ROADWAY SPECIAL PAY QUANTITY NOTES

- PRICE BID TO INCLUDE COST OF 474 C Y STANDARD BEDDING MATERIAL AND 658 C Y TRENCH
- NO STUMPS OR OTHER DEBRIS SHALL BE BURIED OR DISPOSED OF ON THE RIGHT-OF-WAY UNLESS APPROVED BY THE ENGINEER. RIGHT-OF-WAY TO BE CLEARED FROM RIGHT-OF-WAY LINE TO RIGHT-OF-WAY LINE UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- ESTIMATED QUANTITY TO BE USED IN A MANNER AND LOCATION AS DETERMINED BY THE ENGINEER.
- (4) REMOVE SILT FROM EROSION CONTROL DEVICES WHEN THE SILT REACHES HALF THE HEIGHT OF THE
- (5) INCLUDES STAKING OF CENTERLINE, RIGHT-OF-WAY, BENCHMARKS, SLOPE STAKES, BLUE TOPS AND OTHER NEEDS OF THE CONTRACTOR AND THE DEPARTMENT AS DIRECTED BY THE ENGINEER.
- (6) TACTILE WARNING DEVICES SHALL BE TYPE B
- (7) PRICE BID FOR INLETS TO INCLUDE COST OF STUB-OUTS FOR SUB SURFACE TREE DRAINAGE.
- <u>(8)</u> USE BRICK PAVER LAYOUT AND DETAIL, ON TYPICAL SECTIONS (3) SHEET NO. 4.
 - INCLUDES 1233 L.F. FOR IRRIGATION SLEEVES, SEE IRRIGATION PLANS, SHEETS 41-44
 - (10) FOR TEMPORARY CROSSINGS. TO BE USED AS DIRECTED BY THE ENGINEER.
 - (11) TO BE USED AS DIRECTED BY THE ENGINEER TO PATCH PAVEMENT. PRICE BID TO INCLUDE COST TO REPAIR SUBGRADE, IF NECESSARY
- INCLUDES 29 TONS TO BE USED FOR WORK ON S.W. 3RD STREET BETWEEN LEE STR. AND WALKER AND (12)HUDSON BOULEVARD BETWEEN S.W. 2ND STREET AND RENO AVENUE
- (13)INCLUDES 250 S.Y. TO BE USED FOR WORK ON S.W. 3^{ED} STREET BETWEEN LEE STR. AND WALKER AND HUDSON BOULEVARD BETWEEN S.W. 2ND STREET AND RENO AVENUE
- INCLUDES QUANTITY FOR WORK ON ROBINSON AND HUDSON BETWEEN THE OKLAHOMA CITY (14)BOULEVARD AND S.W. 2ND STREET.
- PRICE BID TO INCLUDE COST TO REMOVE AND DELIVER TO THE CITY, ALL TRAFFIC CONTROL <u>(15)</u> EQUIPMENT FROM THE FOLLOWING LOCATIONS:
 - S.W. 3 STREET AND WALKER AVENUE
 - S.W. 3ND STREET AND HUDSON AVENUE
 - S W 3 STREET AND HARVEY AVENUE
 - S.W. 3RD STREET AND ROBINSON AVENUE
- <u>/2</u>(16) INCLUDE PRICE OF BLACK VINYL COATING, TO MATCH EXISTING FENCE STYLE.

WATERLINE SHALL BE C900 PVC (DELETED)

ROADWAY PAY QUANTITY NOTES

- PAYMENT FOR THIS ITEM WILL BE BASED ON PLAN QUANTITY ONLY. SEE SECTION 109.01B OF THE STANDARD SPECIFICATIONS.
- INCLUDES 5,000 CU, YDS, FOR DRIVEWAYS, RETURNS, DIKES, AND MISCELLANEOUS EARTHWORK, (R-4)
- (R-5) AN ESTIMATED QUANTITY OF 7331 93 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.
- PRICE BID TO INCLUDE COST OF 10-20-10 FERTILIZER ESTIMATED AT 200 POUNDS PER 1000 SQUARE YARDS OF SODDING.
- PRICE BID TO INCLUDE COST OF WATERING ESTIMATED AT 80 GALLONS PER SQUARE YARD OF SODDING. THE CONTRACTOR SHALL PROVIDE SUFFICIENT WATER FOR ADEQUATE GRASS GROWTH AS APPROVED BY THE ENGINEER
- THE QUANTITIES ESTIMATED FOR TEMPORARY EROSION AND SEDIMENT CONTROL IS 7.73 ACRES
- QUANTITY BASED ON TWO APPLICATIONS
- (R-32) EST. AT 112 LBS. PER SQ. YD. PER 1" THICK.
- ESTIMATED AT 120 LBS. PER CU. FT. (R-25)
- <u>∕</u>\$ (R-44) PRICE BID TO INCLUDE COST OF 0 - 4" MOUNTABLE CURB HOODS, 0 - 6" MOUNTABLE CURB HOODS, 11 - 6" BARRIER CURB HOODS, _25_ - 8" BARRIER CURB HOODS.
 - 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
 - MATERIALS REMOVED SHALL NOT BE MEASURED FOR PAYMENT UNDER SECTION 202.06 UNCLASSIFIED (R-50) **EXCAVATION**
- ∕2√ (R-52) INCLUDES 2% FOR GROUND MEASUREMENT.
- ↑ (TR-24) ALL TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE CITY. THE CONTRACTOR SHALL NEATLY STACK SUCH REMOVED MATERIAL AT A LOCATION ON THE JOB SITE AS DIRECTED BY THE ENGINEER. THE PRICE BID SHALL INCLUDE THE REMOVAL OF ALL FOOTINGS BELOW GROUND LEVEL OR AS DIRECTED BY THE ENGINEER. FOOTINGS TO BECOME THE PROPERTY OF THE

