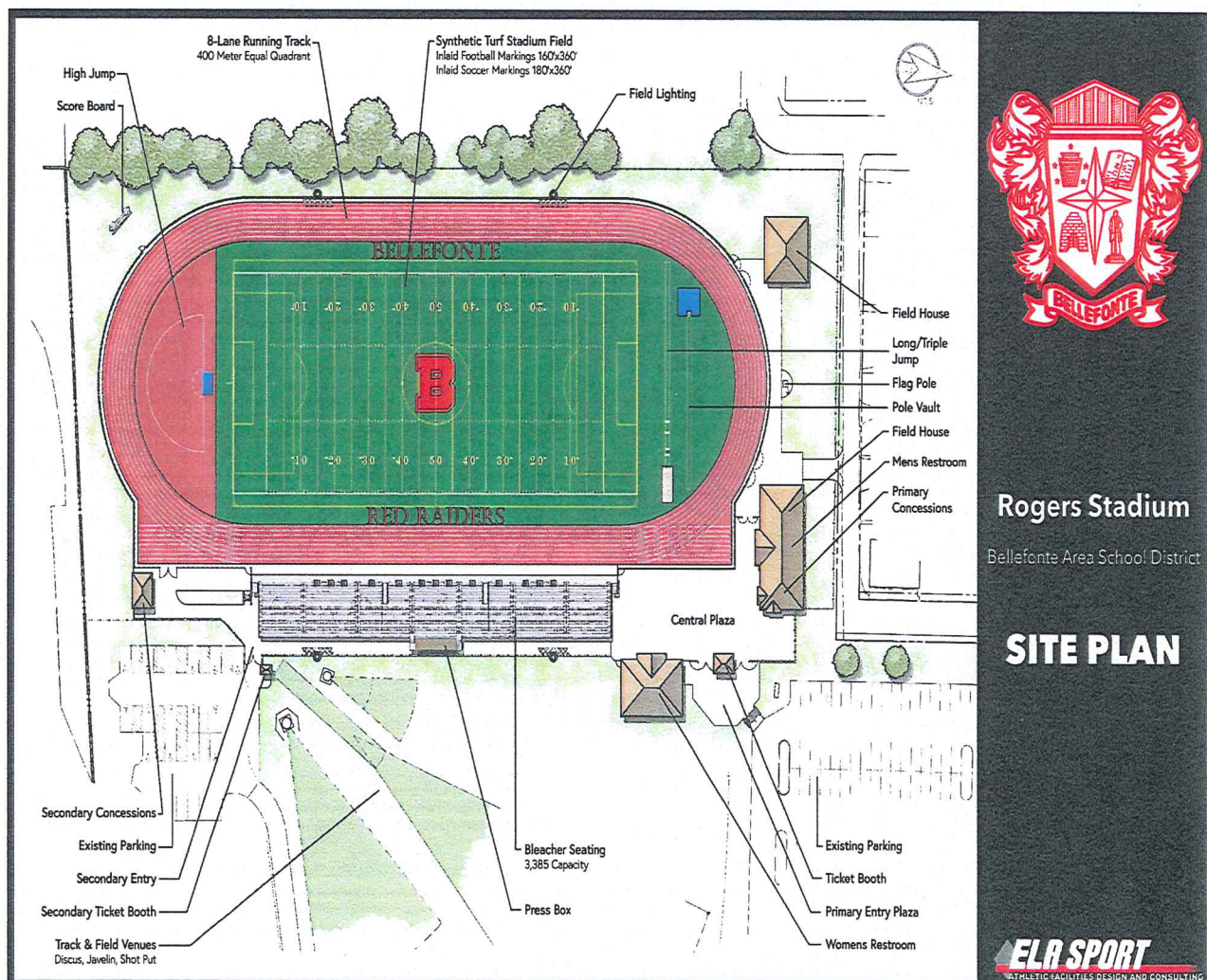


Bellefonte Area School District

Rogers Stadium Phase II Construction

Monthly PROGRESS REPORT #2

May 2019



Reynolds

**Bellefonte Area School District
Rogers Stadium Phase II Construction
PROGRESS REPORT #2
May 22, 2019**

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SECTION 1 - PROJECT SUMMARY EXECUTIVE SUMMARY

With a month of construction behind us, the Phase II renovations to Rogers Stadium is showing great promise as we are making good progress at this point in the project.

