

PROJECT MANAGER NAJEEBULLAH BEHNAM(434-459-9763)(CITY OF CHARLOTTESVILLE)
SURVEYED BY, DATE H&B Survey and Mapping, LLC, 11/11/2024
DESIGN BY Kimley-Horn & Associates, Inc.
SUBSURFACE UTILITY BY, DATE INFRAMAP CORP, 10/30/2024

FOR INDEX OF SHEETS SEE SHEET 1A

THIS PROJECT WAS DEVELOPED UTILIZING THE DEPARTMENT'S ENGINEERING DESIGN PACKAGE (OpenRoads Designer). COMPUTER IDENTIFICATION NO 118295.

WILLINGNESS PLANS

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

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT-OF-WAY SHOWN ON THESE PLANS.



CITY OF CHARLOTTESVILLE
DEPARTMENT OF PUBLIC WORKS

PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY

CITY OF CHARLOTTESVILLE
DAIRY ROAD BRIDGE
FROM: 0.03 MI. S. OF ROUTE 250 EB OFF RAMP
TO: 0.06 MI. N. OF ROUTE 250 EB OFF RAMP

FHWA-534 DATA 35011

STATE	FEDERAL AID	ROUTE	STATE	SHEET NO.
	PROJECT		PROJECT	
VA.	STP-5104(326)	N/A	U000-104-365 SEE TABULATION BELOW FOR SECTION NUMBERS	1

FUNCTIONAL CLASSIFICATION AND TRAFFIC DATA			
	DAIRY ROAD MAJOR COLLECTOR (GS-7)	US 250-EB OFF-RAMP	US 250-BYPASS OTHER FREEWAYS AND EXPRESSWAYS (GS-5)
	Fr: Gentry Lane To: Grove Road	Fr: US 250 EB To: Dairy Road	Fr: Hydraulic Road To: Rugby Ave
ADT (2023)	1,500	2,000	41,000
ADT (2047)	1,680	2,240	45,960
DHV	110	280	2,000
D (%) (design hour)	62.3	100	51.6
T (%) (design hour)	1	1	2
V (MPH)	25 MPH	25 MPH	45 MPH
TERRAIN	ROLLING	ROLLING	ROLLING
DIVIDED/UNDIVIDED	UNDIVIDED	UNDIVIDED	DIVIDED

*SEE PLAN AND PROFILE SHEETS FOR HORIZONTAL CURVE AND DESIGN SPEED DATA

CONVENTIONAL SIGNS	
STATE LINE	
COUNTY LINE	
CITY, TOWN OR VILLAGE	
RIGHT OF WAY LINE	
FENCE LINE	
UNFENCED PROPERTY LINE	
FENCED PROPERTY LINE	
WATER LINE	
SANITARY SEWER LINE	
GAS LINE	
ELECTRIC UNDERGROUND CABLE	
TRAVELED WAY	
GUARD RAIL	
RETAINING WALL	
RAILROADS	
BASE OR SURVEY LINE	
LEVEE OR EMBANKMENT	
BRIDGES	
CULVERTS	
DROP INLET	
POWER POLES	
TELEPHONE OR TELEGRAPH POLES	
TELEPHONE OR TELEGRAPH LINES	
HEDGE	
TREES	
HEAVY WOODS	
GROUND ELEVATION	
GRADE ELEVATION	

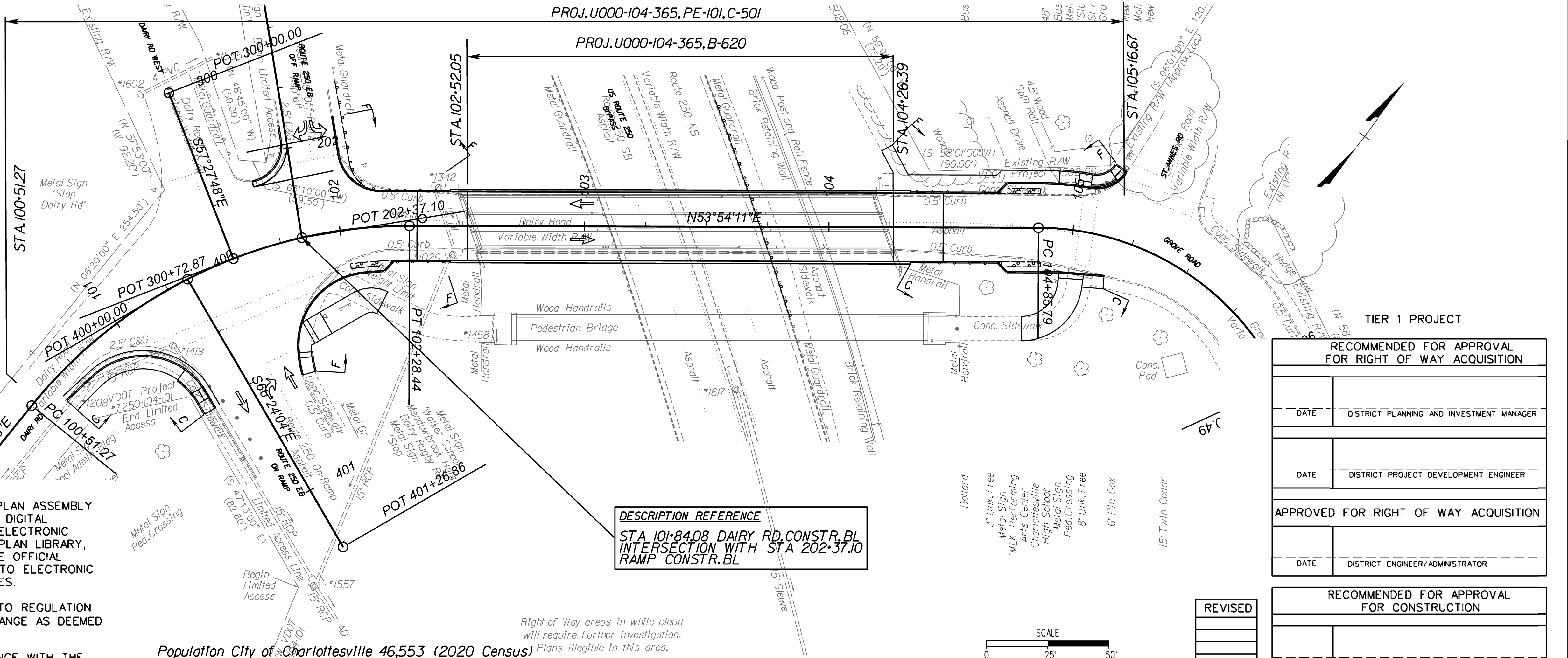
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DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT.

THIS PROJECT IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE DEPARTMENT'S 2020 ROAD AND BRIDGE SPECIFICATIONS, 2016 ROAD AND BRIDGE STANDARDS, 2009 MUTCD, 2011 VIRGINIA SUPPLEMENT TO THE MUTCD, 2011 VIRGINIA WORK AREA PROTECTION MANUAL REV. 2.1 AND AS AMENDED BY CONTRACT PROVISIONS AND THE COMPLETE ELECTRONIC PDF VERSION OF THE PLAN ASSEMBLY.

ALL CURVES ARE TO BE SUPERELEVATED, TRANSITIONED AND WIDENED IN ACCORDANCE WITH STANDARD TC-5.11ULS OR TC-5.11U, EXCEPT WHERE OTHERWISE NOTED.

THE ORIGINAL APPROVED TITLE SHEET(S), INCLUDING ORIGINAL SIGNATURES, ARE FILED IN THE VDOT CENTRAL OFFICE PLAN LIBRARY. ANY MISUSE OF ELECTRONIC FILES, INCLUDING SCANNED SIGNATURES, IS ILLEGAL AND ENFORCED TO THE FULL EXTENT OF THE LAW.



Population City of Charlottesville 46,553 (2020 Census)

STATE PROJECT NO.	SECTION	FEDERAL AID PROJECT NO.	TYPE CODE	UPC NO.	EQUALITIES	LENGTH INCLUDING BRIDGE(S)		LENGTH EXCLUDING BRIDGE(S)		BRIDGE PROJECT NO.	TYPE PROJECT	DESCRIPTION
					FEET	FEET	MILES	FEET	MILES			
U000-104-365	C-501	STP-5104(326)	1000	118295		465.40	0.09	291.06	0.06	B-620	Const.	Fr: 0.026 MI. S. OF RT. 250 EB OFF RAMP To: 0.063 MI. N. OF RT. 250 EB OFF RAMP
	PE-101	STP-5104(326)	PENG	118295		465.40	0.09	291.06	0.06		Prel. Engr.	Fr: 0.026 MI. S. OF RT. 250 EB OFF RAMP To: 0.063 MI. N. OF RT. 250 EB OFF RAMP

Project Lengths are based on Dairy Road Construction Baseline.

TIER 1 PROJECT

RECOMMENDED FOR APPROVAL FOR RIGHT OF WAY ACQUISITION	
DATE	DISTRICT PLANNING AND INVESTMENT MANAGER
DATE	DISTRICT PROJECT DEVELOPMENT ENGINEER
APPROVED FOR RIGHT OF WAY ACQUISITION	
DATE	DISTRICT ENGINEER/ADMINISTRATOR

RECOMMENDED FOR APPROVAL FOR CONSTRUCTION	
DATE	DISTRICT PLANNING AND INVESTMENT MANAGER
DATE	DISTRICT PROJECT DEVELOPMENT ENGINEER
APPROVED FOR CONSTRUCTION	
DATE	DISTRICT ENGINEER/ADMINISTRATOR

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SUBSURFACE UTILITY BY, DATE INFRAMAP CORP. 10/30/2024 ----

