

GENERAL CONSTRUCTION NOTES

THIS PROJECT IS TO BE CONSTRUCTED WITHOUT CLOSING THE EXISTING ROAD TO LOCAL OR THROUGH TRAFFIC. SEE STANDARD SPECIFICATIONS FOR MAINTENANCE OF LOCAL TRAFFIC AND SHEET 25 FOR CONSTRUCTION TRAFFIC CONTROL DETAILS. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL CONSTRUCTION SIGNING IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND TCS STANDARDS. CONSTRUCTION SIGNS OVER TO SQ. FT. SHALL BE DOUBLE POSTED.

THE CONTRACTOR SHALL GIVE WRITTEN NOTICE TO THE COUNTY, CED #8, AND ODOT DIV. 6 FOURTEEN (14) CALENDAR DAYS BEFORE ANY CONSTRUCTION OR DEMOLITION BEGINS ON THIS PROJECT.

THE CONTRACTOR SHALL MAINTAIN ALL EXISTING TRAFFIC CONTROL DEVICES SUCH AS STOP SIGNS, WARNING SIGNS, ETC. IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. COST TO BE INCLUDED IN PRICE BID FOR OTHER TRAFFIC CONTROL WORK.

NEW PAVEMENT MARKINGS SHALL BE DONE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND STATE STANDARDS.

ASPHALT SHALL BE LAID ONE LANE AT A TIME WITH SIGNING AS REQUIRED BY TCS3 IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. LIGHTS, SIGNS, AND BARRICADES SHALL BE MOVED AS WORK PROGRESSES. COST OF SIGNS SHALL BE INCLUDED IN PRICE BID FOR CONSTRUCTION TRAFFIC CONTROL. THE CONTRACTOR WILL BE RESPONSIBLE FOR FINAL SHAPING OF SHOULDERS AND SLOPES.

ALL CONSTRUCTION AND MATERIALS SHALL COMPLY WITH THE 2009 OKLAHOMA STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION ENGLISH VERSION, EXCEPT AS MODIFIED BY THE PLANS AND SPECIAL PROVISIONS.

IN ACCORDANCE WITH THE OKLAHOMA UNDERGROUND FACILITIES DAMAGE PREVENTION ACT THE CONTRACTOR SHALL NOTIFY THE OKLAHOMA ONE-CALL SYSTEM, INC. 48 HOURS "CALL OKIE" 1-800-522-6543 OR 811.

GENERAL CONSTRUCTION NOTES-EROSION CONTROL

GRASS: ALL DISTURBED AREAS AROUND STRUCTURES ONLY SHALL BE SODDED WITH BERMUDA SOLID SLAB SOD IN ACCORDANCE WITH SECTION 230.04(A) OF THE STANDARD SPECIFICATIONS.

FERTILIZER: AREAS ON WHICH BERMUDA SOLID SLAB SOD IS TO BE PLANTED SHALL HAVE 10-20-10 FERTILIZER APPLIED AT THE RATE OF 200 LBS. PER 1,000 SQ. YDS. OF SODDING, ONE HALF AFTER WATERING THE PREPARED SURFACE AND PRIOR TO PLANTING OF SOD, AND ONE HALF AFTER SODDING IS COMPLETED WITH WATERING USED TO INCORPORATE THE FERTILIZER INTO THE SOIL.

WATERING: ALL AREAS TO BE SODDED SHALL BE WATERED BEFORE SOD IS PLANTED TO OBTAIN ADEQUATE SOIL MOISTURE TO A DEPTH OF AT LEAST 5".

SEASONAL PLANTING RESTRICTIONS:

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 NOT BE SODDED.

UTILITIES:

TRI COUNTY ELECTRIC LYLE MATHIS 580-652-2418

PANHANDLE TELEPHONE JEFF FUERSTENAU 580-651-9710

THE CONTRACTOR SHALL NOTIFY PANHANDLE TELEPHONE (JEFF FUERSTENAU 580-651-9710) ONE WEEK PRIOR TO WORKING AROUND THEIR LINE.

