White Paper

A Best Solution, For Response Times, Of First Responders.

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Dedicated to M., WOMD.

In this paper I suggest a very simple system of emergency lighting that can utilize the existing roadways infrastructure in city’s; both small, and large. This system is a means to improve response times for first responders whilst aiding in civilian traffic flow issues that can arise currently during these critical transitions of First Responders getting to their emergency destinations with the primary goal of the system is to create a temporary-dynamic-express lane for First Responders to their destinations, that will undoubtedly save countless lives over time\* (Get real facts somehow)

How It Works:

Upon Receiving Route information, this system would then knowing which first responder, and their location (being closest to the emergency call’s location). Would then activate a circuit of emergency lights along their route to the emergency (that subsequently deactivate when the first responder traverses through each set) will be based off two simple rules, and when followed – the end result will be civilian traffic that will be moved into one or more lanes, leaving a lane open completely that doesn’t obstruct the routes for first responders:

1. When Emergency light system is active civilians must move to the opposite lane of the lighting system until next intersection which the lights are off.
2. When all Emergency lights are active across all lanes, all traffic across those lanes must come to a complete stop at that intersection, until Emergency lights are turned off

Starting with these basic rules we can effectively organize traffic with minimal delays and achieve the goal of fast response times unlike anywhere else in the world, with the added bonus being: “**U.S. regulators estimate that as many as 10,000 lives could be saved every year by reducing 911 response times by just one minute**.” (1)

In conclusion, this solution has the ability to help first responders achieve faster response times by alerting traffic along its immediate route to adhere to the basic rules, we can achieve extremely fast response times for everyone by creating a temporary-dynamic-emergency-express lane that will benefit everyone or at least someone you know.

[1] https://www.fishersfd.org/chief.cfm?subpage=5548&levelsDeep=2