SHEET NO.	TOTAL SHEETS
01	22

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION

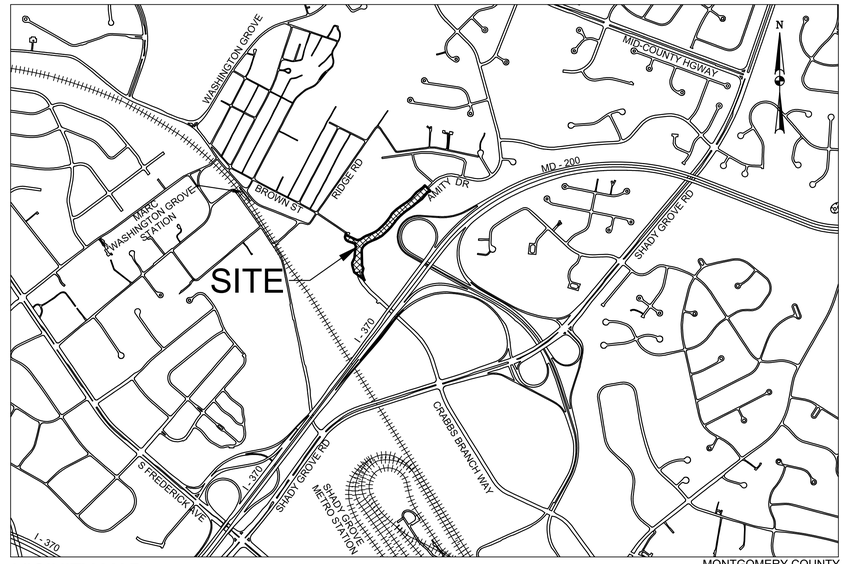
WASHINGTON GROVE CONNECTOR - CRABBS BRANCH WAY EXTENSION

FROM CRABBS BRANCH WAY TO THE TOWN OF WASHINGTON GROVE

CIP PROJECT NO. 509337

INDEX OF SHEETS

SHEET NO.	DWG. NO.	DESCRIPTION
1	G-001	TITLE SHEET
2	G-002	GENERAL NOTES AND LEGEND
3	C-101	TREE CLEARING AND STRIPPING 1 OF 4
4	C-102	TREE CLEARING AND STRIPPING 2 OF 4
5	C-103	TREE CLEARING AND STRIPPING 3 OF 4
6	C-104	TREE CLEARING AND STRIPPING 4 OF 4
7	C-201	TRAIL LAYOUT AND PROFILE 1 OF 4
8	C-202	TRAIL LAYOUT AND PROFILE 2 OF 4
9	C-203	TRAIL LAYOUT AND PROFILE 3 OF 4
10	C-204	TRAIL LAYOUT AND PROFILE 4 OF 4
11	C-205	BROWN STREET PLAN AND PROFILE
12	C-301	ROUGH GRADING PLAN SHEET 1 OF 4
13	C-302	ROUGH GRADING PLAN SHEET 2 OF 4
14	C-303	ROUGH GRADING PLAN SHEET 3 OF 4
15	C-304	ROUGH GRADING PLAN SHEET 4 OF 4
16	C-401	TYPICAL TRAIL CROSS SECTION
17	C-402	CULVERT PLAN AND SECTIONS
18	LD-101	LANDSCAPE PLAN 1 OF 4
19	LD-102	LANDSCAPE PLAN 2 OF 4
20	LD-103	LANDSCAPE PLAN 3 OF 4
21	LD-104	LANDSCAPE PLAN 4 OF 4
22	LD-105	LANDSCAPE NOTES AND DETAILS



VICINITY MAP
SCALE: 1" = 1,000'

MONTGOMERY COUNTY
LENGTH OF PROJECT
WASHINGTON GROVE CONNECTOR TRAIL = 0.36 MILES

15% SUBMITTAL
FEBRUARY, 2023

SHELADIA ASSOCIATES, INC.
Engineers, Architects
Development Consultants
15825 Shady Grove Road, Rockville, MD. 20850
Phone: 301-590-3939 Fax:301-948-7174
www.sheladia.com

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
ROCKVILLE, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section — Date

APPROVED

Chief, Division of Transportation Engineering — Date

Designed by: ____ Drawn by: ____ Checked by: ____

WASHINGTON GROVE
CONNECTOR TRAIL

TITLE SHEET

SCALE :

G-001

Project No. : TBD 01 of 22

FILE: K:\5547 MC DOT\T4 Crabbs Branch Facility Planning Phase II\Engineering\5. CADD\Conceptual 15 Design\SHEETS\G-001.dwg
DATE: Feb 17, 2023 - 4:26pm

ABBREVIATIONS

AASHTO — American Association of State Highway Transportation Officials
ADT — Average Daily Traffic
AHD — Ahead
APPROX. — Approximate
℄ or B/L — Baseline
BK — Back/ Book
BIT. — Bituminous
B.C. — Bituminous Concrete
B.M. — Bench Mark
BOT. — Bottom
C.C. — Center of Curve
CAP — Corrugated Aluminum Pipe
CAPA — Corrugated Aluminum Pipe Arch
CATV — Cable Television
C.B.R. — California Bearing Ratio
℄ or C/L — Centerline
CL. — Class
CLF — Chainlink Fence
CMP — Corrugated Metal Pipe
C.O. — Cleanout
COMB. — Combination
COC. — Concrete
CONSTR. — Construction
COR. — Corner
CORR. — Correction
CPP-S — Corrugated Polyethylene Pipe – Type 'S'
CSP — Corrugated Steel Pipe – Aluminized Type 2
CSPA — Corrugated Steel Pipe Arch – Aluminized Type 2
C — Cut
DC — Degree of Curve
D.H.V. — Desigbn Hourly Volume
D.I. — Drop Inlet
DIA. — Diameter
D.O. — Double Opening
E — East
E — Electric
E — External Distance
EA — Each
EB — Eastbound
ELEV — Elevation
ES — End Section
EX or EXIST — Existing
FT — Feet
F — Fill
FL — Flowline
F.B.D. — Flat bottom Ditch
F.H. — Fire Hydrant
FWD. — Forward
G. — Gas
G.V. — Gas Valve
H.B. — Handbox
HDPE — High Density Polyethylene
HDWL. — Headwall
HERCP — Horizontal Elliptical Reinforced Concrete Pipe
HP — High point
IN — Inch
I.S.T. — Inlet Sediment Trap
INV. — Invert
J.V. — Junction Box
K — K Inlet
L — Length
LF — Linear Feet
L.L — Liquid Limit
LP — Low Point
L.P. — Light Pole
LT. — Left
MAC — Macadam
M.C. — Moisture Content
MAX. — Maximum
M.D.D. — Maximum Dry Content
MOD. — Modified
MIN. — Minimum
N — North
NB — Northbound
NE — Northeast
N.P. — Non-Plastic
O.C. — On Center
OHE — Overhead Electric
O.M. — Optimum Moisture
PAV'T. — Pavement
P.C. — Point of Curvature
P.C.C. — Point of Compound Curvature
P/C — Point of Crown
P/GE — Profile Grade Elevation
P.G.E. — Profile Ground Elevation
P.G.L. — Profile Grade Line
P/GL — Profile Ground Line
P/R — Point of Rotation
P.I. — Plasticity Index
PI — Point of Intersection
POC — Point On Curve
POT — Point of Tangent
PPWP — Polyvinnyl Chloride Profile Wall Pipe
PROP — Proposed
PRC — Point of Reverse Curve
PT — Point
P.T. — Point of Tangency
P.V.C. — Point of Vertical Curve
PVC — Polyvinyl Chloride
P.V.I. — Point of Vertical Intersection
P.V.R.C. — Point of Vertical Reverse Curve
P.V.T. — Point of Vertical Tangency
R — Radius
R.F. — Rock Fragments
RT — Right
RW or R/W — Right of Way
RCP — Reinforced Concrete Pipe
RCPP — Reinforced Concrete Pressure
R.Q.D. — Rock Quality Designation
R.M. — Rootman
S — South
SAN. — Sanitary Sewer
SB or S/B — Southbound
S.D. — Storm Drain
S.D.D. — Surface Drain
S/E — Super Elevation
SF — Silt Fence
SF — Square Feet
SHT. — Sheet
SPP — Structural Steel Plate Pipe
SPPA — Structural Steel Plate Pipe Arch
S.P.T. — Standard Penetration Testing
SRP — Steel Spiral Rib Pipe – Aluminized Type 2
SRPA — Steel Spiral Rib Pipe Arch – Aluminized Type 2
SSD — Stopping Sight Distance
SSF — Super Silt Fence
STD. — Standard
STA. — Station
SO. — Single Opening.
SY — Square Yards
SWM — Stormwater Management
T — Tangent
T — Telephone
T.C. — Top of Cover
T.G. — Top of Grate
T OR TL — Traverse Line
T.M. — Top of Manhole
TRAV. — Traverse
TS — Temporary Swale
T.S. — Top of Slab
T.S. — Topsoil
TYP. — Typical
U.D. — Underdrain
U.G. — Underground
U.P. — Utility Pole
USDA — United States Department of Agriculture
VCL — Vertical Clearance
V.C.L. — Vertical Curve Lenght
W — Water
W — West
WB — Westbound
WB — Wetland Buffer
W.M. — Water Meter
W.S. — Wrapped Steel
WUS — Water of the United States
W.V. — Water Valve

SYMBOLS

EXISTING FEATURES

PROPERTY LINE–RIGHT OF WAY LINE(ROW)
EDGE OF ROADWAY PAVING
CURB OR CURB AND GUTTER
EXISTING GROUND CONTOURS (5') — 55
EXISTING GROUND CONTOURS (1') — 54
WOOD FENCE
WIRE FENCE — X — X
GUARDRAIL
FIRE HYDRANT — FH
EDGE OF WOODED AREAS
TREE (FREE STANDING)
SIGN
MAILBOX — MAIL BOX
UTILITY POLE
STORM DRAIN — SD — SD
SANITARY — SS — SS

PROPOSED FEATURES

℄ CONSTRUCTION — 4+00 — 5+00
CURB & GUTTER
TRAVERSE POINT
LIMIT OF DISTURBANCE — LOD — LOD

GENERAL NOTES

1. EXISTING TOPOGRAPHIC CONDITIONS BASED ON FIELD SURVEY PERFORMED BY AULTEC, INC. DATED SEPTEMBER 28, 2023 AND SPPLEMENTED BY MONTGOMERY COUNTY RECORDS. NO BOUNDARY SURVEY PERFORMED. PROPERTY LINES SHOWN ARE BASED ON AVAILABLE RECORDS.
2. THE HORIZONTAL DATUM OF THIS SURVEY IS NAD83/2011 (MARYLAND COORDINATE SYSTEM) AND THE VERTICAL DATUM IS NAVD88.
3. ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF THE STANDARD SPECIFICATIONS OF THE MARYLAND STATE HIGHWAY ADMINISTRATION, MONTGOMERY COUNTY, AND THE WASHINGTON SUBURBAN SANITARY COMMISSION.
4. CLEARING AND GRUBBING, AND DEMOLITION ARE TO BE LIMITED TO THE LIMIT OF DISTURBANCE (LOD) AS SHOWN ON THE PLANS.
5. INFORMATION CONCERNING UNDERGROUND UTILITIES WAS OBTAINED FROM AVAILABLE RECORDS, BUT THE CONTRACTOR MUST DETERMINE THE EXACT LOCATIONS AND ELEVATIONS OF THE LINES BY DIGGING TEST PITS BY HAND AT ALL UTILITY CROSSINGS, WELL IN ADVANCE OF TRENCHING. IF CLEARANCES ARE LESS THAN SHOWN OR SIX (6) INCHES, WHICHEVER IS LESS, CONTACT MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION'S PROJECT INSPECTOR AND THE APPROPRIATE UTILITY OWNER BEFORE PROCEEDING WITH CONSTRUCTION.
6. CALL "MISS UTILITY" AT 1-800-257-7777 FORTY-EIGHT (48) HOURS PRIOR TO BEGINNING EXCAVATION. THE CONTRACTOR MUST NOTIFY ALL UTILITY COMPANIES WITH UNDERGROUND FACILITIES IN THIS AREA OF PROPOSED EXCAVATION AND HAVE THOSE FACILITIES LOCATED NY THE UTILITY COMPANIES PRIOR TO COMMENCING EXCAVATION.
7. ALL GRADING SHALL BE DONE IN SUCH A MANNER AS TO PROVIDE POSITIVE DRAINAGE.
8. THE CONTRACTOR SHALL MAKE FIELD ADJUSTMENTS TO EXISTING SANITARY MANHOLES TO FINAL GRADE AS NEEDED.
9. RIGHT OF WAY LINES SHOWN ARE NOT OFFICIAL. FOR OFFICIAL RIGHT OF WAY AND EASEMENT INFORMATION SEE APPROPRIATE RIGHT OF WAY PLATS.
10. REPAIRS TO UTILITIES OR PROPERTY DAMAGE AS A RESULT OF THE CONTRACTOR'S NEGLIGENCE OR METHOD OF OPERATION MUST BE MADE AT THE CONTRACTOR'S EXPENSE BEFORE PROCEEDING WITH CONSTRUCTION.
11. ALL DISTURBED AREAS TO BE SEEDED AND MULCHED UNLESS OTHERWISE NOTED. ALL DISTURBED AREAS SHALL BE TOPSOILED PER THE MONTGOMERY COUNTY STANDARDS AND SPECIFICATIONS PRIOR TO FINAL VEGETATIVE STABILIZATION.

DRAWING LEGEND
DEMOLITION LEGEND

SYMBOL	DESCRIPTION	NOTES
	TREE CLEARING AND STRIPPING AREA	1
	REMOVE EXISTING CONCRETE CURB AND GUTTER AT THE NEAREST JOINT	2
	REMOVE EXISTING FENCE	3
	REMOVE EXISTING GUARDRAIL	4
	REMOVE AND RELOCATE EXISTING SIGN	5
X	DEMO NOTE	

DRAWING LEGEND
ROUGH GRADING PLAN LEGEND

SYMBOL	DESCRIPTION	NOTES
	RIP RAP AS PER MDOT SHA DETAIL D-4-1-B	1
	48" Ø REINFORCED CONCRETE PIPE CULVERT	2
	EXISTING MAJOR CONTOUR LINE	3
	EXISTING MINOR CONTOUR LINE	4
	PROPOSED MAJOR CONTOUR LINE	5
	PROPOSED MINOR CONTOUR LINE	6
X	SITE NOTE	

DRAWING LEGEND
TRAIL SITE PLAN LEGEND

SYMBOL	DESCRIPTION	NOTES
	PERVIOUS ASPHALT	

SHELADIA ASSOCIATES, INC.
Engineers, Architects
Development Consultants
15825 Shady Grove Road, Rockville, MD. 20850
Phone: 301-590-3939 Fax:301-948-7174
www.sheladia.com

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
ROCKVILLE, MARYLAND

RECOMMENDED FOR APPROVAL
Chief, Design Section — Date
APPROVED
Chief, Division of Transportation Engineering — Date

Designed by: ___ Drawn by: ___ Checked by: ___

WASHINGTON GROVE CONNECTOR TRAIL

GENERAL NOTES AND LEGEND

SCALE :

G-002

Project No. : TBD 02 of 22

FILE: K:\5547 MC DOT\T4 Crabbs Branch Facility Planning Phase II\Engineering\5. CADD\Conceptual 15 Design\SHEETS\G-001.dwg
DATE: Feb 17, 2023 - 4:28pm

SHEET NO.	TOTAL SHEETS
03	22

DRAWING LEGEND		
DEMOLITION LEGEND		
SYMBOL	DESCRIPTION	NOTES
	TREE CLEARING AND STRIPPING AREA	1
	REMOVE EXISTING CONCRETE CURB AND GUTTER AT THE NEAREST JOINT	2
	REMOVE EXISTING FENCE	3
	REMOVE EXISTING GUARDRAIL	4
	REMOVE AND RELOCATE EXISTING SIGN	5
X	DEMO NOTE	

REFERENCE NOTE:

1. SEE LANDSCAPE DRAWINGS FOR TREE REMOVAL.

GRAPHIC SCALE

20 10 0 20 40

SCALE: 1"=20'-0"
UNIT OF MEASURE: FEET

SHELADIA ASSOCIATES, INC.
Engineers, Architects
Development Consultants
15825 Shady Grove Road, Rockville, MD. 20850
Phone: 301-590-3939 Fax:301-948-7174
www.sheladia.com

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
ROCKVILLE, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section — Date

APPROVED

Chief, Division of Transportation Engineering — Date

Designed by: ___ Drawn by: ___ Checked by: ___

WASHINGTON GROVE CONNECTOR TRAIL

TREE CLEARING AND STRIPPING
1 OF 4

SCALE :

C - 101

Project No.: TBD 03 of 22

FILE: K:\5547 MC DOT\T4 Crabbs Branch Facility Planning Phase II\Engineering\5. CADD\Conceptual 15 Design\SHEETS\C-101 - C-104.dwg
DATE: Feb 16, 2023 - 4:53pm

SHEET NO.	TOTAL SHEETS
04	22

DRAWING LEGEND

DEMOLITION LEGEND

SYMBOL	DESCRIPTION	NOTES
	TREE CLEARING AND STRIPPING AREA	1
X	DEMO NOTE	

REFERENCE NOTE:

1. SEE LANDSCAPE DRAWINGS FOR TREE REMOVAL.

GRAPHIC SCALE

20 10 0 20 40

SCALE: 1"=20'-0"
UNIT OF MEASURE: FEET

SHELADIA ASSOCIATES INC.
Engineers, Architects
Development Consultants
15825 Shady Grove Road, Rockville, MD. 20850
Phone: 301-590-3939 Fax:301-948-7174
www.sheladia.com

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
ROCKVILLE, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section — Date

APPROVED

Chief, Division of Transportation Engineering — Date

Designed by: ____ Drawn by: ____ Checked by: ____

WASHINGTON GROVE CONNECTOR TRAIL

TREE CLEARING AND STRIPPING 2 OF 4

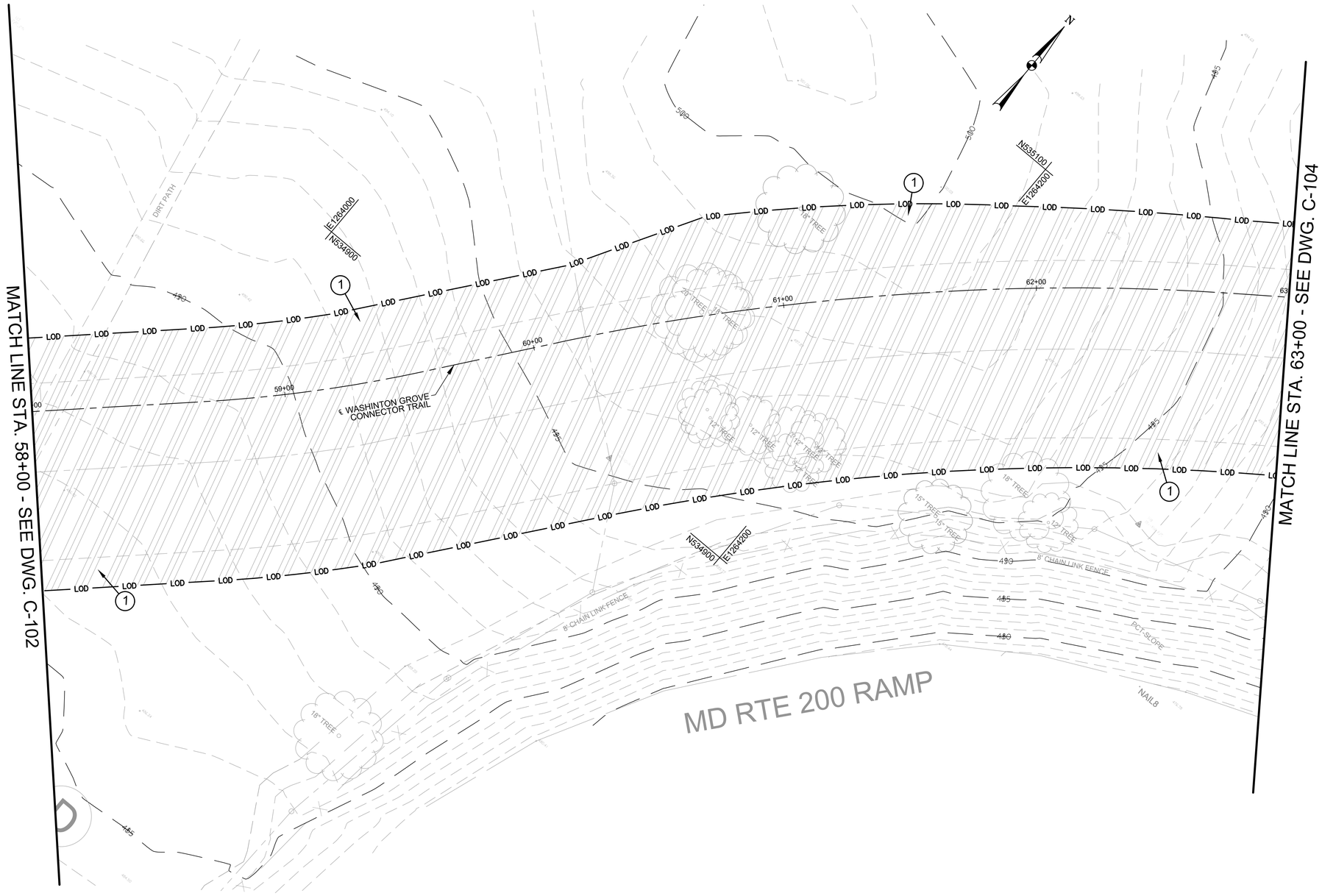
SCALE :

C - 102

Project No. : TBD 04 of 22

FILE: K:\5547 MC DOT\T4 Crabbs Branch Facility Planning Phase II\Engineering\5. CADD\Conceptual 15 Design\SHEETS\C-101 - C-104.dwg
DATE: Feb 16, 2023 - 4:54pm

SHEET NO.	TOTAL SHEETS
05	22



DRAWING LEGEND

DEMOLITION LEGEND

SYMBOL	DESCRIPTION	NOTES
	TREE CLEARING AND STRIPPING AREA	1
X	DEMO NOTE	

REFERENCE NOTE:

1. SEE LANDSCAPE DRAWINGS FOR TREE REMOVAL.

GRAPHIC SCALE

20 10 0 20 40

SCALE: 1"=20'-0"
UNIT OF MEASURE: FEET

SHELADIA ASSOCIATES, INC.
Engineers, Architects
Development Consultants
15825 Shady Grove Road, Rockville, MD. 20850
Phone: 301-590-3939 Fax:301-948-7174
www.sheladia.com

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
ROCKVILLE, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section — Date

APPROVED

Chief, Division of Transportation Engineering — Date

Designed by: ____ Drawn by: ____ Checked by: ____

WASHINGTON GROVE CONNECTOR TRAIL

TREE CLEARING AND STRIPPING
3 OF 4

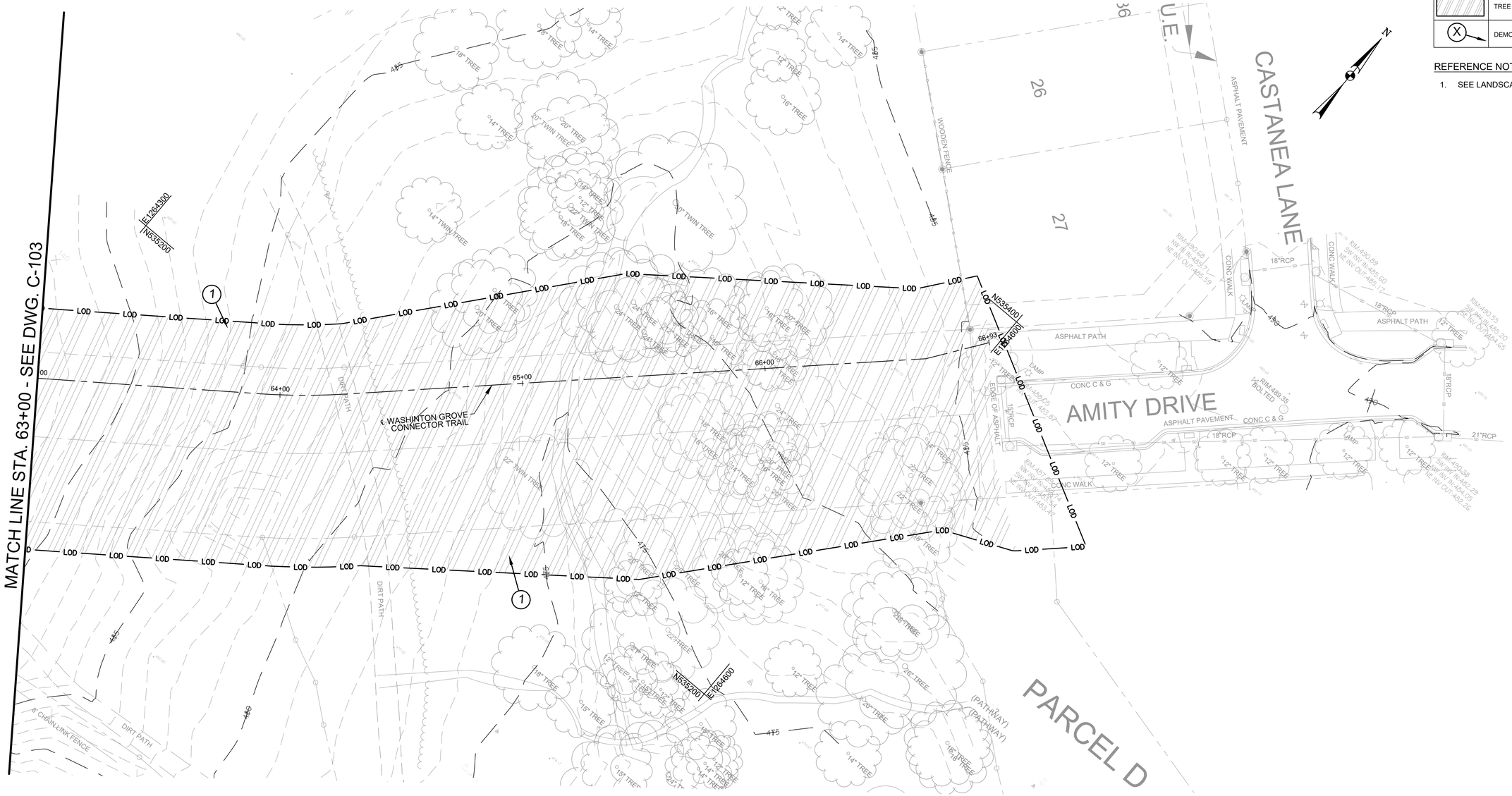
SCALE :

C - 103

Project No. : TBD 05 of 22

FILE: K:\5547 MC DOT\T4 Crabbs Branch Facility Planning Phase II\Engineering\5. CADD\Conceptual 15 Design\SHEETS\C-101 - C-104.dwg
DATE: Feb 16, 2023 - 4:55pm

SHEET NO.	TOTAL SHEETS
06	22



DRAWING LEGEND

DEMOLITION LEGEND

SYMBOL	DESCRIPTION	NOTES
	TREE CLEARING AND STRIPPING AREA	1
X	DEMO NOTE	

REFERENCE NOTE:

1. SEE LANDSCAPE DRAWINGS FOR TREE REMOVAL.

GRAPHIC SCALE

20 10 0 20 40

SCALE: 1"=20'-0"
UNIT OF MEASURE: FEET

SHELADIA ASSOCIATES, INC.
Engineers, Architects
Development Consultants
15825 Shady Grove Road, Rockville, MD. 20850
Phone: 301-590-3939 Fax:301-948-7174
www.sheladia.com

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
ROCKVILLE, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section — Date

APPROVED

Chief, Division of Transportation Engineering — Date

Designed by: ____ Drawn by: ____ Checked by: ____

WASHINGTON GROVE CONNECTOR TRAIL

TREE CLEARING AND STRIPPING
4 OF 4

SCALE :

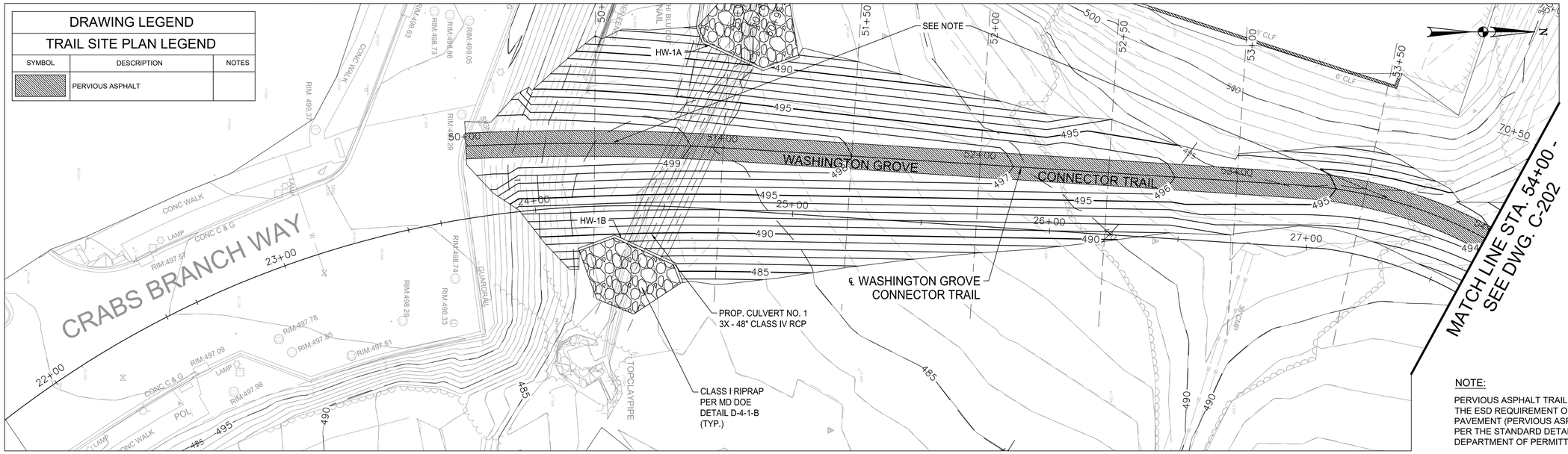
C - 104

Project No. : TBD — 06 of 22

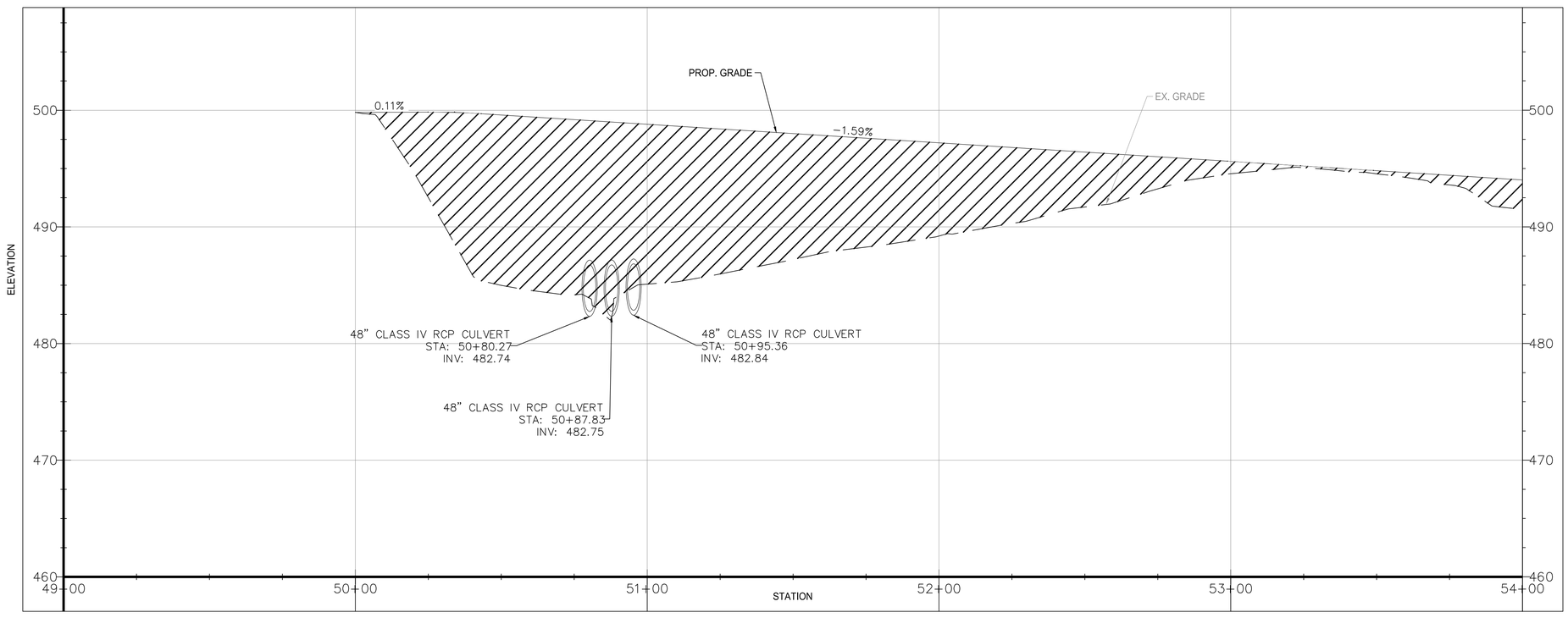
FILE: K:\5547 MC DOT\T4 Crabbs Branch Facility Planning Phase II\Engineering\5. CADD\Conceptual 15 Design\SHEETS\C-101 - C-104.dwg
DATE: Feb 16, 2023 - 4:56pm

