

QUANTITY + COST ESTIMATE

ITEM	QUANTITY	UNIT	UNIT PRICE	COST	BONDABLE
CLEARING AND GRUBBING	0.75	ACRES	2,000.00	1,500.00	
EXCAVATION	652	C.Y.	5.00	3,260.00	
EMBANKMENT		C.Y.			
CURB INLET DI-1	1	EACH	1,500.00	1,500.00	
CURB INLET DI-		EACH			
MANHOLE MH-2	1	EACH	1,700.00	1,700.00	
MANHOLE MH-		EACH			
-IN. CONCRETE PIPE, CLASS III					
-IN. CONCRETE PIPE, CLASS IV					
6-IN. ROOF DRAIN HDPE	166	LIN. FT.	6.00	996.00	
8-IN. HDPE PIPE	36	LIN. FT.	8.00	288.00	
12-IN. HDPE PIPE	185	LIN. FT.	15.00	2,775.00	
		LIN. FT.			
		LIN. FT.			
24-IN. DIA. NYLOPLAST DRAIN	1	EACH	300.00	300.00	
SIDEWALK	1,615	S.F.	3.50	5,653.00	
BOX CULVERT		LUMP SUM			
PAVED DITCH		LIN. FT.			
RIPRAP - CLASS		S.F.			
SODDED SWALE		S.Y.			
-IN. CONCRETE ENDWALL EW-		EACH			
15-IN. END SECTION ES-1		EACH			
RAMP CG-12	2	EACH	425.00	850.00	
HEADER CURB & GUTTER CG-6		LIN. FT.			
CURB & GUTTER CG-2	1,370	LIN. FT.	12.00	16,440.00	
VALLEY GUTTER		EACH			
GRAVEL BASE		S.Y.			
GRAVEL SHOULDER		S.Y.			
SURFACE TREATMENT		S.Y.			
-IN. BIT. CONC.: TYPE B-		S.Y.			
-IN. BIT. CONC.: TYPE S-		S.Y.			
-IN. BASE MATERIAL		C.Y.			
-IN. SUBBASE MATERIAL		C.Y.			
PAVEMENT AND BASE	2,400	S.Y.	14.00	33,600.00	
PAVEMENT (2" SM 9.5A)	1,200	S.Y.	6.00	7,200.00	
TRAFFIC BARRICADE		EACH			
8" WATER LINE	132	LIN. FT.	35.00	4,620.00	
6" WATER LINE	31	LIN. FT.	30.00	930.00	
FIRE HYDRANT ASSEMBLIES	1 RELOCATE	EACH	750.00	750.00	
BLOW OFFS W/VAULT, FRAME & COVER		EACH			
-IN. GATE VALVES, W/VAULT, FRAME & COVER		EACH			
-IN. GATE VALVES, W/VAULT, FRAME & COVER		EACH			
WATER SERVICE CONNECTION	1	LUMP SUM	250.00	250.00	
SANITARY SERVICE CONNECTION	1	LUMP SUM	250.00	250.00	
STANDARD MANHOLE W/FRAME & COVER		EACH			
SAMPLING MANHOLE/PORT	1	EACH	1,500.00	1,500.00	
AS-BUILT PLANS		LUMP SUM			
LANDSCAPING	1	LUMP SUM		10,600.00	
STORMWATER MANAGEMENT		LUMP SUM			
SUB TOTAL				94,962.00	
10% CONTINGENCY				9,496.00	
ESTIMATED TOTAL				104,458.00	
I HEREBY CERTIFY THAT THE FOREGOING ESTIMATE REFLECTS THE CURRENT IMPROVEMENT COSTS OF THIS PROJECT.					
SIGNED: JDE			DATE: 11/7/06		

GENERAL NOTES

All construction methods and materials shall conform to the Construction Standards and Specifications of Roanoke County, the Western Virginia Water Authority and/or the Virginia Department of Transportation.

The contractor or developer is required to notify the Roanoke County Engineering Division and the Western Virginia Authority in writing at least three (3) days prior to any construction, including, but not limited to the following:

- Installation of approved erosion control devices
- Clearing and grubbing
- Subgrade excavation
- Installing storm sewers or culverts
- Setting curb and gutter forms
- Placing curb and gutter
- Placing other concrete
- Placing gravel base
- Placing any roadway surface
- Installing water lines
- Installing sanitary sewer lines

A pre-construction conference should be scheduled with the Roanoke County Engineering Division and the Western Virginia Water Authority to be held at least one (1) day prior to any construction.

Measures to control erosion and siltation must be provided prior to plan approval. Plan approval in no way relieves the developer or contractor of the responsibilities contained within the erosion and siltation control policies.

A permit must be obtained from the V.D.O.T. Residency Office, Roanoke County, prior to construction in the highway right-of-way.

Plan approval does not guarantee issuance of any permits by V.D.O.T.

An approved set of plans and all permits must be available at the construction site.

Field construction shall honor proposed drainage divides as shown on plans.

