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BASIS OF ESTIMATE

Opinion of Probable Construction Cost

RABBITTRANSIT OPERATIONS, MAINTENANCE & BUS STORAGE FACILITY

Harrisburg, PA

Project No.	EstimaBuild Project No. 26XXX
Estimate Class	Class 1 – Definitive (90% Design Estimate – Rev. 0)
Client / Owner	Susquehanna Regional Transportation Authority (SRTA)
Location	Confidential
Prepared For	Susquehanna Regional Transportation Authority (SRTA)
Prepared By	EstimaBuild LLC
Date / Revision	January 10, 2025 – Rev. 0
Project Dashboard	https://estimabuild.com/sample

This Opinion of Probable Construction Cost was prepared by EstimaBuild LLC for the exclusive use of the Susquehanna Regional Transportation Authority (SRTA). Any reliance on this document by any third party is strictly prohibited.

PROPRIETARY DO NOT DISTRIBUTE

1.0 BASIS OF ESTIMATE

1.1 Purpose

This Class 1 – Definitive estimate for the Rabbitransit Operations, Maintenance & Bus Storage Facility (the “Project”) has been prepared by EstimaBuild LLC on behalf of the Susquehanna Regional Transportation Authority (SRTA). It is intended to provide a realistic opinion of probable construction costs (OPCC) for direct and indirect project costs at the 90% design stage.

1.2 Project Scope

The Project comprises the Rabbitransit Operations, Maintenance & Bus Storage Facility, a major transit infrastructure project for SRTA located at 901 N. Cameron Street, Harrisburg, PA. The facility is designed to support the full operational, maintenance, and storage requirements of the Rabbitransit bus fleet. The project is delivered in two construction phases and encompasses approximately 225,902 SF of gross floor area across the main facility and associated site works.

Key scope elements include:

- Phase 1 and Phase 2 main facility construction totaling approximately 225,902 SF gross floor area, including all architectural, structural, and envelope systems
- Structural steel framing (1,113 tons primary framing + 411 tons joist and outriggers) with precast concrete panel and CMU exterior envelope systems
- Full mechanical, electrical, and plumbing (MEP) systems including heating water systems, HVAC equipment, electrical distribution (95 feeder circuits), lighting, plumbing fixtures, fire protection, and storm drainage
- Specialized transit facility equipment including 58 rotary screw compressors (50HP), a multi-component fuel system, and two Vertical Lift Modules (OV/OI)
- Comprehensive building site work including phased demolition, earthwork, asphalt and concrete paving, landscaping, security fencing, and civil utilities (water, sanitary, storm, gas)
- Communications, telecommunications, fire alarm, and access control systems

1.3 Methodology

The estimate is based on EstimaBuild’s review of the 90% design documents listed in Section 1.10, measured quantity take-offs from architectural, structural, civil, and MEP drawings, and competitive unit rates for the Harrisburg, PA construction market. The estimate represents fair market value as of January 10, 2025 and is not representative of the low bid; it assumes competitive open-market bidding for all scopes of work.

General requirements, indirects, and fees may vary depending on procurement methodology, phasing and staging requirements, construction schedule, and the degree of self-performed work by the General Contractor. The estimate is organized in Unifomat II elemental format to facilitate scope grouping by construction system and reconciliation across future design stages or change management.

1.4 Class of Estimate

This estimate was completed at a Class 1 – Definitive level, consistent with AACE International Recommended Practice No. 18R-97 – Cost Estimate Classification System. At 90% design completion, this estimate carries an expected degree of accuracy of –10% to +15%.

AACE Class	Estimate Name	Design Complete	Expected Accuracy
Class 5	Screening / Conceptual	0–2%	–50% to +100%
Class 4	Study / Feasibility	1–15%	–30% to +50%
Class 3	Budget / Preliminary	10–40%	–20% to +30%
Class 2	Control / Substantive	30–70%	–15% to +20%
Class 1	Definitive / Bid	70–100%	–10% to +15% ◀ THIS ESTIMATE

At this stage, quantities are based on measured take-offs from 90% design documents. The remaining design contingency of 2.5% reflects minor scope definition gaps anticipated between 90% and 100% design completion.

1.5 Unit Rates

All unit rates reflect current market conditions for the Harrisburg, PA construction market and are based on competitive, open-market labour and material pricing. Work is assumed to be performed during standard business hours (8 hours per day, 5 days per week) under typical site conditions.

Labour, material, and equipment rates include subcontractor overhead and profit at the trade level. Rates are current as of January 2025. Rate sources include recent EstimaBuild bid data for comparable transit and industrial facilities in the Mid-Atlantic region, and direct subcontractor feedback where available.

1.6 Mark-Ups & Allowances

The following mark-ups and allowances have been applied to the direct construction cost subtotal of \$87,666,223:

1.6.1 General Requirements – 11.4%

General requirements are included at 11.4% of direct construction costs. This reflects the complexity of a phased, specialized transit facility and covers on-site supervision and project management, temporary facilities and utilities, site safety programs, quality control and testing coordination, material receiving and handling, project documentation, and project closeout. The rate is consistent with market norms for facilities of this type and size.

