

City of MARYLAND HEIGHTS

| То: | PLANNING COMMISSION |
|----------|---------------------------|
| FROM: | HILARY PERKINS, PLANNER |
| SUBJECT: | WESTPORT LOGISTICS CENTER |
| DATE: | November 04, 2020 |

On October 21, 2020, staff completed a report and draft ordinance for the above-referenced project. The purpose of the report and draft ordinance was to vote on the proposed zoning change from NU-Non Urban to PD-M Planned District Manufacturing at the October 27, 2020 Planning Commission meeting. The report and ordinance were based on a Preliminary Development Plan prepared by Stock & Associates Consulting Engineers, LLC dated August 17, 2020 and a Traffic Impact Study prepared by the Lochmueller Group, dated October 19, 2020. The report and draft ordinance were transmitted via email to the project's partners and Stock & Associates on the same day as the draft documents were completed.

On the morning of October 27, 2020 the applicant submitted comments on the draft ordinance, as well as a revised site plan. The updated site plan reduced the total number of buildings from seven to six. The new plan also reduced the total square footage to 1,379,200 (from 1,420,000) and the total number of parking spaces to 1,270 (from 1,420). The applicant proposes 250 trailer parking stalls.

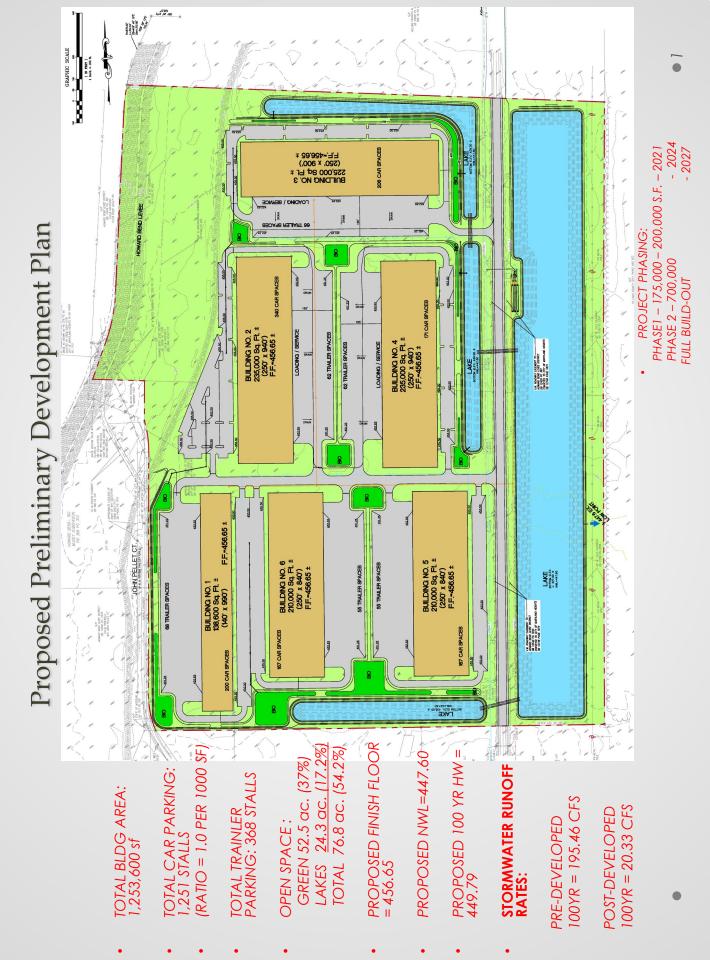
Notably, the new plan proposes to create a new lake on the east side of River Valley Drive for stormwater management. Including the new lake, the new plan increases the amount of open space at the site from 30% to 53.8%.

Staff also concurred with the written comments provided by Stock & Associates on the draft ordinance, adding that the new lake should be designed to mimic natural processes to the extent practical and that no parking would be permitted on the east side of River Valley Drive. We were able to distribute the revised draft ordinance to the Planning Commission in strike and delete format at the beginning of the meeting that evening.

Based on the revised site plan, the impact to traffic was unclear at the time. The Planning and Zoning Commission elected to hold the public hearing open until the issue could be addressed. Since there will no longer be buildings on the east side of the site, the revised site plan reduced the number of access points for auto and truck traffic from six to three, on the west side only. While the total square footage of the development has varied over time, the updated traffic analysis indicated that the increase in traffic represents a nominal increase as compared to the original development plan.

Overall, the revised traffic study concluded that the site as proposed would satisfactorily accommodate the proposed Westport West development. There is not a need for dedicated right turn lanes on River Valley Drive.

Attached please find the revised site plan, the updated Traffic Information Study, and the draft ordinance.





November 3, 2020

Mr. Michael Towerman Mr. Bobby Klucker TriStar Companies 12647 Olive Boulevard #510 Saint Louis, MO 63141

RE: Traffic Impact Study - Addendum Westport West Maryland Heights, MO 520-0044-0TE

Dear Mr. Towerman and Mr. Klucker:

In accordance with your request, Lochmueller Group has completed an addendum to the previously completed Traffic Impact Study pertaining to the Westport West development in Maryland Heights, Missouri.

The updated site plan includes 1.38 MSF of office distribution (225 KSF) and light industrial (1.154 MSF) uses. This represents an increase of 86,900 SF from the originally proposed site plan, as presented in the *Westport West Traffic Impact Study*, dated October 19, 2020, which included 1.22 MSF of office distribution (225 KSF) and light industrial (1.067 MSF) uses.

In the October 2020 study, access to the site was provided via six site access drives along both the west and east sides of River Valley Drive. However, the updated site plan provides access to the site via three driveways along the west side only of River Valley Drive. An updated site plan, dated October 30, 2020 is provided in **Figure 1**.

The purpose of this addendum was to identify how much traffic would be generated by the additionally proposed square footage, determine the impact of the additional trips on the site's three unsignalized access drives, and determine whether the currently planned access improvements (resulting from the October 2020 study) will be sufficient to accommodate the revised development plan. The following scenarios were evaluated, which are consistent with those analyzed in the Traffic Impact Study:

- 2021 Forecasted (Base + 175,000 SF)
- 2024 Forecasted (Base + Background Growth + 700,000 SF)
- 2027 Forecasted (Base + Background Growth + 1.38 MSF)
- 2040 Forecasted Conditions (Background Growth + full development)

Conditions were again evaluated during the morning and evening peak periods for a typical weekday since these periods represent the busiest times for the adjacent roadways as well as the proposed uses. If the Westport West development traffic can be accommodated during these peak periods, it stands to reason that adequate capacity would be available throughout the remainder of the day.

> **411 North 10th Street, Suite 200 St. Louis, Missouri 63101** PHONE: 314.621.3395

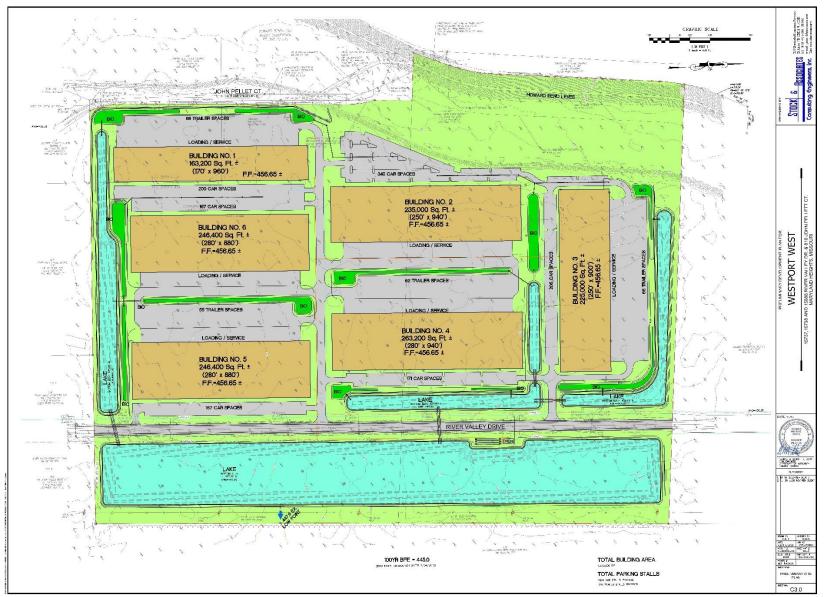


Figure 1. Westport West Site Plan (provided by others)

Trip Generation

As previously stated, the Westport West development increased from its previously proposed 1.292 MSF of office distribution and light industrial uses to 1.38 MSF. The site will be developed in stages and as such, the trip generation has been broken down by each phase and its associated year. The site-generated traffic volumes for the Westport West development were estimated using data provided in the Institute of Transportation Engineers (ITE) <u>Trip Generation Manual</u>, 10th Edition utilizing gross floor area (GFA) as the determining variable. Land Use 130: Industrial Park was utilized for the calculations, as discussed during the scoping meeting with the respective agencies.

The forecasted trips that would be generated by the revised development plan are summarized in **Table 1**. In addition, Table 1 also compares the revised trip generation to that originally presented in October 2020 for 1.292 MSF of Industrial Park. As shown, the revised Westport West development would generate a total of approximately 35 additional trips during the weekday morning and evening peak hours, respectively, upon completion.

| Year | Land Use | l Init | Size | Weekday AM Peak Hour | | | Weekday PM Peak Hour | | |
|-------------------------------|--------------------------|---------|-------|-------------------------|-----|-------|-------------------------|-----|-------|
| | | | (KSF) | In | Out | Total | In | Out | Total |
| Phase 1: 2021 | Industrial Park (130) | 1000 SF | 175 | 57 | 13 | 70 | 15 | 55 | 70 |
| Phase 2: 2024 | Industrial Park (130) | 1000 SF | 525 | 170 | 40 | 210 | 44 | 166 | 210 |
| Phase 3: 2027 | Industrial Park (130) | 1000 SF | 679 | 220 | 52 | 272 | 57 | 215 | 272 |
| November 2020 Addendum Total | | 1,379 | 447 | 105 | 552 | 116 | 436 | 552 | |
| October 2020 TIS Total | | 1,292 | 419 | 98 | 517 | 109 | 408 | 517 | |
| Difference in Trip Generation | | 87 | 28 | 7 | 35 | 7 | 28 | 35 | |

Table 1. Revised Westport West Trip Generation Estimate

Heavy Truck Trip Generation

In order to determine the forecasted heavy truck distribution and percentages for the Westport West development, the estimates were based on the Truck Trip Generation Data Plots provided in the Supplement to the Institute of Transportation Engineers (ITE) <u>Trip Generation Manual</u>, 10th Edition. In this case, Land Use 130: Industrial Park was again utilized. Throughout the day, per ITE's data, approximately 57% of an industrial park's traffic is attributable to heavy vehicles, i.e., trucks. However, during the peak hours when shift changes for employees typically occur and peak traffic volumes are at their highest, the percentage of truck traffic equates to approximately 4% per hour.

Based upon the ITE data, the forecasted truck percentages that would be generated by the revised development are summarized in **Table 2**. As shown, the revised Westport West Development would generate a total of approximately 55 truck trips during each the weekday morning and evening peak hours, respectively, upon full build out. This is a minor increase of three trucks per peak hour as compared to the original October 2020 study. The reader is reminded that these trucks are included in the total traffic generation estimates provided in Table 1. Table 2 simply identifies the truck only trip generation numbers.

| Table 2. Revised Westport West Huck Hame Estimate | | | | | | | | | |
|---|------------------------------|---------|-------|-------------------------|-----|-------|-------------------------|-----|-------|
| Year | Land Use | Unit | Size | Weekday AM Peak Hour | | | Weekday PM Peak Hour | | |
| | | (KSF) | | In | Out | Total | In | Out | Total |
| Phase 1: 2021 | Industrial Park (130) | 1000 SF | 175 | 3 | 4 | 7 | 3 | 4 | 7 |
| Phase 2: 2024 | Industrial Park (130) | 1000 SF | 525 | 9 | 12 | 21 | 8 | 13 | 21 |
| Phase 3: 2027 | Industrial Park (130) | 1000 SF | 679 | 12 | 15 | 27 | 10 | 17 | 27 |
| Nove | November 2020 Addendum Total | | 1,379 | 24 | 31 | 55 | 21 | 34 | 55 |
| October 2020 TIS Total | | 1,292 | 23 | 29 | 52 | 20 | 32 | 52 | |
| Difference in Truck Trip Generation | | | 87 | 1 | 2 | 3 | 1 | 2 | 3 |

Directional Distribution

The site's trip generation was assigned to the study area roadways in accordance with the October 2020 study's anticipated directional distribution that reflects prevailing traffic patterns as well as the anticipated market area for the proposed development. Given the industrial nature of the development, it is anticipated that the majority of the site's traffic would be destined to and from Interstate 70 (I-70) and Page Avenue (Route 364), which also provides access to Interstate 270 (I-270).

The proposed directional distribution percentages for site generated new trips are presented in **Table 3** and illustrated in **Figure 2**.

| To/From | Percentage |
|--|------------|
| North on MO 141 | 55% |
| South on MO 141 | 40% |
| East on 364/Page | 25% |
| West on 364/Page | 15% |
| South on Hog Hollow Road | 3% |
| East on River Valley Drive from Hog Hollow | 2% |

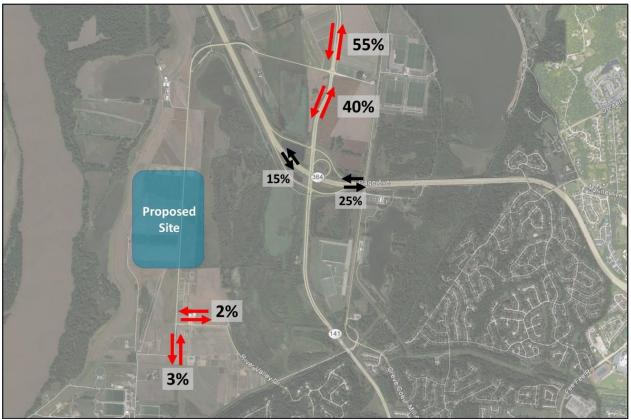


Figure 2. Directional Distribution for Westport West Development

Access to Westport West Development

As shown in Figure 1, the proposed site plan was modified so that all of the proposed buildings would be located to the west of River Valley Drive. A total of six buildings would be provided and would be served via three proposed driveways (identified in future figures as Drives #1, #2 and #3, north to south).

