CUY-Antenucci Blvd
Quantity Calculations

Calculated by: KAH 11/28/2022
Checked by: RAK 12/1/2022
Revised: 7/31/2023

**PAVEMENT**

| Item | Description | Sta. | to | Sta. | Side | Width | Area | Thickness | TOTAL | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | (FT) | (SF) | (FT) | | |
| | | | | | | | | | | |
| **254** | **PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN, 3"** | | | | | | | | **13,564** | **SY** |
| | | | | | | | | | | |
| | *Antenucci Blvd Resurfacing Area* | 10+35. | | 11+35. | LT/RT | CADD | 7759 | | 862.1 | SY |
| | | 11+35. | | 13+00. | LT/RT | 68 | 11220 | | 1246.7 | SY |
| | | 13+00. | | 16+99. | LT/RT | CADD | 16634 | | 1848.2 | SY |
| | | 16+99. | | 42+79. | LT/RT | 28 | 72240 | | 8026.7 | SY |
| | | 42+79. | | 42+97. | LT/RT | CADD | 3651 | | 405.7 | SY |
| | | 43+97. | | 46+00. | LT/RT | 35 | 7105 | | 789.4 | SY |
| | | 46+00. | | 46+74. | LT/RT | CADD | 3839 | | 426.6 | SY |
| | *Antenucci Blvd at Carol Jean Blvd Full Depth* | 33+75. | | 34+67. | RT | 2.0 | -184 | | -20.4 | SY |
| | *Antenucci Blvd at Andover Blvd Full Depth* | 37+32. | | 38+28. | RT | 2.0 | -192 | | -21.3 | SY |
| | | | | | *Subtotal (SF)* | | *122072* | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| **255** | **FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS QC MS, AS PER PLAN** | | | | | | | | **678** | **SY** |
| | *5% of Pavement Planing Area* | | | | | | | | | |
| | *Antenucci Blvd* | 10+35. | | 46+74. | | | 122072 | X 5% | 678.2 | SY |
| | | | | | | | | | | |
| | | | | | | | | | | |
| **304** | **AGGREGATE BASE** | | | | | | | | **50** | **CY** |
| | | | | | | | | | | |
| | *Transportation Blvd Curb Return Full Depth* | 10+32. | | 11+35. | | | 336 | 0.5 | 6.2 | CY |
| | *Antenucci Blvd at Carol Jean Blvd Full Depth* | 33+75. | | 34+67. | | 2.0 | 184 | 0.5 | 3.4 | CY |
| | *Antenucci Blvd at Andover Blvd Full Depth* | 37+32. | | 38+28. | | 2.0 | 192 | 0.5 | 3.6 | CY |
| | *Carol Jean Blvd Full Depth* | 100+75. | | 101+25. | | | 1947 | 0.5 | 36.1 | CY |
| | *Andover Blvd Full Depth* | 200+63. | | 200+65. | | | 49 | 0.5 | 0.9 | CY |
| | | | | | | | | | | |
| | | | | | | | | | | |
| **305** | **9" CONCRETE BASE, CLASS QC 1P** | | | | | | | | **301** | **SY** |
| | | | | | | | | | | |
| | *Transportation Blvd Curb Return Full Depth* | 10+32. | | 11+35. | | | 336 | | 37.3 | SY |
| | *Antenucci Blvd at Carol Jean Blvd Full Depth* | 33+75. | | 34+67. | | 2.0 | 184 | | 20.4 | SY |
| | *Antenucci Blvd at Andover Blvd Full Depth* | 37+32. | | 38+28. | | 2.0 | 192 | | 21.3 | SY |
| | *Carol Jean Blvd Full Depth* | 100+75. | | 101+25. | | | 1947 | | 216.3 | SY |
| | *Andover Blvd Full Depth* | 200+63. | | 200+65. | | | 49 | | 5.4 | SY |
| | | | | | | | | | | |
| | | | | | | | | | | |
| **407** | **TACK COAT, 702.13** | | | | | | | | **971** | **GAL** |
| | *EXPOSED CONCRETE BASE AFTER PLANING* | | | | | | | GAL/SY | | |
| | *Antenucci Blvd Resurfacing Area* | 10+35. | | 46+74. | | | 122072 | 0.07 | 949.4 | GAL |
| | *Transportation Blvd Curb Return Full Depth* | 10+32. | | 11+35. | | | 336 | 0.07 | 2.6 | GAL |
| | *Antenucci Blvd at Carol Jean Blvd Full Depth* | 33+75. | | 34+67. | | 2.0 | 184 | 0.07 | 1.4 | GAL |
| | *Antenucci Blvd at Andover Blvd Full Depth* | 37+32. | | 38+28. | | 2.0 | 192 | 0.07 | 1.5 | GAL |
| | *Carol Jean Blvd Full Depth* | 100+75. | | 101+25. | | | 1947 | 0.07 | 15.1 | GAL |
| | *Andover Blvd Full Depth* | 200+63. | | 200+65. | | | 49 | 0.07 | 0.4 | GAL |
| | | | | | | | | | | |
| | | | | | | | | | | |
| **407** | **NON-TRACKING TACK COAT** | | | | | | | | **763** | **GAL** |
| | *NEW OR RESURFACED PAVEMENT* | | | | | | | GAL/SY | | |
| | *Antenucci Blvd Resurfacing Area* | 10+35. | | 46+74. | | | 122072 | 0.055 | 746.0 | GAL |
| | *Transportation Blvd Curb Return Full Depth* | 10+32. | | 11+35. | | | 336 | 0.055 | 2.1 | GAL |
| | *Antenucci Blvd at Carol Jean Blvd Full Depth* | 33+75. | | 34+67. | | 2.0 | 184 | 0.055 | 1.1 | GAL |
| | *Antenucci Blvd at Andover Blvd Full Depth* | 37+32. | | 38+28. | | 2.0 | 192 | 0.055 | 1.2 | GAL |
| | *Carol Jean Blvd Full Depth* | 100+75. | | 101+25. | | | 1947 | 0.055 | 11.9 | GAL |
| | *Andover Blvd Full Depth* | 200+63. | | 200+65. | | | 49 | 0.055 | 0.3 | GAL |
| | | | | | | | | | | |
| | | | | | | | | | | |

