CHANGE ORDER

Sheet No. 1 of 2

Change Order No. 8
County: Jasper
Route: Storm Project #12

To: D&E Plumbing, Contractor
You are hereby directed to make the following changes from the contract

Project:CDBG Proj. B-13-MS-29-0001
Job No.: JET DR-2 PAP8-1 Storm Project #12

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Change Order No. 8
County: Jasper
Route: Storm Project #12

4. Other City Departments Consulted:

_____ Date _____
Name

_____
Department / Title

_____ Date _____
Name

_____
Department / Title

_____ Date _____
Name

_____
Department / Title

5. Settlement for Cost of the above Change to be made at Contract Unit Price Except as Noted:

1. ORIGINAL CONTRACT AMOUNT	$ 1,608,718.15	The Terms of Settlement outlined above are hereby agreed to.
2. OVERRUN/(UNDERRUN) THIS ORDER	$ 212,226.00	D & E Plumbing & Heating
3. OVERRUN/(UNDERRUN) PREVIOUS	$ 30,649.85	CONTRACTOR
4. TOTAL OVERRUN/(UNDERRUN) TO DATE	$ 242,875.85	by: Steve Eoff 2-10-20
5. TOTAL	$ 1,851,594.00	Date
PERCENTAGE OF ORIGINAL CONTRACT	15.10%	

Emergency Provisions of Change Order Policy Used YES x NO □ Date approved _____

Reason for Emergency and description of work approved: To allow the contractor to proceed with work withing schedule.

Clayton Crump
SUBMITTED ENGINEER

2/10/2020
DATE

_____
APPROVAL PROJECT MANAGER

_____
DATE

_____
APPROVALSUPERVISOR/
ENGINEERING REVIEWER

_____
DATE

_____
APPROVAL OF DEPARTMENT HEAD

_____
DATE

Change Order Proposal

D & E Plumbing & Heating, Inc.
1112 N. Falcon Crest Court
Nixa, MO 65714
Phone (417) 725-5300 Fax (417) 725-5610

DATE July 12, 2019

Customer ID City of Joplin

Proposal To:
Mr. Clayton Cristy, PE, DFM
Olsson Associates
702 South Main Street
Joplin, MO 64801

Project: Storm Project #12 - 17th Street Storm Sewer Repairs
Project Number: CDBG-DR Grant No. B-13-MS-29-0001
Quantities Adjusted 01-23-2020 (JET)

Description	AMOUNT
D & E Proposes the Following Items and Quantities for the Storm Sewer Repairs on 17th Sreet:	
1 EA - 72" Bend @ $5,000.00 EA	$5,000.00
400 FT - 72" RCP @ $350.00 per FT	$140,000.00
345 Ft - Curb @ $28.00 per FT	$9,660.00
444 SY - 8" Base Rock with 6" Asphalt @ $45.00 per SY	$19,980.00
1 - 72" Collar @ $3,000.00 EA	$3,000.00
1 Lump Sum for Removals (Pipe, Ashpalt, Curb and Sawcut)	$14,480.00
1 EA - Manhole Tie In @ $5,000.00 EA	$5,000.00
1 EA - Traffic Control Estimate @ $5,000.00 EA	$5,000.00
Management and Oversight	$10,106.00
TOTAL PRICE FOR CHANGE ORDER	**$212,226.00**

The above work to be performed in a substantial workmanlike manner.
This does not include responsibilty for future conflicts or unknown required changes.

If you have any questions concerning this Change Order Proposal, please contact Steve Eoff at (417) 838-2000.

THANK YOU FOR YOUR BUSINESS!

Storm Project 12 – 17TH Street Storm Sewer Repairs

NL64 – 72" RCP Bend $5,000.00
From MoDOT 2018 Average Weighed Unit Prices
84" RCP - $314.50 (high bid $410.00; low bid $240.00)

NL65 – 72" RCP Culvert $350.00 per L.F. (Includes rock bedding and backfill)
From MoDOT 2018 Average Weighed Unit Prices
84" RCP - $314.50 (high bid $410.00; low bid $240.00)

NL66 – Curb and Gutter $28.00 per L.F.
From Surface Project 4002 Bid Item 16 Average of Bid Prices
Curb and Gutter (COJ) $29.00 per L.F.

