RESEARCH

UDOT CONNECTING COMMUNITIES

Utah Department of Transportation - Research Division
4501 South 2700 West, Box 148410 - Salt Lake City, Utah 84114-8410

Report No. UT-04.05a

CONDITION ASSESSMENT OF HIGHWAY CULVERTS AND DETERMINATION OF PERFORMANCE MEASURES

VOLUME II: ATTACHMENTS

Prepared For:

Utah Department of Transportation
Research Division

Submitted by:

Simpson Gumpertz & Heger Inc.

Authored by:

Dr. Timothy J. McGrath, P.E.
Jesse L. Beaver, P.E.

September 2004

Inside cover

Report No. UT-04.05a

CONDITION ASSESSMENT OF HIGHWAY CULVERTS AND DETERMINATION OF PERFORMANCE MEASURES

VOLUME 2: ATTACHMENTS

Prepared For:

Utah Department of Transportation
Research Division

Submitted By:

Simpson Gumpertz & Heger Inc.

Authored By:

Dr. Timothy J. McGrath, P.E.
Jesse L. Beaver, P.E.

24 September 2004

UDOT RESEARCH & DEVELOPMENT REPORT ABSTRACT

1. Report No. UT-04.05	**2. Government Accession No.**	**3. Recipient's Catalog No.**
4. Title and Subtitle Condition Assessment of Highway Culverts and Determination of Performance Measures, Volume 1: Final Report, Volume 2: Attachments	**5. Report Date** 24 September 2004 **6. Performing Organization Code** 023602	
7. Author(s) Timothy J. McGrath, Jesse L. Beaver	**9. Performing Organization Report No.**	
9. Performing Organization Name and Address Simpson Gumpertz & Heger Inc. 41 Seyon Street, Building 1, Suite 500 Waltham, MA 02453 Tel.: 781 907-9000 Fax: 781 907-9009	**10. Work Unit No.** UDOT PIC No AM02.001 **11. Contract No.** 03-9097	
12. Sponsoring Agency Name and Address Utah Department of Transportation Research and Development Division 4501 South 2700 West Salt Lake City, UT 84114-8410	**13. Type of Report and Period Covered** **14. Sponsoring Agency Code** 81FR0132 81FR0232	
15. Supplementary Notes Blaine D. Leonard, P.E., UDOT Senior Research Project Manager		

16. Abstract

The Utah Department of Transportation installed and manages over 47,000 culverts but has no comprehensive, quantitative method for evaluating the performance of these culverts. UDOT contracted with Simpson Gumpertz & Heger Inc. to 1) determine the condition of highway culverts with spans from 2 ft to 5 ft, 2) develop a system of culvert performance measures, 3) support UDOT in modifying and populating a culvert inventory and inspection database, and 4) recommend implementation of performance measures for future UDOT procedures.

272 culverts were inspected under this contract. Culvert barrel materials consisted primarily of steel, concrete, and polyethylene. Most inspected culverts had barrel span less than five feet. Culvert inspections were conducted in all UDOT Maintenance regions, in all major surface and deep soil zones, and at most elevations. UDOT culverts are performing well overall. Inspection results indicate no significant performance differential between the different barrel materials. Available data includes many concrete and metal barrels that were installed before thermoplastic barrels were used, that is, thermoplastic barrels have a shorter service life history for comparison. The problems unique to each type of culvert pipe material are discussed.

Performance measures were adopted from available references and further developed to assist in assessing both the waterway and the barrel condition of each culvert installation. Inspection results were used to determine performance ratings for culvert structural and hydraulic condition. A rating modifier for culvert importance (Importance Modifier) is proposed as a method to reduce the number of culverts that require routine monitoring and to prioritize culvert maintenance. The numeric performance ratings give equal consideration to all culvert barrel materials.

This project also evaluated, modified, and used the UDOT Culvert Database, which is composed of a database with inventory and inspection datasets and a Form program used to interface with the database. Through a cooperative effort with Utah State University the database and Form Program were upgraded to improve functionality and usability for this project.

This project also provides recommendations to improve UDOT culvert installation and maintenance procedures. The UDOT Culvert Database was also evaluated and recommendations are provided to make the Database usable by UDOT maintenance personnel for future work. References are provided to assess the different expected service life of various metal culverts and coatings.

17. Key Words **Culvert inspection, culvert performance, culvert management, pipe materials, culvert maintenance database**		**18. Distribution Statement** Available: UDOT Research Division Box 148410 Salt Lake City, UT 84114-8410 www.udot.utah.gov/res	
19. Security Classification (of this report) N/A	**20. Security Classification (of this page)** N/A	**21. No. of Pages** Vol 1: 130 / Vol 2: 183	**22. Price** N/A

TABLE OF CONTENTS

VOLUME 2: ATTACHMENTS

A.1 Utah DOT Culvert Inventory
A.2 UDOT Culvert Database
A.3 Inventory and Inspection Data for 272 Inspected Culverts
A.4 Compact Disk of Electronic Files and Photographs

Attachment A.1

Utah DOT Culvert Inventory

A.1. UTAH DOT CULVERT INVENTORY

A.1.1 All Culvert Spans

Histogram Barrel Count (All Culverts)	A.1 - 3
Histogram Barrel Lengths (All Culverts)	A.1 - 4
Histogram Culvert Cross (All Culverts)	A.1 - 5
Histogram End Treatments (All Culverts)	A.1 - 6
Histogram Drop Inlet Count (All Culverts)	A.1 - 7
Histogram Culvert Install Date (All Culverts)	A.1 - 8
Histogram Culvert Material	A.1 - 10
Histogram Culvert Span (All Culverts)	A.1 - 11
Culvert Material by Route ID and Reference Post (All Culverts)	A.1 - 15

A.1.2 Culverts with 2 ft to 5 ft Span

Histogram Barrel Count (24” to 60” Span)	A.1 - 52
Histogram Barrel Lengths (24” to 60” Span)	A.1 - 53
Histogram Culvert Cross (24” to 60” Span)	A.1 - 54
Histogram End Treatments (24” to 60” Span)	A.1 - 55
Histogram Drop Inlet Count (24” to 60” Span)	A.1 - 56
Histogram Culvert Install Date (24” to 60” Span)	A.1 - 57
Histogram Culvert Material (24” to 60” Span)	A.1 - 59
Histogram Culvert Span (24” to 60”)	A.1 - 60
Culvert Material by Route ID and Reference Post (24” to 60” Span)	A.1 - 61

