

EXECUTION VERSION

I-95/I-395 HOV/HOT Lanes Project
Fredericksburg Extension Plan Sheets

PROJECT MANAGER - Rob. Keras, PE
SURVEYED BY, DATE - Blca, Associates
DESIGN BY - HDR, Engineering
SUBSURFACE UTILITY BY, DATE - N/A

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	95	0095-969-739	3

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT (Division) or Co. Name
(Location), Virginia
(TECHNICAL DISCIPLINE)

Curve RAMP_WGS-2 7.345° W
PI = 103675.99
DELTA = 7° 35' 31.12" (LT)
D = 116' 24"
T = 298.57'
L = 596.27'
R = 4,500.00'
PC = 103377.42
PT = 103973.69
DESIGN SPEED = 50 MPH
e = -2.70%
Lr = 79'

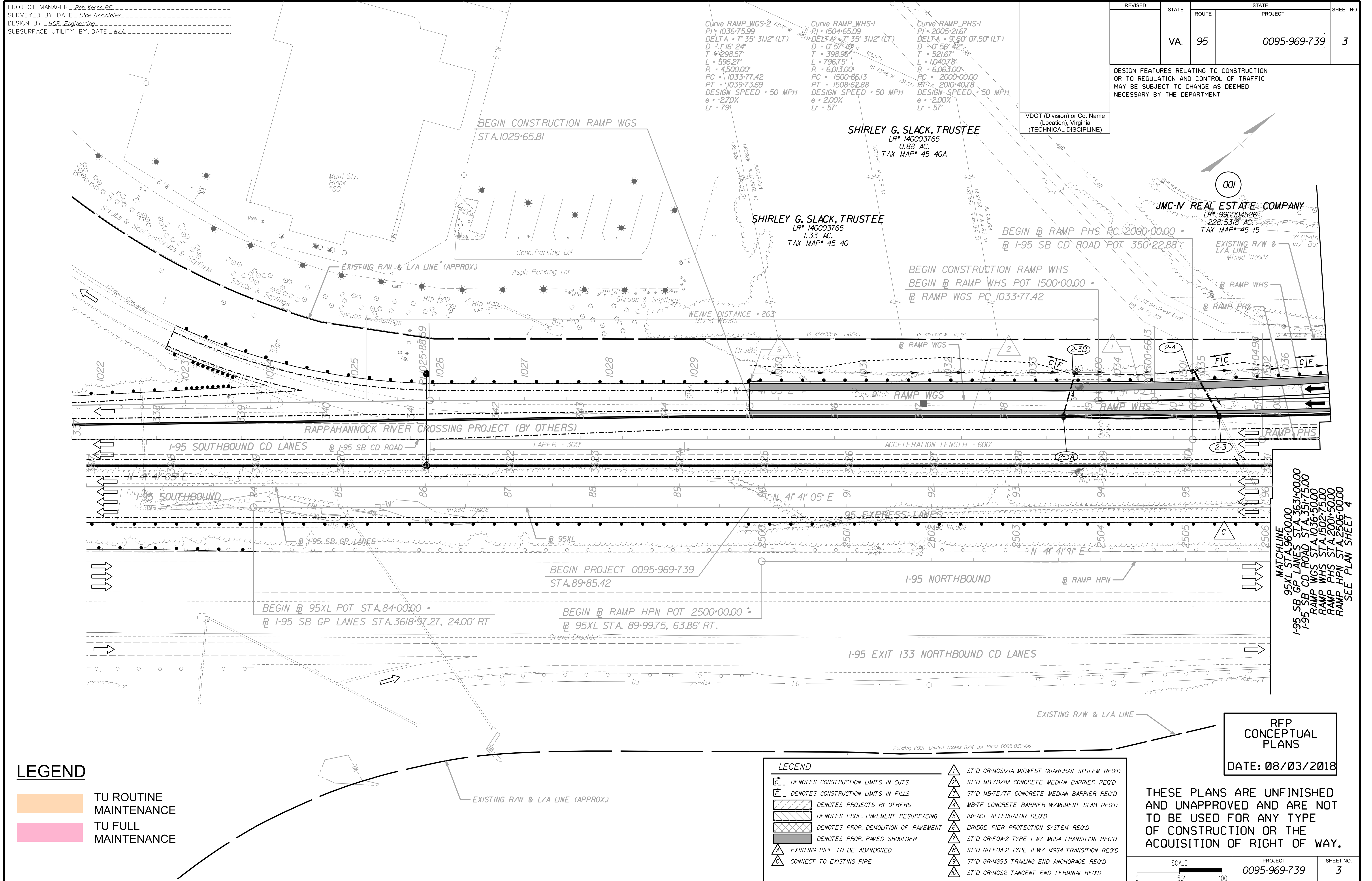
Curve RAMP_WHS-1
PI = 150465.09
DELTA = 7° 35' 31.12" (LT)
D = 0' 56' 42"
T = 398.95'
L = 796.75'
R = 6,013.00'
PC = 150066.13
PT = 150862.88
DESIGN SPEED = 50 MPH
e = 2.00%
Lr = 57'

Curve RAMP_PHS-1
PI = 200521.67
DELTA = 9° 50' 07.50" (LT)
D = 0' 56' 42"
T = 521.67'
L = 1,040.78'
R = 6,063.00'
PC = 200000.00
PT = 201040.78
DESIGN SPEED = 50 MPH
e = -2.00%
Lr = 57'

SHIRLEY G. SLACK, TRUSTEE
LR# 140003765
0.88 AC.
TAX MAP# 45 40A

SHIRLEY G. SLACK, TRUSTEE
LR# 140003765
1.33 AC.
TAX MAP# 45 40

JMC-IV REAL ESTATE COMPANY
LR# 990004526
228.5318 AC.
TAX MAP# 45 15



LEGEND

- TU ROUTINE MAINTENANCE
- TU FULL MAINTENANCE

LEGEND

- DENOTES CONSTRUCTION LIMITS IN CUTS
- DENOTES CONSTRUCTION LIMITS IN FILLS
- DENOTES PROJECTS BY OTHERS
- DENOTES PROP. PAVEMENT RESURFACING
- DENOTES PROP. DEMOLITION OF PAVEMENT
- DENOTES PROP. PAVED SHOULDER
- EXISTING PIPE TO BE ABANDONED
- CONNECT TO EXISTING PIPE
- ST'D GR-MGS1/A MIDWEST GUARDRAIL SYSTEM REQ'D
- ST'D MB-7D/BA CONCRETE MEDIAN BARRIER REQ'D
- ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
- MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
- IMPACT ATTENUATOR REQ'D
- BRIDGE PIER PROTECTION SYSTEM REQ'D
- ST'D GR-FOA-2 TYPE I W/ MGS4 TRANSITION REQ'D
- ST'D GR-FOA-2 TYPE II W/ MGS4 TRANSITION REQ'D
- ST'D GR-MGS3 TRAILING END ANCHORAGE REQ'D
- ST'D GR-MGS2 TANGENT END TERMINAL REQ'D

RFP CONCEPTUAL PLANS
DATE: 08/03/2018

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 0095-969-739	SHEET NO. 3
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MATCHLINE
 95XL STA. 96+00.00
 I-95 SB GP LANES STA. 363+00.00
 I-95 SB CD ROAD STA. 351+75.00
 RAMP WGS STA. 1036+50.00
 RAMP WHS STA. 1502+75.00
 RAMP PHS STA. 2006+00.00
 SEE PLAN SHEET 4

PROJECT MANAGER: Rob. Keras, PE
SURVEYED BY, DATE: Blca, Associates
DESIGN BY: HDR, Engineering
SUBSURFACE UTILITY BY, DATE: N/A

LEGEND

	ST'D GR-MGS1/IA MIDWEST GUARDRAIL SYSTEM REQ'D
	ST'D MB-7D/8A CONCRETE MEDIAN BARRIER REQ'D
	ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
	MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
	IMPACT ATTENUATOR REQ'D
	BRIDGE PIER PROTECTION SYSTEM REQ'D
	ST'D GR-FOA-2 TYPE I W/ MGS4 TRANSITION REQ'D
	ST'D GR-FOA-2 TYPE II W/ MGS4 TRANSITION REQ'D
	ST'D GR-MGS3 TRAILING END ANCHORAGE REQ'D
	ST'D GR-MGS2 TANGENT END TERMINAL REQ'D

RFP CONCEPTUAL PLANS
DATE: 08/03/2018

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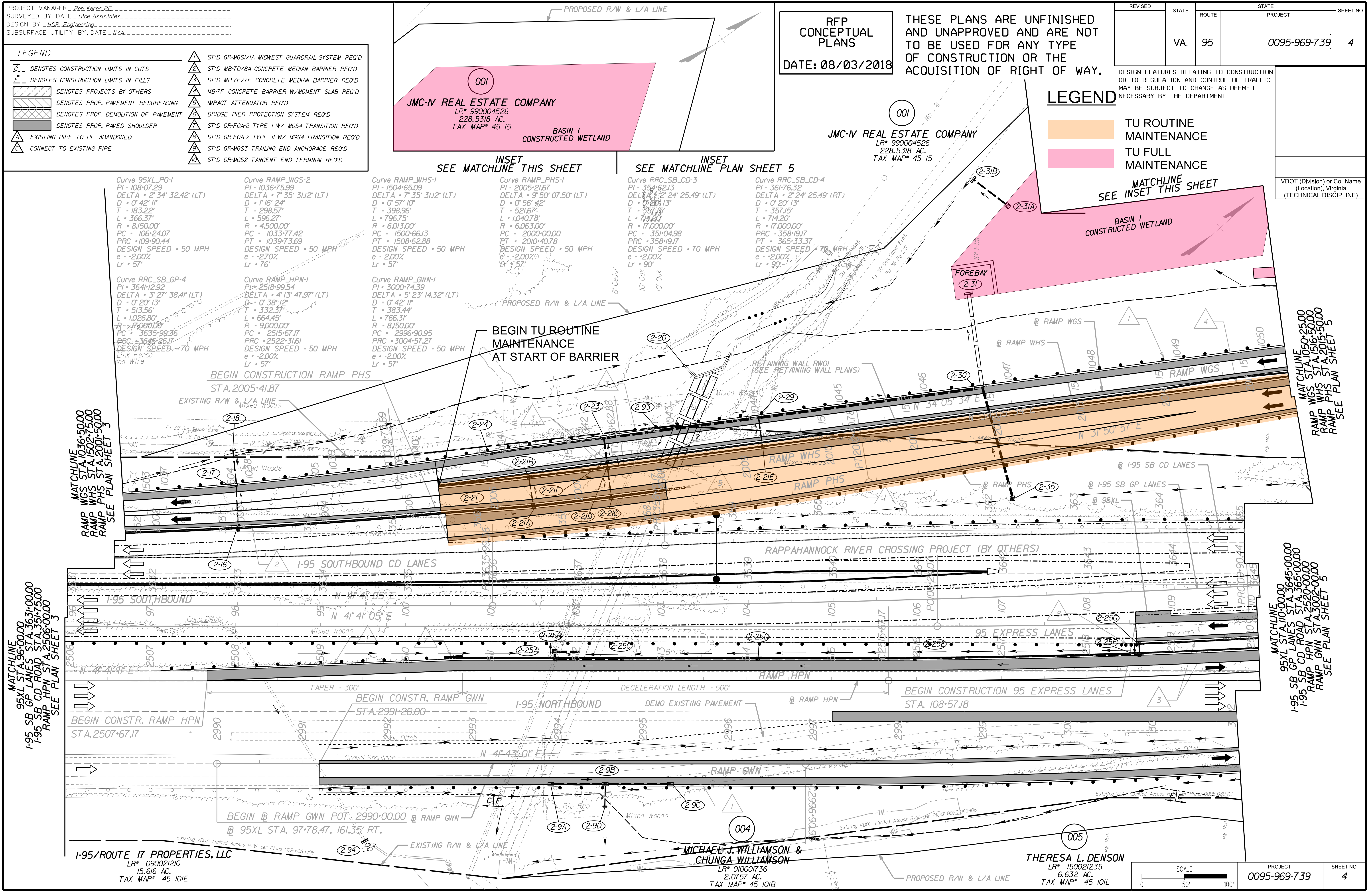
REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	95	0095-969-739	4

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

LEGEND

	TU ROUTINE MAINTENANCE
	TU FULL MAINTENANCE

VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)



INSET SEE MATCHLINE THIS SHEET

Curve 95XL_PO-1 PI = 108-07.29 DELTA = 2' 34" 32.42' (LT) D = 0' 42" 11" T = 183.22' L = 366.37' R = 8150.00' PC = 106-24.07 PRC = 109-90.44 DESIGN SPEED = 50 MPH e = -2.00% Lr = 57'	Curve RAMP_WGS-2 PI = 1036-75.99 DELTA = 7' 35" 31.2' (LT) D = 1' 16" 24" T = 298.57' L = 596.27' R = 4500.00' PC = 1033-77.42 PT = 1039-73.69 DESIGN SPEED = 50 MPH e = -2.70% Lr = 76'	Curve RAMP_WHS-1 PI = 1504-65.09 DELTA = 7' 35" 31.2' (LT) D = 0' 57" 10" T = 398.96' L = 796.75' R = 6013.00' PC = 1500-66.13 PT = 1508-62.88 DESIGN SPEED = 50 MPH e = 2.00% Lr = 57'	Curve RAMP_PHS-1 PI = 2005-21.67 DELTA = 9' 50" 07.50' (LT) D = 0' 56" 42" T = 521.67' L = 1040.78' R = 6063.00' PC = 2000-00.00 PT = 2010-40.78 DESIGN SPEED = 50 MPH e = -2.00% Lr = 57'	Curve RRC_SB_CD-3 PI = 354-62.13 DELTA = 2' 24" 25.49' (LT) D = 0' 20" 13" T = 357.15' L = 714.20' R = 17,000.00' PC = 351-04.98 PRC = 358-19.17 DESIGN SPEED = 70 MPH e = -2.00% Lr = 90'	Curve RRC_SB_CD-4 PI = 361-76.32 DELTA = 2' 24" 25.49' (RT) D = 0' 20" 13" T = 357.15' L = 714.20' R = 17,000.00' PRC = 358-19.17 PT = 365-33.37 DESIGN SPEED = 70 MPH e = -2.00% Lr = 90'
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INSET SEE MATCHLINE PLAN SHEET 5

Curve RRC_SB_CD-3 PI = 354-62.13 DELTA = 2' 24" 25.49' (LT) D = 0' 20" 13" T = 357.15' L = 714.20' R = 17,000.00' PC = 351-04.98 PRC = 358-19.17 DESIGN SPEED = 70 MPH e = -2.00% Lr = 90'	Curve RRC_SB_CD-4 PI = 361-76.32 DELTA = 2' 24" 25.49' (RT) D = 0' 20" 13" T = 357.15' L = 714.20' R = 17,000.00' PRC = 358-19.17 PT = 365-33.37 DESIGN SPEED = 70 MPH e = -2.00% Lr = 90'
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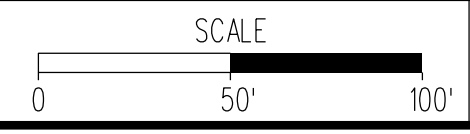
MATCHLINE
95XL STA. 96+00.00
1-95 SB GP LANES STA. 363+00.00
1-95 SB CD ROAD STA. 351+75.00
RAMP HPN STA. 2506+00.00
SEE PLAN SHEET 3

MATCHLINE
95XL STA. 10+00.00
1-95 SB GP LANES STA. 3645+00.00
1-95 SB CD ROAD STA. 365+00.00
RAMP HPN STA. 2520+00.00
RAMP GWN STA. 502+00.00
SEE PLAN SHEET 5

I-95/ROUTE 17 PROPERTIES, LLC
LR# 090021210
15.616 AC.
TAX MAP# 45 10IE

MICHAEL J. WILLIAMSON & CHUNGA WILLIAMSON
LR# 010001736
2.0757 AC.
TAX MAP# 45 10IB

THERESA L. DENSON
LR# 150021235
6.632 AC.
TAX MAP# 45 10IL



PROJECT	0095-969-739	SHEET NO.	4
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PROJECT MANAGER: Rob. Keras, PE
SURVEYED BY, DATE: Bice Associates
DESIGN BY: HDR Engineering
SUBSURFACE UTILITY BY, DATE: N/A

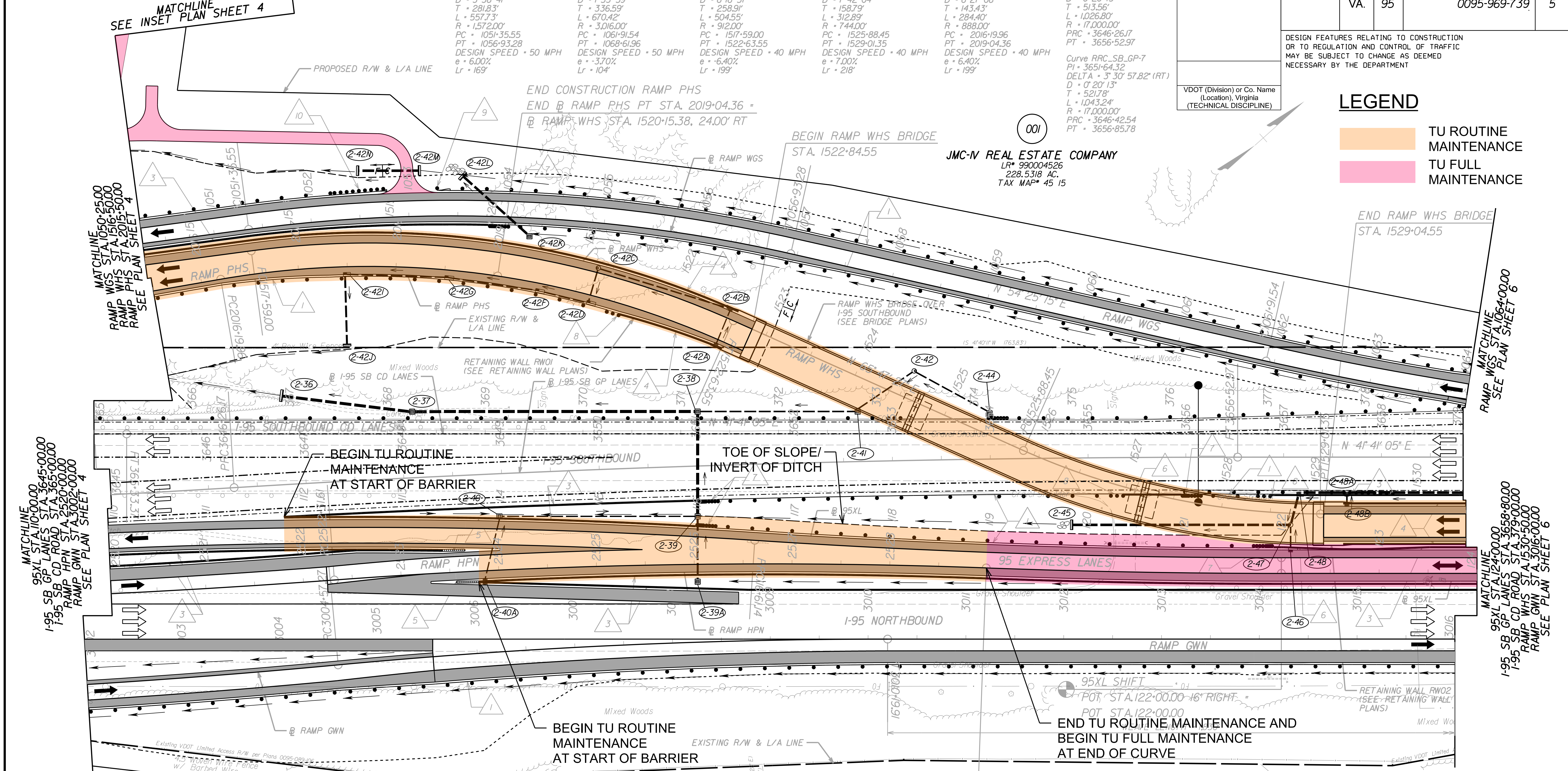
REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	95	0095-969-739	5

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)

LEGEND

- TU ROUTINE MAINTENANCE
- TU FULL MAINTENANCE



- Curve RAMP_WGS-3
PI = 1054-17.38
DELTA = 20° 19' 40.98" (RT)
D = 3' 38' 41"
T = 281.83'
L = 557.73'
R = 1572.00'
PC = 1051-35.55
PT = 1056-93.28
DESIGN SPEED = 50 MPH
e = 6.00%
Lr = 169'
- Curve RAMP_WGS-4
PI = 1065-28.14
DELTA = 12° 44' 09.86" (LT)
D = 1' 53' 59"
T = 336.59'
L = 670.42'
R = 3,016.00'
PC = 1061-91.54
PT = 1068-61.96
DESIGN SPEED = 50 MPH
e = -3.70%
Lr = 104'
- Curve RAMP_WHS-2
PI = 1520-17.91
DELTA = 31° 41' 52.97" (RT)
D = 6' 16' 57"
T = 258.91'
L = 504.55'
R = 912.00'
PC = 1517-59.00
PT = 1522-63.55
DESIGN SPEED = 40 MPH
e = -6.40%
Lr = 199'
- Curve RAMP_WHS-3
PI = 1527-47.25
DELTA = 24° 05' 45.84" (LT)
D = 7' 42' 04"
T = 158.79'
L = 312.89'
R = 744.00'
PC = 1525-88.45
PT = 1529-01.35
DESIGN SPEED = 40 MPH
e = 7.00%
Lr = 218'
- Curve RAMP_PHS-2
PI = 2017-63.39
DELTA = 18° 21' 01.40" (RT)
D = 6' 27' 08"
T = 143.43'
L = 284.40'
R = 888.00'
PC = 2016-19.96
PT = 2019-04.36
DESIGN SPEED = 40 MPH
e = 6.40%
Lr = 199'
- Curve RRC_SB_GP-5
PI = 3651-39.72
DELTA = 3° 27' 38.41" (RT)
D = 0' 20' 13"
T = 513.56'
L = 1026.80'
R = 17,000.00'
PRC = 3646-26.17
PT = 3656-52.97
- Curve RRC_SB_GP-7
PI = 3651-64.32
DELTA = 3° 30' 57.82" (RT)
D = 0' 20' 13"
T = 521.78'
L = 1043.24'
R = 17,000.00'
PRC = 3646-42.54
PT = 3656-52.97

JMC-IV REAL ESTATE COMPANY
LR# 990004526
228.5318 AC.
TAX MAP# 45 15

001

005
THERESA L. DENSON
LR# 150021235
6.632 AC.
TAX MAP# 45 101L

- Curve 95XL_PO-2
PI = 113-26.14
DELTA = 6° 22' 26.15" (RT)
D = 0' 57' 01"
T = 335.70'
L = 670.70'
R = 6,029.00'
PRC = 109-90.44
PT = 116-61.14
DESIGN SPEED = 50 MPH
e = -2.00%
Lr = 57'
- Curve 95XL_PO-3
PI = 119-30.67
DELTA = 4° 47' 17.65" (LT)
D = 0' 42' 11"
T = 269.53'
L = 538.86'
R = 8,150.00'
PRC = 116-61.14
PT = 122-00.00
DESIGN SPEED = 50 MPH
e = -2.00%
Lr = 57'
- Curve RAMP_HPNI-1
PI = 2518-99.54
DELTA = 4° 13' 47.97" (LT)
D = 0' 38' 12"
T = 332.37'
L = 664.45'
R = 9,000.00'
PC = 2515-67.17
PT = 2522-31.61
DESIGN SPEED = 50 MPH
e = -2.00%
Lr = 57'
- Curve RAMP_HPNI-2
PI = 2525-65.48
DELTA = 6° 21' 21.65" (RT)
D = 0' 57' 10"
T = 383.44'
L = 667.04'
R = 6,013.00'
PC = 2522-31.61
PT = 2528-98.65
DESIGN SPEED = 50 MPH
e = -2.00%
Lr = 57'
- Curve RAMP_GWN-1
PI = 3000-74.39
DELTA = 5° 23' 14.32" (LT)
D = 0' 42' 11"
T = 383.44'
L = 766.31'
R = 8,150.00'
PC = 2996-90.95
PT = 3004-57.27
DESIGN SPEED = 50 MPH
e = -2.00%
Lr = 57'
- Curve RAMP_GWN-2
PI = 3007-38.80
DELTA = 5° 21' 40.48" (RT)
D = 0' 57' 10"
T = 281.53'
L = 562.64'
R = 6,013.00'
PC = 3004-57.27
PT = 3010-19.91
DESIGN SPEED = 50 MPH
e = -2.00%
Lr = 57'

LEGEND

- DENOTES CONSTRUCTION LIMITS IN CUTS
- DENOTES CONSTRUCTION LIMITS IN FILLS
- DENOTES PROJECTS BY OTHERS
- DENOTES PROP. PAVEMENT RESURFACING
- DENOTES PROP. DEMOLITION OF PAVEMENT
- DENOTES PROP. PAVED SHOULDER
- EXISTING PIPE TO BE ABANDONED
- CONNECT TO EXISTING PIPE
- ST'D GR-MGS1/IA MIDWEST GUARDRAIL SYSTEM REQ'D
- ST'D MB-7D/BA CONCRETE MEDIAN BARRIER REQ'D
- ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
- MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
- IMPACT ATTENUATOR REQ'D
- BRIDGE PIER PROTECTION SYSTEM REQ'D
- ST'D GR-FOA-2 TYPE II W/ MGS4 TRANSITION REQ'D
- ST'D GR-FOA-2 TYPE II W/ MGS4 TRANSITION REQ'D
- ST'D GR-MGS3 TRAILING END ANCHORAGE REQ'D
- ST'D GR-MGS2 TANGENT END TERMINAL REQ'D

RFP CONCEPTUAL PLANS
DATE: 08/03/2018

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 0095-969-739	SHEET NO. 5
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PROJECT MANAGER - Rob. Keras, PE
SURVEYED BY, DATE - Blca Associates
DESIGN BY - HDR Engineering
SUBSURFACE UTILITY BY, DATE - N/A

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	95	0095-969-739	6

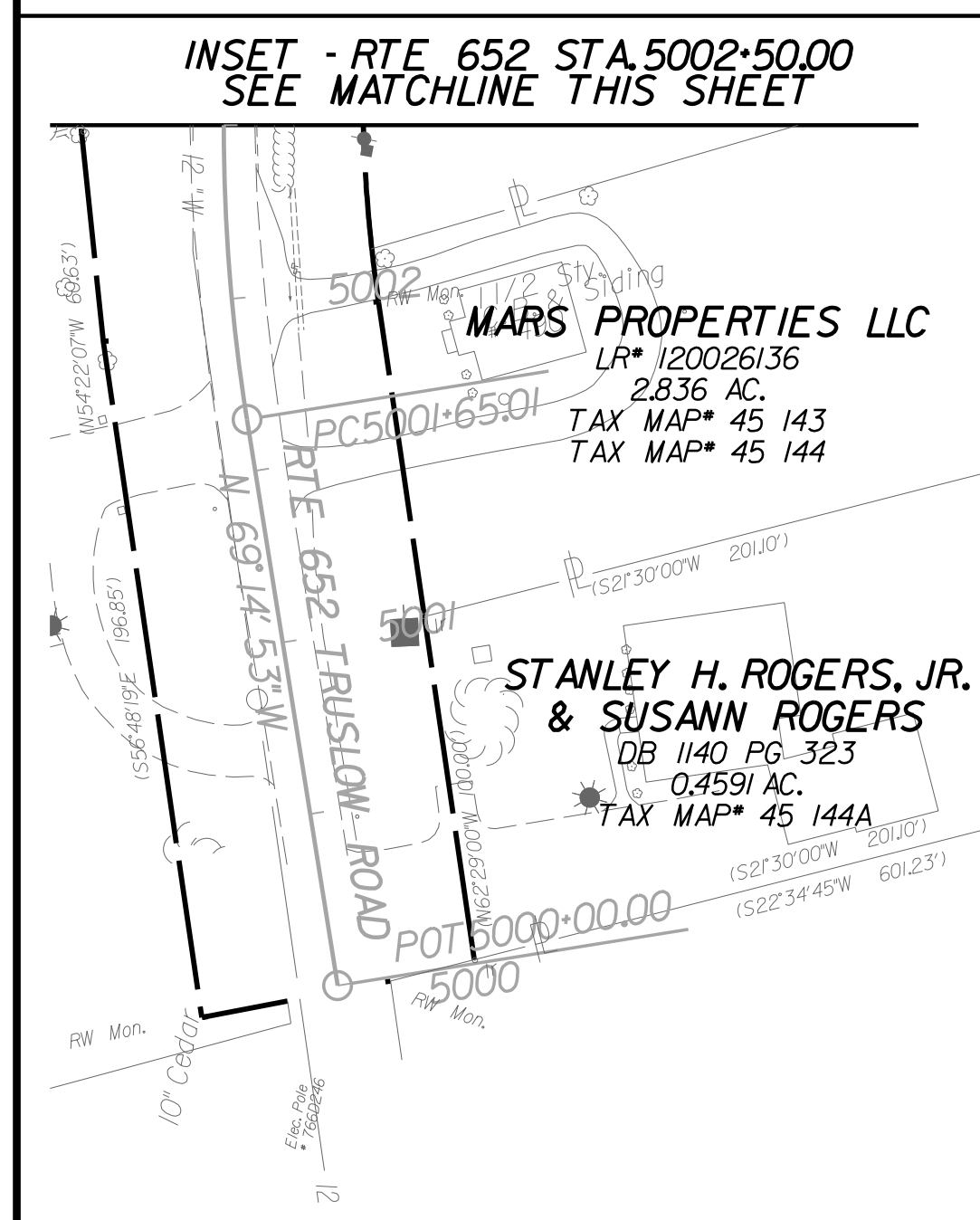
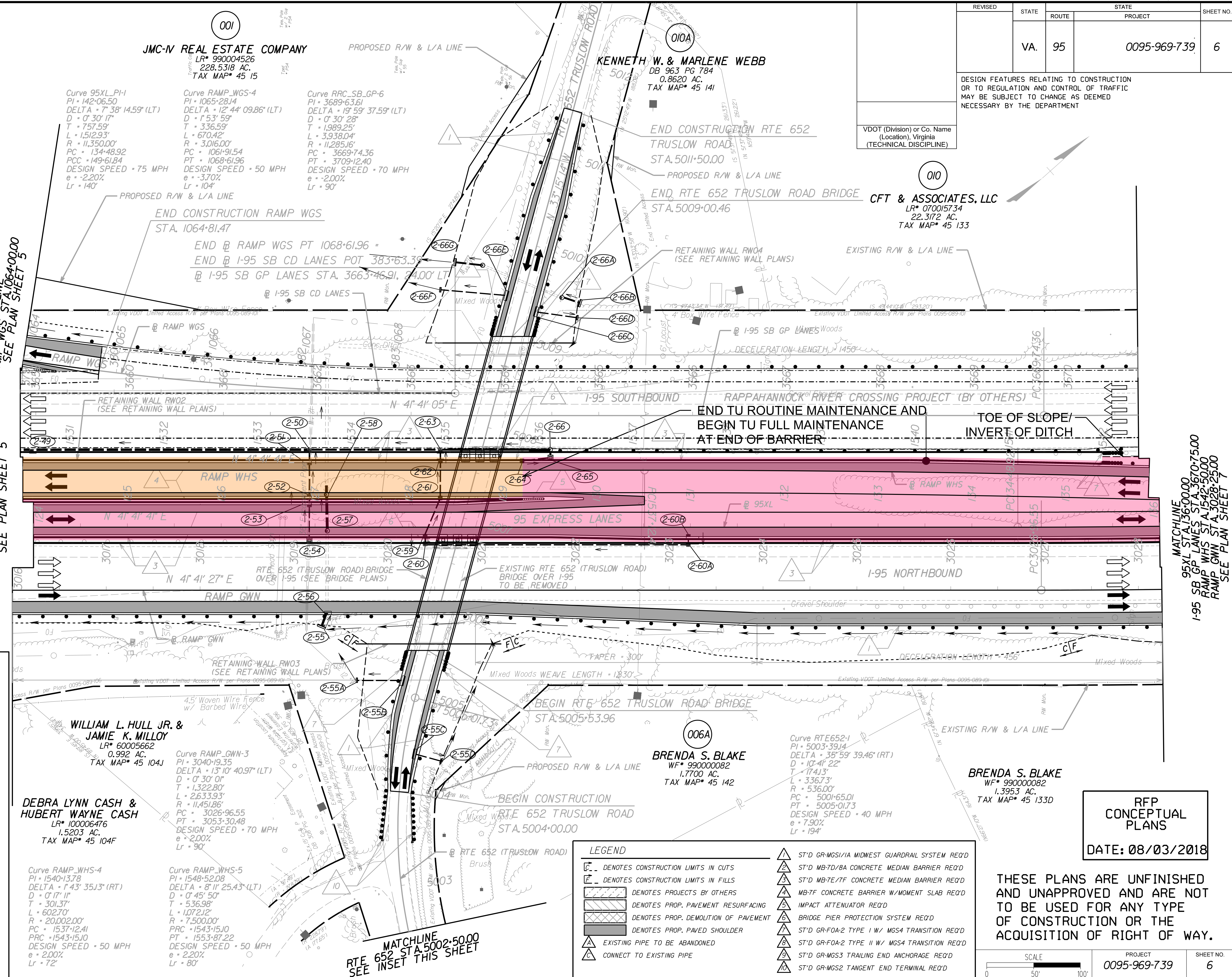
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VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)

CFT & ASSOCIATES, LLC
LR# 070015734
22.3172 AC.
TAX MAP# 45 133

LEGEND

- TU ROUTINE MAINTENANCE
- TU FULL MAINTENANCE



- LEGEND**
- DENOTES CONSTRUCTION LIMITS IN CUTS
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 - ST'D MB-7D/BA CONCRETE MEDIAN BARRIER REQ'D
 - ST'D MB-7E/TF CONCRETE MEDIAN BARRIER REQ'D
 - MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
 - IMPACT ATTENUATOR REQ'D
 - BRIDGE PIER PROTECTION SYSTEM REQ'D
 - ST'D GR-FOA-2 TYPE I W/ MGS4 TRANSITION REQ'D
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RFP CONCEPTUAL PLANS
DATE: 08/03/2018

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SCALE	PROJECT	SHEET NO.
0 50' 100'	0095-969-739	6

PROJECT MANAGER Rob. Keras, PE
SURVEYED BY, DATE Bice Associates
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

Curve 95XL-PI-1
PI = 142+06.50
DELTA = 7° 38' 14.59" (LT)
D = 0' 30' 17"
T = 757.59'
L = 1512.93'
R = 11,350.00'
PC = 134+48.92
PCC = 149+61.84
DESIGN SPEED = 75 MPH
e = -2.20%
Lr = 140'

Curve RAMP_WHS-5
PI = 1548+52.08
DELTA = 8° 11' 25.43" (LT)
D = 0' 45' 50"
T = 536.98'
L = 1072.12'
R = 7,500.00'
PRC = 1543+15.10
PT = 1553+87.22
DESIGN SPEED = 50 MPH
e = 2.20%
Lr = 80'

Curve RRC_SB-6P-6
PI = 3689+63.61
DELTA = 19° 59' 37.59" (LT)
D = 0' 30' 28"
T = 1989.25'
L = 3,938.04'
R = 11,285.16'
PC = 3669+74.36
PT = 3709+12.40
DESIGN SPEED = 70 MPH
e = -2.00%
Lr = 90'

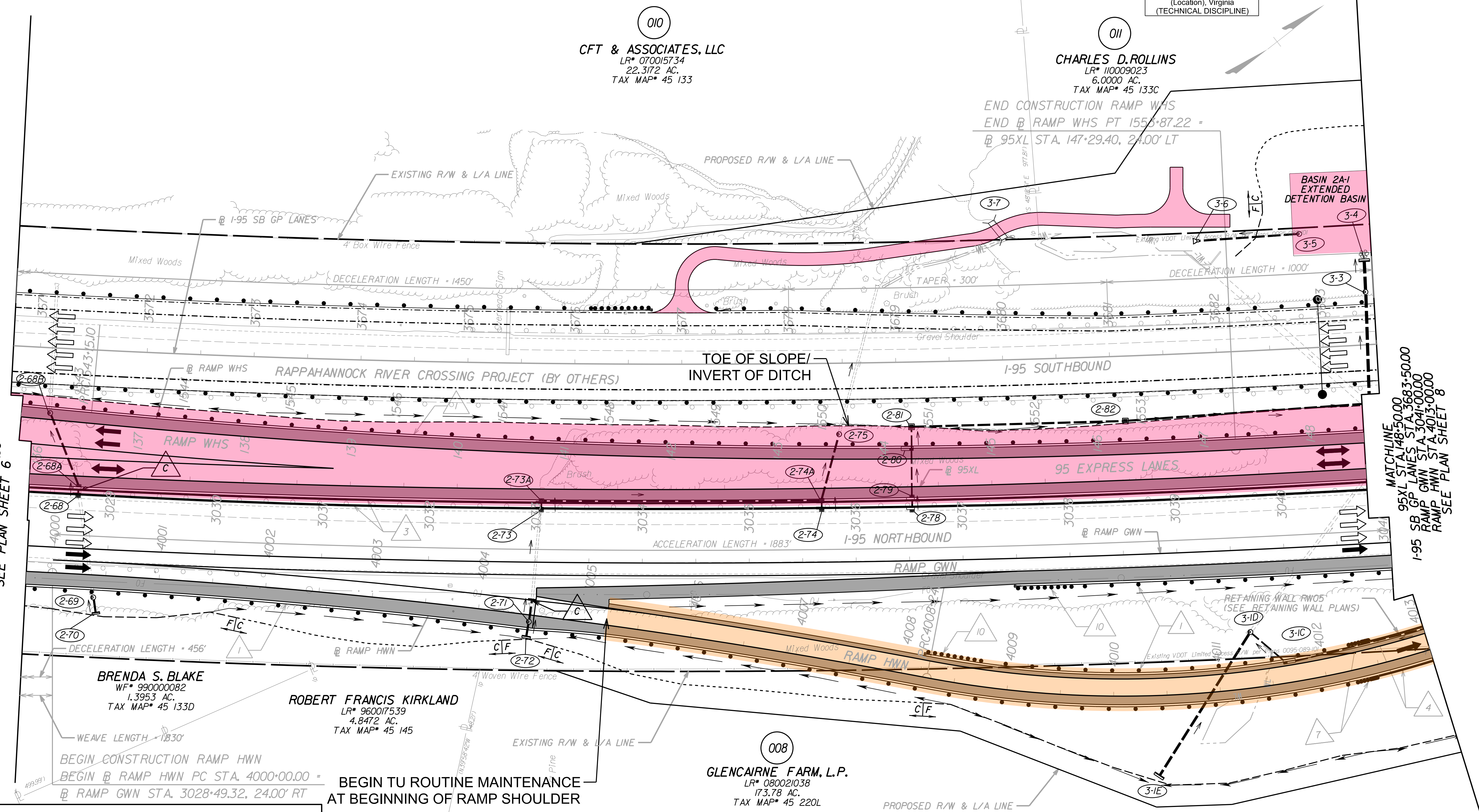
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REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	95	0095-969-739	7

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT (Division) or Co. Name
(Location), Virginia
(TECHNICAL DISCIPLINE)



MATCHLINE
95XL STA 136+00.00
1-95 SB GP LANES STA 136+00.00
RAMP WHS STA 1542+50.00
RAMP GWN STA 3028+25.00
SEE PLAN SHEET 6

MATCHLINE
95XL STA 146+50.00
95 SB GP LANES STA 3683+50.00
RAMP GWN STA 3041+00.00
RAMP HWN STA 4013+00.00
SEE PLAN SHEET 8

BRENDA S. BLAKE
WF# 990000082
1.3953 AC.
TAX MAP# 45 133D

ROBERT FRANCIS KIRKLAND
LR# 960017539
4.8472 AC.
TAX MAP# 45 145

GLENCAIRNE FARM, L.P.
LR# 080021038
173.78 AC.
TAX MAP# 45 220L

- LEGEND**
- DENOTES CONSTRUCTION LIMITS IN CUTS
 - DENOTES CONSTRUCTION LIMITS IN FILLS
 - DENOTES PROJECTS BY OTHERS
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 - ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
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 - IMPACT ATTENUATOR REQ'D
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 - ST'D GR-MGS2 TANGENT END TERMINAL REQ'D

- ST'D GR-MGS1/A MIDWEST GUARDRAIL SYSTEM REQ'D
- ST'D MB-7D/8A CONCRETE MEDIAN BARRIER REQ'D
- ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
- MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
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- ST'D GR-FOA-2 TYPE I W/ MGS4 TRANSITION REQ'D
- ST'D GR-FOA-2 TYPE II W/ MGS4 TRANSITION REQ'D
- ST'D GR-MGS3 TRAILING END ANCHORAGE REQ'D
- ST'D GR-MGS2 TANGENT END TERMINAL REQ'D

Curve RAMP_GWN-3
PI = 3040+19.35
DELTA = 13° 10' 40.97" (LT)
D = 0' 30' 01"
T = 1,322.80'
L = 2,633.93'
R = 11,451.86'
PC = 3026+96.55'
PT = 3053+30.48'
DESIGN SPEED = 70 MPH
e = 2.00%
Lr = 90'

Curve RAMP_HWN-1
PI = 4004+12.71
DELTA = 7° 51' 09.92" (RT)
D = 0' 57' 10"
T = 412.71'
L = 824.12'
R = 6,013.00'
PC = 4000+00.00
PRC = 4008+24.12
DESIGN SPEED = 50 MPH
e = 2.00%
Lr = 57'

Curve RAMP_HWN-2
PI = 4012+26.15
DELTA = 44° 46' 31.34" (LT)
D = 5' 52' 14"
T = 402.03'
L = 762.72'
R = 976.00'
PRC = 4008+24.12
PT = 4015+86.84
DESIGN SPEED = 40 MPH
e = -6.10%
Lr = 148'

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

PROJECT MANAGER: Rob. Keras, PE
SURVEYED BY, DATE: Blca, Associates
DESIGN BY: HDR, Engineering
SUBSURFACE UTILITY BY, DATE: N/A

