

PFP:1110PF:S 3295 NW 53RD ST,PL 0.4KF FIB & PFP,LIG FOB DA120405

SCOPE: PI Primary Flex Point (PFP) and assoc facilities to provide GPON facilities at PON Serving Area (PSA) 1110PF in route 1 of the Allapattah, SFL wire center. The new PSA will overbuild Distribution Area(s) (DA(s)) 120405 (approved), 120301 (not approve yet) and 110701 (not approved yet).

CFAS #: [A019E75](#)
EWO #: [8MC23233N](#)

FEEDER FIBER EWO# 7MC23218N / A00GEN9 MUST BE COMPLETED PRIOR TO START THIS NEW TASK

WHAT: To accomplish this initiative the designer will follow this plan:

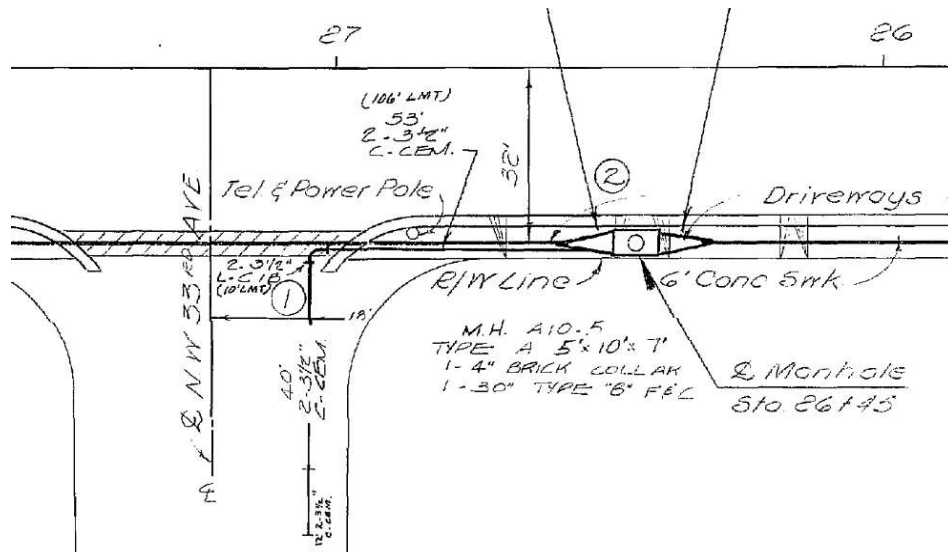
1. CO Work Required: No, use existing 7342 OLT Shelf (OLT TID: MIAMFLALOL0010141021) See FTTP Feeder Fiber Details at the Project Component in MIC for OLT assignments.
2. Place a pad-mounted 864 [PFP](#) at the ROW in the vicinity of aerial Xbox at address S 3295 NW 53RD ST to overbuild the DA(s) mentioned in the scope above. The PFP is sized based on the use of 1X32 splitter modules and the chart in section [17.4.3.1](#) for the **combined 467** SFU/SBU/MDUs. Per CLR 17 the LightGig section of the chart in [17.4.3.1](#) will be used to size for GigaPower and FTTx overbuilds. The DBT will need to determine the actual number of distribution fibers required based on actual field conditions of the affected area and then determine the actual PFP size based on CLR [17.4.3](#). If the PFP size changes return to the planner for concurrence. The PFP cabinet is equipped with (2) 1 x 32 splitter modules. (0) additional 1X32 splitter modules are required based on an anticipated 25 percent take rate as per CLR [17.19.5](#). ([181 total LUs for the approved DA X 0.25 take rate]/ 32 LUs per splitter = 2 total splitters). **MOD = GPPFP (for GigaPower)**

PROPERTY INFORMATION ⓘ	
Folio:	30-3121-034-0121
Sub-Division:	SEMINOLE LAWN
Property Address	3280 NW 54 ST Miami, FL 33142-3308
Owner	3280 MIAMI LLC
Mailing Address	11800 SW 68 CT MIAMI, FL 33156
PA Primary Zone	6600 COMMERCIAL - LIBERAL
Primary Land Use	2719 AUTOMOTIVE OR MARINE : AUTOMOTIVE OR MARINE
Beds / Baths / Half	0 / 0 / 0
Floors	1
Living Units	0
Actual Area	
Living Area	
Adjusted Area	5,984 Sq.Ft
Int Size	12 100 Sq Ft