All unsuitable material shall be removed from the construction limits of the roadway before placing embankment.

Pavement sections on approved plans are based on a minimum CBR of 10. CBR tests are to be performed by the engineer and submitted to V.D.O.T. and to the Roanoke County Engineering Division prior to placement. CBR values < 10 will require revised pavement sections.

All roadside ditches or grades of more than 5 percent shall be paved with cement concrete to the limits as indicated on the plans and as required at the field inspection.

Location of guard rails shall be determined at a joint field inspection by the County and V.D.O.T.

All springs shall be capped and piped to the nearest storm sewer or natural watercourse. The pipe shall be 6 inch minimum diameter and conform to V.D.O.T. Standard SB-1.

Standard street and traffic control signs shall be erected at each intersection by the developer prior to final street acceptance.

Construction debris shall be containerized in accordance with the Virginia Litter Control Act. No less than one litter receptacle shall be provided on site.

The contractor shall provide adequate means of cleaning mud from trucks and/or other equipment prior to entering public streets. It is the contractors responsibility to insure that the streets are in a clean, mud and dust free condition at all times.

The developer and/or contractor shall supply all utility companies with copies of approved plans, advising them that all grading and installation shall conform to approved plans.

Contractors shall notify utilities of proposed construction at least two (2), but not more than ten (10) working days in advance. Area public utilities may be notified thru "Miss Utility": 1-800-552-7001.

The developer or contractor shall supply the Roanoke county and the Western Virginia Water Authority with correct As-Built plans before final acceptance.

All work shall be subject to inspection by Roanoke County,the Western Virginia Water Authority and/or V.D.O.T. inspectors.

Field corrections shall be approved by the Roanoke County Engineering Division and the Western Virginia Water Authority prior to such construction.

100 year floodway and floodplain information shall be shown where applicable.

Grade stakes shall be set for all curb and gutter, culvert, sanitary sewer and storm sewer.

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- COVER SHEET
- NOTES
- DETAILS
- OVERALL PLAN
- DEMOLITION PLAN
- SITE LAYOUT PLAN (PHASE II OFFICE BUILDING)
- SITE LAYOUT PLAN (PHASE II BANK BUILDING)
- GRADING AND EROSION CONTROL (OFFICE)
- GRADING AND EROSION CONTROL (BANK)
- EROSION CONTROL, STORMWATER MANAGEMENT DETAILS
- LANDSCAPING PLAN
- PROFILE AND DRAINAGE CALCULATIONS

SEWER NOTES

A minimum cover of three (3) feet is required over proposed lines.

Contractor shall be responsible for locating and uncovering all manholes after paving. Manhole tops shall be adjusted to grade if necessary.

All existing utilities may not be shown or may not be shown in the exact location. The contractor shall comply with State Water Works Regulations, Section 12.05.03, where lines cross.

House connections are to be made with 4" pipe installed at a minimum grade of 1/4 inch to 1 foot in R/W.

Laterals from manholes shall be PVC or Ductile Iron of sufficient length to provide two (2) feet of bearing on natural ground. The transition from ductile iron to asbestos cement or concrete pipe shall be made with an adapter coupling in R/W.

All trenches in existing or future rights-of-way shall be compacted according to V.D.O.T. standards.

Lines shall be staked prior to construction.

All sewer facilities are to be installed according to the Western Virginia Water Authority design and construction standards.

WATER NOTES

A minimum cover of three (3) feet is required over proposed lines.

Contractor shall be responsible for locating and uncovering valve vaults after paving and adjustment to final grade if necessary.

All existing utilities may not be shown or may not be shown in the exact location. The contractor shall comply with the State Water Works Regulations, Section 12.05.03, where lines cross.

All trenches in existing or future highway right-of-ways shall be compacted according to V.D.O.T. standards.

Lines shall be staked prior to construction.

Water main shall be minimum Class S2 Ductile Iron in accordance to AWWA C151 or DR-14 PVC in accordance with AWWA C-900.

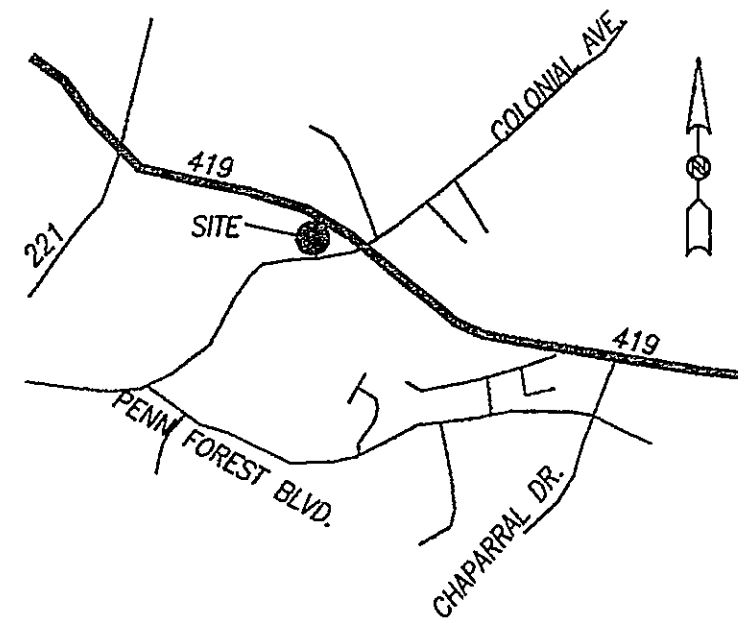
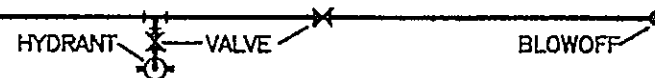
Availability number EXISTING SERVICE

