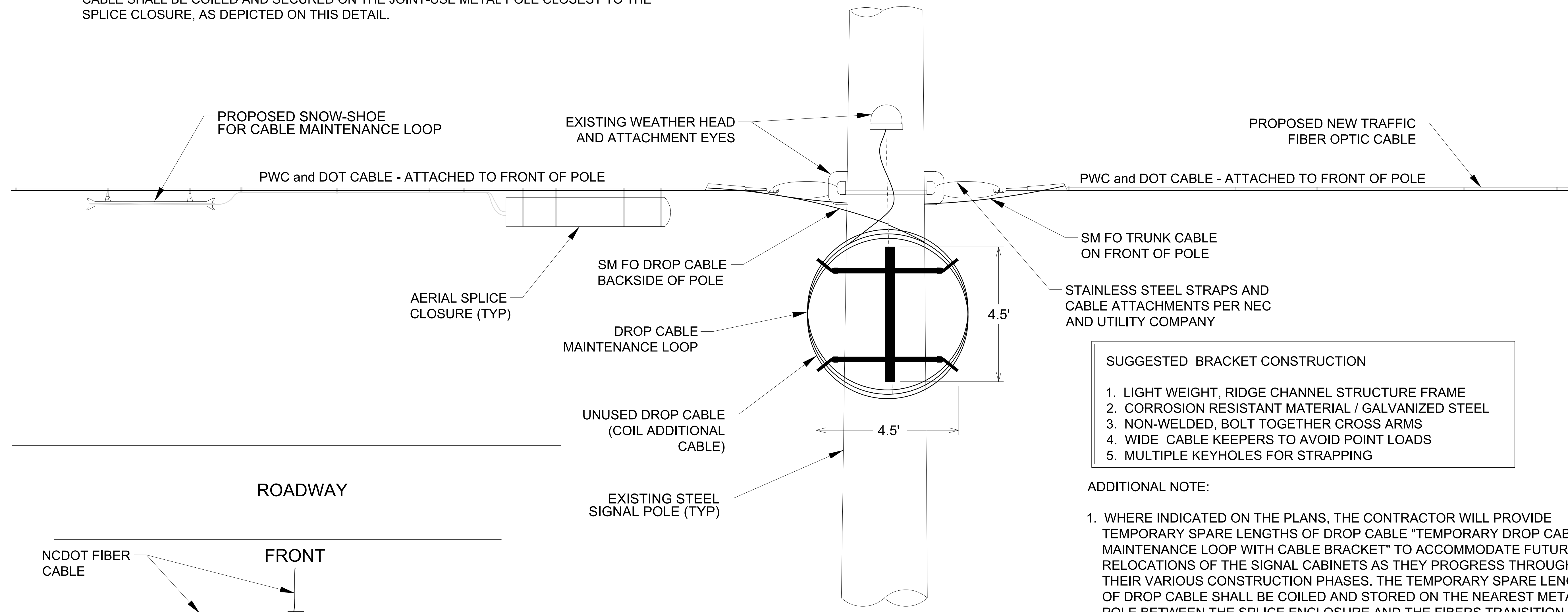


**NOTES:**

1. ALL AERIAL SPLICE CLOSURES SHALL BE INSTALLED OPPOSITE FIBER SHOW- SHOES FOR CABLE MAINTENANCE LOOP, PER NCDOT.
2. THE CONTRACTOR SHALL REFER TO SECTION "BACK PULL FIBER OPTIC CABLE" OF THE SPECIAL PROVISIONS. THE CONTRACTOR SHALL INSTALL ENOUGH FIBER DROP CABLE TO ENSURE CONNECTION TO THE "FINAL" LOCATION OF THE SIGNAL CONTROL CABINET. THEREFORE, SINCE THE FINAL LOCATION MAY NOT HAVE BEEN DETERMINED BY THE TIME OF DROP CABLE INSTALLATION, THE CONTRACTOR SHALL INSTALL ENOUGH DROP CABLE FOR THE LONGEST RUN OF DROP CABLE TO THE FINAL "BUILD-OUT" LOCATION OF THE SIGNAL CONTROL CABINET. THE CONTRACTOR SHALL BE REQUIRED TO MAKE THE CONNECTION AT THE EXISTING SIGNAL CABINET, AND THEN ANY UNUSED FIBER DROP CABLE SHALL BE COILED AND SECURED ON THE JOINT-USE METAL POLE CLOSEST TO THE SPLICE CLOSURE, AS DEPICTED ON THIS DETAIL.

