FROM: DANIEL L. COBB

```
File:           D1250008.D01 - Excavation for Structures and Pipe-Backfilling
Username:       DANIEL L. COBB
UserEmail:      RT219CD
UserTel:        SUNCOM 881-7719
UserFAX:        386-961-7940
ContactRequested:
Remote Name:    156.75.19.64
Remote User:
```

Comments:

Soapbox and Semantics time!

1.---Soap Box
I disagree with the position that structure-specific tests are not
needed if the structure is compacted in the same operation as the pipe
connecting to it. In my opinion, that simply is never the case. I
believe the Department would be better served to require that QC tests
be conducted around all structures in addition to those conducted along
the run of the pipe. The generally tight work areas and the need for
extra hand work around the structures often result in casual attention to
these areas. It is simply easier to go up & down the pipe run than it is
to go around the structure. Although I understand that the use of
randomly selected Verification tests should result in a point around the
structure having the same chance of being checked as a point along the
run of pipe, I simply think better performance from the backfill around
structures will result if all structures are tested separately from the
pipe runs whether compacted in the "same" operation or not.
2.---Semantics
Would the use of the word "each" or "both" be better than the word
"either" in the second sentence of the proposed change? I believe the
intent is to require that a QC test be taken on the first lift somewhere
on each side of the pipe. "Either" seems to imply a choice as in
"either one side or the other". Along the lines of my comments above, I
would also add a provision for the first lift at the bottom of the
structure also be considered a separate lot to be QC tested before adding
the next lift.

3.---Semantics
I think the use of the word "adjacent" in referring to the OPPOSITE sides
of the pipe is confusing. Adjacent seems to imply "next too" or
"adjoining" sides. This might be appropriate for the area between
multiple pipes, but not to something on the other side of the pipe.