

GENERAL CONSTRUCTION NOTES

ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE 2009 STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, OKLAHOMA DEPARTMENT OF TRANSPORTATION, EXCEPT AS OTHERWISE NOTED ON THE DRAWINGS.

THE STATIONING SHOWN ON THE PLANS IS BASED ON THE STATIONING OF THE ORIGINAL CONSTRUCTION PLANS, F.A.P. I-244-2(115)096 THAT MAY BE OBTAINED FROM THE REPRODUCTION BRANCH OF THE OKLAHOMA DEPARTMENT OF TRANSPORTATION. THE CONTRACTOR IS RESPONSIBLE FOR REPRODUCING STATIONING IN THE FIELD AND SETTING SURVEY CONTROL POINTS.

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.

THE CONTRACTOR IS TO MAKE EVERY EFFORT TO LOCATE AND PROTECT ALL UTILITIES AND STRUCTURES, WHETHER SHOWN OR NOT, PRIOR TO ANY CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL SO CARRY ON CONSTRUCTION WITHOUT CAUSING DAMAGE TO ANY UTILITIES OR STRUCTURES REMAINING IN PLACE.

ALL TREES, BRUSH, AND OTHER DEBRIS THAT MIGHT INTERFERE WITH THE FLOW OF WATER IS TO 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 THE PRICE BID FOR OTHER ITEMS OF WORK.

ANY SODDED AREAS DISTURBED OUTSIDE THE CONSTRUCTION LIMITS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

STANDARD 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.
- (R-7) PRICE BID TO INCLUDE COST OF 180 POUNDS OF 10-20-10 FERTILIZER ESTIMATED AT 0.20 POUNDS PER SQUARE YARD.
- (R-8) PRICE BID TO INCLUDE COST OF 36 M-GALLON WATER ESTIMATED AT 40 GALLONS PER SQUARE YARD.
- (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-30) PRICE BID TO INCLUDE COST OF TACK COAT, MEETING THE REQUIREMENTS OF SECTION 407 OF THE STANDARD SPECIFICATIONS.
- (R-32) ESTIMATED AT 112 LBS. PER SQ. YD. PER 1" THICK.
- (R-41) QUANTITY INCLUDES AN ESTIMATED 1 CY TO BE USED AS DIRECTED BY THE ENGINEER
- (R-48) INCLUDES REMOVAL OF ALL EXISTING ROADWAY DRAINAGE STRUCTURES, HEADWALLS (OTHERWISE SPECIFIED), INLETS, FENCES, AND OTHER STRUCTURES WITHIN THE RIGHT OF WAY.
- (R-49) TO BECOME THE PROPERTY 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.

PAY ITEM NOTES

1. TO BE USED AS DIRECTED BY THE ENGINEER.
2. PAY QUANTITY TO BE USED FOR SHAPING SLOPES AT GUARDRAIL WIDENING. COST TO INCLUDE GRADING AND COMPACTION.
3. PRICE TO INCLUDE SEDIMENT REMOVAL.
4. SEE SUMMARY OF DRAINAGE STRUCTURES
5. INCLUDES REMOVAL OF 5 CRASH BARRELS AT 2ND STREET STA. 227+00 RT., REMOVAL OF EXISTING STAIRS AND SIDEWALK AT HANDICAP RAMP AND MISCELLANEOUS REMOVALS AT INLET REPAIR. INCLUDES ITEMS AS DIRECTED BY ENGINEER AND NOT COVERED BY OTHER ITEMS OF WORK.
6. PAY ITEM "REMOVAL OF EXISTING STRUCTURES" SHALL INCLUDE REMOVAL OF TOP PORTION OF RETAINING WALLS TO THE ELEVATIONS AS SHOWN ON THE PLANS. SEE SHEETS 52 AND 74 FOR DETAILS. PRICE BID FOR THIS ITEM INCLUDES COST OF SAWCUTTING RETAINING WALLS. PRICE BID FOR THIS ITEM SHALL INCLUDE REMOVAL OF 10 FOOT SECTION OF PARAPET AT 2ND ST. RAMP N-W STA. 521+20 RT.
7. PAY ITEM "REMOVAL OF ASPHALT PAVEMENT" INCLUDES REMOVAL OF EXISTING ASPHALT GUARDRAIL WIDENINGS AS SHOWN ON THE PLANS. INCLUDES COST OF ALL SAWCUTTING OF EXISTING PAVEMENT AS NECESSARY.
8. PAY ITEM "SUPERPAVE, TYPE S4 (PG 64-22 OK)" IS TO BE USED FOR GUARDRAIL WIDENING AS SHOWN ON THE PLANS.
9. CLEARING AND GRUBBING SHALL OCCUR 20 FEET BEYOND THE LIMITS OF NEW ROADWAY CONCRETE AND APPROACH SLABS.
10. TO BE USED FOR CONSTRUCTION OF HANDICAP RAMP AND REPLACEMENT OF STAIRS AT 2ND STREET STATION 226+73 RT. REMAINDER AT GUARDRAIL WIDENING.
11. INCLUDES 142 SY FOR HANDICAP RAMP AND 12 SY AT INLET REPAIR AT 2ND STREET STA. 223+47, 50' LT. REMAINDER AT GUARDRAIL WIDENING.
12. INCLUDES 8 CY FOR INLET REPAIR AT 2ND STREET STA. 223+47, 50' LT.
13. INCLUDES 18 CY OF TYPE B BEDDING MATERIAL AND 41 CY OF TRENCH EXCAVATION.
14. INCLUDES 225 LF TO ACCOMMODATE GUARDRAIL REMOVAL AND REPLACEMENT ADJACENT TO PIERS 1, 2 AND 3 REPLACEMENTS.
15. TRANSITION GUARDRAIL CURBING INTO EXISTING CURB.
16. INCLUDES 3 CY FOR INLET REPAIR AT 2ND STREET STA. 223+47, 50' LT AND 12.8 C.Y. AT STAIRS AND HANDICAP RAMP.
17. THE COST OF SR1 AND FS2 REINFORCING BARS FOR THE TRAFFIC RAILS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE OF "P.C. CONCRETE FOR PAVEMENT".

