

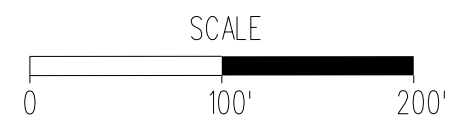
MATCHLINE SHEET 2

Legend:

- Proposed Raised Median
- Proposed Pavement
- Demo
- Proposed Pedestrian Refuge
- Existing Signal

Final Conceptual Layout:

- Install additional left turn lane on eastbound Route 3 at Gateway Blvd
- Adjust lane assignments (pavement markings and signal heads) for eastbound Route 3 at Gateway Blvd, converting outside lane from right turn only to shared through / right
- Adjust lane assignments (pavement markings and signal heads) for northbound Gateway Blvd, converting middle lane from shared through / left to left turn only and converting outside lane from right turn only to shared through / right



	JANUARY 2017
FINAL CONCEPTUAL LAYOUT	
ROUTE 3 (PLANK RD. / WILLIAM ST. / BLUE & GRAY PKWY.) CORRIDOR STUDY	
PARSONS BRINCKERHOFF	SHEET 1 OF 11

Close Entrances

Install New Mast Arm

Add Right Turn Lane






Close Entrance

Install Stop Bar and Stop Sign (R1-1) Closer to Roadway; Replace Channelizing Island

Convert Existing Right Turn Lane into Shared Through / Right Lane (Eradicate Existing Gore and Arrow Markings)

Close Entrance

Legend:

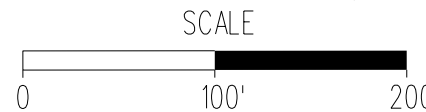
-  Proposed Raised Median
-  Proposed Pavement
-  Demo
-  Proposed Pedestrian Refuge
-  Existing Signal

Final Conceptual Layout:

- Eradicate Existing Gore and Arrow pavement markings on westbound Route 3 approaching Mahone Street to convert outside lane into shared through / right turn lane
- Install new right turn lane (100' storage length) on westbound Route 3 approaching Mahone Street
- Install new mast arm with signal heads on westbound Route 3