In order to determine the amount of traffic expected to travel within each of the proposed site entrance, the composition of the site was broken down by building. It was assumed that the proposed square footage accessible through each site entrance would proportionally relate to the amount of traffic entering and exiting through the site entrance. **Table 4** below shows the proposed square footage of each building and the percent of vehicles expected to access each building.

| Site Entrance | October 2020 Proposed Square Footage | November 2020 Addendum Proposed Square Footage | Percent Accessing Site |
|---------------|---|--|------------------------|
| Building 1 | 240,000 | 163,200 | 12% |
| Building 2 | 225,000 | 235,000 | 17% |
| Building 3 | 184,800 | 225,000 | 16% |
| Building 4 | 118,750 | 263,200 | 19% |
| Building 5 | 118,750 | 246,400 | 18% |
| Building 6 | 202,500 | 246,400 | 17% |
| Building 7 | 202,500 | - | - |
| Total | 1,292,300 | 1,379,200 | 100% |

Table / Cite A Distrikuti

Recommended Site Improvements

The October 2020 Traffic Impact Study recommended improvements to support the proposed Westport West development. It was recommended that these improvements be implemented prior to 175,000 SF of Westport West becoming fully operational, which is anticipated by the end of 2021.

The following improvements were recommended and approved by the review agencies:

- Widen west leg of River Valley Drive to provide an additional lane approaching MO 141;
- Stripe the widened eastbound approach to provide a dedicated left turn lane, a shared left/through ٠ lane, and a dedicated right turn lane;
- Restripe the southbound MO 141 dedicated right turn lane to provide a shared through/right turn ٠ lane;
- Modify the traffic signal's phasing to provide split phasing for River Valley Drive approaches. •

Given the introduction of truck traffic to this section of River Valley Road, it would be prudent for the City of Maryland Heights and the developers of Westport West to discuss the feasibility of restriping the shoulder, which has ample width, to accommodate a designated bike lane. However, this project should be undertaken in its entirety and not just adjacent to the proposed development.

2021 Forecasted Operating Conditions

The forecasted operating conditions following Phase 1 (175,000 SF) of the Westport West development were evaluated using Synchro 10 for capacity analysis of all signalized and unsignalized intersections. It was determined that since the increase in traffic due to the expanded site is minor, that only the three newly proposed site access drives would be reanalyzed. The site generated traffic volumes associate with Phase 1 of the partial build-out of the Westport West Development are shown in Figure 3. The 2021 forecasted traffic volumes including Phase 1 of the Westport West are shown in Figure 4.

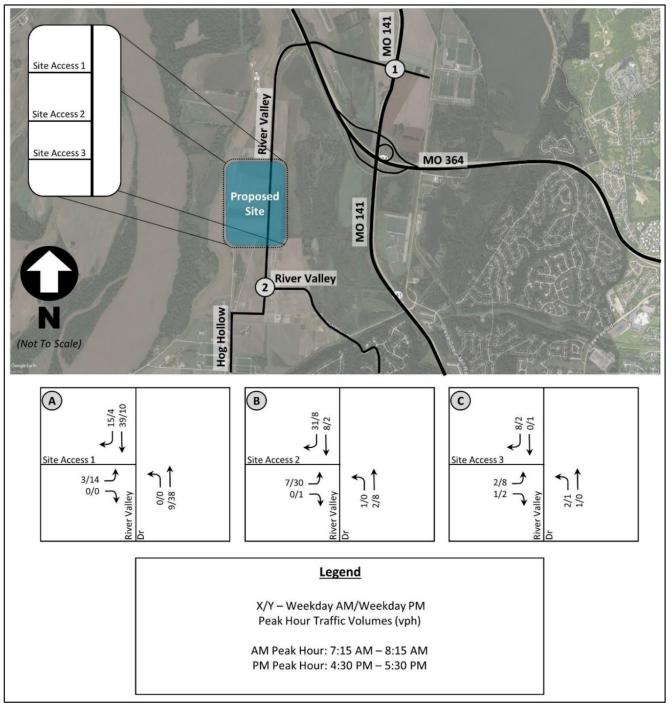


Figure 3. 2021 Phase 1 Site Generated Volumes

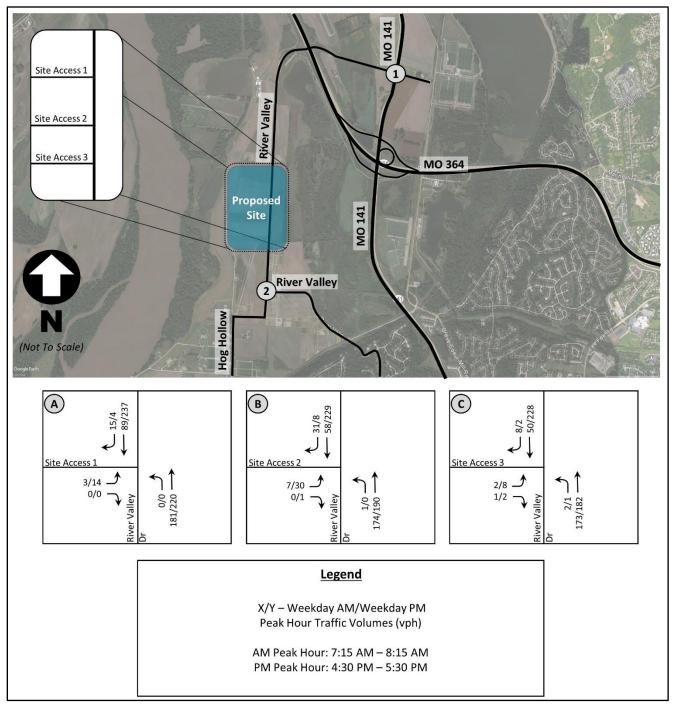


Figure 4. 2021 Phase 1 Forecasted Traffic Volumes

Table 5 summarizes the revised 2021 forecasted operating conditions at the three access drives that reflect the addition of the traffic generated by Phase 1 of the revised Westport West Development. As shown, all three of the proposed site access drives are expected to operate favorably. The volume to capacity ratios are all below 0.06 which indicate that there is ample capacity even with three site access drives rather than the originally proposed six access drives. The LOS for each approach is B or better and queue lengths are less than one vehicle.

| Intersection & Movements | LOS (Delay, sec) [Max Queue Length, feet] <v c="" ratio=""></v> | | | | |
|---------------------------------------|---|-----------------------|--|--|--|
| Intersection & Movements | AM Peak Hour | PM Peak Hour | | | |
| River Valley Drive & Site Access 1 (u | nsignalized) | | | | |
| Eastbound Approach | B (10.3) [<25] <0.01> | B (12.0) [<25] <0.03> | | | |
| Northbound Left | A (0.0) [<25] <0.00> | A (0.0) [<25] <0.00> | | | |
| River Valley Drive & Site Access 2 (u | insignalized) | | | | |
| Eastbound Approach | B (10.1) [<25] <0.01> | B (11.8) [<25] <0.06> | | | |
| Northbound Left | A (7.4) [<25] <0.00> | A (0.0) [<25] <0.00> | | | |
| River Valley Drive & Site Access 3 (u | River Valley Drive & Site Access 3 (unsignalized) | | | | |
| Eastbound Approach | A (9.5) [<25] <0.00> | B (11.1) [<25] <0.02> | | | |
| Northbound Left | A (7.3) [<25] <0.00> | A (7.3) [<25] <0.00> | | | |

Table 5. 2021 Build Traffic Operating Conditions

2024 Forecasted Operating Conditions

The forecasted operating conditions following Phase 2 (700,000 SF) of the revised Westport West Development were evaluated using the same methodology applied to Year 2021 conditions. Again, Synchro 10 was used for capacity analysis of all signalized and unsignalized intersections. The site generated traffic volumes associate with Phase 2 of the partial build-out of the revised Westport West Development are shown in **Figure 5**. The 2024 forecasted traffic volumes, which account for the traffic generated by both Phase 1 and 2 of the development, are shown in **Figure 6**.

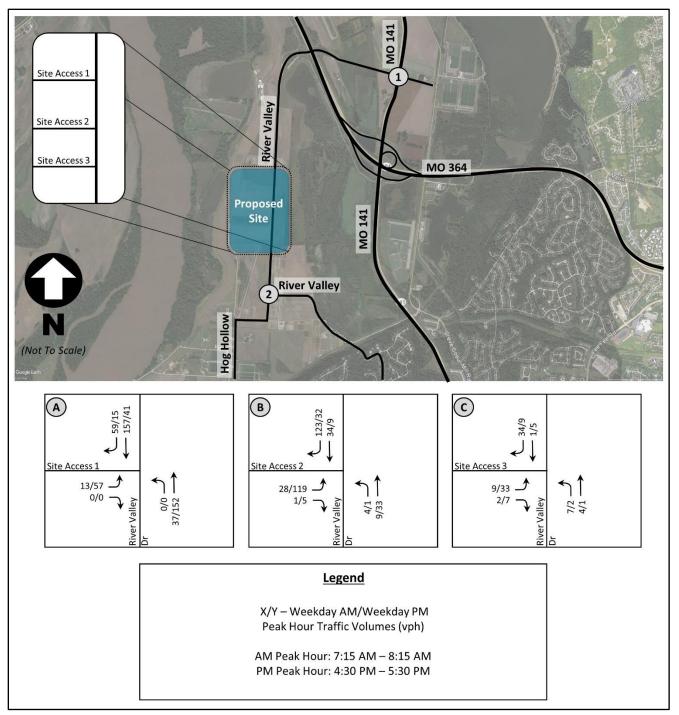


Figure 5. 2024 Phase 2 Site Generated Volumes

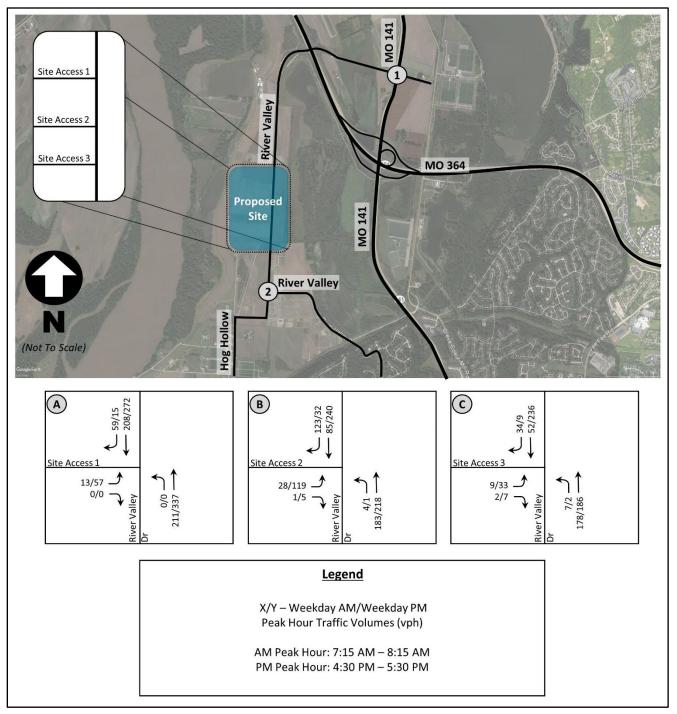


Figure 6. 2024 Phase 2 Forecasted Traffic Volumes

Table 6 summarizes the revised 2024 forecasted operating conditions that reflect the addition of the traffic generated by Phase 2 of the revised Westport West Development. As shown, all three of the proposed site entrances are expected to operate favorably. The volume to capacity ratios are all below 0.26 which indicate that there is still ample capacity even with three site access drives rather than the originally proposed six access drives. The LOS for each approach is C or better and queue lengths are less than one vehicle.

| Intersection & Movements | LOS (Delay, sec) [Max Queue Length, feet] <v c="" ratio=""></v> | | | |
|---|---|-----------------------|--|--|
| Intersection & Movements | AM Peak Hour | PM Peak Hour | | |
| River Valley Drive & Site Access 1 (u | insignalized) | | | |
| Eastbound Approach | B (11.9) [<25] <0.03> | C (15.1) [<25] <0.15> | | |
| Northbound Left | A (0.0) [<25] <0.00> | A (0.0) [<25] <0.00> | | |
| River Valley Drive & Site Access 2 (u | ınsignalized) | | | |
| Eastbound Approach | B (11.0) [<25] <0.05> | B (14.3) [<25] <0.26> | | |
| Northbound Left | A (7.7) [<25] <0.00> | A (7.9) [<25] <0.00> | | |
| River Valley Drive & Site Access 3 (unsignalized) | | | | |
| Eastbound Approach | A (9.9) [<25] <0.02> | B (11.7) [<25] <0.08> | | |
| Northbound Left | A (7.4) [<25] <0.01> | A (7.8) [<25] <0.00> | | |

Table 6. 2024 Build Traffic Operating Conditions

2027 Forecasted Operating Conditions

The forecasted operating conditions following full build-out (1.379 SF) of the revised Westport West Development were evaluated using the same methodology applied to previous scenarios. Again, Synchro 10 was used for capacity analysis of all signalized and unsignalized intersections. The site generated traffic volumes associate with Phase 3 of the full build-out of the revised Westport West Development are shown in **Figure 7**. The 2027 forecasted traffic volumes, which account for the traffic generated by both Phase 1 and 2 of the development, are shown in **Figure 8**.

