



Charlottesville Residency Monthly Report



February 2004

- **Mission**
- **Essential Tasks Assessment**
- **Construction & Maintenance**
- **Planning & Traffic Engineering**
- **Issues**



Charlottesville Residency

Monthly Report



Mission

The VDOT Charlottesville Residency builds and maintains roads, provides transportation expertise and regulatory authority and facilitates traffic engineering issues for Albemarle and Greene Counties in ways that are:

- focused on public safety**
- fiscally and environmentally responsible**
- supportive of alternative transportation means**
- supportive of neighborhood and regional development**



Charlottesville Residency Monthly Report



ESSENTIAL TASKS

TASK

ASSESSMENT REMARKS

(see legend below)

1. MAINTAIN SECONDARY & PRIMARY ROADS

● (A)

o ROW: mow, ditch, pipes, trim,
signs, patrols

o ROADWAY: grade, pave, patch

o EMERGENCY OPS

o REPAIR & BUILD BRIDGES

- Replaced damaged bridge rail
Rt 20 bridge

- Deck repairs on Rt 628 bridge

o MAINTAIN EQUIPMENT



Charlottesville Residency Monthly Report



ESSENTIAL TASKS (continued)

TASK

ASSESSMENT REMARKS

(see legend below)

2. MANAGE CONSTRUCTION PROGRAM

● (G)

o PE Activities

- Airport Road, Rt 649, advertised
for construction. Bid due 2/25/04

o Project Construction



Charlottesville Residency Monthly Report



ESSENTIAL TASKS (continued)

| Task | Assessment (See legend below) | Remarks |
|--|----------------------------------|--|
| 3. CONDUCT PLANNING ACTIVITIES | ●(G) | |
| o Issue and review permits | | - 35 land use permits issued - 7 Revised plans reviewed & comments provided as needed |
| o Review site plans and rezoning request | | - 5 new site plans reviewed - 10 Special Use Permits reviewed & comments provided - 8 developments in planning stages - 1 Rezoning reviewed |
| o Conduct studies and advise | | |
| o Inspect and monitor subdivisions | | - 4 subdivision plan reviews - 2 subdivisions inspected for acceptance -1 subdivision accepted |



Charlottesville Residency Monthly Report



ESSENTIAL TASKS (continued)

| TASK | ASSESSMENT (see legend below) | REMARKS |
|---|----------------------------------|--|
| 4. FACILITATE TRAFFIC ENGINEERING <ul style="list-style-type: none">o Request and advise on signals & signso Request and advise on studies & datao Assist with design | ● (G) | <ul style="list-style-type: none">- 10 Traffic issues submitted- 8 Traffic issues outstanding |



