Attachment B - Specifications

ROCK 1: SPECIFICATION GRADATION FOR #610 LIMESTONE

GRADATION	SIEVE SIZE	%	PASSING
1-1/2 Inch	37.5 MM	100	100
1 Inch	25.0 MM	85	100
1/2 Inch	12.5 MM	40	75
#4	4.75 MM	15	40

MOISTURE = SENSITY DATA (ASTM D 698-C)

Maximum Density	134.8
Optimum Moisture	7.7

LOS ANGELES ABRASION (ASTM C 131, AASHTO T-96)

Grading	A
% Loss	29.00

FLAT & ELONGATED (ASTM D 4791) 0.0

UNIT WEIGHT – LBS PER CUBIC FOOT (ASTM C 29, AASHTO T-19)

Dry Loose	100.00
Dry Rodded	111.00

SODIUM SULFATE SOUNDNESS (ASTM C 88, AASHTO T-104)

% Loss	9.0

PLASTICITY INDEX (ASTM D 4318) 0.0

Liquid Limit	16.3
Plastic Limit	0.0

ROCK 2: SPECIFICATION GRADATION FOR #57 LIMESTONE

GRADATION	SIEVE SIZE	%	PASSING
1-1/2 Inch	37.5 MM	100	100
1 Inch	25.0 MM	95	100
1/2 Inch	12.5 MM	25	60
#4	4.75 MM	0	10
#8	2.36 MM	0	5

SPECIFIC GRAVITY (ASTM C 127, AASHTO T-85)

Bulk Dry	2.64
Saturated Surface Dry	2.67
Apparent	2.71
Absorption	1.00

LOS ANGELES ABRASION (ASTM C 131, AASHTO T-96)

Grading	A
% Loss	27.00

UNIT WEIGHT – LBS PER CUBIC FOOT (ASTM C 29, AASHTO T-19)

Dry Loose	81.00
Dry Rodded	92.00

SODIUM SULFATE SOUNDNESS (ASTM C 88, AASHTO T-104)

% Loss	3.50

Attachment B - Specifications

ROCK 3: SPECIFICATION GRADATION FOR #1 LIMESTONE (COARSE, 1.5 X 3 INCH)

GRADATION SIEVE SIZE		% PASSING	
4 Inch	100 MM	100	100
3-1/2 Inch	90 MM	90	100
3 Inch	75 MM	-	-
2-1/2 Inch	63 MM	25	60
1-1/2 Inch	37.5 MM	0	15
3/4 Inch	19 MM	0	5

TYPICAL GRADATION SIEVE SIZE

4 Inch	100 MM	100
3-1/2 Inch	90 MM	95
3 Inch	75 MM	91
2-1/2 Inch	63 MM	40
1-1/2 Inch	37.5 MM	10
3/4 Inch	19 MM	1

SPECIFIC GRAVITY (ASTM C 127, AASHTO T-85)

Bulk Dry	2.64
Saturated Surface Dry	2.66
Apparent	2.70
Absorption	.90

LOS ANGELES ABRASION (ASTM C 131, AASHTO T-96)

Grading	A
% Loss	29.00

UNIT WEIGHT – LBS PER CUBIC FOOT (ASTM C 29, AASHTO T-19)

Dry Loose	84.00
Dry Rodded	93.00

SODIUM SULFATE SOUNDNESS (ASTM C 88, AASHTO T-104)

% Loss	1.00

ROCK 4: SPECIFICATION GRADATION FOR SAND/CLAY/GRAVEL AGGREGATE (PIT RUN)

METAL CONTENT: 30 % minimum with 1/4 inch minimum aggregate size. Aggregates below 1/4 inch in diameter will **not** count toward total metal.

FINE PARTICLES: Considered as all sand, clay, other soil types, and aggregates below 1/4 inch shall be of a nature and property that sets up quickly after being spread to form a hard, water-shedding road surface that is not slick. In addition, the material must remain firm and exhibit minimal tendency to form ruts after normal rainfall events. This quality to be determined by agency personnel by visual inspection and/or application of water to freshly spread material.

ROCK 5: FILL DIRT

DEFINED AS: 60/40 Clay/Sand/Dirt with plasticity of 19.