SHEET NO.	TOTAL SHEETS
07	22

DRAWING LEGEND		
TRAIL SITE PLAN LEGEND		
SYMBOL	DESCRIPTION	NOTES
	PERVIOUS ASPHALT	



PLAN VIEW:
1" = 20'



PROFILE VIEW:
H: 1" = 20'
V: 1" = 5'

NOTE:

PERVIOUS ASPHALT TRAIL HAS BEEN PROPOSED TO MEET THE ESD REQUIREMENT OF THE PROJECT. PERMEABLE PAVEMENT (PERVIOUS ASPHALT) WILL BE INSTALLED AS PER THE STANDARD DETAILS OF THE MONTGOMERY COUNTY DEPARTMENT OF PERMITTING SERVICE.

REFERENCE NOTE:

1. FOR GENERAL NOTES, SEE DRAWING G-002.
2. FOR PERVIOUS ASPHALT DETAIL, SEE DRAWING C-401, DETAIL 1.

GRAPHIC SCALE

H: 20 10 0 20 40
SCALE: 1"=20'-0"
UNIT OF MEASURE: FEET

V: 5 2.5 0 5 10
SCALE: 1"=5'-0"
UNIT OF MEASURE: FEET

SHELADIA ASSOCIATES, INC.
Engineers, Architects
Development Consultants
15825 Shady Grove Road, Rockville, MD. 20850
Phone: 301-590-3939 Fax:301-948-7174
www.sheladia.com

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
ROCKVILLE, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section — Date

APPROVED

Chief, Division of Transportation Engineering — Date

Designed by: ___ Drawn by: ___ Checked by: ___

WASHINGTON GROVE CONNECTOR TRAIL

TRAIL SITE PLAN AND PROFILE
1 OF 4

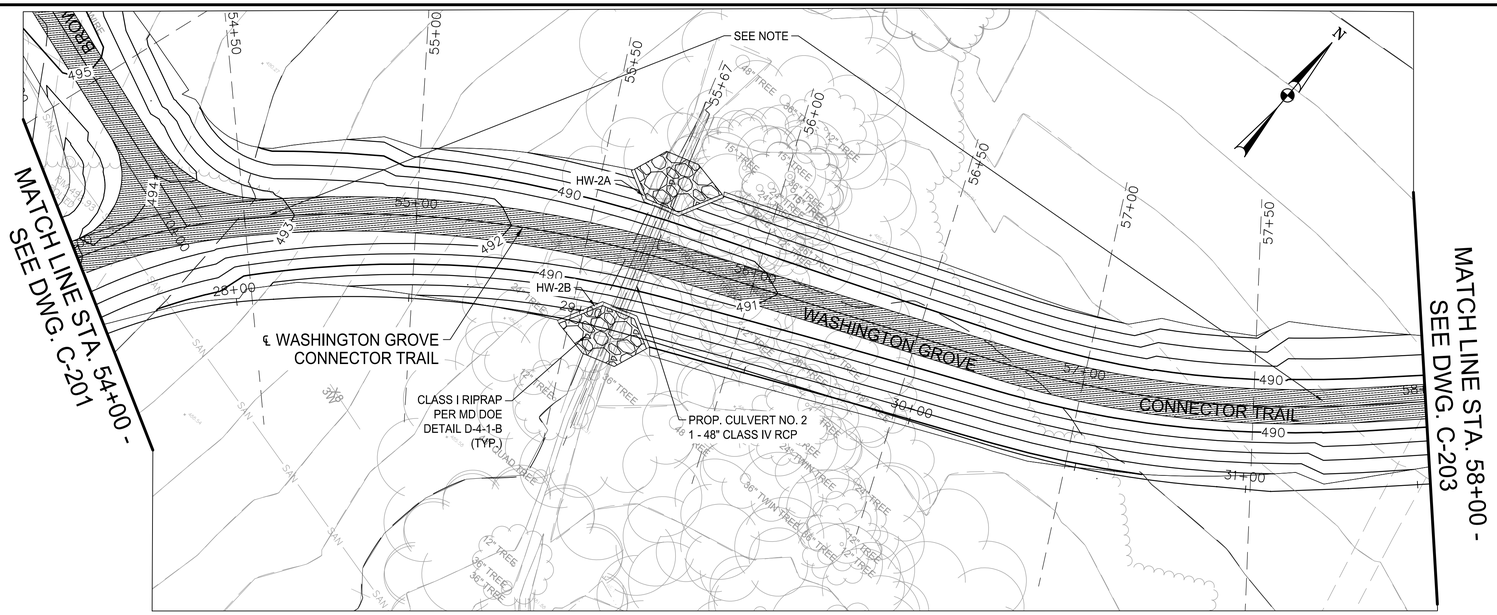
SCALE :

C - 201

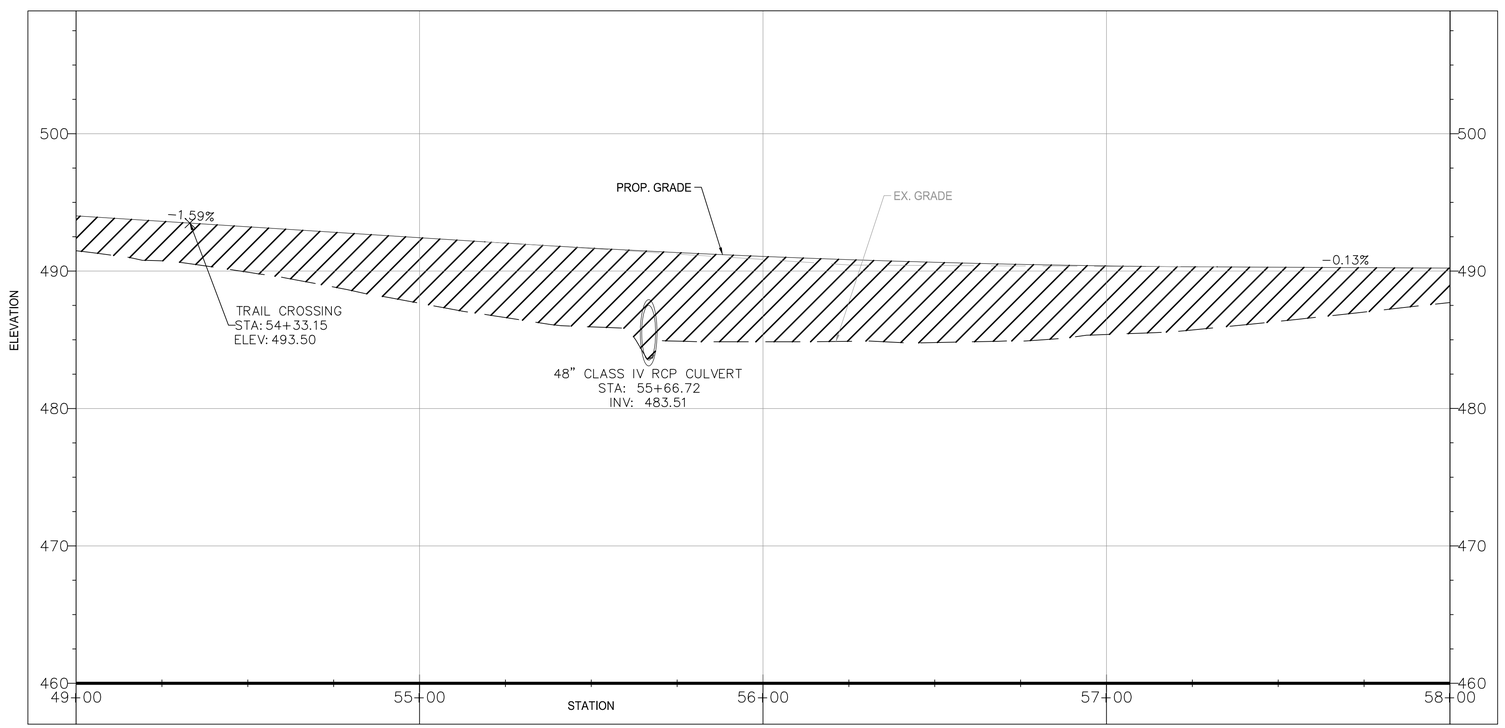
Project No.: TBD 07 of 22

FILE: K:\5547 MC DOT\T4 Crabbs Branch Facility Planning Phase II\Engineering\5. CADD\Conceptual 15 Design\SHEETS\C-201 - C-205.dwg
DATE: Feb 17, 2023 - 4:41pm

DRAWING LEGEND		
TRAIL SITE PLAN LEGEND		
SYMBOL	DESCRIPTION	NOTES
	PERVIOUS ASPHALT	



PLAN VIEW:
1" = 20'



PROFILE VIEW:
H: 1" = 20'
V: 1" = 5'

NOTE:

PERVIOUS ASPHALT TRAIL HAS BEEN PROPOSED TO MEET THE ESD REQUIREMENT OF THE PROJECT. PERMEABLE PAVEMENT (PERVIOUS ASPHALT) WILL BE INSTALLED AS PER THE STANDARD DETAILS OF THE MONTGOMERY COUNTY DEPARTMENT OF PERMITTING SERVICE.

REFERENCE NOTE:

1. FOR GENERAL NOTES, SEE DRAWING G-002.
2. FOR PERVIOUS ASPHALT DETAIL, SEE DRAWING C-401, DETAIL 1.

GRAPHIC SCALE

H: 20 10 0 20 40
SCALE: 1"=20'-0"
UNIT OF MEASURE: FEET

V: 5 2.5 0 5 10
SCALE: 1"=5'-0"
UNIT OF MEASURE: FEET

SHELADIA ASSOCIATES, INC.
Engineers, Architects
Development Consultants
18825 Shady Grove Road, Rockville, MD. 20850
Phone: 301-590-3939 Fax:301-948-7174
www.sheladia.com

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
ROCKVILLE, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section — Date

APPROVED

Chief, Division of Transportation Engineering — Date

Designed by: ____ Drawn by: ____ Checked by: ____

WASHINGTON GROVE CONNECTOR TRAIL

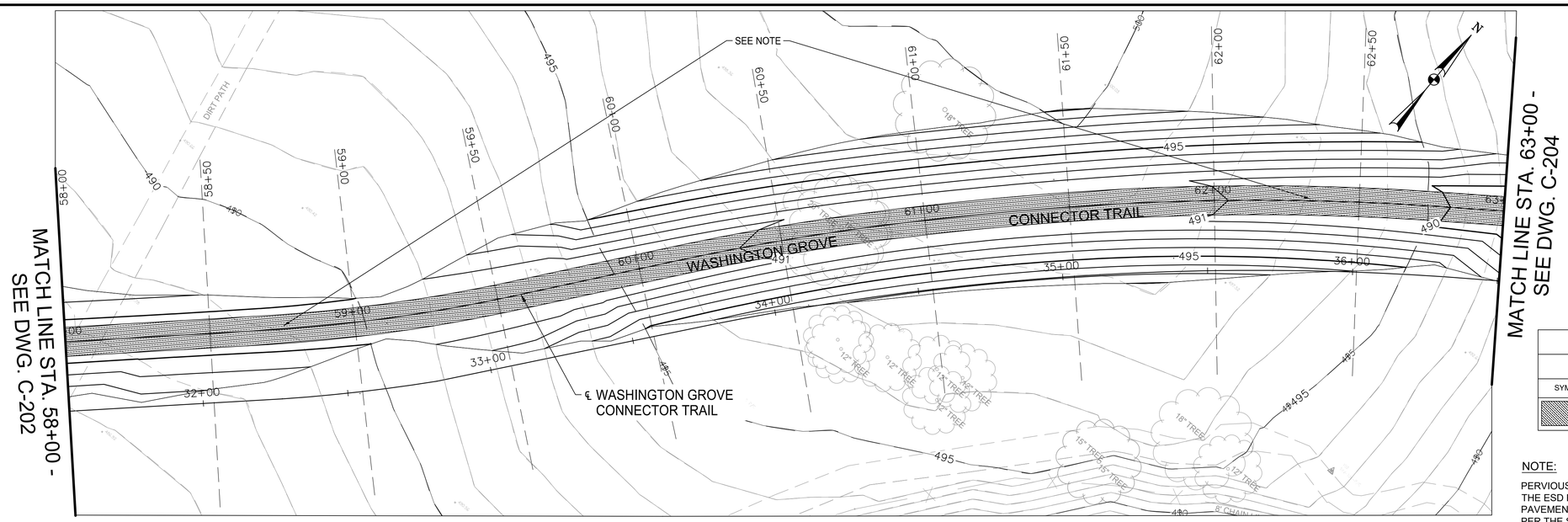
TRAIL SITE PLAN AND PROFILE
2 OF 4

SCALE :

C - 202

Project No.: TBD 08 of 22

SHEET NO.	TOTAL SHEETS
09	22

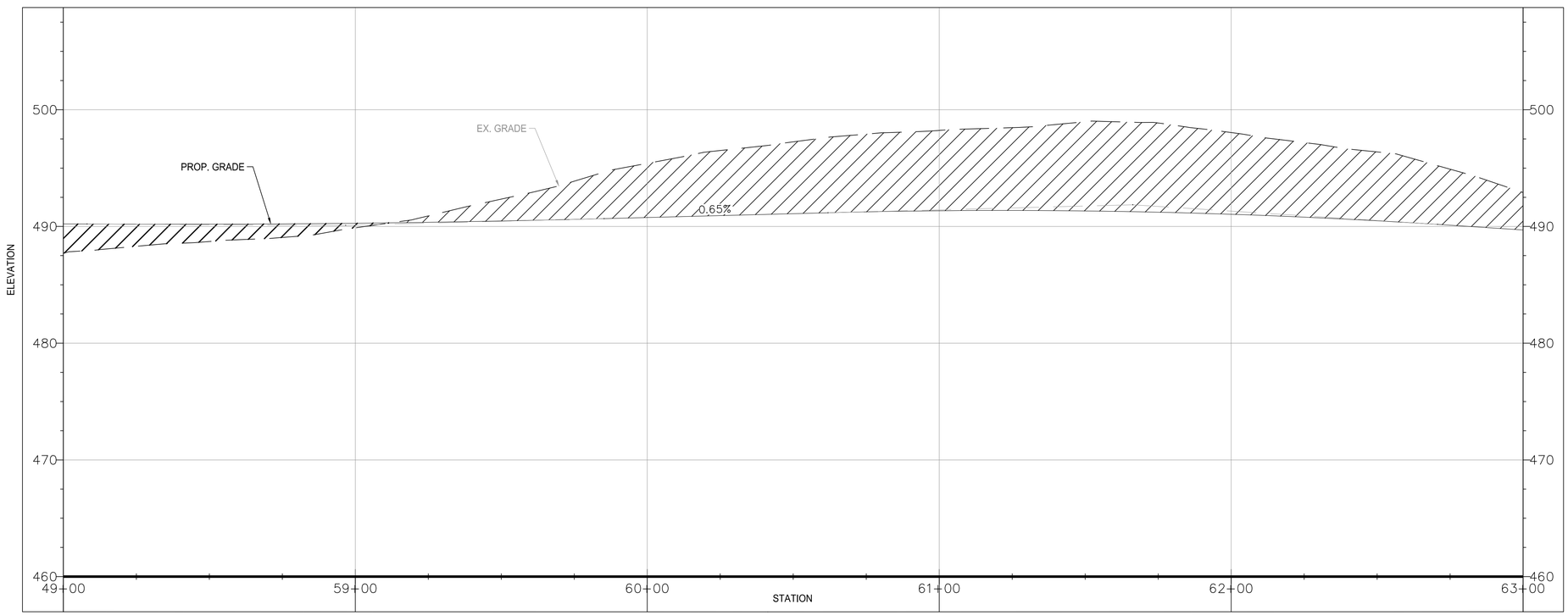


PLAN VIEW:
1" = 20'

DRAWING LEGEND		
TRAIL SITE PLAN LEGEND		
SYMBOL	DESCRIPTION	NOTES
	PERVIOUS ASPHALT	

NOTE:

PERVIOUS ASPHALT TRAIL HAS BEEN PROPOSED TO MEET THE ESD REQUIREMENT OF THE PROJECT. PERMEABLE PAVEMENT (PERVIOUS ASPHALT) WILL BE INSTALLED AS PER THE STANDARD DETAILS OF THE MONTGOMERY COUNTY DEPARTMENT OF PERMITTING SERVICE.