Histogram Barrel Count (All Culverts)

Total Culverts: 46953

Barrel Count	Metal	Concrete	Plastic	Other	Total:
0	3371	1376	119	79	4945
1	27650	5973	1206	6	34835
2	1648	3088	258		4994
3	662	745	44		1451
4	168	227	5		400
5	26	54	2		82
6	29	38	3		70
7	17	24	1		42
8	8	13			21
9	4	13			17
10	7	9			16
11	2	8			10
12	3	10			13
13	1	1			2
14	3	5	1		9
15		2			2
16	1	2			3
17	1	1			2
18	1	7			8
19		2			2
20		3			3
21	1	1			2
22	1				1
23		2			2
25		1			1
26	1	1			2
33	1	1			2
37		3			3
40		1			1
42		1			1
46	1				1
48		1			1
52		1			1
55		1			1
58		1			1
64		1			1
65		1			1
84		1			1
86		1			1
91		1			1
99		1			1
	33607	11622	1639	85	46953

Histogram Barrel Lengths (All Culverts)

Total Culverts: 46953

Barrel Length (ft)	Metal	Concrete	Plastic	Other	Total:
1 to 100	24640	6794	1132	6	32572
101 to 200	5989	2123	327		8439
201 to 300	1512	1135	70		2717
301 to 400	645	625	54		1324
401 to 500	187	301	13		501
501 to 600	91	113	9		213
601 to 700	52	78	4		134
701 to 800	26	34			60
801 to 900	16	37	2		55
901 to 1,000	23	28			51
1,001 to 2,000	51	106	6		163
2,001 to 3,000	9	29	6		44
3,001 to 4,000	4	10	5		19
4,001 to 5,000	1	9	4		14
5,001 to 6,000	1	4	2		7
6,001 to 7,000		3			3
8,001 to 9,000	1				1
9,001 to 10,000		1			1
10,001 to 20,000	2	6			8
20,001 to 30,000	1				1
50,001 to 60,000		1			1
NA	356	185	5	79	625
	33607	11622	1639	85	46953

Histogram Culvert Cross (All Culverts)

Total Culverts: 46953

Culvert Cross	Metal	Concrete	Plastic	Other	Total:
Cross Drain	620	291	77	1	989
Divided Highway Both	2132	877	19		3028
Divided Highway Opposite	1105	237	122		1464
Divided Highway Primary	1757	483	99		2339
Lateral Drain	6754	6078	1110	79	14021
Undivided Highway	21239	3656	212	5	25112
	33607	11622	1639	85	46953

Histogram End Treatments (All Culverts)

Total Culverts: 46953

Inlet End Treatment	Outlet End Treatment	Metal	Concrete	Plastic	Other	Total:
Energy Dissipator	Energy Dissipator	3105	276	266	2	3649
Energy Dissipator	Head Wall	37	19			56
Energy Dissipator	None	57				57
Energy Dissipator	Preformed	37		6		43
Head Wall	Energy Dissipator	3	1			4
Head Wall	Head Wall	2027	1555	54	22	3658
Head Wall	None	17	7			24
Head Wall	Preformed	32	4			36
None	Energy Dissipator	54		4		58
None	Head Wall	324	18	1		343
None	None	19324	8846	840	4	29014
None	Preformed	745	4	18		767
Preformed	Energy Dissipator	15		4		19
Preformed	Head Wall	52	3	1		56
Preformed	None	13	8			21
Preformed	Preformed	7765	881	445	57	9148
		33607	11622	1639	85	46953

Inlet End Treatment (All Culverts)

Inlet End Treatment	Metal	Concrete	Plastic	Other	Total:
Energy Dissipator	3236	295	272	2	3805
Head Wall	2079	1567	54	22	3722
None	20447	8868	863	4	30182
Preformed	7845	892	450	57	9244
	33607	11622	1639	85	46953

Outlet End Treatment (All Culverts)

Outlet End Treatment	Metal	Concrete	Plastic	Other	Total:
Energy Dissipator	3177	277	274	2	3730
Head Wall	2440	1595	56	22	4113
None	19411	8861	840	4	29116
Preformed	8579	889	469	57	9994
	33607	11622	1639	85	46953

Histogram Drop Inlet Count (All Culverts)

Total Culverts: 46953

Drop Inlet Count	Metal	Concrete	Plastic	Other	Total:
0	27529	4394	597	85	32605
1	4621	6080	870		11571
2	1153	853	149		2155
3	198	135	7		340
4	58	67	4		129
5	10	26	6		42
6	12	14			26
7	7	4	2		13
8	3	8	1		12
9	1	8			9
10	5	8	1		14
11 to 20	7	15	1		23
21 to 30	2	6			8
31 to 40	1	3			4
41 to 50		1			1
51 to 100			1		1
	33607	11622	1639	85	46953

Histogram Culvert Install Date (All Culverts)

Total Culverts: 46953

Unknown

Install Date:	Metal:	Concrete:	Plastic:	Other:	Total:
0	24365	8360	1278	84	34087
1000	3	5	2		10
1633	1				1
1672	1				1
1800		1			1
	24370	8366	1280	84	34100

Pre 1960

Install Date:	Metal:	Concrete:	Plastic:	Other:	Total:
1920	13	2			15
1930	29				29
1934	10	3			13
1935	36	38			74
1936	78	53	2		133
1937	44	35			79
1938	48	14	1		63
1940	2	14			16
1941	65	19	8		92
1942	20	37	2		59
1943	23	52	1		76
1946	192	28	2		222
1947	104	39			143
1948	308	128	8		444
1949	13	17			30
1950	172	291			463
1951	135	64			199
1952	90	1			91
1954	116	68	3		187
1955	646	20	1		667
1956	50	1			51
1957	95	15	4		114
1958	720	80	1		801
1959	83	7			90
1960	236	38	2		276
	3328	1064	35		4427

