

GENERAL CONSTRUCTION NOTES:

SPECIFICATIONS:

COMPLY WITH THE REQUIREMENTS OF THE 2009 OKLAHOMA STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, EXCEPT AS MODIFIED BY THE PLANS AND SPECIAL PROVISIONS.

THE CONTRACTOR SHALL GIVE NOTICE TO THE COUNTY, CED #5, AND DIVISION 3, IN WRITING, 14 DAYS BEFORE WORK BEGINS ON THE PROJECT.

THE CONTRACTOR WILL CLOSE THE ROAD AND PROVIDE ACCESS TO LOCAL TRAFFIC ONLY. CONSTRUCTION SIGNING WILL BE INSTALLED IN A MANNER APPROVED BY THE ENGINEER, IN ACCORDANCE WITH CHAPTER VI OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION, AND APPLICABLE O.D.O.T. STANDARD DRAWINGS. THE CONTRACTOR SHALL PROVIDE A PROPOSED TRAFFIC CONTROL PLAN FOR APPROVAL BY THE ENGINEER PRIOR TO BEGINNING WORK. PRICE BID FOR THIS ITEM SHALL BE PAYMENT IN FULL FOR THE INSTALLATION, MAINTENANCE AND SUBSEQUENT REMOVAL OF ALL NECESSARY CONSTRUCTION TRAFFIC CONTROL REQUIRED FOR COMPLETION OF THE PROJECT.

ALL SIGNS, BARRICADES, AND CHANNELIZING DEVICES WITH EITHER TYPE 'A' OR TYPE 'C' LIGHTS SHOWN IN THE STANDARD DRAWINGS SHALL HAVE THE CORRESPONDING LIGHT ATTACHED DURING NON-DAYLIGHT HOURS.

CONTRACTOR TO PROVIDE ACCESS TO ADJACENT PROPERTY ENTRANCES AT ALL TIMES.

THE COUNTY WILL BE RESPONSIBLE FOR THE ACQUISITION OF RIGHT OF WAY, RELOCATION OF UTILITIES, AND FENCING.

CONTRACTOR SHALL SALVAGE ALL PIPES AND TIN HORNS WITHIN PROJECT EXTENTS. CONTRACTOR SHALL TAKE CARE TO NOT DAMAGE ANY PIPES DURING REMOVAL. CONTRACTOR TO NEATLY STACK PIPES IN ROW TO BECOME PROPERTY OF AND REMOVED BY COUNTY FORCES. CONTRACTOR SHALL NOTIFY COUNTY WHEN PIPES HAVE BEEN REMOVED AND PLACED IN ROW.

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.

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.

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.

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.

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.

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 SEED, SODDED OR SPRIGGED.

SURFACING OF RETURNS, UNLESS OTHERWISE SHOWN ON THE PLANS, SHALL BE OF THE SAME MATERIAL (BASE AND SURFACE) AS THAT OF THE ABUTTING SHOULDER OF THE MAINLINE. BASE AND SURFACE THICKNESS SHALL BE THE THICKNESS SHOWN ON PLANS.

ANY DAMAGE CAUSED BY THE CONTRACTOR TO ANY STRUCTURES, ROADWAY SURFACES, STRIPING, RAISED PAVEMENT MARKERS, GUARDRAIL, SLOPES, UTILITIES, AND SIGNS SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE ENGINEER.

LOCATION OF NO-PASSING ZONES AND STRIPING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE DONE IN ACCORDANCE WITH STANDARDS SET FORTH IN THE CURRENT EDITION OF "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" AND PM STANDARD DRAWINGS.

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.

ENVIRONMENTAL MITIGATION NOTES: Δ

MIGRATORY BIRD: MIGRATORY BIRDS ARE PROTECTED BY THE FEDERAL MIGRATORY BIRD TREATY ACT. MANY BIRDS COMMONLY USE BRIDGES AND CULVERTS FOR NESTING. THE NESTING SEASON FOR MOST BIRD SPECIES EXTENDS FROM MARCH 1 TO AUGUST 31. THE PROJECT WAS SURVEYED FOR MIGRATORY BIRD NESTS IN 2014. ALTHOUGH NO NESTS WERE OBSERVED, THE SURVEY IS VALID ONLY UNTIL THE 2015 NESTING SEASON. THE RESIDENT ENGINEER SHALL CONTACT THE ODOT BIOLOGIST AT 405-521-2515 IF ANY BIRD USE OF THE EXISTING STRUCTURES IS OBSERVED. IF BIRDS ARE OBSERVED THEN PAINTING, REPAIR, RETROFIT, REHABILITATION OR DEMOLITION OF THE EXISTING BRIDGE/STRUCTURES SHALL BE CONDUCTED BETWEEN SEPTEMBER 1, AND FEBRUARY 28, WHEN MIGRATORY BIRD NESTS ARE NOT OCCUPIED. THE BRIDGE MAY BE PROTECTED FROM NEW NEST ESTABLISHMENT PRIOR TO MARCH 1, BY MEANS THAT DO NOT RESULT IN BIRD DEATH OR INJURY. OPTIONS INCLUDE THE EXCLUSION OF ADULT BIRDS FROM SUITABLE NEST SITES ON OR WITHIN A STRUCTURE BY THE PLACEMENT OF WEATHER-RESISTANT POLYPROPYLENE NETTING WITH 0.25-INCH OR SMALLER OPENINGS. PRIOR TO MARCH 1. METHODS OTHER THAN NETTING MUST BE PRE-APPROVED BY THE ODOT BIOLOGIST.