Charlottesville Residency Monthly Report



PRELIMINARY ENGINEERING

| February 2004 | | | Albemarle County Six-Year Plan Project Status | | | | | | | | | |
|------------------|-------|----------|---|---------------------------------------|---------|--------|--------|------|----------|-------|-------|--------------------------------|
| Primary Projects | | | | | | | | | | | | |
| Route | PPMS | Designer | Project Number | Description | Scoping | Survey | Review | P.H. | Inspect. | R/W | Adv. | Comments |
| 53 | 18897 | BAA | 0053-002-101,B601 | Bridge Replacement- Buck Island Creek | | | | | | 01-04 | 9-04 | On Schedule (Updated 9-03) |
| | | | | Widening pave Shoulder | | | | | | | | |
| 20 | 60395 | BAA | 002-002-129,N501 | Rte. 20 N Various Locations | | N/A | N/A | N/A | N/A | N/A | 1-04 | On Schedule (Updated 09-03) |
| | | | | Widening pave Shoulder | | | | | | | | |
| 250 | 60396 | BAA | 0250-002-117,N501 | Rte 250 E Various Locations | | N/A | N/A | N/A | N/A | N/A | 1-04 | On Schedule (Updated 09-03) |
| | | | | | | | | | | | | |
| Secondary Roads | | | | | | | | | | | | |
| | | | Airport Road | | | | | | | | | Advertised |
| 649 | 2456 | SLM | 0649-002-158,C501 | 4-lanes w/sidewalks & bike lanes | | | | | | | 01-04 | (Updated 01-04) |
| | | | Jarman Gap Rd | | | | | | | | | Public Mtg. Comments submitted |
| 691 | 11129 | DWS | 0691-002-158,C501 | 2-lanes w/bike lanes & sidewalk | | | | 7-03 | 9-03 | 5-04 | 6-06 | to County; (Updated 10-03) |
| | | | McIntire Rd. Ext. | New Alignment | | | | | | | | On schedule for advertisement |
| 631 | 2530 | BAA | 0631-002-128,C502 | Meadow Creek Parkway | | | | 3-04 | 8-05 | 6-06 | 6-08 | (Updated 10-03) |
| | | | Free State Rd. Connector | | | | | | | | | 19 Mo. Inactivity |
| -- | 52393 | JWH | R000-002-259,C501 | Construct 2 lanes on 4-lane R/W | | - | - | - | - | - | - | (Updated 10-02) |
| | | | | | | | | | | | | |
| Gravel Roads | | | | | | | | | | | | |
| | | | Secretarys Road | | | | | | | | | A waiting contract award |
| 708 | 11130 | - | 0708-002-P 77,N501 | Widen and P ave | | N/A | N/A | N/A | N/A | 1-03 | 12-03 | (Updated 9-03) |



Charlottesville Residency Monthly Report



PRELIMINARY ENGINEERING

| February 2004 | | | Greene County Six Year Plan Project Status | | | | | | | | | Secondary Projects |
|---------------|-------|----------|--|-------------------------|-------|--------|--------------|------|-------------|------|-------|---------------------------------------|
| Route | PPMS | Designer | Project | Description | Scope | Survey | Field Review | P.H. | Field Insp. | R/W | Adv. | Comments |
| | | | | Bacon Hollow Road | | | | | | | | Widen and straighten 2-lane roadway |
| 627 | 51022 | RDL | 0627-039-195,C501 | Fr. Rte. 615 to Rte 632 | | | | | 1-03 | 6-04 | 11-05 | (updated 5-03) |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | Gravel Roads |
| | | | | 0.35 Mi. E. Rte 619 | | | | | | | | Widen and Surface Treat - Gravel Road |
| 618 | 64173 | - | 0618-002-P 57,N501 | Orange Co. Line | | N/A | N/A | N/A | N/A | N/A | 11-03 | Contract Awarded (updated 1-04) |
| | | | | Watson Road | | | | | | | | Widen and Surface Treat - Gravel road |
| 640 | 2515 | - | 0640-039-137,N501 | Fr. Rte.633 to Dead End | 11-03 | N/A | N/A | N/A | N/A | N/A | 11-05 | (updated 10-03) |



Charlottesville Residency

Monthly Report



CONSTRUCTION PAVING & CONSTRUCTION PROJECTS

| CHARLOTTESVILLE RESIDENCY CONSTRUCTION PROJECTS | | | | | | | 04 | | Percent | |
|---|--|----------------------------|-----|-----|-----|-----|----------|---------------|---------|--|
| Street Name | Project | Description | | | | | Complete | Contract Cost | | |
| | | | Dec | Jan | Feb | Mar | | | | |
| Various Int. in the City of Charlottesville | U000-104-114,C501 | Traffic Signalization | | | | | 35 | 35 | | |
| | Remarks: Contractor plans to begin signal pole foundations depending on weather. | | | | | | | | | |
| Mountain Vista | 0737-002-P68,N501 | Secondary Rd Improvement | | | | | 90 | 90 | | |
| | Remarks: Plan to complete all work minus paving by end of December. Paving will be scheduled in the spring. | | | | | | | | | |
| Scottsville Road | (NFO)0020-002-126,C501, B608 | Bridge over Hardware River | | | | | 0 | 0 | | |
| | Remarks: Contractor plans to pour foundation for south side bridge abutment during January. | | | | | | | | | |
| Mayo Road | 0650-039-P56,N501 | Secondary Rd Improvement | | | | | 90 | 90 | | |
| | Remarks: Plan to complete all work minus paving by end of December. Paving will be scheduled in the spring. | | | | | | | | | |
| Various Sec. and Primary Roads | PM-7B-03 | Asphalt Overlay | | | | | 95 | 95 | | |
| | Remarks: Paving Rts 623 & 633 in Greene Co. postponed until spring. | | | | | | | | | |
| Dyke Road | 0810-039-146, C501 | Secondary Rd. Improvement | | | | | 0 | 0 | | |
| | Remarks: Contractor has procured a staging area; will be installing construction signs; begin clearing if weather permits. | | | | | | | | | |