1.6.2 GC Overhead & Profit – 8.0%

A General Contractor fee of 8.0% has been applied to the sum of direct construction costs and general requirements (\$106,000,351 construction cost subtotal). This rate reflects competitive market conditions for a mid-Atlantic public transit project of this scale. Fee may vary between 5% and 10% at procurement depending on GC risk assessment and market competition.

1.6.3 Bonds & Insurance – 1.5%

Performance and payment bonds are included at 1.5% of the construction cost, as is typical for a publicly-funded transit project of this nature. The 0.0% shown on the Project Summary cover sheet reflects that bonds were noted as Owner-procured for the summary tab; the 1.5% rate is applied in the Detail tab. Builder’s risk insurance is assumed to be provided by SRTA separately.

1.6.4 Project Logistics / Phasing & Labour Factor – 0.5%

A logistics and phasing factor of 0.5% has been applied to account for the two-phase construction sequence, site access constraints during phased operations, and productivity impacts from managing concurrent Phase 1 and

Phase 2 workfronts. This allowance should be revisited if the phasing sequence changes materially from the current design intent.

1.6.5 Escalation – 10.3%

An escalation allowance of 10.3% has been applied, calculated from January 2025 to the anticipated midpoint of construction. This rate reflects current construction cost inflation trends in the Harrisburg, PA market, with reference to the ENR Construction Cost Index and RSMeans historical escalation data. Given current market conditions, this allowance should be reviewed quarterly.

1.6.6 Design Contingency – 2.5%

A design contingency of 2.5% reflects the small residual scope uncertainty expected between 90% and 100% design completion. This allowance is appropriate for a Class 1 estimate and accounts for minor scope additions, coordination items, and final detailing not yet captured in the 90% document set.

1.6.7 Construction Contingency – 10.0%

A construction contingency of 10.0% has been included to account for construction-phase unknowns, including minor unforeseen field conditions, scope clarifications during construction, and bid market variability. For a project of this complexity (phased, specialized transit infrastructure), a 10% construction contingency is considered appropriate and prudent.

1.6.8 Owner's Soft Costs

Owner's soft costs are included at the following rates applied to the Net Construction Cost of \$131,825,482:

- Architectural / Engineering Design: 8.0% = \$10,546,039
- Architectural / Engineering Construction Administration: 4.0% = \$5,694,861
- Materials Testing & Commissioning: 1.0% = \$1,480,664
- Owner's Construction Contingency: 5.0% = \$7,477,352
- Program Management, Construction Management, and Miscellaneous Owner Costs: 0.0% (excluded at Owner's direction)

1.7 Significant Risks

The following risk factors have the greatest potential to impact the final cost of this Project based on our current knowledge:

- Phased Construction – The facility is delivered in two phases, introducing sequencing constraints, productivity impacts, and potential for concurrent scope conflicts. A 0.5% logistics factor has been applied; however, any material change to the phasing sequence or overlap duration may require additional cost assessment.
- Specialized Equipment Procurement – The facility includes long-lead transit-specific equipment: 58 rotary screw compressors (50HP), two Vertical Lift Modules (OF/OI), and a 9-component fuel system. Lead times may range from 20 to 52+ weeks. Early procurement and vendor engagement are strongly recommended to avoid schedule-driven cost premiums.
- Market Conditions – Harrisburg, PA – Steel, precast concrete, and MEP subcontractor pricing are subject to commodity and labour market fluctuation. The 10.3% escalation allowance reflects current market trajectory but should be revisited if procurement is delayed beyond Q3 2025.
- Geotechnical / Subsurface Risk – Rigid inclusion soil improvements have been allowed at \$1,848,000 (G1037). Any deviation from assumed bearing conditions or expansion of the improvement zone would represent additional cost not captured in this estimate.
- Existing Infrastructure Demolition – Phase 1 and Phase 2 demolition includes removal of existing buildings, HVAC systems, fuel tanks, utility poles, and asphalt paving. Unknown conditions within existing structures

- concealed MEP, hazardous materials, or buried utilities — carry inherent cost uncertainty not fully captured in the demolition allowances.
- Bidder Turnout – Specialized transit facility scopes (fuel systems, compressor installation, vertical lift modules, specialized electrical) may attract a limited number of qualified bidders. A targeted pre-qualification strategy is recommended to ensure adequate competition.

