

## DEPARTMENT OF TRANSPORTATION

CITIES OF SALEM & ROANOKE  
FROM: 0.157 MILES W.ECL SALEM  
TO: INTERSECTION OF EDGEWOOD ST.

|              |                              |      |        |    |           |
|--------------|------------------------------|------|--------|----|-----------|
| 3-3F         | PLAN AND PROFILE             | STA. | 57'00  | TO | 71'00     |
| 4-4A         | PLAN AND PROFILE             | "    | 71'00  | "  | 79'00     |
| 5-5A         | PLAN AND PROFILE             | "    | 79'00  | "  | 87'00     |
| 6-6B         | PLAN AND PROFILE             | "    | 87'00  | "  | 95'00     |
| 7-7B         | PLAN, PROFILE & DRAIN. DESC. | "    | 95'00  | "  | 103'00    |
| 8-8C         | PLANS AND PROFILE            | "    | 103'00 | "  | 111'00    |
| 9-9B         | PLAN AND PROFILE             | "    | 111'00 | "  | 119'00    |
| 10-10B       | PLAN AND PROFILE             | "    | 119'00 | "  | 127'00    |
| 11-11A       | PLAN AND PROFILE             | "    | 127'00 | "  | 135'00    |
| 12-12F       | PLAN, PROFILE & DRAIN. DESC. | "    | 135'00 | "  | 137+92.79 |
| 12G-12I      | ENTRANCE PROFILES            |      |        |    |           |
| 13(1)-13(17) | BRIDGE PLANS (B-602)         |      |        |    |           |
| 14(1)-14(9)  | TRAFFIC CONTROL DEVICE PLANS |      |        |    |           |
| 15(1)-15(12) | LANDSCAPE PLANS              |      |        |    |           |
| 16(1)-16(26) | UTILITY PLANS                |      |        |    |           |

THIS PLAN ASSEMBLY HAS BEEN CADD GENERATED AND IS AVAILABLE IN LAYERED FORMAT. THE CONTRACTOR SHALL REQUEST SPECIFIC LAYERED SHEETS FROM THE ENGINEER IN WRITING.

THIS PROJECT IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE DEPARTMENT'S ROAD AND BRIDGE SPECIFICATIONS DATED JANUARY 1994, ROAD AND BRIDGE STANDARDS DATED JAN. 1, 1993, WORK AREA PROTECTION MANUAL DATED JANUARY 1, 1996 AND AS AMENDED BY CONTRACT PROVISIONS AND THE COMPLETE PLAN ASSEMBLY.

### CONVENTIONAL SIGNS

|                            |       |                              |       |
|----------------------------|-------|------------------------------|-------|
| STATE LINE                 | ----- | LEVEE OR EMBANKMENT          | ===== |
| COUNTY LINE                | ----- | BRIDGES                      | ----- |
| CITY, TOWN OR VILLAGE      | ----- | CULVERTS                     | ----- |
| RIGHT OF WAY LINE          | ----- | DROP INLET                   | ----- |
| FENCE LINE                 | ----- | POWER POLES                  | ----- |
| UNFENCED PROPERTY LINE     | ----- | TELEPHONE OR TELEGRAPH POLES | ----- |
| FENCED PROPERTY LINE       | ----- | TELEPHONE OR TELEGRAPH LINES | ----- |
| WATER LINE                 | ----- | HEDGE                        | ----- |
| SANITARY SEWER LINE        | ----- | TREES                        | ----- |
| GAS LINE                   | ----- | HEAVY WOODS                  | ----- |
| ELECTRIC UNDERGROUND CABLE | ----- | GROUND ELEVATION             | ----- |
| TRAVELED WAY               | ----- | GRADE ELEVATION              | ----- |
| GUARD RAIL                 | ----- |                              |       |
| RETAINING WALL             | ----- |                              |       |
| RAILROADS                  | ----- |                              |       |
| BASE OR SURVEY LINE        | ----- |                              |       |

