

0100 ROADWAY

ITEM NO.	CODE NO.	DESCRIPTION	NOTES	UNIT	QUANTITY
201(A)	0102	CLEARING AND GRUBBING		LSUM	1
202(A)	0183	UNCLASSIFIED EXCAVATION	(R-1)	CY	194,251
205(A)	4229	TYPE A-SALVAGED TOPSOIL	(1) (R-5,7)	LSUM	1
221(C)	2801	TEMPORARY SILT FENCE	(5)	LF	3,286
221(F)	0100	TEMPORARY SILT DKE	(5)	LF	1,722
221(G)	0153	TEMPORARY ROCK FILTER DAM TYPE 4	(5)	CY	4
230(A)	2806	SOLID SLAB SODDING	(3) (R-7,8)	SY	72,606
232(A)	2813	SEEDING METHOD A	(1,2) (R-7,8)	AC	15,00
233(A)	2817	VEGETATIVE MULCHING	(1,2) (R-11)	AC	15,00
241	2832	MOWING	(R-16)	AC	30,00
242	0400	(PL) STABILIZED CONSTRUCTION EXIT	(4)	EA	4
303(A)	2100	AGGREGATE BASE TYPE A		CY	4,870
307(K)	4300	STABILIZED SUBGRADE	(9) (14)	SY	35,156
325	5271	SEPARATOR FABRIC		SY	26,037
326(A)	0100	GEOTEXTILE REINFORCEMENT	(7)	SY	4,830
326(B)	0100	GEOGRID REINFORCEMENT	(7)	SY	19,000
402(E)	0225	TRAFFIC BOUND SURFACE COURSE TYPE E	(8) (R-25)	TON	2,324
408	5774	PRIME COAT	(16) (R-28)	GAL	14,452
411(B)	5935	SUPERPAVE, TYPE S3 (PG 76-28 OK)	(R-30,32)	TON	3,284
411(B)	5945	SUPERPAVE, TYPE S3 (PG 64-22 OK)	(10) (R-30,32)	TON	9,160
411(C)	5950	SUPERPAVE, TYPE S4 (PG 76-28 OK)	(11) (R-30,32)	TON	2,737
411(C)	5960	SUPERPAVE, TYPE S4 (PG 64-22 OK)	(R-30,32)	TON	887
411(I)	6310	SUPERPAVE, TYPE S4 (PATCH) (PG 64-22 OK)	(4) (R-32)	TON	100
413(B)	4863	RUMBLE STRIP-METHOD HMA-CYC		LF	8,573
501(F)	6352	GRANULAR BACKFILL		CY	11,842
601(A)	0297	TYPE I PLAIN RIPRAP		TON	34
601(C)	0538	TYPE I-A FILTER BLANKET		TON	9
602(C)	4155	FILTER FABRIC		SY	34
613(A)	0491	18" R. C. PIPE CLASS III	(12,13)	LF	44
613(A)	0494	36" R. C. PIPE CLASS III	(12,13)	LF	80
613(L)	5726	18" PREFAB. CULVERT END SECTION, ROUND		EA	2
613(L)	5734	36" PREFAB. CULVERT END SECTION, ROUND		EA	1
619(A)	0920	REMOVAL OF STRUCTURES & OBSTRUCTIONS	(6) (R-48,49)	LSUM	1
619(B)	4728	REMOVAL OF ASPHALT PAVEMENT	(6) (R-49,50)	SY	32,836
619(B)	4780	REMOVAL OF GUARDRAIL	(6) (R-49)	LF	4,361
619(C)	0924	SAWMNG PAVEMENT		LF	546
623(A)	0932	BEAM GUARDRAIL W-BEAM SINGLE		LF	1,350
623(G)	8590	GUARDRAIL END TREATMENT (31")		EA	7
623(I)	8700	GUARDRAIL BRIDGE CONN - THRIE BEAM (31")		EA	4
624(A)	4281	FENCE - STYLE WWF	(15) (R-52)	LF	1,558