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	95	0095-969-739	8

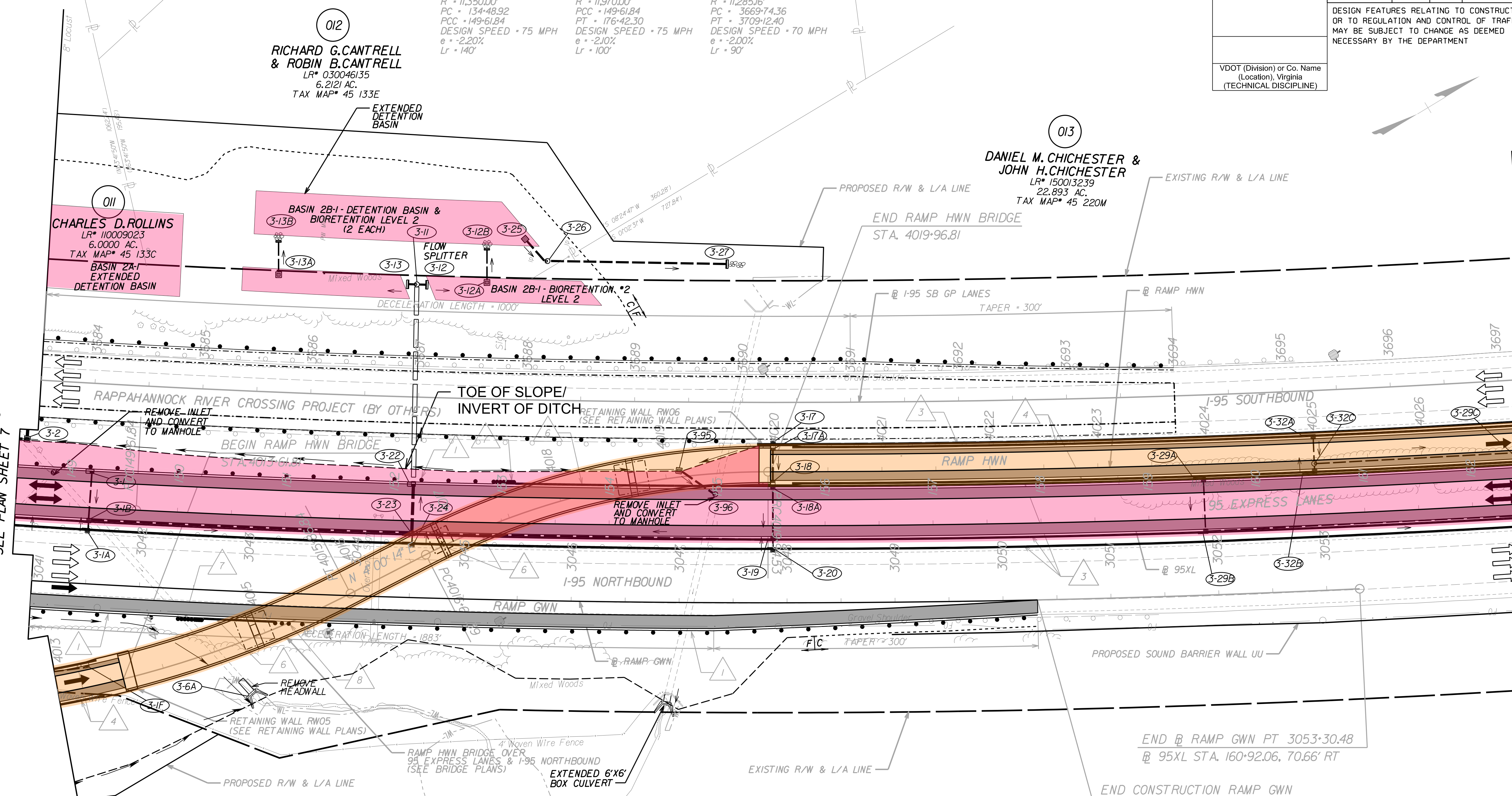
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)

Curve 95XL-PI-1
PI = 142+06.50
DELTA = 7° 38' 14.59" (LT)
D = 0° 30' 17"
T = 757.59'
L = 1,512.93'
R = 11,350.00'
PC = 134+48.92
PCC = 149+61.84
DESIGN SPEED = 75 MPH
e = -2.20%
Lr = 140'

Curve 95XL-PI-2
PI = 163+07.70
DELTA = 12° 49' 49.09" (LT)
D = 0° 28' 43"
T = 1,345.86'
L = 2,680.45'
R = 11,970.00'
PC = 149+61.84
PCC = 176+42.30
DESIGN SPEED = 75 MPH
e = -2.10%
Lr = 100'

Curve RRC-SB-GP-6
PI = 3689+63.61
DELTA = 19° 59' 37.59" (LT)
D = 0° 30' 28"
T = 1,989.25'
L = 3,938.04'
R = 11,285.16'
PC = 3669+74.36
PCC = 3709+12.40
DESIGN SPEED = 70 MPH
e = -2.00%
Lr = 90'



012
RICHARD G. CANTRELL & ROBIN B. CANTRELL
LR# 030046135
6.2121 AC.
TAX MAP# 45 133E

011
CHARLES D. ROLLINS
LR# 110009023
6.0000 AC.
TAX MAP# 45 133C

013
DANIEL M. CHICHESTER & JOHN H. CHICHESTER
LR# 150013239
22.893 AC.
TAX MAP# 45 220M

Curve RAMP HWN-2
PI = 4012+26.15
DELTA = 44° 46' 31.34" (LT)
D = 5° 52' 14"
T = 402.03'
L = 762.72'
R = 976.00'
PRC = 4008+24.12
PT = 4015+86.84
DESIGN SPEED = 40 MPH
e = -6.10%
Lr = 148'

Curve RAMP HWN-3
PI = 4018+33.13
DELTA = 27° 15' 06.64" (RT)
D = 8° 16' 47"
T = 167.74'
L = 329.14'
R = 692.00'
PC = 4016+65.39
PCC = 4019+94.53
DESIGN SPEED = 40 MPH
e = 7.20%
Lr = 175'

Curve RAMP HWN-4
PI = 4027+61.80
DELTA = 7° 21' 52.20" (LT)
D = 0° 28' 50"
T = 767.27'
L = 1,532.43'
R = 11,920.00'
PC = 4019+94.53
PCC = 4035+26.95
DESIGN SPEED = 50 MPH
e = -2.00%
Lr = 57'

Curve RAMP GWN-3
PI = 3040+19.35
DELTA = 13° 10' 40.97" (LT)
D = 0° 30' 01"
T = 1,322.80'
L = 2,633.93'
R = 11,451.86'
PC = 3026+96.55
PCC = 3053+30.48
DESIGN SPEED = 70 MPH
e = -2.00%
Lr = 90'

008
GLENCAIRNE FARM, L.P.
LR# 080021038
173.78 AC.
TAX MAP# 45 220L

COUNTY OF STAFFORD, VIRGINIA
LR# 130010913
LR# 070010139
43.581 AC.
TAX MAP# 45 220K

LEGEND

TU ROUTINE MAINTENANCE

TU FULL MAINTENANCE

LEGEND

	ST'D GR-MGS1/A MIDWEST GUARDRAIL SYSTEM REQ'D
	ST'D MB-7D/8A CONCRETE MEDIAN BARRIER REQ'D
	ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
	MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
	IMPACT ATTENUATOR REQ'D
	BRIDGE PIER PROTECTION SYSTEM REQ'D
	ST'D GR-FOA-2 TYPE I W/ MGS4 TRANSITION REQ'D
	ST'D GR-FOA-2 TYPE II W/ MGS4 TRANSITION REQ'D
	ST'D GR-MGS3 TRAILING END ANCHORAGE REQ'D
	ST'D GR-MGS2 TANGENT END TERMINAL REQ'D

RFP CONCEPTUAL PLANS
DATE: 08/03/2018

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	SHEET NO.
0095-969-739	8

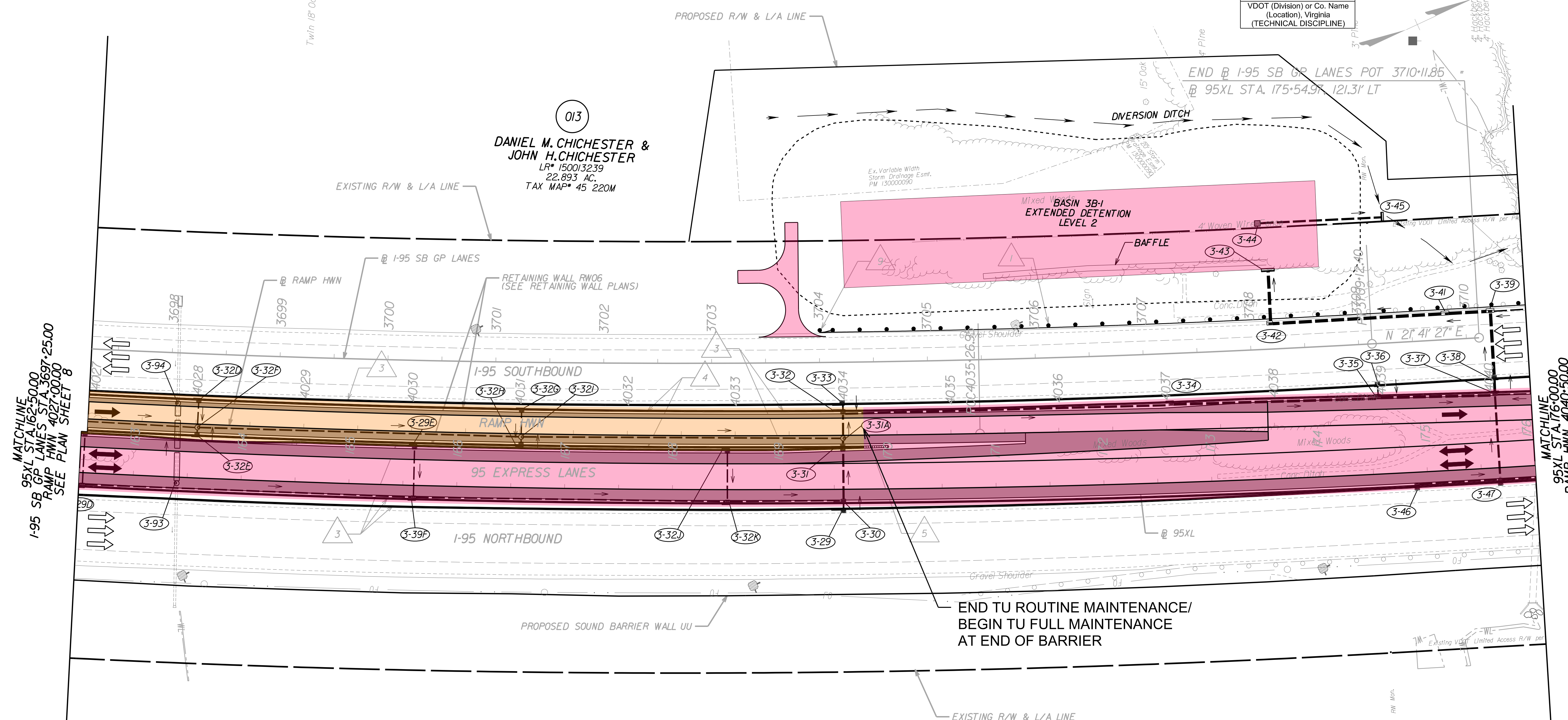
PROJECT MANAGER Rob. Keras, P.E.
SURVEYED BY, DATE Blice Associates
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

Curve RRC_SB_GP-6
PI • 3689+63.61
DELTA • 19° 59' 37.59" (LT)
D • 0' 30' 28"
T • 1989.25'
L • 3938.04'
R • 11285.16'
PC • 3669+74.36
PT • 3709+12.40
DESIGN SPEED • 70 MPH
e • -2.00%
Lr • 90'

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	95	0095-969-739	9

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)



013
DANIEL M. CHICHESTER &
JOHN H. CHICHESTER
LR* 150013239
22,893 AC.
TAX MAP* 45 220M

Curve 95XL_PI-2
PI • 162+79.48
DELTA • 13° 06' 14.39" (LT)
D • 0' 28' 43"
T • 1374.81'
L • 2737.63'
R • 11970.00'
PCC • 149+04.67
PT • 176+42.30
DESIGN SPEED • 75 MPH
e • -2.10%
Lr • 100'

Curve RAMP_HWN-4
PI • 4027+61.80
DELTA • 7° 21' 57.20" (LT)
D • 0' 28' 50"
T • 767.27'
L • 1532.42'
R • 11920.00'
PRC • 4019+94.53
PCC • 4035+26.95
DESIGN SPEED • 50 MPH
e • -2.00%
Lr • 57'

Curve RAMP_HWN-5
PI • 4043+63.64
DELTA • 2° 39' 46.00" (LT)
D • 0' 09' 33"
T • 836.69'
L • 1673.07'
R • 36000.00'
PCC • 4035+26.95
PT • 4052+00.03
DESIGN SPEED • 50 MPH
e • -2.00%
Lr • 57'

COUNTY OF STAFFORD, VIRGINIA
LR* 130010913
LR* 070010139
43,581 AC.
TAX MAP* 45 220K

LEGEND
TU ROUTINE MAINTENANCE
TU FULL MAINTENANCE

LEGEND

	DENOTES CONSTRUCTION LIMITS IN CUTS		ST'D GR-MGS1/A MIDWEST GUARDRAIL SYSTEM REQ'D
	DENOTES CONSTRUCTION LIMITS IN FILLS		ST'D MB-7D/8A CONCRETE MEDIAN BARRIER REQ'D
	DENOTES PROJECTS BY OTHERS		ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
	DENOTES PROP. PAVEMENT RESURFACING		MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
	DENOTES PROP. DEMOLITION OF PAVEMENT		IMPACT ATTENUATOR REQ'D
	DENOTES PROP. PAVED SHOULDER		BRIDGE PIER PROTECTION SYSTEM REQ'D
	EXISTING PIPE TO BE ABANDONED		ST'D GR-FOA-2 TYPE I W/ MGS4 TRANSITION REQ'D
	CONNECT TO EXISTING PIPE		ST'D GR-FOA-2 TYPE II W/ MGS4 TRANSITION REQ'D
			ST'D GR-MGS3 TRAILING END ANCHORAGE REQ'D
			ST'D GR-MGS2 TANGENT END TERMINAL REQ'D

RFP CONCEPTUAL PLANS
DATE: 08/03/2018

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

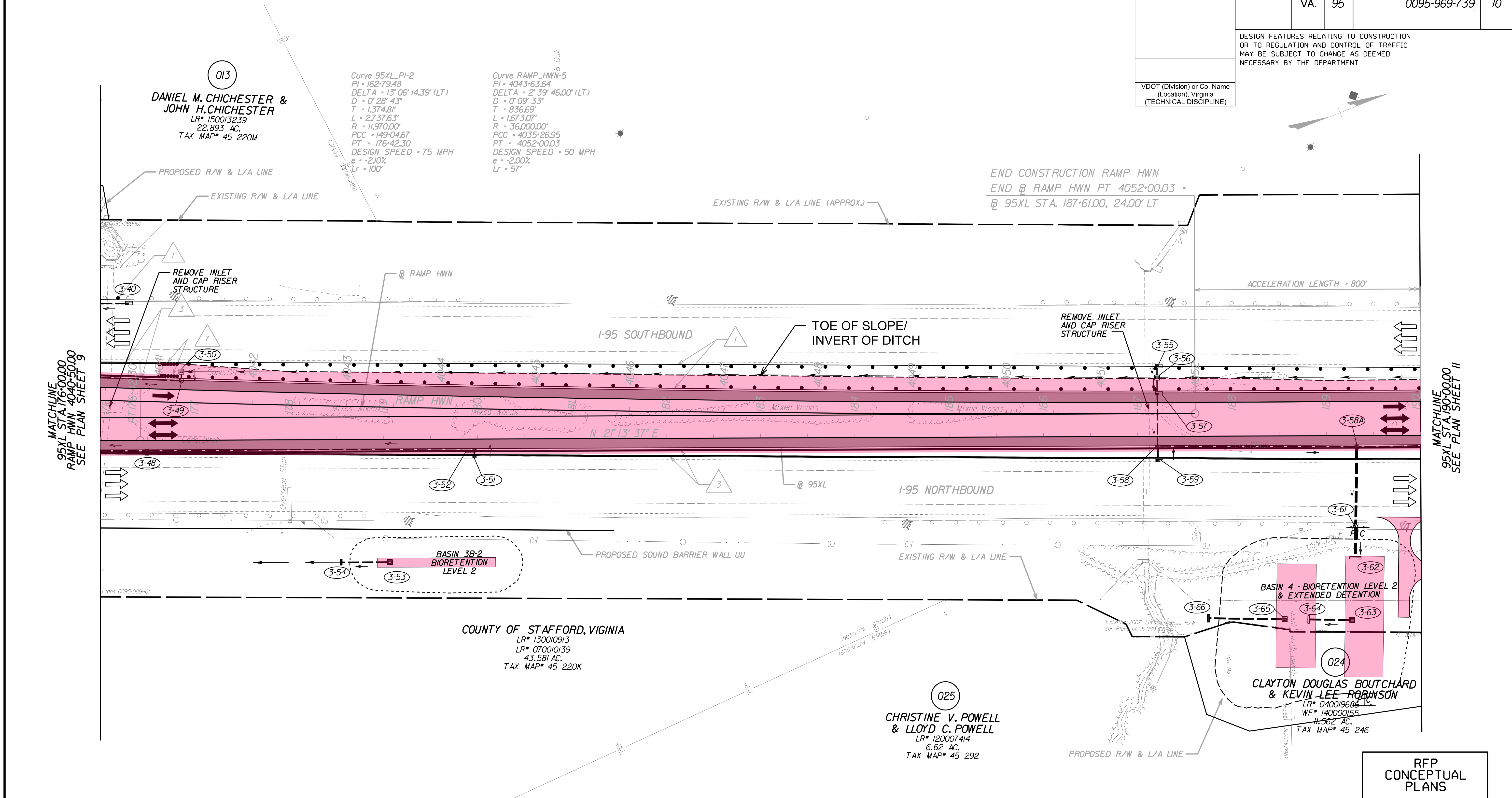
SCALE 0 50' 100'	PROJECT 0095-969-739	SHEET NO. 9
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PROJECT MANAGER Rob. Keras, PE
SURVEYED BY, DATE Bice Associates
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	95		0095-969-739	10

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT (Division) or Co. Name
(Location), Virginia
(TECHNICAL DISCIPLINE)



013
DANIEL M. CHICHESTER & JOHN H. CHICHESTER
LR* 150013239
22.893 AC.
TAX MAP* 45 220M

Curve 95XL_PI-2
PI - 162+79.48
DELTA - 13° 06' 14.39" (LT)
D - 0° 28' 43"
T - 1,374.81'
L - 2,737.63'
R - 11,970.00'
PCC - 149+04.67
PT - 176+42.30
DESIGN SPEED - 75 MPH
e - -2.00%
Lr - 100'

Curve RAMP_HWN-5
PI - 4043+63.64
DELTA - 2° 39' 46.00" (LT)
D - 0° 09' 33"
T - 836.69'
L - 1,673.07'
R - 36,000.00'
PCC - 4035+26.95
PT - 4052+00.03
DESIGN SPEED - 50 MPH
e - -2.00%
Lr - 57'

END CONSTRUCTION RAMP HWN
END @ RAMP HWN PT 4052+00.03 =
@ 95XL STA. 187+61.00, 24.00' LT

COUNTY OF STAFFORD, VIRGINIA
LR* 130010913
LR* 070010139
43.581 AC.
TAX MAP* 45 220K

025
CHRISTINE V. POWELL & LLOYD C. POWELL
LR* 120007414
6.62 AC.
TAX MAP* 45 292

024
CLAYTON DOUGLAS BOUTCHARD & KEVIN LEE ROBINSON
LR* 040019684
WF* 140000155
11.562 AC.
TAX MAP* 45 246

LEGEND

- TU ROUTINE MAINTENANCE
- TU FULL MAINTENANCE

LEGEND	
	DENOTES CONSTRUCTION LIMITS IN CUTS
	DENOTES CONSTRUCTION LIMITS IN FILLS
	DENOTES PROJECTS BY OTHERS
	DENOTES PROP. PAVEMENT RESURFACING
	DENOTES PROP. DEMOLITION OF PAVEMENT
	DENOTES PROP. PAVED SHOULDER
	EXISTING PIPE TO BE ABANDONED
	CONNECT TO EXISTING PIPE
	ST'D GR-MGS1/A MIDWEST GUARDRAIL SYSTEM REQ'D
	ST'D MB-7D/8A CONCRETE MEDIAN BARRIER REQ'D
	ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
	MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
	IMPACT ATTENUATOR REQ'D
	BRIDGE PIER PROTECTION SYSTEM REQ'D
	ST'D GR-FOA-2 TYPE I W/ MGS4 TRANSITION REQ'D
	ST'D GR-FOA-2 TYPE II W/ MGS4 TRANSITION REQ'D
	ST'D GR-MGS3 TRAILING END ANCHORAGE REQ'D
	ST'D GR-MGS2 TANGENT END TERMINAL REQ'D

RFP CONCEPTUAL PLANS
DATE: 08/03/2018

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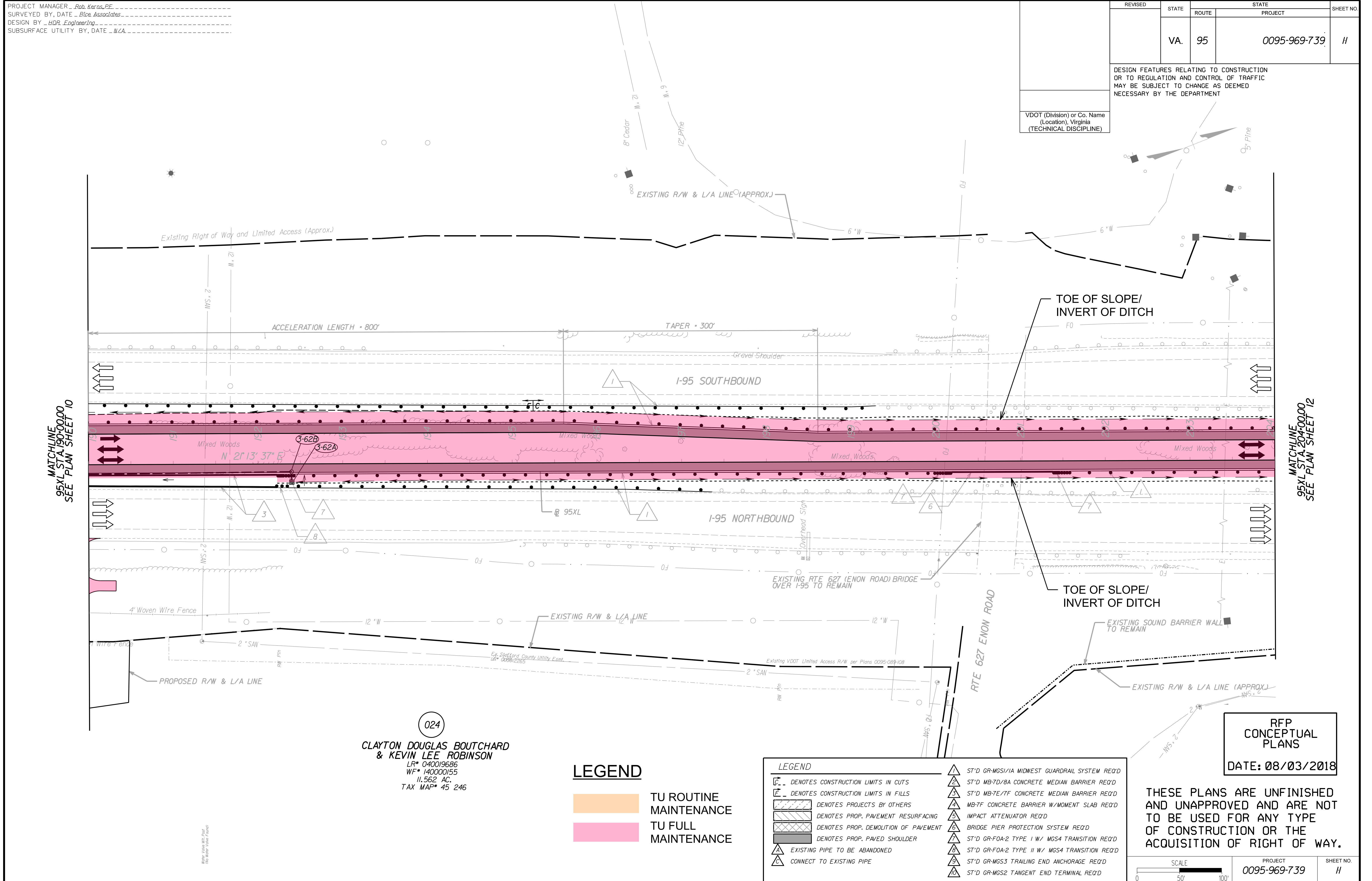
SCALE 0 50' 100'	PROJECT 0095-969-739	SHEET NO. 10
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PROJECT MANAGER - Rob. Keras, PE
SURVEYED BY, DATE - Bice Associates
DESIGN BY - HDR Engineering
SUBSURFACE UTILITY BY, DATE - N/A

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	95		0095-969-739	11

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)



MATCHLINE
95XL STA 190+00.00
SEE PLAN SHEET 10

MATCHLINE
95XL STA 204+00.00
SEE PLAN SHEET 12

024
CLAYTON DOUGLAS BOUTCHARD
& KEVIN LEE ROBINSON
LR# 040019686
WF# 140000155
11.562 AC.
TAX MAP# 45 246

LEGEND

TU ROUTINE MAINTENANCE

TU FULL MAINTENANCE

LEGEND

	DENOTES CONSTRUCTION LIMITS IN CUTS		ST'D GR-MGS1/1A MIDWEST GUARDRAIL SYSTEM REQ'D
	DENOTES CONSTRUCTION LIMITS IN FILLS		ST'D MB-7D/8A CONCRETE MEDIAN BARRIER REQ'D
	DENOTES PROJECTS BY OTHERS		ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
	DENOTES PROP. PAVEMENT RESURFACING		MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
	DENOTES PROP. DEMOLITION OF PAVEMENT		IMPACT ATTENUATOR REQ'D
	DENOTES PROP. PAVED SHOULDER		BRIDGE PIER PROTECTION SYSTEM REQ'D
	EXISTING PIPE TO BE ABANDONED		ST'D GR-FOA-2 TYPE 1 W/ MGS4 TRANSITION REQ'D
	CONNECT TO EXISTING PIPE		ST'D GR-FOA-2 TYPE 2 W/ MGS4 TRANSITION REQ'D
			ST'D GR-MGS3 TRAILING END ANCHORAGE REQ'D
			ST'D GR-MGS2 TANGENT END TERMINAL REQ'D

RFP
CONCEPTUAL
PLANS
DATE: 08/03/2018

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

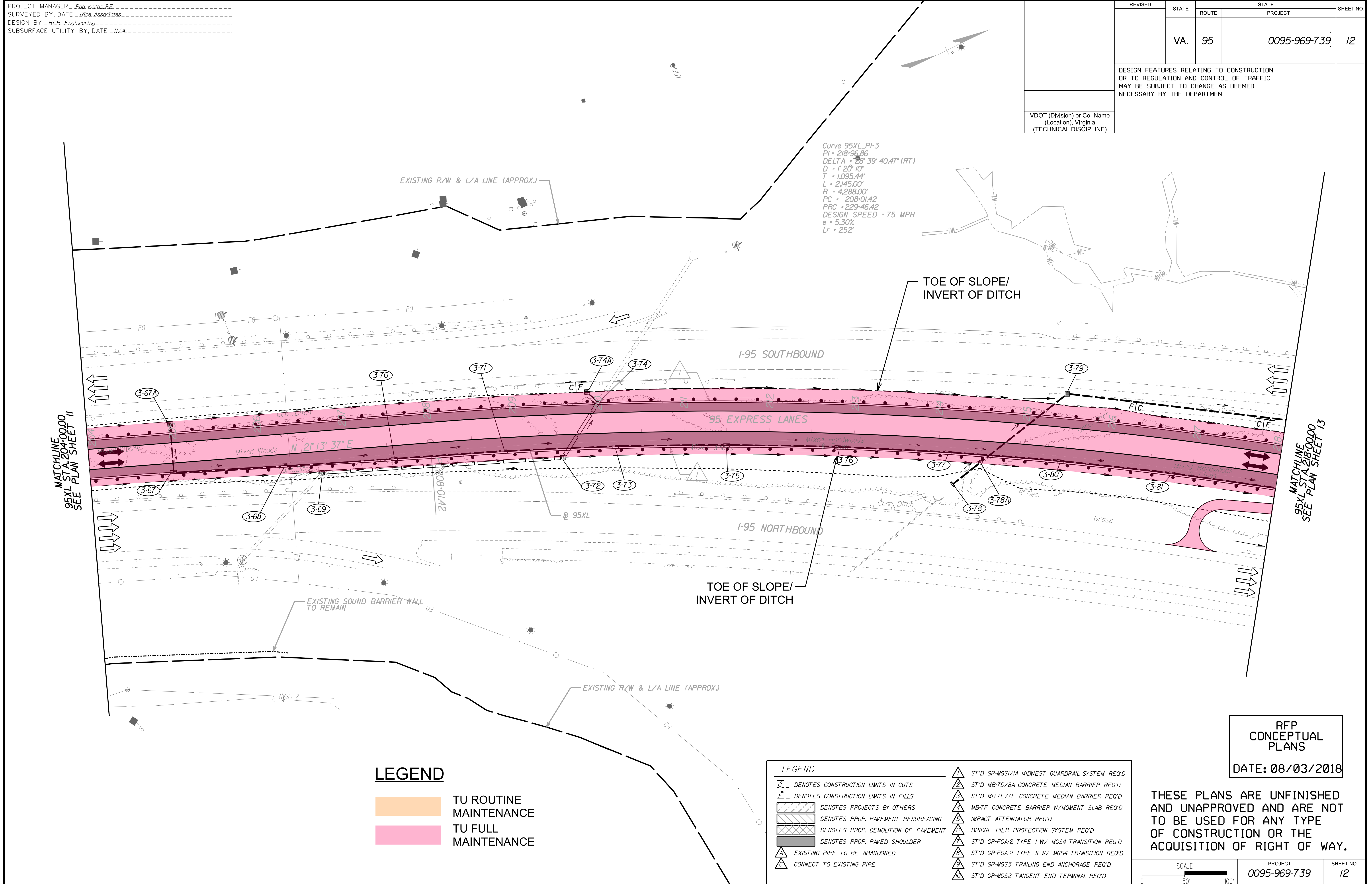
SCALE 0 50' 100'	PROJECT 0095-969-739	SHEET NO. 11
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PROJECT MANAGER - Rob. Keras, P.E.
SURVEYED BY, DATE - Blca, Associates
DESIGN BY - HDR Engineering
SUBSURFACE UTILITY BY, DATE - N/A

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	95	0095-969-739	12

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT (Division) or Co. Name
(Location), Virginia
(TECHNICAL DISCIPLINE)



LEGEND

TU ROUTINE MAINTENANCE

TU FULL MAINTENANCE

LEGEND

	DENOTES CONSTRUCTION LIMITS IN CUTS		ST'D GR-MGS1/IA MIDWEST GUARDRAIL SYSTEM REQ'D
	DENOTES CONSTRUCTION LIMITS IN FILLS		ST'D MB-7D/BA CONCRETE MEDIAN BARRIER REQ'D
	DENOTES PROJECTS BY OTHERS		ST'D MB-7E/TF CONCRETE MEDIAN BARRIER REQ'D
	DENOTES PROP. PAVEMENT RESURFACING		MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
	DENOTES PROP. DEMOLITION OF PAVEMENT		IMPACT ATTENUATOR REQ'D
	DENOTES PROP. PAVED SHOULDER		BRIDGE PIER PROTECTION SYSTEM REQ'D
	EXISTING PIPE TO BE ABANDONED		ST'D GR-FOA-2 TYPE I W/ MGS4 TRANSITION REQ'D
	CONNECT TO EXISTING PIPE		ST'D GR-FOA-2 TYPE II W/ MGS4 TRANSITION REQ'D
			ST'D GR-MGS3 TRAILING END ANCHORAGE REQ'D
			ST'D GR-MGS2 TANGENT END TERMINAL REQ'D

RFP
CONCEPTUAL
PLANS
DATE: 08/03/2018

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

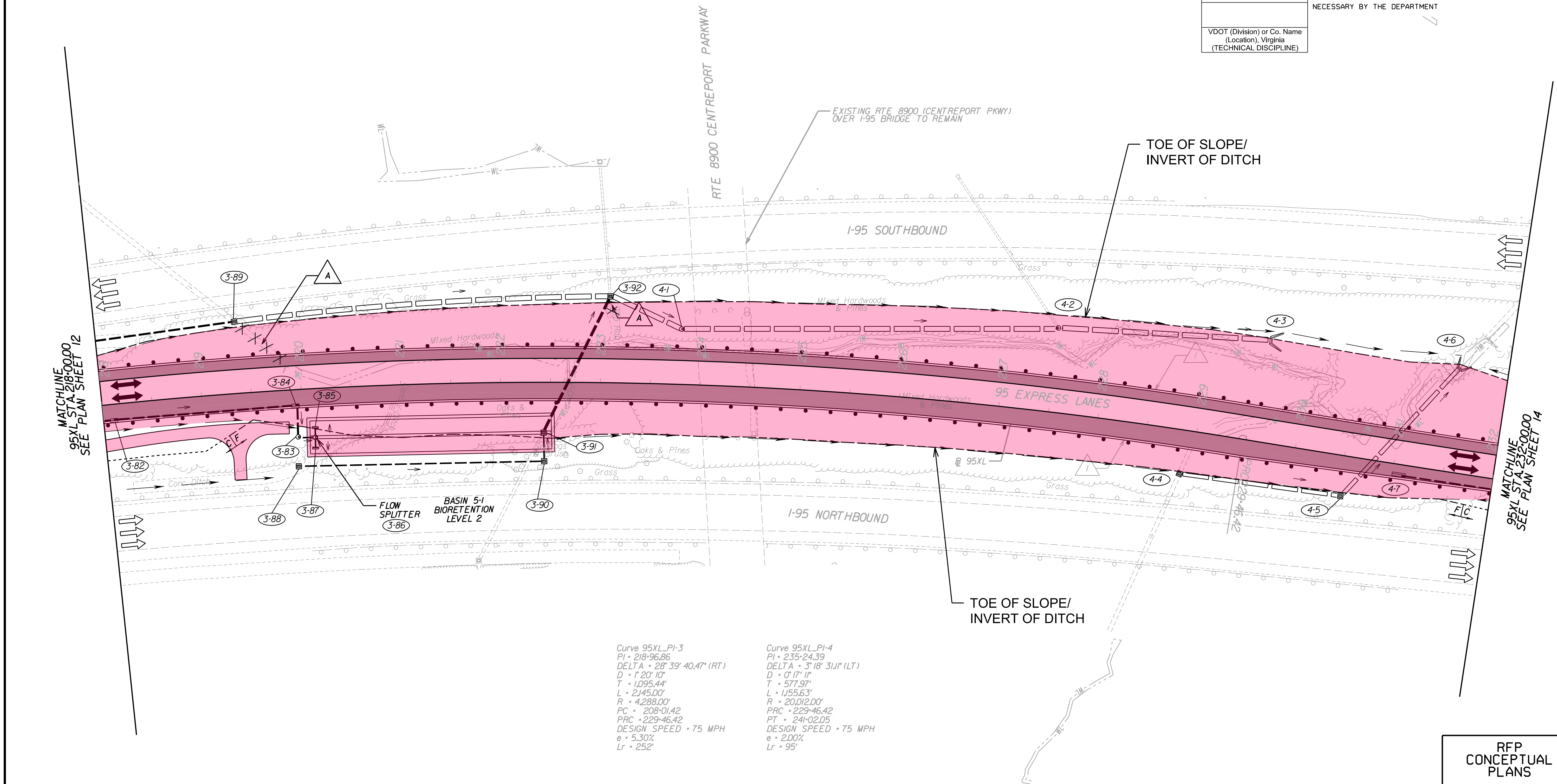
SCALE 0 50' 100'	PROJECT 0095-969-739	SHEET NO. 12
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PROJECT MANAGER - Rob. Keras, PE
SURVEYED BY, DATE - Blca Associates
DESIGN BY - HDR Engineering
SUBSURFACE UTILITY BY, DATE - N/A

REVISED	STATE		STATE		SHEET NO.
	VA.	ROUTE	PROJECT		
	VA.	95	0095-969-739		13

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)



LEGEND

TU ROUTINE MAINTENANCE (Orange box)

TU FULL MAINTENANCE (Pink box)

LEGEND

	DENOTES CONSTRUCTION LIMITS IN CUTS		ST'D GR-MGS1/1A MIDWEST GUARDRAIL SYSTEM REQ'D
	DENOTES CONSTRUCTION LIMITS IN FILLS		ST'D MB-7D/8A CONCRETE MEDIAN BARRIER REQ'D
	DENOTES PROJECTS BY OTHERS		ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
	DENOTES PROP. PAVEMENT RESURFACING		MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
	DENOTES PROP. DEMOLITION OF PAVEMENT		IMPACT ATTENUATOR REQ'D
	DENOTES PROP. PAVED SHOULDER		BRIDGE PIER PROTECTION SYSTEM REQ'D
	EXISTING PIPE TO BE ABANDONED		ST'D GR-FOA-2 TYPE I W/ MGS4 TRANSITION REQ'D
	CONNECT TO EXISTING PIPE		ST'D GR-FOA-2 TYPE II W/ MGS4 TRANSITION REQ'D
			ST'D GR-MGS3 TRAILING END ANCHORAGE REQ'D
			ST'D GR-MGS2 TANGENT END TERMINAL REQ'D

RFP CONCEPTUAL PLANS
DATE: 08/03/2018

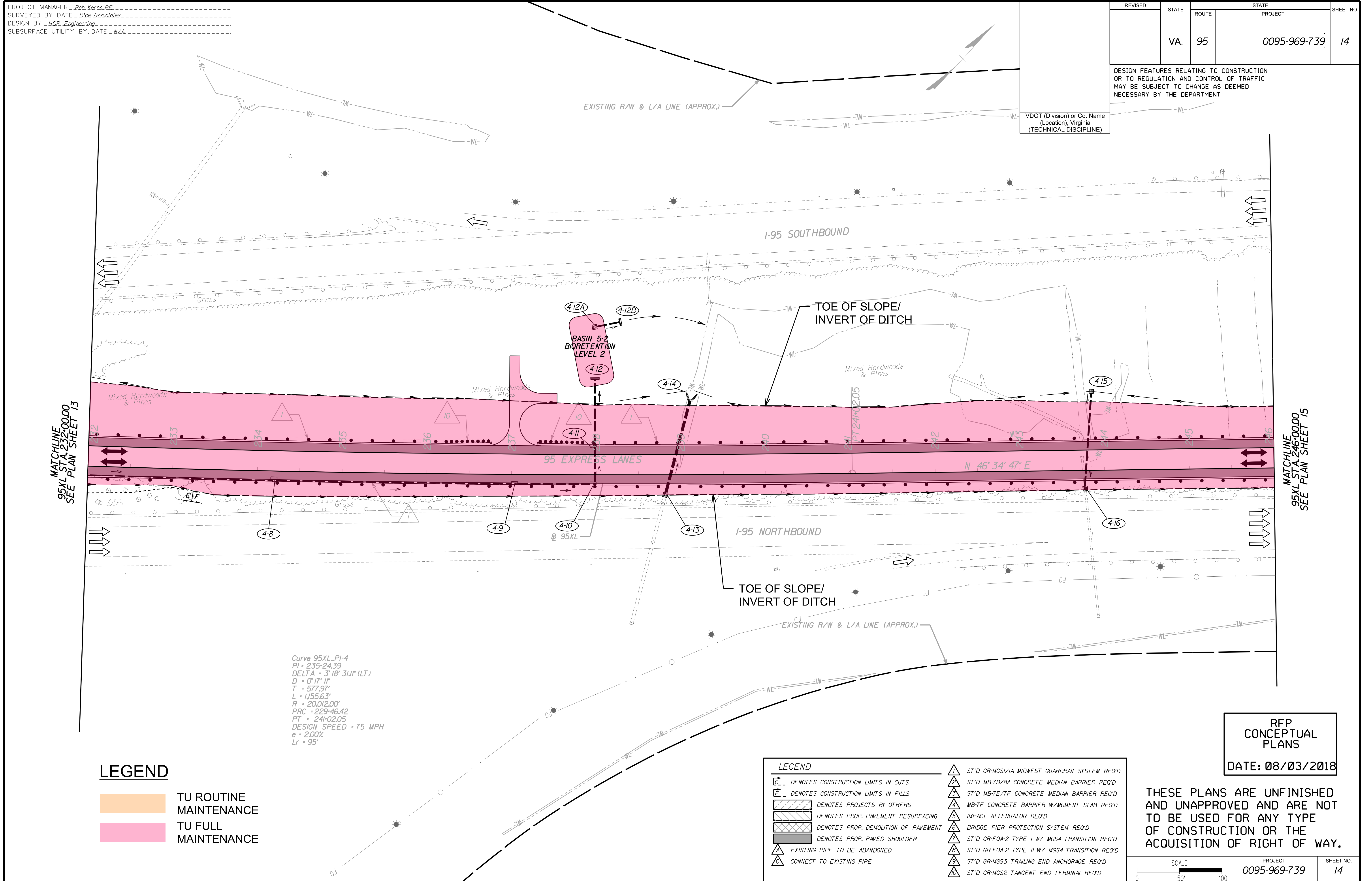
THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

PROJECT MANAGER - Rob. Keras, P.E.
SURVEYED BY, DATE - Blca, Associates
DESIGN BY - HDR Engineering
SUBSURFACE UTILITY BY, DATE - N/A

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	95		0095-969-739	14

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT (Division) or Co. Name
(Location), Virginia
(TECHNICAL DISCIPLINE)



Curve 95XL_PI-4
PI = 235+24.39
DELTA = 3° 18' 31.1" (LT)
D = 0' 17" 11"
T = 577.97'
L = 1155.63'
R = 20,012.00'
PRC = 229+46.42
PT = 241+02.05
DESIGN SPEED = 75 MPH
e = 2.00%
Lr = 95'

