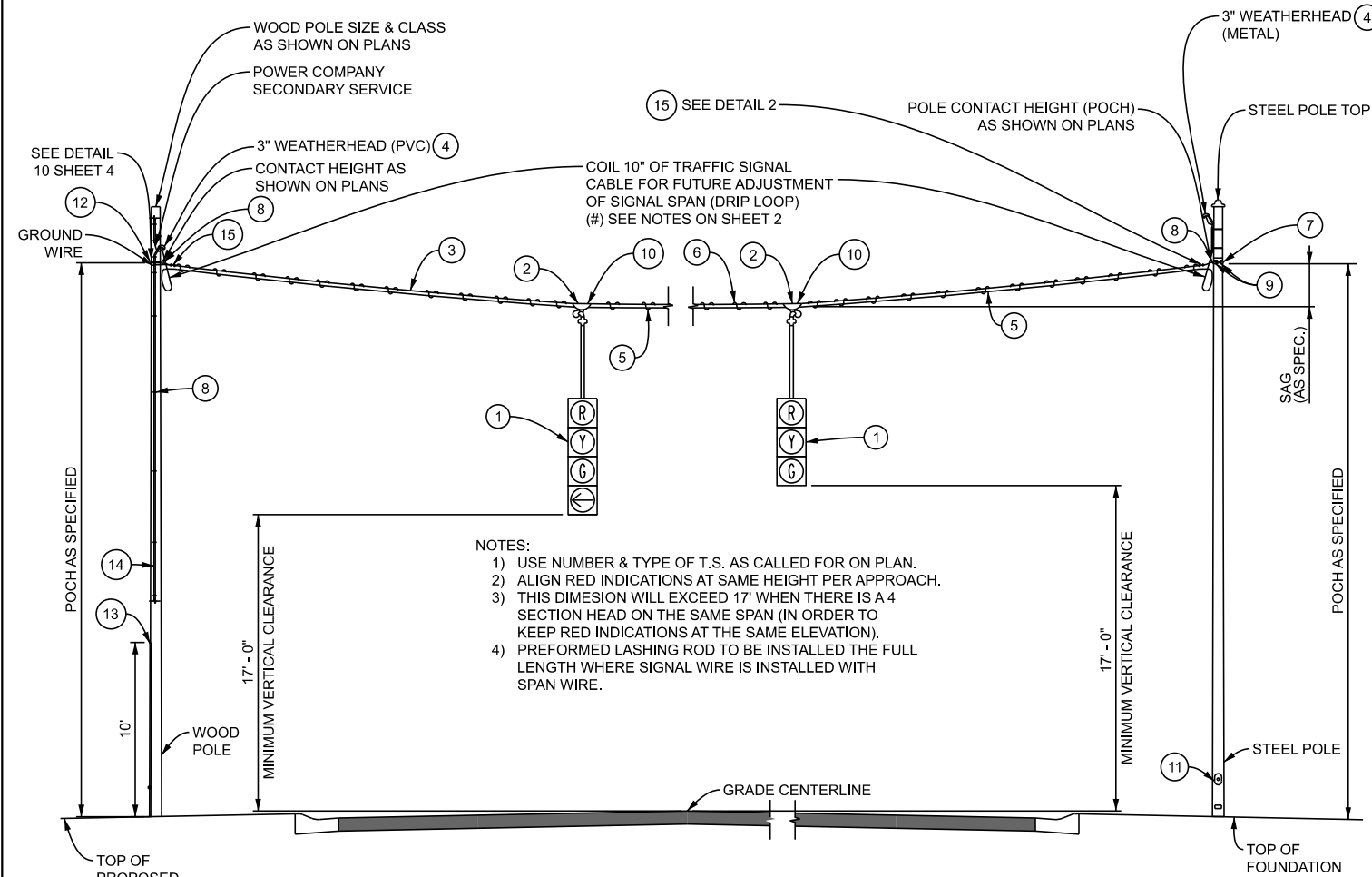
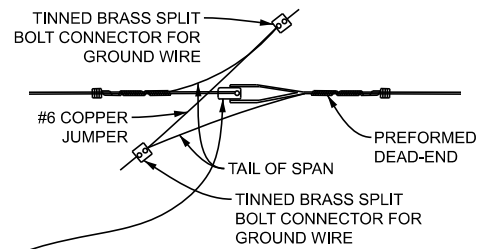




