

| FED. ROAD DIST. NO. | STATE | JOB PIECE NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|---------------|-------------|-----------|--------------|
| 6 | OKLA. | 27050(04) | 2017 | | |

| DESCRIPTION | REVISIONS | DATE |
|-----------------|-----------|----------|
| REMOVED BARRIER | | 10-03-17 |

| PAY QUANTITIES | | | | | JP 27050(04) |
|----------------|----------|--|----------------------------|----------|--------------|
| ROADWAY 0100 | | | | | |
| ITEM NO. | CODE NO. | DESCRIPTION | UNIT | QUANTITY | |
| 201(A) | 0102 | CLEARING AND GRUBBING | (1) LSUM | 1 | |
| 202(A) | 0183 | UNCLASSIFIED EXCAVATION | (18)(R-1) CY | 93,849 | |
| 202(D) | 0184 | UNCLASSIFIED BORROW | (24)(R-3) CY | 1,000 | |
| 205(A) | 4229 | TYPE A-SALVAGED TOPSOIL | (R-5)(R-7) LSUM | 1 | |
| 221(C) | 2801 | TEMPORARY SILT FENCE | (2) LF | 3,315 | |
| 221(D) | 2803 | TEMPORARY SEDIMENT FILTER | (2) EA | 13 | |
| 221(F) | 0100 | TEMPORARY SILT DIKE | (2) LF | 2,877 | |
| 221(G) | 0152 | TEMPORARY ROCK FILTER DAM TYPE 3 | (2) CY | 44 | |
| 229 | 4318 | DITCH LINER PROTECTION | (21) LF | 235 | |
| 230(A) | 2806 | SOLID SLAB SODDING | (R-7)(R-8) SY | 64,155 | |
| 232(B) | 2814 | SEEDING METHOD B | (4)(R-7) AC | 27 | |
| 233(A) | 2817 | VEGETATIVE MULCHING | (R-11) AC | 13 | |
| 241 | 2832 | MOWING | (R-16) AC | 27 | |
| 242 | 0400 | (PL)STABILIZED CONSTRUCTION EXT | (8)(9) EA | 4 | |
| 307(K) | 4300 | STABILIZED SUBGRADE | (22)(R-22) SY | 42,199 | |
| 317 | 4270 | CEMENT TREATED BASE | (26)(25) SY | 37,532 | |
| 325 | 5271 | SEPARATOR FABRIC | SY | 933 | |
| 407(B) | 0250 | TACK COAT | (5)(23) GAL | 19,247 | |
| 408 | 5774 | PRIME COAT | (5)(R-28) GAL | 15,161 | |
| 409(A) | 4242 | FABRIC REINFORCEMENT | (5)(20) SY | 42,261 | |
| 411(B) | 5940 | SUPERPAVE, TYPE S3(PG 70-28 OK) | (R-32) TON | 10 | |
| 411(B) | 5945 | SUPERPAVE, TYPE S3(PG 64-22 OK) | (R-32) TON | 216 | |
| 411(C) | 5955 | SUPERPAVE, TYPE S4(PG 70-28 OK) | (R-32) TON | 4 | |
| 411(C) | 5960 | SUPERPAVE, TYPE S4(PG 64-22 OK) | (R-32) TON | 79 | |
| 414(A) | 0210 | P.C.CONCRETE PAVEMENT(PLACEMENT) | SY | 11,004 | |
| 414(B) | 5725 | DOWEL JOINTED P.C. CONCRETE PAVEMENT(PLACEMENT) | (27) SY | 22,427 | |
| 414(G) | 5275 | P.C. CONCRETE FOR PAVEMENT | CY | 8,360 | |
| 509(B) | 0321 | CLASS A CONCRETE | (R-40) CY | 26 | |
| 509(D) | 0325 | CLASS C CONCRETE | (R-41) CY | 148 | |
| 601(B) | 0536 | TYPE I-A PLAIN RIPRAP | (15) TON | 134 | |
| 601(C) | 0538 | TYPE I-A FILTER BLANKET | (16) TON | 33 | |
| 601(I) | 6312 | FILTER FABRIC (RIPRAP) | SY | 120 | |
| 609(A) | 0288 | CONCRETE CURB (6" MNTBLE-INTEGRAL) | LF | 1,463 | |
| 609(B) | 1524 | 2'-8" COMB. CURB & GUTTER (6" MNTBLE) | LF | 79 | |
