

FREDERICK COUNTY STREET NAME SIGN SPECIFICATIONS

The following pages contain information about the county's specifications for the manufacture, installation of county street name signs, mounting hardware, etc. to be utilized as well as how the signs shall be installed at intersections and, on primary and secondary roads in accordance with the Virginia Department of Transportation's specifications.

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N TRAFFIC DR

9" HEIGHT

HORIZONTAL: 30" MINIMUM LENGTH FOR 9" HIGH SIGNS
48" MAXIMUM LENGTH FOR 9" HIGH SIGNS
VERTICAL: 9" HEIGHT
MESSAGE: PREFIX AND SUFFIX: 3" CAPITALS
ROAD NAME: 6" CAPITALS

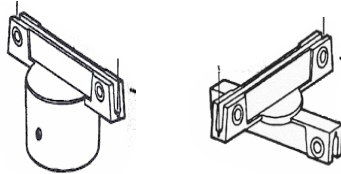
N TRAFFIC DR

6" HEIGHT

HORIZONTAL: 24" MINIMUM LENGTH FOR 6" HIGH SIGNS
42" MAXIMUM LENGTH FOR 6" HIGH SIGNS
VERTICAL: 6" HEIGHT
MESSAGE: PREFIX AND SUFFIX: 2" CAPITALS
ROAD NAME: 4" CAPITALS

9" AND 6" STREET NAME SIGNS

SHAPE: HORIZONTAL RECTANGLE
COLOR: MESSAGE: WHITE
FIELD: GREEN HIGH INTENSITY REFLECTORIZED SIGN SHEETING
(3M MATERIALS)
PLATE: ETCHED ALUMINUM -0.08" THICK
6061 T6 ALLOY OR MEETS VDOT SPECS
EXTRUDED TYPE



CAPS AND CROSS PIECES 809EX

CAP: 5/16" X 3/4" OR 1" BOLT THROUGH - 2 PLACES
5/16-18" X 3 1/2" TUF BOLTS - 1 PLACE
TUFNUT: 5/16" VANDAL-PROOF TUFNUT: TN31 - 1 PLACE
CROSS PIECE: 5/16" X 3/4" OR 1" BOLT - 4 PLACES

SIGNS SHALL BE DRILLED TO ACCOMMODATE BOLT-THROUGH HARDWARE UTILIZED FOR INSTALLATION IN CAP AND CROSSPIECE.

TUF BOLT(TB25) [TOP]
TUF NUT(TN31)[LF] TUF NUT BOLT/NUT
WASHER[RF]



(SIGNS TO MOUNTED ON TOP OF POLES USING 809EX CAPS AND CROSS PIECES. SIGNS SHALL BE DRILLED TO ACCOMMODATE BOLT-THROUGH HARDWARE UTILIZED FOR INSTALLATION IN CAP AND CROSSPIECE.

POLE SHALL BE DRILLED (IF NECESSARY) TO ACCOMMODATE INSTALLATION OF CAP UTILIZING TUF BOLT AND TUF NUT.

TOTAL UNIT HEIGHT SHALL BE 8' FROM GRADE TO TOP OF SIGN.

SOCKET

- 2 -7/8" O.D. X 12 GAUGE GALVANIZED TUBING
- 27" LENGTH
- ASTM A-787
- WEIGHT - 7.2 POUNDS

WEDGE

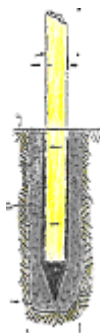
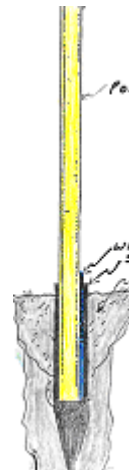
- 3 -1/2" X 8 - 1/2" GAUGE GALVANIZED SHEET
- ASTM 1-526 G-90
- WEIGHT - 1.0 POUND

SOCKETS AND WEDGES SHALL BE DRIVEN FULLY INTO GROUND, WITH LIP FLUSH WITH GROUND LINE.

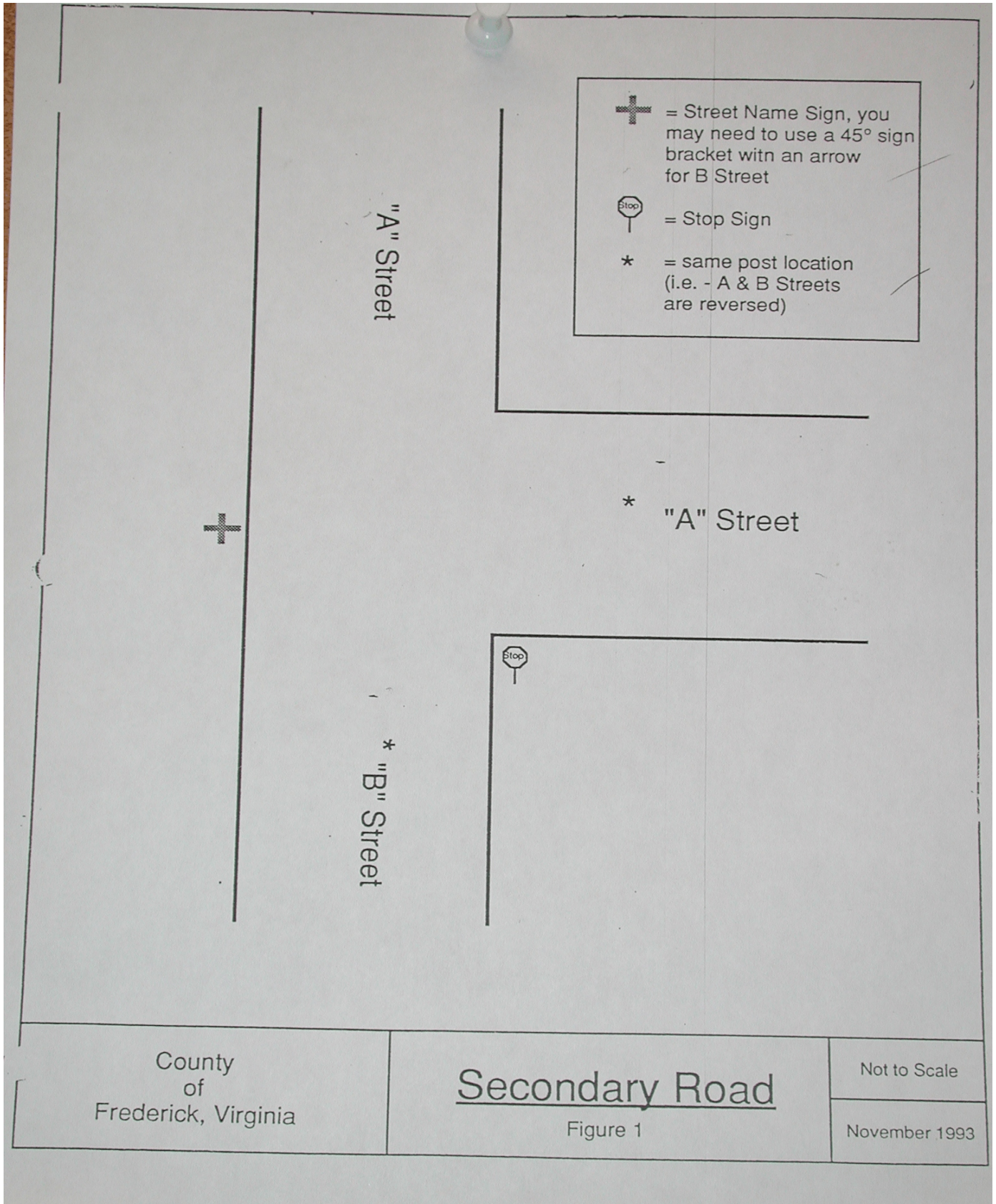
INSTALLATION OF SOCKETS THAT WILL SUPPORT 9" SIGNS WILL RESULT IN MINOR EXCAVATION.