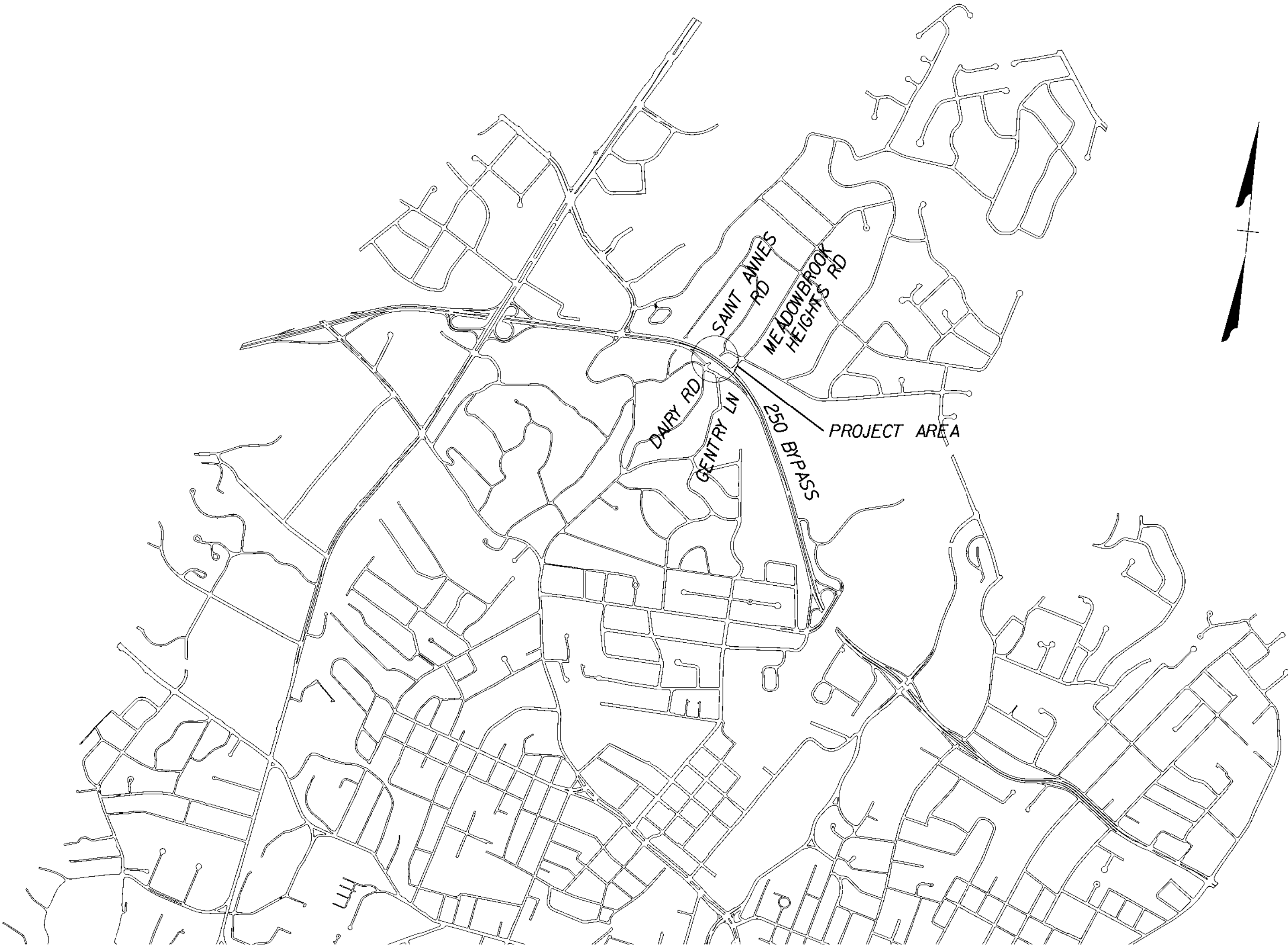
INDEX OF SHEETS

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	N/A	U000-104-365 C-501	

DESIGN FEATURES RELATING TO CONSTRUCTION
OR TO REGULATION AND CONTROL OF TRAFFIC
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NECESSARY BY THE DEPARTMENT

SHEET NO.	DESCRIPTION	STATIONS
I	TITLE SHEET	
IA	INDEX OF SHEETS/LOCATION MAP	
*IB	RIGHT OF WAY DATA SHEET	
*IC	REVISION DATA SHEET	
ID	SURVEY ALIGNMENT DATA SHEET	
IE	CONSTRUCTION ALIGNMENT DATA SHEET	
*IF	UNDERGROUND UTILITY TEST HOLE INFORMATION	
IG	TRAFFIC MAINTENANCE PLAN & SEQUENCE OF CONSTRUCTION	
IH(1) thru IH(3)	DETOUR PLAN	
*2	GENERAL NOTES	
2A	TYPICAL SECTIONS	
3	PLAN DAIRY ROAD	100+51.27 to 105+00.00
3A	PROFILE DAIRY ROAD	100+51.27 to 105+00.00
3A2	SIDE STREET PROFILES	
3B	PHASED EROSION AND SEDIMENT CONTROL DAIRY ROAD	100+51.27 to 105+00.00
*3RW	RIGHT OF WAY PLAN SHEET DAIRY ROAD	100+51.27 to 105+00.00
*4(1) THRU 4(X)	DRAINAGE DESCRIPTIONS AND STORM PROFILES	
*5(1) THRU 5(3)	SIGNING AND PAVEMENT MARKING PLANS	

* INDICATES SHEET IS NOT INCLUDED IN THIS SUBMITTAL

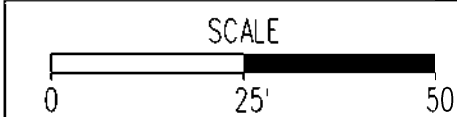


PH PLANS

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ADDITIONAL EASEMENTS FOR UTILITY
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TOTAL CROSS SECTION SHEETS 3 (SEE CROSS SECTION SHEET NUMBER 1 FOR INDEX OF SHEETS)



PROJECT
U000-104-365

SHEET NO.
IA

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SUBSURFACE UTILITY BY, DATE INFRAMAP CORP 10/30/2024

SURVEY ALIGNMENT DATA SHEET

EXISTING STORM DATA

*1026
Drop Inlet
Rim = 510.18'
Inv. In = 507.12' (12" DI From *1342)
Inv. Out = 505.62' (15" RCP To *1557)

*1208
Drop Inlet
Rim = 519.98'
Inv. In = 516.46' (15" RCP From *1574)
Inv. Out = 516.32' (15" RCP To *1419)

*1342
Drop Inlet
Rim = 510.02'
Inv. Out = (Full of Debris)

*1419
Storm Manhole
Rim = 516.52'
Inv. In = 512.19' (15" RCP From *1208)
Inv. Out = 511.67' (15" RCP To *1557)

*1458
Outlet Pipe
Inv. Out = 508.59' (4" PVC From Metal Grate)

*1557
Drop Inlet
Rim = 510.99'
Inv. In = 505.07' (15" RCP From *1419)
Inv. In = 504.71' (15" RCP From *1026)
Inv. Out = 504.69' (15" RCP To AD)

*1574
Storm Manhole
Rim = 526.27'
Inv. In = 520.90' (15" RCP From AD)
Inv. Out = 520.11' (15" RCP To *1208)

*1602
Drop Inlet
Rim = 515.08'
Inv. Out = 513.42' (4" PVC To *1555)

*1617
Drop Inlet
Rim = 485.99'
Inv. Out = 482.12' (15" Sleeve To *1618)

*1618
Drop Inlet
Rim = 482.48'
Inv. In = 477.61' (15" Sleeve From *1617)
Inv. In = 477.80' (15" Sleeve From AD)
Inv. In = 477.75' (18" RCP From AD)
Inv. Out = 477.59' (18" Sleeve To AD)

THIS SURVEY WAS UPDATED UNDER THE DIRECT RESPONSIBLE CHARGE OF, LESLIE R. BYRNSIDE, L.S., FROM AN ACTUAL GROUND SURVEY MADE UNDER HIS SUPERVISION; THAT THE ADDITIONAL DATA WAS OBTAINED SEPTEMBER 2024 THROUGH OCTOBER 2024; AND THAT THIS PLAT, MAP OR DIGITAL GEOSPATIAL DATA INCLUDING METADATA MEETS MINIMUM ACCURACY STANDARDS UNLESS OTHERWISE NOTED.

THIS ROUTE SURVEY TO THE BEST OF MY KNOWLEDGE AND BELIEF IS CORRECT AND COMPLIES WITH THE STANDARDS AND PROCEDURES AS ESTABLISHED BY THE VIRGINIA DEPARTMENT OF TRANSPORTATION LOCATION AND DESIGN DIVISION SURVEY MANUAL 2021.

PROPERTY INFORMATION IS BASED ON DEEDS, PLATS OF RECORD, HIGHWAY PLANS AND PHYSICAL EVIDENCE FOUND IN THE FIELD AND WAS PLACED IN THE DRAWING.

THE INFORMATION SHOWN IN THIS DRAWING WAS COMPILED FROM EXISTING LAND RECORDS AND DOES NOT REPRESENT A BOUNDARY SURVEY. BEARINGS AND DISTANCES IN PARENTHESES ARE FROM RECORDED PLATS OR DEED DATA.

NO TITLE REPORT FURNISHED WHICH MAY REVEAL OR DISCOVER EASEMENTS NOT SHOWN HEREON.

NO CEMETERY SITES WERE OBSERVED WITHIN THE SURVEY LIMITS. THIS DOES NOT PRECLUDE THEIR EXISTENCE.

INFRAMAP IS RESPONSIBLE FOR THE LOCATION OF ALL THE UTILITIES TO INCLUDE SANITARY SEWER.

Survey Control - VDOT State Plane Coordinates				
NAD 83/NAVD 88 - VA South Zone - US Survey Feet				
Point	Northing	Easting	Elevation	Description
1	3907932.750	11487338.660	508.355	CS--R/C
2	3908120.550	11487242.960	485.984	CS--R/C
3	3907926.210	11487548.680	486.297	CS--R/C
4	3908051.000	11487457.620	508.070	CS--R/C



PLANIMETRIC LEGEND

○	Advertising Sign
✱	Bore Hole
○	Bench Mark
●	Bollard Post
△	Photo Control Point
→	Control Station
→	Drainage Flow Arrow (Storm Drainage)
→	Filler Cap (Gas Stations)
→	Flow Arrow (Streams & Rivers)
→	Flag Pole
→	Secondary Control Point
→	Filler Pipe (Gas Stations)
→	Gas Tank Access Manhole (Gas Stations)
→	Gravesite Marker
→	Guard Post
→	Gas Vent Pipe (Gas Stations)
→	Mail Box
→	Mine Entrance
→	Node Point
→	Property Line Symbol
→	Found Monumentation
→	Property Monument
→	Metal or Wooden Post
→	Monitoring Well
→	Road Arrow
→	Reference
→	Right of Way Monument
→	VDOT Commission Monument
→	Iron Right of Way Pin
→	Railroad Mile Marker
→	Railroad Right of Way Monument
→	Railroad Signal Pole or Gate
→	Railroad Telegraph Pole
→	Railroad Telephone Pole
→	Railroad Switch
→	Shrub
→	Storm Sewer Manhole
→	Photogrammetric Target
→	Tree
→	Traffic Left Turn Arrow
→	Traffic Left-Right Arrow
→	Traffic Left-Thru Arrow
→	Traffic Left-Thru-Right Arrow
→	Traffic Right Turn Arrow
→	Traffic Thru Arrow
→	Traffic Thru-Right Arrow
→	Traffic Springback Marker
→	Wetland Flag Automatic
→	Wetland Flag Manual
→	Bridge Elevation
→	Plan Elevation
→	Water Elevation
→	Elevation Tick Mark
→	Connected Plat Symbol
→	Brush Line
→	Pipe Culverts
→	City Line
→	County Line
→	Curb Only
→	Curb and Gutter
→	Fence Line
→	Guardrail
→	Hedge Row
→	Jersey Barrier
→	Obscure Areas
→	Paved Ditches
→	Railroad
→	Right of Way
→	State Line
→	Edges of Water
→	Sidewalks
→	Wetlands
→	Woods
→	* Designate size of culverts (Variable from 12" to 120")

PH PLANS

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REVISED	STATE		STATE		SHEET NO.
		ROUTE	PROJECT		
	VA.	N/A	U000-104-365 P-101 B-620 C-501		1E

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Kimley-Horn & Associates
Charlottesville, Virginia
ROADWAY ENGINEER

CONSTRUCTION ALIGNMENT DATA SHEET

Alignment Name: Dairy Road West
Alignment Description:

Station		Northing	Easting
START ()		3907887.68	11487234.34
END ()		3907848.49	11487295.77

Element: Linear
START () 30000.00 R1 3907887.68 11487234.34
END () 30072.87 R1 3907848.49 11487295.77
Tangential Direction: S57.463°E
Tangential Length: 72.87

DAIRY_2
PI = 105+55.81
DELTA = 64°57'20.35" (RT)
D = 52°05'13"
T = 70.02'
L = 124.71'
R = 110.00'
PC = 104+85.79
PT = 106+10.49
V = 25 MPH

