COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY

COUNTY OF ALBEMARLE

ROUTE 29 AND RIO ROAD (ROUTE 631)
GRADE SEPARATED INTERSECTION
RFP CONCEPTUAL PLANS

FROM: DOMINION DRIVE (RTE 851)
TO: WOODBROOK DRIVE (RTE 1417)

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TYPICAL SECTIONS

NOTES:
1. ALL ROADWAYS ASSUMED 45 MPH DESIGN SPEED. GS-5 URBAN PRINCIPAL ARTERIAL
2. GENERAL BUFFER AREA PROVIDED WHERE EXISTING ROW ALLOWS. WORST CASE IS SHOWN. CURB BARRIER SEEN OFF FACE OF CURB. SEE PLAN FOR LIMITS.
3. LANE WIDTHS ARE ADEQUATE FOR 45 MPH DESIGN SPEED UNLESS THIS EXPRESS AND LOCAL LANE CONFIGURATION IS CONSIDERED AN INTERCHANGE.
4. LEFT SHOULDERS SHOWN REDUCED FROM 4' MINIMUM.

LEGEND:
□ Design Vector Red'd.

ROUTE 29 AT RIO ROAD
GRADE SEPARATED INTERSECTION
DESIGN EXCEPTION(S):
None.

GENERAL NOTES:
Note to Offerors:

These plans are incomplete unless accompanied by the Supplemental Specifications and Special Provisions included in the contract documents.

Construction: Virginia Department of Transportation Road and Bridge Specifications, 2007.
Capacity: HL-93 loading.
Span layout: 72'-0".
Width: 1'-0" Rail, Roadway width 348'-0", 1'-0" Rail.

PLAN

Scale: 1" = 20'-0"

ABUTMENT A

Face of rail

ABUTMENT B

Face of rail

DEVELOPED SECTION

FACE OF RAIL.

TRANSVERSE SECTION

* Finished deck grades will vary to meet existing roadway grades, see the Roadway Construction Details, p. 3

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
PROPOSED BRIDGE ON
RIO ROAD AT ROUTE 29
ALBEMARLE COUNTY
PROJ. 0029-002-901, 9651

RFP Conceptual Plans
October 2, 2014
Conceptual Pavement Limits Plan
Route 29 and Rlo Road Grade Separated Intersection