



Engineers, Surveyors, Planners, Scientists

MEMO

Date: October 14, 2016

To: Reynaldo A Stargell, PE, Division of Traffic Management

From: Marcia Bland, PE, EMH&T

Subject: Revised Parking Evaluation for
Weisheimer/Indian Springs Integrated Solutions Project CIP 650680-10002

Copies: Nick Domenick, PE

We have completed an evaluation of the existing and proposed parking spaces for the Weisheimer Indian Spring Integrated Solutions Project CIP 650870-10002. Our project will be constructing fifteen bump-out bio-basins throughout the following locations:

- Weisheimer Road Between High Street and Sharon Avenue
- Desantis Drive Between Shields Drive and Sellers Avenue
- Schreyer Place between Shields Drive and Sellers Avenue
- Fairlawn Drive between Foster Drive and Village Drive

The evaluation was completed in the following steps:

Step 1: The design team completed five parking counts on various days and times between June 12, 2016 and June 15, 2016 at each of the four locations listed above.

Step 2: The team evaluated the number of available spaces in the existing condition on each street. The number of spaces was calculated assuming that 22 feet is required for a parking distance. This length was provided by a previously approved study (Cooke/Glenmont Area).

Step 3: The team evaluated the number of parking spaces that would be lost as a result of the bump-out bio-basins being constructed in the proposed locations.

Step 4: The team calculated the percentage of parking utilized in the existing and proposed conditions to allow the City to understand the impacts of the proposed bio-basins.

Conclusion: There are seventeen (17) bump-out basins proposed with this project which will result in a loss of approximately seventeen (17) spaces throughout the four areas identified above. Based on the site visits completed in June, the number of cars parked on the street is significantly less than the number of spaces available in both the existing and proposed conditions. The



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proposed percentage of parking utilized ranges from 2% to 32%. The following table summarizes the information collected. The accompanying exhibits show locations of parked cars on each day and how the number of spaces was calculated.

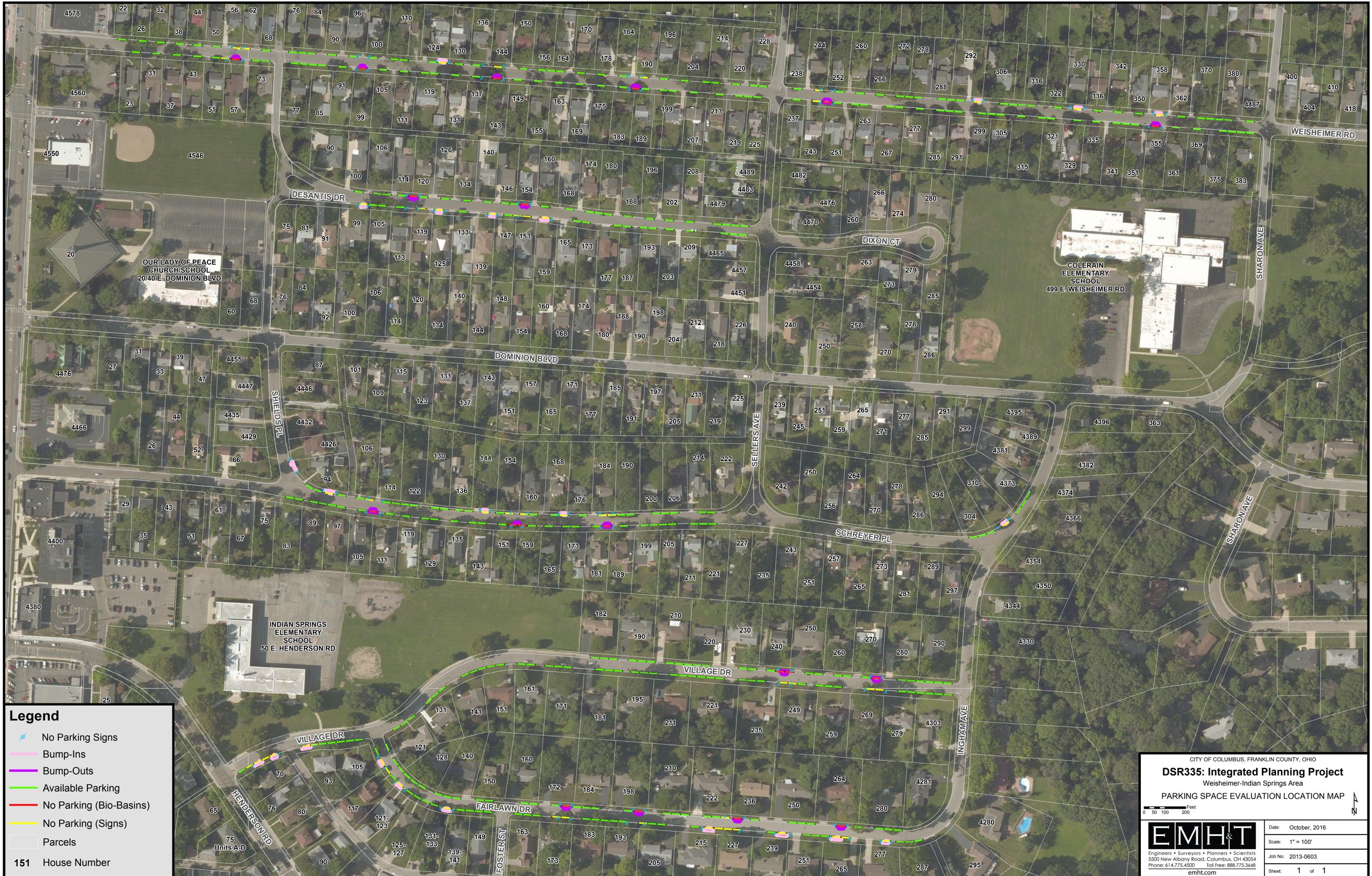
| Description | Number of Parked Cars on Specific Dates | | | | | Available Spaces | Spaces Lost From Bio-basins | Observed Peak Parking | Pre-improvement % of Parking Utilized | Post-Improvement % of Parking Utilized |
|---|---|----------------------------------|----------------------------------|------------------------------------|------------------------------------|------------------|-----------------------------|-----------------------|---------------------------------------|--|
| | Sunday, June 12, 2016 @ 9:00 am | Tuesday, June 14, 2016 @ 8:30 am | Tuesday, June 14, 2016 @ 4:30 pm | Wednesday, June 15, 2016 @ 8:30 am | Wednesday, June 15, 2016 @ 9:30 pm | | | | | |
| Weisheimer Road between High St to Shields Pl | 4 | 0 | 1 | 3 | 1 | 18 | 1 | 4 | 22.2% | 23.5% |
| Weisheimer Road Shield Pl and Sellers Ave | 6 | 5 | 5 | 5 | 2 | 56 | 3 | 6 | 10.7% | 11.3% |
| Weisheimer Road between Sellers Ave to Sharon Ave | 5 | 2 | 6 | 7 | 10 | 58 | 2 | 10 | 17.2% | 17.9% |
| Desantis Drive between Shields Drive and Sellers Avenue | 7 | 3 | 7 | 5 | 6 | 48 | 2 | 7 | 14.6% | 15.2% |
| Schreyer Place between Shields Drive and Sellers Avenue | 7 | 6 | 7 | 8 | 9 | 63 | 3 | 9 | 14.3% | 15.0% |
| Ingham between 304 Schreyer and 4437 Ingham | 1 | 1 | 1 | 1 | 1 | 7 | 0 | 1 | 14.3% | 14.3% |
| Village Drive Between Henderson Rd and Fairlawn Dr | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 0% | 0% |
| Village Drive between Fairlawn Dr and Ingham Ave | 4 | 2 | 2 | 2 | 3 | 72 | 2 | 4 | 5.6% | 5.7% |
| Fairlawn Drive Between Village Dr and Foster Dr | 8 | 3 | 8 | 0 | 0 | 25 | 0 | 8 | 32.0% | 32.0% |
| Fairlawn Drive between Foster Dr and Ingham Ave | 0 | 1 | 0 | 0 | 1 | 54 | 4 | 1 | 1.9% | 2.0% |



