

\* SEE REVERSE SIDE

[illegible]

REMARKS  
test 12 Linwood/Labelle N. Intersection test 13 Linwood/ Kendal N. Intersection

|               |     |     |                                                                                                                                                                                  |                                                            |
|---------------|-----|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|
| 20/10 Weights | 1st | 2nd | DENSITY INSPECTOR'S SIGNATURE<br>Robert Clark<br><i>Robert Clark</i> Sep 1 2020 3:58 PM<br> | AGENCY / COMPANY<br>Somat Engineering, Inc. (JN. 2019086C) |
| 3rd           | 4th | 5th |                                                                                                                                                                                  |                                                            |

## DENSITY REQUIREMENTS

|                                                                                                                         | MINIMUM %<br>OF COMPACTION | ITEM OF<br>WORK | DEPTH |
|-------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------|-------|
| <b>Original Ground</b>                                                                                                  |                            |                 |       |
| Road Embankment Areas (if specified on the plans) .....                                                                 | 90.0                       | OG              | 9"    |
| Bridges – as shown on the plans .....                                                                                   | 95.0                       | OG              | 9"    |
| <b>Cut Areas</b>                                                                                                        |                            |                 |       |
| Cuts requiring Sand Subbase .....                                                                                       | 95.0                       | CS              | 9"    |
| Cuts not requiring Sand Subbase .....                                                                                   | 95.0                       | CN              | 12"   |
| Subgrade for HMA Base, Aggregate Base and Concrete Widening .....                                                       | 95.0                       | SG              | 9"    |
| <b>Embankments</b>                                                                                                      |                            |                 |       |
| Regular .....                                                                                                           | 95.0                       | E               |       |
| Abutments with Piling .....                                                                                             | 95.0                       | AP              |       |
| Abutments without Piling – within the limits for Structure Embankment<br>as shown on the plans .....                    | 100.0                      | AN              |       |
| <b>Backfill</b>                                                                                                         |                            |                 |       |
| Foundation Undercut Backfill for Retaining Walls, Grade Separation or<br>Bridges .....                                  | 100.0                      | FB              |       |
| Backfill for Bridges, Culverts, Sewers, Water Main, Manholes, Catch Basins,<br>Edge Drains and Subgrade Undercuts ..... | 95.0                       | B               |       |
| <b>Pavement Structure</b>                                                                                               |                            |                 |       |
| Subbase .....                                                                                                           | 95.0                       | S               |       |
| Subbase for Slope Paving .....                                                                                          | 90.0                       | SP              |       |
| Aggregate Base-used under Concrete Pavement .....                                                                       | 95.0                       | SS              |       |
| Aggregate Base-used under HMA Pavement .....                                                                            | 98.0                       | AB              |       |
| OGDC – used under Concrete and HMA Pavement .....                                                                       | 95.0                       | OGDC            |       |
| OGDC – used under Concrete and HMA Pavement (recycled material) .....                                                   | 95.0                       | OGR             |       |
| HMA Aggregate Base (pulverized HMA used as Aggregate Base) .....                                                        | 98.0                       | BAB             |       |
| Aggregate Base – used under Concrete Pavement (recycled material) .....                                                 | 95.0                       | CAC             |       |
| Aggregate Base – used under HMA Pavement (recycled material) .....                                                      | 98.0                       | CAB             |       |
| OGDC – Sleeper slab footprint and approach area .....                                                                   | 95.0                       | SLO             |       |
| OGDC – Sleeper slab footprint and approach area (recycled material) .....                                               | 95.0                       | SLOR            |       |
| Aggregate Base – Sleeper slab footprint and approach area .....                                                         | 98.0                       | SLA             |       |
| Trenching – under concrete pavement .....                                                                               | 95.0                       | TC              |       |
| Trenching – under HMA pavement .....                                                                                    | 98.0                       | TB              |       |
| Shoulders – Class I .....                                                                                               | 98.0                       | SAA             |       |
| Shoulders – Class II and III .....                                                                                      | 95.0                       | SA              |       |
| HMA Stabilization .....                                                                                                 | 98.0                       | BS              |       |
| HMA Paving – Base Course .....                                                                                          | 92.0*                      | BB              |       |
| HMA Paving – Leveling Course .....                                                                                      | 92.0*                      | BL              |       |
| HMA Paving – Top Course .....                                                                                           | 92.0*                      | BT              |       |

See JMF (form 1911) for  $G_{mm}$  value for target density value.  $TMD = G_{mm} \times 62.4$

\*Minimum % compaction of JMF TMD