NL67 – Pavement Repair (8" Base Rock with 6" Asphalt)
From Surface Project 4002 Bid Item 29 Average of Bid Prices
Pavement Repair $68.00 per Square Yard

NL68 – 72" Pipe Collar $3,000.00 per Each
From MoDOT 2018 Average Weighted Unit Prices
Type C Pipe Collar $1,733.96 (high bid $3,761.91; low bid $150.00)

Additional Time Requested for Repairs:
60 Days after execution of this Change Order. This time is for fabrication of 72" RCP culvert

An additional 90 days for construction shall be added for construction of the storm drain after the 60 day procurement periord.

Surface Project 4002
City of Joplin, Missouri
CDBG Projects No: B-12-MT-29-0001 & B-13-MS-29-0001
Bids Received: October 9, 2019 at 10:00 P.M.
Bids Tabulated By: CK
Bids Checked By: JFN

Name and Address of Bidder	Branco Enterprises, Inc. 12033 E Highway 86 Neosho, MO 64850		D&E Plumbing & Heating 1112 N. Falcon Crest Court Nixa, MO 65714		Bennett, Inc. 103 NE 15TH Lane Lamar, MO 64759		Emery Sapp & Sons 5350 E. State Hwy AA Springfield, MO 65803		Hunter Chase & Assoc. 1200 E. Woodhurst Dr. J-200 Springfield, MO 65804	
Bid Security - 5%	✓		✓		✓		✓		✓	
CDBG Bidder Qualifications & Certification	✓		✓		✓		✓		✓	
Contractor Past Performance Questionnaire	✓		✓		✓		✓		✓	
Section 3 Tables (A&B)	✓		✓		✓		✓		✓	
Subcontractor Disclosure Form	✓		✓		✓		✓		✓	
Minority and Women's Business Enterprise Utilization Worksheet	✓		✓		✓		✓		✓	
Non-Collusion Affidavit	✓		✓		✓		✓		✓	
Addendum 1 Acknowledgement	✓		✓		✓		✓		✓	
BASE BID										
Item No.	**Item Description**	**No. of Units**	**Units**	**Unit Price**	**Extended Total**	**Unit Price**	**Extended Total**	**Unit Price**	**Extended Total**	**Unit Price**	**Extended Total**	**Unit Price**	**Extended Total**
1	Mobilization	1	LS	$ 96,500.00	$ 96,500.00	$ 65,000.00	$ 65,000.00	$ 150,000.00	$ 150,000.00	$ 77,026.00	$ 77,026.00	$ 125,000.00	$ 125,000.00
