

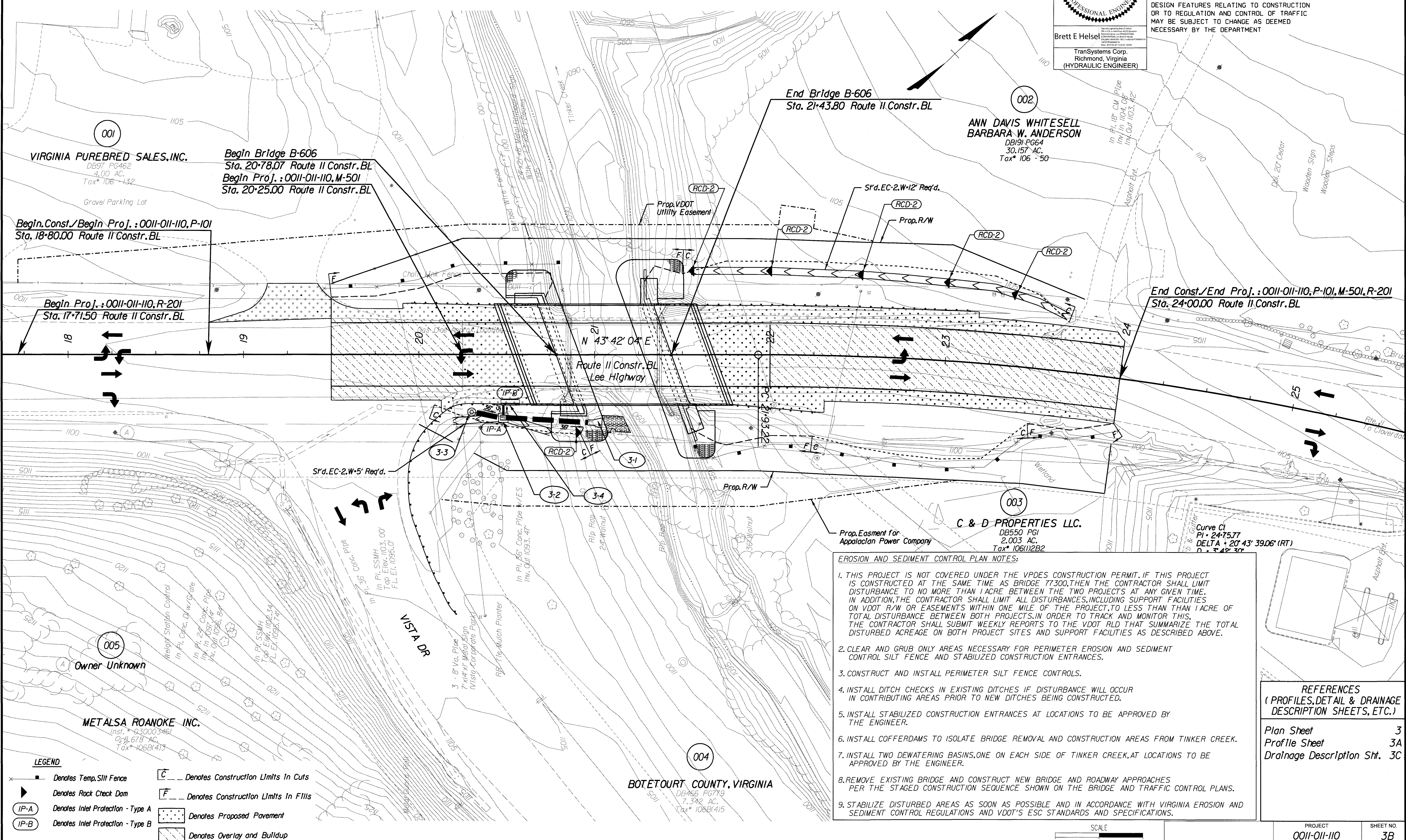
PROJECT MANAGER R. Edward Coke, P.E., Salem S&B (540) 387-5221
SURVEYED BY and DATE COMPLETED Gary Brant, L.S., Salem L&D (540) 387-5227, August 23, 2011
DESIGNED BY Brett Helsel, P.E., TransSystems (804) 298-3230
SALEM DISTRICT DESIGN UNIT