DAIRY_1
PI = 101+46.28
DELTA = 51°16'02.90" (RT)
D = 28°56'14"
T = 95.01'
L = 177.17'
R = 198.00'
PC = 100+51.27
PT = 102+28.44
e = 2%
V = 25 MPH

POT 101+84.08 DAIRY RD CONSTR. @ =
POT 202+37.10 ROUTE 250 OFF RAMP CONSTR. @
Δ = 90° 0' 0" LT

POT 200+00.00
S45°29'13"E
237.10'
250 BYPASS OFF RAMP CONSTR. @

POT 101+54.60 DAIRY RD CONSTR. @ =
POT 300+72.87 DAIRY RD WEST CONSTR. @
Δ = 90° 0' 0" LT

DAIRY RD WEST CONSTR. @

DAIRY RD CONSTR. @

N53°54'11"E
257.35'

Alignment Name: Dairy Road
Alignment Description:

Station		Northing	Easting
START ()		3907699.89	11487262.55
END ()		3907751.10	11487264.91

Element: Linear
START () 10000.00 R1 3907699.89 11487262.55
END () 10051.27 R1 3907751.10 11487264.91
Tangential Direction: N2.636°E
Tangential Length: 51.27

Element: Circular - DAIRY_1
PC () 10051.27 R1 3907751.10 11487264.91
HPI () 10146.28 R1 3907846.01 11487269.27
CC () 3907742.00 11487462.70
PT () 10228.44 R1 3907901.99 11487346.04
Radius: 198.00
Delta: 51.27° Right
Degree of Curvature (Arc): 28.94°
Length: 177.17
Tangent: 95.01
Chord: 171.32
Middle Ordinate: 19.49
External: 21.61
Back Tangent Direction: N2.636°E
Back Radial Direction: S87.364°E
Chord Direction: N28.269°E
Ahead Radial Direction: S36.097°E
Ahead Tangent Direction: N53.903°E

Element: Linear

PT () 10228.44 R1 3907901.99 11487346.04
PC () 10485.79 R1 3908053.61 11487553.99
Tangential Direction: N53.903°E
Tangential Length: 257.35

Element: Circular - DAIRY_2
PC () 10485.79 R1 3908053.61 11487553.99
HPI () 10555.81 R1 3908094.86 11487610.57
CC () 3907964.72 11487618.80
PT () 10610.49 R1 3908061.06 11487671.89
Radius: 110.00
Delta: 64.96° Right
Degree of Curvature (Arc): 52.09°
Length: 124.71
Tangent: 70.02
Chord: 118.13
Middle Ordinate: 17.20
External: 20.39
Back Tangent Direction: N53.903°E
Back Radial Direction: S36.097°E
Chord Direction: N86.381°E
Ahead Radial Direction: S28.859°W
Ahead Tangent Direction: S61.141°E

Element: Linear
PT () 10610.49 R1 3908061.06 11487671.89
END () 10651.76 R1 3908041.15 11487708.03
Tangential Direction: S61.141°E
Tangential Length: 41.27

PH PLANS

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SCALE
0 25 50'

PROJECT
U000-104-365

SHEET NO.
1E

Alignment Name: Route 250 Off-Ramp

Alignment Description:

Station		Northing	Easting
START ()		3908038.29	11487144.34
END ()		3907872.07	11487313.41

Element: Linear
START () 20000.00 R1 3908038.29 11487144.34
END () 20237.10 R1 3907872.07 11487313.41
Tangential Direction: S45.487°E
Tangential Length: 237.10

Alignment Name: Route 250 On-Ramp

Alignment Description:

Station		Northing	Easting
START ()		3907830.67	11487285.66
END ()		3907779.89	11487401.91

Element: Linear
START () 40000.00 R1 3907830.67 11487285.66
END () 40126.86 R1 3907779.89 11487401.91
Tangential Direction: S66.401°E
Tangential Length: 126.86

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INTRODUCTION

THE PROPOSED IMPROVEMENTS TOTAL APPROXIMATELY XXX LINEAR FEET AND INVOLVE THE REPLACEMENT OF THE EXISTING DAIRY ROAD BRIDGE OVER ROUTE 250 BYPASS IN CHARLOTTESVILLE,VIRGINIA.THE PROJECT INCLUDES ANCILLARY ROADWAY IMPROVEMENTS TO BOTH THE NORTHERN AND SOUTHERN APPROACH TO THE BRIDGE.

TEMPORARY TRAFFIC CONTROL PLAN

GENERAL NOTES

- 1.) THE PROPOSED IMPROVEMENTS FALL UNDER THE TMP TYPE B PROJECT.
- 2.) THE PROJECT LOCATION IS ON DAIRY ROAD AT THE ROUTE 250 BYPASS IN THE CITY OF CHARLOTTESVILLE.
- 3.) THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL TRAFFIC CONTROL DEVICES,SIGNAGE,EQUIPMENT,PERSONNEL,INCLUDING CERTIFIED TRAFFIC CONTROL PERSONNEL TO CONTROL TRAFFIC DURING CONSTRUCTION WITHIN CITY-MAINTAINED RIGHT-OF-WAY. ALL TRAFFIC CONTROL SHALL BE IN STRICT ACCORDANCE WITH THE STANDARDS,GUIDELINES,POLICIES,AND OBJECTIVES OF THE 2011VIRGINIA WORK AREA PROTECTION MANUAL REVISION 2,2009 MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES,AND ALL CITY PERMITS.CONTRACTOR SHALL HAVE BOTH INTERMEDIATE AND BASIS WORK ZONE TRAFFIC CONTROL CERTIFIED EMPLOYEE ON SITE AT AL TIMES DURING LANE CLOSURES,TRAFFIC SHIFTS,AND AT LEAST DAILY TO REVIEW WORK ZONE.
- 4.) THE CONTRACTOR IS RESPONSIBLE FOR ACQUIRING AREAS FOR EQUIPMENT STORAGE AND STAGING OF MATERIALS. ALL COSTS FOR TCD AND E&S REQUIREMENTS FOR LAYDOWN YARD SHALL BE INCIDENTAL WITH OTHER ITEMS WITH NO SEPERATE PAYMENT THERETO.
- 5.) THE WORK ZONE SHALL BE MAINTAINED ACCORDING TO THE TEMPORARY TRAFFIC CONTROL PLANS AS SHOWN IN THE CONTRACT DOCUMENTS.
- 6.) THE FOLLOWING TRAFFIC CONTROL SPECIFICATIONS FROM THE VIRGINIA WORK AREA PROTECTION MANUAL REVISION 2 APPLY TO THIS PROJECT: TTC-11,TTC-42,TTC-162,TTC-172,TTC-342,TTC-351,TTC-362,TTC-452,TTC-482,TTC-530 AND OTHERS AS REQUIRED.
- 7.) MAXIMUM CHANNELIZING DEVICE SPACING SHALL BE AS FOLLOWS:
- A) DAIRY ROAD:

1. TRAVELWAY SPACING • 40'

11. TRANSITION SPACING • 20'

B) ROUTE 250 BYPASS:

1. TRAVELWAY SPACING • 80'

11. TRANSITION SPACING • 40'
- 8.) ENTRANCES ALONG DAIRY ROAD WILL BE AFFECTED BY THE WORK ZONE AND ACCESS SHALL BE MAINTAINED AT ALL TIMES.
9. THIS MOT PLAN HAS BEEN DESIGNED UNDER THE ASSUMPTION THAT THE FOLLOWING TYPES OF TRAFFIC UTILIZE THE WORK ZONE: COMMUTERS, SCHOOL BUSES, TRANSIT BUSES,PEDESTRIANS,PASSENGER VEHICLES,BICYCLES, AND TRUCKS.
10. ALL AREAS EXCAVATED BELOW THE EXISTING PAVEMENT SURFACE AND WITHIN THE CLEAR ZONE (NOT PROTECTED BY BARRIER),AT THE CONCLUSION OF EACH WORKDAY,SHALL BE BACK-FILLED TO FORM AN APPROXIMATE 6"WEDGE,AGAINST THE EXISTING PAVEMENT SURFACE FOR SAFETY AND PROTECTION OF VEHICULAR TRAFFIC.THE 6"WEDGE SHALL PRESENT NO MORE THAN A 2" DROP OFF FROM THE EDGE OF PAVEMENT WITHIN THE WORK ZONE CLEAR ZONE. ALL COST OF PLACING,MAINTAINING,AND REMOVING THE WEDGE SHALL BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS IN THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.THE 6"WEDGE SHALL BE REMOVED IN ITS ENTIRETY PRIOR TO PLACEMENT OF SUBBASE AGGREGAGATE AND/OR ASPHALT AS REQUIRED BY THE INSPECTOR.
11. NIGHT TIME WORK HOURS ARE ALLOWABLE AS DESCRIBED ALLOWABLE BY THE CITY OF CHARLOTTESVILLE AND UPON APPROVAL BY THE ENGINEER.
12. ALLOWABLE WORK HOURS SHALL BE FROM 7AM TO 9PM MONDAY THROUGH SATURDAY EXCEPT HOLIDAYS AND WHEN NIGHT WORK IS APPROVED BY THE ENGINEER AND CITY TRAFFIC ENGINEER.ALLOWABLE LANE CLOSURE HOURS ARE TO BE DETERMINED,WORK PERFORMED OUTSIDE THESE HOURS THAT IS NOT SPECIFICALLY ALLOWED FOR IN WRITING BY ENGINEER WILL BE IMMEDIATELY SHUT DOWN BY THE INSPECTOR AND/OR CITY.
13. WORK DURATION FOR THIS PROJECT HAS BEEN ESTIMATED TO TAKE 12 MONTHS WITH THE MOT SHOWN.
14. THE CONTRACTOR SHALL BE REQUIRED TO AND MAINTAIN ACCESS TO THE ADJACENT PEDESTRIAN BRIDGE AT ALL TIMES,EXCEPT WHEN THE WORK REQUIRES SHORT-TERM CLOSURE FOR SAFETY REASONS.SUCH CLOSURES CAN ONLY BE MADE UPON APPROVAL OF A REQUEST MADE OF THE ENGINEER.

PUBLIC COMMUNICATIONS PLAN

THE CONTRACTOR IS TO COORDINATE WITH THE CITY OF CHARLOTTESVILLE TO PUBLISH ANNOUNCEMENTS REGARDING WORK ACTIVITIES FOR THIS PROJECT.EACH ACTIVITY WILL BE GOVERNED BY THE TIMES ESTABLISHED BY THE CITY TRAFFIC ENGINEER.THE CONTRACTOR SHALL PROVIDE LANE CLOSURE INFORMATION A MINIMUM OF TWO WEEKS IN ADVANCE OF WORK SO IT CAN BE PUBLISHED.THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A TWO WEEK LOOK AHEAD EVERY WEDNESDAY BY NOON TO AID IN THE CITY NOTIFYING PUBLIC OF WORK ACTIVITIES.

TRAFFIC MANAGEMENT PLAN (TMP)

TRANSPORTATION OPERATIONS PLAN

- 1.) THE CONTRACTOR OR THE INSPECTOR (AS IDENTIFIED BELOW)SHALL BE RESPONSIBLE FOR NOTIFICATION THE DAY PRIOR TO LANE CLOSURES EACH DAY BY CALLING THOSE BELOW AND OTHERS AS REQUIRED:
- A) CONTRACTOR SHALL CALL THE PROJECT INSPECTOR:TBD

B) INSPECTOR SHALL SHALL NOTIFY THE CONSTRUCTION MANAGER:TBD

C) INSPECTOR SHALL NOTIFY THE CITY PROJECT MANAGER:TBD
- 2.) THE FOLLOWING IS A LIST OF LOCAL EMERGENCY CONTACT AGENCIES:
CITY OF CHARLOTTESVILLE POLICE DEPARTMENT:(434) 970-3280 OR 911(IN EMERGENCY)
- 3.) PROCEDURES TO RESPOND TO TRAFFIC INCIDENTS THAT MAY OCCUR IN THE WORK ZONE ARE GENERALLY AS FOLLOWS:
- A) CONTRACTOR TO NOTIFY THE INSPECTOR.