ROADWAY PAY ITEM NOTES

- (R-1) PAYMENT FOR THIS ITEM WILL BE BASED ON PLAN QUANTITY ONLY. SEE SECTION 109.01B OF THE STANDARD SPECIFICATIONS.
- (R-5) AN ESTIMATED QUANTITY OF 10,085 C.Y. TOPSOIL TO BE RESERVED FOR REPLACEMENT OF APPROXIMATELY 5" ON COMPLETED FORESLOPES, DITCHES, AND BACKSLOPES. THIS QUANTITY IS INCLUDED IN THE EARTHWORK BALANCE. ANY ADDITIONAL EXCAVATION REQUIRED IN CUT SECTIONS TO ALLOW FOR PLACEMENT OF TOPSOIL TO FINAL GRADE, SHALL BE INCLUDED IN THE PRICE BID.
- (R-7) FOR 205(A) PRICE BID TO INCLUDE COST OF (18-46-0) FERTILIZER, ESTIMATED AT 150 POUNDS PER ACRE.

FOR 230(A) AND 232(A) PRICE BID TO INCLUDE COST OF (10-20-10) FERTILIZER, ESTIMATED AT 200 POUNDS PER 1000 SQUARE YARDS.
- (R-8) FOR 230(A) & 232(A) PRICE BID TO INCLUDE COST OF WATERING, ESTIMATED AT 60 GALLONS PER SQUARE YARD.
- (R-11) THE QUANTITIES ESTIMATED FOR TEMPORARY EROSION AND SEDIMENT CONTROL IS 15.00 ACRES.
- (R-16) QUANTITY BASED ON TWO APPLICATIONS.
- (R-25) ESTIMATED AT 120 LBS. PER CU. FT.
- (R-28) PRIME COAT SHALL BE APPLIED AT AN ESTIMATED RATE OF 0.35 GAL. PER SQ. YD. WHEN APPLIED TO SUBGRADE, AND 0.25 GAL. PER SQ. YD. WHEN APPLIED TO AGGREGATE BASE. THE ACTUAL EMULSIFIED PRIME COAT REQUIRED FOR PLACEMENT OPERATIONS WILL BE DETERMINED BY THE CONTRACTOR, AND SHALL CONSIDER THE RESIDUE FROM DISTILLATION PERCENTAGE SHOWN IN SECTION 708.03 OF THE STANDARD SPECIFICATIONS.
- (R-30) PRICE BID TO INCLUDE COST OF 4,047 GALLONS OF TACK COAT, MEETING THE REQUIREMENTS OF SECTION 407 OF THE STANDARD SPECIFICATIONS.
- (R-32) ESTIMATED AT 112 LBS. PER SQ. YD. PER 1" THICK.
- (R-48) INCLUDES REMOVAL OF ALL EXISTING ROADWAY DRAINAGE STRUCTURES, HEADWALLS (UNLESS OTHERWISE SPECIFIED), INLETS, FENCES, AND OTHER STRUCTURES WITHIN THE RIGHT OF WAY.
- (R-49) TO BECOME THE PROPERTY OF AND BE DISPOSED OF BY THE CONTRACTOR IN A MANNER APPROVED BY THE ENGINEER.
- (R-50) MATERIALS REMOVED SHALL NOT BE MEASURED FOR PAYMENT UNDER SECTION 202.06 UNCLASSIFIED EXCAVATION.
- (R-52) INCLUDES 2% FOR GROUND MEASUREMENT.

