

| F.A.S. RTE. | SECTION        | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------|----------------|--------|--------------|-----------|
| 642         | 99-00124-03-PV | COLES  | 97           | 6         |

D-95-025-97

GENERAL NOTES

G.N.-100  
ENGLISH UNITS OF MEASUREMENT SHALL GOVERN OVER AND SUPERSEDE ANY METRIC UNITS SHOWN IN THIS CONTRACT. WHERE INCLUDED METRIC UNITS ARE FOR INFORMATION ONLY.

G.N. 202  
GRADING SHALL BE DONE BY HAND AROUND LIGHT POLES, UTILITY POLES, SIGN POSTS, SHRUBS, TREES OR OTHER NATURAL OR MAN-MADE OBJECTS WHERE SHALLOW FILLS OR CUTS ARE ADJACENT TO THE ITEMS. IT IS THE INTENT THAT THE LIMITS OF CONSTRUCTION BE SUCH AS TO PRESERVE IN THE ORIGINAL STATE AS MUCH AREA OF TEMPORARY EASEMENTS AS POSSIBLE. THE DECISION AS TO ITEMS TO REMAIN IN PLACE SHALL BE AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

G.N. 250C  
SEEDING, CLASS 7 AND MULCH, METHOD 2 IS INCLUDED IN THIS CONTRACT TO SEED NEW EARTH SHOULDERS DURING TIME PERIODS WHEN PERMANENT SEEDING IS NOT ALLOWED. SOME OR ALL OF THE CLASS 7 SEEDING AND MULCH WILL BE DELETED IF IT IS POSSIBLE TO PLACE PERMANENT SEEDING ON EARTH SHOULDERS AT THE TIME OF THEIR COMPLETION.

G.N.-302  
WHERE SMALL QUANTITIES OF LIME MODIFICATION ARE SHOWN IN THE PLANS, SUBBASE GRANULAR MATERIAL, TYPE A MAY BE SUBSTITUTED AND CONSTRUCTED ACCORDING TO THE APPLICABLE PORTIONS OF SECTION 311. THE DEPTH OF THE SUBBASE GRANULAR MATERIAL SHALL BE THE SAME AS THE PROPOSED DEPTH OF THE LIME MODIFICATION. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR PROCESSING LIME MODIFIED SOILS OF THE DEPTH SPECIFIED. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

G.N.406D  
ALL LEVELING BINDER OR BINDER SHALL BE GIVEN A FOG COAT OF PRIME BEFORE THE SURFACE COURSE IS PLACED WHEN DIRECTED BY THE ENGINEER. THE FOG COAT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER GALLON FOR BITUMINOUS MATERIAL (PRIME COAT) AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

G.N.-540  
THE CONTRACTOR SHALL ASSEMBLE AND MATCH-MARK THE PRECAST BOX CULVERT SECTIONS AND END SECTIONS PRIOR TO SHIPMENT OF THESE COMPONENTS FROM THE MANUFACTURER, AND AS DIRECTED BY THE ENGINEER IN ORDER TO SECURE A PROPER FIT ON EACH JOINT. ANY SECTIONS OR END SECTIONS WHICH DO NOT PROVIDE A PROPER FIT AT THE JOINT SHALL BE REJECTED BY THE ENGINEER AND REPLACED BY THE CONTRACTOR WITH NO ADDITIONAL COMPENSATION BEING ALLOWED. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER FOOT FOR PRECAST CONCRETE BOX CULVERTS OF THE SIZE SPECIFIED.

G.N.-542  
BEFORE ORDERING PIPE CULVERTS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR THE EXACT LENGTHS.

G.N.-542.07  
AT LOCATIONS WHERE END SECTIONS ARE SPECIFIED, CAST-IN-PLACE CONCRETE HEADWALLS WILL NOT BE ALLOWED.

G.N.-542B  
ALL THE ENTRANCE CULVERTS LENGTHS SHOWN IN THE PLANS WERE CALCULATED WITH THE ASSUMPTION THAT METAL PIPES AND METAL END SECTION WOULD BE USED.

G.N.-542D  
THIS WORK SHALL CONSIST OF REPLACING THE EXISTING ENTRANCE CULVERTS AT LOCATIONS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER. PRIOR TO REPLACING THE CULVERT THE DITCH SHALL BE CLEANED FOR 25 FEET EACH WAY FROM THE ENDS OF THE CULVERT AS DIRECTED BY THE ENGINEER. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR PIPE CULVERTS OF THE TYPE AND SIZE SPECIFIED AND SHALL INCLUDE ALL MATERIALS AND LABOR NECESSARY TO COMPLETE THE WORK AS HEREIN SPECIFIED AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

G.N.-550  
BEFORE ORDERING STORM SEWERS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR THE EXACT LENGTHS.

G.N.-1004.01  
COARSE AGGREGATE GRADATION CA-10 MAY BE USED WHENEVER COARSE AGGREGATE CA-6 IS SPECIFIED IN THE STANDARD SPECIFICATIONS.

G.N.-1004.03  
REVISE ARTICLE 1004.03 (c) NOTE 5/ OF THE STANDARD SPECIFICATIONS TO READ:  
"5/ GRADATION CA-16 SHALL BE USED IN LIEU OF CA-13 WHEN THE SURFACE COURSE IS LESS THAN 1 3/4 INCHES IN THICKNESS. CA-13 OR CA-16 MAY BE USED WHEN THE SURFACE COURSE IS 1 3/4 INCHES OR MORE IN THICKNESS."

THE FOLLOWING IS A LIST OF NAMES OF IDENTIFIED UTILITY COMPANIES HAVING UTILITIES LOCATED ALONG THIS SECTION. COLES MOULTRIE ELECTRIC COOPERATIVE, ILLINOIS CONSOLIDATED TELEPHONE COMPANY, EMMBARRAS AREA WATER DISTRICT, AND AMEREN CIPS.

THESE PLANS HAVE BEEN PREPARED USING STANDARD SYMBOLS AS INDICATED IN THESE PLANS, AND THEY SHALL TAKE PRECEDENT OVER THOSE SHOWN ON STANDARD 000001 IF THERE IS A CONFLICT.

THE LOCATIONS OF EXISTING UTILITIES SHOWN ON THE PLANS ARE BASED ON FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE. BURIED UTILITIES ARE NOT SHOWN ON THE CROSS SECTIONS. THE CONTRACTOR SHALL OBTAIN EXACT UTILITY LOCATIONS FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.

ADDITIONAL DEPTH REQUIRED IN DRAINAGE STRUCTURES DUE TO CONFLICTS WITH OTHER UTILITY LINES WILL BE CONSIDERED INCLUDED IN THE UNIT PRICE BID FOR DRAINAGE STRUCTURES AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

UTILITY ADJUSTMENTS SHALL BE MADE BY THE UTILITY COMPANIES UNLESS NOTED OTHERWISE.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.

A TEST STRIP SHALL BE CONSTRUCTED FOR EACH HMA MATERIAL TYPE.

THE FOLLOWING CONVERSION FACTORS WERE USED TO COMPUTE QUANTITIES:  
BITUMINOUS MATERIALS (PRIME COAT) 0.10 GAL./SQ.YD. (BETWEEN BINDER AND SURFACE COURSE)  
0.50 GAL./SQ.YD. (ON AGGREGATE BASES)

AGGREGATE SURFACE COURSE, TYPE B 2.05 TONS/C.Y.

AGGREGATE SHOULDERS, TYPE A 135 LBS/C.F.

INCIDENTAL HMA SURFACING 112 LBS/S.Y./IN.

A 12" LAYER OF LIME IMPROVED SUBGRADE WITH A TREATMENT RATE OF 4.5% (45 LBS OF BY-PRODUCT LIME AND 5 GALLONS OF WATER PER SQUARE YARD OF SUBGRADE SOIL PROCESSED 1 FOOT DEEP) WAS USED FOR ESTIMATING QUANTITIES. THE EXACT PERCENT OF LIME WILL BE DETERMINED BY TESTING REPRESENTATIVE SUBGRADE SOIL SAMPLES WITH THE BY-PRODUCT LIME TO BE USED ON THE JOB.

CONTRACTOR SHALL NOT DENY PROPERTY OWNERS ACCESS TO THEIR CURRENT ACCESS AND FARMING ROUTES WHICH THEY CURRENTLY USE FOR ALL PROPERTIES THEY FARM DURING PLANTING AND HARVEST TIMES (APRIL 1st TO NOVEMBER 1st OF EACH YEAR).

ELEVATION DATA IS BASED ON NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD29).

PROPOSED CULVERT INVERT ELEVATIONS ARE BASED ON INFORMATION FROM AERIAL MAPPING. THE CONTRACTOR SHALL VERIFY EXISTING GROUND ELEVATIONS AT CULVERT LOCATIONS. THE ENGINEER MAY ADJUST PROPOSED INVERT ELEVATIONS WHERE NECESSARY TO MEET ACTUAL FIELD CONDITIONS.

GN 406H

MIXTURE REQUIREMENTS

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

| LOCATION(S):                             | CH 18              | CH 18 / CH 28            | CH 18 / CH 28    | CH 28              | 980E / 1000E             | ALL                      | ALL                                      |
|--|--------------------|--------------------------|------------------|--------------------|--------------------------|--------------------------|--|
| MIXTURE USE(S):                          | 2" POLYMER SURFACE | TOP 2.25" POLYMER BINDER | BOTTOM BINDER    | 2" POLYMER SURFACE | SURFACE & ALL INCIDENTAL | TOP 2" ALL BIT. SHOULDER | BOTTOM SHOULDER LIFTS (2 1/4" MIN. LIFT) |
| AC/PG:                                   | SBS PG 70-22       | SBS PG 64-22             | PG 64-22         | SBS PG 70-22       | PG 64-22                 | PG 58-22                 | PG 58-22                                 |
|  | 0                  | 0                        | 25               | 0                  | 30                       | 30                       | 30                                       |
| DESIGN AIR VOIDS:                        | 4.0% @ Ndes = 50   | 4.0% @ Ndes = 50         | 4.0% @ Ndes = 50 | 4.0% @ Ndes = 50   | 3.0% @ Ndes = 50         | 4.0% @ Ndes = 50         | 4.0% @ Ndes = 30                         |
| MIXTURE COMPOSITION: (GRADATION MIXTURE) | IL 9.5             | IL 19.0                  | IL 19.0          | IL 9.5             | IL 9.5L                  | IL 9.5L                  | IL 19.0L                                 |
| FRICTION AGGREGATE:                      | MIX D              | N.A.                     | N.A.             | MIX C              | MIX C                    | MIX C                    | N.A.                                     |

| REVISIONS |      |
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ILLINOIS DEPARTMENT OF TRANSPORTATION  
GENERAL NOTES  
FAS 642  
SEC NO. 99-00124-03-PV  
COLES COUNTY, ILLINOIS

SCALE: NOT TO SCALE  
DATE: 03/31/2009  
DRAWN BY: DJP  
CHECKED BY: SKM



LAYOUT SKM 12/26/03  
 DRAWN DJP 12/26/03  
 REVIEWED SKM 01/05/04  
 03/31/2009  
 ASST. JOBS OF 6/20/09 CH/WH/STW/c-0036491