ENVIRONMENTAL MITIGATION NOTES:

MIGRATORY BIRD NOTE: 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 MIGRATORY BIRD SPECIES EXTENDS FROM APRIL 1 TO AUGUST 31. MIGRATORY BIRD NESTING USE OF THE NS-63 SAND CREEK BRIDGE (NBI:17549) WAS OBSERVED. PAINTING, REPAIR, RETROFIT, REHABILITATION OR DEMOLITION OF THE EXISTING BRIDGE/STRUCTURES SHALL BE CONDUCTED BETWEEN SEPTEMBER 1, AND MARCH 31, WHEN MIGRATORY BIRD NESTS ARE NOT OCCUPIED. IF PAINTING, REPAIR, RETROFIT, REHABILITATION OR DEMOLITION CANNOT BE COMPLETED BETWEEN SEPTEMBER 1 AND MARCH 31, THE BRIDGE SHALL BE PROTECTED FROM NEW NEST ESTABLISHMENT PRIOR TO APRIL 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 APRIL 1. METHODS OTHER THAN NETTING MUST BE PRE-APPROVED BY THE ODOT BIOLOGIST.

PAY QUANTITY NOTES

(R-11) THE QUANTITIES ESTIMATED FOR TEMPORARY EROSION AND SEDIMENT CONTROL IS 3.15 ACRES.

(R-31) PRICE BID TO INCLUDE COST OF 1015 GALLONS OF PRIME COAT, MEETING THE REQUIREMENTS OF SECTION 408 OF THE STANDARD SPECIFICATIONS, AND ESTIMATED AT 0.35 GAL. PER SQ. YD. ON TOP OF COMPLETED SUBGRADE, AND 0.25 GAL. PER SQ. YD. ON TOP OF 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 10 C.Y. TO BE USED AS DIRECTED BY THE ENGINEER.

(R-49) TO BECOME THE PROPERTY OF AND BE DISPOSED OF BY THE CONTRACTOR IN A MANNER APPROVED BY THE ENGINEER.

(1) THIS PAY ITEM TO INCLUDE CLEARING AND GRUBBING, WIDENING AND EXCAVATION. INCLUDES PLACEMENT OF ADDITIONAL FILL ON DRIVES, MINIMUM OF 1-0" COVER OVER CMP'S AS DIRECTED BY THE ENGINEER. ESTIMATED 8 C.Y. EXCESS EXCAVATION ON THE MAINLINE. INCLUDES SHOULDERING UP AND WIDENING AS REQUIRED TO OBTAIN 31' GRADING SECTION. INCLUDES ALL COSTS TO REMOVE, STOCKPILE, AND REPLACE THE TOPSOIL ON THE FINISHED GRADING SLOPES IN ACCORDANCE WITH SECTION 205 OF THE STANDARD SPECIFICATIONS. PRICE BID ALSO INCLUDES COST OF 0-46-0 FERTILIZER ESTIMATED AT 150 LBS. PER ACRE. ANY MATERIAL NOT SUITABLE FOR SHOULDERING UP TO BE DISPOSED OF IN A MANNER APPROVED BY THE ENGINEER. PRICE BID INCLUDES CONSTRUCTION, MAINTENANCE, AND REMOVAL OF THE DETOUR. INCLUDES AN ESTIMATED 3,725.00 C.Y. OF BORROW.

(2) PRICE BID TO INCLUDE COST OF SILT REMOVAL.

(3) ESTIMATED QUANTITY ONLY TO BE USED FOR EROSION AND SEDIMENT CONTROL IN A MANNER APPROVED BY THE ENGINEER (SEE STANDARDS. TSC2-3 & TSD-2).

(4) SOLID SLAB QUANTITIES TO BE FIELD MEASURED. PRICE BID TO INCLUDE WATERING AT GAL. PER SQ. YD. AND 10-20-10 FERTILIZER AT 200 LBS. PER 1000 SQ. YDS. CONTRACTOR WILL SUPPLY SUFFICIENT WATER TO PRODUCE ADEQUATE GRASS GROWTH APPROVED BY THE ENGINEER. SODDING TO BE PLACED ON DISTURBED AREAS AROUND BRIDGE AND STRUCTURES, AS DIRECTED BY THE ENGINEER.

(5) THE 2- 48" CGSP AND CALICHE BASE SHALL BECOME PROPERTY OF THE COUNTY UPON COMPLETION OF THE PROJECT AND REMOVAL OF THE DETOUR. THE 2- 48" CGSP AND CALICHE BASE SHALL BE STOCKPILED ON THE RIGHT-OF-WAY TO BE REMOVED BY THE COUNTY FORCES.