MATCHLINE SHEET 1

MATCHLINE SHEET 3



JANUARY 2017

FINAL CONCEPTUAL LAYOUT

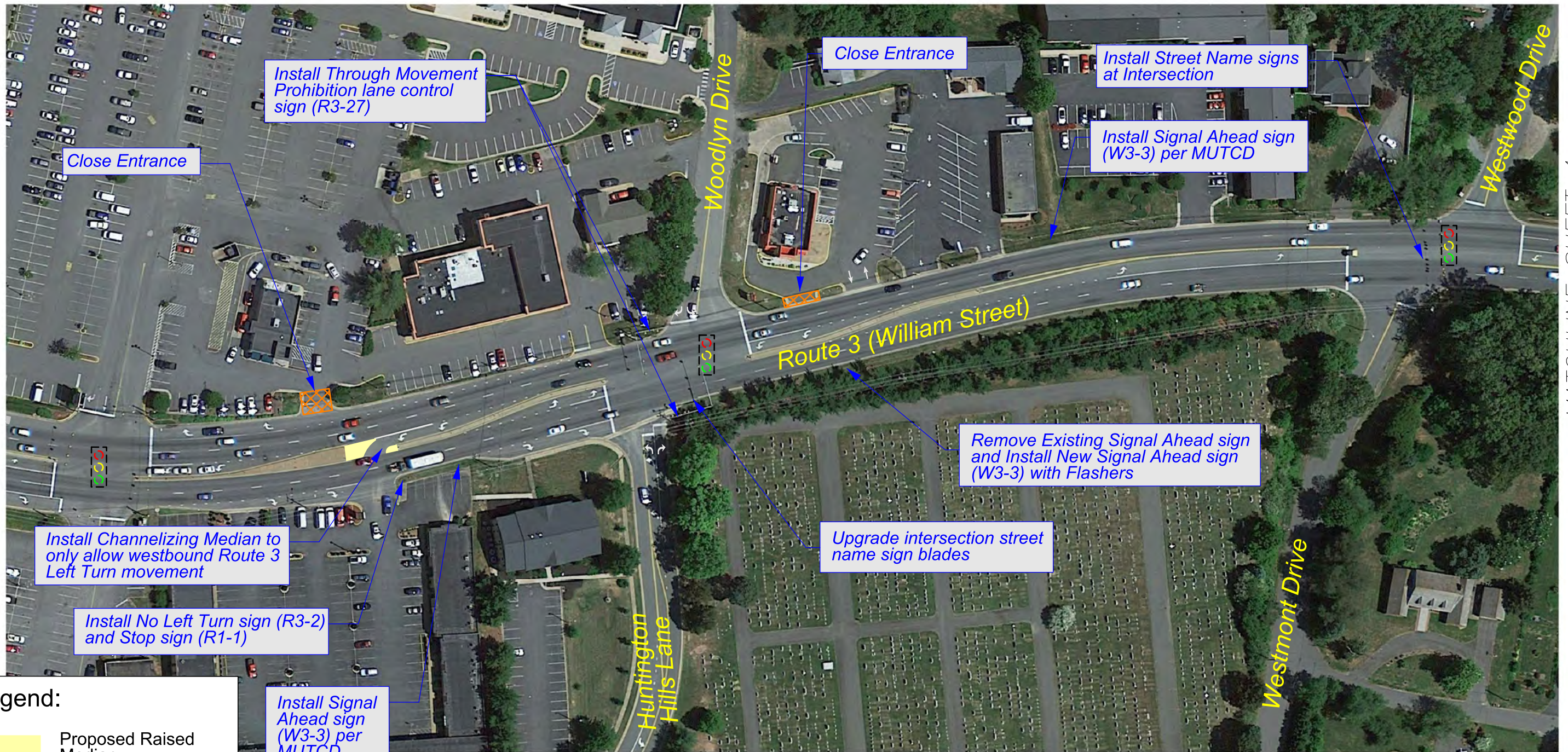
ROUTE 3 (PLANK RD. / WILLIAM ST. / BLUE & GRAY PKWY.) CORRIDOR STUDY

PARSONS BRINCKERHOFF






SHEET 2 OF 11

MATCHLINE SHEET 2

MATCHLINE SHEET 4

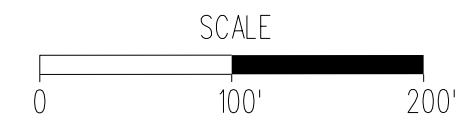
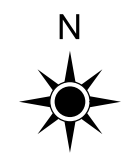


Legend:

-  Proposed Raised Median
-  Proposed Pavement
-  Demo
-  Proposed Pedestrian Refuge
-  Existing Signal

Final Conceptual Layout:

- Install channelizing median at Westwood Village Shopping Center to only allow westbound Route 3 left turn movement
- Convert Lane Assignments on Woodlyn Drive and Huntington Hills Lane to Left Turn and Right Turn Only (no Through movements allowed); Add Lane Control signage and pavement markings



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FINAL CONCEPTUAL LAYOUT	
ROUTE 3 (PLANK RD. / WILLIAM ST. / BLUE & GRAY PKWY.) CORRIDOR STUDY	
PARSONS BRINCKERHOFF	SHEET 3 OF 11

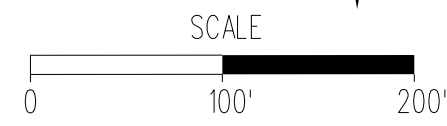
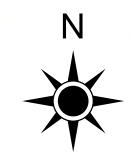


Legend:

- Proposed Raised Median
- Proposed Pavement
- Demo
- Proposed Pedestrian Refuge
- Existing Signal

Final Conceptual Layout:

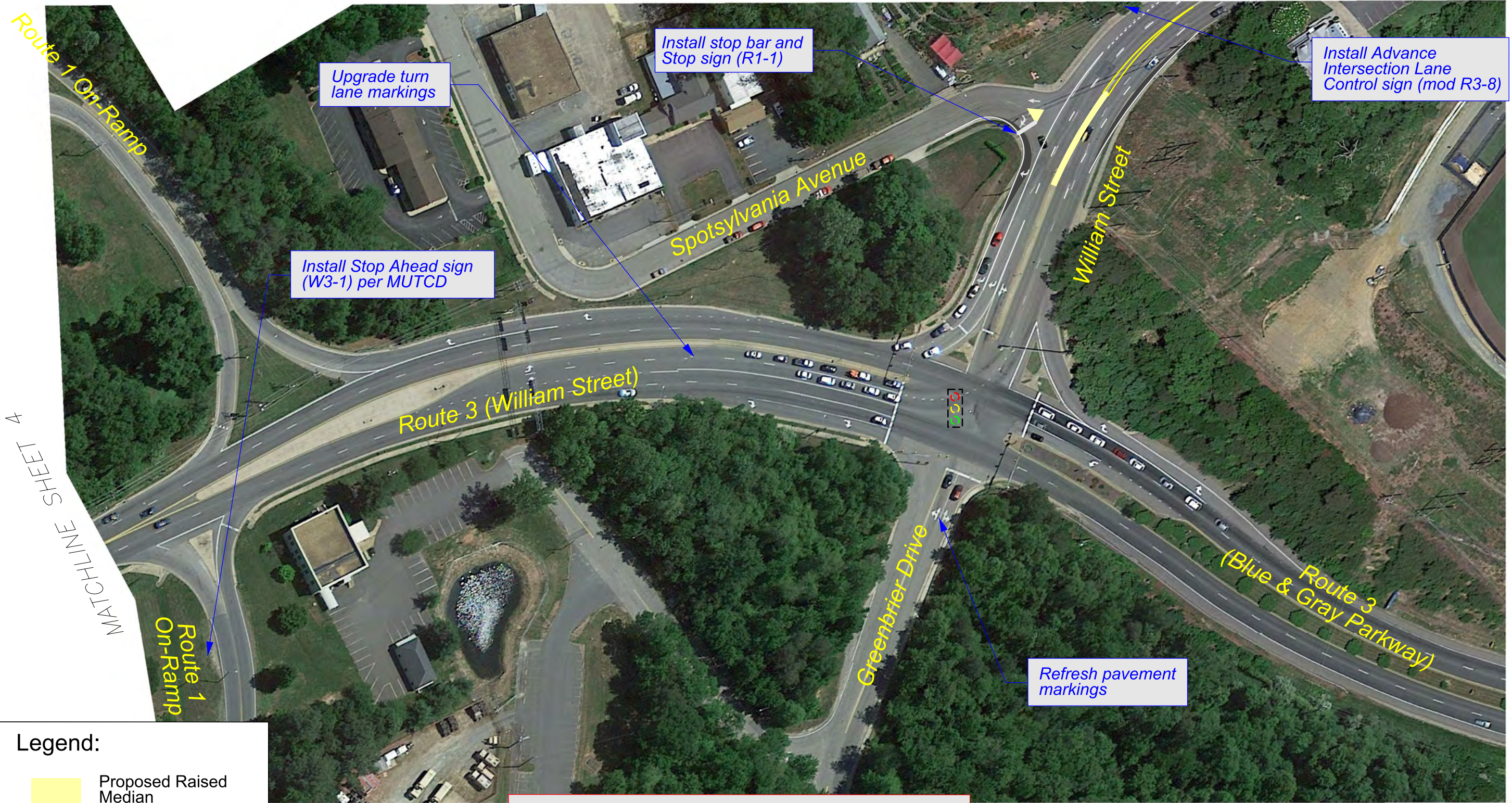
- Upgrade southbound Route 1 off-ramp curvature (meet AASHTO and VDOT road design requirements) onto westbound Route 3; Install westbound Route 3 merge lane
- Convert both eastbound and westbound Route 3 off-ramps onto Route 1 from yield controlled to stop controlled movements



