

Flexible Pavements of Ohio

45th Annual Meeting, Equipment Exhibition and
Trade Show

Public Agency Forum

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Hamilton County Engineer

Chair

Asphalt Binder Types

64-22 is standard asphalt, comparable to AC-20. Good for normal traffic or base mix.

64-28 is the liquid for used in heavy intermediate layers. Currently a \$10/cy cost increase from 64-22.

70-22 Modified. Is a stiffer liquid. Good for High Traffic areas. Currently a \$10/cy cost increase from 64-28.

76-22 is a stiffer liquid than 70-22. Used in higher traffic areas. Currently a \$10/cy cost increase from 70-22

Asphalt Mix Types

A Type 2 pavement is comparable to the old 402 intermediate mix. $\frac{3}{4}$ " and below aggregate size.

A Type 1 pavement is comparable to the old 404 surface mix. A finer mix for thin intermediate or surface courses.

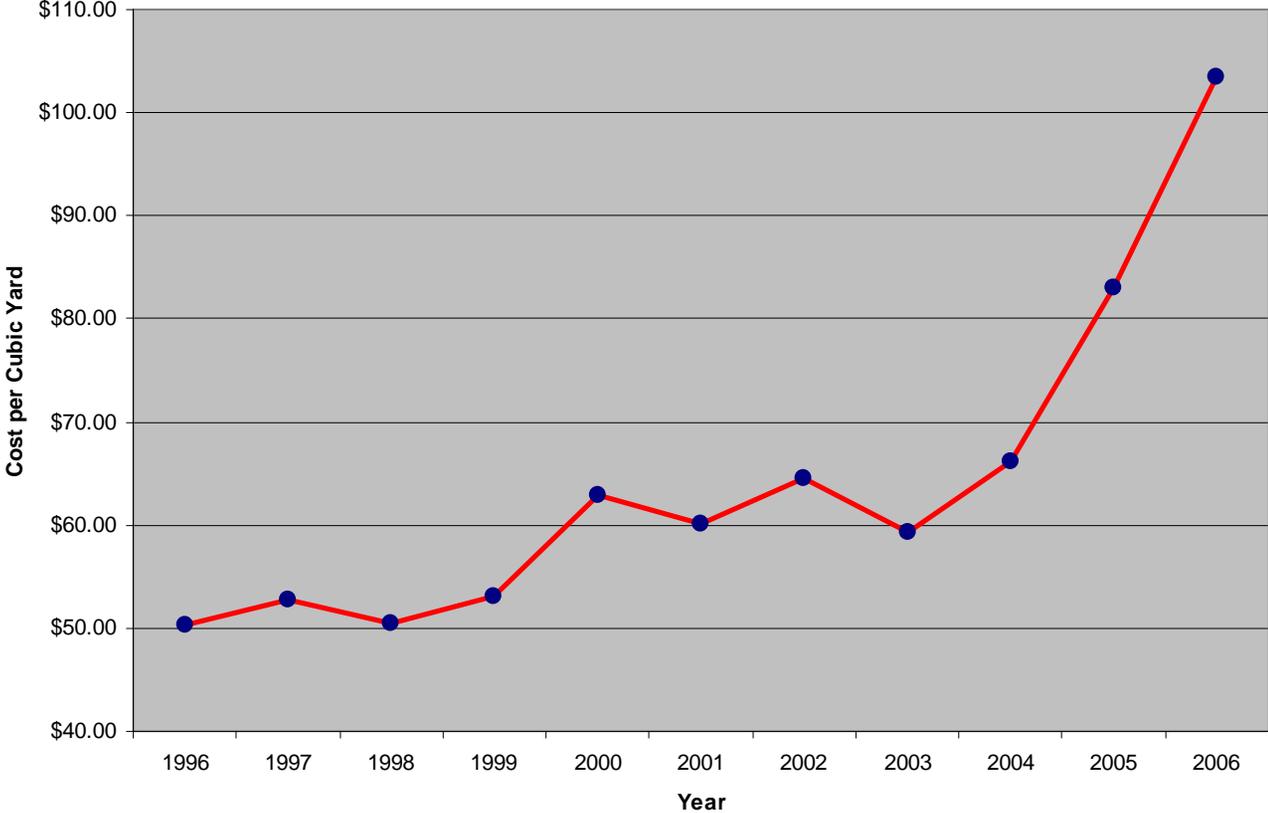
A Type 1H is a heavy-duty surface. Larger aggregate than the Type 1. More rut resistant.

