

ROADWAY GENERAL CONSTRUCTION NOTES

EXISTING ROAD SHALL BE KEPT OPEN TO THROUGH TRAFFIC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL BARRICADES, CONSTRUCTION SIGNS, LIGHTS, ETC. ALL CONSTRUCTION SIGNING WILL BE DONE ACCORDING TO THE STANDARDS SET FORTH IN THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" CURRENT EDITION, AND AS SHOWN ON TCS STANDARD DRAWINGS.

ALL DESIGNATED TREES (DEAD OR ALIVE), BRUSH, AND OTHER DEBRIS THAT MIGHT INTERFERE WITH THE FLOW OF WATER ARE TO BE CLEANED OUT TO THE RIGHT-OF-WAY LINES AT EACH STRUCTURE AND BRIDGE IN A MANNER APPROVED BY THE ENGINEER. ALL TREES THAT ARE TO BE REMOVED WILL BE CLEARLY MARKED BY THE ENGINEER. ALL COSTS ARE TO BE INCLUDED IN THE PRICE BID FOR "CLEARING AND GRUBBING".

RESPONSIBILITY OF THE COUNTY AND NOT A PART OF THIS CONTRACT:

1. FURNISH ALL RIGHT-OF-WAY
2. RELOCATE ALL UTILITIES
3. RELOCATE ALL FENCES

THE CONTRACTOR SHALL GIVE NOTICE TO THE COUNTY AND THE OKLAHOMA DEPARTMENT OF TRANSPORTATION (DIVISION 2) IN WRITING, FOURTEEN (14) CALENDAR DAYS BEFORE WORK BEGINS ON THE PROJECT.

CONTRACTOR SHALL CONFINE THE WORK TO WITHIN THE LIMITS OF RIGHT-OF-WAY. ANY DAMAGE CAUSED BY THE CONTRACTOR OUTSIDE THE LIMITS OF RIGHT-OF-WAY WILL BE REPAIRED OR RESTORED TO THE ORIGINAL CONDITION AT THE CONTRACTOR'S OWN EXPENSE TO THE SATISFACTION OF THE ENGINEER.

EROSION CONTROL NOTES:

AT THE BEGINNING OF THE TURFING OPERATIONS, ANY AREAS INCLUDED IN PLAN QUANTITIES THAT HAVE GROWN A SATISFACTORY VOLUNTEER TURF OR PERENNIAL GRASS, AS DETERMINED BY THE ENGINEER, SHALL NOT BE SEEDED, SODDED OR SPRIGGED.

ROADWAY PAY QUANTITY NOTES

(1) ITEM "EARTHWORK" SHALL CONSIST OF THE FOLLOWING:

- a. SEE GRADING ESTIMATE, THIS SHEET, FOR EARTHWORK QUANTITIES.
- b. CONTRACTOR SHALL STRIP ALL OF THE AVAILABLE TOPSOIL, STOCKPILE IT, AND PLACE IT BACK ON THE SECTION IN ACCORDANCE WITH SECTION 205 OF THE STANDARD SPECIFICATIONS. RESERVED TOPSOIL SHALL BE SPREAD FIRST ON THE COMPLETED SLOPES OF THE CUT SECTION AND THE REMAINDER ON COMPLETED FILL SLOPES OR OTHER PRIORITY AREAS LOCATED BY THE ENGINEER. ALL ADDITIONAL COSTS ASSOCIATED WITH OPERATION SHALL BE INCLUDED IN THE PAY ITEM FOR EARTHWORK, LUMP SUM. PRICE BID TO INCLUDE COST OF 0-46-0 FERTILIZER ESTIMATED AT 150 LBS PER ACRE ON WHICH TOPSOIL IS REPLACED.
- c. ALL EMBANKMENT SHALL BE COMPACTED IN ACCORDANCE WITH SECTION 202 OF THE STANDARD SPECIFICATIONS.
- d. EXISTING SURFACING TO BE SCARIFIED AND INCORPORATED INTO THE SUBGRADE IN A MANNER APPROVED BY THE ENGINEER.
- e. THE GRADING LINE AS SHOWN ON THE TYPICAL AND CROSS SECTIONS IS TO THE TOP OF THE TOPSOIL. EARTHWORK QUANTITIES WERE NOT ADJUSTED FOR SALVAGE TOPSOIL.
- f. REMOVAL OF ANY EXISTING SIGNS WHICH ARE TO BE PLACED ON THE RIGHT-OF-WAY IN AN USABLE MANNER AND TO BECOME THE PROPERTY OF THE COUNTY.
- g. REMOVAL OF SHOO-FLY, WHICH INCLUDES THE DISPOSAL OF THE CLASS "C" GROUTED RIP RAP, IN A MANNER APPROVED BY THE ENGINEER. EARTHWORK QUANTITIES WERE ADJUSTED FOR THE REMOVAL OF THE SHOO-FLY.

(2) ESTIMATED QUANTITY FOR TEMPORARY EROSION AND SEDIMENT CONTROL TO BE USED IN A MANNER APPROVED BY THE ENGINEER. PRICE BID TO INCLUDE COST OF SILT REMOVAL, NECESSARY MAINTENANCE, MAINTAINING IN AN UPRIGHT POSITION, AND REMOVAL.