CONCRETE REQUIRED - APPROXIMATELY 4-5 ROUNDED SHOVELS-FULL ADDED PER HOLE.

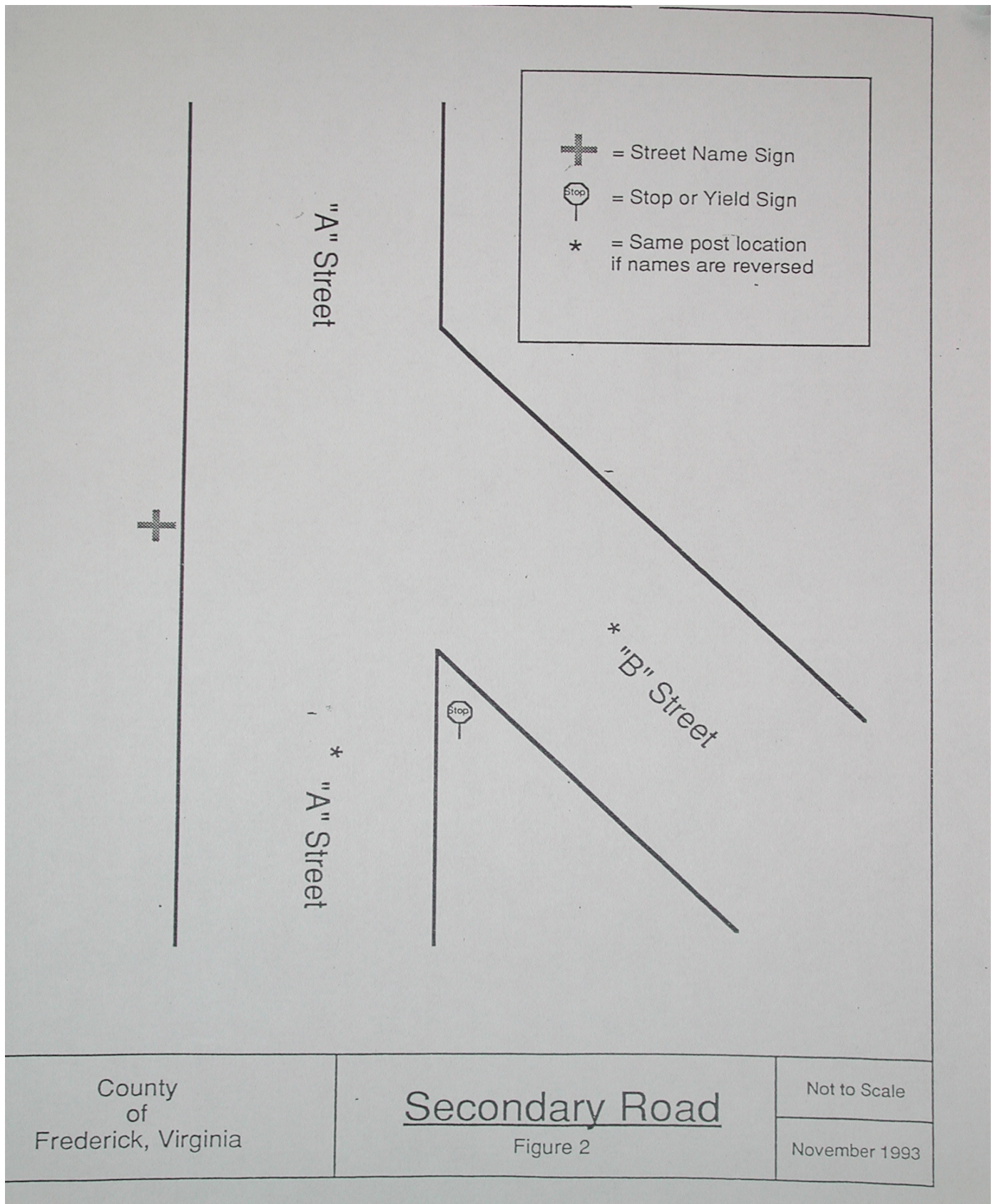
24 HOUR CURING PERIOD REQUIRED PRIOR TO SETTING POST.



