EROSION AND SEDIMENT CONTROL PLAN

PROJECT MANAGER: Brian Alford 1540 (829) 7557, Culpeper, District
SURVEYED BY, DATE: Michael Mauro, L.S. 1540 (829) 7557, Culpeper, District 3/5/10
DESIGN BY: Thomas Alpaio, P.E. 1804 (786) 560 C.D.
SUBSURFACE UTILITY BY, DATE: Michael Mauro, L.S. 1540 (829) 7557, Culpeper, District 3/5/10

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO
1/14/14 8/4/14	VA.	784	0784-023-226, RW-201, C-501	PP(10)

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

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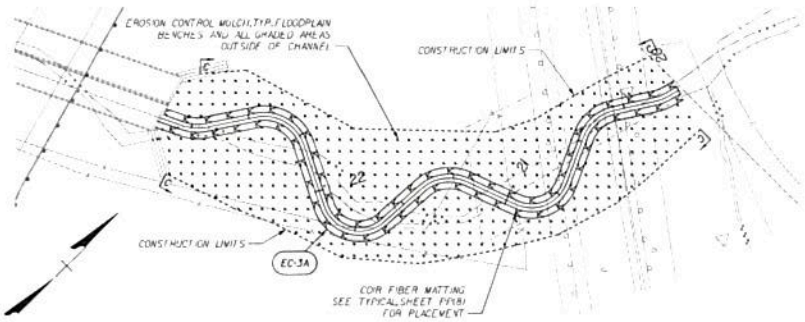
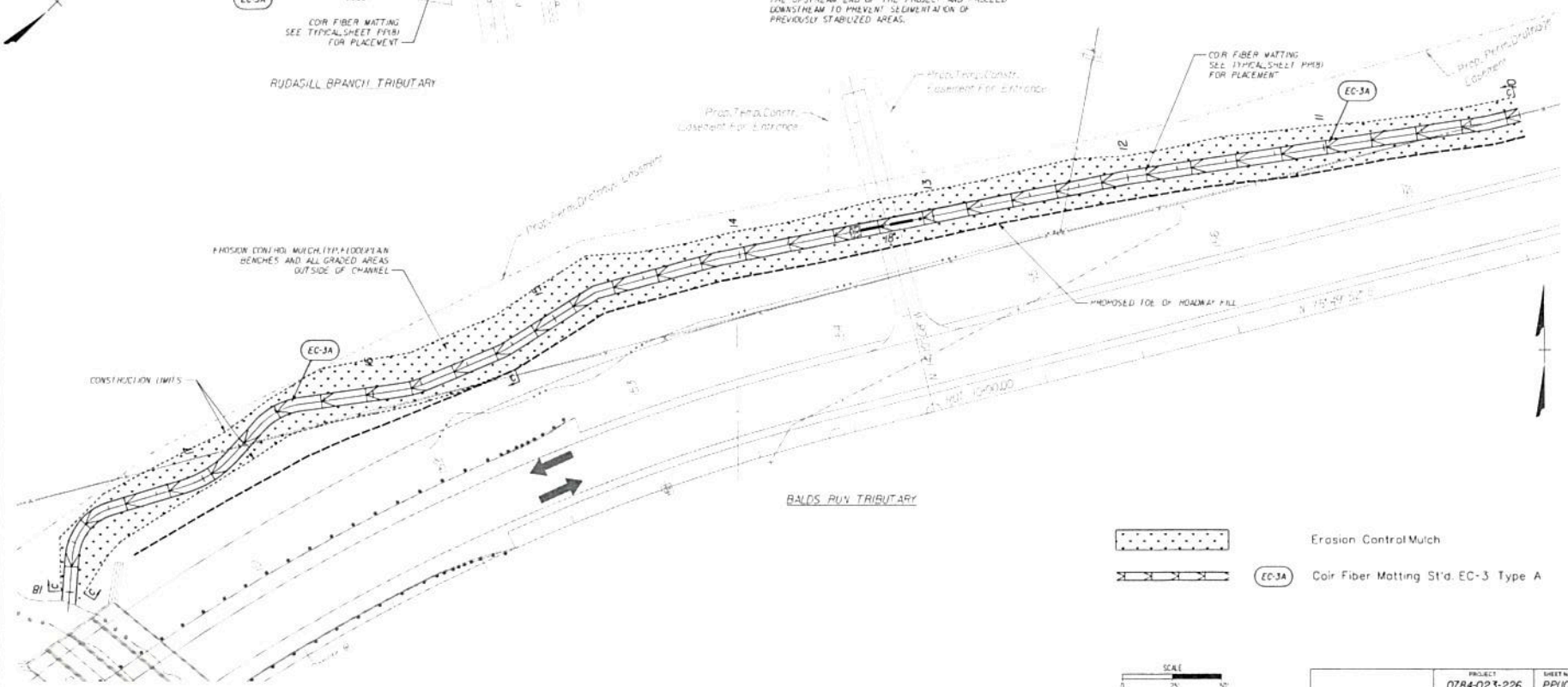
Whitman, Requardt & Associates
Richmond, Virginia
HYDRAULIC ENGINEER

