From:	Eric Pottenger
To:	Teresa Barnes
Cc:	Jody Bohn
Subject:	FW: Allen Rd Equipment Depot TIS
Date:	Tuesday, April 10, 2018 4:18:57 PM
Attachments:	20180406 TIS_EquipmentDepot.pdf

FYI

Sincerely,
Eric

Eric J. Pottenger
Development Services Manager
pottengere@bceo.org

Butler County Engineer's Office
1921 Fairgrove Avenue (SR4)
Hamilton, OH 45011-1965
D: 513.785.4121 | T: 513.867.5744
M: 513.678.6325 | F: 513.867.5849
www.bceo.org

From: Andrea Harth [mailto:aharth@teceng.com]
Sent: Tuesday, April 10, 2018 4:08 PM
To: Matthew Loeffler
Cc: Timothy Dawson; Eric Pottenger; Schultz, Randy
Subject: Re: Allen Rd Equipment Depot TIS

Matt,

The updated report is attached. We updated the sight distance to the ODOT L&D Manual minimum of 14.4' from EOP and we did go out and verify sight distance from 12' further back to account for widening. It was a little tough for the western driveway as that put them down in a ditch with thick brush, but we are confident the sight distance is still met.

Please let me know if you have any questions.
Andrea

Andrea Harth, PE, PTOE | Project Manager

TEC Engineering, Inc. | 7288 Central Parke Blvd., Mason, OH 45040
office 513.771.8828 | **direct** 513.701.9813 | **fax** 513.771.0707
email aharth@teceng.com | **website** www.teceng.com

*CELEBRATING **25 YEARS** OF EXCELLENCE* (est. 1992)

On Fri, Mar 30, 2018 at 9:46 AM, Matthew Loeffler <LoefflerM@bceo.org> wrote:
Good morning, Andrea.

We have reviewed the Traffic Impact Study report dated "March 2018" for Equipment Depot and offer the following responses.

We agree with the recommended improvements. The 215-foot westbound left-turn lane should be installed for opening day.

Other comments on the report include:

- Butler County designates Allen Road as a Major Collector. The report references ODOT's designation for Allen Road as a Minor Arterial.

- There appears to be an incomplete statement in report section 3 (2nd paragraph under Table 3.1). The sentence says "60 trips per day."

- The assigned trip distribution for site traffic in Figure 3.2 shows that entering/exiting and AM/PM distributions will be the same: 60% north, 30% south, 10% west. This seems reasonable for the site use even though the existing traffic flow patterns vary significantly between AM and PM peaks.

- The report states that the decision point for sight distance calculations is located 12-feet behind the edge of pavement.

    - ODOT L&D recommends 10'-feet behind the stop bar. Is it assumed that the stop bar will be 2-feet from the E/P? Please confirm.

    - Verify that intersection sight distance will still be provided at the western drive after construction of the westbound left-turn lane. Presumably, this would push the decision point back an additional 12-feet (if the pavement is widened all to the south).

Please update the TIS per above comments and resubmit for final approval. Thank you!

Matthew J. Loeffler, PE
BCEO Traffic Engineer
1921 Fairgrove Avenue (SR 4)
Hamilton, Ohio 45011
513-785-4109
www.bceo.org/traffic

From: Andrea Harth [mailto:aharth@teceng.com]
Sent: Wednesday, March 21, 2018 4:17 PM
To: Matthew Loeffler
Subject: Allen Rd Equipment Depot TIS

Matt,

The TIS for the Allen Road Equipment Depot is attached for your review. Please let me know if you have any questions.

Thank you,
Andrea

Andrea Harth, PE, PTOE | Project Manager

TEC Engineering, Inc. | 7288 Central Parke Blvd., Mason, OH 45040
office 513.771.8828 | **direct** 513.701.9813 | **fax** 513.771.0707
email aharth@teceng.com | **website** www.teceng.com

*CELEBRATING **25 YEARS** OF EXCELLENCE* (est. 1992)