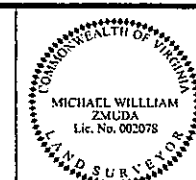


PROJECT MANAGER, Chris W. P. - Salem, District  
SURVEYED BY: Chris W. P. - Salem, District (Party 60)  
DESIGN SUPERVISED BY: John A. Thompson (804) 323-9900  
DESIGNED BY: John A. Thompson (804) 323-9900

Rte. 688  
Curve 688-4  
PI - 112+05.81  
DELTA - 29° 35' 42.6" (RT)  
D - 5' 32' 28"  
T - 27.315'  
L - 534.00'  
R - 1034.00'  
PC - 109+32.57  
PT - 114+66.76  
Lr - 59'  
E - 3.0%  
V - 35 MPH

| Line Table           |          |  | Line Table           |          |  | Curve Table       |         |          |
|----------------------|----------|--|----------------------|----------|--|-------------------|---------|----------|
| Bearing              | Distance |  | Bearing              | Distance |  | Delta             | Length  | Radius   |
| L-27 N 25° 26' 51" E | 212'     |  | L-45 N 39° 13' 59" W | 59.52'   |  | C-16 04° 03' 54"  | 75.91'  | 1070.00' |
| L-28 S 23° 03' 43" W | 10.93'   |  | L-46 S 13° 25' 04" W | 27.14'   |  | C-17 07° 49' 52"  | 117.9'  | 368.91'  |
| L-29 N 52° 34' 04" W | 65.88'   |  | L-47 S 40° 49' 23" E | 88.12'   |  | C-18 02° 38' 42"  | 49.40'  | 1070.00' |
| L-30 S 31° 27' 12" W | 13.44'   |  | L-48 N 40° 10' 07" W | 139.01'  |  | C-19 02° 55' 12"  | 54.53'  | 1070.00' |
| L-31 N 52° 34' 04" W | 48.00'   |  | L-49 S 44° 19' 58" E | 105.81'  |  | C-20 02° 45' 01"  | 51.38'  | 1070.00' |
| L-32 S 37° 43' 46" W | 13.80'   |  | L-50 S 60° 45' 14" W | 3.29'    |  | C-21 03° 04' 04"  | 57.29'  | 1070.00' |
| L-33 N 52° 34' 04" W | 53.05'   |  | L-51 N 43° 34' 17" W | 105.09'  |  | C-22 04° 21' 58"  | 48.52'  | 636.63'  |
| L-34 S 45° 04' 04" W | 117.6'   |  | L-52 N 79° 37' 03" W | 35.33'   |  | C-23 03° 40' 00"  | 68.47'  | 1070.00' |
| L-35 N 52° 34' 04" W | 49.82'   |  | L-53 N 60° 45' 14" E | 15.27'   |  | C-24 06° 10' 34"  | 68.62'  | 636.63'  |
| L-36 S 50° 29' 57" W | 8.43'    |  | L-54 S 40° 08' 10" E | 47.83'   |  | C-25 01° 14' 49"  | 23.29'  | 1070.00' |
| L-37 N 52° 34' 04" W | 8.23'    |  | L-55 N 40° 06' 10" W | 50.05'   |  | C-26 78° 57' 45"  | 34.45'  | 250.00'  |
| L-38 S 50° 28' 47" W | 6.98'    |  | L-56 N 60° 45' 14" E | 22.18'   |  | C-27 01° 53' 04"  | 20.94'  | 636.63'  |
| L-39 S 40° 49' 23" E | 75.83'   |  | L-57 N 43° 34' 17" W | 5.46'    |  | C-28 44° 35' 41"  | 23.43'  | 30.00'   |
| L-40 S 71° 18' 30" W | 23.35'   |  |                      |          |  | C-29 03° 20' 58"  | 57.26'  | 979.50'  |
| L-41 N 40° 07' 52" W | 73.67'   |  |                      |          |  | C-30 05° 43' 32"  | 59.46'  | 595.00'  |
| L-42 S 60° 32' 55" E | 9.88'    |  |                      |          |  | C-31 104° 06' 35" | 45.43'  | 250.00'  |
| L-43 S 42° 08' 45" E | 176.70'  |  |                      |          |  | C-32 74° 54' 38"  | 39.22'  | 30.00'   |
| L-44 N 40° 49' 23" W | 23.35'   |  |                      |          |  | C-33 28° 26' 38"  | 255.17' | 514.00'  |