EROSION AND SEDIMENT CONTROL NOTES

1. ANY LONG TERM STOCKPILE OF ROCK AND SOIL SHALL BE PROTECTED FROM EROSION BY INSTALLING SILT FENCE AROUND ITS PERIMETER AND APPLYING TEMPORARY SEEDING.
2. CLEARING AND GRADING OF BANKS SHALL BE LIMITED TO A WORK AREA THAT CAN BE COMPLETED AND FULLY STABILIZED IN THE SAME DAY. ALL DISTURBED AREAS SHALL BE STABILIZED AT THE END OF EACH WORK DAY.
3. WHEN WORK IN THE CHANNEL IS CONDUCTED IN THE DRY, A PUMP AROUND SHALL BE USED TO BYPASS CLEAN WATER AROUND THE WORK AREA. IF A DEWATERING PUMP IS USED TO KEEP THE WORK AREA DRY, THE WATER SHALL BE DISCHARGED THROUGH A "DIRT BAG" OR OTHER APPROVED FILTERING DEVICE.
4. UPON COMPLETION OF GRADING AND INSTALLATION OF BANK PROTECTION AND BED STRUCTURES, ALL STREAM BANKS SHALL BE MATTED WITH COIR FIBER MATTING, AND ALL FLOODPLAIN AREAS SHALL BE SEEDED AND MULCHED WITH STRAW.
5. ALL STREAM WORK SHALL BE CONDUCTED STARTING FROM THE UPSTREAM END OF THE PROJECT AND PROCEED DOWNSTREAM TO PREVENT SEDIMENTATION OF PREVIOUSLY STABILIZED AREAS.



RUDASILL BRANCH TRIBUTARY



BALDS RUN TRIBUTARY

Erosion Control Mulch

EC-3A Coir Fiber Matting St'd. EC-3 Type A

SCALE 0 25' 50'

PROJECT	SHEET NO.
0784-023-226	PP(10)

NATURAL CHANNEL DESIGN PLAN AND PROFILE

PROJECT MANAGER Brian Acland 1540L829-7551 Culpeper, District . . . . . .
SURVEYED BY, DATE Mathew Mauro L.S. 1540L829-7551 Culpeper, District 3/5/10
DESIGN BY Thomas Algner P.E. 1804786-1560 CO. . . . . .
SUBSURFACE UTILITY BY, DATE Mathew Mauro L.S. 1540L829-7551 Culpeper District 3/5/10

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	784	0784-023-226, RW-201, C-501	PP(2)