SUMMARY OF REMOVAL		
LOCATION	619(B)	619(B)
	REMOVAL OF CONCRETE PAVEMENT	REMOVAL OF SIDEWALK
STATION	SY	SY
2ND STREET		
223+15.69 TO 223+29.27	82	7
226+02 TO 226+73	319	35
226+73 TO 227+00	77	
2ND ST. RAMP W-N		
520+70.12 TO 521+20	112	
TOTAL	590	42

SUMMARY OF PAY QUANTITIES				
ITEM NUMBER	DESCRIPTION	UNIT	TOTAL	
201(A)	0102 CLEARING AND GRUBBING	(1)(9) L.SUM	1	
202(A)	0183 UNCLASSIFIED EXCAVATION	(R-1) CY	350	
202(D)	0184 UNCLASSIFIED BORROW	(1)(2)(R-3) CY	128	
202(H)	0185 EARTHWORK	(10) LSUM	1	
221(C)	2801 TEMPORARY SILT FENCE	(1)(3)(10) LF	561	
230(A)	2806 SOLID SLAB SODDING	(1)(R-7)(R-8)(11) SY	900	
307(K)	4300 STABILIZED SUBGRADE	(R-1) SY	518	
317	4270 CEMENT TREATED BASE	(R-1) SY	498	
325	5271 SEPARATOR FABRIC	(R-1) SY	498	
408	5774 PRIME COAT	(R-28) GAL	286	
411(C)	5960 SUPERPAVE, TYPE S4(PG 64-22 OK)	(8)(R-1)(R-30)(R-32) TONS	71	
414(B)	5725 DOWEL JOINTED P.C. CONCRETE PAVEMENT (PLACEMENT)	(R-1) SY	501	
414(G)	5275 P.C. CONCRETE FOR PAVEMENT	(R-1)(17) CY	169	
501(G)	6315 CLSM BACKFILL	(R-3)(12) CY	10	
504(D)	6245 CONCRETE RAIL (TR4)	(R-1) LF	81	
504(E)	1381 CONCRETE PARAPET	(R-1) LF	53.4	
504(E)	6190 42" F-SHAPED PARAPET	(R-1) LF	119.8	
509(B)	0321 CLASS A CONCRETE	(R-3)(16) CY	15.8	
510(D)	6341 MSE RETAINING WALL	(10) SY	21.8	
511(A)	0322 REINFORCING STEEL	(10) LB	846	
609(A)	0380 CONCRETE CURB (8" BARRIER-INTEGRAL)	(R-1) LF	50	
611(G)	5697 INLET - LONGITUDINAL BARRIER - TYPE I, DES. 1	(4) EA	1	
611(H)	7126 ADD'L DPTH IN INLET MED.BAR., TYP I, DES. 1	(4) VF	1.25	
611(I)	4488 REPLACEMENT OF INLET FRM&GRT (SSIF-FRM,CIG-GRT-VG-F)	(4) EA	4	
611(M)	4488 REPLACEMENT OF CAST IRON HOOD	(4) EA	3	
613(A)	0403 15" R.C. PIPE CLASS III	(13) LF	48	
613(J)	5915 EDGE DRAIN CONDUIT-PERFORATED	(R-1) LF	127	
613(K)	5916 EDGE DRAIN OUTLET LATERAL-NONPERFORATED	(R-1) LF	36	
613(Q)	5946 OUTLET LATERAL HEADWALL	(R-1) EA	2	
619(A)	0920 REMOVAL OF STRUCTURES AND OBSTRUCTIONS	(5)(14)(R-48)(R-49)(R-50) L.SUM	1	
619(B)	4727 REMOVAL OF CONCRETE PAVEMENT	(R-49)(R-50) SY	590	
619(B)	4728 REMOVAL OF ASPHALT PAVEMENT	(7)(R-49)(R-50) SY	280	
619(B)	4778 REMOVAL OF EXISTING STRUCTURES	(6)(R-49)(R-50) EA	1	
619(B)	4780 REMOVAL OF GUARDRAIL	(14) LF	726	
619(B)	4792 REMOVAL OF SIDEWALK	(14) SY	42	
622(A)	4743 1 1/2" PIPE RAILING	(10) LF	200.7	
623	0100 (PL)GUARDRAIL CURBING	(15) EA	4	
623(A)	0932 BEAM GUARDRAIL W-BEAM SINGLE	(14) LF	612.5	
623(F)	8300 GUARDRAIL TRAIL END TURNDOWN (31")	EA	3	
623(I)	8700 GUARDRAIL BRIDGE CONN-THRIE BEAM (31")	EA	5	