| 609(B) | 1526 | 2'-8" COMB. CURB & GUTTER (8" BARRIER) | LF | 262 | |
| 610(C) | 0609 | 6" CONCRETE DIVIDING STRIP | SY | 1,878 | |
| 611(A) | 2657 | MANHOLE (4' DIAMETER) | EA | 6 | |
| 611(A) | 2658 | MANHOLE (5' DIAMETER) | EA | 1 | |
| 611(A) | 2659 | MANHOLE (6' DIAMETER) | EA | 1 | |
| 611(B) | 2680 | ADD'L DEPTH IN MANHOLE (4' DIAMETER) | VF | 2.15 | |
| 611(B) | 2681 | ADD'L DEPTH IN MANHOLE (5' DIAMETER) | VF | 2.21 | |
| 611(G) | 5112 | INLET CI DES. 2 (STD) | (R-44) EA | 3 | |
| 611(G) | 5113 | INLET CI DES. 2 (B) | (R-44) EA | 1 | |
| 611(G) | 5337 | INLET GPI TYPE 2 (DES. 11) | EA | 1 | |
| 611(G) | 6002 | INLET (SMD-TYPE 2) | EA | 1 | |
| 611(H) | 5325 | ADD'L DEPTH IN INLET CI DES. 2 | VF | 9.12 | |
| 611(H) | 5375 | ADD'L DEPTH IN INLET GPI TYPE 2 | VF | 0.60 | |
| 612(A) | 0641 | MANHOLE ADJUST TO GRADE | EA | 1 | |
| 613(A) | 0491 | 18" R.C.PIPE CLASS III | (10)(11)(12) LF | 1,200 | |
| 613(A) | 0492 | 24" R.C.PIPE CLASS III | (10)(11)(12) LF | 459 | |
| 613(A) | 0493 | 30" R.C.PIPE CLASS III | (10)(11)(12) LF | 77 | |
| 613(A) | 0495 | 42" R.C.PIPE CLASS III | (10)(11)(12) LF | 78 | |
| 613(B) | 0689 | 18" CORR. GALV. STEEL PIPE | LF | 95 | |
| 613(L) | 5726 | 18" PREFAB. CULVERT END SECTION, ROUND | EA | 5 | |
| 613(L) | 5730 | 24" PREFAB. CULVERT END SECTION, ROUND | EA | 4 | |
| 613(L) | 5732 | 30" PREFAB. CULVERT END SECTION, ROUND | EA | 2 | |
| 613(L) | 5734 | 36" PREFAB. CULVERT END SECTION, ROUND | EA | 1 | |
| 613(L) | 5736 | 42" PREFAB. CULVERT END SECTION, ROUND | EA | 2 | |
| 613(M) | 7196 | TYPE A6 CULVERT END TREATMENT | EA | 5 | |
| 613(M) | 7197 | TYPE B6 CULVERT END TREATMENT | EA | 1 | |
| 613(M) | 7201 | TYPE AA6 CULVERT END TREATMENT | EA | 2 | |
| 619(A) | 0920 | REMOVAL OF STRUCTURES & OBSTRUCTIONS | (3)(R-48)(R-49)(R-50) LSUM | 1 | |
| 619(B) | 4726 | REMOVAL OF CURB AND GUTTER | (R-49)(R-50) LF | 8,419 | |
| 619(B) | 4727 | REMOVAL OF CONCRETE PAVEMENT | (R-49)(R-50) SY | 27,478 | |
| 619(B) | 4728 | REMOVAL OF ASPHALT PAVEMENT | (R-49)(R-50) SY | 540 | |
| 619(B) | 6132 | REMOVAL OF 6" CONCRETE DIVIDING STRIP | (R-49)(R-50) SY | 417 | |
| 619(C) | 0924 | SAWING PAVEMENT | LF | 7,409 | |
| 624(C) | 4459 | FENCE-STYLE SWF (5 BARBED WIRE) | (R-52)(R-53) LF | 1,231 | |
| 624(E) | 4290 | FENCE-STYLE CLF (5' HIGH, CLASS A) | (R-52) LF | 1,150 | |
| 624(E) | 4298 | FENCE-STYLE CLF (7' HIGH, CLASS B) | (14)(17)(R-52) LF | 1,064 | |
| 677(A) | 9483 | PORTABLE LONGITUDINAL BARRIER | (19) LF | 50 | |

| PAY QUANTITIES | | | | | JP 27050(04) |
|----------------|------|-------------------------------|------|---|--------------|
| STAKING 0600 | | | | | |
| 642(B) | 0096 | CONSTRUCTION STAKING LEVEL II | LSUM | 1 | |