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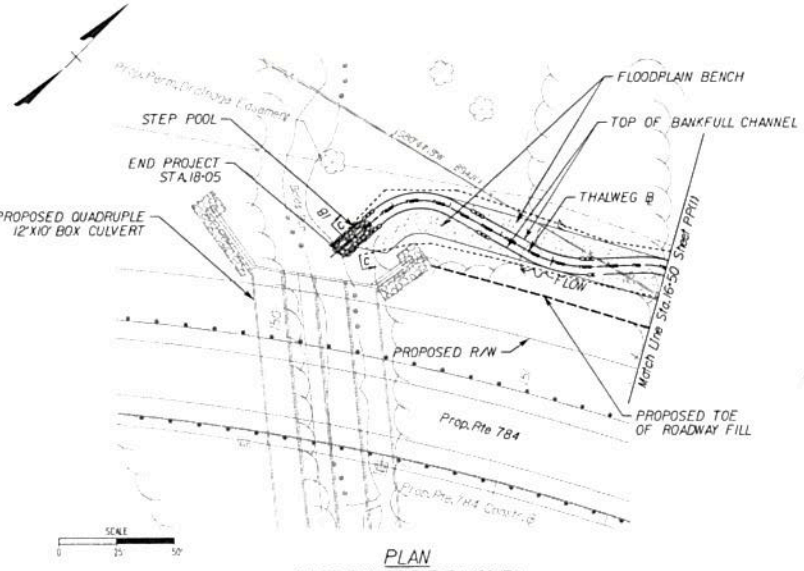
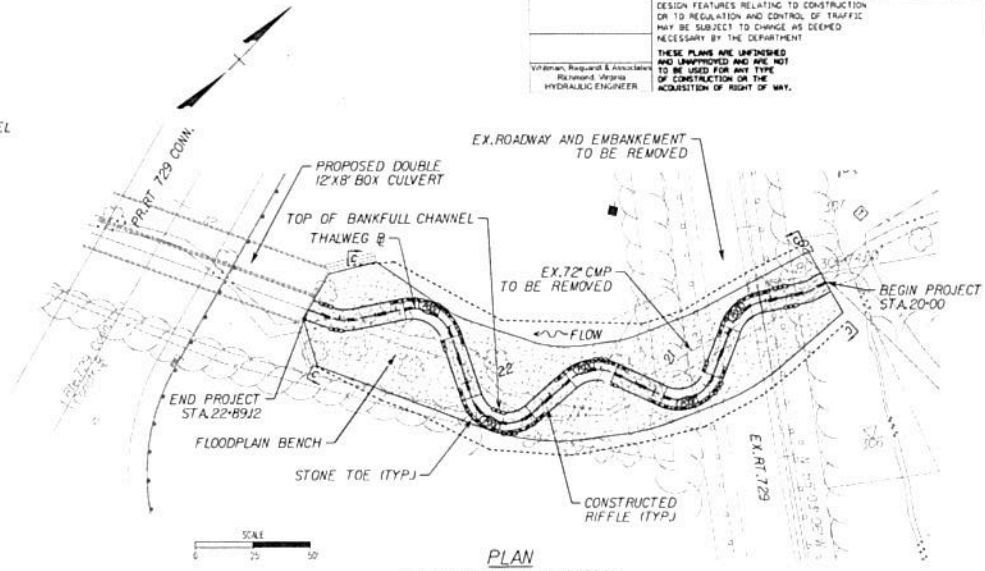
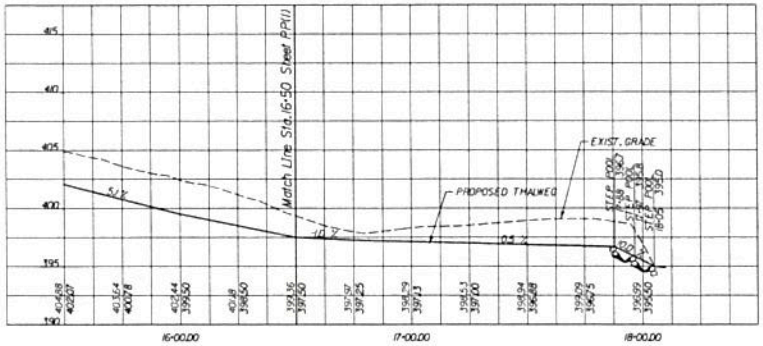


PLAN
BALDS RUN TRIBUTARY (CONT.)

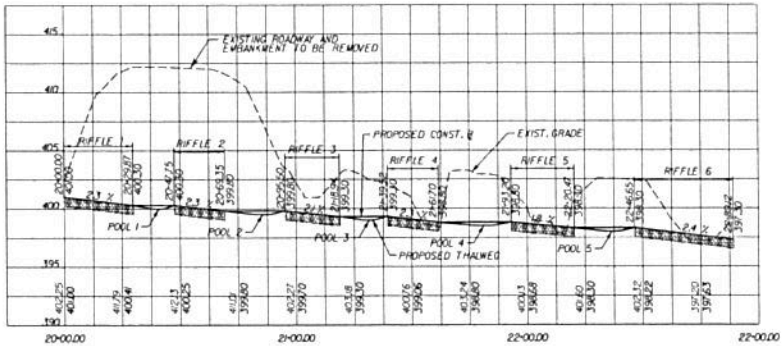


PLAN
RUDASILL BRANCH TRIBUTARY



PROFILE
BALDS RUN TRIBUTARY (CONT.)

SCALES: Horiz. 1" = 25' Vert. 1" = 5'



PROFILE
RUDASILL BRANCH TRIBUTARY

SCALES: Horiz. 1" = 25' Vert. 1" = 5'

PROJECT	SHEET NO.
0784-023-226	PP(2)

NATURAL CHANNEL DESIGN PLAN AND PROFILE

PROJECT MANAGER Brian Acford (540) 829-7553, Culpeper, District
SURVEYED BY, DATE Michael Mauro, L.S. (540) 829-7551, Culpeper, District 3/5/10
DESIGN BY Thomas Algone, P.E. (804) 786-1560, C.O.
SUBSURFACE UTILITY BY, DATE Michael Mauro, L.S. (540) 829-7551, Culpeper, District 3/5/10

Revision	STATE	ROUTE	PROJECT	SHEET NO
	VA.	784	0784-023-226, RW-201, C-501	PP(1)