JANUARY 2017	
FINAL CONCEPTUAL LAYOUT	
ROUTE 3 (PLANK RD. / WILLIAM ST. / BLUE & GRAY PKWY.) CORRIDOR STUDY	
PARSONS BRINCKERHOFF	SHEET 4 OF 11

MATCHLINE SHEET 4

MATCHLINE SHEET 6

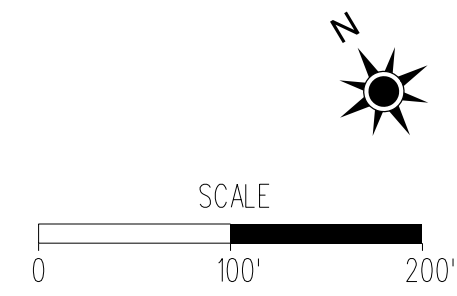


Legend:

- Proposed Raised Median
- Proposed Pavement
- Demo
- Proposed Pedestrian Refuge
- Existing Signal

Final Conceptual Layout:

- Extend outer right turn lane on southbound William Street to 315' storage
- Extend raised median along William Street through the Spotsylvania Avenue intersection; Install channelized median on Spotsylvania Avenue for right in / right out movements



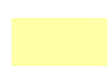



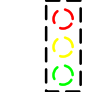
	JANUARY 2017
FINAL CONCEPTUAL LAYOUT	
ROUTE 3 (PLANK RD. / WILLIAM ST. / BLUE & GRAY PKWY.) CORRIDOR STUDY	
PARSONS BRINCKERHOFF	SHEET 5 OF 11

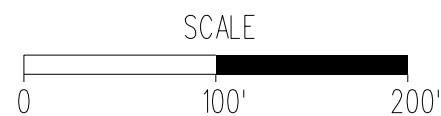
MATCHLINE SHEET 5



MATCHLINE SHEET 7

Legend:

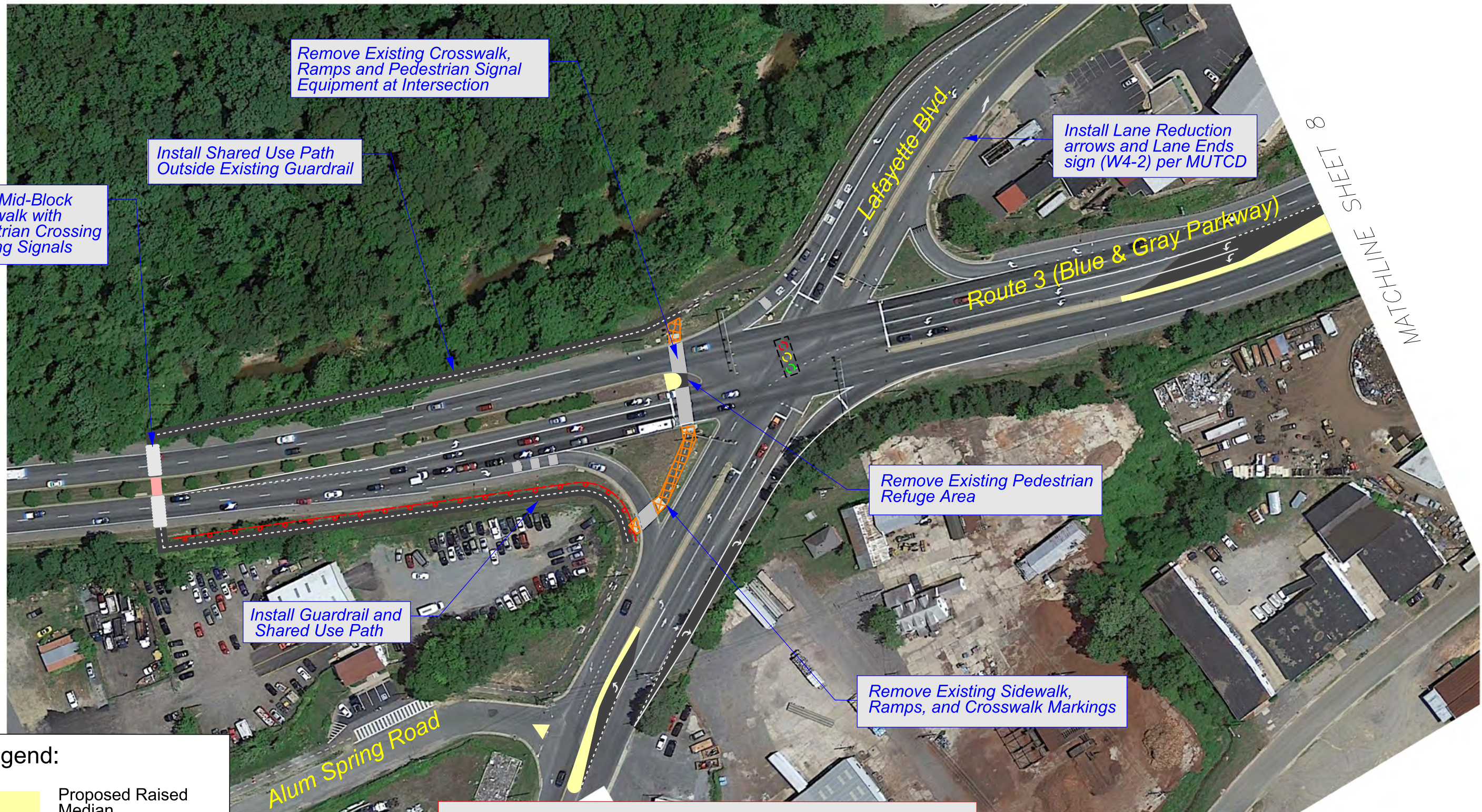
-  Proposed Raised Median
-  Proposed Pavement
-  Demo
-  Proposed Pedestrian Refuge
-  Existing Signal



	JANUARY 2017
FINAL CONCEPTUAL LAYOUT	
ROUTE 3 (PLANK RD. / WILLIAM ST. / BLUE & GRAY PKWY.) CORRIDOR STUDY	
PARSONS BRINCKERHOFF	SHEET 6 OF 11

MATCHLINE SHEET 6

MATCHLINE SHEET 8



Install Mid-Block Crosswalk with Pedestrian Crossing Warning Signals

Install Shared Use Path Outside Existing Guardrail

Remove Existing Crosswalk, Ramps and Pedestrian Signal Equipment at Intersection





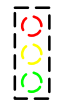
Install Lane Reduction arrows and Lane Ends sign (W4-2) per MUTCD

Remove Existing Pedestrian Refuge Area

Install Guardrail and Shared Use Path

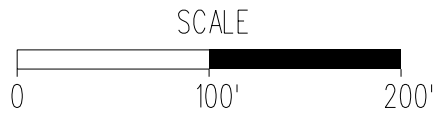
Remove Existing Sidewalk, Ramps, and Crosswalk Markings

Legend:

-  Proposed Raised Median
-  Proposed Pavement
-  Demo
-  Proposed Pedestrian Refuge
-  Existing Signal

Final Conceptual Layout:

- Extend eastbound Route 3 left turn storage length to 300'
- Extend westbound Route 3 dual left turn storage length to 350'
- Extend northbound Lafayette Blvd. left turn storage length to 250'
- Extend raised median along Lafayette Blvd through Alum Spring Rd. intersection; Install channelized median at Alum Spring Rd.
- Install mid-block crosswalk with pedestrian crossing warning signals