PROFILE VIEW:
H: 1" = 20'
V: 1" = 5'

REFERENCE NOTE:

1. FOR GENERAL NOTES, SEE DRAWING G-002.
2. FOR PERVIOUS ASPHALT DETAIL, SEE DRAWING C-401, DETAIL 1.

GRAPHIC SCALE

H: 20 10 0 20 40
SCALE: 1"=20'-0"
UNIT OF MEASURE: FEET

V: 5 2.5 0 5 10
SCALE: 1"=5'-0"
UNIT OF MEASURE: FEET

SHELADIA ASSOCIATES, INC.
Engineers, Architects
Development Consultants
15825 Shady Grove Road, Rockville, MD. 20850
Phone: 301-590-3939 Fax:301-948-7174
www.sheladia.com

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
ROCKVILLE, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section — Date

APPROVED

Chief, Division of Transportation Engineering — Date

Designed by: ____ Drawn by: ____ Checked by: ____

WASHINGTON GROVE CONNECTOR TRAIL

TRAIL SITE PLAN AND PROFILE
3 OF 4

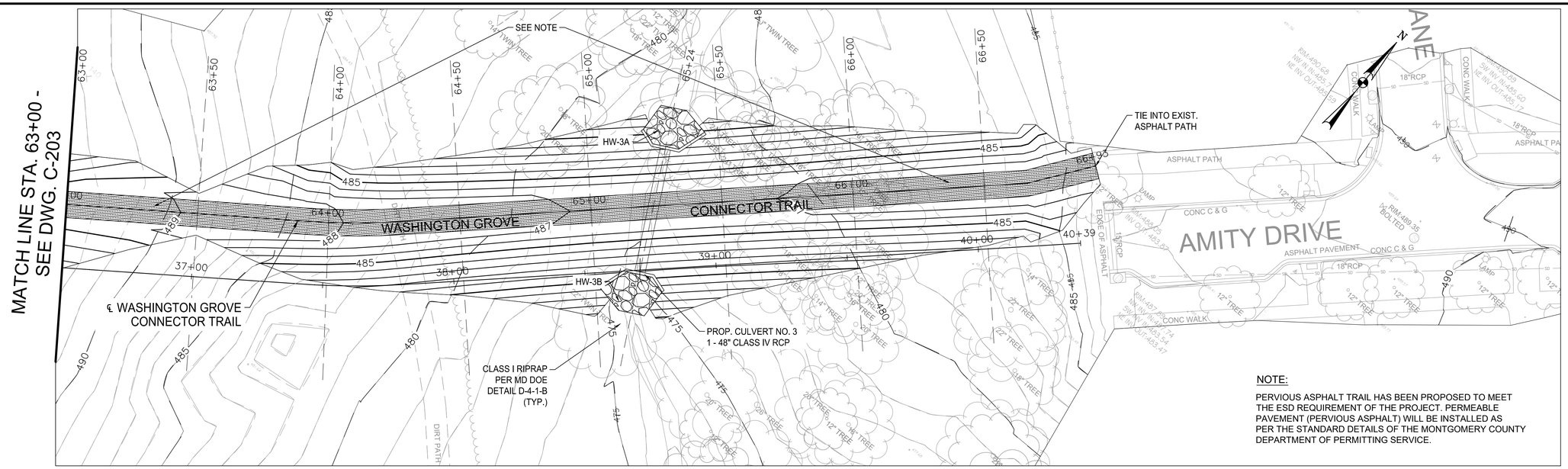
SCALE :

C - 203

Project No.: TBD 09 of 22

FILE: K:\5547 MC DOT\T4 Crabbs Branch Facility Planning Phase II\Engineering\5. CADD\Conceptual 15 Design\SHEETS\C-201 - C-205.dwg
DATE: Feb 17, 2023 - 4:43pm

SHEET NO.	TOTAL SHEETS
10	22

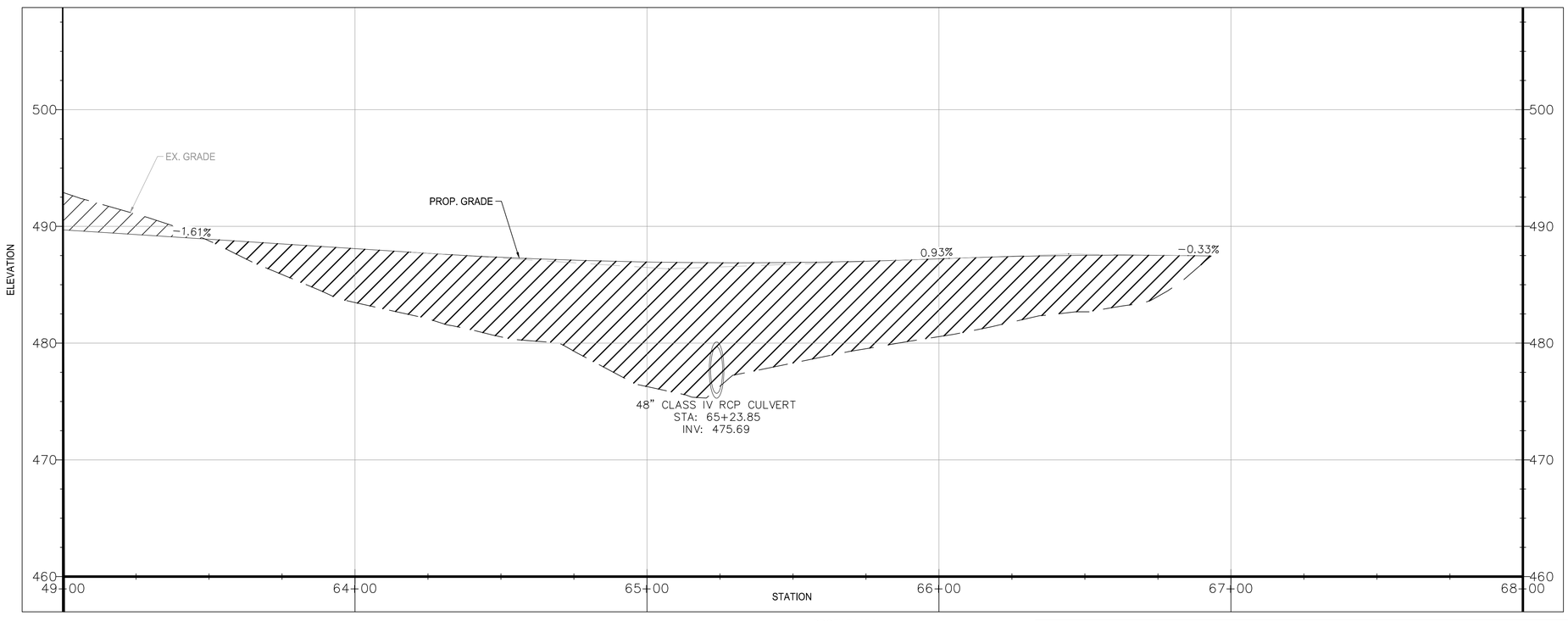


PLAN VIEW:
1" = 20'

NOTE:

PERVIOUS ASPHALT TRAIL HAS BEEN PROPOSED TO MEET THE ESD REQUIREMENT OF THE PROJECT. PERMEABLE PAVEMENT (PERVIOUS ASPHALT) WILL BE INSTALLED AS PER THE STANDARD DETAILS OF THE MONTGOMERY COUNTY DEPARTMENT OF PERMITTING SERVICE.

DRAWING LEGEND		
TRAIL SITE PLAN LEGEND		
SYMBOL	DESCRIPTION	NOTES
	PERVIOUS ASPHALT	



PROFILE VIEW:
H: 1" = 20'
V: 1" = 5'

REFERENCE NOTE:

1. FOR GENERAL NOTES, SEE DRAWING G-002.
2. FOR PERVIOUS ASPHALT DETAIL, SEE DRAWING C-401, DETAIL 1.

GRAPHIC SCALE

H: 20 10 0 20 40
SCALE: 1"=20'-0"
UNIT OF MEASURE: FEET

V: 5 2.5 0 5 10
SCALE: 1"=5'-0"
UNIT OF MEASURE: FEET

SHELADIA ASSOCIATES, INC.
Engineers, Architects
Development Consultants
15825 Shady Grove Road, Rockville, MD. 20850
Phone: 301-590-3939 Fax:301-948-7174
www.sheladia.com

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
ROCKVILLE, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section — Date

APPROVED

Chief, Division of Transportation Engineering — Date

Designed by: ____ Drawn by: ____ Checked by: ____

WASHINGTON GROVE CONNECTOR TRAIL

TRAIL SITE PLAN AND PROFILE
4 OF 4

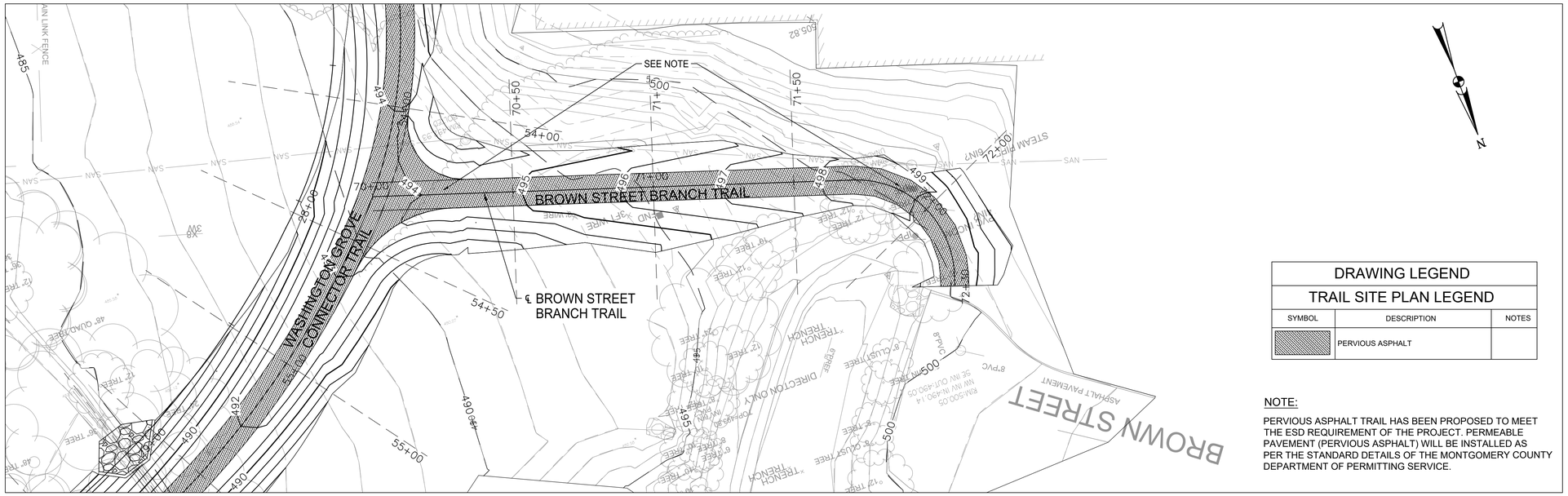
SCALE :

C - 204

Project No. : TBD. 10 of 22

FILE: K:\5547 MC DOT\T4 Crabbs Branch Facility Planning Phase II\Engineering\5. CADD\Conceptual 15 Design\SHEETS\C-201 - C-205.dwg
DATE: Feb 17, 2023 - 4:44pm

SHEET NO.	TOTAL SHEETS
11	22



PLAN VIEW:
1" = 20'

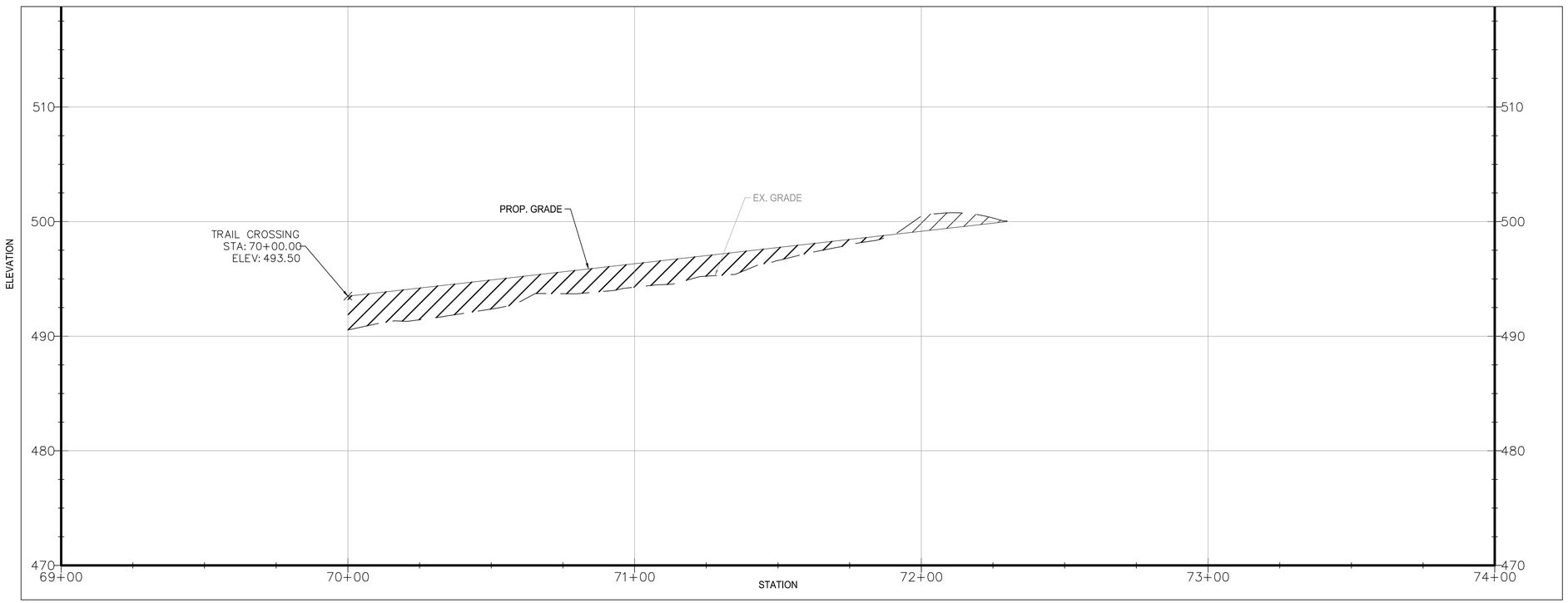
DRAWING LEGEND

TRAIL SITE PLAN LEGEND

SYMBOL	DESCRIPTION	NOTES
	PERVIOUS ASPHALT	

NOTE:

PERVIOUS ASPHALT TRAIL HAS BEEN PROPOSED TO MEET THE ESD REQUIREMENT OF THE PROJECT. PERMEABLE PAVEMENT (PERVIOUS ASPHALT) WILL BE INSTALLED AS PER THE STANDARD DETAILS OF THE MONTGOMERY COUNTY DEPARTMENT OF PERMITTING SERVICE.



