

PRECAST REINFORCED CONCRETE
FLARED END SECTIONS, 60"

LOCATION		QUANTITY
STATION	OFFSET	(EACH)
86+30.10	54.4' RT	1
TOTAL		1

CONCRETE HEADWALL
FOR PIPE DRAINS

LOCATION		QUANTITY
		(EACH)
*JOBSITE		2
TOTAL		2

PIPE UNDERDRAINS 4"

LOCATION		QUANTITY
		(FOOT)
*JOBSITE		200
TOTAL		200

CATCH BASINS, TYPE A, 4' DIAMETER,
TYPE 24 FRAME AND GRATE

LOCATION		QUANTITY
STATION	OFFSET	(EACH)
83+54.00	22.5' LT	1
87+50.00	20.0' RT	1
89+25.00	22.6' LT	1
89+25.00	20.0' RT	1
90+83.70	21.3' LT	1
90+83.70	18.7' RT	1
TOTAL		6

GUTTER OUTLET

LOCATION		QUANTITY
STATION	OFFSET	(EACH)
82+82.82 TO 83+16.99	RT	1
TOTAL		1

TRAFFIC BARRIER TERMINAL, TYPE 2

LOCATION		QUANTITY
STATION	OFFSET	(EACH)
84+31.68 TO 84+46.21	LT	1
87+04.20 TO 87+18.90	LT	1
84+54.17 TO 84+68.31	RT	1
86+58.35 TO 86+72.32	RT	1
TOTAL		4

STORM SEWERS, CLASS A, TYPE 2, 12"

LOCATION		QUANTITY
STATION/OFFSET		(FOOT)
83+54.0; 22.5' LT TO 83+54.0; 32.5' LT		12.0
87+50.0; 20.0' RT TO 87+50.0; 22.6' LT		42.6
87+50.0; 35.5' LT TO 87+50.0; 22.6' LT		13.0
89+25.0; 39.0' LT TO 87+50.0; 22.6' LT		175.8
89+25.0; 22.6' LT TO 89+25.0; 39.0' LT		16.4
89+25.0; 20.0' RT TO 89+25.0; 22.6' LT		42.6
90+83.7; 21.3' LT TO 90+83.7; 18.7' RT		41.5
90+83.7; 18.7' RT TO 90+83.6; 27.7' RT		10.3
TOTAL		354.2

PIPE UNDERDRAINS 4" (SPECIAL)

LOCATION		QUANTITY
		(FOOT)
*JOBSITE		50
TOTAL		50

COMBINATION CONCRETE CURB
AND GUTTER, TYPE B-6.12

LOCATION		QUANTITY
STATION	OFFSET	(FOOT)
82+59.93 TO 82+98.48	LT	52.0
83+21.74 TO 83+71.75	RT	100.2
84+22.24 TO 85+00.00	RT	141.7
90+81.62 TO 91+41.62	RT	94.2
90+94.06 TO 91+34.06	LT	79.0
TOTAL		467.1

GUARDRAIL REMOVAL

LOCATION		QUANTITY
STATION	OFFSET	(FOOT)
84+09.68 TO 86+23.85	LT	214.2
85+06.10 TO 86+83.26	RT	177.3
TOTAL		391.5

STORM SEWERS, CLASS A, TYPE 2, 15"

LOCATION		QUANTITY
STATION/OFFSET		(FOOT)
87+50.00; 22.6' LT TO 87+00.00; 47.0 LT		56.0
TOTAL		56.0

STORM SEWERS, CLASS A, TYPE 2, 60"

LOCATION		QUANTITY
STATION/OFFSET		(FOOT)
86+73.00; 29.8' RT TO 86+30.10; 54.4' RT		49.4
TOTAL		49.4

PIPE UNDERDRAINS,
FABRIC LINED TRENCH 4"

LOCATION		QUANTITY
		(FOOT)
*JOBSITE		250
TOTAL		250

CATCH BASINS, TYPE A,
4'-DIAMETER, TYPE 8 GRATE

LOCATION		QUANTITY
STATION	OFFSET	(EACH)
87+00.00	32.7' RT	1
87+50.00	35.5' LT	1
TOTAL		2

COMBINATION CONCRETE CURB
AND GUTTER, TYPE B-6.24

LOCATION		QUANTITY
STATION	OFFSET	(FOOT)
82+98.48 TO 90+94.06	LT	795.5
85+00.00 TO 90+81.62	RT	567.1
TOTAL		1362.6

STEEL PLATE BEAM GUARD RAIL
(SHORT RADIUS)

LOCATION		QUANTITY
STATION	OFFSET	(FOOT)
84+46.21 TO 84+52.21	LT	6.2
86+89.71 TO 87+04.20	LT	14.3
84+68.31 TO 85+11.46	RT	43.9
86+23.96 TO 86+47.17	RT	24.2
TOTAL		88.6

STORM SEWER REMOVAL, 18"

LOCATION		QUANTITY
STATION/OFFSET		(FOOT)
84+46.20; 31.6' LT TO 85+47.70; 27.9' LT		101.8
TOTAL		101.8

STORM SEWER REMOVAL, 60"

LOCATION		QUANTITY
STATION/OFFSET		(FOOT)
86+15.10; 30.3' RT TO 86+77.00; 29.7' RT		58
TOTAL		58

REMOVING MANHOLES

LOCATION		QUANTITY
STATION	OFFSET	(EACH)
83+62.93	50.5' RT	1
84+32.84	51.5' RT	1
90+83.59	27.7' RT	1
TOTAL		3

STEEL PLATE BEAM GUARD RAIL, TYPE A

LOCATION		QUANTITY
STATION	OFFSET	(FOOT)
84+52.21 TO 85+52.21	LT	100.0
86+02.21 TO 86+89.71	LT	87.5
85+11.46 TO 85+86.46	RT	75.0
86+47.17 TO 86+58.35	RT	12.5
TOTAL		275.0

DELINEATORS

LOCATION		QUANTITY
S.N.	OFFSET	(EACH)
016-2848		
NORTHWEST CORNER	LT	1
NORTHEAST CORNER	RT	1
SOUTHWEST CORNER	LT	1
SOUTHEAST CORNER	RT	1
TOTAL		4

MANHOLES, TYPE A, 5' DIA.,
TYPE 1 FRAME, OPEN LID

LOCATION		QUANTITY
STATION	OFFSET	(EACH)
83+62.93	50.5' RT	1
TOTAL		1

MANHOLES, TYPE A, 7' DIA.,
TYPE 1 FRAME, OPEN LID

LOCATION		QUANTITY
STATION	OFFSET	(EACH)
84+32.84	51.5' RT	1
87+50.00	22.6' LT	1
TOTAL		2

MANHOLES, TYPE A, 7' DIA.,
TYPE 1 FRAME, CLOSED LID

LOCATION		QUANTITY
STATION	OFFSET	(EACH)
89+25.00	39.0' LT	1
TOTAL		1

MANHOLES, SPECIAL

LOCATION		QUANTITY
STATION	OFFSET	(EACH)
86+73.00	29.8' RT	1
90+86.30	27.7' RT	1
TOTAL		2

STEEL PLATE BEAM GUARD RAIL
ATTACHED TO STRUCTURES

LOCATION		QUANTITY
STATION	OFFSET	(FOOT)
85+52.21 TO 86+02.21	LT	50.0
85+86.46 TO 86+23.96	RT	37.5
TOTAL		87.5

PERMANENT SURVEY MARKERS, TYPE 1

LOCATION		QUANTITY
		(EACH)
JOBSITE		1
TOTAL		1

*ESTIMATED QUANTITY