FED. RD. REG NO.	STATE	PROJECT NO.	MILEPOST	SHEET NO
9	NEVADA	I-580-1(5)1	WASHOE	SD-1

STORM DRAIN SCHEDULE

NOTES:
1. Type 2 Drop Inlet, Type 2A Drop Inlet and Manholes: H = top of grate or cover to out invert; offset distance is to center of structure.
2. Type 3 Drop Inlet: H = Flowline of gutter to out invert; offset distance is to face of curb.
3. Special inlet 115.5' LT. "03"662+80: offset distance is to back face of Headwall.

SHEET NO.	STRUCTURE - LINE NO.	LOCATION STA.	LOCATION OFFSET	STRUCTURE TYPE: TYPE 2 DROP INLET	TYPE 2A DROP INLET	TYPE 3 DROP INLET		ELEVATION: GRATE, RIM OR COVER	INVERT IN	INVERT OUT	SLOPE FT/FT	LINE SIZE & LENGTH: CLASS III RCP 12"	18"	24"	36"	CLASS V RCP 24"	PCMP 24"			REMARKS	REMOVAL OF PORTION OF DROP INLET	DRAINAGE EXCAVATION	FOUNDATION MATERIAL TYPE B	QUANTITIES: STRUCTURE EXCAVATION	GRANULAR BACKFILL	DRAIN BACKFILL	NON-WOVEN FABRIC	CLASS AA CONCRETE (MINOR)	CLASS AA CONCRETE (MAJOR)	REINFORCING STEEL	STRUCTURAL STEEL GRATES	PIPE RISER INLET TYPE 3	48" PRE-CAST REINF CONC. MANHOLE TYPE1	48" PRE-CAST REINF CONC. MANHOLE TYPE2
	BEGIN PIPE	"ML" 14+32.05	56' RT.						4410.44'											SEAL WITH PLYWOOD PLUG																
									4410.44'	4410.40'	.0050'			8'										6	5										
	DI-7-3	"ML" 14+32.05	48' RT.			1		4413.40'		4410.40'										H = 3.25'				4	3				.77	40	373				
									4410.40'	4409.93'	.0052'			90'										52	36										
	DI-8-3	"ML" 14+32.05	46' LT.			1		4413.44'		4409.93'										H = 3.76'				5	4				.88	46	373				
									4409.93'	4409.84'	.0020'			46'										34	26										
	DI-9-2A	"03"630+50	150' RT.		1			4413.01'		4409.84'										H = 3.17'				6	5				.49	42	169				
									4409.84'	4408.27	.0025'			630'										705	681										
	MH-1-4	"03"636+65	4' RT.					4420.39'	4408.27'	4408.25'										H = 12.14'															1
									4408.25'	4407.57'	.0020'			342'										471	410										
	MH-2-4	"03"640+10	4' RT.					4415.54'	4407.57'	4407.55'										H = 7.99'															1
									4407.55	4406.58'	.0020'						486'			SEE SHEET 2A				403		346	847								
	MH-3-4	"03"645+00	4' RT.					4415.29'	4406.58'	4406.56'										H = 8.73'															1
									4406.56'	4405.41'	.0024'						478'			SEE SHEET 2A				429		374	781								
	MH-4-4	"03" 649+81.56	4' RT.					4415.12'	4405.41'	4405.41'										H = 9.71'															1
									4405.41'	4404.94'	.0046'			2'	104'					SEE SHEET NO. 2A				77		92	185				1			
	EXISTING 36" RCP	"03"649+97	109.5' RT						4404.94'											CONSTRUCT PIPE RISER INLET 107.5' RT. OF "03"649+95 (DI-17)															
	SPECIAL HEADWALL	"03"649+65	114' LT.						4405.85'	4405.41'	.0038'			4'	117'					CONNECT TO MH-4-4. CONSTRUCT PIPE RISER INLET 86' LT. "03"649+70 (DI-18) CONSTRUCT SPECIAL HEADWALL LT. (SEE SHEETS 2A, 25 & 26) (SEE SUMMARY OF SURFACING MATERIALS FOR TYPE 2 CLASS B AGGREGATE QUANTITIES)			23	150	61	102	210		9.04	1113		1		
