

Existing Facilities Assessment

Introduction

This assessment is intended to provide a baseline for the evaluation of how the BCRTA has allocated and used space at their facilities, particularly at the Operations and Maintenance Facility. Ultimately, this information will be the basis for future recommendations, up to and including opportunities for expansion or re-use.

The following section presents the results of an assessment of existing BCRTA transit facilities based on site visits conducted in the Summer of 2022. These visits included the Operations and Maintenance Facility at Moser Court, as well as satellite facilities in Hamilton, Oxford and West Chester. It is worth noting that most of the satellite facilities are not owned by BCRTA but function as transit facilities (i.e., stops, shelters, park & ride, etc.) to serve its customers. As such, BCRTA is concerned about the safety, effectiveness, state of repair, and functionality of these satellite facilities.

Baseline observations at these facilities will be used in consideration of future improvements.

Operations & Maintenance Facility at Moser Court

The BCRTA Operations and Maintenance Facility is located at 3045 Moser Court, Hamilton, Ohio on a 9.8-acre parcel. The operations and maintenance area comprises roughly 25% of the parcel with the remaining portion being open green space.

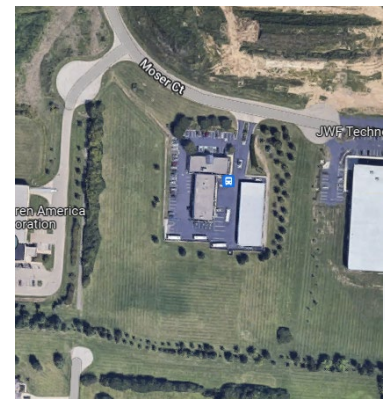


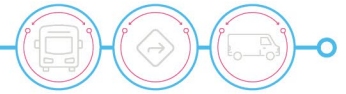
Figure 1 - Existing O&M Facility

Overview of Existing Facilities

The discussion below is organized by area. Refer to Appendix A for pictures of the existing facilities.

Administration Offices

The Administration Office is composed of approximately 4,850 square feet including reception area and board room, with 9 offices, four cubicles, a dispatch room, kitchen/break room, and restrooms. Generally, the administration area makes good use of the space but the building itself is a little small given the current number of employees. There is a small conference room, network room, and an office used for training employees.



Of note, the board room is sufficiently sized for board meetings but is not large enough to host a meeting with all BCRTA employees. The dispatch room has more space than necessary with windows facing west (opposite direction than maintenance, operations, and storage).

Maintenance Shop

The Maintenance Shop is composed of approximately 6,640 square feet including five bus bays, parts storage, workshop space, an office, and an open area for employees with desks and lockers. Generally, the maintenance area is two stories high with an open layout and a mezzanine level above the office and restrooms used for office/records storage.

Of note, one bus bay is currently used for non-maintenance (miscellaneous) storage (525 square feet) and the mezzanine level for records storage is roughly 380 square feet. While used out of necessity, these areas represent a significant amount of space in the maintenance area that could be repurposed if storage was available elsewhere. This would provide additional space and flexibility in the maintenance area for operations.

Of the five bus bays, two have doors on both sides of the building allowing pull-through operations. Bay 3 is equipped with a pit for below bus maintenance needs, but the pit is slightly offset from the bay entrance and requires precision maneuvering. Bays 4 and 5 are equipped with floor lifts. There is currently not space or equipment for the mounting and balancing of tires at this facility.

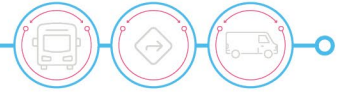
The facility currently does not have a loading dock; therefore, all deliveries are restricted to trucks with a lift gate. There is also not adequate laydown space for the receipt of materials.

There does not appear to be enough bus parking on the exterior of the building, and generally the area between the Vehicle Storage Building is constrained and is also the main thoroughfare to the bus exit. There is roughly 55 feet between the buildings, and this makes maneuvering in/out difficult, particularly if parts delivery vehicles are on site.

Fuel islands were not allowed when the facility was constructed so there is no refueling currently on site.

Vehicle Storage Building

The Vehicle Storage Building was constructed as a temporary structure. The structure holds 12 buses accessed through six open bays on the west elevation of the building. It is noted the building does not drain well and was constructed on a minimal budget. There are heat lamps and security cameras, but the lighting is dim and not effective. The building is not ideal but represents the only covered parking/storage at this location.



Proposed Expansion Concepts

This section will be updated after the recommended service scenario has been determined.

Option 1: Construct Separate Materials Storage Building

Option 2: Add 2nd Floor to Administration Building

Option 3: Construct New Maintenance Facility

Option 4: Expand Administration to Existing Maintenance Area

Passenger Facilities

Hamilton

Meijer Park and Ride

The Meijer Park and Ride located at 1560 Main Street, Hamilton, Ohio. The bus stop is situated at the northwest corner of the Meijer building and includes a single, glass enclosed shelter surrounded by ten bollards and a single bench seat.

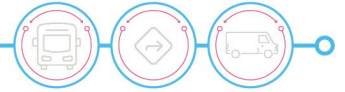
Market Street Station

The Market Street Station is located at 200 Market Street, Hamilton, Ohio and consists of two 13'x16' wooden, pagoda style shelters on opposite sides of Market Street between a parking structure and office building. Market Street traverses under the second story of the parking structure and has the appearance and feel of a dimly lit tunnel. There is some natural lighting from the south, but the bus stops are in an area abutting several commercial buildings which blocks the natural light.

Oxford

Ditmer

The Ditmer bus stop is reminiscent of a formal park and ride facility with university parking, a single shelter with interior and exterior lighting, trash and recycle cans, two bike racks and an emergency phone.



Farmer School

The Farmer School bus stop includes a single glass enclosed shelter with four benches next to the shelter. There is no interior lighting or trash/recycle cans.

Laws Hall

Laws Hall stop includes a single shelter, glass enclosed, with five benches adjacent to the shelter. No interior lighting but exterior light pole located next to the shelter.

Miami Station D

Miami Station D bus stop is located along Maple Street near E. Spring Street. The stop includes two side-by-side glass enclosed shelters with trash and recycle cans. There is no seating or interior lighting.

Kroger

Bus stop located along E. Spring Street at the Kroger parking lot. Stop includes a single 3-sided shelter with interior lighting, trash can, and ITS screen powered by a small solar panel.

Wells Mill

Wells Mill is a single 3-sided shelter with interior lighting as well as benches within shelter and adjacent to shelter.

West Chester

Meijer Park and Ride

The Meijer Park and Ride located at 7390 Tylersville Road, West Chester, Ohio is situated approximately 300 feet west of the southwest corner of the Meijer building. The stop includes a $\frac{3}{4}$ enclosed glass shelter with interior lighting powered by a small solar panel.