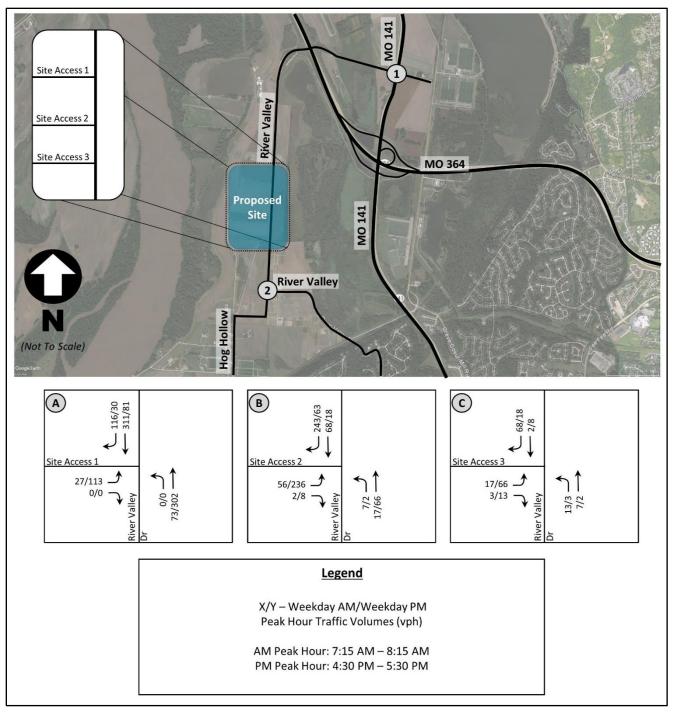


Figure 7. 2027 Phase 3 Site Generated Volumes

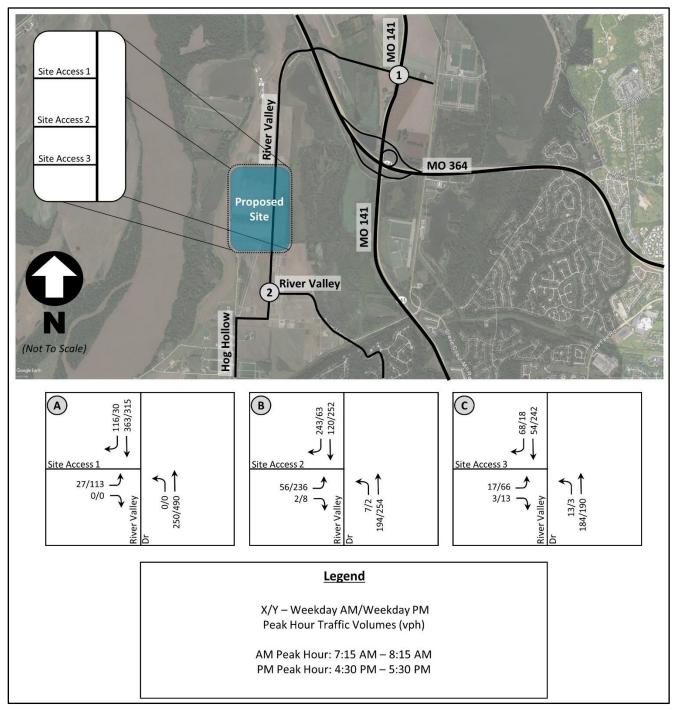


Figure 8. 2027 Phase 3 Forecasted Traffic Volumes

Table 7 summarizes the 2027 forecasted operating conditions that reflect the addition of the traffic generated by Phase 3 of the Westport West Development. As shown, all three of the proposed site entrances are expected to operate favorably. The volume to capacity ratios are all below 0.56 which indicate that there is still ample capacity even with three site access drives rather than the originally proposed six access drives. The LOS for each approach is C or better. Queue lengths do reach approximately four vehicles along the eastbound approach of Site Access 2; however the operating conditions overall are still favorable. When peak queue lengths are realized, the internal access to Building No. 5 would be temporarily obstructed. However, given the reasonable delays and low volume to capacity ratios, it is anticipated that this would be an infrequent and short-lived occurrence.

| Intersection & Movements | LOS (Delay, sec) [Max Queue Length, feet] <v c="" ratio=""></v> | | | | |
|---------------------------------------|---|-----------------------|--|--|--|
| Intersection & Movements | AM Peak Hour | PM Peak Hour | | | |
| River Valley Drive & Site Access 1 (u | ınsignalized) | | | | |
| Eastbound Approach | C (15.1) [<25] <0.08> | C (24.0) [45] <0.40> | | | |
| Northbound Left | A (0.0) [<25] <0.00> | A (0.0) [<25] <0.00> | | | |
| River Valley Drive & Site Access 2 (u | ınsignalized) | | | | |
| Eastbound Approach | B (12.6) [<25] <0.12> | C (21.9) [85] <0.56> | | | |
| Northbound Left | A (8.1) [<25] <0.01> | A (8.0) [<25] <0.00> | | | |
| River Valley Drive & Site Access 3 (u | River Valley Drive & Site Access 3 (unsignalized) | | | | |
| Eastbound Approach | B (10.4) [<25] <0.03> | B (12.5) [<25] <0.15> | | | |
| Northbound Left | A (7.5) [<25] <0.01> | A (7.8) [<25] <0.00> | | | |

Table 7. 2027 Build Traffic Operating Conditions

Lastly, the need for a dedicated right turn lane on River Valley Drive at Site Access 2 was considered given the right turn volume at this drive would exceed 200 vph. A dedicated turn lane was not necessary from a capacity perspective, as demonstrated with the acceptable conditions presented above. However, MoDOT's Access Management Guidelines (AMG) criteria for an auxiliary lane along a two-lane roadway was considered since the City of Maryland Heights does not have specific warrants for auxiliary lanes of their own. MoDOT's guidelines consider auxiliary lanes an asset in promoting safety and improved traffic flow since separate turn lanes are intended to remove turning vehicles from the through lanes to reduce the potential for rear-end collisions. At its peak, the right turn volume from River Valley Drive at Site Access 2 is 243 vehicles, with 120 vehicles continuing south on River Valley Drive. Utilizing these Build traffic volumes and the right-turn lane volume nomograph provided by MoDOT, a separate southbound right turn lane is NOT warranted on River Valley Drive at Site Access 2. For these reasons, a dedicated southbound right turn lane is not recommended along River Valley Drive.

2040 Forecasted Operating Conditions

The forecasted operating conditions for the 2040 horizon year assuming full build-out (1.379 SF) of the revised Westport West Development were evaluated using the same methodology applied to previous scenarios. Again, Synchro 10 was used for capacity analysis of all signalized and unsignalized intersections. The 2040 scenario includes the site generated volumes for the full build-out of Westport West in addition to 20-years of background growth as shown in **Figure 9**.

Table 8 summarizes the 2040 forecasted operating conditions that reflect the addition of the traffic generated by build out of the Westport West Development as well as 20 years of background growth. As shown, all three of the proposed site entrances are expected to operate favorably. The volume to capacity ratios are all below 0.58 which indicate that there would be ample capacity even with three site access drives rather than the originally proposed six access drives.

<u>Therefore, it can reasonably be concluded that the three proposed site access drives can adequately</u> accommodate the 1.379 SF Westport West development.

| Intersection & Movements | LOS (Delay, sec) [Max Queue Length, feet] <v c="" ratio=""></v> | | | | |
|---------------------------------------|---|-----------------------|--|--|--|
| intersection & Movements | AM Peak Hour | PM Peak Hour | | | |
| River Valley Drive & Site Access 1 (u | insignalized) | | | | |
| Eastbound Approach | C (15.3) [<25] <0.08> | D (25.2) [48] <0.41> | | | |
| Northbound Left | A (0.0) [<25] <0.00> | A (0.0) [<25] <0.00> | | | |
| River Valley Drive & Site Access 2 (u | ınsignalized) | | | | |
| Eastbound Approach | B (12.8) [<25] <0.12> | C (23.1) [90] <0.58> | | | |
| Northbound Left | A (8.2) [<25] <0.01> | A (8.0) [<25] <0.00> | | | |
| River Valley Drive & Site Access 3 (u | River Valley Drive & Site Access 3 (unsignalized) | | | | |
| Eastbound Approach | B (10.5) [<25] <0.03> | B (12.8) [<25] <0.16> | | | |
| Northbound Left | A (7.5) [<25] <0.01> | A (7.9) [<25] <0.00> | | | |

Table 8. 2040 Build Traffic Operating Conditions

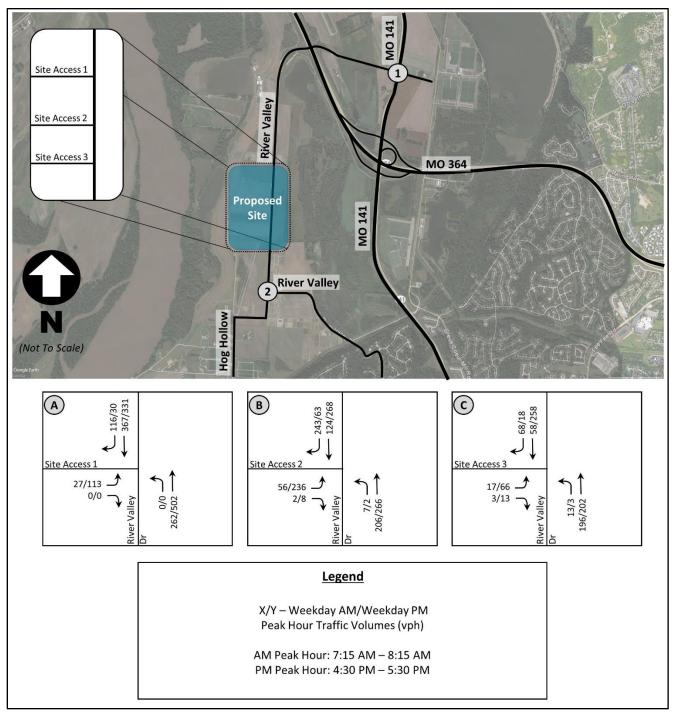


Figure 9. 2040 Forecasted Traffic Volumes

Conclusions

Based on the preceding discussion, the following may be concluded regarding the revised Westport West development:

- Since the completion of the original Traffic Impact Study in October 2020, the Westport West development's plans have changed. Specifically, the site has increased by 86,900 SF, resulting in a total 1.38 MSF of office distribution (225 KSF) and light industrial (1.154 MSF) uses. In addition, three site access drives are proposed along the west side of River Valley Drive as opposed to the previously proposed six access drives along either side of River Valley Drive.
- 2. The proposed addition of 86,900 of industrial space would be expected to generate a total of approximately 35 trips during the morning and evening peak hours, respectively. This represents a *nominal increase in traffic* as compared to the original development plan.
- 3. Each of the previously proposed improvements detailed in the October 2020 study are still appropriate.
- 4. Overall, it was concluded that the site as proposed would satisfactorily accommodate the proposed Westport West development.

If you have any questions or comments concerning this report, please do not hesitate to contact our office at your convenience.

Sincerely,

Lochmueller Group, Inc.

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Julie M Nolfo, PE, PTOE Project Liaison

Recommendation of Planning Commission

BILL NO.

ORDINANCE NO. 2020-DRAFT

AN ORDINANCE ENACTING A "PDM" PLANNED DISTRICT FOR APPROXIMATELY 137 ACRES OF LAND TO BE KNOWN AS WESTPORT WEST LOCATED ALONG RIVER VALLEY DRIVE AND JOHN PELLET COURT (Petition of Tristar Property Acquisitions, LLC)

WHEREAS, Public Hearings were held before the Planning Commission regarding the proposed Planned District; and

WHEREAS, the Planning Commission has found that the project is not inconsistent with the Comprehensive Plan; and

WHEREAS, the Planning Commission has found that the project will not result in substantial adverse impacts on surrounding properties if developed in accordance with the conditions of this ordinance; and

WHEREAS, the Planning Commission has recommended approval of regulatory standards to guide the use and development of the Planned District; and

WHEREAS, the City Council has reviewed the recommendation of the Commission and has determined that the proposed ordinance is in the best interest of the City.

NOW THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF MARYLAND HEIGHTS, MISSOURI, AS FOLLOWS:

Section 1: The zoning of real estate in the City of Maryland Heights for 136.7 acres of land located along River Valley Drive and John Pellet Court, as more specifically described in Exhibit "A" attached hereto, is zoned "PDM" Planned District - Manufacturing on the condition that said development is carried out in accordance with this Ordinance. This zoning shall be recorded on the Official Zoning Map of the City.

Section 2: Purpose

The purpose of this Planned District is to permit the phased and integrated development of a business park under a single master plan. It is expected that the resulting development will advance the purpose of zoning and the intent of the Comprehensive Plan by incorporating design elements that will enhance the community character, serve the needs of the business community, and provide employment opportunities. This Planned District may be constructed in phases, provided that each phase stands alone from the standpoint of transportation, stormwater management, flood control, and utilities.

Section 3: This zoning is subject to all applicable City ordinances, and the conditions that follow:

I. <u>PHASING</u>

- A. This Planned District may be developed in phases. Phase I will consist of approximately 175,000 square feet of office distribution and light industrial uses. Phase II will consist of an additional 700,000 square feet of office distribution and light industrial uses.
- B. A Final Development Plan may be submitted for Phases I and II jointly or as separate plans.

II. <u>PERMITTED AND CONDITIONAL USES</u>

- A. Permitted (P) and Conditional (C) uses shall be in accordance with the Use Matrix included as Exhibit "B" attached hereto.
- B. Review of Conditional uses shall be in accordance with Article 5, <u>Conditional Use Permits</u>, of the Zoning Code.