	MH-5-4	"03"651+00	4' RT.					4415.05'	4406.55'	4406.55'										H = 8.50'															1
									4406.57'	4405.41'	.0100'						116'			CONNECT TO MH-4-4				100		87	181								
	DI-1-3	"ML" 9+21.75	33' LT.			1		4420.28'		4417.82'										H = 2.71'				4	3				.79	39	373				
									4417.82'	4417.16'	.0107'		62'											24	18										
	DI-2-3	"ML" 9+24.75	33' RT.			1		4420.16'	4417.16'	4417.16'										H = 3.25'				4	3				.93	48	373				
									4417.16'	4414.61'	.0260'			98'										94	76										
	GRADE BREAK	"ML" 10+41.85	54.60' RT						4414.61'	4414.61'																										
									4414.61'	4413.40'	.0103'			116'										112	91										
	DI-3-2A	"ML"11+40	75' RT.		1			4416.57'	4413.40'	4413.40'										H = 3.17'				6	5				.55	44	241				
									4413.40'	4413.36'	.0050'			8'										7	4										
	END PIPE	"ML"11+39	84.25' RT							4413.36'										BITCH OUT		366'														
	DI-4-2A	"R4" 1+23.33	18' LT.		1			4417.49'		4414.82'										H = 2.67'				6	4				.68	40	120				
									4414.82'	4412.02'	.0287'		98'											64	53										
	DI-5-2A	"03"630+45	115' LT.		1			4415.19'	4412.02'	4412.02'										H = 3.17'				6	5				.79	43	132				
									4412.02'	4409.84'	.0083'					264'				CONNECT TO DI-9-2A SEE SHEET 2A				228		181	410								
	DI-6-3	"R5" 0+90.56	8' RT.			1		4412.80'		4410.34'										H = 2.71'				4	4				.79	39	373				
									4410.34'	4409.84'	.0080'		64'							CONNECT TO DI-9-2A				30	23										
	DI-10-3	"P"4+20	73' RT.			1		4416.42'		4413.71'										H = 2.71'				4	6				.84	46	373				
									4413.71'	4412.18'	.0147'		104'											73	62										
	DI-11-2A	"R4"7+57	18' LT.		1			4417.34'	4412.18'	4412.18'										H = 5.16'				8	7				1.22	62	145				
									4412.18'	4411.68'	.0100'			52'										48	39										
	DI-12-2A	"03"636+65	61.5' LT.		1			4418.75'	4411.68'	4411.68'										H = 7.07'				8	15				1.51	83	132				
									4411.68'	4410.43'	.0200'			64'						CONNECT TO MH-1-4				63	51										
	DI-13-2A	"03"636+30	63' RT.		1			4419.30'		4416.63'										H = 2.67'					16				.73	41	151				
									4416.63'	4408.27'	.1267'		66'							CONNECT TO MH-1-4				48	41										
	DI-14-3	"R5"10+00	8' RT.			1		4413.76'		4411.05'										H = 2.71'				4	6				.79	39	373				
									4411.05'	4407.56'	.0349'		100'							CONNECT TO MH-2-4				71	59										
	DI-15-2A	"R4"11+00	18' LT.		1			4412.88'		4410.21'										H = 2.67'				5	4				.68	40	120				
									4410.21	4407.56'	.0272'		98'							CONNECT TO MH-2-4				30	19										
	DI-16-2A	"03"645+00	86' LT.		1			4411.55		4408.88'										H = 2.67'				4	3				.68	40	120				
									4408.88'	4406.57'	.0266'		88'							CONNECT TO MH-3-4				40		30	96								

