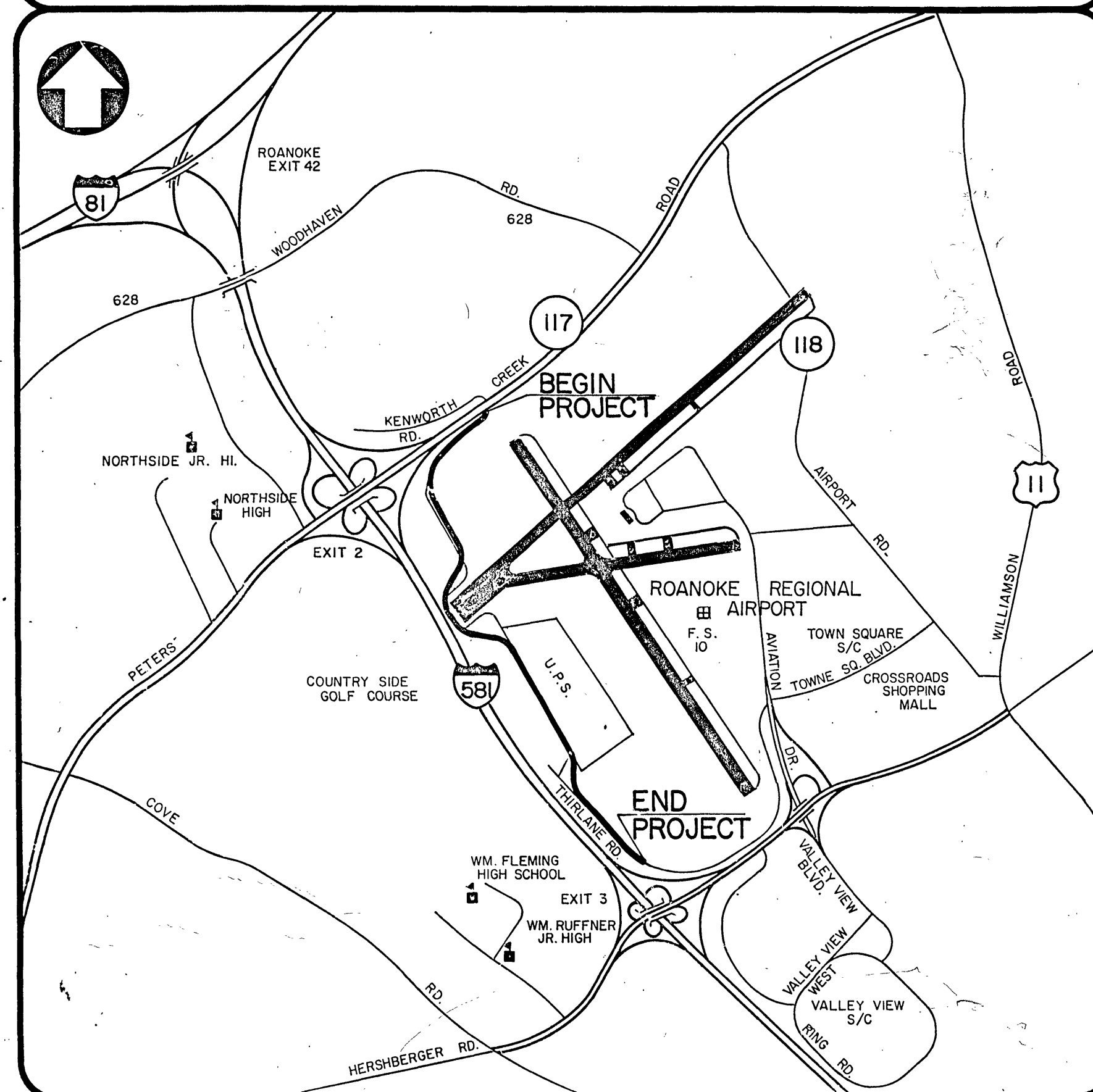


## PROJECT LOCATION MAP



OFFICE OF CITY ENGINEER  
ROOM 350  
MUNICIPAL BUILDING  
215 CHURCH AVENUE, S.W.  
ROANOKE, VIRGINIA 24011

WATER CONSTRUCTION	LOCATION MAP
100' MAP 5/23/89	100' MAP 5/23/89
600' MAP	600' MAP
Valve Map	Valve Map
Original Map	Original Map
Copy in Year Folder	Copy in Year Folder
Index Card File	Index Card File
Pipe Record Book	Pipe Record Book
Main Extension Log	Main Extension Log
As-Built Folder	As-Built Folder

