

CITY OF **stillwater**

FEED DIST NO.	STATE	PROJ NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA	31595(04)	16		

DESCRIPTION: ROADWAYS
 REVISIONS: DATE: 8-3-2016

ROADWAY PAY ITEMS					
ITEM NO.	CODE NO.	ITEM DESCRIPTION	NOTES	UNIT	QUANTITY
201(A)	0102	CLEARING AND GRUBBING		LSUM	1.00
202(A)	0183	UNCLASSIFIED EXCAVATION	(R-1)	CY	14,909.00
202(D)	0184	UNCLASSIFIED BORROW	(R-4)	CY	5,998.00
205(A)	4229	TYPE A-SALVAGED TOPSOIL	(R-5)(R-15)(1)(2)	LSUM	1.00
221(C)	2801	TEMPORARY SILT FENCE	(4)(7)	LF	5,913.00
221(D)	2803	TEMPORARY SEDIMENT FILTER	(4)(7)	EA	24.00
221(F)	0100	TEMPORARY SILT DIKE	(4)(7)	LF	140.00
221(G)	0150	TEMPORARY ROCK FILTER DAM TYPE 1		CY	8.84
230(A)	2806	SOLID SLAB SODDING	(R-7)(R-8)	SY	18,215.47
241	2832	MOWING	(R-16)	AC	10.00
307(K)	4300	STABILIZED SUBGRADE	(15)	SY	35,744.95
402(E)	0225	TRAFFIC BOUND SURFACE COURSE TYPE E	(R-25)(16)	TON	100.00
414(B)	5725	DOWEL JOINTED P.C. CONCRETE PAVEMENT(PLACEMENT)		SY	30,824.73
414(G)	5275	P.C. CONCRETE FOR PAVEMENT	(8)	CY	8,160.89
501(A)	0313	STRUCTURAL EXCAVATION UNCLASSIFIED		CY	68.38
509(A)	0319	CLASS AA CONCRETE	(R-1)	CY	130.60
509(D)	0325	CLASS C CONCRETE	(R-41)	CY	64.25
510(A)	6333	RETAINING WALL		SY	208.34
511(A)	0332	REINFORCING STEEL	(R-1)	LB	14,223.00
601(A)	0297	TYPE I PLAIN RIPRAP		TON	114.57
609(B)	1525	2'-8" COMB. CURB & GUTTER (6" BARRIER)		LF	11,204.00
610(A)	0602	4" CONCRETE SIDEWALK	(9)	SY	7,147.17
610(B)	0604	6" CONCRETE DRIVEWAY	(10)	SY	1,423.42
610(C)	5824	DECORATIVE MEDIAN CONCRETE	(14)	SY	1,716.00
611(A)	2657	MANHOLE (4' DIAMETER)		EA	9.00
611(A)	2658	MANHOLE (5' DIAMETER)		EA	4.00
611(B)	2680	ADD'L DEPTH IN MANHOLE (4' DIAMETER)		VF	3.96
611(B)	2681	ADD'L DEPTH IN MANHOLE (5' DIAMETER)		VF	4.66
611(G)	5112	INLET CI DES. 2 (STD)	(R-44)	EA	1.00
611(G)	5113	INLET CI DES. 2 (B)	(R-44)	EA	2.00
611(G)	5115	INLET CI DES. 2 (D)	(R-44)	EA	12.00
611(G)	5117	INLET CI DES. 2 (2B)	(R-44)	EA	2.00
611(G)	5120	INLET CI DES. 3 (STD)	(R-44)	EA	1.00
611(G)	5121	INLET CI DES. 3 (B)	(R-44)	EA	2.00
611(G)	5123	INLET CI DES. 3 (2B)	(R-44)	EA	1.00
611(G)	5334	INLET GPI TYPE 2 (DES. 8)		EA	1.00
611(G)	5336	INLET GPI TYPE 2 (DES. 10)		EA	1.00
611(G)	6000	INLET (SMD-TYPE 1)		EA	1.00
611(H)	5325	ADD'L DEPTH IN INLET CI DES. 2		VF	35.25
611(H)	5330	ADD'L DEPTH IN INLET CI DES. 3		VF	4.88
613(A)	0491	18" R.C.P.IPE CLASS III	(11)	LF	1,108.00
613(A)	0492	24" R.C.P.IPE CLASS III	(11)	LF	1,624.00
613(A)	0493	30" R.C.P.IPE CLASS III	(11)	LF	918.00
613(A)	0494	36" R.C.P.IPE CLASS III	(11)	LF	186.00
613(A)	4500	58" X 36" R.C.P.IPE ARCH CLASS A-III	(11)	LF	106.00
613(L)	4546	58" X 36" PREFAB. CULVERT END SECTION, ARCH		EA	1.00
613(L)	5726	18" PREFAB. CULVERT END SECTION, ROUND		EA	1.00
613(L)	5732	30" PREFAB. CULVERT END SECTION, ROUND		EA	1.00
613(L)	5734	36" PREFAB. CULVERT END SECTION, ROUND		EA	2.00
619(A)	0920	REMOVAL OF STRUCTURES & OBSTRUCTIONS	(R-48)(R-49)(5)	LSUM	1.00
619(B)	4727	REMOVAL OF CONCRETE PAVEMENT	(R-49)(R-50)(12)	SY	457.00
619(B)	4728	REMOVAL OF ASPHALT PAVEMENT	(R-49)(R-50)(12)	SY	16,646.00
619(C)	0924	SAWING PAVEMENT		LF	458.00
622(A)	4445	2" PIPE RAILING		LF	52.00
624(C)	4459	FENCE-STYLE SWF (5 BARBED WIRE)	(R-52)(R-53)(13)	LF	7,036.00

