

Mr. Zack Crabtree
Big O Tires (Falcon)

¹ The applicant has submitted construction drawings with the final plat application. Therefore, submit a deviation request for the driveway width. Make sure to include Figure 2 and the two AutoTurn exhibit as attachments to the deviation request.

ACCESS SIGHT DISTANCE

Figure 8 presents the sight distance analysis at the access point. The stopping sight distance and intersection sight distance have been calculated based on a 15-mph design speed for the turn from eastbound US 24 to southbound "Old" Meridian Road. Based on this analysis, the sight distance is acceptable.

DEVIATIONS

Figure 2 shows the preliminary width dimensions. The perpendicular width dimension, the driveway width meets ECM criteria. Therefore a deviation is not needed. ² The applicant has updated the site plan and the driveway now meets width criteria. Therefore a deviation is not needed. This deviation suggests this deviation be prepared with the **site development plan** as the current plan is preliminary. The latter width is due to the access skew, which results from a combination of the parcel dimensions and the need to maximize distance from the US 24 "Old" Meridian Road intersection.

FINDINGS AND CONCLUSIONS

Trip Generation

- The site is projected to generate about 185 vehicle-trips on the average weekday.
- Approximately 11 vehicles would enter the site during the weekday morning peak hour, while 6 vehicles are projected to exit. During the weekday evening peak hour of adjacent street traffic, 11 vehicles would enter the site while 15 vehicles would exit.

Level of Service

- Please refer to the Level of Service section above and to the attached SimTraffic reports for detailed LOS summaries at all signalized intersections adjacent to the site.
- All approaches at the proposed site access intersection with Meridian Road are projected to operate at LOS B or better during all short- and long-term scenarios during both the weekday morning and evening peak hour following the addition of this development.
- The intersection of US 24/Meridian Road, currently signalized, operates at LOS D during the morning peak hour and LOS F during the evening peak hour. During the long-term evening peak hour, after the intersection of US 24/Meridian Road is converted to a RI/RO intersection, both minor street right-turn-only approaches are projected to operate at LOS A.

³ State whether there's a need to mitigate in the interim condition given the timeline provided by DPW (pg 2).

Summary of Comments on Microsoft Word - Big O Tires -- report (addressed comments, 2018 March).docx


Page: 9

 Number: 1 Author: dsdlaforce Subject: Callout Date: 5/7/2018 3:33:41 PM

The applicant has submitted construction drawings with the final plat application. Therefore, submit a deviation request for the driveway width. Make sure to include Figure 2 and the two AutoTurn exhibit as attachments to the deviation request.

Status

jchodsdon Cancelled 5/17/2018 1:29:02 PM

 Number: 2 Author: jchodsdon Subject: Text Box Date: 5/17/2018 1:30:00 PM

The applicant has updated the site plan and the driveway now meets width criteria. Therefore a deviation is not needed.

 Number: 3 Author: dsdlaforce Subject: Callout Date: 5/7/2018 4:09:18 PM

State whether there's a need to mitigate in the interim condition given the timeline provided by DPW (pg 2).

Status

jchodsdon Completed 5/17/2018 1:30:06 PM

County Road Improvement Fee Program

This project will be required to participate in the County Road Improvement Fee Program. The applicant does not intend to join one of the PIDs, but rather pay the fee amount at the time of building permit. The fee would be \$4,572 per 1,000 square feet. Therefore, the total fee would be \$29,599.


← Include the recommendation directing trucks to turn left (pg 7). ¹

Please contact me if you have any questions regarding this report.

Sincerely,

LSC TRANSPORTATION CONSULTANTS, INC.

By


Jeffrey C. Hodsdon, P.E., PTOE
Principal

JCH:JAB:bjwb


Enclosures: Table 3
Figures 1-8
AutoTurn Exhibits
Traffic Count Reports
Level of Service Reports



² Cash in lieu of curb & gutter and sidewalk improvements for the section of Meridian Road fronting the property is required per the attached email correspondence. Include a cost estimate for these improvements.

The email includes a Cost Estimate which identifies the unit cost to be used.



Update the Findings and conclusions accordingly.

 Number: 1 Author: dsdlaforce Subject: Callout Date: 5/7/2018 4:21:55 PM

Include the recommendation directing trucks to turn left (pg 7).