2	Traffic Control	1	LS	$ 35,000.00	$ 35,000.00	$ 25,000.00	$ 25,000.00	$ 30,000.00	$ 30,000.00	$ 65,675.00	$ 65,675.00	$ 20,000.00	$ 20,000.00
3	Clearing and Grubbing	1	LS	$ 1,800.00	$ 1,800.00	$ 5,000.00	$ 5,000.00	$ 2,500.00	$ 2,500.00	$ 5,190.00	$ 5,190.00	$ 15,000.00	$ 15,000.00
4	Stump Removals	8	EA	$ 775.00	$ 6,200.00	$ 500.00	$ 4,000.00	$ 250.00	$ 2,000.00	$ 1,205.00	$ 9,640.00	$ 500.00	$ 4,000.00
5	Tree Removals	17	CAL-INCH	$ 75.00	$ 1,275.00	$ 100.00	$ 1,700.00	$ 50.00	$ 850.00	$ 275.00	$ 4,675.00	$ 500.00	$ 8,500.00
6	Demolition and Removals	1	LS	$ 246,000.00	$ 246,000.00	$ 500,000.00	$ 500,000.00	$ 221,060.00	$ 221,060.00	$ 200,000.00	$ 200,000.00	$ 375,000.00	$ 375,000.00
7	Miscellaneous Utility Adjustments	1	LS	$ 4,500.00	$ 4,500.00	$ 5,000.00	$ 5,000.00	$ 10,000.00	$ 10,000.00	$ 11,208.91	$ 11,208.91	$ 2,000.00	$ 2,000.00
8	Sanitary Manhole Adjustment	5	EA	$ 475.00	$ 2,375.00	$ 1,000.00	$ 5,000.00	$ 1,000.00	$ 5,000.00	$ 1,133.00	$ 5,665.00	$ 600.00	$ 3,000.00
9	Tree Protection	5100	LF	$ 6.65	$ 33,915.00	$ 1.00	$ 5,100.00	$ 7.00	$ 35,700.00	$ 6.25	$ 31,875.00	$ 6.50	$ 33,150.00
10	Erosion Control	1	LS	$ 1,600.00	$ 1,600.00	$ 4,000.00	$ 4,000.00	$ 5,000.00	$ 5,000.00	$ 2,480.00	$ 2,480.00	$ 22,000.00	$ 22,000.00
11	Unclassified Excavation	100	CY	$ 20.00	$ 2,000.00	$ 100.00	$ 10,000.00	$ 25.00	$ 2,500.00	$ 23.00	$ 2,300.00	$ 30.00	$ 3,000.00
12	Contaminated Excavation Haul-Off	20	CY	$ 20.00	$ 400.00	$ 25.00	$ 500.00	$ 10.00	$ 200.00	$ 0.01	$ 0.20	$ 10.00	$ 200.00
13	Embankment	20	CY	$ 25.00	$ 500.00	$ 100.00	$ 2,000.00	$ 50.00	$ 1,000.00	$ 19.00	$ 380.00	$ 32.00	$ 640.00
14	Subgrade Compaction	100	SY	$ 25.00	$ 2,500.00	$ 10.00	$ 1,000.00	$ 5.00	$ 500.00	$ 14.00	$ 1,400.00	$ 6.00	$ 600.00
15	Linear Grading	200	LF	$ 14.00	$ 2,800.00	$ 25.00	$ 5,000.00	$ 10.00	$ 2,000.00	$ 55.00	$ 11,000.00	$ 15.00	$ 3,000.00
16	Curb and Gutter (COJ Standard)	3600	LF	$ 25.00	$ 90,000.00	$ 26.00	$ 93,600.00	$ 33.00	$ 118,800.00	$ 38.00	$ 136,800.00	$ 23.00	$ 82,800.00

