

SCOPE OF WORK:

THE WORK GENERALLY CONSISTS OF REDEVELOPING THE COLONIAL AVENUE CORRIDOR FROM CLEARFIELD ROAD SW TO WINDING WAY. A LENGTH OF APPROXIMATELY 3,000 LINEAR FEET. THE WORK INCLUDES INSTALLING NEW CURBS ALONG THE MARGINS OF THE ROAD, A NEW RAISED MEDIAN ALONG THE CENTER OF THE ROAD, REPLACING THE TRADITIONAL SIGNALIZED INTERSECTIONS WITH ROUNDABOUTS, AND INCORPORATING NEW PEDESTRIAN FACILITIES AND BUFFERED BIKE LANES IN BOTH DIRECTIONS. ADDITIONALLY, THE WORK SHALL INCLUDE NEW LIGHTING FIXTURES AND THE INCORPORATION OF LINEAR BIOFILTERS.

DESIGN INFORMATION:

GUIDANCE:
VDOT ROAD DESIGN MANUAL; NOHRP 672; FHWA 2010 URBAN DOUBLE LANE ROUNDABOUT; FHWA 2010 URBAN SINGLE LANE ROUNDABOUT; AASHTO HIGHWAY DESIGN GUIDE (4th Edition); CITY OF ROANOKE STREET DESIGN GUIDELINES

VEHICLES:
WB-62 INTERSTATE SEMI TRAILER;
SU-30

FUNCTIONAL CLASSIFICATION AND TRAFFIC DATA

MINOR ARTERIAL (STD. GS-6 USED); 25/30 MPH DESIGN SPEED	
LIMITS	FROM: INTERSECTION OF CLEARFIELD ROAD SW TO: ~300 LINEAR FEET BEYOND THE INTERSECTION OF WINDING WAY
ADT (2016)	11,500 WEST OF MCNEIL DR. 19,800 EAST OF MCNEIL DR. AND WEST OF OVERLAND RD. 13,150 EAST OF OVERLAND RD.
T (%) (DESIGN HOUR)	<1%
V (MPH)	25 MPH CURRENT POSTING 30 MPH (EAST OF OVERLAND RD.) 35 MPH (WEST OF WINDING WAY)

TIER 1 PROJECT

RECOMMENDED FOR APPROVAL FOR RIGHT OF WAY ACQUISITION

DATE	DISTRICT PLANNING AND INVESTMENT MANAGER
DATE	DISTRICT PROJECT DEVELOPMENT ENGINEER

APPROVED FOR RIGHT OF WAY ACQUISITION

DATE	DISTRICT ENGINEER/ADMINISTRATOR
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RECOMMENDED FOR APPROVAL FOR CONSTRUCTION

DATE	DISTRICT PLANNING AND INVESTMENT MANAGER
DATE	DISTRICT PROJECT DEVELOPMENT ENGINEER

APPROVED FOR CONSTRUCTION

DATE	DISTRICT ENGINEER/ADMINISTRATOR
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APPROVED FOR CONSTRUCTION

ROANOKE CITY ENGINEER	DATE
DIRECTOR OF PUBLIC WORKS	DATE
DIRECTOR OF UTILITIES AND OPERATIONS	DATE
	DATE
	DATE

ADVERTISED DATE:

SET NUMBER:



**VIRGINIA
WESTERN**
The Community's College

CITY OF ROANOKE, VA

OFFICE OF THE CITY ENGINEER

215 CHURCH AVE. SW, ROOM 350
ROANOKE, VIRGINIA 24011

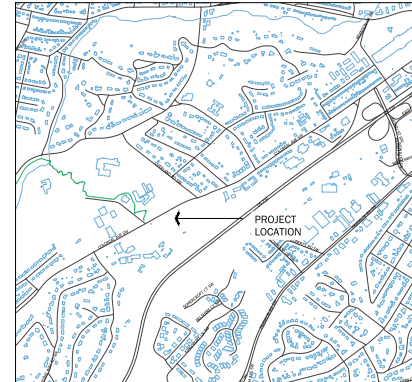
COLONIAL AVENUE REDEVELOPMENT PROJECT

U000-128-R92, P101, C501;
UPC 108896, HSIP-5128(370)



VICINITY MAP

SCALE: 1" = 800'



LOCATION MAP

SCALE: 1" = 100'

CITY OF ROANOKE APPROVAL STAMP

City of Roanoke Planning, Building, & Development	
COMPREHENSIVE DEVELOPMENT PLAN	
APPROVED	
Any changes to this approved plan must be coordinated with the Agent to the Planning Commission and revisions approved prior to construction.	
Agent, Planning Commission	Date
Development Engineer	Date
Zoning Administrator	Date

LINE+GRADE
CIVIL ENGINEERING

COLONIAL AVENUE REDEVELOPMENT PROJECT
CITY OF ROANOKE, VIRGINIA

TITLE SHEET



DESIGNED: L+G
CHECKED: L+G
APPROVED: DCH
DATE: 15 SEPT 2017
L+G PROJ. NO: 1510100
SHEET NUMBER:
C0.0
SHEET 1 OF 113