B) CONTRACTOR TO REQUEST PRESENCE OF EMERGENCY MEDICAL SERVICES AS APPROPRIATE (911 IN EMERGENCY) OR IF NOT ALREADY ON SCENE OR ENROUTE.

C) THE INSPECTOR SHALL NOTIFY THE CONSTRUCTION MANAGER:TBD

D) THE CONSTRUCTION MANAGER SHALL NOTIFY THE CITY PROJECT MANAGER:TBD

E) DEPENDING ON THE SEVERITY OF INCIDENT,AND IF DIRECTED BY THE INSPECTOR,THE CONTRACTOR MAY BE DIRECTED TO CEASE OPERATIONS TEMPORARILY TO ALLOW FOR CLEARANCE OF THE INCIDENT.

F) UPON ARRIVAL ON SCENE,CITY OF CHARLOTTESVILLE POLICE DEPARTMENT STAFF WILL DETERMINE RESPONSE NECESSARY TO ALLOW TRAVELING PUBLIC AROUND THE INCIDENT.

G) THE CITY OF CHARLOTTESVILLE POLICE DEPARTMENT WILL TAKE CONTROL OF THE INCIDENT AND DIRECT ITS CLEARING AND RESTORATION TO NORMAL TRAFFIC OPERATIONS.THE CONTRACTOR MAY BE DIRECTED BY THE INSPECTOR TO COOPERATE WITH THE CHARLOTTESVILLE POLICE DEPARTMENT TO CLEAR TRAFFIC AND RESTORE NORMAL OPERATIONS.
- 4.) IN THE EVENT OF AN INCIDENT WITHIN THE WORK ZONE THE FOLLOWING DOCUMENTATION PROCESS IS TO BE FOLLOWED DURING AND AFTER THE INCIDENT:
- A) BE ADVISED THAT THE INSPECTOR WILL TAKE PICTURES AS NECESSARY,ESPECIALLY PICTURES OF CONTRACTOR'S WORK ZONE SET UP TO VERIFY COMPLIANCE WITH STANDARDS.

B) CONTRACTOR IS TO DISCUSS SITUATION WITH THE THE PROJECT INSPECTOR AND MAKE NECESSARY ADJUSTMENTS TO THE WORK ZONE IN LIGHT OF AND IN RESPONSE TO THE INCIDENT.

C) THE CITY OF CHARLOTTESVILLE POLICE DEPARTMENT REPORT OF THE INCIDENT WILL BE REVIEWED BY THE CITY TO DETERMINE IF ANY MODIFICATION OF THE TEMPORARY TRAFFIC CONTROL PLAN IS NECESSARY.IF IT IS DETERMINED THAT IT IS NECESSARY TO ALTER THE PLAN,THEN A MEETING WILL BE CALLED WITH THE CONTRACTOR,CITY OF CHARLOTTESVILLE PROJECT PERSONNEL,AND THE CITY OF CHARLOTTESVILLE POLICE DEPARTMENT STAFF (IF NECESSARY) TO DISCUSS MODIFICATION AND IMPLEMENTATION OF AN IMPROVED TRAFFIC CONTROL PLAN.

SEQUENCE OF CONSTRUCTION

GENERAL SEQUENCE OF CONSTRUCTION IS AS FOLLOWS:

- STAGE 1:DEMOLISH EXISTING BRIDGE
- STAGE 2:CONSTRUCT BRIDGE FOUNDATIONS AND PIERS.
- STAGE 3:CONSTRUCT BRIDGE SUBSTRUCTURE OVER ROUTE 250
- STAGE 4:CONSTRUCT BRIDGE SUPERSTRUCTURE AND APPROACHES.

STAGE 1:

1. CONTRACTOR SHALL INSTALL PCMS SIGNS AT NOTED LOCATIONS NEAR PROJECT TO ALERT PUBLIC OF PENDING ROAD CLOSURE AND DETOUR AT LEAST ONE WEEK IN ADVANCE OF DETOUR IMPLEMENTATION.PCMS SIGNS SHALL REMAIN IN PLACE AT LEAST ONE WEEK AFTER IMPLEMENTATION OF DETOUR.

2. CONTRACTOR SHALL INSTALL TEMPORARY TRAFFIC CONTROL MEASURES TO IMPLEMENT DAIRY ROAD BRIDGE CLOSURE AND DETOUR.

3. CONTRACTOR TO DEMOLISH DAIRY ROAD BRIDGE.

4. CONTRACTOR SHALL USE ROUTE 250 BYPASS DETOUR ONLY WHEN OPERATIONS NECESSITATE FOR THE SAFETY OF THE TRAVELLING PUBLIC.

STAGE 2:

1. CONTRACTOR TO CLOSE OUTSIDE LANE OF ROUTE 250 IN NIGHT-TIME OPERATIONS ONLY TO COMPLETE FOUNDATION AND PIER WORK.

STAGE 3,PHASE 1:

1. CONTRACTOR TO CLOSE ROUTE 250 BYPASS EB USING THE STAGING DETOUR.

2. CONTRACTOR TO DELIVER AND PREPARE GIRDERS 3 & 4.

STAGE 3,PHASE 2:

1. CONTRACTOR TO CLOSE ROUTE 250 BYPASS USING DETOUR.

2. CONTRACTOR TO ERECT GIRDERS 3 & 4.

3. CONTRACTOR TO REOPEN ROUTE 250 TO TRAFFIC.

STAGE 3,PHASE 3:

1. CONTRACTOR TO CLOSE ROUTE 250 BYPASS EB USING THE STAGING DETOUR.

2. CONTRACTOR TO DELIVER AND PREPARE GIRDERS 1 & 2.

STAGE 3,PHASE 2:

1. CONTRACTOR TO CLOSE ROUTE 250 BYPASS USING DETOUR.

2. CONTRACTOR TO ERECT GIRDERS 1 & 2.

3. CONTRACTOR TO REOPEN ROUTE 250 TO TRAFFIC.

STAGE 3 PHASE 5:

1. CONTRACTOR TO CLOSE ROUTE 250 BYPASS USING DETOUR.

2. CONTRACTOR TO INSTALL CROSS FRAMES BETWEEN GIRDERS 3 & 4 AND FORMS.

3. CONTRACTOR TO REOPEN ROUTE 250 TO TRAFFIC.

STAGE 4:

1. CONTRACTOR TO COMPLETE BRIDGE SUPERSTRUCTURE AND APPROACHES.

2. CONTRACTOR TO REOPEN DAIRY ROAD TO TRAFFIC.

	REVISED	STATE	STATE		SHEET NO.
		ROUTE	PROJECT		
		VA.	N/A	U000-104-365 C-501	
	DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT				
	Kimley-Horn & Associates Charlottesville, Virginia ROADWAY ENGINEER				

PH PLANS

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ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

PROJECT MANAGER NAJEEBULLAH BEHNNAM (434-459-9763) (CITY OF CHARLOTTESVILLE)
SURVEYED BY, DATE H&B Survey and Mapping, LLC 11/11/2024 ----
DESIGN BY Kimley-Horn & Associates, Inc. ----
SUBSURFACE UTILITY BY, DATE INFRAMAP CORP. 10/30/2024 ----

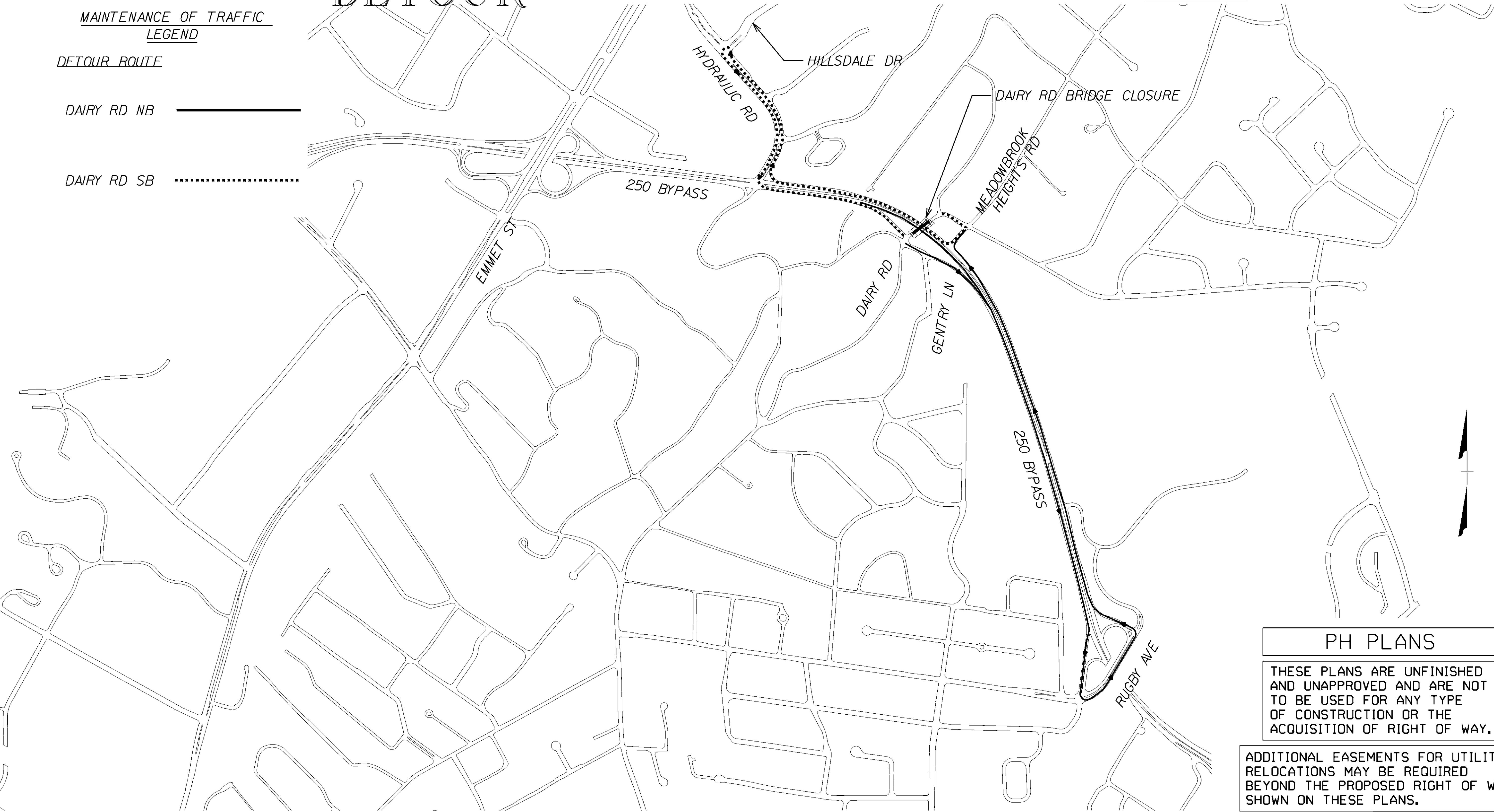
MAINTENANCE OF TRAFFIC - DAIRY RD DETOUR