(3) PRICE BID TO INCLUDE THE COST OF WATERING AND (10-20-10) FERTILIZER. WATERING ESTIMATED AT 40 GAL. PER SQ. YARD FOR ESTIMATING PURPOSES ONLY. CONTRACTOR WILL PROVIDE SUFFICIENT WATER TO PRODUCE ADEQUATE GRASS GROWTH AS APPROVED BY THE ENGINEER. FERTILIZER (10-20-10) ESTIMATED AT 200 LBS PER 1000 SQ. YARDS OF SODDING.

(4) ESTIMATED AT 120 LBS. PER CU. FT.

(5) PRICE BID FOR "CLEARING AND GRUBBING" SHALL INCLUDE THE REMOVAL OF ALL EXISTING FENCES DESIGNATED FOR REMOVAL BY THE ENGINEER. ALL PERMANENT FENCES SHALL REMAIN IN PLACE.

(6) THIS ITEM SHALL INCLUDE ALL TRAFFIC CONTROL DEVICES NECESSARY TO REGULATE ALL TRAFFIC DURING CONSTRUCTION. THIS ITEM SHALL BE PAID FOR AS A LUMP SUM DUE TO THE MINOR EXTENT OF CONSTRUCTION FOR THIS PROJECT. TRAFFIC CONTROL SHALL BE IN ACCORDANCE TO STATE STANDARDS AND THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", CURRENT EDITION. ALL CONSTRUCTION SIGNS OVER 10 S.F. SHALL BE DOUBLE POSTED.

(7) TRENCH EXCAVATION AND STANDARD BEDDING MATERIAL INCLUDED IN COST.

(8) AFTER REMOVAL OF THE SHOO-FLY THE C.P.P. ARE TO BE PLACED ON THE RIGHT-OF-WAY, IN AN USABLE MANNER, BY THE CONTRACTOR AND BECOME THE PROPERTY OF THE COUNTY.

(9) TO BE USED TO GROUT RIP RAP THAT IS PLACED AROUND STRUCTURE #1. ALL COST ASSOCIATED WITH GROUTING THE RIP RAP SHALL BE INCLUDED IN PRICE BID FOR CLASS C CONCRETE.

(10) INCLUDES 2000 TONS FOR MAINTENANCE OF THE SHOOFLY. TO BE USED AS DIRECTED BY THE ENGINEER.

29925(04) PAY QUANTITIES				
0100 ROADWAY				
ITEM NO.		DESCRIPTION	UNIT	QUANT.
201(A)	0102	CLEARING AND GRUBBING	(5) LSUM	1.00
202(H)	0185	EARTHWORK	(1) LSUM	1.00
221(C)	2801	TEMPORARY SILT FENCE	(2) LF	1,713.00
221(F)	0100	TEMPORARY SILT DIKE	(2) LF	120.00
230(A)	2806	SOLID SLAB SODDING	(3) SY	2,053.68
402(E)	0225	TRAFFIC BOUND SURFACE COURSE TYPE E	(4)(10) TON	1,063.53
509(D)	0325	CLASS C CONCRETE	(9) CY	10.00
601(B)	0536	TYPE I-A PLAIN RIPRAP	(4) TON	35.11
613(EE)	5680	(SP) 60" CORRUGATED POLYPROPYLENE PIPE	(7)(8) LF	160.00
623(A)	0932	BEAM GUARDRAIL W-BEAM SINGLE	LF	100.00
623(F)	5686	GUARDRAIL ANCHOR UNIT (TYPE D-BF)	EA	4.00
623(G)	8571	GUARDRAIL END TREATMENT (GET)	EA	4.00

29925(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

29925(04) SUMMARY OF PAY QUANTITIES				
0300 TRAFFIC CONTROL				
ITEM NO.		DESCRIPTION	UNIT	QUANT.
880(J)	8905	CONSTRUCTION TRAFFIC CONTROL	(6) LSUM	1.00

SUMMARY OF SURFACING					
STATION / LOCATION		LENGTH	THICKNESS	T.B.S.C.	
				FT	IN
4+00.00 TO 7+58.61	CRL	358.61	4.0		196.49
8+20.28 TO 13+07.95	CRL	487.67	4.0		262.93
4+00.00 TO 13+27.70	SHOOFLY	927.70	3.0		404.11
	TOTAL				863.53

GRADING ESTIMATE - C.Y.				
LOCATION	EXC.	EMB.+15%	BORROW	NET
MAINLINE	269.80	2160.80	1891.00	0.00
SHOOFLY	1608.20	303.10	0.00	1305.10
TOTALS	1878.00	2463.90	1891.00	1305.10

NOTE:
QUANTITIES BASED ON THEORETICAL DIMENSIONS.

SUMMARY OF DRAINAGE STRUCTURES											
STRUCTURE NO.	SHEET NO.	STATION	DESCRIPTION	STANDARD BEDDING MATERIAL CLASS C	TRENCH EXCAVATION	CROSS DRAINS		CORRUGATED POLYPROPYLENE PIPE 613(EE)			
						CY	CY	FL _{IN}	FL _{OUT}	60"	LF
1	R003	8+13.75	CONST. 4-60"X40' LG. CORRUGATED POLYPROPYLENE PIPE SKEWED 15° LT FWD	6.70	37.40	736.28	736.21		160		
			TOTALS	6.70	37.40				160		



NS-4005 OVER DOYAL CREEK ATOKA COUNTY
SOUTHEAST #3 CIRCUIT ENGINEERING DISTRICT
 SUMMARY OF QUANTITIES ROADWAY
 STATE JOB NO. 29925(04) SHEET NO. A01