

LIMITED ACCESS HIGHWAY

PROJECT MANAGER JAMES VANWORMER, PE - HNTB CORP - (703) 824-5100
 SURVEYED BY ERIC ANDELIN, CP, GISP - WOOLPERT - (972) 226-8181
 DESIGN SUPERVISED BY CHRIS DEVERY, PE - HNTB CORP - (703) 824-5100
 DESIGNED BY HNTB CORPORATION (703) 824-5100

| REVISION | DATE | FHWA REGION | STATE | FEDERAL AID PROJECT | ROUTE | STATE PROJECT | PKG. ID / SHEET NO. |
|----------|------------|-------------|-------|---------------------|-------|-------------------|---------------------|
| 4 | 2013-08-16 | 3 | VA | NH-095-2(481) | 95 | 0095-96A-107-PI01 | 4RDY02 III |
| 3 | 2013-03-08 | | | | | | |
| 2 | 2013-01-28 | | | | | | |
| 1 | 2013-01-14 | | | | | | |
| 0 | 2012-11-16 | | | | | | |

THIS SHEET IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY.

Level1 Check Print Stamp

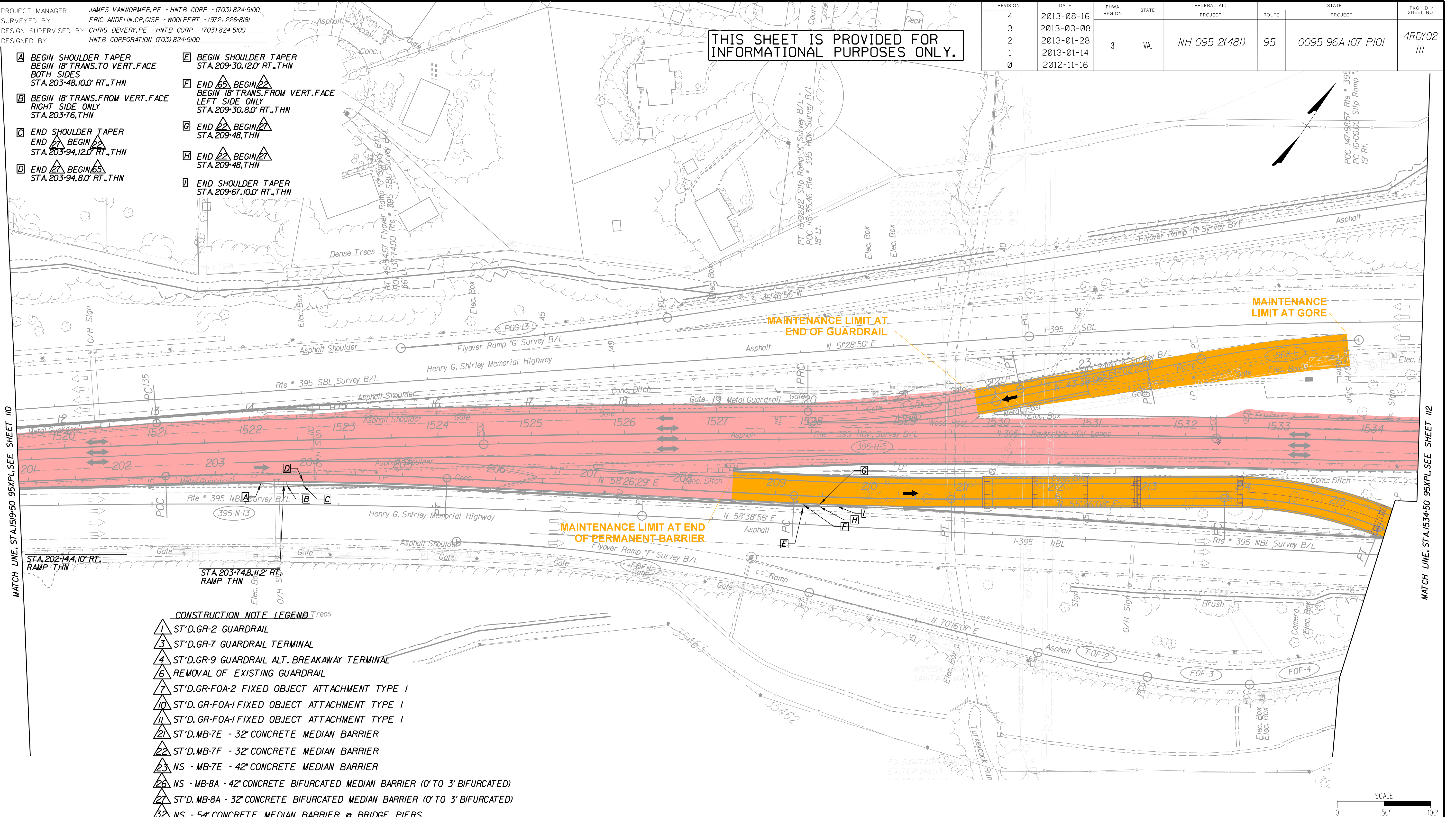
Name(Print) _____ Date _____
 Signature _____
 Backchecker _____ Date _____
 Signature _____
 Updater _____
 Checker _____

- A BEGIN SHOULDER TAPER
BEGIN 18' TRANS. TO VERT. FACE
BOTH SIDES
STA. 203+48.10' RT., THN
- B BEGIN 18' TRANS. FROM VERT. FACE
RIGHT SIDE ONLY
STA. 203+76. THN
- C END SHOULDER TAPER
END BEGIN
STA. 203+94.12' RT., THN
- D END BEGIN
STA. 203+94.80' RT., THN
- E BEGIN SHOULDER TAPER
STA. 209+30.12' RT., THN
- F END BEGIN
BEGIN 18' TRANS. FROM VERT. FACE
LEFT SIDE ONLY
STA. 209+30.80' RT., THN
- G END BEGIN
STA. 209+48. THN
- H END BEGIN
STA. 209+48. THN
- I END SHOULDER TAPER
STA. 209+67.10' RT., THN

- CONSTRUCTION NOTE LEGEND**
- 1 ST'D.GR-2 GUARDRAIL
 - 3 ST'D.GR-7 GUARDRAIL TERMINAL
 - 4 ST'D.GR-9 GUARDRAIL ALT. BREAKAWAY TERMINAL
 - 6 REMOVAL OF EXISTING GUARDRAIL
 - 7 ST'D.GR-FOA-2 FIXED OBJECT ATTACHMENT TYPE I
 - 10 ST'D.GR-FOA-1 FIXED OBJECT ATTACHMENT TYPE I
 - 11 ST'D.GR-FOA-1 FIXED OBJECT ATTACHMENT TYPE I
 - 21 ST'D.MB-7E - 32" CONCRETE MEDIAN BARRIER
 - 22 ST'D.MB-7F - 32" CONCRETE MEDIAN BARRIER
 - 23 NS - MB-7E - 42" CONCRETE MEDIAN BARRIER
 - 26 NS - MB-8A - 42" CONCRETE BIFURCATED MEDIAN BARRIER (0' TO 3' BIFURCATED)
 - 27 ST'D.MB-8A - 32" CONCRETE BIFURCATED MEDIAN BARRIER (0' TO 3' BIFURCATED)
 - 32 NS - 54" CONCRETE MEDIAN BARRIER @ BRIDGE PIERS
 - 38 CONCRETE BARRIER HEIGHT TRANSITION
 - 39 MEDIAN BARRIER LIGHT POLE FOUNDATION
 - 43 NS - 42" CONCRETE MEDIAN BARRIER @ BRIDGE PIERS
 - 44 IMPACTED ATTENUATOR (TL-3)>65mph DESIGN SPEED)
 - 52 ST'D.CG-7 COMB CURB & GUTTER
 - 60 REMOVAL OF EXISTING CONCRETE MEDIAN
 - 65 ST'D.RW-3 - CONCRETE GRAVITY RETAINING WALL

LEGEND

- 95 EXPRESS ROUTINE MAINTENANCE
- 95 EXPRESS FULL MAINTENANCE

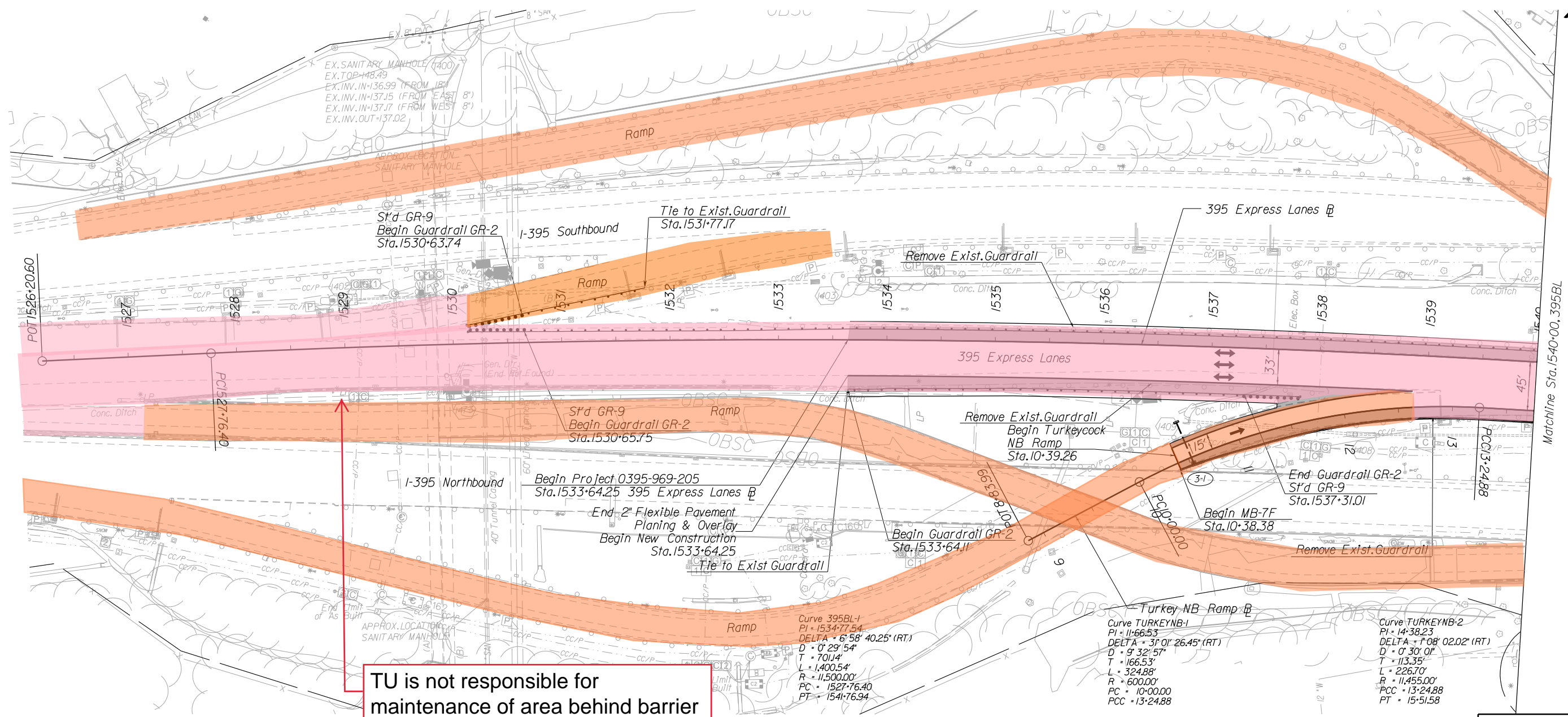


\$FILE\$
 \$DATE\$ \$TIME\$
 Pen Table - \$PENTBLS\$

| | | | |
|---------------------------------------------------------------------------------|------------------------|-----------------------------|--------------------------------|
| 95 EXPRESS LINES ROADWAY & PAVING PLAN STA. 1519+50 TO STA. 1534+50 95XPL | | | |
| Scale: 1"=100' | PROJECT: NH-095-2(481) | FILE NO.: 0095-96A-107-PI01 | DATE: SEPTEMBER 2014 |
| PLAN NO.: A | PROJECT: NH-095-2(481) | FILE NO.: 0095-96A-107-PI01 | PKG ID / SHEET NO.: 4RDY02 III |

PROJECT MANAGER Kevin G. Gherety, PE
SURVEYED BY, DATE Rice Associates
DESIGN BY HDB Engineering
SUBSURFACE UTILITY BY, DATE NZA

| REVISED | STATE | ROUTE | STATE PROJECT | SHEET NO. |
|---------|-------|-------|---------------|-----------|
| | VA. | 395 | 0395-969-205 | 3 |



TU is not responsible for maintenance of area behind barrier

- LEGEND:
- Proposed Shoulder
 - Proposed Guardrail
 - Proposed Median Barrier
 - Proposed Sign/Toll Gantry
 - Travel Lane
 - Proposed Drainage Pipe
 - Drainage Flow Arrow

- LEGEND:
- (II-1) Median Barrier Inlet
 - (450) Existing Drainage Structure
 - (10) Abandon Existing Pipe
 - (11) Connect to Existing Pipe
 - (12) Inlet Opening Required on Shoulder Side of General Purpose Lane. Provide Pipe Connection to Existing Pipe with Concrete Collar as Required
 - (13) Proposed Storm Pipe
 - (14) Adjust Existing Inlet
- NOTES:
- See General Plan Scroll Plots for Additional Information

LEGEND

TU ROUTINE MAINTENANCE

TU FULL MAINTENANCE

REFERENCES
(PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)

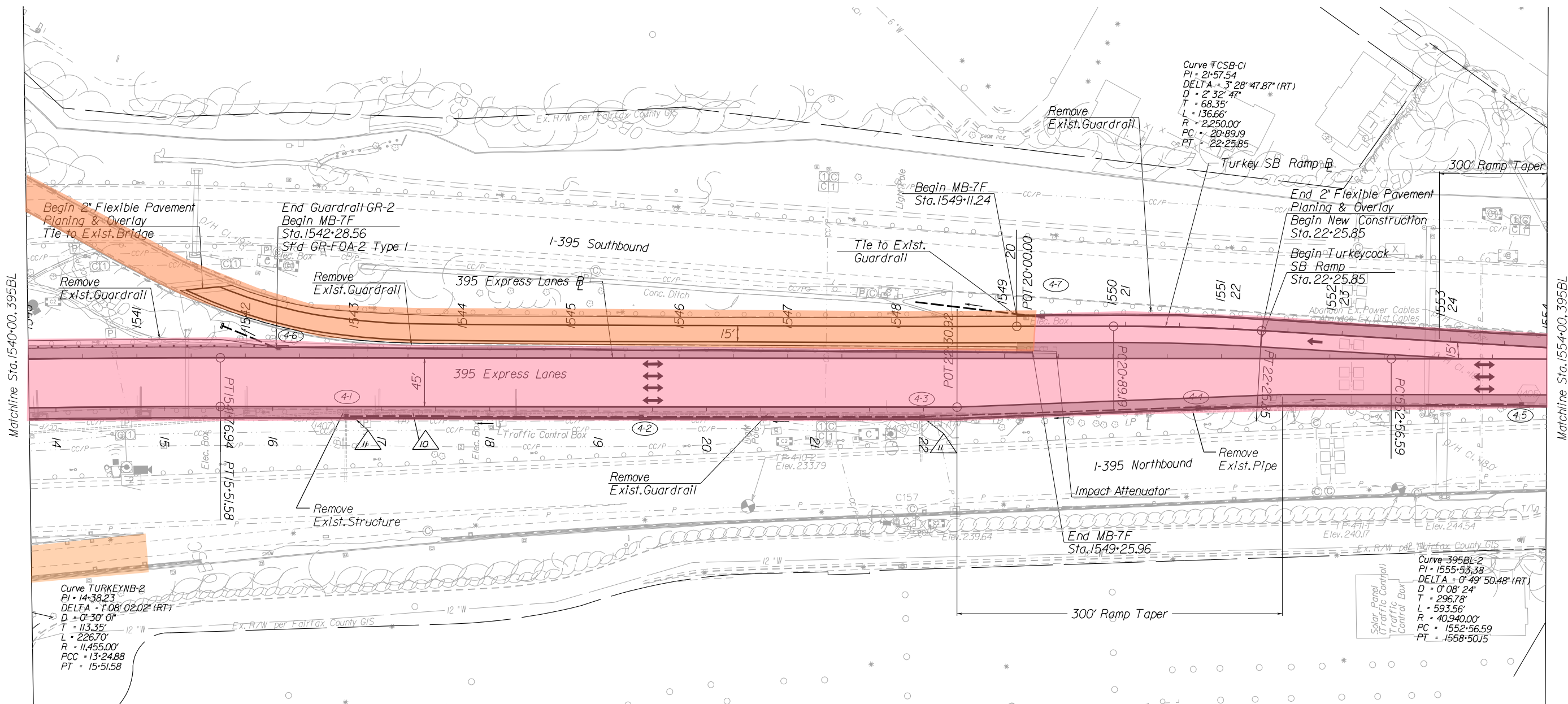
| | |
|------------------|----|
| Mainline Profile | 3A |
|------------------|----|

RFP CONCEPTUAL PLANS
DATE: 07/18/2016

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

PROJECT MANAGER Kevin G. Gentry, PE
SURVEYED BY, DATE Rice Associates
DESIGN BY HDB Engineering
SUBSURFACE UTILITY BY, DATE NZA

| REVISED | STATE | ROUTE | STATE PROJECT | SHEET NO. |
|---------|-------|-------|---------------|-----------|
| | VA. | 395 | 0395-969-205 | 4 |



LEGEND:

- Proposed Shoulder
- Proposed Guardrail
- Proposed Median Barrier
- Proposed Sign/Toll Gantry
- Travel Lane
- Proposed Drainage Pipe
- Drainage Flow Arrow

LEGEND:

- (11-1) Median Barrier Inlet
- (450) Existing Drainage Structure
- (10) Abandon Existing Pipe
- (11) Connect to Existing Pipe
- (12) Inlet Opening Required on Shoulder Side of General Purpose Lane. Provide Pipe Connection to Existing Pipe with Concrete Collar as Required
- (13) Proposed Storm Pipe
- (14) Adjust Existing Inlet

NOTES:

1. See General Plan Scroll Plots for Additional Information

LEGEND

- TU ROUTINE MAINTENANCE
- TU FULL MAINTENANCE

REFERENCES
(PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)

Mainline Profile 4A

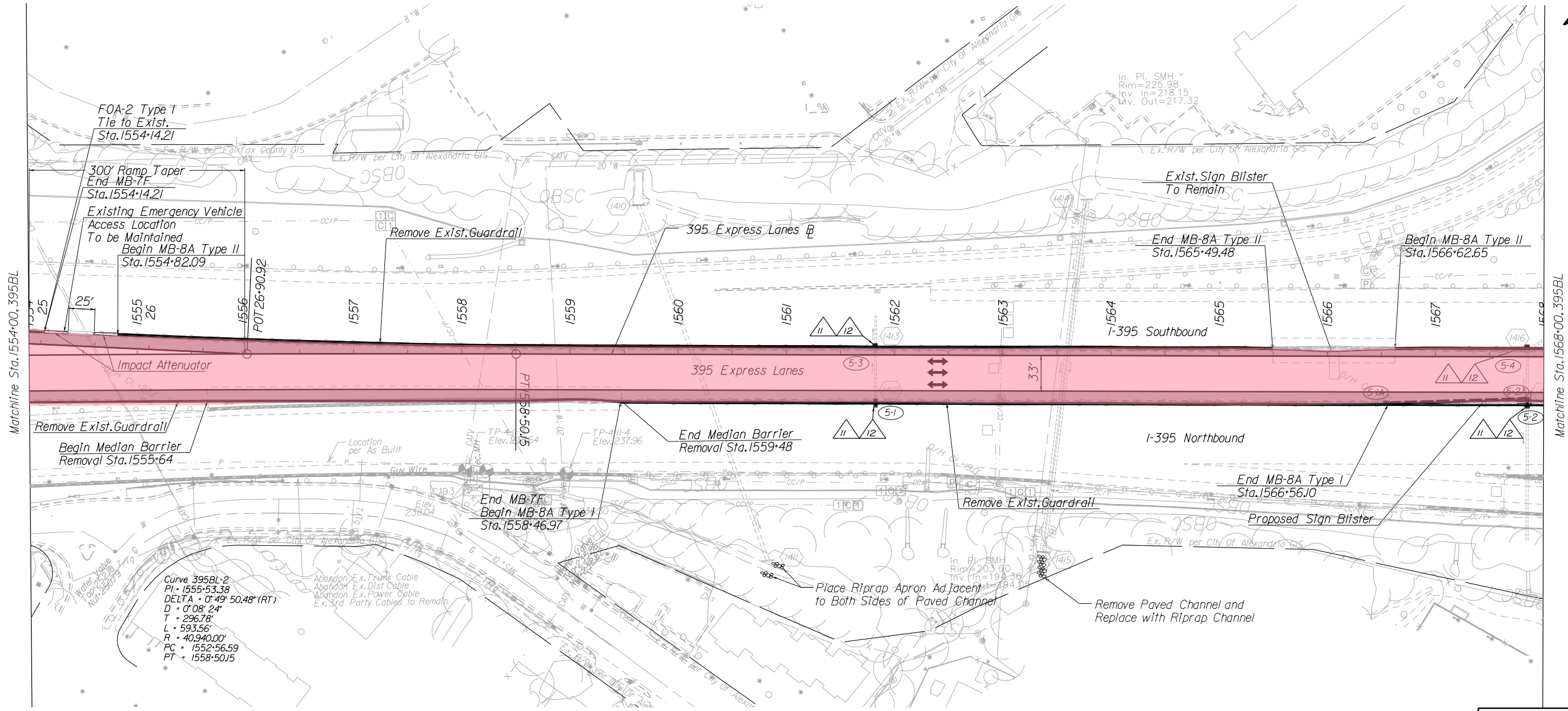
RFP CONCEPTUAL PLANS
DATE: 07/18/2016

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

| SCALE | PROJECT | SHEET NO. |
|------------|--------------|-----------|
| 0 50' 100' | 0395-969-205 | 4 |

PROJECT MANAGER Krahn, Glinerty, PE
SURVEYED BY, DATE Rice Associates
DESIGN BY HDB Engineering
SUBSURFACE UTILITY BY, DATE NZA

| REVISED | STATE | ROUTE | STATE PROJECT | SHEET NO. |
|---------|-------|-------|---------------|-----------|
| | VA. | 395 | 0395-969-205 | 5 |