3. DUE TO THE AMOUNT OF TIME THAT THIS MAINTENANCE LOOP MIGHT REMAIN UNTIL THE FINAL INSTALLATION IS MADE, THE CONTRACTOR SHALL USE A BRACKET SIMILAR TO WHAT IS SHOWN ON THE DETAIL BELOW, STRAPPED TO THE STEEL POLE. THE COST OF THE BRACKET, BANDING, LABOR AND ALL ANCILLARY MATERIAL FOR INSTALLATION OF THE BRACKET SHALL BE INCIDENTAL TO THE COST OF THE DROP CABLE. EXPECTED HARDWARE SPECIFICS FOR THE BRACKET ARE BELOW.

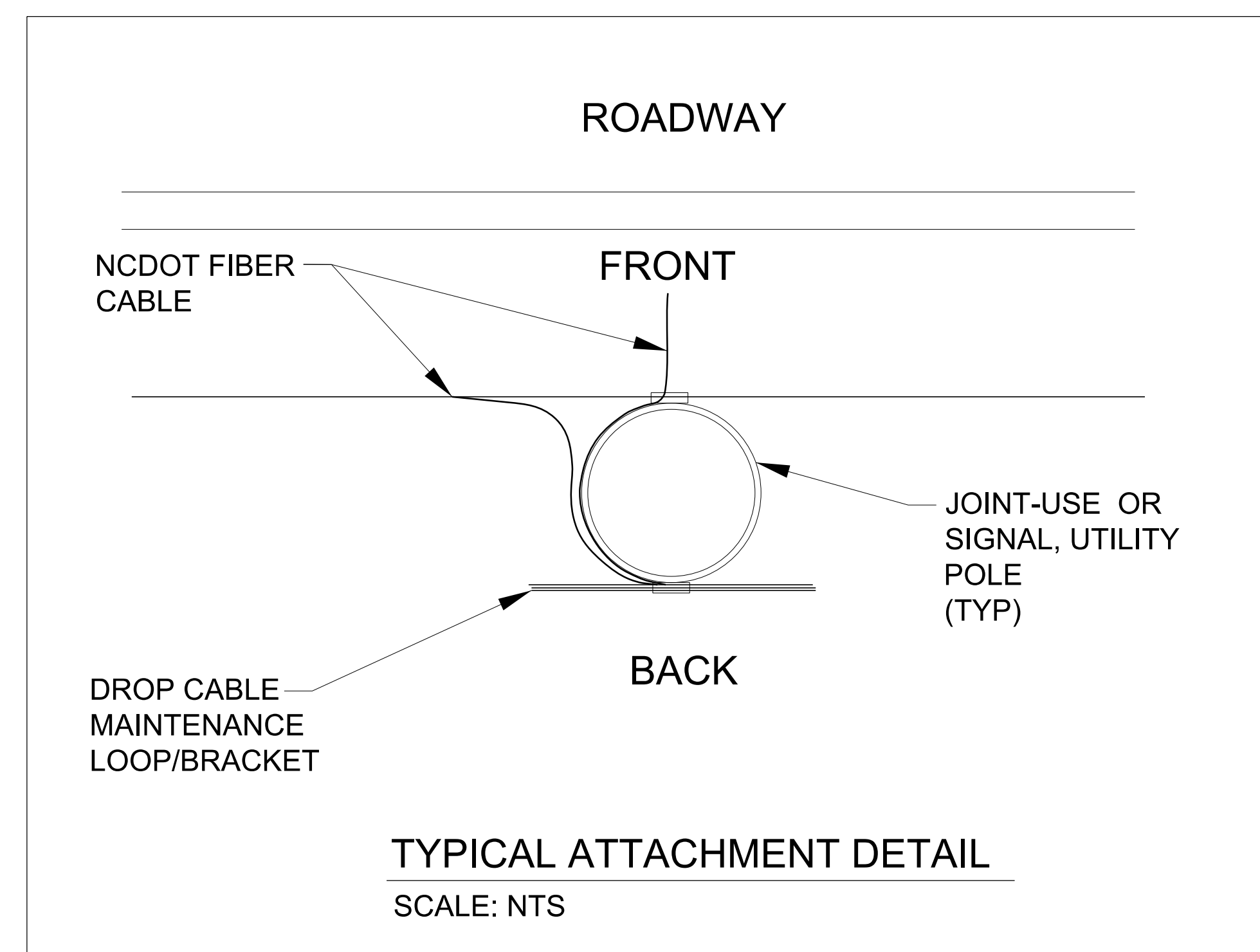


**SUGGESTED BRACKET CONSTRUCTION**

1. LIGHT WEIGHT, RIDGE CHANNEL STRUCTURE FRAME
2. CORROSION RESISTANT MATERIAL / GALVANIZED STEEL
3. NON-WELDED, BOLT TOGETHER CROSS ARMS
4. WIDE CABLE KEEPERS TO AVOID POINT LOADS
5. MULTIPLE KEYHOLES FOR STRAPPING

**ADDITIONAL NOTE:**

1. WHERE INDICATED ON THE PLANS, THE CONTRACTOR WILL PROVIDE TEMPORARY SPARE LENGTHS OF DROP CABLE "TEMPORARY DROP CABLE MAINTENANCE LOOP WITH CABLE BRACKET" TO ACCOMMODATE FUTURE RELOCATIONS OF THE SIGNAL CABINETS AS THEY PROGRESS THROUGH THEIR VARIOUS CONSTRUCTION PHASES. THE TEMPORARY SPARE LENGTH OF DROP CABLE SHALL BE COILED AND STORED ON THE NEAREST METAL POLE BETWEEN THE SPLICE ENCLOSURE AND THE FIBERS TRANSITION FROM ABOVE GROUND TO BELOW GROUND INSTALLATION AS IT PREPARES