| Parcel | Proposed Right Of Way | Prescriptive Right Of Way | Proposed Temporary Construction Easement | Proposed Temporary Easement | Proposed Permanent Easement | Proposed Permanent Easement |
|--------|-----------------------|---------------------------|------------------------------------------|-----------------------------|-----------------------------|-----------------------------|
| 010    | 0.0119 Acre           |                           | 0.0141 Acre                              |                             | 0.0895 Acre                 | 0.0937 Acre                 |
| 012    | 0.0137 Acre           |                           | 0.0109 Acre                              |                             | 0.0459 Acre                 | 0.0459 Acre                 |
| 013    | 0.0171 Acre           |                           | 0.0090 Acre                              |                             | 0.0284 Acre                 | 0.0284 Acre                 |
| 014    | 0.0150 Acre           |                           | 0.0198 Acre                              |                             |                             |                             |
| 015    | 0.0129 Acre           |                           | 0.0226 Acre                              |                             |                             |                             |
| 016    | 0.0117 Acre           |                           | 0.0294 Acre                              |                             |                             |                             |
| 017    | 0.0208 Acre           |                           | 0.0709 Acre                              |                             | 0.0408 Acre                 |                             |
| 018    | 0.0377 Acre           |                           | 0.0077 Acre                              |                             |                             |                             |
| 019    | 0.0760 Acre           | 0.0169 Acre               | 0.0568 Acre                              |                             | 0.3022 Acre                 |                             |
| 033    |                       |                           | 0.0394 Acre                              |                             | 0.0443 Acre                 | 0.0132 Acre                 |
| 034    |                       |                           |                                          |                             |                             |                             |
| 035    | 0.0299 Acre           |                           | 0.0089 Acre                              |                             | 0.0959 Acre                 | 0.0045 Acre                 |
| 036    | 0.0101 Acre           |                           |                                          |                             |                             |                             |
| 037    |                       |                           |                                          |                             | 0.0795 Acre                 | 0.0854 Acre                 |
| 038    |                       |                           |                                          |                             | 0.0927 Acre                 | 0.0937 Acre                 |
| 039    |                       |                           |                                          |                             | 0.0459 Acre                 | 0.0459 Acre                 |

