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12/16/2024

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) INCLUDES 100 CU. YDS. FOR DRIVEWAYS, RETURNS, DIKES, AND MISCELLANEOUS EARTHWORK.
- (R-4) AN ESTIMATED QUANTITY OF 18,490 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-6) FOR TYPE A SALVAGED TOPSOIL PRICE BID TO INCLUDE COST OF 18-46-0 FERTILIZER, ESTIMATED AT 150 POUNDS PER ACRE.

FOR TYPE A SOLID SLAB SODDING PRICE BID TO INCLUDE COST OF 10-20-10 FERTILIZER, ESTIMATED AT 200 POUNDS PER ACRE.
- (R-7) FOR SOLID LAB SODDING PRICE BID TO INCLUDE COST OF WATERING, ESTIMATED AT 40 GALLONS PER SQUARE YARD.
- (R-8) PRICE BID TO INCLUDE COST OF ALL NECESSARY MAINTENANCE, MAINTAINING DEVICE IN PROPER UPRIGHT POSITION, REMOVAL OF DEVICE, AND REMOVAL OF SEDIMENT WHEN IT REACHES HALF THE HEIGHT OF THE DEVICE.
- (R-11) THE QUANTITIES ESTIMATED FOR TEMPORARY EROSION AND SEDIMENT CONTROL IS 32 ACRES.
- (R-15) QUANTITY BASED ON TWO APPLICATIONS.
- (R-16) PAYMENT FOR THIS ITEM WILL BE THE THEORETICAL CROSS SECTION MULTIPLIED BY THE INSTALLED LENGTH.
- (R-19) 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 CLASSIFY THE SOIL AND DETERMINE THE APPROPRIATE ADDITIVE(S).
- (R-20) ESTIMATED AT 170 LBS. PER CU. FT.
- (R-23) 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-25) ESTIMATED AT 0.075 GALLONS PER SQUARE YARD OF ORIGINAL EMULSION OF TACK COAT (BEFORE DILUTION FOR APPLICATION) IN ACCORDANCE WITH SECTION 407 OF THE STANDARD SPECIFICATIONS.
- (R-26) ESTIMATED AT 112 LBS. PER SQ. YD. PER 1" THICK.
- (R-33) QUANTITY INCLUDES AN ESTIMATED 50 C.Y. TO BE USED AS DIRECTED BY THE ENGINEER.
- (R-37) ANY DRAINAGE STRUCTURE DESCRIBED AS TEMPORARY, SHALL AFTER COMPLETION OF THE PROJECT, BE REMOVED BY AND BECOME THE PROPERTY OF THE CONTRACTOR.
- (R-39) INCLUDES REMOVAL OF ALL EXISTING ROADWAY DRAINAGE STRUCTURES, HEADWALLS (UNLESS OTHERWISE SPECIFIED), INLETS, FENCES, AND OTHER STRUCTURES WITHIN THE RIGHT OF WAY.
- (R-40) TO BECOME THE PROPERTY OF AND BE DISPOSED OF BY THE CONTRACTOR IN A MANNER APPROVED BY THE ENGINEER.
- (R-41) MATERIALS REMOVED SHALL NOT BE MEASURED FOR PAYMENT UNDER SECTION 202.06 UNCLASSIFIED EXCAVATION.
- (R-43) INCLUDES 2% FOR GROUND MEASUREMENT.
- (R-44) 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.
- (1) INCLUDES 50 TONS TO BE USED AT THE DIRECTION OF THE ENGINEER FOR PURPOSES OF MAINTAINING TEMPORARY ACCESS DURING CONSTRUCTION.
- (2) TOPSOIL STOCKPILES AND DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY TEMPORARILY CEASES FOR AT LEAST 14 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 SHALL BE APPLIED TO ALL AREAS TO BE STABILIZED. ALL COST TO BE INCLUDED IN THE PRICE BID FOR TYPE A SALVAGED TOPSOIL.
- (3) INCLUDES THE COST OF TRENCH EXCAVATION AND STANDARD BEDDING MATERIAL.
- (4) TRENCH WIDTHS SHALL BE AS SHOWN ON ODOT STANDARD SPI-5. SPECIFIED TRENCH WIDTHS SHALL BE MAINTAINED FULL DEPTH FROM THE FLOWLINE TO THE GRADING TEMPLATE. ALL TRENCH EXCAVATION GREATER THAN 5 FEET IN DEPTH SHALL BE SHORED. ALL COSTS TO BRING TRENCHING INTO CONFORMANCE WILL BE INCLUDED IN PRICE BID FOR PIPE.
- (5) INCLUDES THE PRICE OF AN OMNI-FLEX, TONGUE AND GROVE GASKET JOINT.

