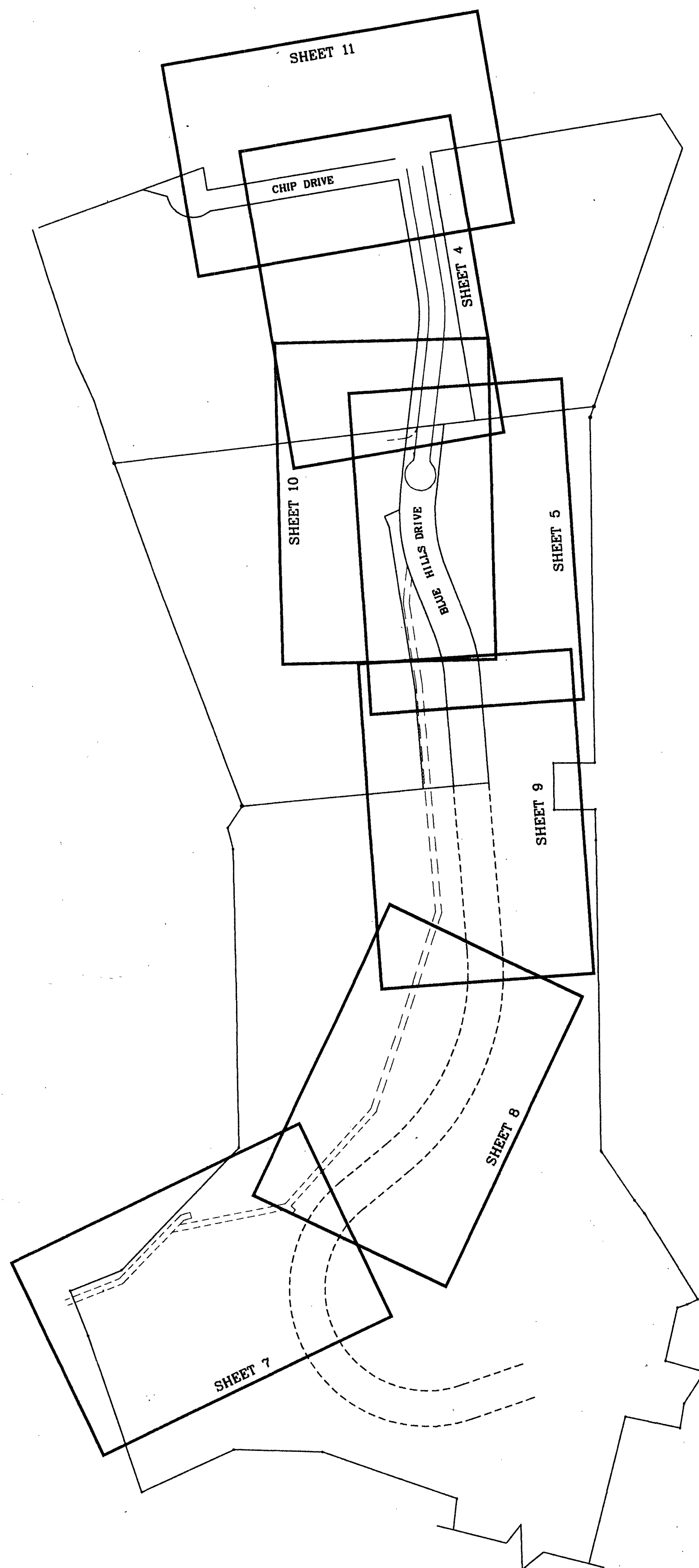




SHEET INDEX

LEGEND

EXISTING	PROPOSED	DESCRIPTION
		PAVEMENT
		CONCRETE CURB & GUTTER
		STORM DRAIN LINE
		SANITARY SEWER LINE
		WATER LINE
		FORCE MAIN
		GAS LINE
		UNDERGROUND ELECTRIC LINE
		OVERHEAD ELECTRIC LINE
		FIBER OPTIC CABLE
		SANITARY SEWER MANHOLE
		GATE VALVE
		STORM DRAIN MANHOLE
		STORM DRAIN INLET
		FIRE HYDRANT
		BORE HOLE
		TREE
		TREE LINE
		CONTOUR
		SIGN
		LIGHT
		STREET LIGHT

EROSION AND SEDIMENT CONTROL LEGEND

NO.	KEY	SYMBOL	DESCRIPTION
3.02	GE		CONSTRUCTION ENTRANCE
3.05	GF		SILT FENCE
3.07	IP		INLET PROTECTION
3.19	RK		RIP RAP
3.32	PS		PERMANENT SEEDING

