VDOT/VSP Joint Safety Operations Center

Edward Correa
Traffic Operations Center Manager, Central Region
Former Richmond TOC – Established in 1999
Timeline

- **A/E Services and Construction Administration**
  - June 6, 2016 – RFP issued
  - Hammel, Green, and Abrahamson, Inc. (HGA)
  - November 1, 2016 - Contract executed

- **Contractor Pre-Qualification**
  - July 14, 2017 – RFQ issued
  - Four contractors deemed qualified
  - February 9, 2018 – low bid contract awarded to KBS, Inc.

- April 26, 2018 – Groundbreaking Ceremony
Design Basics

✔ Three-story structure, approx. 85,000 sqf
✔ Must fit on existing property
✔ Category 3 rating
✔ Physical separation between VSP and VDOT
✔ State-of-the-art Operations Center with Data Center
✔ “Inspire innovation and collaboration and pay homage to the achievements of civil engineering and reflect a culture of service to our fellow citizens.”
Other Challenges

✓ Construction within an active VDOT complex
✓ Fiber-optic connection to I-95
  ✓ 2 private easements
  ✓ 1 railroad agreement
✓ Wireless tower for VSP radio system
✓ Designing a building that integrates with existing buildings both in scale and materiality.
✓ Funding
Site Plan

Existing Buildings to Remain

VDOT Colonial Heights 2015

VDOT Colonial Heights 2019
A New Vision

View from South-East Corner

EXISTING MASONRY BUILDINGS
A New Vision

View from South-West Corner

VSP LOBBY
Clearing complete – foundation underway – May 2018
November 2018
Timeline for Occupancy

- Substantial completion
  10/30/2019
- First VDOT occupancy
  03/1/2021
- TOC operational
  08/24/2020
- VSP operational
  11/12/2020
Project Benefits

- New Facility
- Improved coordination with VSP
- Better integrate Operations with other District functions
- Ability to grow operations as environment changes (CAV, Signal Operations, Improved Incident Management)
Annual JSOC Work Load (CY 2020)

- Traffic Incidents – 31,198
- Work Zones Managed – 26,972
- Weather Events – 4590
Questions?

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