All building layout and footing excavation has been completed which marks a big accomplishment towards meeting the substantial completion date for this project of July 26.

As stated in the previous months report Phase II of this project will encompass all the support structures, which totals six (6) new buildings for the stadium including; Visitors Field House, Home Team Field House/Men's Restroom/Primary Concessions, Women's Restroom, Secondary Concessions and Two (2) Ticket Booths.

With the footings placed for each building the CMU block foundations are nearing completion on the four buildings at the North end of the stadium which includes the Visitor and Home Team Field Houses, Women's Restroom and the Large Ticket Booth. Back fill of the interiors of each of these four buildings is complete and once under slab rough ins are complete, concrete slab on grade can be placed. Foundations for the other two buildings at the South end of the stadium are planned for early next month.

The underground rough-ins for water, sewer and electrical have been completed with sleeves placed through the foundations for access to under slab building rough-ins. The under slab rough-ins for the women's restroom is 100% and work on the under slab rough-ins in the Visitors Field house has begun.

As we continue to move along with work on site, we are looking to be under roof in the four buildings to the North of the stadium by early to mid -June. If we achieve this, that will allow us to continue to work completing these buildings even in rainy weather.

Our hope is that the weather will continue to cooperate and allow us to complete a majority of exterior work by the end of June.

As you will see reflected on the schedule, we are right where we need to be to be able to complete this project as intended.

REQUISITION FOR PAYMENT:

Payments for the month of May equal \$31,492.00. The total value of work complete and materials stored to date equal \$34,991.00. This equates to 1% of the total construction cost of the project.

PROPOSED CHANGE ORDERS:

At present there is one change order submitted from JC Orr to change the door frame heads from 2" to 4". The amount of this change order is \$423.91.

SECTION 2 - PROJECT UPDATE

There are approximately thirteen (13) weeks of construction scheduled for this project with a substantial completion date set for July 26, 2019. Contracts have been fully executed and returned to the contractor's with notice to proceed issued. The construction has been ongoing for approx. five (5) weeks which leaves approximately nine (9) weeks remaining for project completion.

Contractors and the progress they are making at this time is as follows:

General Trades – JC Orr & Son, Inc.: Complete footing excavation at all buildings. Re-bar reinforcement placed in all footings. Concrete footings installed at all buildings. Foundations complete at the four (4) buildings at the north end of stadium. Back fill is complete at these four buildings ready for under slab rough-ins. CMU back-up is being installed at two of these buildings and is about 25% complete.

Plumbing – Joseph C. Hazel, Inc.: Water/Sewer sleeves are complete at all buildings. Water/Sewer rough ins is complete at the four (4) buildings at the north end of the stadium. Women's Restroom under slab rough-ins is 100% complete and rough-ins have begun at the Visitor's Field House.

HVAC – Shannon A. Smith: Coordination drawings are being completed for review and approval. Once complete, duct work fabrication can begin. Once the buildings are weathertight the duct work and mechanical equipment can be installed.

Electrical – Westmoreland Electrical Services, LLC: Temporary power has been installed and this contractor is fully mobilized on site. Sleeves have been placed at all footings and under slab rough ins have begun at the four (4) buildings at the north end of the stadium. This contractor will continue to coordinate with the GC to follow the masonry contractor and rough-in with boxes and conduit in the CMU block walls.

Additionally, there is some portion of work that still remains on Phase I. This work includes the overlay of the track, section D pavement of the field and the javelin pavement surface, using a urethane coating which includes any markings and line striping required. This work is scheduled to start on May 29th.