Status


jchodsdon Completed 5/17/2018 1:30:09 PM

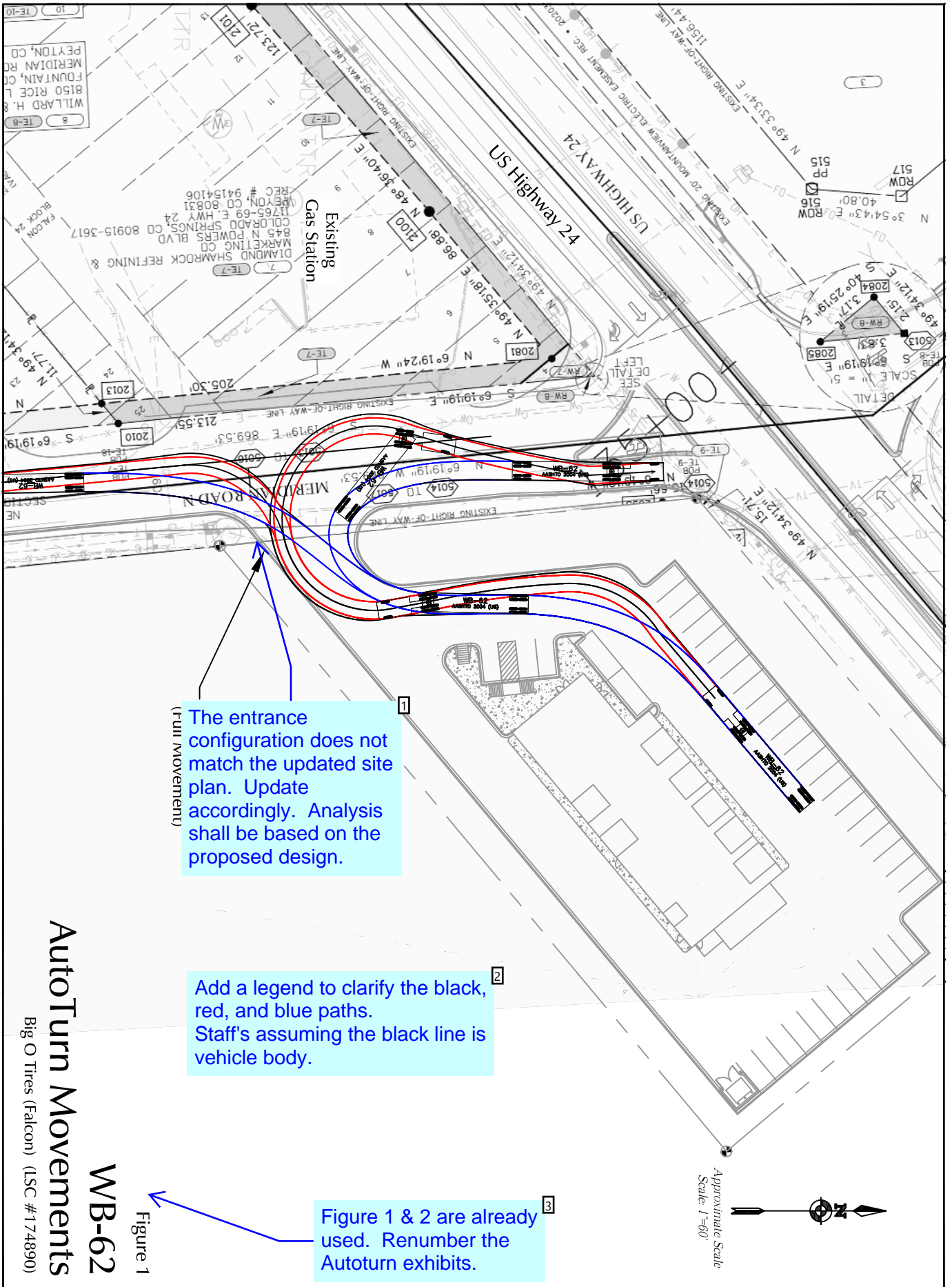
  Number: 2 Author: dsdlaforce Subject: Cloud+ Date: 5/7/2018 4:15:56 PM

Cash in lieu of curb & gutter and sidewalk improvements for the section of Meridian Road fronting the property is required per the attached email correspondence. Include a cost estimate for these improvements. The email includes a Cost Estimate which identifies the unit cost to be used. Update the Findings and conclusions accordingly.

Status

jchodsdon Completed 5/17/2018 1:30:14 PM

 Number: 3 Author: dsdlaforce Subject: File Attachment Date: 5/7/2018 4:10:24 PM




 Number: 1 Author: dsdlaforce Subject: Callout Date: 5/7/2018 4:43:05 PM

The entrance configuration does not match the updated site plan. Update accordingly. Analysis shall be based on the proposed design.

Status

jchodsdon Completed 5/17/2018 1:30:18 PM

 Number: 2 Author: dsdlaforce Subject: Text Box Date: 5/2/2018 9:30:50 AM

Add a legend to clarify the black, red, and blue paths. Staff's assuming the black line is vehicle body.

Status

jchodsdon Completed 5/17/2018 1:30:22 PM


 Number: 3 Author: dsdlaforce Subject: Callout Date: 5/7/2018 3:28:11 PM

Figure 1 & 2 are already used. Renumber the Autoturn exhibits.

Status

jchodsdon Completed 5/17/2018 1:30:25 PM