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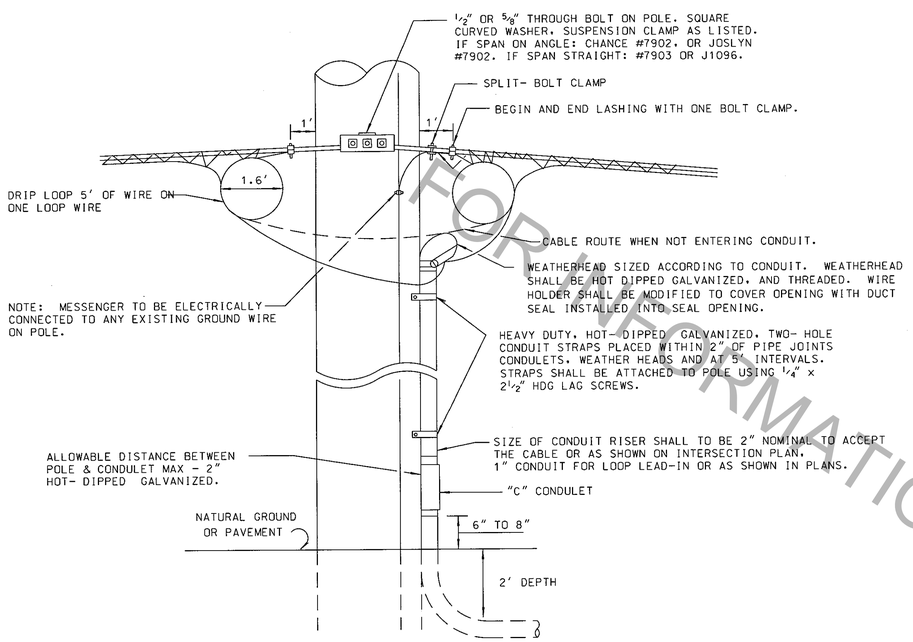
TYPICAL CONDUIT RISER ASSEMBLY & INTERCONNECT DETAIL

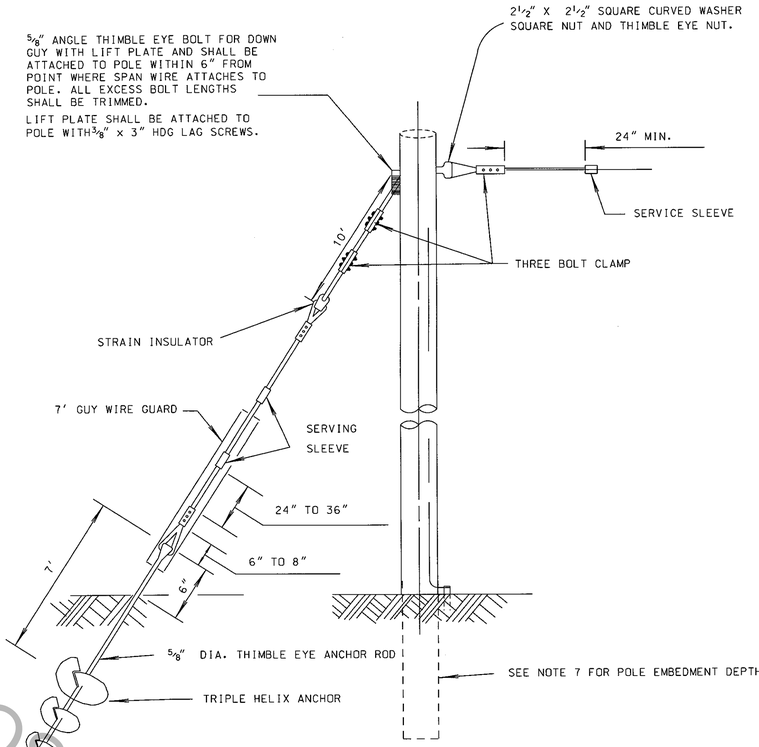


NOTES:

1. PROVIDE DRIP LOOPS ON BOTH SIDES OF SPLICE AND ON BOTH SIDES OF INTERSECTING STREETS.
2. 1/4" SIEMENS MARTIN GRADE GALVANIZED SPAN WIRE, ASTM 475.
3. STAINLESS STEEL LASHING WIRE 0.045" DIAMETER FOR INTERCONNECT TO HOLD CABLE TIGHT AGAINST THE SPAN.
4. MAXIMUM SAG FOR INTERCONNECT MESSENGER CABLE SHALL BE 2% WITH MINIMUM CLEARANCE ABOVE ROADWAY OF 18'.
5. SHOULD UNUSUAL CIRCUMSTANCES BE ENCOUNTERED, SPLICING SHALL BE APPROVED BY THE PROJECT ENGINEER.
6. WHEN INTERCONNECT IS DEAD ENDED AT POLE, HARDWARE AS SHOWN FOR WOOD POLE DETAIL SHALL BE USED.
7. INSTALLATION SHALL BE CLASSIFIED AS 120 VAC SECONDARY LOCATED BELOW POWER COMPANY EQUIPMENT ABOVE OTHER UTILITIES IN ACCORDANCE WITH NATIONAL ELECTRIC SAFETY CODE.

WOOD POLE DETAIL

FOR EXISTING AND NEW



NOTES:

1. TIEBACK ANCHORS MAY BE REQUIRED AS DIRECTED BY THE PROJECT ENGINEER.
2. TOP OF POLE SHALL BE CAPPED WITH MALLEABLE ALUMINUM 0.032" MATERIAL.
3. TOP OF POLE TRIMMED LEAVING A MAXIMUM OF 18" OF POLE ABOVE ATTACHMENT POINT OF SPAN.
4. THE ANCHOR ROD SHALL BE A MINIMUM OF 5/8" DIA. 7' LONG. ACCEPTABLE ANCHOR IS: TRIPLE-HELIX ANDHOR, 12"-10"-8", 7,000# CAPACITY, 1 1/2" ROD. ANY EXTENSION NEEDS TO MEET THE REQUIREMENTS IN THE LADOTD SPECIFICATIOND
5. ALL POLES INSTALLED SHALL HAVE A #6 AWG BARE COPPER WIRE INSTALLED THE LENGTH OF POLE WITH BUTT GROUND (APPROVED BY INSPECTOR PRIOR TO INSTALLATION OF POLE) OR CONNECT TO 5/8" X 8' GROUND ROD USING LUG.
6. CLASS 3 POLE SHALL BE USED AND CREOSOTED IN ACCORDANCE WITH LADOTD STANDARD SPECIFICATIONS.
7. GENERALLY, ANCHORS ARE 20' TO 30' BEHIND THE POLE IN LINE WITH THE SPAN. RESTRICTION TO THIS WILL BE PROPERTY LINES OR OBSTRUCTIONS. ALL ATTACHMENT FITTINGS SHALL BE HOT- DIPPED GALVANIZED UNLESS STATED OTHERWISE. POLES EMBEDDED IN GROUND AS FOLLOWS: 35' POLE - 6', 40' POLE - 7', 45' POLE - 8'.

STATE OF LOUISIANA
LEI Q. WANG
License No. 33365
PROFESSIONAL ENGINEER
4/12/2017

FOR INFORMATIONAL PURPOSES ONLY

SHEET NUMBER	
PARISH	
FEDERAL PROJECT	
STATE PROJECT	
DESIGNED	S. MCCARROLL
CHECKED	D. LORIO
DETAILED	S. MCCARROLL
CHECKED	L. WANG
DATE	04/12/2017
SHEET	8 OF 14

NO.	REVISION DESCRIPTION	DATE	BY

STATE OF LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

TRAFFIC SIGNAL STANDARD DETAILS

WOOD POLE AND CONDUIT RISER DETAIL

TSD-07

TRAFFIC ENGINEERING