III. <u>FINAL DEVELOPMENT PLAN REQUIREMENTS</u>

- A. Within six (6) months of approval of this Planned District and prior to the approval of site improvement plans, the Final Development Plan shall be submitted to the City Planner for review and approval. Where due cause is shown by the applicant, the time interval may be extended by the City Planner.
- B. The Final Development Plan shall meet the requirements of Section 25-6.10, <u>Final Development</u> <u>Plan</u>, of the Zoning Code. In addition, the Final Development Plan shall contain the following information:
 - 1. A Phasing Plan, indicating the projected phasing of buildings, site improvements, and infrastructure (including stormwater management and utilities).
 - 2. A Landscaping Plan indicating the conceptual approach to landscaping on a site-wide basis.
 - 3. A Pedestrian Connectivity Plan showing a sidewalk and crosswalk network on a site-wide basis.
- C. Independent Final Development Plans may be submitted for developments in Phase I and Phase II. The Final Development Plan shall be generally consistent with the Preliminary Development Plan submitted for Application PDP20-0002. Substantial deviations are subject to the review and approval of the Planning Commission.
- D. Within fifteen (15) days from the approval of the Final Development Plan, and prior to the issuance of any building permit, the developer shall record a copy of the approved Final Development Plan, and any subsequent amendments thereto, with the St. Louis County Recorder of Deeds. Upon written request, this time period may be extended by the City Planner. Subsequent to recording, the developer shall provide the City with an electronic copy of the recorded plan.

IV. <u>SITE IMPROVEMENT PLANS SUBMITTAL REQUIREMENT</u>

- A. Site improvement plans shall be required for each phase of development for the review and approval of the City Planner and City Engineer.
- B. No building or grading permit shall be issued prior to approval of the site improvement plans for that phase.
- C. Plan review shall be in accordance with Article 4, <u>Site Plan Review</u>, of the Zoning Code.
- D. Site improvement plans shall illustrate compliance to the development requirements as set forth herein. Development shall be generally consistent with the approved Development Plan. Substantial deviations are subject to the review and approval of the Planning Commission.

E. Prior to approval of the site improvement plans, verification of any necessary approvals from the Floodplain Administrator, the Missouri Department of Transportation (MoDOT), the Metropolitan St. Louis Sewer District (MSD), the Howard Bend Levee District, the Missouri Department of Natural Resources (MoDNR), St. Louis County (as applicable) and the Monarch Fire Protection District shall be received by the City Planner.

V. <u>SPECIFIC DEVELOPMENT REQUIREMENTS</u>

- A. Access and Roadway Improvements
 - 1. Missouri Route 141
 - a. Improvements to Missouri Route 141 are subject to the review and approval of MoDOT.
 - b. Prior to issuance of an occupancy permit, the developer shall:
 - Widen the west leg of River Valley Drive to provide an additional lane approaching MO 141;
 - Stripe the widened eastbound approach to provide a dedicated left turn lane, a shared left/through lane, and a dedicated right turn lane;
 - Restripe the southbound MO 141 dedicated right turn lane to provide a shared through/right turn lane; and
 - Modify the traffic signal's phasing to provide split phasing for River Valley Drive approaches.
 - 2. River Valley Drive
 - a. Access to this development from River Valley Drive is subject to the review and approval of the City Engineer.
 - b. Prior to issuance of a building permit, the developer shall dedicate any and all necessary right-of-way, including any adjacent easements and temporary slope construction license (TSCL), the entire length of the site to establish a maximum one-hundred six (106) foot wide right-of-way for River Valley Parkway, subject to the review and approval of the City Engineer.
 - c. Prior to issuance of an occupancy permit, the developer shall provide a five (5) foot sidewalk along the west side of River Valley Drive the entire length of the frontage and a ten (10) foot sidewalk/bikeway along the east side of River Valley Drive the entire length of the frontage, subject to the review and approval of the City Engineer.
 - d. Prior to issuance of an occupancy permit, the developer shall widen River Valley Drive at Missouri Route 141 to provide an additional eastbound lane. This shall result in widening and restriping the eastbound approach to provide a dedicated left-turn lane, a shared left-turn/through lane, and a dedicated right-turn lane for the eastbound approach to Missouri Route 141, subject to the review and approval of the City Engineer and MoDOT. The developer shall be responsible for acquiring any additional right-of-way for the above improvements.
 - 3. Phase II
 - a. Prior to the issuance of a building permit for Phase II, the Developer may be required to provide an updated traffic study based on the projected buildout of the District. The scope

of the traffic analysis shall be determined by the City Engineer and MoDOT, including updated traffic information reflecting other current developments at that time.

- b. Improvements to the public rights-of-way shall be determined by review of the updated traffic study.
- c. Any roadway improvements deemed necessary shall be completed prior to issuance of an occupancy permit for Phase II.
- 4. Pedestrian Connectivity
 - a. The developer shall provide an interconnected series of sidewalks within the Planned District and connections to the larger regional trail system, subject to the review and approval of the City Planner and City Engineer.
 - b. A Pedestrian Connectivity Plan showing a sidewalk and crosswalk network on a sitewide basis shall be submitted with the Final Development Plan.
- B. <u>Development Limitations</u>
 - 1. The total gross floor area of the Planned District shall not exceed 1,500,000 square feet.
 - 2. No building shall exceed a gross floor area of 300,000 square feet.
 - 3. The minimum open space within the Planned District shall be thirty percent (30%).
- C. <u>Building Height</u> The maximum height of all buildings shall be fifty-five (55) feet.
- D. <u>Structure Setbacks</u> No new structures, except dumpster enclosures, fences, walls, light standards, signage, or other structures as otherwise approved on the site improvement plans shall be located within the following setbacks:
 - 1. River Valley Drive right-of-way thirty (30) feet.
 - 2. John Pellet Court right-of-way thirty (30) feet.
 - 3. Northern boundary of the Planned District fifty (50) feet.
 - 4. Southern boundary of the Planned District fifty (50) feet.
 - 5. Eastern boundary of the Planned District two hundred (200) feet.
 - 6. Western boundary of the Planned District subject to review and approval of the Howard Bend Levee District.
 - 7. Ten (10) feet from all other property lines.
- E. <u>Parking Setbacks</u> No parking or internal access drive, excluding points of ingress and egress, shall be located within the following setbacks.
 - 1. River Valley Drive right-of-way fifteen (15) feet.
 - 2. John Pellet Court right-of-way fifteen (15) feet.

- 3. Northern boundary of the Planned District fifteen (15) feet.
- 4. Southern boundary of the Planned District fifteen (15) feet.
- 5. No parking shall be permitted abutting the Eastern boundary of the Planned District.
- 6. Western boundary of the Planned District subject to review and approval of the Howard Bend Levee District.
- F. <u>Building Design</u> Buildings shall be designed in accordance with Article 13, <u>Building Design</u> <u>Standards</u>, of the Zoning Code, subject to the review and approval of the City Planner prior to issuance of a building permit, additionally:
 - 1. To the maximum extent practical, incorporate design measures such as low-reflectivity glass, exterior shading, indoor window treatments, and/or other measures to prevent bird collisions with glazed surfaces, while maintaining transparency for views, daylighting, and passive environmental control.
- G. <u>Parking & Loading</u> Off-street parking and loading spaces shall be provided in accordance with Article 14, <u>Parking and Loading Regulations</u>, of the Zoning Code, additionally:
 - 1. The outside storage or parking of vehicles unrelated to the permitted uses on the site shall be prohibited.
- H. <u>Signs</u> Signs shall be in accordance with Article 15, <u>Sign Regulations</u>, of the Zoning Code.
- I. <u>Landscaping</u> Landscaping shall be provided accordance with Article 16, <u>Landscaping Design</u> <u>Standards</u>, of the Zoning Code except as follows:
 - 1. Landscaping plans for each phase of development shall be subject to the review and approval of the City Planner in conjunction with the site improvement plans for that phase.
 - 2. Said plans shall satisfy the intent and overall design goals of the Landscaping Design Standards. If the plans satisfy the intent and overall design goals, the City Planner may waive or modify the quantity of plant materials required. Disagreements with any decision made by the City Planner in this regard shall be subject to the review and approval of the Planning Commission.
 - 3. Loading areas shall be screened from public rights-of-way and Creve Coeur Lake Memorial Park to the greatest extent practical through a combination of landscaping, screen walls, and other methods as determined by the City Planner.
 - 4. The lake at the eastern portion of the site shall be designed and landscaped to mimic natural conditions.
- J. <u>Environmental Standards</u> Every use, activity, process or operation on the site shall comply with Article 17, <u>Environmental Standards</u>, of the Zoning Code.
- K. <u>Exterior Lighting</u>
 - 1. Exterior lighting shall be in accordance with Article 18, <u>Lighting Design Standards</u>, of the Zoning Code.

- 2. Lighting/photometric plans shall be submitted for review and approval in conjunction with the site improvement plan for each phase of development.
- 3. In general, lighting shall be limited to that required for adequate safety and security, subject to the review and approval of the City Planner.
- L. <u>Outdoor Storage</u> Outside storage of materials or equipment shall require a conditional permit, other than refuse or recycling placed within enclosures meeting the requirements of Section 25-25.4, <u>Screening of Outdoor Storage</u>, <u>Mechanical Equipment</u>, and <u>Utilities</u>, of the Zoning Code.

M. <u>Utilities and Mechanical Equipment</u>

- 1. Any new permanent electrical, telephone, data transmission and distribution lines shall be installed underground within the Planned District.
- 2. Pump stations, mechanical equipment, above ground utility boxes, meters, or similar items shall be screened in accordance with the provisions of Section 25-25.4, <u>Screening of Outdoor</u> Storage, Mechanical Equipment, and Above Ground Utilities, of the Zoning Code.

N. Stormwater Management and Flood Protection

- 1. Adequate provisions shall be made for stormwater management in accordance with the specifications and standards of the Howard Bend Levee District and MSD.
- 2. Prior to approval of site improvement plans for each phase, the developer shall submit documentation that any necessary easements have been granted for stormwater management or flood protection.
- 3. A Floodplain Development Permit from the City of Maryland Heights shall be required prior to approval of site improvement plans for each phase.
- 4. The developer shall demonstrate that adequate compensatory storage is provided for each phase of development, subject to the review and approval of the Floodplain Administrator and the Howard Bend Levee District.
- 5. The developer shall demonstrate that the proposed approach to stormwater management and flood control for each phase of development shall not adversely impact surrounding properties, subject to the review and approval of the Floodplain Administrator and the Howard Bend Levee District.
- O. <u>Sanitary Sewers</u> Sanitary sewer facilities shall be provided in accordance with the requirements of the Metropolitan St. Louis Sewer District.

VI. <u>MAINTENANCE</u>

- A. The buildings and site shall be maintained in accordance with the Property Maintenance Code.
- B. The landscaped areas shall be maintained in accordance with landscaping delineated on the site improvement plans. Plant materials shall be replaced or replanted as determined by annual inspection of the site by City staff.

VII. PLANNED DISTRICT LIMITATIONS

Limitations regarding failure to commence construction, abandonment, and extension of development schedule shall be in accordance with the provisions of Section 25-6.14, <u>Limitations</u>, of the Zoning Code.

VIII. <u>RIGHTS OF APPEAL</u>

In the event of a disagreement between any Developer and the City Planner and/or the City Engineer as to the criteria or conditions set forth in this ordinance and/or the Zoning Code, such disagreement shall be submitted to the Planning Commission for recommendation to the City Council, which shall make the decision on such disagreement, provided the Developer shall have the right to appeal such decision pursuant to the City of Maryland Heights Zoning Code and to pursue any other available legal or equitable remedy.

Section 4: This Ordinance shall be in full force and effect from and after its passage and approval.

PASSED BY THE CITY COUNCIL THIS _____ DAY OF _____ 2020.

MAYOR/PRESIDING OFFICER

APPROVED BY THE MAYOR THIS _____ DAY OF _____ 2020.

ATTEST:

MAYOR

CITY CLERK

EXHIBIT A - Legal Description

A parcel of land being part of a tract of land conveyed to Arthur L. Sitton Et Al. by Deed Book 6478 Page 356 and a tract of land conveyed to Kathleen K. Tuttle, Trustee by Deed Book 12294 Page 1174, all of the St. Louis County Records, located in U.S. Surveys 137 and 949 in Township 46 North, Range 4 East, of the Fifth Principal Meridian, City of Maryland Heights, St. Louis County, Missouri, and being more particularly described as follows:

Beginning at the southwest corner of a tract of land conveyed to St. Louis County Department of Parks and Recreation by Deed book 13124 Page 771, of said records, being on the North line of Lot 2 of River Valley Commerce Park, as recorded in Plat Book 354 Page 829, of said records; thence North 84 degrees 09 minutes 14 seconds West, 1,682.82 feet, along the north line of said Lot 2 and its westerly extension, to the east line of U.S. Survey 137, being the northeast corner of a tract of and conveyed to Charles and Sharon Fischer, by Deed Book 17512 Page 3247 of said records; thence North 83 degrees 37 minutes 27 seconds West, along the north line of said Fischer tract, 357.12 feet, to the east right of line of John Pellet Court, variable width, being on a curve to the right having a radius of 453.30 feet; thence the following courses and distance along east said right of way: with said curve an arc distance of 178.64 feet and a chord which bears North 04 degrees 02 minutes 15 seconds West, 177.48 feet; North 06 degrees 49 minutes 53 seconds East, 1,093.74 feet, to a curve to the left having a radius of 498.30 feet; and with said curve an arc distance of 141.66 feet and a chord which bears North 01 degrees 18 minutes 45 seconds West, 141.18, to the east line of Lot 102 of Howard Bend – Big Muddy Subdivision, as recorded in Plat Book 368 Page 310, of above said records; thence the following courses and distance along said east line of Lot 102: North 06 degrees 49 minutes 53 seconds East, 183.97 feet; North 81 degrees 39 minutes 45 seconds West, 235.55 feet; North 26 degrees 10 minutes 35 seconds East, 190.74 feet to a curve to the left having a radius of 725.00 feet; along said curve an arc distance of 212.86 feet and a chord which bears North 17 degrees 45 minutes 57 seconds East, 212.10 feet; North 09 degrees 21 minutes 19 seconds East, 828.97 feet to a curve to the right having a radius of 875.00 feet; and along said curve with an arc distance of 124.20 feet and a chord which bears North 13 degrees 26 minutes 25 seconds East, 124.10 feet, to the south line of a tract of land conveyed to Frances M. Hellwig, Trustee, by Deed Book 23606 Page 3245 of said records; thence South 81 degrees 12 minutes 51 seconds East, along the south line of said Hellwig tract, 2,170.98 feet, to the west line of said St. Louis County Department of Parks and Recreation tract; thence South 06 degrees 58 minutes 53 seconds West, 1,335.05 feet; and South 06 degrees 31 minutes 04 seconds West, 1496.78 feet along said west line to the POINT OF BEGINNING. Containing 6,168,059 square feet or 141,599 acres, more or less. According to calculations performed by Stock and Associates in October 2020.