Matchline Sta. 1554+00, 395BL

Matchline Sta. 1568+00, 395BL

- LEGEND:**
- Proposed Shoulder
 - Proposed Guardrail
 - Proposed Median Barrier
 - Proposed Sign/Toll Gantry
 - ↔ Travel Lane
 - Proposed Drainage Pipe
 - Drainage Flow Arrow

- LEGEND:**
- (II-I) Median Barrier Inlet
 - (450) Existing Drainage Structure
 - (10) Abandon Existing Pipe
 - (II) Connect to Existing Pipe
 - (12) Inlet Opening Required on Shoulder Side of General Purpose Lane. Provide Pipe Connection to Existing Pipe with Concrete Collar as Required
 - (13) Proposed Storm Pipe
 - (14) Adjust Existing Inlet

NOTES:
1. See General Plan Scroll Plots for Additional Information

- LEGEND**
- TU ROUTINE MAINTENANCE**
 - TU FULL MAINTENANCE**

REFERENCES
(PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)

| | |
|------------------|----|
| Mainline Profile | 5A |
|------------------|----|

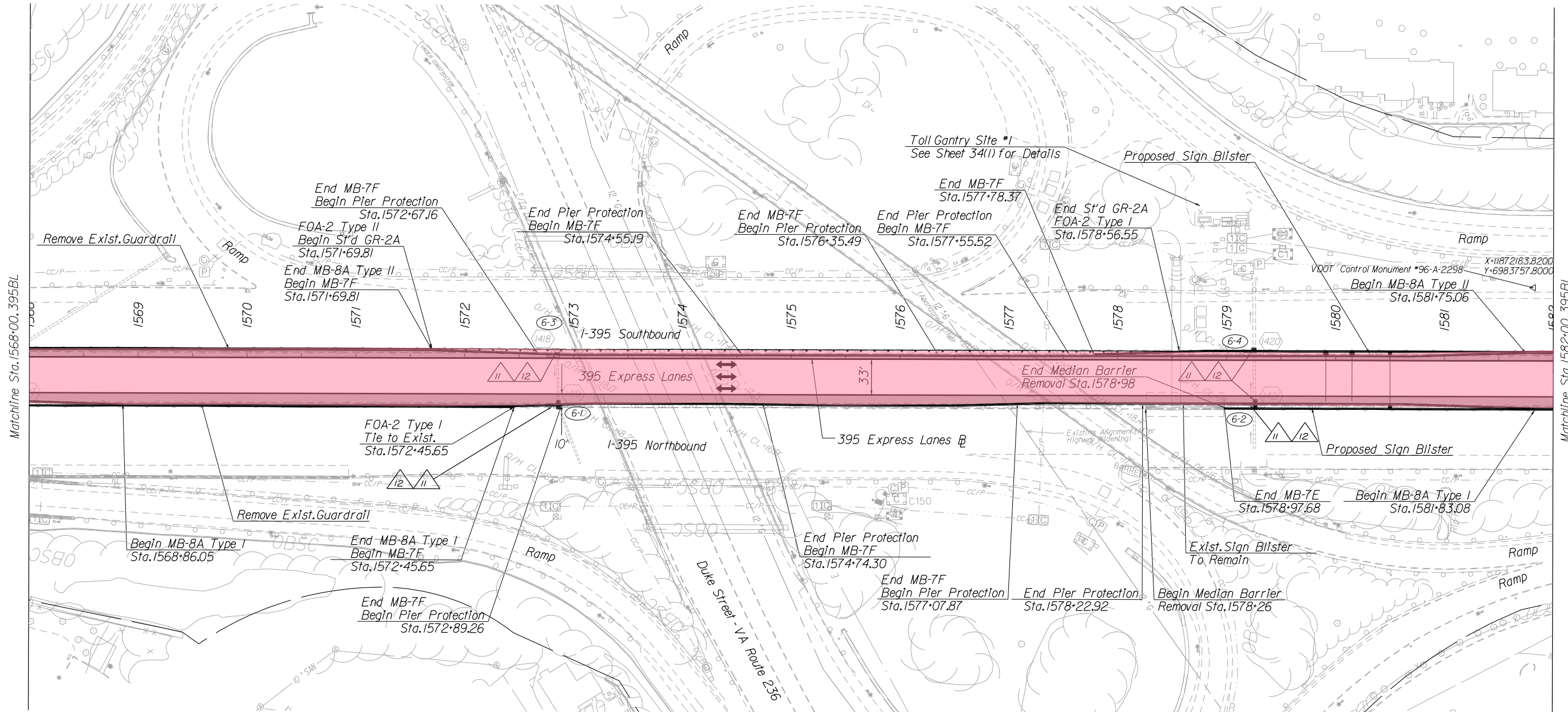
RFP CONCEPTUAL PLANS
DATE: 07/18/2016

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

| | | |
|--------------------|-------------------------|----------------|
| SCALE 0 50 100' | PROJECT 0395-969-205 | SHEET NO. 5 |
|--------------------|-------------------------|----------------|

PROJECT MANAGER Kevin G. Gentry, P.E.
SURVEYED BY, DATE Rice Associates
DESIGN BY HDB Engineering
SUBSURFACE UTILITY BY, DATE NZA

| REVISED | STATE | ROUTE | STATE PROJECT | SHEET NO. |
|---------|-------|-------|---------------|-----------|
| | VA. | 395 | 0395-969-205 | 6 |



Matchline Sta. 1568+00.395BL

Matchline Sta. 1582+00.395BL

- LEGEND:
- Proposed Shoulder
 - Proposed Guardrail
 - Proposed Median Barrier
 - Proposed Sign/Toll Gantry
 - Travel Lane
 - Proposed Drainage Pipe
 - Drainage Flow Arrow

- LEGEND:
- (II-1) Median Barrier Inlet
 - (450) Existing Drainage Structure
 - (10) Abandon Existing Pipe
 - (11) Connect to Existing Pipe
 - (12) Inlet Opening Required on Shoulder Side of General Purpose Lane. Provide Pipe Connection to Existing Pipe with Concrete Collar as Required
 - (13) Proposed Storm Pipe
 - (14) Adjust Existing Inlet
- NOTES:
1. See General Plan Scroll Plots for Additional Information

- LEGEND**
- TU ROUTINE MAINTENANCE
 - TU FULL MAINTENANCE

REFERENCES
(PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)

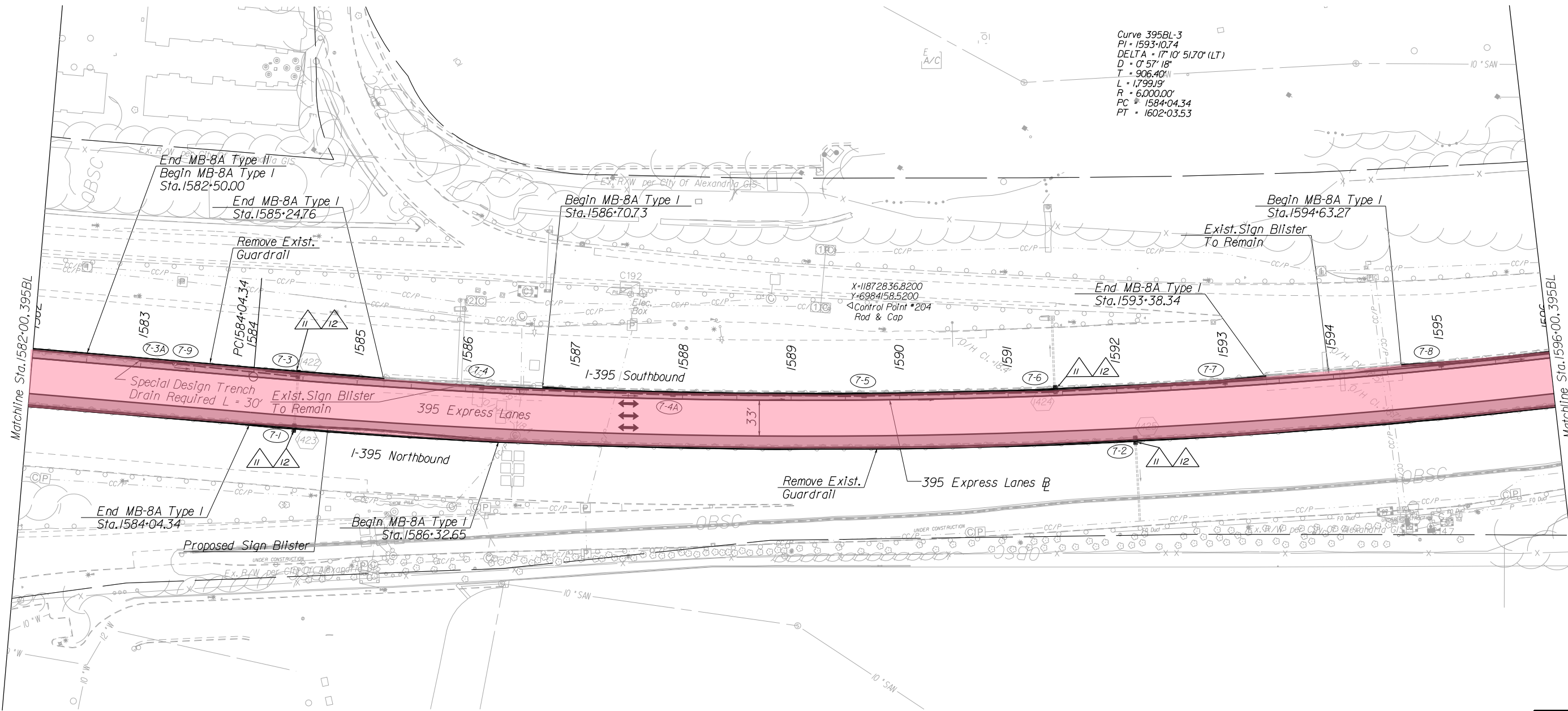
| | |
|------------------|----|
| Mainline Profile | 6A |
|------------------|----|

RFP CONCEPTUAL PLANS
DATE: 07/18/2016

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

PROJECT MANAGER Kevin G. Gentry, PE
SURVEYED BY, DATE Rice Associates
DESIGN BY HDB Engineering
SUBSURFACE UTILITY BY, DATE NZA

| REVISED | STATE | ROUTE | STATE PROJECT | SHEET NO. |
|---------|-------|-------|---------------|-----------|
| | VA. | 395 | 0395-969-205 | 7 |



- LEGEND:
- Proposed Shoulder
 - Proposed Guardrail
 - Proposed Median Barrier
 - Proposed Sign/Toll Gantry
 - Travel Lane
 - Proposed Drainage Pipe
 - Drainage Flow Arrow

- LEGEND:
- (II-1) Median Barrier Inlet
 - (450) Existing Drainage Structure
 - (10) Abandon Existing Pipe
 - (II) Connect to Existing Pipe
 - (12) Inlet Opening Required on Shoulder Side of General Purpose Lane. Provide Pipe Connection to Existing Pipe with Concrete Collar as Required
 - (13) Proposed Storm Pipe
 - (14) Adjust Existing Inlet
- NOTES:
1. See General Plan Scroll Plots for Additional Information

- LEGEND
- TU ROUTINE MAINTENANCE
 - TU FULL MAINTENANCE

REFERENCES
(PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)

| | |
|------------------|----|
| Mainline Profile | 7A |
|------------------|----|

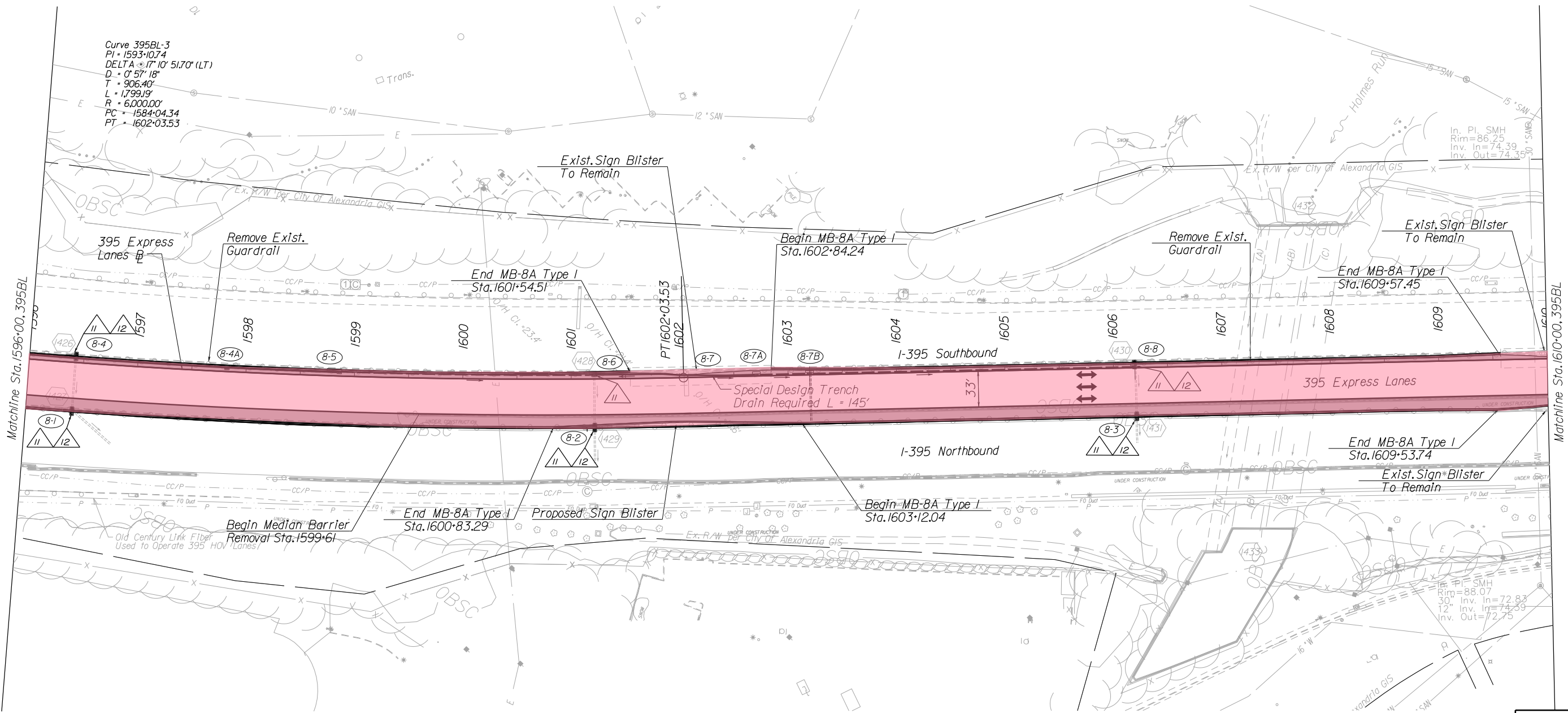
THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

| | | |
|---------------------|-------------------------|----------------|
| SCALE 0 50' 100' | PROJECT 0395-969-205 | SHEET NO. 7 |
|---------------------|-------------------------|----------------|

RFP
CONCEPTUAL
PLANS
DATE: 07/18/2016

PROJECT MANAGER Kevin G. Gentry, PE
SURVEYED BY, DATE Rize Associates
DESIGN BY HDB Engineering
SUBSURFACE UTILITY BY, DATE NZA

| REVISED | STATE | ROUTE | STATE PROJECT | SHEET NO. |
|---------|-------|-------|---------------|-----------|
| | VA. | 395 | 0395-969-205 | 8 |



Curve 395BL-3
PI = 1593+10.74
DELTA = 17° 10' 51.70" (LT)
D = 0' 57' 18"
T = 906.40'
L = 1799.19'
R = 6,000.00'
PC = 1584+04.34
PT = 1602+03.53

In. Pl. SMH
Rim = 86.25
Inv. In = 74.39
Inv. Out = 74.35

In. Pl. SMH
Rim = 88.07
30" Inv. In = 72.83
30" Inv. In = 74.39
Inv. Out = 72.75

- LEGEND:
- Proposed Shoulder
 - Proposed Guardrail
 - Proposed Median Barrier
 - Proposed Sign/Toll Gantry
 - Travel Lane
 - Proposed Drainage Pipe
 - Drainage Flow Arrow

- LEGEND:
- (II-1) Median Barrier Inlet
 - (450) Existing Drainage Structure
 - (10) Abandon Existing Pipe
 - (II) Connect to Existing Pipe
 - (12) Inlet Opening Required on Shoulder Side of General Purpose Lane. Provide Pipe Connection to Existing Pipe with Concrete Collar as Required
 - (13) Proposed Storm Pipe
 - (14) Adjust Existing Inlet
- NOTES:
1. See General Plan Scroll Plots for Additional Information

- LEGEND
- TU ROUTINE MAINTENANCE
 - TU FULL MAINTENANCE

REFERENCES
(PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)

| | |
|------------------|----|
| Mainline Profile | 8A |
|------------------|----|

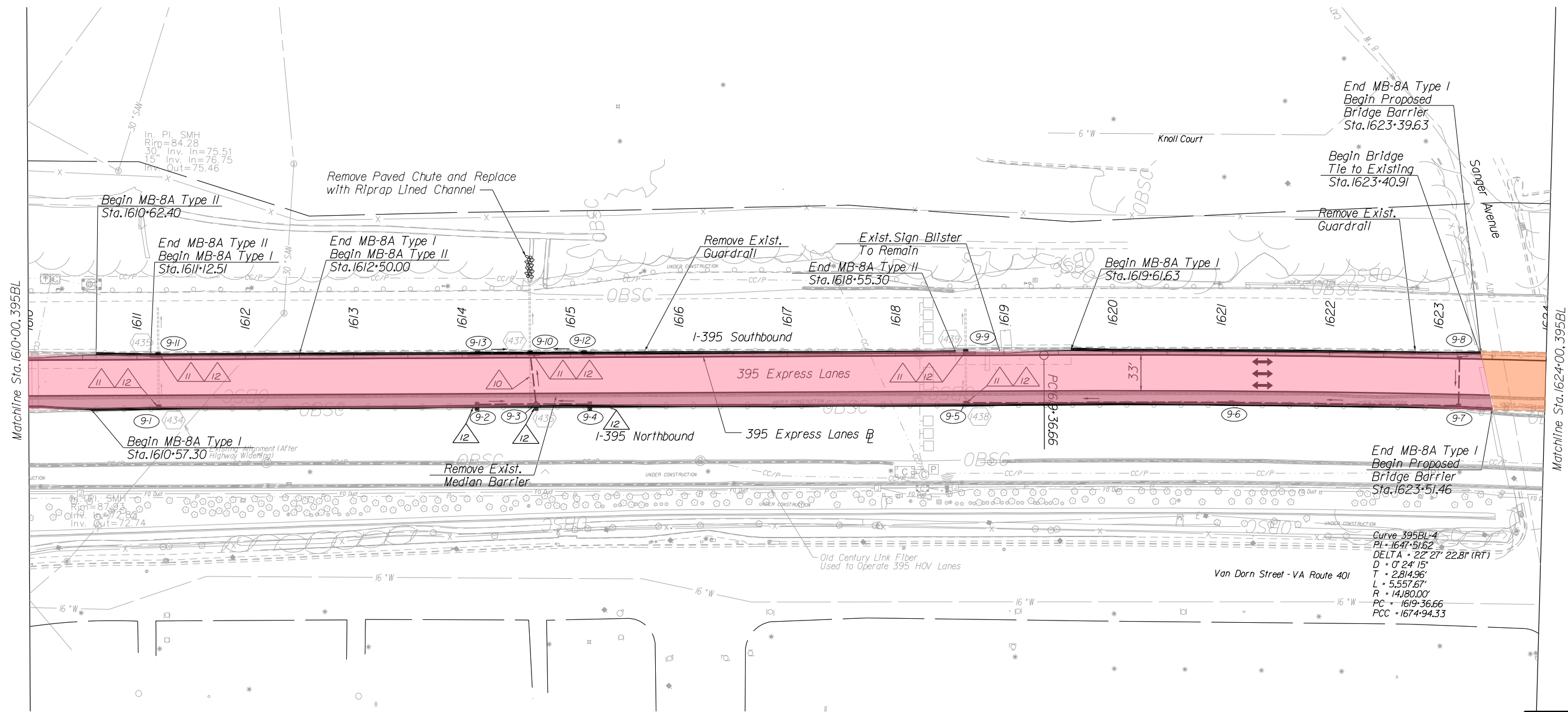
RFP CONCEPTUAL PLANS
DATE: 07/18/2016

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

| | | |
|---------------------|-------------------------|----------------|
| SCALE 0 50' 100' | PROJECT 0395-969-205 | SHEET NO. 8 |
|---------------------|-------------------------|----------------|