1 DETAIL - SPAN WIRE INSTALLATION T.S.
NTS

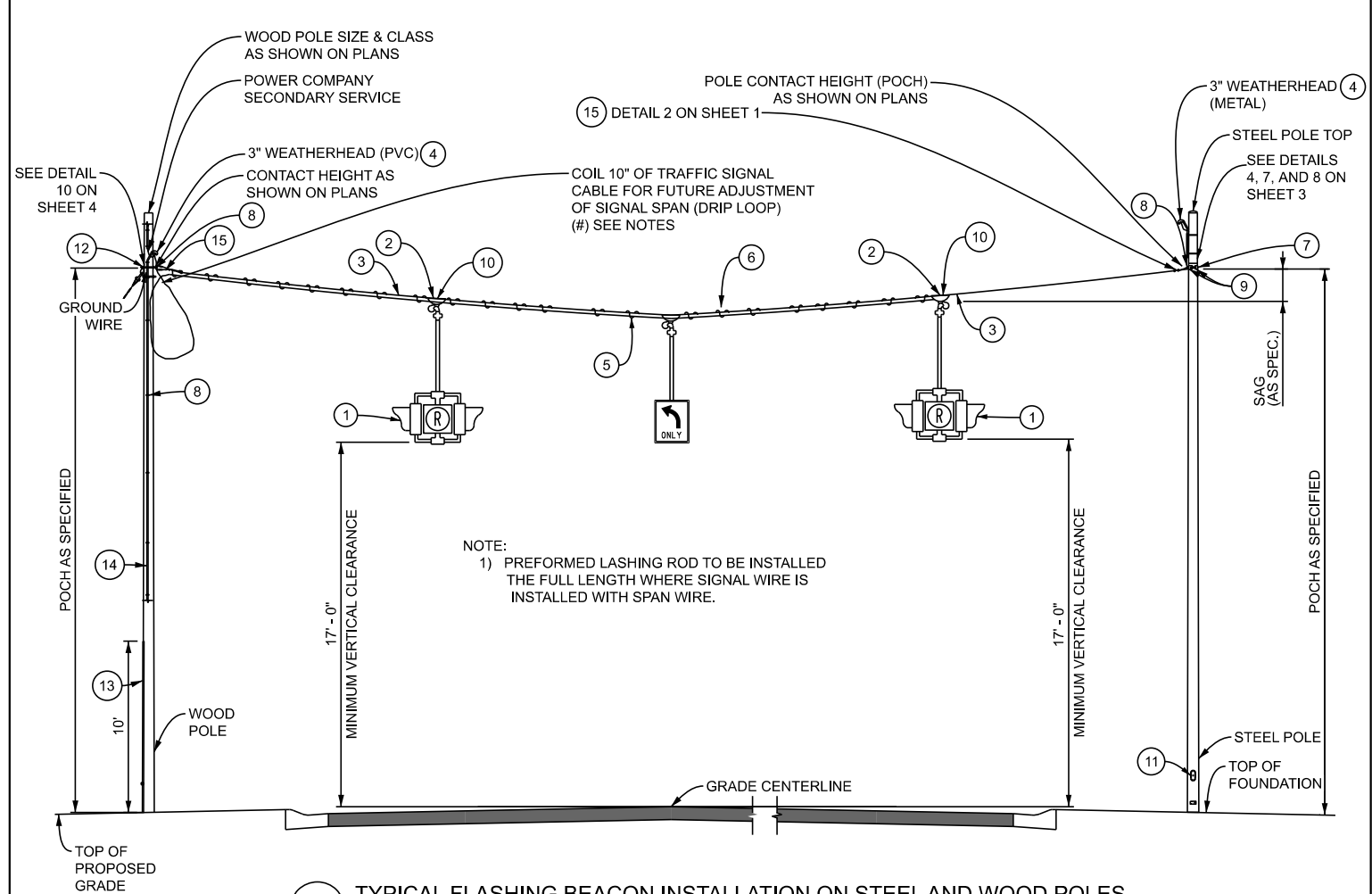
NO.	ITEM
1	TRAFFIC SIGNAL (NO. HEADS AS INDICATED)
2	SPAN WIRE HANGER
3	SPAN WIRE
4	3" WEATHERHEAD (METAL FOR STEEL AND PVC FOR WOOD POLES)
5	P.J. TRAFFIC SIGNAL CABLE (AS SPECIFIED)
6	PREFORMED LASHING RODS
7	POLE BAND CLAMP (STEEL POLE)
8	GUY THIMBLE (2" DIA.)
9	(2) BOLTS, NUTS, WASHERS PER POLE BAND CLAMP (STEEL POLE)
10	INSTALL SPAN WIRE PREFORMED (ARMOR ROD) UNDER EACH SPAN HANGER
11	ACCESS HAND HOLE ALL NEW & EXISTING STEEL POLES
12	5/8" EYEBOLT, OVAL EYE AND NUT
13	WOOD MOULDING (*) OR SCHEDULE 80 PVC (10' FROM GROUND LEVEL)
14	3" SCHEDULE 80 PVC OR RIGID METAL (**)
15	PREFORMED GUY GRIP DEAD ENDS

(*) AND (**) SEE NOTES ON SHEET 2



2 DETAIL - COPPER JUMPER
NTS

NOTE:
PORCELAIN STRAIN INSULATOR (IF REQUIRED
SHALL MEET THE CODES AND PLACEMENT
REQUIREMENTS OF THE LOCAL UTILITY CO.)



3 TYPICAL FLASHING BEACON INSTALLATION ON STEEL AND WOOD POLES
NTS

NO.	ITEM
1	TRAFFIC SIGNAL (NO. HEADS AS INDICATED)
2	SPAN WIRE HANGER
3	SPAN WIRE
4	3" WEATHERHEAD (METAL FOR STEEL AND PVC FOR WOOD POLES)
5	P.J. TRAFFIC SIGNAL CABLE (AS SPECIFIED)
6	PREFORMED LASHING RODS
7	POLE BAND CLAMP (STEEL POLE)
8	GUY THIMBLE (2" DIA.)
9	(2) BOLTS, NUTS, WASHERS PER POLE BAND CLAMP (STEEL POLE)
10	INSTALL SPAN WIRE PREFORMED (ARMOR ROD) UNDER EACH SPAN HANGER
11	ACCESS HAND HOLE ALL NEW & EXISTING STEEL POLES
12	5/8" EYEBOLT, OVAL EYE AND NUT
13	WOOD MOULDING (*) OR SCHEDULE 80 PVC (10' FROM GROUND LEVEL)
14	3" SCHEDULE 80 PVC OR RIGID METAL (**)
15	PREFORMED GUY GRIP DEAD ENDS

NOTES:
(*) FURNISH WOOD MOULDING WITH A LINEAR WEIGHT OF 0.28
POUNDS PER FOOT AND A 3/4-INCH GROOVE.

(**) FOR PROJECTS MAINTAINED BY THE WAYNE CO. DEPARTMENT
OF PUBLIC SERVICES (WCDPS), USE RIGID METAL FOR CONDUIT(S)
FROM GRADE LEVEL TO 10' (MIN.) ABOVE GRADE OR AS DIRECTED
BY THE ENGINEER.