LEGEND

TU ROUTINE MAINTENANCE

TU FULL MAINTENANCE

LEGEND

	DENOTES CONSTRUCTION LIMITS IN CUTS		ST'D GR-MGS1/A MIDWEST GUARDRAIL SYSTEM REQ'D
	DENOTES CONSTRUCTION LIMITS IN FILLS		ST'D MB-7D/8A CONCRETE MEDIAN BARRIER REQ'D
	DENOTES PROJECTS BY OTHERS		ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
	DENOTES PROP. PAVEMENT RESURFACING		MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
	DENOTES PROP. DEMOLITION OF PAVEMENT		IMPACT ATTENUATOR REQ'D
	DENOTES PROP. PAVED SHOULDER		BRIDGE PIER PROTECTION SYSTEM REQ'D
	EXISTING PIPE TO BE ABANDONED		ST'D GR-FOA-2 TYPE I W/ MGS4 TRANSITION REQ'D
	CONNECT TO EXISTING PIPE		ST'D GR-FOA-2 TYPE II W/ MGS4 TRANSITION REQ'D
			ST'D GR-MGS3 TRAILING END ANCHORAGE REQ'D
			ST'D GR-MGS2 TANGENT END TERMINAL REQ'D

RFP
CONCEPTUAL
PLANS
DATE: 08/03/2018

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

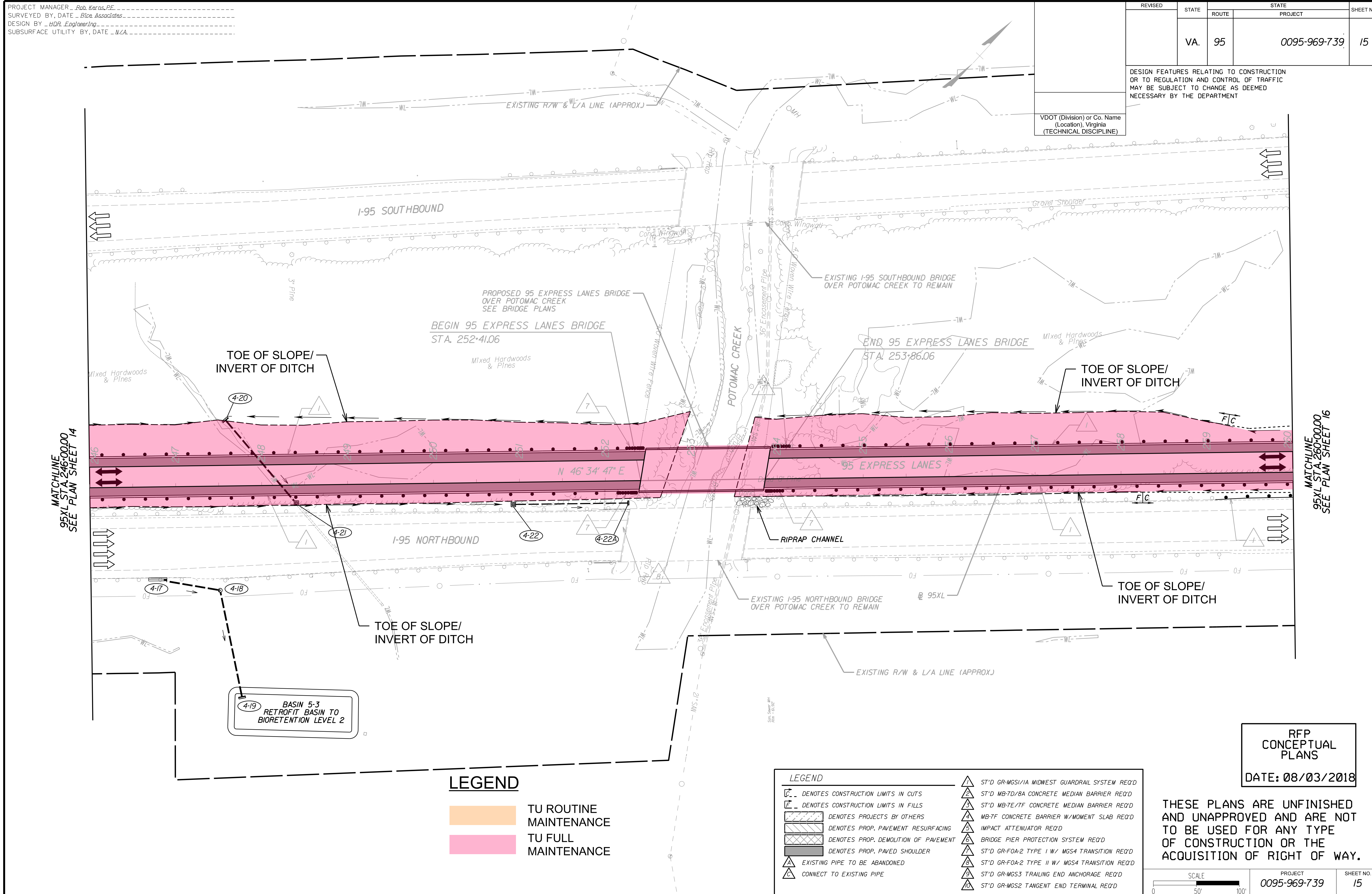
SCALE 0 50' 100'	PROJECT 0095-969-739	SHEET NO. 14
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PROJECT MANAGER - Rob. Keras, PE
SURVEYED BY, DATE - Blca Associates
DESIGN BY - HDR Engineering
SUBSURFACE UTILITY BY, DATE - N/A

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	95		0095-969-739	15

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)



MATCHLINE
95XL STA. 246+00.00
SEE PLAN SHEET 14

MATCHLINE
95XL STA. 260+00.00
SEE PLAN SHEET 16

LEGEND

- TU ROUTINE MAINTENANCE
- TU FULL MAINTENANCE

LEGEND	
	ST'D GR-MGS1/IA MIDWEST GUARDRAIL SYSTEM REQ'D
	ST'D MB-7D/8A CONCRETE MEDIAN BARRIER REQ'D
	ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
	MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
	IMPACT ATTENUATOR REQ'D
	BRIDGE PIER PROTECTION SYSTEM REQ'D
	ST'D GR-FOA-2 TYPE I W/ MGS4 TRANSITION REQ'D
	ST'D GR-FOA-2 TYPE II W/ MGS4 TRANSITION REQ'D
	ST'D GR-MGS3 TRAILING END ANCHORAGE REQ'D
	ST'D GR-MGS2 TANGENT END TERMINAL REQ'D

RFP
CONCEPTUAL
PLANS
DATE: 08/03/2018

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

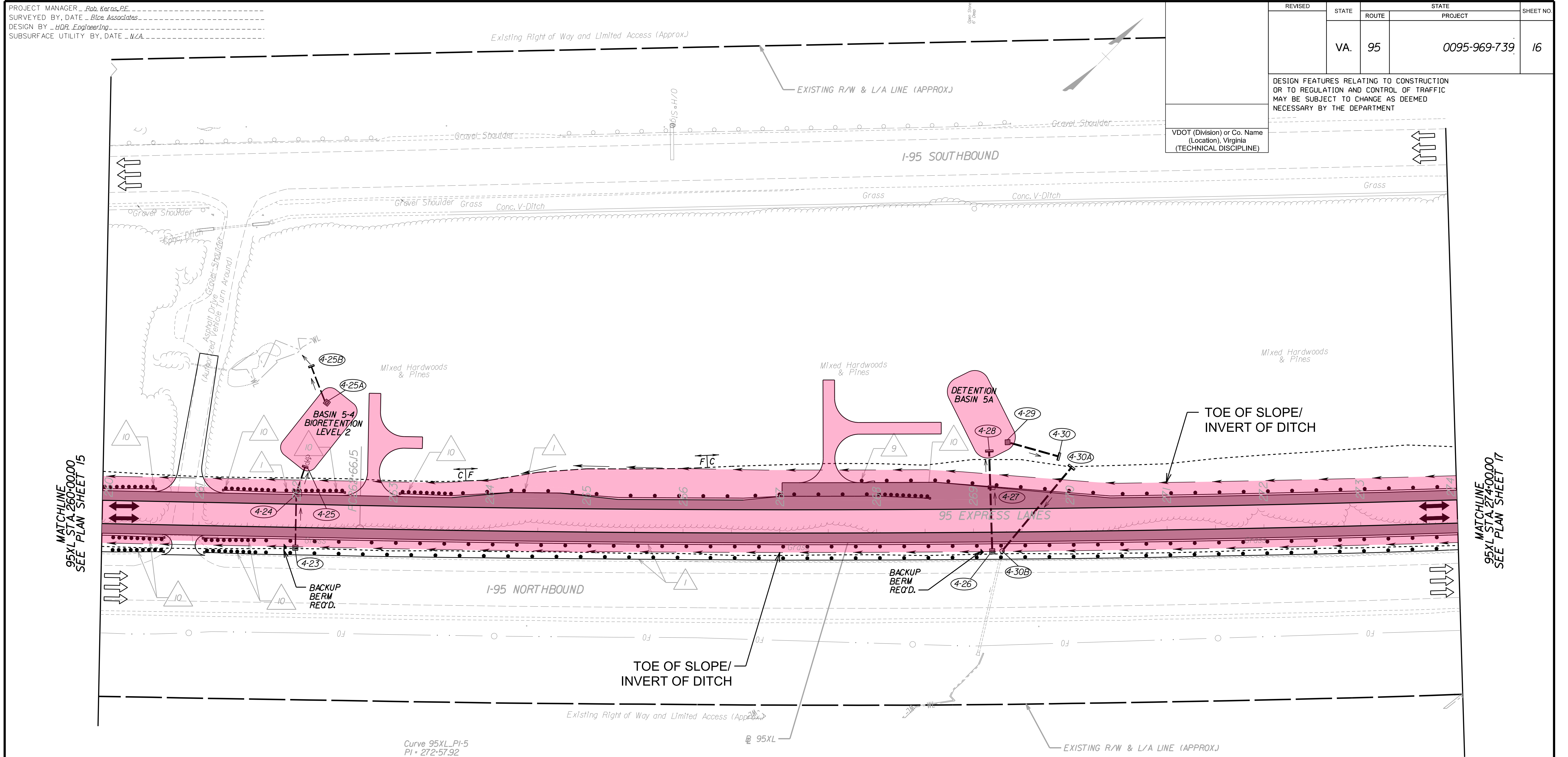
SCALE 0 50' 100'	PROJECT 0095-969-739	SHEET NO. 15
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PROJECT MANAGER - Rob. Keras, P.E.
SURVEYED BY, DATE - Bice, Associates
DESIGN BY - HDR Engineering
SUBSURFACE UTILITY BY, DATE - N/A

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	95	0095-969-739	16

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT (Division) or Co. Name
(Location), Virginia
(TECHNICAL DISCIPLINE)



MATCHLINE
95XL STA. 260+00.00
SEE PLAN SHEET 15

MATCHLINE
95XL STA. 274+00.00
SEE PLAN SHEET 17

Curve 95XL_P1-5
PI = 272+57.92
DELTA = 5°00'49.98" (LT)
D = 0'15" IF
T = 991.76'
L = 1,982.26'
R = 22,652.15'
PC = 262+66.15
PT = 282+48.41
DESIGN SPEED = 75 MPH
e = 2.00%
Lr = 95'

LEGEND

- TU ROUTINE MAINTENANCE
- TU FULL MAINTENANCE

LEGEND	
	ST'D GR-MGS1/1A MIDWEST GUARDRAIL SYSTEM REQ'D
	ST'D MB-7D/8A CONCRETE MEDIAN BARRIER REQ'D
	ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
	MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
	IMPACT ATTENUATOR REQ'D
	BRIDGE PIER PROTECTION SYSTEM REQ'D
	ST'D GR-FOA-2 TYPE I W/ MGS4 TRANSITION REQ'D
	ST'D GR-FOA-2 TYPE II W/ MGS4 TRANSITION REQ'D
	ST'D GR-MGS3 TRAILING END ANCHORAGE REQ'D
	ST'D GR-MGS2 TANGENT END TERMINAL REQ'D

RFP
CONCEPTUAL
PLANS
DATE: 08/03/2018

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

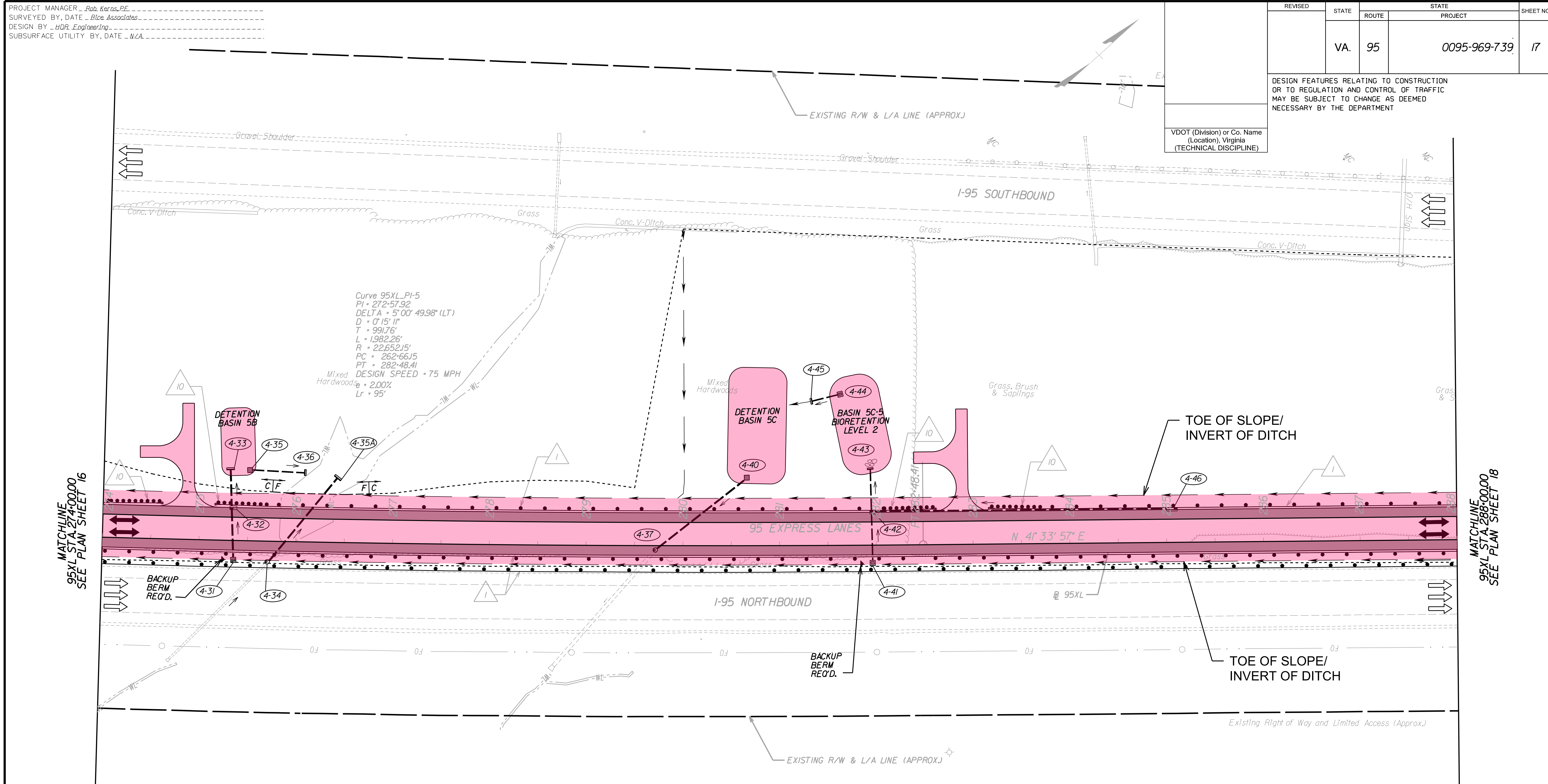
SCALE	PROJECT	SHEET NO.
0 50' 100'	0095-969-739	16

PROJECT MANAGER - Rob. Keras, PE
SURVEYED BY, DATE - Blca, Associates
DESIGN BY - HDR Engineering
SUBSURFACE UTILITY BY, DATE - N/A

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	95		0095-969-739	17

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)



MATCHLINE
95XL STA. 274+00.00
SEE PLAN SHEET 16

MATCHLINE
95XL STA. 288+00.00
SEE PLAN SHEET 18

LEGEND

- TU ROUTINE MAINTENANCE
- TU FULL MAINTENANCE

LEGEND

- DENOTES CONSTRUCTION LIMITS IN CUTS
- DENOTES CONSTRUCTION LIMITS IN FILLS
- DENOTES PROJECTS BY OTHERS
- DENOTES PROP. PAVEMENT RESURFACING
- DENOTES PROP. DEMOLITION OF PAVEMENT
- DENOTES PROP. PAVED SHOULDER
- EXISTING PIPE TO BE ABANDONED
- CONNECT TO EXISTING PIPE
- ST'D GR-MGS1/1A MIDWEST GUARDRAIL SYSTEM REQ'D
- ST'D MB-7D/8A CONCRETE MEDIAN BARRIER REQ'D
- ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
- MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
- IMPACT ATTENUATOR REQ'D
- BRIDGE PIER PROTECTION SYSTEM REQ'D
- ST'D GR-FOA-2 TYPE I W/ MGS4 TRANSITION REQ'D
- ST'D GR-FOA-2 TYPE II W/ MGS4 TRANSITION REQ'D
- ST'D GR-MGS3 TRAILING END ANCHORAGE REQ'D
- ST'D GR-MGS2 TANGENT END TERMINAL REQ'D

RFP
CONCEPTUAL
PLANS
DATE: 08/03/2018

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

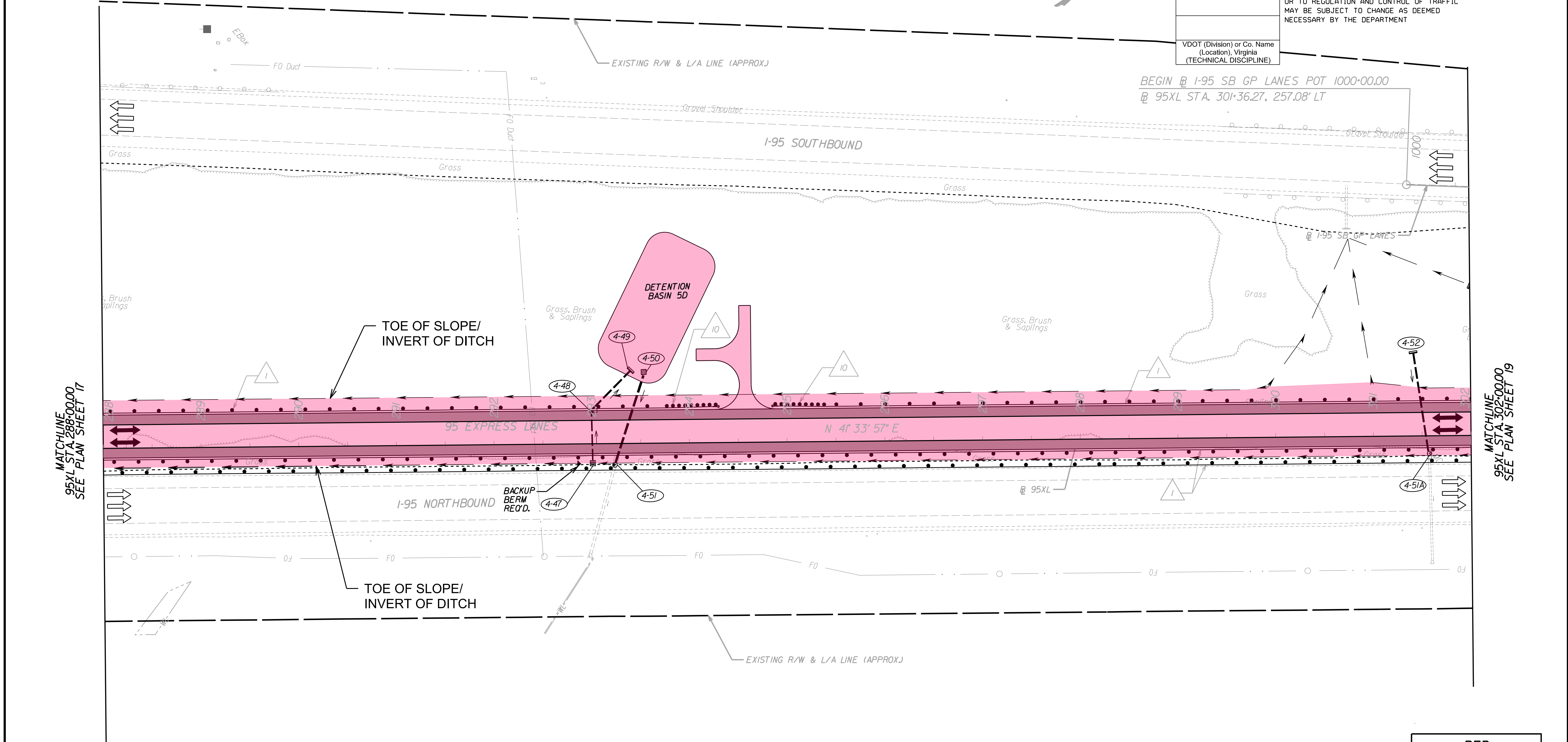
SCALE 0 50' 100'	PROJECT 0095-969-739	SHEET NO. 17
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PROJECT MANAGER: Rob. Keras, PE
SURVEYED BY, DATE: Blca Associates
DESIGN BY: HDR Engineering
SUBSURFACE UTILITY BY, DATE: N/A

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	95		0095-969-739	18

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)



MATCHLINE
95XL STA. 288+00.00
SEE PLAN SHEET 17

MATCHLINE
95XL STA. 302+00.00
SEE PLAN SHEET 19

LEGEND

TU ROUTINE MAINTENANCE

TU FULL MAINTENANCE

LEGEND

	DENOTES CONSTRUCTION LIMITS IN CUTS		ST'D GR-MGS1/1A MIDWEST GUARDRAIL SYSTEM REQ'D
	DENOTES CONSTRUCTION LIMITS IN FILLS		ST'D MB-7D/8A CONCRETE MEDIAN BARRIER REQ'D
	DENOTES PROJECTS BY OTHERS		ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
	DENOTES PROP. PAVEMENT RESURFACING		MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
	DENOTES PROP. DEMOLITION OF PAVEMENT		IMPACT ATTENUATOR REQ'D
	DENOTES PROP. PAVED SHOULDER		BRIDGE PIER PROTECTION SYSTEM REQ'D
	EXISTING PIPE TO BE ABANDONED		ST'D GR-FOA-2 TYPE I W/ MGS4 TRANSITION REQ'D
	CONNECT TO EXISTING PIPE		ST'D GR-FOA-2 TYPE II W/ MGS4 TRANSITION REQ'D
			ST'D GR-MGS3 TRAILING END ANCHORAGE REQ'D
			ST'D GR-MGS2 TANGENT END TERMINAL REQ'D

RFP
CONCEPTUAL
PLANS
DATE: 08/03/2018

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 0095-969-739	SHEET NO. 18
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PROJECT MANAGER - Rob. Keras, PE
SURVEYED BY, DATE - Blca, Associates
DESIGN BY - HDR Engineering
SUBSURFACE UTILITY BY, DATE - N/A

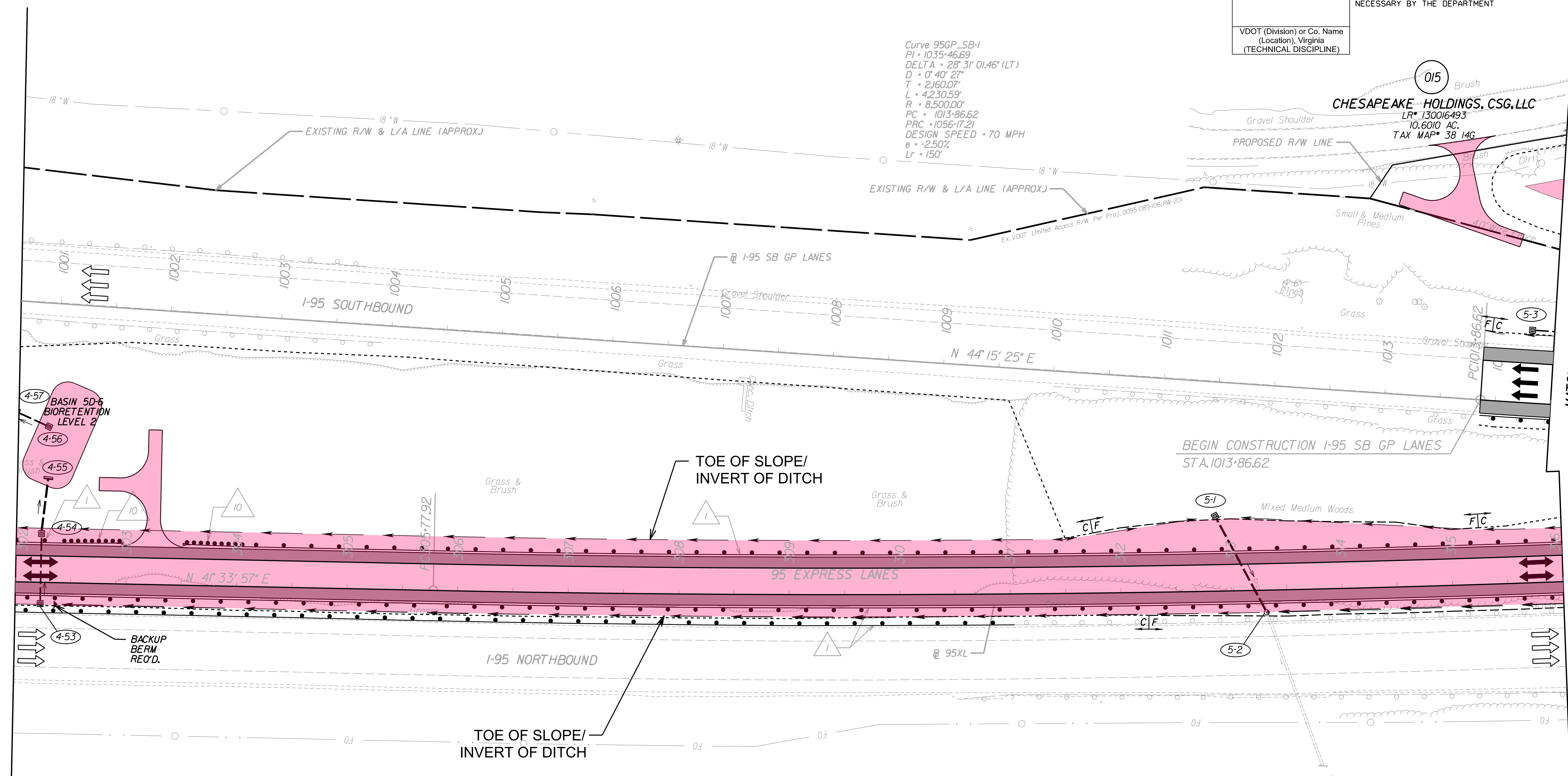
REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	95	0095-969-739	19

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT (Division) or Co. Name
(Location), Virginia
(TECHNICAL DISCIPLINE)

Curve 95GP-SB-1
PI = 1035+46.69
DELTA = 28° 31' 01.46" (LT)
D = 0' 40" 27"
T = 2160.07'
L = 4230.59'
R = 8500.00'
PC = 1013+86.62
PCC = 1056+17.21
DESIGN SPEED = 70 MPH
e = 2.50%
Lr = 150'

Curve 95XL-PI-6
PI = 314+39.11
DELTA = 5° 29' 27.77" (LT)
D = 0' 19" 09"
T = 861.19'
L = 1721.06'
R = 17958.20'
PC = 305+77.92
PCC = 322+98.98
DESIGN SPEED = 75 MPH
e = 2.00%
Lr = 95'



MATCHLINE
95XL STA. 302+00.00
SEE PLAN SHEET 18

MATCHLINE
I-95 SB GP LANES STA. 1014+50.00
SEE PLAN SHEET 20

LEGEND

	TU ROUTINE MAINTENANCE
	TU FULL MAINTENANCE

LEGEND

	DENOTES CONSTRUCTION LIMITS IN CUTS		ST'D GR-MGS1/IA MIDWEST GUARDRAIL SYSTEM REQ'D
	DENOTES CONSTRUCTION LIMITS IN FILLS		ST'D MB-7D/BA CONCRETE MEDIAN BARRIER REQ'D
	DENOTES PROJECTS BY OTHERS		ST'D MB-7E/TF CONCRETE MEDIAN BARRIER REQ'D
	DENOTES PROP. PAVEMENT RESURFACING		MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
	DENOTES PROP. DEMOLITION OF PAVEMENT		IMPACT ATTENUATOR REQ'D
	DENOTES PROP. PAVED SHOULDER		BRIDGE PIER PROTECTION SYSTEM REQ'D
	EXISTING PIPE TO BE ABANDONED		ST'D GR-FOA-2 TYPE I W/ MGS4 TRANSITION REQ'D
	CONNECT TO EXISTING PIPE		ST'D GR-FOA-2 TYPE II W/ MGS4 TRANSITION REQ'D
			ST'D GR-MGS3 TRAILING END ANCHORAGE REQ'D
			ST'D GR-MGS2 TANGENT END TERMINAL REQ'D

RFP CONCEPTUAL PLANS
DATE: 08/03/2018

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

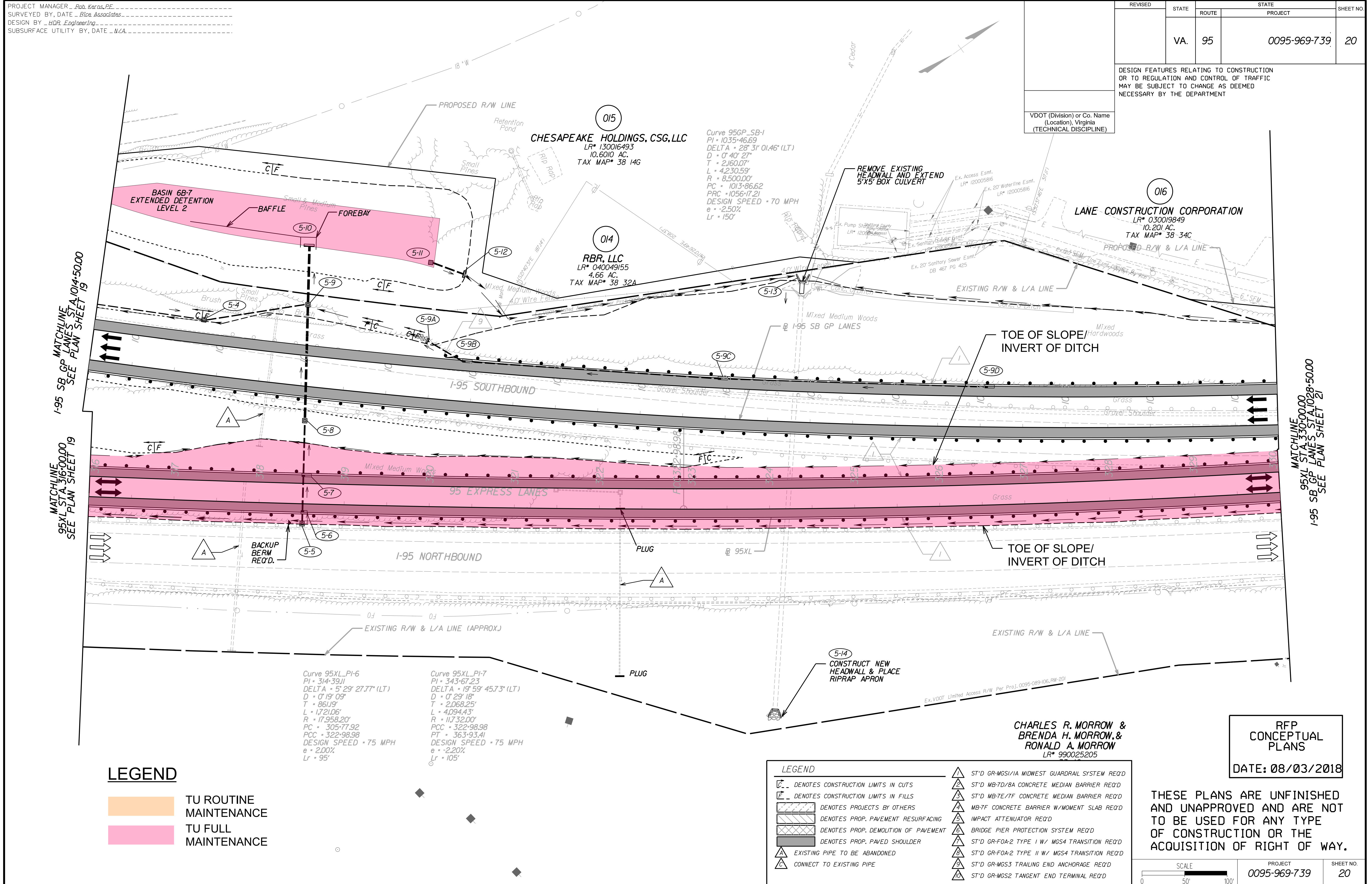
SCALE 0 50' 100'	PROJECT 0095-969-739	SHEET NO. 19
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PROJECT MANAGER: Rob. Keras, P.E.
SURVEYED BY, DATE: Blca, Associates
DESIGN BY: HDR Engineering
SUBSURFACE UTILITY BY, DATE: N/A

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	95	0095-969-739	20

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)



LEGEND

TU ROUTINE MAINTENANCE

TU FULL MAINTENANCE

LEGEND

	ST'D GR-MGS1/A MIDWEST GUARDRAIL SYSTEM REQ'D
	ST'D MB-7D/BA CONCRETE MEDIAN BARRIER REQ'D
	ST'D MB-7E/TF CONCRETE MEDIAN BARRIER REQ'D
	MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
	IMPACT ATTENUATOR REQ'D
	BRIDGE PIER PROTECTION SYSTEM REQ'D
	ST'D GR-FOA-2 TYPE I W/ MGS4 TRANSITION REQ'D
	ST'D GR-FOA-2 TYPE II W/ MGS4 TRANSITION REQ'D
	ST'D GR-MGS3 TRAILING END ANCHORAGE REQ'D
	ST'D GR-MGS2 TANGENT END TERMINAL REQ'D

CHARLES R. MORROW & BRENDA H. MORROW & RONALD A. MORROW
LR* 990025205

RFP CONCEPTUAL PLANS
DATE: 08/03/2018

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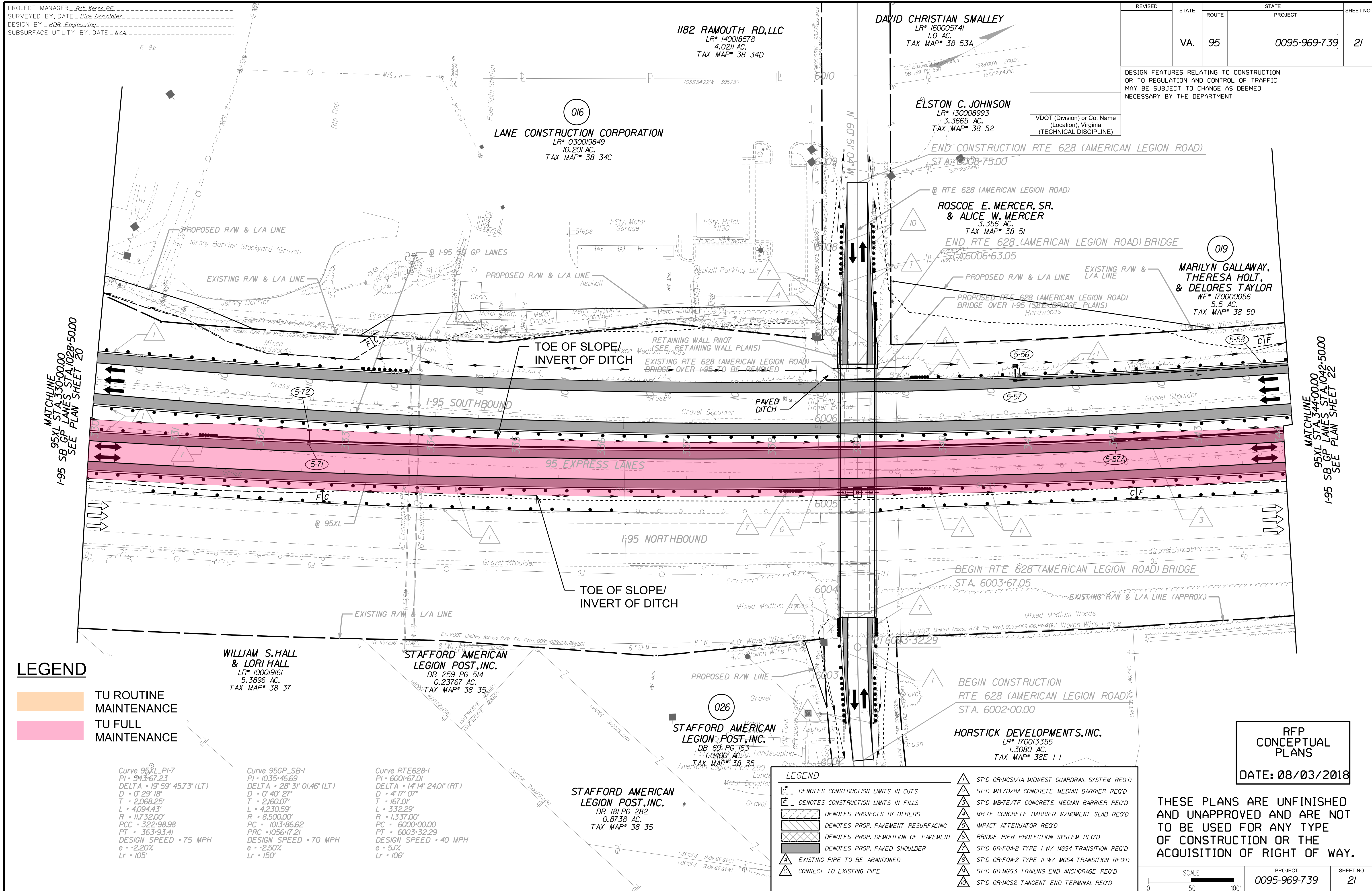
SCALE	PROJECT	SHEET NO.
0 50' 100'	0095-969-739	20

PROJECT MANAGER: Rob. Keras, PE
SURVEYED BY, DATE: Blca, Associates
DESIGN BY: HDR Engineering
SUBSURFACE UTILITY BY, DATE: N/A

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	95	0095-969-739	21

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)



LEGEND

- TU ROUTINE MAINTENANCE
- TU FULL MAINTENANCE

Curve 95XL_PI-7
PI • 943667.23
DELTA • 19° 59' 45.73" (LT)
D • 0' 29' 18"
T • 2,068.25'
L • 4,094.43'
R • 11732.00'
PCC • 322+98.98
PT • 363+93.41
DESIGN SPEED • 75 MPH
e • -2.20%
Lr • 105'

Curve 95GP_SB-1
PI • 1035+46.69
DELTA • 28° 31' 01.46" (LT)
D • 0' 40' 27"
T • 2,160.07'
L • 4,230.59'
R • 8,500.00'
PCC • 1013+86.62
PRC • 1056+17.21
DESIGN SPEED • 70 MPH
e • -2.50%
Lr • 150'

Curve RTE628-1
PI • 6001+67.01
DELTA • 14° 14' 24.01" (RT)
D • 4' 17' 07"
T • 167.01'
L • 332.29'
R • 1,337.00'
PCC • 6000+00.00
PT • 6003+32.29
DESIGN SPEED • 40 MPH
e • 5.1%
Lr • 106'

LEGEND

- DENOTES CONSTRUCTION LIMITS IN CUTS
- DENOTES CONSTRUCTION LIMITS IN FILLS
- DENOTES PROJECTS BY OTHERS
- DENOTES PROP. PAVEMENT RESURFACING
- DENOTES PROP. DEMOLITION OF PAVEMENT
- DENOTES PROP. PAVED SHOULDER
- EXISTING PIPE TO BE ABANDONED
- CONNECT TO EXISTING PIPE
- ST'D GR-MGS1/A MIDWEST GUARDRAIL SYSTEM REQ'D
- ST'D MB-7D/8A CONCRETE MEDIAN BARRIER REQ'D
- ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
- MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
- IMPACT ATTENUATOR REQ'D
- BRIDGE PIER PROTECTION SYSTEM REQ'D
- ST'D GR-FOA-2 TYPE I W/ MGS4 TRANSITION REQ'D
- ST'D GR-FOA-2 TYPE II W/ MGS4 TRANSITION REQ'D
- ST'D GR-MGS3 TRAILING END ANCHORAGE REQ'D
- ST'D GR-MGS2 TANGENT END TERMINAL REQ'D