PROJECT MANAGER Kevin G. Gentry, PE
SURVEYED BY, DATE Rice Associates
DESIGN BY HDB Engineering
SUBSURFACE UTILITY BY, DATE NZA

| REVISED | STATE | ROUTE | STATE PROJECT | SHEET NO. |
|---------|-------|-------|---------------|-----------|
| | VA. | 395 | 0395-969-205 | 9 |



- LEGEND:**
- Proposed Shoulder
 - Proposed Guardrail
 - Proposed Median Barrier
 - Proposed Sign/Toll Gantry
 - Travel Lane
 - Proposed Drainage Pipe
 - Drainage Flow Arrow

- LEGEND:**
- (11-1) Median Barrier Inlet
 - (450) Existing Drainage Structure
 - (10) Abandon Existing Pipe
 - (11) Connect to Existing Pipe
 - (12) Inlet Opening Required on Shoulder Side of General Purpose Lane. Provide Pipe Connection to Existing Pipe with Concrete Collar as Required
 - (13) Proposed Storm Pipe
 - (14) Adjust Existing Inlet
- NOTES:**
- See General Plan Scroll Plots for Additional Information

- LEGEND**
- TU ROUTINE MAINTENANCE
 - TU FULL MAINTENANCE

REFERENCES
(PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)

| | |
|------------------|----|
| Mainline Profile | 9A |
|------------------|----|

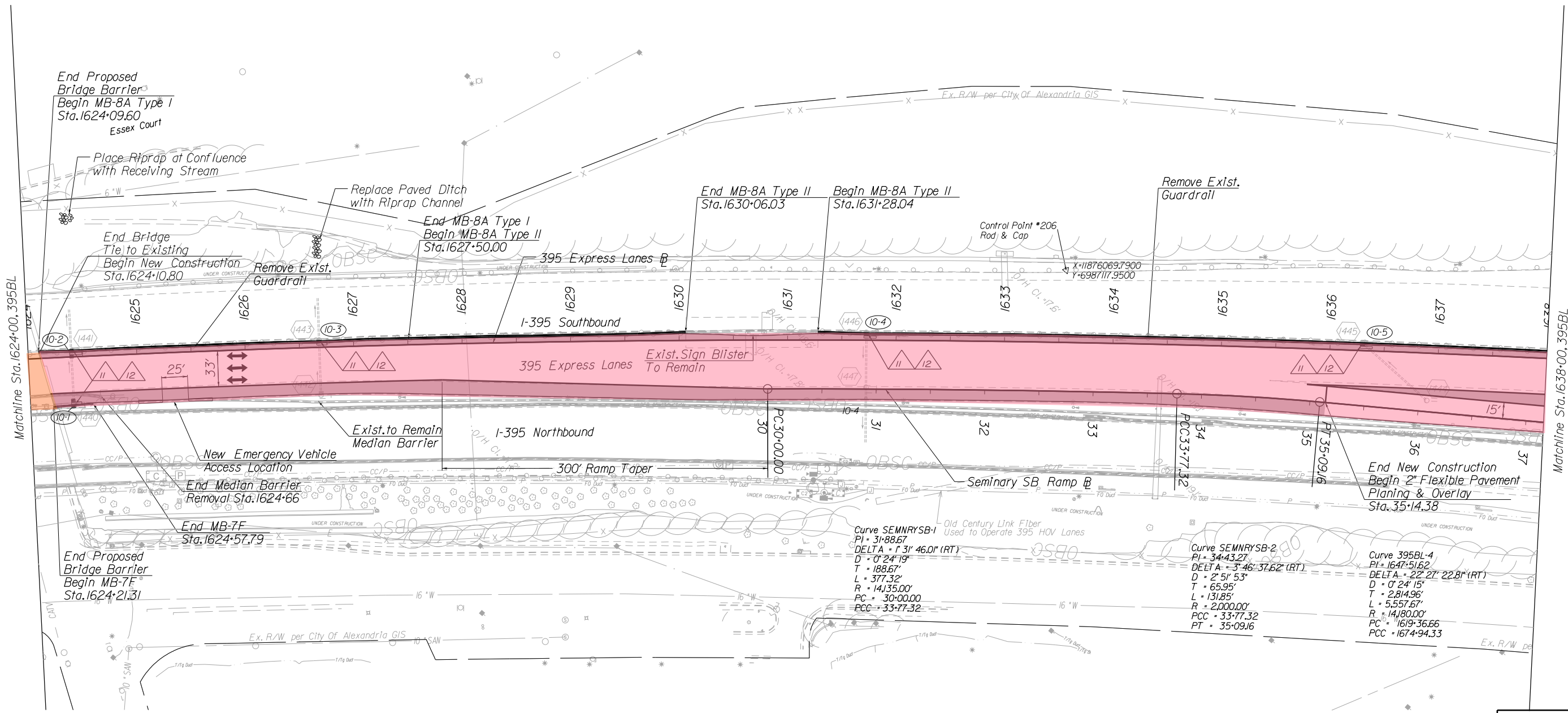
RFP CONCEPTUAL PLANS
DATE: 07/18/2016

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

| | | |
|---------------------|-------------------------|----------------|
| SCALE 0 50' 100' | PROJECT 0395-969-205 | SHEET NO. 9 |
|---------------------|-------------------------|----------------|

PROJECT MANAGER Kevin Glinerty, PE
SURVEYED BY, DATE Rize Associates
DESIGN BY HDB Engineering
SUBSURFACE UTILITY BY, DATE NZA

| REVISED | STATE | ROUTE | STATE PROJECT | SHEET NO. |
|---------|-------|-------|---------------|-----------|
| | VA. | 395 | 0395-969-205 | 10 |



End Proposed Bridge Barrier
Begin MB-8A Type I
Sta. 1624+09.60
Essex Court

Place Riprap at Confluence with Receiving Stream

Replace Paved Ditch with Riprap Channel

End MB-8A Type I
Begin MB-8A Type II
Sta. 1627+50.00

End MB-8A Type II
Sta. 1630+06.03

Begin MB-8A Type II
Sta. 1631+28.04

Remove Exst. Guardrail

End Bridge Tie to Existing
Begin New Construction
Sta. 1624+10.80

Remove Exst. Guardrail

Control Point #206
Rod & Cap
X=11876069.7900
Y=6987117.9500

1625

1626

1627

1628

1629

1630

1631

1632

1633

1634

1635

1636

1637

395 Express Lanes

Exst. Sign Blister To Remain

I-395 Northbound

300' Ramp Taper

New Emergency Vehicle Access Location

End Median Barrier Removal
Sta. 1624+66

End MB-7F
Sta. 1624+57.79

End Proposed Bridge Barrier
Begin MB-7F
Sta. 1624+21.31

Seminary SB Ramp

End New Construction
Begin 2" Flexible Pavement
Planing & Overlay
Sta. 35+14.38

Curve SEMNRYSB-1
PI = 31+88.67
DELTA = 1 31' 46.0" (RT)
D = 0' 24' 19"
T = 188.67'
L = 377.32'
R = 14135.00'
PC = 30+00.00
PCC = 33+77.32

Curve SEMNRYSB-2
PI = 34+43.27
DELTA = 3 46' 37.62" (RT)
D = 2' 51' 53"
T = 65.95'
L = 131.85'
R = 2,000.00'
PCC = 33+77.32
PT = 35+09.16

Curve 395BL-4
PI = 1647+51.62
DELTA = 22 27' 22.81" (RT)
D = 0' 24' 15"
T = 2,814.96'
L = 5,557.67'
R = 14,180.00'
PC = 1619+36.66
PCC = 1674+94.33

- LEGEND:
- Proposed Shoulder
 - Proposed Guardrail
 - Proposed Median Barrier
 - Proposed Sign/Toll Gantry
 - Travel Lane
 - Proposed Drainage Pipe
 - Drainage Flow Arrow

- LEGEND:
- (II-1) Median Barrier Inlet
 - (450) Existing Drainage Structure
 - (10) Abandon Existing Pipe
 - (11) Connect to Existing Pipe
 - (12) Inlet Opening Required on Shoulder Side of General Purpose Lane. Provide Pipe Connection to Existing Pipe with Concrete Collar as Required
 - (13) Proposed Storm Pipe
 - (14) Adjust Existing Inlet

NOTES:
1. See General Plan Scroll Plots for Additional Information

- LEGEND
- TU ROUTINE MAINTENANCE
 - TU FULL MAINTENANCE

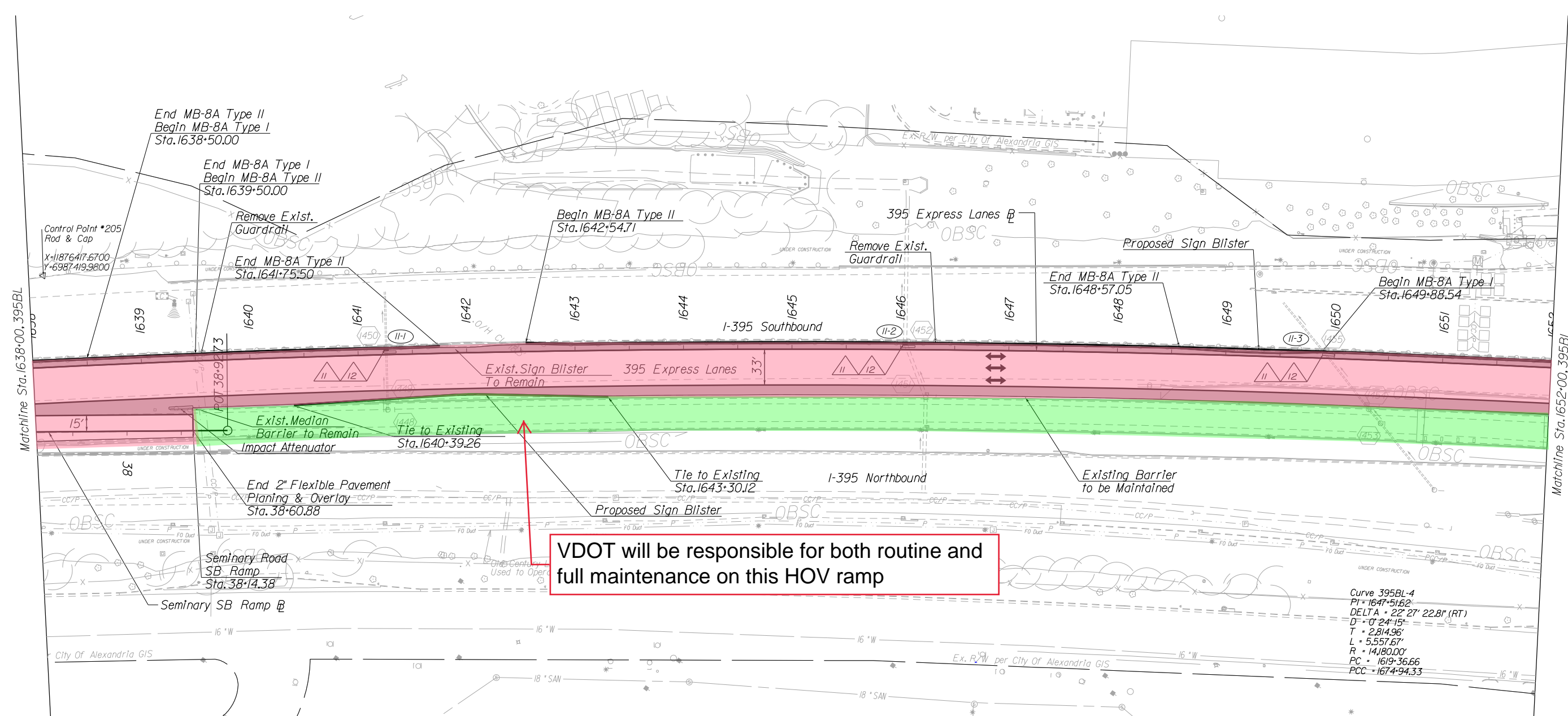
REFERENCES
(PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)
Mainline Profile IOA

RFP CONCEPTUAL PLANS
DATE: 07/18/2016

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

PROJECT MANAGER Kevin G. Gentry, PE
SURVEYED BY, DATE Rice Associates
DESIGN BY HDB Engineering
SUBSURFACE UTILITY BY, DATE NZA

| REVISED | STATE | ROUTE | STATE PROJECT | SHEET NO. |
|---------|-------|-------|---------------|-----------|
| | VA. | 395 | 0395-969-205 | 11 |



VDOT will be responsible for both routine and full maintenance on this HOV ramp

Curve 395BL-4
PI = 1647+51.62
DELTA = 22° 27' 22.81" (RT)
D = 0' 24" 15"
T = 2,814.96'
L = 5,557.67'
R = 14,180.00'
PC = 1619+36.66
PCC = 1674+94.33

- LEGEND:**
- Proposed Shoulder
 - Proposed Guardrail
 - Proposed Median Barrier
 - Proposed Sign/Toll Gantry
 - Travel Lane
 - Proposed Drainage Pipe
 - Drainage Flow Arrow

- LEGEND:**
- (11-1) Median Barrier Inlet
 - (450) Existing Drainage Structure
 - (10) Abandon Existing Pipe
 - (11) Connect to Existing Pipe
 - (12) Inlet Opening Required on Shoulder Side of General Purpose Lane. Provide Pipe Connection to Existing Pipe with Concrete Collar as Required
 - (13) Proposed Storm Pipe
 - (14) Adjust Existing Inlet
- NOTES:**
- See General Plan Scroll Plots for Additional Information

- LEGEND**
- TU ROUTINE MAINTENANCE
 - TU FULL MAINTENANCE

REFERENCES
(PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)

Mainline Profile IIA

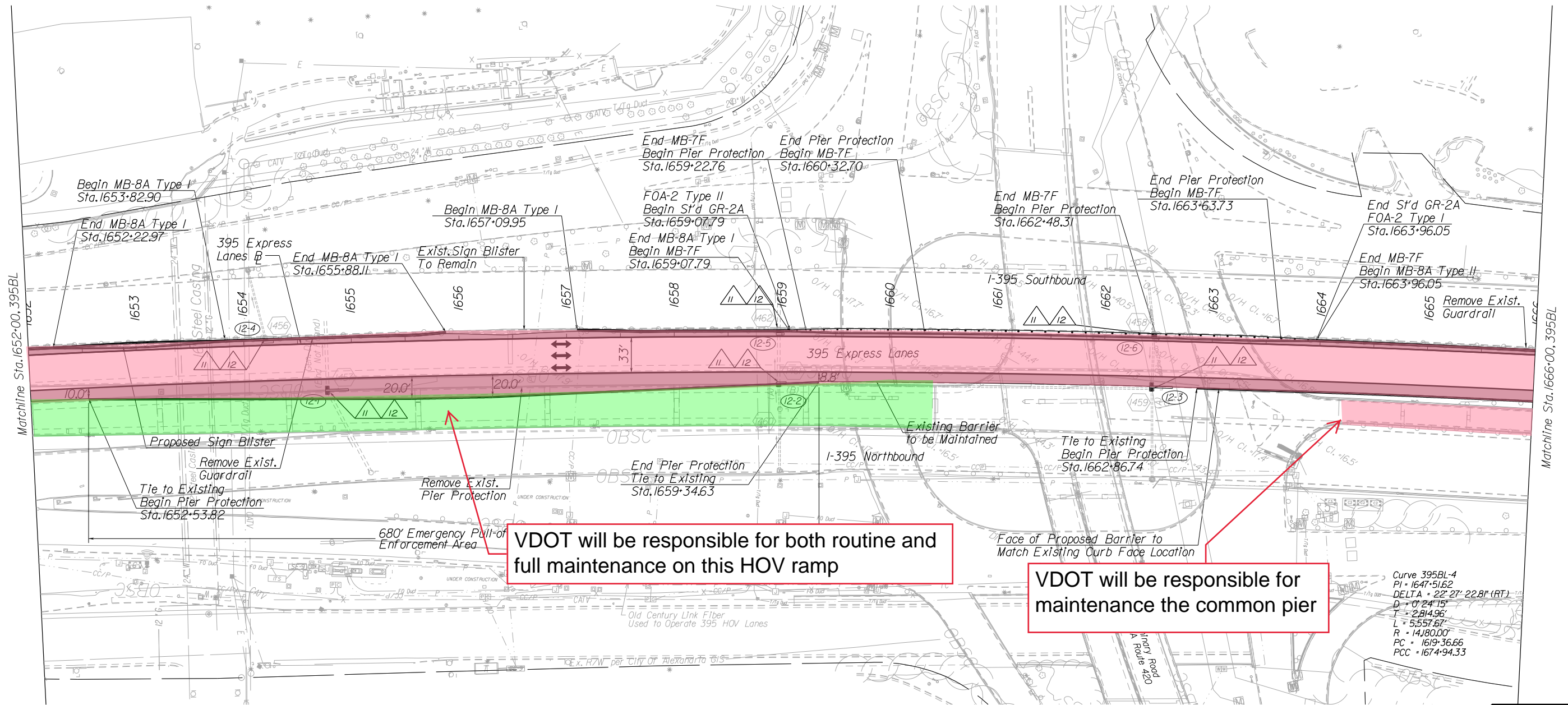
RFP CONCEPTUAL PLANS
DATE: 07/18/2016

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

| | | |
|---------------------|-------------------------|-----------------|
| SCALE 0 50' 100' | PROJECT 0395-969-205 | SHEET NO. 11 |
|---------------------|-------------------------|-----------------|

PROJECT MANAGER Kevin G. Gentry, PE
SURVEYED BY, DATE Rize Associates
DESIGN BY HDB Engineering
SUBSURFACE UTILITY BY, DATE NZA

| REVISED | STATE | ROUTE | STATE PROJECT | SHEET NO. |
|---------|-------|-------|---------------|-----------|
| | VA. | 395 | 0395-969-205 | 12 |



VDOT will be responsible for both routine and full maintenance on this HOV ramp

VDOT will be responsible for maintenance the common pier

- LEGEND:
- Proposed Shoulder
 - Proposed Guardrail
 - Proposed Median Barrier
 - Proposed Sign/Toll Gantry
 - Travel Lane
 - Proposed Drainage Pipe
 - Drainage Flow Arrow

- LEGEND:
- (11-1) Median Barrier Inlet
 - (450) Existing Drainage Structure
 - (10) Abandon Existing Pipe
 - (11) Connect to Existing Pipe
 - (12) Inlet Opening Required on Shoulder Side of General Purpose Lane. Provide Pipe Connection to Existing Pipe with Concrete Collar as Required
 - (13) Proposed Storm Pipe
 - (14) Adjust Existing Inlet
- NOTES:
- See General Plan Scroll Plots for Additional Information

- LEGEND
- TU ROUTINE MAINTENANCE
 - TU FULL MAINTENANCE

REFERENCES
(PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)