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FED. RD. REG NO.	STATE	PROJECT NO.	MILEPOST	SHEET NO.
9	NEVADA	I-580-1(5)1	WASHOE	SD2

STORM DRAIN SCHEDULE

SHEET NO.	STRUCTURE - LINE NO.	LOCATION STA.	LOCATION OFFSET	STRUCTURE TYPE: TYPE 2 DROP INLET	TYPE 2A DROP INLET	TYPE 3 DROP INLET		ELEVATION: GRATE, RIM OR COVER	INVERT IN	INVERT OUT	SLOPE FT/FT	LINE SIZE & LENGTH: CLASS III RCP 12"	18"	24"	36"	CLASS V RCP 24"	PCMP 24"	REMARKS	REMOVAL OF POSTS OR DROP INLET	DRAINAGE EXCAVATION	FOUNDATION MATERIAL TYPE B	QUANTITIES: STRUCTURE EXCAVATION	GRANULAR BACKFILL	DRAIN BACKFILL	NON-WOVEN FABRIC	CLASS AA CONCRETE (MAJOR)	CLASS AA CONCRETE (MINOR)	REINFORCING STEEL	STRUCTURAL STEEL GRATES	TYPE RISER INLET TYPE 3	48" PRE-CAST RIM CONC. MAN-HOLE TYPE2	48" PRE-CAST RIM CONC. MAN-HOLE TYPE2
	EXISTING 24" CMP	"03" 646+70±	115' LT.							4406.22'								CONNECT RCP TO CMP WITH CONCRETE COLLAR. CONNECT TO STORM DRAIN 4' RT. OF "03" 646+35±															
									4406.22'	4406.16'	.0005			122'				REMOVE CMP TO 100' RT. PLUG & ABANDON REMAINDER OF CMP UNDER TERMINAL WAY.				113		91	196							
	DI-16A-2	"03" 648+35	2.25' LT.	1				4415.14'		4412.47'								H = 2.67' SEE SHEET NO. 24					11				.49	41				
									4412.47'	4407.07'	1.2706	8'						CONNECT TO STORM DRAIN				2	1									
	INLET OF 10'x5'RCB	"03" 659+40	114.75'LT.						4405.15'	4403.69'	.0028							EXISTING 10'x5'x211' RCB UNDER TERMINAL WAY. EXTEND 521' LT. CONSTRUCT SPECIAL HEADWALL LT. (SEE SHEETS NO. 25 & 26) (SEE SUMMARY OF SURFACING MATERIALS FOR TYPE 2 CLASS B AGGREGATE QUANTITIES)	921	1038	1271			492.56		69,958					
	DI-19-2	"03" 653+50	2.25' LT.	1				4415.08'		4412.41'								H = 2.67' SEE SHEET NO. 24				2	4				.46	40				
									4412.41'	4407.51'	.0320	154'						CONNECT TO RCB 88' RT. OF "03" 654+74				60	52									
	DI-20-2A	"R6"1+50	27' LT.		1			4413.75'		4411.04'								H = 2.67'				4	3				.71	41	145			
									4411.04'	4407.27'	.0250		152'					CONNECT TO RCB 58' RT. "03" 655+54				124	108									
	DI-21-2	"03" 657+09	2.25' LT.	1				4415.74		4413.07'								H = 2.67' SEE SHEET NO. 24					10				.49	40				
									4413.07'	4409.40'	VERT.	4'						CONNECT TO RCB				2	2									
	OUTLET 12" RCP	"03" 658+90±	112'± LT.						4406.92'	4406.76'	.0100	16'						CONNECT EXISTING 12" RCP TO RCB 100' LT. "03" 659+00				5	4									
	DI-22-2A	"R6"6+50	27' LT.		1			4414.55'		4411.84'								H = 2.71'				5	4				.71	41	145			
									4411.84'	4407.84'	.0780		50'					CONNECT TO RCB 113' LT. "03" 659+45				23	18									
	INLET 12'x4'RCB	"03" 662+18	114.5'LT.						4403.37'	4398.14'	.0176							EXISTING 12'x4'x130' RCB UNDER TERMINAL WAY; EXTEND 297' LT. CONSTRUCT SPECIAL HEADWALL LT. (SEE SHEETS NO. 25 & 26) (SEE SUMMARY OF SURFACING MATERIALS FOR TYPE 2 CLASS B AGGREGATE QUANTITIES)	622	917	686			425.10		88,716					
	DI-23-2	"03" 662+00	2.25' LT.	1				4416.66'		4413.99'								H = 2.67' SEE SHEET NO. 24				3	2				.49	40				
									4413.99'	4403.24'	.1473	74'						CONNECT TO RCB 42' LT. "03" 662+61				46	42									
	SPECIAL INLET	"03" 662+80	115.5'LT.						4408.40'	4408.40'								SEE SHEET NO. 26				12	23				3.46	179				
									4408.40'	4405.50'	.0645			46'				CONNECT TO RCB 90' LT. "03" 662+43				33	24									
	DI-24-2	"03" 666+47	2.25' RT.	1				4419.60'		4416.93'								H = 2.67' SEE SHEET NO. 24					11				.49	40				
									4416.93'	4416.54'	.0064	62'										15	13									
	DI-25-2A	"03" 666+47	55' RT.		1			4419.25'	4416.54'	4416.54'								H = 2.71'					11				.67	40	135			
									4416.54'	4400.53'	.0726		222'					CONNECT TO RCB 121' RT. "02" 664+32				136	112									
	DI-26-2	"02" 670+50	2.25' RT.	1				4428.61'		4425.94'								H = 2.67' SEE SHEET NO. 24					10				.49	40				
									4425.94'	4422.44'	.0500	72'										18	15									
	DI-27-2	"02" 670+50	69.75' LT.	1				4427.17'	4422.44'	4415.67'								H = 11.50' SEE SHEET NO. 24					63				2.12	128				
									4415.67'	4414.00'	.0190	88'						OUTLET 158.5' LT. OF "02" 670+50				25	20									
	DI-28-2	"02" 675+00	2.25' RT.	1				4440.09'		4437.42'								H = 2.67' SEE SHEET NO. 24					10				.49	40				
									4437.42'	4435.94'	.0211	70'										18	15									
	DI-29-2	"02" 675+00	69.75' LT.	1				4438.61'	4435.94'	4435.94'								H = 2.67' SEE SHEET NO. 24					10				.43	39				
									4435.94'	4414.73'	.5656	44'										11	9									
	DI-30-2A	"R6" 21+06.23	19.5' RT.		1			4417.40'	4414.73'	4414.73'								H = 2.67'				2	12				.65	39	120			
									4414.73'	4414.38'	.0096		38'									15	11									
	DI-31-3	"R6" 21+06.23	20' LT.			1		4416.84'	4414.38'	4414.38'								H = 2.71'				4	6				.73	36	373			
									4414.38'	4412.23'	.0075		288'									189	159									
	MH-5-1	"C"23+08	41' RT.					4417.90'	4412.23'	4412.21'								H = 5.69'													1	
									4412.21'	4409.37'	.0106		268'									258	230									
	MH-6-1	"C"25+80	41' RT.					4415.31'	4409.37'	4409.35'								H = 5.96'													1	
									4409.35'	4408.27'	.0029		374'					CONNECT TO EXISTING DROP INLET 42' RT. OF "C" 29+56.80				262	208									

