

## Norfolk Signal System Improvements - Phase 4C

### UPC # 105592

#### OVERVIEW

**Description:** Continue deployment, upgrade and expansion of the City's Advanced Traffic Management System (ATMS). Child project of UPC 98828, Norfolk Signal System Improvements - Phase IV.

**Street (Route):** N/A

**Length (mi):** N/A

**Jurisdiction/Agency:** Norfolk

**System:** Urban

**Scope:** Safety/Traffic Opers/TSM

**Oversight:** Non-Federal Oversight

**Administered By:** VDOT

**Regionally Significant for Air Quality:** No

**CMAQ:** Yes

**RSTP:** No



#### HRTPO Notes

Revised 11/9/2020: Amendment to revise allocations as follows: receive FY 2002 CMAQ allocation of \$14,299 from UPC 92748; add FY 2002 LOM allocation of \$3,575; receive FY 2016 CMAQ allocation of \$36,628, plus \$9,157 CMAQ Match from UPC 105591. Data correction to add previously approved allocations from the July 16, 2020 HRTPO Board meeting (FY18-21 TIP): add FY 2002 CMAQ allocation of \$55,075 from completed project UPC 98828; add FY 2002 LOM allocation of \$2,900. Revised 2/8/2021: Administrative Modification to revise the cost estimate, schedule, allocations, and obligations as part of the FY21-24 rollover process. Revise cost estimate to be \$2,106,646. Update allocations as follows: revise FY Previous LOC allocation to be \$66,435. Update obligations as follows: revise FY Previous PE Phase CMAQ obligation to be \$424,608; remove FY 2021 PE Phase CMAQ obligation of \$4,486; revise PE Phase CMAQ Match obligation to be \$106,152; revise FY Previous CN Phase CMAQ obligation to be \$1,232,734; remove FY 2021 CN Phase CMAQ obligation of \$136,288; revise CN Phase CMAQ Match obligation to be \$308,184; add FY Previous CN Phase AC-Other obligation of \$34,967; remove FY 2021 CN Phase AC Other obligation of \$40,576.

#### SCHEDULE

	<i>Start</i>	<i>End</i>	<i>Status</i>
<i>Preliminary Engineering</i>	8/4/2016	10/26/2018	Complete
<i>Right of Way</i>	N/A	N/A	N/A
<i>Construction</i>	10/26/2018	2/1/2021	Complete

#### COSTS AND EXPENDITURES

	<i>Cost Estimates</i>	<i>Total Expenditures</i>	<i>Percent Expended</i>
<i>Preliminary Engineering</i>	\$530,761	\$530,761	100%
<i>Right of Way</i>	\$0	\$0	-
<i>Construction</i>	\$1,575,885	\$46,042	3%
<b>TOTAL</b>	<b>\$2,106,646</b>	<b>\$576,803</b>	<b>27%</b>

#### Recent Expenditures

<i>Latest Quarter</i>	<i>Previous 3 Quarters</i>		
	<i>3</i>	<i>2</i>	<i>1</i>
\$0	-	-	-
\$0	-	-	-
\$0	-	-	-

**ALLOCATIONS**

<i>Fund Source(s)</i>	<i>Previous</i>	<i>FY 2021</i>	<i>FY 2022</i>	<i>FY 2023</i>	<i>FY 2024</i>	<i>TOTAL</i>
LOM	\$6,475	\$0	\$0	\$0	\$0	\$6,475
LOC	\$66,435	\$0	\$0	\$0	\$0	\$66,435
CMAQ Match	\$336,951	\$0	\$0	\$0	\$0	\$336,951
CMAQ	\$1,763,344	\$0	\$0	\$0	\$0	\$1,763,344
<b>TOTAL</b>	<b>\$2,173,205</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,173,205</b>

**SCHEDULED OBLIGATIONS**

<i>Phase</i>	<i>Fund Source</i>	<i>Previous</i>	<i>FY 2021</i>	<i>FY 2022</i>	<i>FY 2023</i>	<i>FY 2024</i>	<i>Match</i>
PE	CMAQ	\$424,608					\$106,152
	<b>Subtotal</b>	<b>\$424,608</b>					<b>\$106,152</b>
CN	CMAQ	\$1,232,734					\$308,184
CN	AC-Other	\$34,967					
	<b>Subtotal</b>	<b>\$1,267,701</b>					<b>\$308,184</b>
	<b>TOTAL</b>	<b>\$1,692,309</b>					<b>\$414,336</b>

Source of Project Data: Virginia Department of Transportation.