

**Problem:**

When limerock is allowed to be used in lieu of stabilized subgrade, the contractor was being asked to run an extra Proctor (in addition to the Proctor that is run anyway on the limerock for using as base material). The reason was that LIMS has a requirement to enter stabilized sample (020L) subgrade test result. So the Proctor test result (from the test done on the lime rock used in lieu of stabilized subgrade) is used in this entry...

**Proposed Solution:**

- (a) If limerock is used in lieu of stabilized subgrade the acceptance of the material is based on the limerock base specifications. Example: Consider 6” limerock is used in lieu of stabilized subgrade over which is constructed a base of 12” thick limerock. The acceptance and verifications testing of the total 18” thick limerock is based on 200-7.2 and Frequency of testing is based on the subsection 200-7.2.2. Therefore, Modified Proctor Maximum Density QC test frequency is one per eight LOTs and Verification test frequency is one per sixteen LOTs.

As far as entering Sampling, Testing and Reporting Guide (STRG) from LIMS, the 6” limerock can be logged under 032L with a note in remarks (limerock in lieu of subgrade). Please see the attached screen of LIMS.

- (b) Log base in lieu of subgrade using material 020L and enter Remark as shown. So, ther project sample login screen for LIMS entry shall be as follows.

The screenshot shows the 'LabManager iLIMS' application window. The title bar reads 'LabManager iLIMS - [Delorenzo, Angela-LabManager-Single Routine Sample Login]'. The interface includes a menu bar (File, View, Window, Help) and a toolbar with icons for Help, Internet, Record (SAM), Clear Screen, Notepad, and Application Control. A vertical sidebar on the left contains several login options: Login, Materials Login, iLIMS Proficiency Login, QC Plan Login, GPL Login, Reflective Material S..., and Projects with Metric Pay It... The main form area contains the following fields and controls:

- LIMS Sample ID:** [ ]
- Resolution Sample:** N [v]
- Project ID:** 123456789
- Pay Item No:** [ ]
- Matl ID:** 032L
- Sample Level:** [ ]
- Year/Authority:** [ ]
- Sub Matl ID:** [ ]
- Matl ID (On Spec):** [ ]
- Level:** [ ]
- Auth:** [ ]
- Year:** [ ]
- Destination LabID:** [ ]
- Date Sampled:** [ ]
- Auto Receive?**
- Sampled By (TIN#):** [ ] (Annnnnnnn-00X)
- Manfr or Prod:** [ ]
- Source (Shipped From):** [ ]
- Sample No:** [ ]
- Batch No:** [ ]
- Lot No:** [ ]
- Sub Lot:** [ ]
- Sta From:** [ ]
- Sta To:** [ ]
- Samp From:** [ ]
- Rdway Side:** [v]
- Offset Distance:** [ ]
- Offset Direction:** [ ]
- Mainline:** [ ]
- Reference Line:** [v]
- Road No:** [ ]
- Quant Rep:** [ ]
- Plant or Pit No:** [ ]
- QPL Number:** [ ]
- Unit of Measure:** [ ]
- Intended Use:** [ ]
- Design Mix No:** [ ]
- Matl Description:** [ ]
- Submitted By:** [ ] of [ ]
- Phone:** [ ]
- Address:** [ ]
- Remarks:** LIMEROCK USED IN LIEU OF SUBGRADE

The 'Remarks' field is followed by the label '(single)'.