Charlottesville Residency

Monthly Report



MAINTENANCE

Yancey Mills Headquarters

JANUARY

Goal: Clean snow equipment and stock materials.

FEBRUARY

Goal: Patch primary routes

| | | |
|--------------------------------------|-----------------------------------|------------------------------|
| <u>Pr</u> MOWING | None | None |
| <u>Pr 1</u> PATCHING | Rts 64, 250, 29, 635 | Rts 64 29 691 684 |
| <u>Pr 2</u> GRADE/MACHINE/ ADD STONE | Rts 637, 633, 634, 689, 811, 611 | Rts 702, 745, 683, 637, 689 |
| <u>Pr 3</u> DITCH/PIPE | Rt 745 | Rt 633 |
| <u>Pr 6</u> GUARDRAIL/ MOWING | Rts 635, 637 | Rts 29, 689, 708, 691 |
| <u>Pr 5</u> GUARDRAIL REPAIR | Rts 29, 64 | Rts 29, 64 |
| <u>Pr 4</u> EQUIP MAINT | PER SCHEDULE | PER SCHEDULE |
| <u>Pr</u> EMERGENCY OPS | Snow events 1/8; 1/14; 1/17; 1/25 | |
| <u>Pr 7</u> OTHER | Remove dead trees Rts 708, 633 | Repair shoulders Rts 64, 250 |



Charlottesville Residency

Monthly Report



MAINTENANCE

Free Union Headquarters

January

Goal:

Tree and Debris Removal

Brush Removal -Rts 614, 810, 1390, 1322, 1002

Clear Rivanna Lot

Spot Patching - Rts 743, 810, 606, 601, 1403, 660, 250, 674
677,671,665,

Rts 662, 674, 667, 673, 821

Cleaned drains - Rts 614, 1452, 662

Rt 810 Complete
Rt. 614 Complete

Snow Equipment Repair and Cleanup

Icy Roads - 29 @ Berkshire
Snow Event - 1/8 - 1/10
Snow Event - 1/14
Snow Event - 1/17 - 1/18
Snow Event - 1/25 - 1/27

Trash Removal -Rt 606
Stocking Stone
Repair Washout w/RipRap -Rt 614
Traffic Control - Bridge Crew - Rt 29
Pipe Inspection - Rt 29

February

Goal:

Tree and Debris Removal

Mowing Complete

Tree/Brush Removal - Rts 810, 665, 743
(3000 Block)

Spot Patch As Needed
Shoulder Repair - Rts 250, 601, 654
Machine and Add Stone - Rts 606, 643, 661, 662, 673, 675, 756, 766, 776, 671, 668, 678

Clean and Repair Drains - Rts 662, 671, 609

Per Schedule
Service Snow Equipment and Repair

Customer Concerns
Good Housekeeping

Pr 1 MOWING

Pr 4 PATCHING

Pr 3 GRADE/MACHINE/
ADD STONE

Pr 2 DITCH/PIPE

Pr GUARDRAIL/ MOWING

Pr 5 GUARDRAIL REPAIR

Pr EQUIP MAINT

Pr EMERGENCY OPS

Pr 6 OTHER



Charlottesville Residency

Monthly Report



MAINTENANCE

Keene Headquarters

January

Goal: Patching on secondaries

Pr 3 MOWING

Cutting Rights-of-Way Rts 795, 627, 29

Pr 6 PATCHING

Patching (Pot Holes) Rts. 638, 727, 795, 840

Pr 4 GRADE/MACHINE/ ADD STONE

Repair Shoulders-(Mail boxes)- Rts.800, 602, 630 795,
Machine & Add Stones Rts. 724, 633, 631, 712, 722, 723, 761, 708, 728, 795