RFP CONCEPTUAL PLANS
DATE: 08/03/2018

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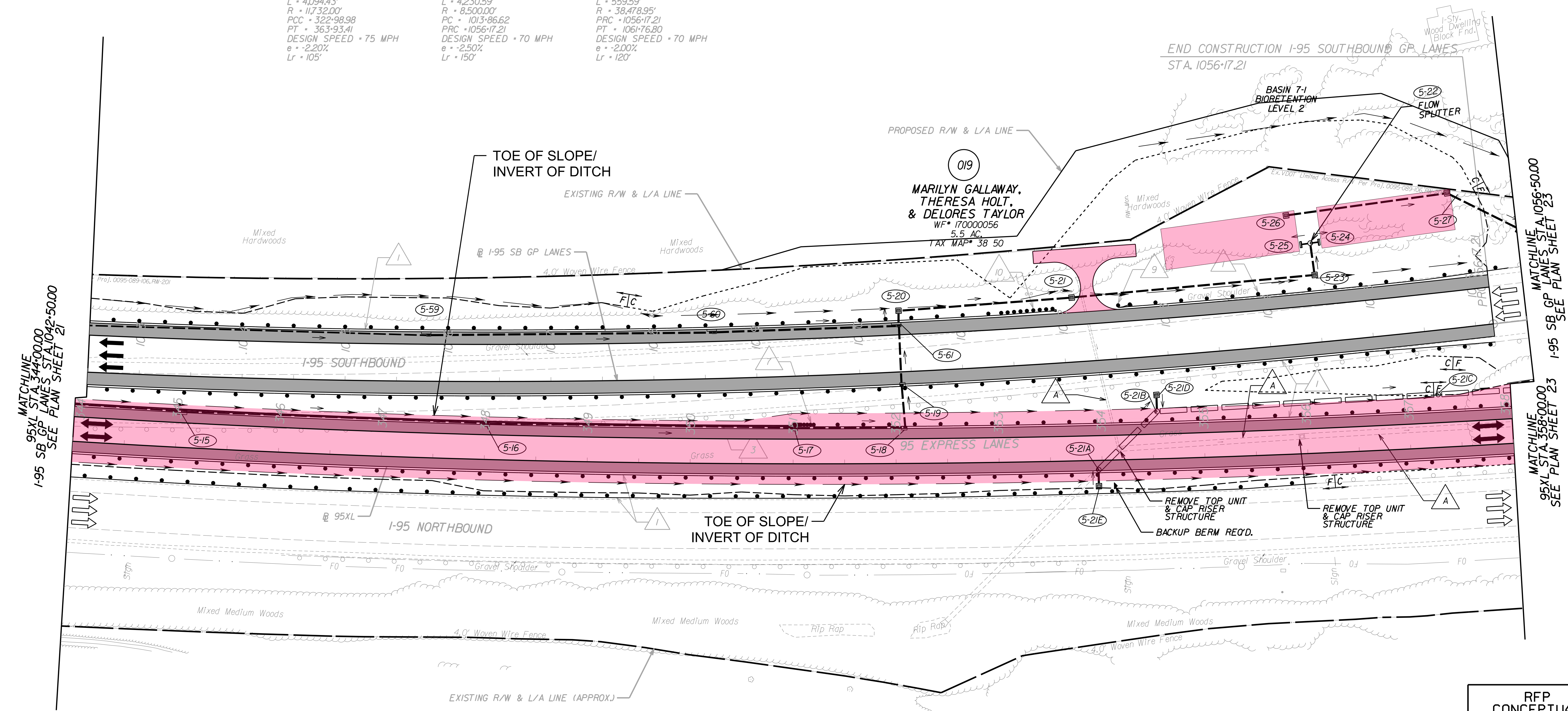
PROJECT MANAGER - Rob. Keras, PE
SURVEYED BY, DATE - Blca. Associates
DESIGN BY - HDR Engineering
SUBSURFACE UTILITY BY, DATE - N/A

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	95	0095-969-739	22

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT (Division) or Co. Name
(Location), Virginia
(TECHNICAL DISCIPLINE)

<p>Curve 95XL_PI-7 PI - 343+67.23 DELTA - 19° 59' 45.73" (LT) D - 0° 29' 18" T - 2,068.25' L - 4,094.43' R - 11,732.00' PCC - 322+98.98 PT - 363+93.41 DESIGN SPEED - 75 MPH e - -2.20% Lr - 105'</p>	<p>Curve 95GP_SB-1 PI - 1035+46.69 DELTA - 28° 31' 01.46" (LT) D - 0° 40' 27" T - 2,160.07' L - 4,230.59' R - 8,500.00' PC - 1013+86.62 PRC - 1056+17.21 DESIGN SPEED - 70 MPH e - -2.50% Lr - 150'</p>	<p>Curve 95GP_SB-2 PI - 1058+97.01 DELTA - 0° 49' 59.65" (RT) D - 0° 08' 56" T - 279.80' L - 559.59' R - 38,478.95' PRC - 1056+17.21 PT - 1061+76.80 DESIGN SPEED - 70 MPH e - -2.00% Lr - 120'</p>
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MATCHLINE
95XL STA. 344+00.00
I-95 SB GP LANES STA. 1042+50.00
SEE PLAN SHEET 21

MATCHLINE
LANES STA. 1056+50.00
I-95 SB GP LANES STA. 1056+50.00
SEE PLAN SHEET 23

LEGEND

- TU ROUTINE MAINTENANCE
- TU FULL MAINTENANCE

LEGEND	
	ST'D GR-MGS1/A MIDWEST GUARDRAIL SYSTEM REQ'D
	ST'D MB-7D/BA CONCRETE MEDIAN BARRIER REQ'D
	ST'D MB-7E/TF CONCRETE MEDIAN BARRIER REQ'D
	MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
	IMPACT ATTENUATOR REQ'D
	BRIDGE PIER PROTECTION SYSTEM REQ'D
	ST'D GR-FOA-2 TYPE I W/ MGS4 TRANSITION REQ'D
	ST'D GR-FOA-2 TYPE II W/ MGS4 TRANSITION REQ'D
	ST'D GR-MGS3 TRAILING END ANCHORAGE REQ'D
	ST'D GR-MGS2 TANGENT END TERMINAL REQ'D

RFP CONCEPTUAL PLANS
DATE: 08/03/2018

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SCALE 0 50' 100'	PROJECT 0095-969-739	SHEET NO. 22
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PROJECT MANAGER: Rob. Keras, P.E.
SURVEYED BY, DATE: Blca, Associates
DESIGN BY: HDR Engineering
SUBSURFACE UTILITY BY, DATE: N/A

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	95		0095-969-739	23

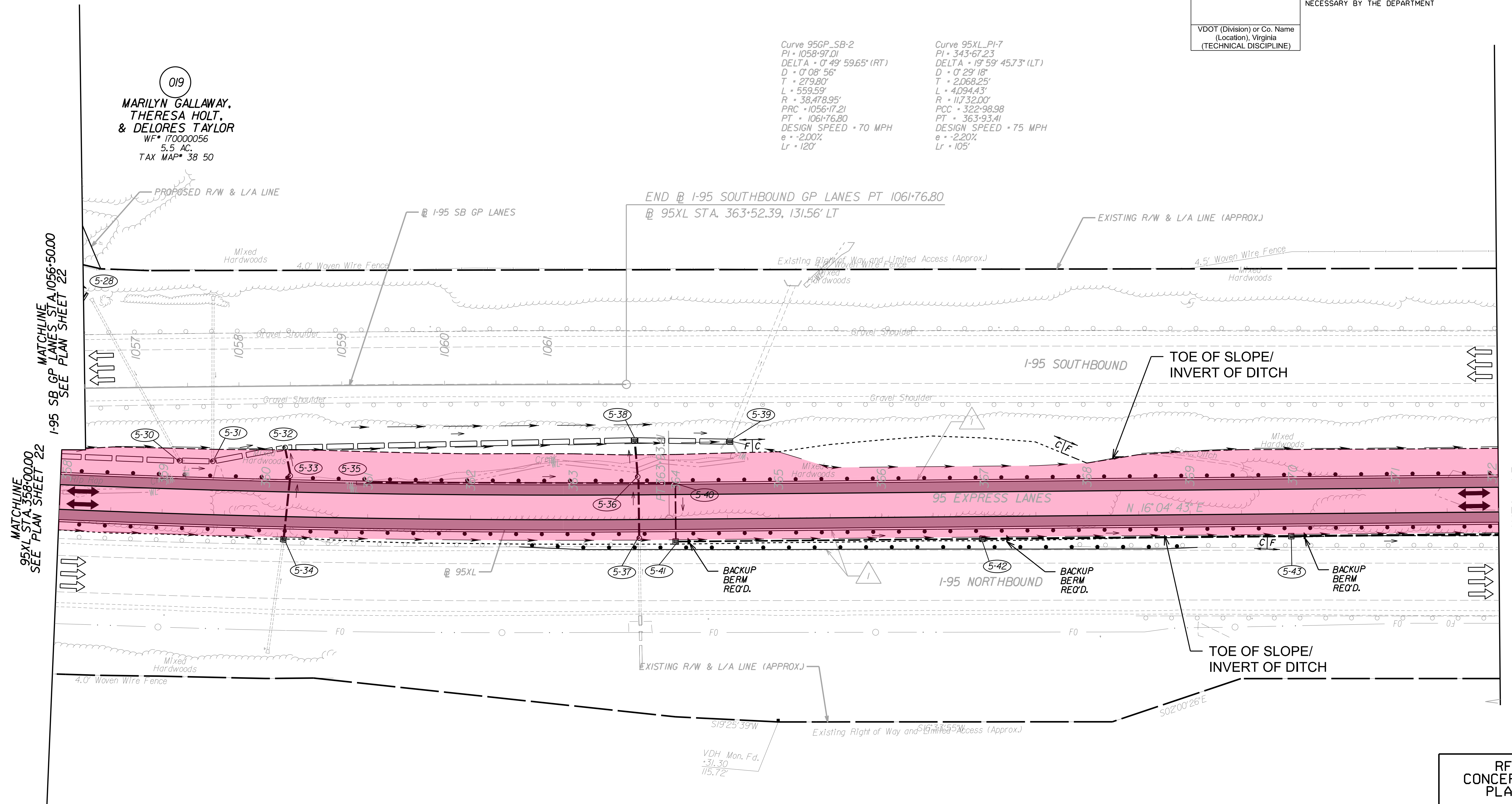
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)

Curve 95GP_SB-2
PI = 1058+97.01
DELTA = 0° 49' 59.65" (RT)
D = 0' 08" 56"
T = 279.80'
L = 559.59'
R = 38,478.95'
PRC = 1056+17.21
PT = 1061+76.80
DESIGN SPEED = 70 MPH
e = -2.00%
Lr = 120'

Curve 95XL_PI-7
PI = 343+67.23
DELTA = 19° 59' 45.73" (LT)
D = 0' 29' 18"
T = 2,069.25'
L = 4,094.43'
R = 11,732.00'
PCC = 322+98.98
PT = 363+93.41
DESIGN SPEED = 75 MPH
e = -2.20%
Lr = 105'

019
MARILYN GALLAWAY,
THERESA HOLT,
& DELORES TAYLOR
WF # 170000056
5.5 AC.
TAX MAP # 38 50



LEGEND

TU ROUTINE MAINTENANCE

TU FULL MAINTENANCE

LEGEND

	DENOTES CONSTRUCTION LIMITS IN CUTS		ST'D GR-MGS1/IA MIDWEST GUARDRAIL SYSTEM REQ'D
	DENOTES CONSTRUCTION LIMITS IN FILLS		ST'D MB-7D/BA CONCRETE MEDIAN BARRIER REQ'D
	DENOTES PROJECTS BY OTHERS		ST'D MB-7E/TF CONCRETE MEDIAN BARRIER REQ'D
	DENOTES PROP. PAVEMENT RESURFACING		MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D IMPACT ATTENUATOR REQ'D
	DENOTES PROP. DEMOLITION OF PAVEMENT		BRIDGE PIER PROTECTION SYSTEM REQ'D
	DENOTES PROP. PAVED SHOULDER		ST'D GR-FOA-2 TYPE I W/ MGS4 TRANSITION REQ'D
	EXISTING PIPE TO BE ABANDONED		ST'D GR-FOA-2 TYPE II W/ MGS4 TRANSITION REQ'D
	CONNECT TO EXISTING PIPE		ST'D GR-MGS3 TRAILING END ANCHORAGE REQ'D
			ST'D GR-MGS2 TANGENT END TERMINAL REQ'D

RFP CONCEPTUAL PLANS
DATE: 08/03/2018

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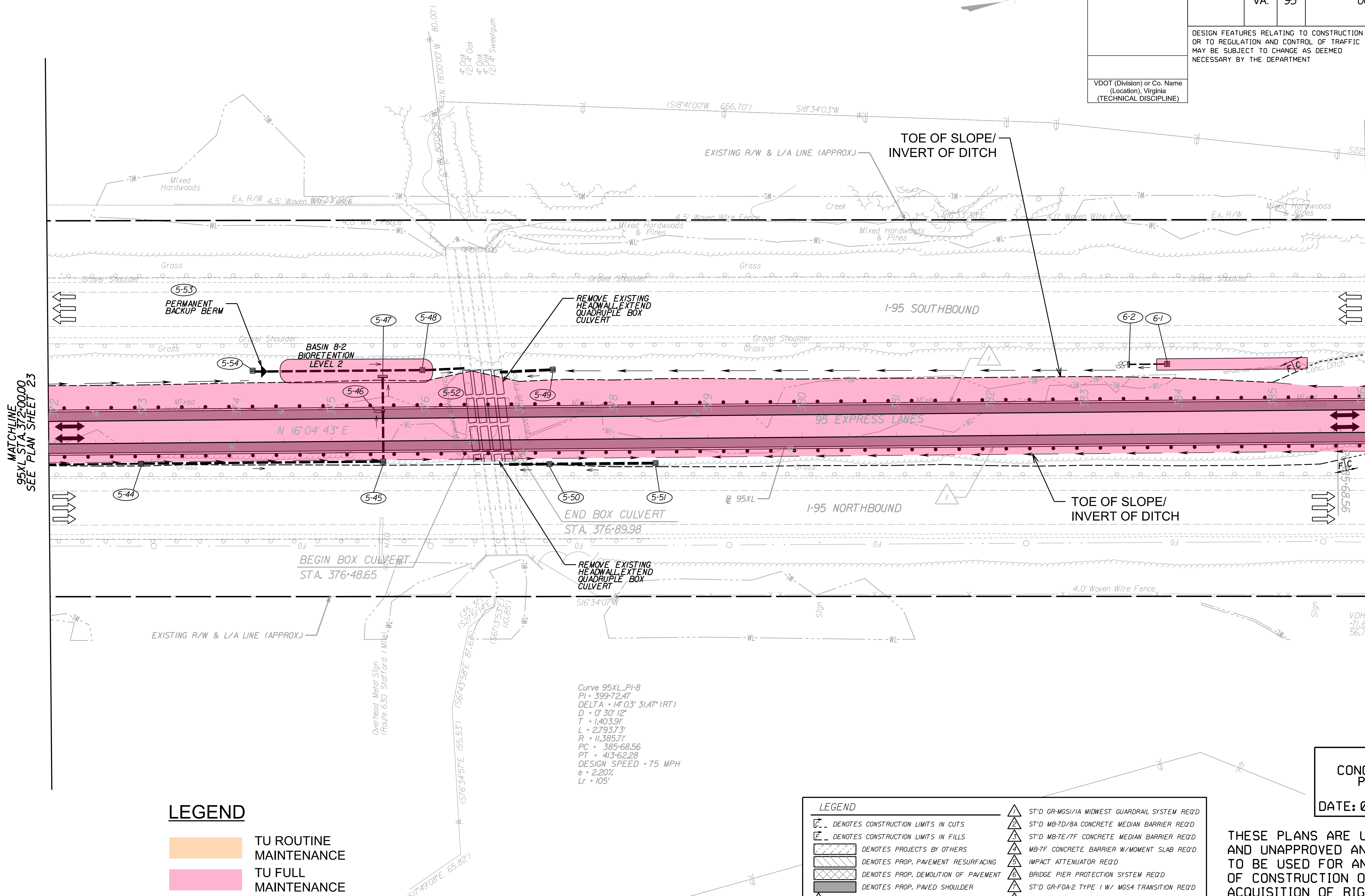
SCALE 0 50' 100'	PROJECT 0095-969-739	SHEET NO. 23
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PROJECT MANAGER - Rob. Keras, PE
SURVEYED BY, DATE - Bice, Associates
DESIGN BY - HDR Engineering
SUBSURFACE UTILITY BY, DATE - N/A

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	95		0095-969-739	24

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT (Division) or Co. Name
(Location), Virginia
(TECHNICAL DISCIPLINE)



MATCHLINE
95XL STA. 372+00.00
SEE PLAN SHEET 23

MATCHLINE
95XL STA. 386+00.00
SEE PLAN SHEET 25

LEGEND

- TU ROUTINE MAINTENANCE
- TU FULL MAINTENANCE

LEGEND	
	ST'D GR-MGS1/A MIDWEST GUARDRAIL SYSTEM REQ'D
	ST'D MB-7D/BA CONCRETE MEDIAN BARRIER REQ'D
	ST'D MB-7E/TF CONCRETE MEDIAN BARRIER REQ'D
	MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
	IMPACT ATTENUATOR REQ'D
	BRIDGE PIER PROTECTION SYSTEM REQ'D
	ST'D GR-FOA-2 TYPE I W/ MGS4 TRANSITION REQ'D
	ST'D GR-FOA-2 TYPE II W/ MGS4 TRANSITION REQ'D
	ST'D GR-MGS3 TRAILING END ANCHORAGE REQ'D
	ST'D GR-MGS2 TANGENT END TERMINAL REQ'D

RFP CONCEPTUAL PLANS
DATE: 08/03/2018

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

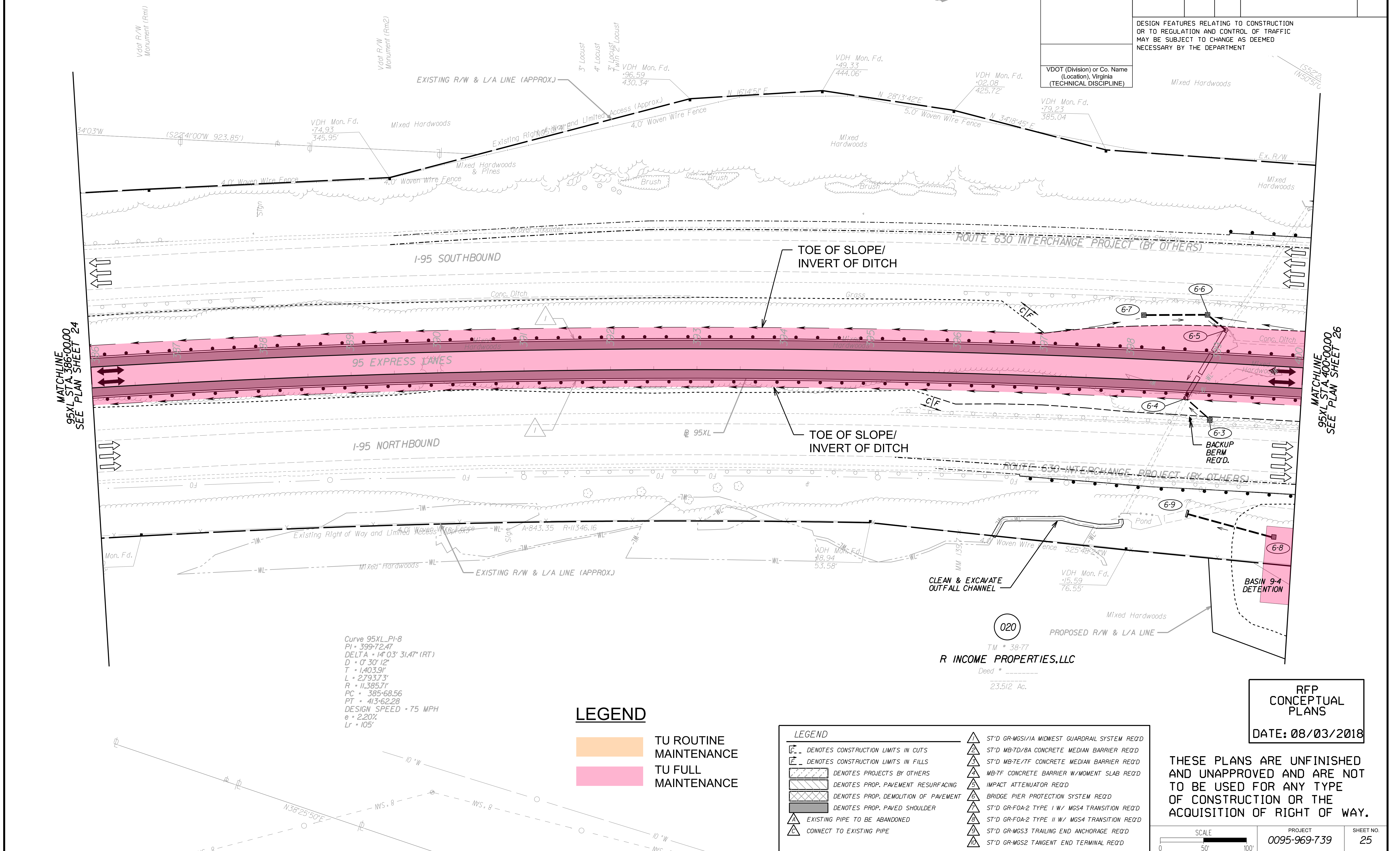
SCALE 0 50' 100'	PROJECT 0095-969-739	SHEET NO. 24
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PROJECT MANAGER - Rob. Keras, P.E.
SURVEYED BY, DATE - Blca, Associates
DESIGN BY - HDR Engineering
SUBSURFACE UTILITY BY, DATE - N/A

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	95		0095-969-739	25

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT (Division) or Co. Name
(Location), Virginia
(TECHNICAL DISCIPLINE)



LEGEND

TU ROUTINE MAINTENANCE

TU FULL MAINTENANCE

LEGEND

	DENOTES CONSTRUCTION LIMITS IN CUTS		ST'D GR-MGS1/A MIDWEST GUARDRAIL SYSTEM REQ'D
	DENOTES CONSTRUCTION LIMITS IN FILLS		ST'D MB-7D/8A CONCRETE MEDIAN BARRIER REQ'D
	DENOTES PROJECTS BY OTHERS		ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
	DENOTES PROP. PAVEMENT RESURFACING		MB-7F CONCRETE BARRIER W/MOMENTUM SLAB REQ'D
	DENOTES PROP. DEMOLITION OF PAVEMENT		IMPACT ATTENUATOR REQ'D
	DENOTES PROP. PAVED SHOULDER		BRIDGE PIER PROTECTION SYSTEM REQ'D
	EXISTING PIPE TO BE ABANDONED		ST'D GR-FOA-2 TYPE I W/ MGS4 TRANSITION REQ'D
	CONNECT TO EXISTING PIPE		ST'D GR-FOA-2 TYPE II W/ MGS4 TRANSITION REQ'D
			ST'D GR-MGS3 TRAILING END ANCHORAGE REQ'D
			ST'D GR-MGS2 TANGENT END TERMINAL REQ'D

RFP CONCEPTUAL PLANS
DATE: 08/03/2018

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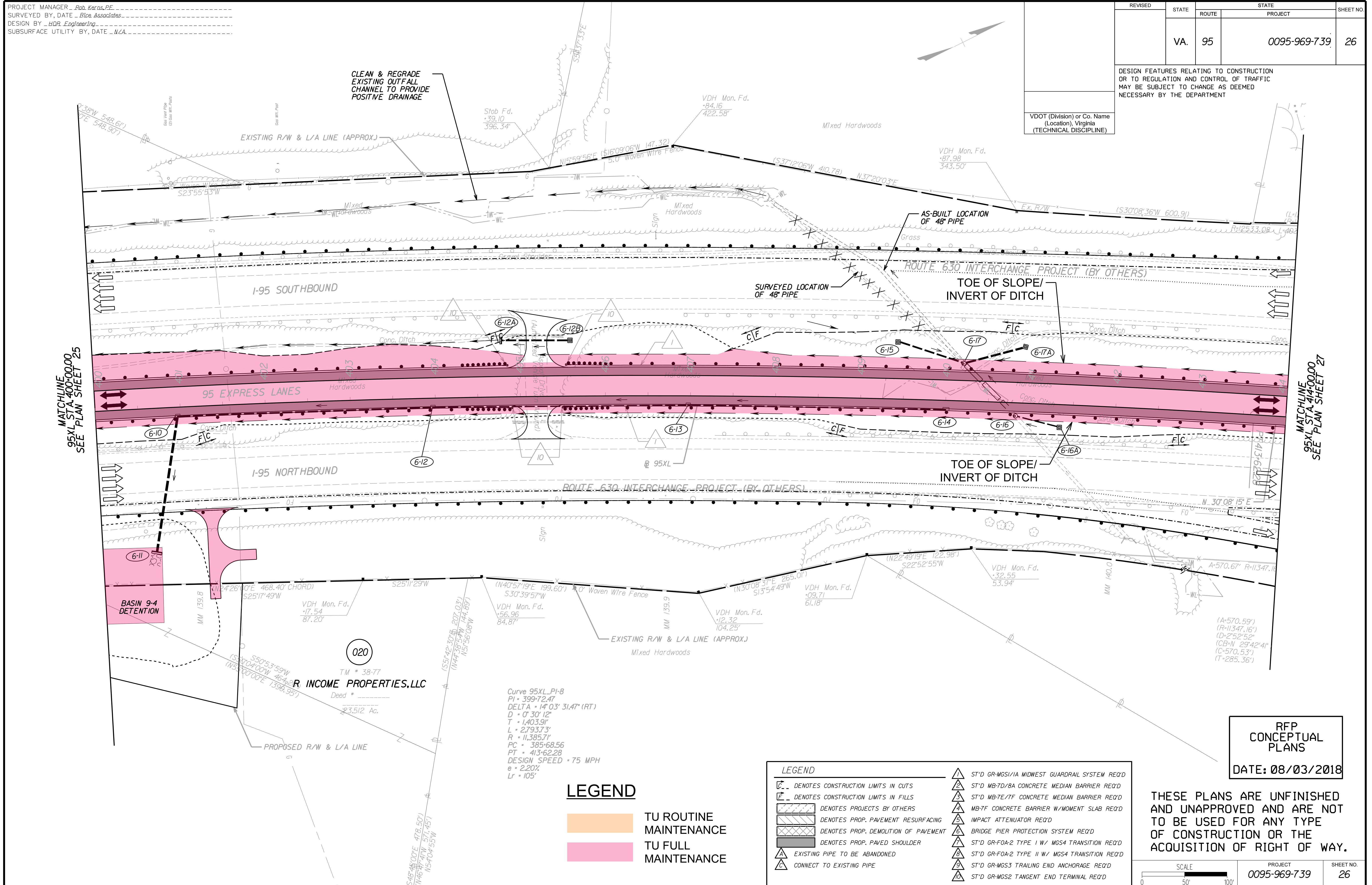
SCALE	PROJECT	SHEET NO.
0 50' 100'	0095-969-739	25

PROJECT MANAGER: Rob. Keras, PE
SURVEYED BY, DATE: Blca, Associates
DESIGN BY: HDR Engineering
SUBSURFACE UTILITY BY, DATE: N/A

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	95		0095-969-739	26

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT (Division) or Co. Name
(Location), Virginia
(TECHNICAL DISCIPLINE)



MATCHLINE
95XL STA 400+00.00
SEE PLAN SHEET 25

MATCHLINE
95XL STA 414+00.00
SEE PLAN SHEET 27

LEGEND

TU ROUTINE MAINTENANCE

TU FULL MAINTENANCE

LEGEND

	DENOTES CONSTRUCTION LIMITS IN CUTS		ST'D GR-MGS1/IA MIDWEST GUARDRAIL SYSTEM REQ'D
	DENOTES CONSTRUCTION LIMITS IN FILLS		ST'D MB-7D/BA CONCRETE MEDIAN BARRIER REQ'D
	DENOTES PROJECTS BY OTHERS		ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
	DENOTES PROP. PAVEMENT RESURFACING		MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
	DENOTES PROP. DEMOLITION OF PAVEMENT		IMPACT ATTENUATOR REQ'D
	DENOTES PROP. PAVED SHOULDER		BRIDGE PIER PROTECTION SYSTEM REQ'D
	EXISTING PIPE TO BE ABANDONED		ST'D GR-FOA-2 TYPE I W/ MGS4 TRANSITION REQ'D
	CONNECT TO EXISTING PIPE		ST'D GR-FOA-2 TYPE II W/ MGS4 TRANSITION REQ'D
			ST'D GR-MGS3 TRAILING END ANCHORAGE REQ'D
			ST'D GR-MGS2 TANGENT END TERMINAL REQ'D

RFP CONCEPTUAL PLANS
DATE: 08/03/2018

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

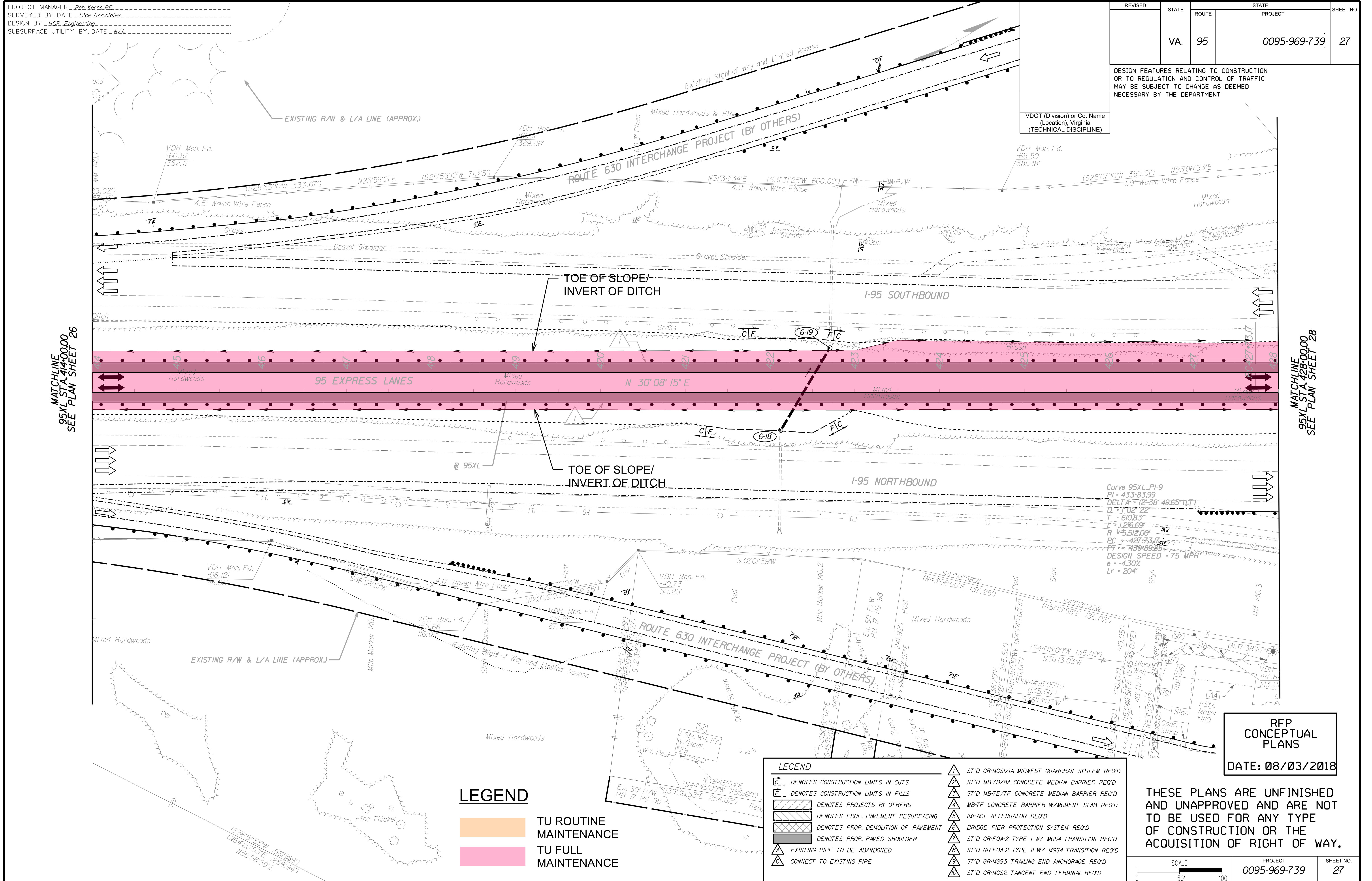
SCALE 0 50' 100'	PROJECT 0095-969-739	SHEET NO. 26
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PROJECT MANAGER - Rob. Keras, PE
SURVEYED BY, DATE - Blca, Associates
DESIGN BY - HDR Engineering
SUBSURFACE UTILITY BY, DATE - N/A

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	95	0095-969-739	27

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT (Division) or Co. Name
(Location), Virginia
(TECHNICAL DISCIPLINE)



MATCHLINE
95XL STA. 414+00.00
SEE PLAN SHEET 26

MATCHLINE
95XL STA. 428+00.00
SEE PLAN SHEET 28

Curve 95XL-PI-9
PI = 433+83.99
DELTA = 12°38'49.65" (LT)
D = 1702.22'
T = 610.83'
L = 7216.69'
R = 5512.00'
PC = 427+73.11
PT = 439+89.85
DESIGN SPEED = 75 MPH
e = -4.30%
Lr = 204'

LEGEND

- TU ROUTINE MAINTENANCE
- TU FULL MAINTENANCE

- LEGEND**
- DENOTES CONSTRUCTION LIMITS IN CUTS
 - DENOTES CONSTRUCTION LIMITS IN FILLS
 - DENOTES PROJECTS BY OTHERS
 - DENOTES PROP. PAVEMENT RESURFACING
 - DENOTES PROP. DEMOLITION OF PAVEMENT
 - DENOTES PROP. PAVED SHOULDER
 - EXISTING PIPE TO BE ABANDONED
 - CONNECT TO EXISTING PIPE
 - ST'D GR-MGS1/A MIDWEST GUARDRAIL SYSTEM REQ'D
 - ST'D MB-7D/BA CONCRETE MEDIAN BARRIER REQ'D
 - ST'D MB-7E/TF CONCRETE MEDIAN BARRIER REQ'D
 - MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
 - IMPACT ATTENUATOR REQ'D
 - BRIDGE PIER PROTECTION SYSTEM REQ'D
 - ST'D GR-FOA-2 TYPE I W/ MGS4 TRANSITION REQ'D
 - ST'D GR-FOA-2 TYPE II W/ MGS4 TRANSITION REQ'D
 - ST'D GR-MGS3 TRAILING END ANCHORAGE REQ'D
 - ST'D GR-MGS2 TANGENT END TERMINAL REQ'D

RFP CONCEPTUAL PLANS
DATE: 08/03/2018

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

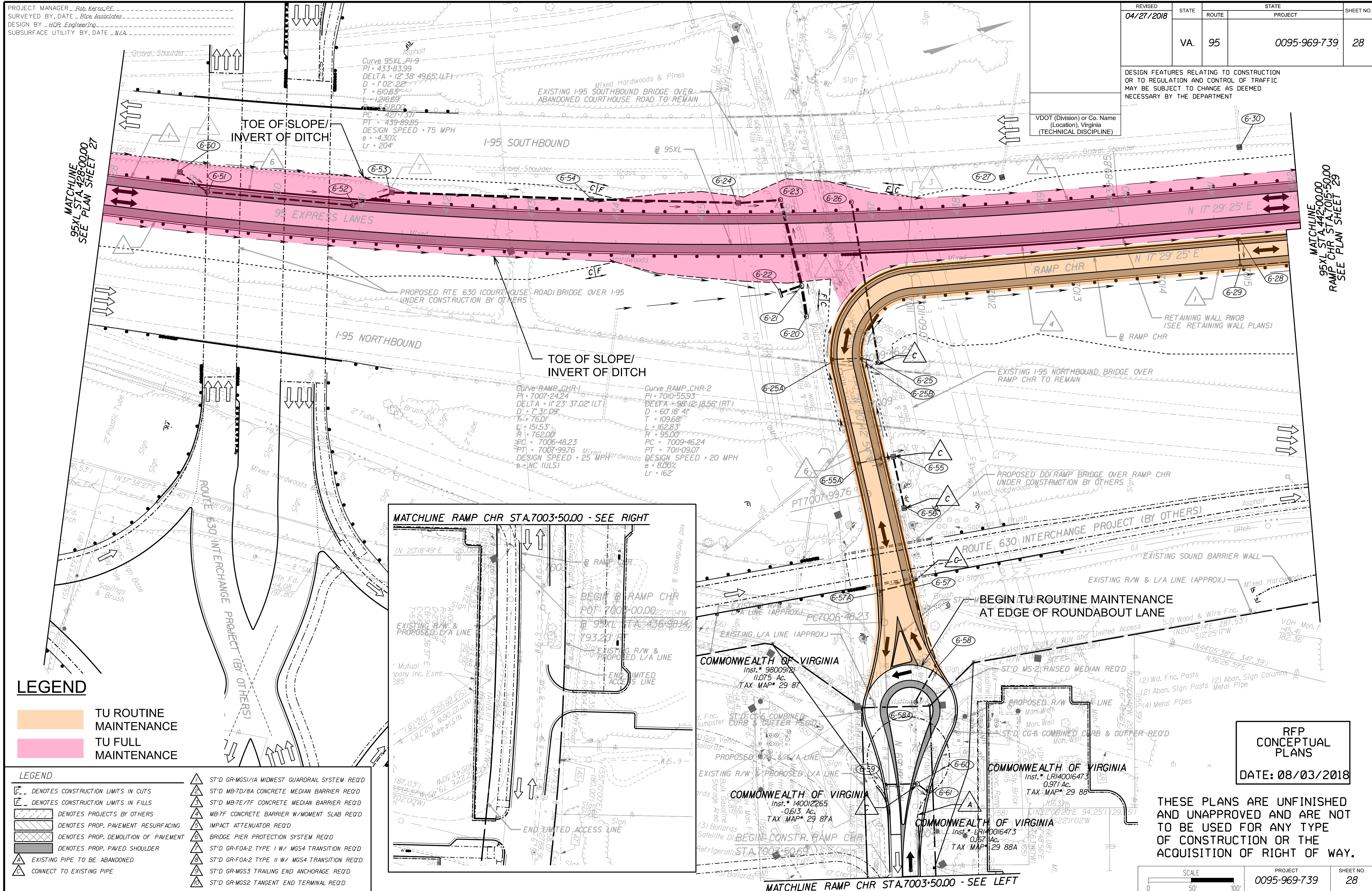
SCALE 0 50' 100'	PROJECT 0095-969-739	SHEET NO. 27
---------------------	-------------------------	-----------------

PROJECT MANAGER - Rob. Keras, PE
SURVEYED BY, DATE - Blca, Associates
DESIGN BY - HDR Engineering
SUBSURFACE UTILITY BY, DATE - N/A

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
04/27/2018	VA.	95	0095-969-739	28

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)



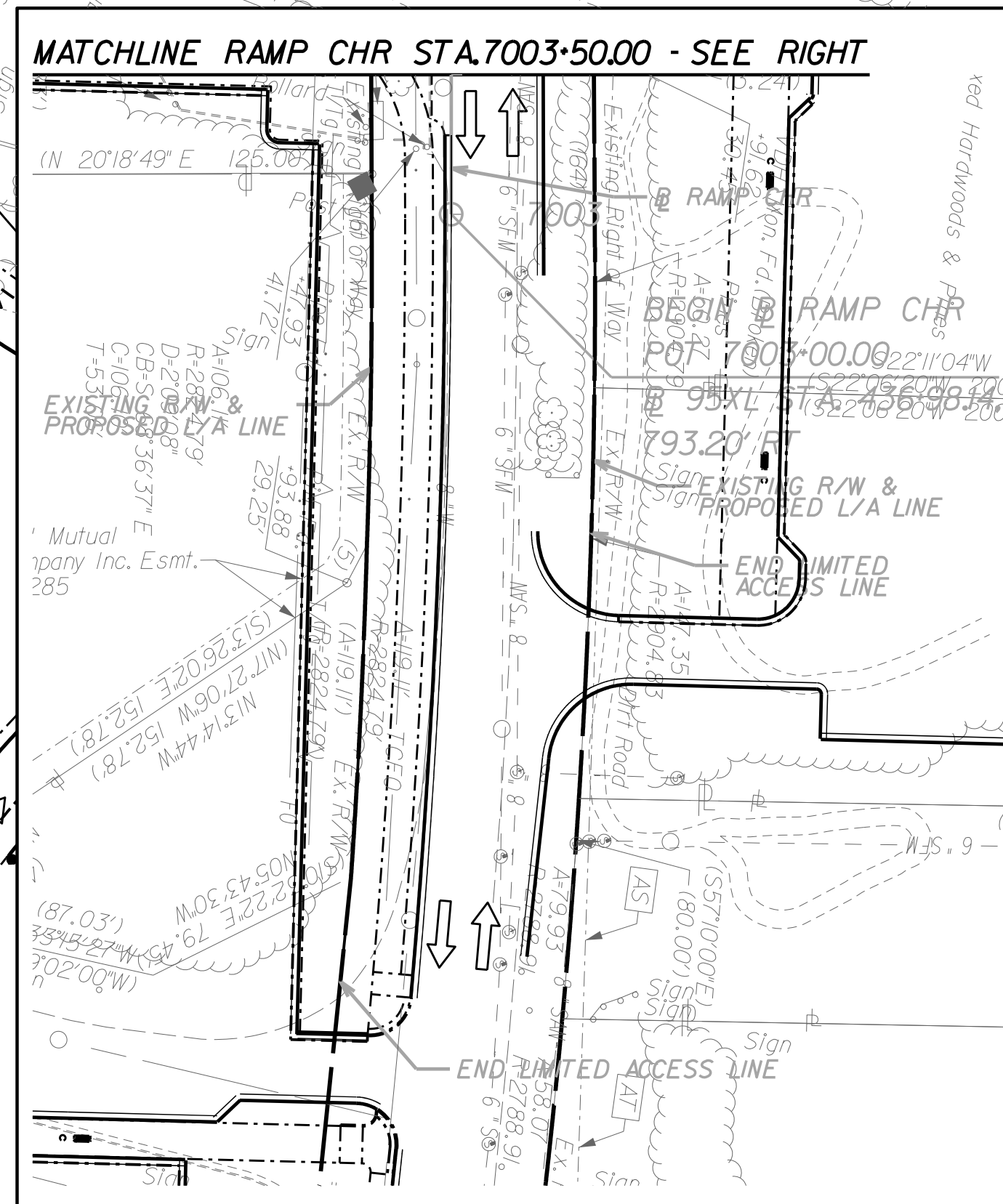
LEGEND

TU ROUTINE MAINTENANCE

TU FULL MAINTENANCE

LEGEND

- DENOTES CONSTRUCTION LIMITS IN CUTS
- DENOTES CONSTRUCTION LIMITS IN FILLS
- DENOTES PROJECTS BY OTHERS
- DENOTES PROP. PAVEMENT RESURFACING
- DENOTES PROP. DEMOLITION OF PAVEMENT
- DENOTES PROP. PAVED SHOULDER
- EXISTING PIPE TO BE ABANDONED
- CONNECT TO EXISTING PIPE
- ST'D GR-MGS1/A MIDWEST GUARDRAIL SYSTEM REQ'D
- ST'D MB-7D/8A CONCRETE MEDIAN BARRIER REQ'D
- ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
- MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
- IMPACT ATTENUATOR REQ'D
- BRIDGE PIER PROTECTION SYSTEM REQ'D
- ST'D GR-FOA-2 TYPE I W/ MGS4 TRANSITION REQ'D
- ST'D GR-FOA-2 TYPE II W/ MGS4 TRANSITION REQ'D
- ST'D GR-MGS3 TRAILING END ANCHORAGE REQ'D
- ST'D GR-MGS2 TANGENT END TERMINAL REQ'D



