

**ROADWAY 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-7) FOR 205(A) TYPE A SALVAGED TOPSOIL PRICE BID TO INCLUDE COST OF 18-46-0 FERTILIZER, ESTIMATED AT 200 POUNDS PER SQUARE YARD. FOR 230(A) SOLID SLAB SODDING, PRICE BID TO INCLUDE THE COST OF 10-20-10 FERTILIZER AT THE SAME RATE.
- (R-8) PRICE BID TO INCLUDE COST OF WATERING, ESTIMATED AT 40 GALLONS PER SQUARE YARD.
- (R-25) ESTIMATED AT 120 LBS. PER CU. FT.
- (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) THIS ITEM SHALL BE TYPE 2 GEOGRID.
- (2) PRIOR TO PAVEMENT REMOVAL, ALL PAVEMENT SHALL BE SAW CUT, FULL DEPTH.
- (3) NOT USED
- (4) PRICE BID FOR THIS ITEM TO INCLUDE THE COST OF TEMPORARY SEDIMENT REMOVAL WHEN 50% FULL.
- (5) TO INCLUDE THE COST OF STUBBING PIPE INTO EXISTING MEDIAN DRAINS.
- (6) PRICE BID FOR THIS ITEM TO INCLUDE TRENCH EXCAVATION, BACKFILLING AND STANDARD BEDDING MATERIAL PER ODOT STANDARD SPI-4-1.
- (7) PRICE BID SHALL INCLUDE ALL COST TO RE-LAP GUARDRAIL FOR TRAFFIC SEQUENCING PURPOSES (SEE CONSTRUCTION PHASE).
- (8) PAY ITEM CONTAINS 299 TONS OF SUPERPAVE, TYPE S4 (PG76-28 OK) FOR 200' ROADWAY TRANSITION EACH SIDE OF BRIDGE 'A' AND BRIDGE 'B' AT APPROVAL OF ENGINEER. FOR USE IN OVERLAY OF THE DRIVING LANES.
- (9) PAY ITEM CONTAINS 130 TONS OF SUPERPAVE, TYPE S4 (PG64-22 OK) FOR 200' ROADWAY TRANSITION EACH SIDE OF BRIDGE 'A' AND BRIDGE 'B' AT APPROVAL OF ENGINEER. FOR USE IN OVERLAY OF THE EXISTING SHOULDERS.
- (10) PAY ITEM CONTAINS 4,356 SY OF COLD MILLING PAVEMENT FOR 200' ROADWAY TRANSITION EACH SIDE OF BRIDGE 'A' AND BRIDGE 'B' AT APPROVAL OF ENGINEER.
- (11) 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 OHD L-50. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CORRECTLY CLASSIFY THE SOIL AND DETERMINE THE APPROPRIATE ADDITIVE(S).
- (12) THE SKT-350 OR APPROVED EQUAL SHALL BE UTILIZED ON THIS PROJECT. THE ET-PLUS WILL NOT BE ALLOWED.
- (13) THIS ITEM TO BE USED AT THE DISCRETION OF THE ENGINEER TO MAINTAIN TRAFFIC DURING CONSTRUCTION.
- (14) TO INCLUDE COST OF RE-LAPPING EXISTING AND PROPOSED GUARDRAIL WHEN DETOUR TRAFFIC IS PLACED IN THE OPPOSING DIRECTION.
- (15) NOT USED
- (16) 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.

**GENERAL 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.

FOR PROJECTS THAT INCLUDE WIDENING AND/OR RESURFACING, THE CONTRACTOR SHALL SCHEDULE OPERATIONS TO MINIMIZE POTENTIAL DROPOFF 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 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.

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

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.

PRIOR TO FINAL ACCEPTANCE, ALL EXPOSED CURB SURFACES SHALL BE CLEANED OF ALL DISCOLORATION SUCH AS ASPHALT STAIN, TIRE MARKS, OR OTHER DISFIGUREMENT.

