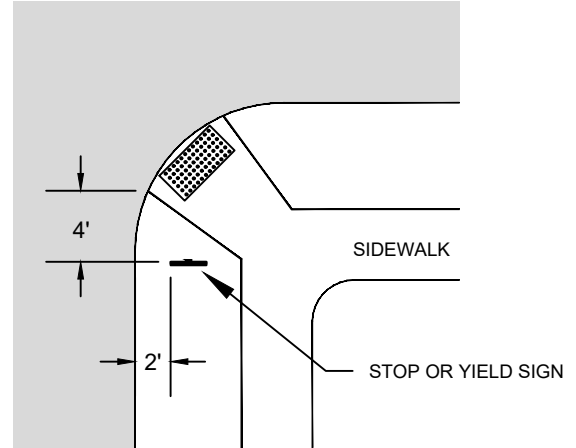


INTERSECTION TRAFFIC CONTROL

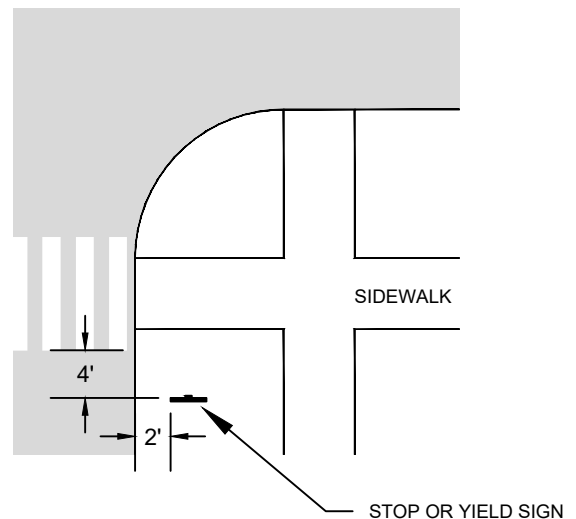
1. INTERSECTION TRAFFIC CONTROL CONSISTS OF THE FOLLOWING TYPES: TRAFFIC SIGNAL, ALL-WAY STOP CONTROL, STOP CONTROL, YIELD CONTROL, OR NO CONTROL.
2. THE TWO MOST COMMON FORMS OF INTERSECTION TRAFFIC CONTROL ARE STOP AND YIELD CONTROL. MOST LOCAL STREET INTERSECTIONS SHALL BE CONTROLLED BY YIELD SIGNS UNLESS ONE OF THE FOLLOWING CONDITIONS EXISTS:
 - a. THERE IS A SIGNIFICANT SIGHT DISTANCE PROBLEM (STOP CONTROL)
 - b. TRAFFIC VOLUMES ARE CONSISTENTLY ABOVE 300 VEHICLES PER HOUR FOR AN EIGHT-HOUR PERIOD (ALL-WAY STOP CONTROL)
 - c. THERE ARE FOUR OR MORE ANGLE CRASHES AT THE INTERSECTION IN A THREE-YEAR PERIOD (STOP CONTROL)
 - d. THE INTERSECTION HAS A SIGNIFICANT AMOUNT OF ON-STREET PARKING NEAR THE INTERSECTION (STOP CONTROL)
3. IF A REQUEST IS RECEIVED TO CHANGE THE TYPE OF CONTROL AT AN INTERSECTION, THE ENGINEERING DIVISION SHALL PERFORM LOCAL INTERSECTION TRAFFIC CONTROL ANALYSIS TO DETERMINE IF A CHANGE IS WARRANTED.
4. IN NEW SUBDIVISIONS, ENGINEERING SHALL ASSIGN THE APPROPRIATE TRAFFIC CONTROL AT EACH LOCAL INTERSECTION DURING THE SUBDIVISION PLAN REVIEW PROCESS.

7. THE SIGN IS TYPICALLY LOCATED 4 FEET BEHIND THE ADA HANDICAP RAMP OR MARKED CROSSWALK (SEE DIAGRAMS BELOW). IF THERE IS NO SIDEWALK, THE SIGN SHOULD BE LOCATED AS CLOSE AS POSSIBLE TO THE POINT WHERE THE VEHICLE IS TO STOP. IT SHALL BE NO CLOSER THAN 4 FEET OR NO FARTHER THAN 50 FEET FROM THE CROSS STREET EDGE OF PAVEMENT EXTENDED.



INSTALLATION & LOCATION

1. AT FOUR-WAY INTERSECTIONS, TRAFFIC CONTROL SIGNS SHALL BE INSTALLED ON THE TWO APPROACHES THAT MUST YIELD OR STOP. STREET NAME SIGNS SHALL BE MOUNTED ABOVE THE TRAFFIC CONTROL SIGN ON THE APPROACH WITH THE BEST CROSS STREET VISIBILITY.
2. AT THREE-WAY OR "T" INTERSECTIONS THERE SHALL BE ONE TRAFFIC CONTROL SIGN WITH STREET NAME SIGNS ON THE MINOR APPROACH.
3. THE TRAFFIC CONTROL SIGN AND STREET NAME SIGNS SHALL BE MOUNTED ON A GALVANIZED ROUND POST (2% O.D.). THE POST SHALL BE INSTALLED 36" BELOW GROUND AND EMBEDDED IN CONCRETE.
4. TRAFFIC CONTROL SIGNS WITHOUT STREET NAME SIGNS SHALL BE MOUNTED ON A 3" U-CHANNEL POST WITH THE SAME HEIGHT AND OFFSET REQUIREMENTS AS THE GALVANIZED ROUND POST. IF USED, U-CHANNEL POSTS MUST BE DRIVEN AT LEAST 36" INTO THE GROUND.
5. THE BOTTOM OF THE TRAFFIC CONTROL SIGN SHALL BE 7 FEET ABOVE THE GROUND.
6. THE EDGE OF THE SIGN SHALL BE OFFSET TWO FEET FROM THE FACE OF CURB (SEE DIAGRAMS).



INTERSECTION TRAFFIC CONTROL

DWG NO: **TR-2.3**

NOTE 1: DRAWING VALID ONLY WHEN USED AS SHOWN AND IN CONJUNCTION WITH OTHER FAIRBORN ENGINEERING SPECIFICATIONS AND/OR DETAILS. THIS DRAWING REPRESENTS MINIMUM STANDARDS. ANY MODIFICATIONS TO THIS DETAIL SHALL FIRST BE SUBMITTED TO THE CITY ENGINEER FOR APPROVAL.

NOTE 2: CALL THE FOLLOWING AGENCIES AT LEAST 48 HOURS IN ADVANCE OF ANY EXCAVATION:
O.U.P.S. AT 8-1-1 AND O.A.G.P.U.P.S. AT (800) 925-0988

ISSUE DATE: **03/14/2017**

ENG'R: **DNB**

APPROVED: **DPO**

SCALE: **NONE**

FILE:

REV NO	REV DATE	REV DESCRIPTION	REV NO	REV DATE	REV DESCRIPTION



ENGINEERING DIVISION

44 W. HEBBLE AVENUE FAIRBORN, OHIO 45324
 PH: (937) 754-3055 FX: (937) 879-7395