



TOWN COUNCIL WORK SESSION
Monday, September 17, 2018 @ 7:00pm
Town Hall Council Chambers

TOWN/STAFF RELATED ITEMS

1. IT Federal Storm Water Issue – *Town Engineer*
2. Mid-Block Crossing on N. Shenandoah Avenue – *Town Manager*

COUNCIL/MAYOR RELATED ITEMS:

3. Liaison Committee Meeting Items for October Meeting
4. Council Discussion/Goals *(time permitting)*

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Work Session Agenda Form

Item # 1

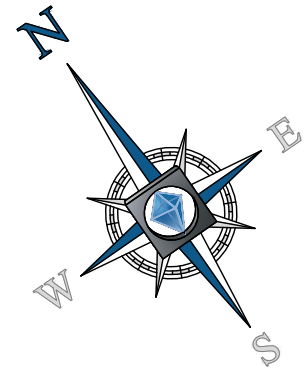
DATE: September 17, 2018

AGENDA ITEM: IT Federal Stormwater Drainage Pipe Issue

SUMMARY: The Town is installing a 42" storm drain pipe under the new West Main Street Extension. The approved site plan shows the pipe continuing westward for approximately 500' across the IT Federal property. When the Main Street project was put out to bid by the Town, staff used an exhibit prepared by IT Federal's engineer showing the scope of work for the Town's portion of the project. This exhibit showed the Town's scope ending at the first structure after passing under Main Street (Structure 42). IT Federal's developer, Mr. Tran, is refusing to install the remaining 500' of pipe downstream of that structure, saying that it is the Town's responsibility. This issue needs to be resolved quickly so that the pipe being installed under Main Street has a definite channel to drain into.

BUDGET/FUNDING: The cost of the pipe and installation across the IT Federal site were not included in the original funding request for West Main Street so additional funding would likely need to be appropriated if Council decides that the Town will pay for it.

