

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				
DESCRIPTION		REVISIONS		DATE	
▲		UPDATED NOTE		6/14/2016	
▲		UPDATED NOTE		8/8/2016	
▲		ADDED NOTE		8/8/2016	
▲		REMOVED NOTES		8/9/2016	

GENERAL CONSTRUCTION NOTES

MAINTENANCE OF THROUGH TRAFFIC INCLUDES THE MAINTENANCE OF THE EXISTING ROAD IN CLOSE PROXIMITY TO THE NEW CONSTRUCTION AS SHOWN ON THE PLANS. ▲

FOR PROJECTS THAT INCLUDE WIDENING AND/OR RESURFACING, THE CONTRACTOR SHALL SCHEDULE OPERATIONS TO MINIMIZE POTENTIAL DROP-OFF HAZARDS AND SHALL SUBMIT A SEQUENCE OF CONSTRUCTION OPERATIONS TO THE RESIDENT ENGINEER FOR APPROVAL BEFORE OPERATIONS BEGIN. ANY PORTION OF THE CONSTRUCTION OPERATIONS, SUCH AS SUPERPAVE LAYING OPERATIONS, EXCAVATION FOR PAVEMENT WIDENING, OR EXTENSION OF ROADWAY STRUCTURES, SHALL BE LIMITED TO ONE SIDE AT A TIME, AND THE PROCEDURES OUTLINED IN THE PAVEMENT DROP-OFF TREATMENT STANDARD PDT-1 (LATEST REVISION) SHALL BE IMPLEMENTED. ONLY THAT AMOUNT OF OPEN TRENCH WILL BE ALLOWED THAT CAN BE SURFACED IN 1 (ONE) DAY'S TIME WITHOUT APPROVAL BY THE ENGINEER. LIGHTS, SIGNS AND BARRICADES SHALL BE MOVED AS WORK PROGRESSES.

ALL TREES, BRUSH, AND OTHER DEBRIS THAT MIGHT INTERFERE WITH THE FLOW OF WATER SHALL BE CLEANED OUT TO THE RIGHT-OF-WAY LINE, AT EACH STRUCTURE AND BRIDGE, IN A MANNER APPROVED BY THE ENGINEER. ALL COST TO BE INCLUDED IN OTHER ITEMS OF WORK.

THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY RIGHT-OF-WAY FENCE AS REQUIRED. WHEN THE PORTION OF THE PROJECT THAT REQUIRED THIS FENCE IS COMPLETED, THE TEMPORARY FENCE SHALL BE REMOVED, AND PERMANENT RIGHT-OF-WAY FENCING SHALL BE RESTORED OR INSTALLED IN A MANNER APPROVED BY THE ENGINEER. ALL COST OF TEMPORARY FENCING SHALL BE INCLUDED IN OTHER ITEMS OF WORK. ▲ ▲

ALL FLOWLINES THAT ARE TO BE FILLED SHALL BE THOROUGHLY TAMPED BEFORE CONSTRUCTION OR EXTENSION OF DRAINAGE STRUCTURES. ALL COST TO BE INCLUDED IN OTHER ITEMS OF WORK.

IN ORDER TO ALLEVIATE DUST CONDITIONS DURING GRADING OPERATIONS AND BEFORE PAVEMENT WORK IS COMPLETED, THE CONTRACTOR SHALL SPRINKLE GRADING AT INTERVALS APPROVED BY THE ENGINEER. ALL COST TO BE INCLUDED IN OTHER ITEMS OF WORK.

THE CONTRACTOR SHALL NOT WASTE ANY EXCESS EXCAVATION UNTIL ALL PLANNED EMBANKMENTS AND BACKFILLS ARE COMPLETED. EXCESS UNCLASSIFIED EXCAVATION MATERIAL DETERMINED BY THE ENGINEER TO BE SUITABLE FOR BACKFILL SHALL BE USED TO REDUCE ANY UNCLASSIFIED BORROW NEEDED. COST OF SECOND HANDLING SHALL BE INCLUDED IN OTHER ITEMS OF WORK. ANY REMAINING EXCESS EXCAVATION SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND BE DISPOSED OF IN A MANNER APPROVED BY THE ENGINEER. ▲ ▲

PRIME COAT SHALL BE APPLIED TO THE SUBGRADE IMMEDIATELY AFTER FINAL COMPACTION AND SHAPING TO RETAIN MOISTURE FOR PROPER CHEMICAL REACTION OF THE SOIL ADDITIVE.

