

4/2/2014
9:32:07 AM

LIMITED ACCESS HIGHWAY

By Resolution of Highway Commission
dated October 4, 1956

LIMITED ACCESS HIGHWAY

By Resolution of Commonwealth Transportation
Board dated January 1, 1987

PROJECT MANAGER: Scott Woodcum, PE, 540-375-3580
SURVEYED BY: Woolpert Inc. and Ritec Associates
DESIGN SUPERVISED BY: Michael Hoosang, PE, 571-633-2225
DESIGNED BY: SDV, Incorporated, 571-633-2220

SUBSURFACE UTILITY OWNERS

APPALACHIAN POWER
802 RIVER AVENUE
ROANOKE, VA 24022

NTELOS
1900 ROANOKE ROAD
P.O. BOX 174
DALEVILLE, VA 24083

WESTERN VIRGINIA WATER AUTHORITY
601 SOUTH JEFFERSON STREET
ROANOKE, VA 24001

COX COMMUNICATIONS
5404 FALLOWATER LANE
ROANOKE, VA 24036

ROANOKE GAS
615 KIMBALL AVENUE
ROANOKE, VA 24030

NETWORK OPERATIONS
ONE TECHNOLOGY CENTER
100 SOUTH CINCINNATI AVENUE
TULSA, OK 74103

KENTUCKY DATA LINK
225 FRANKLIN ROAD SW
ROANOKE, VA 24001

VERIZON
4843 OAKLAND BOULEVARD
ROANOKE, VA 24030

Best Buy

staples

Target

PetSmart

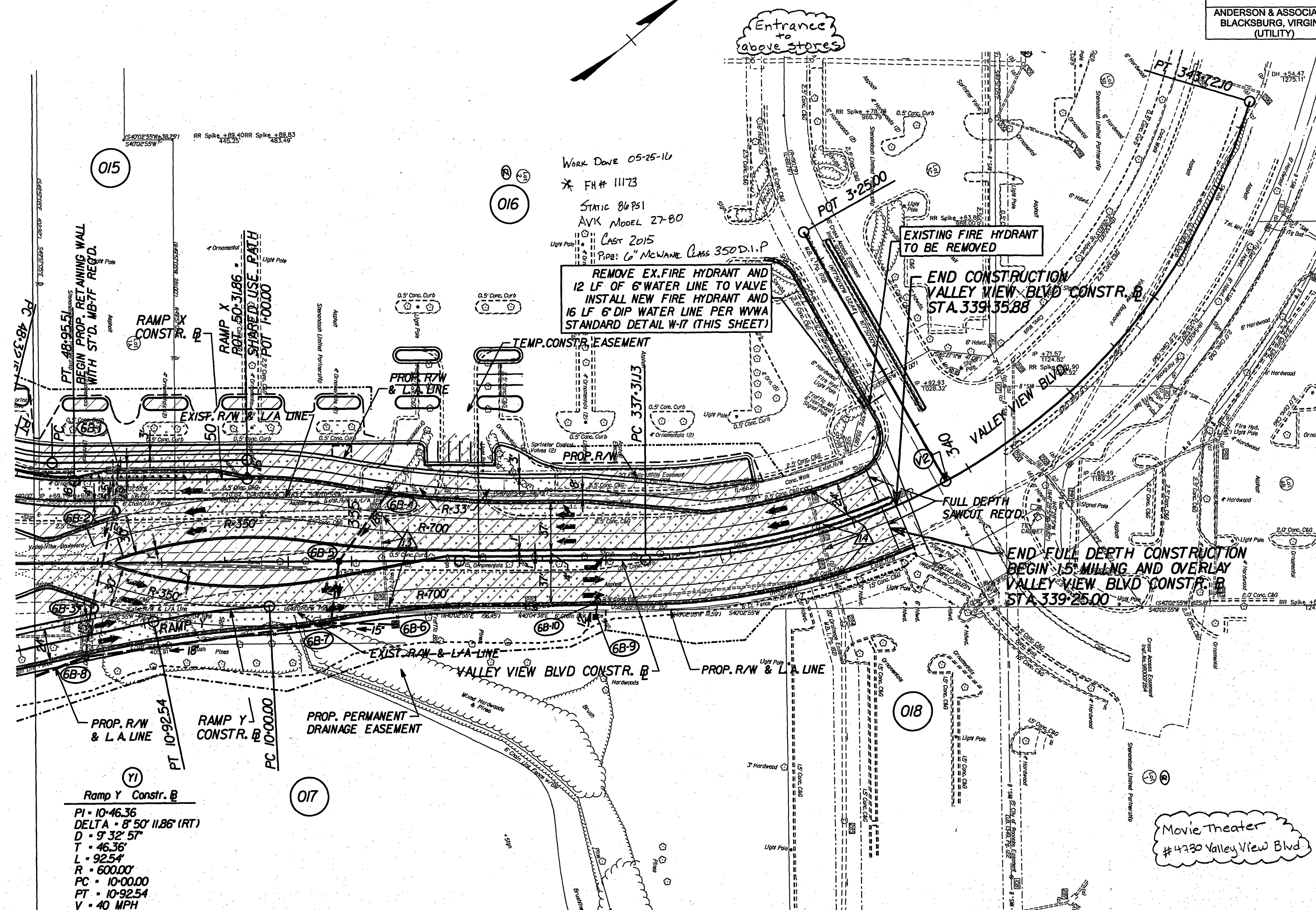
CONSTRUCTION PLAN
APPROVED
FOR CONSTRUCTION BY THE
WESTERN VIRGINIA WATER
AUTHORITY

