

ESTIMATED ROADWAY QUANTITIES

Item No.	Item Code	Item	Unit	Total
1	2102-2718070	EXCAVATION, CLASS 1B, ROADWAY AND BORROW	CY	8795.5
2	2113-0001100	SUBGRADE STABILIZATION MATERIAL, POLYMER GRD	SY	66433.4
3	2115-0100200	MODIFIED SUBBASE, PLACE ONLY	CY	12479.2
4	2121-742500	GRANULAR SHOULDERS, TYPE B	TON	4083.4
5	2123-745000	SHOULDER FINISHING, EARTH	STA	421.3
6	2301-1033000	STANDARD OR SLIP FORM PCC PAVEMENT, CLASS C, CLASS 3 DURABILITY, 8 IN.	SY	56433.4
7	2301-691172	PCC PAVEMENT SAMPLES	LS	1.0
8	2301-9091000	RUMBLE STRIP PANEL (PCC SURFACE)	EA	3.0
9	2315-827505	SURFACING, DRIVEWAY	TON	390.0
10	2502-8212034	SUBDRAIN, LONGITUDINAL, (SHOULDER) 4 IN. DIA.	LF	42785.3
11	2502-8221304	SUBDRAIN OUTLET, DR-304	EA	96.0
12	2510-975000	REMOVAL AND CRUSHING OF PAVEMENT	SY	51484.7
13	2518-691000	SAFETY CLOSURE	EA	9.0
14	2527-2623009	PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT BASED	STA	620.0
15	2528-8445110	TRAFFIC CONTROL	LS	1.0
16	2533-4980005	MOBILIZATION	LS	1.0
17	2601-263400	MULCHING	AC	13.7
18	2601-2636043	SEEDING AND FERTILIZING (RURAL)	AC	13.7
19	2601-2642100	STABILIZING CROP - SEEDING AND FERTILIZING	AC	13.7
20	2602-0000020	SILT FENCE	LF	500.0
21	2602-0010010	MOBILIZATIONS, EROSION CONTROL	EA	1.0