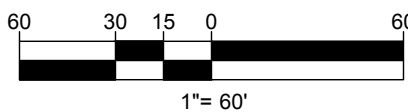
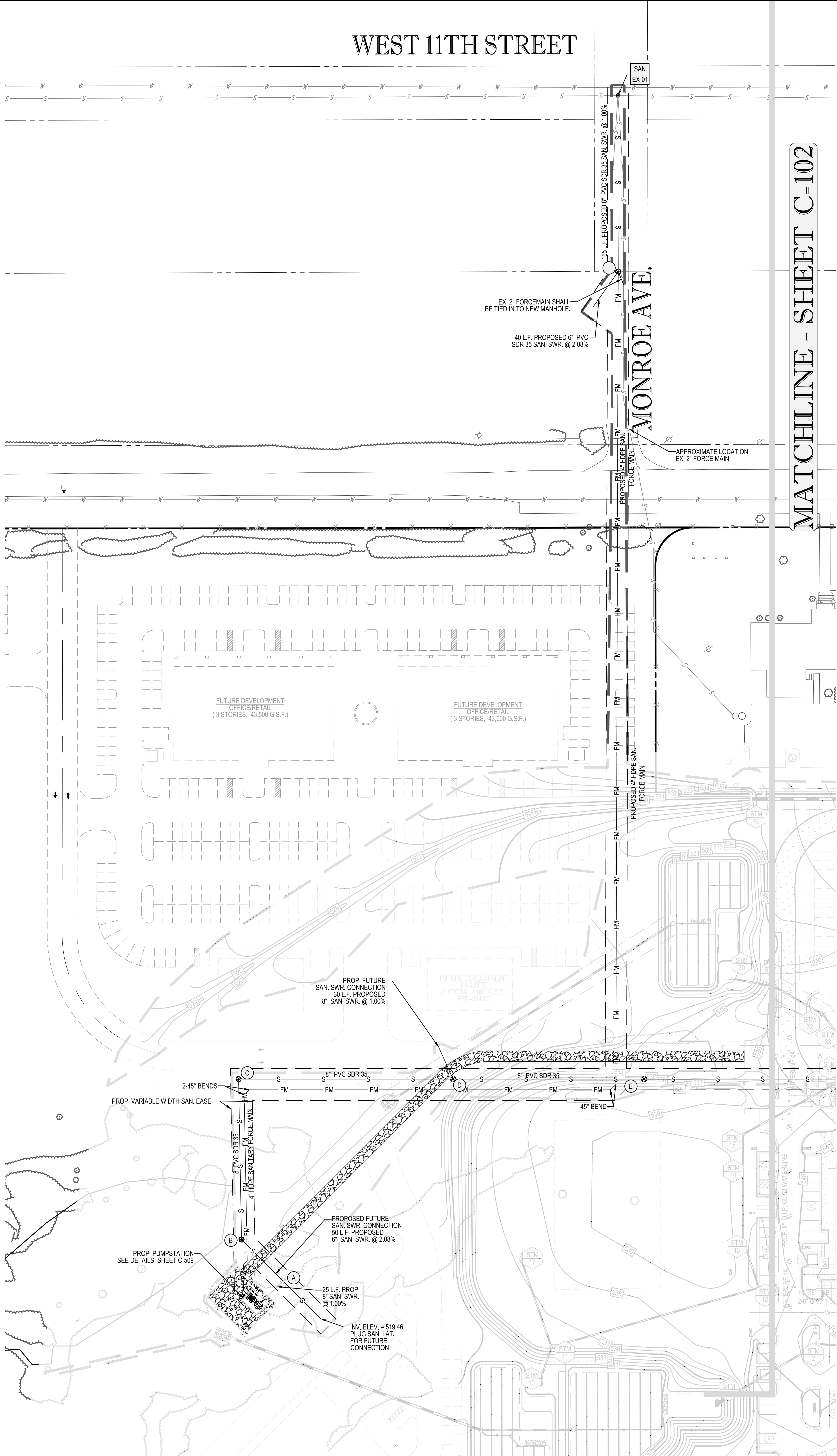
STAFF RECOMMENDATION: If the Town were constructing the roadway in the absence of other site development, any drainage pipes would terminate as close to the right of way line as possible and then open ditches would be graded as needed to ensure positive drainage. The fact that the Town is including Structure 42 in its scope of work is an acknowledgement that Mr. Tran does not want an open ditch across his property and it gives him a convenient place to tie in with a pipe extension. Therefore, the inclusion of Structure 42 is already a concession to Mr. Tran. Since the installation of the pipe across his property would only be an additional benefit to Mr. Tran, staff recommends against it.

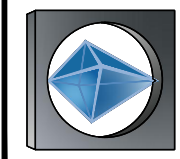


WEST 11TH STREET

MONROE AVE.

MATCHLINE - SHEET C-102





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◆ SOUTHERN NEW JERSEY

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◆ SOUTHEASTERN, PA

◆ NEW YORK, NY

◆ BALTIMORE, MD

◆ SOUTHERN MARYLAND

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◆ RALEIGH, NC

◆ CHARLOTTE, NC

◆ ATLANTA, GA

◆ CENTRAL VIRGINIA

◆ RALEIGH, NC

◆ DALLAS, TX

◆ SOUTH FLORIDA

◆ CENTRAL VIRGINIA

◆ RALEIGH, NC

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REVISIONS			
REV	DATE	COMMENT	BY



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NOT APPROVED FOR
CONSTRUCTION