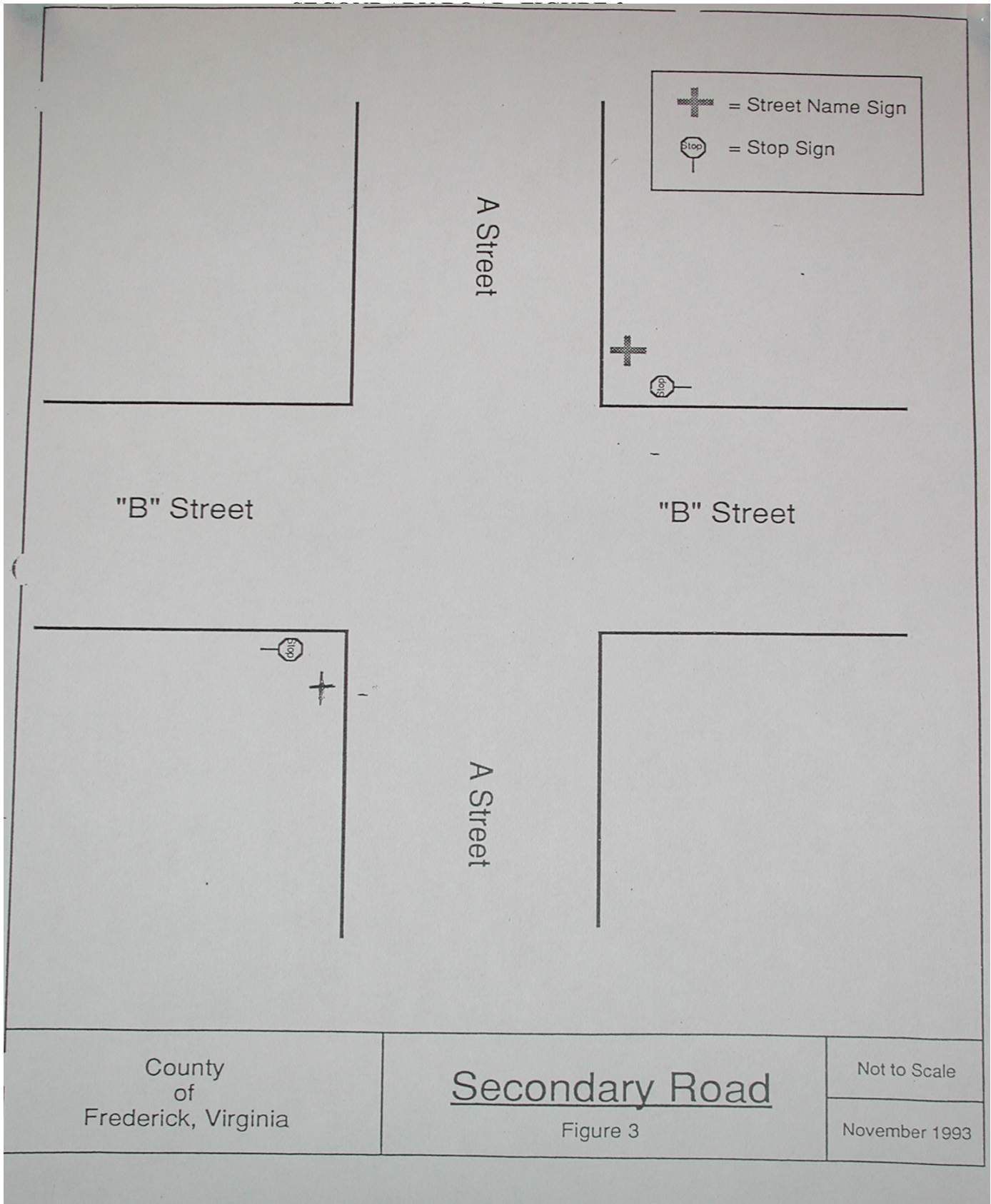
VIRGINIA DEPARTMENT OF TRANSPORTATION
SECONDARY ROAD, FIGURE 1



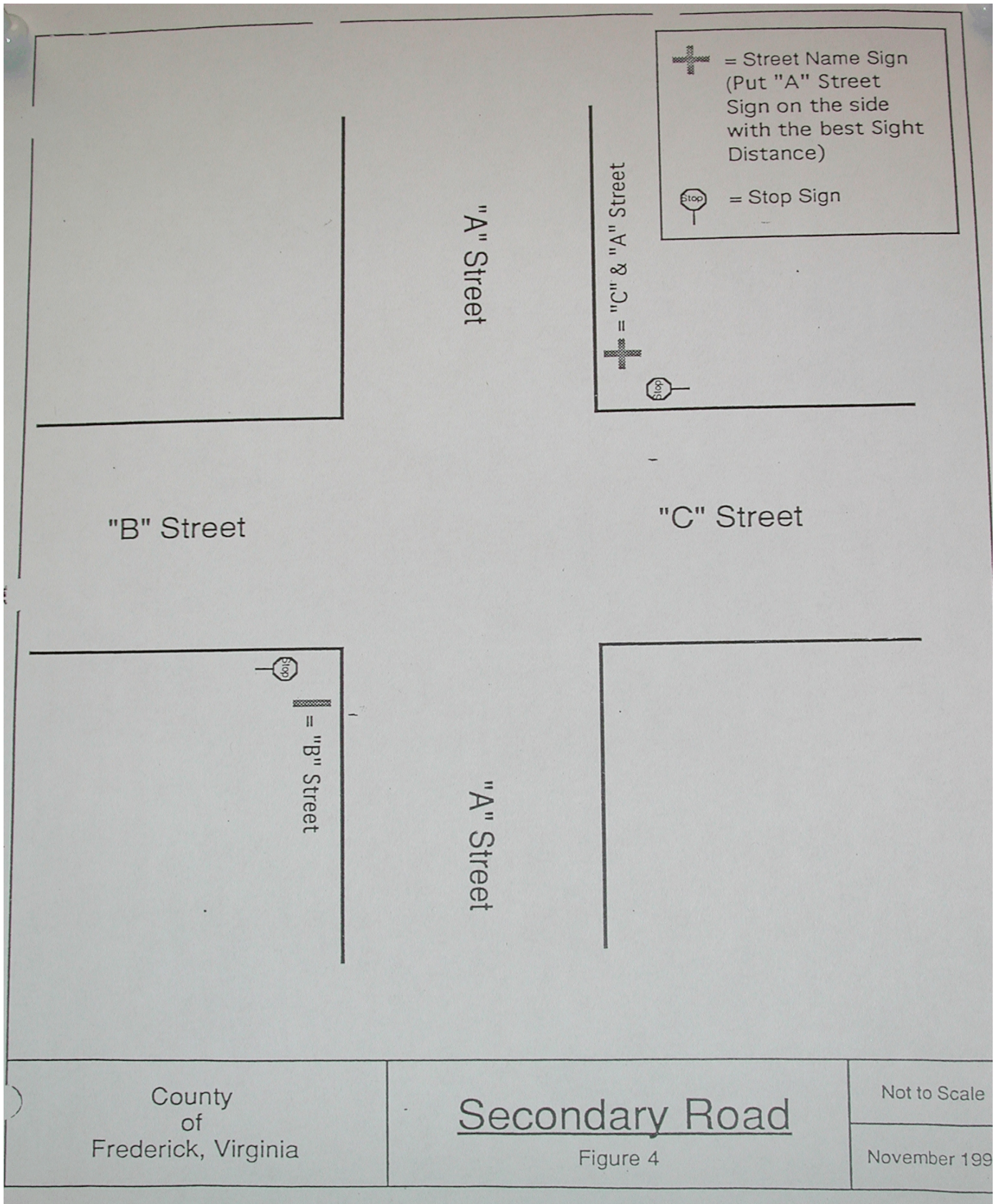
**VIRGINIA DEPARTMENT OF TRANSPORTATION
SECONDARY ROAD, FIGURE 2**