MAINTENANCE OF TRAFFIC
LEGEND

DETOUR ROUTE

DAIRY RD NB 

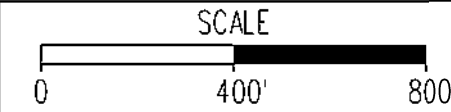
DAIRY RD SB 



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PROJECT
U000-104-365

SHEET NO.
1H(1)

Kimley-Horn & Associates
Charlottesville, Virginia
ROADWAY ENGINEER

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	N/A	U000-104-365 C-501	1H(1)

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Kimley-Horn & Associates
Charlottesville, Virginia
ROADWAY ENGINEER

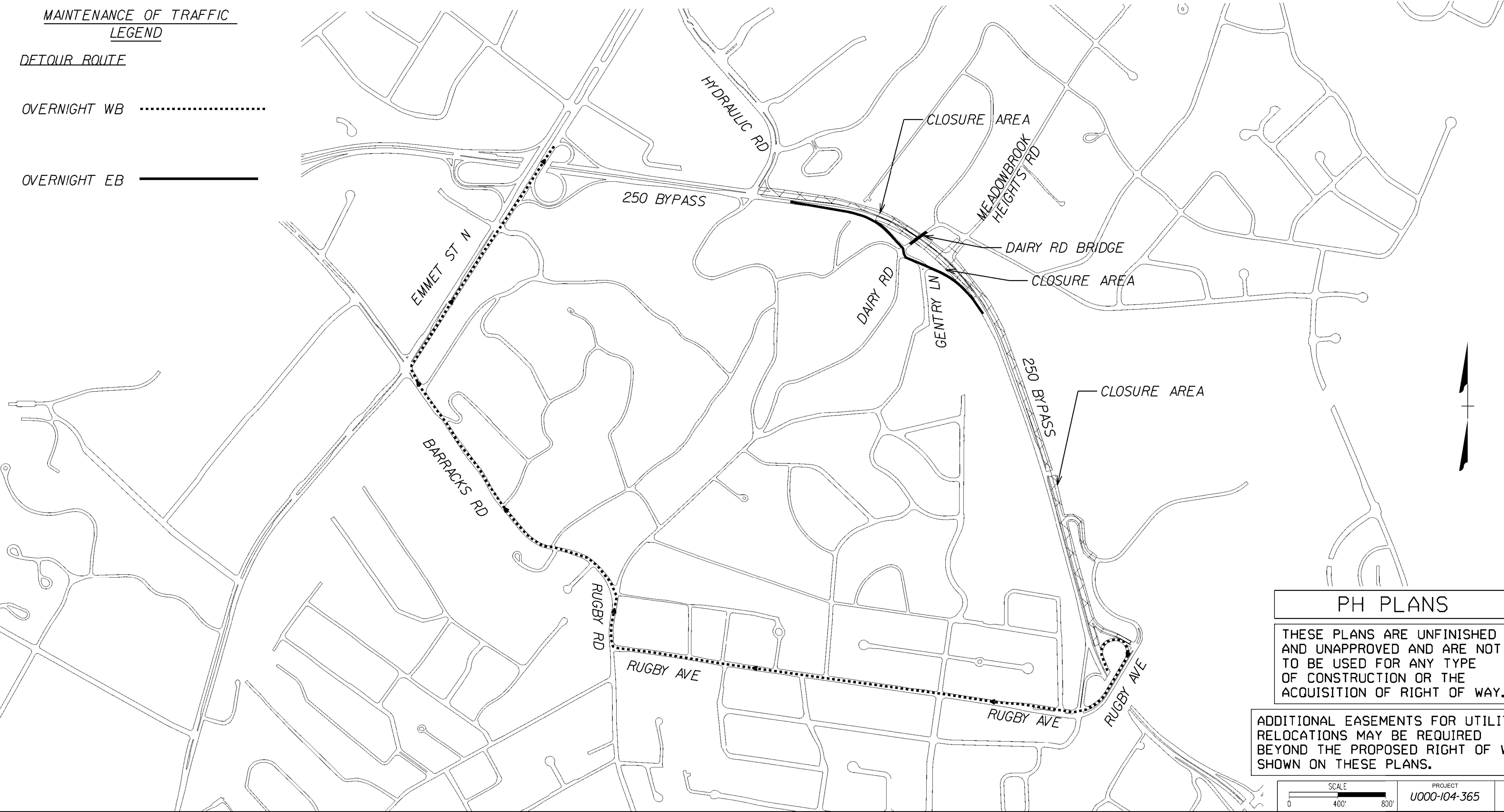
MAINTENANCE OF TRAFFIC - OVERNIGHT DETOUR

MAINTENANCE OF TRAFFIC LEGEND

DETOUR ROUTE

OVERNIGHT WB

OVERNIGHT EB ———



PROJECT MANAGER NAJEEBULLAH BEHNNAM (434-459-9763) (CITY OF CHARLOTTESVILLE)
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	VA.	N/A	U000-104-365 C-501	

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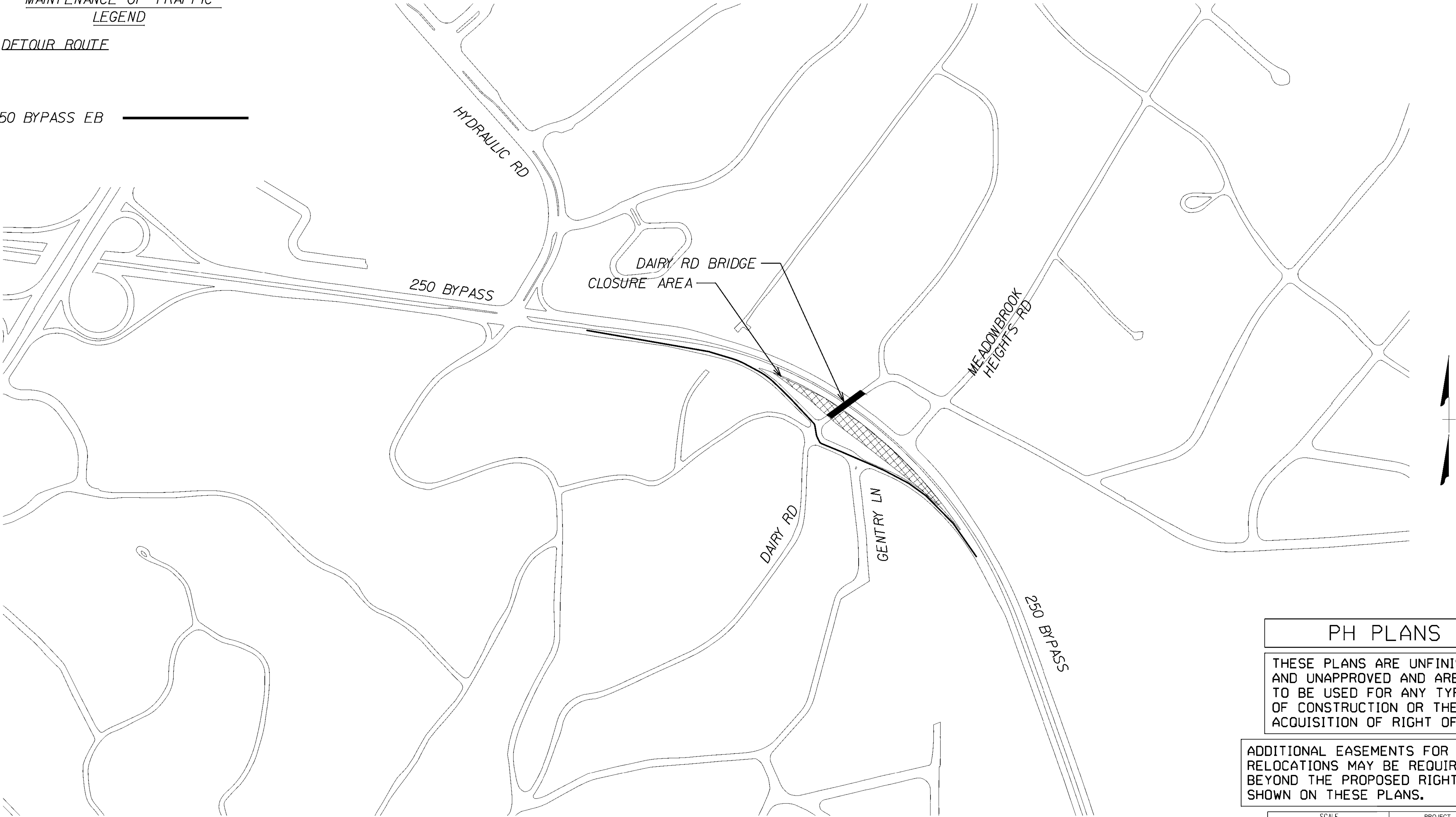
Kimley-Horn & Associates
Charlottesville, Virginia
ROADWAY ENGINEER