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FED. RD. REG. NO.	STATE	PROJECT NO.	MILEPOST	SHEET NO
9	NEVADA	I-580-1(5)1	WASHOE	SD3

STORM DRAIN SCHEDULE

SHEET NO.	STRUCTURE - LINE NO.	LOCATION STA.	LOCATION OFFSET	STRUCTURE TYPE: TYPE 2 DROP INLET	TYPE 2A DROP INLET	TYPE 3 DROP INLET		ELEVATION: GRATE, RIM OR COVER	INVERT IN	INVERT OUT	SLOPE FT/FT	LINE SIZE & LENGTH: CLASS III RCP 12"	18"	24"	36"	CLASS V RCP	24"	PCMP	24"			REMARKS	REMOVAL OF EXISTING DROP INLET	DRAINAGE EXCAVATION	FOUNDATION MATERIAL TYPE B	QUANTITIES: STRUCTURE EXCAVATION	GRANULAR BACKFILL	DRAIN BACKFILL	NON-WOVEN FABRIC	CLASS AA CONCRETE (MAJOR)	CLASS AA CONCRETE (MINOR)	REINFORCING STEEL	STRUCTURAL STEEL GRATES	PIPE RISER INLET TYPE 3	48" PRE-CAST TYPE 1 CONC. MAN-HOLE TYPE	48" PRE-CAST TYPE 1 CONC. MAN-HOLE TYPE
	DI-32-3	"CH" 22+70.52	48.89' LT.			1		4418.11'		4415.65'												H = 2.71'				6	5				.73	36	373			
									4415.65'	4412.22'	.0379		92'									CONNECT TO MH-5-1				63	54									
	DI-33-2A	"BT" 13+98.70	23.5' LT.		1			4413.60'		4410.93'												H = 2.67'				4	8				.68	40	120			
									4410.93'	4409.36'	.0100		157'									CONNECT TO MH-6-1				166	150									
	DI-34-3	"CH" 26+04.14	60' LT.			1		4414.55'		4412.09'												H = 2.71'				7	6				.73	36	373			
									4412.09'	4409.36'	.0273		100'									CONNECT TO MH-6-1				100	90									
		"CH" 29+64.80	42' LT.																			MODIFY EXISTING TYPE 3 DROP INLET														
																						(SEE SHEET NO. 24)	1			2	1				1.08	118	373			
	STORM DRAIN SCHEDULE TOTALS (CARRIED TO SHEET S4)											592	2421	1628	221		264		1080				1	366	1566	7127	5352	1303	2906	917.66	38.26	18/573	6098	2	2	5

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TRACING				