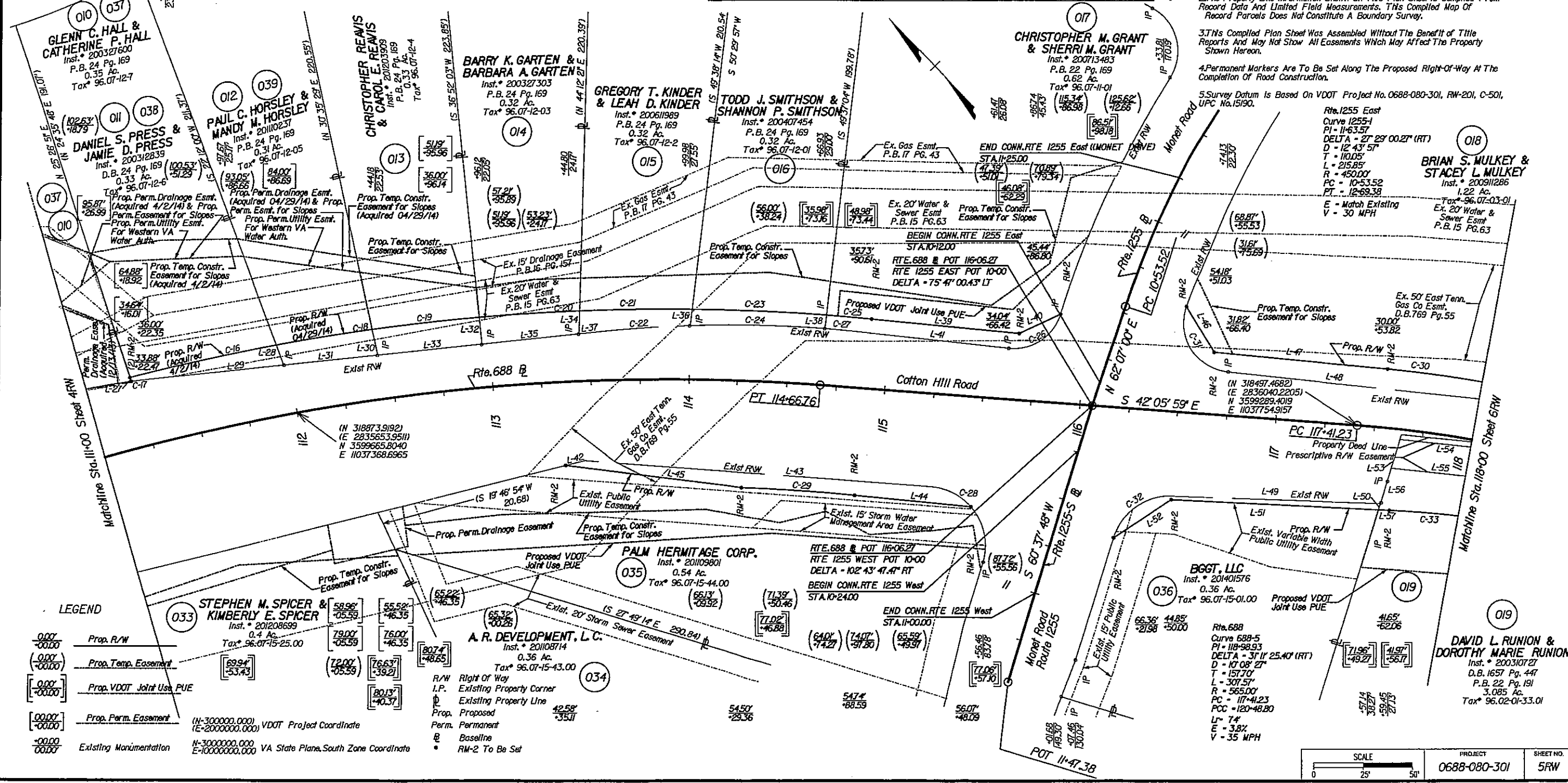


zmda  
Johnston, Mirmann & Thompson  
Richmond, Virginia  
LAND SURVEYOR

| REVISION                                                 | STATE | ROUTE | PROJECT                        | SHEET NO. |
|----------------------------------------------------------|-------|-------|--------------------------------|-----------|
| 12/02/13<br>03/26/14<br>04/09/14<br>06/24/14<br>07/02/14 | VA.   | 688   | 0688-080-301,<br>RW-201, C-501 | 5RW       |

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

General Notes:  
1. I hereby certify that the courses shown along the proposed right-of-way on this plan sheet are correct to the best of my knowledge and belief; and this plan sheet complies with the minimum standards and procedures as established by the Virginia Department of Transportation's Location and Design Division.  
2. The Property Line Information Shown On This Plan Sheet Is Compiled From Record Data And Limited Field Measurements. This Compiled Map Of Record Parcels Does Not Constitute A Boundary Survey.  
3. This Compiled Plan Sheet Was Assembled Without The Benefit Of Title Reports And May Not Show All Easements Which May Affect The Property Shown Hereon.  
4. Permanent Markers Are To Be Set Along The Proposed Right-Of-Way At The Completion Of Road Construction.  
5. Survey Datum Is Based On VDOT Project No. 0688-080-301, RW-201, C-501, UPC No. 15190.



| SCALE     | PROJECT      | SHEET NO. |
|-----------|--------------|-----------|
| 0 25' 50' | 0688-080-301 | 5RW       |