Also and including:

A parcel of land being part of a tract of land conveyed to Arthur L. Sitton Et Al. by Deed Book 6478 Page 356, of the St. Louis County Records, located in U.S. Survey 137 in Township 46 North, Range 4 East, of the Fifth Principal Meridian, City of Maryland Heights, St. Louis County, Missouri, and being more particularly described as follows: Commencing at the southwest corner of a tract of land conveyed to St. Louis County Department of Parks and Recreation by Deed book 13124 Page 771, of said records, being on the North line of Lot 2 of River Valley Commerce Park, as recorded in Plat Book 354 Page 829, of said records; thence North 84 degrees 09 minutes 14 seconds West, 1,682.82 feet, along the north line of said Lot 2 and its westerly extension to the east line of U.S. Survey 137, being the northeast corner of a tract of and conveyed to Charles and Sharon Fischer, by Deed Book 17512 Page 3247 of said records; thence North 83 degrees 37 minutes 27 seconds West, along the north line of said Fischer tract and its westerly extension, 399.90 feet, to the west right of line of John Pellet Court, variable width, being the Point of Beginning of herein described parcel of land: thence continuing along said westerly extension, North 83 degrees 37 minutes 27 seconds West, 10.69 feet to the southwest corner of above said Sitton tract; thence North 06 degrees 49 minutes 53 East, along the west line of said Sitton tract, 32.32 feet to the above said west right of way line of John Pellet Court, being on a curve to the left having a radius of 493.30 feet; thence along said west right of way line, with said curve an arc distance of 33.96 feet and a chord which bears South 11 degrees 31 minutes 01 seconds East, 33.96 feet to the POINT OF BEGINNING. Containing 166 square feet or 0.004 acres, more or less. According to calculations performed by Stock and Associates in October 2020.



| Category | | | | Minimum Parking | |
|--------------|--------|---|---|---|--|
| | 111 | CROP PRODUCTION | | | |
| | 111191 | Oilseed and Grain Combination Farming | Р | NONE | |
| | 111192 | Oilseed and Grain Farming - Accessory Structure | Р | | |
| AGRICULTURE | 111419 | Food Crops Grown Undercover | Р | 1 space for each employee on the max. shift | |
| | 111421 | Nursery and Tree Production | Р | | |
| | 111998 | All Other Miscellaneous Crop Farming | Р | NONE | |
| | 111999 | Agricultural Related Activities | Р | | |
| | 11511 | Support Activities for Crop Production | Р | 1 space for each employee on the max. shift | |
| | 221 | UTILITIES | | | |
| | | | | | |
| | 221122 | Electric Power Generation, Transmission, and Distribution | С | | |
| ş | 221210 | Natural Gas Distribution | С | | |
| UTILITIES | 221210 | Petroleum Pressure Control and Pumping Stations | c | 1 space per employee on the max. shift, + 1 space per vehicle customarily used in operation of the use or | |
| 5 | 221310 | Water Supply and Irrigation Systems | C | stored on the premises | |
| | 221311 | Water Storage Tanks and Reservoirs | С | | |
| | 221313 | Water Pressure Control and Pumping Stations | Р | | |
| | 221321 | Sewage Pressure Control and Pumping Stations | Р | | |
| | 236 | BUILDING & DEVELOPMENT | | | |
| | 236000 | Outdoor Storage of Materials and Equipment | С | NONE | |
| | 236010 | Building and General Contractor | Р | | |
| TION | 236011 | Land Development Contractor | Р | | |
| CONSTRUCTION | 236012 | Building and General Contractor – Administrative Office | Р | | |
| CON | 23611 | Residential Building Construction | Р | 3 spaces per 1,000 sf of floor area | |
| | 236118 | Residential Remodelers | Р | | |
| | 236210 | Industrial Building Construction | Р | | |
| | 236220 | Commercial and Institutional Building Construction | Р | | |



| Category | r | | | Minimum Parking |
|--------------|--------|---|---|-------------------------------------|
| | 237 | HEAVY AND CIVIL ENGINEERING CONSTRUCTION | | |
| | 237110 | Water and Sewer Line and Related Structures Construction | С | |
| | 237120 | Oil and Gas Pipeline and Related Structures Construction | С | |
| | 237130 | Power and Communication Line and Related Structures Construction | С | |
| | 237310 | Highway, Street, and Bridge Construction | С | 3 spaces per 1,000 sf of floor area |
| | 237320 | Public Streets and Roads Garage | С | |
| | 237990 | Other Heavy and Civil Engineering Construction | С | |
| | 237991 | Other Heavy and Civil Engineering Construction - Administrative Office | Р | |
| | 238 | SPECIAL TRADE CONTRACTORS | | |
| | 238110 | Poured Concrete Foundation and Structure Contractors | Р | |
| | 238120 | Structural Steel and Precast Concrete Contractors | Р | |
| NOIT | 238130 | Framing Contractors | Ρ | |
| CONSTRUCTION | 238140 | Masonry Contractors | Ρ | |
| CONS | 238150 | Glass and Glazing Contractors | Р | |
| | 238160 | Roofing Contractors | Р | |
| | 238170 | Siding Contractors | Р | |
| | 238190 | Other Foundation, Structure, and Building Exterior Contractors | Р | |
| | 238210 | Electrical Contractors and Other Wiring Installation Contractors | Р | 3 spaces per 1,000 sf of floor area |
| | 238220 | Plumbing, Heating, and Air-Conditioning Contractors | Р | |
| | 238221 | Sheet Metal Contractors | Р | |
| | 238222 | Fire Protection and Sprinkler System Contractors | Р | |
| | 238290 | Other Building Equipment Contractors | Р | |
| | 238310 | Drywall and Insulation Contractors | Р | |
| | 238320 | Painting and Wall Covering Contractors | Р | |
| | 238330 | Flooring Contractors | Р | |
| | 238340 | Tile and Terrazzo Contractors | Р | |



| Categor | у | | | Minimum Parking |
|---------------|--------|---|---|--|
| z | 238350 | Finish Carpentry Contractors | Р | |
| | 238351 | Window and Door Installation Contractors | Р | |
| | 238352 | Garage Door Installation Contractors | Р | |
| CONSTRUCTION | 238391 | Furniture and Storage System Installers | Р | 3 spaces per 1,000 sf of floor area |
| CONST | 238910 | Site Preparation Contractors | Р | |
| | 238911 | Water Well Drilling Contractors | Р | |
| | 238990 | All Other Specialty Trade Contractors | Р | |
| | 238991 | Fence Installation Contractors | Р | |
| | 311 | FOOD PRODUCTS | | |
| | 311111 | Animal Food Manufacturing | Р | |
| | 311230 | Breakfast Cereal Manufacturing | Р | |
| | 311314 | Sugar Manufacturing | Р | |
| | 31135 | Chocolate and Confectionary Manufacturing | Р | |
| | 31141 | Frozen Food Manufacturing | Р | |
| | 311421 | Fruit and Vegetable Canning | Р | |
| Ŋ | 311422 | Specialty Canning | Р | |
| MANUFACTURING | 311423 | Dried and Dehydrated Food Manufacturing | Р | |
| ANUF/ | 3115 | Dairy Product Manufacturing | Р | 1 space per employee on the max. shift |
| Σ | 31161 | Meat Processing | Р | |
| | 311710 | Seafood Product Preparation and Packaging | Р | |
| | 3118 | Bakeries and Tortilla Manufacturing | Р | |
| | 31191 | Snack Food Manufacturing | Р | |
| | 311920 | Coffee and Tea Manufacturing | Р | |
| | 311930 | Flavoring Syrup and Concentrate Manufacturing | Р | |
| | 31194 | Seasoning and Dressing Manufacturing | Р | |
| | 311991 | Perishable Prepared Food Manufacturing | Р | |



| Categor | y | | | Minimum Parking |
|---------------|--------|--|---|--|
| | 312 | BEVERAGE & TOBACCO PRODUCT MANUFACTURING | | |
| | 31211 | Soft Drink, Water, and Ice Manufacturing | Р | |
| | 312120 | Breweries | с | 1 space per employee on the max. shift |
| | 312130 | Wineries | с | · · · · · · · · · · · · · · · · · · · |
| | 312140 | Distilleries | с | |
| | 313 | TEXTILE MILLS | | |
| | 3131 | Fiber, Yarn, and Thread Mills | Р | 1 space per employee on the max. shift |
| | 314 | TEXTILE PRODUCT MILLS | | |
| | 3141 | Textile Finishing Mills | Р | 1 space per employee on the max. shift |
| | 315 | APPAREL MANUFACTURING | | |
| | 3151 | Apparel Knitting Mills | Р | |
| SING | 3152 | Cut and Sew Apparel Manufacturing | Р | 1 space per employee on the max. shift |
| ACTUR | 315990 | Apparel Accessories and Other Apparel Manufacturing | Р | |
| MANUFACTURING | 316 | LEATHER AND ALLIED PRODUCT MANUFACTURING | | |
| 2 | 316110 | Leather and Hide Tanning and Finishing | Р | |
| | 316210 | Footwear Manufacturing | Р | 1 space per employee on the max. shift |
| | 316992 | Women's Handbag and Purse Manufacturing | Р | · · · · · · · · · · · · · · · · · · · |
| | 316998 | All Other Leather Good and Allied Product Manufacturing | Р | |
| | 321 | WOOD PRODUCT MANUFACTURING | | |
| | 3212 | Veneer, Plywood, and Engineered Wood Product Manufacturing | Р | |
| | 32191 | Millwork | Р | |
| | 321911 | Wood Window and Door Manufacturing | Р | |
| | 321912 | Cut Stock, Resawing Lumber, and Planing | Р | 1 space per employee on the max. shift |
| | 321920 | Wood Container and Pallet Manufacturing | Р | |
| | 321992 | Prefabricated Wood Building Manufacturing | Р | |
| | 321999 | All Other Miscellaneous Wood Product Manufacturing | Р | |



| Category | , | | | Minimum Parking |
|---------------|--------|---|---|--|
| | 322 | PAPER MANUFACTURING | | |
| | 32212 | Paper Mills | Р | |
| | 322130 | Paperboard Mills | Р | |
| | 32221 | Paperboard Container Manufacturing | Р | 1 space per employee on the max. shift |
| | 322220 | Paper Bag and Coated and Treated Paper Manufacturing | Р | |
| | 322230 | Stationery Product Manufacturing | Р | |
| | 322291 | Sanitary Paper Product Manufacturing | Р | |
| | 323 | PRINTING & RELATED SUPPORT ACTIVITIES | | |
| | 323111 | Commercial Printing (except Screen and Books) | Р | |
| | 323113 | Commercial Screen Printing | Р | 1 space per employee on the max. shift |
| | 323117 | Books Printing | Р | |
| RING | 323120 | Support Activities for Printing | Р | 4 spaces per 1,000 sf of floor area |
| ACTU | 325 | CHEMICAL MANUFACTURING | | |
| MANUFACTURING | 325110 | Petrochemical Chemical Manufacturing | С | |
| E | 325130 | Synthetic Dye and Pigment Manufacturing | С | |
| | 325180 | Other Basic Inorganic Chemical Manufacturing | С | |
| | 32519 | Other Basic Organic Chemical Manufacturing | С | |
| | 32521 | Resin and Synthetic Rubber Manufacturing | С | |
| | 325220 | Artificial and Synthetic Fibers and Filaments Manufacturing | С | |
| | 325320 | Pesticide and Other Agricultural Chemical Manufacturing | С | 1 space per employee on the max. shift |
| | 325411 | Medicinal and Botanical Manufacturing | Р | |
| | 325412 | Pharmaceutical Preparation Manufacturing | Р | |
| | 325510 | Paint and Coating Manufacturing | С | |
| | 325520 | Adhesive Manufacturing | С | |
| | 325611 | Soap and Other Detergent Manufacturing | С | |
| | 325620 | Toilet Preparation Manufacturing | С | |



| Category | | | | Minimum Parking |
|---------------|--------|--|---|--|
| | | | | |
| | 325910 | Printing Ink Manufacturing | Р | 1 space per employee on the max. shift |
| | 325998 | All Other Miscellaneous Chemical Product and Preparation Manufacturing | С | |
| | 326 | PLASTIC AND RUBBER PRODUCTS MANUFACTURING | | |
| | 32611 | Plastics Packaging Materials and Unlaminated Film and Sheet Manufacturing | Р | |
| | 326121 | Unlaminated Plastics Profile Shape Manufacturing | Ρ | |
| | 326130 | Laminated Plastics Plate, Sheet (except Packaging), and Shape Manufacturing | Р | |
| | 326140 | Polystyrene Foam Product Manufacturing | P | |
| | | | | 1 space per employee on the max. shift |
| | 326150 | Urethane and Other Foam Product (except Polystyrene) Manufacturing | | |
| | 326199 | All Other Plastics Product Manufacturing | Р | |
| | 326212 | Tire Retreading | С | |
| | 326220 | Rubber and Plastics Hoses and Belting Manufacturing | Ρ | |
| SING | 32629 | Other Rubber Product Manufacturing | Р | |
| ACTUR | 327 | NONMETALLIC MINERAL PRODUCT MANUFACTURING | | |
| MANUFACTURING | 327110 | Pottery, Ceramics, and Plumbing Fixture Manufacturing | Р | |
| | 327120 | Clay Building Material and Refractories Manufacturing | Ρ | |
| | 32721 | Glass and Glass Product Manufacturing | Р | 1 space per employee on the max. shift |
| | 327331 | Concrete Block and Brick Manufacturing | С | · |
| | 327332 | Concrete Pipe Manufacturing | С | |
| | 327991 | Cut Stone and Stone Product Manufacturing | С | |
| | 331 | PRIMARY METAL MANUFACTURING | | |
| | 331110 | Iron and Steel Mills and Ferroalloy Manufacturing | С | 1 space per employee on the max. shift |
| | 332 | FABRICATED METAL PRODUCT MANUFACTURING | | |
| | 33211 | Forging and Stamping | Р | |
| | 33221 | Cutlery and Handtool Manufacturing | Р | 1 space per employee on the max. shift |
| | 332312 | Fabricated Structural Metal Manufacturing | Р | |
| | 332321 | Metal Window and Door Manufacturing | Р | |