Various Types of Surface Treatments

	Cost per SY
MICRO SURFACING TYPE 1	\$1.45
BLACK MAT MICRO-SURFACING TYPE 2	\$1.50
STRESS ABSORB MEMBRANE INTERLAY	\$1.85
ASPHALT CONCRETE TYPE 1 PG(64-22)	\$1.95
SMOOTH SEAL	\$2.03
ASPHALT CONCRETE TYPE 1 PG(64-28)	\$2.52
ASPHALT CONCRETE TYPE 2 PG(64-28)	\$2.59
ASPHALT CONCRETE TYPE 2 PG(64-22)	\$2.64
ASPHALT CONCRETE TYPE 1H	\$3.80
ASPHALT CONCRETE TYPE 2 PG(64-22)MOD.	\$3.85
STRESS ABSORB MEMBRANE INTERLAY w/ OVERLAY	\$4.37

Hamilton County Treatments	Cost per SY	Life Expectancy	Cost/SY/YR
1.5" SURFACE TYPE 1 PG 64-22	\$2.38	12	\$0.20
MICRO SURFACING	\$1.45	7	\$0.21
2" TYPE 2 MODIFIED PG 64-22	\$3.85	15	\$0.26
PAV'T.PLAN., 1.5" TYPE 1 PG 64-22	\$3.28	12	\$0.27
1.5" TYPE 1H PG 70-22	\$3.84	13	\$0.30
1.5" LEVEL TY 2 PG 64-28, 1.5" SURFACE TYPE 1H PG 70-22	\$5.80	17	\$0.34
PAV'T.PLAN., 1.5" TYPE 1H PG 70-22	\$5.12	15	\$0.34
1" LEVEL TY 1 PG 64-28, 1.5" SURFACE TYPE 1H PG 70-22	\$6.04	17	\$0.36
PAV'T.PLAN., 1" LEVEL PG 64-28, 1.5" TYPE1H PG 70-22	\$7.09	19	\$0.37
S.A.M.I. & BLACK MAT	\$4.45	9	\$0.49
SmoothSeal	\$3.91	5	\$0.78

Historic Hamilton County Asphalt Prices



Hamilton County's Asphalt Adjustment Note

ITEM SPL - ASPHALT BINDER PRICE ADJUSTMENT:

In accordance with the pertinent provision(s) of the CM&S, on a monthly basis, the Contractor is to calculate an asphalt binder price adjustment for each binder type used. The Contractor MUST use ODOT's "Bituminous Price Adjustment Spreadsheet". Each month, the Contractor shall submit the calculations to the Engineer for review and approval.

As indicated in the Unofficial Bid Tabulation, the Engineer has included a MAXIMUM cost for the asphalt binder price adjustment for each of the binder types to be used. The Contractor shall note that in accordance with the applicable sections of the Ohio Revised Code (ORC), particularly ORC Section 5555.69, the Engineer may legally adjust the total price of any single item of work up to a MAXIMUM of Twenty-five Thousand Dollars and zero cents (\$ 25,000.00) and may adjust the total cost of the contract up to a MAXIMUM of ten (10) percent over the contract amount.

