









G. Mixing Equipment

Mix following paragraph 2.01A, with metering devices adding specified quantities of crushed concrete, cement, and water into mixer. Dry mix crushed concrete and cement prior to adding water. Produce homogeneous and uniformly mixed product.

2.03 FABRICATION (NOT USED)

2.04 SOURCE QUALITY CONTROL

A. Test following Section 01454 – “Testing Laboratory Services”.

B. When directed by Project Manager, test for unconfined compressive strength following Test Method TxDOT Tex-120-E as follows:

1. Mold minimum of three samples each day or for each 500 tons of production or one for each day.
2. Compressive strength: average of 3 specimens for each sample lot.

PART 3 EXECUTION

3.01 GENERAL / MANUFACTURER(S) (NOT USED)

3.02 PREPARATION

A. Examination

1. Follow Section 01452 – “Inspection Services”.
2. Verify buried utility work is complete.
3. Verify lime treatment of base is complete.
4. Verify subgrade is ready to support imposed loads.
5. Verify flatwork, foundations, projecting reinforcement and similar Work interfacing with base is in place.
6. Verify lines and grades are correct.

B. Complete backfill of new utilities below future grade.

C. Prepare subgrade in accordance with requirements of Section 02330 – “Embankment” and Section 02315 – “Roadway Excavation”, or Section 02336 – “Lime Stabilized Subgrade” and Section 02337 – “Lime-Fly Ash Stabilized Subgrade” and Section 02338 – “Portland Cement Stabilized Subgrade”.



- a. Do not rework uncompacted material that has set up for more than 30 minutes.
  - b. Complete placement and compaction work within 6 hours from start of moist mixing.
2. Correct irregularities or weak spots immediately by replacing material and recompacting.
  3. Apply water to maintain moisture between optimum and 5 percent above optimum moisture.
  4. Remove and reconstruct sections where average moisture content exceeds ranges specified at time of final compaction.
  5. Finish by blading surface to final grade after compacting final course. Seal with approved pneumatic tired rollers or flat wheel rollers which are sufficiently light to prevent surface hair line cracking.
  6. Compact to minimum density of 95 percent of dry density, following TxDOT Tex-113-E, at moisture content of treated material between optimum and 5 percent above optimum.
  7. Test roadway base course compaction in accordance with TxDOT Tex-115-E.
  8. Maintain surface to required lines and grades throughout operation
- D. Curing
1. Moist cure for minimum of 72 hours before adding pavement courses.
  2. Use sprinkling or, at option, apply following curing membrane as soon as initial set begins, using approved light-weight self-propelled pressure distributor:
    - a. MC30: 0.1 gallon per square yard.
    - b. EPR-1 Prime: 0.15 gallon of asphalt residual per square yard.
  3. Do not use cut-back asphalt during period of April 16 through September 15
- E. Tolerances
1. Completed Surface: Smooth and conform to typical section and established lines and grades.

