



October 14, 2016

Mr. Jeremy Cawley, P.E.  
City of Columbus  
Department of Public Utilities  
1250 Fairwood Avenue  
Columbus, OH. 43206

Dear Mr. Cawley:

At the request of the Division of Sewerage and Drainage (DOSD), we have completed a study of the parking impacts created by the Blueprint Clintonville Morse-Dominion Integrated Solution Project (Project). The parking study is intended to determine the currently available parking spaces within the project area, count the vehicles that parked in specific locations on the nights we completed parking counts in the Project area, and determine the reduction in available parking spaces resulting from the proposed Project.

The Project includes the construction of green infrastructure throughout the Project area (generally Morse Road south to Dominion Boulevard and from Indianola Avenue west to Beech Hill Avenue) within the public right-of-way. The proposed green infrastructure improvements include the construction of bioretention facilities that consist of a concrete containment structure, which has a 6-inch-high “curb” around the entire perimeter. The bioretention basins are proposed immediately adjacent to the existing curb line (integral with the curb) or proposed to “bumpout” into the existing street. The bioretention basins require parking to be prohibited in front of the bioretention basins, which would create a reduction in allowable parking.

Our analysis of required on-street parking in the project area was completed by first determining the currently available parking spaces based on criteria provided by DOSD and City of Columbus (City) Municipal Code for parking. DOSD provided that the length of one on-street parking space equaled 22 feet. Additionally, based on City Municipal Code, parking is restricted in the following locations:

- Within 5 feet of a driveway
- Within 10 feet of a fire hydrant
- Within 20 feet of a crosswalk
- Within 30 feet of a stop sign
- Within 50 feet of a railroad crossing
- Within 20 feet of an intersection
- Within 1 foot of an ADA ramp

These criteria were then applied to the entire Project area. The enclosed Figure 1 depicts the available parking spaces and removed parking spaces resulting from the Project throughout the Project area and the locations of the proposed bioretention basins. It was determined there are currently 531 parking spaces available.

Once the number of existing parking spaces was determined, we then completed a count of the vehicles parked on-street throughout the Project area. We completed this on three consecutive nights from

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September 27, 2016, through September 29, 2016. The counts were completed between 6 P.M. and 8 P.M. each evening. The results of these counts are also displayed on Figures 2 thru 4. The number of vehicles parked in a specific spot on each of the three evenings the counts were completed are shown in the box that represents a parking spot. (For instance, "1/3" means that one vehicle was parked in that location one out of the three evenings the counts were completed.)

Once the counts were complete, we then determined the reduction in the number of parking spaces required because of the construction of the proposed bioretention basins. The parking spaces shown in green on Figure 1 are those that will remain available to park in after construction is completed and those parking spaces shown in red are those in which parking will not be allowed following construction of the Project.

The results of the parking study are summarized in the following table.

|   |                    |
|---|--------------------|
| Existing Number of Parking Spaces in Project Area                                   | 531 Parking Spaces |
| Average Number of Vehicles Per Night Parked in Parking Spaces during Parking Counts | 123 Vehicles       |
| Reduction in Number of Parking Spaces Resulting from Project Construction           | 90 Parking Spaces  |
| Number of Parking Spaces Available Following Project Construction                   | 441 Parking Spaces |

As requested, we will also provide to you an electronic copy of the shapefile that shows the specific parking spaces available and reduced by the Project via e-mail.

If you have any additional questions about the information presented, please do not hesitate to contact me.

Sincerely,



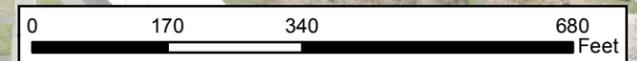
H. Patrick Karnes

Enclosures



**Legend**

— Morse\_Dominion\_Basin\_Locations    ■ 2016\_Proposed No Parking    ■ Available Parking



**PARKING LOCATIONS  
MORSE-DOMINION PROJECT AREA**

CITY OF COLUMBUS, DOSD  
FRANKLIN COUNTY, OH



**3521.010  
Figure 1**