

PLANS FOR SANITARY SEWER RELOCATION TULSA METROPOLITAN UTILITY AUTHORITY ES 2014-2 STATE JOB NO. 21899 (04) I-44 & 145th E. AVE.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
X	OKLA.	21899(04)			

DESCRIPTION	REVISIONS	DATE
REMOVE PAY ITEMS		07/11/2016
REMOVE NOTE		08/10/2016



PAY QUANTITIES						
0120 - SANITARY SEWER RELOCATION						
ITEM NO.	ODOT SPEC NO.	ODOT CODE NO.	COT SPEC NO.	PAY ITEM NOTES		QUANTITY
41	201(A)	0102	COT 301	CLEARING AND GRUBBING	LSUM	1
42	202(A)	0183	COT 302	UNCLASSIFIED EXCAVATION	2	4,532
43	230(A)	2806	COT 325	SOLID SLAB SODDING	SY	1,121
44	303(A)	2100	COT 329	AGGREGATE BASE TYPE A	CY	21
45	307(K)	4300	COT 329	STABILIZED SUBGRADE	SY	363
46	411(B)	5945	COT 329	SUPERPAVE, TYPE S3 (PG 64-22 OK)	TON	126
47	611(A)	2657	COT 314	MANHOLE (4' DIAMETER)	EA	5
48	611(A)	2658	COT 314	MANHOLE (5' DIAMETER)	EA	8
49	611(A)	2659	COT 314	MANHOLE (6' DIAMETER)	EA	1
50	611(B)	2680	COT 314	ADD'L DEPTH IN MANHOLE (4' DIAMETER)	VF	33.00
51	611(B)	2681	COT 314	ADD'L DEPTH IN MANHOLE (5' DIAMETER)	VF	49.41
52	611(B)	2682	COT 314	ADD'L DEPTH IN MANHOLE (6' DIAMETER)	VF	5.72
53	613(U)	0600	COT 322	BORE & JACK 42" CASING	LF	510
54	616(A)	5126	COT 307	24" DUCTILE IRON PIPE	LF	400
55	616(B)	5225	COT 313	8" POLYVINYL CHLORIDE (PVC) PIPE	LF	563
56	616(B)	5229	COT 313	12" POLYVINYL CHLORIDE (PVC) PIPE	LF	448
57	616(B)	5235	COT 313	21" POLYVINYL CHLORIDE (PVC) PIPE	1	1,608
58	619(B)	4728	COT 329	REMOVAL OF ASPHALT PAVEMENT	SY	363

ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH CITY OF TULSA SPECIFICATIONS, STANDARD DRAWINGS, AND DETAILS AS NOTED.

CITY OF TULSA STANDARDS

- 304 BEDDING DETAIL-RIGID PIPE
- 305 BEDDING DETIAL-SEMI RIGID PIPE
- 307 BORE/OPEN CUT CONDUIT DETAIL
- 314 MANHOLE STEPS
- 351 BEDDING DETAIL PVC FLEXIBLE SANITARY SEWER PIPE
- 353 FRAME AND LID FOR 4' ID SANITARY MANHOLE
- 354 FRAME AND LID FOR 5' ID AND LARGER SANITARY MANHOLE
- 356 SANITARY SEWER MANHOLE WITH TAPER
- 358 SANITARY SEWER PRE-CAST MANHOLES
- 365 GO, NO-GO DEFLECTION TESTING MANDREL
- 366 MANHOLE STEP LOCATION AND INVERT DETAILS
- 713 PAVEMENT REMOVAL AND REPLACEMENT
- 714 PAVEMENT CUTS

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THIS PROJECT COMPLIES WITH ALL OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY (ODEQ) REQUIREMENTS. THE PROJECT IS NOT LOCATED ENTIRELY WITHIN THE CORPORATE LIMITS OF THE CITY OF TULSA. CURRENT CITY OF TULSA STANDARD SPECIFICATIONS AND STANDARD DETAILS GOVERN. ALL OTHER CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE 2009 OKLAHOMA STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.

CITY OF TULSA ENGINEERING SERVICES DEPARTMENT	TMUA-W 14-01	ES 2014-02	SECTION MANAGER	DESIGN	CML	12/14	TULSA & ROGERS COUNTIES		
			FIELD MANAGER	SDR	26/2016	DRAWN		MAM	12/14
			DEPUTY DIRECTOR	MMS	7/15	CHECKED		KMM	6/16
			RECOMMENDED BY W & S DIRECTOR	AE	8/15	APPROVED			
			APPROVED BY CITY ENGINEER	FRB	8/15	SQUAD		GARVER	

**SUMMARY OF PAY QUANTITIES
(SANITARY SEWER)**