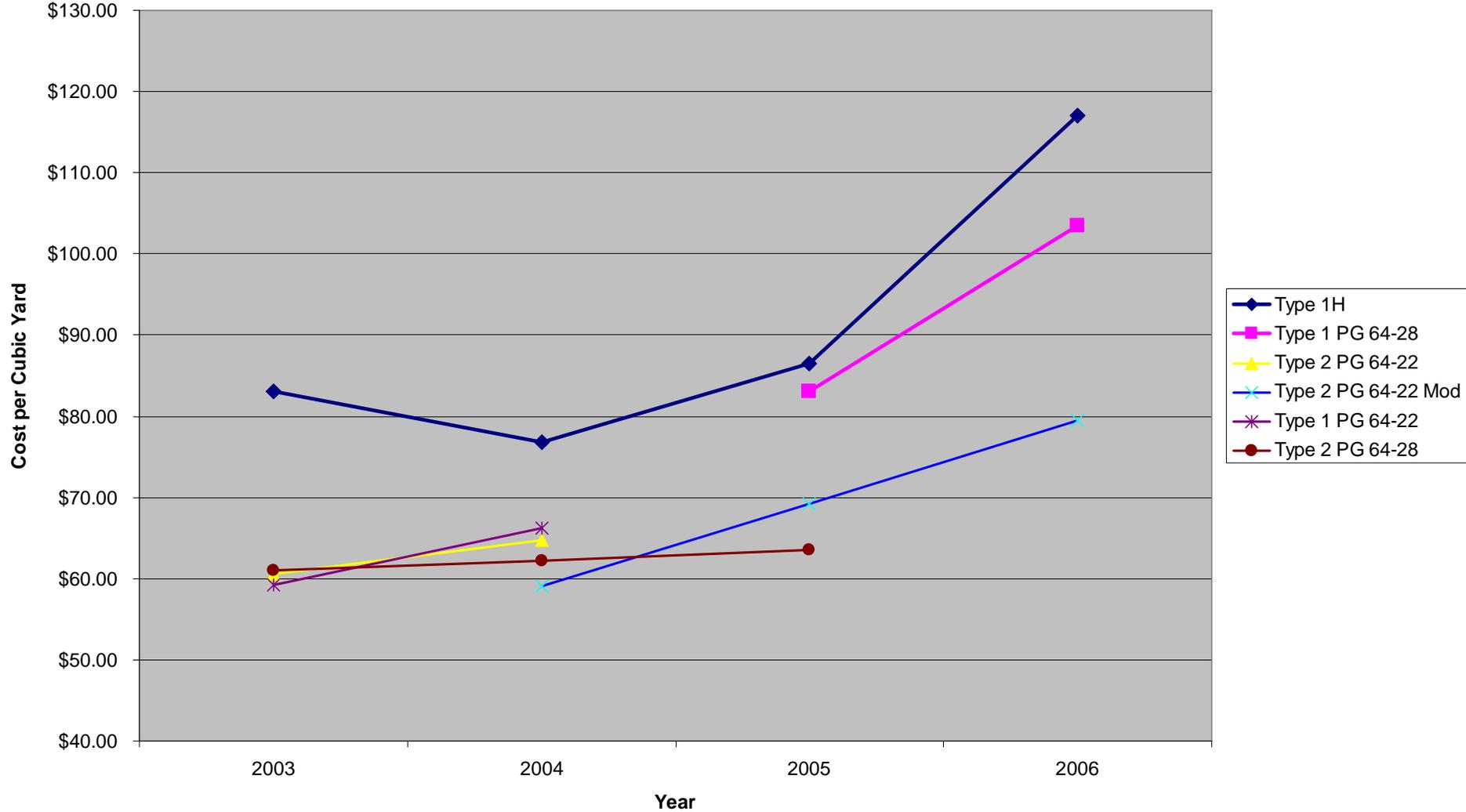
The Contractor shall also note that the costs indicated for the various binder types are NOT a lump sum pay item. The Engineer may ultimately pay ONLY a portion or a percentage of each cost dependent upon the approved final calculations.