ROADWAY PAY ITEMS					
0100 ROADWAY			JP# 34250(04)		
ITEM NO.	CODE NO.	ITEM DESCRIPTION	NOTES	UNIT	QUANTITY
201(A)	1200	CLEARING AND GRUBBING		LSUM	1.00
202(A)	2200	UNCLASSIFIED EXCAVATION	(R-1)(8)	CY	43,055.00
202(D)	2500	UNCLASSIFIED BORROW	(R-3)(8)	CY	353,689.00
205(A)	6200	TYPE A - SALVAGED TOPSOIL	(R-4)(R-6)(2)	LSUM	1.00
221(B)	2300	TEMPORARY SILT FENCE	(R-8)	LF	9,900.00
221(E)	2600	TEMPORARY SILT DIKE	(R-8)	LF	1,904.00
221(G)	2800	TEMPORARY FIBER LOG		LF	5,480.00
229	6100	DITCH LINER PROTECTION		LF	8,752.00
230(A)	7200	SOLID SLAB SODDING	(R-6)(R-7)	SY	175,186.00
233(A)	0200	VEGETATIVE MULCHING	(R-11)	AC	32.00
241	3100	MOWING	(R-15)	AC	73.00
303(A)	1210	AGGREGATE BASE TYPE A, PLANT MIXED	(R-16)	CY	20,571.00
307(K)	4200	STABILIZED SUBGRADE	(R-19)	SY	100,988.00
325	0100	SEPARATOR FABRIC		SY	109,243.00
402(E)	2600	TRAFFIC BOUND SURFACE COURSE TYPE E	(R-20)(1)	TON	14,823.00
407(B)	7300	TACK COAT	(R-25)	GAL	15,948.00
408	8100	PRIME COAT	(R-23)	GAL	23,096.00
411(B)	1300	SUPERPAVE, TYPE S3 (PG 76-28 OK)	(R-26)(14)	TON	6,927.00
411(B)	1330	SUPERPAVE, TYPE S3 (PG 64-22 OK)	(R-26)(14)	TON	32,777.00
411(C)	1400	SUPERPAVE, TYPE S4 (PG 76-28 OK)	(R-26)(14)	TON	4,558.00
411(C)	1430	SUPERPAVE, TYPE S4 (PG 64-22 OK)	(R-26)(14)	TON	4,514.00
509(D)	0500	CLASS C CONCRETE	(R-33)(10)	CY	1,211.00
511(A)	2200	REINFORCING STEEL	(11)	LB	562.00
609(B)	4330	1'-8" COMB. CRB & GUT (6" BARRIER)		LF	2,083.00
613(A)	5366	36" X 22" R.C.P.I.PE ARCH CLASS A-III	(3)(4)(5)	LF	860.00
613(A)	5374	51" X 31"" R.C. PIPE ARCH CLASS A-III	(3)(4)(5)	LF	876.00
613(B)	5528	36" CORR. GALV. STEEL PIPE	(R-37)(3)(4)(5)	LF	52.00
613(J)	6400	EDGE DRAIN CONDUIT PERFORATED		LF	2,280.00
613(K)	6500	EDGE DRAIN OUTLET LATERAL-NONPERFORATED		LF	200.00
613(M)	6984	TYPE BB4 CULVERT END TREATMENT		EA	6.00
613(M)	6988	TYPE CC4 CULVERT END TREATMENT		EA	6.00
613(M)	6992	TYPE DD4 CULVERT END TREATMENT		EA	1.00
613(Q)	7500	OUTLET LATERAL HEADWALL		EA	10.00
619(A)	6200	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	(R-39)(R-40)	LSUM	1.00
619(B)	6352	REMOVAL OF FENCE	(R-40)(7)	LF	804.00
619(B)	6364	REMOVAL OF ASPHALT PAVEMENT	(R-40)(R-41)	SY	64,715.00
619(B)	6400	REMOVAL OF CURB	(R-40)(R-41)	LF	1,871.00
619(B)	6436	REMOVAL OF CONCRETE DITCH LINER	(R-40)	LF	1,382.00
619(B)	6440	REMOVAL OF EXISTING PIPE	(R-40)	LF	392.00
619(C)	6600	SAWING PAVEMENT	(9)	LF	5,564.00
623(A)	1200	BEAM GUARDRAIL W-BEAM SINGLE		LF	550.00
623(G)	1820	GUARDRAIL END TREATMENT (31")	(12)	EA	4.00
623(I)	2050	GUARDRAIL BRIDGE CONN-THRIE BEAM (31")		EA	4.00
624(C)	3410	FENCE-STYLE SWF (6 BARBED WIRE)	(R-43)(R-44)(13)	LF 	818.00

STAKING PAY ITEMS					
0600 STAKING			JP# 34250(04)		
ITEM NO.	CODE NO.	ITEM DESCRIPTION	NOTES	UNIT	QUANTITY
642(B)	3300	CONSTRUCTION STAKING LEVEL II	(6)	LSUM	1.00

CONSTRUCTION PAY ITEMS					
0640 CONSTRUCTION			JP# 34250(04)		
ITEM NO.	CODE NO.	ITEM DESCRIPTION	NOTES	UNIT	QUANTITY
220	1100	SWPPP DOCUMENTATION AND MANAGEMENT		LSUM	1.00
641	2110	MOBILIZATION		LSUM	1.00

PAY ITEM NOTES (CONT.)