Pr 8 DITCH/PIPE

Pipe Rt. 620

Pr 2 GUARDRAIL/ MOWING

None

Pr 9 GUARDRAIL REPAIR

None

Pr 5 EQUIP MAINT

Tires,

Pr 7 EMERGENCY OPS

Snow events 1/8; 1/14; 1/17; 1/25
Clean Equipment

Pr 1 OTHER

Traffic Control Rt. 20 Scottsville Bridge,
Stocking Materials (Sand,Salt,C.Chloride)

February

Goal: Finish Guardrail Mowing

Day Light Signs - Rt 6

Cutting Rights-of-Way Rts 627,717, 795

Patching (Pot Holes) Rt. 729

Repair Shoulders-(Mail Boxes)-
Rts. 630, 670

Machine & Add Stone Rts. 674, 722, 717, 712, 795, 678, 813, 711, 708, 728, 761, 713, 714, 704, 627
None

Guard Rail Mowing Rt. 20

None

As Needed

Traffic Control Rts. 20, 29
Stocking Materials (Sand,Salt,C.Chloride)



Charlottesville Residency

Monthly Report



MAINTENANCE

Boyd Tavern Headquarters

January

Goal: Complete patching on primary routes

February

Goal: To start interstate boom ax and ditch work

Pr 3 MOWING/Brush cutting

None

Rt 64

Pr 1 PATCHING

Rts 1340, 641, 769

Rts 64, 231, 600

Pr 2 GRADE/MACHINE/ ADD STONE

Rts 646, 612, 608, 600, 746, 744, 640

Rts 700, 747, 784, 641

Pr 4 DITCH/PIPE

Rts 640, 744, 600, 747, 649

Rts 731, 762, 1120, 819, 741

Pr GUARDRAIL/ MOWING

None

None

Pr GUARDRAIL REPAIR

None

None

Pr EQUIP MAINT

Clean equipment

As needed

Pr EMERGENCY OPS

Snow & Ice Control (1-9 thru 1-12)
(1-25 thru 1-30-04)

Pr OTHER

Brush cutting Rt 631
Shoulder Repair Rt 250



Charlottesville Residency

Monthly Report



Maintenance

STANARDSVILLE HEADQUARTERS

| | January | February |
|---|--|---|
| | <u><i>Goal: All goals were met 100% except for pipe replacement due to weather and utility problems.</i></u> | <u><i>Goal: Patch potholes 100% on secondary and primary.</i></u> |
| <u>Pr 1 MOWING</u> | None | None |
| <u>Pr 2 PATCHING</u> | Patched pot holes on Rts 33, 29, 33, 230 | Patch holes on secondary and primary as needed |
| <u>Pr 1 GRADE/MACHINE/ ADD STONE</u> | Graded & replaced stone on Rts 636, 639, 603, 601, 638, 634, 635, 640, 618, 806, 643 Completed shoulder work on turn lanes Rts 622 & 623 also lines were painted on turn lanes. | Grade and replace stone on Rts 618, 638, 614, 626, 630, 627, 629, 634, 676, 605 |
| <u>Pr 3 DITCH/PIPE</u> | Replaced pipe on Rt. 633 (separated) | Replace pipe on Rts 642, 626 |
| <u>Pr 4 GUARDRAIL/ MOWING</u> | Long arm mower on Rt.621 & 667 | Tree & brush cutting on primary Rt.29 |
| <u>Pr 7 GUARDRAIL REPAIR</u> | To be repaired by Makco Rt.29 north | Repairs to be made by Makco Rt. 33 Mt. |
| <u>Pr 5 EQUIP MAINT</u> | Clean & repair snow equipment as needed. | As scheduled |
| <u>Pr 6 EMERGENCY OPS</u> | Snow removal | Slide repairs on Rt.33 Mt. |
| <u>Pr OTHER</u> | | |