STAKING PAY ITEMS					
ITEM NO.	CODE NO.	ITEM DESCRIPTION	NOTES	UNIT	QUANTITY
642(B)	0096	CONSTRUCTION STAKING LEVEL II	(6)	LSUM	1.00

CONSTRUCTION PAY ITEMS					
ITEM NO.	CODE NO.	ITEM DESCRIPTION	NOTES	UNIT	QUANTITY
0640 CONSTRUCTION					
220	2800	SWPPP DOCUMENTATION AND MANAGEMENT		LSUM	1.00
641	1552	MOBILIZATION		LSUM	1.00

PAY QUANTITY NOTES (ROADWAY)

- (R-1) PAYMENT FOR THIS ITEM WILL BE BASED ON PLAN QUANTITY ONLY. SEE SECTION 109.01B OF THE STANDARD SPECIFICATIONS.
- (R-4) INCLUDES 1,000 CU. YDS. FOR DRIVEWAYS, RETURNS, DIKES, AND MISCELLANEOUS EARTHWORK.
- (R-5) AN ESTIMATED QUANTITY OF 6942 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) PRICE BID TO INCLUDE COST OF 10-20-10 FERTILIZER, ESTIMATED AT 200 POUNDS PER 1000 SQ. YD.
- (R-8) PRICE BID TO INCLUDE COST OF WATERING, ESTIMATED AT 80 GALLONS PER SY.
- (R-15) ESTIMATED AT 150 POUNDS OF 18-46-0 FERTILIZER PER ACRE OF AREA ON WHICH TOPSOIL IS TO BE REPLACED.
- (R-16) QUANTITY BASED ON TWO APPLICATIONS.
- (R-25) ESTIMATED AT 120 LBS. PER CU. FT.
- (R-41) QUANTITY INCLUDES AN ESTIMATED 50 C.Y. TO BE USED AS DIRECTED BY THE ENGINEER.
- (R-44) PRICE BID TO INCLUDE COST OF 118 - 6" BARRIER CURB HOODS.
- (R-48) 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 BY THE ENGINEER.
- (R-50) MATERIALS REMOVED SHALL NOT BE MEASURED FOR PAYMENT UNDER SECTION 202.06 UNCLASSIFIED EXCAVATION.
- (R-52) INCLUDES 2% FOR GROUND MEASUREMENT.
- (R-53) ALL GATES AND GATE END POSTS FOR STRANDED WIRE FENCE (SWF) SHALL BE CONSTRUCTED AT THE SAME WIDTH AS THE EXISTING, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

1 THE CONTRACTOR SHALL STRIP ALL AVAILABLE TOPSOIL IN THE LIMITS OF THE CONSTRUCTION, APPROXIMATELY 5 INCHES DEEP. STOCKPILE THE MATERIAL AND REPLACE THE TOPSOIL ON THE FINISHED SLOPES OF THE GRADING SECTION. ALL ADDITIONAL COSTS NOT COVERED IN OTHER ITEMS SHALL BE INCLUDED IN THE LUMP SUM TOPSOIL ITEM AS FOLLOWS:

EXCAVATION SECTIONS:
 CONTRACTORS ARE TO INCLUDE ANY ADDITIONAL COSTS TO REMOVE, STOCKPILE, AND REPLACE THE MATERIAL ON THE FINISHED GRADING SLOPES IN THE LUMP SUM TOPSOIL ITEM.

EMBANKMENT SECTIONS:
 DETERMINE THE AMOUNT OF TOPSOIL IN THESE AREAS AND INCLUDE ALL COSTS TO REMOVE, STOCKPILE, AND REPLACE THE MATERIAL IN THE LUMP SUM TOPSOIL ITEM.

2 TOPSOIL STOCKPILES AND DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY TEMPORARILY CEASES FOR AT LEAST 14 DAYS ARE TO BE STABILIZED WITH TEMPORARY SEEDING AND MULCH NO LATER THAN 14 DAYS FROM THE LAST CONSTRUCTION ACTIVITY IN THE AREA. PRIOR TO SEEDING, (10-20-10) FERTILIZER SHALL BE APPLIED TO ALL AREAS TO BE STABILIZED. TO BE INCLUDED IN PRICE BID FOR TYPE A SALVAGED TOPSOIL.

PAY QUANTITY NOTES (ROADWAY) CONT...