(#) FOR PROJECTS MAINTAINED BY THE ROAD COMMISSION FOR
OAKLAND COUNTY (RCOC), USE DRIP LOOP (WITHOUT COIL)
FOR FUTURE ADJUSTMENT OF SIGNAL SPAN.



DEPARTMENT DIRECTOR
BRADLEY C. WIEFERICH, PE

STANDARD PLAN FOR
SPAN WIRE CASING DETAILS

(SPECIAL DETAIL)
FHWA APPROVAL

02/19/26
PLAN DATE

SIG-010-A

SHEET
1 OF 7



DEPARTMENT DIRECTOR
BRADLEY C. WIEFERICH, PE

STANDARD PLAN FOR
SPAN WIRE CASING DETAILS

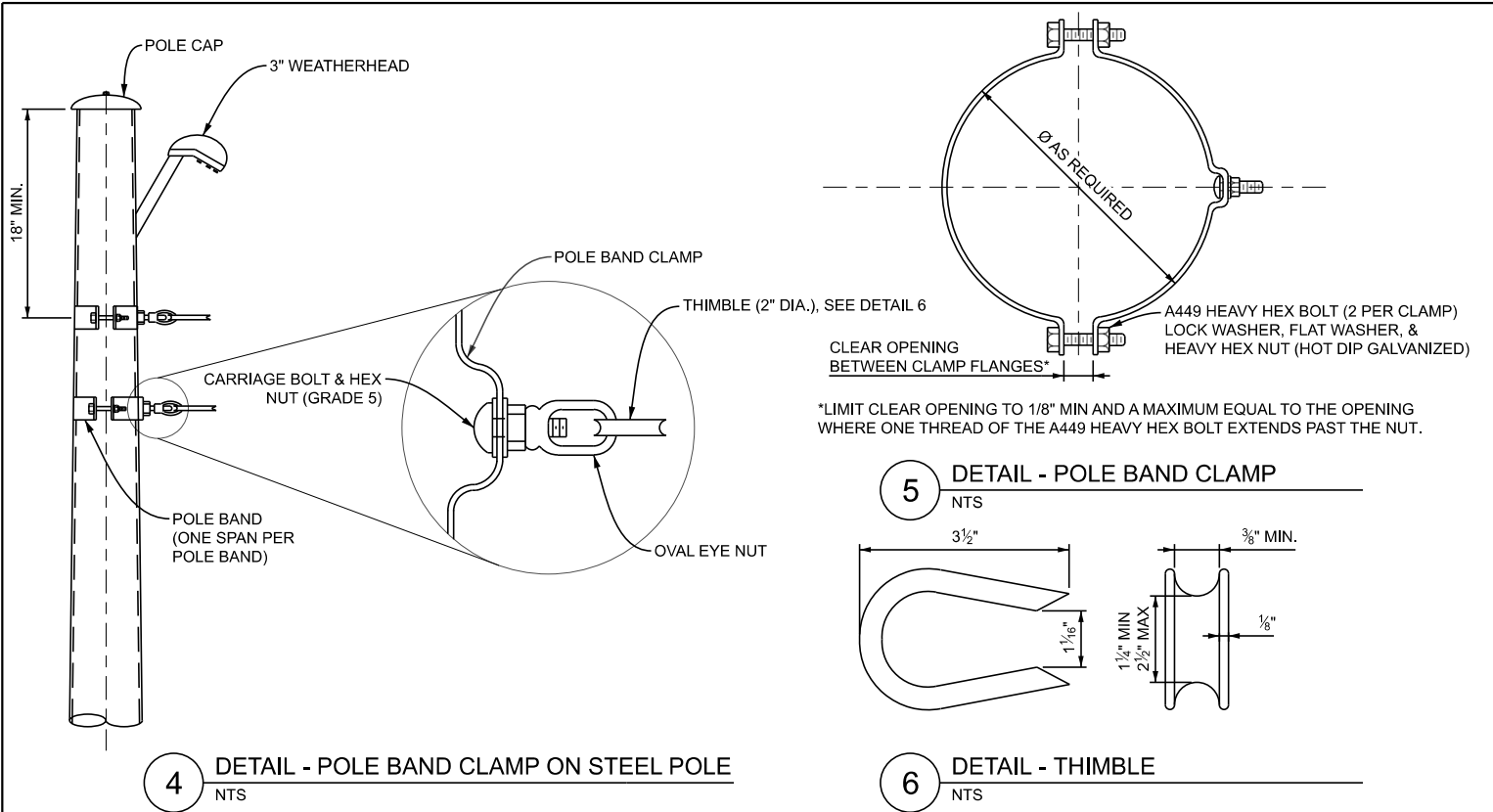
(SPECIAL DETAIL)
FHWA APPROVAL

02/19/26
PLAN DATE

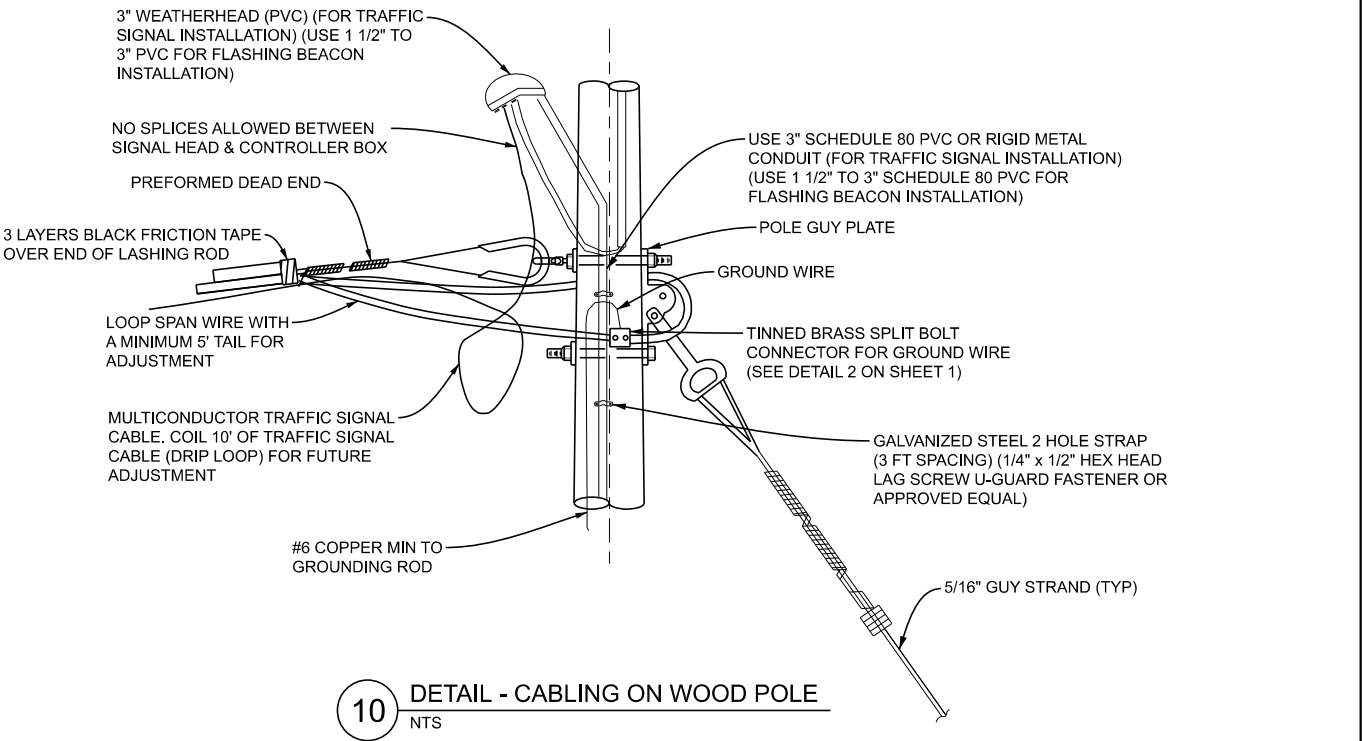
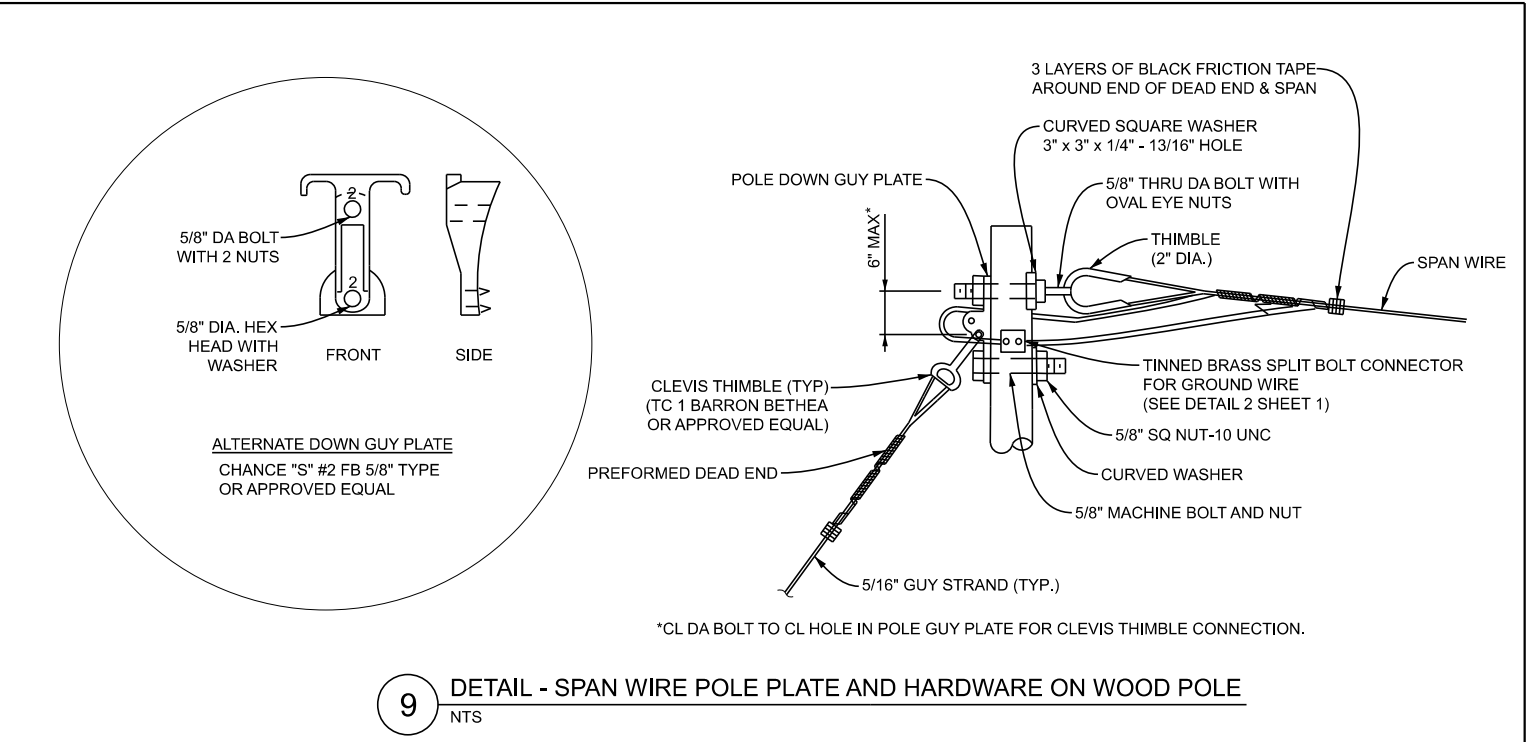
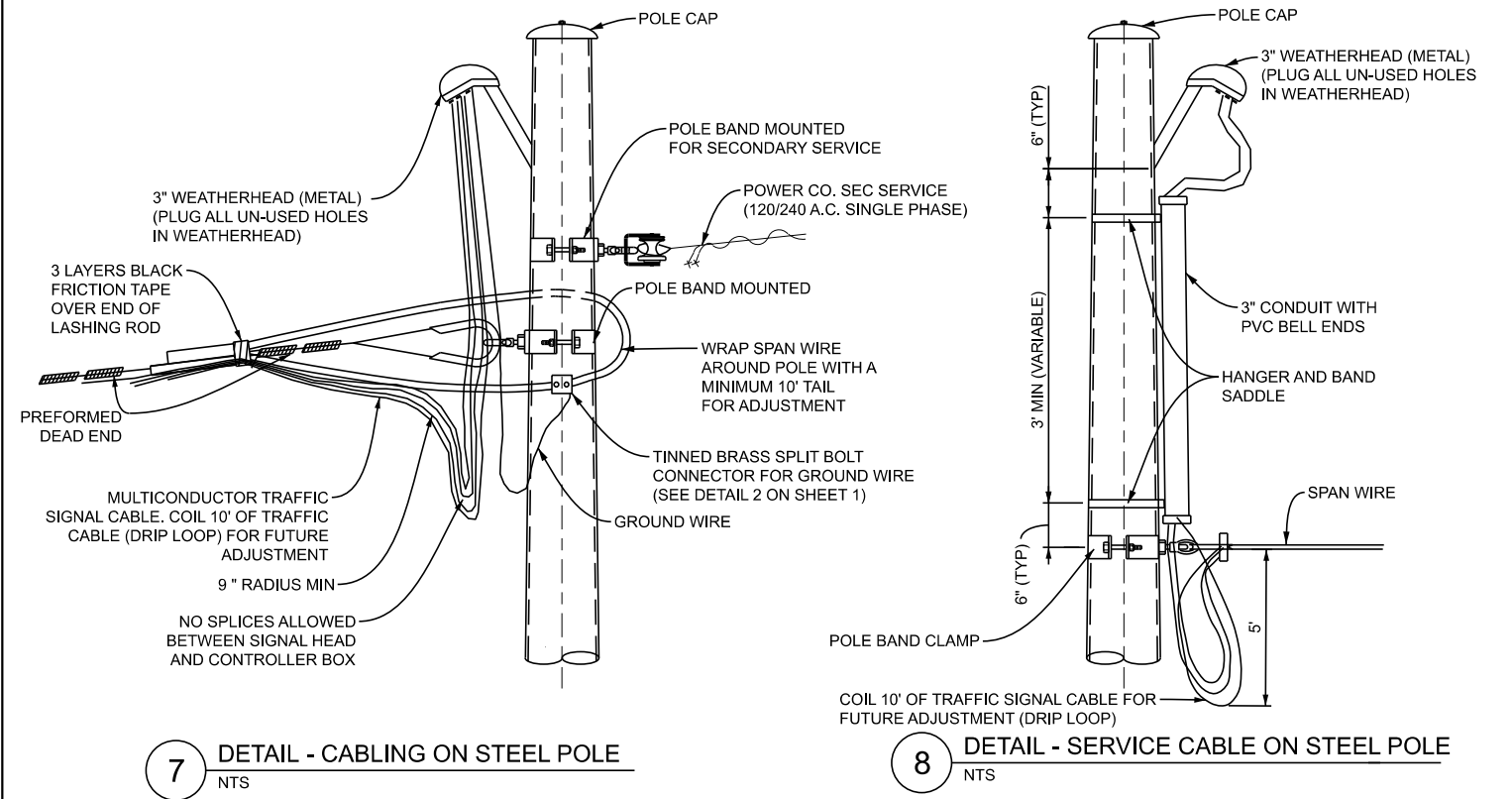
SIG-010-A

