

CAMBRIDGE



TO: J. L. Wright DATE: December 14, 1971

FROM: R. C. Ericson SUBJECT: Mono-Kote Field Audit --
Little Rock & New Orleans

CC: T. P. Feit
B. R. Williams
T. L. Lyall
H. A. Brown
R. A. Caneer/Travelers Rest ZONO
A. M. Rosenberg
W. R. Wright

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COMMUNICATIONS SECTION
H. A. 2.

Attached is your copy of Ralph Bragg's report on the Southwest Bell Telephone Building. The report is very brief and the value of the information gained from his visit there will not be known until he completes his work with the density samples taken from this building.

The primary purpose of this covering memo of mine is to highlight the significance of Bragg's report that this building has minimal shrink-cracking and that the fully-dried in-place character of the material is satisfactory.

The facts regarding the Little Rock Mono-Kote operation are:

- (1) Their product uses 4-5 blend -- the finest aggregate used anywhere.
- (2) The mix ratio (R) is 2.40/1.0 -- the highest mix ratio of any plant.
- (3) Little Rock has been plagued by extremely variable set times. (Its supplier is USG/New Orleans.)
- (4) Both Bragg and Rhea Taylor have field-audited operations at this building on several occasions and have established the fact that as high as 14 gallons of water per bag were actually used with the 45-lb. package supplied.

I don't think we could ignore the fact that the Little Rock situation includes all four negative factors which we felt were contributing to our massive shrink-cracking situation in New York City. Essentially the same thing can be said for the Mono-Kote out of New Orleans, the single exception being that the mix ratio there is about 2.25.

As I think about this, I can only conclude that there is a hidden causative factor in the MK-3 formulation which we have not yet identified. We will just have to continue to look for it.

R. C. Ericson

RCE:jb

CAMBRIDGE

TO: R. C. Ericson

DATE: December 10, 1971

FROM: R. J. Bragg

SUBJECT: Southwest Bell Telephone Bldg.
Little Rock

CC: H. C. Duecker
J. L. Wright
T. P. Feit
C. R. Lowe/Atlanta ZONO
G. R. Taylor/Little Rock ZONO

This job was inspected December 1. Applicator is Kirko Company. The MK-3 application, using a 4-5 blend aggregate, was begun early September 1971. The job is almost complete, with the exception of a bit of MK-3 to be applied to the 3-story elevator housing on top of the building. Floor-by-floor inspection from Floor 10 down shows very minimal cracking and extremely little sliding of the Mono-Kote. A separate report will be issued when selected job samples have been probed for unit density and penetrometer resistance.

RJ Bragg
R. J. Bragg

RJB:jb