1.8 Assumptions, Inclusions & Exclusions

1.8.1 General Assumptions

The following general assumptions apply to this estimate:

- The estimate is prepared at a Class 1 – Definitive level based on 90% design documents. Quantities are based on measured take-offs; remaining 2.5% design contingency covers minor scope gaps to 100% completion.
- Gross floor area is 225,902 SF across both phases as dimensioned from the 90% architectural drawings.
- Normal working hours apply (8 hrs/day, 5 days/week). No premium overtime, shift work, or accelerated schedule premiums are included.
- Construction start is assumed Q2/Q3 2025 with the escalation allowance calculated accordingly. Schedule is estimated at approximately 24–36 months for phased completion.
- Soil bearing capacity is assumed adequate for the foundation systems shown in the 90% structural drawings. The rigid inclusion allowance (G1037 = \$1,848,000) is included for soil improvements as indicated.
- No rock excavation is assumed beyond what is anticipated in the Phase 1 and Phase 2 earthwork scopes.
- The facility is designed for transit operations occupancy and is assumed to meet all applicable IBC, NFPA 101, NFPA 13, and ADA accessibility requirements.
- Precast concrete panel wall systems (WA-1 through WA-6) are assumed competitively bid with a minimum of three precast suppliers.
- The fuel system (F1010, \$1,275,200 allowance based on 9 LS components) is based on a preliminary scope; final cost to be confirmed with the fuel system vendor during procurement.
- Vertical Lift Modules (E1011, \$1,618,720) are Owner-Furnished / Owner-Installed (OF/OI) and are included for reference only; final cost will be reconciled at procurement.
- Fire protection is sized for Extra Hazard (Group 2) occupancy in maintenance and bus storage areas, Ordinary Hazard in office and support areas, and Light Hazard in ancillary spaces.

1.8.2 Exclusions

The following items are specifically excluded from this estimate unless explicitly stated otherwise:

- Owner-Furnished / Owner-Installed (OF/OI) items beyond the Vertical Lift Modules already noted.
- Bus fleet vehicles, fueling dispensers, and any transit operations equipment not explicitly itemized.
- Sustainability / LEED certification costs (Sustainability Requirements line item = 0.0%).
- Program Management and Construction Management fees (both at 0.0% per Owner direction).
- Architectural and engineering design fees beyond the 12.0% combined rate included in Owner's Soft Costs.
- Permits, development charges, and utility connection fees.
- Offsite infrastructure upgrades to Cameron Street or adjacent public rights-of-way beyond G3020–G3060 civil allowances.
- Costs related to relocation of existing Rabbittransit operations during phased construction.

- Environmental testing and remediation related to existing fuel tanks (G1025 covers removal allowance only; disposal/remediation costs are excluded).
- Taxes (sales tax on materials and equipment), unless applicable under Pennsylvania law and not exempted under SRTA's public authority status.
- Extraordinary price volatility, force majeure events, or cost impacts from changes in law or regulation after January 10, 2025.
- Costs arising from permit appeals, third-party litigation, or regulatory delays.

1.9 Statement of Probable Costs

STATEMENT OF PROBABLE COSTS

This Opinion of Probable Construction Cost (OPCC) represents EstimaBuild's best professional judgment as a cost estimating firm familiar with the construction industry. Unless and to the extent otherwise indicated by EstimaBuild, such opinions or evaluations are based on current market rates for labour, material, and equipment. EstimaBuild has no control over the costs of said labour, materials, or equipment, construction contractors' methods of determining bid prices, competitive bidding environments, unidentified field conditions, market conditions, inflationary or deflationary price cycles, or any other factors that may affect the OPCC, the project budget, or negotiating conditions at the time of project execution. The Client further acknowledges that the OPCC is a "snapshot" in time and that its reliability will degrade over time. Accordingly, EstimaBuild does not warrant or represent that construction bids or negotiated prices will not vary from the Client's project budget or EstimaBuild's OPCC. It is recommended that a minimum of four (4) bids be received to ensure competitive pricing.

This estimate does not constitute an offer to undertake any work.

1.10 Reference Documents

The following reference documents served as the estimating basis for this OPCC:

Reference Document	Date
Architectural / Engineering 90% Design Drawing Set – Rabbitransit O&M Facility	December 2024
Mechanical, Electrical & Plumbing 90% Design Documents	December 2024
Civil Site Plans – Phase 1 & Phase 2	December 2024
Geotechnical Investigation Report	TBD / As Issued
Project RFP / Owner's Project Requirements (OPR)	As Issued

APPENDIX A UNIFORMAT II COST SUMMARY

The table below provides a Uniformat II elemental cost summary for the Rabbitransit Operations, Maintenance & Bus Storage Facility.

REF	Construction System	Element / Group Total	% of Total	Cost / SF
A	Substructure	\$5,739,743	6.5%	\$25.41
	Standard Foundations	\$1,794,693	2.0%	\$7.94
	Special Foundations	\$715,387	0.8%	\$3.17
	Slab on Grade	\$3,229,663	3.7%	\$14.30
B	Shell	\$27,317,710	31.2%	\$120.93
	Superstructure	\$10,324,623	11.8%	\$45.70
	Exterior Closure	\$11,906,825	13.6%	\$52.71
	Roofing	\$5,086,263	5.8%	\$22.52
C	Interiors	\$5,148,743	5.9%	\$22.79
	Interior Construction	\$2,652,317	3.0%	\$11.74
	Interior Finishes	\$2,496,425	2.8%	\$11.05
D	Services	\$27,720,994	31.6%	\$122.71
	Conveying Systems	\$176,000	0.2%	\$0.78
	Plumbing	\$3,207,544	3.7%	\$14.20
	HVAC	\$10,782,496	12.3%	\$47.73
	Fire Protection	\$1,441,118	1.6%	\$6.38
	Electrical	\$9,655,707	11.0%	\$42.74
	Communications & Electronic Safety	\$2,458,129	2.8%	\$10.88
E	Equipment & Furnishings	\$7,413,632	8.5%	\$32.81
	Equipment	\$6,945,120	7.9%	\$30.74
	Furnishings	\$468,512	0.5%	\$2.07
F	Special Construction & Demolition	\$1,275,200	1.5%	\$5.64
G	Building Site Work	\$13,050,201	14.9%	\$57.77
	TRADE COST SUBTOTAL	\$87,666,223	100.0%	\$388.07