ENVIRONMENTAL MITIGATION NOTES CONTINUED:

THIS PROJECT IS IN CLOSE PROXIMITY TO AREAS THAT HAVE HISTORICALLY BEEN USED FOR THE EXPLORATION AND EXTRACTION OF CRUDE OIL. AS A RESULT, THERE IS A POTENTIAL TO ENCOUNTER CRUDE OIL PRODUCTS AND RELATED WASTES. IF SUCH MATERIALS ARE FOUND, THE RESIDENT ENGINEER SHOULD BE NOTIFIED IMMEDIATELY. IN ADDITION, THERE IS A POTENTIAL TO ENCOUNTER GATHERING LINES AND OTHER PIPING, AND ABANDONED OIL, GAS OR SALTWATER DISPOSAL WELLS. ANY WELLS ENCOUNTERED DURING CONSTRUCTION ACTIVITIES MUST BE PLUGGED, BY PROPERLY LICENSED PERSONNEL, IN ACCORDANCE WITH ALL APPLICABLE OKLAHOMA CORPORATION COMMISSION RULES AND REGULATIONS.

PAY QUANTITY NOTES:

- (R-5) AN ESTIMATED QUANTITY OF 793 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 1000 S.Y.
- (R-8) PRICE BID TO INCLUDE COST OF WATERING, ESTIMATED AT 40 GALLONS PER S.Y.
- (R-11) THE QUANTITIES ESTIMATED FOR TEMPORARY EROSION AND SEDIMENT CONTROL IS 1.18 ACRES.
- (R-20) ESTIMATED AT 108 LBS. PER SQ. YD. (SOIL ESTIMATED AT 120 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-41) QUANTITY INCLUDES AN ESTIMATED 20 C.Y. TO BE USED AS DIRECTED BY THE ENGINEER.
- (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) CLEARING AND GRUBBING TO BE CONDUCTED FROM R/W TO R/W AND/OR FROM FENCE LINE TO FENCE LINE ALONG ENTIRE EXTENTS OF PROJECT.
- (2) SEE SUMMARY OF GRADING, SHEET NO. 3
- (3) PRICE BID TO INCLUDE THE COST OF 18-46-0 FERTILIZER APPLIED, AT THE RATE OF 150 POUNDS PER ACRE, JUST PRIOR TO THE REPLACEMENT OF TOPSOIL.
- (4) ESTIMATED QUANTITY TO BE USED FOR EROSION AND SEDIMENT CONTROL IN A MANNER APPROVED BY THE ENGINEER. (SEE STDS. TSC2-2 AND TSD-1). CONTRACTOR TO REMOVE SEDIMENT FROM EROSION CONTROL DEVICES WHEN DEVICES BECOME HALF FULL. PRICE BID TO INCLUDE THE COST OF SEDIMENT REMOVAL.
- (5) SEE ODOT SPECIFICATION 230.04 (F) FOR WATERING APPLICATION.
- (6) ALL CEMENT KILN DUST MUST BE APPROVED BY THE ENGINEER.
- (7) ESTIMATED AT 0.075 GAL PER S.Y. PRIOR TO DILUTION.
- (8) INCLUDES 28 TONS OF S3 (PG 64-22 OK) AND 28 TONS OF S4 (PG 64-22 OK) ASPHALT FOR GUARDRAIL WIDENING.
- (9) INCLUDES 3 TONS SUPERPAVE S4 (PG 64-22 OK) AND 18 TONS SUPERPAVE S3 (PG 64-22 OK). THIS ADDITIONAL QUANTITY IS FOR THE ASPHALT SAFETY EDGE. SEE SPECIAL PROVISION 411-14-(A-B)09.
- (10) PRICE BID TO INCLUDE COST OF (8) TYPE 2, CODE 1 DELINEATORS, AMBER COLOR AND (4) TYPE 1, CODE 3, AMBER COLOR.
- (11) ESTABLISHMENT AND RE-ESTABLISHMENT OF HORIZONTAL AND VERTICAL CONTROL, INCLUDING THE SETTING AND RE-SETTING OF BENCHMARKS AND THE STAKING AND RE-STAKING OF RIGHT-OF-WAY, WILL BE INCLUDED IN THE PRICE BID FOR STAKING.
- (TS-11) QUANTITY SHOWN INCLUDES 1,790.00 L.F. TRAFFIC STRIPE (PLASTIC) (WHITE) AND 1,790.00 L.F. TRAFFIC STRIPE (PLASTIC) (YELLOW) AND WILL BE MEASURED BY THE LINEAR FOOT OF FOUR INCH (4") WIDE TRAFFIC STRIPE. THIS STRIPE SHALL BE APPLIED AT A THICKNESS OF 70 MILS, IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AND APPROVAL BY THE ENGINEER.
- (TS-33) INCLUDED IN THIS PAY ITEM IS ALL HARDWARE ASSOCIATED WITH PROPERLY ANCHORING AND MOUNTING THE HIGHWAY SIGN IN ACCORDANCE WITH O.D.O.T. PLANS AND STANDARD DRAWINGS SSA1-1 AND SSP1-1-(LATEST REVISION).