Item No.	Item Description	No. of Units	Units	Unit Price	Extended Total	Unit Price	Extended Total	Unit Price	Extended Total	Unit Price	Extended Total	Unit Price	Extended Total
17	Curb and Gutter Modified	3900	LF	$ 33.00	$ 128,700.00	$ 26.00	$ 101,400.00	$ 35.00	$ 136,500.00	$ 41.00	$ 159,900.00	$ 23.00	$ 89,700.00
18	Concrete ADA Ramps	5300	SF	$ 17.75	$ 94,075.00	$ 12.00	$ 63,600.00	$ 15.00	$ 79,500.00	$ 21.00	$ 111,300.00	$ 12.00	$ 63,600.00
19	Paved Approach - Residential	13600	SF	$ 7.30	$ 99,280.00	$ 6.00	$ 81,600.00	$ 9.00	$ 122,400.00	$ 9.00	$ 122,400.00	$ 8.00	$ 108,800.00
20	Paved Approach - Commercial	10600	SF	$ 7.90	$ 83,740.00	$ 7.00	$ 74,200.00	$ 10.00	$ 106,000.00	$ 9.50	$ 100,700.00	$ 9.00	$ 95,400.00
21	4" Thick Concrete Sidewalk	69300	SF	$ 6.40	$ 443,520.00	$ 5.50	$ 381,150.00	$ 7.00	$ 485,100.00	$ 6.00	$ 415,800.00	$ 5.75	$ 398,475.00
22	4" Thick Reinforced Concrete Sidewalk	11700	SF	$ 7.00	$ 81,900.00	$ 7.00	$ 81,900.00	$ 7.50	$ 87,750.00	$ 7.00	$ 81,900.00	$ 10.00	$ 117,000.00
23	Tack Coat	1700	GAL	$ 3.15	$ 5,355.00	$ 3.00	$ 5,100.00	$ 3.50	$ 5,950.00	$ 2.95	$ 5,015.00	$ 4.40	$ 7,480.00
24	Prime Coat	2400	GAL	$ 4.30	$ 10,320.00	$ 4.00	$ 9,600.00	$ 2.50	$ 6,000.00	$ 4.10	$ 9,840.00	$ 3.00	$ 7,200.00
25	Milling - 3" Thick or less	21000	SY	$ 2.60	$ 54,600.00	$ 2.50	$ 52,500.00	$ 4.00	$ 84,000.00	$ 2.45	$ 51,450.00	$ 4.65	$ 97,650.00
26	2" Thick Asphalt Surface (SP125C Mix)	3400	TON	$ 70.00	$ 238,000.00	$ 65.00	$ 221,000.00	$ 65.00	$ 221,000.00	$ 65.00	$ 221,000.00	$ 81.30	$ 276,420.00
27	8" Thick Concrete Pavement (Gutter Crossing)	200	SY	$ 66.00	$ 13,200.00	$ 80.00	$ 16,000.00	$ 100.00	$ 20,000.00	$ 96.00	$ 19,200.00	$ 55.00	$ 11,000.00
28	6" Thick MoDOT Type 6 Agg. Base Course	9700	SY	$ 9.50	$ 92,150.00	$ 8.00	$ 77,600.00	$ 10.00	$ 97,000.00	$ 13.00	$ 126,100.00	$ 10.00	$ 97,000.00
29	Pavement Repair	100	SY	$ 20.00	$ 2,000.00	$ 50.00	$ 5,000.00	$ 120.00	$ 12,000.00	$ 90.00	$ 9,000.00	$ 60.00	$ 6,000.00
30	Asphalt Wedge (SP250C Mix)	600	TON	$ 76.60	$ 45,960.00	$ 73.00	$ 43,800.00	$ 75.00	$ 45,000.00	$ 72.30	$ 43,380.00	$ 90.00	$ 54,000.00
31	European Hornbeam (2" Caliper)	6	EA	$ 410.00	$ 2,460.00	$ 400.00	$ 2,400.00	$ 505.00	$ 3,030.00	$ 385.00	$ 2,310.00	$ 440.00	$ 2,640.00