404 PERMIT AND DEQ PERMIT NOTES

IF THE CONTRACTOR ELECTS TO BUILD A ROAD(S) WITHIN THE LIMITS OF THE CHANNEL IN ORDER TO PERFORM WORK, THE CONTRACTOR WILL BE RESPONSIBLE FOR EFFECTIVE EROSION AND SEDIMENT CONTROL IN ACCORDANCE WITH THE CORPS OF ENGINEERS 404 PERMIT WHICH IS INCLUDED IN THE CONTRACT. IF THE AREA OF DISTURBANCE IS ONE OR MORE ACRES AND IS NOT ALREADY COVERED BY A DEQ PERMIT, THE CONTRACTOR WILL BE REQUIRED TO OBTAIN A DEQ STORM WATER CONSTRUCTION PERMIT WHICH WILL INCLUDE AN APPLICATION (NOTICE OF INTENT) TO DECIPIED TO FARTH DISTURBING ACTIVITIES A STORM WATER POLLUTION PREVENTION PLAN AND THE INSTALLATION AND MAINTENANCE OF EROSION AND SEDIMENT CONTROLS. IN ADDITION, THE CONTRACTOR WILL BE RESPONSIBLE FOR PERMANENT STABILIZATION MEASURES AFTER REMOVAL OF THE WORK ROAD(S), ALL COSTS ASSOCIATED WITH THE CONTRACTORS"WORK ROAD INCLUDING A DEQ PERMIT, EROSION AND SEDIMENT CONTROLS AND PERMANENT STABILIZATION, ETC. WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

ROADWAY GENERAL CONSTRUCTION NOTES

ALL WASTE MATERIAL SHALL BECOME THE CONTRACTOR'S PROPERTY AND SHALL BE DISPOSED OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS. ALL SYSTEM, INC. "CALL OKIE" 1-800-522-6543 OR 811.

CONTRACTOR SHALL MAKE EVERY EFFORT TO LOCATE AND PROTECT ALL UTILITIES AND STRUCTURES, WHETHER SHOWN OR NOT, PRIOR TO ANY CONSTRUCTION OPERATIONS. HE SHALL SO CARRY ON HIS CONSTRUCTION SUCH THAT HE WILL NOT DAMAGE ANY UTILITIES OR STRUCTURES REMAINING IN PLACE. THE CONTRACTOR SHALL CALL OKIE BEFORE PERFORMING ANY EXCAVATIONS.

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 CITY 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 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.

THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY RIGHT-OF-WAY FENCE AS REQUIRED. WHEN THE PORTION OF THE PROJECT THAT REQUIRED THIS FENCE IS COMPLETED, THE TEMPORARY FENCE SHALL BE REMOVED, AND PERMANENT RIGHT-OF-WAY FENCING SHALL BE RESTORED OR INSTALLED IN A MANNER APPROVED BY THE ENGINEER. ALL COST OF TEMPORARY FENCING SHALL 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

TEMPORARY SEEDING MIX SHALL BE AS FOLLOWS:

KINDS OF SEED TO BE FURNISHED QUANTITY PER ACRE CRIMSON CLOVER 8 LBS. OF SEED COMMON BERMUDA ANNUAL RYE 12 LBS. OF SEED 26 LBS./AC. OF SEED

VEGETATIVE MULCHING: THE VEGETATIVE MULCH SHALL BE ANCHORED IN ACCORDANCE WITH THE "ADHESIVE SPRAY METHOD", AS SPECIFIED IN 233.04B(1) OF THE STANDARD SPECIFICATIONS.