TO ENTER THE CONTROLLER CABINET. UPON A CABINET BEING SET IN ITS FINAL LOCATION AND FINAL SPLICING TO BE PERFORMED, REMOVE THE "TEMPORARY DROP CABLE MAINTENANCE LOOP AND BRACKET. RETURN THE BRACKET TO CITY OF FAYETTEVILLE'S SIGNAL SYSTEMS MANAGEMENT ENGINEER, CARL MCCARTNEY AT (910) 433-1660.



**TYPICAL ATTACHMENT DETAIL**  
SCALE: NTS

**TYPICAL DETAIL FOR FIBER DROP CABLE COILED ON POLE**

SCALE: NTS

8:57:22 AM U:\Traffic\Signal\Design\ITS\_U-4405\SCP\_Cable\_Routing\00N\_Files\_U-4405A\U-4405A\_SCP-15\_Fiber\_Detail1.s.dgn User: jnamboright

<p>Stantec Consulting Services Inc. 801 Jones Franklin Road Suite 300 Raleigh, NC 27606 Tel. (919) 851-6866 Fax. (919) 851-7024 www.stantec.com License No. F-0672</p>		<p><b>FIBER CABLE SPLICING DETAILS</b> <b>TEMP FIBER DROP CABLE BRACKET</b></p>		<p>SEAL</p>								
		<p>Prepared for the Offices of: 750 N. Greenfield Plaza, Garner, NC 27529</p>	<p>DIVISION 06 CUMBERLAND CO. FAYETTEVILLE</p> <p>PLAN DATE: APRIL 2019 REVIEWED BY: D. HARRIS</p> <p>PREPARED BY: B. KEFFER REVIEWED BY: L. OVERN</p>		<table border="1"> <thead> <tr> <th>REVISIONS</th> <th>INIT.</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	REVISIONS	INIT.	DATE				
REVISIONS	INIT.	DATE										