THE CONTRACTOR SHALL KEEP THE OPEN TRENCH DRAINED. COST TO BE INCLUDED IN OTHER ITEMS OF WORK.

TEMPORARY SEEDING MIX SHALL BE AS FOLLOWS:  
 KINDS OF SEED TO BE FURNISHED QUANTITY PER ACRE  
 PERENNIAL RYEGRASS (LOLIUM PERENNE ) 20 LBS. OF SEED  
 CRIMSON CLOVER (TRIFOLIUM INCARNATUM ) 12 LBS. OF SEED

VEGETATIVE MULCHING: THE VEGETATIVE MULCH SHALL BE ANCHORED IN ACCORDANCE WITH THE "MULCHING-TILLER METHOD", AS SPECIFIED IN 233.04B(2) OF THE STANDARD SPECIFICATIONS.

THE PLANTING OF TEMPORARY SEEDING SEEDS SHALL BE RESTRICTED TO THE PERIOD FROM SEPT. 01 TO NOV. 15 OR MARCH 15 TO MAY 30.

AREAS ON WHICH SALVAGED TOPSOIL IS TO BE REPLACED SHALL HAVE 18-46-0 FERTILIZER APPLIED, AT THE RATE OF 150 POUNDS PER ACRE, JUST PRIOR TO THE REPLACEMENT OF SALVAGED TOPSOIL. ▲ ▲

AT THE BEGINNING OF TURFING OPERATIONS, ANY AREAS INCLUDED IN PLANNED QUANTITIES THAT HAVE GROWN A SATISFACTORY VOLUNTEER TURF OF PERENNIAL GRASS, AS DETERMINED BY THE ENGINEER, SHALL BE FERTILIZED AND WATERED AS CALLED FOR ON THE PLANS, BUT SHALL NOT BE SEEDED, SODDED, OR SPRIGGED.

T.B.S.C. SURFACES SHALL BE SPRINKLED WITH WATER AND ROLLED WITH A PNEUMATIC ROLLER IN A MANNER APPROVED BY THE ENGINEER.

IN ACCORDANCE WITH THE OKLAHOMA UNDERGROUND FACILITIES DAMAGE PREVENTION ACT THE CONTRACTOR SHALL NOTIFY THE OKLAHOMA ONE-CALL SYSTEM, INC. 48 HOURS PRIOR TO BEGINNING EXCAVATION. OKLAHOMA ONE-CALL SYSTEM, INC. "CALL OKIE" 1-800-552-6543 OR 811


PAY QUANTITY 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 64,856 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 TYPE A-SALVAGED TOPSOIL PRICE BID TO INCLUDE COST OF 18-46-0 FERTILIZER, ESTIMATED AT 150 POUNDS PER ACRE.
- (R-9) ESTIMATED AT 40 GALLONS PER SQ. YD. OF SODDING AND/OR SPRIGGING.
- ▲ (R-11) THE QUANTITIES ESTIMATED FOR TEMPORARY EROSION AND SEDIMENT CONTROL IS 1.05 ACRES.
- (R-13) ESTIMATED AT 200 POUNDS OF 10-20-10 FERTILIZER PER 1,000 SQ. YDS. OF SODDING AND/OR SPRIGGING.
- (R-25) ESTIMATED AT 150 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 CUTBACK 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-32) ESTIMATED AT 112 LBS. PER SQ. YD. PER 1" THICK.
- (R-47) PRICE BID TO INCLUDE COST OF 19.00 CU. YD. FOR PIPE UNDERDRAIN.