2006 Asphalt Binder Adjustment

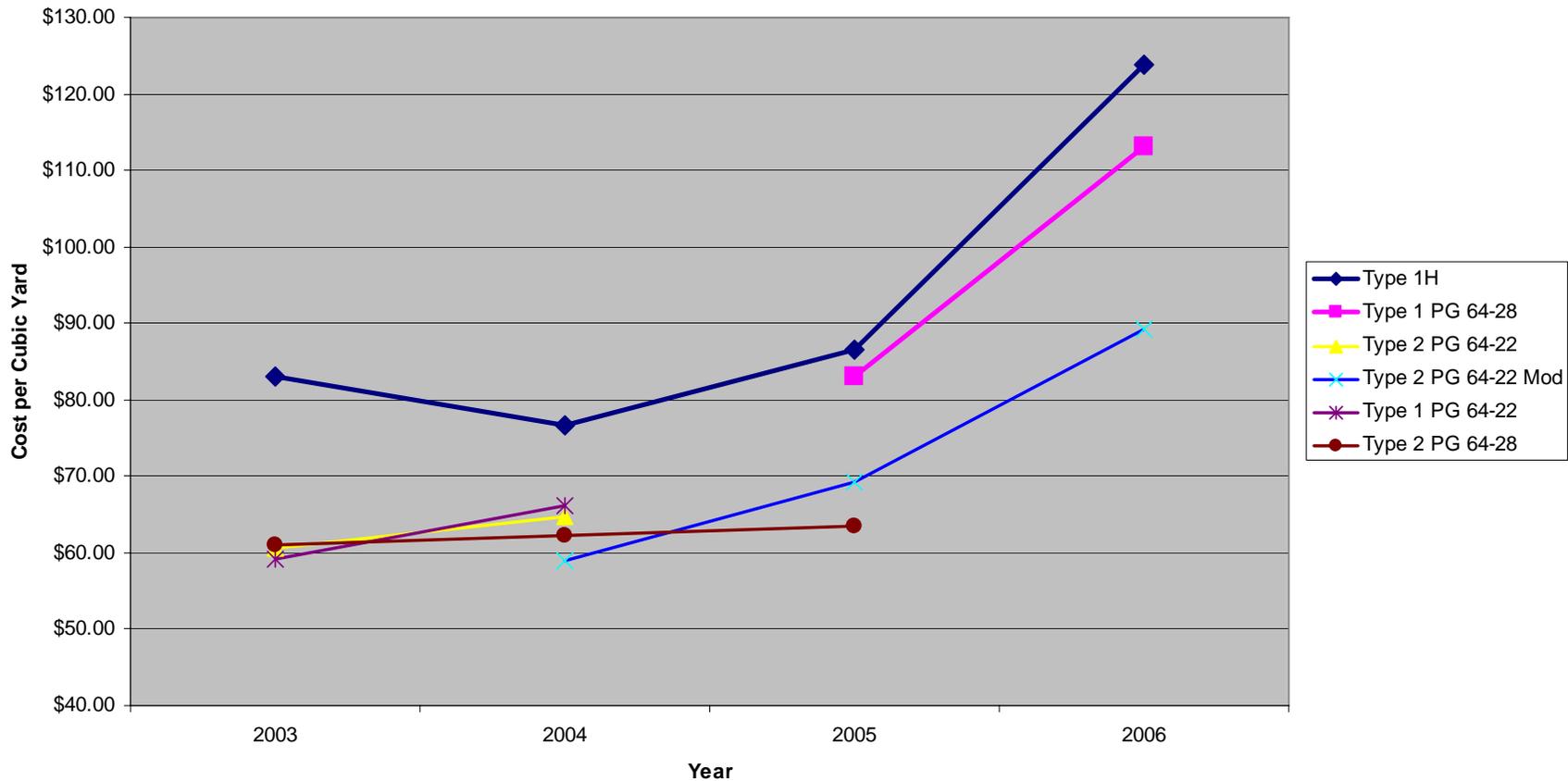
Cost increase per cubic yard

ASPHALT CONCRETE TYPE 1H	\$6.92
ASPHALT CONCRETE TYPE 1 PG(64-28)	\$9.62
ASPHALT CONCRETE TYPE 2 PG(64-22)MOD.	\$9.68

Hamilton County Asphalt Prices w/o Asphalt Binder Adjustment



Hamilton County Asphalt Prices w/ Asphalt Binder Adjustment



Questions or Comments?

Hamilton County Engineer's Office

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