



ADDENDUM TO THE FIRE FACILITY, EQUIPMENT, AND DEPLOYMENT MASTER PLAN





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- **Purpose:**
 1. **Update Plan for 4.0 Staffing**
 2. **Modify Plan to include Squad implementation**
 3. **Update Plan for Fire Station 9 retention and location**
 4. **Update Plan to include apparatus retention policy**





Measure A Expenditure Plan

Positions	Phase I	Phase II	Total
Deputy Chief	1	1	2
Fire Captain	8	12	20
Fire Engineer	—	12	12
Firefighter/Paramedic	8	12	20
Firefighter	18	18	36
Fire Inspector/Investigator II	—	3	3
Public Education Specialist	1	—	1
Total Fire Personnel	36	58	94





Short Term Staffing Plan

Position	Total	Count	Location	Funding Source
Deputy Chief	1	1	Administration	Measure A
Fire Captain	14	2	Squad 1	Measure A
		2	Squad 2	Measure A
		2	Squad 3	Measure A
		2	Squad 4	Measure A
		3	Millenia Engine	General Fund
		3	Bayfront Engine	General Fund
Fire Engineer	6	3	Millenia Engine	General Fund
		3	Bayfront Engine	General Fund
Firefighter / Paramedic	14	2	Squad 1	Measure A
		2	Squad 2	Measure A
		2	Squad 3	Measure A
		2	Squad 4	Measure A
		3	Millenia Engine	General Fund
		3	Bayfront Engine	General Fund
Firefighter / EMT	18	3	4th Firefighter on E51	Measure A
		3	4th Firefighter on E52	Measure A
		3	4th Firefighter on E55	Measure A
		3	4th Firefighter on E57	Measure A
		3	4th FF at Millenia	Measure A
		3	4th FF at Bayfront	Measure A
Public Education Specialist	1	1	Fire Administration	Measure A
Total positions	36			Measure A
54	18			General Fund





Network Performance at Buildout

	Emergency Medical Service (EMS)		Initial Attack Force (IAF)		Effective Response Force (ERF)		% Diff without St 9
	Threshold: 7:00 @ 90%		Threshold: 7:00 @ 90%		Threshold: 10:00 @ 90%		
	% Met	% Diff	% Met	% Diff	% Met	% Diff	
Current							
With Station 9	80.14		52.85		38.01		
Without Station 9	77.53	2.61	46.57	6.28	31.59	6.42	15.31
Build Out *							
With Station 9	89.53		89.47		82.16		
Without Station 9	87.03	2.5	88.19	1.28	68.57	13.59	17.37

* Build Out Station 9: 4-0 Staffed Engine 59 and USAR 59

** Mutual Aid and AMR not included in calculations

Current - 8 Engines, 2 Trucks, 1 US&R, 2 Battalions

Build Out – 12 engines, 4 Trucks, 4 squads, 1 US&R, 2 Battalions, 3 New Stations (BayFront, Village 8 & Millenia), and relocated Stations 5 and 9.



Fire station delivery network at buildout of 12 fire stations



Fire Station 9 Relocation

Table 9: Adding Bayfront (BF) Station

CVFD Measures	Bayfront Station Added		% Change From relocated 5 & 9 to adding BF Station	% Change From Baseline Performance
	Incident Average	Incident Percent		
ALS – 1 st unit in 7 mins, 90%	5:36	83.95%	3.71%	3.81%
IAF - 1st unit (E, 4FF) in 7 mins, 90%	6:26	70.65%	0.55%	17.80%
ERF – 14 FF in 10:20, 90%	10:12	50.32%	4.27%	12.31%

Source: Deccan 2016 Deployment, Mutual Aid not included





Current 9 fire station delivery network



Delivery network of 9 fire stations with 4 SQUADS



Buildout of 12 fire station and 4 SQUAD delivery network



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Fire Station 9 Relocation

Table 7: Baseline to Current (4 units 4-0 staffed)

CVFD Measures	Baseline Performance*		Current Performance**		% Change From Baseline to Current
	Incident Average	Incident Percent	Incident Average	Incident Percent	
ALS – 1 st unit in 7 mins, 90%	5:45	80.14%	5:45	80.14%	No change
IAF - 1st unit (E, 4FF) in 7 mins, 90%	7:22	52.85%	6:38	68.53%	15.68%
ERF – 14 FF in 10:20, 90%	10:26	38.01%	10:15	46.30%	8.29%

*Baseline is the original network (prior to July 7, 2017) did not include 4-0 staffing

**Includes 4-0 staffing at Stations 1, 2, 5 and 7. Station 5 at 391 Oxford; Station 9 at 266 E. Oneida.





Fire Station 9 Relocation

Table 8: Relocated Station 5 & 9

CVFD Measures	Relocated St. 5 & 9		% Change From Current to Relocated 5 & 9	% Change From Baseline Performance
	Incident Average	Incident Percent		
ALS – 1 st unit in 7 mins, 90%	5:46	80.24%	0.10%	0.10%
IAF - 1st unit (E, 4FF) in 7 mins, 90%	6:34	70.10%	1.57%	17.25%
ERF – 14 FF in 10:20, 90%	10:16	46.05%	-0.25%	8.04%

*Includes 4-0 staffing at Stations 1, 2, 5 and 7.