	JANUARY 2017
FINAL CONCEPTUAL LAYOUT	
ROUTE 3 (PLANK RD. / WILLIAM ST. / BLUE & GRAY PKWY.) CORRIDOR STUDY	
PARSONS BRINCKERHOFF	SHEET 7 OF 11

MATCHLINE SHEET 7

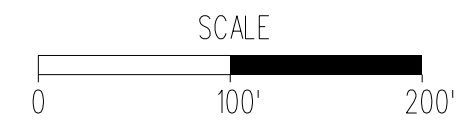
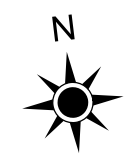
MATCHLINE SHEET 9



Legend:

- Proposed Raised Median
- Proposed Pavement
- Demo
- Proposed Pedestrian Refuge
- Existing Signal

Final Conceptual Layout:
 - Extend westbound Route 3 dual left turn storage length to 350' at Lafayette Blvd.



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FINAL CONCEPTUAL LAYOUT	
ROUTE 3 (PLANK RD. / WILLIAM ST. / BLUE & GRAY PKWY.) CORRIDOR STUDY	
PARSONS BRINCKERHOFF	SHEET 8 OF 11

MATCHLINE SHEET 8

MATCHLINE SHEET 10



Extend westbound Route 3
left turn lane storage length
to 225'

Route 3 (Blue & Gray Parkway)

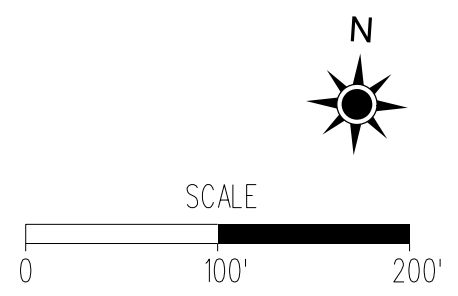
Belmont Road

Legend:

-  Proposed Raised Median
-  Proposed Pavement
-  Demo
-  Proposed Pedestrian Refuge
-  Existing Signal

Final Conceptual Layout:

- Extend westbound Route 3 left turn lane storage length to 225'








	JANUARY 2017
FINAL CONCEPTUAL LAYOUT	
ROUTE 3 (PLANK RD. / WILLIAM ST. / BLUE & GRAY PKWY.) CORRIDOR STUDY	
PARSONS BRINCKERHOFF	SHEET 9 OF 11

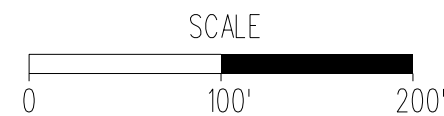
MATCHLINE SHEET 9

MATCHLINE SHEET 11



Legend:

-  Proposed Raised Median
-  Proposed Pavement
-  Demo
-  Proposed Pedestrian Refuge
-  Existing Signal



	JANUARY 2017
FINAL CONCEPTUAL LAYOUT	
ROUTE 3 (PLANK RD. / WILLIAM ST. / BLUE & GRAY PKWY.) CORRIDOR STUDY	
PARSONS BRINCKERHOFF	SHEET 10 OF 11



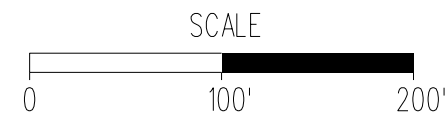
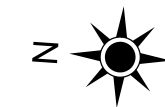
© 2016 Google

Legend:

- Proposed Raised Median
- Proposed Pavement
- Demo
- Proposed Pedestrian Refuge
- Existing Signal

MATCHLINE SHEET 10

Final Conceptual Layout:
 - Upgrade handicap ramps per VDOT standards at all crosswalk locations at interchange ramp intersections



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FINAL CONCEPTUAL LAYOUT	
ROUTE 3 (PLANK RD. / WILLIAM ST. / BLUE & GRAY PKWY.) CORRIDOR STUDY	
PARSONS BRINCKERHOFF	SHEET 11 OF 11