
APPENDIX D
CONSTRUCTION EQUIPMENT

Yonkers Project Equipment Matrix

Revised May 9, 2007

Note: Estimates are based on average number each type of equipment will be present onsite each day at any given time

Note: Estimates only include diesel equipment

Note: Dump Trucks/Concrete Trucks/Flatbed Trucks indicate maximum number of trucks present onsite at one time

Note: Tower Cranes are all assumed to be electric driven and are not listed here

Note: Cranes listed here are mobile crawlers or wheeled cranes using diesel engines

	Month																														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
Shuttle Buses	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
River Park																															
Demolition Equipment	5	5	5																												
Bulldozers	4	4	4	4	4	4																									
Excavators	5	5	5	5	5	5	3	3	2	2	2	2																			
Dump Trucks	5	6	7	7	7	7	6	6	5	5	4	4	3	3																	
Concrete Trucks	2	5	10	10	10	10	10	10	10	10	10	10	10	10	10	5	5														
Cranes	1	1	2	2	3	3	3	3	3	3	3	2	2	2	1	1	1														
Flatbed Delivery Trucks	3	3	4	4	5	5	5	5	5	8	8	8	8	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	4	4	4
Misc. Remaining Equipment	5	5	5	5	5	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	5	5	5	5	5	5	5	5	5	5	
Palisades Point																															
Pile Drivers	2	2	2																												
Bulldozers	1	1	1	1																											
Excavators	2	2	2	2	2																										
Dump Trucks	3	3	3	3	3	3																									
Concrete Trucks		1	5	5	5	5	5	5	5	5																					
Cranes			1	1	1	1																									
Flatbed Delivery Trucks	2	2	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	2	2	2							
Misc. Remaining Equipment	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2							

Diesel Engine Description

Demolition Equipment	6-Cylinder diesel engine rated at 350 HP
Line Drills	4-Cylinder diesel engine rated at 150 HP
Pile Drivers	6-Cylinder diesel engine rated at 350 HP
Pile Driver Compressor	4-Cylinder diesel engine rated at 150 HP
Bulldozers	6-Cylinder diesel engine rated at 350 HP
Excavators	6-Cylinder diesel engine rated at 350 HP
Dump Trucks	6-Cylinder diesel engine rated at 400 HP
Concrete Trucks	6-Cylinder diesel engine rated at 400 HP
Cranes	6-Cylinder diesel engine rated at 350 HP
Flatbed Delivery Trucks	6-Cylinder diesel engine rated at 400 HP
Misc. Remaining Equipment	4-Cylinder diesel engine rated at 150 HP