

| FAP ROUTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO |
|-----------|---------|------------|--------------|----------|
| 42 | 2BR | WASHINGTON | 33 | 2 |

STA. TO STA.
EXISTING CONDITIONS:

CONTRACT NO. 76389

GENERAL NOTES

1. THE STANDARDS AND REVISION NUMBERS LISTED SHALL APPLY TO THIS CONTRACT.
2. "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT THE BEGINNING AND END OF THE PROJECT LIMITS AND THE INTERSECTING SIDE ROADS. COST IS INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS.
3. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.
4. THE THICKNESS OF THE BITUMINOUS MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.
5. FLAGMEN SHALL BE PRESENT DURING ALL CLOSURE HOURS, INCLUDING LUNCH HOURS, AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
6. ANY TRAFFIC CONTROL PAY ITEM NOT USED SHALL BE DELETED FROM THE CONTRACT AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
7. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY ALSO BE OBTAINED BY CALLING J. U. L. I. E. AND FOR NON-J. U. L. I. E. MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

*FRONTIER COMMUNICATIONS
*AMEREN IP
*CONSOLIDATED WATER SERVICES

(MEMBERS OF J. U. L. I. E. (800) 892-0123 INDICATED BY *. NON-J. U. L. I. E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.)
8. WHERE SECTION OF SUB-SECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE RESURFACED OVER OR REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR, OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THE LOCATION.
9. THE CONTRACTOR SHALL FURNISH AND INSTALL WOOD SIGN SUPPORTS IN ACCORDANCE WITH SECTION 730 OF THE STANDARD SPECIFICATIONS; HOWEVER, INSTALLATION BY METHOD "A" (ARTICLE 730.04(a)) SHALL BE THE ONLY METHOD PERMITTED.
10. SAW CUTTING ON ALL EDGES FOR REMOVAL ITEMS SHALL BE INCLUDED IN THE COST OF THE REMOVAL ITEM AS INDICATED AND ACCORDING TO SECTION 440 OF THE STANDARD SPECIFICATIONS. (APPROX. 900')
11. ALL EXCAVATED AREAS DUE TO THE WIDENING OPERATIONS SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES AND THE APPROPRIATE LIGHTS.
12. THE TRAFFIC CONTROL MEASURES SHALL SUPPLEMENT AND BE IN ACCORDANCE WITH TRAFFIC CONTROL STANDARD 701321.

MIXTURE REQUIREMENTS

| MIXTURE USE | BITUMINOUS CONC. SURFACE COURSE, SUPERPAVE, MIX "C" N70 | LEVELING BINDER (MACHINE METHOD), SUPERPAVE N70 | BITUMINOUS BASE COURSE, SUPERPAVE | BITUMINOUS SHOULDERS, SUPERPAVE | BRIDGE APPROACH PAVEMENT CONNECTOR FLEXIBLE |
|-------------------------------------|---|---|-----------------------------------|---------------------------------|---|
| | SURFACE | LEVEL BINDER | BASE COURSE | TOP LIFT SHOULDERS | BINDER |
| AC/PG | PG 64-22 | PG 64-22 | PG 58-22 | PG 58-22 | PG 64-22 |
| RAP % (MAX) | 10% | 10% | 30% | 30% | 15% |
| DESIGN AIR VOIDS | 4.0% • Ndes=70 | 4.0% • Ndes=70 | 2.0% • Ndes=50 | **2.0% • Ndes=30 | 4.0% • Ndes=70 |
| MIX COMPOSITION (GRADATION MIXTURE) | | | | | |
| FRICITION AGG | MIXTURE C | MIXTURE C | BASE COURSE | BAM | MIXTURE B |

PLAN QUANTITIES FOR BITUMINOUS CONCRETE SURFACE COURSE ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 112 LB/SQ YD/1" THICKNESS

EXISTING BITUMINOUS SURFACES SERVING AS A BASE FOR LEVELING BINDER AND/OR SURFACE COURSE REQUIRE PRIME COAT APPLIED AT A RATE OF .08 GAL/SQ YD AS SPECIFIED IN ARTICLE 406.06 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

** TOP LIFT SHOULDERS - DESIGN THIS MIX AT 2.0% VOIDS AND ADD ASPHALT TO REDUCE VOIDS TO 1.5%

EROSION CONTROL PLAN

ALL EROSION CONTROL PRODUCTS FURNISHED SHALL BE SPECIFICALLY RECOMMENDED BY THE MANUFACTURER FOR THE USE SPECIFIED IN THE EROSION CONTROL PLAN. PRIOR TO APPROVAL AND USE OF THE PRODUCT THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A NOTARIZED CERTIFICATION BY THE PRODUCER STATING THE INTENDED USE OF THE PRODUCT AND THAT THE PHYSICAL PROPERTIES REQUIRED FOR THIS APPLICATION ARE MET OR EXCEEDED. THE CONTRACTOR SHALL PROVIDE MANUFACTURER RECOMMENDED INSTALLATION PROCEDURES TO FACILITATE THE ENGINEER IN CONSTRUCTION INSPECTION.

TEMPORARY SEEDING AND MULCH SHALL BE COMPLETED ON A WEEKLY BASIS ON EXPOSED GROUND AND SHALL BE IN ACCORDANCE WITH SECTION 280 OF THE STANDARD SPECIFICATIONS EXCEPT THAT THE MULCH AND TEMPORARY SEEDING SHALL BE PAID FOR AS TEMPORARY EROSION CONTROL SEEDING AND NO OTHER PAYMENT WILL BE PERMITTED.

ALL AREAS DISTURBED FOR ANY REASON SHALL BE SEEDING WITH CLASS 2 SEEDING AS DIRECTED BY THE ENGINEER. NUTRIENTS SHALL CONFORM TO ARTICLE 250.04 EXCEPT FERTILIZER NUTRIENTS WILL NOT BE PAID FOR SEPARATELY BUT CONSIDERED AS INCLUDED IN THE COST OF CLASS 2 SEEDING.

CLASS 2 SEEDING TO BE PLACED AS SOON AS EARTHWORK IS COMPLETED.

COMMITMENTS

NONE

GENERAL NOTES, COMMITMENTS

FAP ROUTE 42 (IL 127)
SECTION 2BR
WASHINGTON COUNTY

CUMMINS ENGINEERING CORPORATION
JOB #: 2158
FILE: 2158gennotes
DATE: 3/17/05

| | | |
|-----------|----------|------|
| PLAN | SURVEYED | DATE |
| NOTE BOOK | PLOTTED | BY |
| NO. | FILED | |
| | DATE | |
| | BY | |
| | DATE | |
| | BY | |
| | DATE | |

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