PROJECT No.:	V172037
DRAWN BY:	MEG
CHECKED BY:	CPH
DATE:	09/07/17
SCALE:	1" = 60'
CAD I.D.:	XAO

PROJECT: ROYAL
PHOENIX, LOT 6
SITE PLAN-PHASE 2A
FOR
ITFEDERAL, LLC

LOCATION OF SITE
KENDRICK LANE
FRONT ROYAL, VA 22630



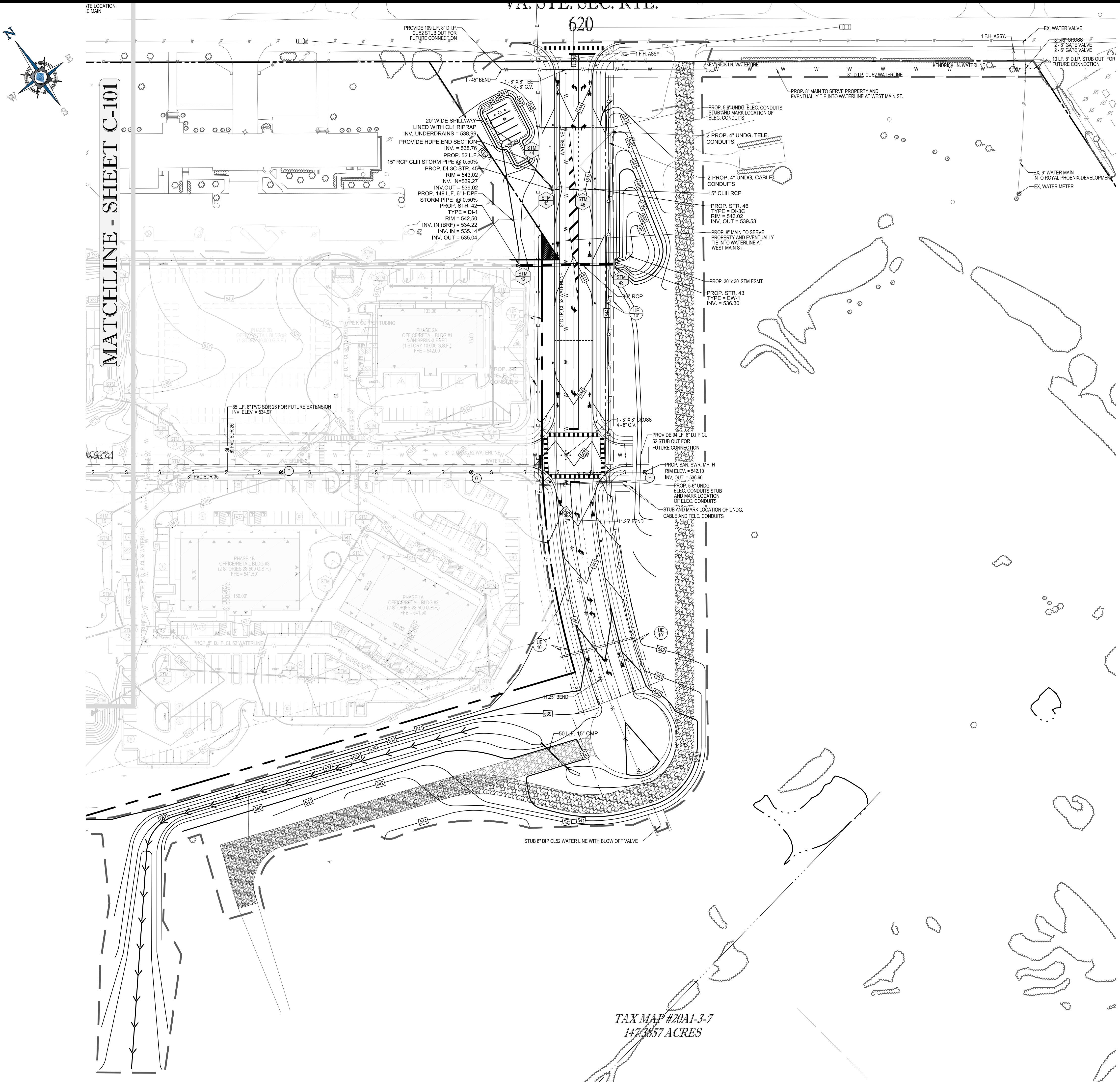
BOHLER
ENGINEERING

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COMMONWEALTH OF VIRGINIA
MICHAEL S. STICKLEY
Lic. No. 031162
8-22-17
PROFESSIONAL ENGINEER

SHEET TITLE:
WEST MAIN
STREET
EXTENSION
EXHIBIT
SHEET NUMBER:
C-101



BOHLER ENGINEERING

SITE CIVIL AND CONSULTING ENGINEERING ARCHITECTURE
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SUSTAINABLE DESIGN