TRADE COST SUBTOTAL \$87,666,223 \$388.07 / SF	NET CONSTRUCTION COST \$131,825,482 \$583.55 / SF	PROJECT TOTAL \$157,024,398 \$695.10 / SF
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The interactive project dashboard, including real-time cost breakdowns and scenario analysis, is accessible at:

<https://estimabuild.com/sample>

PROPRIETARY DO NOT DISTRIBUTE



DATE 1/10/2025

Project Title	Rabbittransit Operations, Maintenance & Bus Storage Facility
Location	Confidential
Estimate Class	90% Design Estimate - Rev.0
Client Name	Susquehanna Regional Transportation Authority (SRTA)

RABBITTRANSIT OPERATIONS, MAINTENANCE & BUS STORAGE FACILITY

PROJECT SUMMARY

#	PROJECT COMPONENTS	ESTIMATE FORMAT	GROSS AREA (SF)	COST / SF	TOTAL
1	OPTION 1 - Main Facility & Parks & Rec (Uniformat)	Uniformat	225,902	\$ 388.07	\$ 87,666,223
	Hard Costs (Trade Cost Subtotal)				\$ 87,666,223

	MARKUPS, ESCALATION & CONTINGENCIES	RATE		AMOUNT
	General Requirements & Temp. Construction	11.4%		\$ 9,993,949
	GC Overhead & Profit	8.0%		\$ 7,812,814
	Bonds & Insurance	0.0%		\$ -
	Project Logistics / Phasing & Labor Factor	0.5%		\$ 527,365
	Sustainability Requirements	0.0%		\$ -
	Construction Cost Subtotal			\$ 106,000,351
	Escalation	10.3%		\$ 10,918,036
	Design Contingency	2.5%		\$ 2,922,960
	Construction Contingency	10.0%		\$ 11,984,135
	Net Construction Cost		\$/SF → \$ 583.55	\$ 131,825,482

	OWNER'S SOFT COSTS	RATE		AMOUNT
	Program Management	0.0%		\$ -
	Construction Management	0.0%		\$ -
	Architectural / Engineering Design	8.0%		\$ 10,546,039
	Architectural / Engineering Construction Admin	4.0%		\$ 5,694,861
	Materials Testing & Commissioning	1.0%		\$ 1,480,664
	Owner's Construction Contingency	5.0%		\$ 7,477,352
	Miscellaneous Owner Costs (Legal, Permits)	0.0%		\$ -
	PROJECT TOTAL		\$/SF → \$ 695.10	\$ 157,024,398

This estimate is intended to provide a realistic opinion of probable construction costs (OPCC) for direct and indirect values. Unless and to the extent otherwise indicated by Estimabuild, such opinions or evaluations are based on current market rates for labor, material and equipment. Estimabuild has no control over the costs of said labor, materials, or equipment, construction contractor's methods of determining bid prices, competitive bidding environments, unidentified field conditions, market conditions, inflationary or deflationary price cycles, pandemics or any other factors that may affect the OPCC, the project budget or negotiating conditions at the time of project execution. Further, the OPCC is a "snapshot" in time and that the reliability of the OPCC will degrade over time. Accordingly, Estimabuild does not warrant or represent that construction bids or negotiated prices will not vary from the Client's project budget or Estimabuild's OPCC.

The estimate is based on our assessment of the information provided, measured quantities where possible and competitive rates for the project type. The value is not representative of the low bid and assumes competitive bidding for all works. General requirements and fee may vary from the estimated value depending on procurement methodology and degree of self performed work by General Contractor. It is recommended that a minimum of four (4) bids be received to ensure competitive pricing.

This estimate does not constitute an offer to undertake any work.



DATE 1/10/2025

Project Title	Rabbittransit Operations, Maintenance & Bus Storage Facility
Location	Confidential
Estimate Class	90% Design Estimate - Rev.0
Client Name	Susquehanna Regional Transportation Authority (SRTA)

Rabbittransit Operations, Maintenance & Bus Storage Facility

MAIN FACILITY UPGRADES

REF	CONSTRUCTION SYSTEM	ELEMENT TOTAL	% OF TOTAL	COST / SF	GROUP TOTAL
A	Substructure				\$ 5,739,743
	Standard Foundations	\$ 1,794,693	18.0%	\$ 7.94	
	Special Foundations	\$ 715,387	7.2%	\$ 3.17	
	Slab on Grade	\$ 3,229,663	32.3%	\$ 14.30	
B	Shell				\$ 27,317,710
	Superstructure	\$ 10,324,623	103.3%	\$ 45.70	
	Exterior Closure	\$ 11,906,825	119.1%	\$ 52.71	
	Roofing	\$ 5,086,263	50.9%	\$ 22.52	
C	Interiors				\$ 5,148,743
	Interior Construction	\$ 2,652,317	26.5%	\$ 11.74	
	Interior Finishes	\$ 2,496,425	25.0%	\$ 11.05	
D	Services				\$ 27,720,994
	Conveying Systems	\$ 176,000	1.8%	\$ 0.78	
	Plumbing	\$ 3,207,544	32.1%	\$ 14.20	
	HVAC	\$ 10,782,496	107.9%	\$ 47.73	
	Fire Protection	\$ 1,441,118	14.4%	\$ 6.38	
	Electrical	\$ 9,655,707	96.6%	\$ 42.74	
	Communications & Electronic Safety	\$ 2,458,129	24.6%	\$ 10.88	
E	Equipment & Furnishings				\$ 7,413,632
	Equipment	\$ 6,945,120	69.5%	\$ 30.74	
	Furnishings	\$ 468,512	4.7%	\$ 2.07	
F	Special Construction & Demolition				\$ 1,275,200
	Special Construction	\$ 1,275,200	12.8%	\$ 5.64	
	Selective Demolition	\$ -	0.0%	\$ -	
G	Building Site Work	\$ 13,050,201	130.6%	\$ 57.77	\$ 13,050,201
	TRADE COST SUBTOTAL				\$ 87,666,223
	MARKUPS, ESCALATION & CONTINGENCIES	RATE			AMOUNT
	General Requirements & Temp. Construction	11.4%			\$ 9,993,949
	GC Overhead & Profit	8.0%			\$ 7,812,814
	Bonds & Insurance	0.0%			\$ -
	Project Logistics / Phasing & Labor Factor	0.5%			\$ 527,365
	Sustainability Requirements	0.0%			\$ -
	Construction Cost Subtotal				\$ 106,000,351
	Escalation	10.3%			\$ 10,918,036
	Design Contingency	2.5%			\$ 2,922,960
	Construction Contingency	10.0%			\$ 11,984,135
	Net Construction Cost				\$ 131,825,482
	OWNER'S SOFT COSTS	RATE			AMOUNT
	Program Management	0.0%			\$ -
	Construction Management	0.0%			\$ -
	Architectural / Engineering Design	8.0%			\$ 10,546,039
	Architectural / Engineering Construction Admin	4.0%			\$ 5,694,861
	Materials Testing & Commissioning	1.0%			\$ 1,480,664
	Owner's Construction Contingency	5.0%			\$ 7,477,352
	Miscellaneous Owner Costs (Legal, Permits)	0.0%			\$ -
	PROJECT TOTAL				\$ 157,024,398



DATE

1/10/2025

Project Title	Rabbittransit Operations, Maintenance & Bus Storage Facility
Location	Confidential
Estimate Class	90% Design Estimate - Rev.0
Client Name	Susquehanna Regional Transportation Authority (SRTA)

