

**GENERAL CONSTRUCTION NOTES**

THIS PROJECT SHALL BE CONSTRUCTED WITHOUT CLOSING THE EXISTING ROAD TO LOCAL AND THROUGH TRAFFIC. SEE STANDARD SPECIFICATIONS FOR MAINTENANCE OF LOCAL AND THROUGH TRAFFIC.

MAINTENANCE OF THROUGH TRAFFIC INCLUDES THE MAINTENANCE OF THE EXISTING ROAD IN CLOSE PROXIMITY TO THE NEW CONSTRUCTION AS SHOWN ON THE PLANS.

THIS PROJECT SHALL BE CONSTRUCTED WITHOUT CLOSING THE EXISTING SECTION LINE ROADS TO LOCAL AND THROUGH TRAFFIC. SEE STANDARD SPECIFICATIONS FOR MAINTENANCE OF LOCAL AND THROUGH TRAFFIC.

FOR PROJECTS THAT INCLUDE WIDENING AND/OR RESURFACING, THE CONTRACTOR SHALL SCHEDULE OPERATIONS TO MINIMIZE POTENTIAL DROP-OFF HAZARDS AND SHALL SUBMIT A SEQUENCE OF CONSTRUCTION OPERATIONS TO THE RESIDENT ENGINEER FOR APPROVAL BEFORE OPERATIONS BEGIN. ANY PORTION OF THE CONSTRUCTION OPERATIONS, SUCH AS SUPERPAVE LAYING OPERATIONS, EXCAVATION FOR PAVEMENT WIDENING, OR EXTENSION OF ROADWAY STRUCTURES, SHALL BE LIMITED TO ONE SIDE AT A TIME, AND THE PROCEDURES OUTLINED IN THE PAVEMENT DROP-OFF TREATMENT STANDARD PDT-1 (LATEST REVISION) SHALL BE IMPLEMENTED. ONLY THAT AMOUNT OF OPEN TRENCH WILL BE ALLOWED THAT CAN BE SURFACED IN 1 (ONE) DAY'S TIME WITHOUT APPROVAL BY THE ENGINEER. LIGHTS, SIGNS AND BARRICADES SHALL BE MOVED AS WORK PROGRESSES.

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.

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.

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.

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.

THE CONTRACTOR SHALL KEEP THE OPEN TRENCH DRAINED. COST TO BE INCLUDED IN OTHER ITEMS OF WORK

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.

THE PLANTING OF TEMPORARY SEEDS SHALL BE RESTRICTED TO THE PERIOD FROM MARCH 1 TO APRIL 15 AND FROM SEPTEMBER 1 TO NOVEMBER 1.

AREAS ON WHICH SALVAGED TOPSOIL IS TO BE REPLACED SHALL HAVE 18-46-0 FERTILIZER APPLIED AT THE RATE OF 150 POUNDS PER ACRE JUST PRIOR TO THE REPLACEMENT OF SALVAGED TOPSOIL.

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 SEEDED, SODDED, OR SPRIGGED.

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.

**PAY QUANTITY NOTES**

(R-1) PAYMENT FOR THIS ITEM WILL BE BASED ON PLAN QUANTITY ONLY. SEE SECTION 109.01B OF THE STANDARD SPECIFICATIONS.

(R-5) AN ESTIMATED QUANTITY OF 265 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 1,000 SQ. YDS.

(R-8) FOR SOLID SLAB SODDING, PRICE BID TO INCLUDE COST OF WATERING, ESTIMATED AT 40 GALLONS PER SQ. YD.

(R-11) THE QUANTITIES ESTIMATED FOR TEMPORARY EROSION AND SEDIMENT CONTROL IS 1.0 ACRES.

(R-16) QUANTITY BASED ON TWO APPLICATIONS.

(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-46) ANY DRAINAGE STRUCTURE DESCRIBED AS TEMPORARY, SHALL AFTER COMPLETION OF THE PROJECT, BE REMOVED BY AND BECOME THE PROPERTY OF THE CONTRACTOR.

(R-48) INCLUDES REMOVAL OF ALL EXISTING ROADWAY DRAINAGE STRUCTURES, INLETS, 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) NO STUMPS OR OTHER DEBRIS SHALL BE BURIED OR DISPOSED OF ON THE RIGHT-OF-WAY UNLESS APPROVED BY THE ENGINEER. DO NOT DISTURB VEGETATION BEYOND BACKSLOPE.

(2) ESTIMATED QUANTITY TO BE USED IN A MANNER AND LOCATION AS DETERMINED BY THE ENGINEER.

(3) SHALL INCLUDE COST OF 18-46-0 FERTILIZER AS WELL AS REDISTRIBUTION OF TOPSOIL AND STOCKPILING OF WASTE TOPSOIL AT A LOCATION TO BE DETERMINED BY THE ENGINEER.

(4) REMOVE SILT FROM EROSION CONTROL DEVICES WHEN THE SILT REACHES HALF THE HEIGHT OF THE DEVICE.