CHARLOTTE, NC
ATLANTA, GA
BALTIMORE, MD
BOSTON, MA
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FORT LAUDERDALE, FL
HOUSTON, TX
INDIANAPOLIS, IN
JACKSONVILLE, FL
KANSAS CITY, MO
LOS ANGELES, CA
MEMPHIS, TN
MIAMI, FL
MINNEAPOLIS, MN
NEW YORK, NY
PHILADELPHIA, PA
PORTLAND, ME
SAN ANTONIO, TX
SEATTLE, WA
SPRINGFIELD, IL
TAMPA, FL
WASHINGTON, DC
WICHITA, KS
WILMINGTON, DE

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PROJECT: ROYAL
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SITE PLAN-PHASE 2A
FOR
ITFEDERAL, LLC

LOCATION OF SITE

KENDRICK LANE
FRONT ROYAL, VA 22630

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COMMONWEALTH OF VIRGINIA
MICHAEL S. STICKLEY
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SHEET TITLE:
WEST MAIN
STREET
EXTENSION
EXHIBIT

SHEET NUMBER:
C-102

Prices based on current contract for West Main Extension

Contract Item	Units	Quantity	Unit Price	Cost
PIPE, CL. III RCP, 42"	LF	504	\$ 211.96	\$ 106,827.84
EW-2	EA	1	\$ 7,390.00	\$ 7,390.00
DROP INLET, DI-1, ON 72" MANHOLE	EA	1	\$ 6,655.00	\$ 6,655.00