MAINTENANCE OF TRAFFIC STAGING DETOUR

MAINTENANCE OF TRAFFIC LEGEND

DETOUR ROUTE

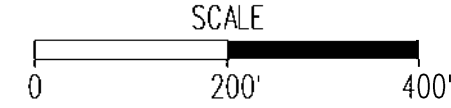
250 BYPASS EB



PH PLANS

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PROJECT
U000-104-365

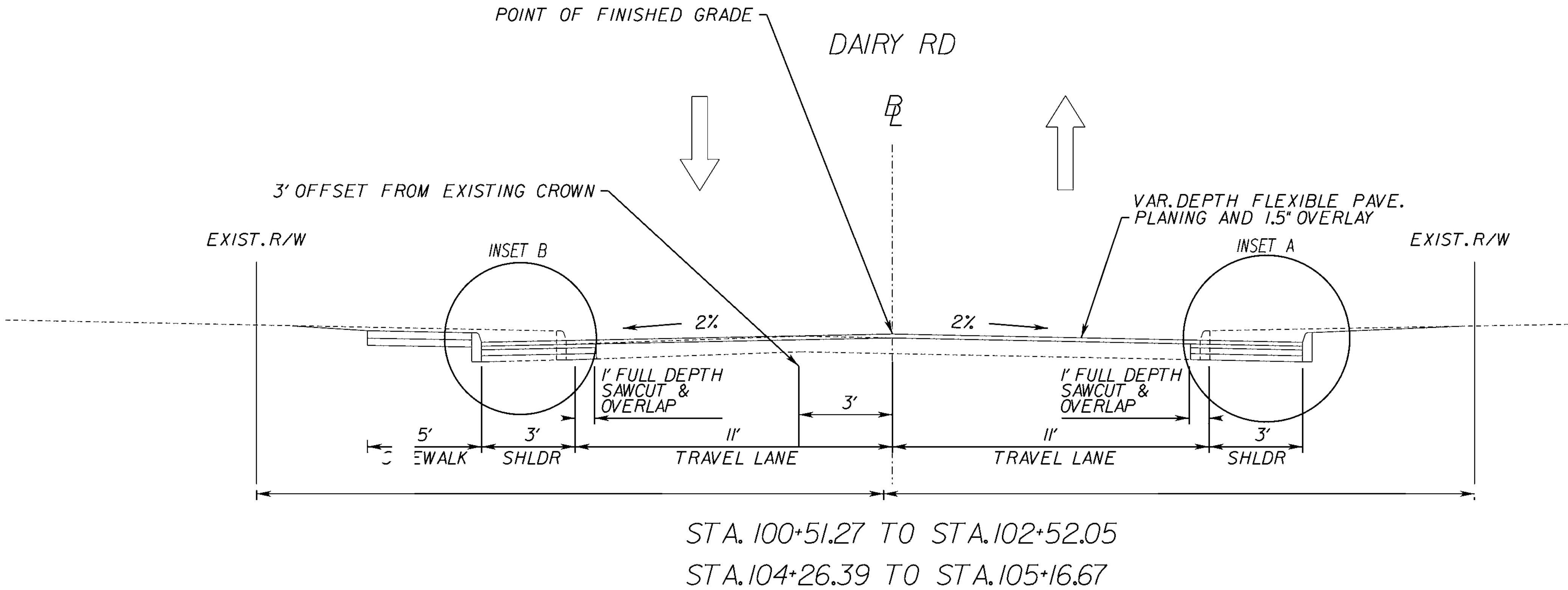
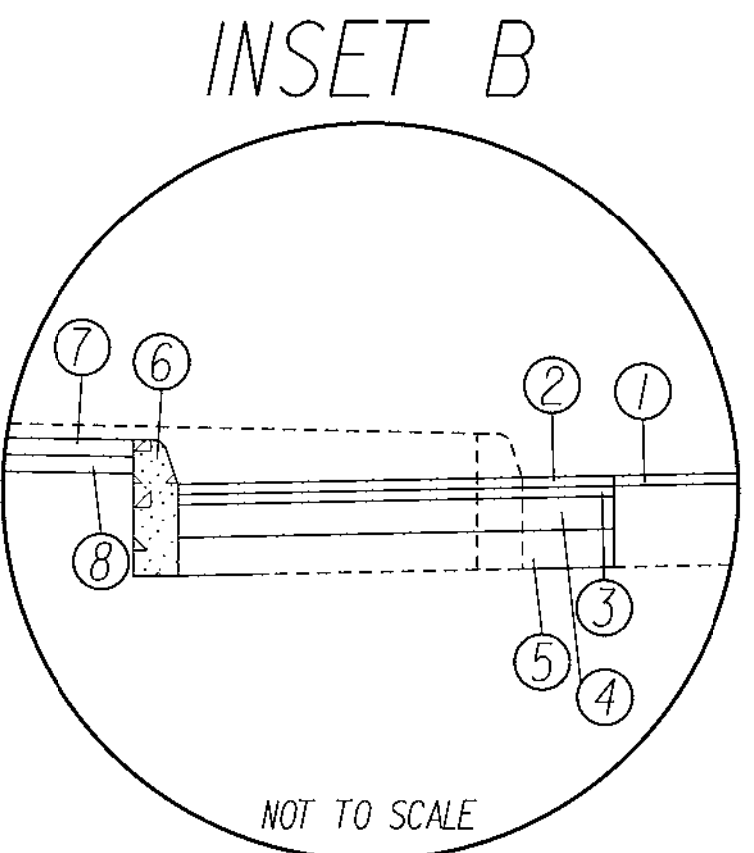
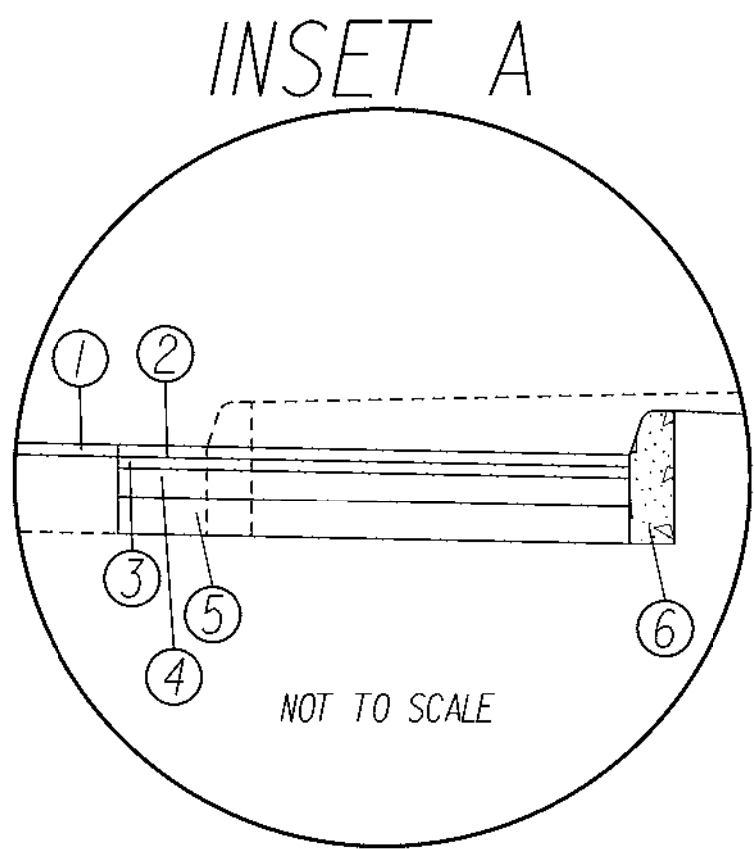
SHEET NO.
1H(3)

PROJECT MANAGER NAJEEBULLAH BEHHNAM (434-459-9763) (CITY OF CHARLOTTESVILLE)
SURVEYED BY, DATE H&B Survey and Mapping, LLC 11/11/2024
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SUBSURFACE UTILITY BY, DATE INFERMAP CORP. 10/30/2024

TYPICAL SECTIONS

(Not to Scale)

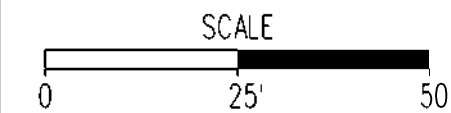
		REVISED	STATE	STATE		SHEET NO.
			ROUTE	PROJECT		
			VA.	N/A	U000-104-365 C-501	
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT						
Froehling & Robertson Roanoke, Virginia MATERIALS ENGINEER	Kimley-Horn & Associates Charlottesville, Virginia ROADWAY ENGINEER					



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PROJECT
U000-104-365

SHEET NO.
2A

- 1 1.5" ASPHALT CONCRETE SURFACE, MILL & OVERLAY
- 2 1.5" ASPHALT CONCRETE SURFACE, TYPE SM-9.5
- 3 2" ASPHALT CONCRETE INTERMEDIATE, TYPE IM-13.0D @ 110 LB/IN
- 4 6" ASPHALT CONCRETE BASE COURSE, TYPE BM-25.0A @ 110 LB/IN
- 5 6" AGGREGATE BASE MAT'L, TY. I NO. 21B
- 6 VDOT STD. CG-2 REQ'D.
- 7 4" HYDR. CEMENT CONC. SIDEWALK
- 8 4" AGGREGATE BASE MAT'L, TY. J NO. 21B

PROJECT MANAGER: NAJEEBULLAH BEHNAM (434-459-9763) (CITY OF CHARLOTTESVILLE)
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DESIGN BY: Kimley-Horn & Associates, Inc.
SUBSURFACE UTILITY BY, DATE: INFRAMAP CORP. 10/30/2024

UTILITY OWNER INFORMATION:

Water, Sewer & Gas:

City of Charlottesville - (CVU)
Contact: Calvin Chan
Email: chanc@charlottesville.gov
Record Received

Electric:

Dominion Power - (DOM)
Contact: Timothy Gossett
Email: timothy.d.gossett@dominionenergy.com

Cable Television - Fiber Optic:

Comcast - (CMC)
324 West Main Street
Charlottesville, VA 22903
Contact: Philip Perry
Phone: (434) 326-3529
Email: Philip_Perry@comcast.com

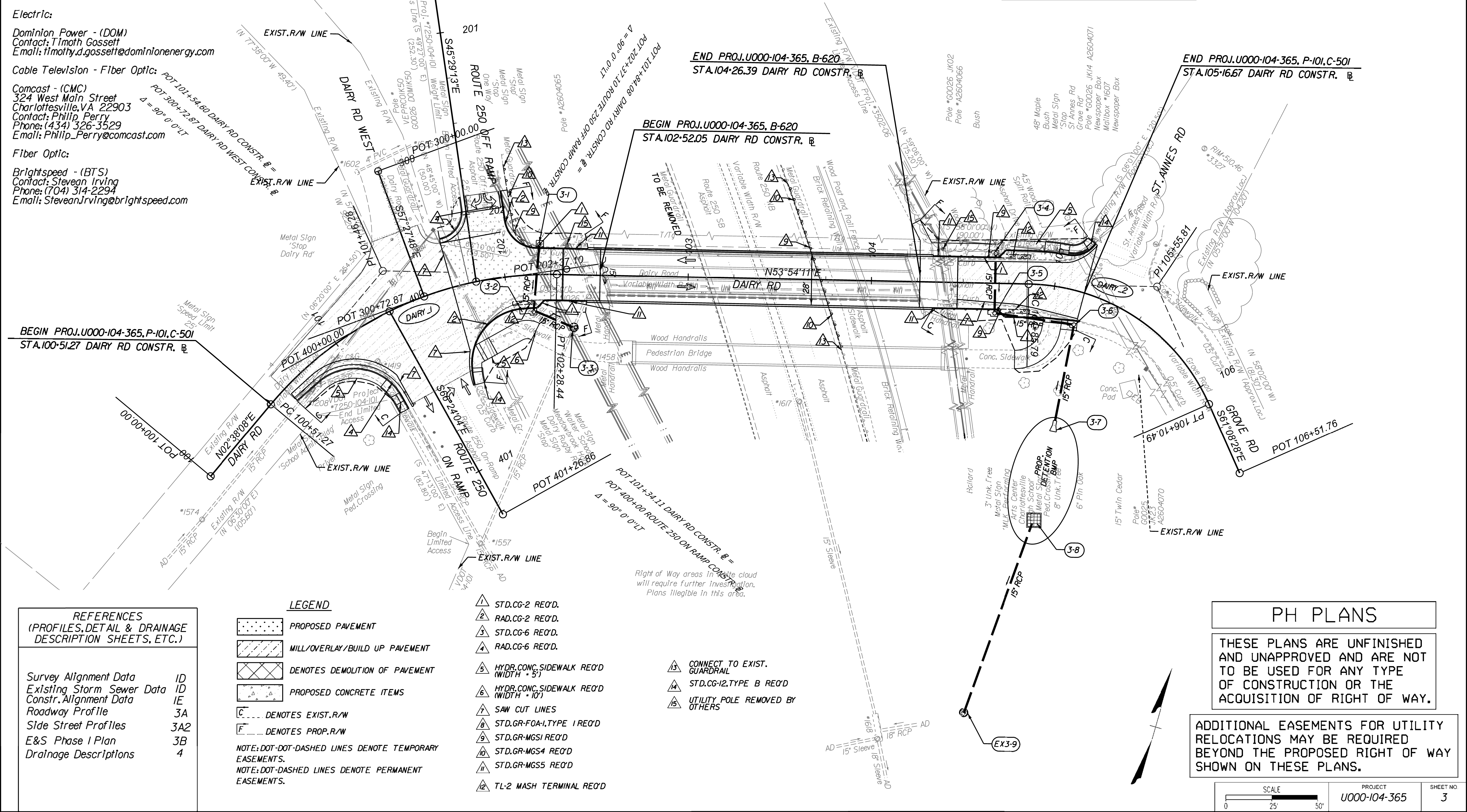
Fiber Optic:

Brightspeed - (BTS)
Contact: Stevean Irving
Phone: (704) 314-2294
Email: Stevean.Irving@brightspeed.com