- 4 ESTIMATED QUANTITY TO BE USED IN A MANNER AND LOCATION TO BE DETERMINED BY THE ENGINEER.
- 5 PRICE BID FOR "REMOVAL OF STRUCTURES AND OBSTRUCTIONS" SHALL INCLUDE COST OF REMOVING FOUNDATIONS, PARKING AREAS, CONCRETE FLOORS, HEADWALLS, EXISTING STORM SEWERS AND APPURTENANCES, EXISTING WATER AND SEWER LINES AND APPURTENANCES, CONCRETE DITCH LINER, DEBRIS, SHEDS, FENCES, POLES, SIGNS AND OTHER ITEMS NOT SPECIFICALLY PAID FOR AS REMOVAL ITEMS BUT EXIST IN THE RIGHT-OF-WAY OF THE PROJECT.
- 6 PRICE BID SHALL INCLUDE ALL STAKING FOR ROADWAY AND SIGNALS. SEE 2009 ODOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, SECTION 642 PARAGRAPH (B) FOR CONTRACTOR RESPONSIBILITIES.
- 7 EROSION AND SEDIMENT CONTROL MEASURES WILL BE MAINTAINED IN GOOD WORKING ORDER FROM THE BEGINNING OF CONSTRUCTION UNTIL AN ACCEPTABLE VEGETATIVE COVER IS ESTABLISHED. INSPECTION BY THE CONTRACTOR AND ANY NECESSARY REPAIRS TO INCLUDE REMOVAL OF ACCUMULATED SILT SHALL BE PERFORMED ONCE EVERY 7 CALENDAR DAYS AND WITHIN 24 HOURS AFTER ANY STORM EVENT GREATER THAN 0.5 INCH AS RECORDED BY A NON-FREEZING RAIN GAUGE TO BE LOCATED ON SITE.
- 8 CONTRACTOR SHALL TAKE ALL REASONABLE MEASURES TO EXPEDITE CONSTRUCTION TIME. THE DEPARTMENT WILL NOT PAY FOR SUBSTITUTIONS OF HIGH EARLY-STRENGTH CONCRETE FOR STANDARD PCC (SEE SECTION 414.06 OF 2009 ODOT STANDARD SPECIFICATIONS). CONTRACTOR SHALL ADJUST PRICE BID FOR AFFECTED ITEMS ACCORDINGLY.
- 9 COST TO INCLUDE ALL MATERIALS AND WORK TO INSTALL TACTILE WARNING DEVICES AND SAFETY BOLLARDS IN ACCORDANCE WITH THE LATEST ODOT STANDARD, ESTIMATED AT 462 SF AND 3 EACH, RESPECTIVELY. PRICE BID ALSO TO INCLUDE THE COST OF SIDEWALK CURB TRANSITIONS AS SHOWN IN THE PLANS.
- 10 PRICE BID SHALL INCLUDE THE COST OF DRIVEWAY CURB TRANSITIONS AS SHOWN IN THE PLANS.
- 11 PRICE BID TO INCLUDE COST OF TRENCH EXCAVATION AND STANDARD BEDDING MATERIAL AS SHOWN ON THE SUMMARY OF DRAINAGE STRUCTURES.
- 12 ITEM SHALL INCLUDE SAWCUT REQUIRED FOR REMOVAL, AND SHALL INCLUDE THE COST TO REMOVE AN ESTIMATED 187 LF OF CURB AND GUTTER.
- 13 FENCE SHALL BE A 5 WIRE FENCE THAT IS 54' FROM THE GROUND TO THE TOP WIRE. THE SPACING OF THE WIRE SHALL BE 11 INCHES AND WIRES SHALL BE ON THE INSIDE OF THE POSTS. T-POSTS SHALL BE 1.33 GAUGE AND A 5.25"X8" CREOSOTE POST SHALL BE PLACED EVERY 5 T-POSTS FOR FENCE STABILITY. WIRE SHALL BE SHEFFIELD, BEKAERT OR RED BRAND WIRE OR APPROVED EQUAL. T-POST PAINT COLOR SHALL BE APPROVED BY THE ENGINEER AND SHALL BE APPLIED PRIOR TO THE WIRE GOING ON.
- 14 PAY ITEM INCLUDES COST OF STAMP AND COLOR.
- 15 "STABILIZED SUBGRADE" SHALL INCLUDE THE COST OF THE CHEMICAL ADDITIVE TO ACHIEVE THE RATE SPECIFIED FOR THE APPROPRIATE SOIL CLASSIFICATION AS SPECIFIED IN THE MOST CURRENT ODOT MATERIALS DIVISION OHD L-50. CONTRACTOR SHALL MAINTAIN ACCESS TO AT LEAST ONE DRIVEWAY AT EVERY PROPERTY DURING CONSTRUCTION.
- 16 ESTIMATED QUANTITY TO BE USED IN A MANNER AND LOCATION TO BE DETERMINED BY THE ENGINEER.

Design		WESTERN ROAD	PAYNE COUNTY
Drawn		ROADWAY PAY QUANTITIES & NOTES	
Checked			
Approved			
Squad	OLSSON ASSOCIATES		
		Project No. 31595(04)	Sheet No. 7