SECTION 2 – CPM SCHEDULE

Activity ID	Activity Name	Original Duration	Start	Finish	Total Pools	A	A	M	M	M	M	J	J	J	J	J	J	A	A	A	S	S	S	S	O	O	O	O
TEMP-1020	Install Temporary Construction Entrances	3	13-May-19	15-May-19	0																							
Division 31 Earthwork					7																							
DV31-1000	Clear, Grub, and Erosion Control	28	16-May-19	27-Jun-19	0																							
DV31-1010	Site Grading	2	16-May-19	17-May-19	0																							
DV31-1020	Excavate for footings, slabs-on-grade, and paving.	2	20-May-19	21-May-19	0																							
DV31-1030	Backfill	2	22-May-19	23-May-19	0																							
DV31-1030	Backfill	2	26-Jun-19	27-Jun-19	7																							
Division 03 Concrete					11																							
DV03-1000	Form and Reinforce Building Footers	2	24-May-19	26-May-19	0																							
DV03-1010	Cast Building Footer	1	24-May-19	25-May-19	0																							
DV03-1020	Concrete Cure Building Footers	2	26-May-19	28-May-19	0																							
DV03-1030	Form and Reinforce Foundation Walls	2	30-May-19	03-Jun-19	0																							
DV03-1040	Cast Foundation Walls	1	04-Jun-19	04-Jun-19	0																							
DV03-1050	Concrete Cure Foundation Walls	2	05-Jun-19	06-Jun-19	0																							
DV03-1060	Form and Reinforce Building Slabs	2	05-Jun-19	06-Jun-19	0																							
DV03-1070	Cast Building Slabs	1	07-Jun-19	07-Jun-19	0																							
DV03-1080	Concrete Cure Building Slabs	2	10-Jun-19	11-Jun-19	0																							
Division 04 Masonry					5																							
DV04-1000	Install CMU Wall	3	12-Jun-19	14-Jun-19	0																							
DV04-1010	Install Masonry Veneer	2	17-Jun-19	18-Jun-19	0																							
Division 05 Metals					19																							
DV05-1000	Place Steel Bolts	1	07-Jun-19	05-Jul-19	1																							
DV05-1010	Form and Pour Concrete Pedestals & Bolts	2	10-Jun-19	11-Jun-19	0																							
DV05-1020	Install Downspouts and Guards	1	05-Jul-19	05-Jul-19	1																							
DV05-1030	Frame Walls and Roof	4	19-Jun-19	24-Jun-19	0																							
DV05-1040	Install Wood Roof Trusses and Girders	4	19-Jun-19	24-Jun-19	0																							
DV05-1050	Install Sheathing	2	26-Jun-19	27-Jun-19	0																							
DV05-1060	Install Thermal and Moisture Protection	9	26-Jun-19	03-Jul-19	2																							
DV07-1000	Install Metal Wall Panels	2	26-Jun-19	27-Jun-19	0																							
DV07-1010	Install Metal Roof Panels	2	26-Jun-19	27-Jun-19	0																							
DV07-1020	Install Insulation Walls and Roof	1	02-Jul-19	02-Jul-19	0																							
DV07-1030	Install Sheet Metal Flashing and Trim	1	03-Jul-19	03-Jul-19	0																							
DV07-1040	Install Weather Barriers For Frames Walls	2	03-Jul-19	05-Jul-19	2																							
DV07-1050	Install Gutters and Downspouts	2	05-Jul-19	06-Jul-19	0																							
DV07-1060	Seal Penetrations	2	06-Jul-19	08-Jul-19	2																							
Division 08 Openings					19																							
DV08-1000	Install Door Frames	3	25-Jun-19	27-Jun-19	6																							
DV08-1010	Install Fixed Extended Aluminum Louvers	2	25-Jun-19	26-Jun-19	4																							
DV08-1020	Install Ceiling Counter Shutter	2	18-Jul-19	22-Jul-19	0																							
DV08-1030	Install Door Hardware	2	18-Jul-19	22-Jul-19	0																							
DV08-1040	Install Doors	2	19-Jul-19	22-Jul-19	0																							
Division 09 Finishes					14																							
DV09-1000	Hang Drywall (Wall and Ceiling)	3	09-Jul-19	11-Jul-19	0																							
DV09-1010	Finish Drywall (Wall and Ceiling)	2	12-Jul-19	15-Jul-19	0																							
DV09-1020	Prime Paint	2	17-Jul-19	18-Jul-19	0																							
DV09-1030	Install Resinous Flooring	2	19-Jul-19	22-Jul-19	1																							
DV09-1040	Install Linear Metal Soffit	2	19-Jul-19	22-Jul-19	3																							
DV09-1050	Touch Up Paint	1	26-Jul-19	26-Jul-19	0																							