RFP CONCEPTUAL PLANS
DATE: 08/03/2018

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: Rob. Keras, P.E.
SURVEYED BY, DATE: Bice Associates
DESIGN BY: HDR Engineering
SUBSURFACE UTILITY BY, DATE: N/A

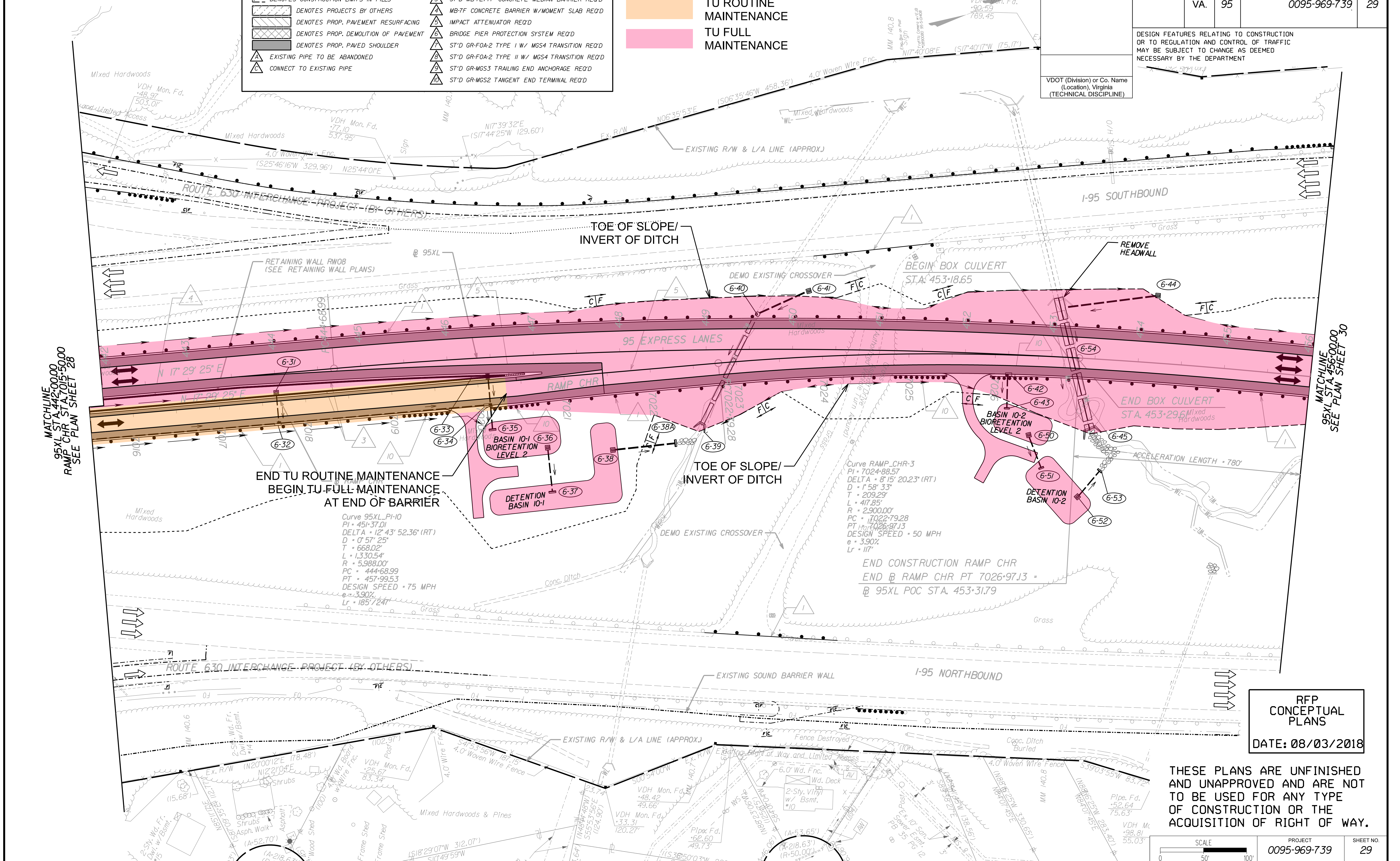
LEGEND	
	ST'D GR-MGS1/A MIDWEST GUARDRAIL SYSTEM REQ'D
	ST'D MB-7D/8A CONCRETE MEDIAN BARRIER REQ'D
	ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
	MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
	IMPACT ATTENUATOR REQ'D
	BRIDGE PIER PROTECTION SYSTEM REQ'D
	ST'D GR-FOA-2 TYPE I W/ MGS4 TRANSITION REQ'D
	ST'D GR-FOA-2 TYPE II W/ MGS4 TRANSITION REQ'D
	ST'D GR-MGS3 TRAILING END ANCHORAGE REQ'D
	ST'D GR-MGS2 TANGENT END TERMINAL REQ'D

LEGEND	
	TU ROUTINE MAINTENANCE
	TU FULL MAINTENANCE

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	95	0095-969-739	29

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)



RFP CONCEPTUAL PLANS
DATE: 08/03/2018

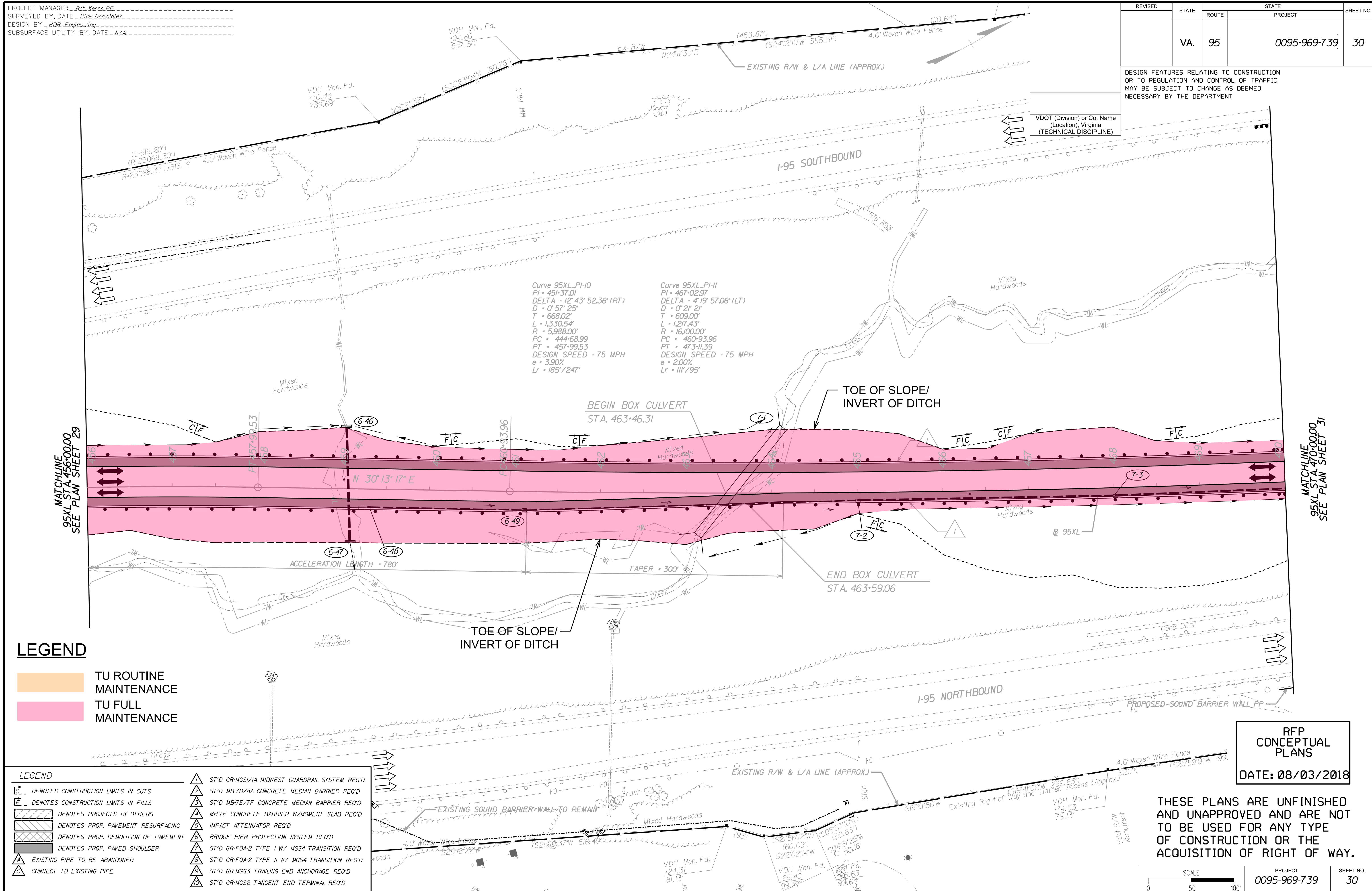
THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

PROJECT MANAGER - Rob. Keras, P.E.
SURVEYED BY, DATE - Bice Associates
DESIGN BY - HDR Engineering
SUBSURFACE UTILITY BY, DATE - N/A

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	95		0095-969-739	30

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT (Division) or Co. Name
(Location), Virginia
(TECHNICAL DISCIPLINE)



MATCHLINE
95XL STA. 456+00.00
SEE PLAN SHEET 29

MATCHLINE
95XL STA. 470+00.00
SEE PLAN SHEET 31

LEGEND

- TU ROUTINE MAINTENANCE
- TU FULL MAINTENANCE

LEGEND	REQUIREMENT
	ST'D GR-MGS1/A MIDWEST GUARDRAIL SYSTEM REQ'D
	ST'D MB-7D/8A CONCRETE MEDIAN BARRIER REQ'D
	ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
	MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
	IMPACT ATTENUATOR REQ'D
	BRIDGE PIER PROTECTION SYSTEM REQ'D
	ST'D GR-FOA-2 TYPE I W/ MGS4 TRANSITION REQ'D
	ST'D GR-FOA-2 TYPE II W/ MGS4 TRANSITION REQ'D
	ST'D GR-MGS3 TRAILING END ANCHORAGE REQ'D
	ST'D GR-MGS2 TANGENT END TERMINAL REQ'D

RFP CONCEPTUAL PLANS
DATE: 08/03/2018

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

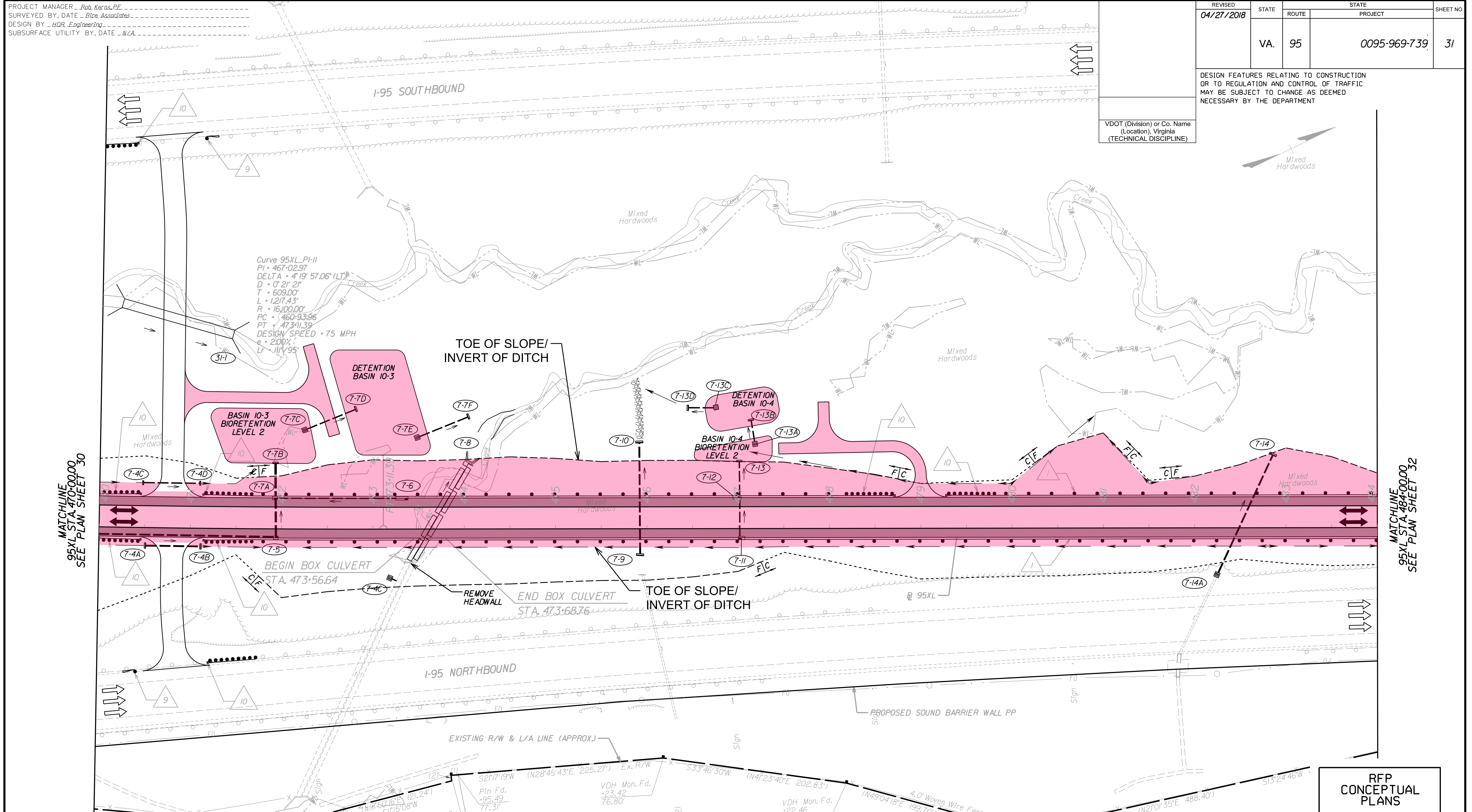
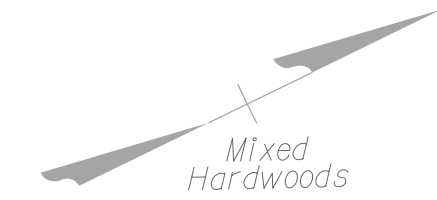
SCALE 0 50' 100'	PROJECT 0095-969-739	SHEET NO. 30
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PROJECT MANAGER: Rob. Keras, P.E.
SURVEYED BY, DATE: Bice Associates
DESIGN BY: HDR Engineering
SUBSURFACE UTILITY BY, DATE: N/A

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
04/27/2018	VA.	95	0095-969-739	31

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)



Curve 95XL_P1-11
PI = 467+02.97
DELTA = 4°19'57.06" (LT)
D = 0°21'21"
T = 609.00'
L = 1217.43'
R = 16100.00'
PC = 460+93.95
PT = 473+11.39
DESIGN SPEED = 75 MPH
e = 2.00%
Lr = 111/95'

BEGIN BOX CULVERT STA. 473+56.64
END BOX CULVERT STA. 473+68.76
REMOVE HEADWALL

LEGEND

	DENOTES CONSTRUCTION LIMITS IN CUTS		ST'D GR-MGS1/A MIDWEST GUARDRAIL SYSTEM REQ'D
	DENOTES CONSTRUCTION LIMITS IN FILLS		ST'D MB-7D/8A CONCRETE MEDIAN BARRIER REQ'D
	DENOTES PROJECTS BY OTHERS		ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
	DENOTES PROP. PAVEMENT RESURFACING		MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
	DENOTES PROP. DEMOLITION OF PAVEMENT		IMPACT ATTENUATOR REQ'D
	DENOTES PROP. PAVED SHOULDER		BRIDGE PIER PROTECTION SYSTEM REQ'D
	EXISTING PIPE TO BE ABANDONED		ST'D GR-FOA-2 TYPE I W/ MGS4 TRANSITION REQ'D
	CONNECT TO EXISTING PIPE		ST'D GR-FOA-2 TYPE II W/ MGS4 TRANSITION REQ'D
			ST'D GR-MGS3 TRAILING END ANCHORAGE REQ'D
			ST'D GR-MGS2 TANGENT END TERMINAL REQ'D

LEGEND

	TU ROUTINE MAINTENANCE
	TU FULL MAINTENANCE

RFP CONCEPTUAL PLANS
DATE: 08/03/2018

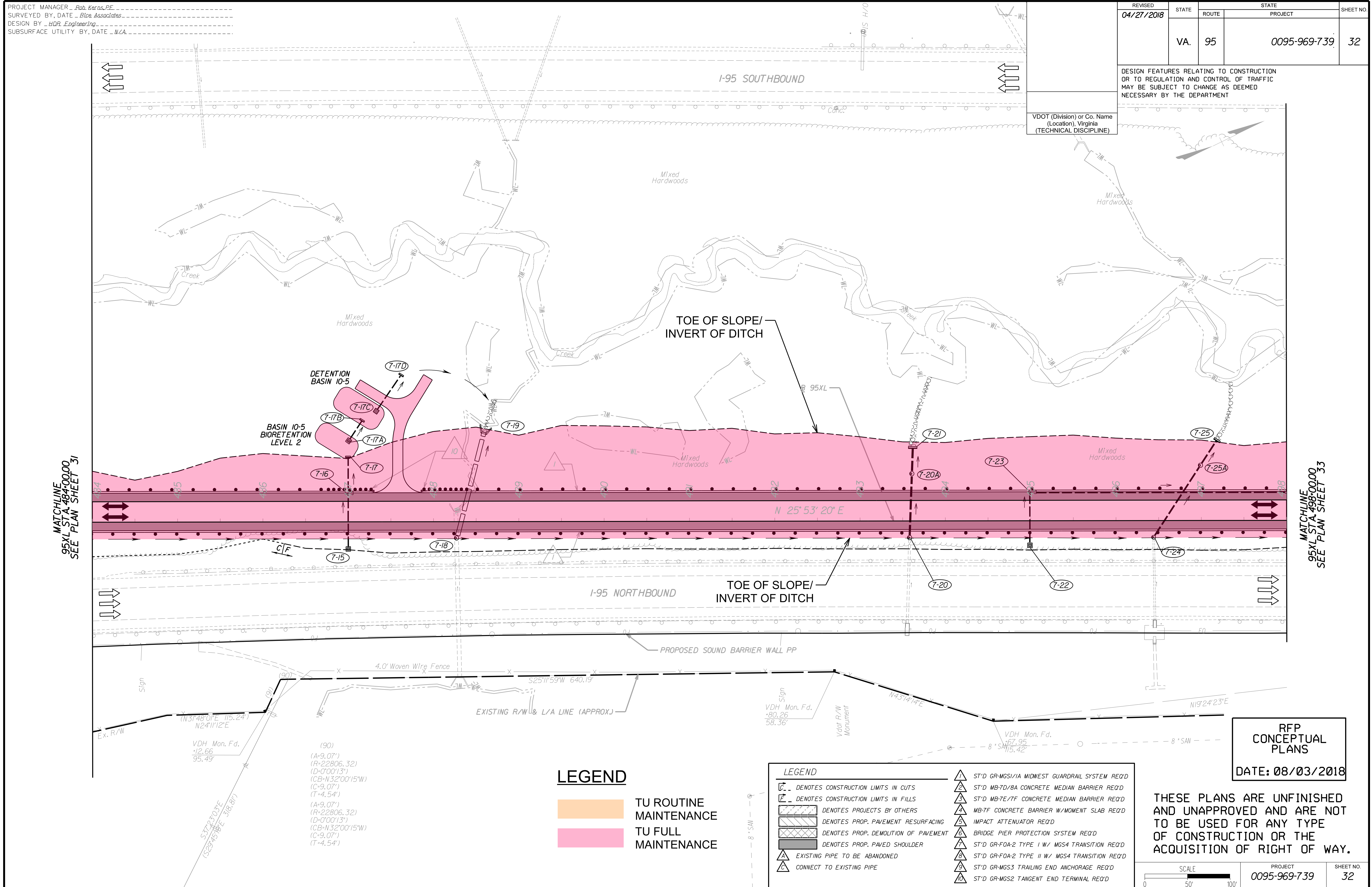
THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

PROJECT MANAGER: Rob. Keras, P.E.
SURVEYED BY, DATE: Blca, Associates
DESIGN BY: HDR Engineering
SUBSURFACE UTILITY BY, DATE: N/A

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
04/27/2018	VA.	95	0095-969-739	32

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT (Division) or Co. Name
(Location), Virginia
(TECHNICAL DISCIPLINE)



MATCHLINE
95XL STA. 484+00.00
SEE PLAN SHEET 31

MATCHLINE
95XL STA. 498+00.00
SEE PLAN SHEET 33

LEGEND

TU ROUTINE MAINTENANCE

TU FULL MAINTENANCE

LEGEND	
	ST'D GR-MGS1/IA MIDWEST GUARDRAIL SYSTEM REQ'D
	ST'D MB-7D/BA CONCRETE MEDIAN BARRIER REQ'D
	ST'D MB-7E/TF CONCRETE MEDIAN BARRIER REQ'D
	MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
	IMPACT ATTENUATOR REQ'D
	BRIDGE PIER PROTECTION SYSTEM REQ'D
	ST'D GR-FOA-2 TYPE I W/ MGS4 TRANSITION REQ'D
	ST'D GR-FOA-2 TYPE II W/ MGS4 TRANSITION REQ'D
	ST'D GR-MGS3 TRAILING END ANCHORAGE REQ'D
	ST'D GR-MGS2 TANGENT END TERMINAL REQ'D

RFP CONCEPTUAL PLANS
DATE: 08/03/2018

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

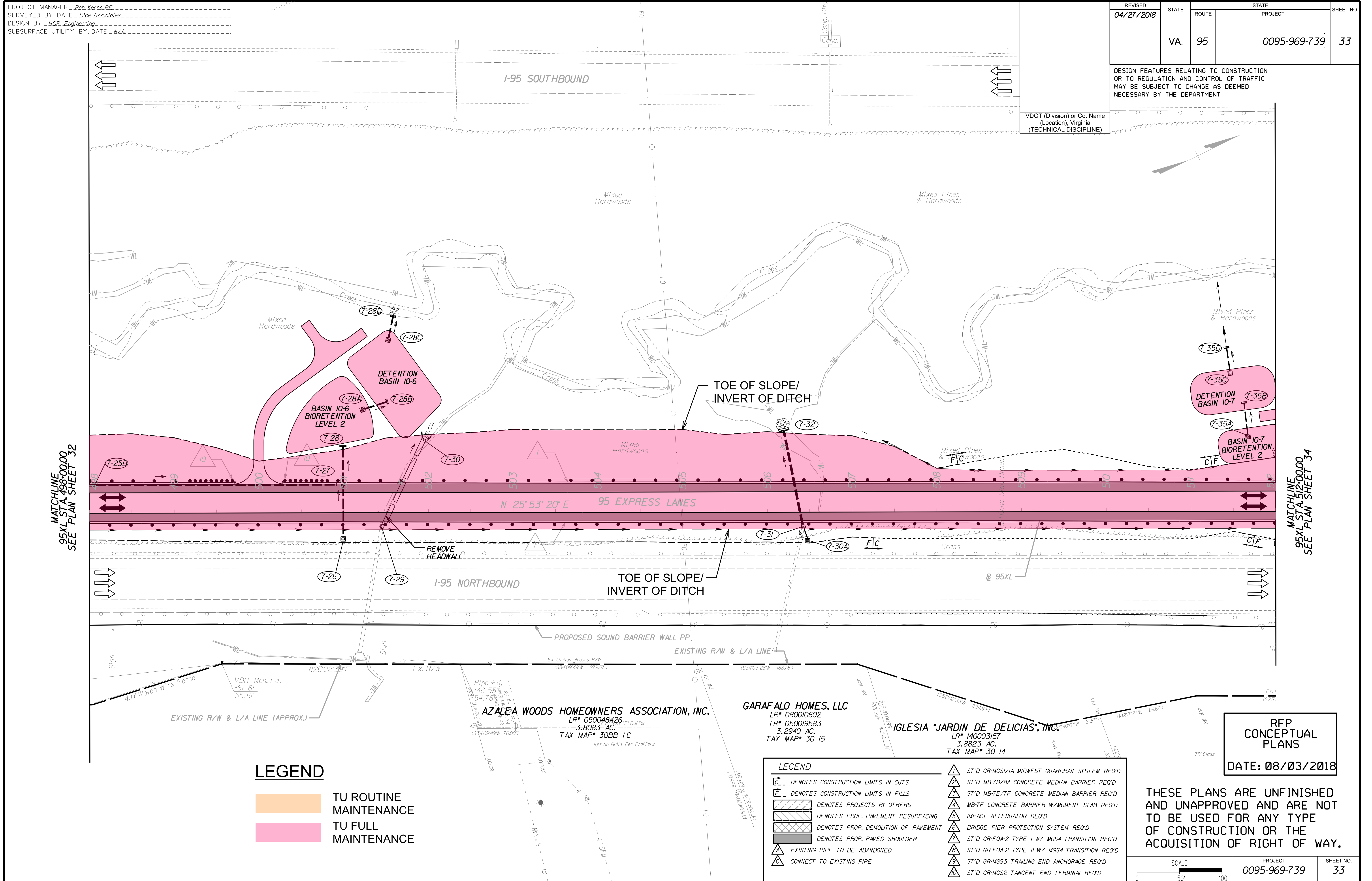
SCALE 0 50' 100'	PROJECT 0095-969-739	SHEET NO. 32
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PROJECT MANAGER Rob. Keras, P.E.
SURVEYED BY, DATE Bice Associates
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
04/27/2018	VA.	95	0095-969-739	33

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)



LEGEND

TU ROUTINE MAINTENANCE

TU FULL MAINTENANCE

LEGEND

	DENOTES CONSTRUCTION LIMITS IN CUTS		ST'D GR-MGS1/IA MIDWEST GUARDRAIL SYSTEM REQ'D
	DENOTES CONSTRUCTION LIMITS IN FILLS		ST'D MB-7D/BA CONCRETE MEDIAN BARRIER REQ'D
	DENOTES PROJECTS BY OTHERS		ST'D MB-7E/TF CONCRETE MEDIAN BARRIER REQ'D
	DENOTES PROP. PAVEMENT RESURFACING		MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
	DENOTES PROP. DEMOLITION OF PAVEMENT		IMPACT ATTENUATOR REQ'D
	DENOTES PROP. PAVED SHOULDER		BRIDGE PIER PROTECTION SYSTEM REQ'D
	EXISTING PIPE TO BE ABANDONED		ST'D GR-FOA-2 TYPE I W/ MGS4 TRANSITION REQ'D
	CONNECT TO EXISTING PIPE		ST'D GR-FOA-2 TYPE II W/ MGS4 TRANSITION REQ'D
			ST'D GR-MGS3 TRAILING END ANCHORAGE REQ'D
			ST'D GR-MGS2 TANGENT END TERMINAL REQ'D

RFP CONCEPTUAL PLANS
DATE: 08/03/2018

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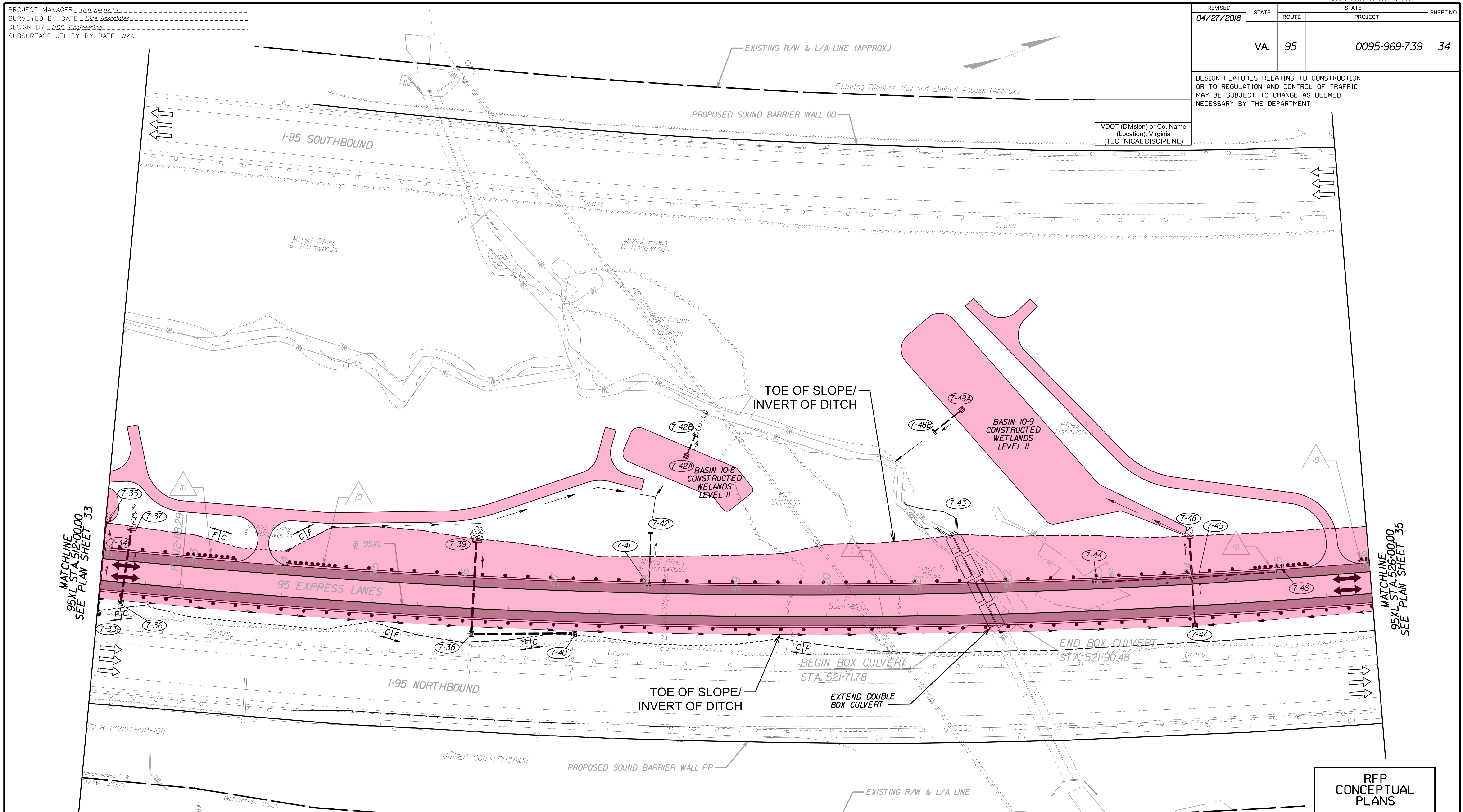
SCALE 0 50' 100'	PROJECT 0095-969-739	SHEET NO. 33
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PROJECT MANAGER Rob. Keras, PE
SURVEYED BY, DATE Blca Associates
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
04/27/2018	VA.	95	0095-969-739	34

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT (Division) or Co. Name
(Location), Virginia
(TECHNICAL DISCIPLINE)

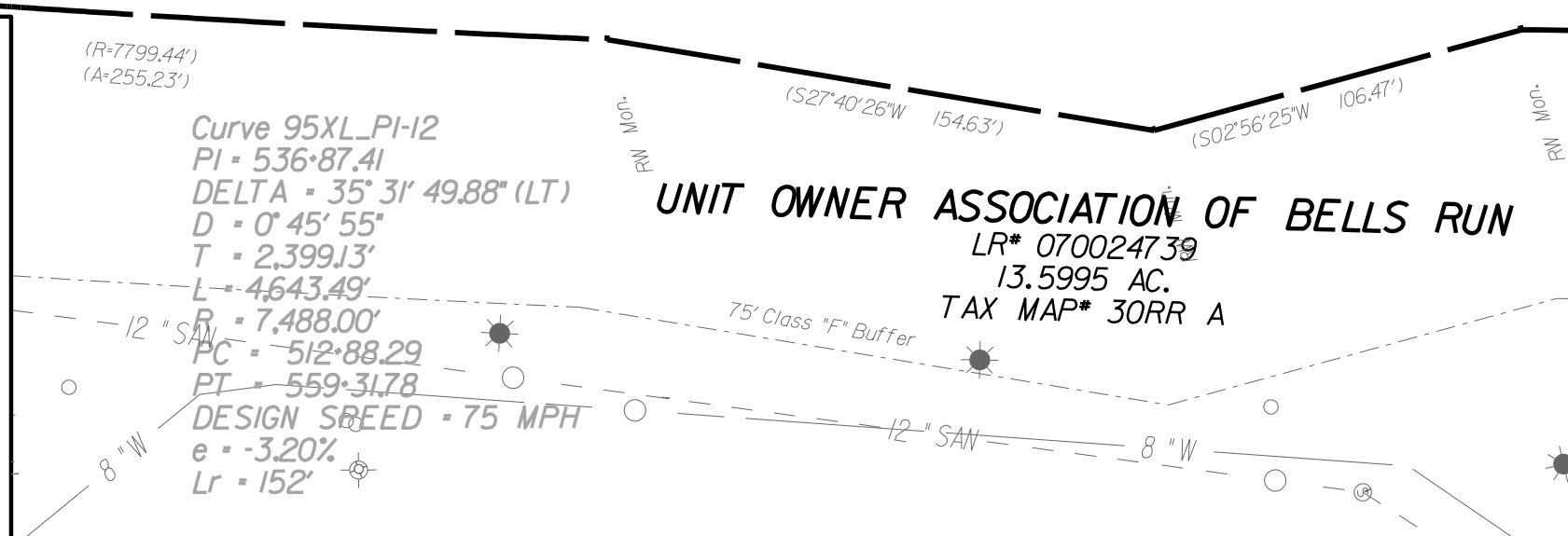


MATCHLINE
95XL STA 512+00.00
SEE PLAN SHEET 33

MATCHLINE
95XL STA 526+00.00
SEE PLAN SHEET 35

LEGEND

	ST'D GR-MGS1/1A MIDWEST GUARDRAIL SYSTEM REQ'D
	ST'D MB-7D/8A CONCRETE MEDIAN BARRIER REQ'D
	ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
	MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
	IMPACT ATTENUATOR REQ'D
	BRIDGE PIER PROTECTION SYSTEM REQ'D
	ST'D GR-FOA-2 TYPE I W/ MGS4 TRANSITION REQ'D
	ST'D GR-FOA-2 TYPE II W/ MGS4 TRANSITION REQ'D
	ST'D GR-MGS3 TRAILING END ANCHORAGE REQ'D
	ST'D GR-MGS2 TANGENT END TERMINAL REQ'D



LEGEND

	TU ROUTINE MAINTENANCE
	TU FULL MAINTENANCE

RFP CONCEPTUAL PLANS
DATE: 08/03/2018

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'

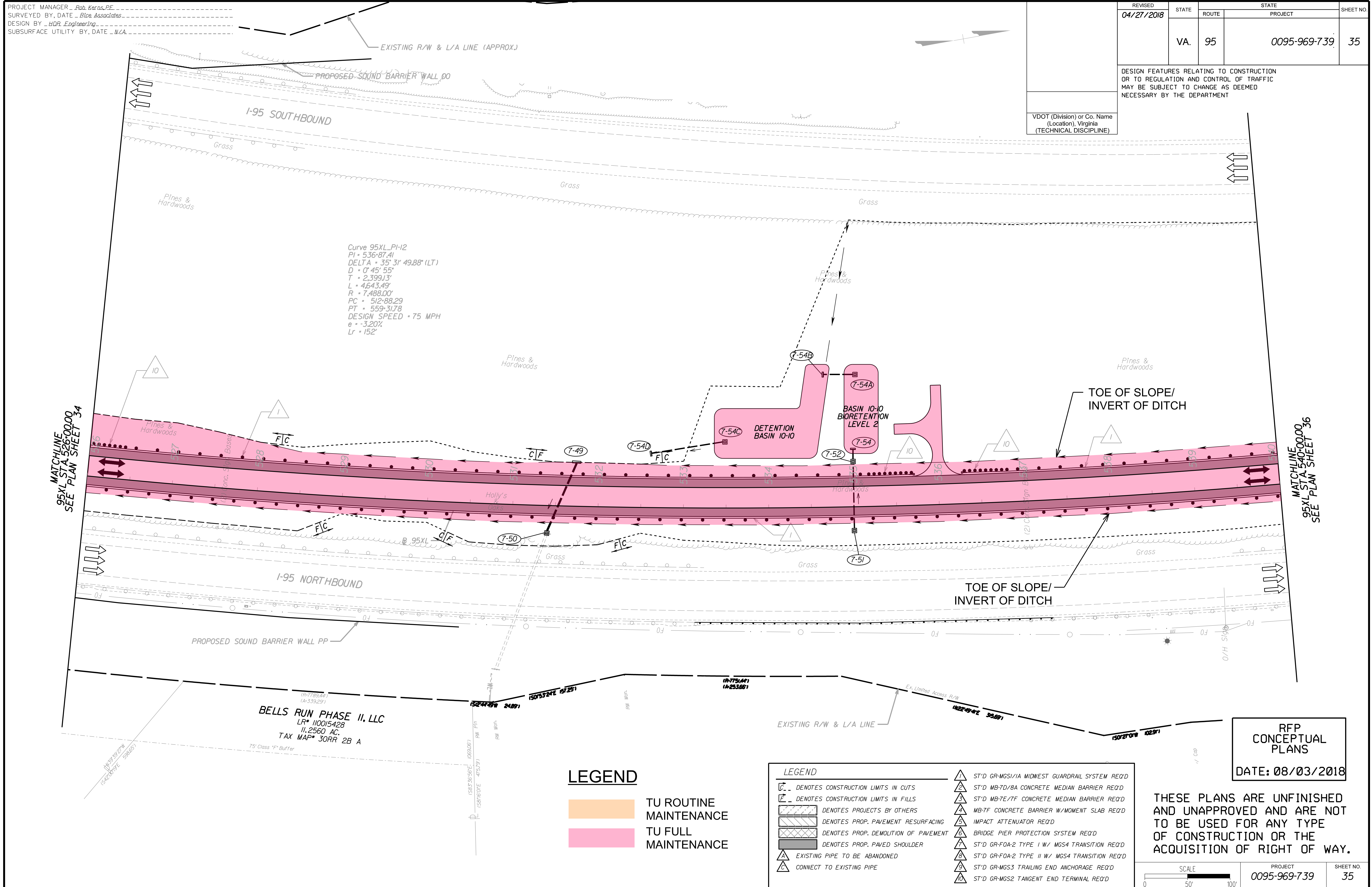
PROJECT	SHEET NO.
0095-969-739	34

PROJECT MANAGER - Rob. Keras, PE
SURVEYED BY, DATE - Blca, Associates
DESIGN BY - HDR Engineering
SUBSURFACE UTILITY BY, DATE - WZA

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
04/27/2018	VA.	95		0095-969-739	35

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT (Division) or Co. Name
(Location), Virginia
(TECHNICAL DISCIPLINE)



LEGEND

TU ROUTINE MAINTENANCE

TU FULL MAINTENANCE

LEGEND

	DENOTES CONSTRUCTION LIMITS IN CUTS		ST'D GR-MGS1/A MIDWEST GUARDRAIL SYSTEM REQ'D
	DENOTES CONSTRUCTION LIMITS IN FILLS		ST'D MB-7D/8A CONCRETE MEDIAN BARRIER REQ'D
	DENOTES PROJECTS BY OTHERS		ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
	DENOTES PROP. PAVEMENT RESURFACING		MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
	DENOTES PROP. DEMOLITION OF PAVEMENT		IMPACT ATTENUATOR REQ'D
	DENOTES PROP. PAVED SHOULDER		BRIDGE PIER PROTECTION SYSTEM REQ'D
	EXISTING PIPE TO BE ABANDONED		ST'D GR-FOA-2 TYPE I W/ MGS4 TRANSITION REQ'D
	CONNECT TO EXISTING PIPE		ST'D GR-FOA-2 TYPE II W/ MGS4 TRANSITION REQ'D
			ST'D GR-MGS3 TRAILING END ANCHORAGE REQ'D
			ST'D GR-MGS2 TANGENT END TERMINAL REQ'D