TRAFFIC SIGNING PAY QUANTITY NOTES:

OKLAHOMA DEPARTMENT OF TRANSPORTATION						
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS	
	OKLA.	30107(04)	2018	3	3	
DESCRIPTION			REVISIONS	DATE		
UPDATED ASPHALT TYPE				10/09/2017		
UPDATED ENVIRONMENTAL NOTE				10/11/2017		

30107(04) PAY QUANTITIES			
0100 ROADWAY			
ITEM NO.	DESCRIPTION	UNIT	QUANT.
201(A)	0102 CLEARING & GRUBBING	(1) LSUM	1.00
202(A)	0183 UNCLASSIFIED EXCAVATION	(2) C.Y.	1,998.00
202(D)	0184 UNCLASSIFIED BORROW	(2) C.Y.	2,850.00
205(A)	4229 TYPE A - SALVAGED TOPSOIL	(R-5)(3) LSUM	1.00
221(C)	2801 TEMPORARY SILT FENCE	(4) L.F.	405.00
221(F)	0100 TEMPORARY SILT DIKE	(4) L.F.	365.00
230(A)	2806 SOLID SLAB SODDING	(R-7)(R-8)(5) S.Y.	5,707.00
233(A)	2817 VEGETATIVE MULCHING	(R-11) AC	1.18
307(B)	4210 CEMENT KILN DUST	(R-20)(6) TON	222.00
307(E)	4240 CEMENTITIOUS STABILIZED SUBGRADE	S.Y.	4,096.00
407(B)	0250 TACK COAT	(7) GAL	338.00
408	5774 PRIME COAT	(R-28) GAL	1,025.00
Δ 411(B)	5945 SUPERPAVE, TYPE S3 (PG 64-22 OK)	(R-32)(8)(9) TON	756.00
411(C)	5960 SUPERPAVE, TYPE S4 (PG 64-22 OK)	(R-32)(8)(9) TON	597.00
509(D)	0325 CLASS C CONCRETE	(R-41) C.Y.	20.00
601(A)	0297 TYPE I PLAIN RIPRAP	TON	412.00
613(B)	0689 18" CORR. GALV. STEEL PIPE	L.F.	136.00
613(M)	7186 TYPE A4 CULVERT END TREATMENT	EA.	10.00
619(A)	0920 REMOVAL OF STRUCTURES & OBSTRUCTIONS	(R-48) LSUM	1.00
619(B)	4728 REMOVAL OF ASPHALT PAVEMENT	(R-49)(R-50) S.Y.	2,921.00
619(B)	4780 REMOVAL OF GUARDRAIL	(R-49) L.F.	400.00
619(C)	0924 SAWING PAVEMENT	L.F.	44.00
623(F)	4446 GUARDRAIL ANCHOR UNIT (TYPE A)	EA.	4.00
623(F)	5686 GUARDRAIL ANCHOR UNIT (TYPE D-BF)	(10) EA.	4.00
880(J)	8905 CONSTRUCTION TRAFFIC CONTROL	LSUM	1.00

30107(04) PAY QUANTITIES			
0600 CONSTRUCTION STAKING			
ITEM NO.	DESCRIPTION	UNIT	QUANT.
642(B)	0096 CONSTRUCTION STAKING LEVEL II	(11) LSUM	1.00

30107(04) PAY QUANTITIES			
0640 CONSTRUCTION			
ITEM NO.	DESCRIPTION	UNIT	QUANT.
220	2800 SWPPP DOCUMENTATION AND MANAGEMENT	LSUM	1.00
641	1399 MOBILIZATION	LSUM	1.00

30107(04) PAY QUANTITIES			
0301 SIGNING AND STRIPING			
ITEM NO.	DESCRIPTION	UNIT	QUANT.
855(A)	8812 TRAFFIC STRIPE (PLASTIC) (4"WIDE)	(TS-11) L.F.	1,790.00

McCLAIN COUNTY TRIB. OF BEAR CREEK

SUMMARY OF PAY QUANTITIES AND NOTES (ROADWAY)

J/P NO. 30107(04) SHEET NO. 4