Approved By: *David W. [Signature]* Date: 4-7-14

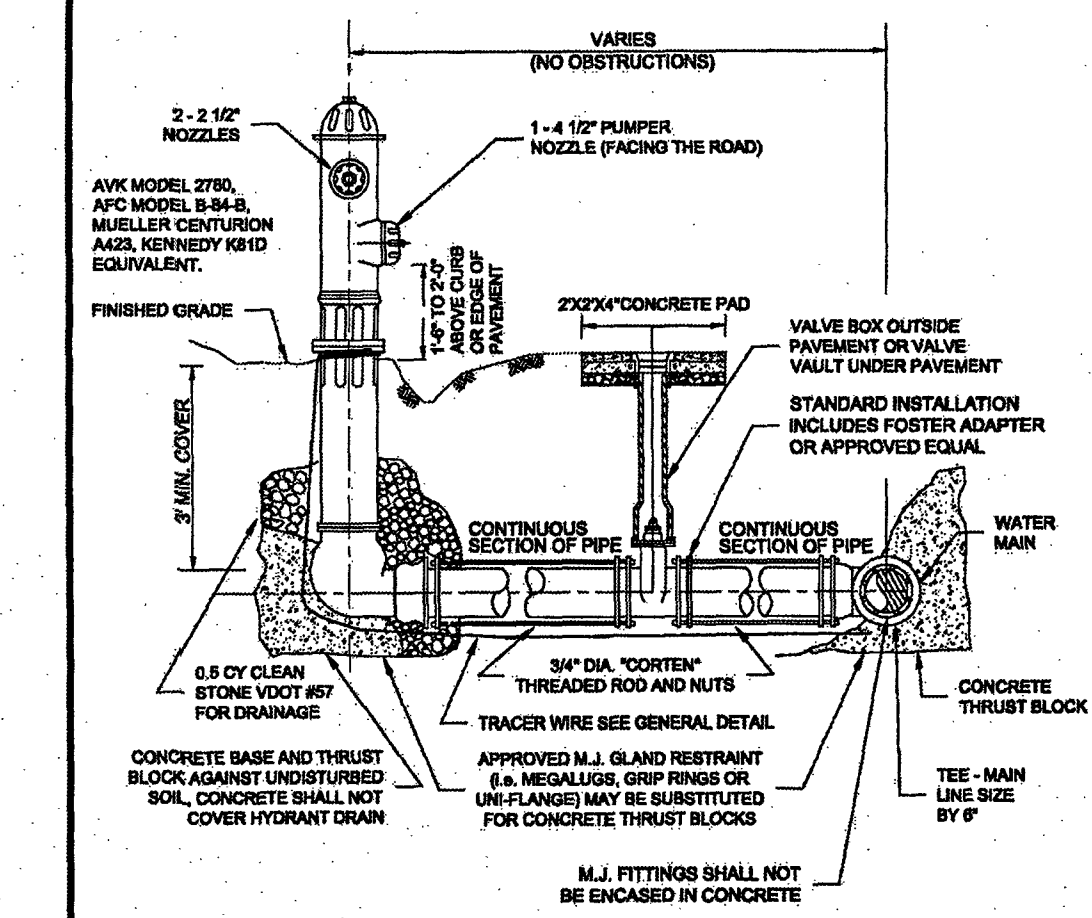
ANDERSON & ASSOCIATES
BLACKSBURG, VIRGINIA
(UTILITY)