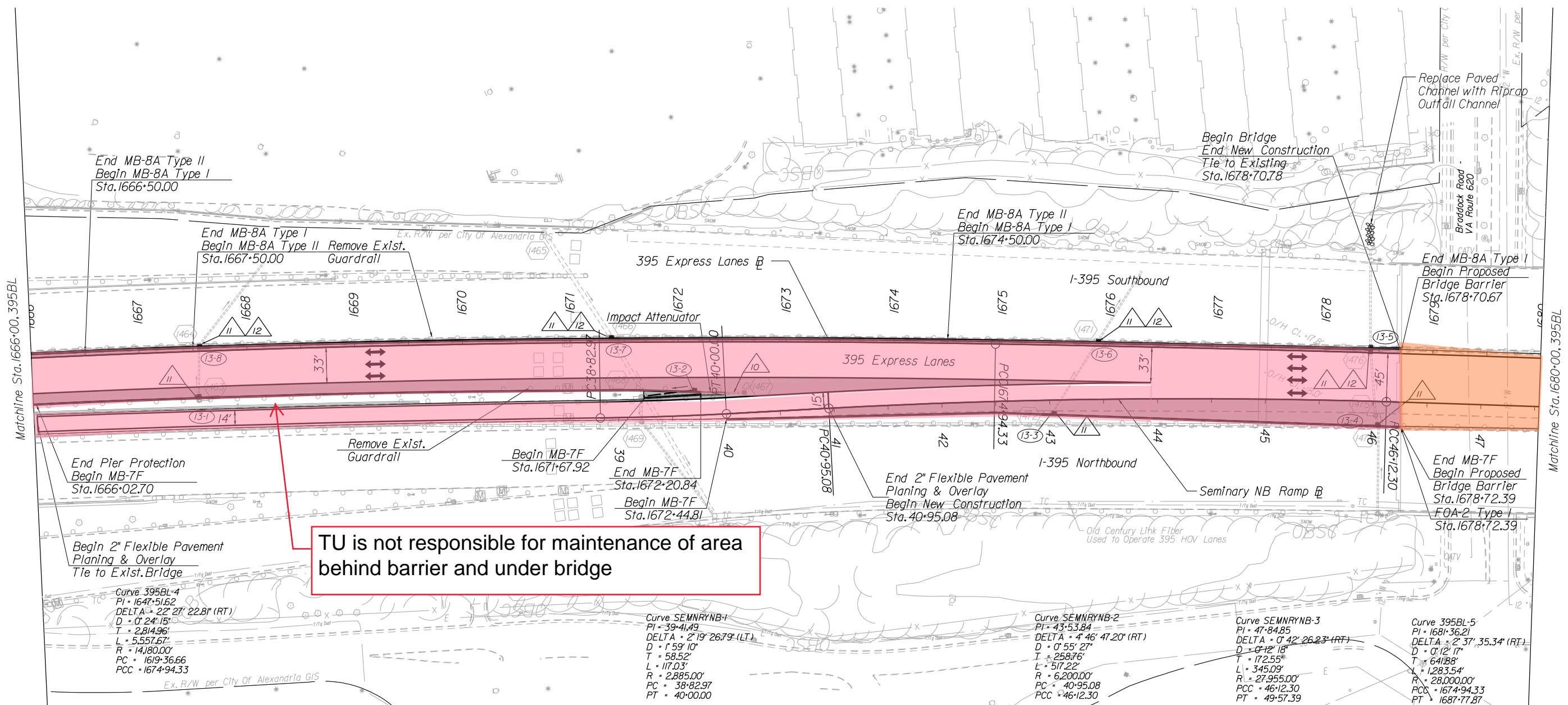
Mainline Profile 12A

RFP CONCEPTUAL PLANS
DATE: 07/18/2016

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

PROJECT MANAGER Kevin G. Gherety, PE
SURVEYED BY, DATE Rice Associates
DESIGN BY HDB Engineering
SUBSURFACE UTILITY BY, DATE NZA

| REVISED | STATE | ROUTE | STATE PROJECT | SHEET NO. |
|---------|-------|-------|---------------|-----------|
| | VA. | 395 | 0395-969-205 | 13 |



End Pier Protection
Begin MB-7F
Sta. 1666+02.70

Begin 2" Flexible Pavement
Planing & Overlay
Tie to Exist. Bridge

Curve 395BL-4
PI = 1647+51.62
DELTA = 22° 27' 22.8" (RT)
D = 0' 24' 15"
T = 2,814.96'
L = 5,557.67'
R = 14,180.00'
PC = 1619+36.66
PCC = 1674+94.33

Begin MB-7F
Sta. 1671+67.92

End MB-7F
Sta. 1672+20.84

Begin MB-7F
Sta. 1672+44.81

Curve SEMNRYNB-1
PI = 39+41.49
DELTA = 2° 19' 26.79" (LT)
D = 1° 59' 10"
T = 58.52'
L = 117.03'
R = 2,885.00'
PC = 38+82.97
PT = 40+00.00

Curve SEMNRYNB-2
PI = 43+53.84
DELTA = 4° 46' 47.20" (RT)
D = 0° 55' 27"
T = 258.76'
L = 517.22'
R = 6,200.00'
PC = 40+95.08
PCC = 46+12.30

Curve SEMNRYNB-3
PI = 47+84.85
DELTA = 0° 42' 26.23" (RT)
D = 0° 12' 18"
T = 172.55'
L = 345.09'
R = 27,955.00'
PCC = 46+12.30
PT = 49+57.39

Curve 395BL-5
PI = 1681+36.21
DELTA = 2° 37' 35.34" (RT)
D = 0° 12' 17"
T = 641.88'
L = 1,283.54'
R = 28,000.00'
PCC = 1674+94.33
PT = 1687+77.87

TU is not responsible for maintenance of area behind barrier and under bridge

- LEGEND:
- Proposed Shoulder
 - Proposed Guardrail
 - Proposed Median Barrier
 - Proposed Sign/Toll Gantry
 - Travel Lane
 - Proposed Drainage Pipe
 - Drainage Flow Arrow

- LEGEND:
- (I-1) Median Barrier Inlet
 - (450) Existing Drainage Structure
 - (10) Abandon Existing Pipe
 - (11) Connect to Existing Pipe
 - (12) Inlet Opening Required on Shoulder Side of General Purpose Lane. Provide Pipe Connection to Existing Pipe with Concrete Collar as Required
 - (13) Proposed Storm Pipe
 - (14) Adjust Existing Inlet

NOTES:
1. See General Plan Scroll Plots for Additional Information

- LEGEND
- TU ROUTINE MAINTENANCE
 - TU FULL MAINTENANCE

REFERENCES
(PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)

| | |
|------------------|-----|
| Mainline Profile | 13A |
|------------------|-----|

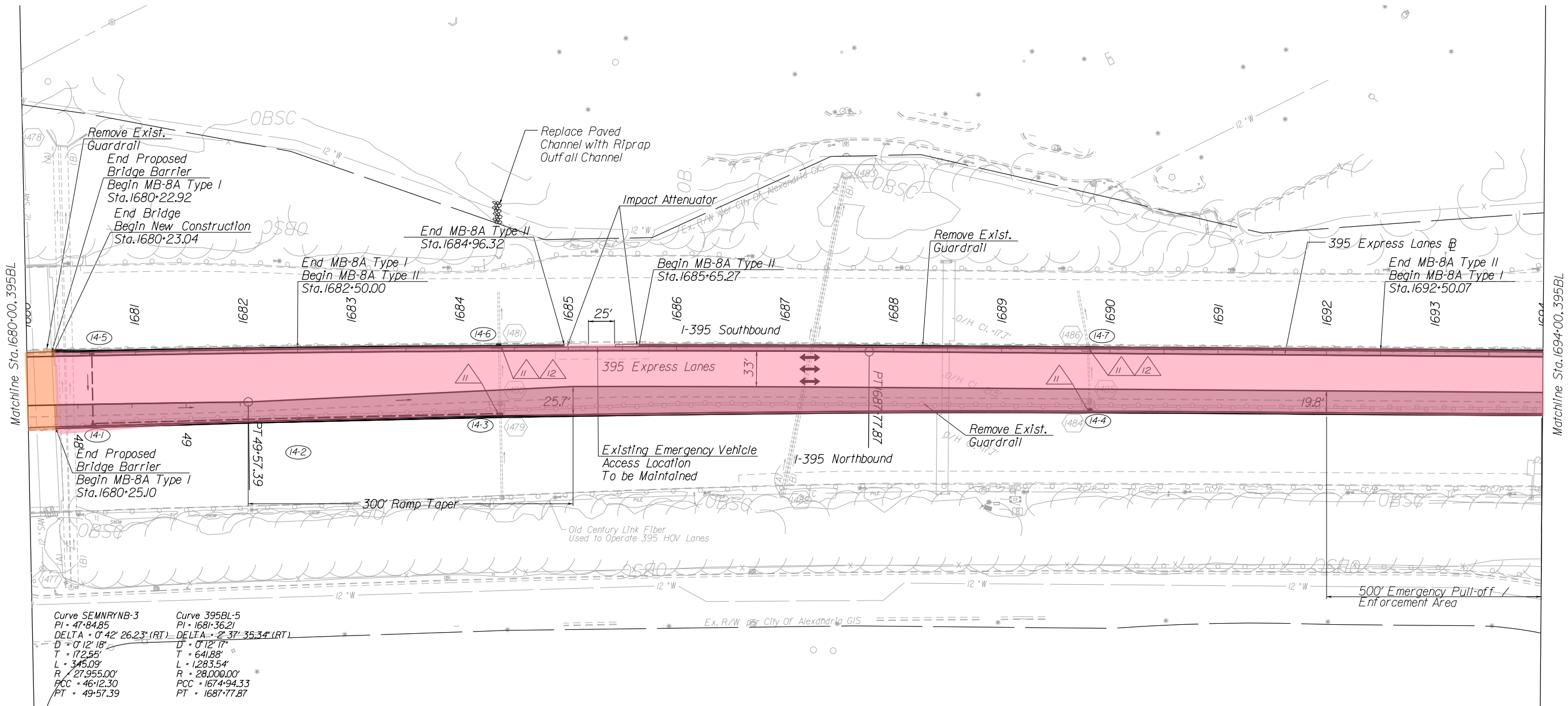
RFP CONCEPTUAL PLANS
DATE: 07/18/2016

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

| | | |
|---------------------|-------------------------|-----------------|
| SCALE 0 50' 100' | PROJECT 0395-969-205 | SHEET NO. 13 |
|---------------------|-------------------------|-----------------|

PROJECT MANAGER Kevin G. Gentry, PE
SURVEYED BY, DATE Rice Associates
DESIGN BY HDB Engineering
SUBSURFACE UTILITY BY, DATE NZA

| REVISED | STATE | ROUTE | STATE PROJECT | SHEET NO. |
|---------|-------|-------|---------------|-----------|
| | VA. | 395 | 0395-969-205 | 14 |



| | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Curve SEMNRYNB-3 PI - 47+84.85 DELTA - 0° 42' 26.23" (RT) D - 0' 12' 18" T - 172.55' L - 345.09' R - 27,955.00' PCC - 46+12.30 PT - 49+57.39 | Curve 395BL-5 PI - 1681+36.21 DELTA - 2° 37' 35.34" (RT) D - 0' 12' 17" T - 641.88' L - 1,283.54' R - 28,000.00' PCC - 1674+94.33 PT - 1687+77.87 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

- LEGEND:
- Proposed Shoulder
 - Proposed Guardrail
 - Proposed Median Barrier
 - Proposed Sign/Toll Gantry
 - Travel Lane
 - Proposed Drainage Pipe
 - Drainage Flow Arrow

- LEGEND:
- (II-1) Median Barrier Inlet
 - (450) Existing Drainage Structure
 - (10) Abandon Existing Pipe
 - (II) Connect to Existing Pipe
 - (12) Inlet Opening Required on Shoulder Side of General Purpose Lane. Provide Pipe Connection to Existing Pipe with Concrete Collar as Required
 - (13) Proposed Storm Pipe
 - (14) Adjust Existing Inlet
- NOTES:
1. See General Plan Scroll Plots for Additional Information

- LEGEND
- TU ROUTINE MAINTENANCE
 - TU FULL MAINTENANCE

REFERENCES
(PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)

| | |
|------------------|-----|
| Mainline Profile | 14A |
|------------------|-----|

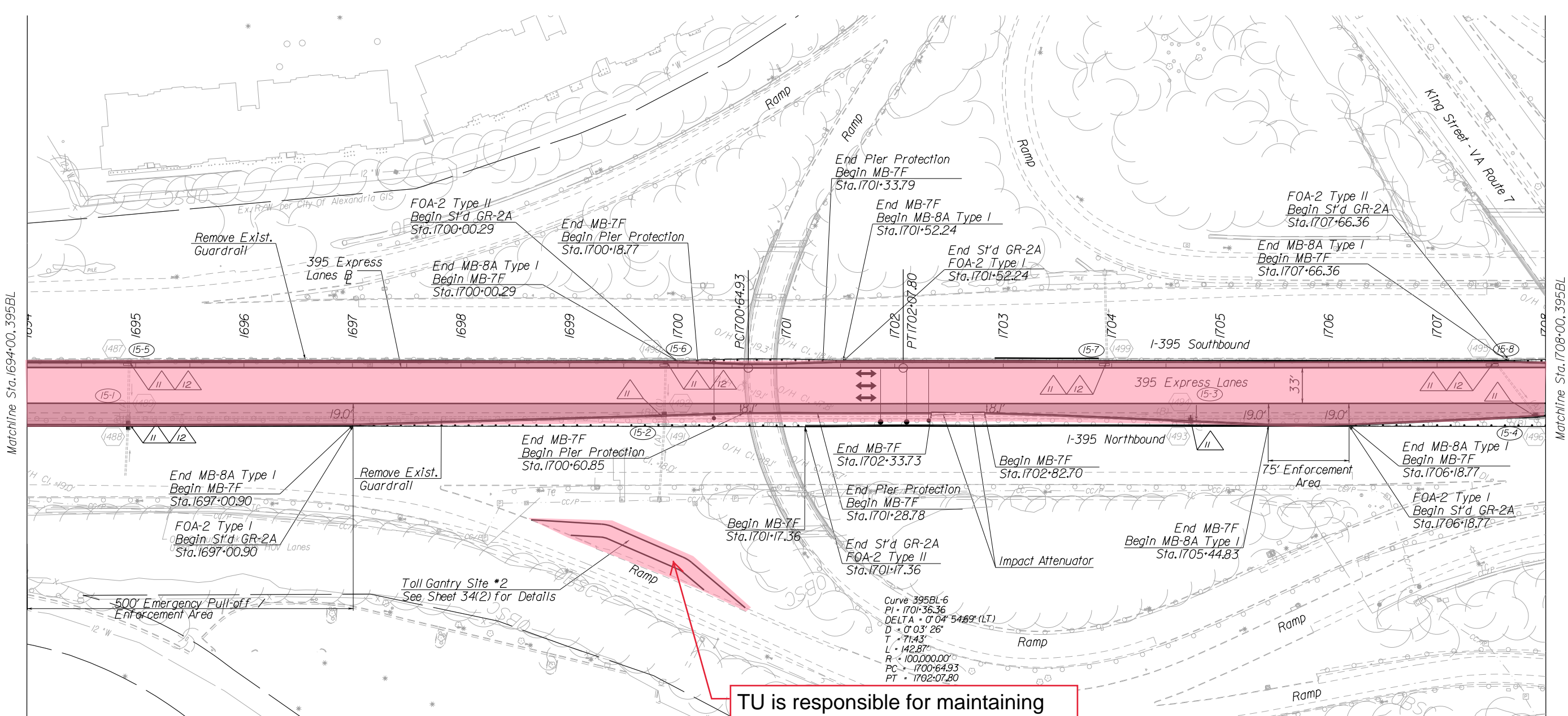
RFP CONCEPTUAL PLANS
DATE: 07/18/2016

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

| | | |
|---------------------|-------------------------|-----------------|
| SCALE 0 50' 100' | PROJECT 0395-969-205 | SHEET NO. 14 |
|---------------------|-------------------------|-----------------|

PROJECT MANAGER Kevin G. Gentry, PE
SURVEYED BY, DATE Rize Associates
DESIGN BY HDB Engineering
SUBSURFACE UTILITY BY, DATE NZA

| REVISED | STATE | ROUTE | STATE PROJECT | SHEET NO. |
|---------|-------|-------|---------------|-----------|
| | VA. | 395 | 0395-969-205 | 15 |



TU is responsible for maintaining generator and associated access

RFP CONCEPTUAL PLANS
DATE: 07/18/2016

- LEGEND:**
- Proposed Shoulder
 - Proposed Guardrail
 - Proposed Median Barrier
 - Proposed Sign/Toll Gantry
 - Travel Lane
 - Proposed Drainage Pipe
 - Drainage Flow Arrow

- LEGEND:**
- (I-1) Median Barrier Inlet
 - (450) Existing Drainage Structure
 - (10) Abandon Existing Pipe
 - (11) Connect to Existing Pipe
 - (12) Inlet Opening Required on Shoulder Side of General Purpose Lane. Provide Pipe Connection to Existing Pipe with Concrete Collar as Required
 - (13) Proposed Storm Pipe
 - (14) Adjust Existing Inlet

NOTES:
1. See General Plan Scroll Plots for Additional Information

- LEGEND**
- TU ROUTINE MAINTENANCE**
 - TU FULL MAINTENANCE**

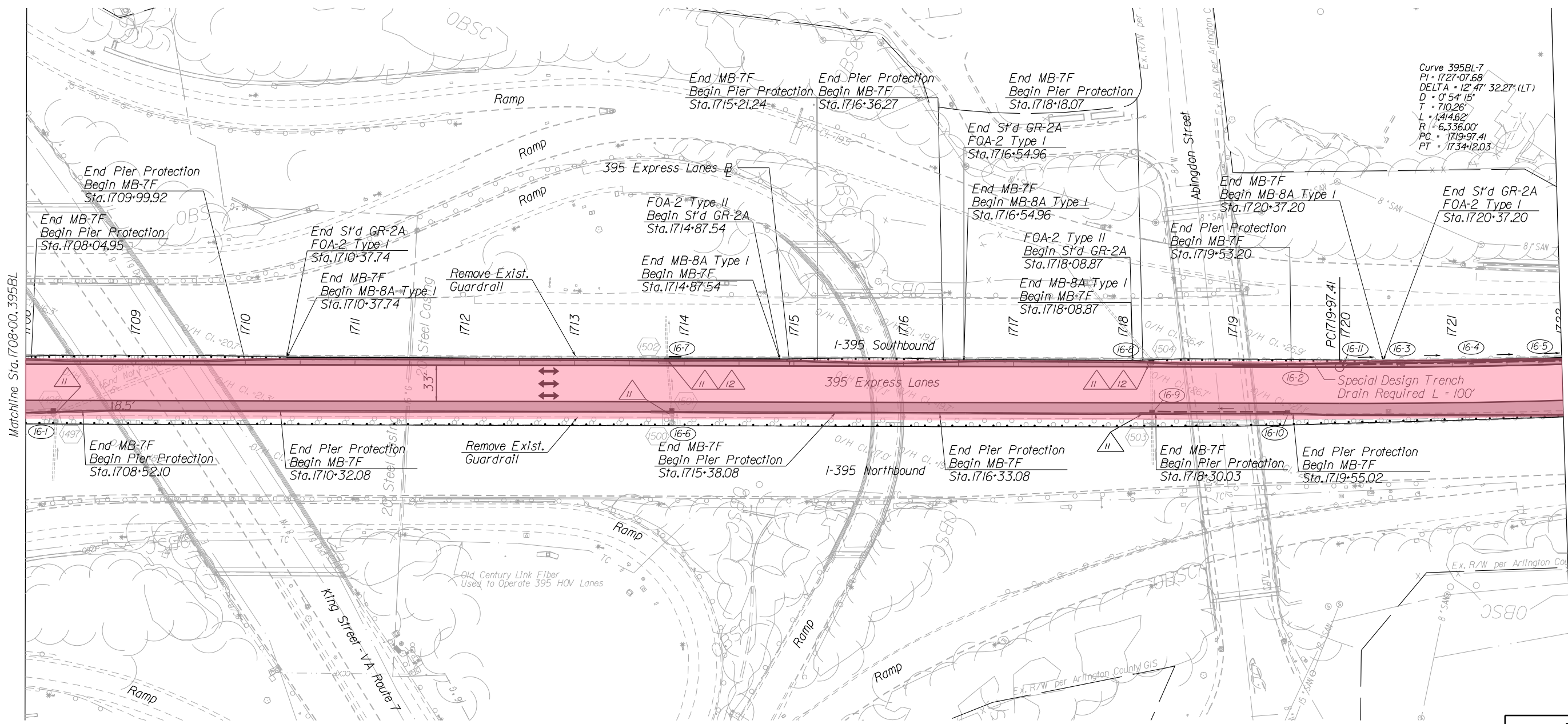
REFERENCES
(PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)

| | |
|------------------|-----|
| Mainline Profile | 15A |
|------------------|-----|

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

PROJECT MANAGER Kevin G. Gentry, PE
SURVEYED BY, DATE Rize Associates
DESIGN BY HDB Engineering
SUBSURFACE UTILITY BY, DATE NZA

| REVISED | STATE | ROUTE | STATE PROJECT | SHEET NO. |
|---------|-------|-------|---------------|-----------|
| | VA. | 395 | 0395-969-205 | 16 |



Curve 395BL-7
PI • 1727+07.68
DELTA • 12° 47' 32.27" (LT)
D • 0° 54' 15"
T • 710.26'
L • 1414.62'
R • 6336.00'
PC • 1719+97.41
PT • 1734+12.03

Matchline Sta. 1708+00.395BL

Matchline Sta. 1722+00.395BL

- LEGEND:
- Proposed Shoulder
 - Proposed Guardrail
 - Proposed Median Barrier
 - Proposed Sign/Toll Gantry
 - Travel Lane
 - Proposed Drainage Pipe
 - Drainage Flow Arrow

- LEGEND:
- II-1 Median Barrier Inlet
 - 450 Existing Drainage Structure
 - 10 Abandon Existing Pipe
 - 11 Connect to Existing Pipe
 - 12 Inlet Opening Required on Shoulder Side of General Purpose Lane. Provide Pipe Connection to Existing Pipe with Concrete Collar as Required
 - 13 Proposed Storm Pipe
 - 14 Adjust Existing Inlet
- NOTES:
1. See General Plan Scroll Plots for Additional Information

- LEGEND
- TU ROUTINE MAINTENANCE
 - TU FULL MAINTENANCE

REFERENCES
(PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)

| | |
|------------------|-----|
| Mainline Profile | 16A |
|------------------|-----|