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**PAVEMENT**

| Item | Description | Sta. | to | Sta. | Side | Width | Area | Thickness | TOTAL | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | (FT) | (SF) | (FT) | | |
| **441** | **1.25" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN PG70-22M** | | | | | | | | **481** | **CY** |
| | | | | | | | | | | |
| | *Antenucci Blvd Resurfacing Area* | 10+35. | | 46+74. | | | 122072 | 0.104 | 471.0 | CY |
| | *Transportation Blvd Curb Return Full Depth* | 10+32. | | 11+35. | | | 336 | 0.104 | 1.3 | CY |
| | *Antenucci Blvd at Carol Jean Blvd Full Depth* | 33+75. | | 34+67. | | 2.0 | 184 | 0.104 | 0.7 | CY |
| | *Antenucci Blvd at Andover Blvd Full Depth* | 37+32. | | 38+28. | | 2.0 | 192 | 0.104 | 0.7 | CY |
| | *Carol Jean Blvd Full Depth* | 100+75. | | 101+25. | | | 1947 | 0.104 | 7.5 | CY |
| | *Andover Blvd Full Depth* | 200+63. | | 200+65. | | | 49 | 0.104 | 0.2 | CY |
| | | | | | | | | | | |
| | | | | | | | | | | |
| **441** | **1.75" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448)** | | | | | | | | **674** | **CY** |
| | | | | | | | | | | |
| | *Antenucci Blvd Resurfacing Area* | 10+35. | | 46+74. | | | 122072 | 0.146 | 659.3 | CY |
| | *Transportation Blvd Curb Return Full Depth* | 10+32. | | 11+35. | | | 336 | 0.146 | 1.8 | CY |
| | *Antenucci Blvd at Carol Jean Blvd Full Depth* | 33+75. | | 34+67. | | 2.0 | 184 | 0.146 | 1.0 | CY |
| | *Antenucci Blvd at Andover Blvd Full Depth* | 37+32. | | 38+28. | | 2.0 | 192 | 0.146 | 1.0 | CY |
| | *Carol Jean Blvd Full Depth* | 100+75. | | 101+25. | | | 1947 | 0.146 | 10.5 | CY |
| | *Andover Blvd Full Depth* | 200+63. | | 200+65. | | | 49 | 0.146 | 0.3 | CY |
| | | | | | | | | | | |
| | | | | | | | | | | |
| **875** | **LONGITUDINAL JOINT ADHESIVE** | | | | | | | | **728** | **LB** |
| | *1 LB PER 5 FT FOR 1.25" THICK PAVEMENTS* | | | | | | Length (FT) | Application Rate | | |
| | *Antenucci Blvd Resurfacing Area* | 10+35. | | 46+74. | | | 3639 | 1 LB/ 5 FT | 728 | LB |
| | | | | | | | | | | |
| | | | | | | | | | | |