

SUMMARY OF QUANTITIES

| CODE NO. | ITEM | UNIT | QUANTITY |
|--|---|--------|---------------------------------|
| 20200100 | EARTH EXCAVATION | CU YD | 500 |
| 20200500 | EARTH EXCAVATION (WIDENING) | CU YD | 487 |
| 20400800 | FURNISHED EXCAVATION | CU YD | 624 |
| 20800150 | TRENCH BACKFILL | CU YD | 17 |
| 25000110 | SEEDING, CLASS 1A | ACRE | 2.1 |
| 25000400 | NITROGEN FERTILIZER NUTRIENT | POUND | 189 |
| 25000500 | PHOSPHORUS FERTILIZER NUTRIENT | POUND | 189 |
| 25000600 | POTASSIUM FERTILIZER NUTRIENT | POUND | 189 |
| 25000700 | AGRICULTURAL GROUND LIMESTONE | TON | 4.2 |
| 25100115 | MULCH, METHOD 2 | ACRE | 2.1 |
| 28000250 | TEMPORARY EROSION CONTROL SEEDING | POUND | 210 |
| 28000305 | TEMPORARY DITCH CHECKS | FOOT | 171 |
| 28000500 | INLET AND PIPE PROTECTION | EACH | 5 |
| 35101100 | AGGREGATE BASE COURSE, TYPE A 12" | SQ YD | 1,352 |
| 40200800 | AGGREGATE SURFACE COURSE, TYPE B | TON | 21 |
| 40600100 | BITUMINOUS MATERIALS (PRIME COAT) | GALLON | 1,289 |
| 40600300 | AGGREGATE (PRIME COAT) | TON | 21 |
| 40600625 | LEVELING BINDER (MACHINE METHOD), N50 | TON | 528 |
| 40600982 | HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT | SQ YD | 93 |
| 40600990 | TEMPORARY RAMP | SQ YD | 35 |
| 40603080 | HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 | TON | 838 |
| 40603310 | HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 | TON | 545 |
| 40800050 | INCIDENTAL HOT-MIX ASPHALT SURFACING | TON | 34 |
| 48100500 | AGGREGATE SHOULDERS, TYPE A 6" | SQ YD | 1,147 |
| 50105220 | PIPE CULVERT REMOVAL | FOOT | 100 |
| 54213660 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15" | EACH | 2 |
| 542A0217 | PIPE CULVERTS, CLASS A, TYPE 1 12" | FOOT | 70 |
| 542A0220 | PIPE CULVERTS, CLASS A, TYPE 1 15" | FOOT | 27 |
| 542A0223 | PIPE CULVERTS, CLASS A, TYPE 1 18" | FOOT | 24 |
| 60300405 | VALVE BOX FRAMES TO BE ADJUSTED | EACH | 2 |
| 67100100 | MOBILIZATION | L SUM | 1 |
| 70103700 | TRAFFIC CONTROL COMPLETE | L SUM | 1 |
| 70300220 | TEMPORARY PAVEMENT MARKING - LINE 4" | FOOT | 5,820 |
| 70301000 | WORK ZONE PAVEMENT MARKING REMOVAL | SQ FT | 1,940 |
| 78000200 | THERMOPLASTIC PAVEMENT MARKING - LINE 4" | FOOT | 5,820 |
| | | | CONSTRUCTION TYPE CODE: I000-2A |
| SPECIAL PROVISION <i>Δ</i> SPECIALTY ITEMS | | | |

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| STRUCTURAL DESIGN TRAFFIC: | MID-LIFE YEAR: 2020 | |
| PV = 532 | SU = 42 | MU = 30 |
| ROAD / STREET CLASSIFICATION: | CLASS = III | |
| PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE: | | |
| P = 88.00% | S = 7.00% | M = 5.00% |
| TRAFFIC FACTOR: | ACTUAL TF = 0.162 | AC TYPE SEE BELOW |
| | SN (req) = 3.50 | |
| SUBGRADE SUPPORT RATING: | | |
| SSR = P00R | (STA. 45+35 TO 71+70) | |

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| MIXTURE COMPOSITION TABLE: | |
| MIXTURE USE: | SURFACE |
| APPLICATION: | HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 |
| AIR VOIDS / Ndes: | 4.0% @ Ndes 50 |
| PG BINDER GRADE: | 64-22 |
| MIXTURE COMPOSITION: | IL 12.5 or 9.5 |
| FRICTION AGGREGATE: | MIXTURE C |
| RAP % (MAX): | PER SPECIFICATIONS |
| MIXTURE WEIGHT: | 112 LB/SY/INCH |
| MIXTURE USE: | BINDER |
| APPLICATION: | HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 |
| AIR VOIDS / Ndes: | 4.0% @ Ndes 50 |
| PG BINDER GRADE: | PG 64-22 |
| MIXTURE COMPOSITION: | IL 19.0 |
| RAP % (MAX): | PER SPECIFICATIONS |
| MIXTURE WEIGHT: | 112 LB/SY/INCH |
| MIXTURE USE: | LEVELING BINDER |
| APPLICATION: | LEVELING BINDER (MACHINE METHOD), N50 |
| AIR VOIDS / Ndes: | 4.0% @ Ndes 50 |
| PG BINDER GRADE: | PG 64-22 |
| MIXTURE COMPOSITION: | IL 9.5 |
| RAP % (MAX): | PER SPECIFICATIONS |
| MIXTURE WEIGHT: | 112 LB/SY/INCH |
| MIXTURE USE: | HOSPITAL ENTRANCE |
| APPLICATION: | INCIDENTAL HOT-MIX ASPHALT SURFACING |
| AIR VOIDS / Ndes: | 4.0% @ Ndes 50 |
| PG BINDER GRADE: | 64-22 |
| MIXTURE COMPOSITION: | IL 12.5 or 9.5 |
| FRICTION AGGREGATE: | MIXTURE C |
| RAP % (MAX): | PER SPECIFICATIONS |
| MIXTURE WEIGHT: | 112 LB/SY/INCH |