| | | - | | |
|---------------|--------|---|---|--|
| Categor | / | | | Minimum Parking |
| | 332322 | Sheet Metal Work Manufacturing | Р | |
| | 332323 | Ornamental and Architectural Metal Work Manufacturing | Р | |
| | 33243 | Metal Can, Box, and Other Metal Container Manufacturing | Р | |
| | 332510 | Hardware Manufacturing | Р | |
| | 33261 | Spring and Wire Product Manufacturing | Р | 1 space per employee on the max. shift |
| | 332710 | Machine Shops | Р | |
| | 332721 | Precision Turned Product Manufacturing | Р | |
| | 332722 | Bolt, Nut, Screw, Rivet, and Washer Manufacturing | Р | |
| | 33281 | Coating, Engraving, Heat Treating, and Allied Activities | Р | |
| | 33299 | All Other Fabricated Metal Product Manufacturing | Р | |
| | 333 | MACHINERY AND EQUIPMENT | | |
| ŊĠ | 33311 | Agricultural Implement Manufacturing | Р | |
| MANUFACTURING | 333120 | Construction Machinery Manufacturing | Р | |
| ANUFA | 333131 | Mining Machinery and Equipment Manufacturing | Р | |
| Σ | 33324 | Industrial Machinery Manufacturing | Р | |
| | 33331 | Commercial and Service Industry Machinery Manufacturing | Р | |
| | 33341 | Ventilation, Heating, Air-Conditioning, and Commercial Refrigeration Equipment Manufacturing | Р | 1 space per employee on the max. shift |
| | 33351 | Metalworking Machinery Manufacturing | Р | |
| | 33361 | Engine, Turbine, and Power Transmission Equipment Manufacturing | Р | |
| | 33391 | Pump and Compressor Manufacturing | Р | |
| | 33392 | Material Handing Equipment Manufacturing | Р | |
| | 33399 | All Other General Purpose Machinery Manufacturing | Р | |
| | 334 | COMPUTER AND ELECTRONIC PRODUCT MANUFACTURING | | |
| | 33411 | Computer and Peripheral Equipment Manufacturing | Р | |
| | 3342 | Communications Equipment Manufacturing | Р | 1 space per employee on the max. shift |
| | 33431 | Audio and Video Equipment Manufacturing | Р | |



| Category | | | | Minimum Parking |
|---------------|--------|---|---|--|
| | 33441 | Semiconductor and Other Electronic Component Manufacturing | Р | |
| | 33451 | Navigational, Measuring, Electromedical, and Control Instruments Manufacturing | Р | |
| | 334519 | Watch, Clock, and Related Part Manufacturing | Р | 1 space per employee on the max. shift |
| | 334613 | Blank Magnetic and Optical Recording Media Manufacturing | Ρ | |
| | 334614 | Software and Other Prerecorded Compact Disc, Tape, and Record Reproducing | Р | |
| | 335 | ELECTRICAL EQUIPMENT, APPLIANCE, AND COMPONENT MANUFACTURING | | |
| | 335110 | Electric Lamp Bulb and Part Manufacturing | Р | |
| | 33512 | Lighting Fixture Manufacturing | Р | |
| | 335210 | Small Electrical Appliance Manufacturing | Р | |
| | 33522 | Major Appliance Manufacturing | Р | |
| | 33531 | Electrical Equipment Manufacturing | Ρ | 1 space per employee on the max. shift |
| ŊĠ | 33591 | Battery Manufacturing | Р | |
| CTURI | 335921 | Fiber Optic Cable Manufacturing | Р | |
| MANUFACTURING | 33593 | Wiring Device Manufacturing | Р | |
| Σ | 33599 | All Other Electrical Equipment and Component Manufacturing | Р | |
| | 336 | TRANSPORTATION EQUIPMENT MANUFACTURING | | |
| | 3361 | Motor Vehicle Manufacturing | Р | |
| | 33621 | Motor Vehicle Body and Trailer Manufacturing | Р | |
| | 3363 | Motor Vehicle Parts Manufacturing | Р | 1 space per employee on the max. shift |
| | 33641 | Aerospace Product and Parts Manufacturing | Р | |
| | 336991 | Motorcycle, Bicycle, and Parts Manufacturing | Р | |
| | 337 | FURNITURE & RELATED PRODUCTS | | |
| | 337110 | Wood Kitchen Cabinet and Countertop Manufacturing | Р | |
| | 33712 | Household and Institutional Furniture Manufacturing | Р | 1 space per employee on the max. shift |
| | 33721 | Office Furniture Manufacturing | Р | |
| | 337212 | Custom Architectural Woodwork and Millwork Manufacturing | Р | |



| Category | V | | | Minimum Parking |
|-----------------|--------|--|---|---|
| | 337215 | Showcase, Partition, Shelving, and Locker Manufacturing | Р | |
| | 337910 | Mattress Manufacturing | Ρ | 1 space per employee on the max. shift |
| | 337920 | Blind and Shade Manufacturing | Р | |
| | 339 | MISCELLANEOUS MANUFACTURING | | |
| | 339112 | Surgical and Medical Instrument Manufacturing | Р | |
| | 339113 | Surgical Appliance and Supplies Manufacturing | Р | |
| | 339114 | Dental Equipment and Supplies Manufacturing | Ρ | |
| SING | 339115 | Ophthalmic Goods Manufacturing | Р | |
| MANUFACTURING | 339116 | Dental Laboratories | Р | |
| MANUF | 339910 | Jewelry and Silverware Manufacturing | Р | |
| | 339920 | Sporting and Athletic Goods Manufacturing | Р | 1 space per employee on the max. shift |
| | 339930 | Doll, Toy, and Game Manufacturing | Р | |
| | 339940 | Office Supplies (except Paper) Manufacturing | Р | |
| | 339950 | Sign Manufacturing | Ρ | |
| | 339992 | Musical Instrument Manufacturing | Ρ | |
| | 339993 | Fastener, Button, Needle, and Pin Manufacturing | Ρ | |
| | 339994 | Broom, Brush, and Mop Manufacturing | Ρ | |
| | 339995 | Burial Casket Manufacturing | Ρ | |
| | 423 | DURABLE GOODS MERCHANT WHOLESALERS | | |
| | 4231 | Motor Vehicle and Motor Vehicle Parts and Supplies Merchant Wholesalers | Р | |
| ADE | 423130 | Tire and Tube Merchant Wholesalers | Р | |
| WHOLESALE TRADE | 423210 | Furniture Merchant Wholesalers | Р | 4 spaces per 1,000 sf of floor area devoted to office use, |
| OLESA | 423220 | Home Furnishing Merchant Wholesalers | Р | + .5 spaces per 1,000 sf of floor area devoted to unce use, + .5 spaces per 1,000 sf of floor area devoted to warehousing & storage use |
| W | 423310 | Lumber, Plywood, Millwork, and Wood Panel Merchant Wholesalers | Р | |
| | 423320 | Brick, Stone, and Related Construction Material Merchant Wholesalers | Р | |
| | 423330 | Roofing, Siding, and Insulation Material Merchant Wholesalers | Р | |



| Category | | | | Minimum Parking |
|-----------------|--------|--|---|---|
| | 423410 | Photographic Equipment and Supplies Merchant Wholesalers | Р | |
| | 423420 | Office Equipment Merchant Wholesalers | Ρ | |
| | 423430 | Computer and Computer Peripheral Equipment and Software Merchant Wholesalers | Р | |
| | 423440 | Other Commercial Equipment Merchant Wholesalers | Р | |
| | 423450 | Medical, Dental, and Hospital Equipment and Supplies Merchant Wholesalers | Р | |
| | 423460 | Ophthalmic Goods Merchant Wholesalers | Р | |
| | 423490 | Other Professional Equipment and Supplies Merchant Wholesalers | Ρ | |
| | 423510 | Metal Service Centers and Other Metal Merchant Wholesalers | Р | |
| | 423610 | Electrical Apparatus and Equipment, Wiring Supplies, and Related Equipment Merchant Wholesalers | Р | |
| | 423620 | Household Appliances, Electric Housewares and Consumer Electronics Merchant Wholesalers | Р | |
| | 423710 | Hardware Merchant Wholesalers | Р | |
| DE | 423720 | Plumbing and Heating Equipment and Supplies (Hydronics) Merchant Wholesalers | Р | |
| E TRA | 423730 | Warm Air Heating and Air-Conditioning Equipment and Supplies Merchant Wholesalers | Р | 4 spaces per 1,000 sf of floor area devoted to office use, |
| WHOLESALE TRADE | 423810 | Construction and Mining (except Oil Well) Machinery and Equipment Merchant Wholesalers | Р | + .5 spaces per 1,000 sf of floor area devoted to warehousing & storage use |
| MM | 423820 | Farm and Garden Machinery and Equipment Merchant Wholesalers | P | |
| | 423830 | Industrial Machinery and Equipment Merchant Wholesalers | Р | |
| | 423840 | Industrial Supplies Merchant Wholesalers | Р | |
| | 423850 | Service Establishment Equipment and Supplies Merchant Wholesalers | Р | |
| | 423860 | Transportation Equipment and Supplies (except Motor Vehicle) Merchant Wholesalers | Ρ | |
| | 423910 | Sporting and Recreational Goods and Supplies Merchant Wholesalers | Ρ | |
| | 423911 | Swimming Pool and Spa Equipment Merchant Wholesalers | Ρ | |
| | 423912 | Firearms, Sporting, Merchant Wholesalers | С | |
| | 423920 | Toy and Hobby Goods and Supplies Merchant Wholesalers | Ρ | |
| | 423940 | Jewelry, Watch, Precious Stone, and Precious Metal Merchant Wholesalers | Р | |
| | 423950 | Pre-Recorded Audio and Video Tapes and Discs Merchant Wholesalers | Ρ | |
| | 423990 | Other Miscellaneous Durable Goods Merchant Wholesalers | Ρ | |



| Categor | y | | | Minimum Parking |
|-----------------|--------|--|---|---|
| | 424 | NONDURABLE GOODS MERCHANT WHOLESALERS | | |
| | 4241 | Paper and Paper Product Merchant Wholesalers | Р | |
| | 424130 | Disposable Plastics Products Merchant Wholesalers | Р | |
| | 424210 | Drugs and Druggists' Sundries Merchant Wholesalers | Р | |
| | 4243 | Apparel, Piece Goods, and Notions Merchant Wholesalers | Р | |
| | 424340 | Footwear Merchant Wholesalers | Р | |
| | 424410 | General Line Grocery Merchant Wholesalers | Р | |
| | 424420 | Packaged Frozen Food Merchant Wholesalers | Р | |
| | 424430 | Dairy Product (except Dried or Canned) Merchant Wholesalers | Р | |
| | 424440 | Poultry and Poultry Product Merchant Wholesalers | Р | |
| | 424450 | Confectionery Merchant Wholesalers | Р | |
| ADE | 424460 | Fish and Seafood Merchant Wholesalers | Р | |
| ALE TR/ | 424470 | Meat and Meat Product Merchant Wholesalers | Р | 4 spaces per 1,000 sf of floor area devoted to office use, |
| WHOLESALE TRADE | 424480 | Fresh Fruit and Vegetable Merchant Wholesalers | Р | + .5 spaces per 1,000 sf of floor area devoted to warehousing & storage use |
| N | 424491 | Pet Supplies and Related Products Merchant Wholesalers | Р | |
| | 4246 | Chemical and Allied Products Merchant Wholesalers | С | |
| | 4247 | Petroleum and Petroleum Products Merchant Wholesalers | С | |
| | 424810 | Beer and Ale Merchant Wholesalers | Р | |
| | 424820 | Wine and Distilled Alcoholic Beverage Merchant Wholesalers | Р | |
| | 424910 | Farm Supplies Merchant Wholesalers | Р | |
| | 424920 | Book, Periodical, and Newspaper Merchant Wholesalers | Р | |
| | 424930 | Flower, Nursery Stock, and Florists' Supplies Merchant Wholesalers | Р | |
| | 424940 | Tobacco and Tobacco Product Merchant Wholesalers | Р | |
| | 424950 | Paint, Varnish, and Supplies Merchant Wholesalers | Р | |
| | 424992 | Canvas, Burlap, and Other Textile Fabric Merchant Wholesalers | Р | |
| | 424993 | Artists' Supplies Merchant Wholesalers | Р | |



