

# 33 42 Stormwater Conveyance

## 33 42 33 – Stormwater Curbside Drains and Inlets

33 42 33.13 Catch Basins		Crew	Daily Output	Labor-Hours	Unit	Material	2022 Bare Costs		Total	Total Incl O&P
							Labor	Equipment		
3360	20" to 26" wide frame	B-6	11	2.182	Eq.	82	108	30	220	283
3380	30" to 36" wide frame		9	2.667		101	132	36.50	269.50	350
3400	Inverts, single channel brick	D-1	3	5.333		117	267		384	530
3500	Concrete		5	3.200		142	160		302	395
3600	Triple channel, brick		2	8		193	400		593	810
3700	Concrete		3	5.333		161	267		428	575

## 33 42 33.50 Stormwater Management

0010	<b>STORMWATER MANAGEMENT</b>									
0030	Add per S.F. of impervious surface	B-37	6000	.008	S.F.	1.74	.38	.04	2.16	2.54

# 33 52 Hydrocarbon Transmission and Distribution

## 33 52 13 – Liquid Hydrocarbon Piping

### 33 52 13.16 Gasoline Piping

0010	<b>GASOLINE PIPING</b>									
0020	Primary containment pipe, fiberglass-reinforced									
0030	Plastic pipe 15' & 30' lengths									
0040	2" diameter	Q-6	425	.056	L.F.	6.60	3.71		10.31	12.80
0050	3" diameter		400	.060		8.95	3.94		12.89	15.75
0060	4" diameter		375	.064		11.60	4.20		15.80	19
0100	Fittings									
0110	Elbows, 90° & 45°, bell ends, 2"	Q-6	24	1	Eq.	39.50	65.50		105	142
0120	3" diameter		22	1.091		52	71.50		123.50	164
0130	4" diameter		20	1.200		65	79		144	190
0200	Tees, bell ends, 2"		21	1.143		52.50	75		127.50	170
0210	3" diameter		18	1.333		59.50	87.50		147	197
0220	4" diameter		15	1.600		73.50	105		178.50	238
0230	Flanges bell ends, 2"		24	1		28.50	65.50		94	129
0240	3" diameter		22	1.091		35	71.50		106.50	146
0250	4" diameter	Q-6	20	1.200	Eq.	39	79		118	161
0260	Sleeve couplings, 2"		21	1.143		10.85	75		85.85	124
0270	3" diameter		18	1.333		17.10	87.50		104.60	150
0280	4" diameter		15	1.600		19	105		124	178
0290	Threaded adapters, 2"		21	1.143		17.80	75		92.80	132
0300	3" diameter		18	1.333		23	87.50		110.50	157
0310	4" diameter		15	1.600		33	105		138	194
0320	Reducers, 2"		27	.889		24.50	58.50		83	114
0330	3" diameter		22	1.091		24	71.50		95.50	134
0340	4" diameter		20	1.200		32.50	79		111.50	154
1010	Gas station product line for secondary containment (double wall)									
1100	Fiberglass reinforced plastic pipe 25' lengths									
1120	Pipe, plain end, 3" diameter	Q-6	375	.064	L.F.	32.50	4.20		36.70	42.50
1130	4" diameter		350	.069		26.50	4.50		31	36
1140	5" diameter		325	.074		30	4.85		34.85	40.50
1150	6" diameter		300	.080		33	5.25		38.25	44.50
1200	Fittings									
1230	Elbows, 90° & 45°, 3" diameter	Q-6	18	1.333	Eq.	138	87.50		225.50	283
1240	4" diameter		16	1.500		166	98.50		264.50	330
1250	5" diameter		14	1.714		159	113		272	345
1260	6" diameter		12	2		198	131		329	415
1270	Tees, 3" diameter		15	1.600		172	105		277	345
1280	4" diameter		12	2		163	131		294	375