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|-------------------|----------------|-----------|------------------------|-----------|
| ROUTE NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| FAS 316 | 12-00229-00-SP | IRROQUOIS | 5 | 2 |
| JOB # C-93-047-12 | | | PROJECT HSIP-0316(110) | |
| CONTRACT 87517 | | | | |

| SUMMARY OF QUANTITIES | | | | CONSTRUCTION CODE | 0005 |
|-----------------------|----------|---|--------|-------------------|------|
| ITEM # | CODE # | ITEM | UNIT | QUANTITY | |
| 1 | 40600100 | BITUMINOUS MATERIALS (PRIME COAT) | GALLON | 450 | |
| * 2 | 40600625 | LEVEL BINDER (MACHINE METHOD), N50 | TON | 500 | |
| * 3 | 40600982 | HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT | SQ YD | 490 | |
| * 4 | 40603310 | HOT-MIX ASPHALT SURFACE COURSE MIX "C" N50 | TON | 375 | |
| * 5 | 40800050 | INCIDENTAL HOT-MIX ASPHALT SURFACING | TON | 40 | |
| * 6 | 48101200 | AGGREGATE SHOULDERS, TYPE B | TON | 1000 | |
| 7 | 67100100 | MOBILIZATION | L SUM | 1 | |
| * 8 | 70101830 | TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21 | L SUM | 1 | |
| Δ 9 | 78001110 | PAINT PAVEMENT MARKING - LINE 4" | FOOT | 7,100 | |

* SEE SPECIAL PROVISIONS
 Δ SPECIALTY ITEMS

GENERAL NOTES

THE THICKNESS OF HOT-MIX ASPHALT MIXTURES SHOWN ON THE TYPICAL X-SECTION IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE.

THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HOT-MIX ASPHALT LIFTS.

FOR ALL PAVEMENT MARKINGS ON FINAL SURFACES (I.E., MAINLINE PAVEMENT), ONLY TEMPORARY PAVEMENT MARKING TAPE SHALL BE USED.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUB-NUMBER LISTED IN THE INDEX OF SHEETS OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.

SECTION NOTES

THE PROPOSED IMPROVEMENT CONSISTS OF A HOT MIX ASPHALT SURFACE COURSE INCLUDING LEVELING BINDER, SHOULDER STONE AND ALL WORK NECESSARY TO COMPLETE THE PROJECT ACCORDING TO THE PLANS AND SPECIFICATIONS.

STRUCTURE # 038-3203 AND APPROACHES ON COUNTY HIGHWAY 23 WERE CONSTRUCTED UNDER SECTION (229B-MFT IN 1973).

| THE FOLLOWING RATES OF APPLICATION HAVE BEEN ASSUMED IN CALCULATING PLAN QUALITIES: | |
|---|---------------------------|
| GRANULAR MATERIALS | 2.05 TONS/CU YD |
| BITUMINOUS MATERIALS PRIME COAT | 0.05 GAL/SQ YD |
| HOT MIX ASPHALT SURFACE COURSE | 112 LBS/SQ YD/INCH |
| LEVELING BINDER (MACHINE METHOD) | 112 LBS/SQ YD/INCH |
| PAINT PAVEMENT MARKING - LINE 4" | 10FT/40 FT OF APPLICATION |

STRUCTURAL OVERLAY

FLEXIBLE PAVEMENT OVERLAY DESIGN FOR CLASS IV ROAD
 DESIGN PERIOD D. P. = 20 YEARS
 DESIGN YEAR = 2021 PV=88% SU=7% MU=5%
 STRUCTURAL DESIGN TRAFFIC = 350 TRAFFIC FACTOR = 0.13
 IBV = 2.50 D_o = 3.00

MIXTURE TABLE

| | HMA LEVEL BINDER | HMA SURFACE |
|---------------------|------------------|--------------|
| PG GRADE | PG64-22 | PG64-22 |
| DESIGN AIR VOIDS | 4.0% @ N50 | 4.0% @ N50 |
| MIXTURE COMPOSITION | IL 9.5 | IL 9.5 |
| FRICTION AGGREGATE | | MIXTURE C |
| DENSITY TEST METHOD | GROWTH CURVE | GROWTH CURVE |

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