EROSION AND SEDIMENT CONTROL PLAN

COMMONWEALTH OF VIRGINIA
BRETT HELSEL
Lic. No. 051125
PROFESSIONAL ENGINEER
Brett E Helsel
TransSystems Corp.
Richmond, Virginia
(HYDRAULIC ENGINEER)

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	11	0011-011-110, M-501, R-201	3B

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



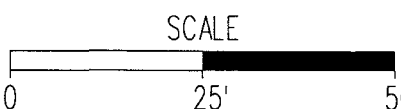
- EROSION AND SEDIMENT CONTROL PLAN NOTES:**
- THIS PROJECT IS NOT COVERED UNDER THE VDOT'S CONSTRUCTION PERMIT. IF THIS PROJECT IS CONSTRUCTED AT THE SAME TIME AS BRIDGE 77300, THEN THE CONTRACTOR SHALL LIMIT DISTURBANCE TO NO MORE THAN 1 ACRE BETWEEN THE TWO PROJECTS AT ANY GIVEN TIME. IN ADDITION, THE CONTRACTOR SHALL LIMIT ALL DISTURBANCES, INCLUDING SUPPORT FACILITIES ON VDOT R/W OR EASEMENTS WITHIN ONE MILE OF THE PROJECT, TO LESS THAN 1 ACRE OF TOTAL DISTURBANCE BETWEEN BOTH PROJECTS. IN ORDER TO TRACK AND MONITOR THIS, THE CONTRACTOR SHALL SUBMIT WEEKLY REPORTS TO THE VDOT RLD THAT SUMMARIZE THE TOTAL DISTURBED ACREAGE ON BOTH PROJECT SITES AND SUPPORT FACILITIES AS DESCRIBED ABOVE.
 - CLEAR AND GRUB ONLY AREAS NECESSARY FOR PERIMETER EROSION AND SEDIMENT CONTROL SILT FENCE AND STABILIZED CONSTRUCTION ENTRANCES.
 - CONSTRUCT AND INSTALL PERIMETER SILT FENCE CONTROLS.
 - INSTALL DITCH CHECKS IN EXISTING DITCHES IF DISTURBANCE WILL OCCUR IN CONTRIBUTING AREAS PRIOR TO NEW DITCHES BEING CONSTRUCTED.
 - INSTALL STABILIZED CONSTRUCTION ENTRANCES AT LOCATIONS TO BE APPROVED BY THE ENGINEER.
 - INSTALL COFFERDAMS TO ISOLATE BRIDGE REMOVAL AND CONSTRUCTION AREAS FROM TINKER CREEK.
 - INSTALL TWO DEWATERING BASINS, ONE ON EACH SIDE OF TINKER CREEK, AT LOCATIONS TO BE APPROVED BY THE ENGINEER.
 - REMOVE EXISTING BRIDGE AND CONSTRUCT NEW BRIDGE AND ROADWAY APPROACHES PER THE STAGED CONSTRUCTION SEQUENCE SHOWN ON THE BRIDGE AND TRAFFIC CONTROL PLANS.
 - STABILIZE DISTURBED AREAS AS SOON AS POSSIBLE AND IN ACCORDANCE WITH VIRGINIA EROSION AND SEDIMENT CONTROL REGULATIONS AND VDOT'S ESC STANDARDS AND SPECIFICATIONS.

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

Plan Sheet	3
Profile Sheet	3A
Drainage Description Sht.	3C

LEGEND

Denotes Temp. Silt Fence	Denotes Construction Limits In Cuts
Denotes Rock Check Dam	Denotes Construction Limits In Fills
Denotes Inlet Protection - Type A	Denotes Proposed Pavement
Denotes Inlet Protection - Type B	Denotes Overlay and Bulldup



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