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 ONECALL SYSTEM, INC. "CALL OKIE" 1-800-522-6543 OR 811.

**ENVIRONMENTAL MITIGATION NOTES**

**AMERICAN BURYING BEETLE (ABB) NOTE**

THE AMERICAN BURYING BEETLE IS A LARGE CARRION BURYING BEETLE THAT IS LISTED AS ENDANGERED UNDER THE ENDANGERED SPECIES ACT. IN ORDER TO AVOID ADVERSE IMPACTS, NO ARTIFICIAL LIGHTING SHALL BE USED DURING CONSTRUCTION. CARCASSES AND ALL FOOD TRASH SHALL BE REMOVED FROM THE PERMANENT AND TEMPORARY RIGHT-OF-WAY THROUGHOUT PROJECT ACTIVITIES.

**MIGRATORY BIRD NOTE**

MIGRATORY BIRDS ARE PROTECTED BY THE FEDERAL MIGRATORY BIRD TREATY ACT. THESE BIRDS COMMONLY USE BRIDGES AND CULVERTS FOR NESTING. THE NESTING SEASON FOR THE BIRDS RUNS FROM APRIL 1 TO AUGUST 31. ANY ACTIVITIES WHICH WOULD DESTROY ACTIVE NESTS OR HARM EGGS OR BIRDS WOULD VIOLATE THE MIGRATORY BIRD TREATY ACT. MIGRATORY BIRD USE OF BRIDGES NBI NO. 17224 & 17225 WAS OBSERVED DURING THE INITIAL SURVEY CONDUCTED AS PART OF THE BIOLOGICAL STUDIES IN 2016. THE RESIDENT ENGINEER WILL EVALUATE THE CONTRACTOR'S PROPOSED WORK METHODS AND CONCLUDE WHETHER THE PROPOSED WORK WOULD POSE DISRUPTION TO ANY NESTING BIRDS BEFORE WORK NEAR THE STRUCTURE IS AUTHORIZED. IF THE PROPOSED WORK WILL HARM ANY NESTING BIRDS, THE BRIDGE MAY BE NETTED PRIOR TO APRIL 1 OR THE WORK DELAYED UNTIL THE NESTING SEASON IS COMPLETE. METHODS OTHER THAN NETTING MUST BE PRE-APPROVED BY THE ODOT BIOLOGIST.

IF THE CONTRACTOR ELECTS TO BUILD A WORK ROAD(S) TO PERFORM WORK, THE CONTRACTOR WILL BE RESPONSIBLE FOR EFFECTIVE EROSION AND SEDIMENT CONTROL IN ACCORDANCE WITH THE DEQ OKR10 GENERAL CONSTRUCTION REGULATIONS. IF THE AREA OF DISTURBANCE IS ONE (1) OR MORE ACRES AND IS NOT ALREADY COVERED BY A DEQ PERMIT, THE CONTRACTOR WILL BE REQUIRED TO OBTAIN A DEQ STORM WATER CONSTRUCTION PERMIT WHICH WILL INCLUDE AN APPLICATION (NOTICE OF INTENT) TO DEQ PRIOR TO EARTH DISTURBING ACTIVITIES, A STORM WATER POLLUTION PREVENTION PLAN AND THE INSTALLATION AND MAINTENANCE OR EROSION AND SEDIMENT CONTROLS. IN ADDITION, THE CONTRACTOR WILL BE RESPONSIBLE FOR PERMANENT STABILIZATION MEASURES AFTER REMOVAL OF THE WORK ROAD(S). ALL COSTS ASSOCIATED WITH THE CONTRACTORS' WORK ROAD INCLUDING A DEQ PERMIT, EROSION AND SEDIMENT CONTROLS AND PERMANENT STABILIZATION, ETC. WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

THE FOLLOWING AIRPORT/AIRFIELD LOCATED WITHIN 4 MILES OF THIS PROJECT. THIS ACTION MAY REQUIRE NOTIFYING THE FEDERAL AVIATION ADMINISTRATION (FAA) OF PROPOSED CONSTRUCTION VIA FAA FORM 7460-1 PRIOR TO CONSTRUCTION. WILLIAM R. POGUE MUNICIPAL AIRPORT.