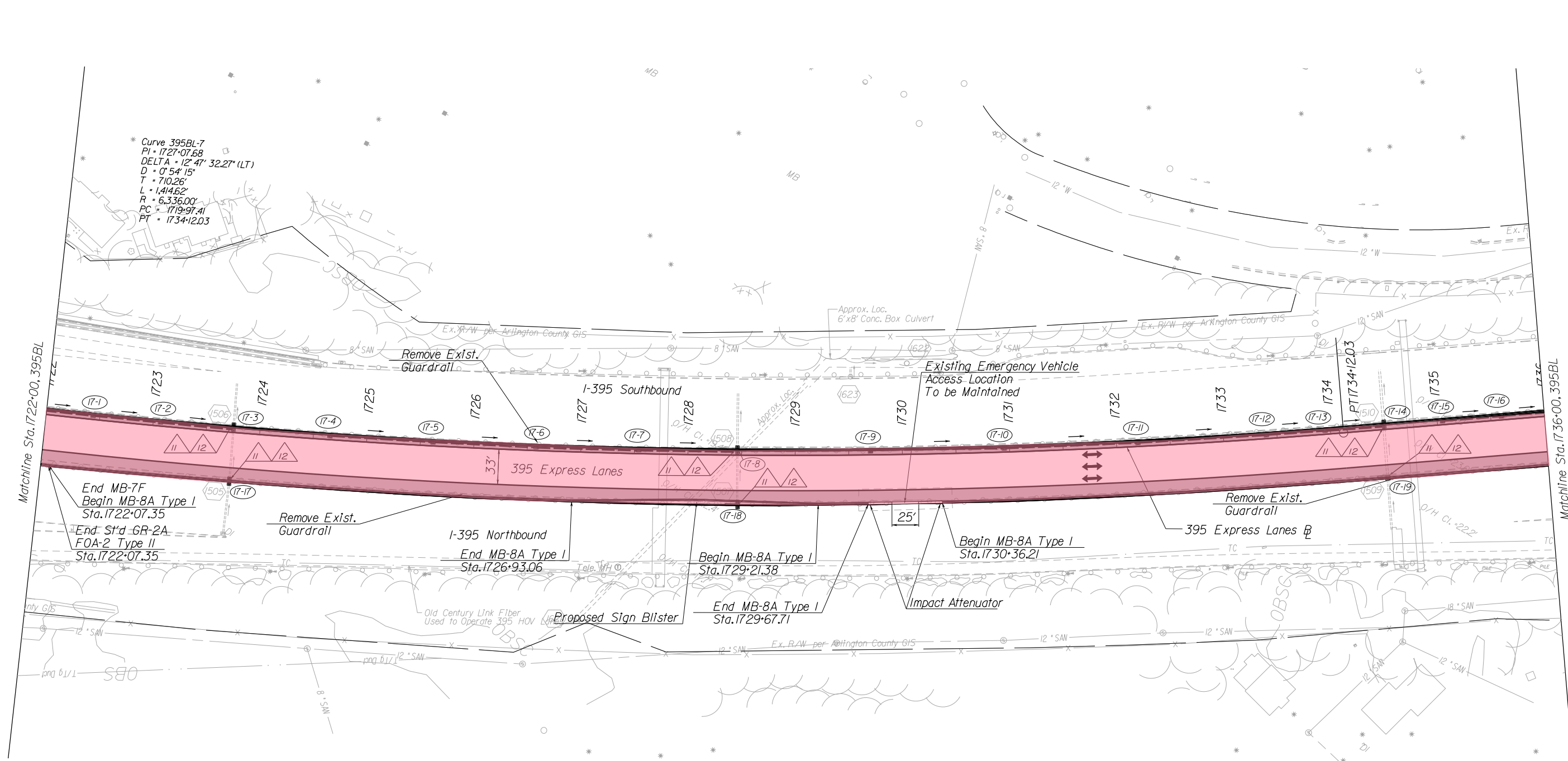
RFP CONCEPTUAL PLANS
DATE: 07/18/2016

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

| | | |
|---------------------|-------------------------|-----------------|
| SCALE 0 50' 100' | PROJECT 0395-969-205 | SHEET NO. 16 |
|---------------------|-------------------------|-----------------|

PROJECT MANAGER Kevin G. Gentry, PE
SURVEYED BY, DATE Rize Associates
DESIGN BY HDB Engineering
SUBSURFACE UTILITY BY, DATE NZA

| REVISED | STATE | ROUTE | STATE PROJECT | SHEET NO. |
|---------|-------|-------|---------------|-----------|
| | VA. | 395 | 0395-969-205 | 17 |



* Curve 395BL-7
PI = 1727+07.68
DELTA = 12° 47' 32.27" (LT)
D = 0° 54' 15"
T = 710.26'
L = 1,414.62'
R = 6,336.00'
PC = 1719+97.41
PT = 1734+12.03

End MB-7F
Begin MB-8A Type I
Sta. 1722+07.35
End Std GR-2A
FOA-2 Type II
Sta. 1722+07.35

End MB-8A Type I
Sta. 1726+93.06

Begin MB-8A Type I
Sta. 1729+21.38
End MB-8A Type I
Sta. 1729+67.71

Begin MB-8A Type I
Sta. 1730+36.21

- LEGEND:
- Proposed Shoulder
 - Proposed Guardrail
 - Proposed Median Barrier
 - Proposed Sign/Toll Gantry
 - ↔ Travel Lane
 - Proposed Drainage Pipe
 - Drainage Flow Arrow

- LEGEND:
- (11-1) Median Barrier Inlet
 - (450) Existing Drainage Structure
 - (10) Abandon Existing Pipe
 - (11) Connect to Existing Pipe
 - (12) Inlet Opening Required on Shoulder Side of General Purpose Lane. Provide Pipe Connection to Existing Pipe with Concrete Collar as Required
 - (13) Proposed Storm Pipe
 - (14) Adjust Existing Inlet

NOTES:
1. See General Plan Scroll Plots for Additional Information

- LEGEND
- TU ROUTINE MAINTENANCE
 - TU FULL MAINTENANCE

REFERENCES
(PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)

| | |
|------------------|-----|
| Mainline Profile | 17A |
|------------------|-----|

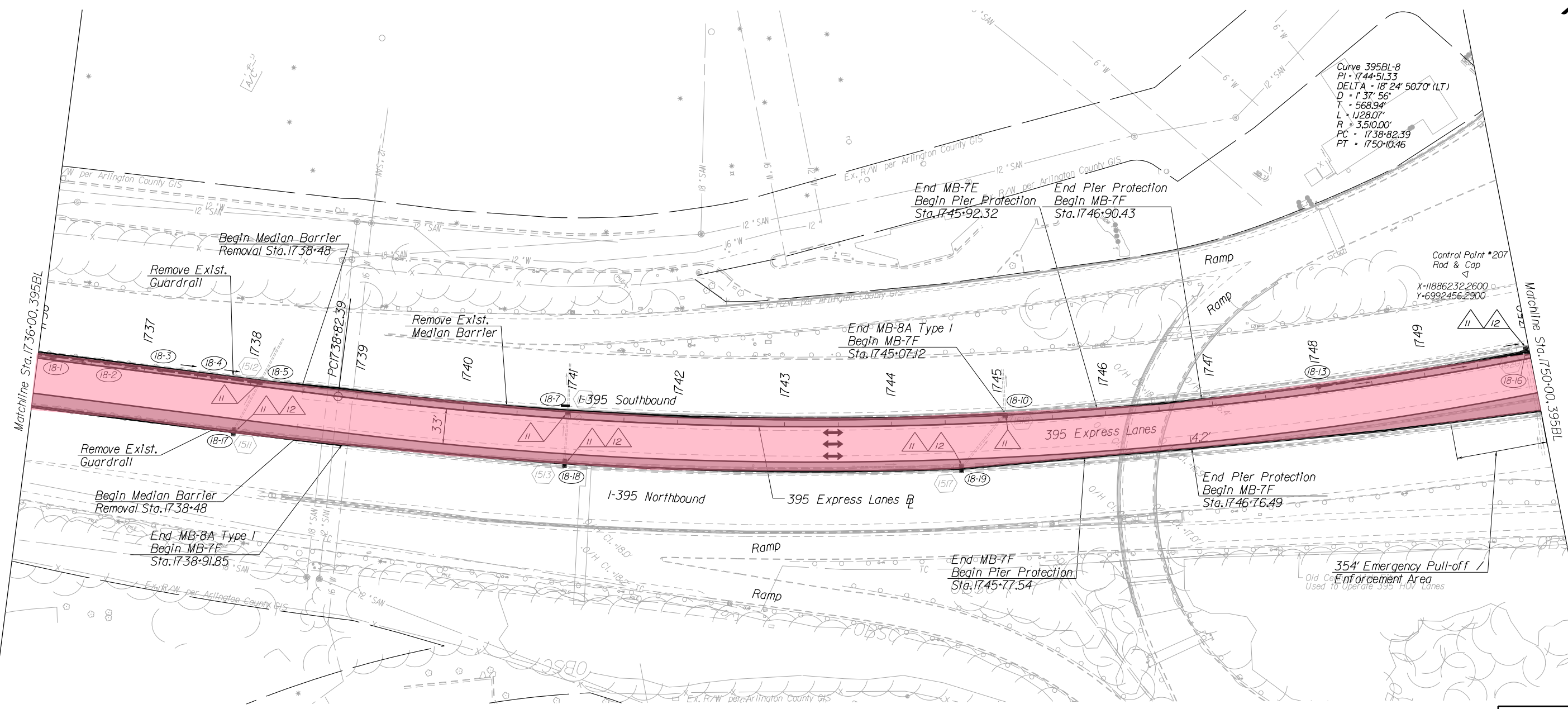
RFP
CONCEPTUAL
PLANS
DATE: 07/18/2016

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

| | | |
|---------------------|-------------------------|-----------------|
| SCALE 0 50' 100' | PROJECT 0395-969-205 | SHEET NO. 17 |
|---------------------|-------------------------|-----------------|

PROJECT MANAGER Kevin G. Gentry, PE
SURVEYED BY, DATE Rize Associates
DESIGN BY HDB Engineering
SUBSURFACE UTILITY BY, DATE NZA

| REVISED | STATE | ROUTE | STATE PROJECT | SHEET NO. |
|---------|-------|-------|---------------|-----------|
| | VA. | 395 | 0395-969-205 | 18 |



- LEGEND:
- Proposed Shoulder
 - Proposed Guardrail
 - Proposed Median Barrier
 - Proposed Sign/Toll Gantry
 - Travel Lane
 - Proposed Drainage Pipe
 - Drainage Flow Arrow

- LEGEND:
- 11-1 Median Barrier Inlet
 - 450 Existing Drainage Structure
 - 10 Abandon Existing Pipe
 - 11 Connect to Existing Pipe
 - 12 Inlet Opening Required on Shoulder Side of General Purpose Lane. Provide Pipe Connection to Existing Pipe with Concrete Collar as Required
 - 13 Proposed Storm Pipe
 - 14 Adjust Existing Inlet
- NOTES:
- See General Plan Scroll Plots for Additional Information

- LEGEND
- TU ROUTINE MAINTENANCE
 - TU FULL MAINTENANCE

REFERENCES
(PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)

| | |
|------------------|-----|
| Mainline Profile | 18A |
|------------------|-----|

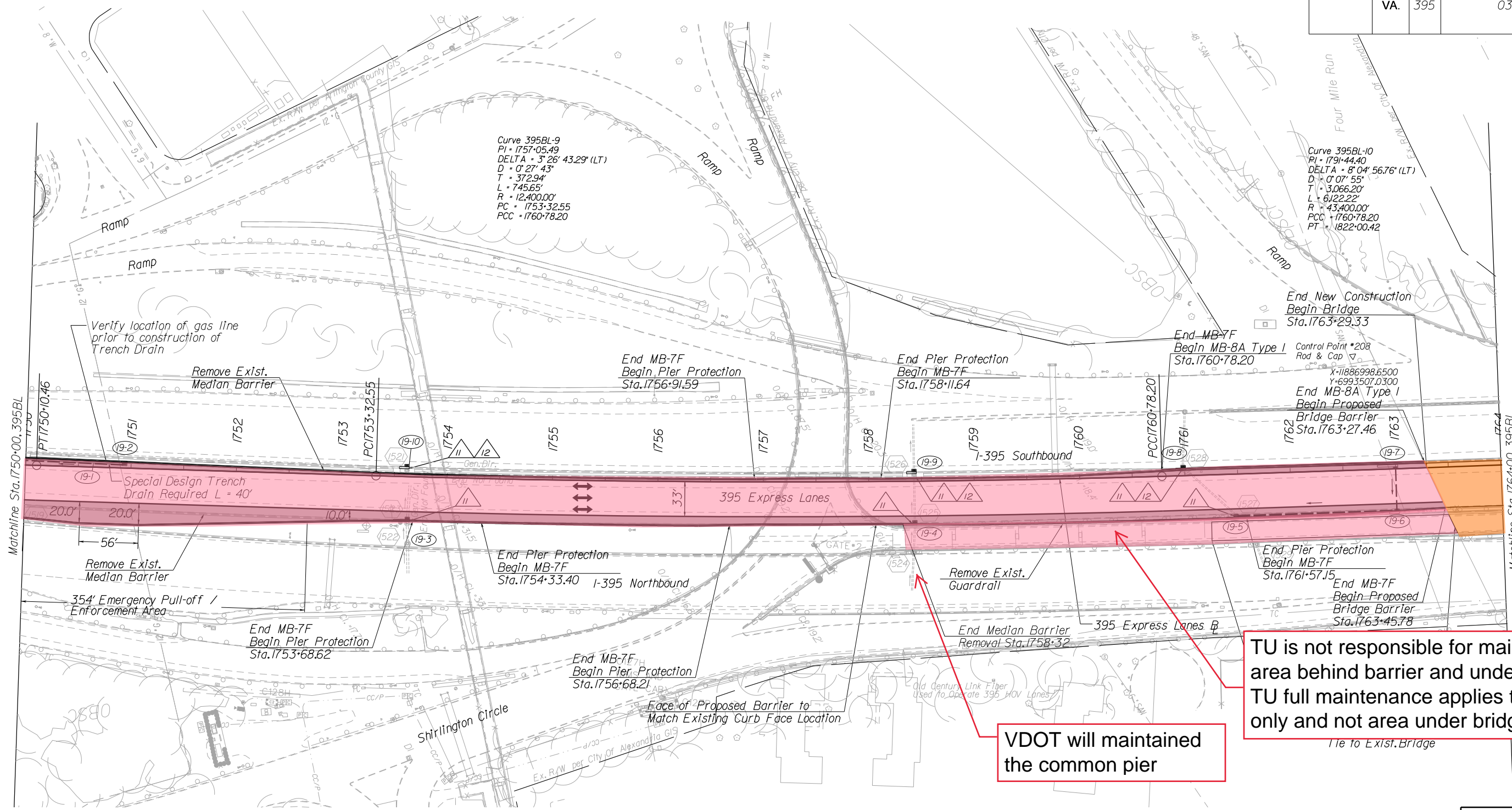
RFP CONCEPTUAL PLANS
DATE: 07/18/2016

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

| | | |
|---------------------|-------------------------|-----------------|
| SCALE 0 50' 100' | PROJECT 0395-969-205 | SHEET NO. 18 |
|---------------------|-------------------------|-----------------|

PROJECT MANAGER Kevin Ghererty, PE
SURVEYED BY, DATE Rice Associates
DESIGN BY HDB Engineering
SUBSURFACE UTILITY BY, DATE NZA

| REVISED | STATE | ROUTE | STATE PROJECT | SHEET NO. |
|---------|-------|-------|---------------|-----------|
| | VA. | 395 | 0395-969-205 | 19 |



TU is not responsible for maintenance of area behind barrier and under bridge. TU full maintenance applies to bridge only and not area under bridge

VDOT will maintained the common pier

- LEGEND:
- Proposed Shoulder
 - Proposed Guardrail
 - Proposed Median Barrier
 - Proposed Sign/Toll Gantry
 - Travel Lane
 - Proposed Drainage Pipe
 - Drainage Flow Arrow

- LEGEND:
- (II-1) Median Barrier Inlet
 - (450) Existing Drainage Structure
 - (10) Abandon Existing Pipe
 - (II) Connect to Existing Pipe
 - (12) Inlet Opening Required on Shoulder Side of General Purpose Lane. Provide Pipe Connection to Existing Pipe with Concrete Collar as Required
 - (13) Proposed Storm Pipe
 - (14) Adjust Existing Inlet
- NOTES:
1. See General Plan Scroll Plots for Additional Information

- LEGEND
- TU ROUTINE MAINTENANCE
 - TU FULL MAINTENANCE

REFERENCES
(PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)

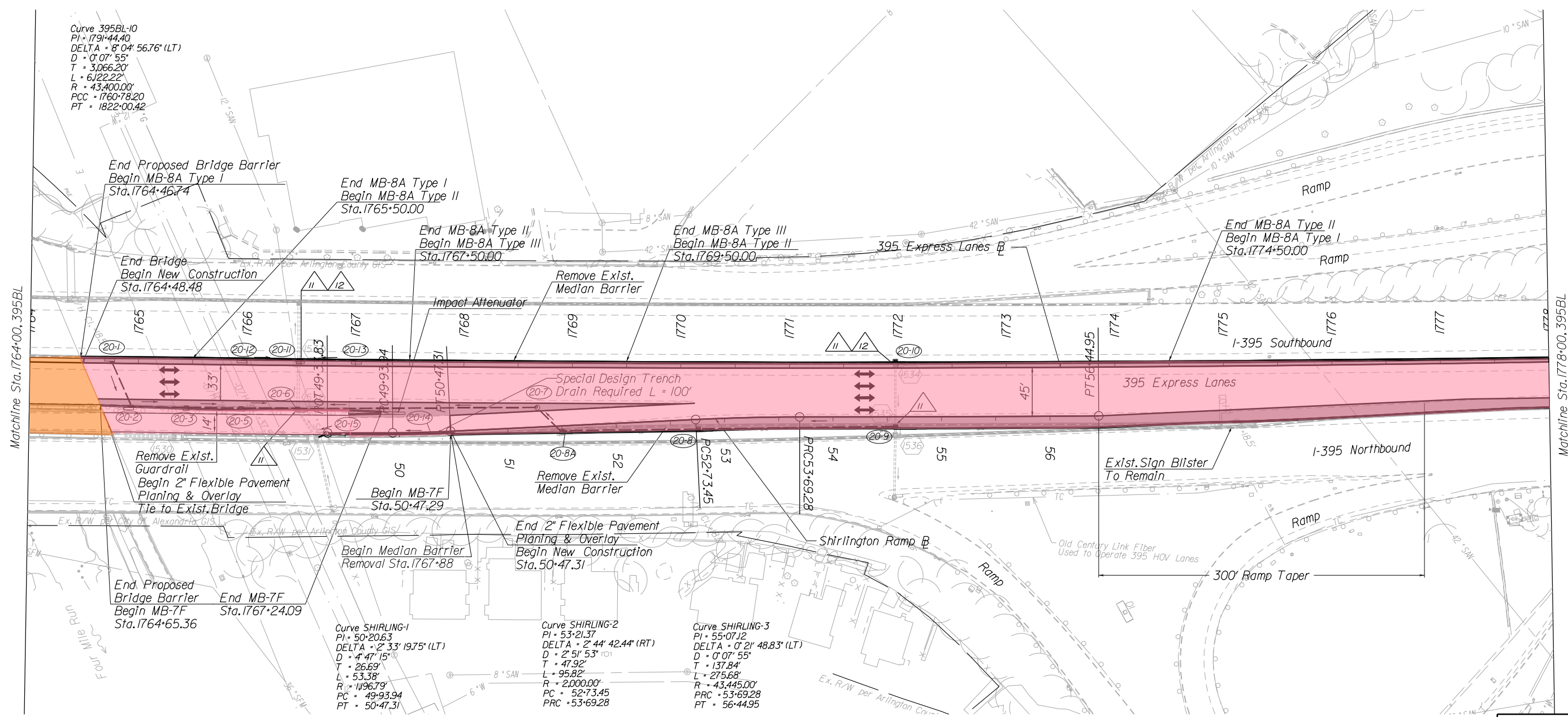
| | |
|------------------|-----|
| Mainline Profile | 19A |
|------------------|-----|

RFP CONCEPTUAL PLANS
DATE: 07/18/2016

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

PROJECT MANAGER Kevin Gherety, PE
SURVEYED BY, DATE Rize Associates
DESIGN BY HDB Engineering
SUBSURFACE UTILITY BY, DATE NZA

| REVISED | STATE | ROUTE | STATE PROJECT | SHEET NO. |
|---------|-------|-------|---------------|-----------|
| | VA. | 395 | 0395-969-205 | 20 |



- LEGEND:
- Proposed Shoulder
 - Proposed Guardrail
 - Proposed Median Barrier
 - Proposed Sign/Toll Gantry
 - Travel Lane
 - Proposed Drainage Pipe
 - Drainage Flow Arrow

- LEGEND:
- (II-1) Median Barrier Inlet
 - (450) Existing Drainage Structure
 - (10) Abandon Existing Pipe
 - (II) Connect to Existing Pipe
 - (12) Inlet Opening Required on Shoulder Side of General Purpose Lane. Provide Pipe Connection to Existing Pipe with Concrete Collar as Required
 - (13) Proposed Storm Pipe
 - (14) Adjust Existing Inlet
- NOTES:
1. See General Plan Scroll Plots for Additional Information