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.			0581-128-109, PE-101 RW-201, C-501, B-627	18(12)

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



1. PUBLIC HYDRANTS SHALL BE PAINTED SILVER WITH AN OIL-BASED PAINT. PRIVATE HYDRANTS SHALL ALSO BE PAINTED SILVER WITH AN OIL-BASED PAINT UNLESS OTHERWISE SPECIFIED BY THE JURISDICTIONAL FIRE MARSHAL.
2. FIRE HYDRANT SHALL BE INSTALLED 2 MIN. AND 4 MAX. FROM BACK OF CURB OR 8 MIN. AND 12 MAX. FROM EDGE OF PAVEMENT WHEN CURB IS NOT PRESENT. FIRE HYDRANT TO BE INSTALLED WITHIN RIGHT-OF-WAY OR EASEMENT LINE.
3. AREA AROUND HYDRANT AT A RADIUS OF 4' TO BE LEVEL AND UNOBSTRUCTED.
4. WATERPROOF BASIN OR OUT OF SERVICE BASIN SHALL BE PLACED OVER ALL NEWLY INSTALLED FIRE HYDRANTS.
5. HIGH PRESSURE (OVER 120 PSI) REQUIRE THE USE OF ALL 3 RESTRAINTS.
6. IF DURING CONSTRUCTION THE SEASONAL WATER LEVEL IS NOTED TO BE ABOVE THE DRAIN OUTLETS OF THE PROPOSED HYDRANT, THE PARTICIPATING UTILITY WILL BE NOTIFIED IMMEDIATELY SO THAT THE HYDRANT CAN BE RELOCATED TO A SUITABLE LOCATION, OFFSET, OR THE DRAIN HOLE PLUGGED.
7. TWO WRAPS OF TRACER WIRE SHALL BE WRAPPED AROUND BASE OF HYDRANT.
8. APPROVED MODELS - AVK MODEL 2780, APC MODEL 2780, APC MODEL 8-84-S, MUELLER CENTURION A42, KENNEDY 6810 EQUIVALENT.

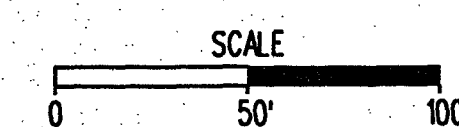


WESTERN VIRGINIA REGIONAL - CONSTRUCTION DETAIL
FIRE HYDRANT ASSEMBLY W-17

REFERENCES
(PROFILES, DETAIL & DRAINAGE
DESCRIPTION SHEETS, ETC.)
VALLEY VIEW BLVD. PROFILE 68(1)
SHARED USE PATH PROFILE 6C(1), 6C(2)
DRAINAGE DESCRIPTIONS

F. I. 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.



PROJECT
0581-128-109
SHEET NO.
18(12)

- Denotes Demolition of Pavement
- Denotes Milling and Resurfacing
- Denotes Proposed Asphalt Pavement
- Denotes Proposed Asphalt Shoulder

Note: Figures in parenthesis and dot-dot-dashed lines denote Temporary Easements.
Note: Figures in brackets and dot-dashed lines denote Permanent Easements.

- Denotes Construction Limits In Cuts
- Denotes Construction Limits In Fills