DATE STARTED	5/23/89
DATE COMP.	9/30/91
FEET MAIN	12" 7 7
7,171	12" 1 1
Blow off	2" 5
Air release	
F.H. COMP.	
F.H. STUB ONLY	
SERV. INS. BY:	
MAIN INS. BY:	CHIC PACE-CONTRACTOR
NO. 1/4" SERV. INS.	
CITY OR CO.	
DEPT. INSP.	

## RECORD DRAWINGS

THESE DRAWINGS RECORDED ON THE BASIS OF INFORMATION FURNISHED BY THE CONTRACTOR OR SPECIFICALLY KNOWN TO HSM AND OTHER REPRESENTATIONS ARE MADE OR IMPLIED  
DATE: NOV. 22 1991

## CONSULTING ENGINEERS

HAYES, SEAY, MATTERN & MATTERN, INC.  
ARCHITECTS - ENGINEERS - PLANNERS  
ROANOKE, VIRGINIA

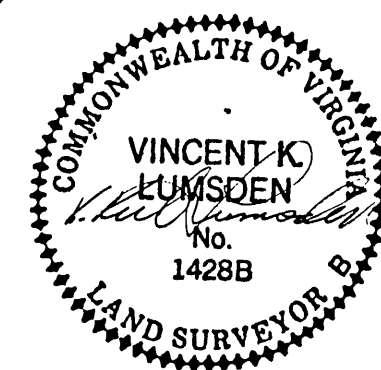
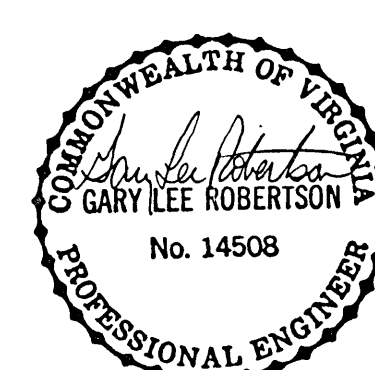
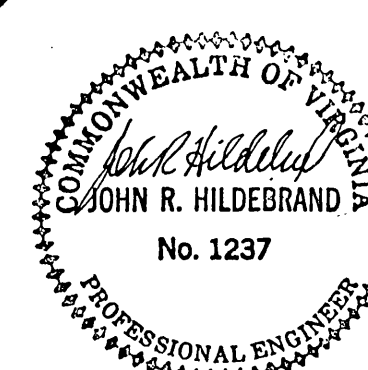
LUMSDEN ASSOCIATES, P.C.  
ENGINEERS - SURVEYORS - PLANNERS  
ROANOKE, VIRGINIA

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

THIS PROJECT IS TO BE CONSTRUCTED IN ACCORDANCE WITH VIRGINIA DEPARTMENT OF TRANSPORTATION ROAD AND BRIDGE SPECIFICATIONS DATED JANUARY, 1987, ROAD AND BRIDGE STANDARDS DATED JANUARY, 1989, WORK AREA PROTECTION MANUAL DATED JANUARY, 1987 AND AS AMENDED BY CONTRACT PROVISIONS AND THESE PLANS.

ALL CURVES TO BE SUPERELEVATED, TRANSITIONED AND WIDENED IN ACCORDANCE WITH STANDARD TC-4 EXCEPT WHERE OTHERWISE NOTED.

COMMISSION NUMBER: 2891



## PROJECT NAME

REALIGNMENT AND RECONSTRUCTION  
OF  
THIRLANE ROAD, N W  
FROM: INTERSECTION OF RTE. 117 (PETERS CREEK ROAD)  
TO: 0.36 MI. NW OF INTERSECTION OF RTE. 101 (HERSHBERGER ROAD)  
PLAN NO. 6134