- LEGEND
- TU ROUTINE MAINTENANCE
 - TU FULL MAINTENANCE

REFERENCES
(PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)

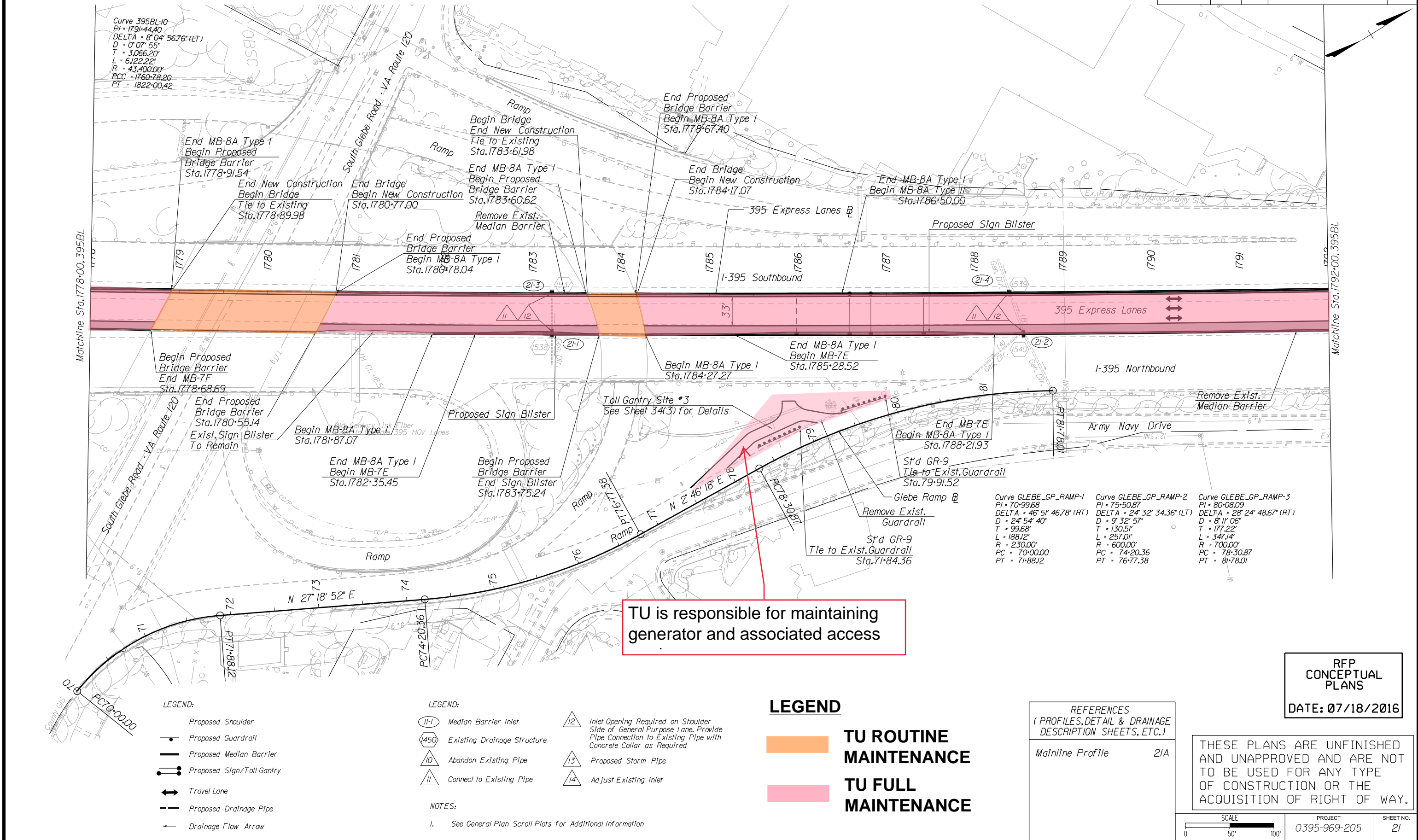
Mainline Profile 20A

RFP CONCEPTUAL PLANS
DATE: 07/18/2016

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

PROJECT MANAGER Kradin, Glnerty, PE
SURVEYED BY, DATE Rice Associates
DESIGN BY HDB Engineering
SUBSURFACE UTILITY BY, DATE NZA

| REVISED | STATE | ROUTE | STATE PROJECT | SHEET NO. |
|---------|-------|-------|---------------|-----------|
| | VA. | 395 | 0395-969-205 | 21 |



TU is responsible for maintaining generator and associated access

- LEGEND:**
- Proposed Shoulder
 - Proposed Guardrail
 - Proposed Median Barrier
 - Proposed Sign/Toll Gantry
 - Travel Lane
 - Proposed Drainage Pipe
 - Drainage Flow Arrow

- LEGEND:**
- (11-1) Median Barrier Inlet
 - (450) Existing Drainage Structure
 - (10) Abandon Existing Pipe
 - (11) Connect to Existing Pipe
- NOTES:**
- See General Plan Scroll Plots for Additional Information

- (12) Inlet Opening Required on Shoulder Side of General Purpose Lane. Provide Pipe Connection to Existing Pipe with Concrete Collar as Required
- (13) Proposed Storm Pipe
- (14) Adjust Existing Inlet

- LEGEND**
- TU ROUTINE MAINTENANCE
 - TU FULL MAINTENANCE

REFERENCES
(PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)

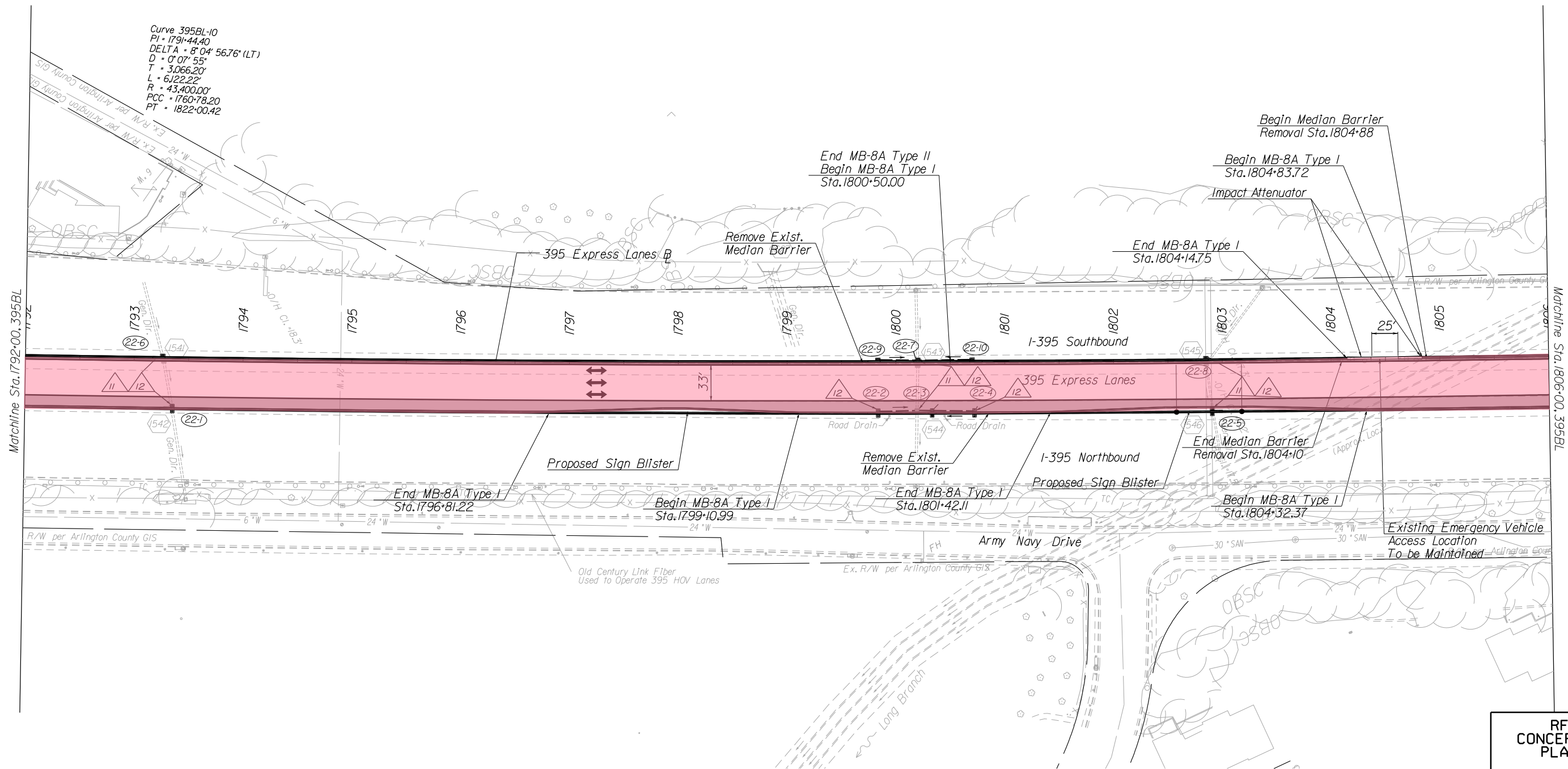
| | |
|------------------|-----|
| Mainline Profile | 21A |
|------------------|-----|

RFP CONCEPTUAL PLANS
DATE: 07/18/2016

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

PROJECT MANAGER Kevin Ghererty, PE
SURVEYED BY, DATE Rize Associates
DESIGN BY HDB Engineering
SUBSURFACE UTILITY BY, DATE NZA

| REVISED | STATE | ROUTE | STATE PROJECT | SHEET NO. |
|---------|-------|-------|---------------|-----------|
| | VA. | 395 | 0395-969-205 | 22 |



Curve 395BL-10
PI = 179+44.40
DELTA = 8° 04' 56.76" (LT)
D = 0' 07" 55"
T = 3,066.20'
L = 6,122.22'
R = 43,400.00'
PCC = 1760+78.20
PT = 1822+00.42

Matchline Sta. 1792+00, 395BL

Matchline Sta. 1806+00, 395BL

- LEGEND:
- Proposed Shoulder
 - Proposed Guardrail
 - Proposed Median Barrier
 - Proposed Sign/Toll Gantry
 - Travel Lane
 - Proposed Drainage Pipe
 - Drainage Flow Arrow

- LEGEND:
- (11-1) Median Barrier Inlet
 - (450) Existing Drainage Structure
 - (10) Abandon Existing Pipe
 - (11) Connect to Existing Pipe
 - (12) Inlet Opening Required on Shoulder Side of General Purpose Lane. Provide Pipe Connection to Existing Pipe with Concrete Collar as Required
 - (13) Proposed Storm Pipe
 - (14) Adjust Existing Inlet
- NOTES:
1. See General Plan Scroll Plots for Additional Information

- LEGEND
- TU ROUTINE MAINTENANCE
 - TU FULL MAINTENANCE

REFERENCES
(PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)

| | |
|------------------|-----|
| Mainline Profile | 22A |
|------------------|-----|

RFP CONCEPTUAL PLANS
DATE: 07/18/2016

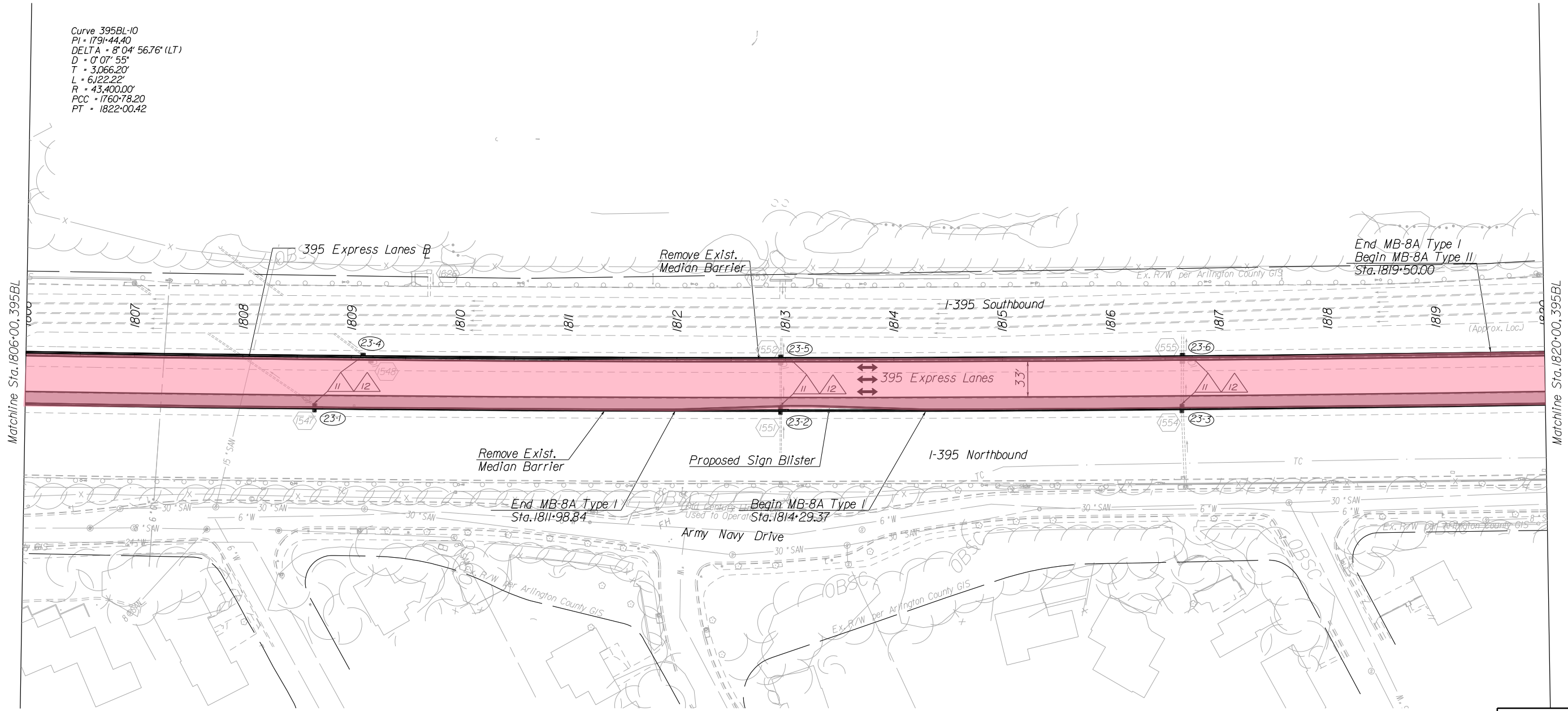
THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

| | | |
|---------------------|-------------------------|-----------------|
| SCALE 0 50' 100' | PROJECT 0395-969-205 | SHEET NO. 22 |
|---------------------|-------------------------|-----------------|

PROJECT MANAGER Kevin G. Gentry, P.E.
SURVEYED BY, DATE Rice Associates
DESIGN BY HDB Engineering
SUBSURFACE UTILITY BY, DATE NZA

| REVISED | STATE | ROUTE | STATE PROJECT | SHEET NO. |
|---------|-------|-------|---------------|-----------|
| | VA. | 395 | 0395-969-205 | 23 |

Curve 395BL-10
PI = 1791+44.40
DELTA = 8° 04' 56.76" (LT)
D = 0° 07' 55"
T = 3,066.20'
L = 6,122.22'
R = 43,400.00'
PCC = 1760+78.20
PT = 1822+00.42



- LEGEND:
- Proposed Shoulder
 - Proposed Guardrail
 - Proposed Median Barrier
 - Proposed Sign/Toll Gantry
 - Travel Lane
 - Proposed Drainage Pipe
 - Drainage Flow Arrow

- LEGEND:
- (11-1) Median Barrier Inlet
 - (450) Existing Drainage Structure
 - (10) Abandon Existing Pipe
 - (11) Connect to Existing Pipe
 - (12) Inlet Opening Required on Shoulder Side of General Purpose Lane. Provide Pipe Connection to Existing Pipe with Concrete Collar as Required
 - (13) Proposed Storm Pipe
 - (14) Adjust Existing Inlet
- NOTES:
1. See General Plan Scroll Plots for Additional Information

- LEGEND
- TU ROUTINE MAINTENANCE
 - TU FULL MAINTENANCE

REFERENCES
(PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)

| | |
|------------------|-----|
| Mainline Profile | 23A |
|------------------|-----|

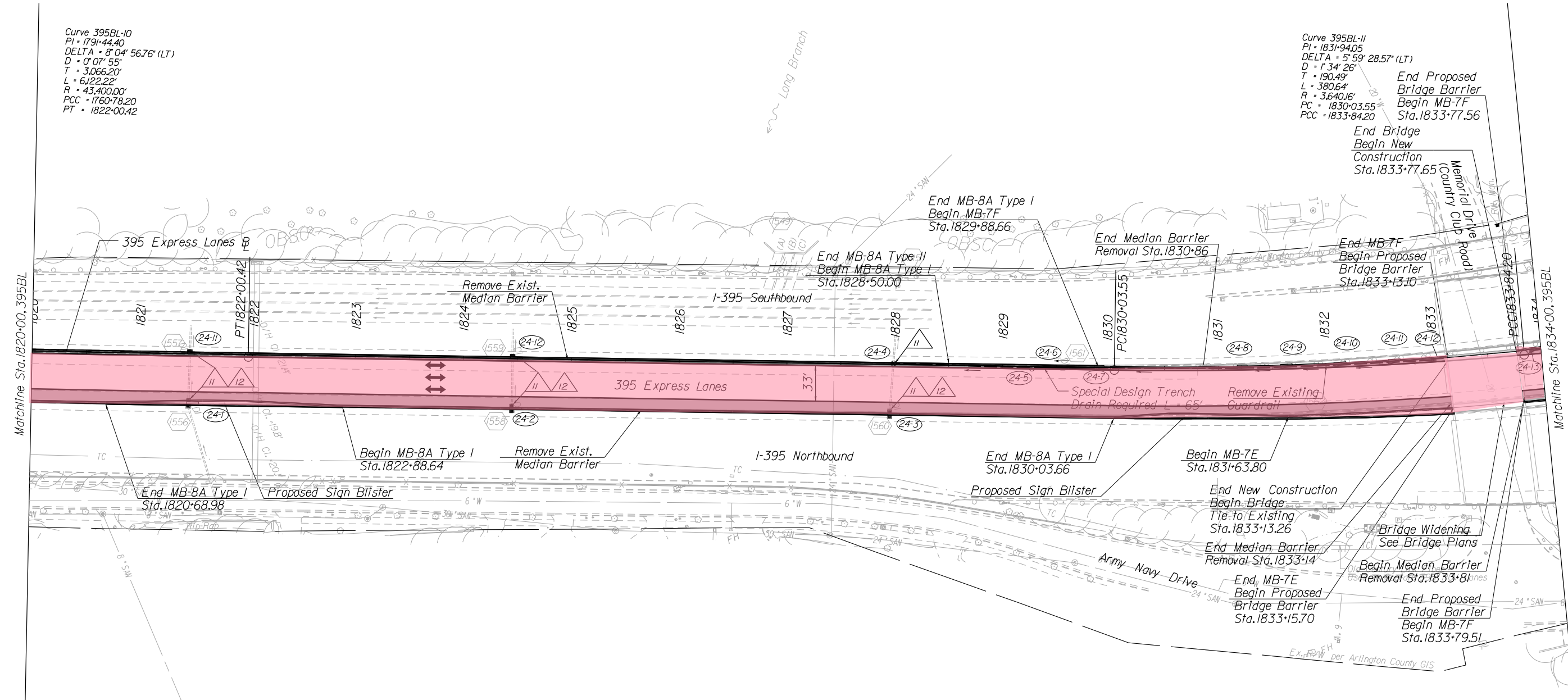
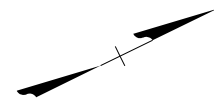
RFP CONCEPTUAL PLANS
DATE: 07/18/2016

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

| | | |
|---------------------|-------------------------|-----------------|
| SCALE 0 50' 100' | PROJECT 0395-969-205 | SHEET NO. 23 |
|---------------------|-------------------------|-----------------|

PROJECT MANAGER Kevin Glinerty, PE
SURVEYED BY, DATE Rize Associates
DESIGN BY HDB Engineering
SUBSURFACE UTILITY BY, DATE NZA

| REVISED | STATE | ROUTE | STATE PROJECT | SHEET NO. |
|---------|-------|-------|---------------|-----------|
| | VA. | 395 | 0395-969-205 | 24 |



- LEGEND:
- Proposed Shoulder
 - Proposed Guardrail
 - Proposed Median Barrier
 - Proposed Sign/Toll Gantry
 - Travel Lane
 - Proposed Drainage Pipe
 - Drainage Flow Arrow

- LEGEND:
- Median Barrier Inlet
 - Existing Drainage Structure
 - Abandon Existing Pipe
 - Connect to Existing Pipe
 - Inlet Opening Required on Shoulder Side of General Purpose Lane. Provide Pipe Connection to Existing Pipe with Concrete Collar as Required
 - Proposed Storm Pipe
 - Adjust Existing Inlet
- NOTES:
1. See General Plan Scroll Plots for Additional Information

