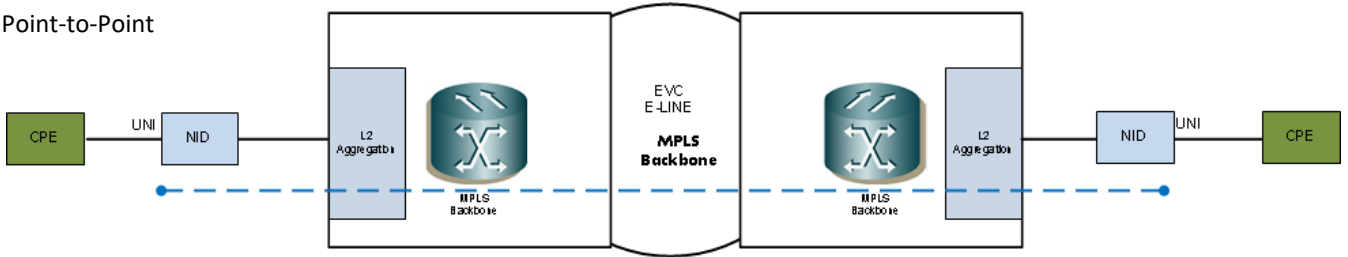# EXHIBIT A

Diagram of Crown Castle Fiber Services

Ethernet Products

- Delivered via Crown Castle fiber
- Protected & Unprotected Point-to-Point, Point-to-Multipoint (Hub & Spoke), Multipoint(Any-to-Any) Service, & MEF-26
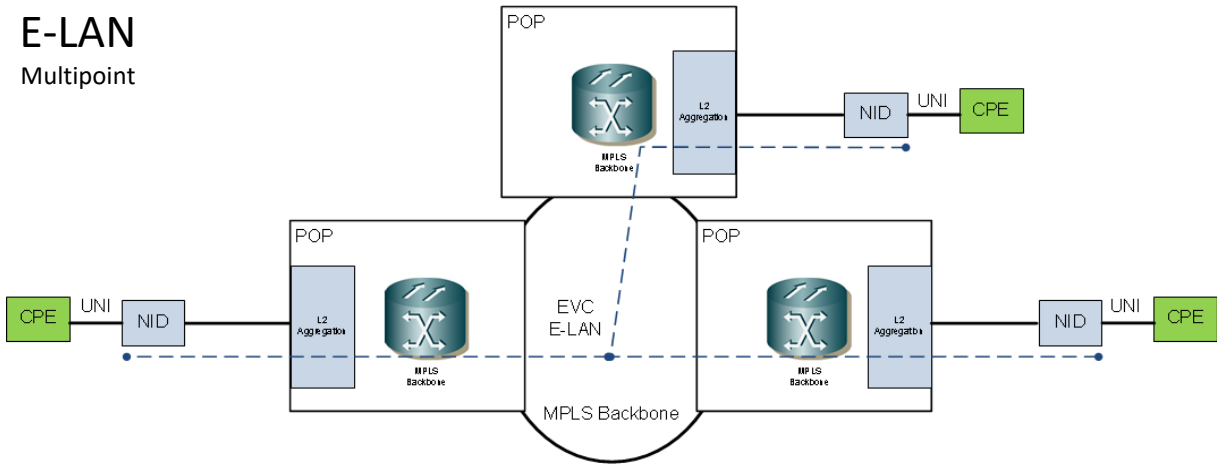- 1Mbps & 1Gbps bandwidth levels offered

E-LINE
Point-to-Point

CPE — UNI — NID — L2 Aggregation — MPLS Backbone — EVC E-LINE MPLS Backbone — MPLS Backbone — L2 Aggregation — NID — UNI — CPE

E-LAN
Multipoint

POP — MPLS Backbone — L2 Aggregation — NID — UNI — CPE

CPE — UNI — NID — L2 Aggregation — MPLS Backbone — POP — EVC E-LAN — MPLS Backbone — POP — MPLS Backbone — L2 Aggregation — NID — UNI — CPE

MPLS Backbone

Wavelength Products

- Waves between 2 sites; deployed over DWDM ROADM core network
  - Ethernet: 1Gbps - 100Gs
  - Fiber Channel: 1Gbps - 10Gbp

Metro DWDM

Long Haul DWDM

Metro DWDM