

**VILLAGE OF BINGHAM FARMS
ROAD IMPROVEMENTS PROGRAM
PRELIMINARY OPINION OF TOTAL PROJECT COSTS ACRONYM LEGEND**

Acronym	Meaning
21AA	Gradation of stone (see attached table)
<u>5EML</u> & <u>4EML</u>	A type of designed asphalt mix Mix 5E = fine textured asphalt mix Mix 4E = coarse textured asphalt mix <u>ML</u> = medium/low traffic
Conc.	Concrete
CYD	Cubic Yard
Det	Detail
Det F4	A detail for a specific shape of curb
EA	Each
ENR	Engineering News-Record
FD	Full Depth
HMA	Hot Mixed Asphalt
LFT	Linear Feet
LS	Lump Sum
Pavt.	Pavement
QTY	Quantity
RCOC	Road Commission for Oakland County
Rem.	Remove/Removal
STA	Station (every 100 feet)
SYD	Square Yard

**Table 902-1:
Grading Requirements for Coarse Aggregates, Dense-Graded Aggregates, and Open-Graded Aggregates**

Material Type	Series/ Class	Item of Work by Section Number (Sequential)	Sieve Analysis (MTM 109) Total % Passing ^(a)										LBW (MTM 108) % Passing
			2½ inch	2 inch	1½ inch	1 inch	¾ inch	½ inch	¾ inch	No. 4	No. 8	No. 30	No. 200 ^(h)
Coarse aggregates	6AAA ^(b)	602, 1004	—	—	100	90–100	60 – 85	30–60	—	0–8	—	—	≤1.0 ^(c)
	6AA ^(b)	406, 602, 706, 708, 806, 1004, 1006	—	—	100	95–100	—	30–60	—	0–8	—	—	≤1.0 ^(c)
	6A	206, 401, 402, 406, 602, 603, 706, 806, 1004, 1006	—	—	100	95–100	—	30–60	—	0–8	—	—	≤1.0 ^(c)
	17A	401, 406, 706, 708, 1004	—	—	—	100	90–100	50–75	—	0–8	—	—	≤1.0 ^(c)
	25A		—	—	—	—	100	95–100	60–90	5–30	0–12	—	≤3.0
	26A	706, 712, 1004, 1006	—	—	—	—	100	95–100	60–90	5–30	0–12	—	≤3.0
	29A	1004	—	—	—	—	—	100	90–100	10–30	0–10	—	≤3.0
Dense-graded aggregates	21AA	302, 304, 305, 306, 307	—	—	100	85–100	—	50–75	—	—	20–45	—	4–8 ^{(d)(e)}
	21A	302, 305, 306, 307	—	—	100	85–100	—	50–75	—	—	20–45	—	4–8 ^{(d)(e)}
	22A	302, 305, 306, 307	—	—	—	100	90–100	—	65–85	—	30–50	—	4–8 ^{(d)(e),(f)}
	23A	306, 307	—	—	—	100	—	—	60–85	—	25–60	—	9–16 ^(e)
	23AA	306, 307	—	—	—	100	—	—	60–85	—	25–60	—	9–16 ^(e)