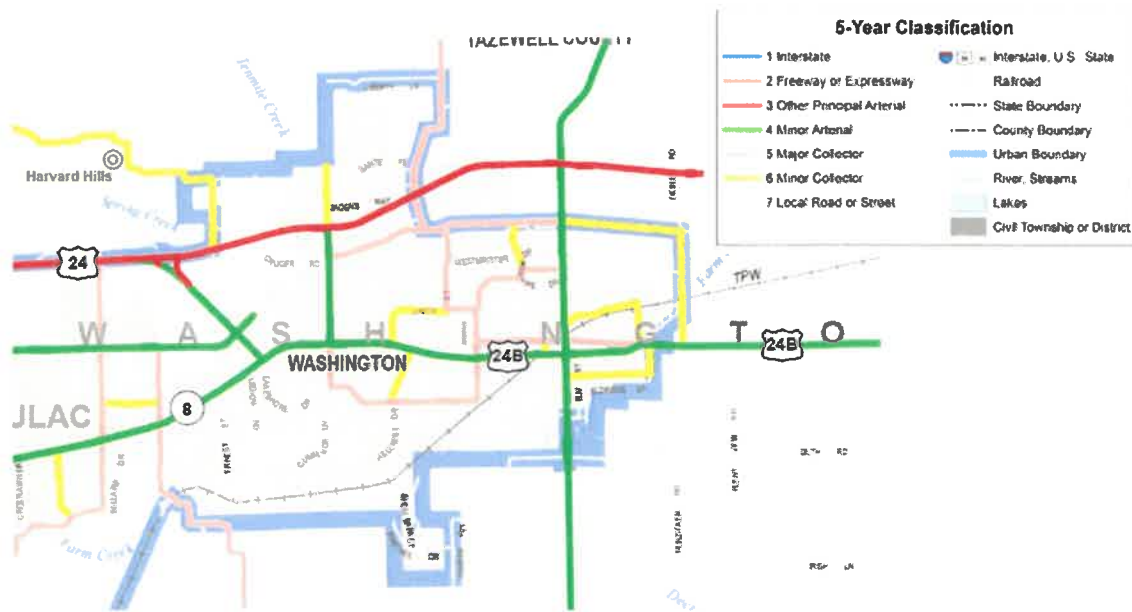




Memo

TO: Public Works Committee
FROM: Ed Andrews, Public Works Director
DATE: April 28, 2017
SUBJECT: Subdivision Code Review – Upfront Designation of Collector Roadways

A review of roadways within our City finds that some residential streets have evolved into collector roadways as the City has grown. Currently these include streets such as Gillman, Devonshire, Westgate. See the following IDOT / FHWA functional classification map below:



While our current City Code encourages interconnectivity between developments, it does not specifically require developers to designate which roadways might be subject to higher traffic volumes and consequently increase those to the City's Collector Street Std#002 with 4" of asphalt rather than a Residential Street Std#003 with 3", as well as increased paving and right of way widths.

Discussions amongst staff find that a typical single family home generates approximately 10 trips per day, the Institute of Traffic Engineers (ITE) uses 9.57. Presuming that a Local Road /