| PAY QUANTITIES | | | | | JP 27050(04) |
|-------------------|------|------------------------------------|------|---|--------------|
| CONSTRUCTION 0640 | | | | | |
| 220 | 2800 | SWPPP DOCUMENTATION AND MANAGEMENT | LSUM | 1 | |
| 640(A) | 1426 | FIELD OFFICE | EA | 1 | |
| 641 | 1552 | MOBILIZATION | LSUM | 1 | |

| 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-3) | ESTIMATED QUANTITY ONLY. TO BE USED IN A MANNER APPROVED BY THE ENGINEER, FOR MISCELLANEOUS GRADING. |
| (R-5) | AN ESTIMATED QUANTITY OF 8,915 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 TOP SOIL PRICE BID TO INCLUDE COST OF 18 - 46 - 0 FERTILIZER ESTIMATED AT 150 POUNDS PER ACRE. FOR SOLID SLAB SODDING PRICE BID TO INCLUDE COST OF 10 - 20 - 10 FERTILIZER ESTIMATED AT 200 POUNDS PER 1,000 S.Y. FOR SEEDING METHOD B PRICE BID TO INCLUDE COST OF 10 - 20 - 10 FERTILIZER ESTIMATED AT 300 POUNDS PER ACRE. |
| (R-8) | FOR SOLID SLAB SODDING PRICE BID TO INCLUDE COST OF WATERING, ESTIMATED AT 80 GALLONS PER SY. |
| (R-11) | THE QUANTITIES ESTIMATED FOR TEMPORARY EROSION AND SEDIMENT CONTROL IS 13.13 ACRES. |
| (R-16) | QUANTITY BASED ON TWO APPLICATIONS. |
| (R-22) | THE CONTRACTOR SHALL USE THE SLURRY METHOD OF STABILIZATION. |
| (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-40) | INCLUDES 26 C.Y. TO BE USED FOR CONCRETE MEDIANS OR ISLANDS. TO BE FINISHED IN ACCORDANCE WITH SEC. 610.04 OF THE STANDARD SPECIFICATIONS. |
| (R-41) | QUANTITY INCLUDES AN ESTIMATED 40 C.Y. TO BE USED AS DIRECTED BY THE ENGINEER. |
| (R-44) | PRICE BID TO INCLUDE COST OF (0) - 4" MOUNTABLE CURB HOODS, (6) - 6" MOUNTABLE CURB HOODS, (4) - 6" BARRIER CURB HOODS, (0) - 8" BARRIER CURB HOODS. |
| (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. |
| (R-53) | ALL GATES AND GATE END POSTS FOR STRANDED WIRE FENCE (SWF) SHALL BE CONSTRUCTED AT THE SAME WIDTH AS THE EXISTING, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. |

