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ENGINEERING DIVISION

TO: File

PROJECT NO. 34-93314-042

PROJECT: Reflection Ridge 9th

Resident Inspection-Central & Tee Time

ATTN: \_\_\_\_\_

DATE: 8-17-93

COPIES TO:

Marvin Schellenberg  
M.E. Lindebak, P.E.

FROM: Michael W. Berry, P.E. *MB*

Gregg Greenwood  
James Armour, P.E.

REFERENCE: Telecon with Greenwood and Armour of 8-11-93

File thru RDP

PLEASE ADVISE IMMEDIATELY OF ANY MISCONCEPTIONS OR OMISSIONS YOU BELIEVE TO BE CONTAINED HEREIN.

This memorandum summarizes a 3-way conference call between James Armour, P.E., Construction Engineer, City of Wichita; Gregg Greenwood, P.E., Construction Division, Allied Laboratories; and the author. (Reference letter from M.E. Lindebak to Greenwood dated 8/2/93, and a letter from the author to M.E. Lindebak dated 8/2/93.)

The subject of the discussion was the unstable subgrade material which had been encountered in the construction of the road bed for the referenced project. Mr. Armour reiterated the City's position regarding this matter as follows:

1. The proposal made by PEC for over-excavation of unsuitable material and replacement with suitable material is probably a good solution. However, there are not monies available to pay the contractor for additional work using this recommendation.
2. Instead of spending the additional money, the City would rather assume some risk in using alternative methods in constructing a suitable subgrade for the roadway pavement. The City would prefer to work with the materials that are in place in lieu of substituting materials from off-site to construct the road bed.
3. Mr. Armour met with Mr. Ron Cornejo of Cornejo & Sons Construction Company, the prime contractor, on Friday, August 6, 1993. At that time it was agreed that the contractor could use one of two or three alternatives for improving the subgrade.
  - a. Cement treatment at a rate of 50 lbs. per square yard.
  - b. Use of additional depth and thicknesses of geogrid reinforced crushed rock base.
  - c. Over-excavation and replacement with suitable material, either from on-site or off-site.

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The City has considerable experience with the use of these alternative methods in this particular geographic area of the City. The City is willing to utilize these methods with some additional risk in lieu of the large change order that might be required.

4. The City recognizes that as the Owner, they have the right and also the duty to accept the risk and, therefore, the City will perform the resident inspection services for the project in lieu of the consultant. The City recognizes that the consultant cannot assume that risk for the City.

Mr. Armour stated that as of August 6, 1993, PEC's services for inspection on this project were no longer necessary. Mr. Armour agreed to issue a written letter to Mr. Greenwood to this effect.

Mr. Armour repeated that the City is satisfied with PEC's work on the project to date and, by virtue of not following PEC's recommendation and by intervening in the inspection process, this is not an indication that the City has lost confidence in PEC and their abilities relative to resident inspection.

Mr. Greenwood agreed to supply Mr. Armour with all appropriate diaries and records for the project that had been collected by PEC personnel to date.