RFP CONCEPTUAL PLANS
DATE: 08/03/2018

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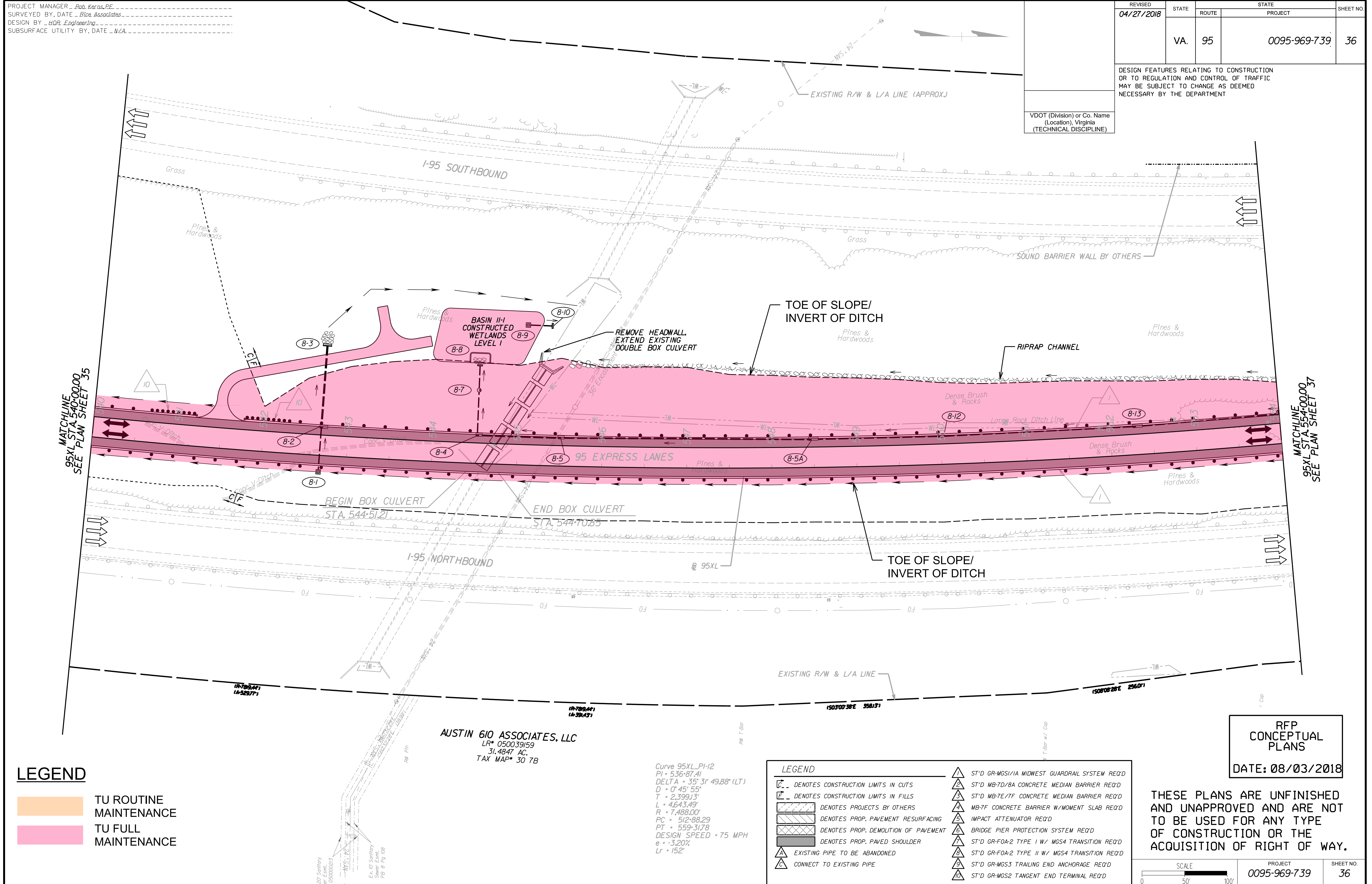
SCALE 0 50' 100'	PROJECT 0095-969-739	SHEET NO. 35
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PROJECT MANAGER: Rob. Keras, P.E.
SURVEYED BY, DATE: Blca, Associates
DESIGN BY: HDR Engineering
SUBSURFACE UTILITY BY, DATE: N/A

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
04/27/2018	VA.	95		0095-969-739	36

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT (Division) or Co. Name
(Location), Virginia
(TECHNICAL DISCIPLINE)



MATCHLINE
95XL STA 540+00.00
SEE PLAN SHEET 35

MATCHLINE
95XL STA 554+00.00
SEE PLAN SHEET 37

LEGEND

- TU ROUTINE MAINTENANCE
- TU FULL MAINTENANCE

AUSTIN 610 ASSOCIATES, LLC
LR# 050039159
31.4847 AC.
TAX MAP# 30.7B

Curve 95XL_P1-12
PI = 536+87.41
DELTA = 35° 31' 49.88" (LT)
D = 0° 45' 55"
T = 2,399.13'
L = 4,643.49'
R = 7,488.00'
PC = 512+88.29
PT = 559+31.78
DESIGN SPEED = 75 MPH
e = -3.20%
Lr = 152'

LEGEND

	DENOTES CONSTRUCTION LIMITS IN CUTS		ST'D GR-MGS1/A MIDWEST GUARDRAIL SYSTEM REQ'D
	DENOTES CONSTRUCTION LIMITS IN FILLS		ST'D MB-7D/8A CONCRETE MEDIAN BARRIER REQ'D
	DENOTES PROJECTS BY OTHERS		ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
	DENOTES PROP. PAVEMENT RESURFACING		MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
	DENOTES PROP. DEMOLITION OF PAVEMENT		IMPACT ATTENUATOR REQ'D
	DENOTES PROP. PAVED SHOULDER		BRIDGE PIER PROTECTION SYSTEM REQ'D
	EXISTING PIPE TO BE ABANDONED		ST'D GR-FOA-2 TYPE I W/ MGS4 TRANSITION REQ'D
	CONNECT TO EXISTING PIPE		ST'D GR-FOA-2 TYPE II W/ MGS4 TRANSITION REQ'D
			ST'D GR-MGS3 TRAILING END ANCHORAGE REQ'D
			ST'D GR-MGS2 TANGENT END TERMINAL REQ'D

RFP CONCEPTUAL PLANS
DATE: 08/03/2018

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

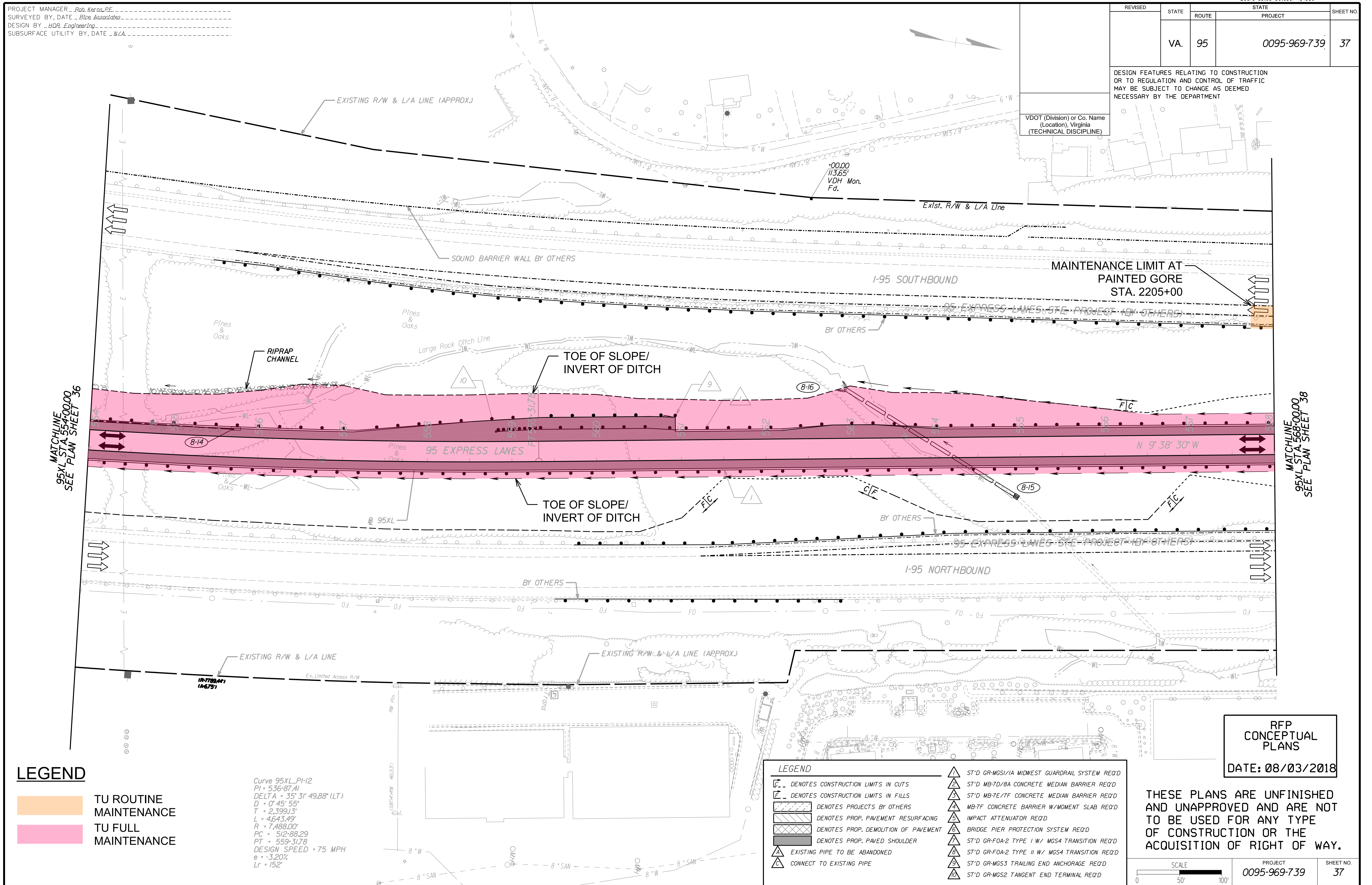
SCALE 0 50' 100'	PROJECT 0095-969-739	SHEET NO. 36
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PROJECT MANAGER - Rob. Keras, P.E.
SURVEYED BY, DATE - Blca, Associates
DESIGN BY - HDR Engineering
SUBSURFACE UTILITY BY, DATE - N/A

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	95	0095-969-739	37

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT (Division) or Co. Name
(Location), Virginia
(TECHNICAL DISCIPLINE)



MATCHLINE
95XL STA. 554+00.00
SEE PLAN SHEET 36

MATCHLINE
95XL STA. 568+00.00
SEE PLAN SHEET 38

LEGEND

- TU ROUTINE MAINTENANCE
- TU FULL MAINTENANCE

Curve 95XL_PI-12
PI = 536+87.41
DELTA = 35° 31' 49.88" (LT)
D = 0° 45' 55"
T = 2,399.13'
L = 4,643.49'
R = 7,488.00'
PC = 512+88.29
PT = 559+31.78
DESIGN SPEED = 75 MPH
e = -3.20%
Lr = 152'

LEGEND

- DENOTES CONSTRUCTION LIMITS IN CUTS
- DENOTES CONSTRUCTION LIMITS IN FILLS
- DENOTES PROJECTS BY OTHERS
- DENOTES PROP. PAVEMENT RESURFACING
- DENOTES PROP. DEMOLITION OF PAVEMENT
- DENOTES PROP. PAVED SHOULDER
- EXISTING PIPE TO BE ABANDONED
- CONNECT TO EXISTING PIPE
- ST'D GR-MGS1/1A MIDWEST GUARDRAIL SYSTEM REQ'D
- ST'D MB-7D/8A CONCRETE MEDIAN BARRIER REQ'D
- ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
- MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
- IMPACT ATTENUATOR REQ'D
- BRIDGE PIER PROTECTION SYSTEM REQ'D
- ST'D GR-FOA-2 TYPE I W/ MGS4 TRANSITION REQ'D
- ST'D GR-FOA-2 TYPE II W/ MGS4 TRANSITION REQ'D
- ST'D GR-MGS3 TRAILING END ANCHORAGE REQ'D
- ST'D GR-MGS2 TANGENT END TERMINAL REQ'D

RFP
CONCEPTUAL
PLANS
DATE: 08/03/2018

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

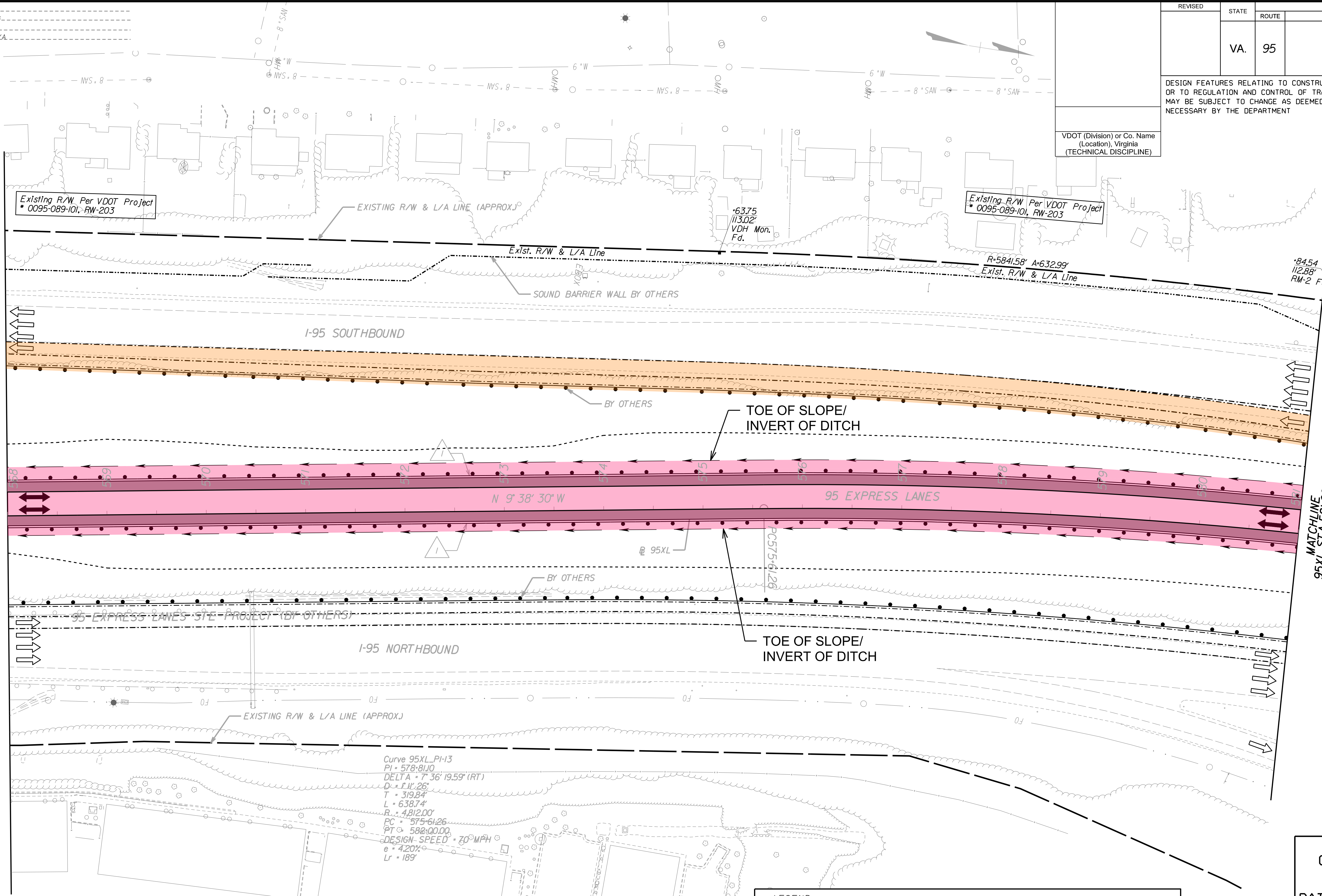
SCALE 0 50' 100'	PROJECT 0095-969-739	SHEET NO. 37
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PROJECT MANAGER: Rob. Keras, PE
SURVEYED BY, DATE: Blca. Associates
DESIGN BY: HDR Engineering
SUBSURFACE UTILITY BY, DATE: N/A

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	95	0095-969-739	38

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)



MATCHLINE
95XL STA. 568+00.00
SEE PLAN SHEET 37

MATCHLINE
95XL STA. 581+00.00
SEE PLAN SHEET 39

LEGEND

- TU ROUTINE MAINTENANCE
- TU FULL MAINTENANCE

LEGEND	
	DENOTES CONSTRUCTION LIMITS IN CUTS
	DENOTES CONSTRUCTION LIMITS IN FILLS
	DENOTES PROJECTS BY OTHERS
	DENOTES PROP. PAVEMENT RESURFACING
	DENOTES PROP. DEMOLITION OF PAVEMENT
	DENOTES PROP. PAVED SHOULDER
	EXISTING PIPE TO BE ABANDONED
	CONNECT TO EXISTING PIPE
	ST'D GR-MGS1/A MIDWEST GUARDRAIL SYSTEM REQ'D
	ST'D MB-7D/8A CONCRETE MEDIAN BARRIER REQ'D
	ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
	MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
	IMPACT ATTENUATOR REQ'D
	BRIDGE PIER PROTECTION SYSTEM REQ'D
	ST'D GR-FOA-2 TYPE I W/ MGS4 TRANSITION REQ'D
	ST'D GR-FOA-2 TYPE II W/ MGS4 TRANSITION REQ'D
	ST'D GR-MGS3 TRAILING END ANCHORAGE REQ'D
	ST'D GR-MGS2 TANGENT END TERMINAL REQ'D

RFP CONCEPTUAL PLANS
DATE: 08/03/2018

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 0095-969-739	SHEET NO. 38
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PROJECT MANAGER: Rob. Keras, PE
SURVEYED BY, DATE: Blca, Associates
DESIGN BY: HDR Engineering
SUBSURFACE UTILITY BY, DATE: N/A

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	95	0095-969-739	39

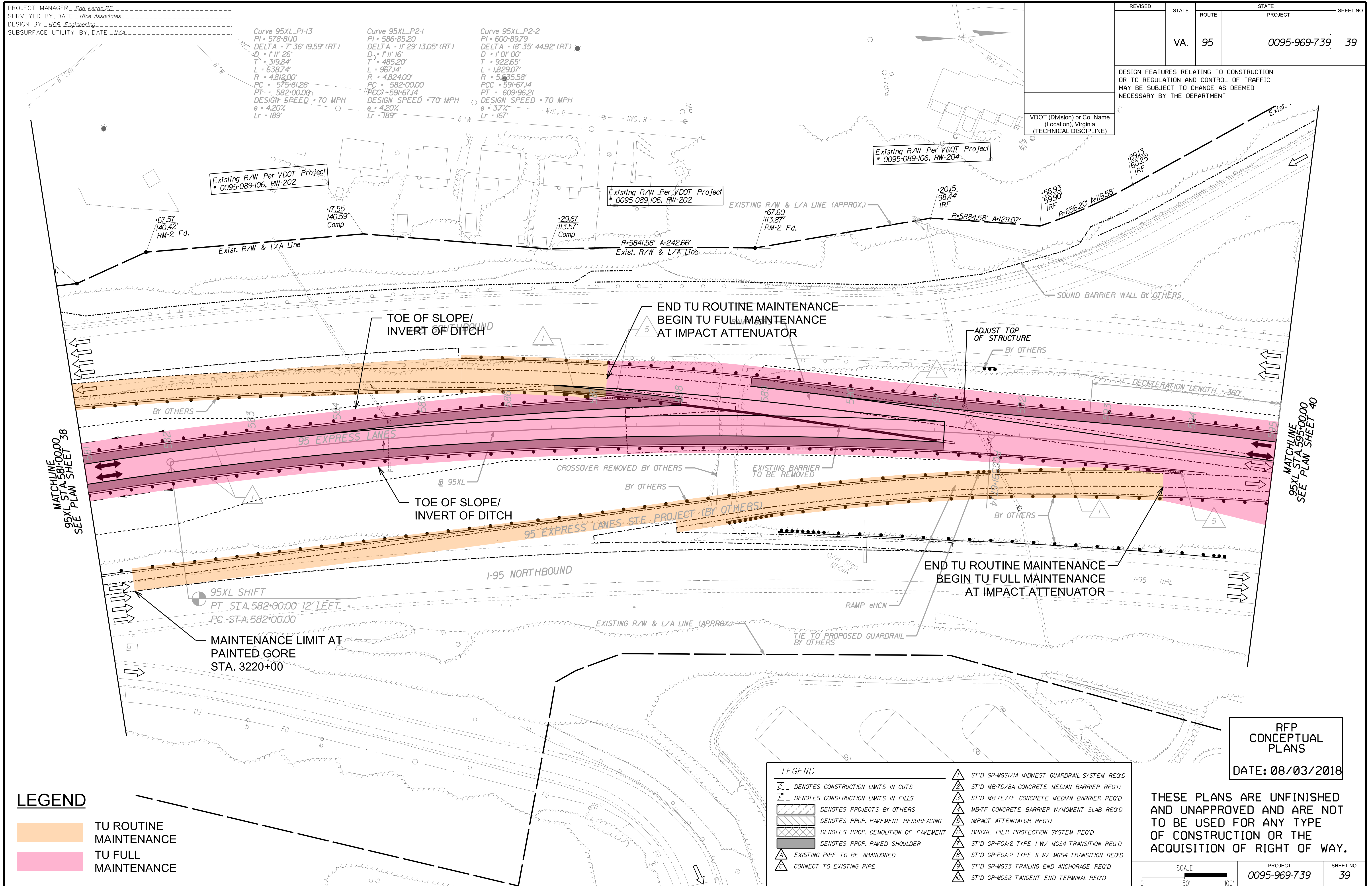
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)

Curve 95XL_P1-3
PI = 578.8110
DELTA = 7° 36' 19.59" (RT)
D = 111' 26"
T = 319.84'
L = 638.74'
R = 4.812.00'
PC = 575+61.26
PT = 582+00.00
DESIGN SPEED = 70 MPH
e = 4.20%
Lr = 189'

Curve 95XL_P2-1
PI = 586.8520
DELTA = 11° 29' 13.05" (RT)
D = 111' 16"
T = 485.20'
L = 987.14'
R = 4.824.00'
PC = 582+00.00
PCC = 591+67.14
DESIGN SPEED = 70 MPH
e = 4.20%
Lr = 189'

Curve 95XL_P2-2
PI = 600.8979
DELTA = 18° 35' 44.92" (RT)
D = 110' 00"
T = 922.65'
L = 1829.07'
R = 5.035.58'
PCC = 591+67.14
PT = 609+96.21
DESIGN SPEED = 70 MPH
e = 3.7%
Lr = 167'



MATCHLINE
95XL STA 581+00.00
SEE PLAN SHEET 38

MATCHLINE
95XL STA 595+00.00
SEE PLAN SHEET 40

LEGEND

- TU ROUTINE MAINTENANCE
- TU FULL MAINTENANCE

LEGEND

	DENOTES CONSTRUCTION LIMITS IN CUTS		ST'D GR-MGS1/1A MIDWEST GUARDRAIL SYSTEM REQ'D
	DENOTES CONSTRUCTION LIMITS IN FILLS		ST'D MB-7D/8A CONCRETE MEDIAN BARRIER REQ'D
	DENOTES PROJECTS BY OTHERS		ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
	DENOTES PROP. PAVEMENT RESURFACING		MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
	DENOTES PROP. DEMOLITION OF PAVEMENT		IMPACT ATTENUATOR REQ'D
	DENOTES PROP. PAVED SHOULDER		BRIDGE PIER PROTECTION SYSTEM REQ'D
	EXISTING PIPE TO BE ABANDONED		ST'D GR-FOA-2 TYPE I W/ MGS4 TRANSITION REQ'D
	CONNECT TO EXISTING PIPE		ST'D GR-FOA-2 TYPE II W/ MGS4 TRANSITION REQ'D
			ST'D GR-MGS3 TRAILING END ANCHORAGE REQ'D
			ST'D GR-MGS2 TANGENT END TERMINAL REQ'D

RFP
CONCEPTUAL
PLANS
DATE: 08/03/2018

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

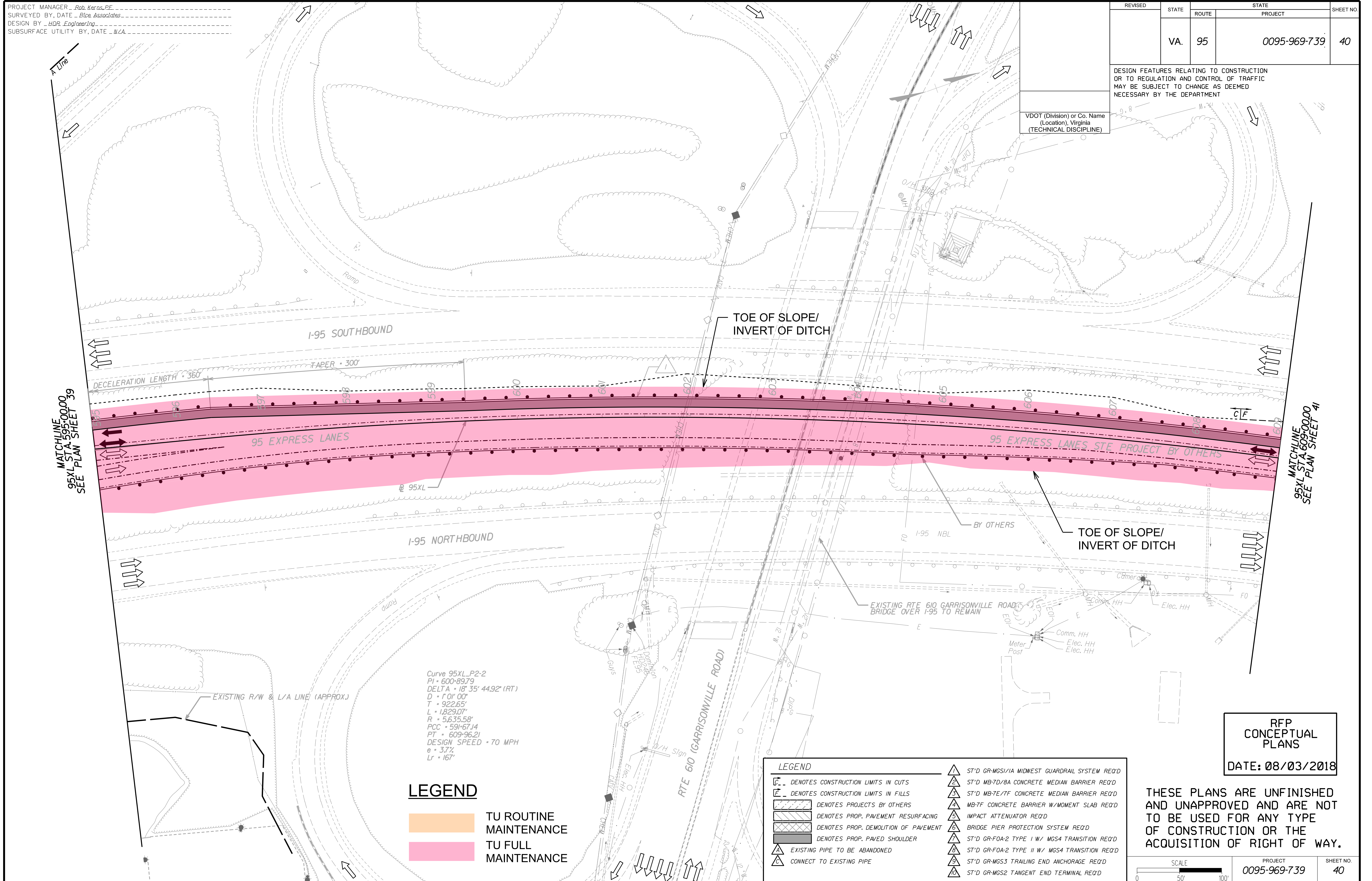
SCALE 0 50' 100'	PROJECT 0095-969-739	SHEET NO. 39
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PROJECT MANAGER - Rob. Keras, P.E.
SURVEYED BY, DATE - Blca, Associates
DESIGN BY - HDR Engineering
SUBSURFACE UTILITY BY, DATE - N/A

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	95		0095-969-739	40

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT (Division) or Co. Name
(Location), Virginia
(TECHNICAL DISCIPLINE)



MATCHLINE
95XL STA. 595+00.00
SEE PLAN SHEET 39

MATCHLINE
95XL STA. 609+00.00
SEE PLAN SHEET 41

LEGEND

	TU ROUTINE MAINTENANCE
	TU FULL MAINTENANCE

LEGEND

	DENOTES CONSTRUCTION LIMITS IN CUTS		ST'D GR-MGS1/A MIDWEST GUARDRAIL SYSTEM REQ'D
	DENOTES CONSTRUCTION LIMITS IN FILLS		ST'D MB-7D/8A CONCRETE MEDIAN BARRIER REQ'D
	DENOTES PROPS. PAVEMENT RESURFACING		ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
	DENOTES PROPS. DEMOLITION OF PAVEMENT		MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
	DENOTES PROP. PAVED SHOULDER		IMPACT ATTENUATOR REQ'D
	EXISTING PIPE TO BE ABANDONED		BRIDGE PIER PROTECTION SYSTEM REQ'D
	CONNECT TO EXISTING PIPE		ST'D GR-FOA-2 TYPE I W/ MGS4 TRANSITION REQ'D
			ST'D GR-FOA-2 TYPE II W/ MGS4 TRANSITION REQ'D
			ST'D GR-MGS3 TRAILING END ANCHORAGE REQ'D
			ST'D GR-MGS2 TANGENT END TERMINAL REQ'D

RFP
CONCEPTUAL
PLANS
DATE: 08/03/2018

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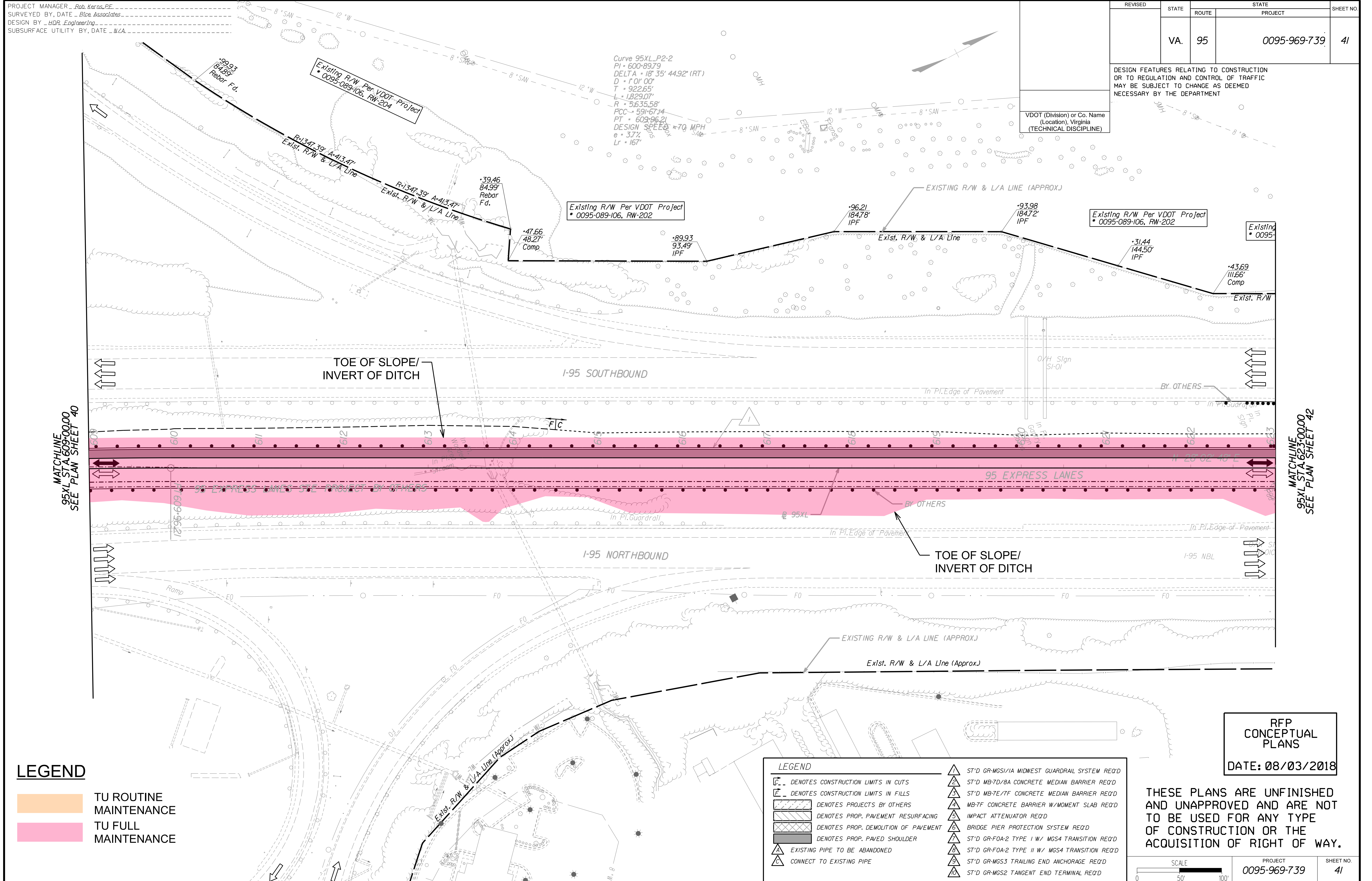
SCALE 0 50' 100'	PROJECT 0095-969-739	SHEET NO. 40
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PROJECT MANAGER - Rob. Keras, PE
SURVEYED BY, DATE - Blca. Associates
DESIGN BY - HDR Engineering
SUBSURFACE UTILITY BY, DATE - N/A

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	95	0095-969-739	41

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)



LEGEND

- TU ROUTINE MAINTENANCE
- TU FULL MAINTENANCE

LEGEND

- DENOTES CONSTRUCTION LIMITS IN CUTS
- DENOTES CONSTRUCTION LIMITS IN FILLS
- DENOTES PROJECTS BY OTHERS
- DENOTES PROP. PAVEMENT RESURFACING
- DENOTES PROP. DEMOLITION OF PAVEMENT
- DENOTES PROP. PAVED SHOULDER
- EXISTING PIPE TO BE ABANDONED
- CONNECT TO EXISTING PIPE
- ST'D GR-MGS1/A MIDWEST GUARDRAIL SYSTEM REQ'D
- ST'D MB-7D/8A CONCRETE MEDIAN BARRIER REQ'D
- ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
- MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
- IMPACT ATTENUATOR REQ'D
- BRIDGE PIER PROTECTION SYSTEM REQ'D
- ST'D GR-FOA-2 TYPE I W/ MGS4 TRANSITION REQ'D
- ST'D GR-FOA-2 TYPE II W/ MGS4 TRANSITION REQ'D
- ST'D GR-MGS3 TRAILING END ANCHORAGE REQ'D
- ST'D GR-MGS2 TANGENT END TERMINAL REQ'D

RFP CONCEPTUAL PLANS
DATE: 08/03/2018

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

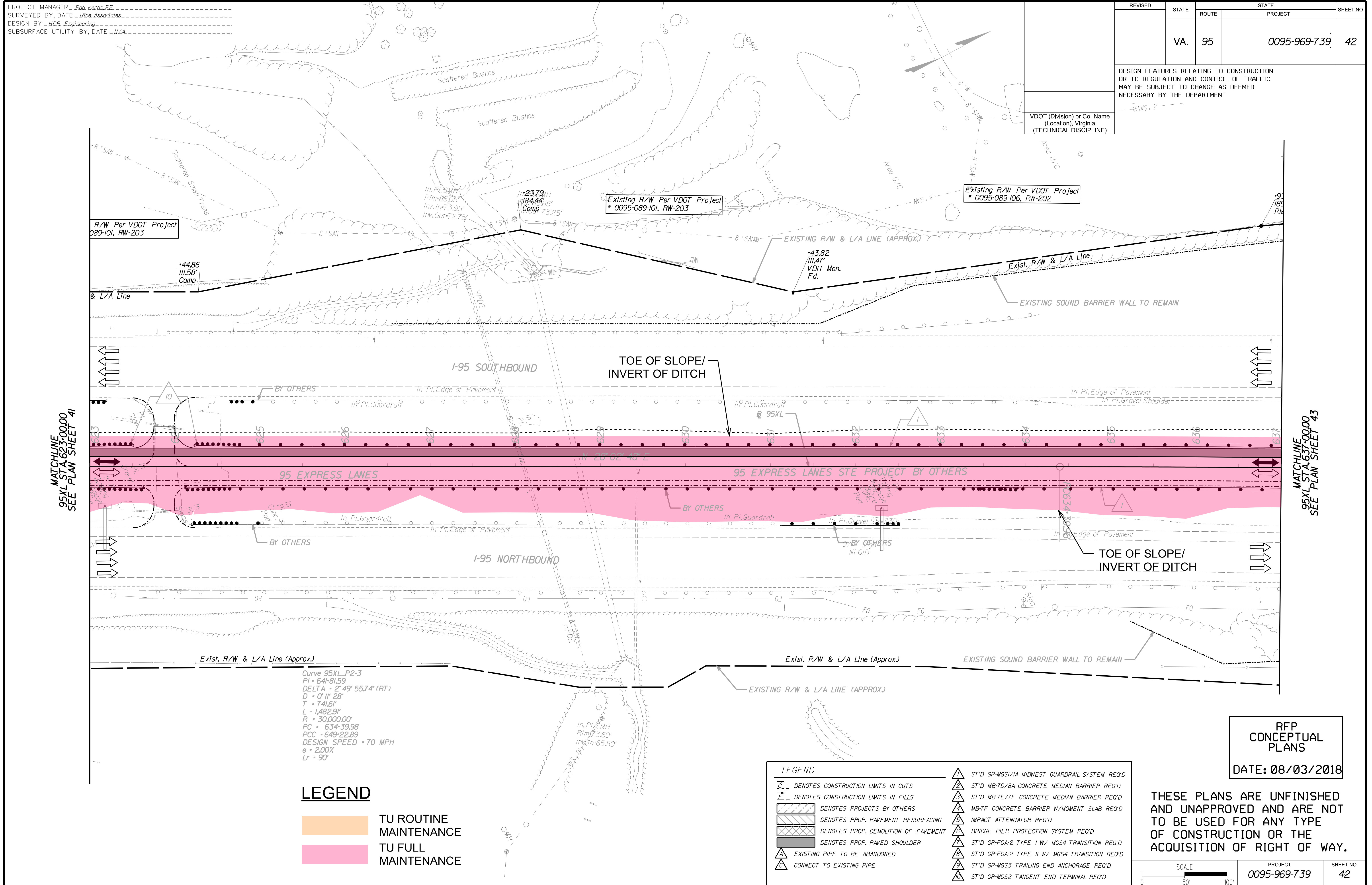
SCALE	PROJECT	SHEET NO.
0 50' 100'	0095-969-739	41

PROJECT MANAGER - Rob. Keras, PE
SURVEYED BY, DATE - Blca, Associates
DESIGN BY - HDR, Engineering
SUBSURFACE UTILITY BY, DATE - N/A

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	95	0095-969-739	42

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)



Curve 95XL_P2-3
PI = 641+81.59
DELTA = 2° 49' 55.74" (RT)
D = 0° 11' 28"
T = 741.61'
L = 1482.91'
R = 30,000.00'
PC = 634+39.98
PCC = 649+22.89
DESIGN SPEED = 70 MPH
e = 2.00%
Lr = 90'

LEGEND

	TU ROUTINE MAINTENANCE
	TU FULL MAINTENANCE

LEGEND

	DENOTES CONSTRUCTION LIMITS IN CUTS		ST'D GR-MGS1/1A MIDWEST GUARDRAIL SYSTEM REQ'D
	DENOTES CONSTRUCTION LIMITS IN FILLS		ST'D MB-7D/8A CONCRETE MEDIAN BARRIER REQ'D
	DENOTES PROJECTS BY OTHERS		ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
	DENOTES PROP. PAVEMENT RESURFACING		MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
	DENOTES PROP. DEMOLITION OF PAVEMENT		IMPACT ATTENUATOR REQ'D
	DENOTES PROP. PAVED SHOULDER		BRIDGE PIER PROTECTION SYSTEM REQ'D
	EXISTING PIPE TO BE ABANDONED		ST'D GR-FOA-2 TYPE I W/ MGS4 TRANSITION REQ'D
	CONNECT TO EXISTING PIPE		ST'D GR-FOA-2 TYPE II W/ MGS4 TRANSITION REQ'D
			ST'D GR-MGS3 TRAILING END ANCHORAGE REQ'D
			ST'D GR-MGS2 TANGENT END TERMINAL REQ'D

RFP CONCEPTUAL PLANS
DATE: 08/03/2018

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

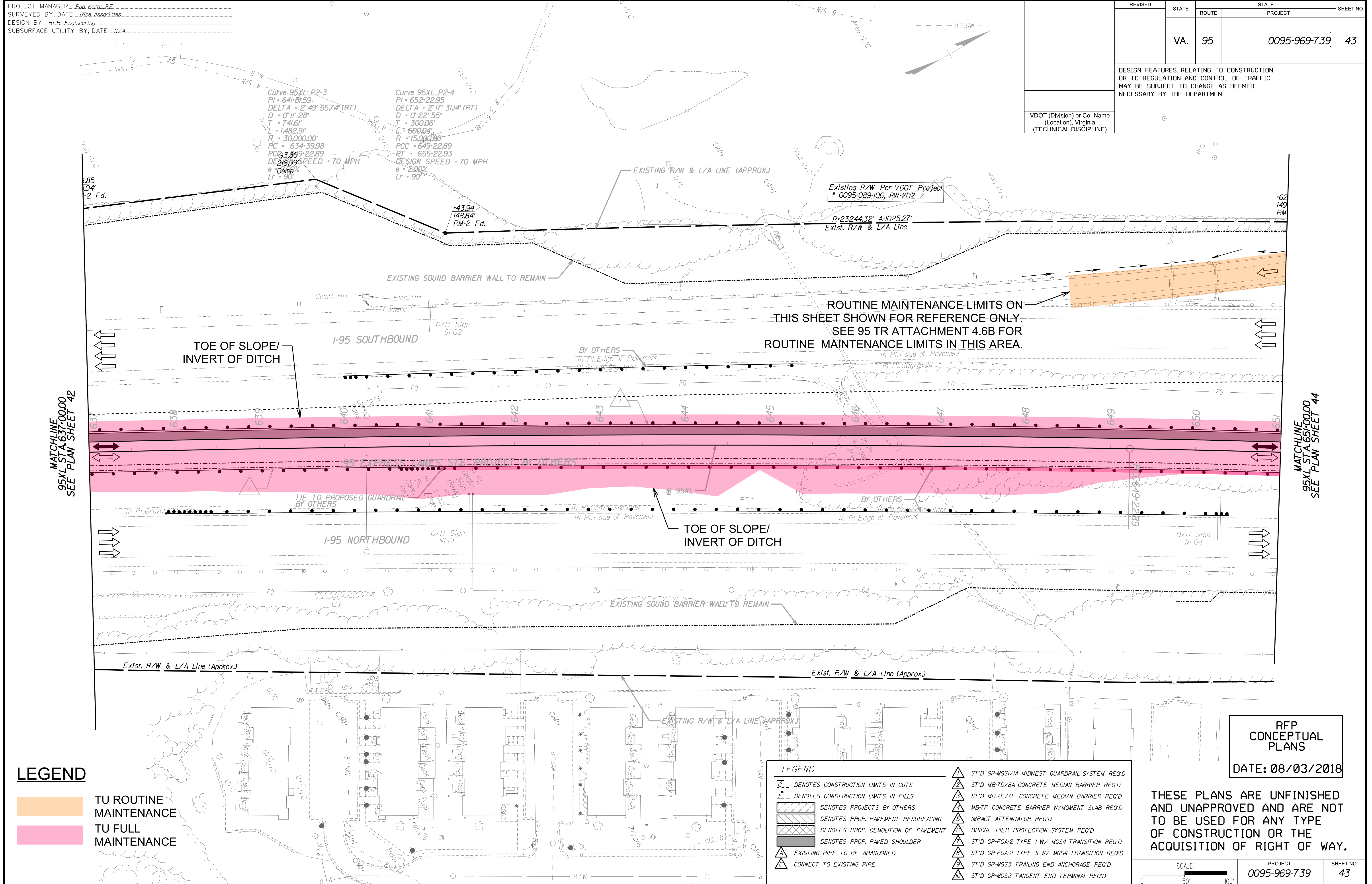
SCALE 0 50' 100'	PROJECT 0095-969-739	SHEET NO. 42
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PROJECT MANAGER Rob Keras, PE
SURVEYED BY, DATE Blca Associates
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY DATE N/A

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	95		0095-969-739	43

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT (Division) or Co. Name
(Location), Virginia
(TECHNICAL DISCIPLINE)



MATCHLINE
95XL STA 637+00.00
SEE PLAN SHEET 42

MATCHLINE
95XL STA 651+00.00
SEE PLAN SHEET 44

ROUTINE MAINTENANCE LIMITS ON THIS SHEET SHOWN FOR REFERENCE ONLY. SEE 95 TR ATTACHMENT 4.6B FOR ROUTINE MAINTENANCE LIMITS IN THIS AREA.

