

December 08, 2021

Kevin Krulik, City Engineer
One Municipal Plaza
401 S. Meridian Street
2nd Floor
Lebanon, IN 46052

Re: Lebanon Gateway – Casey’s of Lebanon – Engineering Plans – 1415 West South Street, Lebanon, IN 46052

Mr. Krulik,

Kimley-Horn received comments on November 16, 2021 from the City of Lebanon Engineering Department for the proposed Casey’s of Lebanon development located at 1415 West South Street, Indiana 46052. The following are our responses and actions to the provided comments.

Review Comments

- 1. Satisfactorily address all comments provided by Lebanon Utilities, Police, Fire, Street, Stormwater, and Planning departments, in addition to requirements of other authorities having juris diction, such as: the Boone County Surveyor, the Indiana Department of Transportation, the Indiana Department of Environmental Management, the Indiana Department of Natural Resources, etc.**

Response: This comment has been acknowledged. All comments provided have been addressed.

- 2. Submit required calculations and satisfactorily address all storm water runoff, detention, storm sewer, and storm water quality comments provided by Kerry Daily of Christopher Burke Engineering Limited (CBBEL) pursuant to the City of Lebanon Stormwater Control Ordinance**

Response: This comment has been acknowledged. A revised Drainage Report has been included with this resubmittal package.

- 3. All Sheets:**
 - a. Add a note to all appropriate sheets which states the following: All work within the right-of-way shall meet current City of Lebanon Construction Standards.**

Response: The requested note has been added to Sheets C-100, C-101, C-201, C-301, & C-401.

- b. Add a note to all appropriate sheets which states the following: The contractor/developer shall protect existing right-of-way infrastructure and be responsible for restoration as necessary.**

Response: The requested note has been added to Sheets C-100, C-101, C-201, C-301, & C-401.

- c. **Add a note to all appropriate sheets which states the following: Roof drain downspouts shall discharge at grade adjacent to the structure with proper grading to ensure drainage away from foundation.**

Response: A waiver request for this item has been submitted to the city engineer.

4. Sheet C1.0 – Cover Sheet:

- a. **“APPROVED FOR CONSTRUCTION” stamp, shall be added, when appropriate, as follows:**

APPROVED FOR CONSTRUCTION

Release For Construction Date: _____

Preconstruction Conference Date: _____

By: _____ **Date:** _____

Kevin Krulik PE PS AICP, City Engineer

City of Lebanon, IN

Response: This comment has been acknowledged.

5. Sheet C-001 – Cover Sheet:

- a. **No Comment**

Response: N/A

6. Sheet C-002 – General Specifications:

- a. **Provide Reference to City of Lebanon Standard details**

Response: The requested note has been added to Sheet C-002.

- b. **Please note that Lebanon Standards will control where conflicts exist.**

Response: The requested note has been added to Sheet C-002.

7. Sheet C-003 – General Notes:

- a. **Provide Reference to City of Lebanon Standard details**

Response: The requested note has been added to Sheet C-003.

- b. **Please note that Lebanon Standards will control where conflicts exist.**

Response: The requested note has been added to Sheet C-003.

8. Sheet C-100 – Existing Conditions/Demolition Plan:

- a. **Add full depth asphalt sawcut between toe of curb and asphalt to ensure clean removal of curb and minimize damage to asphalt. Developer/Contractor is responsible for any damage to adjacent existing infrastructure.**

Response: Full depth asphalt sawcut has been specified along the proposed entrance on Ping Avenue.

- b. **Concrete Curb and Walks shall be cut at existing joints. Add appropriate notes as needed.**

Response: The requested note has been added to Sheet C-100.

- c. **Provide reference to maintenance of traffic plan associated with demolition and reconstruction within existing rights-of-way.**

Response: A note has been added to Sheet C-100 referencing to Sheet C-102 (MOT Plan).

- d. **Indicate final location for items labelled “to be relocated”**

Response: Final locations of items labeled “to be relocated” can be found on Sheets C-101 & C-301.

9. Sheet C-101 – Site Plan:

- a. **Revise stop bar at Ping Avenue to provide thermoplastic material.**

Response: The stop bar located near Ping Avenue shall remain painted as the stop bar is located outside of right-of-way.

- b. **All traffic control posts installed within the right-of-way shall be black painted square breakaway steel posts.**

Response: Additional annotation has been added to Sheet C-101 and C-604 specifying black painted square breakaway steel posts within right-of-way.

- c. **All traffic control signage within the right-of-way to have black painted sign backs.**

Response: Additional annotation has been added to Sheet C-101 and C-604 specifying black painted sign backs within right-of-way.

- d. **Extend 2’ combined curb and gutter all entire frontage of Ransdell Road, connecting to existing curb and gutter, provide for proper drainage.**

Response: Combined curb and gutter has been extended along the entire frontage of Ransdell Road.