3. Build FAP terminal and name at the following location: [F1110c](#) at MH A10-5 (#350258) with count [AL011](#), [133-156](#). (see ATT-TELCO-002-600-431, 1.14.2, 1.14.10, 1.14.19)
4. Place approx. 0.4 kf of buried 144 fiber drop cable from MH A10-5 (#350258) to the PFP cabinet. If pole line is selected, leave 100' maintenance coil once leaving the MH. Activate [AL011](#), [133-138](#) (RR 010170.09/04/133-138) from 216 fbr cbl ((#785374) to the prop. fiber drop cbl and through the new fiber tail, on fibers 1-6 of the PFP tail. The fiber drop to PFP cabinet is sized to match the feeder tail of the PFP cabinet since any incremental cost difference is negligible and it will allow maximum utilization of the PFP cabinet for any unknown future growth. **MOD = GRFDR (for GigaPower)**



DETAILS FOR THE EWO:

1. [LightGig](#), FITL Overbuild DA= LightGig DA
2. [Route Plan Approved](#): Yes
3. Is feeder fiber being proposed (excluding lateral since they do not require a forecast per [1.4.2.2](#) and [1.3.3](#))? No
4. Splitter Count: SPT1110PF, 1- 64 [CLR 17.1.5](#)
5. Distribution Fiber Name: PON1110PF
6. FIBER LENGTH FROM OLT TO PFP: See [Optical Budget Summary](#) in the MIC Planning Folder
7. Estimated Measured Loss (EML) through PFP: See [Optical Budget Summary](#) in the MIC Planning Folder. (To calculate EML, see [Optical Budget Tool](#)— Import this Summary into MIC)

8. Fiber status updated in [FPA database](#) (Yes/No): Yes
9. Pricing by: NeCAT
10. CCU Contract Type: N/A
11. DA Boundary Changes Applicable (yes, no): Yes
New PSA 1110PF needs to be added to the RLAC Maps and should match the outside boundaries of the DAs mentioned in the scope above. See [Outside Plant: Engineering Boundary Maintenance Job Aid](#) at <http://apex.web.att.com/bookview/bookview.jsp?bookname=ATT-TELCO-002-600-136> and [CLR 17.6](#).
12. Has the [PSA Manager tool](#) been updated with the required info? Yes
13. [Do affiliate owned fibers or structure exist in the area of the proposed plan?](#): No
14. AOTS required? Yes, non-disruptive ticket is required.

Notes to DBT: The following section references are from [ATT-TELCO-002-600-082](#):

- I. Changes made by the DBT (including environment changes where environment is critical to design-i.e. for diversity) should be documented in the notes section of MIC and requires Planner concurrence see Section [5.2](#) and [6](#).
- II. 90-day trigger and timing check see section [5.3](#).
- III. LCM and/or AM concurrence required when detailed pricing exceeds the greater of \$10K or 20%, see section [6.2](#).
- IV. Refer to [CLR 7.2.3.2](#) for information on fiber maintenance loops.
- V. If job contains 5 or more Mod codes, there will be discrepancy between OSPCM and OPEDS.
- VI. Public ROW is 1st choice for placement of new cabinet(s) if no existing private easement is available. If, after field review, it is determined that existing easement is insufficient, and/or no public ROW is available, please provide detailed documentation, including rationale/recommendation and approval, so that Planner can issue/revise MIC to initiate the acquisition of a private easement immediately to prevent roadblocks with cabinet placements.
- VII. Placement methods shown are for pricing and based on desktop knowledge. DBT to determine most economical method of placement during field visit. If field conditions require placing by any method/environment other than most economical the designer must document the design constraints and decisions in a status update.

WHY: The LightGig DA DA(s) mentioned in the scope above have been chosen to be overbuilt with GPON.

WHY THIS WAY: Fiber drop cable is being proposed because there's no fiber to feed the new PFP cabinet. This DA was served from the CO OLT with 1X32 splitters because the estimated measured loss was such that 1X32 splitters were recommended as per the [Optical Budget Summary](#) and [CLR 17.19.3](#). Due to uncertainties in the physical location of the PFP and fluidity of the addressing, the F2 PON cable is named using PON+PSA as allowed by the exception in [CLR 17.1.4 "Background"](#). 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. This project was planned according to the FTTP guidelines as of [CLR Sect. 17- FTTP \(Fiber to the Premise\) Rev #65. Date 2/23/2018](#).

WHY NOW: The PFP placement for GPON service is being proposed now because the proposed DA overbuild has a service date of 9/21/2018. All overbuild projects will follow their respective initiative timelines (e.g. FTTx Overbuild will follow the [FTTx tracker](#) timeline).

Delete Template Notes