32	Eastern Redbud (1-1/2" Caliper)	2	EA	$ 300.00	$ 600.00	$ 400.00	$ 800.00	$ 400.00	$ 800.00	$ 280.00	$ 560.00	$ 440.00	$ 880.00
33	Yellowwood (2" Caliper)	2	EA	$ 410.00	$ 820.00	$ 400.00	$ 800.00	$ 505.00	$ 1,010.00	$ 385.00	$ 770.00	$ 440.00	$ 880.00
34	Ginko (Male Only Species)	5	EA	$ 500.00	$ 2,500.00	$ 400.00	$ 2,000.00	$ 600.00	$ 3,000.00	$ 470.00	$ 2,350.00	$ 440.00	$ 2,200.00
35	Thornless Honeylocust (2" Caliper)	5	EA	$ 410.00	$ 2,050.00	$ 400.00	$ 2,000.00	$ 505.00	$ 2,525.00	$ 385.00	$ 1,925.00	$ 440.00	$ 2,200.00
36	American Hophornbeam (2" Caliper)	5	EA	$ 410.00	$ 2,050.00	$ 400.00	$ 2,000.00	$ 505.00	$ 2,525.00	$ 385.00	$ 1,925.00	$ 440.00	$ 2,200.00
37	English Oak (2" Caliper)	5	EA	$ 410.00	$ 2,050.00	$ 400.00	$ 2,000.00	$ 505.00	$ 2,525.00	$ 385.00	$ 1,925.00	$ 440.00	$ 2,200.00
38	Northern Red Oak	5	EA	$ 365.00	$ 1,825.00	$ 400.00	$ 2,000.00	$ 465.00	$ 2,325.00	$ 345.00	$ 1,725.00	$ 440.00	$ 2,200.00
39	Shumard Oak	5	EA	$ 365.00	$ 1,825.00	$ 400.00	$ 2,000.00	$ 465.00	$ 2,325.00	$ 345.00	$ 1,725.00	$ 440.00	$ 2,200.00
40	Littleleaf Linden (2" Caliper)	5	EA	$ 365.00	$ 1,825.00	$ 400.00	$ 2,000.00	$ 465.00	$ 2,325.00	$ 345.00	$ 1,725.00	$ 440.00	$ 2,200.00
41	Japanese Zelkova (2" Caliper)	5	EA	$ 380.00	$ 1,900.00	$ 400.00	$ 2,000.00	$ 480.00	$ 2,400.00	$ 360.00	$ 1,800.00	$ 440.00	$ 2,200.00
42	Seeding	9200	SY	$ 1.70	$ 15,640.00	$ 0.65	$ 5,980.00	$ 2.00	$ 18,400.00	$ 9.75	$ 89,700.00	$ 10.00	$ 92,000.00
43	Sodding	500	SY	$ 6.00	$ 3,000.00	$ 6.00	$ 3,000.00	$ 10.00	$ 5,000.00	$ 14.00	$ 7,000.00	$ 12.50	$ 6,250.00
44	Remove and Relocate Existing Signs	25	EA	$ 70.00	$ 1,750.00	$ 65.00	$ 1,625.00	$ 100.00	$ 2,500.00	$ 65.00	$ 1,625.00	$ 330.00	$ 8,250.00
45	Permanent Signage (Stop, Yield)	30	SF	$ 20.00	$ 600.00	$ 17.00	$ 510.00	$ 20.00	$ 600.00	$ 17.00	$ 510.00	$ 25.00	$ 750.00
46	Sign Post Installation	25	EA	$ 375.00	$ 9,375.00	$ 350.00	$ 8,750.00	$ 400.00	$ 10,000.00	$ 350.00	$ 8,750.00	$ 125.00	$ 3,125.00
47	6" White Crosswalk Line	400	LF	$ 9.00	$ 3,600.00	$ 7.00	$ 2,800.00	$ 10.00	$ 4,000.00	$ 6.25	$ 2,500.00	$ 8.00	$ 3,200.00
48	24" Solid White Stop Bar	100	LF	$ 27.00	$ 2,700.00	$ 30.00	$ 3,000.00	$ 40.00	$ 4,000.00	$ 25.00	$ 2,500.00	$ 70.00	$ 7,000.00
	TOTAL BASE BID AMOUNT				**$ 1,976,735.00**		**$ 1,992,015.00**		**$ 2,164,600.00**		**$ 2,173,625.11**		**$ 2,270,190.00**