(6) ESTIMATED AT 0.06 GAL. PER SQ. YD. PRIOR TO DILUTION.

(7) QUANTITY SHOWN INCLUDES 2,400.00 L.F. TRAFFIC STRIPE (MULTI-POLY)(YELLOW). TRAFFIC STRIPE (MULTI-POLY) TO BE MEASURED BY THE L.F. OF 4" WIDE TRAFFIC STRIP OF THE EQUIVALENT AMOUNT OF 4" WIDE STRIPE WHEN A NARROWER OR WIDER STRIPE SPECIFIED IN THE PLANS OR STANDARD DRAWINGS. 2,400.00 L.F. OF THE TRAFFIC STRIPE (YELLOW) IS AN ESTIMATED QUANTITY FOR NO PASSING.

(8) IN ADDITION TO THE RESPONSIBILITIES SHOWN IN THE SPECIFICATIONS. CONTRACTOR TO PROVIDE STATIONING FOR ASPHALT FIELD CALCULATIONS.

(9) PRICE BID TO INCLUDE THE COST OF SAWING THE PAVEMENT AT THE BOP AND EOP.

SUMMARY OF MAINLINE SURFACING QUANTITIES*					
STATION EXTENT	LENGTH	SUBGRADE METHOD B	TACK COAT	SUPERPAVE TYPE S3	SUPERPAVE TYPE S4
	FT.	S.Y.	GAL.	TONS	TONS
102+00.00 TO 105+49.89	349.89	1,110.00	56.00	259.00	122.00
107+95.11 TO 114+00.00	604.89	1,790.00	88.00	406.00	193.00
SHEET TOTALS	954.78	2,900.00	144.00	665.00	315.00

* INCLUDES QUANTITIES FOR GUARDRAIL WIDENING.

COUNTY TO BE RESPONSIBLE FOR THE FOLLOWING:

1. ACQUIRING ALL REQUIRED R/W.
2. REMOVAL AND RESETTING ALL FENCES ON RIGHT-OF-WAY LINES.
3. RELOCATING ALL UTILITIES.

	REVISIONS DESCRIPTION	DATE
1	REVISED PAY ITEM NO.	9/27/2017

ITEM NO.		DESCRIPTION	UNIT	QUANT.
202(H)	0185	EARTHWORK (1)	L. SUM	1.00
221(C)	2801	TEMPORARY SILT FENCE (2)(3)	L.F.	1,600.00
221(F)	0100	TEMPORARY SILT DIKE (2)(3)	L.F.	280.00
230(A)	2806	SOLID SLAB SODDING (4)	S.Y.	15,254.00
233(A)	2817	VEGETATIVE MULCHING (R-11)	AC	3.15
305	0125	CALICHE BASE (5)	C.Y.	658.00
310(B)	0149	SUBGRADE METHOD B	S.Y.	2,900.00
407(B)	0250	TACK COAT (6)	GAL.	144.00
411(B)	5945	SUPERPAVE, TYPE S3 (PG 64-22 OK) (R-31)(R-32)	TON	665.00
411(C)	5960	SUPERPAVE, TYPE S4 (PG 64-22 OK) (R-32)	TON	315.00
509(D)	0325	CLASS C CONCRETE (R-41)	C.Y.	10.00
613(B)	0694	48" CORR. GALV. STEEL PIPE (5)	L.F.	228.00
619(B)	4728	REMOVAL OF ASPHALT PAVEMENT (9)(R-49)	S.Y.	2,365.00
856(A)	8530	TRAFFIC STRIPE (MULTI-POLY.)(4" WIDE) (7)	L.F.	2,400.00

30490(04)				
PAY QUANTITIES				
0600 STAKING				
ITEM NO.		DESCRIPTION		UNIT
642(B)	0096	CONSTRUCTION STAKING LEVEL II		(B) L. SUM
				1.00

30490(04)				
PAY QUANTITIES				
0640 CONSTRUCTION				
ITEM NO.		DESCRIPTION	UNIT	QUANT.
220	2800	SWPPP MANAGEMENT AND DOCUMENTATION	L. SUM	1.00
641	1399	MOBILIZATION	L. SUM	1.00

TEXAS COUNTY	SAND CREEK
SUMMARY OF PAY QUANTITIES AND GENERAL NOTES (ROADWAY)	
J/P NO. 30490(04)	SHEET NO. AR01