



Metro Facility Study

Project update 10/11/2017

1) The 1101 E Washington Ave Metro Facility Study was commissioned after assessments by Metro and City Engineering staff indicated several deficiencies in the building and its systems. Mead & Hunt is under contract to complete the study, which is anticipated to complete in December of 2017. The phases of the study are:

- Existing building condition assessment
- Identify projects and produce conceptual plans
- Phase projects
- Cost estimating

2) The draft report of the building assessment has been completed:

Building Assessment major findings and known conditions:

- Roof is leaking in several areas, as well as deficient in thermal capacity.
- Wash line is original to the building and needs complete replacement.
- The mechanical systems are beyond their useful life and No controls. Heat is either off or on.
- Ventilation and thermal comfort is inadequate
- Underfloor sanitary and storm plumbing condition will be assessed may need to be replaced.
- Electrical systems may need additional assessment.
- Exterior envelope (walls, windows, etc) is deficient in thermal capacity

Life and health safety concerns

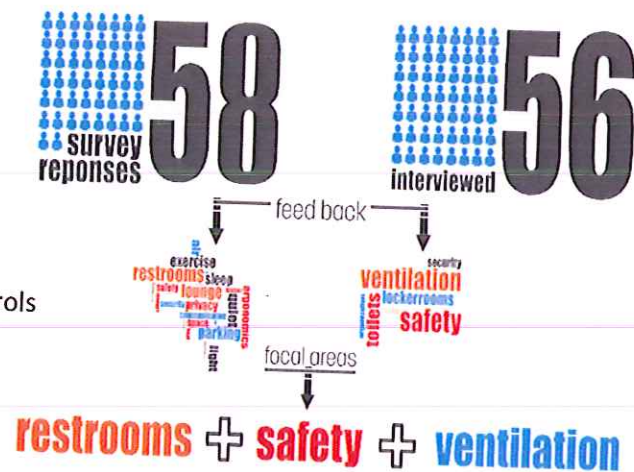
- Fire sprinkler system is in fair condition
- Fire alarm panel is beyond technical life expectancy, and does not meet NFPA 72, IBC and ADAAG code requirements for audible and visual notification. A new system is likely required.
- CO2 and NO3 detection sensors in the bus garage
- Left hand turn vs right hand turn






3) Staff surveys and interviews have been completed and initial concept plans are in development.

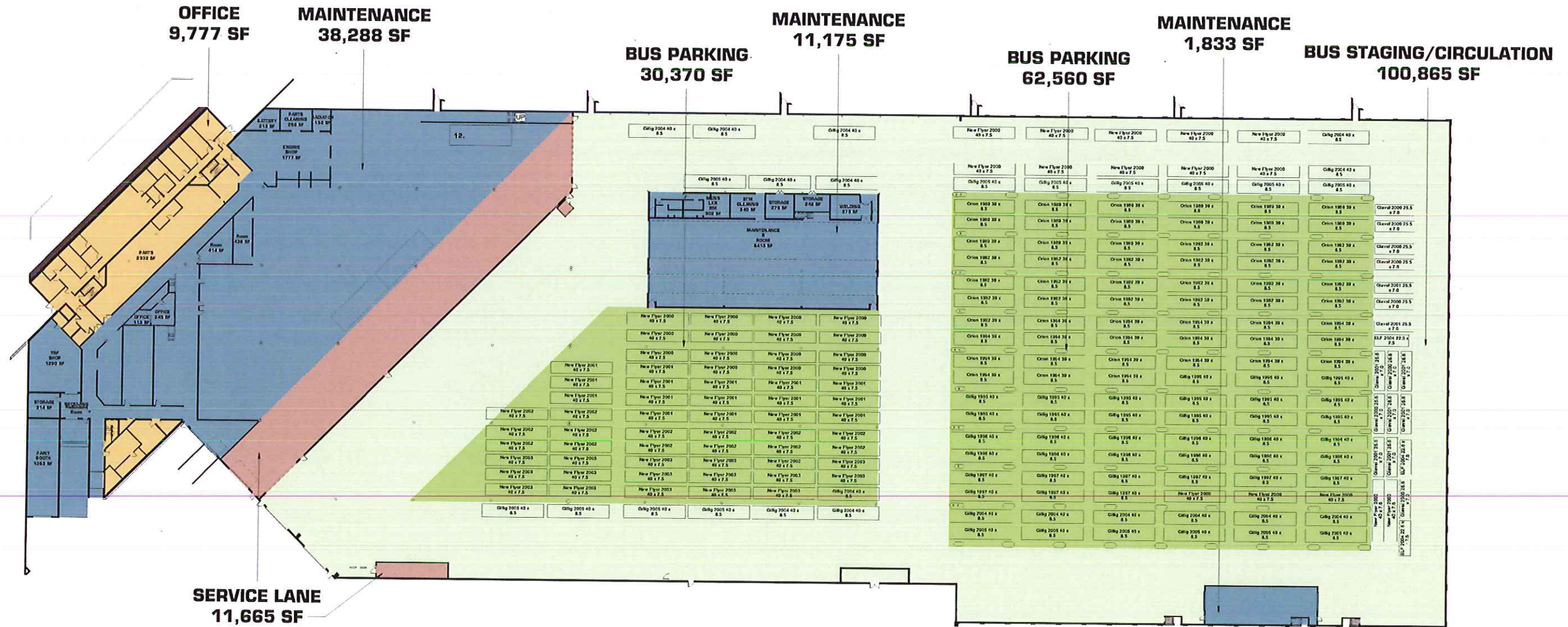
4) Phasing:

- 2018 – partially replace existing roof (flat roof areas only) \$1.5 million
- 2019 – install new service lane (wash and fuel)
- As funding becomes available - Mechanical and controls systems.

5) Next steps: Present to Transit and parking commission on 10/11/2017








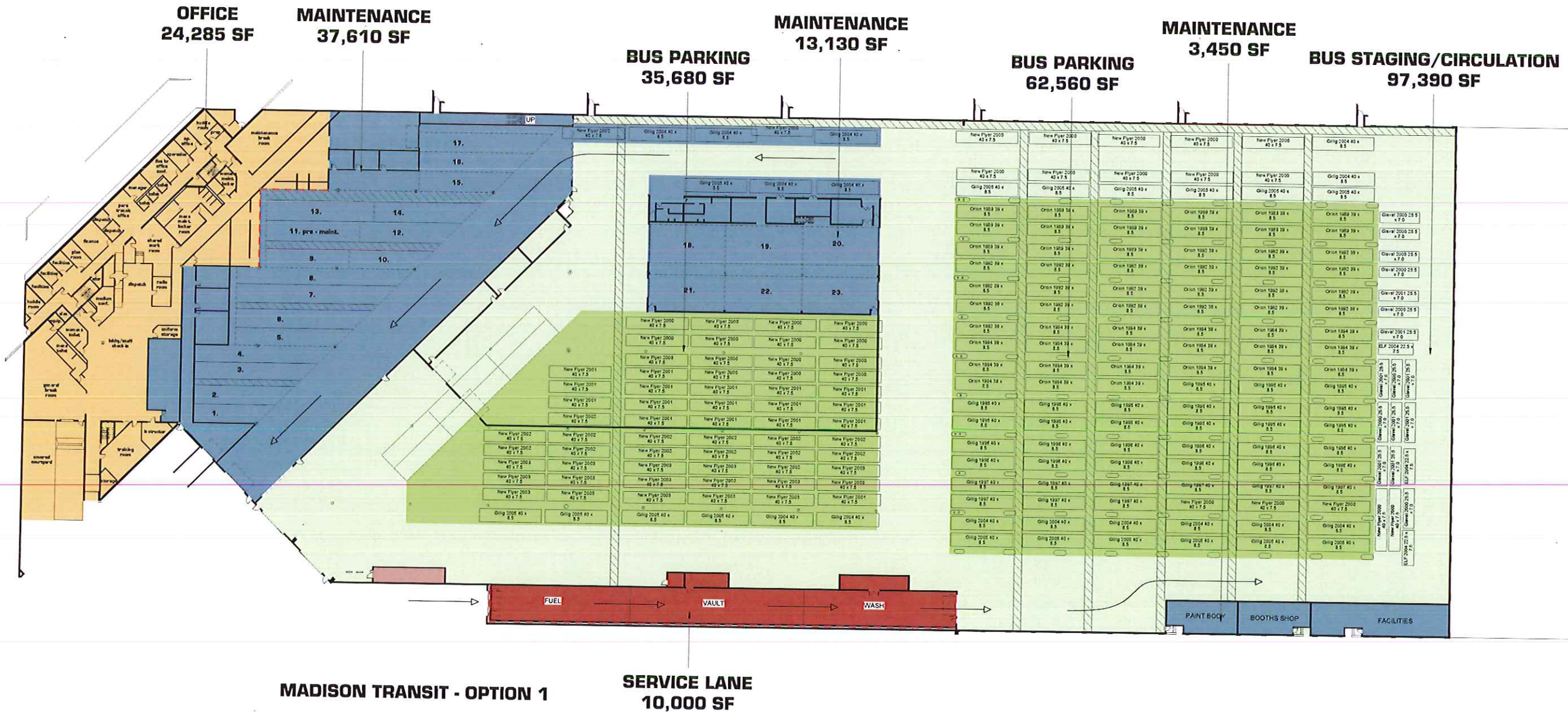
| MADISON TRANSIT COLOR LEGEND | | AREA |
|---|-------------------------|------------|
|  | Office/Support | 9,777 SF |
|  | Bus parking | 92,930 SF |
|  | Maintenance | 51,296 SF |
|  | Service lane | 11,665 SF |
|  | Bus staging/circulation | 100,865 SF |



