

| ROUTE NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|------------|--------------------|---------|--------------|-----------|
| C.H. 15 | 96-00044 -00-BR | KENDALL | 55 | 3 |

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT-

CONTRACT NO. 87325

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2007," THESE PLANS AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS.
- ALL CLEARING AND GRUBBING AND REMOVAL OF EXISTING RETAINING WALL SHALL BE CONSIDERED INCIDENTAL TO EARTH EXCAVATION. THE REMOVAL OF THE EXISTING BITUMINOUS SURFACE AND AGGREGATE BASE WILL BE PAID FOR AS EARTH EXCAVATION. ALL BITUMINOUS MATERIAL SHALL BE PROPERLY DISPOSED OF BY THE CONTRACTOR IN A METHOD APPROVED BY THE ENGINEER. PROPER DISPOSAL OF BITUMINOUS MATERIAL SHALL BE CONSIDERED INCIDENTAL TO EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE LOCATIONS OF EXISTING GAS MAINS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THE LOCATIONS ARE NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE INDIVIDUAL UTILITY COMPANIES AND BY FIELD INSPECTION.
- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- THE AREA TO BE SEEDED SHALL CONSIST OF ALL DISTURBED EARTH SURFACES WITHIN THE RIGHT-OF-WAY AS DIRECTED BY THE ENGINEER. SEEDING WILL BE COMPLETED BY OTHERS IN ACCORDANCE WITH STD. SPECS.
- THE CONTRACTOR SHALL CONSULT THE ENGINEER IN REGARD TO THE EXACT LENGTH OF PIPE CULVERTS BEFORE ORDERING THESE ITEMS.
- THE AREA BEHIND THE ABUTMENT CAP SHALL BE BACKFILLED WITH POROUS GRANULAR EMBANKMENT, FROM BOTTOM OF THE ABUTMENT TO THE SUBGRADE AS DIRECTED BY THE ENGINEER. POROUS GRANULAR MATERIAL SHALL BE CA-7. SEE SPECIAL PROVISIONS.
- LOCAL RESIDENTS SHALL BE ALLOWED ACCESS IN ACCORDANCE WITH ARTICLE 107.09 OF THE STANDARD SPECIFICATIONS.
- ALL TREES WITHIN THE RIGHT-OF-WAY THAT INTERFERE WITH CONSTRUCTION SHALL BE REMOVED ONLY AT THE DIRECTION OF THE ENGINEER.
TREE REMOVAL: OVER 15 UNITS-DIAMETER = 276 UNIT
TREE REMOVAL: 6 TO 15 UNITS-DIAMETER = 519 UNIT
- THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

| | |
|-----------------------------------|-----------------|
| POROUS GRANULAR EMBANKMENT | 2.0 TON/CU YD |
| AGGREGATE BASE COURSE | 2.05 TON/CU YD |
| HOT-MIX ASPHALT | 112 LB/SQ YD/IN |
| BITUMINOUS MATERIALS (PRIME COAT) | 0.4 GAL/SQ YD |
| SUB-BASE GRANULAR MATERIAL TYPE B | 2.05 TON/CU YD |

| MIXTURE REQUIREMENTS | | | | | |
|------------------------|---------------|--------------------------|-------------------|---------------|--------------------------|
| | HMA BINDER | HMA LEVELING BINDER | HMA SURFACE | HMA SHOULDERS | INCIDENTAL HMA SURFACING |
| PG GRADE | PG58-22 | PG58-22 | PG64-22 | PG58-22 | PG64-22 |
| MAX % RAP ALLOWABLE ** | 25% | 25% | 15% | 40% | 15% |
| DESIGN AIR Voids | 4.0% @ N50 | 4.0% @ N50 | 4.0% @ N50 | 2.0% @ N50 | 4.0% @ N50 |
| MIXTURE COMPOSITION | IL 19.0 | IL 9.5 | IL 12.5 OR IL 9.5 | BAM | IL 9.5 |
| FRICTION AGGREGATE | | | MIXTURE D | * | MIXTURE D |
| DENSITY | CORES/NUCLEAR | SATISFACTION OF ENGINEER | CORES/NUCLEAR | | CORES/NUCLEAR |

* - SEE SPECIAL PROVISIONS

** - IF RAP OPTION IS SELECTED, THE ASPHALT CEMENT GRADE MAY NEED TO BE ADJUSTED. THIS WILL BE DETERMINED BY THE ENGINEER.

UTILITY ADJUSTMENTS

POWER POLES
32.97' LT. STA. 44+73.49
35.77' LT. STA. 45+73.49

TELEPHONE BOXES
35.55' RT. STA. 44+94.65
27.86' LT. STA. 50+94.91

CABLE TV
LT. STA. 47+50 TO LT. STA. 49+00

BURIED TELEPHONE LINES
RT. STA. 44+00 TO RT. STA. 51+00

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|  HAMPTON, LENZINI & RENWICK, INC. CIVIL & STRUCTURAL ENGINEERS | | GENERAL NOTES AND MIXTURE REQUIREMENTS SECTION 96-00044-00-BR FOX RIVER DRIVE KENDALL COUNTY |
| 3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 (217) 546-3400 | | |
| ELGIN • SPRINGFIELD • DUQUOIN | | |
| PROJECT NUMBER: 12-06-0030-1 | DATE: 03/14/07 | |
| DESIGNED: L.F.S. | CHECKED: S.W.M. | DRAWN: W.J.S. |