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

T.B.S.C. SURFACES SHALL BE SPRINKLED WITH WATER AND ROLLED WITH A PNEUMATIC ROLLER IN A MANNER APPROVED BY THE ENGINEER.

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. ONLY THE SILICONE SEALANT OPTIONS, FROM STANDARD LECS-4, WILL BE ALLOWED ON THIS

PRIOR TO FINAL ACCEPTANCE, ALL EXPOSED CURB SURFACES SHALL BE CLEANED OF ALL DISCOLORATION SUCH AS ASPHALT STAIN, TIRE MARKS, OR OTHER DISFIGUREMENT.

THIS PROJECT IS MANDATORYILY TIED WITH JP# 17428(88) THE COST OF MOBILIZATION, CONSTRUCTION STAKING AND SWPPP FOR THIS PROJECT IS INCLUDED IN THE PRICE BID FOR THOSE ITEMS ON JP# 17428(88)

REVISIONS				REVISIONS			
REV. NO	. DESCRIPTION	DATE	REV. NO	. DESCRIPTION	DATE		
A	REVISED PAY QUANTITIES	12-15-2015	4	ADDED QUANTITIES AND NOTE FOR WATERLINE RELOCATION	5-12-2017		
2	CORRECTED PAY ITEM NOTE REVISED PAY QUANTITIES	3-15-2016	<u>∕\$</u>	CORRECTED PAY ITEM NOTE REVISED PAY QUANTITIES	9-5-2017		
ADDED & UPDATED QUANTITIES 11-15-2016 FOR STREETCAR		<u> </u>	UPDATED SPECIAL PAY QUANTITY NOTE 10- REVISED PAY QUANTITIES				
			\wedge	ADDED NOTE	10-21-2017		