REVISIONS		
REV. NO.	DESCRIPTION	DATE
△	QUANTITIES	9/14/17

JP28884(04)		PAY QUANTITIES		
ITEM	DESCRIPTION	UNIT	QTY	
202(A)	0183 UNCLASSIFIED EXCAVATION	(R-1)	CY	628.10
202(D)	0184 UNCLASSIFIED BORROW	(R-1)	CY	126.80
221(C)	2801 TEMPORARY SILT FENCE	(4)	LF	1,020.00
221(F)	0100 TEMPORARY SILT DIKE	(4)	LF	120.00
221(K)	0600 TEMPORARY FIBER LOG	(4)	LF	350.00
230(A)	2806 SOLID SLAB SODDING	(R-7)(R-8)	SY	1,020.00
303(A)	2100 AGGREGATE BASE TYPE A		CY	1,704.62
307(K)	4300 STABILIZED SUBGRADE	(R-1)(11)	SY	6,020.00
325	5271 SEPARATOR FABRIC	(R-1)	SY	6,371.00
326 (B)	0100 GEOGRID REINFORCEMENT	(R-1)(1)	SY	640.00
402(E)	0225 TRAFFIC BOUND SURFACE COURSE TYPE E	(R-25)	TON	14.00
407(B)	0250 TACK COAT		GAL	1,912.00
408	5774 PRIME COAT	(16)	GAL	1,593.00
411(B)	5935 SUPERPAVE, TYPE S3 (PG 76-28 OK)	(R-32)	TON	904.00
411(B)	5945 SUPERPAVE, TYPE S3 (PG 64-22 OK)	(R-32)	TON	2,170.00
411(C)	5950 SUPERPAVE, TYPE S4 (PG 76-28 OK)	(R-32)(8)	TON	902.00
411(C)	5960 SUPERPAVE, TYPE S4 (PG 64-22 OK)	(R-32)(9)	TON	959.00
411(I)	6310 SUPERPAVE, TYPE S4 (PATCH)(PG 64-22 OK)	(13)	TON	50.00
412	5267 COLD MILLING PAVEMENT	(R-34)(10)	SY	7,739.00
610(A)	0604 5" CONCRETE SIDEWALK		SY	227.00
611(G)	6002 INLET (SMD-TYPE 2)		EA	2.00
611 (L)	0487 JUNCTION BOXES		CF	151.58
612(B)	0750 CONNECT TO EXISTING MANHOLE		EA	2.00
613(A)	0491 18" R.C. PIPE CLASS III	(5)(6)	LF	1,338.00
619(A)	0920 REMOVAL OF STRUCTURES & OBSTRUCTIONS	(R-48)(R-49)	LSUM	1.00
619(B)	4728 REMOVAL OF ASPHALT PAVEMENT	(R-49)(R-50)(2)	SY	1,299.00
619(B)	4780 REMOVAL OF GUARDRAIL	(R-49)	LF	1,196.00
619(C)	0924 SAWING PAVEMENT	(2)	LF	2,629.00
623(A)	0932 BEAM GUARDRAIL W-BEAM SINGLE	(7)(14)	LF	762.50
623(G)	8590 GUARDRAIL END TREATMENT (31")	(12)(14)	EA	3.00
623(I)	8700 GUARDRAIL BRIDGE CONN-THRIE BEAM (31")	(14)	EA	3.00

TULSA COUNTY US-64 OVER 97TH W. AVE.

DESIGN	DLA	11/16	OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN	SDK	11/16	
CHECKED	HRA	11/16	
APPROVED			
WALTER P MOORE			
PAY QUANTITIES AND NOTES (ROADWAY)			
STATE JOB NO. 28884(04)			SHEET NO. 3