DAIRY_1
PI = 101+46.28
DELTA = 51°16'02.90" (RT)
D = 28°56'14"
T = 95.01'
L = 177.17'
R = 198.00'
PC = 100+51.27
PT = 102+28.44
e = 2%
V = 25 MPH

DAIRY_2
PI = 105+55.81
DELTA = 64°57'20.35" (RT)
D = 52°05'13"
T = 70.02'
L = 124.71'
R = 110.00'
PC = 104+85.79
PT = 106+10.49
V = 25 MPH

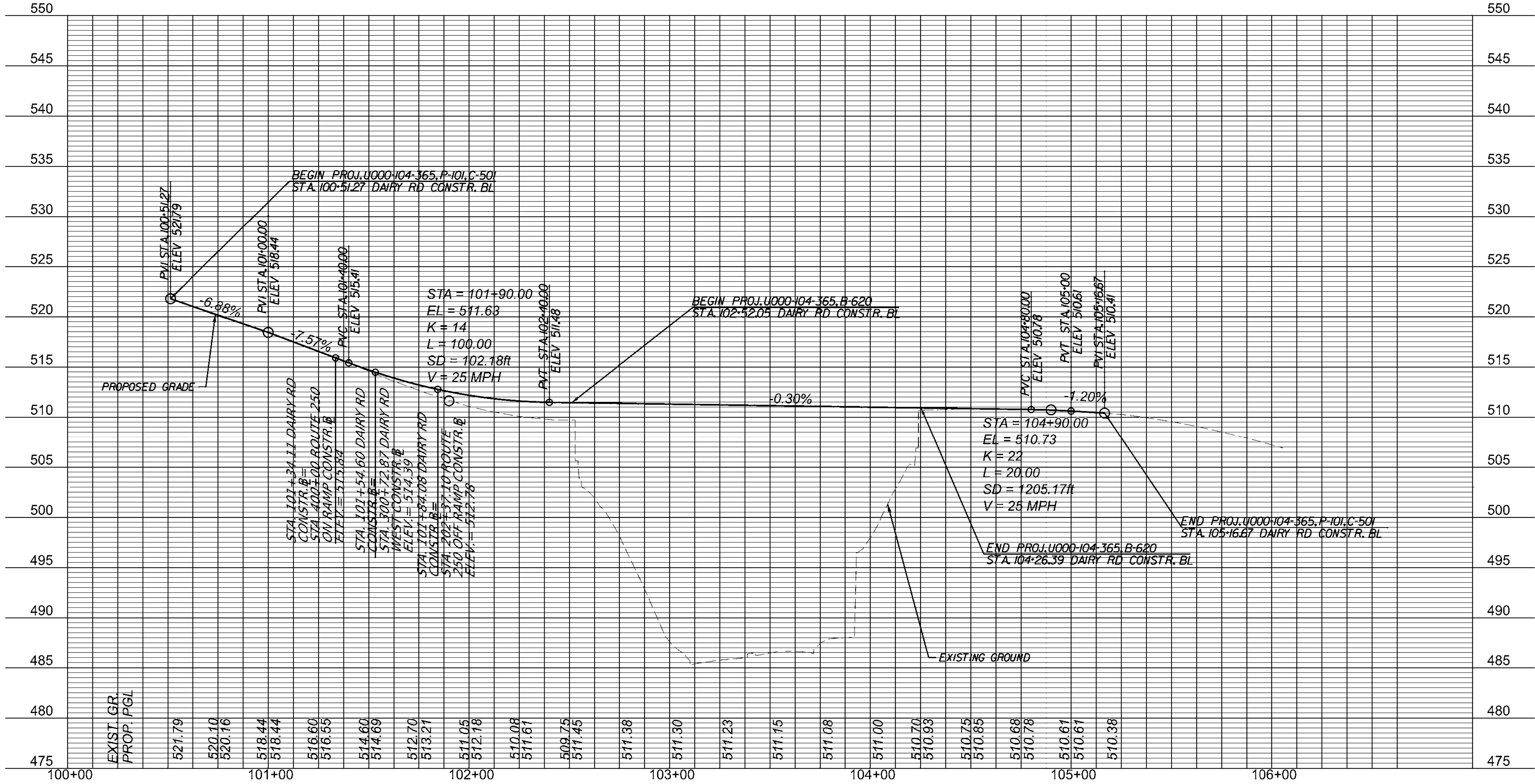
REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	N/A	U000-104-365 P-101 B-620 C-501	3
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT				
Kimley-Horn & Associates Charlottesville, Virginia HYDRAULIC ENGINEER		Kimley-Horn & Associates Charlottesville, Virginia ROADWAY ENGINEER		



PROJECT MANAGER NAJEEBULLAH BEHHAM (434-459-9763)(CITY OF CHARLOTTESVILLE)
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		REVISED	STATE	STATE			SHEET NO
			ROUTE	PROJECT			
			VA.	N/A	U000-104-365 PE-101 RW-201 C-501 B-620		
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Kimley-Horn & Associates Richmond, Virginia HYDRAULIC ENGINEER	Kimley-Horn & Associates Richmond, Virginia ROADWAY ENGINEER						

DAIRY ROAD



PH PLANS

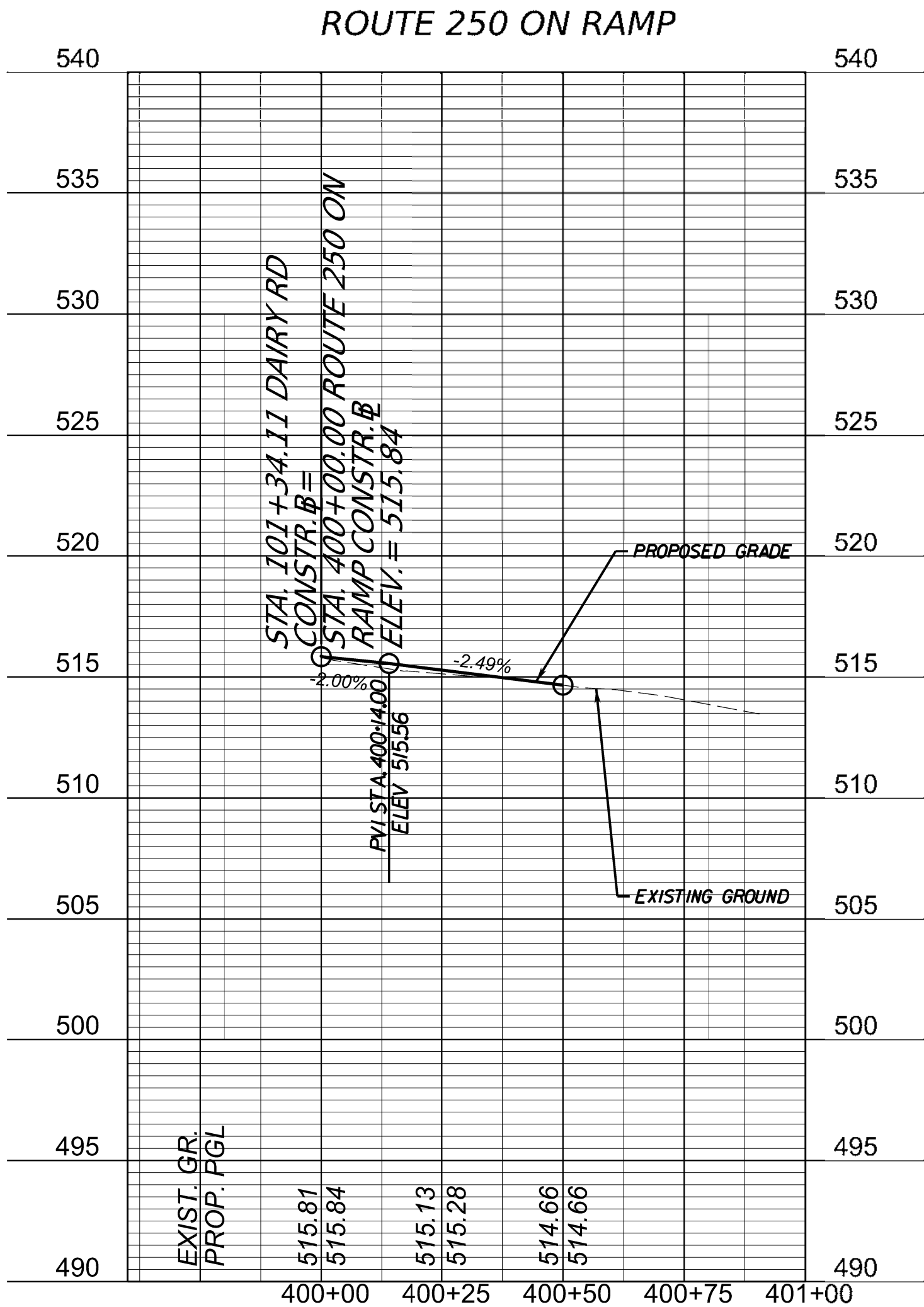
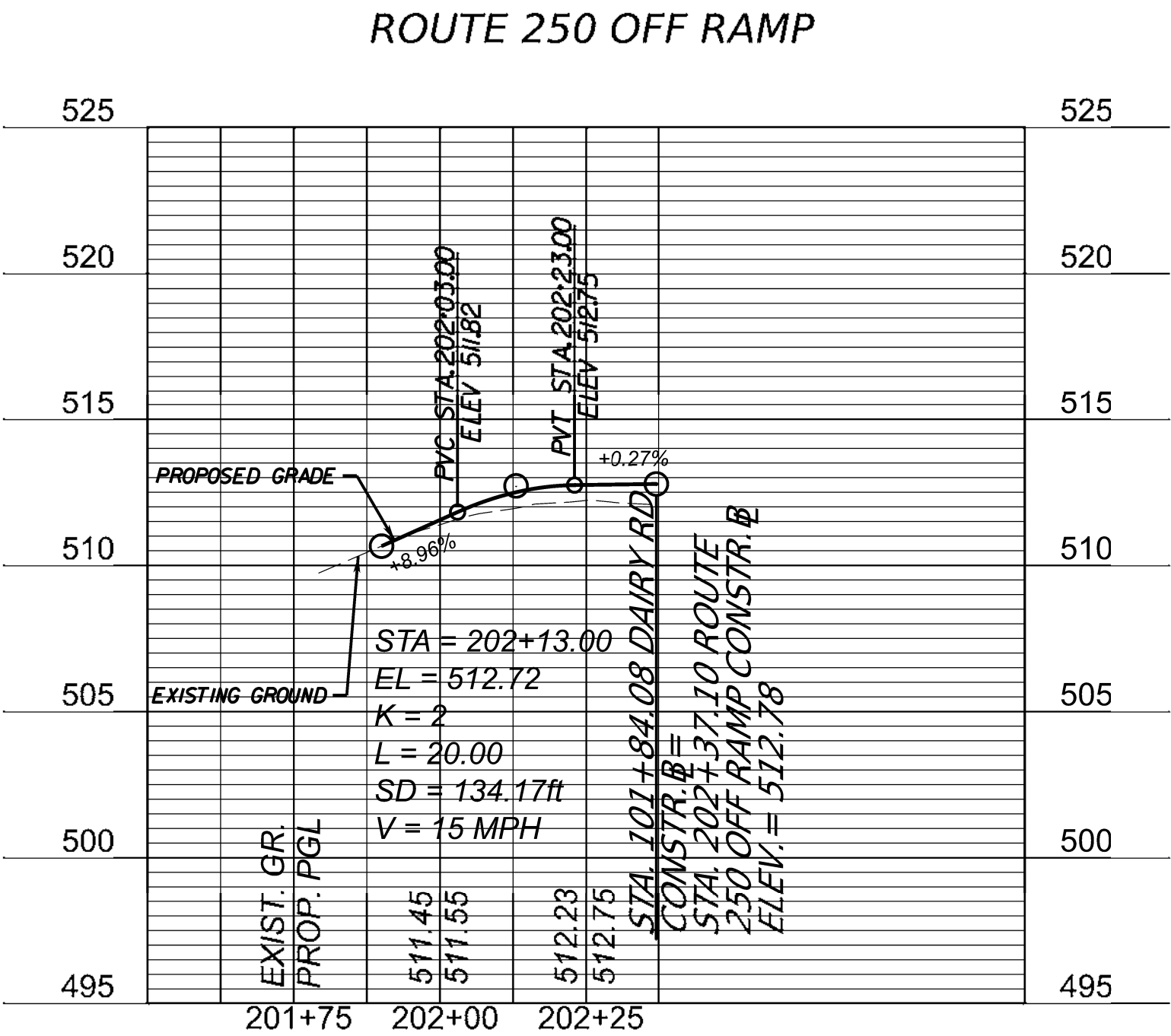
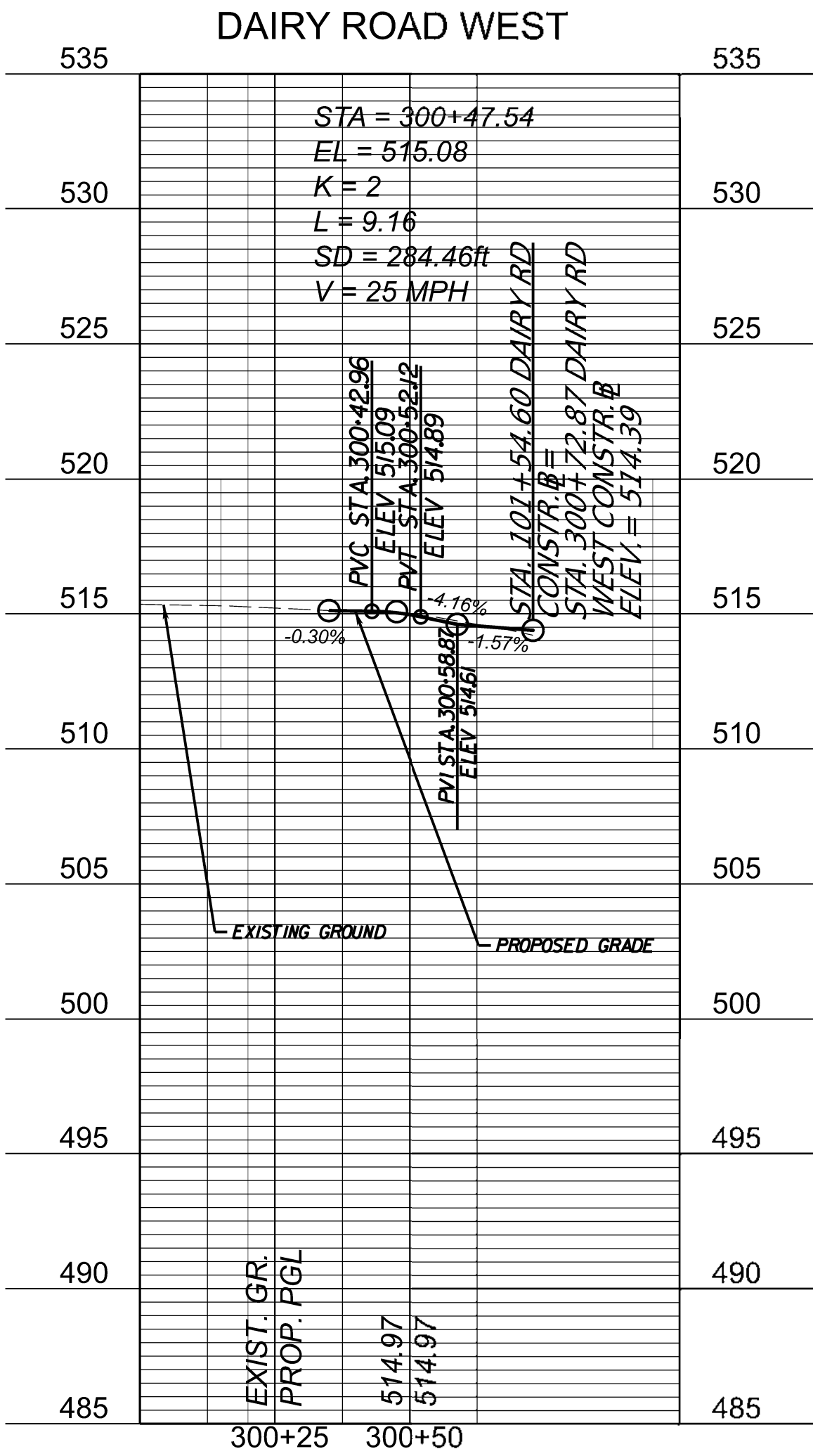
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ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