1961 - 1970

Install Date:	Metal:	Concrete:	Plastic:	Other:	Total:
1961	107	70	3		180
1962	521	202	1		724
1963	253	65	5		323
1964	367	57	1		425
1965	501	98			599
1966	60	98	2		160
1967	344	90			434

Histogram Culvert Install Date (All Culverts)

Total Culverts: 46953

1968	829	310	92		1231
1969	202	3			205
1970	357	59	6		422
	3541	1052	110		4703

1971 - 1980

Install Date:	Metal:	Concrete:	Plastic:	Other:	Total:
1971	11				11
1972	219	202	1		422
1973	34	31	1		66
1974		1			1
1975	127	10			137
1976	28	2			30
1977	26	2			28
1978	15	25			40
1979	1				1
1980	282	164	29		475
	743	437	31		1211

1981 - 1990

Install Date:	Metal:	Concrete:	Plastic:	Other:	Total:
1981	14	23	2		39
1982	18	155	22		195
1983	60	19	3		82
1984	278	21			299
1985	296	54	6		356
1986	39	48	13		100
1987	147	4	18		169
1988	14	8	10		32
1990	72	22	11		105
	938	354	85		1377

1991 - 1998

Install Date:	Metal:	Concrete:	Plastic:	Other:	Total:
1991	4		4		8
1992	14	3			17
1993	18	5	1		24
1994	327	149	10		486
1995	224	16	37		277
1996	65	1	4		70
1997	33	175	36	1	245
1998	2		6		8
	687	349	98	1	1135

Histogram Culvert Material

Total Culverts: 46953

Material:	Count:
Concrete	5984
Corrugated Steel	31245
NA	83
plastic	1639
Reinforced Concrete	5638
Steel Plate	2362
Wood	2

Histogram Culvert Span (All Culverts)

Total Culverts: 46953

Span (in.):	Metal:	Concrete:	Plastic:	Other:	Total:
0 to 23	9222	4976	1183	82	15463
24 to 60	23288	5829	449	2	29568
61 to 120	923	505	3		1431
121 to 240	159	269	3	1	432
241 to 960	15	43	1		59
Total:	33607	11622	1639	85	46953

Span (in.):	Metal:	Concrete:	Plastic:	Other:	Total:
0	34	20	2	79	135
1	1				1
2	3	1			4
3	38		1		39
4	82	11	11		104
5	31				31
6	298	17	36		351
7	8				8
8	142	54	34		230
9	11	2			13
10	59	78	15		152
11	3				3
12	1741	1401	698		3840
13	7	2	1		10
14	27	33	4		64
15	418	208	41		667
16	229	80	15		324
17	1		4		5
18	5813	2867	290	3	8973
19	9	2			11
20	181	159	24		364
21	36	35	7		78
22	50	6			56
24	14469	3366	320		18155
25	15		5		20
26	498	235	44		777
27	17	2	23		42
28	114	15	2		131
29	198	1			199
30	2717	429	15		3161
31	3				3
32	224	25			249
33	3	5			8
34	18	1			19
35	6	3			9
36	2694	1338	36	1	4069
37	1				1
38	19	3	1		23
40	44	18			62
41	2				2
42	306	17			323
43	50				50
44	40	3			43

Span (in.):	Metal:	Concrete:	Plastic:	Other:	Total:
45	13				13
46	27	1			28
48	1124	237	3	1	1365
50	33	14			47
51	2				2
52	31	14			45
53	3	2			5
54	111	10			121
55	5				5
56	40	4			44
57	3				3
58	27	3			30
59	1				1
60	430	83			513
61			1		1
62	16	2			18
63	2	2			4
64	40	4			44
65	3				3
66	25	1			26
67	1				1
68	11	2			13
69	2				2
70	9	2			11
71		1			1
72	357	116			473
73	1	1			2
74	3	1			4
75	2	1			3
76	15	1			16
78	46	1			47
79		1			1
80	22	8			30
81		1			1
82		1			1
84	154	27			181
86	5	1			6
87	1	1			2
88		1			1
90	15	3			18
92	7	3			10
93	1				1
94	4	2			6
95		2			2
96	70	140			210
97		1			1
98	2				2
100	5	7			12
102	9	5			14
103	1				1
104	1	3			4
106		2			2
108	29	19			48
109	1				1

Span (in.):	Metal:	Concrete:	Plastic:	Other:	Total:
112	3	2			5
114	3	2			5
115		1			1
116	1	2			3
117	1	2			3
118		2			2
120	55	131	2		188
122		2			2
124	3	3			6
125	4				4
126	3	1			4
128		5			5
130	2	2			4
131	1				1
132	17	17			34
136	1	1			2
138	2				2
140	1	1			2
142	1				1
144	30	103	1		134
145		1			1
148		2			2
150	2				2
155		1			1
156	25	13			38
160	3	1			4
162	1	2			3
166		9			9
168	15	23			38
169		1			1
170		1			1
174		1			1
176	1	1			2
180	8	11	1		20
182	1				1
188		2			2
190	2				2
192	13	26			39
194		1			1
204	11	1			12
210	1				1
216	5	10			15
224	1	1			2
228		1			1
234	1	1			2
236	1				1
238		1			1
240	3	23	1	1	28
241	2	2			4
243		1	1		2
245	1				1
252		6			6
264		1			1
276		1			1

Span (in.):	Metal:	Concrete:	Plastic:	Other:	Total:
280	1				1
288	5	3			8
300	1	4			5
301	2				2
312	1	1			2
318		2			2
336		2			2
348		1			1
360	1	3			4
384		2			2
408		2			2
432		3			3
480	1	1			2
721		1			1
752		1			1
792		1			1
835		1			1
836		2			2
864		1			1
960		1			1
	33607	11622	1639	85	46953

Culvert Material by Route ID and Reference Post (All Culverts)

