



BULLITT COUNTY PUBLIC SCHOOLS
BOARD OF EDUCATION – FEBRUARY 22, 2021

NEW OLD MILL ELEMENTARY SCHOOL – CONSTRUCTION UPDATE



COMPLETED SITE WORK

- UNDERGROUND STORM LINES AND STRUCTURES
- SITE GRADING
- STEEL REINFORCING DELIVERY FOR BUILDING FOUNDATIONS

ONGOING SITE WORK

- CONTINUED BUILDING FOUNDATION EXCAVATION AT LOWER LEVEL
- EARTH MOVING TO SPOILS AREAS

UPCOMING WORK

- STAFF AND CAR DROP OFF PARKING AREAS - POTENTIAL SOIL REMEDIATION
 - *EXPLANATION OF ANTICIPATED USE OF SOIL STABILIZATION ALLOWANCE IS SHOWN ON NEXT TWO SLIDES*
- BUILDING LAYOUT AND STAKING
- BUILDING FOUNDATIONS AT LOWER LEVEL AND STORM SHELTER – PREPARATION OF STEEL REINFORCING
- ELECTRICAL DUCT BANK



DUE TO WEATHER, WORK ON SITE HALTED LAST WEEK. REDLEE CONSTRUCTION IS INCREASING CONSTRUCTION STAFF TO COMPENSATE FOR THE WEATHER DELAY TO MAINTAIN THE SCHEDULE.



BULLITT COUNTY PUBLIC SCHOOLS
BOARD OF EDUCATION – FEBRUARY 22, 2021

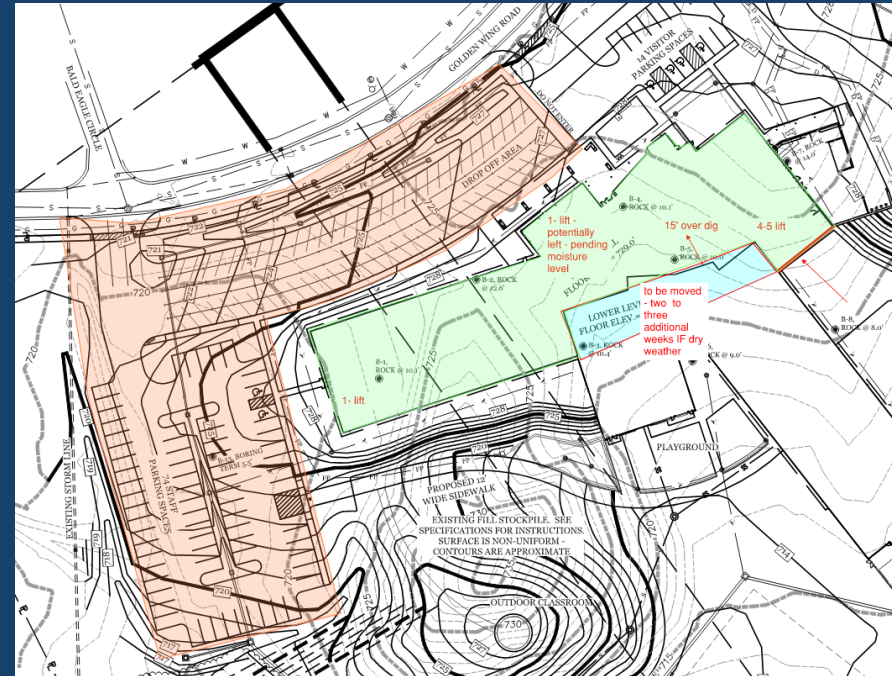
NEW OLD MILL ELEMENTARY SCHOOL – CONSTRUCTION UPDATE



ANTICIPATED SOIL STABILIZATION

REDLEE AND THEIR SITE CONTRACTOR, TRADEMARK, ARE LOOKING AHEAD TO MITIGATE SCHEDULE DELAYS DUE TO WEATHER/POOR SOILS. THE FOLLOWING HAS BEEN PROPOSED:

- USING APPROXIMATELY \$80,000 OF THE \$200,000 ALLOWANCE TO STABILIZE THE AREAS SHOWN IN ORANGE (STAFF AND DROP OFF PARKING) TO FREE UP SUITABLE SOILS FOR USE AT THE BUILDING AND CREATE A STABLE STAGING AREA FOR THE REMAINDER OF CONSTRUCTION.
- CONTINUE TO USE THE SUITABLE SOILS AT THE BUILDING FOUNDATIONS – THE AREA IN BLUE IS BEING EXCAVATED NOW, AND IS NEARLY COMPLETE WITH EXISTING SOILS.
- BY THE TIME THE AREA IN GREEN IS PREPPED FOR FOUNDATIONS, IT IS ANTICIPATED THE SITE MAY EXPERIENCE DRYER WEATHER AND USE OF THE EXISTING SOILS MAY BE POSSIBLE. IF THAT ENTIRE AREA MUST BE STABILIZED IT IS ESTIMATED THAT WOULD BE IN THE COST RANGE OF \$50,000.



BULLITT COUNTY PUBLIC SCHOOLS
BOARD OF EDUCATION – FEBRUARY 22, 2021

NEW OLD MILL ELEMENTARY SCHOOL – CONSTRUCTION UPDATE



BASED ON THE GEOTECHNICAL SOIL INVESTIGATION THE DESIGN TEAM ANTICIPATED THE NEED FOR SOIL STABILIZATION ACROSS THE SITE. BASED ON INITIAL CALCULATIONS IT WAS EXPECTED THE \$200,000 ALLOWANCE WOULD PROVIDE ADEQUATE MONIES FOR COVERING UNFORESEEN SOIL CONDITIONS PENDING ON SITE PROOF ROLLING AND WEATHER CONDITIONS.

WHAT HAS BEEN OBSERVED ON SITE ARE SOILS THAT EXCEEDED THE WORST CASE SCENARIOS – THE BUS PARKING AREA AND LOWER LEVEL BUILDING AREA PASSED CAPACITY TESTS AND WORK COULD PROCEED WITHOUT THE NEED FOR SOIL STABILIZATION. THESE AREAS OUTPERFORMED OUR EXPECTATIONS.

THE \$200,000 SOIL STABILIZATION ALLOWANCE IS ALREADY INCLUDED IN THE COST OF CONSTRUCTION – USE OF THE ALLOWANCE IS NOT A CHANGE ORDER. WHEN WORK COVERED UNDER AN ALLOWANCE IS DONE THE SPECIAL INSPECTOR BCPS HIRED WILL OBSERVE AND TRACK WORK – THIS COULD MEAN THE ALLOWANCE AMOUNT USED COULD CHANGE FROM THE ESTIMATE BASED ON ACTUAL QUANTITIES USED. AT THE END OF CONSTRUCTION ANY UNUSED PORTION OF THE ALLOWANCE IS CREDITED BACK TO THE DISTRICT. ALL EFFORTS ARE MADE TO WEIGH THE BENEFITS OF USING ALLOWANCES AT AN APPROPRIATE TIME TO MAINTAIN SCHEDULE WHILE STILL BEING FIDUCIARILY RESPONSIBLE.

AT THIS TIME, THE DESIGN TEAM AND BCPS CONSTRUCTION IS IN AGREEMENT THE STRATEGY OUTLINED HERE IS A SMART, STRATEGIC MOVE TO MITIGATE DELAYS BASED ON WEATHER. WORK TOWARDS THE ALLOWANCE HAS NOT YET BEGUN AS REDLEE IS WAITING FOR THE WEATHER TO IMPROVE AND SITE TO DRAIN.



BULLITT COUNTY PUBLIC SCHOOLS
BOARD OF EDUCATION – FEBRUARY 22, 2021

NEW OLD MILL ELEMENTARY SCHOOL – CONSTRUCTION UPDATE





BULLITT COUNTY PUBLIC SCHOOLS
BOARD OF EDUCATION – FEBRUARY 22, 2021

DRONE AERIAL FOOTAGE – BRET HIGHLEY – JANUARY 27, 2021
NEW OLD MILL ELEMENTARY SCHOOL – CONSTRUCTION UPDATE





BULLITT COUNTY PUBLIC SCHOOLS
BOARD OF EDUCATION – FEBRUARY 22, 2021

DRONE AERIAL FOOTAGE – BRET HIGHLEY – JANUARY 27, 2021
NEW OLD MILL ELEMENTARY SCHOOL – CONSTRUCTION UPDATE