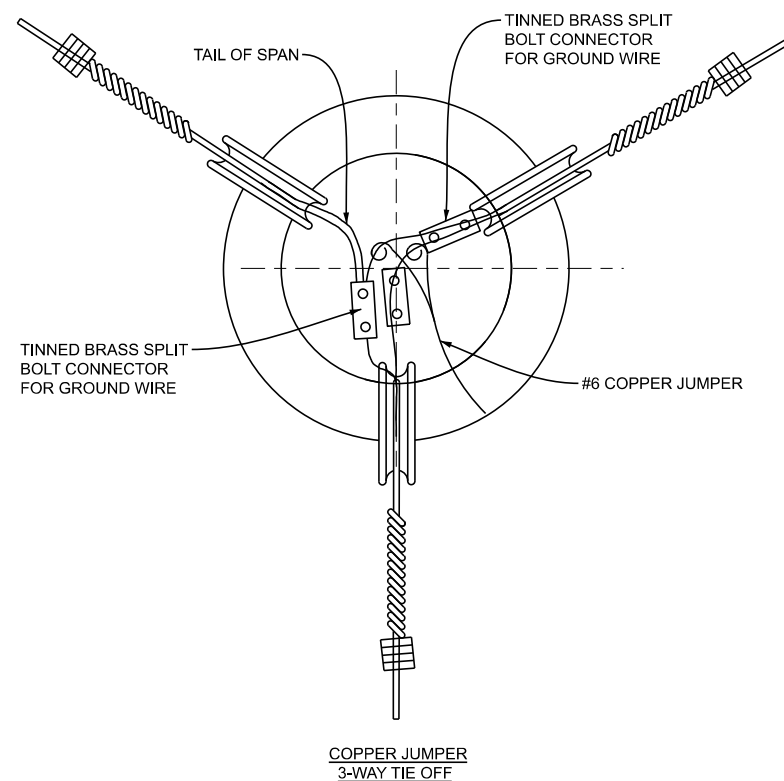
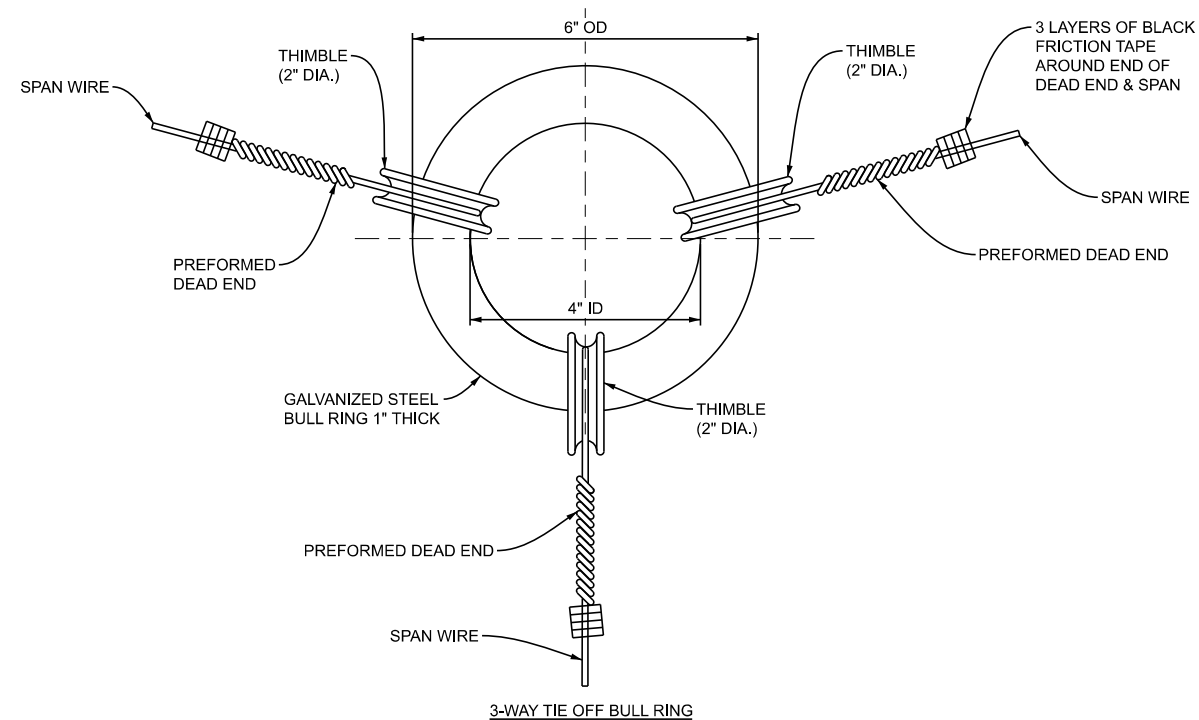
SHEET
2 OF 7