Activity ID	Activity Name	Original Duration	Start	Finish	Total	A	A	M	M	M	M	J	J	J	J	J	J	A	A	A	A	S	S	S	S	O	O	O	O
Division 10 Specialties			3/23-Jul-19	23-Jul-19	1																								
DV10-1000	Install Visual Display Units	1	23-Jul-19	23-Jul-19	0																								
DV10-1010	Install Toilet Compartments	1	23-Jul-19	23-Jul-19	1																								
DV10-1020	Install Signs for Rooms and Doors	1	24-Jul-19	24-Jul-19	0																								
DV10-1030	Install Toilet and Bath Accessories	1	24-Jul-19	24-Jul-19	1																								
DV10-1040	Install Wall and Corner Guards	1	25-Jul-19	25-Jul-19	0																								
DV10-1050	Install Plastic Wardrobe Units	1	25-Jul-19	25-Jul-19	1																								
DV10-1060	Install Fire Extinguishers	1	25-Jul-19	25-Jul-19	1																								
DV10-1070	Install Fire Extinguishers	1	25-Jul-19	25-Jul-19	1																								
Division 11 Equipment			4/15-Jul-19	19-Jul-19	3																								
DV11-1000	Install Foodservice Equipment	4	15-Jul-19	19-Jul-19	3																								
DV12-1000	Install Casework, Countertop, and Wood-based Components	1	16-Jul-19	16-Jul-19	0																								
Division 22 Plumbing			4/16-Jul-19	23-Jul-19	3																								
DV22-1000	Rough in Under-slab Plumbing to Building	5	07-Jul-19	13-Jul-19	9																								
DV22-1010	Rough in Plumbing	5	25-Jun-19	01-Jul-19	3																								
DV22-1020	Install Vibration and Seismic Controls for Plumbing Piping and Equipment	5	02-Jul-19	08-Jul-19	3																								
DV22-1030	Install Plumbing Piping Insulation	5	10-Jul-19	16-Jul-19	3																								
DV22-1040	Finish Plumbing	5	17-Jul-19	23-Jul-19	3																								
Division 23 Heating, Ventilating, And Air-Conditioning (HVAC)			2/25-Jul-19	24-Jul-19	2																								
DV23-1000	Rough in HVAC Ductwork	4	25-Jun-19	26-Jun-19	6																								
DV23-1010	Rough in HVAC Piping	4	25-Jun-19	26-Jun-19	6																								
DV23-1020	Install Vibration and Seismic Controls for HVAC	3	01-Jul-19	03-Jul-19	6																								
DV23-1030	HVAC Insulation	3	05-Jul-19	08-Jul-19	6																								
DV23-1040	Install Mechanical Equipment & Air Devices	3	15-Jul-19	18-Jul-19	2																								
DV23-1050	Install HVAC Controls	2	18-Jul-19	22-Jul-19	2																								
DV23-1060	Tie-in HVAC	2	22-Jul-19	24-Jul-19	2																								
Division 26 Electrical			4/17-Jul-19	23-Jul-19	3																								
DV26-1000	Rough in Under-slab Electrical to Building	4	07-Jul-19	12-Jul-19	16																								
DV26-1010	Rough in Interior Electrical	2	25-Jun-19	26-Jun-19	9																								
DV26-1020	Rough in Interior Lighting	2	25-Jun-19	26-Jun-19	19																								
DV26-1030	Install Ground Rods and Site Ground Grid	2	27-Jun-19	28-Jun-19	9																								
DV26-1040	Install Power Panel	2	01-Jul-19	02-Jul-19	9																								
DV26-1050	Install Low-Voltage Transformers	2	03-Jul-19	05-Jul-19	9																								
DV26-1060	Set Electrical Devices	2	15-Jul-19	17-Jul-19	3																								
DV26-1070	Pull Wire Feeders	2	17-Jul-19	19-Jul-19	3																								
DV26-1080	Install Interior Lighting	2	19-Jul-19	23-Jul-19	3																								
Division 32 Exterior Improvements			13/28-Jun-19	17-Jul-19	7																								
DV32-1000	Concrete Paving for Curb and Gutter	3	28-Jun-19	02-Jul-19	7																								
DV32-1010	Install Traffic Warning Surface	3	03-Jul-19	08-Jul-19	7																								
DV32-1020	Install Traffic Warning Surface	1	09-Jul-19	09-Jul-19	7																								
DV32-1030	Asphalt Paving	3	10-Jul-19	12-Jul-19	7																								
DV32-1040	Install Chain-Link Fences and Swing Gates	1	15-Jul-19	15-Jul-19	7																								
DV32-1050	Seeding and Sodding	1	16-Jul-19	16-Jul-19	7																								
DV32-1060	Planting	1	17-Jul-19	17-Jul-19	7																								
Division 33 Utilities			20/24-May-19	24-Jun-19	7																								
DV33-1000	Excavate Site Storm Piping	5	24-May-19	03-Jun-19	7																								
DV33-1010	Install Site Storm Piping	5	04-Jun-19	10-Jun-19	7																								

