



Dickerson Radio Tower

(P342302)

Category	General Government	Date Last Modified	01/15/22
SubCategory	County Offices and Other Improvements	Administering Agency	Technology Services
Planning Area	Poolesville and Vicinity	Status	Planning Stage

EXPENDITURE SCHEDULE (\$000s)

Cost Elements	Total	Thru FY21	Est FY22	Total 6 Years	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28	Beyond 6 Years
Other	2,000	-	2,000	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	2,000	-	2,000	-	-	-	-	-	-	-	-

FUNDING SCHEDULE (\$000s)

Funding Source	Total	Thru FY21	Est FY22	Total 6 Years	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28	Beyond 6 Years
Current Revenue: General	100	-	100	-	-	-	-	-	-	-	-
G.O. Bonds	1,900	-	1,900	-	-	-	-	-	-	-	-
TOTAL FUNDING SOURCES	2,000	-	2,000	-	-	-	-	-	-	-	-

APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 23 Request	-	Year First Appropriation	
Appropriation FY 24 Request	-	Last FY's Cost Estimate	-
Cumulative Appropriation	2,000		
Expenditure / Encumbrances	-		
Unencumbered Balance	2,000		

PROJECT DESCRIPTION

TEBS/PSSM desires to install a 450-foot communications tower near the PSRS equipment shelter to replace the GenOn smokestack. The tower will support the antennas and microwave dishes for the PSRS. Once the RideOn project (installing Clever system into the buses) is completed, the RideOn vehicles will also utilize the same radio system, which will greatly increase radio coverage for RideOn (currently on an 8-site UHF system) as they expand their rider coverage area.

ESTIMATED SCHEDULE

FY22

PROJECT JUSTIFICATION

The Public Safety Radio System (PSRS) has 22 antenna sites located around the County to optimize coverage for all Public Safety workers. One of the sites covers the Dickerson area of the County. The PSRS communication site is located on the GenOn property,

which is in the process of shutting down. The exact date of the smoke stake removal is not currently available. At the time of planning and construction (years 2016 - 2018), information was not available about the GenOn location closing. The PSRS antennas (4) and microwave dishes (2) are located at the 420-foot mark on the 700-foot-tall smoke stack.

For over 20 years, the County has operated at the Dickerson power plant's smoke tower on Martinsburg Road because it was an optimum site for mounting antennas and providing the coverage needed in this portion of the County including the Potomac River. Additionally, the new communications equipment shelter is located at that site as part of the recent activation of the P25 radio system.

FISCAL NOTE

In FY22, \$100,000 in Current Revenue: General and \$1,900,000 in G.O. Bonds was transferred from the Public Safety System Modernization (PSSM) project to this project.

COORDINATION

Department of Technology and Business Enterprise Solutions, Department of General Services