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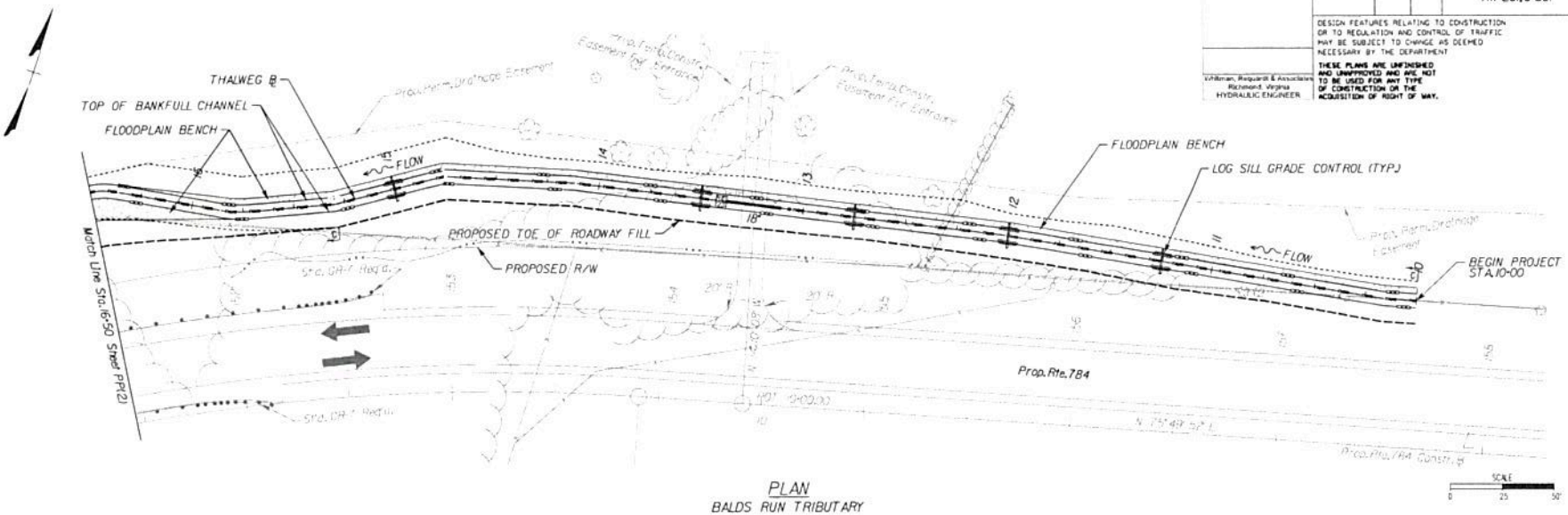
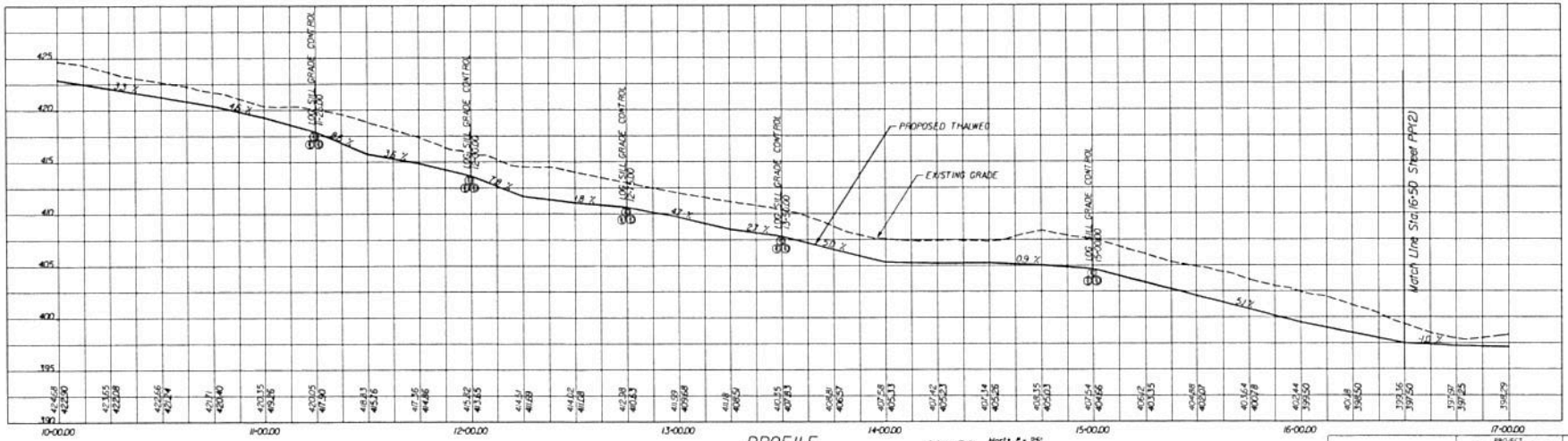


PLAN
BALDS RUN TRIBUTARY



PROFILE
BALDS RUN TRIBUTARY

SCALES: Horiz. 1" = 25' Vert. 1" = 5'

PROJECT	SHEET NO
0784-023-226	PP(1)