RABBITTRANSIT OPERATIONS, MAINTENANCE & BUS STORAGE FACILITY

MAIN FACILITY UPGRADES

REF	UF CODE	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
A		SUBSTRUCTURE				
A10		Foundations				
A1010		Standard Foundations				
1	A1010	Piers - 4,500 PSI	46.00	CY	\$ 264.00	\$ 12,144
2	A1011	Foundations - Strip and Spread footings - 4,500 PSI	1,176.00	CY	\$ 264.00	\$ 310,464
3	A1012	Housekeeping Pad - 4,000 PSI	188.00	CY	\$ 257.00	\$ 48,316
4	A1013	Strip Footing, Spread Footing and Pier	12,635.00	SF	\$ 17.20	\$ 217,322
5	A1014	Housekeeping Pads	1,080.00	SF	\$ 21.40	\$ 23,112
6	A1015	Water Stop	14,500.00	LF	\$ 15.70	\$ 227,650
7	A1016	Dowels incl. Drilling and Grouting	2,000.00	EA	\$ 71.70	\$ 143,400
8	A1017	Spread Footing (allow 9.3 lbs/ft3) - Epoxy coated	296,844.00	LB	\$ 2.50	\$ 742,110
9	A1018	Piers (allow 9.3 lbs/ft3) - Epoxy coated	11,550.00	LB	\$ 2.50	\$ 28,875
10	A1019	Housekeeping Pad (allow 7.78 lbs/ft3) - Epoxy coated	16,520.00	LB	\$ 2.50	\$ 41,300
		SUBTOTAL A1010				\$ 1,794,693
A1020		Special Foundations				
11	A1020	Phase 1 - Foundations	110,805.00	SF	\$ 3.52	\$ 390,034
12	A1021	Phase 2 - Foundations	92,430.00	SF	\$ 3.52	\$ 325,354
		SUBTOTAL A1020				\$ 715,387
A1030		Slab on Grade				
13	A1030	Underslab Vapor Barrier - Foam	225,902.00	SF	\$ 0.50	\$ 112,951
14	A1031	Slab On Grade - 4,000 PSI	5,287.00	CY	\$ 246.40	\$ 1,302,717
15	A1032	Slab On Grade - Non-Epoxy Coated	345,150.00	LB	\$ 1.60	\$ 552,240
16	A1033	Welded Wire Mesh on Concrete Slab	222,030.00	SF	\$ 1.50	\$ 333,045
17	A1034	Trowel Finish Concrete Slab On Grade	222,030.00	SF	\$ 1.40	\$ 310,842
18	A1035	Trowel Finish Concrete Slab On Deck, 3 1/2" thick	15,298.00	SF	\$ 1.80	\$ 27,536
19	A1036	Thickened Slab at interior CMU walls, misc. areas (1' thick)	2,150.00	SF	\$ 70.40	\$ 151,360
20	A1037	Slab on grade underslab extruded insulation (3" XPS, R15)	52,050.00	SF	\$ 3.60	\$ 187,380
21	A1038	Precast Hollowcore Slab (12" thick)	9,530.00	SF	\$ 26.40	\$ 251,992
		SUBTOTAL A1030				\$ 3,229,663
B		SHELL				
B10		Superstructure				
B1010		Floor Construction				
22	B1010	Topping On Metal Deck - 4,000 PSI	166.00	CY	\$ 257.00	\$ 42,662
23	B1011	Slab On Metal Deck (allow 4.25 lbs/ft3)	34,829.00	LB	\$ 2.10	\$ 73,141
24	B1012	Concrete topping for metal pan stairs	1,430.00	SF	\$ 13.20	\$ 18,876
25	B1013	Structural Steel Framing	1,113.00	TON	\$ 6,400.00	\$ 7,123,200
26	B1014	Steel Joist and Outriggers	411.00	TON	\$ 6,000.00	\$ 2,466,000
27	B1015	Base Plates and Anchor Bolts	1.00	LS	\$ 35,200.00	\$ 35,200
28	B1016	Metal Deck - Mezzanine	15,330.00	SF	\$ 8.40	\$ 128,772
29	B1017	Allowance for Metal Fabrication	1.00	LS	\$ 308,000.00	\$ 308,000
		SUBTOTAL B1010				\$ 10,195,851
B1020		Roof Construction				
30	B1020	Metal Deck - Roof	15,330.00	SF	\$ 8.40	\$ 128,772
		SUBTOTAL B1020				\$ 128,772
B20		Exterior Closure				
B2010		Exterior Walls				
31	B2010	WA-1 Precast Panel	93,357.00	SF	\$ 58.00	\$ 5,414,706
32	B2011	WA-3 Precast Panel on CMU	4,140.00	SF	\$ 63.40	\$ 262,476
33	B2012	WA-4 Precast Panel with 8" CMU	3,381.00	SF	\$ 74.80	\$ 252,899
34	B2013	WA-5 Precast Panel with 8" CMU	1,403.00	SF	\$ 68.70	\$ 96,386
35	B2014	WA-6 Precast on Cold Formed Framing	7,526.75	SF	\$ 67.80	\$ 510,314
36	B2015	Concrete Walls	500.00	CY	\$ 264.00	\$ 132,000
37	B2016	Concrete Wall Formwork	10,350.00	SF	\$ 21.40	\$ 221,490
38	B2017	Concrete Wall Reinforcing	151,440.00	LB	\$ 2.10	\$ 318,024
39	B2018	CMU Wall - M09 - 8 NOM	15,540.00	SF	\$ 17.90	\$ 278,166
40	B2019	CMU Wall w/ Firestop M10/M11	4,438.00	SF	\$ 20.70	\$ 91,867
41	B2020	CMU Wall - M18 - 10 NOM	4,942.00	SF	\$ 22.50	\$ 111,195
42	B2021	CMU Wall - M20 - 10 NOM	336.00	SF	\$ 22.50	\$ 7,560
43	B2022	WA-2 Metal Stud Wall	36,949.50	SF	\$ 48.40	\$ 1,788,356
44	B2023	Parapet Flashing	32.00	LF	\$ 7,040.00	\$ 225,280
45	B2024	Joint Sealants	1.00	LS	\$ 176,000.00	\$ 176,000
46	B2025	Expansion Joint Cover	1.00	LS	\$ 61,600.00	\$ 61,600
		SUBTOTAL B2010				\$ 9,948,318



DATE

1/10/2025

Project Title	Rabbittransit Operations, Maintenance & Bus Storage Facility
Location	Confidential
Estimate Class	90% Design Estimate - Rev.0
Client Name	Susquehanna Regional Transportation Authority (SRTA)