	AY 0100		NOTES		P# 17428(89
	1 NO.	DESCRIPTION	NOTES		QUANTIT
201(A)	0102	CLEARING AND GRUBBING	(2)	LSUM	1.0
202(A)	0183	UNCLASSIFIED EXCAVATION	(R-1)	CY	20,083.0
202(D)	0184	UNCLASSIFIED BORROW	(R-4)	CY	5,000.0
202(D)	4781	UNCLASSIFIED BORROW (TOPSOIL)		CY	5,194.0
221(C)	2801	TEMPORARY SILT FENCE	(3,4)	LF	5,372.0
221(D)	2803	TEMPORARY SEDIMENT FILTER	(3)	EA	24.0
230(A)	2806	SOLID SLAB SODDING	(R-7,8)	SY	37,396.0
232(B)	2814	SEEDING METHOD B	(R-11)	AC	7.7
233(A)	2817	VEGETATIVE MULCHING	(3) (R-11)	AC	7.7
241	2832	MOWING	(R-16)	AC	15.5
303(A)	2100	AGGREGATE BASE TYPE A	(11.10)	CY	4,744.0
307(K)	4300	STABILIZED SUBGRADE		SY	27,405.0
307 (IX) 317	4270	CEMENT TREATED BASE		SY	24,330.0
325	5271	SEPARATOR FABRIC		SY	51,754.0
	0225		(D. 05)(40)		
102(E)		TRAFFIC BOUND SURFACE COURSE TYPE E	(R-25)(10)	TON	500.0
111(B)	5945	SUPERPAVE, TYPE S3(PG 64-22 OK)	(R-32)(11)	TON	50.0
111(C)	5955	SUPERPAVE, TYPE S4(PG 70-28 OK)	(R-32)(12)	TON	863.0
112	5267	COLD MILLING PAVEMENT	(13)	SY	7,692.0
114(B)	5725	DOWEL JOINTED P.C. CONCRETE PAVEMENT(PLACEMENT)		SY	23,015.0
414(G)	5275	P.C. CONCRETE FOR PAVEMENT		CY	5,754.0
125	5195	DIAMOND GRINDING CONCRETE PAVEMENT	(14)	SY	292.0
609(A)	0380	CONCRETE CURB (8" BARRIER-INTEGRAL)		LF	7,623.0
609(B)	0395	2'-8" COMB. CURB & GUTTER (6" BARRIER-NOTCHED		LF	2,256.0
610(A)	0605	6" CONCRETE SIDEWALK		SY	6.716.0
610(B)	0604	6" CONCRETE DRIVEWAY		SY	126.0
610(E)	0425	(PL) CONCRETE PAVERS	(8)	SF	25,000.0
610(L)	4610	TACTILE WARNING DEVICE-NEW	(6)	SF	1,208.0
	2657	MANHOLE (4' DIAMETER)	(0)	EA	2.0
611(A)					
611(A)	2658	MANHOLE (5' DIAMETER)		EA	5.0
611(A)	2659	MANHOLE (6' DIAMETER)		EA	5.0
611(B)	2680	ADD'L DEPTH IN MANHOLE (4' DIAMETER)		VF	3.0
611(B)	2681	ADD'L DEPTH IN MANHOLE (5' DIAMETER)		VF	15.0
611(B)	2682	ADD'L DEPTH IN MANHOLE (6' DIAMETER)		VF	17.0
611(G)	5112	INLET CIDES. 2 (STD)	(R-44)	EA	20.0
611(G)	5113	INLET CIDES, 2 (B)	(R-44)	EA	4.0
311(G)	5114	INLET CIDES. 2 (C)	(R-44)	EA	1.0
611(H)	5325	ADD'L DEPTH IN INLET CI DES. 2	` ′	VF	40.0
612(G)	0650	FIRE HYDRANT RESET		EA	6.0
613(A)	0491	18" R.C. PIPE CLASS III	(1,7)	LF	440.0
613(A)	0407	21" R.C. PIPE CLASS III	(1,7)	LF	242.0
613(A)	0492	24" R.C. PIPE CLASS III	(1,7)	LF	532.0
	0492				356.0
613(A)		30" R.C. PIPE CLASS III	(1,7)	LF	
613(A)	0495	42" R.C. PIPE CLASS III	(1,7)	LF	44.0
613(A)	0496	48" R.C. PIPE CLASS III	(1,7)	LF	536.0
613(J)	5915	EDGE DRAIN CONDUIT-PERFORATED		LF	9,879.0
513(K)	5916	EDGE DRAIN OUTLET LATERAL-NONPERFORATED		LF	320.0
616(B)	5218	2" POLYVINYL CHLORIDE (PVC) PIPE	(9)	LF	3,106.0
616(B)	5223	6" POLYVINYL CHLORIDE (PVC) PIPE	(9)	LF	1,233.0
616(B)	5225	8" POLYVINYL CHLORIDE (PVC) PIPE	(9)	LF	152.0
616(B)	5229	12" POLYVINYL CHLORIDE (PVC) PIPE (DELETED)	(17)	LF	19
616(B)	5223	6" POLYVINYL CHLORIDE (PVC) PIPE (DELETED)	(17)	LF	2
616(D)		12" x 12" TAPPING SLEEVE (DELETED)	\.''	EA-	
616(D)		12" TAPPING VALVE AND BOX (DELETED)		EA	
		6" GATE VALVE (DELETED)		EA	
316(D)					
616(K)	0150	6" SOLID SLEEVE (DELETED)		EA FA	
616(O)	0530	12" 45 DEGREE FITTING (DELETED)	_	EA .	
516(O)	0550	12" 90 DEGREE FITTING (DELETED)	-	EA	
616(O)	0200	6" 45 DEGREE FITTING (DELETED)	_	EΛ	
616(S)	0240	12" PLUG (DELETED)	_	ΕA	
316(T)	0600	12" x 12" x 6" TEE (DELETED)		EA	
616(V)	0100	HYDROSTATIC PRESSURE TESTING & DISINFECTION	(DELETED) -	LSUM	
319(A)	0920	REMOVAL OF STRUCTURES & OBSTRUCTIONS	(R-48,49)	LSUM	1.0
619(B)	4726	REMOVAL OF CURB AND GUTTER	(R-1,49,50)	LF	10,502.0
619(B)	4727	REMOVAL OF CONCRETE PAVEMENT	(R-1,49,50)	SY	10,734.0
619(B)	4728	REMOVAL OF ASPHALT PAVEMENT	(R-1,49,50)	SY	42,346.0
	4792	REMOVAL OF ASPHACI FAVEMENT	(R-1,49,50)	SY	3,020.0
619(B)			(1,49,50)		
619(C)	0924	SAWING PAVEMENT	/B ==::::	LF	3,068.0
524(E)	4294	FENCE-STYLE CLF (8' HIGH, CLASS A)	(R-52)(16)	LF	327.0
305(A)	8726	(PL) REMOVAL OF TRAFFIC SIGNAL EQUIPMENT	(TR-24)(15)	LSUM	1.0

DELETED WATERLINE PAY ITEMS, SEE SHEET WL1-WL2 FOR WATERLINE ITEMS AND NOTES

			OKLAHOMA CITY BOULEVARD OKLAHOMA CO			
DESIGN	KBA	MMPC	OKLAHOMA DEPARTMENT OF TRANSPORTATION			
DRAWN	ISFM	RWH				
CHECKED	ММ		SUMMARY OF PAY QUANTITIES			
APPROVED			(ROADWAY)			
SQUAD	MacArthur		STATE JOB NO. 17428(89) SHEET NO. 6			