

SECTION LS 402

ASPHALT CONCRETE INTERMEDIATE COURSE

PART 1 – GENERAL

1.1 DESCRIPTION

- A. This work shall consist of constructing an intermediate course of aggregate and asphalt cement mixed in a central plant and spread and compacted on a prepared surface in accordance with these specifications and in reasonably close conformity with the lines, grades and typical sections shown on the plans or established by The City of Lakewood.

The general Asphalt Concrete Pavement specifications, LS 401, shall apply; deviations from these are as follows.

PART 2 – PRODUCTS

2.1 COMPOSITION

- A. Coarse aggregate and fine aggregate shall be combined in such proportion that the resulting blend shall be as directed by The City of Lakewood but within the following limits:

Sieve	Total Passing, % by Wt.
1½ inch	100
1 inch	95 to 100
¾ inch	85 to 100
½ inch	65 to 85
No. 4	35 to 60
No. 8	25 to 48
No. 16	16 to 36
No. 30	12 to 30
No. 50	5 to 18
No. 100	2 to 10
Asphalt Binder:	4.0 to 9.0 percent of total mix
F/A Ratio, max:	1.2, using effective asphalt binder content
Blows:	50 (AASHTO T 245)
Stability, min., pounds: (N):	1200 (AASHTO T 245) (5338)
Flow, 0.25 mm:	8 to 16 (AASHTO T 245)
Design Air Voids:	4%, per ODOT Supplement 1036
VMA, min.:	13% per ODOT Supplement 1037

PART 3 – EXECUTION

3.1 SPREADING AND FINISHING

- A. Where the mixture is placed for correcting irregularities in the existing pavement, the maximum compacted depth of any one (1) layer shall be three (3) inches.
- B. Surface Tolerances:

The variation of the surface from the testing edge of the 10-foot straightedge shall not exceed 1/4 inch. Variations in excess of slope or surface tolerances shall be corrected by adding or removing material in a manner satisfactory to The City of Lakewood.

PART 4 – PAYMENT

4.1 METHOD OF MEASUREMENT

- A. The City of Lakewood will measure and pay for Asphalt Concrete Intermediate Course by the actual Cubic Yards installed.

4.2 BASIS OF PAYMENT

- A. Payment for accepted quantities, complete in place, will be made at the contract price for:

<u>Item</u>	<u>Unit</u>	<u>Description</u>
LS 402	Cubic Yard	Asphalt Concrete Intermediate Course, PG _____

END OF SECTION LS 402