Total \$ 120,872.84

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Work Session Agenda Form

Item # 2

DATE: September 17, 2018

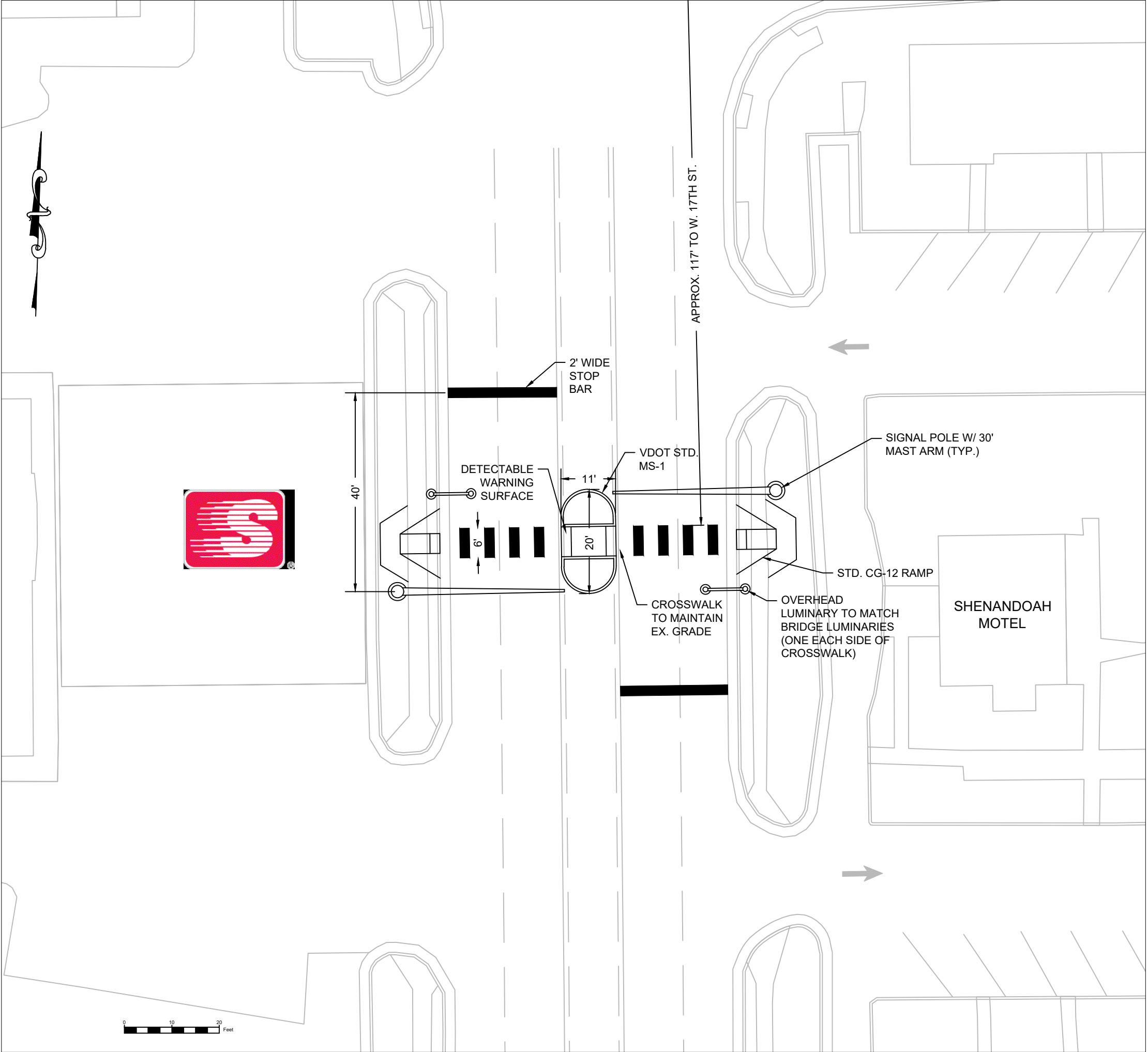
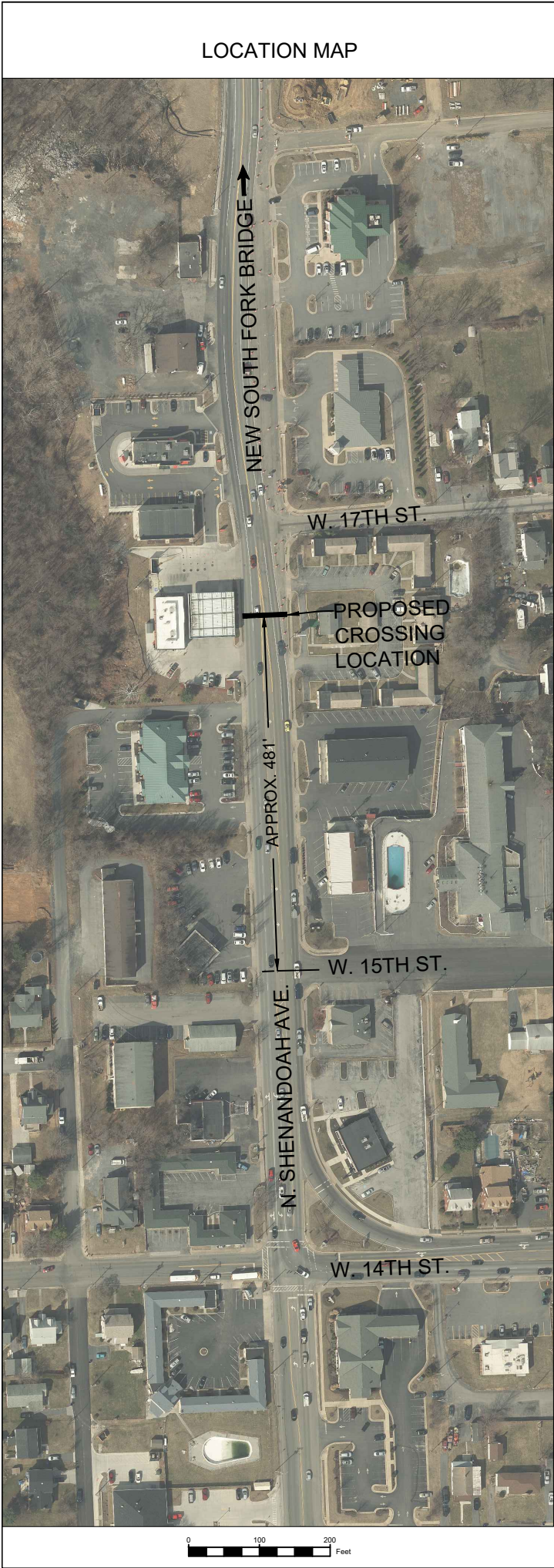
AGENDA ITEM: Mid-Block Crossing on N. Shenandoah Avenue

