

# 02 41 Demolition

## 02 41 13 – Selective Site Demolition

02 41 13.23 Utility Line Removal					Daily Crew	Output	Labor- Hours	Unit	Material	2022 Bare Costs		Total	Total Incl O&P
										Labor	Equipment		
0010	<b>UTILITY LINE REMOVAL</b>												
0015	No hauling, abandon catch basin or manhole				B-6	7	3.429	Ea.		169	47	216	305
0020	Remove existing catch basin or manhole, masonry					4	6			296	82	378	530
0030	Catch basin or manhole frames and covers, stored					13	1.846			91	25.50	116.50	164
0040	Remove and reset				B-6	7	3.429	Ea.		169	47	216	305
0900	Hydrants, fire, remove only				B-21A	5	8			450	114	564	800
0950	Remove and reset				"	2	20			1,125	286	1,411	2,000
2900	Pipe removal, sewer/water, no excavation, 12" diameter				B-6	175	.137	L.F.		6.75	1.88	8.63	12.15
2930	15"-18" diameter				B-12Z	150	.160			8.25	8.95	17.20	22
2960	21"-24" diameter					120	.200			10.30	11.15	21.45	27.50
3000	27"-36" diameter					90	.267			13.75	14.90	28.65	37
3200	Steel, welded connections, 4" diameter				B-6	160	.150			7.40	2.06	9.46	13.30
3300	10" diameter				"	80	.300			14.80	4.11	18.91	26.50

## 02 41 13.30 Minor Site Demolition

0010	<b>MINOR SITE DEMOLITION</b>				R024119-10								
0100	Roadside delineators, remove only				B-80	175	.183	Ea.		9.15	3.10	12.25	17.05
0110	Remove and reset				"	100	.320	"		16.05	5.40	21.45	30
0800	Guiderail, corrugated steel, remove only				B-80A	100	.240	L.F.		10.95	3.77	14.72	20.50
0850	Remove and reset				"	40	.600	"		27.50	9.45	36.95	51
0860	Guide posts, remove only				B-80B	120	.267	Ea.		12.90	4.75	17.65	24.50
0870	Remove and reset				B-55	50	.480	"		22.50	15.30	37.80	51
1000	Masonry walls, block, solid				B-5	1800	.031	C.F.		1.56	.84	2.40	3.24
1200	Brick, solid					900	.062			3.12	1.68	4.80	6.50
1400	Stone, with mortar					900	.062			3.12	1.68	4.80	6.50
1500	Dry set					1500	.037			1.87	1.01	2.88	3.89
1600	Median barrier, precast concrete, remove and store				B-3	430	.112	L.F.		5.70	6.30	12	15.40
1610	Remove and reset				"	390	.123	"		6.25	6.95	13.20	17
4000	Sidewalk removal, bituminous, 2" thick				B-6	350	.069	S.Y.		3.39	.94	4.33	6.10
4010	2-1/2" thick					325	.074			3.65	1.01	4.66	6.55
4050	Brick, set in mortar					185	.130			6.40	1.78	8.18	11.50
4100	Concrete, plain, 4"					160	.150			7.40	2.06	9.46	13.30
4110	Plain, 5"					140	.171			8.45	2.35	10.80	15.20
4120	Plain, 6"					120	.200			9.90	2.74	12.64	17.70
4200	Mesh reinforced, concrete, 4"					150	.160			7.90	2.19	10.09	14.15
4210	5" thick					131	.183			9.05	2.51	11.56	16.20
4220	6" thick					112	.214			10.60	2.94	13.54	19
4300	Slab on grade removal, plain				B-5	45	1.244	C.Y.		62.50	33.50	96	130
4310	Mesh reinforced					33	1.697			85	46	131	178
4320	Rod reinforced					25	2.240			112	60.50	172.50	234
4400	For congested sites or small quantities, add up to											200%	200%
4450	For disposal on site, add				B-11A	232	.069			3.66	5.80	9.46	11.85
4500	To 5 miles, add				B-34D	76	.105	C.Y.		5.60	8.85	14.45	18.05

## 02 41 13.33 Railtrack Removal

0010	<b>RAILTRACK REMOVAL</b>												
3500	Railroad track removal, ties and track				B-13	330	.170	L.F.		8.40	6.35	14.75	19.50
3600	Ballast				B-14	500	.096	C.Y.		4.59	.66	5.25	7.55
3700	Remove and re-install, ties & track using new bolts & spikes					50	.960	L.F.		46	6.60	52.60	76
3800	Turnouts using new bolts and spikes					1	48	Ea.		2,300	330	2,630	3,775