(5) TO BE USED FOR FIELD ENTRANCES AND TEMPORARY DRIVES AS DIRECTED BY THE ENGINEER. 10 TONS INCLUDED FOR TEMPORARY DRIVES.

(6) TACK COAT ESTIMATED AT 0.075 GAL. PER SQ. YD.

(7) TO BECOME PROPERTY OF THE COUNTY.

(8) OMIT CONCRETE APRON.

ROADWAY 0100		PAY QUANTITIES			JP# 29572(04)
ITEM NO.		DESCRIPTION	NOTES	UNIT	QUANTITY
201(A)	0102	CLEARING AND GRUBBING	(1)	LSUM	1
202(A)	0183	UNCLASSIFIED EXCAVATION	(R-1)	CY	123
202(D)	0184	UNCLASSIFIED BORROW	(R-1)	CY	37
205(A)	4229	TYPE A-SALVAGED TOPSOIL	(R-5)(3)	LSUM	1
221(C)	2801	TEMPORARY SILT FENCE	(2,4)	LF	900
221(D)	2803	TEMPORARY SEDIMENT FILTER	(2,4)	EA	4
230(A)	2806	SOLID SLAB SODDING	(R-7,8)	SY	2,300
233(A)	2817	VEGETATIVE MULCHING	(R-11)(2)	AC	1
241	2832	MOWING	(R-16)	AC	1
307(K)	4300	STABILIZED SUBGRADE		SY	1,121
407(B)	0250	TACK COAT	(6)	GAL	597
408	5774	PRIME COAT	(R-28)	GAL	494
411(B)	5945	SUPERPAVE, TYPE S3 (PG 64-22 OK)	(R-32)	TON	567
411(C)	5955	SUPERPAVE, TYPE S4 (PG 70-28 OK)	(R-32)	TON	662
412	5267	COLD MILLING PAVEMENT		SY	3,711
414(A)	0210	P.C. CONCRETE PAVEMENT (PLACEMENT)		SY	223
414(G)	5275	P.C. CONCRETE FOR PAVEMENT		CY	56
609(B)	1500	1'-8" COMB. CURB & GUTTER (4" MNTBLE)		LF	969
611(G)	6000	INLET (SMD-TYPE 1)	(8)	EA	1
613(B)	0689	18" CORR. GALV. STEEL PIPE	(R-46)	LF	207
619(A)	0920	REMOVAL OF STRUCTURES & OBSTRUCTIONS	(R-48,49)	LSUM	1
619(B)	4726	REMOVAL OF CURB AND GUTTER		LF	1,144
619(B)	4728	REMOVAL OF ASPHALT PAVEMENT	(R-49,50)	SY	1,295
619(B)	4780	REMOVAL OF GUARDRAIL	(7)	LF	929
619(C)	0924	SAWING PAVEMENT		LF	1,902
623(A)	0932	BEAM GUARDRAIL-W-BEAM-SINGLE		LF	362.5
623(G)	8590	GUARDRAIL END TREATMENT (31")		EA	4
623(I)	8700	GUARDRAIL BRIDGE CONN-THRIE BEAM (31")		EA	6
805(A)	8724	(PL) REMOVAL OF EXISTING SIGNS		EA	8
850(A)	8110	SHEET ALUMINUM SIGNS		SF	42.1
851(C)	8324	2" SQUARE TUBE POST		LF	88.0

SUMMARY OF SIGNS							
Plan Sht. No.	Approx. Station	Type	Description	ODOT Std.	Sign Blank Std.	Area	Square Tube Post
						S.F.	2" L.F.
6	633+78	W8-13	BRIDGE ICES BEFORE ROAD	WSD3-1	B-30(D)	6.25	11.0
8	625+27	R4-7	KEEP RIGHT TURN	RSD2-1	B-2430	5.00	11.0
8	625+27	R6-1(R)	ONE WAY	RSD2-1	B-3612	3.00	
8	625+30	R1-2	YIELD	RSD1-1	B-36(T)	3.90	11.0
8	634+71	R1-2	YIELD	RSD1-1	B-36(T)	3.90	11.0
8	634+75	R4-7	KEEP RIGHT TURN	RSD2-1	B-2430	5.00	11.0
8	634+75	R6-1(R)	ONE WAY	RSD2-1	B-3612	3.00	
8	641+07	R6-1(R)	ONE WAY	RSD2-1	B-3612	3.00	11.0
8	641+91	R5-1a	WRONG WAY	RSD2-1	B-3624	6.00	11.0
8	642+30	R6-1(R)	ONE WAY	RSD2-1	B-3612	3.00	11.0
		TOTAL		n/a	n/a	42.1	88.0

S.H. 74 OVER I-35

McCLAIN CO.

DESIGN	JMS		OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN	ISFM		
CHECKED			
APPROVED			
SQUAD	MacArthur		
SUMMARY OF PAY QUANTITIES (ROADWAY)			
STATE JOB NO. 29572(04)			SHEET NO. 4