| City of Salem Population - 22,132 (1990 Census) |         |                         |           |          | City of Roanoke Population - 96,397 (1990 Census) |                            |       |                            |       |              |                                              |
|-------------------------------------------------|---------|-------------------------|-----------|----------|---------------------------------------------------|----------------------------|-------|----------------------------|-------|--------------|----------------------------------------------|
| STATE PROJECT NO.                               | SECTION | FEDERAL AID PROJECT NO. | TYPE CODE | PPMS NO. | EQUALITIES                                        | LENGTH INCLUDING BRIDGE(S) |       | LENGTH EXCLUDING BRIDGE(S) |       | TYPE PROJECT | DESCRIPTION                                  |
|                                                 |         |                         |           |          | FEET                                              | FEET                       | MILES | FEET                       | MILES |              |                                              |
| 0011-128-F02,                                   | PE-101  | STP-5128(44)            |           | 10576    | •0.70                                             | 7,263.49                   | 1.376 | 7,206.980                  | 1.366 | Prel. Engr.  | Fr.: WCL Roanoke<br>To: Edgewood St.         |
|                                                 | R/W-201 | STP-5128(44)            |           | 10576    | •0.70                                             | 7,263.49                   | 1.376 | 7,206.980                  | 1.366 | R/W          |                                              |
|                                                 | C-501   | STP-011-2(002)          | 1000      | 10576    | •0.70                                             | 7,263.49                   | 1.376 | 7,186.20                   | 1.361 | Constr.      |                                              |
|                                                 | B-602   | STP-011-2(002)          | X020      | 10576    |                                                   | 56.51                      | 0.010 |                            |       | Bridge       | Rte. 11 Over Mud Lick Creek                  |
|                                                 | D-601   | STP-011-2(002)          | X028      | 10576    |                                                   | 20.78                      | 0.004 |                            |       | Box Culv.    |                                              |
|                                                 | D-603   | STP-011-2(002)          | X028      | 10576    |                                                   | 46.09                      | 0.009 |                            |       | Box Culv.    |                                              |
| 0011-129-F05,,                                  | PE-101  | NH-038-1(117)           |           | 13425    |                                                   | 830.00                     | 0.157 |                            |       | Prel. Engr.  | Fr.: 0.157 Mi. W. ECL Salem<br>To: ECL Salem |
|                                                 | R/W-201 | NH-038-1(122)           |           | 13425    |                                                   | 830.00                     | 0.157 |                            |       | R/W          |                                              |
|                                                 | C-501   | NH-011-2(001)           | 1000      | 13425    |                                                   | 830.00                     | 0.157 |                            |       | Constr.      |                                              |

REVISÉ

| (BRANDON) - FHWA 534 DATA 3E104                |       |                                                                |       |                                                          |  |              |
|------------------------------------------------|-------|----------------------------------------------------------------|-------|----------------------------------------------------------|--|--------------|
| (APPPERSON) - FHWA 534 DATA 2E104              |       |                                                                |       |                                                          |  |              |
| FHWA<br>REGION                                 | STATE | FEDERAL AID                                                    |       | STATE                                                    |  | SHEET<br>NO. |
|                                                |       | PROJECT                                                        | ROUTE | PROJECT                                                  |  |              |
| 3                                              | VA.   | STP-5128 ( )<br>(For Section Numbers,<br>See Tabulation Below) | 11    | (F01) 001 I-128-F02, C-501<br>(F01) 001 I-129-F05, C-501 |  | 1            |
| (For Section Numbers,<br>See Tabulation Below) |       |                                                                |       |                                                          |  |              |

FUNCTIONAL CLASSIFICATION

URBAN PRINCIPAL ARTERIAL 40 MPH MIN. DESIGN SPEED

|            | Fr: Keogy Rd./WCL<br>To: Deyerle Rd. | Fr: Deyerle Rd.<br>To: Rte. 117 Ext. | Fr: Rte. 117 Ext.<br>To: Edgewood/Mudlick |
|------------|--------------------------------------|--------------------------------------|-------------------------------------------|
| ADT (1995) | 27,500                               | 26,705                               | 29,750                                    |
| ADT (2016) | 45,230                               | 44,700                               | 57,260                                    |
| DHV        | 4,520                                | 4,470                                | 5,730                                     |
| D (%)      | 45/55                                | 45/55                                | 45/55                                     |
| T (%)      | 6                                    | 6                                    | 6                                         |
| ADT (1987) | 20,750                               | 19,850                               | 19,270                                    |
| V          | ■                                    | ■                                    | ■                                         |

\* See Plan and Profile Sheets for the horizontal and vertical curve Design Speeds.