RABBITTRANSIT OPERATIONS, MAINTENANCE & BUS STORAGE FACILITY

B2030		Exterior Windows & Doors					
47	B2030	SF-1 Storefront	6,707.00	SF	\$	98.00	\$ 657,286
48	B2031	Doors, Frames and Hardware	185.00	EA	\$	2,200.00	\$ 407,000
49	B2032	Windows (AL-1A thru 1D)	77.00	SF	\$	70.40	\$ 5,421
50	B2033	Overhead Sectional Door	20.00	EA	\$	13,200.00	\$ 264,000
51	B2034	Overhead Colling Door (8x8/10x10)	2.00	EA	\$	17,600.00	\$ 35,200
52	B2035	Overhead Colling Door (14x14)	9.00	EA	\$	26,400.00	\$ 237,600
53	B2036	Aluminum Entrance Door	10.00	LS	\$	30,800.00	\$ 308,000
54	B2037	Louwer Allowance	1.00	LS	\$	44,000.00	\$ 44,000
		SUBTOTAL B2030					\$ 1,958,507
B30		Roofing					
B3010		Roofing					
55	B3010	RA-1 Metal Deck Roof - Fully Adhered Single Ply	96,075.00	SF	\$	17.60	\$ 1,690,920
56	B3011	RA-2 Metal Deck Roof - Standing Seam	111,506.00	SF	\$	26.40	\$ 2,943,758
57	B3012	RA-3 Precast Roof - Single Ply	9,084.00	SF	\$	14.30	\$ 129,901
58	B3013	RA-4 Metal Deck Roof - Standing Seam Non-Insul	5,939.00	SF	\$	22.90	\$ 136,003
59	B3014	Bentonite Waterproofing Allowance	2,400.00	SF	\$	35.20	\$ 84,480
60	B3015	Crystalline Waterproofing Allowance	100.00	SF	\$	132.00	\$ 13,200
61	B3016	Pit/Elevator Basement Waterproofing	1.00	LS	\$	22,000.00	\$ 22,000
62	B3017	Roof Walkway/Parapet Ladder	1.00	LS	\$	35,200.00	\$ 35,200
63	B3018	Fire Stopping & Roofing	1.00	LS	\$	30,800.00	\$ 30,800
		SUBTOTAL B3010					\$ 5,086,263
C		INTERIORS					
C10		Interior Construction					
C1010		Partitions					
64	C1010	CMU Partition Wall - M08	6,034.00	SF	\$	16.80	\$ 101,371
65	C1011	Rough Carpentry Allowance	1.00	LS	\$	88,000.00	\$ 88,000
66	C1012	Finish Carpentry Allowance	5,150.00	LS	\$	26.40	\$ 135,960
67	C1013	A06-GWB	5,120.00	SF	\$	14.10	\$ 72,192
68	C1014	B13-GWB	12,376.00	SF	\$	17.60	\$ 217,818
69	C1015	C10-GWB Stud Wall	36,862.00	SF	\$	22.00	\$ 810,964
70	C1016	C14/15/20 GWB Stud Wall w Firestop	8,098.00	SF	\$	24.70	\$ 200,021
71	C1017	GWB Ceiling	18,505.00	SF	\$	13.20	\$ 244,266
		SUBTOTAL C1010					\$ 1,870,591
C1020		Interior Doors					
72	C1020	Interior Glass	1.00	LS	\$	44,000.00	\$ 44,000
		SUBTOTAL C1020					\$ 44,000
C1030		Specialties					
73	C1030	Visual Display Units / Signage	1.00	LS	\$	30,800.00	\$ 30,800
74	C1031	Signage Allowance	1.00	LS	\$	66,000.00	\$ 66,000
75	C1032	Phenolic Toilet Partition	8.00	EA	\$	1,452.00	\$ 11,616
76	C1033	Phenolic ADA Toilet Partition	3.00	EA	\$	1,848.00	\$ 5,544
77	C1034	Phenolic Urinal Screen	4.00	EA	\$	792.00	\$ 3,168
78	C1035	Toilet/Bath Accessories	1.00	LS	\$	46,706.00	\$ 46,706
79	C1036	Fire Extinguishers	1.00	LS	\$	5,280.00	\$ 5,280
80	C1037	Fire Protection Cabinets	1.00	LS	\$	10,560.00	\$ 10,560
81	C1038	Metal Locker w/ Bench	21.00	EA	\$	528.00	\$ 11,088
82	C1039	Metal Locker, Two Tier	58.00	EA	\$	418.00	\$ 24,244
83	C1040	Folding Panel Partition	1.00	EA	\$	30,800.00	\$ 30,800
84	C1041	Corner Guards Allowance	1.00	LS	\$	7,040.00	\$ 7,040
		SUBTOTAL C1030					\$ 252,846
C20		Stairs					
C2010		Stair Construction					
85	C2010	CIP Stair (9 risers w/ Landing)	240.00	SF	\$	132.00	\$ 31,680
86	C2011	Metal Stairs	7.00	EA	\$	17,600.00	\$ 123,200
87	C2012	Metal Railing	2,500.00	LF	\$	132.00	\$ 330,000
		SUBTOTAL C2010					\$ 484,880
C30		Interior Finishes					
C3010		Wall Finishes					
88	C3010	Seal/Stained Coating	198,000.00	LS	\$	5.30	\$ 1,049,400
89	C3011	Wall Tile	6,800.00	SF	\$	22.00	\$ 149,600
90	C3012	Painting	1.00	SF	\$	440,000.00	\$ 440,000
91	C3013	Non-Slip Stair Edge	1,000.00	SF	\$	1.40	\$ 1,400
		SUBTOTAL C3010					\$ 1,640,400