All water facilities are to be installed according to the Western Virginia Water Authority design and construction standards.

Tap to existing main shall be performed by the Western Virginia Water Authority.

LEGEND

Property Line	----
Right-of-way	-----
Centerline	-----
Minimum Building Line	----- M.B.L. -----
Existing Storm Sewer	== 8" SAN. 5" SAN. ==
Existing Sanitary Sewer	== 8" SAN. 5" SAN. ==
Existing Water Main	== 4" W 4" W ==
Existing Contour	----- 1045 -----
Proposed Contour	----- 1045 -----
Proposed Drainage Divide	----- < < -----
Proposed Limits of Clearing	----- 24" S.D. -----
Proposed Storm Sewer	----- 8" M.H. -----
Proposed Sanitary Sewer	----- 8" M.H. -----
Proposed Water Main	----- 8" M.H. -----



VICINITY MAP

SURVEY INFORMATION

Horizontal and vertical control surveys were performed in (year) AUGUST 2006 by ENGINEERING CONCEPTS, INC.

All elevations must be referenced to the National Geodetic Vertical Datum of 1929.

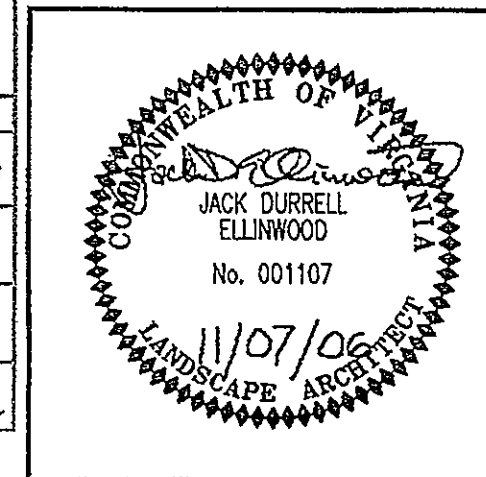
Source of topographic mapping is ENGINEERING CONCEPTS, INC. dated AUGUST 2006

Boundary was performed by ENGINEERING CONCEPTS, INC. dated AUGUST 2006

The professional seal and signature below certifies the boundary survey and topographic mapping to be accurate and correct.

BENCHMARK:
SITE BENCHMARK TO BE ESTABLISHED PRIOR TO BEGINNING GRADING AND CONSTRUCTION ACTIVITIES.

DEVELOPMENT PLAN APPROVED FOR CONSTRUCTION BY ROANOKE COUNTY		
Department		Date
Development Review	188	5/31/07
Engineering	Mc	5/31/07
Water & Sewer	RRB	6/1/07
Planning & Zoning	HW	5/31/07



PROFESSIONAL ENGINEER
SEAL AND SIGNATURE

COUNTY OF ROANOKE

NAME OF DEVELOPMENT HOMETOWN BANK PHASE II

MAGISTERIAL DISTRICT(S) CAVE SPRING

OWNER (name, address, telephone) HOMETOWN BANK ATTN: WILLIAM S. CLARK
206 S. JEFFERSON STREET, P.O. BOX 271
ROANOKE, VA 24002 PH 540.345.6000 FX 540.342.5626

DEVELOPER (name, address, telephone) HOMETOWN BANK ATTN: WILLIAM S. CLARK
206 S. JEFFERSON STREET, P.O. BOX 271
ROANOKE, VA 24002 PH 540.345.6000 FX 540.342.5626

ENGINEER, ARCHITECT OR SURVEYOR (name, address, telephone) ENGINEERING CONCEPTS, INC.
3433 BRAMBLETON AVENUE, SUITE 200B
ROANOKE, VA 24018

TAX MAP NO(S) 077.18

BLOCK NO(S) 05

PH 540-776-5715 FAX 540-776-8543

PARCEL NO(S) 04.00, 04.02, 04.03, 04.04

I, William S. Clark OWNER/DEVELOPER, AM AWARE OF THE SITE DESIGN REQUIREMENTS IMPOSED BY THIS SITE DEVELOPMENT PLAN AND OTHER APPLICABLE COUNTY CODES. I HEREBY CERTIFY THAT I AGREE TO COMPLY WITH THESE REQUIREMENTS, UNLESS MODIFIED IN ACCORDANCE WITH LOCAL LA