- LEGEND
- TU ROUTINE MAINTENANCE
 - TU FULL MAINTENANCE

REFERENCES
(PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)

| | |
|------------------|-----|
| Mainline Profile | 24A |
|------------------|-----|

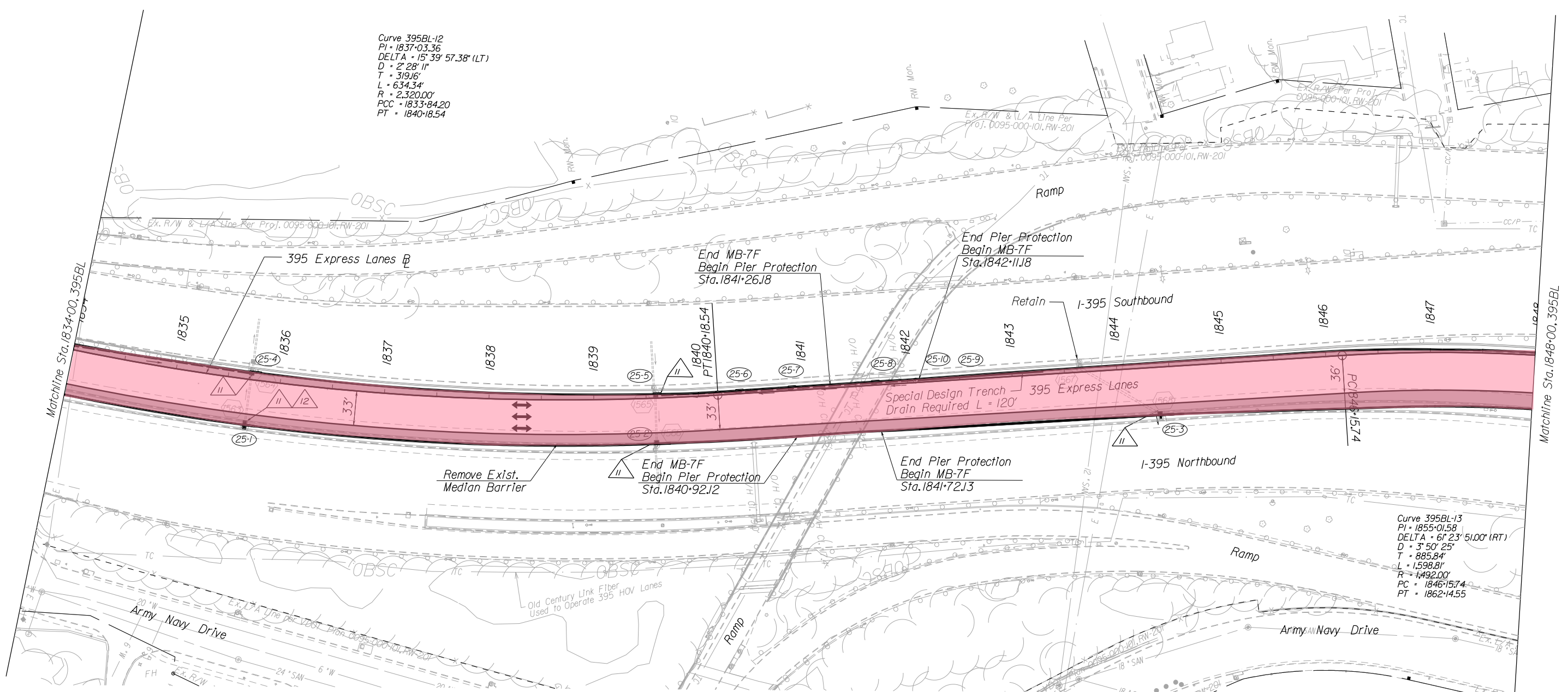
RFP CONCEPTUAL PLANS
DATE: 07/18/2016

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

| | | |
|---------------------|-------------------------|-----------------|
| SCALE 0 50' 100' | PROJECT 0395-969-205 | SHEET NO. 24 |
|---------------------|-------------------------|-----------------|

PROJECT MANAGER Kevin Ghererty, PE
SURVEYED BY, DATE Rize Associates
DESIGN BY HDB Engineering
SUBSURFACE UTILITY BY, DATE NZA

| REVISED | STATE | ROUTE | STATE PROJECT | SHEET NO. |
|---------|-------|-------|---------------|-----------|
| | VA. | 395 | 0395-969-205 | 25 |



- LEGEND:
- Proposed Shoulder
 - Proposed Guardrail
 - Proposed Median Barrier
 - Proposed Sign/Toll Gantry
 - Travel Lane
 - Proposed Drainage Pipe
 - Drainage Flow Arrow

- LEGEND:
- (II-1) Median Barrier Inlet
 - (450) Existing Drainage Structure
 - (10) Abandon Existing Pipe
 - (11) Connect to Existing Pipe
 - (12) Inlet Opening Required on Shoulder Side of General Purpose Lane. Provide Pipe Connection to Existing Pipe with Concrete Collar as Required
 - (13) Proposed Storm Pipe
 - (14) Adjust Existing Inlet

NOTES:
1. See General Plan Scroll Plots for Additional Information

- LEGEND
- TU ROUTINE MAINTENANCE
 - TU FULL MAINTENANCE

REFERENCES
(PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)

| | |
|------------------|-----|
| Mainline Profile | 25A |
|------------------|-----|

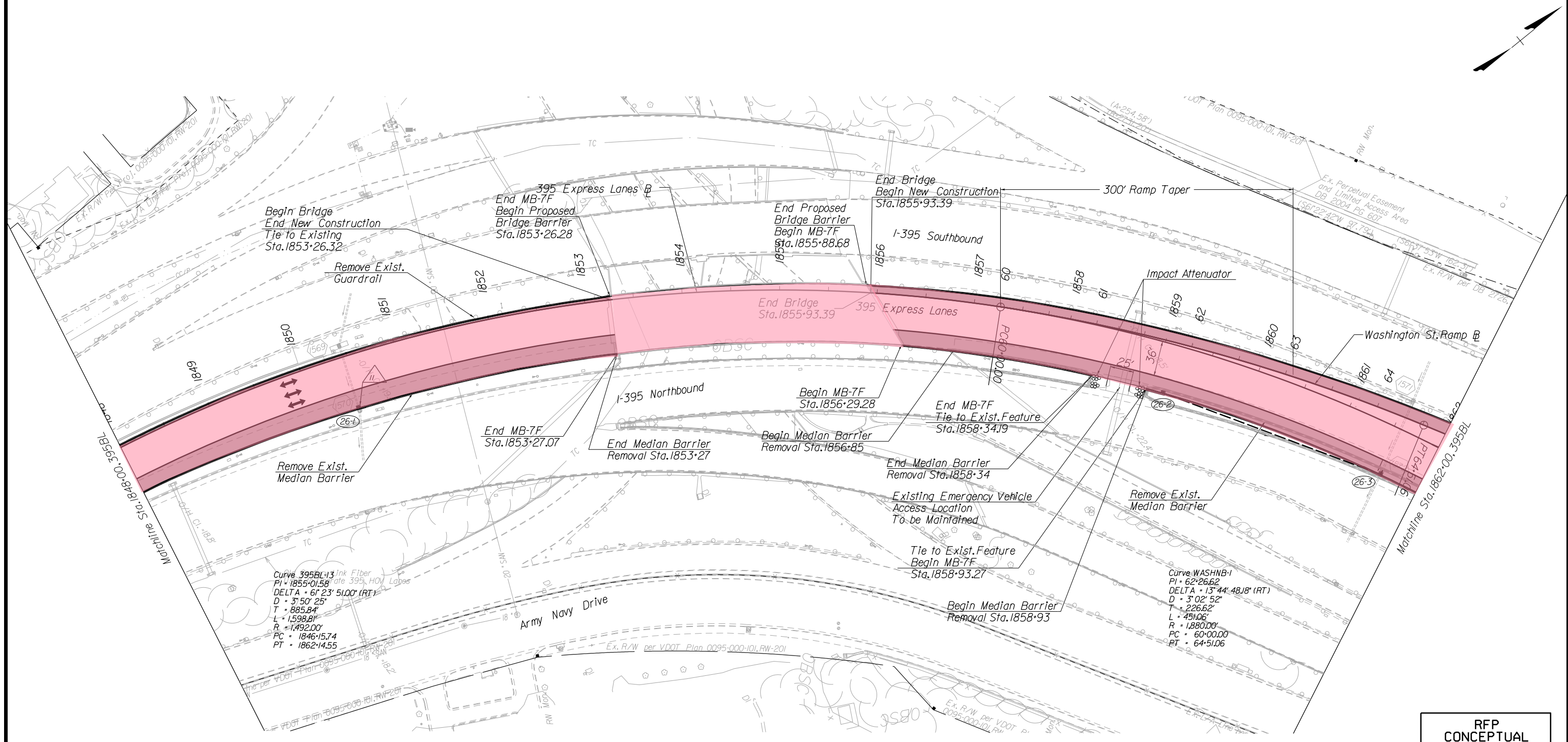
RFP CONCEPTUAL PLANS
DATE: 07/18/2016

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

| | | |
|---------------------|-------------------------|-----------------|
| SCALE 0 50' 100' | PROJECT 0395-969-205 | SHEET NO. 25 |
|---------------------|-------------------------|-----------------|

PROJECT MANAGER Kevin G. Gentry, PE
SURVEYED BY, DATE Rice Associates
DESIGN BY HDB Engineering
SUBSURFACE UTILITY BY, DATE NZA

| REVISED | STATE | ROUTE | STATE PROJECT | SHEET NO. |
|---------|-------|-------|---------------|-----------|
| | VA. | 395 | 0395-969-205 | 26 |



- LEGEND:**
- Proposed Shoulder
 - Proposed Guardrail
 - Proposed Median Barrier
 - Proposed Sign/Toll Gantry
 - Travel Lane
 - Proposed Drainage Pipe
 - Drainage Flow Arrow

- LEGEND:**
- (II-1) Median Barrier Inlet
 - (450) Existing Drainage Structure
 - (10) Abandon Existing Pipe
 - (11) Connect to Existing Pipe
 - (12) Inlet Opening Required on Shoulder Side of General Purpose Lane. Provide Pipe Connection to Existing Pipe with Concrete Collar as Required
 - (13) Proposed Storm Pipe
 - (14) Adjust Existing Inlet
- NOTES:**
- See General Plan Scroll Plots for Additional Information

- LEGEND**
- TU ROUTINE MAINTENANCE
 - TU FULL MAINTENANCE

REFERENCES
(PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)

| | |
|------------------|-----|
| Mainline Profile | 26A |
|------------------|-----|

RFP CONCEPTUAL PLANS
DATE: 07/18/2016

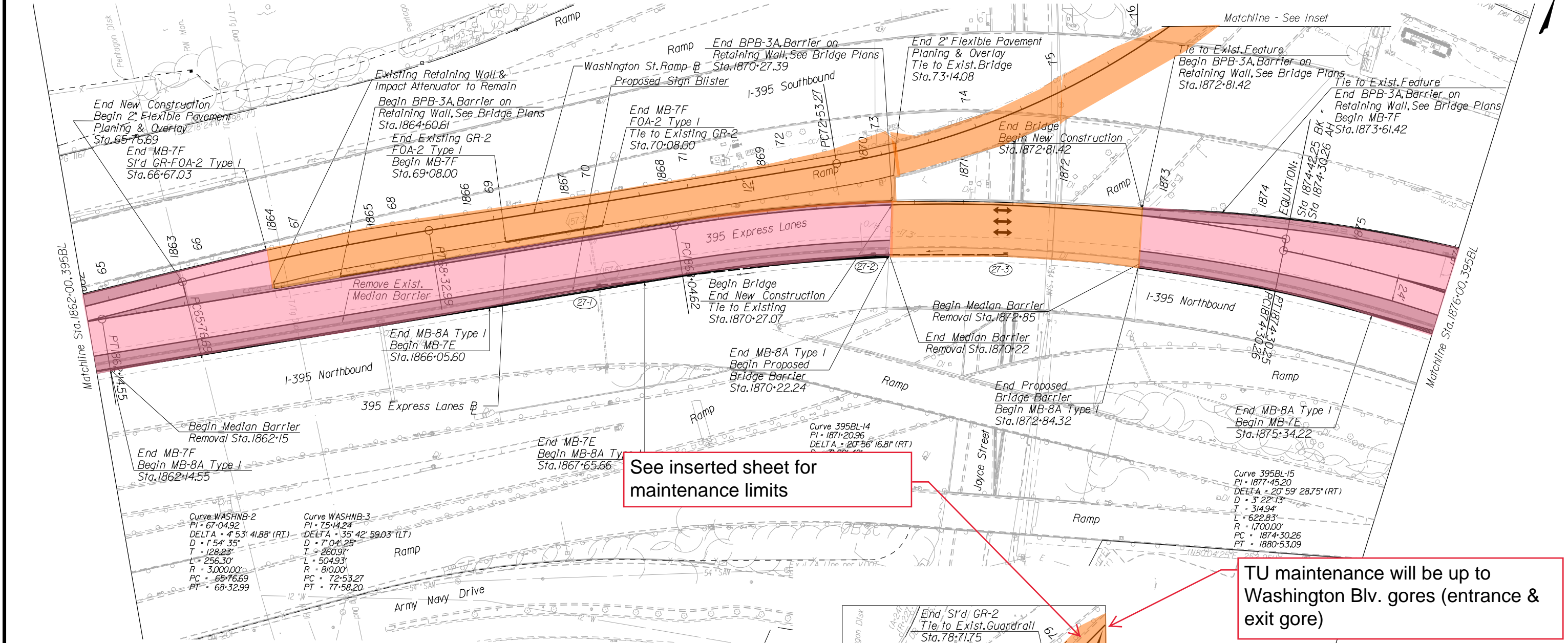
THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

PROJECT MANAGER Krahn, Glinerty, PE
SURVEYED BY, DATE Rice Associates
DESIGN BY HDB Engineering
SUBSURFACE UTILITY BY, DATE NZA

| REVISED | STATE | ROUTE | STATE PROJECT | SHEET NO. |
|---------|-------|-------|---------------|-----------|
| | VA. | 395 | 0395-969-205 | 27 |

LEGEND

- TU ROUTINE MAINTENANCE
- TU FULL MAINTENANCE



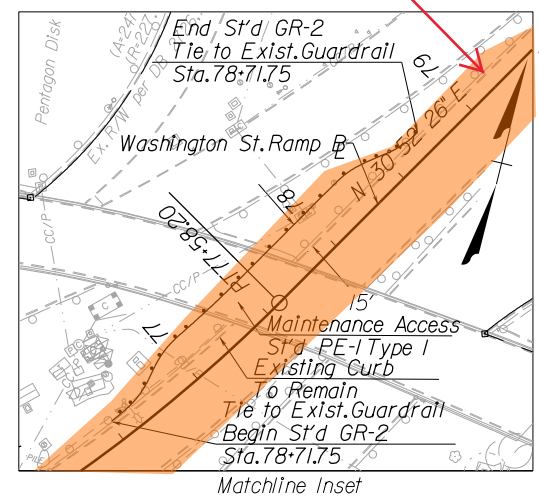
See inserted sheet for maintenance limits

TU maintenance will be up to Washington Bl. gores (entrance & exit gore)

- LEGEND:**
- Proposed Shoulder
 - Proposed Guardrail
 - Proposed Median Barrier
 - Proposed Sign/Toll Gantry
 - ← Travel Lane
 - Proposed Drainage Pipe
 - Drainage Flow Arrow

- LEGEND:**
- (11-1) Median Barrier Inlet
 - (450) Existing Drainage Structure
 - 10 Abandon Existing Pipe
 - 11 Connect to Existing Pipe
 - 12 Inlet Opening Required on Shoulder Side of General Purpose Lane. Provide Pipe Connection to Existing Pipe with Concrete Collar as Required
 - 13 Proposed Storm Pipe
 - 14 Adjust Existing Inlet

- NOTES:**
- See General Plan Scroll Plots for Additional Information
 - Improvements within the WMATA permanent easement are limited to pavement planning, pavement resurfacing and marking.



REFERENCES
(PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)

Mainline Profile 27A

RFP CONCEPTUAL PLANS
DATE: 07/18/2016

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

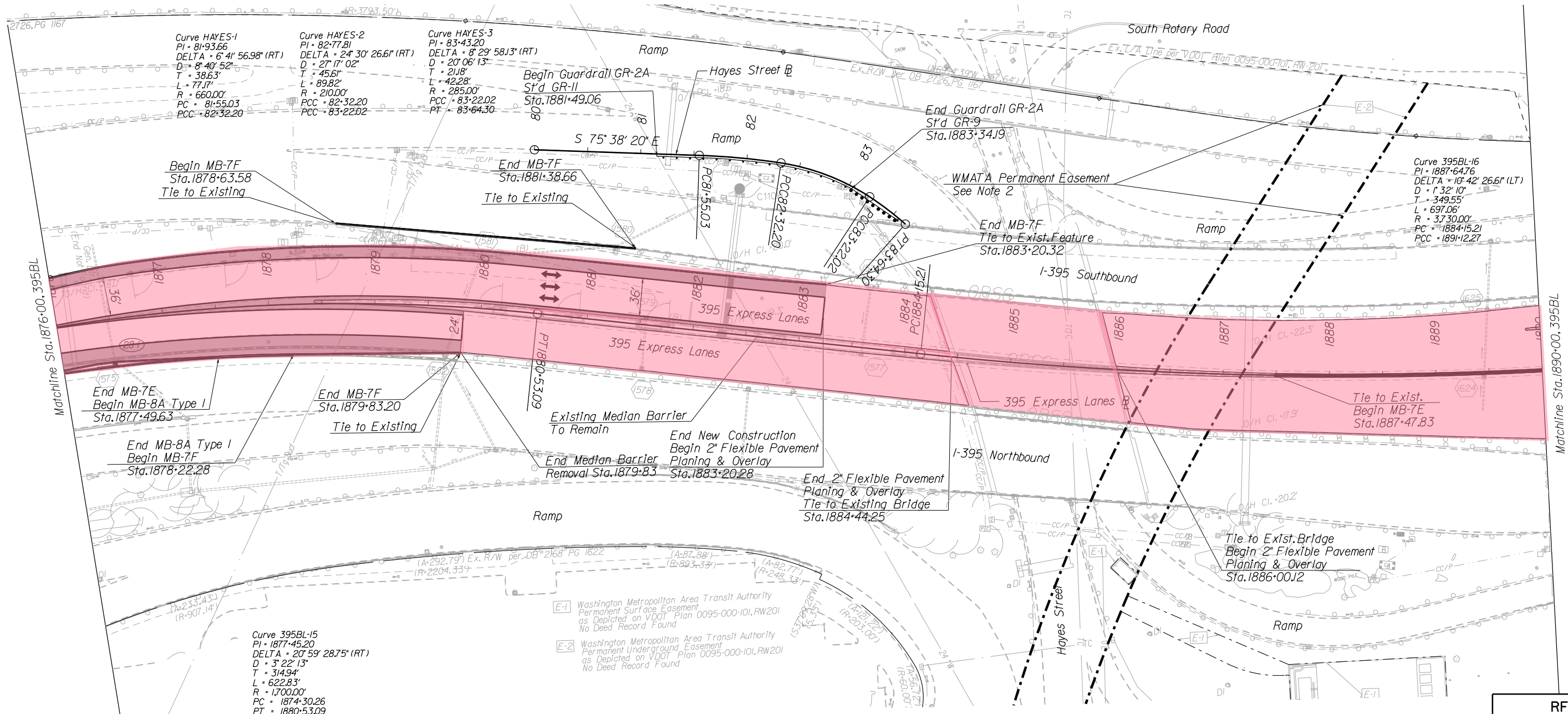
BASED ON 95XL PRECEDENT,
SHOULD BE TU ROUTINE
MAINTENANCE (SIMILAR TO
RTE 123)

MAINTENANCE LIMIT AT
END CONCRETE BARRIER

MAINTENANCE LIMIT AT
END CONCRETE BARRIER

PROJECT MANAGER Kevin Gherber, PE
SURVEYED BY, DATE Rize Associates
DESIGN BY HDB Engineering
SUBSURFACE UTILITY BY, DATE NZA

| REVISED | STATE | ROUTE | STATE PROJECT | SHEET NO. |
|---------|-------|-------|---------------|-----------|
| | VA. | 395 | 0395-969-205 | 28 |



- LEGEND:**
- Proposed Shoulder
 - Proposed Guardrail
 - Proposed Median Barrier
 - Proposed Sign/Toll Gantry
 - ↔ Travel Lane
 - Proposed Drainage Pipe
 - Drainage Flow Arrow

- LEGEND:**
- (II-1) Median Barrier Inlet
 - (450) Existing Drainage Structure
 - (10) Abandon Existing Pipe
 - (11) Connect to Existing Pipe
 - (12) Inlet Opening Required on Shoulder Side of General Purpose Lane. Provide Pipe Connection to Existing Pipe with Concrete Collar as Required
 - (13) Proposed Storm Pipe
 - (14) Adjust Existing Inlet

- NOTES:**
- See General Plan Scroll Plots for Additional Information
 - Improvements within the WMATA permanent easement are limited to pavement planning, pavement resurfacing and marking.