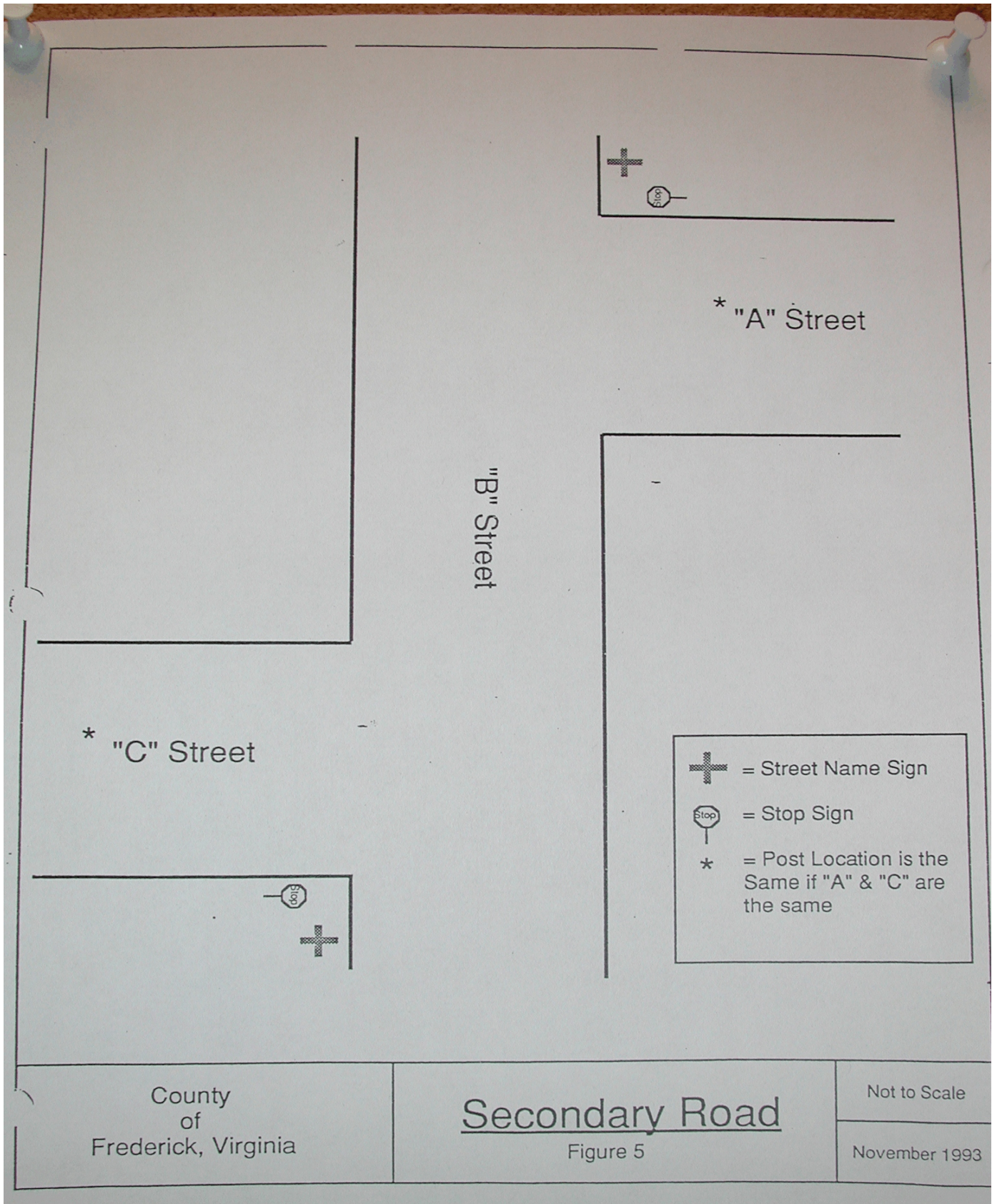
VIRGINIA DEPARTMENT OF TRANSPORTATION



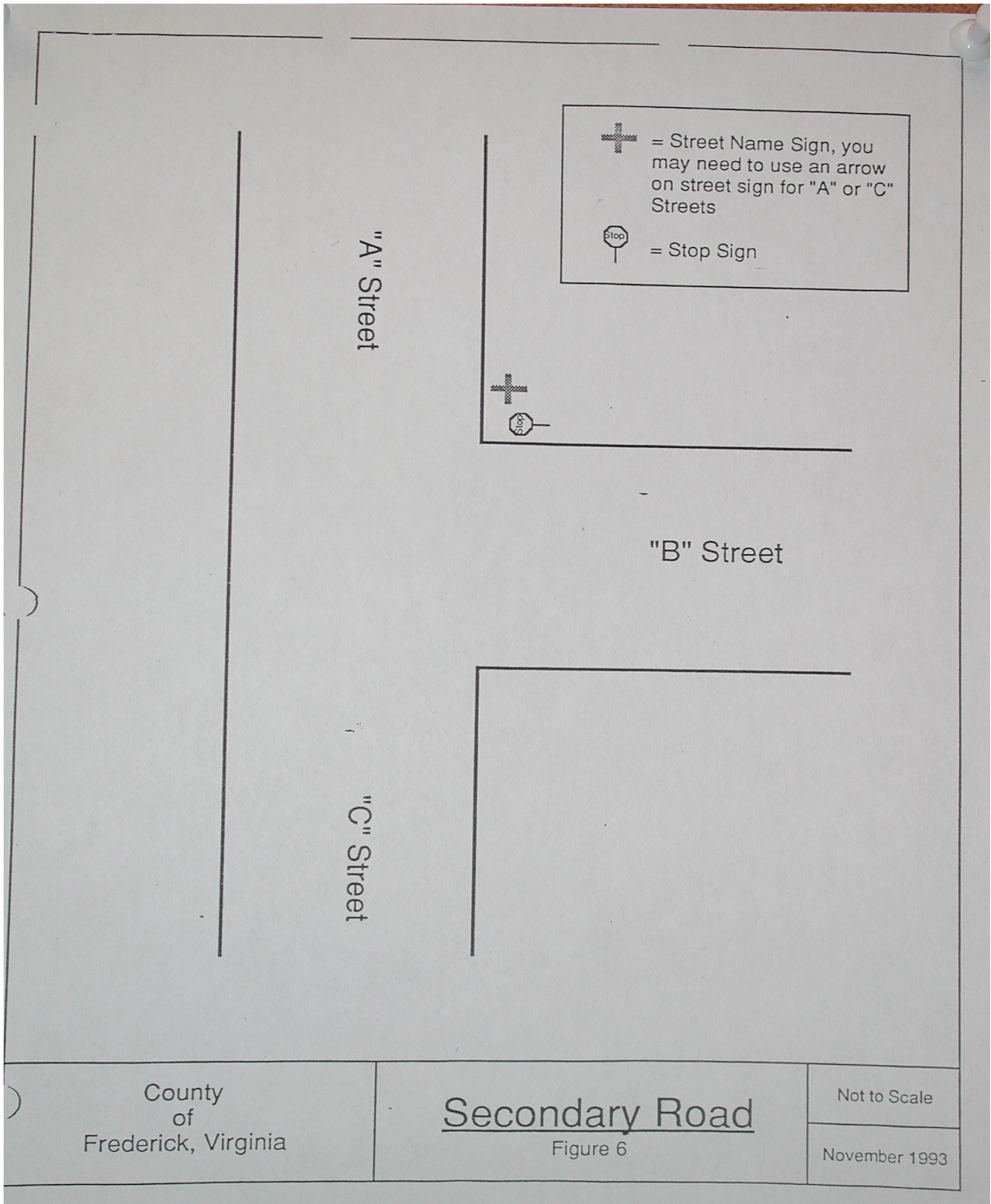
**VIRGINIA DEPARTMENT OF