PROJECT NUMBER: 9999-128-265, M501

REVISION BY

REVISION BY

REVISION BY

REVISION BY

DATE STARTED	5/23/89	pg. 4B	REMOVE BLOW OFF
DATE COMP.	9/30/91	pg. 5B	(1) AIR RELEASE VALVE
FEET MAIN	12" 7 7		641'5" of 12" MAIN
7,171	12" 1 1		(1) 12" G.V.
Blow off	2" 5		(1) F.H.
Air release			(1) AIR RELEASE VALVE
F.H. COMP.		pg. 6B	144'0" of 12" MAIN
F.H. STUB ONLY			(2) 12" G.V.
SERV. INS. BY:			(1) F.H.
MAIN INS. BY:	CHIC PACE-CONTRACTOR	pg. 7B	1,412'5" of 12" MAIN
NO. 1/4" SERV. INS.			(1) AIR RELEASE VALVE
CITY OR CO.			(1) 12" G.V.
DEPT. INSP.			(1) F.H.
		pg. 8B	1,508'1" of 12" MAIN
			(2) F.H.
			(2) 12" G.V.
			1,112'5" of 12" MAIN

DATE

DATE

DATE

DATE

## INDEX OF SHEETS

SHEET NO.	DESCRIPTION	STATION TO STATION	
1	TITLE SHEET		
1A	REVISION DATA SHEET		
1B	SEQUENCE OF CONSTRUCTION AND TRAFFIC CONTROL PLAN		
2	GENERAL NOTES AND TYPICAL SECTION		
2A	DETAILS		
2B	QUANTITY SUMMARY		
2C(1)-2C(2)	TEMPORARY EROSION AND SILTATION CONTROL		
2D	ROADSIDE DEVELOPMENT		
3-3A	ROADWAY PLAN AND PROFILE	10+12	26+00
3B	WATER AND SEWER PLAN AND PROFILE		
4-4A	ROADWAY PLAN AND PROFILE	26+00	41+00
4B	WATER AND SEWER PLAN AND PROFILE		
5-5A	ROADWAY PLAN AND PROFILE	41+00	56+00
5B	WATER AND SEWER PLAN AND PROFILE		
6-6A	ROADWAY PLAN AND PROFILE	56+00	70+00
6B	WATER AND SEWER PLAN AND PROFILE		
7-7A	ROADWAY PLAN AND PROFILE	70+00	85+00
7B	WATER AND SEWER PLAN AND PROFILE		
8-8A	ROADWAY PLAN AND PROFILE	85+00	98+25
8B-8C	WATER AND SEWER PLAN AND PROFILE		
8D-8E	PRIVATE ENTRANCE PROFILES		
1-20	X-SECTION SHEETS		

## DESIGN CLASSIFICATION

URBAN COLLECTOR	
ROLLING-DESIGN SPEED 40 MPH MINIMUM	
FR: INTERSECTION OF RTE. 117 (PETERS CREEK ROAD)	
TO: 0.36 MI. NW OF INTERSECTION OF RTE. 101 (HERSHBERGER ROAD)	
ADT 1990	1826
ADT 2015	7147
DHV	954
D (%)	53/47 (ALL TRAFFIC)
T (%)	22.5 % PETERS CREEK RD., 10.5% HERSHBERGER RD.
V (MPH)	* *

\*\* SEE PLAN AND PROFILE SHEETS FOR THE HORIZONTAL AND VERTICAL CURVE DESIGN SPEEDS.

## APPROVED FOR CONSTRUCTION

Charles M. Haffner  
ROANOKE CITY ENGINEER

7/25/90  
DATE

William F. Clash  
DIRECTOR OF PUBLIC WORKS

7-25-90  
DATE

Dir. B. L.  
DIRECTOR OF UTILITIES AND OPERATIONS

7/25/90  
DATE

B. M. Sample  
FOR VIRGINIA DEPARTMENT OF TRANS.  
DISTRICT ADMINISTRATOR, SALEM DISTRICT

7-27-90  
DATE

DATE

ADVERTISED DATE:

SET NUMBER:

THIRLANE ROAD, N.W.  
WATER MAIN-V.D.O.T TO COMFORT INN  
(4300BLK TO 3600 BLK)  
ROAD REALIGNMENT-PETERS CREEK ROAD TO COMFORT INN  
(4500 BLK TO 3600 BLK)

Drawn: JULY 1991  
Completed: SEPTEMBER 30, 1991 36"x24" 8 SHEETS

SHEET NUMBER: 1 OF

Water Department # 90-10