| Category | , | | | Minimum Parking |
|--------------|---------------|--|---|--|
| | 441 | MOTOR VEHICLE & PARTS DEALERS | | |
| | 441110 | New Car Dealers (Internet Sales) | С | 3.5 spaces per 1,000 sf of floor area of sales & showroom area, 3 spaces per service bay in repair garage areas, & one space per vehicle customarily used in the operation of this use or stored on the premises. |
| | 441120 | Used Car Dealers (Internet Sales) | с | This shall not include space provided for vehicles sale or lease. |
| | 441310 | Automotive Parts and Accessories Stores | с | 3 spaces per 1,000 sf of floor area |
| | 442 | FURNITURE & HOME FURNISHINGS | | |
| | 442110 | Furniture Stores | Р | |
| | 442210 | Floor Covering Stores | Р | 2.5 spaces per 1,000 sf of floor area |
| | 44229 | Other Home Furnishings Stores | Р | |
| | 443 | ELECTRONICS & APPLIANCES | | |
| | 443141 | Household Appliance Stores | Р | |
| ш | 443142 | Electronics Stores | Р | |
| RETAIL TRADE | 443143 | Camera Shops | Р | 4.5 spaces per 1,000 sf of floor area |
| RETAII | 443144 | Cellular Telephone Stores | Р | |
| | 443145 | Computer and Software Stores | Р | |
| | 443146 444 | Prerecorded Music and Movie Stores BUILDING MATERIAL AND GARDEN EQUIPMENT AND SUPPLIES DEALERS | | |
| | 444000 | Outdoor Display and Sales of Retail Products | С | NONE |
| | 444110 | Home Centers | с | 4 spaces per 1,000 sf of floor area |
| | 444120 | Paint and Wallpaper Stores | Р | 4.5 spaces per 1,000 sf of floor area |
| | 444130 | Hardware Stores | С | 4 spaces per 1,000 sf of floor area |
| | 444190 | Other Building Material Dealers | С | 4 spaces per 1,000 si ul libur area |
| | 444191 | Electrical Supplies Stores | Р | 4.5 spaces per 1,000 sf of floor area |
| | 444192 | Heating and Plumbing Equipment and Supplies Stores | Р | 3.5 spaces per 1,000 sf of floor area |
| | 444193 | Kitchen and Bath Material Stores | Р | 2.5 spaces per 1,000 sf of floor area |
| | 444210 | Outdoor Power Equipment Stores | с | 3.5 spaces per 1,000 sf of floor area |



| Categor | y | | | Minimum Parking |
|--------------------|---------------|---|---|--|
| RETAIL TRADE | 444220 | Nursery Carden Center and Farm Supply Stores | | 2 spaces per 3 employees on the max. shift, 1 space for each company vehicle + 4 spaces per 1,000 sf of sales room |
| | 444220 454 | Nursery, Garden Center, and Farm Supply Stores NONSTORE RETAILERS | C | |
| | 45411 | Electronic Shopping and Mail-Order Houses | Р | 1 space per employee on the max. shift, + one space per vehicle customarily used in operation of the use or stored on the premises |
| | 454210 | Vending Machine Operators | Р | |
| | 454390 | Other Direct Selling Establishments | Р | |
| | 454391 | Seasonal Produce Truck, Trailer, or Cart | Р | See Article 28 of the Zoning Code |
| | 484 | SURFACE TRANSPORTATION | | |
| | 4841 | General Freight Trucking | Р | 2 spaces per 3 employees on the max. shift, + 1 space per vehicle customarily used in operation of the use or |
| | 4842 | Specialized Freight Trucking | Р | stored on the premises, + one space per 200 sf of lobby area |
| | 484210 | Used Household and Office Goods Moving | Р | arca |
| | 485 | TRANSIT AND GROUND PASSENGER TRANSPORTATION | | |
| | 485111 | Mixed Mode Transit Systems | С | |
| | 485112 | Commuter Rail Systems | С | NONE |
| CES | 485113 | Bus and Other Motor Vehicle Transit Systems | С | |
| SERVIC | 485210 | Interurban and Rural Bus Transportation | С | |
| PORT (| 485310 | Taxi Service | с | |
| TRANSPORT SERVICES | 485320 | Limousine Service | с | 1 space for each employee on the max. shift |
| | 485991 | Special Needs Transportation | с | |
| | 488 | TRANSPORTATION SUPPORT SERVICES | | |
| | 48811 | Airport Operations | С | 1 space for each employee on the max. shift, + 1 space per vehicle customarily used in operation of the use or |
| | 488410 | Motor Vehicle Towing | С | stored on the premises |
| | 488491 | Administrative Offices - Transportation Services | Р | 4 spaces per 1,000 sf of floor area |
| | 488492 | Fueling Dispensers - Transportation Services | С | 1 space for each employee on the max. shift, + 1 space |
| | 488493 | Other Support Activities for Road Transportation | Р | per vehicle customarily used in operation of the use or stored on the premises |
| | 488510 | Freight Transportation Arrangement | Р | |



| Category | r | | | Minimum Parking |
|-----------------------|--------|---|---|--|
| | 488991 | Packing and Crating | Р | 1 space per 1.5 employees, but with a minimum of .5 spaces per 1,000 sf of floor area |
| POSTAL | 491 | POSTAL SERVICES | | |
| | 491110 | Postal Service | Р | 4 spaces per customer service station, + 2 spaces per 3 employees on the max. shift, + 1 space per vehicle customarily used in operation of the use or stored on the |
| | 492110 | Couriers and Express Delivery Services | Ρ | |
| | 492210 | Local Messengers and Local Delivery | Ρ | premises |
| | 493 | WAREHOUSING & STORAGE | | |
| GE IES | 493110 | General Warehousing and Storage | Р | |
| STORAGE Facilities | 493120 | Refrigerated Warehousing and Storage | Ρ | 1 space per 1.5 employees, but with a minimum of .5 spaces per 1,000 sf of floor area |
| о с | 493130 | Farm Product Warehousing and Storage | Ρ | |
| | 511 | PUBLISHING INDUSTRIES (EXCEPT INTERNET) | | |
| | 511110 | Newspaper Publishers | Ρ | - |
| | 511120 | Periodical Publishers | Ρ | - |
| | 511130 | Book Publishers | Р | 4 spaces per 1,000 sf of floor area |
| | 511140 | Directory and Mailing List Publishers | Р | |
| | 511191 | Greeting Card Publishers | Ρ | - |
| ES | 511210 | Software Publishers | Ρ | |
| SERVICES | 512 | MOTION PICTURE & SOUND RECORDING INDUSTRIES | | |
| | 512110 | Motion Picture and Video Production | Р | 4 spaces per 1,000 sf of floor area |
| INFORMATION | | | | 1 space per 1.5 employees, but with a minimum of .5 |
| INF | 512120 | Motion Picture and Video Distribution | Ρ | spaces per 1,000 sf of floor area |
| | 51213 | Motion Picture and Video Exhibition | С | 1 space per 3.5 seats |
| | 512210 | Record Production | Р | |
| | 512230 | Music Publishers | Р | 4 spaces per 1,000 sf of floor area |
| | 512240 | Sound Recording Studios | Ρ | |
| | 515 | BROADCASTING (EXCEPT INTERNET) | | |
| | 51511 | Radio Broadcasting | Р | 4 spaces per 1,000 sf of floor area |



| Categor | y | | | Minimum Parking |
|----------------------|--------|---|---|--|
| | 515119 | Radio Broadcasting Towers and Antennas | С | 2 spaces within a reasonable distance of the tower |
| | 515120 | Television Broadcasting | Р | 4 spaces per 1,000 sf of floor area |
| | 515129 | Television Broadcasting Towers and Antennas | С | 2 spaces within a reasonable distance of the tower |
| | 515210 | Cable and Other Subscription Programming | Р | |
| | 517110 | Wired Telecommunications Carriers | Р | 4 spaces per 1,000 sf of floor area |
| | 517210 | Wireless Telecommunications Carriers (except Satellite) | Р | |
| VICES | 517219 | Wireless Telecommunications Towers and Antennas | С | 2 spaces within a reasonable distance of the tower |
| ON SER | 517410 | Satellite Telecommunications | Р | 4 spaces per 1,000 sf of floor area |
| INFORMATION SERVICES | 517911 | Telecommunications Resellers | Р | 4.5 spaces per 1,000 sf of floor area |
| INFO | 517919 | Telecommunications - Administrative Office | Р | 4 spaces per 1,000 sf of floor area |
| | 518210 | Data Processing, Hosting, and Related Services | Р | 4 spaces per 1,000 si or noor area |
| | 519 | INFORMATION & DATA PROCESSING SERVICES | | |
| | 519110 | News Syndicates | Р | 4 spaces per 1,000 sf of floor area |
| | 519120 | Libraries and Archives | С | 3 spaces per 1,000 sf of floor area |
| | 519130 | Internet Publishing and Broadcasting and Web Search Portals | Р | 4 spaces per 1,000 sf of floor area |
| | 519190 | All Other Information Services | Р | |
| | 523 | SECURITIES, COMMODITY CONTRACTS, AND OTHER FINANCIAL INVESTMENTS AND RELATED ACTIVITIES | | |
| | 5231 | Securities and Commodity Contracts Intermediation and Brokerage | Р | 4 spaces per 1,000 sf of floor area |
| | 5239 | Other Financial Investment Activities | Р | |
| CIAL | 524 | INSURANCE CARRIERS | | |
| FINANCIAL | 5241 | Insurance Carriers | Р | |
| | 524210 | Insurance Agencies and Brokerages | Р | |
| | 524291 | Claims Adjusting | Р | 4 spaces per 1,000 sf of floor area |
| | 525120 | Health and Welfare Funds | Р | |
| | 525190 | Other Insurance Funds | Р | |



| Categor | y | | | Minimum Parking |
|-----------------|--------|--|---|--|
| REAL ESTATE | 531 | REAL ESTATE | | |
| | 5311 | Lessors of Real Estate | Р | |
| | 531210 | Offices of Real Estate Agents and Brokers | Р | |
| | 53131 | Real Estate Property Managers | Р | 4 spaces per 1,000 sf of floor area |
| | 531320 | Offices of Real Estate Appraisers | Ρ | |
| | 531390 | Other Activities Related to Real Estate | Ρ | |
| | 532 | RENTAL & LEASING SERVICES | | |
| | 532000 | Outdoor Display of Rental Equipment | С | NONE |
| | 53211 | Passenger Car Rental and Leasing | С | 2.5 angess per 1,000 of of floor area |
| | 532120 | Truck, Utility Trailer, and RV (Recreational Vehicle) Rental and Leasing | С | 2.5 spaces per 1,000 sf of floor area |
| VICES | 532210 | Consumer Electronics and Appliances Rental | Ρ | 3.5 spaces per 1,000 sf of floor area |
| RENTAL SERVICES | 532220 | Formal Wear and Costume Rental | Ρ | 4.5 spaces per 1,000 sf of floor area |
| | 532291 | Home Health Equipment Rental | Ρ | |
| | 532292 | Recreational Goods Rental | Ρ | |
| | 532299 | All Other Consumer Goods Rental | Ρ | 3.5 spaces per 1,000 sf of floor area |
| | 532310 | General Rental Centers | Ρ | |
| | 5324 | Commercial and Industrial Machinery and Equipment Rental and Leasing | Р | |
| | 541 | PROFESSIONAL & TECHNICAL SERVICE | | |
| | 5411 | Legal Services | Р | |
| NAL | 54121 | Accounting, Tax Preparation, Bookkeeping, and Payroll Services | Ρ | |
| PROFESSIONAL | 541310 | Architectural Services | Ρ | 4 spaces per 1,000 sf of floor area devoted to office use, + .5 spaces |
| PROF | 541320 | Landscape Architectural Services | Р | per 1,000 sf of floor area devoted to laboratory, warehousing, and storage use (including data storage) |
| | 541330 | Engineering Services | Р | Marchiodoning, and storage use (moldaning data storage) |
| | 541340 | Drafting Services | Р | |
| | 541350 | Building Inspection Services | Ρ | |



| Categor | у | | | Minimum Parking |
|--------------|--------|---|---|--|
| | 541360 | Geophysical Surveying and Mapping Services | Р | |
| | 541380 | Testing Laboratories | Р | |
| | 541410 | Interior Design Services | Р | |
| | 541420 | Industrial Design Services | Р | |
| | 541430 | Graphic Design Services | Р | |
| | 541511 | Custom Computer Programming Services | Р | |
| | 541512 | Computer Systems Design Services | Р | - |
| | 541513 | Computer Facilities Management Services | Ρ | - |
| | 541611 | Administrative Management and General Management Consulting Services | Р | |
| | 541612 | Human Resources Consulting Services | Р | |
| | 541613 | Marketing Consulting Services | Р | |
| | 541620 | Environmental Consulting Services | Р | |
| PROFESSIONAL | 541690 | Other Scientific and Technical Consulting Services | Р | 4 spaces per 1,000 sf of floor area devoted to office use, + .5 spaces |
| COFES | 541711 | Research and Development in Biotechnology | Р | per 1,000 sf of floor area devoted to laboratory, warehousing, and storage use (including data storage) |
| E | 541712 | Research and Development in the Physical, Engineering, and Life Sciences (except Biotechnology) | Р | |
| | 541810 | Advertising Agencies | Р | |
| | 541820 | Public Relations Agencies | Р | |
| | 541830 | Media Buying Agencies | Р | |
| | 541840 | Media Representatives | Р | |
| | 541860 | Direct Mail Advertising | Р | _ |
| | 541870 | Advertising Material Distribution Services | Р | |
| | 541890 | Other Services Related to Advertising | Р | |
| | 541910 | Marketing Research and Public Opinion Polling | Р | |
| | 541921 | Photography Studios, Portrait | Р | |
| | 541922 | Commercial Photography | Р | |



| Category | | | | Minimum Parking |
|--------------|------------------|---|--------|---|
| NAL | 541930 | Translation and Interpretation Services | Р | |
| PROFESSIONAL | 541940 | Veterinary Services | С | 4 spaces per 1,000 sf of floor area devoted to office use, + .5 spaces |
| PRO | 541990 | All Other Professional, Scientific, and Technical Services | Р | |
| | 551 | MANAGEMENT OF COMPANIES AND ENTERPRISES | | |
| EMNT | 551111 | Offices of Bank Holding Companies | Р | |
| MANAGEMENT | 551112 | Offices of Other Holding Companies | P | 4 spaces per 1,000 sf of floor area |
| 2 | 551114 | Corporate, Subsidiary, and Regional Managing Offices | P | |
| | | | F | |
| | 561 561110 | ADMINISTRATIVE & SUPPORT SERVICES Office Administrative Services | Р | |
| | 561311 | Employment Placement Agencies | P | |
| | 561410 | Document Preparation Services | Р | 4 spaces per 1,000 sf of floor area |
| | 561421 | Telephone Answering Services | Р | |
| | 561422 | Telemarketing Bureaus and Other Contact Centers | Р | |
| | | | | 4 spaces per customer service station, + 2 spaces per 3 employees on the max. shift, + 1 space per vehicle |
| NOI | 561431 | Private Mail Centers | Р | customarily used in operation of the use or stored on the premises |
| IISTRATION | | | | |
| ADMIN | 561439 | Other Business Service Centers (including Copy Shops) | P | |
| | 561440 561450 | Collection Agencies Credit Bureaus | P P | |
| | 561491 | Repossession Services | C | 4 spaces per 1,000 sf of floor area |
| | 561492 | Court Reporting and Stenotype Services | P | |
| | 561510 | Travel Agencies | Р | |
| | 561611 | Investigation Services | Р | |
| | 561612 | Security Guards and Patrol Services | Р | 1 space per employee on the max. shift, + 1 space per |
| | 561613 | Armored Car Services | P | vehicle customarily used in operation of the use or stored on the premises |