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	A	A	M	M	M	M	J	J	J	J	J	J	A	A	A	S	S	S	S	O	O	O
DN-33-1020	Install Inlets, Yard Drains, Manholes, Endwalls, and Headwalls	5	11-Jun-19	17-Jun-19	7																						
DN-33-1030	Install Storm Water Detention Basin	5	18-Jun-19	24-Jun-19	7																						
Post Construction																											
PCON-1000	Substantial Completion	0		26-Jul-19	0																						
PCON-1010	Conduct Pre-Final Inspection	2	29-Jul-19	30-Jul-19	0																						
PCON-1020	Submission and Approval of O&M Manuals	2	29-Jul-19	30-Jul-19	3																						
PCON-1030	Submission and Approval of As-Built Drawings	2	29-Jul-19	30-Jul-19	3																						
PCON-1040	Correct Deficiencies from Pre-Final Inspection	3	31-Jul-19	02-Aug-19	0																						
PCON-1070	Conduct Final Inspection	2	05-Aug-19	06-Aug-19	0																						
PCON-1060	Correct Deficiencies from Final Inspection	2	07-Aug-19	08-Aug-19	0																						
PCON-1080	Contract Completion Date (CCD) - End Project	0		08-Aug-19	0																						

SECTION 3 - REQUISITION SUMMARY

SECTION 3 REQUISITION SUMMARY

BASD Rogers Stadium Phase II Renovations Requisition Summary

By Contract

Job No: 18-1712

Date: May 21, 2019

Contract Number	Contractor Name	Period To	Pay App Number	Original Contract	Net Change By Change Order	Contract Sum to Date	Ttl Compl & Stored to Date	Retainage	Total Earned Less Retainage	Previous Applications	Current Payment Due	Balance to Finish + Retainage	PCT Complete
01-01	JC Orr & Son, Inc	5/25/19	00-01	\$ 2,271,842	-	\$ 2,271,842	-	\$ 2,271,842	\$ 2,271,842	-	\$ -	\$ 2,271,842	0%
01-02	Joseph C. Hazel, Inc	5/25/19	00-01	\$ 454,900	-	\$ 454,900	-	\$ 454,900	\$ 454,900	-	\$ -	\$ 454,900	0%
01-03	Shannon A. Smith, Inc.	5/25/19	00-01	\$ 356,000	-	\$ 356,000	4,241	\$ 424	\$ 3,817	-	\$ 3,817	\$ 352,183	1%
01-04	Westmoreland Electrical Services, LLC	5/25/19	00-01	\$ 259,000	-	\$ 259,000	30,750	\$ 3,075	\$ 27,675	-	\$ 27,675	\$ 231,325	12%
Summary Totals:				\$ 3,341,742	-	\$ 3,341,742	34,991	\$ 2,730,241	\$ 2,758,234	-	\$ 31,492	\$ 3,310,250	1%