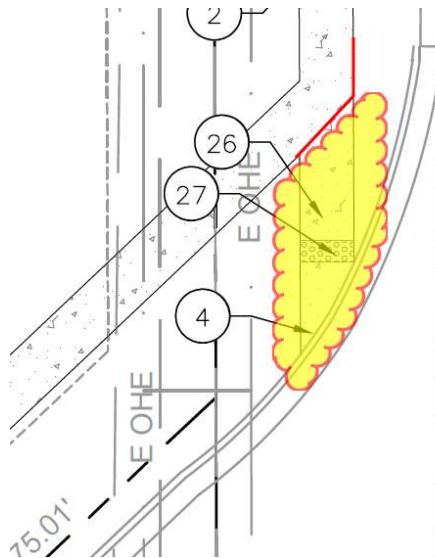
- e. **Remove truncated domes at commercial drive walk crossings. Curb depressions are still required, and all walks and ramps must meet slope and trip hazard requirements.**

Response: The truncated domes have been removed from all commercial drive walk crossings.

- f. **Provide Heavy Duty pavement in drive aisle areas to accommodate deliveries.**

Response: It is the client's preference to maintain Standard Duty pavement within the private drive aisles.

- g. **Keynote references 26 and 27 at ramp near southeast corner of the site appear to be incorrect. Remove ramp at this location:**



Response: The ramp has been removed from the specified location.

10. Sheet C-101A – Alternate Paving Plan:

- a. **Verify and provide final paving plan prior to release of construction.**

Response: This comment has been acknowledged.

11. Sheet C-201 – Grading and Drainage Plan:

- a. **Ensure that drainage directed to the Ping Avenue is in compliance with the Ping Avenue storm sewer design.**

Response: This comment has been acknowledged. The proposed ridge lines that run along the Ping Avenue ROW are consistent with the original Drainage Report.

- b. Ensure compliance with requirements with the City of Lebanon Stormwater Control Ordinance as outlined by CBBEL.**

Response: This comment has been acknowledged. CBBEL comments have been fully addressed with this submittal.

12. Sheet C-301 – Utility Plan:

- a. Indicate all utility crossing elevations. Provide concrete cradles where a vertical separation of 18” between outside of pipes is not attainable (6” min. clearance required). Denote all gas, electric, and water crossings.**

Response: All existing utility crossings have been labeled with Key Note “M2”. All proposed utility crossings have been labeled with Key Note “M3”. All storm sewer and sanitary sewer crossings have inverts listed and provide 6” minimum clearance.

- b. All Downspouts are to discharge at grade per City of Lebanon Stormwater Control Ordinance.**

Response: A waiver request for this item has been submitted to the city engineer.

13. Sheet C6.1 – Storm Sewer Plan and Profiles:

- a. Provide plan view to correspond with profiles.**

Response: Plan views have been added to Sheets C-302 & C-303.

- b. All Storm Sewers within 5’ of proposed pavements should be backfilled with structural material.**

Response: Full depth granular backfill has been added to the appropriate locations.

- c. All Storm Sewers within 5’ of Public Rights-of-Way shall be backfilled with structural material.**

Response: Full depth granular backfill has been added to the appropriate locations.

- d. Notes shall be placed that indicate all structural backfill material to be compacted in 6” lifts.**

Response: A note specifying the requirement has been added to Sheets C-302 & C-303.

- e. Indicate all conduit and private utility crossing locations, size, depth, and material as necessary.**

Response: All utility crossing locations, sizes, depths, and materials have been shown/labeled as appropriate.

- a. Depict Hydraulic Grade Line.**

Response: The 100-YR HGL has been added to Sheets C-302 & C-303.

- f. Ensure compliance with requirements with the City of Lebanon Stormwater Control Ordinance as outlined by CBBEL.**

Response: This comment has been acknowledged. CBBEL comments have been fully addressed with this submittal.

14. Sheet C-401 – Erosion Control Plan:

- a. Ensure compliance with requirements with the City of Lebanon Stormwater Control Ordinance as outlined by CBBEL.**

Response: This comment has been acknowledged. CBBEL comments have been fully addressed with this submittal.

15. Sheet C-402 – Erosion Control Details:

- a. Ensure compliance with requirements with the City of Lebanon Stormwater Control Ordinance as outlined by CBBEL.**

Response: This comment has been acknowledged. CBBEL comments have been fully addressed with this submittal.

16. Sheet C-403 – SWPPP:

- a. Ensure compliance with requirements with the City of Lebanon Stormwater Control Ordinance as outlined by CBBEL.**

Response: This comment has been acknowledged. CBBEL comments have been fully addressed with this submittal.

17. Sheet C601-605 – Construction Details

Response: N/A

- 18. Provide Maintenance of Traffic plan in compliance with MUTCD for the construction of the proposed entrance along Ping Avenue.**

Response: A Maintenance of Traffic plan has been provided on Sheet C-102.

- 19. Provide copy of Indiana Department of Natural Resources (IDNR) Rule 5 Notice of Intent (NOI) to Scott Calvert, MS4 Coordinator. Weekly City inspections of Stormwater BMPs are required throughout construction. Inspection fees will be \$50 per month from permit issuance till a Notice of Termination (NOT) is filed. Fees shall be paid at the time of permitting based on the proposed anticipate construction schedule.**

Response: This comment has been acknowledged

If you have any questions or require any additional information, please contact me at (317) 218-9465.

Sincerely,



Connor Strege, E.I.

Kimley-Horn and Associates, Inc.