ROADWAY PAY ITEM NOTES

- 1 TOPSOIL STOCKPILES AND DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY TEMPORARILY CEASES FOR AT LEAST 21 DAYS ARE TO BE STABILIZED WITH TEMPORARY SEEDING AND MULCH NO LATER THAN 14 DAYS FROM THE LAST CONSTRUCTION ACTIVITY IN THE AREA. PRIOR TO SEEDING, (10-20-10) FERTILIZER OR APPROVED EQUAL SHALL BE APPLIED TO ALL AREAS TO BE STABILIZED.
- 2 SEEDING QUANTITIES - ONE APPLICATION OF SEEDING METHOD A FOR TEMPORARY EROSION CONTROL, IF NEEDED.
MULCHING QUANTITIES - ONE APPLICATION OF VEGETATIVE MULCHING FOR TEMPORARY EROSION CONTROL, IF NEEDED, ESTIMATED AT 4,000 LBS PER ACRE.
- 3 SOLID SLAB SODDING SHALL BE PLACED IN THE BOTTOM OF ALL UNPAVED DITCHES AND ALL OTHER DISTURBED AREAS PER PLANS. PERMANENT SLOPE PROTECTION SHALL BE SOLID SLAB SOD PER MISCELLANEOUS DETAILS, SHEET 4.
- 4 ESTIMATED QUANTITY TO BE USED AT THE DISCRETION OF THE ENGINEER.
- 5 PRICE BID SHALL INCLUDE SEDIMENT REMOVAL.
- 6 ITEMS TO BE REMOVED MAY OR MAY NOT BE PRESENT IN ANY SPECIFIED CONDITION.
- 7 GEOGRID AND GEOTEXTILE REINFORCEMENT SHALL MEET THE MINIMUM STRENGTH PROPERTIES SHOWN ON SHEET 22.
- 8 INCLUDES 2,275 TONS FOR SURFACING AND 49 TONS FOR TEMPORARY DRIVEWAYS AS SHOWN ON SUMMARIES (1).
- 9 INCLUDES 26,037 SY FOR SURFACING AND 9,119 SY FOR DETOUR SURFACING AS SHOWN ON SUMMARIES (1).
- 10 INCLUDES 6,627 TONS FOR SURFACING, 2,246 TONS FOR DETOUR SURFACING, AND 287 TONS FOR DRIVEWAYS AS SHOWN ON SUMMARIES (1).
- 11 INCLUDES 2,366 TONS FOR SURFACING, 260 TONS FOR GUARDRAIL WIDENING, AND 111 TONS FOR DRIVEWAYS AS SHOWN ON SUMMARIES (1).
- 12 INCLUDES THE PRICE OF A TONGUE AND GROOVE GASKET JOINT.
- 13 PRICE BID SHALL INCLUDE COST OF TRENCH EXCAVATION AND STANDARD BEDDING MATERIAL.
- 14 PRICE BID TO INCLUDE THE CHEMICAL ADDITIVE(S) TO ACHIEVE THE RATE SPECIFIED FOR THE APPROPRIATE SOIL CLASSIFICATION AS SPECIFIED IN THE MOST CURRENT ODOT MATERIALS DIVISION OHDL-50. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CLASSIFY THE SOIL AND DETERMINE THE APPROPRIATE ADDITIVE(S).
- 15 USE 3-1/2" DIAMETER X 8'-0" LONG GALVANIZED STEEL (SCHEDULE 40) PIPE FOR CORNER, STRETCHER & END POST AND 2" DIAMETER GALVANIZED STEEL PIPES (SCHEDULE 40) AS BRACING. ATTACH BRACE POST USING STANDARD CHAIN LINK FENCE HARDWARE MEETING THE REQUIREMENTS OF AASHTO M 181 AND ASTM A53. SEE CHAIN LINK FENCE DETAILS ON ROADWAY STANDARD RWF3-2. USE CORNER & STRETCHER POSTS DETAIL, NOT THE CORNER & STRETCHER POSTS DETAIL ALTERNATE SHOWN ON STANDARD RWF2-2 TO CONSTRUCT. PLACE CLASS A CONCRETE FOOTING AS PER ALTERNATE POST OPTION. OMIT TENSION WIRES. GATE POST WILL BE 5-9/16" DIAMETER X 8'-0" LONG AND MEET THE REQUIREMENTS OF STANDARD RWF3-2 POST AND FRAMEWORK SCHEDULE GATE POST OVER 12' TO 18' WIDE. NO WOODEN POST WILL BE ALLOWED.
- 16 INCLUDES 11,887 GALLONS FOR SURFACING, 2,006 GALLONS FOR DETOUR SURFACING, 404 GALLONS FOR GUARDRAIL WIDENING, AND 155 GALLONS FOR DRIVEWAYS AS SHOWN ON SUMMARIES (1).