Total Culverts: 46953

SR-006

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	56	0	10	0	66
10 to 19	62	0	0	0	62
20 to 29	49	0	0	0	49
30 to 39	52	0	0	0	52
40 to 49	62	0	0	0	62
50 to 59	69	1	0	0	70
60 to 69	43	0	0	0	43
70 to 79	21	0	0	0	21
80 to 89	42	2	0	0	44
90 to 99	4	1	4	0	9
100 to 109	22	2	0	0	24
110 to 119	35	2	0	0	37
120 to 129	42	3	0	0	45
130 to 139	63	1	0	0	64
140 to 149	29	23	0	0	52
150 to 159	65	17	1	0	83
160 to 169	59	12	0	0	71
170 to 179	97	2	0	0	99
180 to 189	42	8	0	0	50
190 to 199	60	2	1	4	67
200 to 209	50	20	0	0	70
210 to 219	76	2	0	0	78
220 to 229	89	6	0	0	95
230 to 239	56	8	0	0	64
240 to 249	61	0	0	0	61
250 to 259	65	0	0	0	65
260 to 269	58	3	0	0	61
270 to 279	48	7	0	1	56
280 to 288	27	2	0	0	29
	1504	124	16	5	1649

SR-008

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 1	11	3	1	0	15
	11	3	1	0	15

SR-009

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	30	0	1	0	31
10 to 19	57	7	0	0	64
20 to 29	65	2	0	0	67
30 to 39	77	3	0	2	82
40 to 44	36	1	0	0	37
	265	13	1	2	281

Culvert Material by Route ID and Reference Post (All Culverts)

Total Culverts: 46953

SR-010

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	91	1	0	0	92
10 to 19	83	19	0	0	102
20 to 29	86	6	1	0	93
30 to 39	60	6	0	0	66
40 to 49	49	7	0	0	56
50 to 59	47	9	0	2	58
60 to 68	46	2	0	1	49
	462	50	1	3	516

SR-011

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 2	35	0	1	0	36
	35	0	1	0	36

SR-012

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	74	1	0	1	76
10 to 19	74	6	0	0	80
20 to 29	89	3	5	0	97
30 to 39	99	0	0	0	99
40 to 49	65	0	0	0	65
50 to 59	88	0	0	0	88
60 to 69	72	0	0	0	72
70 to 79	86	1	0	0	87
80 to 89	70	0	0	0	70
90 to 99	93	0	0	0	93
100 to 109	119	0	0	0	119
110 to 119	89	0	0	0	89
120 to 122	8	0	0	0	8
	1026	11	5	1	1043

SR-013

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	5	70	1	0	76
10 to 19	11	65	2	0	78
20 to 29	18	20	3	0	41
30 to 32	1	14	0	0	15
	35	169	6	0	210

SR-014

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	89	1	0	0	90
10 to 19	97	3	0	0	100
20 to 29	71	0	0	0	71
30 to 39	88	2	0	1	91

Culvert Material by Route ID and Reference Post (All Culverts)

Total Culverts: 46953

40 to 40	5	0	0	0	5
	350	6	0	1	357

SR-015

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	495	308	44	0	847
10 to 19	131	8	1	0	140
20 to 29	81	9	2	0	92
30 to 39	59	4	0	0	63
40 to 49	106	14	0	0	120
50 to 59	44	5	6	0	55
60 to 69	65	11	1	0	77
70 to 79	7	0	0	0	7
80 to 89	0	0	0	0	0
90 to 99	49	4	0	0	53
100 to 109	90	10	7	0	107
110 to 119	138	8	27	0	173
120 to 129	70	4	12	0	86
130 to 139	85	3	3	0	91
140 to 149	82	10	0	0	92
150 to 159	106	10	0	0	116
160 to 169	67	18	0	0	85
170 to 179	62	2	0	0	64
180 to 189	40	9	0	0	49
190 to 199	29	7	2	0	38
200 to 209	65	11	0	0	76
210 to 219	117	0	17	0	134
220 to 229	110	6	10	0	126
230 to 239	71	12	0	0	83
240 to 249	43	79	2	0	124
250 to 259	29	44	0	0	73
260 to 269	123	30	35	0	188
270 to 279	72	61	12	0	145
280 to 289	56	51	27	0	134
290 to 299	56	53	0	0	109
300 to 309	50	96	13	0	159
310 to 319	35	83	15	0	133
320 to 329	13	45	2	0	60
330 to 339	53	34	0	0	87
340 to 349	68	103	1	0	172
350 to 359	50	28	0	0	78
360 to 369	93	20	0	0	113
370 to 379	118	26	0	1	145
380 to 389	69	2	0	0	71
390 to 399	77	0	0	0	77
400 to 401	8	1	1	0	10
	3182	1229	240	1	4652

SR-017

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 5	19	0	0	0	19

Culvert Material by Route ID and Reference Post (All Culverts)

Total Culverts: 46953

	19	0	0	0	19

SR-018

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	39	5	10	0	54
10 to 19	56	2	0	0	58
20 to 29	35	0	0	0	35
30 to 39	68	1	0	0	69
40 to 49	17	1	0	0	18
	215	9	10	0	234

SR-019

Mileposts:	Metal	Concrete	Plastic	Other	Total:
1 to 4	16	1	0	0	17
	16	1	0	0	17

SR-020

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	44	0	0	0	44
10 to 19	64	0	0	0	64
20 to 20	1	0	0	0	1
	109	0	0	0	109

SR-021

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	64	0	0	0	64
10 to 19	49	0	0	0	49
20 to 29	48	0	0	0	48
30 to 39	47	1	0	0	48
40 to 49	52	1	0	0	53
50 to 59	44	0	0	0	44
60 to 69	49	2	0	0	51
70 to 79	29	3	0	0	32
80 to 89	28	4	0	0	32
90 to 99	59	7	0	0	66
100 to 106	54	1	0	0	55
	523	19	0	0	542

SR-022

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 6	47	2	0	0	49
	47	2	0	0	49

SR-023

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	128	82	14	0	224

Culvert Material by Route ID and Reference Post (All Culverts)

Total Culverts: 46953

10 to 19	51	16	1	0	68
20 to 29	31	31	1	0	63
	210	129	16	0	355

SR-024

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	110	3	0	0	113
10 to 19	59	2	0	0	61
20 to 29	43	0	0	0	43
30 to 39	61	0	0	0	61
40 to 49	43	0	0	0	43
50 to 59	53	6	0	0	59
60 to 69	67	2	2	0	71
70 to 79	81	5	0	0	86
80 to 89	80	2	0	0	82
90 to 99	68	6	0	0	74
100 to 109	59	5	0	0	64
110 to 119	61	4	0	0	65
120 to 129	21	1	0	0	22
130 to 139	16	0	0	0	16
140 to 149	7	0	0	0	7
150 to 159	21	1	0	0	22
160 to 160	3	0	0	0	3
	853	37	2	0	892