LEGEND

- TU ROUTINE MAINTENANCE
- TU FULL MAINTENANCE

LEGEND

- DENOTES CONSTRUCTION LIMITS IN CUTS
- DENOTES CONSTRUCTION LIMITS IN FILLS
- DENOTES PROJECTS BY OTHERS
- DENOTES PROP. PAVEMENT RESURFACING
- DENOTES PROP. DEMOLITION OF PAVEMENT
- DENOTES PROP. PAVED SHOULDER
- EXISTING PIPE TO BE ABANDONED
- CONNECT TO EXISTING PIPE
- ST'D GR-MGS1/1A MIDWEST GUARDRAIL SYSTEM REQ'D
- ST'D MB-7D/8A CONCRETE MEDIAN BARRIER REQ'D
- ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
- MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
- IMPACT ATTENUATOR REQ'D
- BRIDGE PIER PROTECTION SYSTEM REQ'D
- ST'D GR-FOA-2 TYPE 1 W/ MGS4 TRANSITION REQ'D
- ST'D GR-FOA-2 TYPE 2 W/ MGS4 TRANSITION REQ'D
- ST'D GR-MGS3 TRAILING END ANCHORAGE REQ'D
- ST'D GR-MGS2 TANGENT END TERMINAL REQ'D

RFP
CONCEPTUAL
PLANS
DATE: 08/03/2018

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 0095-969-739	SHEET NO. 43
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PROJECT MANAGER Rob. Keras, P.E.
SURVEYED BY, DATE Bice Associates
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	95	0095-969-739	44

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

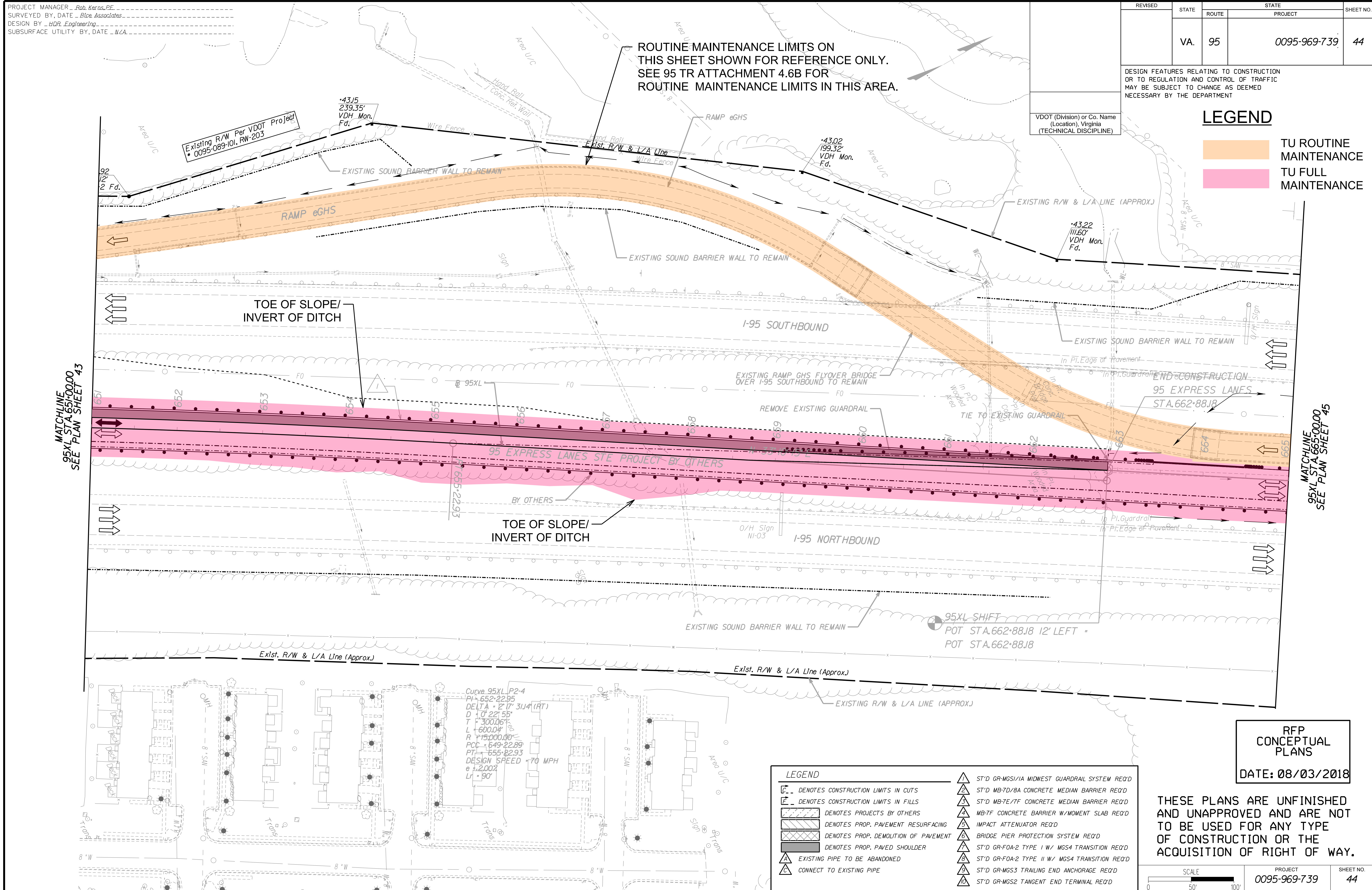
LEGEND

TU ROUTINE MAINTENANCE

TU FULL MAINTENANCE

VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)

ROUTINE MAINTENANCE LIMITS ON THIS SHEET SHOWN FOR REFERENCE ONLY. SEE 95 TR ATTACHMENT 4.6B FOR ROUTINE MAINTENANCE LIMITS IN THIS AREA.



MATCHLINE
95XL STA. 651+00.00
SEE PLAN SHEET 43

MATCHLINE
95XL STA. 665+00.00
SEE PLAN SHEET 45

Curve 95XL P2-4

PI	652+22.95
DELTA	2° 17' 31.14" (RT)
D	10' 22" 55"
T	300.06'
L	600.04'
R	15,000.00'
PCC	649+22.89
PTI	655+22.93
DESIGN SPEED	70 MPH
e	±2.00%
Lt	90'

LEGEND

- DENOTES CONSTRUCTION LIMITS IN CUTS
- DENOTES CONSTRUCTION LIMITS IN FILLS
- DENOTES PROJECTS BY OTHERS
- DENOTES PROP. PAVEMENT RESURFACING
- DENOTES PROP. DEMOLITION OF PAVEMENT
- DENOTES PROP. PAVED SHOULDER
- EXISTING PIPE TO BE ABANDONED
- CONNECT TO EXISTING PIPE
- ST'D GR-MGS1/IA MIDWEST GUARDRAIL SYSTEM REQ'D
- ST'D MB-7D/8A CONCRETE MEDIAN BARRIER REQ'D
- ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
- MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
- IMPACT ATTENUATOR REQ'D
- BRIDGE PIER PROTECTION SYSTEM REQ'D
- ST'D GR-FOA-2 TYPE I W/ MGS4 TRANSITION REQ'D
- ST'D GR-FOA-2 TYPE II W/ MGS4 TRANSITION REQ'D
- ST'D GR-MGS3 TRAILING END ANCHORAGE REQ'D
- ST'D GR-MGS2 TANGENT END TERMINAL REQ'D

RFP
CONCEPTUAL
PLANS
DATE: 08/03/2018

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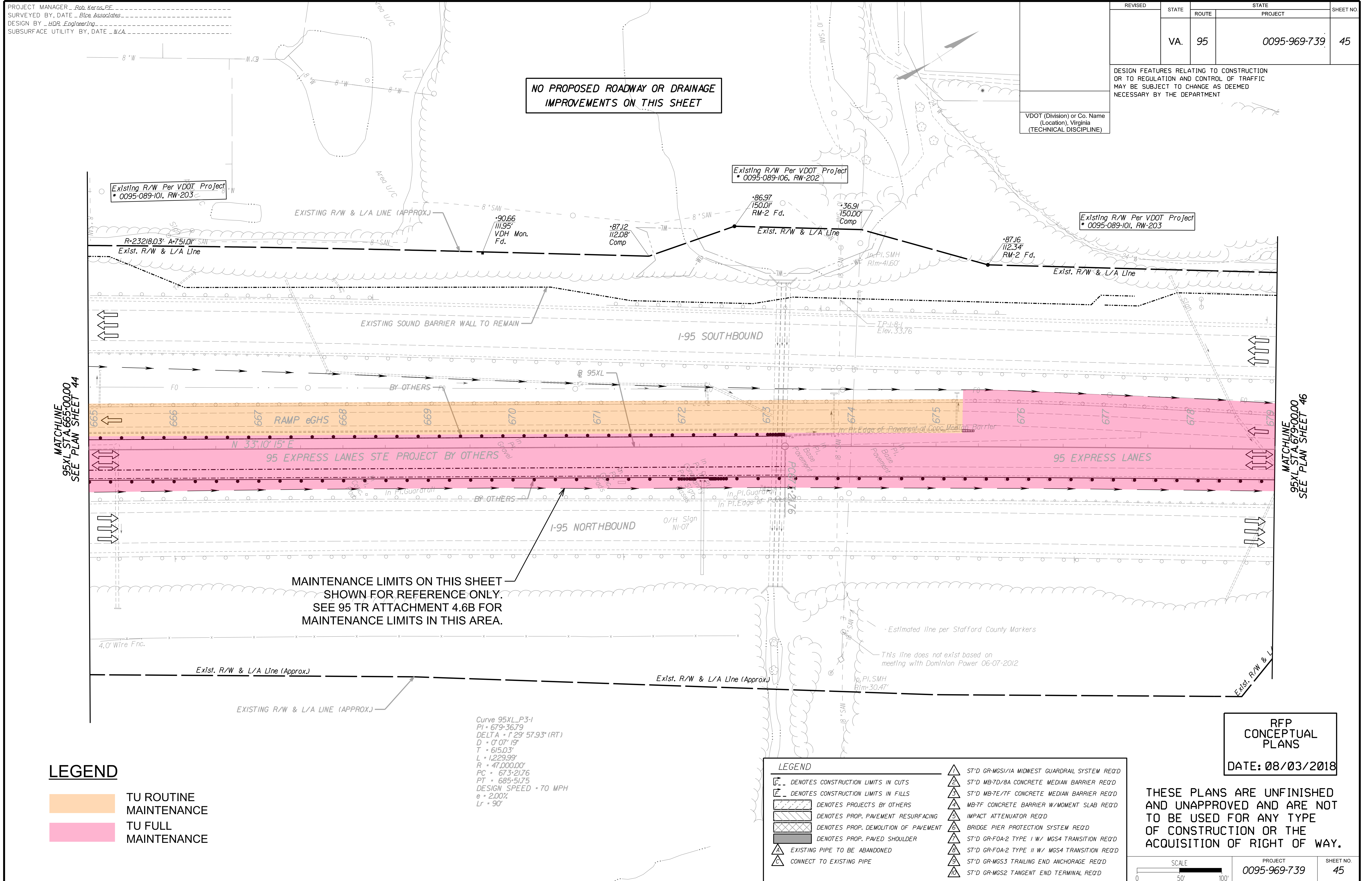
PROJECT MANAGER - Rob. Keras, PE
SURVEYED BY, DATE - Blca. Associates
DESIGN BY - HDR Engineering
SUBSURFACE UTILITY BY, DATE - N/A

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	95	0095-969-739	45

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT (Division) or Co. Name
(Location), Virginia
(TECHNICAL DISCIPLINE)

NO PROPOSED ROADWAY OR DRAINAGE IMPROVEMENTS ON THIS SHEET



LEGEND

- TU ROUTINE MAINTENANCE
- TU FULL MAINTENANCE

RFP CONCEPTUAL PLANS
DATE: 08/03/2018

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 0095-969-739	SHEET NO. 45
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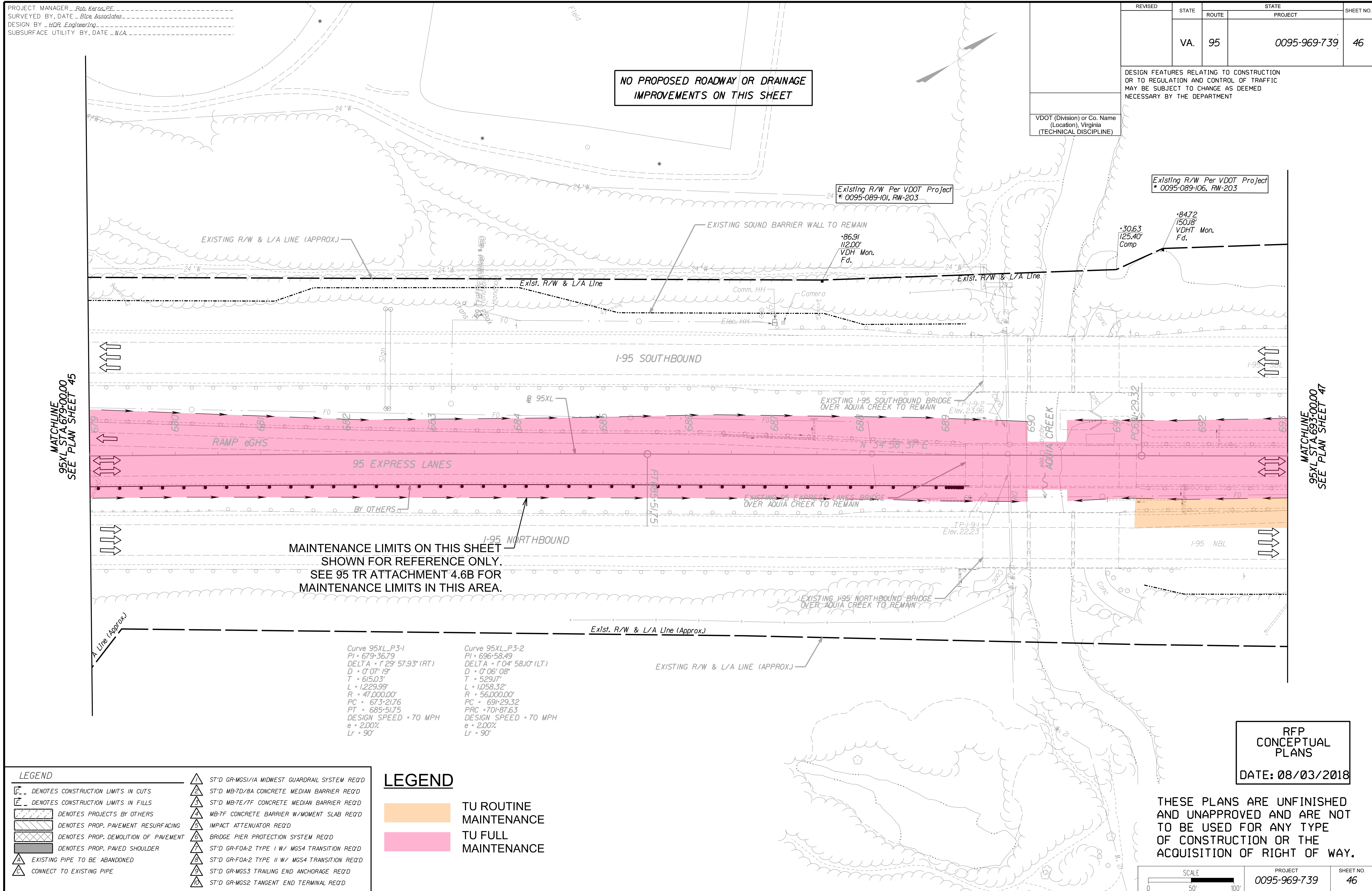
PROJECT MANAGER: Rob. Keras, P.E.
SURVEYED BY, DATE: Blca Associates
DESIGN BY: HDR Engineering
SUBSURFACE UTILITY BY, DATE: N/A

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	95	0095-969-739	46

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)

NO PROPOSED ROADWAY OR DRAINAGE IMPROVEMENTS ON THIS SHEET



MAINTENANCE LIMITS ON THIS SHEET SHOWN FOR REFERENCE ONLY. SEE 95 TR ATTACHMENT 4.6B FOR MAINTENANCE LIMITS IN THIS AREA.

Curve 95XL_P3-1
PI = 679+36.79
DELTA = 1° 29' 57.93" (RT)
D = 0' 07" 19"
T = 615.03'
L = 1229.99'
R = 47,000.00'
PC = 673+21.76
PT = 685+51.75
DESIGN SPEED = 70 MPH
e = 2.00%
Lr = 90'

Curve 95XL_P3-2
PI = 696+58.49
DELTA = 1° 04' 58.10" (LT)
D = 0' 06" 08"
T = 529.17'
L = 1058.32'
R = 56,000.00'
PC = 691+29.32
PT = 701+87.63
DESIGN SPEED = 70 MPH
e = 2.00%
Lr = 90'

LEGEND

	ST'D GR-MGS1/A MIDWEST GUARDRAIL SYSTEM REQ'D
	ST'D MB-7D/8A CONCRETE MEDIAN BARRIER REQ'D
	ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
	MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
	IMPACT ATTENUATOR REQ'D
	BRIDGE PIER PROTECTION SYSTEM REQ'D
	ST'D GR-FOA-2 TYPE I W/ MGS4 TRANSITION REQ'D
	ST'D GR-FOA-2 TYPE II W/ MGS4 TRANSITION REQ'D
	ST'D GR-MGS3 TRAILING END ANCHORAGE REQ'D
	ST'D GR-MGS2 TANGENT END TERMINAL REQ'D

LEGEND

	TU ROUTINE MAINTENANCE
	TU FULL MAINTENANCE

RFP CONCEPTUAL PLANS
DATE: 08/03/2018

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 0095-969-739	SHEET NO. 46
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PROJECT MANAGER Rob Keras, PE
SURVEYED BY, DATE Bice Associates
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	95	0095-969-739	47

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT (Division) or Co. Name
(Location), Virginia
(TECHNICAL DISCIPLINE)

Curve 95XL_P3-2
PI = 696+58.49
DELTA = 1° 04' 58.10" (LT)
D = 0' 06" 08"
T = 529.17'
L = 1058.32'
R = 56,000.00'
PC = 691+29.32
PRC = 701+87.63
DESIGN SPEED = 70 MPH
e = 2.00%
Lr = 90'

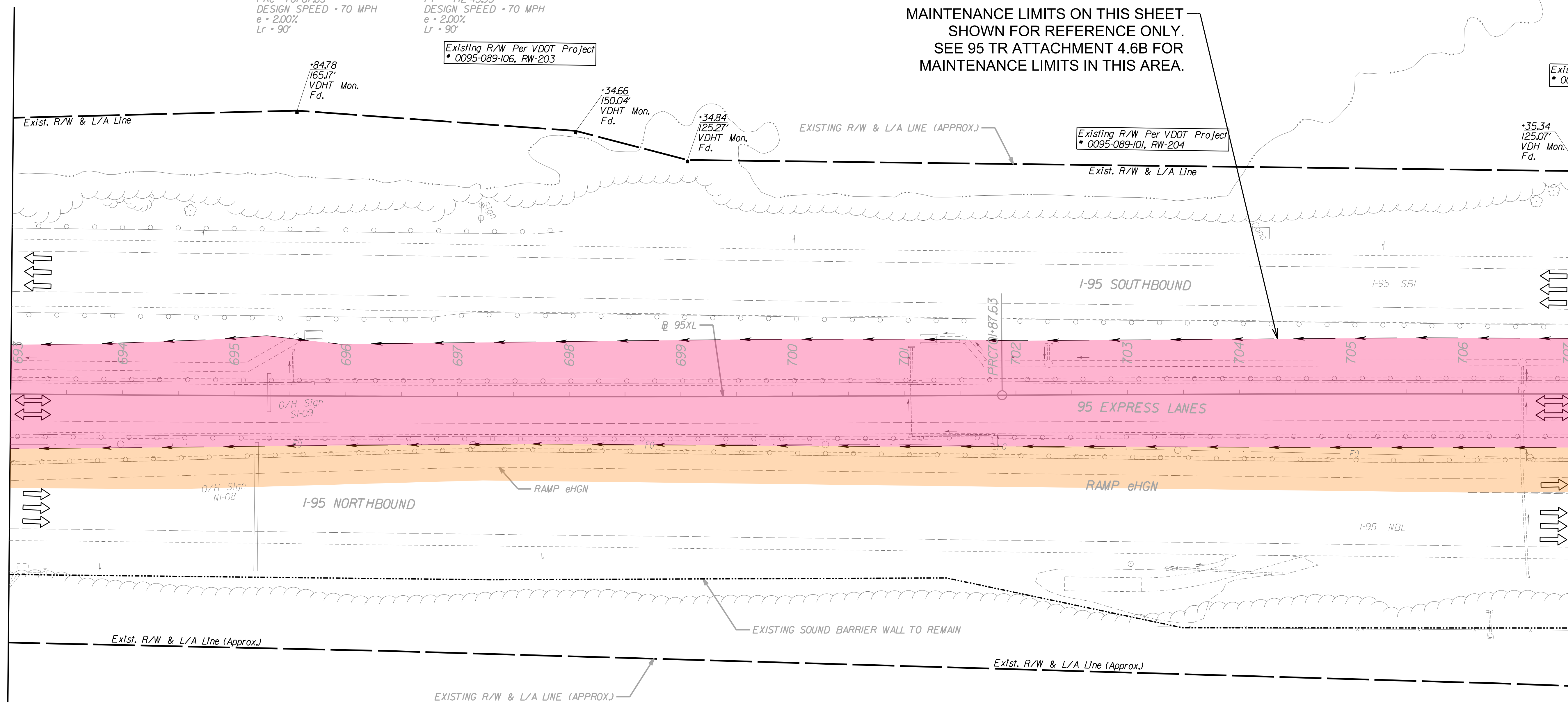
Curve 95XL_P3-3
PI = 707+16.81
DELTA = 1° 04' 58.10" (RT)
D = 0' 06" 08"
T = 529.17'
L = 1058.32'
R = 56,000.00'
PRC = 701+87.63
PT = 712+45.95
DESIGN SPEED = 70 MPH
e = 2.00%
Lr = 90'

NO PROPOSED ROADWAY OR DRAINAGE IMPROVEMENTS ON THIS SHEET

MAINTENANCE LIMITS ON THIS SHEET SHOWN FOR REFERENCE ONLY. SEE 95 TR ATTACHMENT 4.6B FOR MAINTENANCE LIMITS IN THIS AREA.

MATCHLINE
95XL STA. 693+00.00
SEE PLAN SHEET 46

MATCHLINE
95XL STA. 707+00.00
SEE PLAN SHEET 48



LEGEND

	ST'D GR-MGS1/A MIDWEST GUARDRAIL SYSTEM REQ'D
	ST'D MB-7D/BA CONCRETE MEDIAN BARRIER REQ'D
	ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
	MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
	IMPACT ATTENUATOR REQ'D
	BRIDGE PIER PROTECTION SYSTEM REQ'D
	ST'D GR-FOA-2 TYPE I W/ MGS4 TRANSITION REQ'D
	ST'D GR-FOA-2 TYPE II W/ MGS4 TRANSITION REQ'D
	ST'D GR-MGS3 TRAILING END ANCHORAGE REQ'D
	ST'D GR-MGS2 TANGENT END TERMINAL REQ'D

LEGEND

	TU ROUTINE MAINTENANCE
	TU FULL MAINTENANCE

RFP
CONCEPTUAL
PLANS
DATE: 08/03/2018

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 0095-969-739	SHEET NO. 47
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PROJECT MANAGER: Rob. Keras, PE
SURVEYED BY, DATE: Bice Associates
DESIGN BY: HDR Engineering
SUBSURFACE UTILITY BY, DATE: N/A

LEGEND

- TU ROUTINE MAINTENANCE
- TU FULL MAINTENANCE

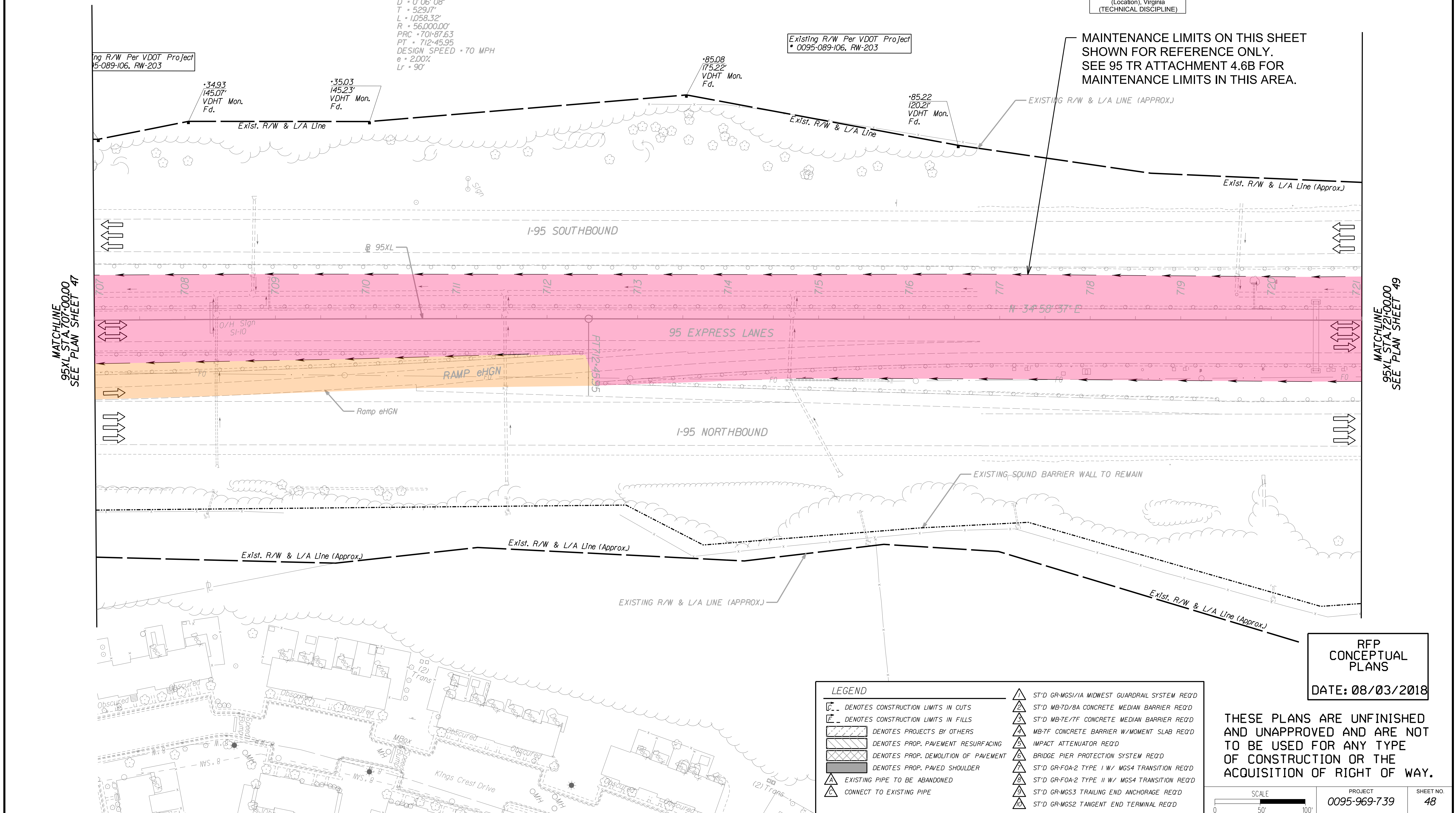
NO PROPOSED ROADWAY OR DRAINAGE IMPROVEMENTS ON THIS SHEET

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	95	0095-969-739	48

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)

Curve 95XL_P3-3
PI = 707+16.81
DELTA = 1° 04' 58.10" (RT)
D = 0' 06" 08"
T = 529.17'
L = 1058.32'
R = 56,000.00'
PRC = 701+87.63
PT = 712+45.95
DESIGN SPEED = 70 MPH
e = 2.00%
Lr = 90'



MAINTENANCE LIMITS ON THIS SHEET SHOWN FOR REFERENCE ONLY. SEE 95 TR ATTACHMENT 4.6B FOR MAINTENANCE LIMITS IN THIS AREA.

MATCHLINE 95XL STA. 707+00.00 SEE PLAN SHEET 47

MATCHLINE 95XL STA. 721+00.00 SEE PLAN SHEET 49

LEGEND

	DENOTES CONSTRUCTION LIMITS IN CUTS		ST'D GR-MGS1/IA MIDWEST GUARDRAIL SYSTEM REQ'D
	DENOTES CONSTRUCTION LIMITS IN FILLS		ST'D MB-7D/BA CONCRETE MEDIAN BARRIER REQ'D
	DENOTES PROJECTS BY OTHERS		ST'D MB-7E/TF CONCRETE MEDIAN BARRIER REQ'D
	DENOTES PROP. PAVEMENT RESURFACING		MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
	DENOTES PROP. DEMOLITION OF PAVEMENT		IMPACT ATTENUATOR REQ'D
	DENOTES PROP. PAVED SHOULDER		BRIDGE PIER PROTECTION SYSTEM REQ'D
	EXISTING PIPE TO BE ABANDONED		ST'D GR-FOA-2 TYPE I W/ MGS4 TRANSITION REQ'D
	CONNECT TO EXISTING PIPE		ST'D GR-FOA-2 TYPE II W/ MGS4 TRANSITION REQ'D
			ST'D GR-MGS3 TRAILING END ANCHORAGE REQ'D
			ST'D GR-MGS2 TANGENT END TERMINAL REQ'D

RFP CONCEPTUAL PLANS
DATE: 08/03/2018

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 Rob. Keras, PE
SURVEYED BY, DATE Btce Associates
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	95	0095-969-739	49

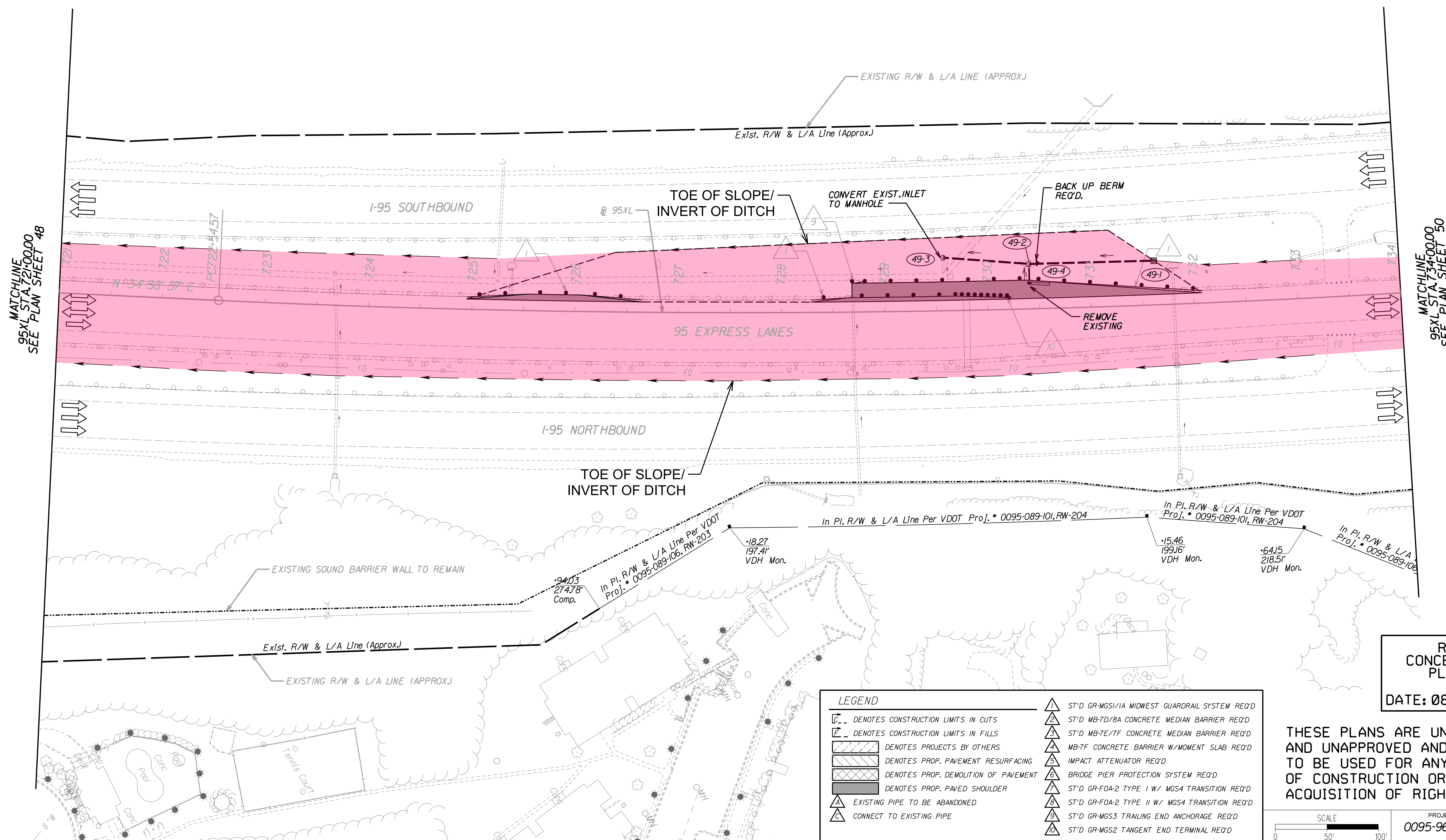
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)

LEGEND

- TU ROUTINE MAINTENANCE
- TU FULL MAINTENANCE

Curve 95XL_P3-4
PI = 742.86.39
DELTA = 21° 26' 34.95" (LT)
D = 0° 32' 02"
T = 2.031.82'
L = 4.016.10'
R = 10731.00'
PC = 722.54.57
PT = 762.70.67
DESIGN SPEED = 70 MPH
e = -2.00%
Lr = 90'



LEGEND	
	ST'D GR-MGS1/A MIDWEST GUARDRAIL SYSTEM REQ'D
	ST'D MB-7D/8A CONCRETE MEDIAN BARRIER REQ'D
	ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
	MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
	IMPACT ATTENUATOR REQ'D
	BRIDGE PIER PROTECTION SYSTEM REQ'D
	ST'D GR-FOA-2 TYPE I W/ MGS4 TRANSITION REQ'D
	ST'D GR-FOA-2 TYPE II W/ MGS4 TRANSITION REQ'D
	ST'D GR-MGS3 TRAILING END ANCHORAGE REQ'D
	ST'D GR-MGS2 TANGENT END TERMINAL REQ'D

RFP
CONCEPTUAL
PLANS
DATE: 08/03/2018

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 0095-969-739	SHEET NO. 49
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PROJECT MANAGER Rob. Keras, PE
SURVEYED BY, DATE Bice Associates
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

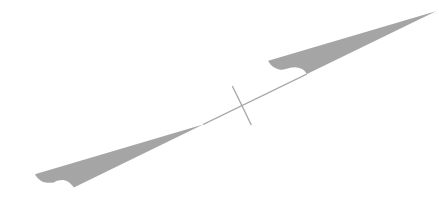
REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	95	0095-969-739	50

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)

LEGEND

- TU ROUTINE MAINTENANCE
- TU FULL MAINTENANCE



Curve 95XL_P3-4
PI • 742-86.39
DELTA • 21° 26' 34.95" (LT)
D • 0' 32" 02"
T • 2031.82'
L • 4016.10'
R • 10731.00'
PC • 722-54.57
PT • 762-70.67
DESIGN SPEED • 70 MPH
e • -2.00%
Lr • 90'

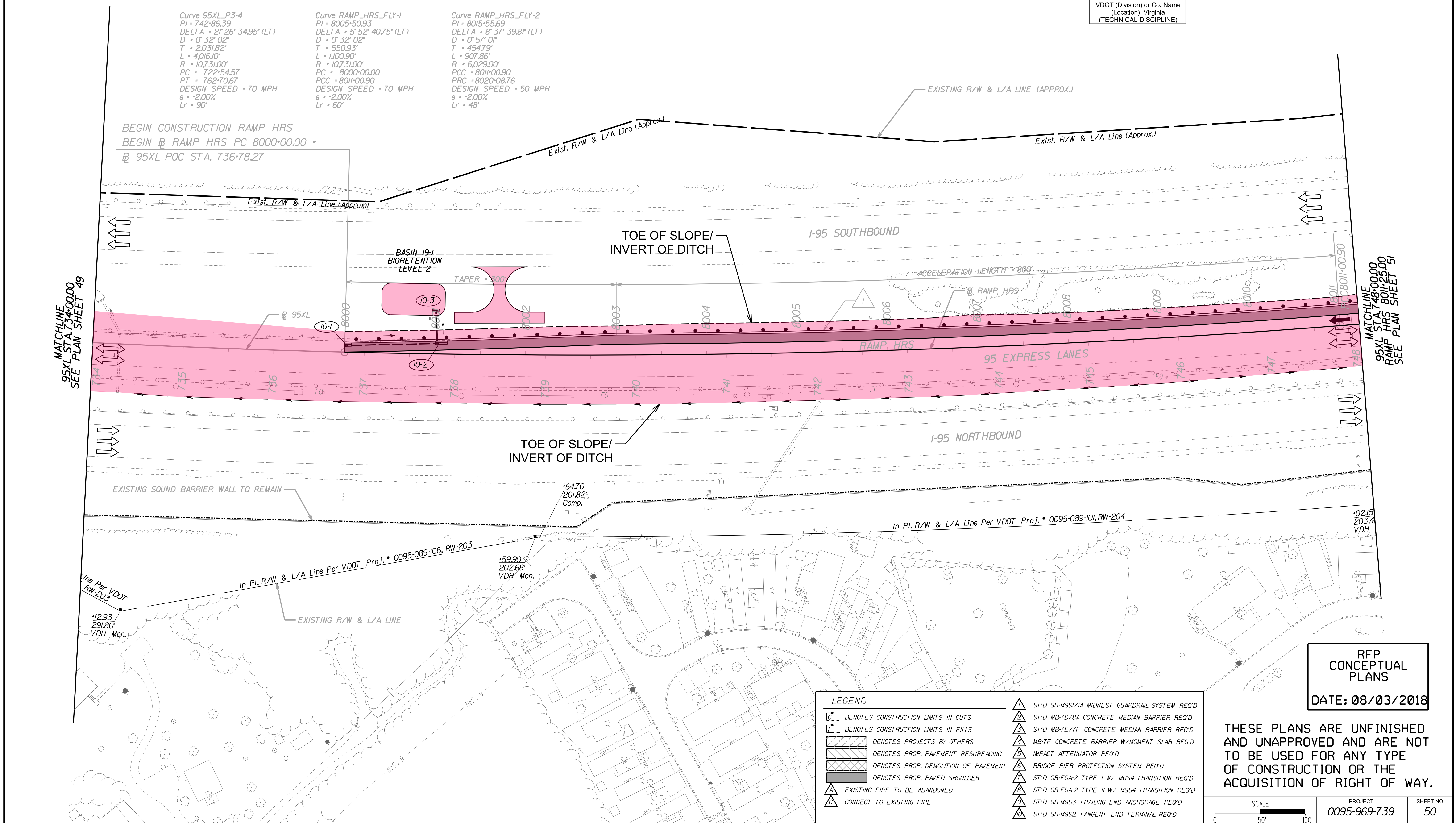
Curve RAMP_HRS_FLY-1
PI • 8005-50.93
DELTA • 5° 52' 40.75" (LT)
D • 0' 32" 02"
T • 550.93'
L • 1100.90'
R • 10731.00'
PC • 8000-00.00
PCC • 8011-00.90
DESIGN SPEED • 70 MPH
e • -2.00%
Lr • 60'

Curve RAMP_HRS_FLY-2
PI • 8015-55.69
DELTA • 8° 37' 39.81" (LT)
D • 0' 57" 01"
T • 454.79'
L • 907.86'
R • 6029.00'
PCC • 8011-00.90
PRC • 8020-08.76
DESIGN SPEED • 50 MPH
e • -2.00%
Lr • 48'

