SCOPE: Pl Primary Flex Point (PFP) and assoc facilities to provide GPON facilities at PON Serving Area (PSA) 4301PB in route 4 of the Pembroke Pines, Fl wire center. The new PSA will overbuild Distribution Area (DA) 430127 associated with Cluster HLWDFLPE.5257.43803 IWM Job ID WL00000001619878.

A054N16

WHAT: In order to accomplish this initiative:

1. Pl a 16 port XGSPON FWLT-C Card with 16 N2 XFPs (KIT.000000049) in Slot LT-06 of 7360 ROLT in CEV RT 4118A 2601 S Lake Blvd. Mod=AAJUV.

2. Act OLT4118A,69-72 frm 6 way splice 25189404 into 216 fbr stub 25137608. Mod=AAJUT.

3. Pl 144 lateral fbr cbl count OLT4118A,69-72 frm 2 way splice 29021327 approx 550 ft buried east on 53rd St to 3 ways splice 29018232 & act OLT4118A,69-72 east on 53rd St & north on 122nd Av to fbr coil in HH 25088133 by FDI 430127 5301 SW 122ND AV via fbr cbls 25143524, 25143523, 25133984. Mod=AAJUT.

4. Pl a 432 pad mounted PFP cabinet 4301PB by FDI 430127 5301 SW 122ND AV.

PFP to only serve DA 430127.

Bring the fdr fbr stub into HH 25088133 & act OLT4118A,69-72 into the PFP. Mod=AAJUT.

5. Pl (3) 1x64 splitter modules in proposed PFP using OLT4118A,69-71. Mod=AAJUT.

DETAILS FOR THE EWO:

1. FTTP WC =YES.

2. Is feeder fiber being proposed: No.

3. Fiber status updated in FPA database: Yes.

4. Pricing by: HOT Pricing Tool.

5. Fiber length frm ROLT to PFP: approx 13.1kf.

6. Estimated Measured Loss (EML) through PFP: 25.1db (1310nm), 24.7db (1550nm).

7. Splitter Count: DBT to establish per [ATT-TELCO-002-600-625 section 3.4](http://apex.sbc.com/bookview/bookview.jsp?bookname=ATT-TELCO-002-600-625&section=1.4.4.) SPT+Address 10 total maximum characters,1-192 (splitters 1-3, 64 ports each).

8. PFP Out Count (Distribution Fiber Name): DBT to establish per [ATT-TELCO-002-600-625 section 3.3](http://apex.sbc.com/bookview/bookview.jsp?bookname=ATT-TELCO-002-600-625&section=1.4.3.) PON+Address 10 total maximum characters,1-432.

9. Do affiliate owned fibers or structure exist in the area of the proposed plan: No.

10. AOTS required? YES, AOTS-CM applicable: Non-Disruptive. Details provided in SCOPE.

11. Has the DPTT been updated if needed: Not reqd.

12. Has the OLT Forecasting Tool been updated: No, updated quarterly no input reqd.

13. XGSPON used instead of GPON: Yes.

Notes to DBT: The following section references are from ATT-TELCO-002-600-082:

- Above plan based on information available to the Planner at time of handoff.

-See [SouthEast MIC/PACE Job Aid](https://operations.web.att.com/sites/SECEVP-SUPPORT/OSPCE/Shared%20Documents/Forms/AllItems.aspx?RootFolder=%2Fsites%2FSECEVP%2DSUPPORT%2FOSPCE%2FShared%20Documents%2FSE%20MIC%20PACE%20Job%20Aid%2FJob%20Aid) section 5.2.6.2 and 5.2.6.1 for situations that require planning concurrence or addendums, and section 5.2.7 if there is extended periods between planning handoff and design start.

WHERE: NPANNX: 954431. All locations in Broward County. CO: Name Pembroke Pines, CLLI hlwdflpe, GEO Code E4109, Address 61 nw 98th av, Pembroke Pines. Remote OLT CEV RT 4118A, CLLI HLWFFLBA, 11 Character CLLI CPCYFLU0002, GEO Code E8893, Address 2601 S Lake Blvd, Cooper City. PSA 4301PB, CLLI CPCYFLEJJ00, GEO Code E04MS, Address 5301 SW 122ND AV, Cooper City.

WHY: DA 430127 has been chosen to be overbuilt, see IWM Pipeline Detail Report in MIC Plan Fold.

WHY THIS WAY: This project is planned according to the guidelines in CLR Section 1 ATT-TELCO-002-206-001 Feeder Planning issue 58 dated 12-10-24 and ATT-TELCO-002-600-699 PON Deployment Guidelines issue 44 dated 7-30-24. In new IFP Overbuild PSAs, size the initial complement of splitters based on the greater of 95% of the existing copper broadband subscribers in the DA or 1 year’s anticipated growth as supported by comparable PSAs per the PON Deployment Guidelines Section 3.8.2. 1 yr take rate for Miami DMA is 53%. 292 RBO DA 430127 x 53%=155 ports reqd. 86 Subscribers DA 430127 x 95%=82 ports reqd. Planner is therefore proposing (3) 1x64 splitter modules for 192 port capacity. 24 & 36 fbr cbls 25136136 & 25134744 frm Flamingo Rd going east on 53rd St are exhausted. Lateral is sized per CLR Section 1.6.6.10 Sizing Lateral Fiber Cables for 7 bldgs with no fbr cbl assuming average 6 tenants per bldg 2 fbrs per tenant 12 fbrs per bldg 84 strands reqd. Environment is not critical to design of feeder facilities on this project. Where buried environment is specified it was chosen so NECAT will reflect worst-case pricing since actual environment is unknown at time of handoff. Cable to be placed by most economical method/environment and to be determined by DBT during field visit.

WHY NOW: The following dates have been setup for this project per the National Planning Report in MIC Plan Fold:

Planning Handoff: 1-30-25.

Requested Design: 2-28-25.

Construction: 6-30-25.

For any additions or changes made to handoff document after initial issuance, review in the MIC database.

LCM approved <$100K.