SR-025

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	59	0	0	0	59
10 to 10	1	0	0	0	1
	60	0	0	0	60

SR-026

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 3	16	42	0	0	58
	16	42	0	0	58

SR-028

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	93	7	0	0	100
10 to 19	59	1	0	0	60
20 to 29	62	3	0	0	65
30 to 38	40	8	0	0	48
	254	19	0	0	273

SR-029

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	68	3	0	0	71

Culvert Material by Route ID and Reference Post (All Culverts)

Total Culverts: 46953

10 to 19	102	5	0	0	107
20 to 21	16	0	0	0	16
	186	8	0	0	194

SR-030

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	57	0	0	0	57
10 to 19	84	2	0	0	86
20 to 29	54	1	0	0	55
30 to 39	64	0	0	0	64
40 to 49	71	0	0	0	71
50 to 59	108	2	1	0	111
60 to 69	69	0	0	0	69
70 to 79	56	0	0	0	56
80 to 89	71	0	0	0	71
90 to 99	50	0	0	0	50
100 to 109	61	58	2	0	121
	745	63	3	0	811

SR-031

Mileposts:	Metal	Concrete	Plastic	Other	Total:
18 to 19	14	0	0	0	14
20 to 29	97	0	0	0	97
30 to 39	101	1	0	0	102
40 to 47	56	0	0	0	56
	268	1	0	0	269

SR-032

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	73	2	16	0	91
10 to 19	151	11	0	0	162
20 to 28	84	5	2	0	91
	308	18	18	0	344

SR-034

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 2	19	3	6	0	28
	19	3	6	0	28

SR-035

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	73	8	0	0	81
10 to 19	129	1	0	0	130
20 to 29	87	0	0	0	87
30 to 39	86	1	0	0	87
40 to 49	113	2	0	0	115
50 to 59	113	2	0	0	115

Culvert Material by Route ID and Reference Post (All Culverts)

Total Culverts: 46953

60 to 62	21	0	0	0	21
	622	14	0	0	636

SR-036

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	52	0	3	0	55
10 to 19	65	0	0	0	65
20 to 29	59	0	0	0	59
30 to 39	41	0	0	0	41
40 to 49	45	5	0	0	50
50 to 59	81	18	0	0	99
60 to 67	26	4	0	0	30
	369	27	3	0	399

SR-037

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	28	92	1	0	121
10 to 12	23	39	1	0	63
	51	131	2	0	184

SR-038

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	75	3	0	0	78
10 to 18	43	2	0	0	45
	118	5	0	0	123

SR-039

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	34	58	1	0	93
10 to 19	94	12	2	0	108
20 to 29	59	11	0	0	70
30 to 39	74	1	0	0	75
40 to 43	29	0	0	0	29
	290	82	3	0	375

SR-040

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	75	3	12	0	90
10 to 19	83	9	2	0	94
20 to 29	45	3	0	0	48
30 to 39	50	2	0	0	52
40 to 49	49	5	0	0	54
50 to 59	75	3	0	0	78
60 to 69	79	1	0	0	80
70 to 79	67	1	0	0	68
80 to 89	66	0	0	0	66
90 to 99	79	1	0	0	80

Culvert Material by Route ID and Reference Post (All Culverts)

Total Culverts: 46953

100 to 109	77	4	0	0	81
110 to 119	55	9	0	0	64
120 to 129	50	5	0	0	55
130 to 139	57	5	0	0	62
140 to 149	90	7	2	0	99
150 to 159	48	2	5	0	55
160 to 169	57	1	0	0	58
170 to 174	19	0	1	0	20
	1121	61	22	0	1204

SR-041

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 4	48	74	3	0	125
	48	74	3	0	125

SR-042

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 7	52	12	0	0	64
	52	12	0	0	64

SR-043

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	63	1	0	0	64
10 to 10	9	0	0	0	9
	72	1	0	0	73

SR-044

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	76	0	0	0	76
10 to 19	73	0	0	0	73
20 to 27	70	1	0	0	71
	219	1	0	0	220

SR-045

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	65	0	0	0	65
10 to 19	54	5	0	0	59
20 to 29	56	0	0	0	56
30 to 39	75	0	0	0	75
40 to 40	1	0	0	0	1
	251	5	0	0	256

SR-046

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	71	0	0	0	71
10 to 19	89	0	0	0	89

Culvert Material by Route ID and Reference Post (All Culverts)

Total Culverts: 46953

20 to 21	19	0	0	0	19
	179	0	0	0	179

SR-048

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	3	38	1	0	42
10 to 13	0	83	0	0	83
	3	121	1	0	125

SR-050

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	36	1	7	0	44
10 to 19	31	1	0	0	32
20 to 29	21	0	0	0	21
30 to 39	0	0	0	0	0
40 to 49	2	0	0	0	2
50 to 59	46	4	7	0	57
	136	6	14	0	156

SR-051

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 3	31	3	1	0	35
	31	3	1	0	35

SR-052

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 4	25	20	24	0	69
	25	20	24	0	69

SR-053

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 1	0	16	3	0	19
	0	16	3	0	19

SR-054

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 1	21	1	0	0	22
	21	1	0	0	22

SR-055

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 2	17	13	0	0	30
	17	13	0	0	30

Culvert Material by Route ID and Reference Post (All Culverts)

Total Culverts: 46953

SR-056

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	60	0	0	0	60
10 to 19	28	0	0	0	28
20 to 29	27	0	0	0	27
30 to 39	62	1	0	0	63
40 to 49	58	1	0	0	59
50 to 59	32	5	0	0	37
60 to 61	4	1	0	0	5
	271	8	0	0	279

SR-057

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	66	9	0	0	75
10 to 10	3	0	0	0	3
	69	9	0	0	78

SR-058

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 1	1	6	0	0	7
	1	6	0	0	7

SR-059

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	54	0	0	0	54
10 to 19	82	1	0	0	83
20 to 21	13	0	0	0	13
	149	1	0	0	150