TRANSPORTATION
SECONDARY ROAD, FIGURE 4**



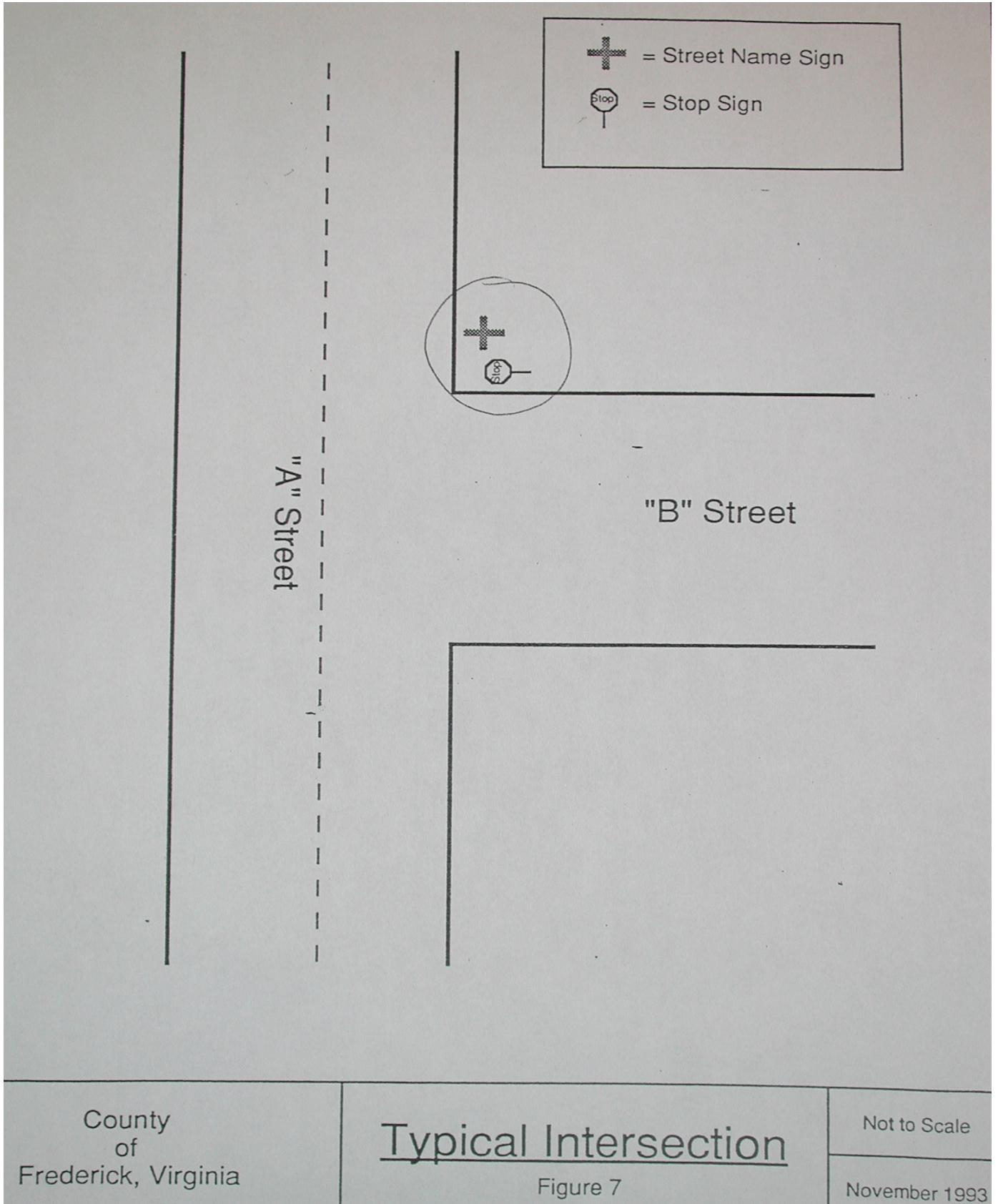
VIRGINIA DEPARTMENT OF TRANSPORTATION
SECONDARY ROAD, FIGURE 5