PAY ITEM	DESCRIPTION	UNIT	AVERAGE QUANTITY	#OF BIDS	AVERAGE PRICE	HIGH BID	LOW BID	TOTAL QUANTITY
5021333	CONCRETE PAVEMENT (9 1/2 IN. NON-REINFORCED, 15 FT. JOINTS)	S.Y.	1956.3	5	64.778	75	60	9781.5
5021334	CONCRETE PAVEMENT (10 1/2 IN. NON-REINFORCED, 15 FT. JOINTS)	S.Y.	34698.4	12	49.968914	66	40.27	416380.8
5021340	TYPE A2 SHOULDER	S.Y.	3763.52407	54	42.042031	123.16	7	203230.3
5021341	TYPE A3 SHOULDER	S.Y.	1621.49259	27	24.707456	97.5	8.1	43780.3
5024008	CONCRETE BASE (8 IN. NON-REINF)	S.Y.	484.4	6	99.716666	129	78	2906.4
5031010A	BRIDGE APPROACH SLAB (MAJOR ROAD)	S.Y.	228.223684	228	232.058657	420	52.5	52035
5031011A	BRIDGE APPROACH SLAB (MINOR ROAD)	S.Y.	123.82866	321	146.41843	450	32	39749
5041000	CONCRETE APPROACH PAVEMENT	S.Y.	625.604444	90	97.031958	250	68	56304.4
5051000	LOW SLUMP CONCRETE WEARING SURFACE	S.Y.	1425	4	95.375	108.5	69	5700
5052000	LATEX MODIFIED CONCRETE WEARING SURFACE	S.Y.	1862.11024	127	99.906103	215	1	236488
5062030A	FURNISHING UNBONDED CONCRETE OVERLAY	C.Y.	15048.6	9	105.133333	138	75	135437.4
5062033	UNBONDED CONCRETE OVERLAY INTERLAYER	S.Y.	60194.2	9	2.101111	3.49	1	541747.8
6022000	STEEL RIGHT-OF-WAY MARKER	EACH	6	5	800	1800	220	30
6042010	ADJUSTING MANHOLE	EACH	3.596774	62	686.868385	2727	175	223
6042020	ADJUSTING BASIN OR INLET	EACH	3.510204	49	1293.54006	3350	314.45	172
6044011	PIPE COLLAR, TYPE A	EACH	2.8375	80	1503.27731	6125	500	227
6044012	PIPE COLLAR, TYPE B	EACH	1.518518	27	1102.68537	2975	500	41
6044013	PIPE COLLAR, TYPE C	EACH	1	16	1733.95563	3761.97	150	16
6046012A	12 IN. SLOTTED DRAIN	L.F.	378.058823	17	100.354978	207.61	67.5	6427
6046018A	18 IN. SLOTTED DRAIN	L.F.	160	6	96.886666	130.82	61	960
6053030A	PIPE AGGREGATE PAVEMENT EDGE DRAIN	L.F.	3622.55	20	16.848148	95	9.3	72451
6054020	OUTLET PIPES AND SPLASH PADS	EACH	8.55	20	1224.21386	2885.15	300	171
6057000	AGGREGATE DRAIN	L.F.	362	14	31.078062	75.8	19.5	5068
6060110	BULLNOSE GUARDRAIL SYSTEM	EACH	2	9	6631.65778	7000	6300	18
6061010	GUARDRAIL TYPE A	L.F.	199.725	40	21.598842	65.1	17.9	7989
6061011A	GUARDRAIL TYPE A, 7 FT. POST, 3 FT. - 1 5 IN SPACING	L.F.	300	3	32.726666	33.05	32.32	900
6061014	GUARDRAIL TYPE A WITH RUBRAIL	L.F.	113	2	39	39	39	226
6061040	GUARDRAIL TYPE D	L.F.	51.095238	21	30.028536	40.8	20.28	1073
6061054	GUARDRAIL TYPE E, 6 FT POST, 6 FT.-3 IN. SPACING	L.F.	359.142857	7	27.375393	35	25.6	2514
6061060	MGS GUARDRAIL	L.F.	2126.85647	634	22.096984	798.75	17	1348427
6061061	MGS GUARDRAIL, 8 FT. POSTS, 6 FT. - 3 SPACING	L.F.	4856.32698	367	24.648184	56	20.54	1782272
6061063	MGS GUARDRAIL, 6 FT. POSTS, 3 FT. - SPACING	L.F.	551.982456	57	31.761271	48	27	31463
6061065	MGS GUARDRAIL, 6 FT. POSTS, 1 FT. - 6.75 IN. SPACING	L.F.	134.891891	37	50.800086	68.51	40.45	4991
6061067	MGS DOUBLE FACED GUARDRAIL	L.F.	276.764705	17	33.856019	43.26	29.65	4705

