

Date : 12/20/2022
Project No : 2022C186
Client Company : Excellere
Arrival Time : 12/23/2022 08:00
Onsite Hours : 10:00

ASEC Report ID : 55850
Name of the Project : Midblock Crosswalks
Project Location : Alpharetta
Weather : Sunny
Departure Time : 12/23/2022 18:00
ASEC Technician Name : Russell Hendrix

Our AS Engineering and Consulting (ASEC) representative was on site for the purpose of providing visual quality control inspection and testing services. Visual observation techniques were employed to verify compliance with project drawings/specifications, applicable codes, and materials submittals. The following observations were made on site today for the placement of asphalt paving.

Our ASEC representative observed that approximately two (2) inches of asphalt was placed on Milton Road (an area that was previously milled from Teasley Street to and including the intersection at Roswell/Canton Street). This area also included a small parking lot in front of the Alpharetta Animal Hospital. Paving equipment (two smooth-drum rollers, a pneumatic roller, a LeeBoy 8616B Paver plus various equipment) was staged while all sections to be paved were blown off and swept clean. Our representative also observed that a tack coat was applied to each section prior to paving. A 12.5 MM Super Paver mix (Mix Design ID #48R-12.5SP-117-4) was the material used from Metro Materials Inc, located in Doraville, GA.

During asphalt placement, asphalt temperatures were periodically as trucks arrived on site and prior to placement. All asphalt temperatures checked averaged 290 degrees Fahrenheit or above.

Following asphalt placement and compaction, density testing was completed using a Troxler 3430 (serial #39588). The asphalt specific gravity is 2.474. Target density for the compacted asphalt is 154.4 pcf.

Initial compaction testing was performed on the parking lot section in front of Alpharetta Animal Hospital:

Test #1 location was the west side of the parking area. Further re-compaction was requested and completed with the smooth drum roller and pneumatic roller.

Wet Density = 135 pcf with a compaction of 87.4%.

Test #2 location was the east side of the parking area.

Wet Density = 134 pcf with a compaction of 86.8%.

Further re-compaction was requested for the area in the vicinity of Tests #1 and #2 which was completed with the smooth drum roller and pneumatic roller.

Test #1 (retest): Wet Density = 141 pcf with a compaction of 91.3%.

Test #2 (retest): Wet Density = 142 pcf with a compaction of 92.0%.

Test #3 location was Milton Road west section (east bound lane).

Wet Density = 141 pcf with a compaction of 91.3%.

Test #4 location was the center section of Milton Road (east bound lane).

Wet Density = 142 pcf with a compaction of 92.0%.

Test #5 location was the east section of Milton Road (east bound lane).

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Wet Density = 141 pcf with a compaction of 91.3%.
Test #6 location was the Milton/Roswell & Canton Street intersection (southwest).
Wet Density = 135 pcf with a compaction of 87.4%.
Test #6 (retest) = Wet Density = 142 pcf with a compaction of 92.0%.
Test #7 location was the Milton/Roswell & Canton St intersection (southeast). Additional re-compaction was requested and completed with a smooth drum roller and pneumatic roller.
Wet Density = 134 pcf with a compaction of 86.8%.
Test #7 (retest) = Wet Density = 144 pcf with a compaction of 93.3%

Test #8 location was the center of Milton Road just west of the intersection.
Wet Density = 140 pcf with a compaction of 90.7%.
Test #9 location was the center of Milton Road (halfway).
Wet Density = 141 pcf with a compaction of 91.3%.
Test #10 location was the center of Milton Road (west end).
Wet Density = 142 pcf with a compaction of 92.0%.
Test #11 location was the west end of Milton Road (north lane).
Wet Density = 142 pcf with a compaction of 92.0%.
Test #12 location was the center of Milton Road (north lane).
Wet Density = 140 pcf with a compaction of 90.7%.
Test #13 location was the east end of Milton Road (north lane).
Wet Density = 143 pcf with a compaction of 92.6%.
Test #14 location was the Milton/Roswell & Canton Street intersection (northeast).
Wet Density = 140 pcf with a compaction of 90.7%.
Test #15 location was the Milton/Roswell & Canton Street intersection (northwest).
Wet Density = 143 pcf with a compaction of 92.6%.
Note: Copies of all delivery tickets were taken and are available for review upon request.

☒ Area paved
☒ Placing tack

☒ Cleaning street
☒ Paving in progress



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31220
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