VERT : 1" = 5'
HORIZ : 1" = 25'

PROJECT MANAGER NAJEEBULLAH BEHHAM (434-459-9763)(CITY OF CHARLOTTESVILLE)
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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	N/A		U000-104-365 PE-101 RW-201 C-501 B-620	3A2
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT					
Kimley-Horn & Associates Richmond, Virginia HYDRAULIC ENGINEER		Kimley-Horn & Associates Richmond, Virginia ROADWAY ENGINEER			



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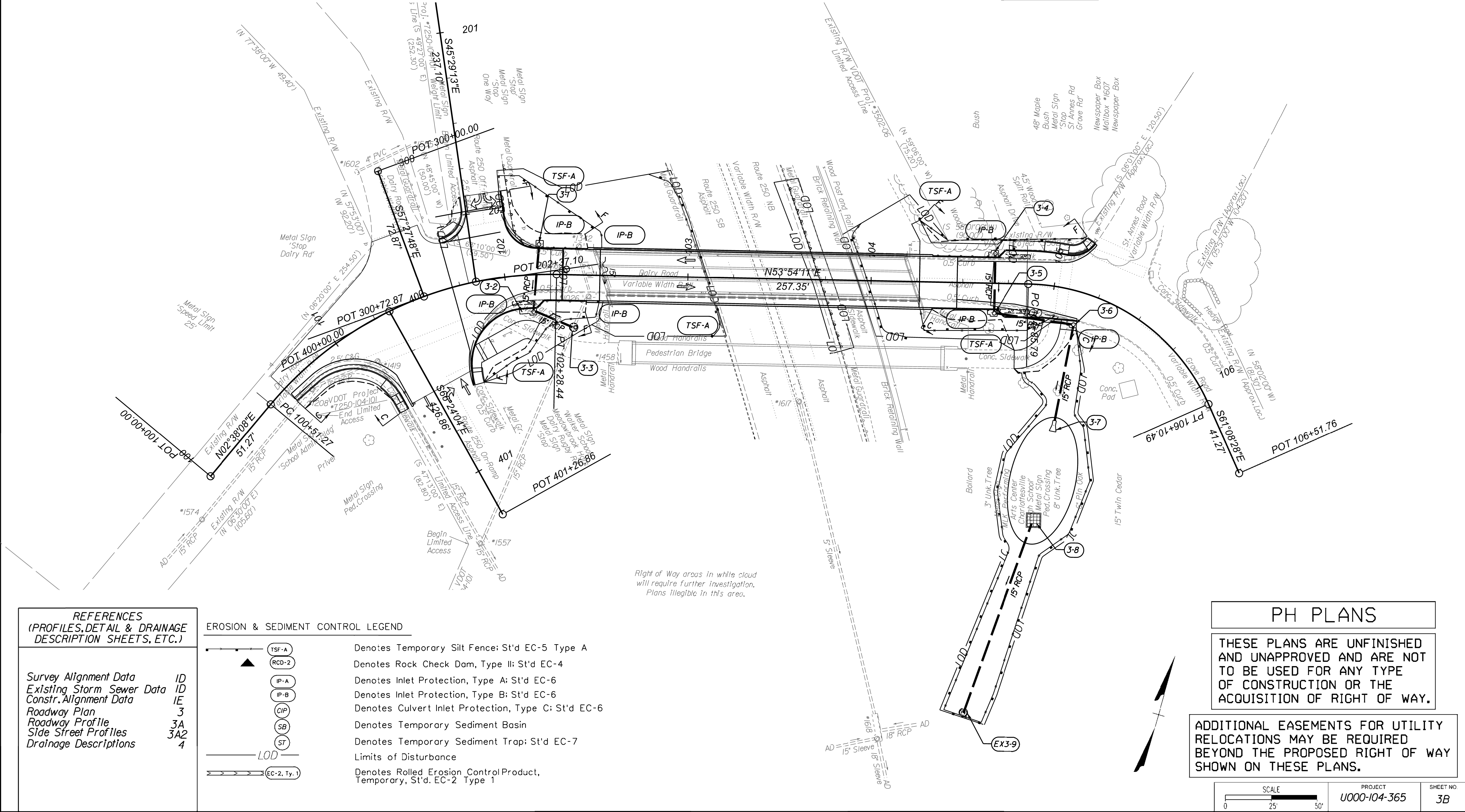
PROJECT MANAGER NAJEEBULLAH BEHHAM (434-459-9763) (CITY OF CHARLOTTESVILLE)
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Kimley-Horn & Associates
Charlottesville, Virginia
HYDRAULIC ENGINEER

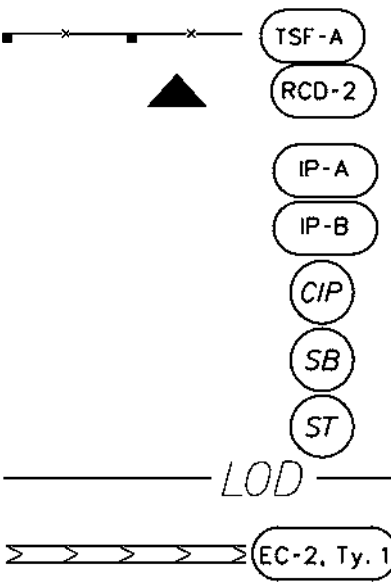
THIS SHEET IS FOR E&S CONTROL ONLY



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

Survey Alignment Data	ID
Existing Storm Sewer Data	ID
Constr. Alignment Data	IE
Roadway Plan	3
Roadway Profile	3A
Side Street Profiles	3A2
Drainage Descriptions	4

EROSION & SEDIMENT CONTROL LEGEND

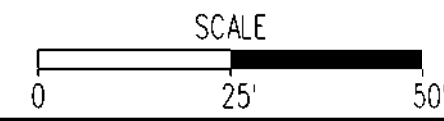


- Denotes Temporary Silt Fence; St'd EC-5 Type A
- Denotes Rock Check Dam, Type II; St'd EC-4
- Denotes Inlet Protection, Type A; St'd EC-6
- Denotes Inlet Protection, Type B; St'd EC-6
- Denotes Culvert Inlet Protection, Type C; St'd EC-6
- Denotes Temporary Sediment Basin
- Denotes Temporary Sediment Trap; St'd EC-7
- Limits of Disturbance
- Denotes Rolled Erosion Control Product, Temporary, St'd. EC-2 Type 1

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PROJECT
U000-104-365

SHEET NO.
3B