2017 Traffic Signal Industry Forum

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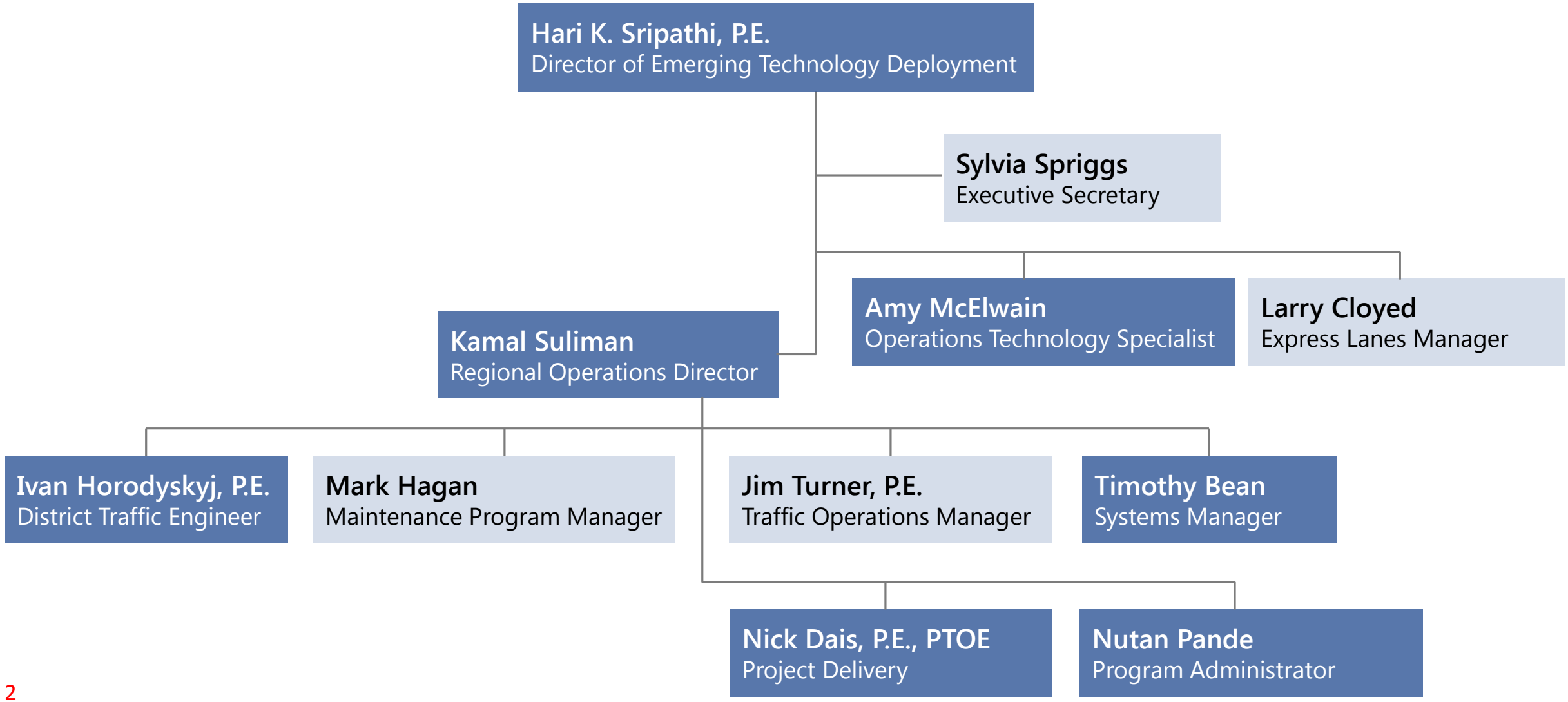
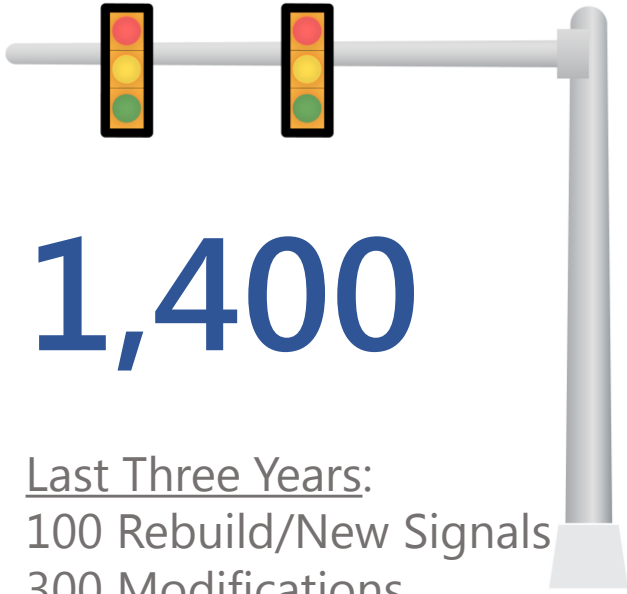
October 16, 2017 | NoVA District Office, Fairfax

NRO Organization Updates



NRO Fast Facts

Signalized Intersections



1,400

Last Three Years:
100 Rebuild/New Signals
300 Modifications

Ancillary Structures

15,000+

Last Four Years:
20 Dynamic Message Signs (DMS)
75 OH Bridge Sign Replacements
10 High Mast Lighting

CCTV Cameras

300+

We Serve Four Counties

Loudoun

Prince William

Fairfax

Arlington

NRO Program Initiatives

- Flashing yellow arrow (FYA)
- HVS backplates
- Accessible Pedestrian Signal (APS) upgrades
- 2070 controller upgrades
- Communication/ broadband upgrades
- HAWK signal
- Ramp metering
- Special studies

Improvements & Advancements

Webpage:
Improving Communications

HMMS – Highway Maintenance Management System

Asset Management Graphic Source: VDOT Annual Report 2015

Today

- We value the hard work and expertise of all stakeholders

Designers	Suppliers/Fabricators
Inspectors	Developers
Maintenance	Contractors
Operations	Localities – Fairfax, Loudoun, Prince William, Arlington

THANK YOU!

- The goals of this forum
  - Promote open dialogue & understanding
  - Offer clarity on recent and upcoming changes to policy, standards, and specifications

Housekeeping

- Sign-in sheet
- Break
- Facilities
- Saving Q&A for the end

Agenda

- Signal Technology Advancements
  - Hari Sripathi, P.E., Emerging Technology Deployments Director
- Central Office Perspective – Statewide Updates
  - Traffic Engineering Updates – Marc Lipschultz, P.E., PTOE
  - Ancillary Structures Design Updates – Karl Larson, P.E.
- Break
- Design Considerations and NoVA Lessons Learned
  - Signal Design Considerations – Michelle Cavucci, P.E., PTOE
  - Broadband Communication Transportation Management – Brian Stotler
  - Signal Inspections Lessons Learned – Cliff Merrick
- Open Forum Q&A
- Wrap-up

Traffic Signal Technology Advancements

Hari Sripathi, P.E.
Director of Emerging Technology Deployment

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