PAY ITEM	DESCRIPTION	UNIT	AVERAGE QUANTITY	#OF BIDS	AVERAGE PRICE	HIGH BID	LOW BID	TOTAL QUANTITY
7250460	60 IN. CORRUGATED OR SPECIFIED EQUIVALENT SMOOTH INTERIOR PII	L.F.	160	4	101.75	105	95	640
7250472	72 IN. CORRUGATED OR SPECIFIED EQUIVALENT SMOOTH INTERIOR PII	L.F.	814	4	113.875	134	94.5	3256
7252005	CORRUGATED METALLIC-COATED STEEL PIPE-ARCH TYPE B-5	L.F.	59	3	90.756666	117	76.52	177
7252006	CORRUGATED METALLIC-COATED STEEL PIPE-ARCH TYPE B-6/B-6A	L.F.	20	5	199.524	213.2	170	100
7252007	CORRUGATED METALLIC-COATED STEEL PIPE-ARCH TYPE B-7/B-7A	L.F.	39	4	169.4375	203	123.25	156
7252008	CORRUGATED METALLIC-COATED STEEL PIPE-ARCH TYPE B-8/B-8A	L.F.	51	1	120	120	120	51
7252010	CORRUGATED METALLIC-COATED STEEL PIPE-ARCH TYPE B-10/B-10A	L.F.	36	4	218.325	245	168.5	144
7261012	12 IN. PIPE GROUP A	L.F.	651.418604	43	57.28846	250	34	28011
7261015	15 IN. PIPE GROUP A	L.F.	673.472727	55	55.91095	214	32.7	37041
7261018	18 IN. PIPE GROUP A	L.F.	472.119718	142	62.415102	500	26.7	67041
7261021	21 IN. PIPE GROUP A	L.F.	132.5	28	81.893897	205	39.2	3710
7261024	24 IN. PIPE GROUP A	L.F.	290.20168	119	78.096596	240	40	34534
7261030	30 IN. PIPE GROUP A	L.F.	160.40625	64	101.212524	272	49	10266
7261036	36 IN. PIPE GROUP A	L.F.	180.881355	59	112.447207	307	56	10672
7261042	42 IN. PIPE GROUP A	L.F.	42.75	32	146.772383	700	60	1368
7261048	48 IN. PIPE GROUP A	L.F.	154	26	177.752564	305	110	4004
7261060	60 IN. PIPE GROUP A	L.F.	38	4	266.625	317.5	200	152
7261084	84 IN. PIPE GROUP A	L.F.	191	5	314.502	410	240	955
7265018	JACKED 18 IN. CLASS III REINFORCED CONCRETE PIPE CULVERTS (GASKE	L.F.	101.5	8	685.093879	1177.67	310	812
7265024	JACKED 24 IN. CLASS III REINFORCED CONCRETE PIPE CULVERTS (GASKE	L.F.	86.6	15	857.984049	1250	450	1299
7265036	JACKED 36 IN. CLASS III REINFORCED CONCRETE PIPE CULVERT (GASKET	L.F.	130	9	943.972991	1334.74	560	1170
7310048	PRECAST CONCRETE MANHOLE - 48 IN.	L.F.	24.03125	64	402.54143	1250	140	1538
7310060	PRECAST CONCRETE MANHOLE - 60 IN.	L.F.	31.955555	45	453.180646	1200	278	1438
7310072	PRECAST CONCRETE MANHOLE - 72 IN.	L.F.	17.384615	13	664.043893	1100	365	226
7311022	PRECAST CONCRETE DROP INLET 2 FT X 2 FT	L.F.	27.594936	79	533.007041	1584.14	220.4	2180
7311030	PRECAST CONCRETE DROP INLET 3 FT X 2 FT-6 IN.	L.F.	21.5	26	597.023434	1224.75	315	559
7311032	PRECAST CONCRETE DROP INLET 3 FT X 2 FT	L.F.	15.904761	63	579.77972	2000	87	1002
7311033	PRECAST CONCRETE DROP INLET 3 FT X 3 FT	L.F.	18.777777	27	476.639191	1200	268	507
7311042	PRECAST CONCRETE DROP INLET 4 FT X 2 FT	L.F.	68.384615	52	590.210975	1916.79	230	3556
7311052	PRECAST CONCRETE DROP INLET 5 FT X 2 FT	L.F.	21.928571	28	646.897247	1875	285	614
7311053	PRECAST CONCRETE DROP INLET 5 FT X 3 FT	L.F.	33.473118	93	611.163414	7431.73	226	3113
7320012A	12 IN. (300 MM) OR ALLOWED SUBSTITUTE GROUP B FLARED END SEC	EACH	20.363636	11	180.882008	1490	120	224
7320015A	15 IN. (375 MM) OR ALLOWED SUBSTITUTE GROUP B FLARED END SEC	EACH	2.933333	30	329.477954	945	110	88
7320018A	18 IN. (450 MM) OR ALLOWED SUBSTITUTE GROUP B FLARED END SEC	EACH	5.643835	73	392.941893	1606	132.25	412