SECTION 4 - PROGRESS PHOTOS



Women's Restroom Footing Excavation



Rebar Reinforcement for Footings



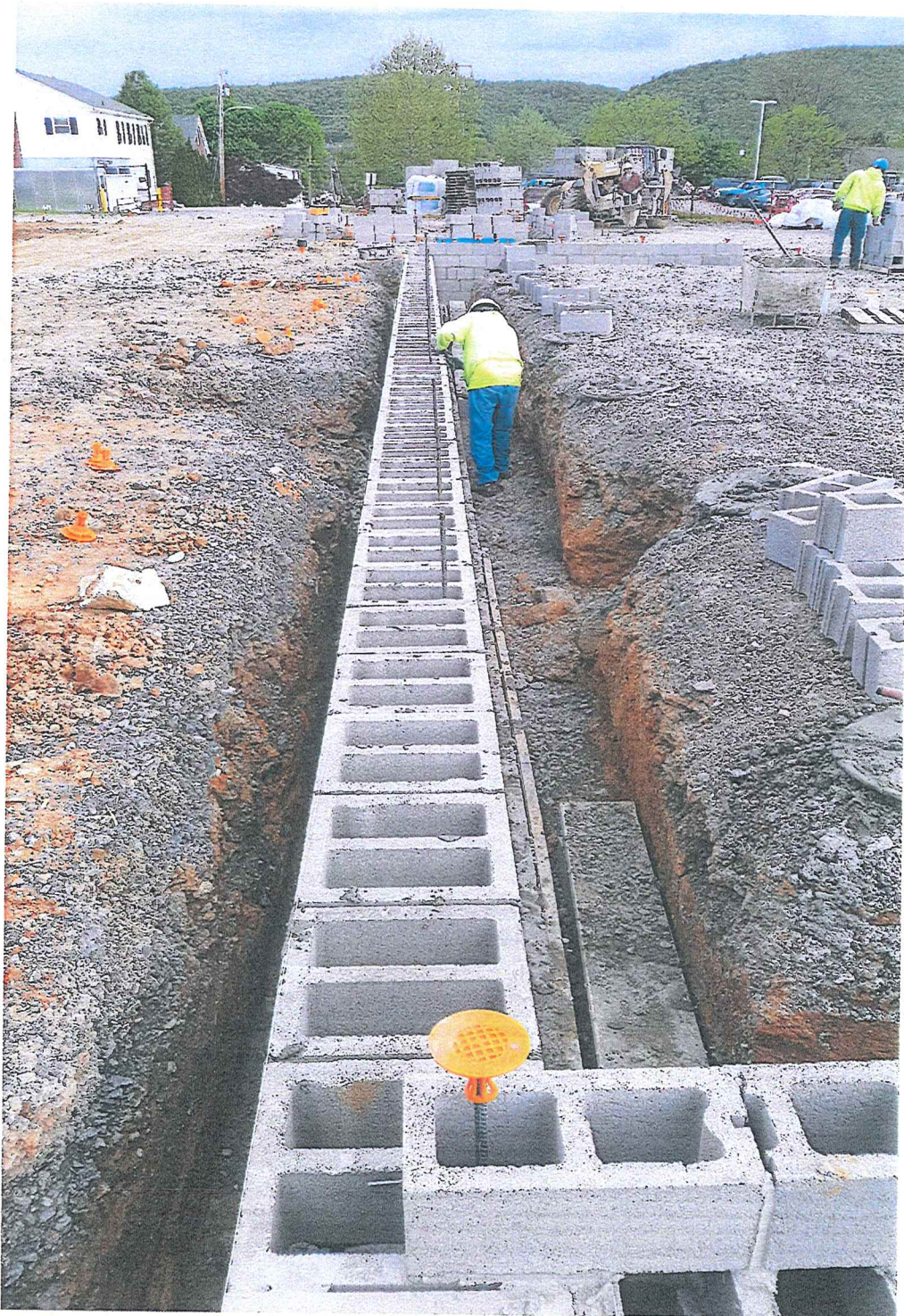
Large Ticket Boot Footing Excavation



Concrete Footer Placement



Foundation Block Installation



Additional Foundation Block Installation



Sleeve Placement in Footing for Water / Sewer