ESTIMATE REFERENCE INFORMATION

Item No.	Item Code	Description
1	2102-2718070	QUANTITY INCLUDES 795 CY OF EXCAVATION OF EXISTING EARTH AND GRANULAR SHOULDERS. CLASS 1B EXCAVATION SHALL BE USED FOR EARTH SHOULDER FILL FOR REBUILDING SHOULDERS WHICH WILL REQUIRE AN ESTIMATED 4800 CY (80% SHRINK INCLUDED). EXCESS CLASS 1B EXCAVATION MAY BE WASTED ON THE FORESLOPES, IF BLADED SMOOTHLY AND UNIFORMLY FROM SHOULDER TO TOE OF SLOPE.
2	2113-0001100	TO BE PLACED AT 24" WIDTH WITH 12" LAPPING OF ROLLS.
3	2115-0100200	EXCESS CLASS 1B EXCAVATION SHALL BE USED FOR EARTH SHOULDER FILL FOR REBUILDING SHOULDERS WHICH WILL REQUIRE AN ESTIMATED 4800 CY (80% SHRINK INCLUDED). EXCESS CLASS 1B EXCAVATION MAY BE WASTED ON THE FORESLOPES, IF BLADED SMOOTHLY AND UNIFORMLY FROM SHOULDER TO TOE OF SLOPE.
4	2121-742500	PRICE SHALL INCLUDE FURNISHING AND PLACING OF CLASS A CRUSHED STONE MATERIAL. SEE THE TYPICAL SECTION FOR APPLICATION RATES. MATERIAL SHALL BE CERTIFIED MATERIAL FROM AN IDOT APPROVED SOURCE, NOT CRUSHED PAVEMENT FROM THIS PROJECT.
5	2123-745000	EARTH SHOULDER FILL SHALL BE EXCESS CLASS 1B EXCAVATION PAID FOR AS PART OF ITEM 1. OVERHAUL, IF REQUIRED, WILL BE CONSIDERED INCIDENTAL AND WILL NOT BE MEASURED OR PAID FOR SEPARATELY.
6	2301-1033000	8"X24" PCC PAVING WITH "CO" DOHELED CONTRACTION JOINTS AT 20' SPACING, NO SKEW. INSTALL "RT" JOINT AT BEGINNING OF PROJECT STA. 171+11.73. INSTALL "RT" JOINT AT END OF PROJECT STA. 381+73.67. PCC PAVING IS "MAINLINE PAVING", NO INTERSECTION FILLETS. CLASS 3 DURABILITY AGGREGATE IS REQUIRED. THE CONTRACTOR SHALL PROVIDE CERTIFIED PLANT INSPECTION FOR THIS PROJECT. STANDARD SPECIFICATION SECTION 2316 (PAVEMENT SMOOTHNESS) SHALL APPLY. MACROTEXTURE SHALL BE PROVIDED BY LONGITUDINAL GROOVING. MATURITY METHOD OF TESTING SHALL BE USED FOR DETERMINING THE TIME FOR OPENING PAVEMENT TO TRAFFIC AND SHALL BE INCIDENTAL.
7	2301-691172	ITEM IS FOR WORK COVERED UNDER SECTION 2301.04.A. OF THE STANDARD SPECIFICATIONS.
8	2301-9091000	PANEL LOCATIONS SHALL BE PLACED APPROACHING THE "T" INTERSECTION AT ELK CHAPEL ROAD (PROJECT END) IN THE EAST BOUND LANE. SEE TABULATIONS FOR LOCATIONS.
9	2315-827505	DRIVEWAY MATERIAL SHALL BE CLASS D CRUSHED STONE, NOT CRUSHED COMPOSITE PAVEMENT MATERIAL. MATERIAL SHALL BE PLACED UNIFORMLY AND BLADED SMOOTH AT THE RATE OF 15 TONS PER DRIVEWAY, AND 30 TONS PER SIDEWALK, (12 ENRICHMENTS, 7 SIDERAMS) FIELD ENTRANCES WILL NOT RECEIVE ANY GRAVEL SURFACING.
10	2302-8212034	SEE TABULATION OF SUBDRAIN QUANTITIES. REFER TO STANDARD DRAWING DR-303, TYPE 7A INSTALLATION. QUANTITY INCLUDES 8 LF FOR EACH OUTLET. EXCESS EXCAVATED MATERIAL MAY BE USED IN EARTH SHOULDER CONSTRUCTION OR WORKED INTO FORESLOPE.
11	2302-8221303	SEE TABULATION OF SUBDRAIN OUTLET QUANTITIES. REFER TO STANDARD DRAWING DR-304 FOR DETAILS. ROBERT GUARDS REQUIRED ON ALL OUTLETS. THE OUTLET OF ALL SUBDRAINS SHALL BE MARKED WITH A METAL FENCE POST WITH AN ORANGE PLASTIC POST SLEEVE. POST AND SLEEVE ARE INCIDENTAL TO THIS ITEM.
12	2510-975000	EXISTING COMPOSITE PAVEMENT (6" PCC WITH 3" HMA OVERLAY) SHALL BE CRUSHED FOR USE AS MODIFIED SUBBASE (BID ITEM #3). CRUSHED COMPOSITE PAVEMENT SHALL MEET THE REQUIREMENTS OF GRADATION 14 OF THE STANDARD GRADATION TABLE, SECTION 4109. REMOVAL AND CRUSHING OF FULL DEPTH PATCHES AND EXISTING PAVEMENT FILLETS, AR DRIVEWAYS, FEED ENTRANCES, AND INTERSECTIONS SHALL BE CONSIDERED A PART OF AND INCLUDED IN THIS ITEM. ALL MATERIAL GENERATED FROM THIS ITEM SHALL BE INCORPORATED INTO THE MODIFIED SUBBASE ITEM. HANDLING OF EXCESS OR SHORTAGE OF MATERIAL SHALL BE DIRECTED BY THE ENGINEER AS NECESSARY.
14	2527-9263100	SEE TABULATION OF PAVEMENT MARKINGS FOR LOCATION AND APPLICATION OF MARKINGS.
17	2601-2634100	INCLUDED FOR ALL DISTURBED AREAS OF THE RIGHT OF WAY AS DESIGNATED BY THE ENGINEER.
18	2601-2636043	INCLUDED FOR ALL DISTURBED AREAS OF THE RIGHT OF WAY AS DESIGNATED BY THE ENGINEER.
19	2601-2642100	USE OF STABILIZING CROP SEEDING AND FERTILIZING SHALL BE DESIGNATED BY THE ENGINEER. THIS ITEM MAY BE DELETED IN PART OR WHOLE IF PERMANENT SEEDING IS ACCOMPLISHED IN NORMAL SEEDING PERIODS. IF CANCELLED SECTION 1809-04 SHALL NOT APPLY.
20	2602-0000020	LOCATION AND INSTALLATION SHALL BE AS DIRECTED BY THE ENGINEER. QUANTITY SHOWN IS FOR APPLICATION AT LOCATIONS DRAINAGE WILL EXIT THE PROJECT.
21	2602-0010010	MOBILIZATIONS FOR THE INSTALLATION OF SILT FENCE. MOBILIZATION SHALL BE COORDINATED WITH THE ENGINEER AND AT THE ENGINEER'S DIRECTION.

DECATUR COUNTY ENGINEERING DEPARTMENT
DESIGN FOR
ROUTE J45

QUANTITIES AND GENERAL INFORMATION
DESIGNED BY: [LAST NAME]
DJD 8/27/14 DJD 6/8/14
OFFICE OF THE DECATUR COUNTY ENGINEER
PROJECT NO. FM-C027(55)--55-27