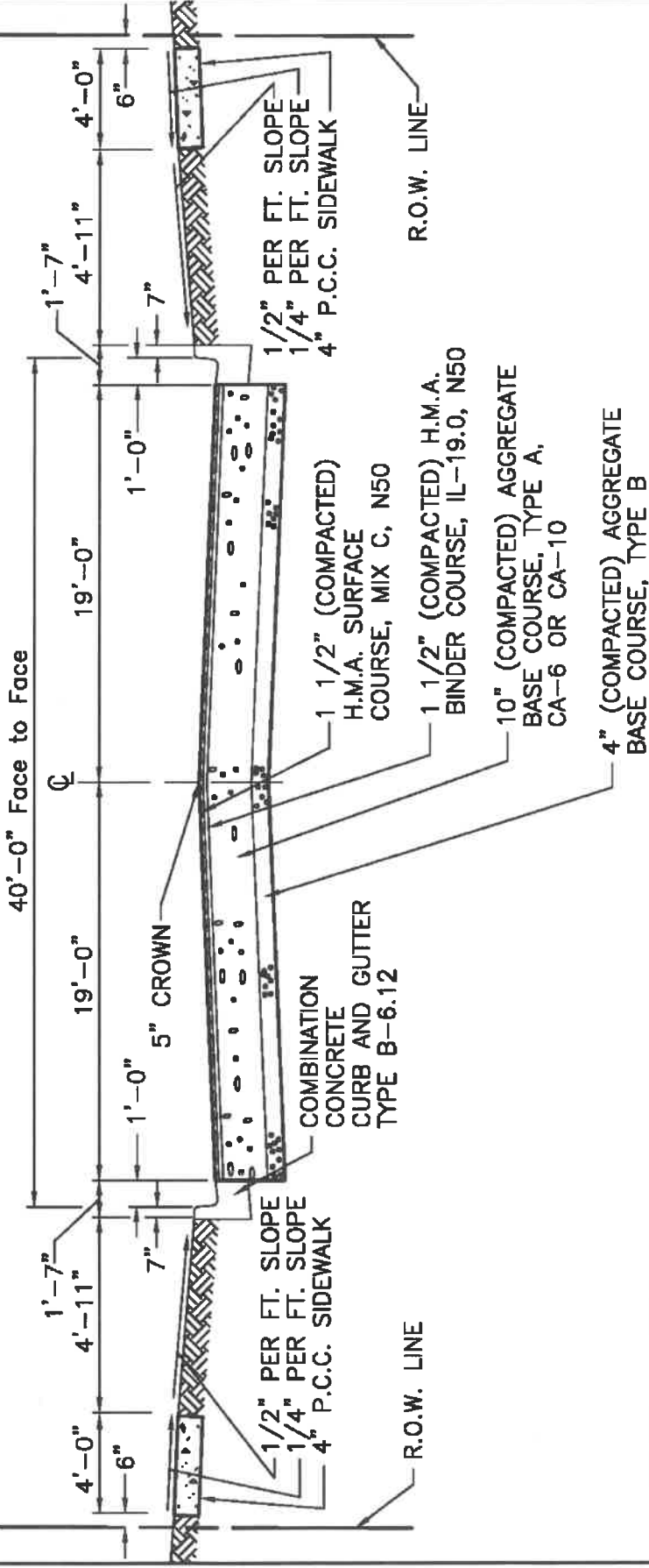
Residential Street crests into a Collector at 1000 cars per day, these might be roadways connecting at least 100 homes.

Staff asks for Committee's input on the further review and study of this matter. This matter has been placed on the agenda for the Public Works Committee of May 1, 2017 for review and discussion.

cc: File

ROADWAY TYPICAL SECTION SECONDARY STREET (ASPHALT)

60' R.O.W.



GENERAL NOTES:

1. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" CURRENT EDITION AND SUPPLEMENTAL SPECIFICATIONS, UNLESS OTHERWISE DIRECTED BY THE CITY ENGINEER.
2. EXPANSION JOINTS SHALL BE INSTALLED IN SIDEWALKS AT ALL PROPERTY LINES.
3. PROOF-ROLL SUBGRADE AND AGGREGATE BASE COURSE IN THE PRESENCE OF THE CITY ENGINEER.