BEGIN CONSTRUCTION RAMP HRS
BEGIN @ RAMP HRS PC 8000-00.00 =
@ 95XL POC STA. 736-78.27

MATCHLINE
95XL STA 734+00.00
SEE PLAN SHEET 49

MATCHLINE
95XL STA 748+00.00
RAMP HRS 8011+35.00
SEE PLAN SHEET 51



LEGEND

	DENOTES CONSTRUCTION LIMITS IN CUTS		ST'D GR-MGS1/A MIDWEST GUARDRAIL SYSTEM REQ'D
	DENOTES CONSTRUCTION LIMITS IN FILLS		ST'D MB-7D/8A CONCRETE MEDIAN BARRIER REQ'D
	DENOTES PROJECTS BY OTHERS		ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
	DENOTES PROP. PAVEMENT RESURFACING		MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
	DENOTES PROP. DEMOLITION OF PAVEMENT		IMPACT ATTENUATOR REQ'D
	DENOTES PROP. PAVED SHOULDER		BRIDGE PIER PROTECTION SYSTEM REQ'D
	EXISTING PIPE TO BE ABANDONED		ST'D GR-FOA-2 TYPE I W/ MGS4 TRANSITION REQ'D
	CONNECT TO EXISTING PIPE		ST'D GR-FOA-2 TYPE II W/ MGS4 TRANSITION REQ'D
			ST'D GR-MGS3 TRAILING END ANCHORAGE REQ'D
			ST'D GR-MGS2 TANGENT END TERMINAL REQ'D

RFP
CONCEPTUAL
PLANS
DATE: 08/03/2018

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 0095-969-739	SHEET NO. 50
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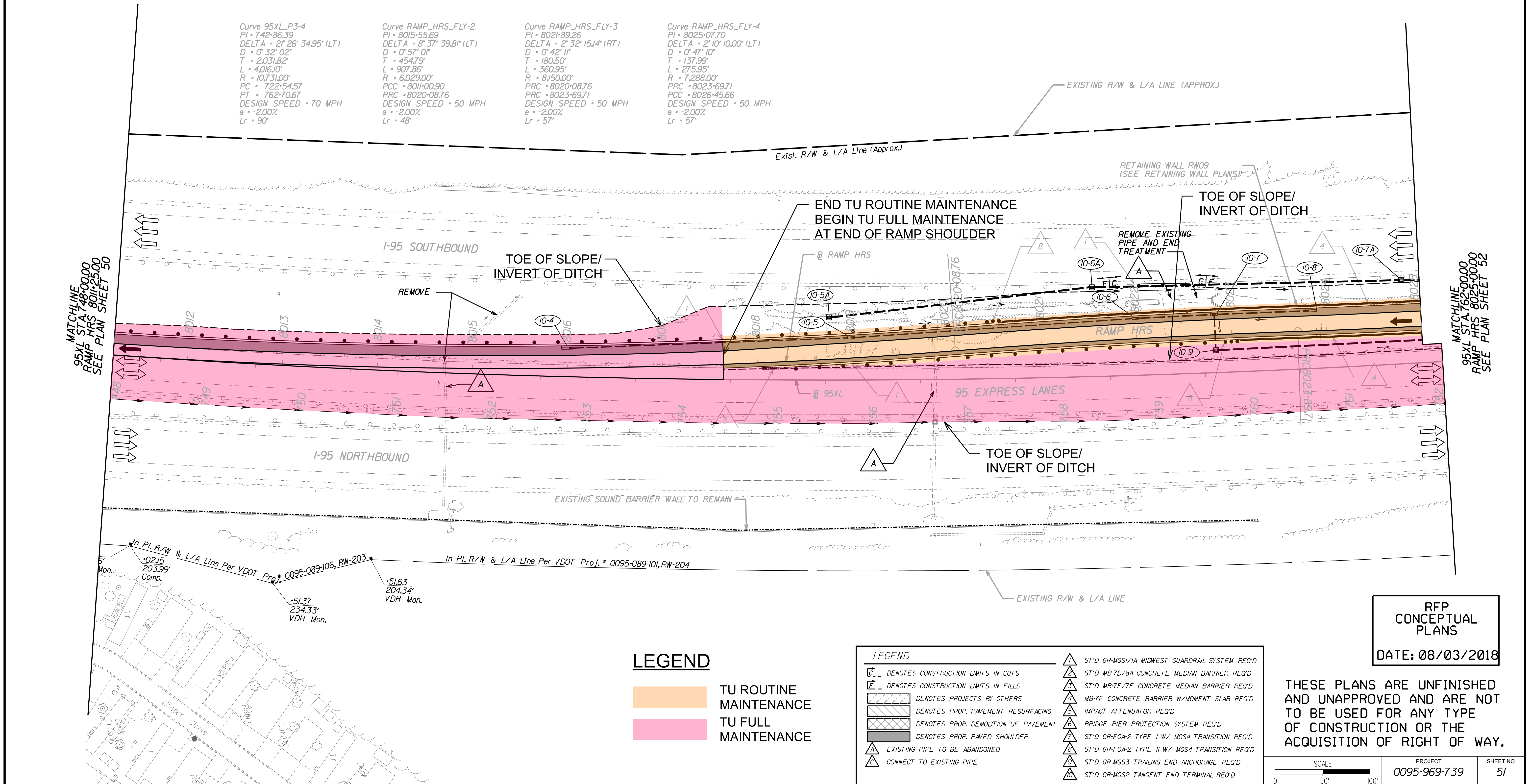
PROJECT MANAGER - Rob. Keras, PE
SURVEYED BY, DATE - Blca. Associates
DESIGN BY - HDR Engineering
SUBSURFACE UTILITY BY, DATE - N/A

REVISED	STATE		PROJECT	SHEET NO.
	VA.	ROUTE		
		95	0095-969-739	51

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)

<p>Curve 95XL_P3-4 PI • 742-86.39 DELTA • 2° 26' 34.95" (LT) D • 0° 32' 02" T • 2,031.82' L • 4,016.10' R • 10,731.00' PC • 722-54.57 PT • 762-70.67 DESIGN SPEED • 70 MPH e • -2.00% Lr • 90'</p>	<p>Curve RAMP_HRS_FLY-2 PI • 8015-55.69 DELTA • 8° 37' 39.81" (LT) D • 0° 57' 01" T • 454.79' L • 907.86' R • 6,029.00' PCC • 8011-00.90 PRC • 8020-08.76 DESIGN SPEED • 50 MPH e • -2.00% Lr • 48'</p>	<p>Curve RAMP_HRS_FLY-3 PI • 8021-89.26 DELTA • 2° 32' 15.14" (RT) D • 0° 42' 11" T • 180.50' L • 360.95' R • 8,150.00' PCC • 8020-08.76 PRC • 8023-69.71 DESIGN SPEED • 50 MPH e • -2.00% Lr • 57'</p>	<p>Curve RAMP_HRS_FLY-4 PI • 8025-07.70 DELTA • 2° 10' 10.00" (LT) D • 0° 47' 10" T • 137.99' L • 275.95' R • 7,288.00' PCC • 8023-69.71 PRC • 8026-45.65 DESIGN SPEED • 50 MPH e • -2.00% Lr • 57'</p>
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MATCHLINE
95XL STA 748+00.00
RAMP HRS 801+25.00
SEE PLAN SHEET 50

MATCHLINE
95XL STA 762+00.00
RAMP HRS 8025+00.00
SEE PLAN SHEET 52

LEGEND

TU ROUTINE MAINTENANCE

TU FULL MAINTENANCE

LEGEND	
	DENOTES CONSTRUCTION LIMITS IN CUTS
	DENOTES CONSTRUCTION LIMITS IN FILLS
	DENOTES PROJECTS BY OTHERS
	DENOTES PROP. PAVEMENT RESURFACING
	DENOTES PROP. DEMOLITION OF PAVEMENT
	DENOTES PROP. PAVED SHOULDER
	EXISTING PIPE TO BE ABANDONED
	CONNECT TO EXISTING PIPE
	ST'D GR-MGS1/A MIDWEST GUARDRAIL SYSTEM REQ'D
	ST'D MB-7D/8A CONCRETE MEDIAN BARRIER REQ'D
	ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
	MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
	IMPACT ATTENUATOR REQ'D
	BRIDGE PIER PROTECTION SYSTEM REQ'D
	ST'D GR-FOA-2 TYPE I W/ MGS4 TRANSITION REQ'D
	ST'D GR-FOA-2 TYPE II W/ MGS4 TRANSITION REQ'D
	ST'D GR-MGS3 TRAILING END ANCHORAGE REQ'D
	ST'D GR-MGS2 TANGENT END TERMINAL REQ'D

RFP CONCEPTUAL PLANS
DATE: 08/03/2018

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 0095-969-739	SHEET NO. 51
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PROJECT MANAGER - Rob. Keras, PE
SURVEYED BY, DATE - Blca Associates
DESIGN BY - HDR Engineering
SUBSURFACE UTILITY BY, DATE - N/A

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	95	0095-969-739	52

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT (Division) or Co. Name
(Location), Virginia
(TECHNICAL DISCIPLINE)

Curve 95XL_P3-4
PI • 742-86.39
DELTA • 21° 26' 34.95" (LT)
D • 0' 32' 02"
T • 2.03182'
L • 4.01610'
R • 10.73100'
PC • 722-54.57
PT • 762-70.67
DESIGN SPEED • 70 MPH
e • -2.00%
Lr • 90'

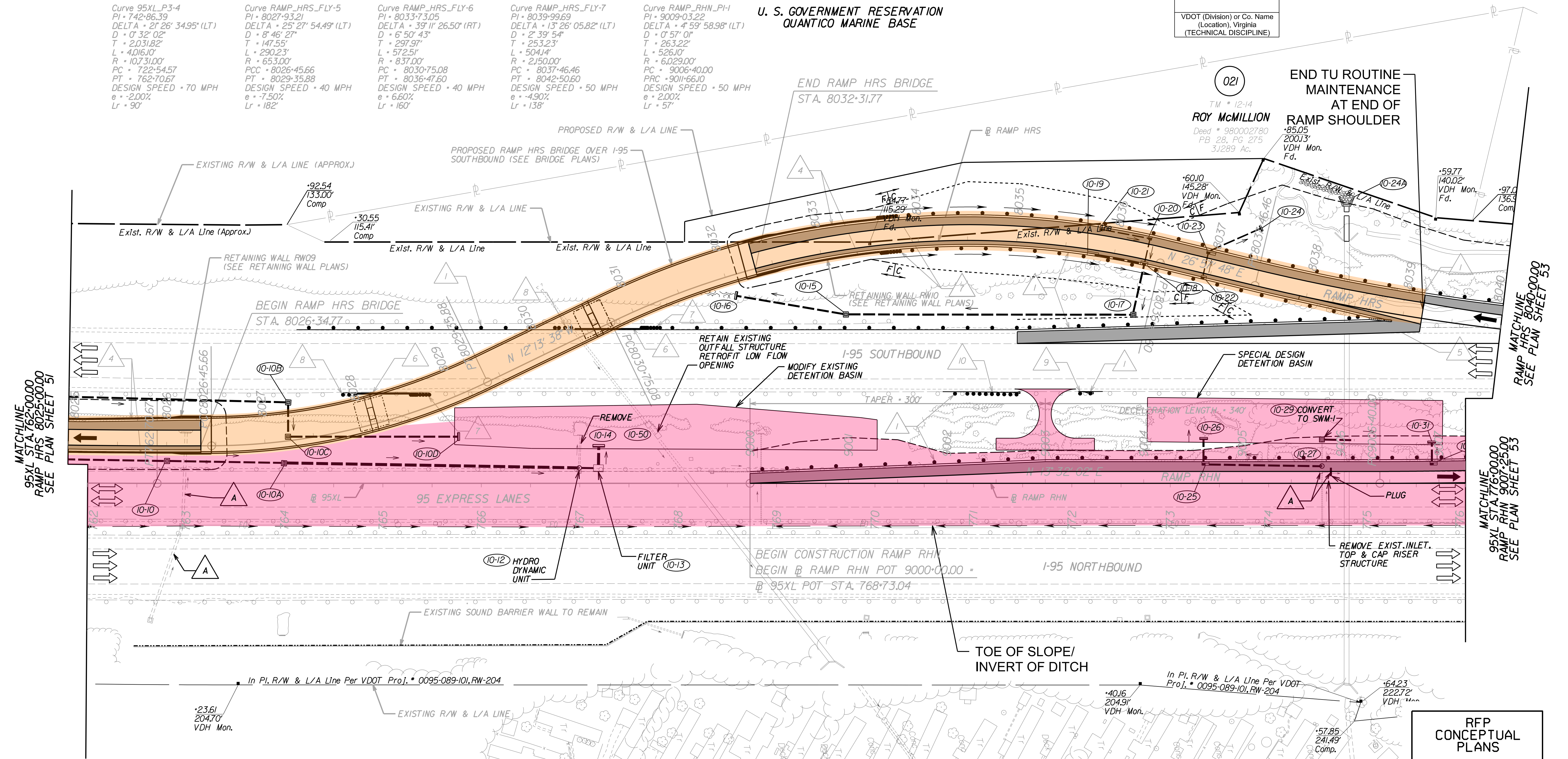
Curve RAMP_HRS_FLY-5
PI • 8027-93.21
DELTA • 25° 27' 54.49" (LT)
D • 8' 46' 27"
T • 147.55'
L • 290.23'
R • 653.00'
PCC • 8026-45.66
PT • 8029-35.88
DESIGN SPEED • 40 MPH
e • -7.50%
Lr • 182'

Curve RAMP_HRS_FLY-6
PI • 8033-73.05
DELTA • 39° 11' 26.50" (RT)
D • 6' 50' 43"
T • 297.97'
L • 572.51'
R • 837.00'
PC • 8030-75.08
PT • 8036-47.60
DESIGN SPEED • 40 MPH
e • 6.60%
Lr • 160'

Curve RAMP_HRS_FLY-7
PI • 8039-99.69
DELTA • 13° 26' 05.82" (LT)
D • 2' 39' 54"
T • 253.23'
L • 504.14'
R • 2150.00'
PC • 8037-46.46
PT • 8042-50.60
DESIGN SPEED • 50 MPH
e • -4.90%
Lr • 138'

Curve RAMP_RHN_PI-1
PI • 9009-03.22
DELTA • 4° 59' 58.98" (LT)
D • 0' 57' 01"
T • 263.22'
L • 526.10'
R • 6029.00'
PC • 9006-40.00
PRC • 9011-66.10
DESIGN SPEED • 50 MPH
e • 2.00%
Lr • 57'

U. S. GOVERNMENT RESERVATION
QUANTICO MARINE BASE



LEGEND

- TU ROUTINE MAINTENANCE
- TU FULL MAINTENANCE

LEGEND

- DENOTES CONSTRUCTION LIMITS IN CUTS
- DENOTES CONSTRUCTION LIMITS IN FILLS
- DENOTES PROJECTS BY OTHERS
- DENOTES PROP. PAVEMENT RESURFACING
- DENOTES PROP. DEMOLITION OF PAVEMENT
- DENOTES PROP. PAVED SHOULDER
- EXISTING PIPE TO BE ABANDONED
- CONNECT TO EXISTING PIPE
- ST'D GR-MGS1/A MIDWEST GUARDRAIL SYSTEM REQ'D
- ST'D MB-7D/8A CONCRETE MEDIAN BARRIER REQ'D
- ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
- MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
- IMPACT ATTENUATOR REQ'D
- BRIDGE PIER PROTECTION SYSTEM REQ'D
- ST'D GR-FOA-2 TYPE I W/ MGS4 TRANSITION REQ'D
- ST'D GR-FOA-2 TYPE II W/ MGS4 TRANSITION REQ'D
- ST'D GR-MGS3 TRAILING END ANCHORAGE REQ'D
- ST'D GR-MGS2 TANGENT END TERMINAL REQ'D

RFP
CONCEPTUAL
PLANS
DATE: 08/03/2018

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'	0095-969-739	52

PROJECT MANAGER - Rob. Keras, PE
SURVEYED BY, DATE - Blca. Associates
DESIGN BY - HDR Engineering
SUBSURFACE UTILITY BY, DATE - N/A

Curve RAMP_RHN_PI-1
PI - 9009+03.22
DELTA = 4°59'58.98" (LT)
D = 0°57'01"
T = 263.22'
L = 526.10'
R = 6029.00'
PC = 9006+40.00
PRC = 9011+66.10
DESIGN SPEED = 50 MPH
e = 2.00%
Lr = 57'

Curve RAMP_RHN_PI-2
PI - 9015+22.05
DELTA = 5°00'05.73" (RT)
D = 0°42'11"
T = 355.95'
L = 711.45'
R = 8150.00'
PC = 9011+66.10
PRC = 9018+77.55
DESIGN SPEED = 50 MPH
e = 2.30%
Lr = 65'

Curve RAMP_HRS_FLY-7
PI - 8039+99.69
DELTA = 13°26'05.82" (LT)
D = 2°39'54"
T = 253.23'
L = 504.14'
R = 2150.00'
PC = 8037+46.46
PRC = 8042+50.60
DESIGN SPEED = 50 MPH
e = -4.90%
Lr = 138'

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	95	0095-969-739	53

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)

LEGEND

- TU ROUTINE MAINTENANCE
- TU FULL MAINTENANCE

U. S. GOVERNMENT RESERVATION
QUANTICO MARINE BASE

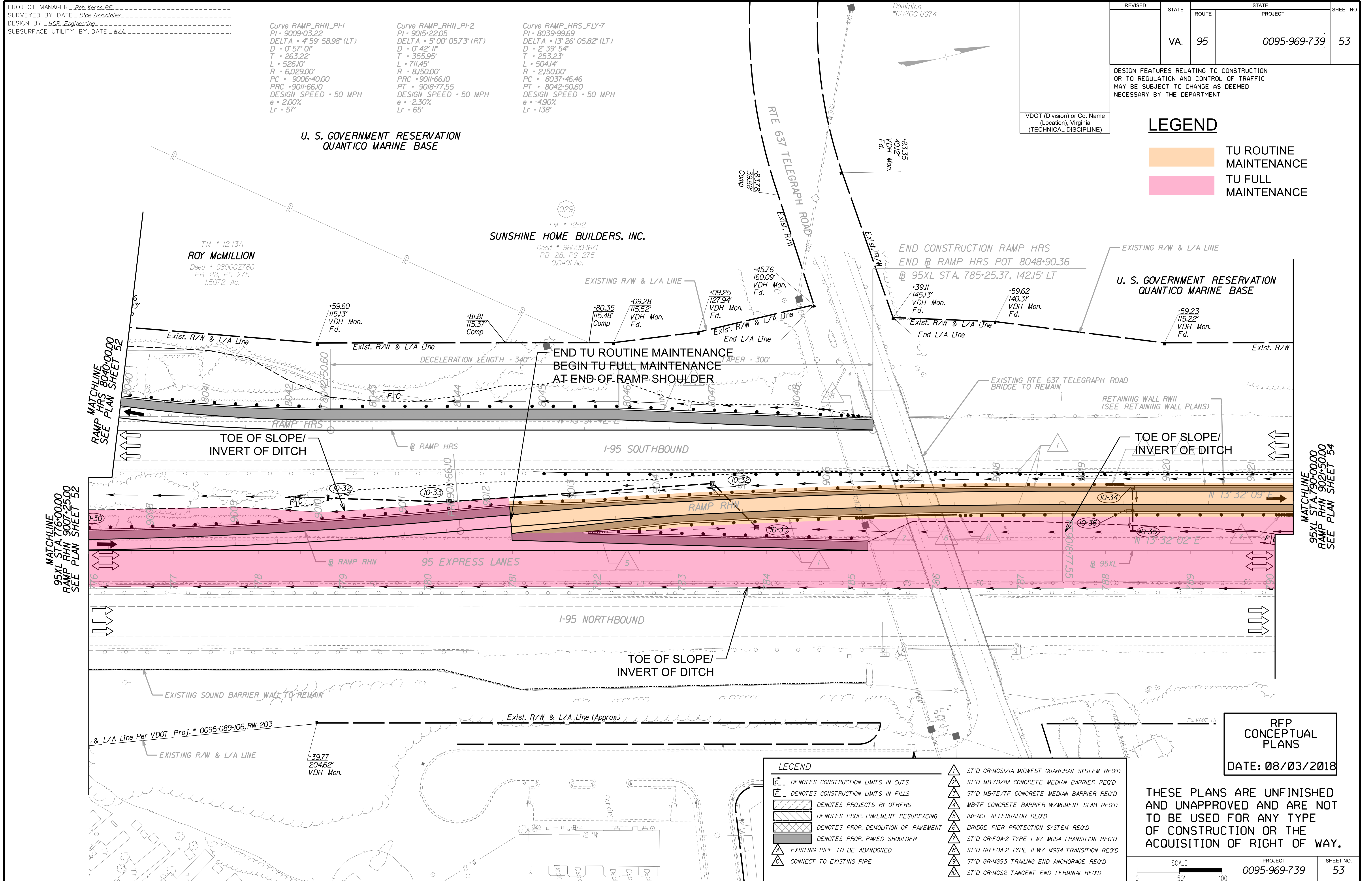
SUNSHINE HOME BUILDERS, INC.

TM * 12-13A
ROY McMILLION
Deed * 980002780
PB 28, PG 275
1.5072 Ac.

TM * 12-12
Deed * 960004671
PB 28, PG 275
0.0401 Ac.

END CONSTRUCTION RAMP HRS
END @ RAMP HRS POT 8048+90.36
@ 95XL STA. 785+25.37, 142J5' LT

U. S. GOVERNMENT RESERVATION
QUANTICO MARINE BASE



LEGEND

	DENOTES CONSTRUCTION LIMITS IN CUTS		ST'D GR-MGS1/IA MIDWEST GUARDRAIL SYSTEM REQ'D
	DENOTES CONSTRUCTION LIMITS IN FILLS		ST'D MB-7D/BA CONCRETE MEDIAN BARRIER REQ'D
	DENOTES PROJECTS BY OTHERS		ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
	DENOTES PROP. PAVEMENT RESURFACING		MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
	DENOTES PROP. DEMOLITION OF PAVEMENT		IMPACT ATTENUATOR REQ'D
	DENOTES PROP. PAVED SHOULDER		BRIDGE PIER PROTECTION SYSTEM REQ'D
	EXISTING PIPE TO BE ABANDONED		ST'D GR-FOA-2 TYPE 1 W/ MGS4 TRANSITION REQ'D
	CONNECT TO EXISTING PIPE		ST'D GR-FOA-2 TYPE 2 W/ MGS4 TRANSITION REQ'D
			ST'D GR-MGS3 TRAILING END ANCHORAGE REQ'D
			ST'D GR-MGS2 TANGENT END TERMINAL REQ'D

RFP
CONCEPTUAL
PLANS
DATE: 08/03/2018

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 0095-969-739	SHEET NO. 53
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PROJECT MANAGER Rob Keras, PE
SURVEYED BY DATE Bice Associates
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY DATE N/A

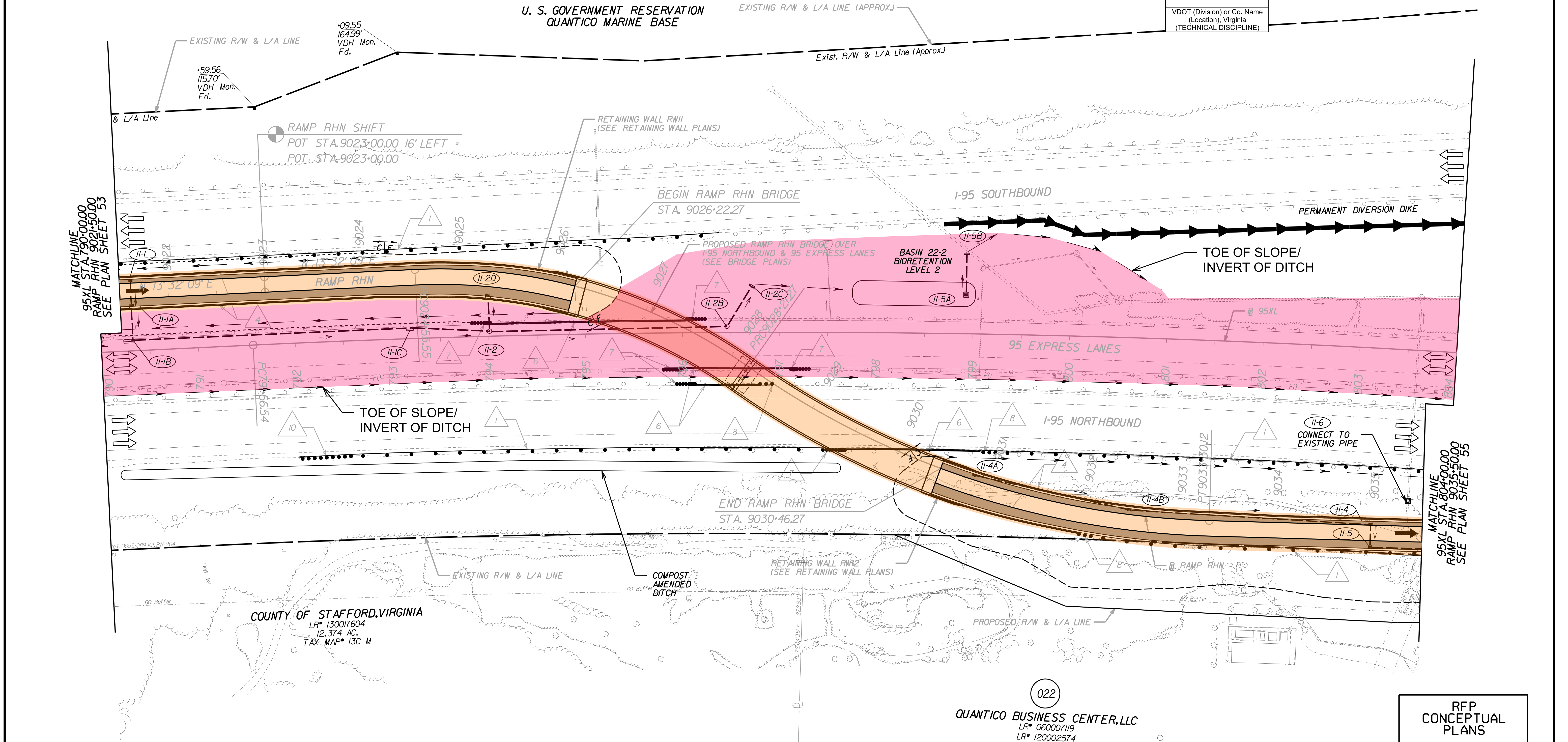
Curve RAMP_RHN_P2-1
PI = 902645.43
DELTA = 38° 01' 42.68" (RT)
D = 10° 23' 55"
T = 189.88'
L = 365.71'
R = 551.00'
PC = 902455.55
PRC = 902821.27
DESIGN SPEED = 40 MPH
e = 7.90%
Lr = 192'

Curve RAMP_RHN_P2-2
PI = 903083.28
DELTA = 33° 39' 59.49" (LT)
D = 6° 36' 58"
T = 262.01'
L = 506.85'
R = 865.00'
PC = 902821.27
PRC = 903330.12
DESIGN SPEED = 40 MPH
e = 6.50%
Lr = 158'

Curve 95XL_P3-5
PI = 820212.3
DELTA = 28° 04' 17.47" (RT)
D = 0° 30' 00"
T = 2864.63'
L = 5614.30'
R = 11459.16'
PC = 79156.54
PT = 84770.85
DESIGN SPEED = 70 MPH
e = 2.00%
Lr = 90'

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)



LEGEND

	ST'D GR-MGS1/A MIDWEST GUARDRAIL SYSTEM REQ'D
	ST'D MB-7D/BA CONCRETE MEDIAN BARRIER REQ'D
	ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
	MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
	IMPACT ATTENUATOR REQ'D
	BRIDGE PIER PROTECTION SYSTEM REQ'D
	ST'D GR-FOA-2 TYPE 1 W/ MGS4 TRANSITION REQ'D
	ST'D GR-FOA-2 TYPE 11 W/ MGS4 TRANSITION REQ'D
	ST'D GR-MGS3 TRAILING END ANCHORAGE REQ'D
	ST'D GR-MGS2 TANGENT END TERMINAL REQ'D

LEGEND

	TU ROUTINE MAINTENANCE
	TU FULL MAINTENANCE

RFP CONCEPTUAL PLANS
DATE: 08/03/2018

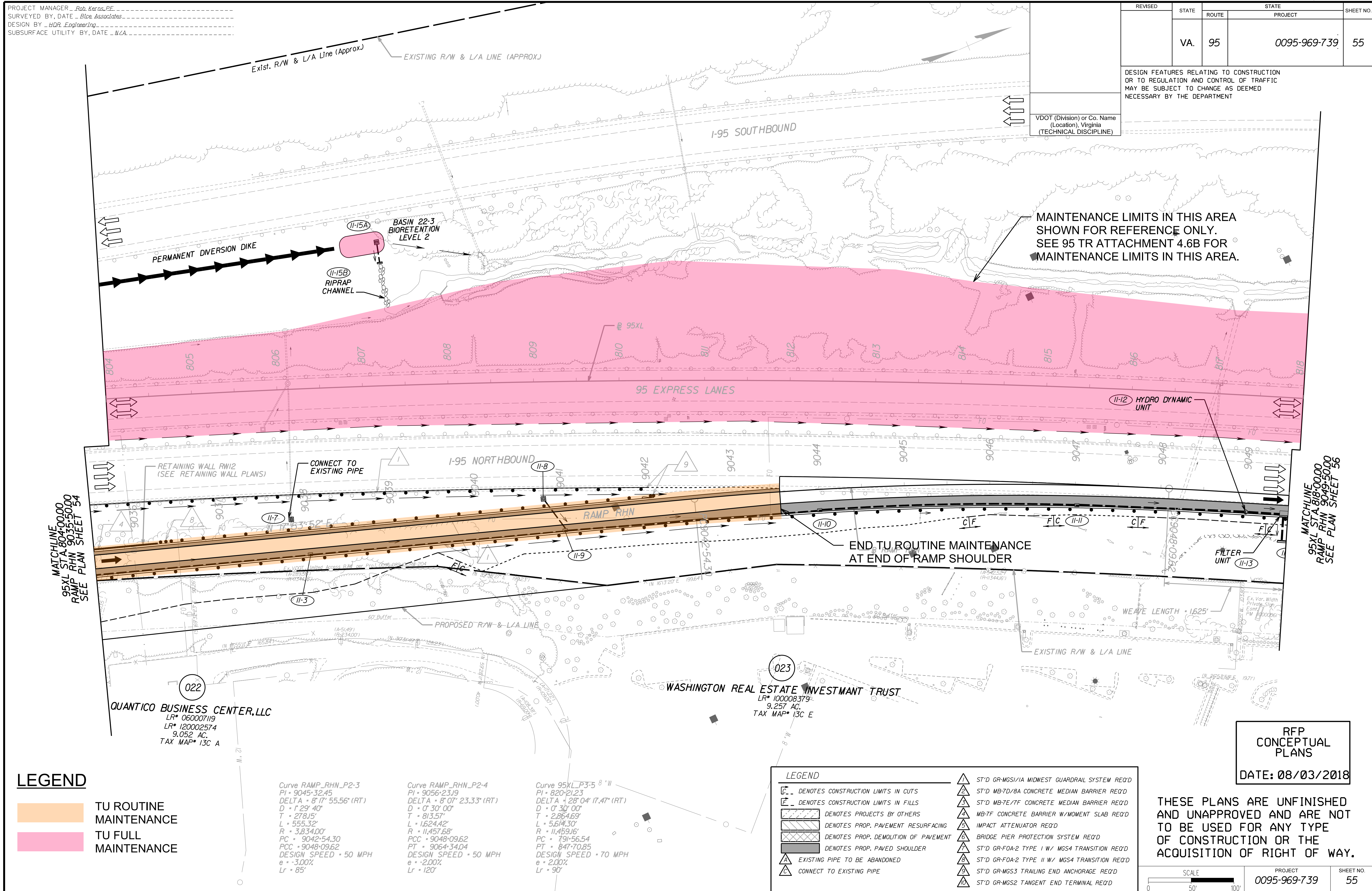
THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

PROJECT MANAGER - Rob. Keras, P.E.
SURVEYED BY, DATE - Blca Associates
DESIGN BY - HDR Engineering
SUBSURFACE UTILITY BY, DATE - N/A

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	95	0095-969-739	55

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)



MAINTENANCE LIMITS IN THIS AREA SHOWN FOR REFERENCE ONLY. SEE 95 TR ATTACHMENT 4.6B FOR MAINTENANCE LIMITS IN THIS AREA.

MATCHLINE
95XL STA 804+00.00
RAMP RHN 9035+50.00
SEE PLAN SHEET 54

MATCHLINE
95XL STA 818+00.00
RAMP RHN 9049+50.00
SEE PLAN SHEET 56

022
QUANTICO BUSINESS CENTER, LLC
LR* 060007119
LR* 120002574
9.052 AC.
TAX MAP* 13C A

023
WASHINGTON REAL ESTATE INVESTMENT TRUST
LR* 100008379
9.257 AC.
TAX MAP* 13C E

LEGEND

- TU ROUTINE MAINTENANCE
- TU FULL MAINTENANCE

Curve RAMP_RHN_P2-3
PI = 9045+32.45
DELTA = 8°17' 55.56" (RT)
D = 1°29' 40"
T = 278.15'
L = 555.32'
R = 3,834.00'
PC = 9042+54.30
PCC = 9048+09.62
DESIGN SPEED = 50 MPH
e = -3.00%
Lr = 85'

Curve RAMP_RHN_P2-4
PI = 9056+23.19
DELTA = 8°07' 23.33" (RT)
D = 0°30' 00"
T = 813.57'
L = 1,624.42'
R = 11,457.68'
PCC = 9048+09.62
PT = 9064+34.04
DESIGN SPEED = 50 MPH
e = -2.00%
Lr = 120'

Curve 95XL_P3-5 8° W
PI = 820+21.23
DELTA = 28°04' 17.47" (RT)
D = 0°30' 00"
T = 2,864.69'
L = 5,614.30'
R = 11,459.16'
PC = 791+56.54
PT = 847+70.85
DESIGN SPEED = 70 MPH
e = 2.00%
Lr = 90'

LEGEND

- DENOTES CONSTRUCTION LIMITS IN CUTS
- DENOTES CONSTRUCTION LIMITS IN FILLS
- DENOTES PROJECTS BY OTHERS
- DENOTES PROP. PAVEMENT RESURFACING
- DENOTES PROP. DEMOLITION OF PAVEMENT
- DENOTES PROP. PAVED SHOULDER
- EXISTING PIPE TO BE ABANDONED
- CONNECT TO EXISTING PIPE
- ST'D GR-MGS1/IA MIDWEST GUARDRAIL SYSTEM REQ'D
- ST'D MB-7D/BA CONCRETE MEDIAN BARRIER REQ'D
- ST'D MB-7E/TF CONCRETE MEDIAN BARRIER REQ'D
- MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
- IMPACT ATTENUATOR REQ'D
- BRIDGE PIER PROTECTION SYSTEM REQ'D
- ST'D GR-FOA-2 TYPE I W/ MGS4 TRANSITION REQ'D
- ST'D GR-FOA-2 TYPE II W/ MGS4 TRANSITION REQ'D
- ST'D GR-MGS3 TRAILING END ANCHORAGE REQ'D
- ST'D GR-MGS2 TANGENT END TERMINAL REQ'D

RFP
CONCEPTUAL
PLANS
DATE: 08/03/2018

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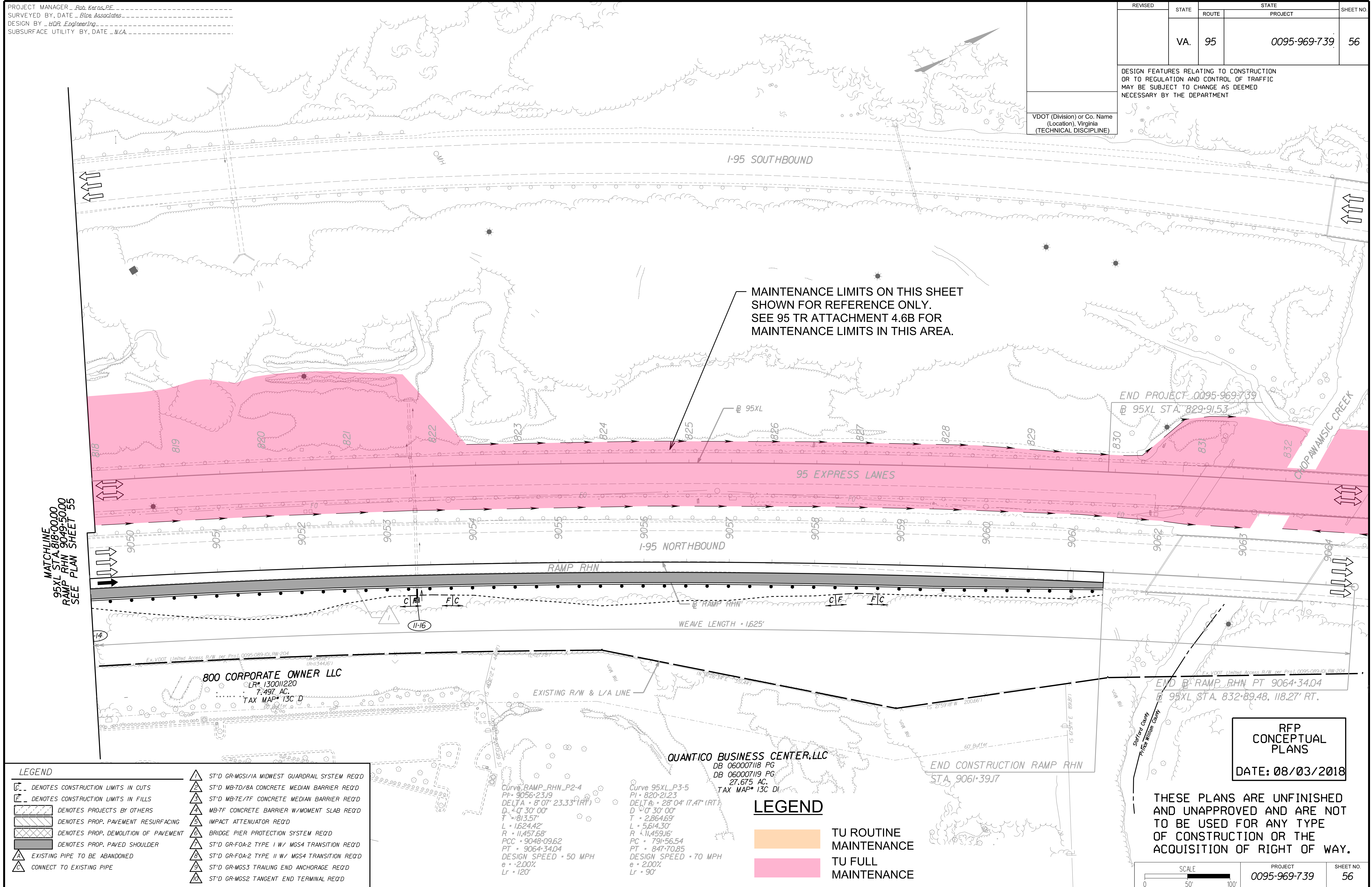
SCALE 0 50' 100'	PROJECT 0095-969-739	SHEET NO. 55
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PROJECT MANAGER: Rob. Keras, PE
SURVEYED BY, DATE: Blca Associates
DESIGN BY: HDR Engineering
SUBSURFACE UTILITY BY, DATE: N/A

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	95		0095-969-739	56

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT (Division) or Co. Name
(Location), Virginia
(TECHNICAL DISCIPLINE)



MAINTENANCE LIMITS ON THIS SHEET SHOWN FOR REFERENCE ONLY. SEE 95 TR ATTACHMENT 4.6B FOR MAINTENANCE LIMITS IN THIS AREA.

MATCHLINE
95XL STA. 818+00.00
RAMP RHN 9049+50.00
SEE PLAN SHEET 55

END PROJECT 0095-969-739
@ 95XL STA. 829+91.53

END @ RAMP RHN PT 9064+34.04
@ 95XL STA. 832+89.48, 118.27' RT.

800 CORPORATE OWNER LLC
LR# 130011220
7.497 AC.
TAX MAP# 13C D

QUANTICO BUSINESS CENTER, LLC
DB 060007118 PG
DB 060007119 PG
27.675 AC.
TAX MAP# 13C D1

END CONSTRUCTION RAMP RHN
STA. 9061+39.17

RFP CONCEPTUAL PLANS
DATE: 08/03/2018

LEGEND

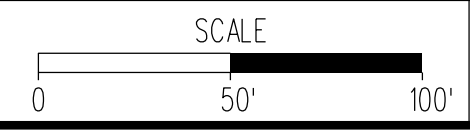
- DENOTES CONSTRUCTION LIMITS IN CUTS
- DENOTES CONSTRUCTION LIMITS IN FILLS
- DENOTES PROJECTS BY OTHERS
- DENOTES PROP. PAVEMENT RESURFACING
- DENOTES PROP. DEMOLITION OF PAVEMENT
- DENOTES PROP. PAVED SHOULDER
- EXISTING PIPE TO BE ABANDONED
- CONNECT TO EXISTING PIPE
- ST'D GR-MGS1/1A MIDWEST GUARDRAIL SYSTEM REQ'D
- ST'D MB-7D/8A CONCRETE MEDIAN BARRIER REQ'D
- ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
- MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
- IMPACT ATTENUATOR REQ'D
- BRIDGE PIER PROTECTION SYSTEM REQ'D
- ST'D GR-FOA-2 TYPE I W/ MGS4 TRANSITION REQ'D
- ST'D GR-FOA-2 TYPE II W/ MGS4 TRANSITION REQ'D
- ST'D GR-MGS3 TRAILING END ANCHORAGE REQ'D
- ST'D GR-MGS2 TANGENT END TERMINAL REQ'D

Curve: RAMP_RHN_P2-4
PI = 9056+23.19
DELTA = 8'07" 23.33" (RT)
D = 30' 30" 00"
T = 813.57'
L = 1624.42'
R = 11,457.68'
PCC = 9048+09.62
PT = 9064+34.04
DESIGN SPEED = 50 MPH
e = 2.00%
Lr = 120'

Curve: 95XL_P3-5
PI = 820+21.23
DELTA = 28'04" 17.47" (RT)
D = 30' 30" 00"
T = 286.469'
L = 5,614.30'
R = 11,459.16'
PC = 791+56.54
PT = 847+70.85
DESIGN SPEED = 70 MPH
e = 2.00%
Lr = 90'

LEGEND

- TU ROUTINE MAINTENANCE
- TU FULL MAINTENANCE



PROJECT	0095-969-739	SHEET NO.	56
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