



326 East Hoover, Mail Stop B
Ann Arbor, MI 48109-1002

June 22, 2017

Alison Heatley
City of Ann Arbor
Project Management Services Unit
301 E. Huron St., 4th Floor
Ann Arbor, MI 48103

Subject: Huron Parkway Curb Cut for DTE Apex Station Service Drive

Ms. Heatley,

To improve electrical power reliability, redundancy and capacity in the northeast Ann Arbor area, DTE is proposing to install the Apex station on University of Michigan (U-M) property located at the southwest corner of the Hubbard Road and Huron Parkway intersection. As the property owner, U-M is requesting a curb cut on southbound Huron Parkway, approximately six hundred feet (600') south of Hubbard Road for DTE to periodically access the Apex station. Huron Parkway is best suited for curb cut and access drive for the following reasons:

- DTE requires a service drive constructed with a maximum of 6% longitudinal slope in order for maintenance vehicles to safely enter and exit to service electrical equipment.
 - Proposed Apex station finished grade elevation is 856.
 - U-M NC53 parking lot's proposed expansion will be located just 65 to 95 feet north of the proposed Apex station and the lot has elevation varying from 870 to 880.
 - There is +/- 20 ft. grade change from NC53 parking lot to the proposed Apex station. The DTE maximum 6% slope requirement cannot be met from parking lot NC53/ Hubbard Road access.
 - Huron Parkway elevation near the proposed Apex station varies from 850 to 840 and is conducive to constructing a service drive that complies with DTE's maximum 6% slope requirement.
- DTE's Apex station Huron Parkway service drive curb cut is proposed approximately six hundred feet (600') south of the Hubbard Road intersection along the west curb line of southbound Huron Parkway.
- All work within City ROW will be carried out per City requirements.
 - Curb cut will serve as entrance/exit point for a paved service drive.
 - Proposed curb cut for two-way approach is 60 ft. wide at the curb line and 30 ft. wide at the ROW line.
 - Turning radius at the pavement edge will be within the 5' minimum to 15' maximum.
 - The angle of the approach to the street shall be 90 degrees.
- Service drive will allow DTE maintenance trucks to periodically access the site (once a week or less) for routine equipment check.
- Proposed service drive will not be used for Apex station construction traffic.
 - U-M plans to install temporary construction access from NC53 parking lot for DTE's Apex station construction prior to completion of the U-M parking lot expansion.
 - Once Apex station is built, U-M will remove temporary construction access off of NC53 parking lot to complete the parking lot expansion.

- The Apex station is a community benefit to improve electrical power to the northeast Ann Arbor area.
- Except for being constructed on U-M property, DTE's operation of the Apex station is independent of U-M.

Please review this information with submitted plan set and approve requested curb cut at your earliest.

Sincerely,

Dharmesh Joshi
The University of Michigan
AEC-Architecture & Engineering
326 E. Hoover
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Cc: Sue Gott, Patti Spence