SUMMARY: The Town Manager has assembled a Public Road Safety Committee comprised of Town staff to develop safety improvements on public streets, especially those related to pedestrian safety. The area of N. Shenandoah Ave. between 14th Street and 17th Street is of particular concern since there have been 5 pedestrian accidents there in the last 3 years with one fatality. The committee has put together a proposal for a mid-block crossing near the Shenandoah Motel and the Speedway gas station.

BUDGET/FUNDING: The cost estimate for this project is \$65,000. No money has been budgeted at this time.

STAFF RECOMMENDATION: Town Manager recommends approval for the purchase of all necessary equipment to establish a mid-block crossing on N. Shenandoah to address pedestrian safety.

Work Session



TOWN OF FRONT ROYAL PRELIMINARY CROSSWALK LAYOUT PEDESTRIAN HYBRID BEACON NORTH SHENANDOAH AVENUE	XWALK1
	DATE: 5/1/18 REVISION:

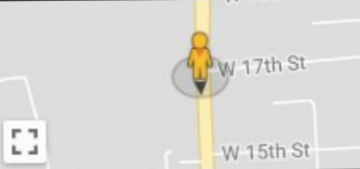


1700 US-522

Front Royal, Virginia

Google, Inc.

Street View - Jul 2017



Google

ADVANCED SAFETY FEATURES PROPOSED FOR SHENANDOAH AVE. MID-BLOCK CROSSING

HIGH VISIBILITY CROSSWALK MARKING
Alerts drivers to areas where pedestrian traffic occurs
PEDESTRIAN REFUGE ISLAND
- Gives pedestrians a safe zone in mid-crossing to assess traffic in the other direction - Prevents cars from using the center turn lane in the immediate vicinity of the crosswalk
OFFSET OVERHEAD LIGHTING
Offset lighting creates fewer shadows than direct overhead lighting
PEDESTRIAN HYBRID BEACON
- Most effective measure to get vehicles to stop - Recommended for high volume roadways

Midblock Crosswalk along N. Shenandoah Ave

Cost Estimate

Item	Cost
Pedestrian Hybrid Beacon (PHB)	\$ 35,000
Crosswalk (Thermo/concrete/asphalt/signs)	\$ 5,000
Additional lighting fixtures	\$ 20,000
Miscellaneous	\$ 5,000
<i>Total Cost</i>	<i>\$ 65,000</i>

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Work Session Agenda Form

Item # 3

DATE: September 17, 2018

AGENDA ITEM: Liaison Committee Agenda Items

SUMMARY: Council is requested to add items to the Liaison Committee Agenda for October 18, 2018. The Agenda from July 19, 2018 is attached.

BUDGET/FUNDING: N/A

STAFF RECOMMENDATION: Council takes desired action

Work Session



AGENDA

TOWN/COUNTY LIAISON COMMITTEE MEETING

Warren County Government Center

July 19, 2018

6:00 PM



- **Call to Order – Tony F. Carter, Chairman of the Warren County Board of Supervisors**
 - 1) **IT Federal Main Street Project – Joe Waltz**
 - 2) **Route 522 Corridor Water Upgrade Project – Joe Waltz**
 - 3) **Phase II Happy Creek Road Project Update – Joe Waltz**
 - 4) **Town Building Maintenance Code Enforcement Update – Joe Waltz**
 - 5) **Septage Receiving Facility Issues Update – Joe Waltz**
 - 6) **Development Review Committee – Doug Stanley**
 - 7) **Building Inspections Software – Doug Stanley**
 - 8) **Warren County's In-Town Projects – Doug Stanley**
 - 9) **Joint Towing Board – Joe Waltz / Doug Stanley**
- **Adjournment**