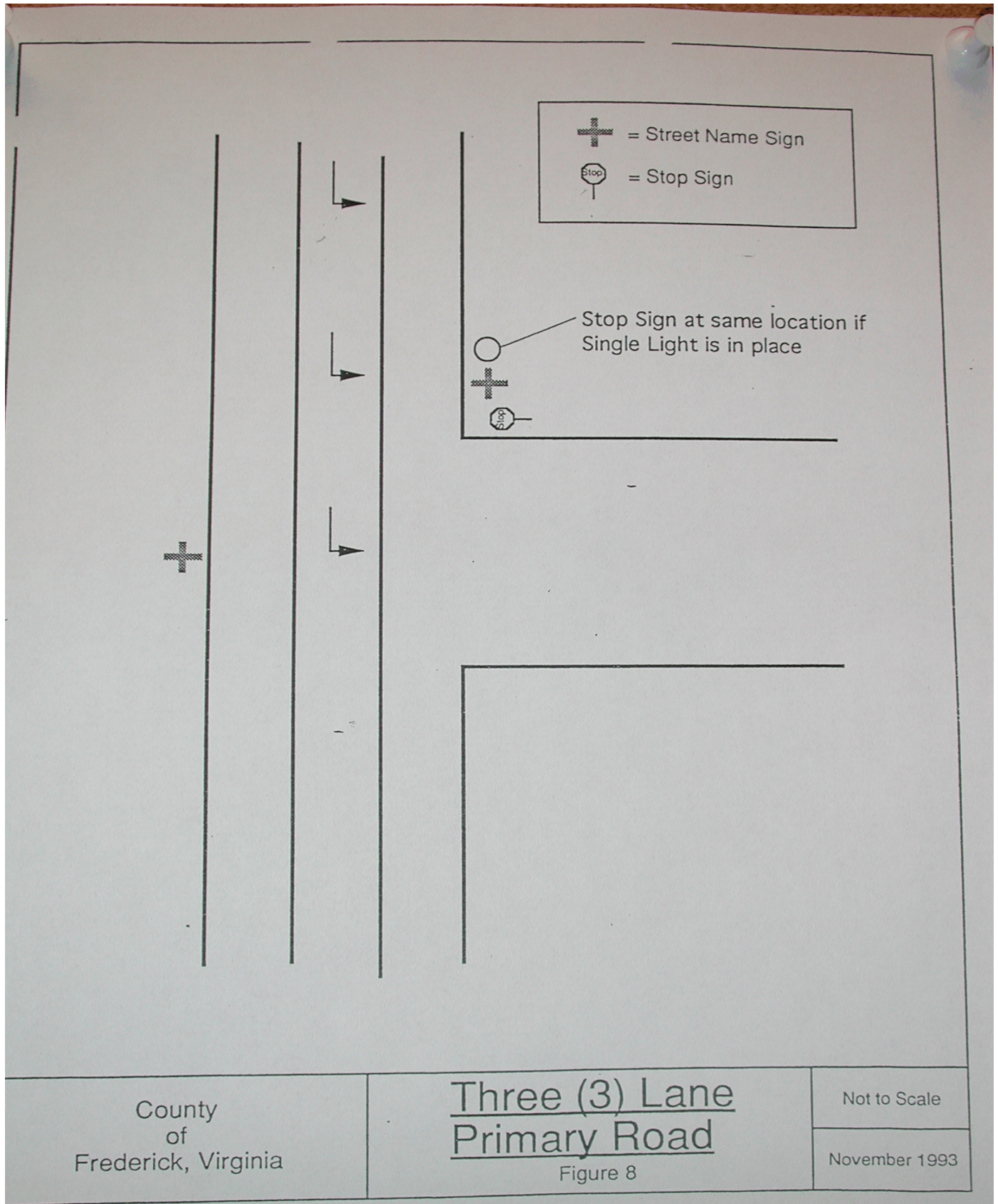
VIRGINIA DEPARTMENT OF TRANSPORTATION
SECONDARY ROAD, FIGURE 6