SR-060

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 6	35	27	2	0	64
	35	27	2	0	64

SR-061

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 7	61	18	7	0	86
	61	18	7	0	86

SR-062

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	59	4	0	0	63
10 to 19	73	0	0	0	73
20 to 29	66	0	0	0	66
30 to 39	84	0	0	0	84

Culvert Material by Route ID and Reference Post (All Culverts)

Total Culverts: 46953

40 to 42	25	1	0	0	26
	307	5	0	0	312

SR-063

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 2	19	1	0	0	20
	19	1	0	0	20

SR-064

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 1	23	0	0	0	23
	23	0	0	0	23

SR-065

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	19	17	8	0	44
10 to 19	44	3	0	0	47
20 to 28	52	8	0	0	60
	115	28	8	0	151

SR-066

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	92	5	1	0	98
10 to 14	35	29	1	0	65
	127	34	2	0	163

SR-068

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	8	28	0	0	36
10 to 19	5	28	0	0	33
20 to 29	8	7	0	0	15
30 to 39	23	34	0	0	57
40 to 49	0	139	0	0	139
50 to 59	2	190	0	0	192
60 to 69	17	83	0	0	100
	63	509	0	0	572

SR-070

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	308	14	78	0	400
10 to 19	136	2	25	0	163
20 to 29	107	12	21	7	147
30 to 39	96	5	37	1	139
40 to 49	121	14	30	10	175
50 to 59	101	2	0	1	104
60 to 69	100	4	0	3	107

Culvert Material by Route ID and Reference Post (All Culverts)

Total Culverts: 46953

70 to 79	129	3	0	0	132
80 to 89	95	1	0	1	97
90 to 99	71	1	14	2	88
100 to 109	53	4	21	2	80
110 to 119	58	2	34	3	97
120 to 129	70	9	15	2	96
130 to 139	62	8	1	1	72
140 to 149	61	6	2	2	71
150 to 159	35	6	5	0	46
160 to 169	79	2	7	2	90
170 to 179	81	2	0	2	85
180 to 189	50	1	0	1	52
190 to 199	49	0	2	0	51
200 to 209	77	2	0	2	81
210 to 219	59	5	0	3	67
220 to 229	66	0	1	0	67
230 to 232	25	0	0	2	27
	2089	105	293	47	2534

SR-071

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	3	104	0	0	107
10 to 19	0	209	0	0	209
	3	313	0	0	316

SR-072

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	58	1	0	0	59
10 to 19	85	0	0	0	85
20 to 29	105	0	0	0	105
30 to 35	51	0	0	0	51
	299	1	0	0	300

SR-073

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	11	38	0	0	49
10 to 19	7	67	0	0	74
20 to 29	46	27	0	0	73
30 to 39	71	9	0	0	80
40 to 40	7	2	1	0	10
	142	143	1	0	286

SR-074

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 5	29	48	1	0	78
	29	48	1	0	78

Culvert Material by Route ID and Reference Post (All Culverts)

Total Culverts: 46953

SR-075

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 2	4	1	0	0	5
	4	1	0	0	5

SR-076

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 2	20	0	0	0	20
	20	0	0	0	20

SR-077

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	49	33	8	0	90
	49	33	8	0	90

SR-078

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	26	2	0	0	28
	26	2	0	0	28

SR-079

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 4	37	27	3	0	67
	37	27	3	0	67

SR-080

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	223	206	25	1	455
10 to 19	2	4	0	0	6
20 to 29	0	2	0	0	2
30 to 39	0	9	0	0	9
40 to 49	11	6	0	0	17
50 to 59	19	20	0	0	39
60 to 69	10	58	6	0	74
70 to 79	20	6	2	0	28
80 to 89	13	9	7	0	29
90 to 99	19	0	21	0	40
100 to 109	33	7	24	0	64
110 to 119	35	10	62	0	107
120 to 129	32	124	23	0	179
130 to 139	27	59	75	0	161
140 to 149	60	72	15	0	147
150 to 159	60	19	0	0	79
160 to 169	61	25	2	0	88
170 to 179	48	75	0	0	123
180 to 189	41	78	0	0	119

Culvert Material by Route ID and Reference Post (All Culverts)

Total Culverts: 46953

190 to 194	21	27	0	0	48
	735	816	262	1	1814

SR-081

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 2	10	8	0	0	18
	10	8	0	0	18

SR-082

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 3	21	20	2	0	43
	21	20	2	0	43

SR-083

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	29	1	0	0	30
10 to 19	51	3	0	0	54
20 to 29	50	42	2	0	94
30 to 31	6	3	0	0	9
	136	49	2	0	187

SR-084

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	105	22	0	0	127
10 to 19	106	2	2	0	110
20 to 29	1	4	0	0	5
30 to 39	82	29	0	0	111
40 to 49	34	22	0	0	56
50 to 59	59	25	10	0	94
60 to 69	43	50	9	0	102
70 to 79	84	49	18	0	151
80 to 82	4	31	0	0	35
	518	234	39	0	791

SR-086

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 0	1	6	0	0	7
	1	6	0	0	7

SR-087

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	60	0	0	0	60
10 to 19	73	0	0	0	73
20 to 29	63	3	1	0	67
30 to 37	40	2	0	0	42

Culvert Material by Route ID and Reference Post (All Culverts)

Total Culverts: 46953

	236	5	1	0	242

SR-088

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	62	2	0	0	64
10 to 16	35	3	0	0	38
	97	5	0	0	102