SECT



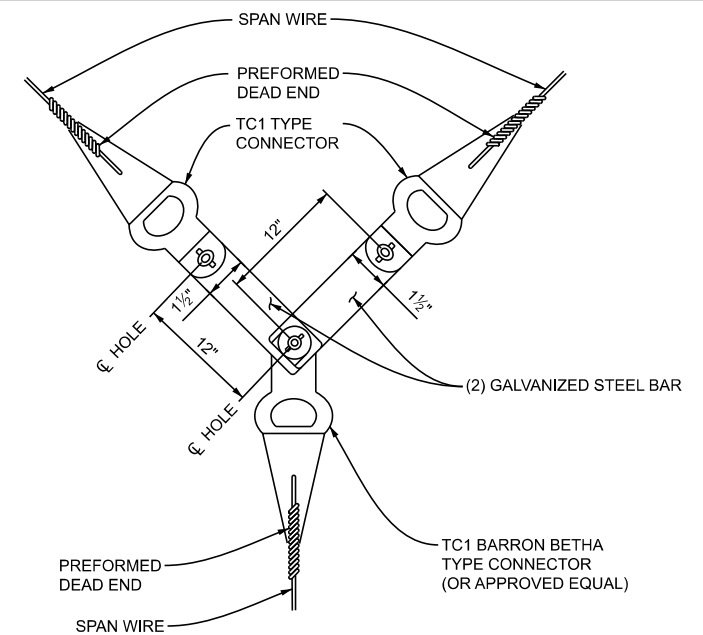
- NOTES:
1. STEEL POLE BAND CLAMPS MUST BE STAMPED WITH IDENTIFICATION THAT IS TRACEABLE BACK TO THE MANUFACTURER, WHICH CAN BE USED TO DETERMINE THE MONTH AND YEAR OF THE CLAMP MANUFACTURE. THE STAMPING METHOD MUST BE A LOW STRESS STAMPING METHOD. THE STAMP CANNOT BE LOCATED NEAR THE BOLTED FLANGE, MUST BE LOCATED NEAR THE CENTER OF THE CLAMP ON THE BACK SIDE FACING AWAY FROM TRAFFIC, AND BE VISIBLE AFTER GALVANIZING. ALL BEND RADII ARE TO BE A MINIMUM OF 1.5 TIMES THE POLE BAND THICKNESS.
 2. TIGHTEN A449 HEAVY HEX BOLT UNTIL LOCK WASHER IS ENGAGED. LOCK WASHER NEED NOT BE FULLY COMPRESSED.