| Categor | / | | | Minimum Parking |
|----------------|--------|---|------------|---|
| | 561621 | Security Systems Services (except Locksmiths) | Р | 4 spaces per 1,000 sf of floor area |
| | 561622 | Locksmiths | Р | |
| | 561710 | Exterminating and Pest Control Services | Р | 1 space per employee on the max. shift, + 1 space per vehicle customarily used in operation of the use or |
| | 561720 | Janitorial Services | Р | |
| | 561730 | Landscaping Services | С | |
| ATION | 561740 | Carpet and Upholstery Cleaning Services | Р | |
| ADMINISTRATION | 561791 | Pool Management and Service Companies | Ρ | stored on the premises |
| ADM | 561792 | Snow Plowing Driveways and Parking Lots (not combined with any other service) | С | |
| | 561793 | Building Exterior Cleaning Services | Р | |
| | 561910 | Packaging and Labeling Services | Р | |
| | 561920 | Convention and Trade Show Organizers | Р | |
| | 562 | WASTE MANAGEMENT AND REMEDIATION SERVICES | | |
| | 562110 | Waste Management Services - Administrative Offices | Р | 4 spaces per 1,000 sf of floor area |
| | 611 | EDUCATIONAL SERVICES | | |
| | 611210 | Junior Colleges | P * | |
| | 611310 | Colleges, Universities, and Professional Schools | P * | |
| | 611410 | Business and Secretarial Schools | P * | |
| | 611420 | Computer Training | P * | |
| EDUCATION | 611430 | Professional and Management Development Training | P * | |
| EDUC | 61151 | Technical and Trade Schools | P * | *See Section 25-14.14, <u>Parking for Educational Uses</u> , of the Zoning Code |
| | 611512 | Flight Training | P * | |
| | 611610 | Fine Arts Schools | P * | |
| | 611620 | Sports and Recreation Instruction | P * | |
| | 611630 | Language Schools | P * | |
| | 611691 | Exam Preparation and Tutoring | P * | |



| Category | | | | Minimum Parking |
|-------------|--------|--|------------|---|
| | 611692 | Automobile Driving Schools | P * | *See Section 25-14.14, Parking for Educational Uses, of |
| | 611710 | Educational Support Services | P * | the Zoning Code |
| | 621 | AMBULATORY HEALTH CARE SERVICES | | |
| | 621111 | Offices of Physicians | Р | |
| | 621112 | Offices of Mental Health Specialists | Ρ | |
| | 621210 | Offices of Dentists | Р | |
| | 621310 | Offices of Chiropractors | Р | |
| | 621320 | Offices of Optometrists | Ρ | 4.5 spaces per 1,000 sf of floor area, or 4 spaces per |
| | 621340 | Offices of Physical, Occupational and Speech Therapists, and Audiologists | Ρ | doctor & 1 space per additional employee on the max. shift, whichever is greater |
| | 621391 | Offices of Podiatrists | Ρ | |
| | 621410 | Family Planning Centers | Ρ | |
| | 621420 | Outpatient Mental Health and Substance Abuse Centers | Ρ | |
| CARE | 621491 | HMO Medical Centers | Ρ | |
| HEALTH CARE | 621492 | Kidney Dialysis Centers | Ρ | |
| Ŧ | 621493 | Freestanding Ambulatory Surgical and Emergency Centers | Ρ | 1 space for each bed, + 1 space per staff doctor & employee on the max. shift |
| | 621498 | All Other Outpatient Care Centers | Ρ | |
| | 621511 | Medical Laboratories | Р | 4.5 spaces per 1,000 sf of floor area, or 4 spaces per |
| | 621512 | Diagnostic Imaging Centers | Р | doctor & 1 space per additional employee on the max. shift, whichever is greater |
| | 621610 | Home Health Care Services | Р | |
| | 621910 | Ambulance Services | С | 1 space per employee on the max. shift, 1 space per service bay, & 1 space per vehicle customarily used in operation of the use |
| | | | | |
| | 621991 | Blood and Organ Banks | Ρ | 4.5 spaces per 1,000 sf of floor area, or 4 spaces per doctor & 1 space per additional employee on the max. |
| | 621999 | All Other Miscellaneous Ambulatory Health Care Services | Р | shift, whichever is greater |



| Category | | | | Minimum Parking |
|-------------------|--------|--|---|---|
| HEALTH CARE | 622 | HOSPITALS | | |
| | 622110 | General Medical and Surgical Hospitals | С | 1 space per 2 beds, + 1 space per staff doctor & employee on the max. shift |
| | 622210 | Psychiatric and Substance Abuse Hospitals | С | |
| | 622310 | Specialty Hospitals | С | |
| | 624 | SOCIAL ASSISTANCE | | |
| | 624110 | Child and Youth Services | Р | 4.5 spaces per 1,000 sf of floor area, or 4 spaces per doctor & 1 space per additional employee on the max. shift, whichever is greater |
| | 624120 | Services for the Elderly and Persons with Disabilities | Р | |
| | 624190 | Other Individual and Family Services | Р | 4.5 spaces per 1,000 sf of floor area, or 4 spaces per doctor & 1 space per additional employee on the max. |
| | 624310 | Vocational Rehabilitation Services | Р | shift, whichever is greater |
| | 624410 | Child Day Care Services | с | 1 space per employee, + 1 space per 10 attendees, + stacking requirements |
| | 711 | PERFORMING ARTS & SPECTATOR SPORTS AND RELATED INDUSTRIES | | |
| | 7111 | Performing Arts Companies | Р | 1 space per 4 seats , + 1 space per 50 sf of open seating area when there is not fixed seating |
| | 711140 | General Cultural and Entertainment Programs | С | 3.5 spaces per 1,000 sf of floor area |
| | 711150 | Auditoriums | С | 1 space per 4 seats , + 1 space per 50 sf of open seating area when there is not fixed seating |
| ARTS & RECREATION | 711160 | Exhibition Halls and Conference Centers | С | 1 space per 4 persons based on design capacity of building, or 5 spaces per 1,000 sf of floor area, whichever is greater |
| RTS & R | 711320 | Promoters of Performing Arts, Sports, and Similar Events without Facilities | P | |
| A | 711410 | Agents and Managers for Artists, Athletes, Entertainers, and Other Public Figures | P | 4 spaces per 1,000 sf of floor area |
| | 712 | MUSEUMS, HISTORICAL SITES, AND SIMILAR INSTITUTIONS | | |
| | 712110 | Museums | С | 3.5 spaces per 1,000 sf of floor area |
| | 712191 | Privately-Owned Parks | с | Space equivalent to 1 percent of the total land area. Parking area available along park roads or private drives |
| | 712192 | Publicly-Owned Parks | Р | may be used to fulfill this requirement |



| Category | / | | | Minimum Parking |
|-------------------|--------|--|---|--|
| NO | 713 | AMUSEMENT, GAMBLING, AND RECREATION INDUSTRIES | | |
| | 713940 | Fitness and Recreational Sports Centers | С | 3.5 spaces per 1,000 sf of floor area &/or 1 space per 100 sf of skating area or playing surface |
| | 713941 | Athletic Fields | С | 20 spaces per field |
| CREATI | 713942 | Indoor Racquet Sports Courts | С | 4 spaces per court |
| ARTS & RECREATION | 713944 | Community Recreation Facilities | С | 3.5 spaces per 1,000 sf of floor area |
| ART | 713945 | Municipal Recreation Facilities | Р | |
| | 713950 | Bowling Centers | С | 5 spaces per alley |
| | 713994 | Bikeway | Р | NONE |
| | 713995 | Walkway | Р | |
| Ш | 722 | FOOD SERVICES AND DRINKING PLACES | | |
| | | | | 1 space per 3 seats to be provided in areas allocated to table seating, + 2 spaces per 3 employees on the max. shift, + 1 space per 12 sf allocated to a queuing or waiting area (including enclosed vestibules, air lock areas between entry doors, areas allocated to food service waiting lines, & areas allocated to order taking & delivery), + all applicable standards for areas of the establishment which are allocated to bar areas |
| OSPITALITY | 722000 | Outdoor Restaurant Seating | С | |
| – | 722310 | Food Service Contractors | Р | 1 space per employee, + one space per vehicle customarily used in operation of the use or stored on the |
| | 722320 | Caterers | Р | premises |
| | 722329 | Banquet Facilities | С | 1 space per 4 persons based on design capacity of the building, or 5 spaces per 1,000 sf of floor area, whichever is greater |
| | 722330 | Food Truck, Trailer, or Cart | Р | See Article 28 of the Zoning Code |



| Categor | y | | | Minimum Parking |
|------------------|--------|--|---|---|
| | | | | |
| | 722511 | Full-Service Restaurants | С | 1 space per 3 seats to be provided in areas allocated to table seating, + 2 spaces per 3 employees on the max. |
| НОЅРІТАLITY | 722513 | Take Out Restaurants | С | shift, + 1 space per 12 sf allocated to a queuing or waiting area (including enclosed vestibules, air lock areas between entry doors, areas allocated to food service waiting lines, & areas allocated to order taking & |
| HOSP | 722514 | Cafeterias, Grill Buffets, and Buffets | С | |
| | 722515 | Snack and Nonalcoholic Beverage Bars | Р | delivery), + all applicable standards for areas of the establishment which are allocated to bar areas |
| | 722516 | Fast Food Restaurants (Without Drive-Thru Services) | С | |
| | 722518 | Entertainment Restaurants | С | |
| | 722519 | Microbreweries/Wineries | С | |
| | 811 | REPAIR SERVICES AND MAINTENANCES | | |
| | 811111 | General Automotive Repair and Maintenance | С | |
| | 811112 | Automotive Exhaust System Repair and Maintenance | С | |
| | 811113 | Automotive Transmission Repair and Maintenance | С | |
| | 811121 | Automotive Body, Paint, and Interior Repair and Maintenance | С | 1 space per employee on the max. shift, 2 spaces per |
| | 811122 | Automotive Glass Replacement Shops | С | service bay, & 1 space per vehicle customarily used in operation of the use |
| | 811191 | Automotive Oil Change and Lubrication Shops | С | |
| ERVICES | | | | |
| PERSONAL SERVICI | 811193 | Automobile and Truck Detailing | С | |
| PERS | 81121 | Electronic and Precision Equipment Repair and Maintenance | Р | |
| | 811310 | Commercial and Industrial Machinery and Equipment (except Automotive and Electronic) Repair and Maintenance | С | |
| | 811311 | Commercial and Industrial Machinery and Equipment Repair and Maintenance - Administrative Offices | Р | 3.5 spaces per 1,000 sf of floor area |
| | 811312 | Miscellaneous Engine Repair | С | |
| | 811411 | Home and Garden Equipment Repair and Maintenance | С | |
| | 811412 | Appliance Repair and Maintenance | Р | |
| | 811420 | Reupholstery and Furniture Repair | Р | |



| Category | | | | Minimum Parking |
|---------------|----------------------|---|---|--|
| VAL SERVIC | 811430 | Footwear and Leather Goods Repair | Ρ | 3.5 spaces per 1,000 sf of floor area |
| | 811490 | Other Personal and Household Goods Repair and Maintenance | С | |
| | 811491 | Watch, Clock, and Jewelry Repair | Ρ | |
| | 8114 <mark>92</mark> | Tailoring Services | Р | |
| | 813 | RELIGIOUS, GRANTMAKING, CIVIC, PROFESSIONAL, AND SIMILAR ORGANIZATIONS | | |
| | 813110 | Places of Worship | Р | 1 space per 4 seats, (one seat equals 2 feet of bench length) + 1 space per vehicle customarily used in operation of the use or stored on the premises |
| | 813111 | Religious Organization Administrative Offices | Ρ | 4 spaces per 1,000 sf of floor area |
| | 813112 | Convents/Monasteries | Р | 1 space per 4 persons based on design capacity of the building, or 5 spaces per 1,000 sf of floor area, whichever is greater |
| | | | | 4 spaces per 1,000 sf of floor area |
| ORGANIZATIONS | 813210 | Grantmaking Foundations | Р | |
| ANIZA | 813211 | Grantmaking Foundations - Administrative Offices | Р | |
| ORG/ | 813212 | Voluntary Health Organizations | Р | 1 space per 4 persons based on design capacity of the building, or 5 spaces per 1,000 sf of floor area, whichever is greater |
| | 81331 | Environmental and Natural Resource Preservation Advocacy Organizations | Ρ | |
| | 81332 | Animal Rights and Welfare Organizations and Humane Societies | С | |
| | 81333 | Animal Rights and Welfare Organizations and Humane Societies Administrative Office | Ρ | 4 spaces per 1,000 sf of floor area |
| | 813410 | Civic and Social Organizations | Р | |
| | 813910 | Business Associations | Р | 1 space per 4 persons based on design capacity of the building, or 5 spaces per 1,000 sf of floor area, whichever is greater |
| | 813920 | Professional Organizations | Р | |
| | 813930 | Labor Unions and Similar Labor Organizations | Р | |
| | 813940 | Political Organizations | Р | |