Charlottesville Residency Monthly Report



Equipment

| AREA HQ EQUIPMENT ITEM | POSSIBLE # OF DAYS OPERATIONAL | # DAYS IN THE SHOP | # DAYS OPERATIONAL | % | RATING (COLOR) |
|-------------------------------|--------------------------------------|--|-----------------------|---------|-------------------|
| YANCEY MILLS | | | | | |
| Trucks 8 | 248 | 7 | 241 | 97.18% | Green |
| Loaders 1 | 31 | 0 | 31 | 100.00% | Green |
| Grader 2 | 62 | 0 | 62 | 100.00% | Green |
| Tractor mowers 4 | 124 | 0 | 124 | 100.00% | Green |
| Rollers 1 | 31 | 0 | 31 | 100.00% | Green |
| FREE UNION | | | | | |
| Trucks 7 | 217 | 19 | 198 | 91.24% | Green |
| Loaders 1 | 31 | 0 | 31 | 100.00% | Green |
| Backhoe 1 | 31 | 43 | -12 | -38.71% | Black |
| Tractor mowers 3 | 93 | 0 | 93 | 100.00% | Green |
| Rollers 2 | 62 | 0 | 62 | 100.00% | Green |
| Graders 2 | 62 | 0 | 62 | 100.00% | Green |
| BOYD TAVERN | | | | | |
| Trucks 7 | 217 | 15 | 202 | 93.09% | Green |
| Loader 1 | 31 | 0 | 31 | 100.00% | Green |
| Rollers 1 | 31 | 0 | 31 | 100.00% | Green |
| Tractor mowers 4 | 124 | 0 | 124 | 100.00% | Green |
| Graders 1 | 31 | 0 | 31 | 100.00% | Green |
| KEENE | | | | | |
| Trucks 7 | 217 | 23 | 194 | 89.40% | Amber |
| Loaders 2 | 62 | 0 | 62 | 100.00% | Green |
| Backhoes 1 | 31 | 0 | 31 | 100.00% | Green |
| Tractor mowers 4 | 124 | 0 | 124 | 100.00% | Green |
| Rollers 2 | 62 | 0 | 62 | 100.00% | Green |
| Graders 2 | 62 | 0 | 62 | 100.00% | Green |
| STANARDSVILLE | | | | | |
| Trucks 7 | 217 | 19 | 198 | 91.24% | Green |
| Loaders 1 | 31 | 0 | 31 | 100.00% | Green |
| Graders 2 | 62 | 49 | 13 | 20.97% | Black |
| Tractor mowers 4 | 124 | 0 | 124 | 100.00% | Green |
| Chippers 1 | 31 | 0 | 31 | 100.00% | Green |
| Rollers 1 | 31 | 0 | 31 | 100.00% | Green |
| Bridge Crew | | | | | |
| Trucks 4 | 124 | 3 | 121 | 97.58% | Green |
| Loaders 1 | 31 | 0 | 31 | 100.00% | Green |
| Legend: | | | | | |
| Green: 90 - 100% Excellent | | Amber: 80-90% Good, room for improvement | | | |
| Red: 70-80% Needs improvement | | Black: Below minimum standards | | | |