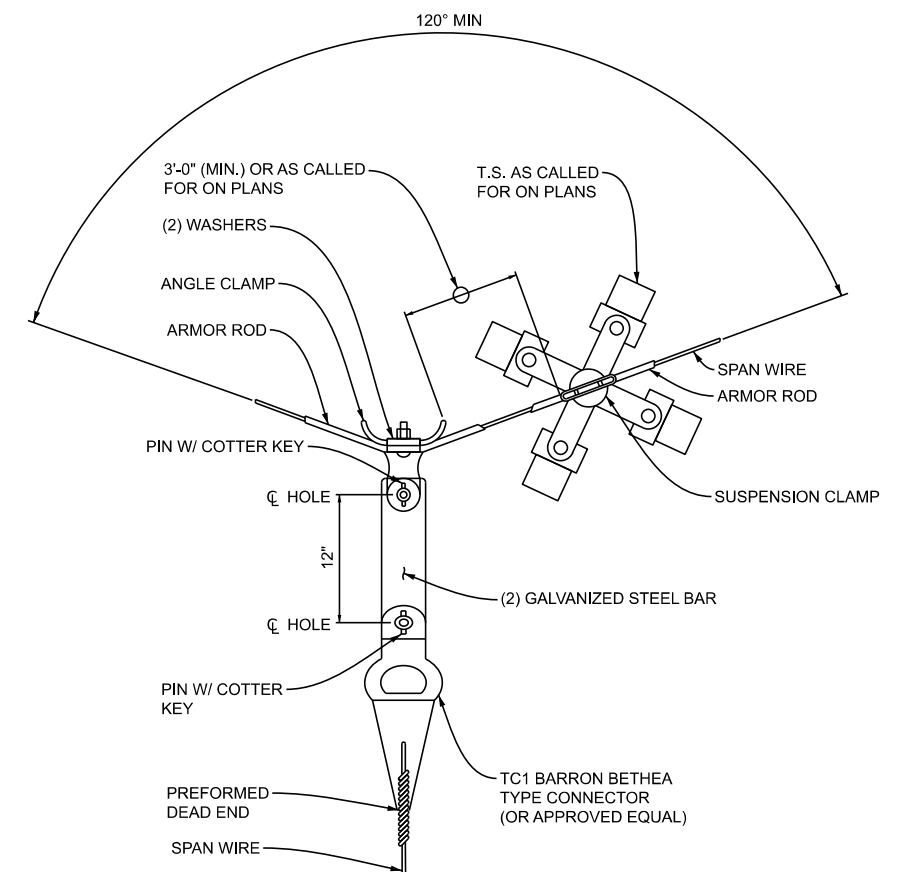


11 DETAIL - BULL RING
NTS

 MICHIGAN DEPARTMENT OF TRANSPORTATION	STANDARD PLAN FOR SPAN WIRE CASING DETAILS			
	(SPECIAL DETAIL) FHWA APPROVAL	02/19/26 PLAN DATE	SIG-010-A	SHEET 5 OF 7

