

VFP Fire Systems

1155 E. Whitcomb Ave. | Madison Heights, MI 48071 | P:248-543-6888

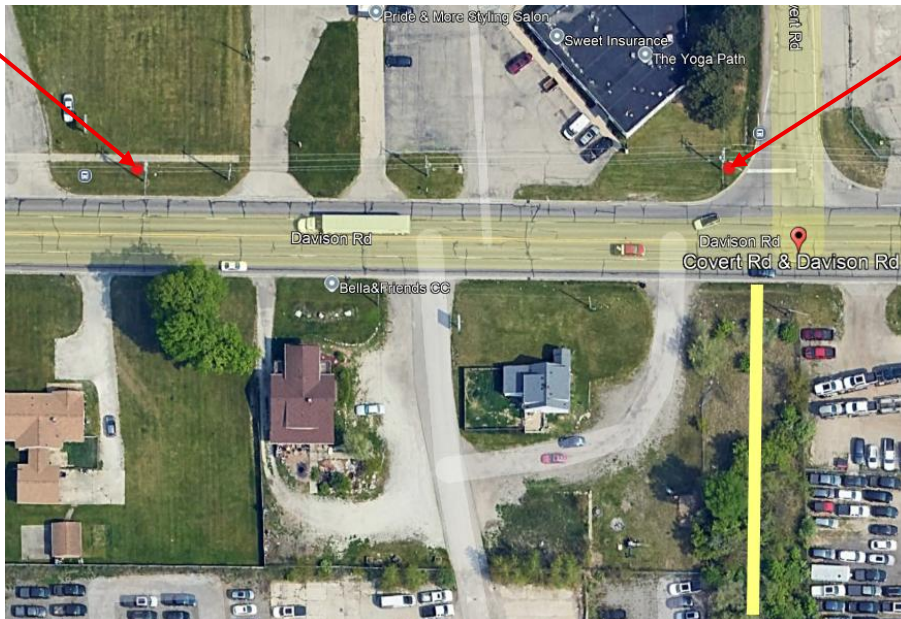
Location: NW corner of Covert Rd. and Davison Rd. intersection

Time: 10 a.m.

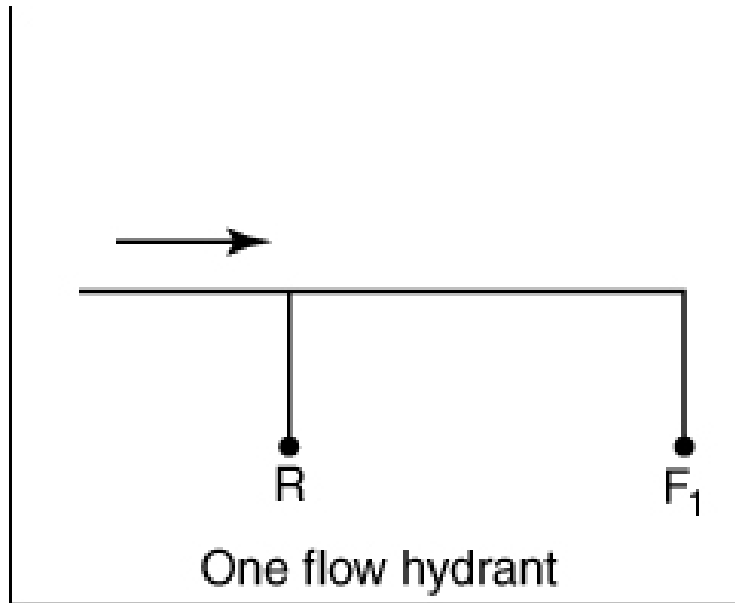
Flow Test Data Sheet:

Diameter of Outlet	2.5 Inches
Discharge Coefficient (NFPA 291 Figure 4.9.1)	0.9
Static Pressure	80 PSI
Residual Pressure	77 PSI
Pitot Pressure	65 PSI
Calculated Flow ($Q = 29.83Cd^2p^{0.5}$)	1,352.80 GPM
Outlet Threads	DST (Detroit Style Threads)
Main Type	City Main
Distance between Hydrants	350 Feet

Read
Hydrant



Flow
Hydrant



Observations					
Diameter	Coefficient	Pitot	Flow	Residual	Static

Date: _____
 Location: _____
 Personnel: _____

Flow
 $Q=29.83 \text{ cdfp}^2$

If pumper outlet
 multiply above by:

Pitot	Factor
2	0.97
3	0.92
4	0.89
5	0.86
6	0.84
7 & up	0.83

Pitot placement must
 be in center of stream
 & 1/2 diameter away
 from butt!



COEFF. ~.90



COEFF. ~.80



COEFF. ~.70

