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|---------------------|----------------|----------|------------------|-----------|
| F.A.P. RTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 869 | 1048-1, 1048-2 | FRANKLIN | 56 | 4 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS | FED. AID PROJECT | |

SUMMARY OF QUANTITIES

MIXTURE REQUIREMENTS

| CODE NUMBER | ITEM DESCRIPTION | UNIT | RURAL - FRANKLIN COUNTY | | |
|-------------|--|----------|-------------------------|--|------------------------|
| | | | TOTAL | HBP FUNDING | |
| | | | | 80% FEDERAL; | 20% STATE |
| | | | | CONSTRUCTION TYPE CODE X071-2A SN 028-0076 | X028-2A SN 028-2016 |
| QUANTITY | QUANTITY | QUANTITY | | | |
| 70100500 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701326 | L SUM | 1 | 0.5 | 0.5 |
| 70103815 | TRAFFIC CONTROL SURVEILLANCE | CAL DA | 4 | 2 | 2 |
| 70106500 | TEMPORARY BRIDGE TRAFFIC SIGNALS | EACH | 2 | 1 | 1 |
| 70106700 | TEMPORARY RUMBLE STRIP | EACH | 12 | 12 | |
| 70106800 | CHANGEABLE MESSAGE SIGN | CAL MO | 2 | 1 | 1 |
| 70300100 | SHORT - TERM PAVEMENT MARKING | FOOT | 154 | 82 | 72 |
| 70300220 | TEMPORARY PAVEMENT MARKING - LINE 4" | FOOT | 2720 | 1474 | 1246 |
| 70301000 | WORK ZONE PAVEMENT MARKING REMOVAL | SQ FT | 1235 | 669 | 566 |
| 70400100 | TEMPORARY CONCRETE BARRIER | FOOT | 762.5 | 437.5 | 325 |
| 70400200 | RELOCATE TEMPORARY CONCRETE BARRIER | FOOT | 600 | 300 | 300 |
| * 78001110 | PAINT PAVEMENT MARKING - LINE 4" | FOOT | 2696 | 1899 | 797 |
| * 78200405 | GUARDRAIL MARKERS | EACH | 34 | 16 | 18 |
| * 78200500 | BARRIER WALL MARKERS | EACH | 6 | 6 | |
| * 78201000 | TERMINAL MARKER - DIRECT APPLIED | EACH | 8 | 4 | 4 |
| 78300100 | PAVEMENT MARKING REMOVAL | SQ FT | 311 | 174 | 137 |
| XX006661 | UNINTERRUPTIBLE POWER SUPPLY | EACH | 2 | 1 | 1 |
| X0323988 | TEMPORARY SOIL RETENTION SYSTEM | SQ FT | 1438 | 603 | 835 |
| X6330103 | REMOVE AND RE-ERECT TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL, TANGENT | EACH | 2 | 1 | 1 |
| XT050167 | TEMPORARY TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL (TANGENT) | EACH | 2 | 1 | 1 |
| Z0030250 | IMPACT ATTENUATORS, TEMP (NON-REDIRECTIVE), TEST LEVEL 3 | EACH | 4 | 2 | 2 |
| Z0030350 | IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3 | EACH | 4 | 2 | 2 |

*SPECIALTY ITEMS

| | |
|--|---|
| LOCATION(S): | HOT-MIX ASPHALT BASE COURSE WIDENING, 10' |
| MIXTURE USE(S): | WIDENING |
| AC/PG: | PG64-22 |
| RAP % (MAX): | 10 |
| DESIGN AIR VOIDS: | 4.0 %, 90 GYRATION |
| MIXTURE COMPOSITION: (GRADATION MIXTURE) | IL-19.0 |
| FRICTION AGGREGATE | NONE |

| | |
|--|-------------------------------------|
| LOCATION(S): | HOT-MIX ASPHALT SHOULDERS, 8' & 10' |
| MIXTURE USE(S): | SHOULDERS |
| AC/PG: | PG58-22 |
| RAP % (MAX): | 50 |
| DESIGN AIR VOIDS: | 2.0 %, 30 GYRATION |
| MIXTURE COMPOSITION: (GRADATION MIXTURE) | BITUMINOUS AGGREGATE MIXTURE |
| FRICTION AGGREGATE | NONE |

| | |
|--|--|
| LOCATION(S): | HOT-MIX ASPHALT SURFACE COURSE, MIX C, N90 |
| MIXTURE USE(S): | BUTT JOINTS |
| AC/PG: | PG64-22 |
| RAP % (MAX): | 10 |
| DESIGN AIR VOIDS: | 4.0 %, 90 GYRATION |
| MIXTURE COMPOSITION: (GRADATION MIXTURE) | IL-9.5 MM OR IL 12.5 MM |
| FRICTION AGGREGATE | C SURFACE |