PROFILE VIEW:
H: 1" = 20'
V: 1" = 5'

REFERENCE NOTE:

1. FOR GENERAL NOTES, SEE DRAWING G-002.
2. FOR PERVIOUS ASPHALT DETAIL, SEE DRAWING C-401, DETAIL 1.

GRAPHIC SCALE

H: 20 10 0 20 40
SCALE: 1"=20'-0"
UNIT OF MEASURE: FEET

V: 5 2.5 0 5 10
SCALE: 1"=5'-0"
UNIT OF MEASURE: FEET

SHELADIA ASSOCIATES, INC.
Engineers, Architects
Development Consultants
15825 Shady Grove Road, Rockville, MD. 20850
Phone: 301-590-3939 Fax:301-948-7174
www.sheladia.com

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
ROCKVILLE, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section — Date

APPROVED

Chief, Division of Transportation Engineering — Date

Designed by: ____ Drawn by: ____ Checked by: ____

WASHINGTON GROVE CONNECTOR TRAIL

BROWN STREET BRANCH TRAIL SITE PLAN AND PROFILE

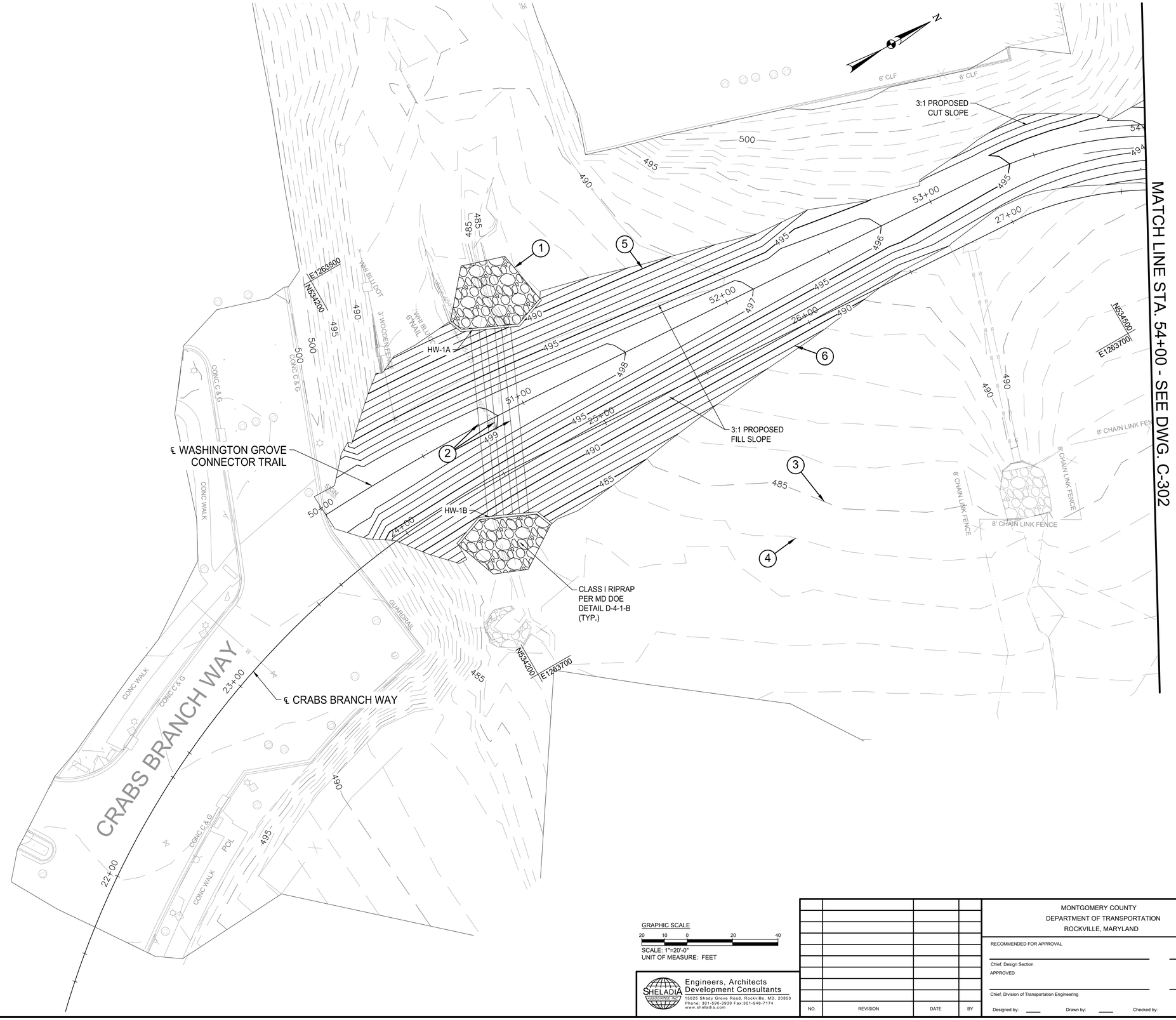
SCALE :

C - 205

Project No.: TBD 11 of 22

FILE: K:\5547 MC DOT\T4 Crabbs Branch Facility Planning Phase II\Engineering\5. CADD\Conceptual 15 Design\SHEETS\C-201 - C-205.dwg
DATE: Feb 17, 2023 - 4:44pm

SHEET NO.	TOTAL SHEETS
12	22



SHEET KEY NOTES	
1	CLASS I RIP RAP AS PER MDE DETAIL D-4-1-B
2	48" Ø CLASS IV RCP CULVERT
3	EXISTING MAJOR CONTOUR LINE
4	EXISTING MINOR CONTOUR LINE
5	PROPOSED MAJOR CONTOUR LINE
6	PROPOSED MINOR CONTOUR LINE

NOTES:

1. FOR GENERAL NOTES, SEE DRAWING G-002.
2. FOR TRAIL ALIGNMENT/PROFILE AND CULVERT PIPE INFORMATION, SEE DRAWINGS C-201 THROUGH C-204.

GRAPHIC SCALE

20 10 0 20 40

SCALE: 1"=20'-0"
UNIT OF MEASURE: FEET

SHELADIA ASSOCIATES, INC.
Engineers, Architects
Development Consultants
15825 Shady Grove Road, Rockville, MD. 20850
Phone: 301-590-3939 Fax:301-948-7174
www.sheladia.com

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
ROCKVILLE, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section — Date

APPROVED

Chief, Division of Transportation Engineering — Date

Designed by: ____ Drawn by: ____ Checked by: ____

WASHINGTON GROVE CONNECTOR TRAIL

ROUGH GRADING PLAN SHEET 1 OF 4

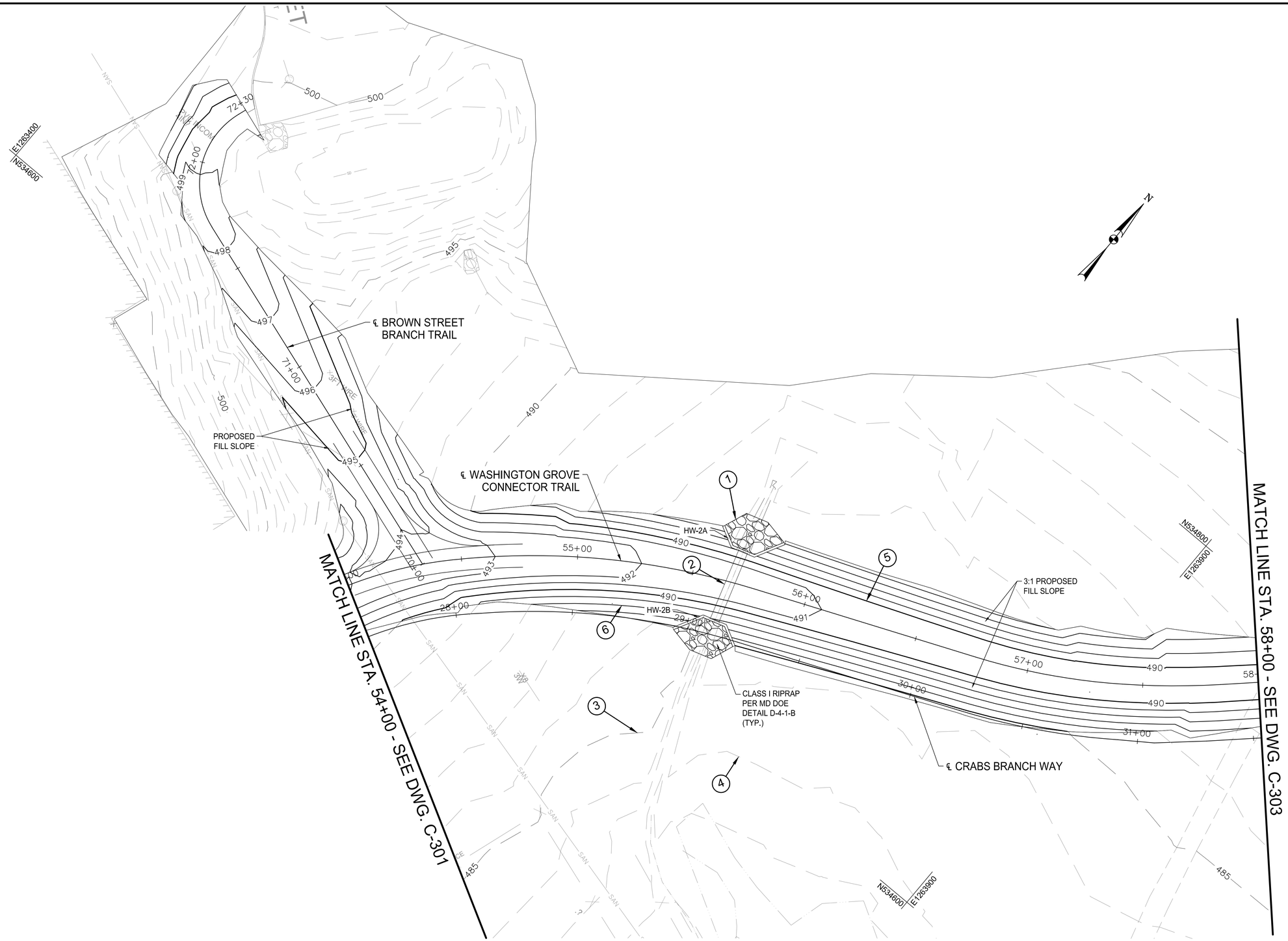
SCALE :

C-301

Project No. : TBD 12 of 22

FILE: K:\5547 MC DOT\T4 Crabbs Branch Facility Planning Phase II\Engineering\5. CADD\Conceptual 15 Design\SHEETS\C-301 - C-304.dwg
DATE: Feb 17, 2023 - 4:48pm

SHEET NO.	TOTAL SHEETS
13	22



SHEET KEY NOTES	
1	CLASS I RIP RAP AS PER MDE DETAIL D-4-1-B
2	48" Ø CLASS IV RCP CULVERT
3	EXISTING MAJOR CONTOUR LINE
4	EXISTING MINOR CONTOUR LINE
5	PROPOSED MAJOR CONTOUR LINE
6	PROPOSED MINOR CONTOUR LINE

NOTES:

1. FOR GENERAL NOTES, SEE DRAWING G-002.
2. FOR TRAIL ALIGNMENT/PROFILE AND CULVERT PIPE INFORMATION, SEE DRAWINGS C-201 THROUGH C-204.

GRAPHIC SCALE

20 10 0 20 40

SCALE: 1"=20'-0"
UNIT OF MEASURE: FEET

SHELADIA ASSOCIATES, INC.
Engineers, Architects
Development Consultants
15825 Shady Grove Road, Rockville, MD. 20850
Phone: 301-590-3939 Fax:301-948-7174
www.sheladia.com

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
ROCKVILLE, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section — Date

APPROVED

Chief, Division of Transportation Engineering — Date

Designed by: ____ Drawn by: ____ Checked by: ____

WASHINGTON GROVE CONNECTOR TRAIL

ROUGH GRADING PLAN SHEET 2 OF 4

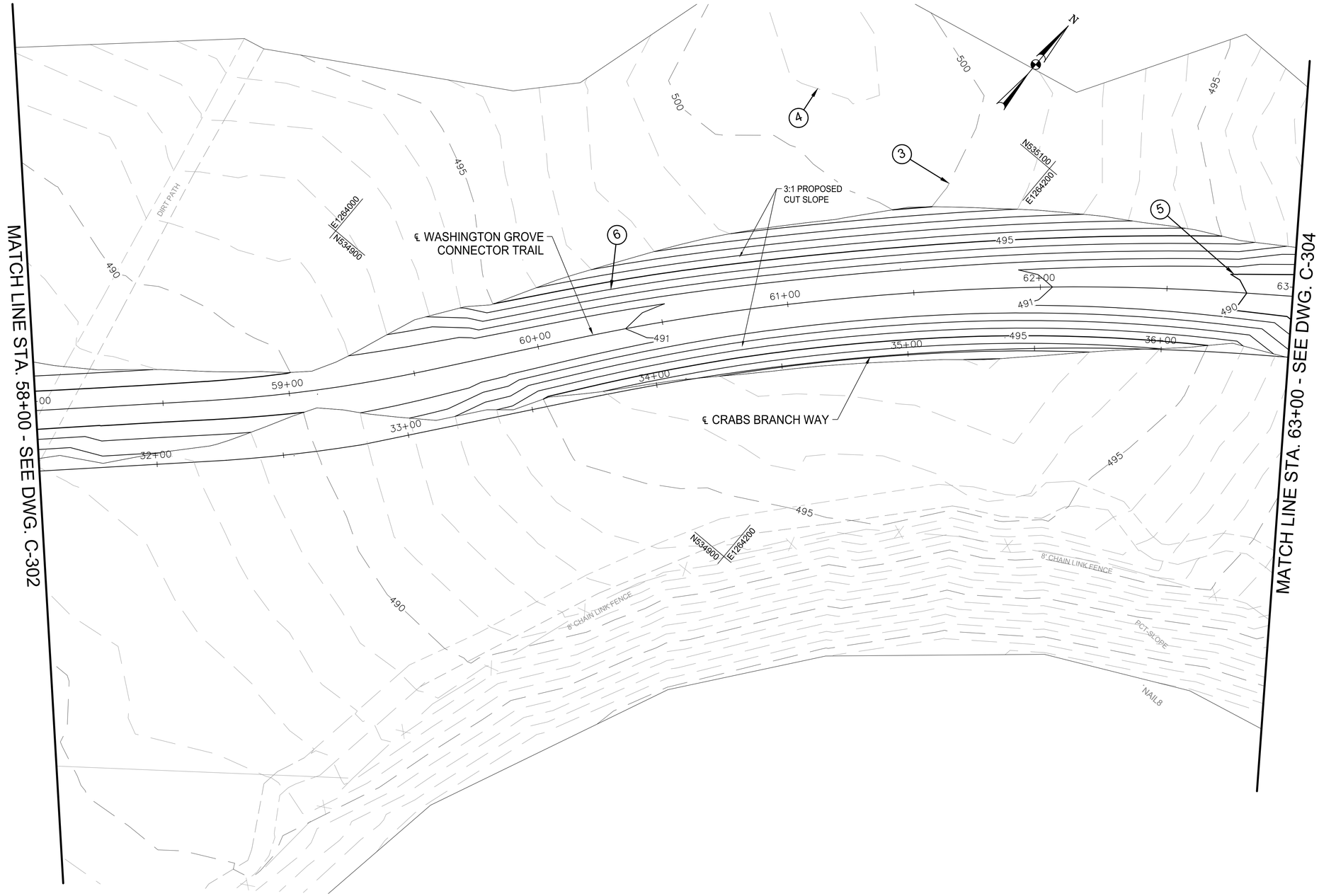
SCALE :

C-302

Project No. : TBD 13 of 22

FILE: K:\5547 MC DOT\T4 Crabbs Branch Facility Planning Phase II\Engineering\5. CADD\Conceptual 15 Design\SHEETS\C-301 - C-304.dwg
DATE: Feb 17, 2023 - 4:46pm

SHEET NO.	TOTAL SHEETS
14	22



SHEET KEY NOTES	
1	CLASS I RIP RAP AS PER MDE DETAIL D-4-1-B
2	48" Ø CLASS IV RCP CULVERT
3	EXISTING MAJOR CONTOUR LINE
4	EXISTING MINOR CONTOUR LINE
5	PROPOSED MAJOR CONTOUR LINE
6	PROPOSED MINOR CONTOUR LINE

NOTES:

1. FOR GENERAL NOTES, SEE DRAWING G-002.
2. FOR TRAIL ALIGNMENT/PROFILE AND CULVERT PIPE INFORMATION, SEE DRAWINGS C-201 THROUGH C-204.

