MARCH 2017

SHEET 1 OF 5

FINAL CONCEPTUAL LAYOUT

US 17 BUSINESS (WARRENTON RD) CORRIDOR STUDY

STARS VOUT

PARSONS BRINCKERHOFF

SCALE

100'

200'



Install Raised Median at the Short Street intersection

Install Raised Median between Short Street and Olde

Forge Drive

to prohibit the Route 17 Eastbound and Westbound Left Turns and to allow the Short Street Northbound Right Turns only

Add pavement for extending the I-95 Off-Ramp merge lane and Route 17 eastbound right lane drop at Olde Forge Drive

Install sidewalk along south side of Route 17 from Short Street to Lendall Lane

Proposed Pavement

Pavement Demo

New Signal

Existing Signal

Install Cul-de-sac to end Existing Driveway Realign existing Route 698 (RV Parkway) with new Signalized Intersection

Install Cul-de-sac to end Existing Driveway

Close Driveway

Close Driveway

end Existing Driv



Install Traffic Signal with Crosswalks and Pedestrian Signal Equipment; Accommodate an Eastbound to Westbound U-Turn movement along US 17

Legend:



Proposed Raised Median



Proposed Pavement



Pavement Demo



New Signal

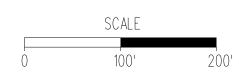


Existing Signal

Final Conceptual Layout:

- Install Raised Median between Short Street and Olde Forge Drive
- Add pavement for new Route 17 eastbound right lane drop at Olde Forge Drive
- Realign RV Parkway across Olde Forge Drive; add new traffic signal and pavement markings
- Install sidewalk along south side of Route 17 from Short Street to Lendall Lane







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SHEE

MATCHLINE

FINAL CONCEPTUAL LAYOUT

US 17 BUSINESS (WARRENTON RD) CORRIDOR STUDY

PARSONS BRINCKERHOFF

SHEET 2 OF 5

Convert Center Lane to Shared Thru/Left

Refresh Existing Crosswalk Markings; Add Pedestrian Signals to New Crosswalks; Adjust Pedestrian Clearance Time





Proposed Raised Median



Proposed Pavement



Pavement Demo



New Signal



Existing Signal

Final Conceptual Layout:

- Install sidewalk along south side of Route 17 from Olde Forge Drive to Lendall Lane
- Install Raised Median between Solomon Drive / Lendall Lane east to existing median
- Convert Solomon Drive southbound center lane to a shared Thru / Left andAdjust signal heads; Add pedestrian signal equipment and adjust pedestrian clearance timing

Close 2 Entrances



100'

200'



MARCH 2017

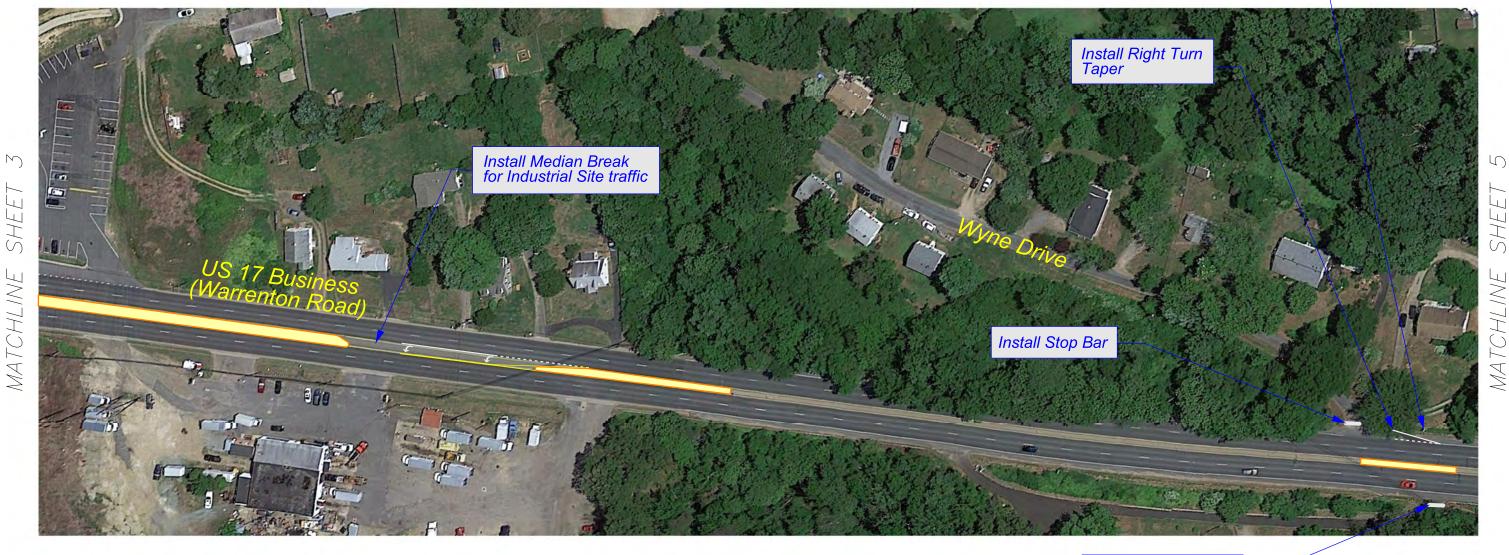
FINAL CONCEPTUAL LAYOUT

US 17 BUSINESS (WARRENTON RD) CORRIDOR STUDY

PARSONS BRINCKERHOFF

SHEET 3 OF 5

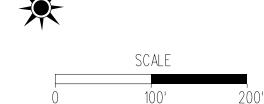
Replace and Relocate Damaged Route Designation Sign and Post



Final Conceptual Layout:

- Install Raised Median between Solomon Drive / Lendall Lane east to existing median, with a median break for the industrial site truck traffic
- Install Raised Median at Wyne Drive intersection
- Add right turn lane taper on Route 17 westbound at Wyne Drive

Install Stop Bar and STOP sign (R1-1) with Post





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FINAL CONCEPTUAL LAYOUT

US 17 BUSINESS (WARRENTON RD) CORRIDOR STUDY

PARSONS BRINCKERHOFF

SHEET 4 OF 5

