

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.	28878(04)			

DESCRIPTION	REVISIONS	DATE

GENERAL CONSTRUCTION NOTES

THIS PROJECT SHALL BE CONSTRUCTED WITHOUT CLOSING THE EXISTING ROAD TO LOCAL AND THROUGH TRAFFIC. SEE STANDARD SPECIFICATIONS FOR MAINTENANCE OF LOCAL AND THROUGH TRAFFIC.

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.

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.

TEMPORARY SEEDING MIX SHALL BE AS FOLLOWS:
 KINDS OF SEED TO BE FURNISHED QUANTITY PER ACRE
 PERENNIAL RYEGRASS (LODIUM 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 SEEDS SHALL BE RESTRICTED TO THE PERIOD FROM SEPTEMBER 1ST TO NOVEMBER 15TH OR MARCH 15TH TO MAY 30TH.

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 SEEDDED, SODDED, OR SPRIGGED.

EXCESS ASPHALT AT JOINTS AND CRACKS IN EXISTING PAVEMENT SHALL BE REMOVED FLUSH TO TOP OF PAVING 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" 1-800-522-6543 OR 811.

DEBRIS SHALL NOT BE BURIED WITHIN LIMITS OF RIGHT OF WAY.

THE STORM WATER MANAGEMENT PLAN CONFIRMED IN THE PRE-WORK MEETING SHALL BE MADE AVAILABLE ON THE JOB SITE ALONG WITH COPIES OF THE NOTICE OF INTENT.

CONTRACTOR TO MAKE EVERY EFFORT TO LOCATE AND PROTECT ALL UTILITIES AND STRUCTURES, WHETHER SHOWN OR NOT, PRIOR TO ANY CONSTRUCTION OPERATIONS. CONTRACTOR SHALL CARRY ON CONSTRUCTION SUCH THAT NO DAMAGE WILL OCCUR TO ANY UTILITIES OR STRUCTURES REMAINING IN PLACE.

PAY ITEM NOTES

- (R-5) AN ESTIMATED QUANTITY OF 162 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 SOLID SLAB SODDING PRICE BID TO INCLUDE COST OF 10-20-10 FERTILIZER ESTIMATED AT 200 POUNDS PER 1,000 S.Y. OF SOLID SLAB SODDING.
 FOR SEEDING METHOD B PRICE BID TO INCLUDE COST OF 10-20-10 FERTILIZER ESTIMATED AT 300 POUNDS PER ACRE OF SEEDING.
 FOR TYPE A-SALVAGED TOP SOIL PRICE BID TO INCLUDE COST OF 18-46-0 FERTILIZER ESTIMATED AT 150 POUNDS PER ACRE.
- (R-8) FOR SOLID SLAB SODDING PRICE BID TO INCLUDE COST OF WATERING, ESTIMATED AT 40 GALLONS PER SQ.YD.
- (R-11) THE QUANTITIES ESTIMATED FOR TEMPORARY EROSION AND SEDIMENT CONTROL IS 0.24 ACRES.
- (R-16) QUANTITY BASED ON TWO APPLICATIONS.
- (R-30) PRICE BID TO INCLUDE COST OF 1,244 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-34) PRICE BID TO INCLUDE COST OF FOG SEAL, MEETING THE REQUIREMENTS OF SECTION 407 OF THE STANDARD SPECIFICATIONS.
- (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.
- (1) PRICE BID SHALL INCLUDE COST OF MAINTENANCE AND REMOVAL OF SILT DURING CONSTRUCTION AS DIRECTED BY THE ENGINEER.
- (2) PRICE BID FOR TEMPORARY SEEDING SHALL INCLUDE WATERING AS REQUIRED TO ESTABLISH AND MAINTAIN PLANTING.
- (3) THIS PAY ITEM WILL INCLUDE THE SKT-SP-MGS OR APPROVED SUBSTITUTE. THE ET-PLUS WILL NOT BE ALLOWED.
- (4) SEE DETAIL SHEET 11 FOR MINIMUM REQUIREMENTS.
- (5) PRICE BID SHALL INCLUDE ALL EARTHWORK OPERATIONS SHOWN ON CROSS SECTIONS. SEE SUMMARY TARIFF SHEET 7.
- (6) PRICE BID SHALL INCLUDE ALL CLASS AA CONCRETE, EPOXY COATED REINFORCING STEEL, EXCAVATION, LABOR, MATERIALS, REMOVALS, AND INCIDENTALS TO CONSTRUCT REINFORCED CONCRETE SLAB FOOTING.

PAY QUANTITIES					JP 28878(04)
ROADWAY		0100			
ITEM NO.	CODE NO.	DESCRIPTION	UNIT	QUANTITY	
202(H)	0185	EARTHWORK	(5) LSUM	1	
205(A)	4229	TYPE A-SALVAGED TOPSOIL	(R-5)(R-7) LSUM	1	
221(C)	2801	TEMPORARY SILT FENCE	(1) LF	1,265	
221(D)	2803	TEMPORARY SEDIMENT FILTER	(1) EA	1	
221(F)	0100	TEMPORARY SILT DIKE	(1) LF	56	
230(A)	2806	SOLID SLAB SODDING	(R-7)(R-8) SY	1,169	
232(B)	2814	SEEDING METHOD B	(2)(R-7) AC	0.24	
233(A)	2817	VEGETATIVE MULCHING	(R-11) AC	0.24	
241	2832	MOWING	(R-16) AC	0.48	
242	0400	(PL)STABILIZED CONSTRUCTION EXT	(4) EA	2	
411(C)	5955	SUPERPAVE, TYPE S4(PG 70-28 OK)	(R-30)(R-32) TON	943	
411(C)	5960	SUPERPAVE, TYPE S4(PG 64-22 OK)	(R-30)(R-32) TON	632	
412	5267	COLD MILLING PAVEMENT	(R-34) SY	5,078	
504(E)	6190	42" F-SHAPED PARAPET	(6) LF	264	
509(B)	0325	CLASS A CONCRETE(LONG. BAR. DES. 1-A)	CY	27	
511(A)	0332	REINFORCING STEEL	LB	577	
612(C)	0645	INLET ADJUST TO GRADE	EA	1	
619(A)	0920	REMOVAL OF STRUCTURES & OBSTRUCTIONS	(R-48)(R-49)(R-50) LSUM	1	
619(B)	4728	REMOVAL OF ASPHALT PAVEMENT	(R-49)(R-50) SY	609	
619(B)	4780	REMOVAL OF GUARDRAIL	(R-49)(R-50) LF	1,187	
623(A)	0932	BEAM GUARDRAIL W-BEAM SINGLE	LF	675	
623(G)	8590	GUARDRAIL END TREATMENT (31")	(3) EA	2	
623(I)	8700	GUARDRAIL BRIDGE CONN-THRIE BEAM (31")	EA	2	

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DESIGN	HBV	7/17	OKLAHOMA DEPARTMENT OF TRANSPORTATION US-64/SH-51 OVER SHERIDAN RD. SUMMARY OF PAY QUANTITIES AND NOTES (ROADWAY)
DRAWN	TJH	7/17	
CHECKED	NAB	7/17	
APPROVED			
SQUAD	GARVER		
COUNTY	TU_SA	HIGHWAY	SH-51 STATE JOB NO. 28878(04) SHEET NO. 5