

162nd Avenue Fiber Project

City of Vancouver

Project Completed: January 2017

Project Information

RTC funding: \$179,300 CMAQ
Total Project Cost: \$211,000
Project Type: ITS
Project Length: 1.18 miles
Function Class: Principal Arterial
Daily Traffic Volume: 20,000 ADT (estimated)



Project Description

Project creates a final link within the City of Vancouver's NE 162nd/164th Avenue communications corridor. The project installs a 48-fiber trunk cable between the intersections of NE 45th Street and E Fourth Plain Boulevard. This connection creates a redundant ring in East Vancouver that supports the City of Vancouver as well as other Vancouver Area Smart Trek Agencies.

Project Benefits

- Expand City communication network to reach signals previously without communication.
- Create a redundant fiber ring that will keep our communication network operational if a break in communication lines were to occur.
- Upgrade controllers which will allow intersections to be connected to the City's ATMS now central system.

Project Funding

Phase	Year	Federal Funds	Other Funds	Total
Design	2015	\$41,900	\$7,400	\$49,300
Right of Way				
Construction	2016	\$137,400	\$24,300	\$161,700
Total		\$179,300	\$31,700	\$211,000

Project Map