SR-089

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	78	10	1	0	89
10 to 19	47	0	0	0	47
20 to 29	70	0	1	0	71
30 to 39	61	0	0	0	61
40 to 49	90	0	0	0	90
50 to 59	78	0	0	0	78
60 to 69	79	0	0	0	79
70 to 79	79	0	2	0	81
80 to 89	94	5	0	0	99
90 to 99	112	0	0	0	112
100 to 109	83	2	0	0	85
110 to 119	105	2	0	0	107
120 to 129	81	4	0	1	86
130 to 139	98	3	0	1	102
140 to 149	65	4	0	0	69
150 to 159	95	4	0	0	99
160 to 169	70	1	0	0	71
170 to 179	97	0	0	0	97
180 to 189	67	5	1	0	73
190 to 199	78	4	0	1	83
200 to 209	76	5	0	2	83
210 to 219	104	2	0	0	106
220 to 229	71	36	0	0	107
230 to 239	111	7	0	0	118
240 to 249	119	10	0	0	129
250 to 259	80	14	0	1	95
260 to 269	108	5	0	0	113
270 to 279	85	4	1	0	90
280 to 289	48	54	4	0	106
290 to 299	135	289	3	0	427
300 to 309	44	46	2	0	92
310 to 319	2	160	0	0	162
320 to 329	3	255	0	0	258
330 to 339	32	44	0	0	76
340 to 349	25	21	2	0	48
350 to 359	44	115	8	0	167
360 to 369	60	42	1	0	103
370 to 379	54	48	2	0	104
380 to 383	37	0	0	0	37
	2865	1201	28	6	4100

Culvert Material by Route ID and Reference Post (All Culverts)

Total Culverts: 46953

SR-090

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 1	11	4	0	0	15
	11	4	0	0	15

SR-091

Mileposts:	Metal	Concrete	Plastic	Other	Total:
1 to 9	121	20	7	0	148
10 to 19	115	27	5	0	147
20 to 29	68	85	1	0	154
30 to 39	25	154	0	0	179
40 to 44	8	58	0	0	66
	337	344	13	0	694

SR-092

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	70	10	9	0	89
10 to 19	24	7	1	0	32
20 to 24	14	2	0	0	16
	108	19	10	0	137

SR-093

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 0	0	11	0	0	11
	0	11	0	0	11

SR-094

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 0	13	0	0	0	13
	13	0	0	0	13

SR-095

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	41	4	0	2	47
10 to 19	28	5	0	0	33
20 to 29	42	14	0	0	56
30 to 39	39	16	0	1	56
40 to 49	69	3	0	0	72
50 to 59	72	0	0	0	72
60 to 69	64	1	0	0	65
70 to 79	104	0	0	0	104
80 to 89	59	0	0	0	59
90 to 99	76	0	0	0	76
100 to 109	82	0	0	1	83
110 to 119	75	0	0	0	75
120 to 121	9	0	0	0	9

Culvert Material by Route ID and Reference Post (All Culverts)

Total Culverts: 46953

	760	43	0	4	807

SR-096

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	83	0	0	0	83
10 to 19	71	2	0	0	73
20 to 22	19	0	0	0	19
	173	2	0	0	175

SR-099

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 4	19	4	0	0	23
	19	4	0	0	23

SR-100

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	30	4	0	0	34
10 to 16	23	0	0	0	23
	53	4	0	0	57

SR-101

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	44	74	4	0	122
10 to 19	46	1	0	0	47
20 to 21	15	1	0	0	16
	105	76	4	0	185

SR-102

Mileposts:	Metal	Concrete	Plastic	Other	Total:
1 to 9	38	13	0	0	51
10 to 19	60	32	1	0	93
20 to 20	1	0	0	0	1
	99	45	1	0	145

SR-104

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 2	13	5	0	0	18
	13	5	0	0	18

SR-105

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 0	2	7	0	0	9
	2	7	0	0	9

Culvert Material by Route ID and Reference Post (All Culverts)

Total Culverts: 46953

SR-106

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	93	34	3	0	130
10 to 10	5	4	0	0	9
	98	38	3	0	139

SR-108

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	34	60	3	0	97
10 to 12	3	15	0	0	18
	37	75	3	0	115

SR-109

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 2	34	15	0	0	49
	34	15	0	0	49

SR-111

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	59	16	3	0	78
10 to 10	3	3	0	0	6
	62	19	3	0	84

SR-112

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 8	25	11	0	0	36
	25	11	0	0	36

SR-113

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 7	76	7	7	0	90
	76	7	7	0	90

SR-114

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	57	186	1	0	244
10 to 10	5	1	0	0	6
	62	187	1	0	250

SR-115

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 8	57	58	4	0	119

Culvert Material by Route ID and Reference Post (All Culverts)

Total Culverts: 46953

	57	58	4	0	119

SR-116

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 6	45	34	0	0	79
	45	34	0	0	79

SR-117

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	93	6	1	0	100
10 to 12	13	2	1	0	16
	106	8	2	0	116

SR-118

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	78	27	0	0	105
10 to 19	99	24	0	0	123
20 to 24	24	18	1	0	43
	201	69	1	0	271

SR-119

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 8	65	5	0	0	70
	65	5	0	0	70

SR-120

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 3	88	6	0	0	94
	88	6	0	0	94

SR-121

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	93	8	0	0	101
10 to 19	77	1	0	0	78
20 to 29	51	1	0	0	52
30 to 39	89	3	1	0	93
40 to 40	3	0	0	0	3
	313	13	1	0	327

SR-122

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 8	12	0	0	0	12
	12	0	0	0	12

Culvert Material by Route ID and Reference Post (All Culverts)

Total Culverts: 46953

SR-123

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	37	0	0	0	37
10 to 10	2	1	0	0	3
	39	1	0	0	40

SR-124

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 7	65	8	0	0	73
	65	8	0	0	73

SR-125

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	8	2	0	0	10
10 to 19	72	5	1	0	78
20 to 21	5	1	0	0	6
	85	8	1	0	94

SR-126

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	31	50	1	0	82
10 to 19	8	84	15	0	107
20 to 21	4	1	0	0	5
	43	135	16	0	194

SR-127

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 2	5	13	3	0	21
	5	13	3	0	21

SR-128

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	94	0	0	0	94
10 to 19	73	0	0	0	73
20 to 29	52	0	0	0	52
30 to 39	50	0	0	0	50
40 to 43	22	0	0	0	22
	291	0	0	0	291

SR-130

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	80	5	6	0	91
10 to 19	19	0	1	0	20
20 to 29	6	0	0	0	6
30 to 39	29	0	0	0	29

Culvert Material by Route ID and Reference Post (All Culverts)