GRAPHIC SCALE

20 10 0 20 40

SCALE: 1"=20'-0"
UNIT OF MEASURE: FEET

SHELADIA ASSOCIATES, INC.
Engineers, Architects
Development Consultants
15825 Shady Grove Road, Rockville, MD. 20850
Phone: 301-590-3939 Fax:301-948-7174
www.sheladia.com

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
ROCKVILLE, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section — Date

APPROVED

Chief, Division of Transportation Engineering — Date

Designed by: ____ Drawn by: ____ Checked by: ____

WASHINGTON GROVE CONNECTOR TRAIL

ROUGH GRADING PLAN SHEET 3 OF 4

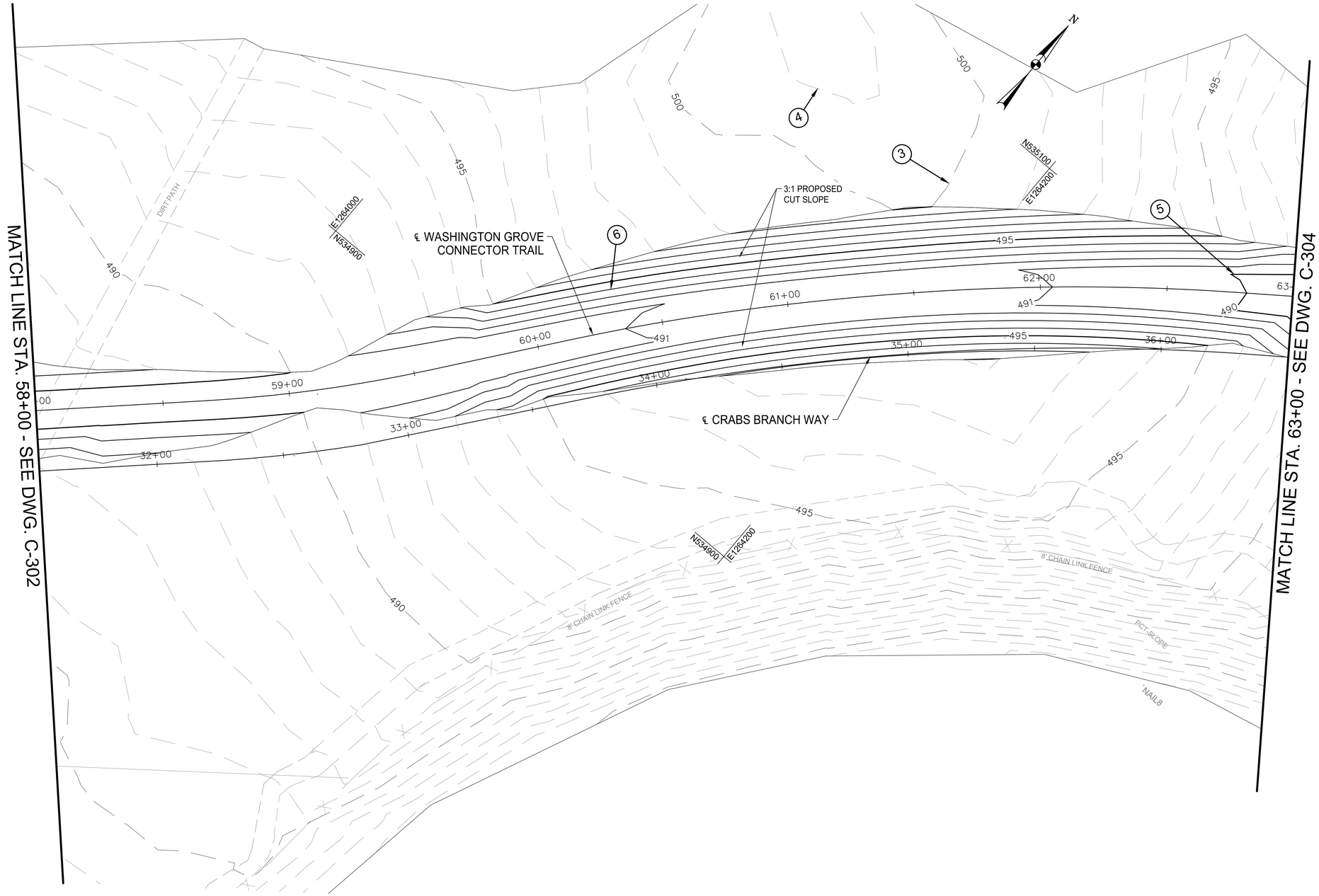
SCALE :

C-303

Project No.: TBD 14 of 22

FILE: K:\5547 MC DOT\T4 Crabbs Branch Facility Planning Phase II\Engineering\5. CADD\Conceptual 15 Design\SHEETS\C-301 - C-304.dwg
DATE: Feb 17, 2023 - 4:47pm

SHEET NO.	TOTAL SHEETS
14	22



SHEET KEY NOTES	
1	CLASS I RIP RAP AS PER MDE DETAIL D-4-1-B
2	48" Ø CLASS IV RCP CULVERT
3	EXISTING MAJOR CONTOUR LINE
4	EXISTING MINOR CONTOUR LINE
5	PROPOSED MAJOR CONTOUR LINE
6	PROPOSED MINOR CONTOUR LINE

NOTES:

1. FOR GENERAL NOTES, SEE DRAWING G-002.
2. FOR TRAIL ALIGNMENT/PROFILE AND CULVERT PIPE INFORMATION, SEE DRAWINGS C-201 THROUGH C-204.

GRAPHIC SCALE

20 10 0 20 40

SCALE: 1"=20'-0"
UNIT OF MEASURE: FEET

SHELADIA ASSOCIATES, INC.
Engineers, Architects
Development Consultants
15825 Shady Grove Road, Rockville, MD. 20850
Phone: 301-590-3939 Fax:301-948-7174
www.sheladia.com

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
ROCKVILLE, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section — Date

APPROVED

Chief, Division of Transportation Engineering — Date

Designed by: ____ Drawn by: ____ Checked by: ____

WASHINGTON GROVE CONNECTOR TRAIL

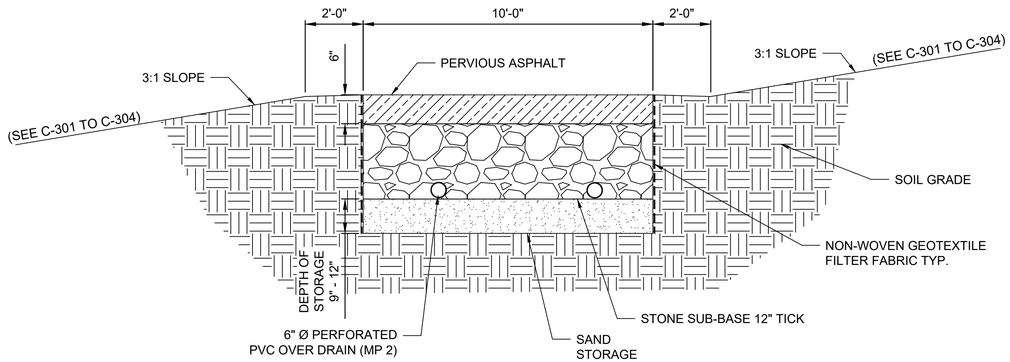
ROUGH GRADING PLAN SHEET 3 OF 4

SCALE :

C-303

Project No.: TBD 14 of 22

FILE: K:\5547 MC DOT\T4 Crabbs Branch Facility Planning Phase II\Engineering\5. CADD\Conceptual 15 Design\SHEETS\C-301 - C-304.dwg
DATE: Feb 17, 2023 - 4:47pm



1 TYPICAL TRAIL CROSS SECTION
NOT TO SCALE

SHELADIA ASSOCIATES, INC.
Engineers, Architects
Development Consultants
15825 Shady Grove Road, Rockville, MD. 20850
Phone: 301-590-3939 Fax:301-948-7174
www.sheladia.com

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
ROCKVILLE, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section — Date

APPROVED

Chief, Division of Transportation Engineering — Date

Designed by: ____ Drawn by: ____ Checked by: ____

WASHINGTON GROVE CONNECTOR TRAIL

TYPICAL TRAIL CROSS SECTION

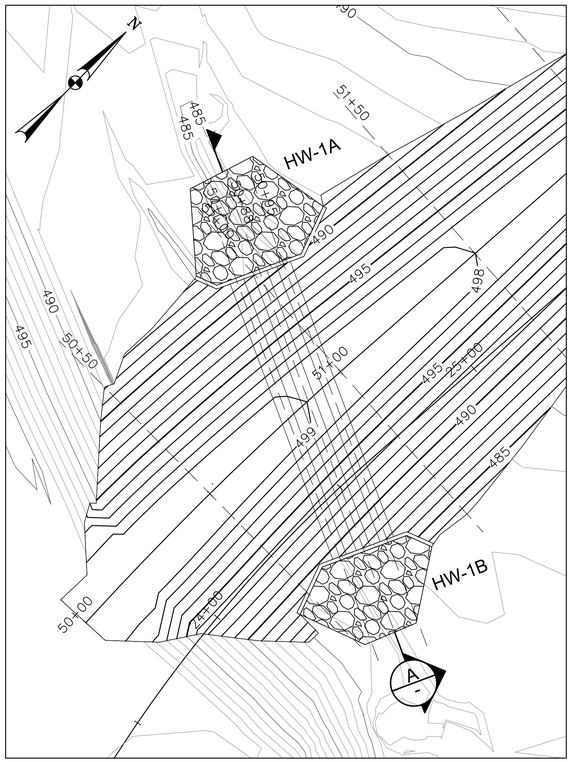
SCALE :

C-401

Project No.: TBD 16 of 22

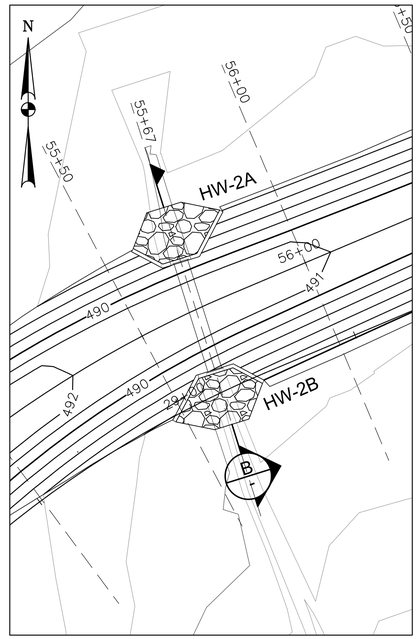
FILE: K:\5547 MC DOT\T4 Crabbs Branch Facility Planning Phase II\Engineering\5. CADD\Conceptual 15 Design\SHEETS\C-401 - C-402.dwg
DATE: Feb 17, 2023 - 4:34pm

SHEET NO.	TOTAL SHEETS
17	22



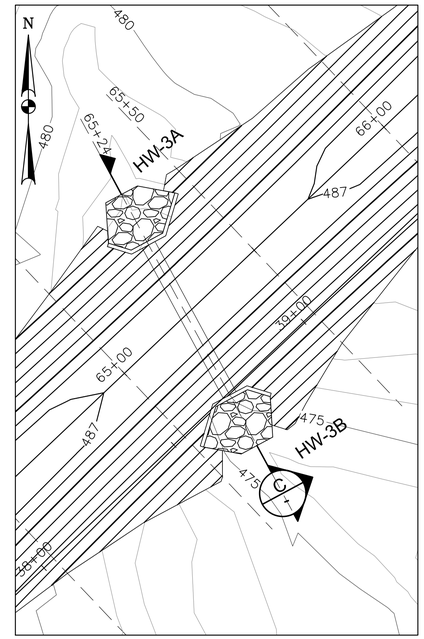
PLAN VIEW:
1" = 20'

CULVERT 1



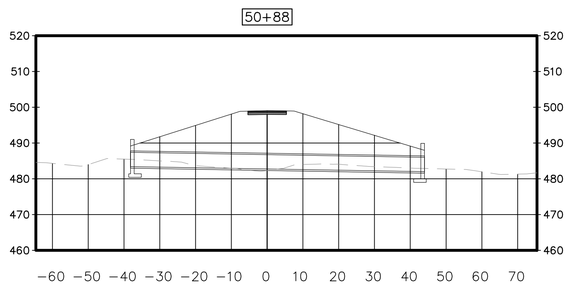
PLAN VIEW:
1" = 20'

CULVERT 2



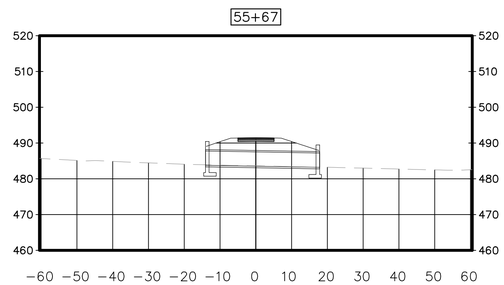
PLAN VIEW:
1" = 20'

CULVERT 3



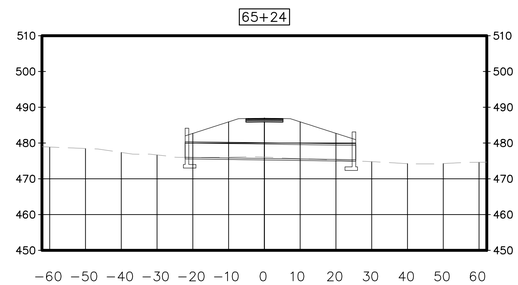
SECTION A-A

H: 1"=20'
V: 1"-5'



SECTION B-B

H: 1"=20'
V: 1"-5'



SECTION C-C

H: 1"=20'
V: 1"=5'

GRAPHIC SCALE

H: 20 10 0 20 40
SCALE: 1"=20'-0"
UNIT OF MEASURE: FEET

V: 5 2.5 0 5 10
SCALE: 1"=5'-0"
UNIT OF MEASURE: FEET

SHELADIA ASSOCIATES, INC.
Engineers, Architects
Development Consultants
15825 Shady Grove Road, Rockville, MD. 20850
Phone: 301-590-3939 Fax:301-948-7174
www.sheladia.com

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
ROCKVILLE, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section — Date

APPROVED

Chief, Division of Transportation Engineering — Date

Designed by: ____ Drawn by: ____ Checked by: ____

WASHINGTON GROVE CONNECTOR TRAIL

CULVERT PLAN AND SECTIONS

SCALE :

