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PLANNING . ENGINEERING . INFORMATION TECHNOLOGY

MEMORANDUM

TO: Citizens for Responsible Development

FROM: Joe Mehra, PE, PTOE

SUBJECT: ZC Case No. 16-23, The Lady Bird

DATE: January 24, 2019

JOB: J-897

At your request we have conducted the vehicle trip generation that the proposed project would generate on a daily basis. The tables on the attachment show daily trip computations based off trip generation equations from the ITE Trip Generation Manual (9th Edition) for the apartment building, townhouses and grocery proposed for the Superfresh site. Table 1 assumes the size of the grocery store as being 13,600 sq. ft. while Table 2 assumes the grocery store's size is 20,535 sq. ft.

Please contact me if you have any questions.

| Table 1 | | | | | |
|----------|-----------------------------------|--------------|------------------------------|-------------|----------------------------------|
| ITE Code | Land Use Type | Size | Equation | Daily Trips | 90% Auto Mode Share ¹ |
| 220 | Residential | 214 DU | $T = 6.06(X) + 123.56$ | 1420 | 1278 |
| 230 | Residential Condominium/Townhouse | 5 DU | $\ln(T) = 0.87\ln(X) + 2.46$ | 47 | 42 |
| 850 | Supermarket (grocery store) | 13,600 sq ft | $T = 66.95(X) + 1391.56$ | 2303 | 2073 |
| Total | | | | | 3393 |

¹ As assumed by Gorove/Slade

| Table 2 | | | | | |
|----------|-----------------------------------|--------------|------------------------------|-------------|----------------------------------|
| ITE Code | Land Use Type | Size | Equation | Daily Trips | 90% Auto Mode Share ¹ |
| 220 | Residential | 214 DU | $T = 6.06(X) + 123.56$ | 1420 | 1278 |
| 230 | Residential Condominium/Townhouse | 5 DU | $\ln(T) = 0.87\ln(X) + 2.46$ | 47 | 42 |
| 850 | Supermarket (grocery store) | 20,535 sq ft | $T = 66.95(X) + 1391.56$ | 2767 | 2490 |
| Total | | | | | 3811 |

¹ As assumed by Gorove/Slade



Trip Generation

Exhibit