



- DRAINAGE LEGEND**
- ⊙ PROPOSED STORM SEWER MANHOLE
 - ⊙ PROPOSED SANITARY MANHOLE
 - PROPOSED PAVED SHOULDER INLET
 - ▭ PROPOSED DITCH CATCH BASIN
 - ▭ PROPOSED PAVEMENT CATCH BASIN
 - PROPOSED STORM OR SANITARY SEWER
 - EXISTING MANHOLE
 - EXISTING CATCH BASIN
 - EXISTING STORM OR SANITARY SEWER
 - ▭ JUTE MATTING
 - ▭ SODDED DITCH

DRAINAGE QUANTITIES

CODE	LOCATION	I-5		I-8		L-10	
		Cl. U-1 Sec. M-6(b) 45° Bend 12"	Std. Mod. M.H.	Std. Mod. M.H.	Sodding Spec. Shop & Berm Protection	Sodding Spec. Shop & Berm Protection	Sodding Spec. Shop & Berm Protection
DITCH PROTECTION							
D-29	SBOR Rt. 4+25			Each			30
D-30	SBOR Rt. 4+50						30
D-31	NBOR Rt. 22+70						30
D-32	NBOR Rt. 22+95						30
SANITARY SEWERS							
SS-8	Holmden Ave. 7+60						1
SS-9	Burber Ave. 3+83						1
SS-10	Rowley Ave. 8+23						1
SS-11	Rowley Ave. 12+25						1
	Total						4
							120

DRAINAGE QUANTITIES

CODE	LOCATION	I-1			I-5		
		Cl. F-4	Cl. F-3 Shallow	Cl. F-3 Deep	Cl. U-1	Cl. I-3 60° Bend	Cl. I-3 90° Bend
UNDERDRAINS							
U-114	SBOR Rt. 13+25 to 14+60			135			
U-115	SBOR Rt. 10+60 to 13+20	10		255	1		
U-116	SBOR Rt. 8+55 to 10+50	10		195		1	
U-117	SBOR Rt. 3+60 to 8+50	10	475		1		
U-119	Ramp SBOR-M Rt. 9+65 to 11+05			135			
U-120	Ramp SBOR-M Rt. 7+87 to 9+65	5		175	2		
U-121	S.B. Medina Lt. 9+01 to 9+16			162			
U-122	S.B. Medina Lt. 9+16 to 9+31	5		173	1		
U-123	S.B. Medina Lt. 9+31 to 9+46	5		265	1		
U-124	S.B. Medina Lt. 9+46 to 9+70	5		140	1		
U-125	S.B. Medina Lt. 9+70 to 9+85	5		335	1		
U-126	N.B. Medina Lt. 9+39 to 9+46	3		353	1		
U-127	N.B. Medina Lt. 9+46 to 9+70	13		421	1		
U-128	N.B. Medina Lt. 9+70 to 9+95	5		165	1		
U-129	N.B. Medina Lt. 9+95 to 9+51	10		154		1	
U-130	N.B. Medina Rt. 9+39 to 9+46	10		605			
U-131	N.B. Medina Rt. 9+43				32		
U-132	N.B. Jennings Lt. 7+85 to 8+00	20		595	2		
U-133	N.B. Jennings Rt. 8+15 to 8+45	15		445	1		
U-134	N.B. Medina Rt. 9+46 to 9+51	20		480	1		
U-135	Ramp U-NBOR Rt. 5+80 to 750			170			
U-136	Ramp U-NBOR Rt. 7+55 to 10+89	20		325	1		
U-137	Ramp U-NBOR Lt. 7+53 to 9+50	5		195	1		
U-138	Ramp U-NBOR Lt. 9+50 to 10+89	10		345	1		
U-139	NBOR Lt. 12+00 to 13+75	10		175		1	
U-140	NBOR Lt. 14+00 to 17+18	13		310	3		
U-141	NBOR Rt. 12+00 to 14+00	10		205	1		
U-142	NBOR Rt. 14+00 to 17+00	10		315		1	
U-143	NBOR Rt. 17+15 to 20+10	10		300			1
U-144	NBOR Rt. 20+15 to 23+48	10		332	1		
U-145	Ramp NBOR Rt. 6+75 to W.M.M. St.	10		455			
U-146	Ramp NBOR Lt. 10+75 to 11+70			100		1	
U-147	Reloc. W. 14th St. Rt. 10+05 to 11+05	5		90			
U-148	Reloc. W. 14th St. Rt. 11+35 to 12+50			105			
U-149	Ramp U-14 Lt. 13+80 to 15+00			118			
U-150	Ramp-A Lt. 13+85 to 15+00			100			
U-151	Ramp-A Lt. 15+00 to 16+00			70			
	Total	264	840	8533	32	25	3

DRAINAGE QUANTITIES

CODE	LOCATION	I-12		I-8		I-16	
		Pipe Removed over 15"	M.H. Reconst. to Grade	M.H. Aband.	M.H. Aband.	C.B.	C.B.
EXISTING STRUCTURES							
E-107	N.B. Jennings 80+05 Lt. Rt.	273					
E-108	NBOR Lt. 12+25					1	
E-109	NBOR Lt. 12+55					1	
E-110	Ramp NBOR-14 Lt. 7+25				1		
E-111	SBOR Rt. 11+45					1	
E-112	SBOR Rt. 11+75					1	
E-113	Ramp SBOR-M Rt. 7+85				1		
E-114	S.B. Medina Lt. 9+30				1		
E-115	NBOR Rt. 15+65					1	
E-116	NBOR Rt. 15+80				1		
E-117	Reloc. Holmden Lt. 3+70	377				1	
E-118	NBOR Lt. 19+25					1	
E-119	NBOR Rt. 19+25					1	
E-120	S.B. Medina Lt. 9+50				1		
E-121	S.B. Medina Rt. 9+50					1	
E-122	N.B. Medina Rt. 9+50					1	
E-123	N.B. Medina Lt. 9+50					1	
E-124	NBOR Rt. 22+85					1	
E-125	Ramp NBOR-14 Lt. 11+10					1	
E-126	Ramp NBOR-14 Lt. 11+30					1	
E-127	Reloc. W. 14th St. Lt. 10+95			1			
	Total	650	1	7	11		

M.H. ADJUSTED TO GRADE

Ref. No.	Existing T/C Elev.	Adjusted T/C Elev.
E-127*	684.72	683.82

*Reconstructed to grade

E-125 & E-126 Seal Pipe at Catch Basin
E-116 Seal Pipe at Manhole

PAVEMENT REMOVED UNDER QUIGLEY