MADISON TRANSIT - EXISTING

City of Madison - Metro Transit Facility Study






| MADISON TRANSIT COLOR LEGEND | AREA |
|---|-----------------------------------|
|  | Office/Support 24,295 SF |
|  | Bus parking & parking 98,240 SF |
|  | Maintenance/Intenace 54,190 SF |
|  | Service lane 10,000 SF |
|  | Bus staging/circulation 97,390 SF |

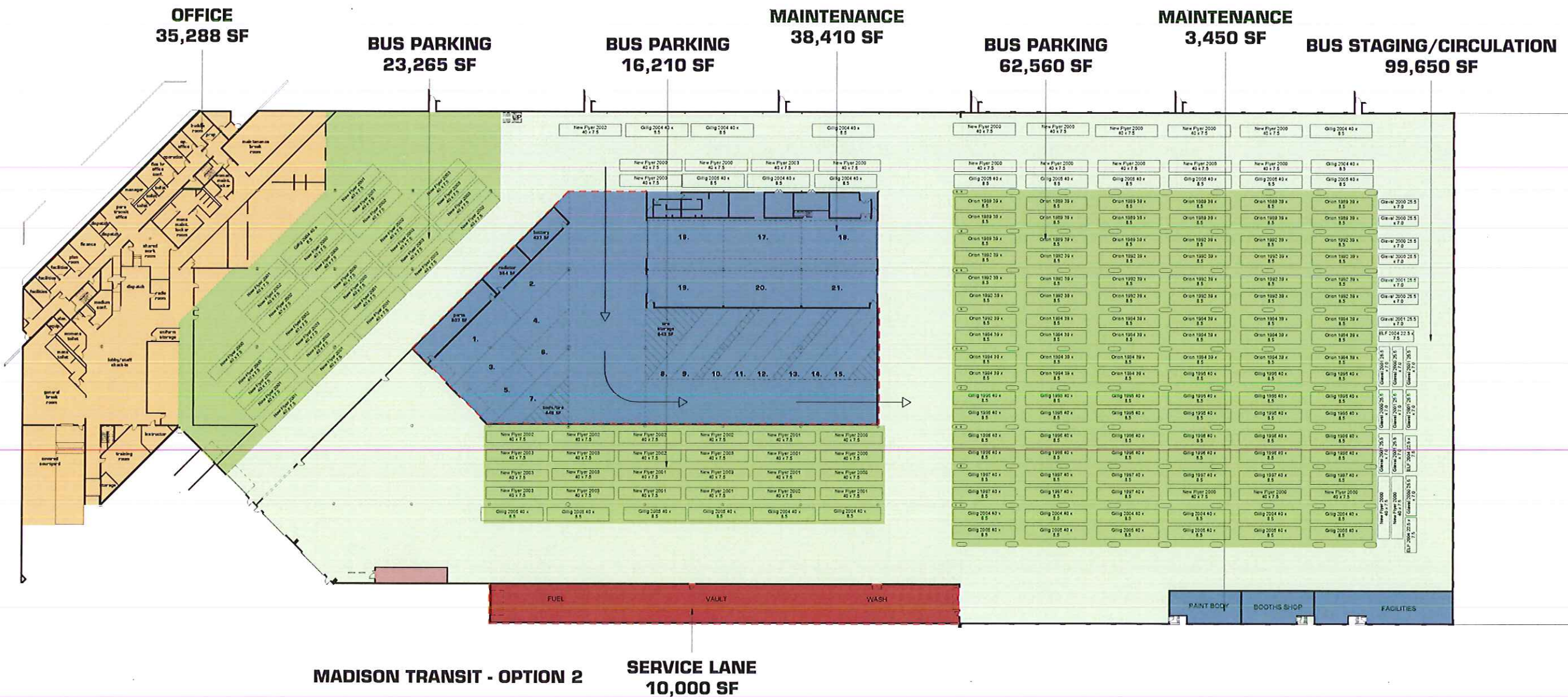


City of Madison - Metro Transit Facility Study


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| MADISON TRANSIT COLOR LEGEND | | AREA |
|---|-------------------------|-----------|
|  | Office/Support | 35,288 SF |
|  | Bus parking | 85,825 SF |
|  | Maintenance | 41,860 SF |
|  | Service lane | 10,000 SF |
|  | Bus staging/circulation | 99,650 SF |



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