Charlottesville Residency Monthly Report



| AREA HEADQUARTERS | AUTHORIZED/ PERSONNEL | LAST MONTH'S ABSENT DAYS | NEXT MONTH'S APPROVED LEAVE |
|--------------------------|--------------------------|-----------------------------|--------------------------------|
| | ASSIGNED | JANUARY | DAYS (FEBRUARY) |
| Yancey Mills | | | |
| Superintendent | 1/1 | 3 | 4 |
| Maintenance Supervisors | 2/1 | 17 | 0 |
| Operators | 11/11 | 12 | 4 |
| Free Union | | | |
| Superintendent | 1/1 | 1 | 0 |
| Maintenance Supervisors | 2/2 | 3 | 0 |
| Operators | 11/10 | 16 | 0 |
| Boyd Tavern | | | |
| Superintendent | 1/1 | 2 | 0 |
| Maintenance Supervisors | 2/2 | 3 | 0 |
| Operators | 10/9 | 6 | 8 |
| Keene | | | |
| Superintendent | 1/1 | 0 | 0 |
| Maintenance Supervisors | 2/2 | 5 | 2 |
| Operators | 12/12 | 28 | 2 |
| Stanardsville | | | |
| Superintendent | 1/1 | 0 | 0 |
| Maintenance Supervisors | 2/2 | 2 | 0 |
| Operators | 12/12 | 30 | 0 |
| Bridge/Sign Crews | | | |
| Superintendent | 1/0 | VACANT | VACANT |
| Maintenance Supervisor | 1/1 | 2 | 0 |
| Operators | 7/4 | 20 | 0 |
| Shop | | | |
| Shop Supervisor | 1/1 | 0 | 0 |
| Mechanics | 4/3 | 3 | 0 |



Charlottesville Residency Monthly Report



PLANNING

| Project | Traffic Study Scoping | Traffic Study Review | Site Plan Review | Current Status |
|---------------------------------------|-----------------------|----------------------|------------------|---|
| Albemarle Towne Center (Sperry) | | 11/19/2001 | | Awaiting site plan |
| Peter Jefferson/Martha Jefferson Site | | | | Awaiting site plan. |
| Rivanna Village at Glenmore | | | | Waiting for proffers to be submitted for comment. Conceptual site plan under review. |
| North Pointe | | 11/6/2001 | | Comments on proffers submitted to County Staff. |
| Hollymead | 7/12/2002 | 7/20003 | | Initial road design plan comments sent to County Staff. |
| Pantops Ridge | 7/18/2002 | 11/13/2002 | | VDOT and County staff are exploring alternative access solutions for the site. |
| Moore Brass Tract | | 6/11/2003 | | Comments on traffic study submitted to County Staff. VDOT and County staff are reviewing previous submissions. |



Charlottesville Residency Monthly Report



TRAFFIC ENGINEERING

Traffic Engineering Issues Under Review: Albemarle

| Route | Location | Issue Type | Received | Description | Reviewer |
|--------------|---------------------------------|-------------------|-----------------|-------------------------------------|-----------------|
| 20 | 2479 Stoney Point | Guardrail | 01/06/04 | Guardrail Study | Culpeper TED |
| 20 | Various | Signage | 07/23/03 | Directional signage for James River | Culpeper TED |
| 626 | 6 | Pvmt Markings | 11/21/03 | Stop Bar Requested | Culpeper TED |
| 710 | From Route 29 to Route 696 | Speed | 9/16/03 | Speeding | Culpeper TED |
| 743 | At intersection with Rock Store | Pvmt Markings | 11/5/03 | Pavement Marking Review | Culpeper TED |
| 1251 | Various (Western Ridge) | Signage | 10/28/03 | Child at Play signs | Culpeper TED |

Traffic Engineering Issues Under Review: Greene

| Route | Location | Issue Type | Received | Description | Reviewer |
|--------------|--------------------------|-------------------|-----------------|-----------------------|-----------------|
| 670 | Preddy Creek Subdivision | Guardrail | 01/06/04 | Guardrail Study | Culpeper TED |
| 633 | Rt 633 | Speed | 01/14/04 | Speed reduction study | Culpeper TED |
| 607 | Rt 607 | Speed | 01/14/04 | Speed reduction study | Culpeper TED |
| 33 | At Rt 633 | Traffic Light | 01/14/04 | Intersection study | Culpeper TED |



Charlottesville Residency Monthly Report



ISSUES

- **Blenheim Road (Route 795)**