

Project Name: Pleasant Dale - NW 56th St.
Project Number: NH-80-8(103)
Project Control No.: 12591

RECYCLED MATERIALS

5/17/2022

Material Cost Average Statewide Values - Updated annually

Average Value of Aggregates	\$28
Average Value of Portland Cement	\$145
Average Value of PG Binders	\$950
Average Value of Fly Ash	\$80

Material Item	Quantitiy	Units	Mass	Material Recycled Detail	% Recycle	Aggregate Mass Recycled	Aggregate Value Recycled	Cement Mass Recycled	Cement Value Recycled	Total Tons of Recycled Material	Value of Recycled Material
Crushed Concrete Foundation Course - 4 Inch	0	sq yd	0	100% Crushed Concrete	100	0	\$0	0.0	\$0	0	\$0
Crushed Concrete Foundation Course - 5 Inch	0	sq yd	0	100% Crushed Concrete	100	0	\$0	0.0	\$0	0	\$0
Crushed Concrete Foundation Course - 6 Inch	0	sq yd	0	100% Crushed Concrete	100	0	\$0	0.0	\$0	0	\$0
Bituminous Foundation Course - 4 Inch	0	sq yd	0	100% RAP	100	0	\$0	0.0	\$0	0	\$0
Bituminous Foundation Course - 5 Inch	0	sq yd	0	100% RAP	100	0	\$0	0.0	\$0	0	\$0
Bituminous Foundation Course - 6 Inch	0	sq yd	0	100% RAP	100	0	\$0	0.0	\$0	0	\$0
Fly Ash for Subgrade or Stabilized Bituminous	0	Ton	0	12 to 15% Typical	100	0	\$0	0.0	\$0	0	\$0
Cement for Stabilization	0	Ton	0	25% Fly Ash in Cement	5.85	0	\$0	0.0	\$0	0	\$0
Concrete for Structures	0	cu yd	0	25% Fly Ash in Cement	5.85	0	\$0	0.0	\$0	0	\$0
Concrete Pavement Repair	0	cu yd	0	25% Fly Ash in Cement	5.85	0	\$0	0.0	\$0	0	\$0
Broken Concrete Rip Rap	0	Tons	0	100% Crushed Concrete	100	0	\$0	0.0	\$0	0	\$0
Concrete for Drives and walks (calcs on 5 inch)	0	sq yd	0	25% Fly Ash in Cement	5.85	0	\$0	0.0	\$0	0	\$0
6 inch Concrete Pavement	0	sq yd	0	25% Fly Ash in Cement	5.85	0	\$0	0.0	\$0	0	\$0
7 inch Concrete Pavement	0	sq yd	0	25% Fly Ash in Cement	5.85	0	\$0	0.0	\$0	0	\$0
8 inch Concrete Pavement	0	sq yd	0	25% Fly Ash in Cement	5.85	0	\$0	0.0	\$0	0	\$0
9 inch Concrete Pavement	0	sq yd	0	25% Fly Ash in Cement	5.85	0	\$0	0.0	\$0	0	\$0
10 inch Concrete Pavement	16338.2	sq yd	8884	25% Fly Ash in Cement	5.85	0	\$0	519.7	\$75,358	520	\$75,358
11 inch Concrete Pavement	0	sq yd	0	25% Fly Ash in Cement	5.85	0	\$0	0.0	\$0	0	\$0
12 inch Concrete Pavement	0	sq yd	0	25% Fly Ash in Cement	5.85	0	\$0	0.0	\$0	0	\$0
13 inch Concrete Pavement	510391.5	sq yd	360783	25% Fly Ash in Cement	5.85	0	\$0	21105.8	\$3,060,342	21106	\$3,060,342
14 inch Concrete Pavement	0	sq yd	0	25% Fly Ash in Cement	5.85	0	\$0	0.0	\$0	0	\$0
Surfacing - any thickness (calculates based on 8")	28432.6	sq yd	12283	RAP Content	40.5	4975	\$139,288	268.6	\$255,195	5243	\$394,483
Type SPS Asphaltic Concrete	0	Tons	0	RAP Content	49.2	0	\$0	0.0	\$0	0	\$0
Type SPR Asphaltic Concrete	0	Tons	0	RAP Content	40.3	0	\$0	0.0	\$0	0	\$0
Type SLX Asphaltic Concrete	18142	Tons	18142	RAP Content	31.3	5395	\$151,047	306.6	\$291,304	5701	\$442,351
Type LC Asphaltic Concrete	0	Tons	0	RAP Content	31.3	0	\$0	0.0	\$0	0	\$0
Type SPH Asphaltic Concrete	0	Tons	0	RAP Content	35	0	\$0	0.0	\$0	0	\$0
Type SRM Asphaltic Concrete	0	Tons	0	RAP Content	45.6	0	\$0	0.0	\$0	0	\$0



Project Raw Materials (Tons)

400,092

Post Consumer Recycle Content in Project Raw Materials (Tons)

32,570

Post Consumer Recycle Content

8%

Estimated Value of Post Consumer Content Recycled

\$3,972,534