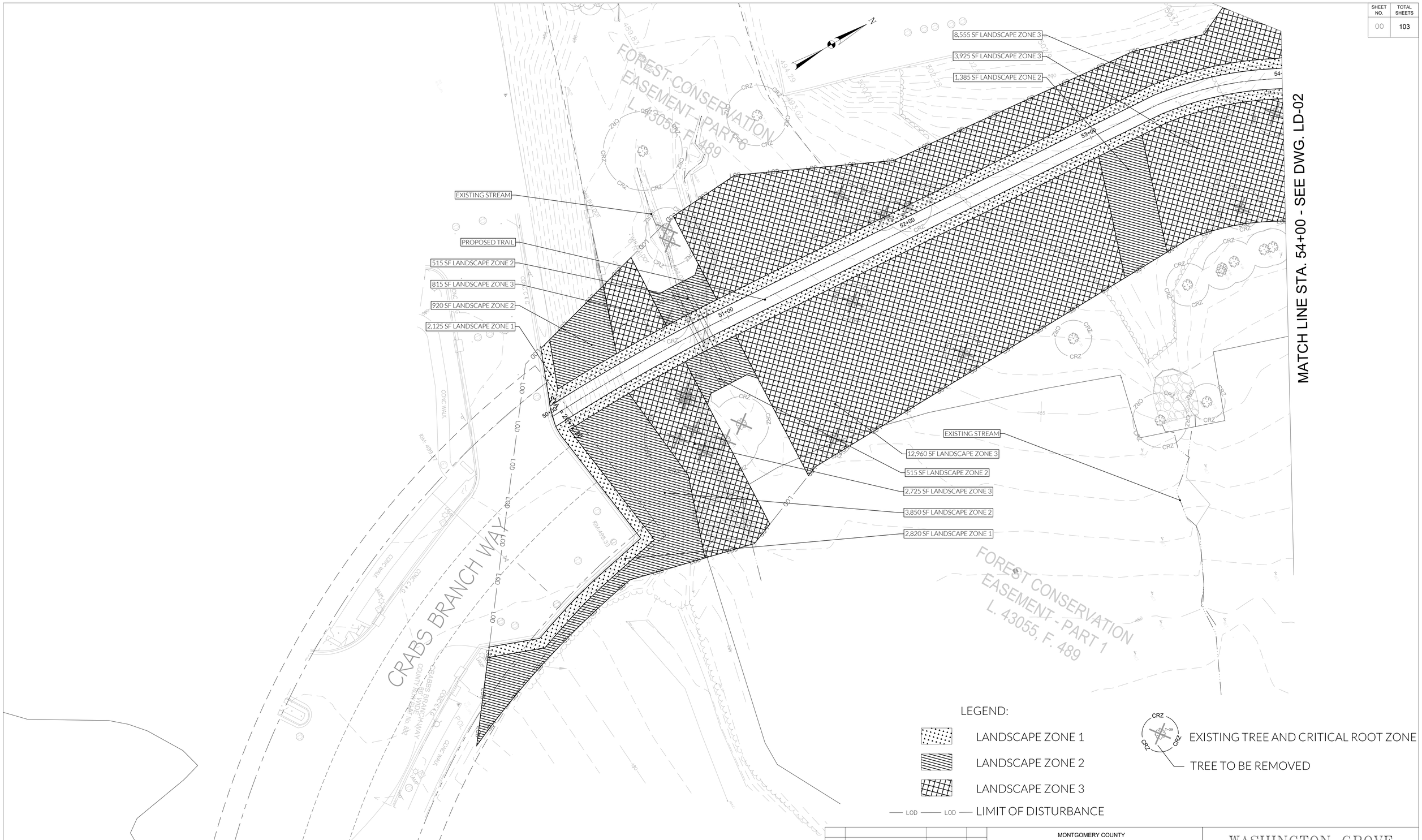
C-402

Project No.: TBD

17 of 22

FILE: K:\5547 MC DOT\T4 Crabbs Branch Facility Planning Phase II\Engineering\5. CADD\Conceptual 15 Design\SHEETS\C-401 - C-402.dwg
DATE: Feb 17, 2023 - 4:35pm

SHEET NO.	TOTAL SHEETS
00	103



LANDSCAPE ZONES - AREA (SF) CHART (THIS SHEET ONLY)		
ZONE 1	ZONE 2	ZONE 3
TURFGRASS	MEADOW	REFORESTATION
4,945	7,185	28,980

FLOURA TEETER landscape architects
PHILADELPHIA | BALTIMORE | PITTSBURGH
www.flourateeter.com

SHELADIA ASSOCIATES, INC.
Engineers, Architects Development Consultants
15825 Shady Grove Road, Rockville, MD. 20850
Phone: 301-590-3939 Fax:301-948-7174
www.sheladia.com

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
ROCKVILLE, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section — Date

APPROVED

Chief, Division of Transportation Engineering — Date

Designed by: ____ Drawn by: ____ Checked by: ____

WASHINGTON GROVE CONNECTOR TRAIL

LANDSCAPE PLAN

SCALE : 1"=20'

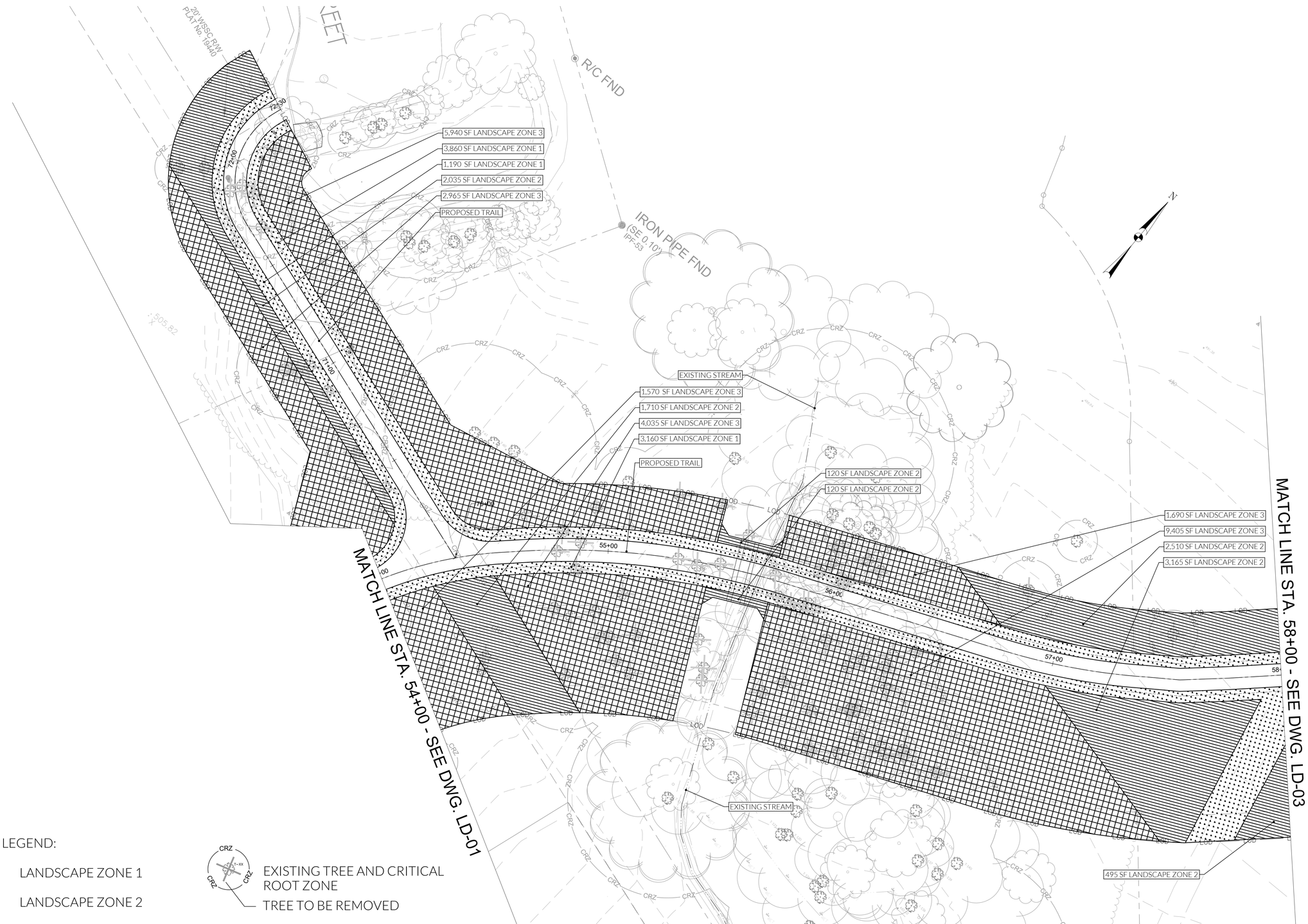
LD-01

Project No. : TBD

00 of 103

FILE:
DATE:

SHEET NO.	TOTAL SHEETS
00	103



LEGEND:

- LANDSCAPE ZONE 1
- LANDSCAPE ZONE 2
- LANDSCAPE ZONE 3
- LOD —— LOD —— LIMIT OF DISTURBANCE
- CRZ — EXISTING TREE AND CRITICAL ROOT ZONE
- TREE TO BE REMOVED

LANDSCAPE ZONES - AREA (SF) CHART (THIS SHEET ONLY)		
ZONE 1	ZONE 2	ZONE 3
TURFGRASS	MEADOW	REFORESTATION
8,210	10,155	25,605

0 20 40
SCALE: 1" = 20'

FLOURA TEETER
landscape architects
PHILADELPHIA | BALTIMORE | PITTSBURGH
www.flourateeter.com

SHELADIA ASSOCIATES, INC.
Engineers, Architects
Development Consultants
15825 Shady Grove Road, Rockville, MD. 20850
Phone: 301-590-3939 Fax:301-948-7174
www.sheladia.com

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
ROCKVILLE, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section — Date

APPROVED

Chief, Division of Transportation Engineering — Date

Designed by: ____ Drawn by: ____ Checked by: ____

WASHINGTON GROVE CONNECTOR TRAIL

LANDSCAPE PLAN

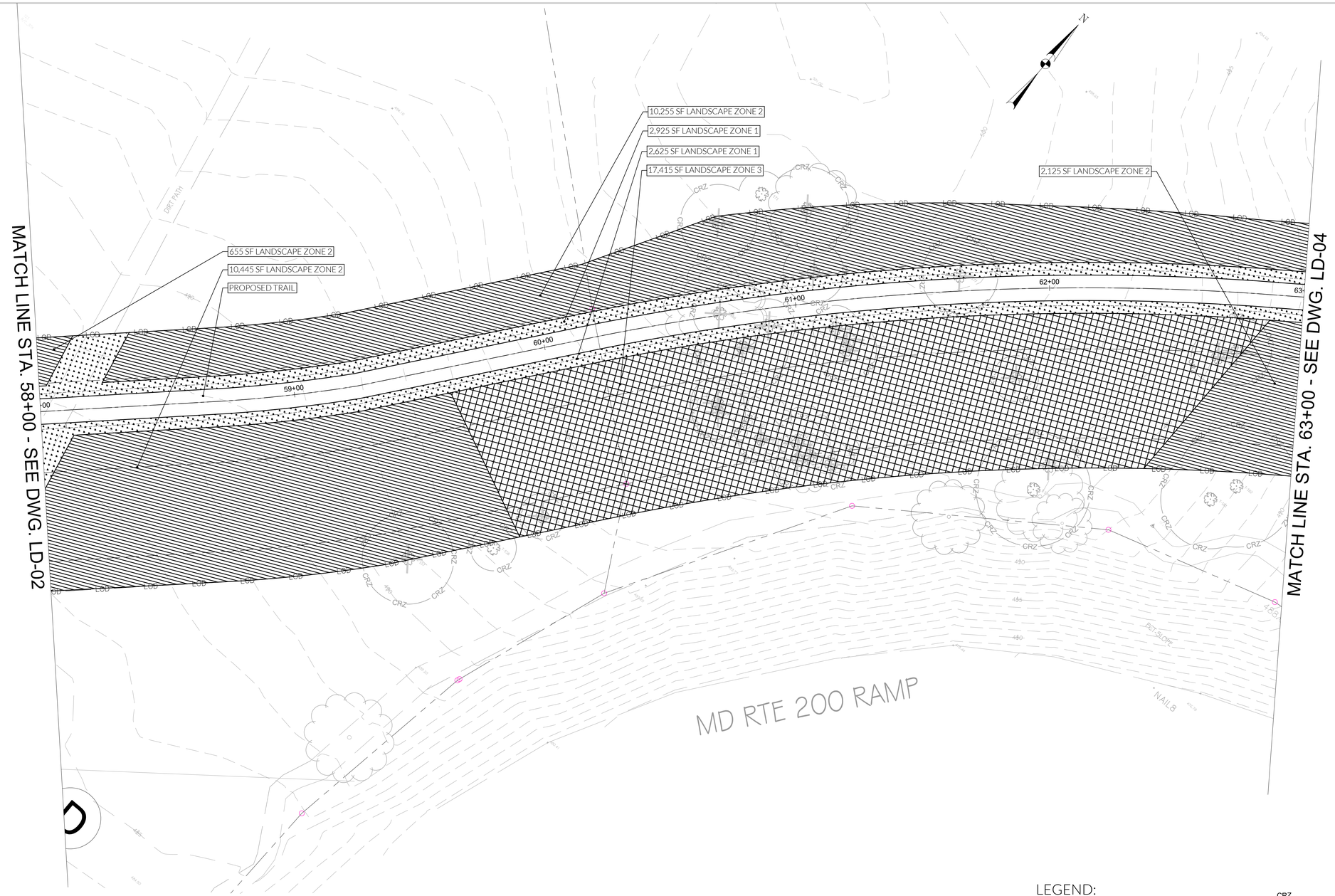
SCALE : 1"=20'

LD-02

Project No. : TBD 00 of 103

FILE:
DATE:

SHEET NO.	TOTAL SHEETS
00	103



LEGEND:

- LANDSCAPE ZONE 1
- LANDSCAPE ZONE 2
- LANDSCAPE ZONE 3
- LOD — LOD — LIMIT OF DISTURBANCE
- CRZ — CRZ — EXISTING TREE AND CRITICAL ROOT ZONE
- TREE TO BE REMOVED

LANDSCAPE ZONES - AREA (SF) CHART (THIS SHEET ONLY)		
ZONE 1	ZONE 2	ZONE 3
TURFGRASS	MEADOW	REFORESTATION
5,550	23,480	17,415

0 20 40
SCALE: 1" = 20'

FLOURA TEETER
landscape architects
PHILADELPHIA | BALTIMORE | PITTSBURGH
www.flourateeter.com

SHELADIA ASSOCIATES, INC.
Engineers, Architects
Development Consultants
15825 Shady Grove Road, Rockville, MD. 20850
Phone: 301-590-3939 Fax:301-948-7174
www.sheladia.com

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
ROCKVILLE, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section — Date

APPROVED

Chief, Division of Transportation Engineering — Date

Designed by: ____ Drawn by: ____ Checked by: ____

WASHINGTON GROVE CONNECTOR TRAIL

LANDSCAPE PLAN

SCALE : 1"=20'

