



June 7, 2024

Gene Williams
City of Lee's Summit
220 SE Green St
Lee's Summit, MO 64063

RE: PRSUBD 20240452 Response to comments on Bailey Road Turn Lane Plans

Review Type Outcome Est. Completion Date Completed Traffic Review - Streets No

Comments 02/16/2024 02/20/2024 Reviewer:

Erin Ralovo

Reviewer Comments: Engineering Review - Paved Surface Corrections 02/16/2024 02/16/2024 Reviewer:

Gene Williams, P.E.

Corrections:

Correction 1:

Misc

Status:

Corrective Action Required

Date Status Changed:

02/16/2024

Comments:

Tactile warning (i.e., truncated domes) are greater than 5.00 feet from the back of curb on two (2) ADA-accessible ramps shown on Sheet 8 (i.e., one (1) on the east side, and one (1) on the west side of intersection). A maximum of 5.00 feet is allowed from any portion of the tactile warning to the back of curb. Please revise as appropriate.

Response: Ramps have been revised. See Sheet 8.

Correction 2:

Status:

Corrective Action Required

Date Status Changed:

02/16/2024

Comments:

KCMMB asphalt mix is required for the project. Please revise the typical pavement section showing KCMMB asphalt pavement mix.

Response: Detail has been revised. See Sheet 3

Correction 3:

Status:

Corrective Action Required

Date Status Changed:

02/16/2024

Comments:

Please specify Type B ADA-accessible ramps straight across intersection rather than offsetting as shown. Install stop sign further to the north just behind the ADA-accessible route across the intersection. If any questions, I can send example of what was done on East Trails Middle School. This method was used at the East Trails Middle School to the west. Please revise.

Response: Ramps have been revised to be like the Middle School ramps. See Sheet 8.

Correction 4:

Miscellaneous Correction

Status:

Corrective Action Required

Date Status Changed:

02/16/2024

Comments:

The ADA-accessible ramps shall be detailed with 1) slope callouts, 2) elevation callouts, 3) ADA-accessible route with width across the intersection along with cross-slope callouts, 4) turning space callouts showing no more than 1.5% in any direction, 5) distance from truncated domes to back of curb, and 6) width of sidewalk or greenway trail.

Response: Ramps have been revised and graded out. See Sheet 8.

Correction 5:

Miscellaneous Correction

Status:

Corrective Action Required

Date Status Changed:

02/16/2024

Comments:

Sheet 5: You are showing at least one (1) curb inlet that is installed at-grade rather than a sump condition. As such, KCAPWA has a separate detail for gutter buddy installation. Please show in schematic format on this sheet how the gutter buddies will be installed on the at-grade curb inlet(s). Please call me if any questions.

Response: Gutter buddies following APWA Detail ESC-06. These are shown in plan view and the detail has been added to Sheet 5.

Correction 6:

Miscellaneous Correction

Status:

Corrective Action Required

Date Status Changed:

02/16/2024

Comments:

Typical pavement section shall be detailed as to the thickness of asphaltic concrete beneath the curb and gutter. Please provide dimensions of this layer of asphaltic concrete beneath the curb and gutter. This is to ensure there are no misunderstandings in the field as to the requirements. Provide sufficient notation such as "leveling course" or equivalent language, along with the thickness of this layer.

Response: The details have been revised. See Sheet 3

Reviewer Comments: Engineering Review - Storm SewerNo Comments02/16/202402/16/2024Reviewer:
Gene Williams, P.E.

Reviewer Comments: Engineer Review - GradingCorrections02/16/202402/16/2024Reviewer:
Gene Williams, P.E.

Corrections:

Correction 1:

Misc

Status:

Corrective Action Required

Date Status Changed:

02/16/2024

Comments:

Cross-sections shall be required for this project since there is no mass grading plan for the interior portion of the project along Bailey Rd. Please provide cross-sections in accordance with the Design and Construction Manual.

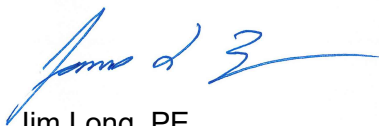
Response: Cross Sections have been added to the plan.

Reviewer Comments:

Should you have additional comments, please feel free to contact me. Thank you.

Sincerely,

SCHLAGEL & ASSOCIATES, P.A.



Jim Long, PE

Sr. Project Engineer

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/mr

Enclosures