0011-128-F02, R/W-201

RECOMMENDED FOR APPROVAL  
FOR RIGHT OF WAY ACQUISITION

|         |                                                        |
|---------|--------------------------------------------------------|
| 5/14/94 | M. B. Hill                                             |
| DATE    | URBAN ENGINEER                                         |
| 5/14/94 | E. C. Gooding                                          |
| DATE    | STATE LOCATION AND DESIGN ENGINEER                     |
| DATE    |                                                        |
| 5/5/94  | Charles Hill                                           |
| DATE    | ASSISTANT COMMISSIONER FOR<br>PLANNING AND PROGRAMMING |
| 5/5/94  | Shelby                                                 |
| DATE    | CHIEF ENGINEER                                         |

APPROVED FOR RIGHT OF WAY ACQUISITION

|        |                      |
|--------|----------------------|
| 5/5/94 | <i>David R. Gehr</i> |
| DATE   | COMMISSIONER         |

0011-129-F05, R/W-201

RECOMMENDED FOR APPROVAL  
FOR RIGHT OF WAY ACQUISITION

|                 |                                                                                |
|-----------------|--------------------------------------------------------------------------------|
| 5/12/84<br>DATE | <i>M. B. Sullivan</i><br>URBAN ENGINEER                                        |
| 5/14/84<br>DATE | <i>E. S. Coe Dwyer</i><br>STATE LOCATION AND DESIGN ENGINEER                   |
| DATE            |                                                                                |
| 5-5-94<br>DATE  | <i>Charles H. D.</i><br>ASSISTANT COMMISSIONER FOR<br>PLANNING AND PROGRAMMING |
| 5/5/94<br>DATE  | <i>P. A. Sullivan</i><br>CHIEF ENGINEER                                        |

APPROVED FOR RIGHT OF WAY ACQUISITION

5/5/94  
DATE

David R. Gresh  
COMMISSIONER

RECOMMENDED FOR APPROVAL FOR CONSTRUCTION

|         |                                     |
|---------|-------------------------------------|
| 12-4-98 | <i>mobile</i>                       |
| DATE    | URBAN ENGINEER                      |
| DATE    | STATE LOCATION AND DESIGN ENGINEER. |
| DATE    |                                     |
| 12/7/95 | <i>James N. Otwell</i>              |
| DATE    | ASSISTANT COMMISSIONER FOR FINANCE  |

APPROVED FOR CONSTRUCTION

|         |                                                                                       |
|---------|---------------------------------------------------------------------------------------|
| 12/7/95 |  |
| DATE    | CHIEF ENGINEER                                                                        |

APPROVED

|      |                                                                                               |
|------|-----------------------------------------------------------------------------------------------|
| DATE | DIVISION ADMINISTRATOR<br>FEDERAL HIGHWAY ADMINISTRATION<br>U.S. DEPARTMENT OF TRANSPORTATION |
|------|-----------------------------------------------------------------------------------------------|

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SUPERVISED BY: L.W. NEWCOMB (786-2533)  
DESIGNED BY: J.V. RHODES (786-498)  
CADD OPERATOR/home/as\_plt/snp/10576001.snp  
REVISED BY: -----

| PRINTS SENT TO |                 | NO. | DATE |
|----------------|-----------------|-----|------|
| R/W DW.        | ADVANCE PLANS   |     |      |
|                | COMPLETED PLANS |     |      |
|                | ADVANCE PLANS   |     |      |
|                | COMPLETED PLANS |     |      |
| DIET. ENGR     | ADVANCE PLANS   |     |      |
|                | COMPLETED PLANS |     |      |
| RES. ENGR      | ADVANCE PLANS   |     |      |
|                | COMPLETED PLANS |     |      |
| CONSTR. ENGR.  |                 |     |      |

12/06/95 13:41:32 CODE NO. 6010

|          |               |          |           |
|----------|---------------|----------|-----------|
| PLAN NO. | PROJECT       | FILE NO. | SHEET NO. |
|          | 001 1-128-102 |          | 1         |