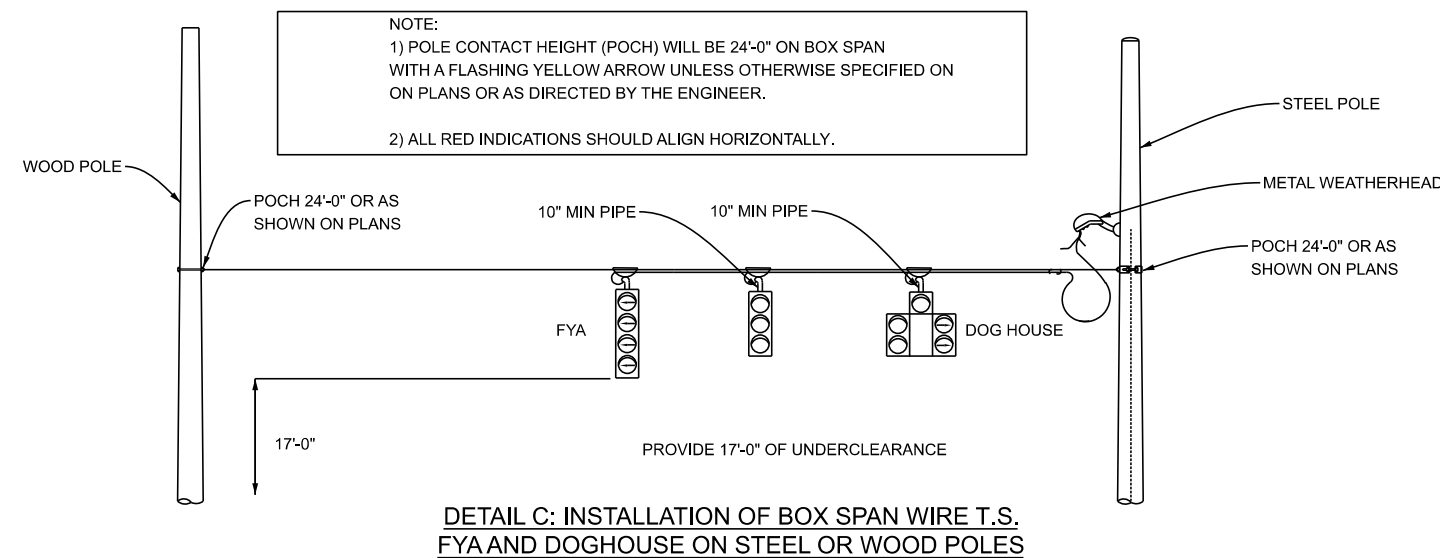
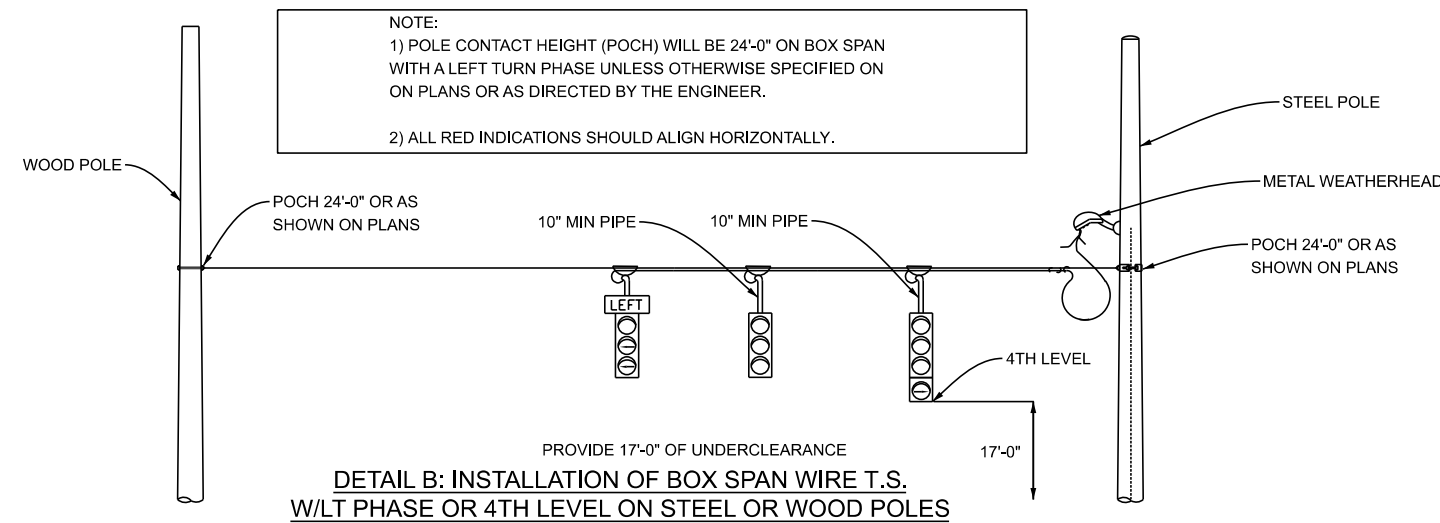
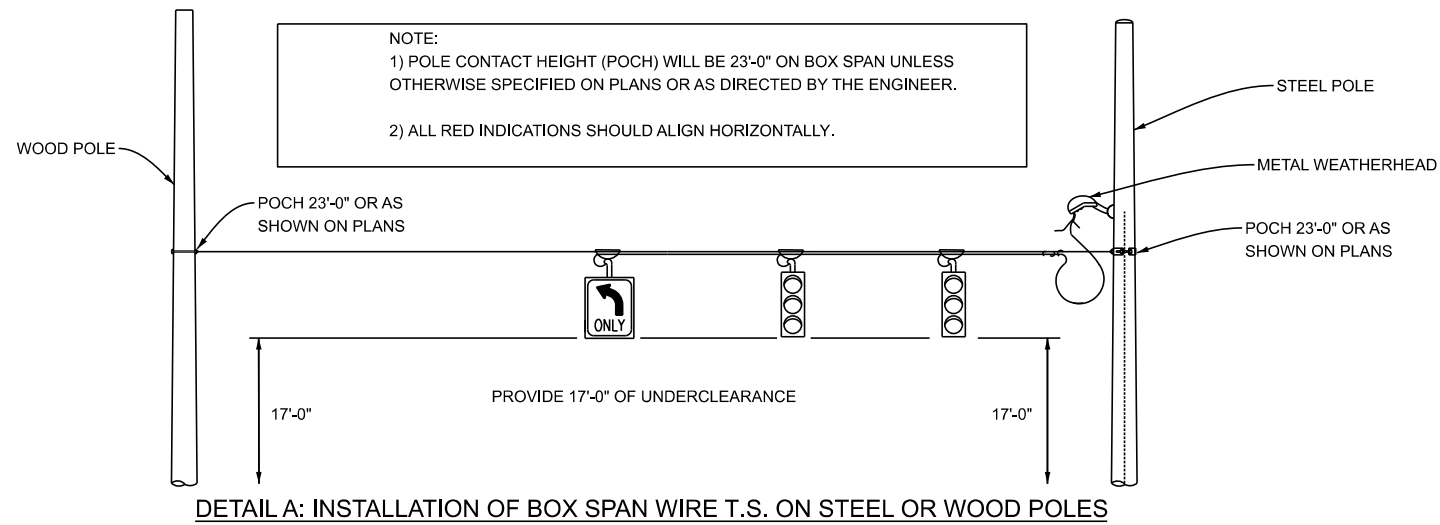


12 DETAIL - PULL-OFF CONNECTION DETAIL (ALTERNATE FOR 3-WAY SUSPENSION)
NTS



13 DETAIL - PULL-OFF CONNECTION DETAIL (ALTERNATE FOR 3-WAY SUSPENSION)
NTS

 MICHIGAN DEPARTMENT OF TRANSPORTATION	STANDARD PLAN FOR SPAN WIRE CASING DETAILS			
	(SPECIAL DETAIL) FHWA APPROVAL	02/19/26 PLAN DATE	SIG-010-A	SHEET 6 OF 7 SECT



14 DETAIL - BOX SPAN WIRE T.S. ON STEEL OR WOOD POLES FOR USE ON OAKLAND COUNTY ROADS ONLY
NTS

 Michigan Department of Transportation	STANDARD PLAN FOR SPAN WIRE CASING DETAILS			
	(SPECIAL DETAIL) FHWA APPROVAL	02/19/26 PLAN DATE	SIG-010-A	SHEET 7 OF 7

 Michigan Department of Transportation	STANDARD PLAN FOR			
	(SPECIAL DETAIL) FHWA APPROVAL	PLAN DATE		SHEET OF SECT