

Transportation Building

The AAPS Capital Improvements Program continues to develop and implement projects outlined in the 2019 Bond Campaign and the BOE approved Bond Plan. These improvements are consistent with the needs outlined in the facility condition assessment report.

Project Information

Scope of Work	Location of Work
Removal of existing Underground Storage Tanks (UST) in bus yard	Outside NW corner of building
Removal of existing UST in Balas east parking lot	East side of Balas parking area
Install new electrical switchgear and transformer	Entire facility
Install new bus wash equipment	Bus wash drive-through lane
City of AA drain culvert replacement	Dirt lot between Balas and Transportation

Project Contacts

Construction Manager Site Superintendent	Construction Manager Project Manager	AAPS Representative
McCarthy & Smith	McCarthy & Smith	Erik Bodker
Trevor Connolly (248) 938-6270 tconnolly@mccarthysmith.com	Matt Zitterman (248) 914-7859 mzitterman@mccarthysmith.com	Gilbane Building Company (734) 263-3286 ebodker@gilbaneco.com

Project Schedule

TIMELINE:	Construction Activities
May 17th	Test borings at Balas UST
June 17 th -21 st	Removal of existing UST at Transportation
June 24 th -July 12 th	Removal of existing UST at Balas
June 17th	DTE power shutdown (Tentative) and generator set-up
June 18 th -August 1 st	Electrical upgrade and energize new switchgear
June 17 th -28 th	Install new bus wash equipment
August 1 st – August 23 rd	City of AA drain culvert replacement
July 8 th – July 26 th	Roof replacement



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Project Location & Maps:

Tank Removal Plan - Balas



AAPS Capital Improvements Program Spring / Summer 2024

Tank Removal Plan - Transportation



City of Ann Arbor Drain Culvert Replacement



Roof Replacement



ROOF DESIGN SCOPE OF WORK

GENERAL NOTES:

- A. ROOFING CONTRACTOR SHALL VERIFY DIMENSIONS, QUANTITIES, AND CONDITIONS AT THE SITE.
- B. ROOF PENETRATIONS (PROJECT ONE MAY HAVE BEEN ADDED OR MAY HAVE BEEN REMOVED) DO NOT NECESSARILY ALL SHOWN ON THE ROOF PLAN. FIELD VERIFY ALL LOCATIONS PRIOR TO USING THE INFORMATION, AND VERIFY ACCURACILY.
- C. COMPONENTS (BRACKETS) JOISTS AND DETAILS ARE "NEW" UNLESS OTHERWISE NOTED AS EXISTING.
- D. CONDITIONS NOT SPECIFICALLY ADDRESSED BY EITHER SPECIFICATIONS OR DETAILS CONSULT WITH BTA AND THE ROOFING MANUFACTURER AND SUBMIT DETAILED SHOP DRAWINGS.
- E. DETAILS FOR EACH AND EVERY ROOF PENETRATIONS (PENETRATIONS OR FLASHING COMPONENTS) MAY NOT NECESSARILY ALL BE SHOWN ON THE ROOF PLANS. USE THE APPROPRIATE DETAIL SPECIFIED FOR THE CONDITION (AS QUANTIFIED).

SUMMARY OF WORK ROOF AREA:

- PREPARE EXISTING ROOF AREA AND PROVIDE NEW ROOF SYSTEM (INSULATION, MEMBRANE, FLASHINGS)
1. REMOVE AND DISPOSE OF THE EXISTING MEMBRANES (BASE FLASHINGS, SHEET METAL FLASHING, AND ASSOCIATED PENETRATION FLASHINGS). LEAVE EXISTING INSULATION IN PLACE.
 2. REMOVE AREAS OF WET AND DAMAGED INSULATION (POUND DOWN TO THE STRUCTURAL DECK. REPLACE WET INSULATION WITH NEW INSULATION TO MATCH EXISTING (LIFT EGGS)
 3. AT EXISTING ROOF DRAIN, REMOVE AND DISCARD AN 8'-FOOT BY 8'-FOOT AREA OF INSULATION TO ALLOW FOR THE INSTALLATION OF A TAPERED SUMP.
 4. PROVIDE REQUIRED WOOD BLOCKING WHERE INDICATED ON THE PROJECT DRAWINGS.
 5. PROVIDE (1) ONE LAYER OF 3/8" - 1/2" THICK POLYISOCYANURATE ROOF INSULATION, MECHANICALLY FASTENED.
 6. PROVIDE (1) ONE LAYER OF 3/8" - 1/2" THICK MANUFACTURER'S APPROVED GYPSUM CORE BOARD, BUILT UP OVER FOAM ADHESIVE.
 7. PROVIDE (SINGLE-PLY 60 MIL EPDM ROOF SYSTEM FULLY ADHESIVE SHEET METAL COMPONENTS AND ACCESSORIES.
 8. FLASH ALL PENETRATION PER MPCA AND/OR MANUFACTURER'S RECOMMENDED PROCEDURE, AND AS INDICATED ON DRAWINGS.
 9. UPON COMPLETION OF WORK, PROVIDE THE ROOFING MANUFACTURER'S 20-YEAR WARRANTY AND CONTRACTOR'S 5-YEAR GUARANTEE.

ROOF DESIGN SCOPE OF WORK

 BASE BID 2 (ROOF REPLACEMENT)

TYPE BID	ROOF AREA	EXISTING ROOF TYPE	SQ. FT.
BASE BID	A	SINGLE-PLY	11,200
BASE BID	B	SINGLE-PLY	3,798
BASE BID	C	METAL PANEL	900

Bus Wash Plan