| PAY ITEM NOTES (CONTINUE) | |
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| (1) | ALL TREE REMOVAL TO BE INCLUDED IN PRICE BID FOR CLEARING AND GRUBBING. EVEN WHEN TREES ARE NOT SHOWN ON THE PLANS. TREES OUTSIDE THE TOE OF SLOPE NOT INTERFERING WITH CONSTRUCTION SHALL BE LEFT IN PLACE UNLESS THE TREE TYPE IS EASTERN RED CEDAR, SEE SPECIAL PROVISIONS. |
| (2) | PRICE BID SHALL INCLUDE COST OF MAINTENANCE AND REMOVAL OF SILT DURING CONSTRUCTION AS DIRECTED BY THE ENGINEER. |
| (3) | APPROXIMATE LOCATIONS FOR ITEMS TO BE REMOVED BY THE CONTRACTOR INCLUDE, BUT NOT LIMITED TO, THE ITEMS LISTED ON SHEET 19. ITEMS TO BE REMOVED MAY OR MAY NOT BE PRESENT IN ANY SPECIFIED CONDITION. REMOVAL ALSO INCLUDES OTHER ITEMS DEEMED NECESSARY BY THE ENGINEER TO CLEAR THE RIGHT OF WAY. |
| (4) | PRICE BID FOR TEMPORARY SEEDING SHALL INCLUDE WATERING AS REQUIRED TO ESTABLISH AND MAINTAIN PLANTING. QUANTITY IS TWICE THE ACTUAL AMOUNT TO ALLOW BROADCAST SEEDING. |
| (5) | PRIME THE SUBGRADE UPON COMPLETION OF SUBGRADE STABILIZATION. APPLY TACK COAT ACROSS THE GRADING SECTION AT 0.25 GAL PER SY. ROLL 8 OZ/SY. HEAT-SET, NONWOVEN REINFORCEMENT FABRIC ONTO FRESH TACK COAT. APPLY A SECOND APPLICATION OF TACK COAT, UNIFORMLY, AT A 0.20 GAL PER SY, ON TOP OF THE REINFORCING FABRIC. |
| (6) | OMITTED |
| (7) | OMITTED |
| (8) | ESTIMATED QUANTITY TO BE USED IN AREAS AS DIRECTED BY THE ENGINEER. |
| (9) | SEE SHEET 7 FOR MINIMUM REQUIREMENTS AND CONSTRUCTION DETAILS. |
| (10) | PRICE BID TO INCLUDE COST OF TRENCH EXCAVATION AND STANDARD BEDDING MATERIAL AS SHOWN ON THE SUMMARY OF DRAINAGE STRUCTURES. |
| (11) | PRICE BID TO INCLUDE TONGUE AND GROOVE GASKET JOINTS BETWEEN PIPE SEGMENTS. |
| (12) | LENGTH SHOWN INCLUDES PAID LENGTH ONLY. THE COMPUTED LENGTH SHOWN IN THE SUMMARY OF DRAINAGE STRUCTURES IS THE LENGTH CALCULATED TO THE HYDRAULIC OPENING ONCE THE END SECTION OR END TREATMENT IS INSTALLED. REFER TO SHEET 24 FOR DETAIL. |
| (14) | PRICE BID TO INCLUDE FENCE SECURITY BARRIER AT SWALE CROSSINGS AS SHOWN ON SHEET 9. SAW DITCH LINER AND REMOVE CONCRETE ALONG PROPOSED FENCE LINE. |
| (15) | ESTIMATED AT 170 LBS. PER CU. FT. |
| (16) | ESTIMATED AT 120 LBS. PER CU. FT. |
| (17) | CHAIN LINK FENCE (7') AND GATE SHALL BE BUILT ACCORDING TO FENCE DETAIL SHOWN ON SHEET 9. TWO GATES, 16 FT. LONG SHALL, SHALL BE INCLUDED IN THE PRICE BID FOR FENCE. NEW FENCE SHALL BE CONSTRUCTED PRIOR TO REMOVAL OF EXISTING FENCE. |
| (18) | INCLUDES ESTIMATED QUANTITY OF 110 CY TO BE USED FOR MEDIAN CONSTRUCTION. |
| (19) | OMITTED |
| (20) | INCLUDED IN THIS PAY ITEM IS A QUANTITY OF FINE SAND TO BROADCAST ACROSS THE TACK COAT MEMBRANE AS NECESSARY TO PREVENT THE PAVING EQUIPMENT FROM PICKING UP THE MEMBRANE. |
| (21) | DITCH LINER PROTECTION SHALL BE SOLID SLAB SOD. |
| (22) | OHD L-50 SOIL STABILIZATION MIX DESIGN PROCEDURE |
| (23) | TACK COAT RATE FOR ASPHALT LIFTS ESTIMATED AT 0.075 GAL. DILUTED EMULSION PER SQ. YD. OF ASPHALT. |
| (24) | BASED ON GEOTECHNICAL EMBANKMENT REPORT, EMBANKMENT OF 10 FEET OR MORE SHOULD BE GIVEN 30 DAYS, TO REACH 95% SETTLEMENT OF APPROXIMATELY 2". ADDITIONAL BORROW FOR SETTLEMENT IS NOT INCLUDED IN THE SUMMARY OF EARTHWORK. |
| (25) | PRICE BID SHALL INCLUDE 150Z/YD SEPARATOR FABRIC. |
| (26) | MAY SUBSTITUTE SUPERPAVE TYPE S3(PG64-220K) AT NO ADDITIONAL COST TO THE STATE. |
| (27) | PRICE BID SHALL INCLUDE ALL STEEL ASSOCIATED WITH REINFORCED PANELS AND SAWING JOINTS AS NOTED ON THE JOINT LAYOUT PLAN. |

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| DESIGN | AKS | 6/12 | 1-44 & US-62 INTERCHANGE |
| DRAWN | AKS | 6/12 | |
| CHECKED | JES | 5/16 | |
| APPROVED | | | |
| SQUAD | GARVER | | STATE JOB NO. 27050(04) SHEET NO. 13 |

SUMMARY OF PAY QUANTITIES AND NOTES (ROADWAY)