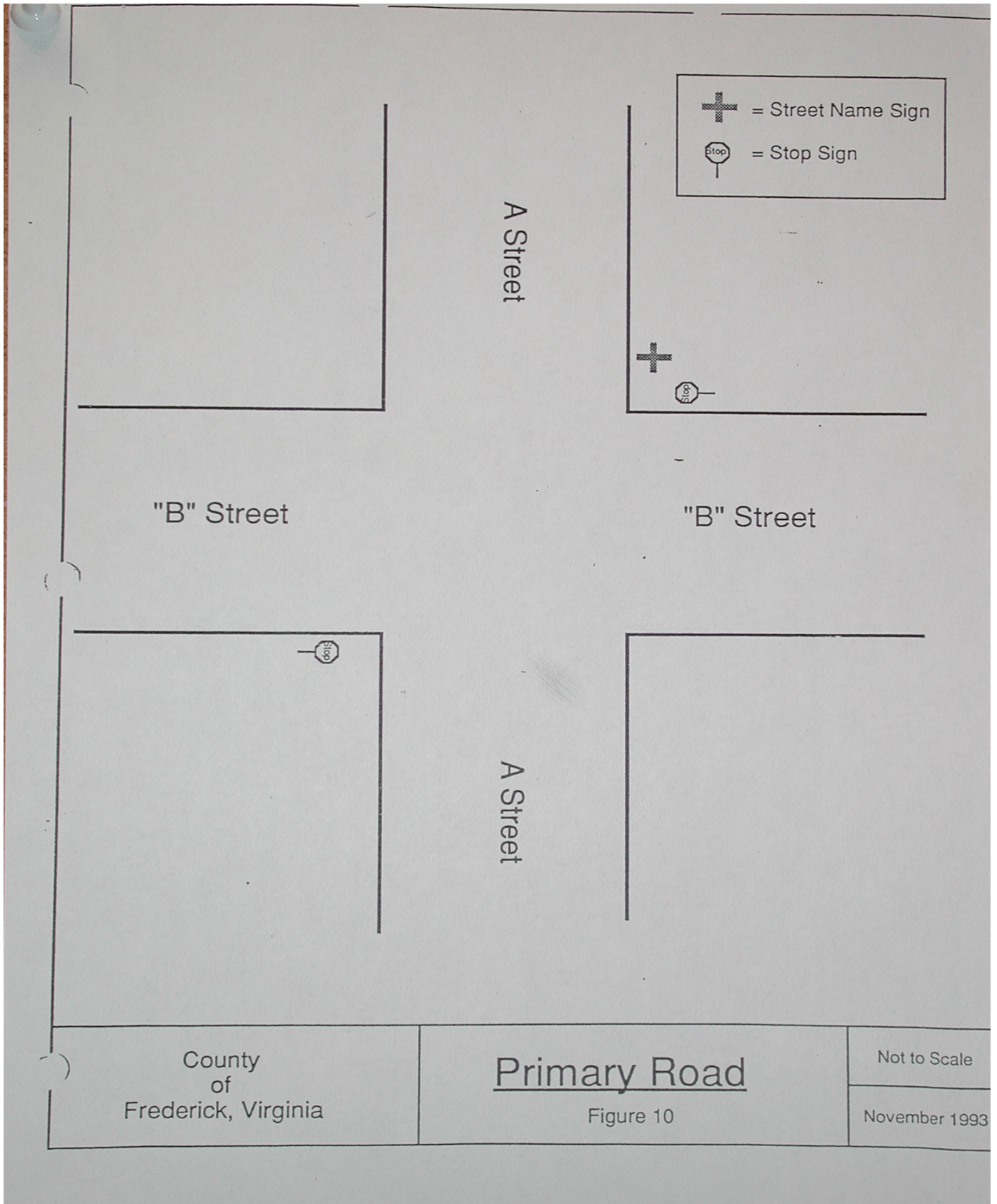
VIRGINIA DEPARTMENT OF TRANSPORTATION
TYPICAL INTERSECTION, FIGURE 7



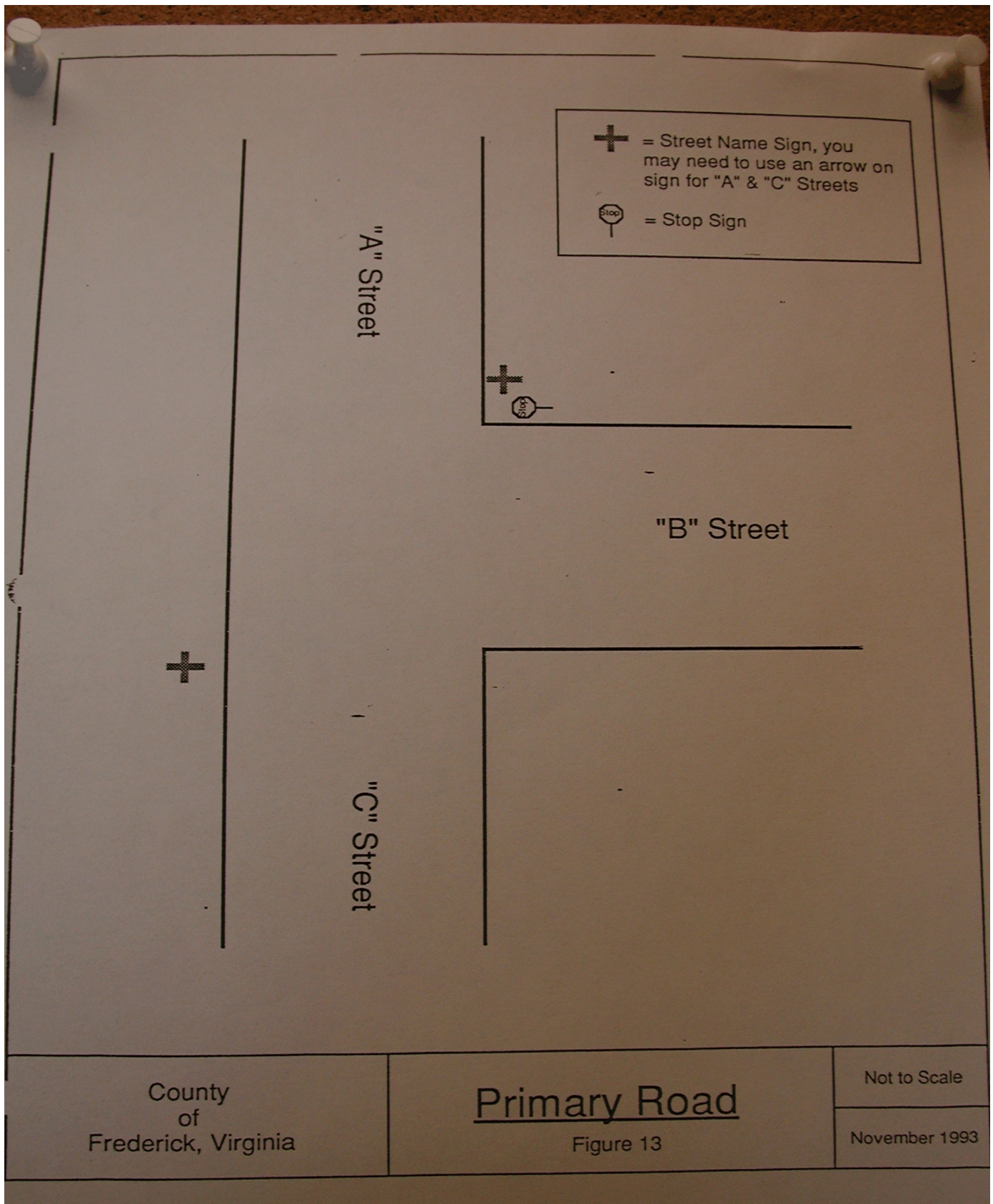
**VIRGINIA DEPARTMENT OF TRANSPORTATION
THREE LANE PRIMARY ROAD, FIGURE 8**



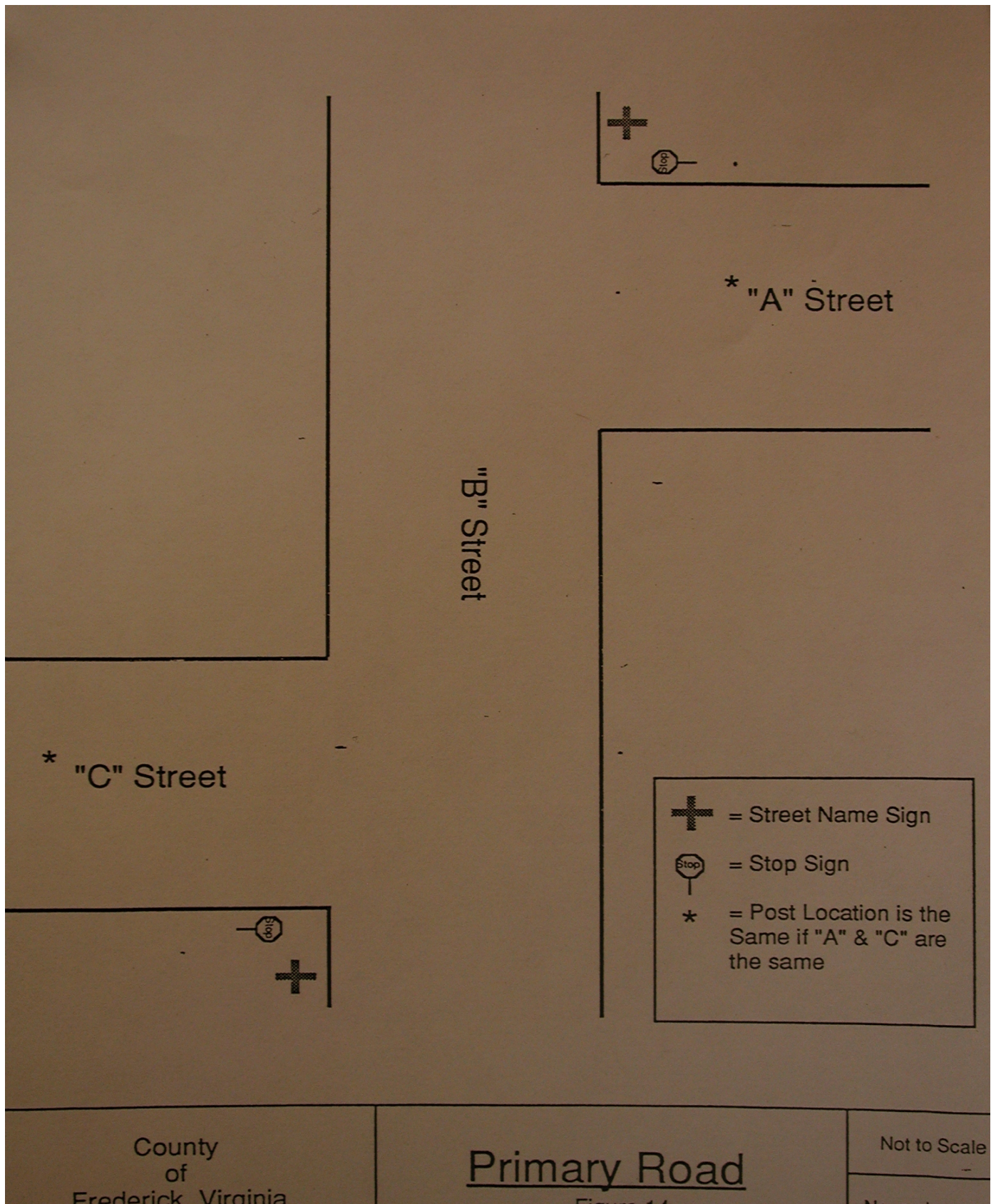
**VIRGINIA DEPARTMENT OF TRANSPORTATION
PRIMARY ROAD, FIGURE 10**



VIRGINIA DEPARTMENT OF TRANSPORTATION
PRIMARY ROAD, FIGURE 13



VIRGINIA DEPARTMENT OF TRANSPORTATION
PRIMARY ROAD, FIGURE 14



VIRGINIA DEPARTMENT OF TRANSPORTATION
PRIMARY ROAD, FIGURE 15