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RABBITTRANSIT OPERATIONS, MAINTENANCE & BUS STORAGE FACILITY

	C3020	Floor Finishes					
92	C3020	Luxury Vinyl Tile	5,050.00	SF	\$ 19.40	\$	97,970
93	C3021	Carpet Tile	7,666.00	SF	\$ 7.10	\$	54,429
94	C3022	Porcelain Floor Tile	1,840.00	SF	\$ 10.60	\$	19,504
95	C3023	Resilient Tile Flooring	1,410.00	SF	\$ 15.90	\$	22,419
96	C3024	Polished Concrete Flooring	6,500.00	SF	\$ 13.20	\$	85,800
		SUBTOTAL C3020				\$	280,122
	C3030	Ceiling Finishes					
97	C3030	Acoustic Ceiling Tile	20,809.00	SF	\$ 11.50	\$	239,304
98	C3031	Exposed Ceiling Paint	187,000.00	SF	\$ 1.80	\$	336,600
		SUBTOTAL C3030				\$	575,904
	D	SERVICES					
	D10	Conveying					
	D1010	Elevators & Lifts					
99	D1010	Elevator, 2 Stops	1.00	EA	\$ 176,000.00	\$	176,000
		SUBTOTAL D1010				\$	176,000
	D20	Plumbing					
	D2010	Plumbing Fixtures					
100	D2010	Plumbing Fixtures & Specialty	46.00	LS	\$ 22,452.03	\$	1,032,793
		SUBTOTAL D2010				\$	1,032,793
	D2020	Domestic Water Distribution					
101	D2020	Plumbing - Domestic Water	9.00	LS	\$ 53,737.12	\$	483,634
		SUBTOTAL D2020				\$	483,634
	D2030	Sanitary Waste					
102	D2030	Plumbing - Sanitary Drain	3.00	LS	\$ 39,862.00	\$	119,586
		SUBTOTAL D2030				\$	119,586
	D2040	Rain Water Drainage					
103	D2040	Plumbing - Storm Drain	6.00	LS	\$ 121,972.20	\$	731,833
		SUBTOTAL D2040				\$	731,833
	D2090	Other Plumbing					
104	D2090	Venting	4.00	LS	\$ 18,199.88	\$	72,800
105	D2091	Oil Waste	2.00	LS	\$ 177,711.50	\$	355,423
106	D2092	Natural Gas	6.00	LS	\$ 68,579.07	\$	411,474
		SUBTOTAL D2090				\$	839,697
	D30	HVAC					
	D3010	Energy Supply (Heating)					
107	D3010	Heating Water System	34.00	LS	\$ 141,415.43	\$	4,808,125
108	D3011	HVAC Equipment	37.00	LS	\$ 106,719.22	\$	3,948,611
		SUBTOTAL D3010				\$	8,756,736
	D3030	HVAC Distribution / Controls					
109	D3030	Controls and Control Wiring	1.00	LS	\$ 1,408,000.00	\$	1,408,000
		SUBTOTAL D3030				\$	1,408,000
	D3090	Other HVAC / Process					
110	D3090	1" Lube Oil Pipe complete with Fitting and Valve	6,400.00	LF	\$ 57.60	\$	368,640
111	D3091	1" Compressor Air Pipe complete with Fitting and Valve	4,800.00	LF	\$ 51.90	\$	249,120
		SUBTOTAL D3090				\$	617,760
	D40	Fire Protection					
	D4010	Sprinklers / Fire Suppression					
112	D4010	Fire Protection Ordinary Hazard	62,441.00	SF	\$ 5.80	\$	362,158
113	D4011	Fire Protection Light Hazard	22,434.00	SF	\$ 5.30	\$	118,900
114	D4012	Fire Protection Extra Hazard	148,142.00	SF	\$ 6.20	\$	918,480
115	D4013	Fire Protection Extra Hazard, Form Suppression System	1.00	LS	\$ 41,580.00	\$	41,580
		SUBTOTAL D4010				\$	1,441,118
	D50	Electrical					
	D5010	Electrical Service & Distribution					
116	D5010	Distribution & Feeders	95.00	LS	\$ 70,530.87	\$	6,700,433
117	D5011	Wiring Devices	12.00	LS	\$ 51,478.10	\$	617,737
		SUBTOTAL D5010				\$	7,318,170
	D5020	Lighting & Branch Wiring					
118	D5020	Lighting	53.00	LS	\$ 44,104.48	\$	2,337,537

PROPRIETARY DO NOT DISTRIBUTE