SUMMARY OF QUANTITIES

DESCRIPTION	UNIT	QTY.
SAW-CUT EXISTING PAVEMENT	L.F.	195
REMOVE EXISTING ASPHALT PAVEMENT SECTION	S.Y.	4,860
REMOVE EXISTING CONCRETE CURB AND GUTTER	L.F.	1,280
REMOVE EXISTING CURB INLET	EA.	2
REMOVE EXISTING SANITARY SEWER MANHOLE	EA.	6
REMOVE EXISTING PUMP STATION, WET WELL AND OVERFLOW TANK	L.S.	1
REMOVE EXISTING STREET LIGHT	EA.	2
EXCAVATION	L.S.	1
AGGREGATE BASE OR SUBBASE COURSE, 21B GRADATION	TONS	3,220
ASPHALTIC CONCRETE BASE COURSE, BM-2	TONS	1,936
ASPHALTIC CONCRETE SURFACE COURSE, SM-2A	TONS	718
CONCRETE CURB AND GUTTER, CG-6	L.F.	2,300
△ LIGHT POLES AND LUMINARIES	EA.	7
△ STREET LIGHTING CONDUIT AND WIRE	L.F.	1,550
△ ELECTRICAL HANDHOLES	EA.	2
STREET TREES	EA.	12
TIMBER POST BARRICADE	EA.	6
△ 15" CONCRETE PIPE	L.F.	564
△ 18" CONCRETE PIPE	L.F.	96
△ 36" CONCRETE PIPE	L.F.	237
DI-3AA CURB INLET, 2.5' LONG	EA.	1
DI-3B CURB INLET, 6' LONG	EA.	1
DI-3B CURB INLET, 8' LONG	EA.	3
DI-3BB CURB INLET, 8' LONG	EA.	1
△ STORM DRAIN MANHOLE, MH-1	EA.	1
15" ENDWALL, EW-1	EA.	1
△ 36" ENDWALL, EW-1 WITH ENERGY DISSIPATOR	EA.	1
CONVERSION OF EXISTING CURB INLET TO STORM DRAIN MANHOLE	EA.	1
RIP RAP, TYPE I	S.F.	14
16" DUCTILE IRON WATER PIPE	L.F.	840
12" DUCTILE IRON WATER PIPE	L.F.	75
△ 16" GATE VALVE AND VAULT	EA.	1
12" GATE VALVE AND VAULT	EA.	2
FIRE HYDRANT ASSEMBLY	EA.	1
10" DUCTILE IRON SANITARY SEWER PIPE	L.F.	3,925
8" DUCTILE RON SANITARY SEWER PIPE	L.F.	645
SANITARY SEWER MANHOLE WITH WATER-TIGHT FRAME AND COVER	EA.	15
6" SANITARY SEWER SERVICE LATERAL WITH CLEAN-OUT	EA.	2
CONSTRUCTION ENTRANCE, STD. & SPEC. 3.02	EA.	1
SILT FENCE, STD. & SPEC. 3.05	L.F.	4,200
STORM DRAIN INLET PROTECTION, STD. & SPEC. 3.07	EA.	10
RIP RAP, STD. & SPEC. 3.19	S.F.	25
PERMANENT SEEDING, STD. & SPEC. 3.32	AC.	3.8
△ 15" END SECTION, ES-1	EA.	1
△ RIP RAP, TYPE II	S.F.	14
△ TYPE "A" CHANNEL	L.F.	60
△ 16" GATE VALVE WITH BY-PASS AND VAULT	EA.	1
△ 15" CONCRETE PIPE	L.F.	879

REVISION

6/26/97

DATE

CHANGED SUMMARY OF QUANTITIES

DESIGNED

KLR

DRAWN

RAC, JF

CHECKED

MSW

SHEET INDEX, LEGEND AND SUMMARY OF QUANTITIES FOR

"INFRASTRUCTURE IMPROVEMENTS" ROANOKE CENTRE FOR INDUSTRY AND TECHNOLOGY

PREPARED FOR

CITY OF ROANOKE, VIRGINIA

LUMSDEN ASSOCIATES, P.C.

ENGINEERS-SURVEYORS-PLANNERS

ROANOKE, VIRGINIA

SCALE: NONE

DATE: 1 MAY 1997

COMM: #97-080

SHEET 2 of 16