- LEGEND**
- TU ROUTINE MAINTENANCE**
 - TU FULL MAINTENANCE**

REFERENCES
(PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)

Mainline Profile 28A

RFP CONCEPTUAL PLANS
DATE: 07/18/2016

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

| | | |
|---------------------|-------------------------|-----------------|
| SCALE 0 50' 100' | PROJECT 0395-969-205 | SHEET NO. 28 |
|---------------------|-------------------------|-----------------|

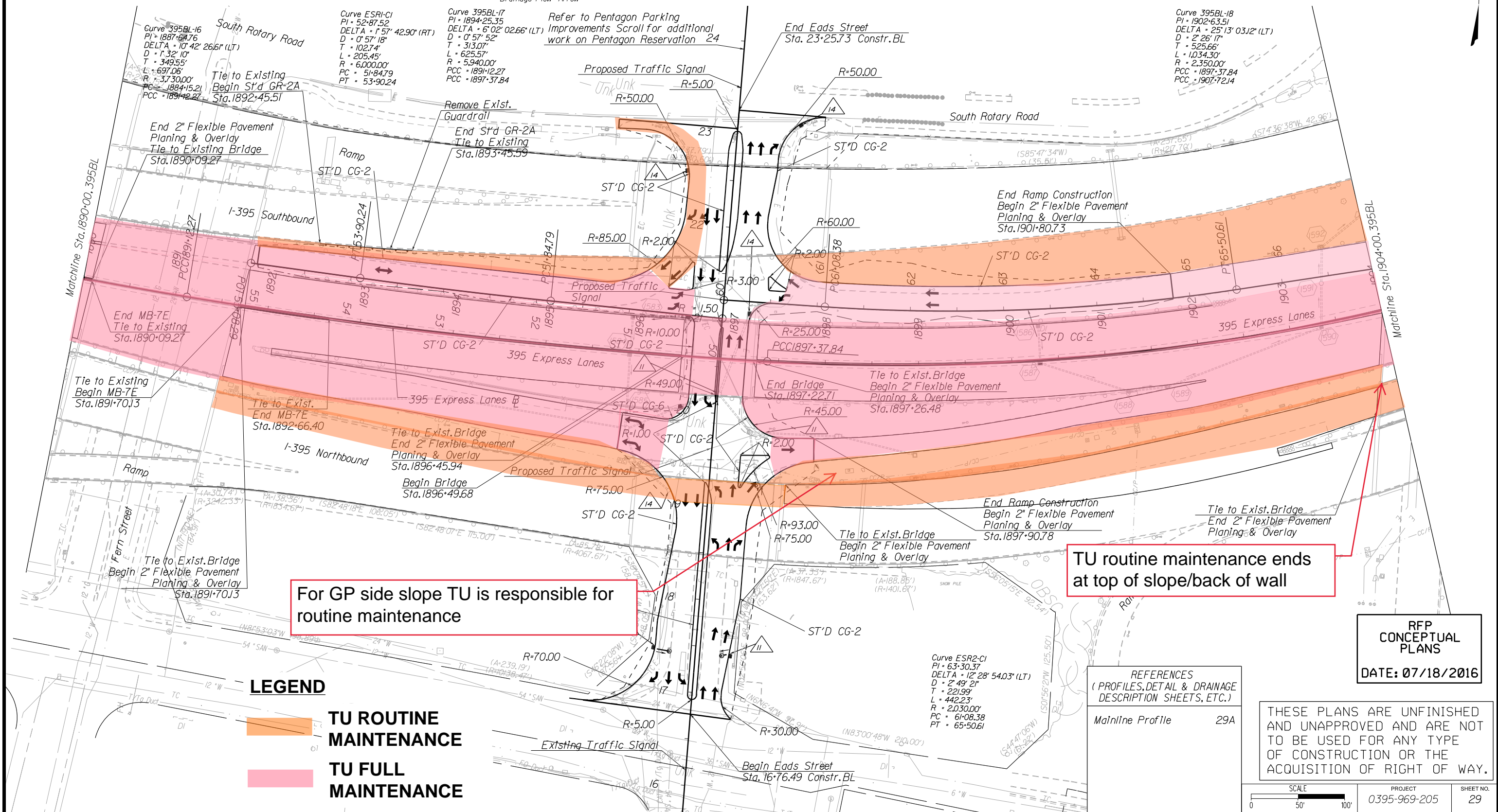
PROJECT MANAGER: Karin Gherety, PE
SURVEYED BY, DATE: Rize Associates
DESIGN BY: HDB Engineering
SUBSURFACE UTILITY BY, DATE: NZA

- LEGEND:
- Proposed Shoulder
 - Proposed Guardrail
 - Proposed Median Barrier
 - Proposed Sign/Toll Gantry
 - Travel Lane
 - Proposed Drainage Pipe
 - Drainage Flow Arrow

- LEGEND:
- (I-1) Median Barrier Inlet
 - (450) Existing Drainage Structure
 - (10) Abandon Existing Pipe
 - (11) Connect to Existing Pipe
 - (12) Inlet Opening Required on Shoulder Side of General Purpose Lane. Provide Pipe Connection to Existing Pipe with Concrete Collar as Required
 - (13) Proposed Storm Pipe
 - (14) Adjust Existing Inlet

NOTES:
1. See General Plan Scroll Plots for Additional Information

| REVISED | STATE | ROUTE | STATE PROJECT | SHEET NO. |
|---------|-------|-------|---------------|-----------|
| | VA. | 395 | 0395-969-205 | 29 |



For GP side slope TU is responsible for routine maintenance

TU routine maintenance ends at top of slope/back of wall

- LEGEND
- TU ROUTINE MAINTENANCE
 - TU FULL MAINTENANCE

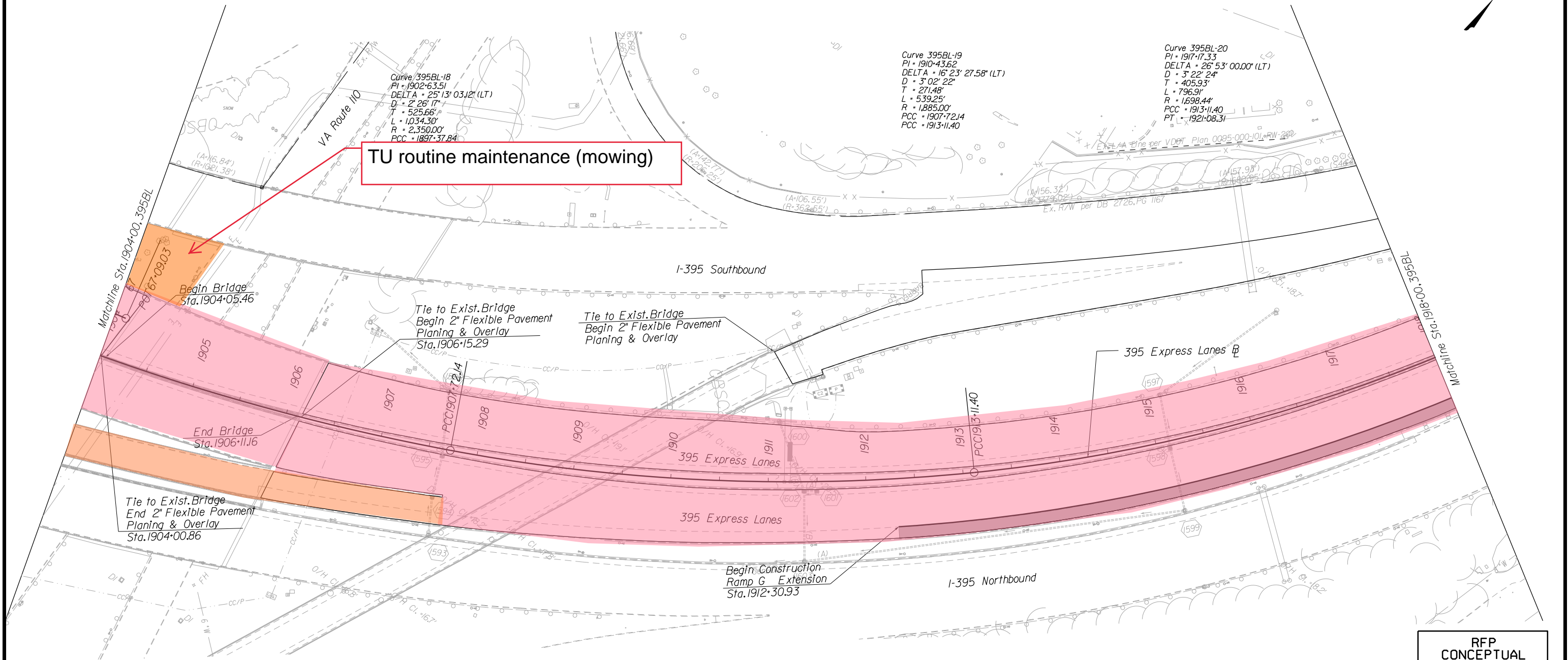
REFERENCES
(PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)
Mainline Profile 29A

RFP CONCEPTUAL PLANS
DATE: 07/18/2016

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

PROJECT MANAGER Krahn, Glnerty, PE
SURVEYED BY, DATE Rize Associates
DESIGN BY HDB Engineering
SUBSURFACE UTILITY BY, DATE NZA

| REVISED | STATE | ROUTE | STATE PROJECT | SHEET NO. |
|---------|-------|-------|---------------|-----------|
| | VA. | 395 | 0395-969-205 | 30 |



- LEGEND:
- Proposed Shoulder
 - Proposed Guardrail
 - Proposed Median Barrier
 - Proposed Sign/Toll Gantry
 - Travel Lane
 - Proposed Drainage Pipe
 - Drainage Flow Arrow

- LEGEND:
- (I-1) Median Barrier Inlet
 - (450) Existing Drainage Structure
 - (10) Abandon Existing Pipe
 - (11) Connect to Existing Pipe
 - (12) Inlet Opening Required on Shoulder Side of General Purpose Lane. Provide Pipe Connection to Existing Pipe with Concrete Collar as Required
 - (13) Proposed Storm Pipe
 - (14) Adjust Existing Inlet
- NOTES:
1. See General Plan Scroll Plots for Additional Information

- LEGEND**
- TU ROUTINE MAINTENANCE**
 - TU FULL MAINTENANCE**

REFERENCES
(PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)

| | |
|------------------|-----|
| Mainline Profile | 30A |
|------------------|-----|

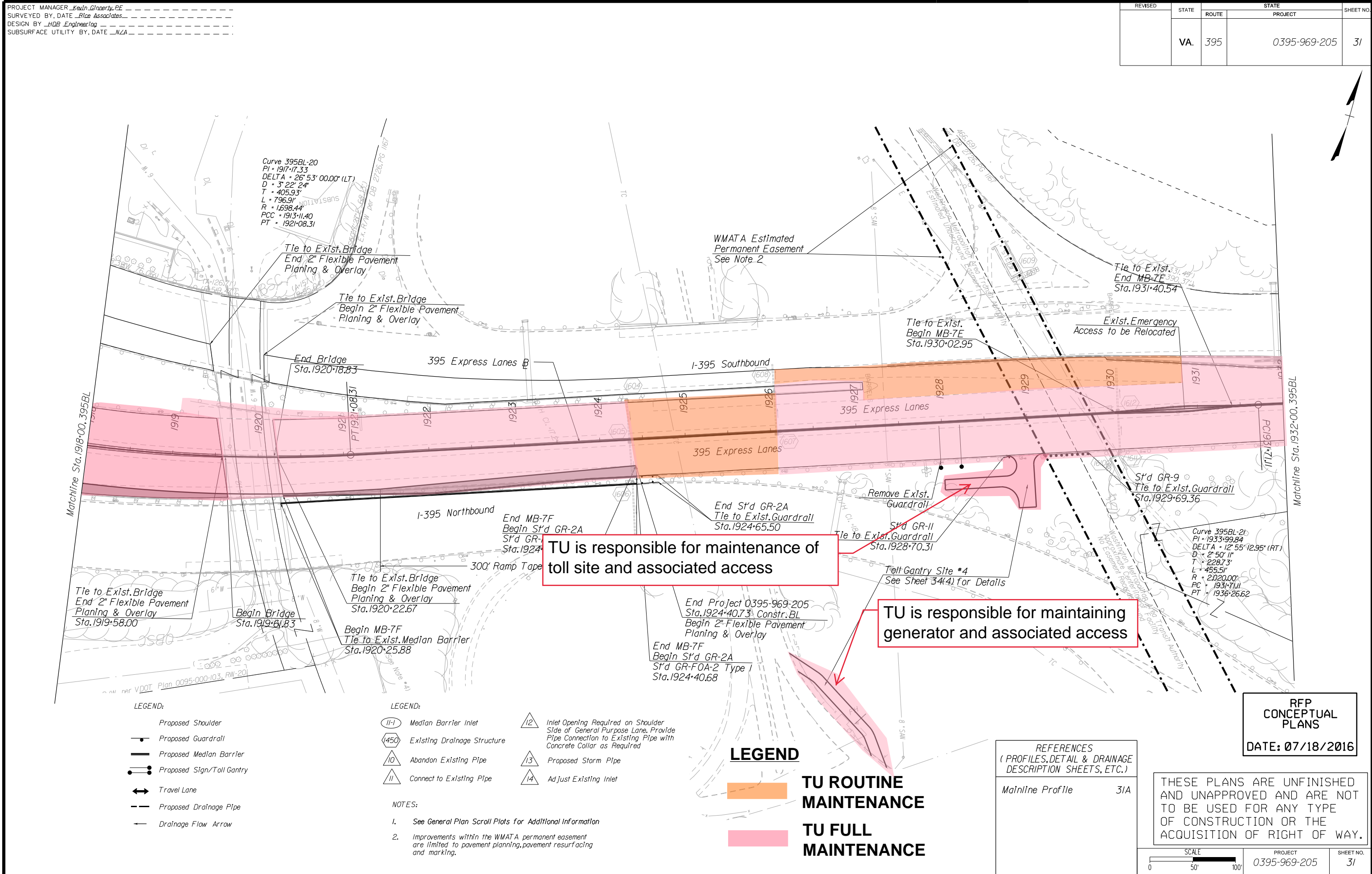
RFP CONCEPTUAL PLANS
DATE: 07/18/2016

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

| | | |
|---------------------|-------------------------|-----------------|
| SCALE 0 50' 100' | PROJECT 0395-969-205 | SHEET NO. 30 |
|---------------------|-------------------------|-----------------|

PROJECT MANAGER Kevin G. Gentry, PE
SURVEYED BY, DATE Rize Associates
DESIGN BY HDB Engineering
SUBSURFACE UTILITY BY, DATE NZA

| REVISED | STATE | ROUTE | STATE PROJECT | SHEET NO. |
|---------|-------|-------|---------------|-----------|
| | VA. | 395 | 0395-969-205 | 31 |



TU is responsible for maintenance of toll site and associated access

TU is responsible for maintaining generator and associated access

- LEGEND:
- Proposed Shoulder
 - Proposed Guardrail
 - Proposed Median Barrier
 - Proposed Sign/Toll Gantry
 - Travel Lane
 - Proposed Drainage Pipe
 - Drainage Flow Arrow

- LEGEND:
- Median Barrier Inlet
 - Existing Drainage Structure
 - Abandon Existing Pipe
 - Connect to Existing Pipe
 - Inlet Opening Required on Shoulder Side of General Purpose Lane. Provide Pipe Connection to Existing Pipe with Concrete Collar as Required
 - Proposed Storm Pipe
 - Adjust Existing Inlet

- NOTES:
- See General Plan Scroll Plots for Additional Information
 - Improvements within the WMATA permanent easement are limited to pavement planning, pavement resurfacing and marking.

- LEGEND
- TU ROUTINE MAINTENANCE
 - TU FULL MAINTENANCE

REFERENCES
(PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)

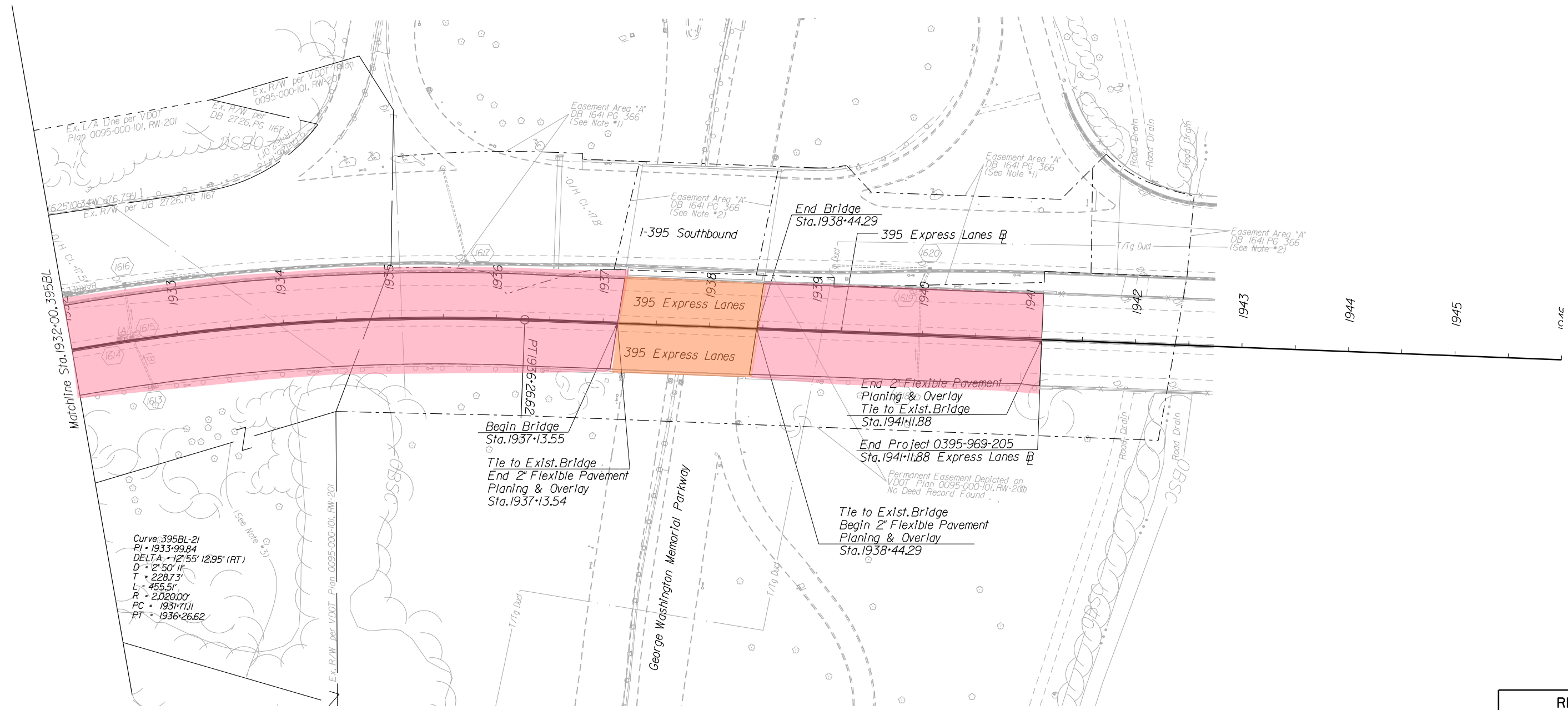
Mainline Profile 31A

RFP CONCEPTUAL PLANS
DATE: 07/18/2016

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

PROJECT MANAGER Kevin G. Gentry, PE
SURVEYED BY, DATE Rice Associates
DESIGN BY HDB Engineering
SUBSURFACE UTILITY BY, DATE NZA

| REVISED | STATE | ROUTE | STATE PROJECT | SHEET NO. |
|---------|-------|-------|---------------|-----------|
| | VA. | 395 | 0395-969-205 | 32 |



Curve: 395BL-21
PI = 1933+99.84
DELTA = 12°55' 12.95" (RT)
D = 2' 50" 11"
T = 228.73'
L = 455.51'
R = 2,020.00'
PC = 1931+71.11
PT = 1936+26.62

- LEGEND:
- Proposed Shoulder
 - Proposed Guardrail
 - Proposed Median Barrier
 - Proposed Sign/Toll Gantry
 - ↔ Travel Lane
 - Proposed Drainage Pipe
 - Drainage Flow Arrow

- LEGEND:
- (I-1) Median Barrier Inlet
 - (450) Existing Drainage Structure
 - (10) Abandon Existing Pipe
 - (11) Connect to Existing Pipe
 - (12) Inlet Opening Required on Shoulder Side of General Purpose Lane. Provide Pipe Connection to Existing Pipe with Concrete Collar as Required
 - (13) Proposed Storm Pipe
 - (14) Adjust Existing Inlet

NOTES:
1. See General Plan Scroll Plots for Additional Information

- LEGEND
- TU ROUTINE MAINTENANCE
 - TU FULL MAINTENANCE

REFERENCES
(PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)

Mainline Profile 32A

RFP
CONCEPTUAL
PLANS
DATE: 07/18/2016

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

| | | |
|---------------------|-------------------------|-----------------|
| SCALE 0 50' 100' | PROJECT 0395-969-205 | SHEET NO. 32 |
|---------------------|-------------------------|-----------------|