- (6) IN ADDITION TO SECTION 642.04(B), THE CONTRACTOR IS RESPONSIBLE FOR THE FOLLOWING: SURVEY CONTROL POINTS, REFERENCE POINTS AND BENCHMARKS NOTED ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND REFRESHING THE CENTERLINE OF PERMANENT CONSTRUCTION AND SETTING AND OTHER CONTROL POINTS AND REFERENCE POINTS REQUIRED CONSTRUCTION AND INSPECTION TO INCLUDE BRIDGE CURVES, CONSTRUCTION REFERENCE LINES (CRL), AND RIGHT-OF-WAY. THE SURVEYOR WILL PROVIDE THE RESIDENT ENGINEER WITH A COMPUTERIZED DISK OF SURVEY DATA. THE SURVEYOR WILL IDENTIFY AND VERIFY BENCHMARKS SET AND MAINTAIN ADDITIONAL BENCHMARKS WITHIN THE PROJECT UNITS AT MINIMUM OF 500' AS REQUIRED TO INSURE CONSTRUCTION OF A SMOOTH PROFILE OF MAINLINE TO INSURE SMOOTH TRANSITIONS AT THE BOP, EOP, AND BRIDGES AS REQUIRED IN SECTIONS 642.04(C). THE SURVEYOR WILL PROVIDE A COPY OF CHECKED BENCHMARKS TO THE RESIDENT ENGINEER FOR REVIEW AND ACCEPTANCE PRIOR TO BEGINNING ANY EARTHWORK PAY ITEMS. THE CONTRACTOR SHALL PROVIDE FOR THE RESIDENT ENGINEERS USE A ROVING CABLE FREE INTEGRATED GPS & RTK SYSTEM WITH FIELD CONTROLLER. THIS SYSTEM SHALL BE COMPATIBLE WITH THE SURVEY BASE STATION USED BY THE CONTRACTOR. THE CONTRACTOR SHALL MAINTAIN THE BASE STATION DURING WORK HOURS FROM THE BEGINNING OF EARTHWORK ACTIVITIES UNTIL SUBSTANTIAL COMPLETION IS ACHIEVED. THE CONTRACTOR SHALL PROVIDE A ONE WEEK TRAINING COURSE FOR THE EQUIPMENT FOR UP TO FOUR ODOT INSPECTORS. THIS TRAINING WILL BE CONDUCTED PRIOR TO COMMENCING EARTHWORK ACTIVITIES. AT A MINIMUM TRAINING SHALL CONSIST OF UNIT OPERATION, SETUP, TAKEDOWN, STATION, OFFSET, ELEVATION, PROJECT LINE WORK, TOC/TOS, CALCULATE AREA AND DISTANCE. CONTRACTOR SHALL ALSO SET UP TWO (2) POLES AT EACH BASE STATION LOCATION TO ALLOW INSPECTION AND CONTRACTOR TO OPERATE UNITS SIMULTANEOUSLY.
- (7) GATE AND 2-3/8" POST SHALL BE RETURNED TO THE PROPERTY OWNER. ALL OTHER WIRE AND POSTS WILL BECOME PROPERTY OF THE CONTRACTOR. ANY DAMAGE DONE TO ITEMS RETURNED TO THE PROPERTY OWNER WILL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE DEPARTMENT.
- (8) FOR TABULATED EARTHWORK, SEE MASS DIAGRAM SHEETS.
- (9) INCLUDES 5,360 LF OF SAWING PAVEMENT FOR INSTALLATION OF TEMPORARY WIDENING.
- (10) INCLUDES 13.66 CY AS SHOWN IN THE TRAFFIC SUMMARY OF IMPACT ATTENUATORS.
- (11) INLCUDES 562 LBS AS SHOWN IN THE TRAFFIC SUMMARY OF IMPACT ATTENUATORS
- (12) THE GUARDRAIL END TREATMENT (GET) SHALL BE LISTED ON THE OKLAHOMA DEPARTMENT OF TRANSPORTATION'S APPROVED PRODUCT LIST (APL) AND SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATION. FOR A LIST OF THE APPROVED DEVICES GO TO THE OKLAHOMA DEPARTMENT OF TRANSPORTATION'S APL WEBSITE AT: <https://oklahoma.gov/odot/business-center/traffic-approved-products-list.html>
- (13) CORNER, STRETCHER, AND END POSTS SHALL BE CONSTRUCTED OF SCH. 40 STEEL PIPE, AS SPECIFIED IN STANDARD RWF2-3 (LATEST VERSION). PIPE WILL BE WELDED AND TENSION WIRE OMITTED. THE "CORNER AND STRETHER POST DETAIL ALTERNATIVE" WILL NOTE BE USED. FOOTING SHALL INCLUDE CLASS 'A' CONCRETE. ROCK MAY BE ENCOUNTERED DURING THE INSTALLATION OF FENCING.
- (14) WARM MIX ASPHALT SHALL BE USED; HOT MIX ASPHALT WILL NOT BE ALLOWED ON THIS PROJECT.

DESIGN			OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION		
DRAWN			PAY QUANTITIES AND NOTES (ROADWAY)		
CHECKED					
APPROVED					
SQUAD					
COUNTY	STEPHENS		HIGHWAY	SH-7	STATE JOB NO. 34250(04) SHEET NO. A002