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After review from Department of Public Service we were required to add no parking signs throughout the project area. These signs increased the number of spaces lost by this project from 17 to 72. The following is a summary of the lost parking with the proposed no parking signs. The proposed percentage of parking utilized ranges from 2.6% to 38.1%. There still appears to be sufficient parking spaces available for the project area based on the observed parking count.

| Description | Number of Parked Cars on Specific Dates | | | | | Available Spaces | Spaces Lost From Bio-basins and No Parking Signs | Observed Peak Parking | Pre-improvement % of Parking Utilized | Post-Improvement % of Parking Utilized |
|---|---|----------------------------------|----------------------------------|------------------------------------|------------------------------------|------------------|--|-----------------------|---------------------------------------|--|
| | Sunday, June 12, 2016 @ 9:00 am | Tuesday, June 14, 2016 @ 8:30 am | Tuesday, June 14, 2016 @ 4:30 pm | Wednesday, June 15, 2016 @ 8:30 am | Wednesday, June 15, 2016 @ 9:30 pm | | | | | |
| Weisheimer Road between High St to Shields Pl | 4 | 0 | 1 | 3 | 1 | 18 | 4 | 4 | 22.2% | 28.6% |
| Weisheimer Road Shield Pl and Sellers Ave | 6 | 5 | 5 | 5 | 2 | 56 | 6 | 6 | 10.7% | 12.0% |
| Weisheimer Road between Sellers Ave to Sharon Ave | 5 | 2 | 6 | 7 | 10 | 58 | 7 | 10 | 17.2% | 19.6% |
| Desantis Drive between Shields Drive and Sellers Avenue | 7 | 3 | 7 | 5 | 6 | 48 | 9 | 7 | 14.6% | 17.9% |
| Schreyer Place between Shields Drive and Sellers Avenue | 7 | 6 | 7 | 8 | 9 | 63 | 12 | 9 | 14.3% | 17.6% |
| Ingham between 304 Schreyer and 4437 Ingham | 1 | 1 | 1 | 1 | 1 | 7 | 1 | 1 | 14.3% | 16.7% |
| Village Drive Between Henderson Rd and Fairlawn Dr | 0 | 0 | 0 | 0 | 0 | 12 | 6 | 0 | 0% | 0% |
| Village Drive between Fairlawn Dr and Ingham Ave | 4 | 2 | 2 | 2 | 3 | 72 | 7 | 4 | 5.6% | 6.2% |
| Fairlawn Drive Between Village Dr and Foster Dr | 8 | 3 | 8 | 0 | 0 | 25 | 4 | 8 | 32.0% | 38.1% |
| Fairlawn Drive between Foster Dr and Ingham Ave | 0 | 1 | 0 | 0 | 1 | 54 | 16 | 1 | 1.9% | 2.6% |



Legend

-  No Parking Signs
-  Bump-Ins
-  Bump-Outs
-  Available Parking
-  No Parking (Bio-Basins)
-  No Parking (Signs)
-  Parcels
- 151** House Number

CITY OF COLUMBUS, FRANKLIN COUNTY, OHIO

DSR335: Integrated Planning Project
Weisheimer-Indian Springs Area

PARKING SPACE EVALUATION LOCATION MAP





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|--|---------------------|
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| | Job No: 2013-0603 |
| | Sheet: 1 of 1 |