PAY QUANTITIES			
ROADWAY		100	
ITEM	DESCRIPTION	UNIT	QUANTITY
201(A) 0102	CLEARING AND GRUBBING	L.SUM	1.00
202(A) 0183	UNCLASSIFIED EXCAVATION (R-1)	C.Y.	773.00
202(D) 0184	UNCLASSIFIED BORROW (R-1)	C.Y.	1,276.00
205(A) 4229	TYPE A-SALVAGED TOPSOIL (R-5) (R-7)	L.SUM	1.00
230(A) 2806	SOLID SLAB SODDING (1)	S.Y.	5,076.00
230(F) 2812	WATERING (R-9)	KGAL.	204.00
233(A) 2817	VEGETATIVE MULCHING (R-11)	AC.	1.05
234(A) 2824	FERTILIZING (10-20-10) (R-13)	TON	1.00
241 2832	MOWING	AC.	1.05
303(A) 2100	AGGREGATE BASE TYPE A	C.Y.	283.00
325 5271	SEPARATOR FABRIC	S.Y.	1,048.00
326(B) 0100	GEOGRID REINFORCEMENT	S.Y.	1,048.00
402(E) 0225	TRAFFIC BOUND SURFACE COURSE TYPE E (R-25)	TON	108.00
407(B) 0250	TACK COAT (2)	GAL.	231.00
408 5774	PRIME COAT (R-28)	GAL.	656.00
411(C) 5960	SUPERPAVE, TYPE S4 (PG 64-22 OK) (R-32)	TON	500.00
412 5267	COLD MILLING PAVEMENT (3)	S.Y.	910.00
509(D) 0325	CLASS C CONCRETE (4)	C.Y.	25.00
613(H) 0500	8" PERFORATED PIPE UNDERDRAIN ROUND	L.F.	400.00
613(Q) 5946	OUTLET LATERAL HEADWALL	EA.	4.00
613(T) 1187	STANDARD BEDDING MATERIAL, CLASS C (5)	C.Y.	10.00
613(U) 1100	PIPE UNDERDRAIN COVER MAT'L.	C.Y.	5.00
613(V) 1180	TRENCH EXCAVATION (R-47)	C.Y.	19.00
623(A) 0932	BEAM GUARDRAIL-W-BEAM-SINGLE	L.F.	100.00
623(G) 8590	GUARDRAIL END TREATMENT (31") (6)	EA.	4.00
623(I) 8700	GUARDRAIL BRIDGE THRIE BEAM (31")	EA.	4.00
853 9069	GUARDRAIL DELINEATORS (TYPE2, CODE 1)	EA.	8.00


- (1) INCLUDES 4,400.00 S.Y. TO BE USED FOR TEMPORARY CONSTRUCTION SLOPES AS DIRECTED BY THE ENGINEER.
- (2) ESTIMATED AT 0.075 GAL. PER S.Y. PRIOR TO DILUTION.
- (3) MILLINGS ARE TO BECOME THE PROPERTY OF AND BE DISPOSED OF BY THE CONTRACTOR IN MANNER APPROVED BY THE ENGINEER.
- (4) TO BE USED AS DIRECTED BY THE ENGINEER.
- (5) INCLUDES AN ESTIMATED 10.00 C.Y. TO BE USED FOR PIPE UNDERDRAIN.
- (6) THIS PAY ITEM WILL INCLUDE THE SKT-SP-MSG OR APPROVED SUBSTITUTE.

Y:\Division 2\Projects Moved to Project Wise\Bryan 27912 (04) \Draft\27912 (04) -PayQuantities.dgn



OKLAHOMA DEPARTMENT OF TRANSPORTATION  
DESIGN DIVISION

PREPARED BY:  
  
 DEREK LEE MCINTOSH, P.E.  
 OKLA. REG. NO. 24271



REGISTERED PROFESSIONAL ENGINEER  
 DEREK LEE MCINTOSH  
 24271  
 OKLAHOMA

DATE \_\_\_\_\_

DESIGN	KN		<b>OKLAHOMA DEPARTMENT OF TRANSPORTATION</b> <b>ROADWAY DESIGN DIVISION</b>  <b>SUMMARY OF PAY QUANTITIES</b> <b>(ROADWAY)</b>  STATE JOB NO. 27912(04) SHEET NO. A01 BRYAN CO. SH-78
DRAWN	KN		
CHECKED			
APPROVED			
SQUAD	JONES		