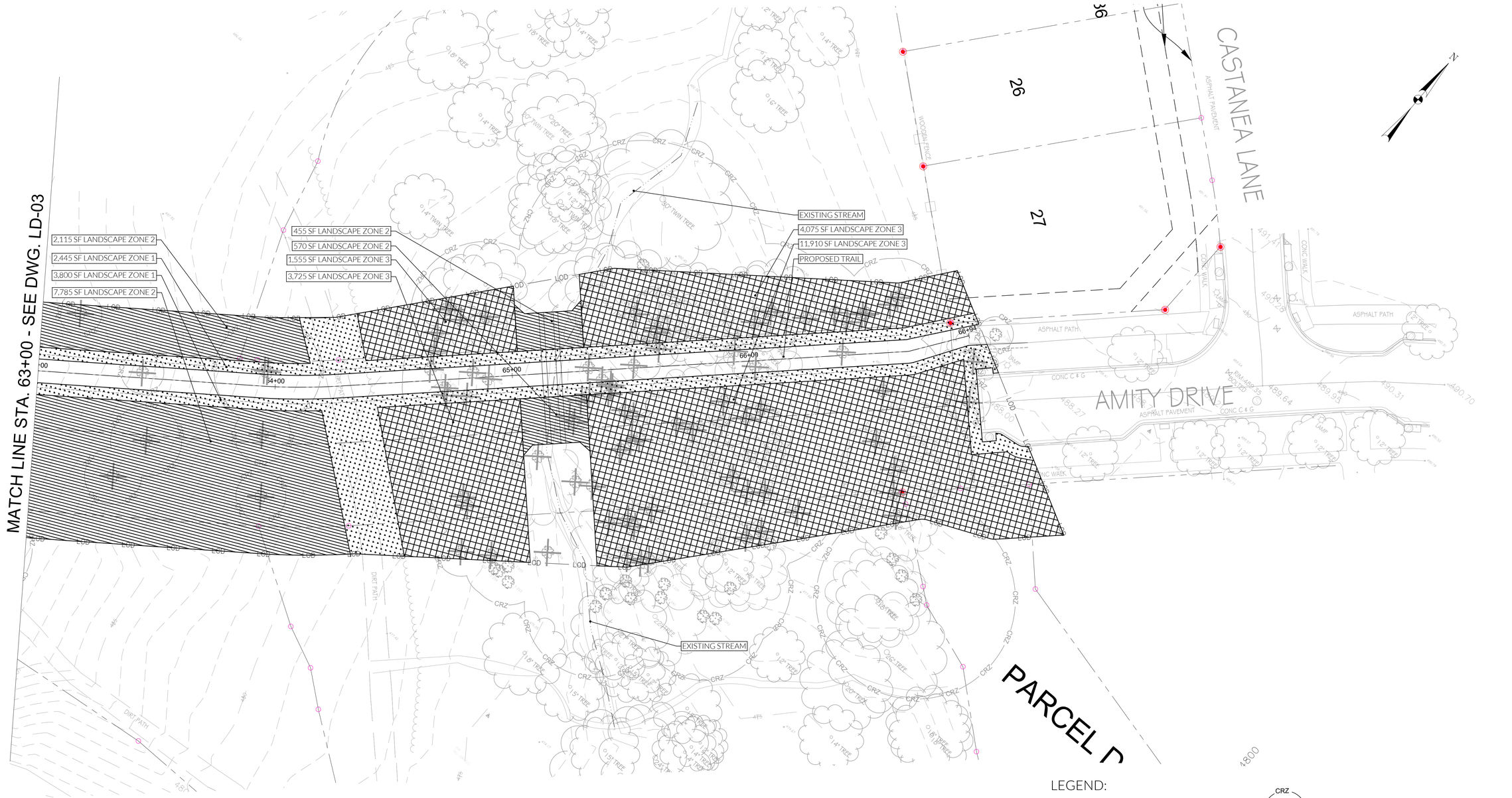
LD-03

Project No. : TBD

00 of 103

FILE:
DATE:

SHEET NO.	TOTAL SHEETS
00	103



LEGEND:

- LANDSCAPE ZONE 1
- LANDSCAPE ZONE 2
- LANDSCAPE ZONE 3
- LOD — LOD — LIMIT OF DISTURBANCE
- CRZ — EXISTING TREE AND CRITICAL ROOT ZONE
- TREE TO BE REMOVED

LANDSCAPE ZONES - AREA (SF) CHART (THIS SHEET ONLY)		
ZONE 1	ZONE 2	ZONE 3
TURFGRASS	MEADOW	REFORESTATION
6,245	10,925	21,265

0 20 40
SCALE: 1" = 20'

FLOURA TEETER
landscape architects
PHILADELPHIA | BALTIMORE | PITTSBURGH
www.flourateeter.com

SHELADIA ASSOCIATES, INC.
Engineers, Architects
Development Consultants
15825 Shady Grove Road, Rockville, MD. 20850
Phone: 301-590-3939 Fax:301-948-7174
www.sheladia.com

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
ROCKVILLE, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section — Date

APPROVED

Chief, Division of Transportation Engineering — Date

Designed by: ____ Drawn by: ____ Checked by: ____

WASHINGTON GROVE CONNECTOR TRAIL

LANDSCAPE PLAN

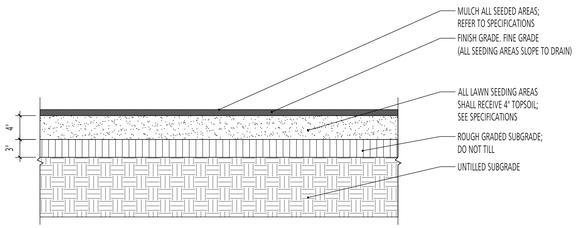
SCALE : 1"=20'

LD-04

Project No. : TBD 00 of 103

FILE:
DATE:

SHEET NO.	TOTAL SHEETS
00	103



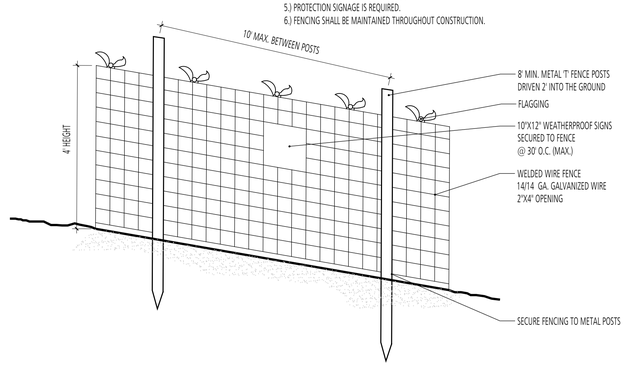
LAWN SEEDING PREPARATION NOTES:
1. PLACE PLANTING SOIL ON TOP OF TILLED SUBGRADE IN 6 INCH LIFTS TO DEPTH REQUIRED.
2. COMPACT EACH LIFT PER SPECIFICATIONS.
3. FINE GRADE SEEDING AREA PRIOR TO SEEDING.
4. SEED AS PER DETAIL AND SPECIFICATIONS.
5. MULCH AS PER SPECIFICATIONS.
6. FERTILIZE AS REQUIRED. SEE SPECIFICATIONS.
7. PROTECT SEEDED AREAS FROM SUBSEQUENT CONSTRUCTION ACTIVITY.
8. ALL DISTURBED AREAS THAT ARE NOT PLANT BEDS OR SODDED SHALL BE SEEDED.
9. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

1 LAWN DETAIL - SEEDING (TYP.)

SECTION — d-lawn detail seed.dwg — SCALE: 1"=1'-0"

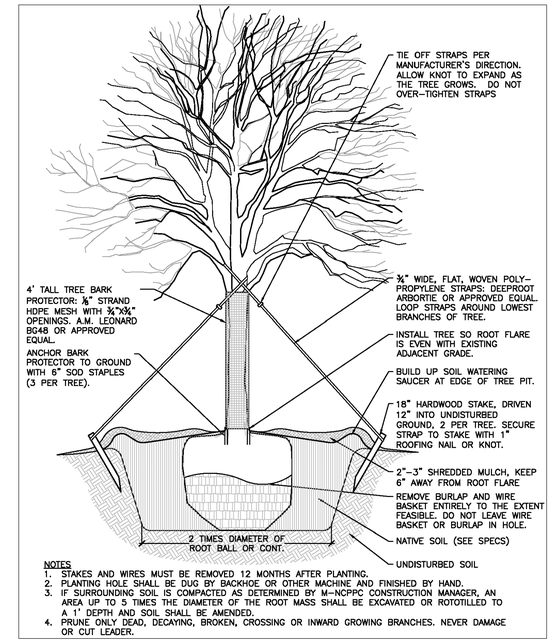
NOTES

1.) PRACTICE MAY BE COMBINED WITH SEDIMENT CONTROL FENCING.
2.) LOCATION AND LIMITS OF FENCING AND TREE ROOT PRUNING SHOULD BE COORDINATED IN FIELD WITH ARBORIST.
3.) BOUNDARIES OF PROTECTION AREA SHOULD BE STAKED PRIOR TO INSTALLING PROTECTIVE DEVICE.
4.) ROOT DAMAGE SHOULD BE AVOIDED.
5.) PROTECTION SIGNAGE IS REQUIRED.
6.) FENCING SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.



2 TREE PROTECTION FENCE - MONTGOMERY COUNTY

DETAIL — d-TPF.dwg — SCALE: 1"=1'-0"



NOTES
1. STAKES AND WIRES MUST BE REMOVED 12 MONTHS AFTER PLANTING.
2. PLANTING HOLE SHALL BE DUG BY BACKHOE OR OTHER MACHINE AND FINISHED BY HAND.
3. IF SURROUNDING SOIL IS COMPACTED AS DETERMINED BY M-NCPPC CONSTRUCTION MANAGER, AN AREA UP TO 5 TIMES THE DIAMETER OF THE ROOT MASS SHALL BE EXCAVATED OR ROTOTILLED TO A 1' DEPTH AND SOIL SHALL BE AMENDED.
4. PRUNE ONLY DEAD, DECAYING, BROKEN, CROSSING OR INWARD GROWING BRANCHES. NEVER DAMAGE OR CUT LEADER.

3 TREE PLANTING DETAIL

SECTION — d-tree_planting.dwg — SCALE: NTS

GENERAL PLANTING NOTES:

1.CONTRACTOR MUST CONTACT MISS UTILITY TO LOCATE ALL EXISTING UTILITIES AND PROVIDE PROOF AND WRITTEN CONFIRMATION FOR UTILITY LOCATION TO M-NCPPC. CONTRACTOR TO PROVIDE NOTICE TO UTILITY COMPANIES PRIOR TO BEGINNING ANY WORK.

2.CONTRACTOR SHALL INSTALL TREE PROTECTION FENCE AT THE LIMIT OF DISTURBANCE LINE WHERE THIS OCCURS.

3.THE CONTRACTOR SHALL FLAG ALL TREES TO BE REMOVED FOR INSPECTION AND APPROVAL BY THE LANDSCAPE ARCHITECT OR COUNTY ARBORIST AT THE PRE-CONSTRUCTION MEETING. NO CLEARING SHALL OCCUR UNTIL INSPECTION AND APPROVAL HAS BEEN PROVIDED IN WRITING.

4.PLANT MATERIAL TYPES AND SIZES MAY VARY DUE TO MARKET AVAILABILITY AT TIME OF CONSTRUCTION. ANY SUBSTITUTIONS ARE TO BE OF EQUIVALENT TYPE AND SIZE, AND MUST BE APPROVED IN WRITING BY THE LANDSCAPE ARCHITECT. FOR SHRUB CONTAINERIZED STOCK, B&B STOCK MAY BE SUBSTITUTED WITH WRITTEN APPROVAL BY THE LANDSCAPE ARCHITECT.

5.WHERE THE CONDITION EXISTS THAT B&B TREES ARE DELIVERED IN WIRE BASKETS, THE WIRE BASKETS SHALL BE CUT DOWN THE SIDE OF EACH MESH AND PEELED AWAY FROM THE ROOTBALL OR REMOVED IN ENTIRETY. NO PORTION OF THE WIRE BASKET SHALL REMAIN INTACT AROUND THE SIDES OF THE ROOTBALL OR EXTEND ABOVE FINISHED GRADE.

6.ALL WORK SHALL BE IN COMPLIANCE WITH MARYLAND DEPARTMENT OF TRANPORTATION STATE HIGHWAY ADMINISTRATION STANDARD SPECIFICATIONS FOR CONSTRUCTION.

7.PLANTING SHALL ONLY OCCUR DURING ESTABLISHED PLANTING SEASONS:
A.DECIDUOUS AND EVERGREEN TREES AND SHRUBS: OCTOBER 15 - APRIL 15

8.DISTURBANCE SHALL BE LIMITED TO ONLY THE AREA OF WORK THAT CAN BE COMPLETED IN ONE DAY. NO EXPOSED PLANTING PITS SHALL BE EXPOSED OVERNIGHT.

9.PLANTS SHALL BE IN ACCORDANCE WITH AMERICAN STANDARD FOR NURSERY STOCK ANSI Z60.1, LATEST EDITION, AMERICAN NURSERY & LANDSCAPE ASSOCIATION. PLANTS SHALL BE INSPECTED BY LANDSCAPE ARCHITECT OR COUNTY ARBORIST FOR QUALITY AND COMPLIANCE PRIOR TO INSTALLATION.

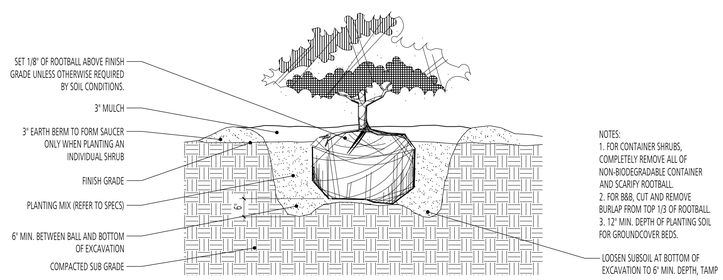
10.ALL INDIVIDUAL TREES SHALL RECEIVE A 2" MIN. LAYER OF SHREDDED HARDWOOD MULCH TO COVER THE ENTIRE EXCAVATED AREA OF THE PLANT PIT.

11.ALL PLANTINGS SHALL BE GUARANTEED BY THE CONTRACTOR FOR A TWO-YEAR MAINTENANCE PERIOD.

12.ALL AREAS DISTURBED DURING CONSTRUCTION ARE TO BE SEEDED UNLESS NOTED OTHERWISE.

13. THE CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND PROPER DISPOSAL OF ANY WASTE FROM THE SITE.

14. ANY DAMAGE TO THE EXISTING UTILITIES, BUILDINGS, PAVING, CURB, WALLS, AND VEGETATION (NOT SO DESIGNATED FOR REMOVAL ON THESE PLANS) SHALL BE REPAIRED TO PREVIOUS CONDITION OR REPLACED BY THE CONTRACTOR AT HIS EXPENSE.



4 SHRUB PLANTING DETAIL

SECTION — d-10-26_shrub_planting.dwg — SCALE: 1/2" = 1'-0"

LANSDCAPE ZONES - AREA CHART

	LANDSCAPE ZONES	ZONE 1 TURFGRASS	ZONE 2 MEADOW	ZONE 3 REFORESTATION	
AREA (SF)	LD-01	4,945	7,185	28,980	
	LD-02	8,210	10,155	25,605	
	LD-03	5,550	23,480	17,415	
	LD-04	6,245	10,925	21,265	
	TOTAL	24,950	51,745	93,265	
					TOTALS
PLANT TYPE AND QUANTITIES	TURFGRASS ESTABLISHMENT (SF)	24,950			24,950
	MEADOW ESTABLISHMENT (SF)		51,745	93,265	145,010
	OVERSTORY SHADE TREES 1.5"-2" CAL. (EA)			214	214
	SHRUB, 18-24" HT. (EA)			71	71

0 20 40
SCALE: 1" = 20'

5

FLOURA TEETER landscape architects
PHILADELPHIA | BALTIMORE | PITTSBURGH
www.flourateeter.com

SHELADIA ASSOCIATES, INC.
Engineers, Architects Development Consultants
15825 Shady Grove Road, Rockville, MD. 20850
Phone: 301-590-3939 Fax:301-948-7174
www.sheladia.com

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
ROCKVILLE, MARYLAND

RECOMMENDED FOR APPROVAL
Chief, Design Section — Date
APPROVED
Chief, Division of Transportation Engineering — Date
Designed by: ____ Drawn by: ____ Checked by: ____

WASHINGTON GROVE CONNECTOR TRAIL

LANDSCAPE NOTES AND DETAILS

SCALE : 1"=20'

LD-05

Project No. : TBD — 00 of 103

FILE:
DATE: