

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	00-00127-00-WR	COLES	91	9
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

GENERAL NOTES

THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS, THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JAN. 1, 2007; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" AS INDICATED ON THE CHECK SHEET, AND THE "SPECIAL PROVISIONS" INCLUDED IN THE PROPOSAL.

ANY REFERENCE TO ILLINOIS DIVISION OF HIGHWAY STANDARDS SHALL MEAN THE LATEST REVISION TO SAID STANDARDS, IN EFFECT AT THE DATE OF THE BID LETTING.

THE CONTRACTOR SHALL TAKE CARE NOT TO DAMAGE THE EXISTING PAVEMENT TO BE WHITE TOPPED DURING HIS CONSTRUCTION ACTIVITIES. RUTTING, CRACKS, WASH BOARDING, PAVEMENT SHOIVING, ETC., OF THE EXISTING SURFACE WILL NOT BE ALLOWED. ANY AREAS OF EXISTING PAVEMENT TO BE OVERLAID WITH P.C.C. PAVEMENT, 5" (WHITE TOPPED) THAT ARE DAMAGED BY THE CONTRACTOR'S CONSTRUCTION ACTIVITIES, ARE TO BE REPAIRED AT THE CONTRACTOR'S EXPENSE. IF DAMAGE RESULTS IN A CHANGE OF GRADE OF THE EXISTING PAVEMENT, THE CONTRACTOR SHALL MAINTAIN THE MINIMUM REQUIRED 5" CONCRETE THICKNESS AND PROPOSED PROFILE AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

COST OF REMOVAL OF TEMPORARY RAMP SHALL BE INCLUDED IN THE UNIT PRICE FOR TEMPORARY RAMPS.

ANY UNSUITABLE EARTH EXCAVATION SHALL BE DISPOSED OF BY THE CONTRACTOR AND AS DIRECTED BY THE ENGINEER. NO PAYMENT WILL BE MADE FOR OVERHAUL ON ANY MATERIAL FROM ANY SOURCE ON THIS PROJECT. THE EARTHWORK IS AS FOLLOWS:

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EARTH EXCAVATION	= 15,742 CU YD
EARTH EXCAVATION (WIDENING)	= 613 CU YD
EMBANKMENT	= 12,465 CU YD
FURNISHED EXCAVATION	= 199 CU YD

EXISTING PAVEMENT MARKED FOR SAWING SHALL BE NEATLY SAWED AT THE LOCATIONS WHERE THE PROPOSED CONSTRUCTION WILL ABUT THE EXISTING PAVEMENT. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PAY ITEM INVOLVED. ALL SAW CUTS SHALL BE FULL DEPTH UNLESS OTHERWISE SPECIFIED. IF THERE IS DAMAGE ALONG THE SAW CUT LINE (CHIPPING, GOUGING, JAGGED EDGES, ETC.), THE CONTRACTOR WILL RE-DO THE SAW LINE TO MAKE A STRAIGHT AND TRUE SAW CUT BEHIND THE DAMAGED AREA, AT HIS EXPENSE, AND NO ADDITIONS TO ANY PAY QUANTITIES WILL BE ALLOWED.

ALL CONTRACTION JOINTS SHALL BE SAWED IN ACCORDANCE WITH ARTICLE 420 AND THE DETAIL DRAWINGS FOR SAWED CONTRACTION JOINTS.

THE BITUMINOUS SURFACE REMOVAL MATERIAL, AT THE CONTRACTOR'S EXPENSE AND BY A MEANS AGREEABLE TO THE ENGINEER, MAY BE INCORPORATED WITHIN THE WIDENING/SHOULDER EMBANKMENT UNDER A MINIMUM OF 6" OF EMBANKMENT.

AT ALL LOCATIONS WHERE THE PROPOSED PCC PAVEMENT, 8" (JOINTED) OR PCC PAVEMENT 9" (WIDENING) IS LESS THAN TWO (2) FEET IN WIDTH, THE PAVEMENTS SHALL BE POURED MONOLITHIC WITH THE PROPOSED CURB AND GUTTER OR WITH THE ADJACENT LANE OF THE PCC PAVEMENT.

THE LOCATIONS OF VARIOUS UNDERGROUND UTILITIES AS SHOWN ON THE PLANS ARE FROM INFORMATION FURNISHED BY THE VARIOUS UTILITY COMPANIES, RECORD DRAWINGS, AND FIELD SURVEYS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ESTABLISH THE ACTUAL LOCATION OF THE UTILITIES. THE CONTRACTOR SHALL USE SPECIAL CARE WHEN CONDUCTING OPERATIONS NEAR THE UTILITIES SO AS TO PREVENT DAMAGE TO THESE UTILITIES. THE UTILITY COMPANIES MAY BE ADJUSTING THEIR FACILITIES DURING CONSTRUCTION. THE CONTRACTOR SHALL COOPERATE WITH THESE ORGANIZATIONS WHILE THESE ADJUSTMENTS ARE BEING PERFORMED. [J.U.L.I.E. - JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS SYSTEM (800) 892-0123].

POINTS OF GRADE FOR STORM SEWER CASTINGS ARE AS FOLLOWS:
 TYPE 1 - TOP OF CASTING
 TYPE 3 - EDGE OF PAVEMENT

CONTROLLED LOW-STRENGTH MATERIAL, MIX 1, SHALL BE USED AS TRENCH BACKFILL MATERIAL. THE BACKFILL OF ALL "ACROSS ROAD" PIPE CULVERTS AND STORM SEWERS FROM THE BEDDING TO THE GRADE AS SPECIFIED ON THE PLANS, OR AS DETERMINED BY THE ENGINEER, SHALL BE CONTROLLED LOW-STRENGTH MATERIAL, MIX 1. THE COST OF THE CONTROLLED LOW-STRENGTH MATERIAL MIX 1, FROM THE TOP OF THE FINE AGGREGATE TRENCH BEDDING TO THE MID POINT OF THE PIPE CULVERT OR STORM SEWER IS INCLUDED IN THE PAY ITEM INVOLVED AND NO OTHER COMPENSATION SHALL BE ALLOWED. CONTROLLED LOW-STRENGTH MATERIAL, MIX 1, FROM THE MID-POINT OF THE PIPE CULVERT OR STORM SEWER TO THE GRADE AS SPECIFIED BY THE ENGINEER WILL BE PAID FOR BY THE CUBIC YARD PER THE PAY ITEM FOR CONTROLLED LOW-STRENGTH MATERIAL, MIX 1. ALL STORM SEWER/PIPE TRENCHES LOCATED IN THE SUBGRADE OF ANY EXISTING OR PROPOSED PAVEMENT OR WITHIN TWO (2) FEET OF ANY PAVED SURFACE SHALL BE FILLED WITH CONTROLLED LOW-STRENGTH MATERIAL, MIX 1, IN ACCORDANCE WITH THE SPECIAL PROVISIONS, AND SECTION 593.

IN OTHER AREAS, SUCH AS THOSE WHERE RUTS AND IRREGULARITIES MAY HAVE BEEN CREATED IN THE GROUND SURFACE, OR IN DISTURBED AREAS OUTSIDE OF THE DESIGNATED SEEDING LIMITS, SCARIFYING, GRADING, AND SEEDING WILL BE DONE TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCLUDED IN SEEDING, CLASS 2 (SPECIAL).

SEEDING DATES FOR ALL CLASSES OF SEEDING WILL BE AS LISTED BELOW:		
CLASS OF SEEDING	BEGINNING DATES	TERMINATION DATES
1, 1A, 1B, 2, 2A, 3 (IN SPRING)	APRIL 1	MAY 15
1, 1A, 1B, 2, 2A, 3 (IN FALL)	AUGUST 15	OCTOBER 15

TEMPORARY EROSION CONTROL SEEDING IS INCLUDED IN THIS CONTRACT TO SEED DURING TIME PERIODS WHEN PERMANENT SEEDING IS NOT ALLOWED. SOME OR ALL OF THE TEMPORARY EROSION CONTROL SEEDING WILL BE DELETED IF IT IS POSSIBLE TO PLACE PERMANENT SEEDING ON FINISHED GRADES AT TIME OF COMPLETION.

ANY TREE, SHRUB, OR PLANTING NOT INTERFERING WITH CONSTRUCTION OPERATIONS, AND DEEMED SUITABLE FOR SAVING BY THE ENGINEER, SHALL BE PROTECTED DURING CONSTRUCTION OPERATIONS.

BEFORE ORDERING CULVERT PIPE, THE CONTRACTOR SHALL CONSULT WITH THE ENGINEER FOR DETERMINING EXACT LENGTHS.

ALL EXISTING END SECTIONS TO BE REMOVED SHALL BE CONSIDERED INCLUDED IN THE PAY ITEM REMOVE EXISTING CULVERTS AND NO OTHER COMPENSATION SHALL BE ALLOWED.

PORTIONS OF EXISTING CULVERTS MAY HAVE TO BE REMOVED TO FACILITATE THEIR EXTENSION. THESE LOCATIONS AND THE AMOUNT TO BE REMOVED SHALL BE APPROVED BY THE ENGINEER. THE COST OF THE REMOVAL AND DISPOSAL WILL BE CONSIDERED INCLUDED IN THE UNIT PRICE OF THE PROPOSED CULVERT FOR THE TYPE AND SIZE INDICATED AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED, EXCEPT PAYMENT WILL BE MADE FOR ANY ADDITIONAL LENGTH OF PIPE CULVERT ORDERED BY THE ENGINEER.

ANY MAILBOX REMOVED AND RESET WITHIN THE LIMITS OF THIS PROJECT, AS DETERMINED BY THE ENGINEER, THE COST SHALL BE INCLUDED IN THIS CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE CONTRACTOR, AT HIS EXPENSE, WILL BE REQUIRED TO RELOCATE OR REMOVE AND REPLACE ALL ROAD SIGNS WHICH INTERFERE WITH HIS CONSTRUCTION OPERATIONS, AND TEMPORARILY OR PERMANENTLY RESET SUCH SIGNS THAT THE ENGINEER FEELS ARE NECESSARY FOR PROPER TRAFFIC CONTROL DURING OR UPON COMPLETION OF THIS PROJECT. ANY POSTS OR SIGNS THAT ARE DAMAGED IN REMOVING, RESETTING, OR HANDLING SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

ALL REBARS USED IN THIS PROJECT SHALL BE EPOXY COATED AND INCLUDED IN THE PAY ITEMS INVOLVED, UNLESS NOTED OTHERWISE.

RIGHT-OF-WAY MARKERS SHALL BE ERECTED WITH THE BACK FACE OF THE MARKER ON THE RIGHT-OF-WAY LINE UNLESS THE NEW RIGHT-OF-WAY LINE HAS BEEN SURVEYED AND PINNED, IN WHICH INSTANCE THE RIGHT-OF-WAY MARKER WILL BE ERECTED 12 INCHES INSIDE THE NEW RIGHT-OF-WAY LINE.

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 SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR PROCESSING MODIFIED SOIL OF THE DEPTH SPECIFIED. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE TOTAL AREA TO BE RESURFACED IS 6,682 SQUARE YARDS OF WHICH 4,470 SQUARE YARDS ARE VARIABLE WIDTH AND 2,330 SQUARE YARDS ARE VARIABLE DEPTH.

ESTIMATED QUANTITIES:

2,315 GAL.	BITUMINOUS MATERIALS (PRIME COAT)
15 TONS	AGGREGATE (PRIME COAT)
313 SQ. YD.	HOT-MIX ASPHALT BASE COURSE WIDENING
2,707 TONS	HOT-MIX ASPHALT BINDER COURSE
677 TONS	HOT-MIX ASPHALT SURFACE COURSE

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

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

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

LOCATION MIXTURE USE	INCIDENTAL HMA SURFACING	IL 121 HMA SHOULDER	IL 121 HMA BINDER COURSE	IL 121 HMA BINDER COURSE LOW ESAL	IL 121 HMA BASE COURSE WIDENING	IL 121 HMA SURFACE COURSE
AC/PC	PG 64-22	PG 58-22	PG 64-28	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	25%	30%	0%	30%	25%	15%
DESIGN AIR Voids	4.0% @ NDES = 50	2.0% @ NDES = 30	4.0% @ NDES = 50	4.0% @ NDES = 30	4.0% @ NDES = 50	4.0% @ NDES = 50
MIX COMP (GRADATION)	IL 9.5	B.A.M.	IL 19.0	IL 19.0L	IL 19.0	IL 9.5
FRICITION AGGREGATE	MIX C	N.A.	N.A.	N.A.	N.A.	MIX C

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		GENERAL NOTES

SCALE: VERT. HORIZ. DATE 02/29/2008

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