

GLENBROOK HIGH SCHOOLS
District Business Office

TO: Dr. Mike Riggle
Hillarie Siena

FROM: Kimberly Ptak

DATE: July 11, 2011

RE: DISCUSSION/ACTION: APPROVAL OF GBS PAVING WORK

RECOMMENDATION

It is recommended that the Board of Education approve a change order to Accu Paving in the amount of \$65,000.

BACKGROUND

As part of the summer 2011 work, the Board of Education approved a contract with Accu Paving in the amount of \$362,000 to repave the GBS staff lot, GBS road around the fieldhouse and the 1835 Landwehr lot. In addition, crack patch and fill the GBS tennis courts.

Approximately 60% of this contract is for the GBS staff lot, just southwest of the auditorium, see attached map, which is the area in need of additional work. After the top layer of existing asphalt was removed from this lot, the lot was tested by a third party testing agency for unstable or soft areas considered unsuitable for repaving. As shown on the map, the majority of the lot, or a 28,000 square foot area, was found to have existing base material that was saturated and comprised of various materials, such as stones and clay or silt, causing “soft” spots or “pumping.” As a part of the asphalt replacement work, once the top layers of asphalt are removed, the existing stone sub-base is inspected and then subject to a “proof-roll” to look for any soft spots. A large truck filled with soil is driven over the lot as the testing agency looks for signs of “pumping” or “rutting” of the stone base layer. Due to various areas of witnessed pumping, these soft spots were identified. Such soft spots can only be found during these proof roll tests. The recommendation is to do a 12 inch undercut to essentially remove 12 inches of the existing base material and replace it with 12 inches of clean, engineered stone, which will allow for proper compaction and provide the proper base for a long term solution. After this work is finished, 3 inches of new asphalt will be poured completing the lot.

In 1962, this area was a service drive along the west side of the school. The Staff Lot was created sometime around 1968 and was engineered as a partial detention lot (for rain water) and was minimally changed over the years since then.

FUNDING

Consistent with past practice, a 2% construction contingency is built into the budget for unforeseen conditions. 2% of the approved \$8,312,773 work is \$166,255. The change order of \$65,000 will be funded through this contingency.