REFER TO THE PLANS FOR SIGNAL HEAD TYPE, NUMBER AND PLACEMENT.
2. ALL SIGNAL HEADS SHALL BE 17′ MINIMUM HEIGHT. FOR MAXIMUM HEIGHT, REFER TO THE MUTCD CURRENT ADOPTED EDITION.
3. SIGNAL HEADS FOR PRIMARY MOVEMENT ON SPECIFIC APPROACH SHALL BE CENTERED OVER APPROACH. TURN LANE HEADS SHALL BE PLACED WITH ADEQUATE SPACING FROM LEFT MOST PRIMARY HEAD.
4. SIGNAL CABLE SHALL ENTER POLE BY WIRE WAY PROVIDED ON POLE. WEATHER HEAD SHALL BE SIZED ACCORDING TO THE NUMBER OF CABLES IN 3″ BOSS PROVIDED WITH NECESSARY REDUCERS.
5. A SEPARATE POLE BAND MAY BE REQUIRED TO ATTACH PERPENDICULAR SPAN TO POLE MEETING THE REQUIREMENTS FOR SIGNAL HEIGHT AND SAG.
6. IN ALL CASES, THE MAXIMUM STRAIN POLE HEIGHT SHALL BE USED TO MEET THE 17′ SIGNAL HEIGHT BEFORE ANY FOUNDATION ADJUSTMENTS ARE MADE. ADJUSTMENTS TO THE FOUNDATION MUST BE APPROVED BY THE PROJECT ENGINEER.

STATE OF LOUISIANA
LEI Q. WANG
License No. 33365
PROFESSIONAL ENGINEER
2-19-2015

FOR INFORMATIONAL PURPOSES ONLY

SHEET NUMBER	
PARISH	
FEDERAL PROJECT	
STATE PROJECT	
DESIGNED S. MCCARROLL	
CHECKED D. LORIO	
DETAILED S. MCCARROLL	
CHECKED L. WANG	
DATE 2/16/2015	
SHEET 2 OF 14	

NO.	DATE	REVISION DESCRIPTION	BY

TRAFFIC SIGNAL STANDARD DETAILS
SPAN WIRE INSTALLATION DETAILS
TSD-01

DOTD DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
TRAFFIC ENGINEERING

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