SUMMARY OF GUARDRAIL										
LOCATION	408	411(C)	619(B)	619(B)	623	623(A)	623(F)	623(I)	853	
	PRIME COAT	SUPERPAVE TYPE S4(PG 64-22 OK)	REMOVAL OF ASPHALT PAVEMENT	REMOVAL OF GUARDRIAL	(PL)GUARDRAIL CURBING	BEAM GUARDRAIL W-BEAM SINGLE	GUARDRAIL TRAIL END TURNDOWN (31")	GUARDRAIL BRIDGE CONN-THRIE BEAM (31")	GUARDRAIL DELINEATORS (TYPE 1, CODE 1)	
STATION	LT, RT, GAL	TON	SY	LF	EA	LF	EA	EA	EA	
2ND STREET										
226+99.40 TO 229+18.15	X	43	28	122	210	175	1	1	4	
226+99.40 TO 228+43.15	X	28	18	80	145	1	100	1	2	
2ND ST. RAMP W-N										
516+83 TO 517+23.98	X	11	7		1	12.5	1	1	1	
520+69.52 TO 521+63.27	X	19	12	53	103	1	75	1	2	
521+19.40 TO 521+63.15	X	9	6	25	43	1	25	1	1	
TOTAL		110	71	280	501	4	387.5	3	5	10

SUMMARY OF SURFACING										
LOCATION	307(K)	317	325	408	414(C)	414(G)	609(A)	613(J)	613(K)	613(Q)
	STABILIZED SUBGRADE	CEMENT TREATED BASE	SEPERATOR FABRIC	PRIME COAT	CONT. REINF. P.C.C. PAVEMENT (PLACEMENT)	P.C. CONCRETE FOR PAVEMENT	CONCRETE CURB (8" BARRIER-INTEGRAL)	EDGE DRAIN CONDUIT-PERFORATED	EDGE DRAIN OUTLET LATERAL-NONPERF.	OUTLET LATERAL HEADWALL
STATION	SY	SY	SY	GAL	SY	CY	LF	LF	LF	EA
2ND STREET										
226+23.68 TO 226+73	244	244	244	86	254	85		50		
226+73 TO 226+86	65	62	62	22	61	21		13		
226+86 TO 227+00	77	71	71	25	65	22		14	18	1
2ND ST. RAMP W-N										
520+70.12 TO 521+20	132	121	121	43	121	41	50	50	18	1
TOTAL	518	498	498	176	501	169	50	127	36	2

2ND STREET AND RAMP OVER I-444

DESIGN	JSH	11-15	OKLAHOMA DEPARTMENT OF TRANSPORTATION GENERAL NOTES AND SUMMARY OF PAY QUANTITIES (ROADWAY) STATE JOB NO. 28865(04) SHEET NO. 4 TULSA CO. 2ND STREET
DRAWN	MRM	11-15	
CHECKED	LWN	3-16	
APPROVED			
SQUAD	TT		