NOTE: ALTERNATE

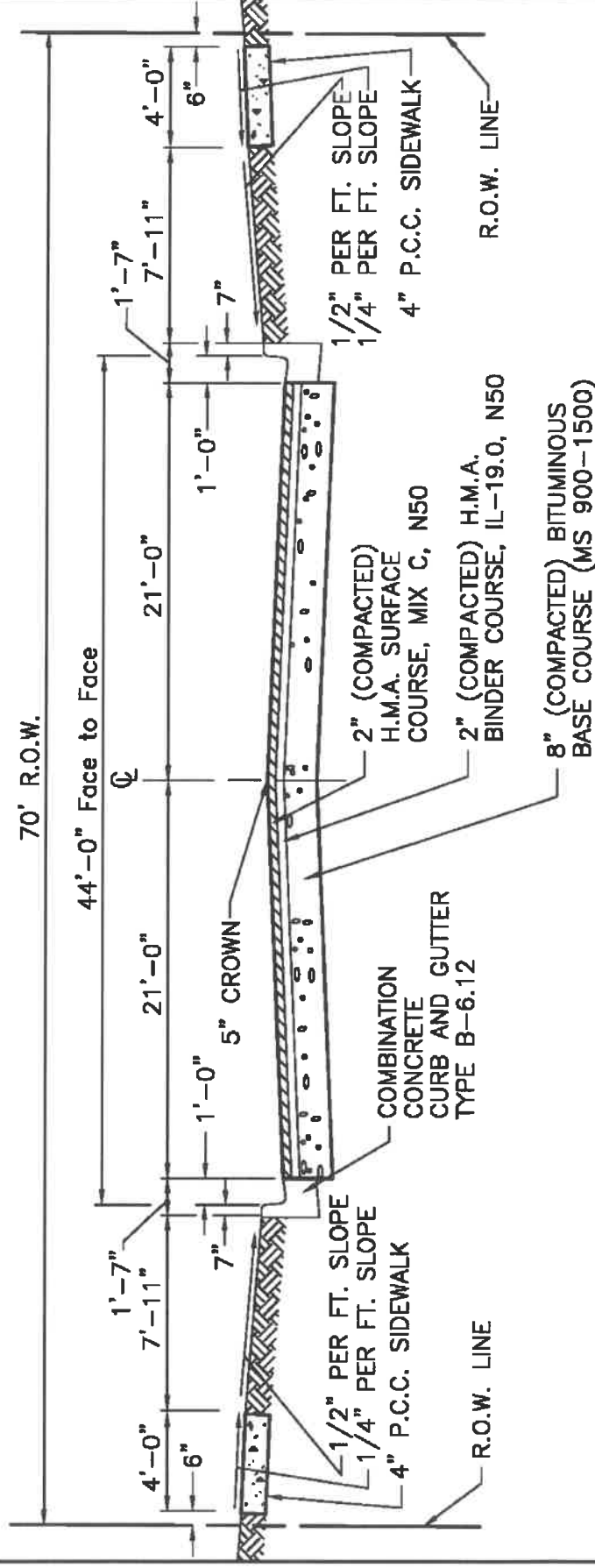
- 1 1/2" (COMPACTED) H.M.A. SURFACE COURSE, MIX C, N50.
- 1 1/2" H.M.A. (COMPACTED) BINDER COURSE, IL-19.0, N50
- 7" (COMPACTED) BITUMINOUS BASE COURSE (MS 1000-1200)

City Of Washington

CONSTRUCTION STANDARD

DATE:	STANDARD NO.
FEB. 2008	002

ROADWAY TYPICAL SECTION **COLLECTOR/DISTRIBUTOR STREET (ASPHALT)**



GENERAL NOTES:

1. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" CURRENT EDITION AND SUPPLEMENTAL SPECIFICATIONS, UNLESS OTHERWISE DIRECTED BY THE CITY ENGINEER.
2. EXPANSION JOINTS SHALL BE INSTALLED IN SIDEWALKS AT ALL PROPERTY LINES.
3. PROOF-ROLL SUBGRADE IN THE PRESENCE OF THE CITY ENGINEER.

City Of Washington

CONSTRUCTION STANDARD

DATE:	STANDARD NO.
FEB. 2008	003