Total Culverts: 46953

40 to 42	14	2	0	0	16
	148	7	7	0	162

SR-131

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 0	4	7	0	0	11
	4	7	0	0	11

SR-132

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	31	4	3	0	38
10 to 19	61	1	2	0	64
20 to 29	42	0	0	0	42
30 to 39	60	27	1	0	88
40 to 49	79	2	0	0	81
50 to 59	82	27	1	0	110
60 to 63	24	11	0	0	35
	379	72	7	0	458

SR-133

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 7	23	5	0	0	28
	23	5	0	0	28

SR-134

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	66	91	0	0	157
10 to 12	7	12	0	0	19
	73	103	0	0	176

SR-136

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 3	0	0	26	0	26
	0	0	26	0	26

SR-137

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	70	2	0	1	73
10 to 11	7	0	0	0	7
	77	2	0	1	80

SR-138

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	57	13	0	0	70
10 to 19	28	54	2	0	84

Culvert Material by Route ID and Reference Post (All Culverts)

Total Culverts: 46953

20 to 20	0	1	0	0	1
	85	68	2	0	155

SR-139

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 1	5	0	1	0	6
	5	0	1	0	6

SR-140

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 1	3	3	0	0	6
	3	3	0	0	6

SR-141

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 6	20	19	0	0	39
	20	19	0	0	39

SR-142

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	55	12	7	0	74
10 to 16	44	5	0	0	49
	99	17	7	0	123

SR-143

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	37	0	2	0	39
10 to 19	61	0	0	0	61
20 to 29	60	2	0	0	62
30 to 39	75	0	0	0	75
40 to 49	38	0	0	0	38
50 to 50	7	0	0	0	7
	278	2	2	0	282

SR-144

Mileposts:	Metal	Concrete	Plastic	Other	Total:
1 to 2	7	0	0	0	7
	7	0	0	0	7

SR-145

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 0	5	0	3	0	8
	5	0	3	0	8

Culvert Material by Route ID and Reference Post (All Culverts)

Total Culverts: 46953

SR-146

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 3	26	20	0	0	46
	26	20	0	0	46

SR-147

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	63	72	7	0	142
10 to 19	126	63	6	0	195
20 to 21	4	2	0	0	6
	193	137	13	0	343

SR-148

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 2	21	1	0	0	22
	21	1	0	0	22

SR-149

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 4	29	0	0	0	29
	29	0	0	0	29

SR-150

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	85	7	0	0	92
10 to 19	63	0	0	2	65
20 to 29	88	0	0	0	88
30 to 39	110	0	0	0	110
40 to 49	64	0	0	0	64
50 to 54	6	0	0	0	6
	416	7	0	2	425

SR-151

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 2	1	18	0	0	19
	1	18	0	0	19

SR-152

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 2	2	30	0	0	32
	2	30	0	0	32

Culvert Material by Route ID and Reference Post (All Culverts)

Total Culverts: 46953

SR-153

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	36	4	2	0	42
10 to 19	75	0	5	0	80
20 to 29	17	0	0	0	17
30 to 39	40	0	0	1	41
40 to 40	5	1	0	0	6
	173	5	7	1	186

SR-154

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	11	217	3	0	231
10 to 19	0	355	0	0	355
20 to 23	28	23	18	0	69
	39	595	21	0	655

SR-155

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	66	5	1	0	72
10 to 10	3	1	0	0	4
	69	6	1	0	76

SR-156

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 1	22	26	0	0	48
	22	26	0	0	48

SR-157

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 4	12	6	3	0	21
	12	6	3	0	21

SR-158

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	51	33	3	1	88
10 to 11	8	1	0	0	9
	59	34	3	1	97

SR-159

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 8	9	0	0	0	9
	9	0	0	0	9

Culvert Material by Route ID and Reference Post (All Culverts)

Total Culverts: 46953

SR-160

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 3	28	3	5	0	36
	28	3	5	0	36

SR-161

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 2	15	0	0	0	15
	15	0	0	0	15

SR-163

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	33	0	0	0	33
10 to 19	55	0	0	0	55
20 to 29	66	1	0	0	67
30 to 39	37	0	0	0	37
40 to 49	42	0	0	0	42
50 to 55	30	0	0	0	30
	263	1	0	0	264

SR-164

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 2	10	2	0	0	12
	10	2	0	0	12

SR-165

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	57	25	0	0	82
10 to 10	8	1	0	0	9
	65	26	0	0	91

SR-167

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	79	4	35	0	118
10 to 11	12	1	3	0	16
	91	5	38	0	134

SR-168

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 1	8	6	0	0	14
	8	6	0	0	14

Culvert Material by Route ID and Reference Post (All Culverts)

Total Culverts: 46953

SR-171

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	22	207	0	0	229
10 to 15	1	143	0	0	144
	23	350	0	0	373

SR-172

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	16	11	2	0	29
	16	11	2	0	29

SR-173

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	0	122	0	0	122
	0	122	0	0	122

SR-174

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 7	8	0	0	0	8
	8	0	0	0	8

SR-180

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 0	12	1	1	0	14
	12	1	1	0	14

SR-181

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 6	2	267	0	0	269
	2	267	0	0	269

SR-184

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 1	2	23	0	0	25
	2	23	0	0	25

SR-186

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	8	95	12	0	115
10 to 12	0	10	0	0	10
	8	105	12	0	125

Culvert Material by Route ID and Reference Post (All Culverts)

Total Culverts: 46953

SR-189

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	42	68	1	0	111
10 to 19	89	4	11	0	104
20 to 29	66	4	0	0	70
	197	76	12	0	285

SR-190

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	46	49	0	0	95
10 to 16	38	3	0	0	41
	84	52	0	0	136

SR-191

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	25	0	0	0	25
10 to 19	33	0	0	0	33
20 to 29	35	3	0	0	38
30 to 39	49	0	0	0	49
40 to 49	9	0	54	5	68
50 to 59	30	0	32	0	62
60 to 69	43	0	0	1	44
70 to 79	64	5	0	0	69
80 to 89	48	0	0	0	48
90 to 99	34	0	0	0	34
100 to 109	51	3	0	0	54
110 to 119	46	1	0	1	48
120 to 129	95	0	0	1	96
130 to 139	62	2	0	0	64
140 to 149	56	0	0	0	56
150 to 159	59	0	0	0	59
160 to 169	73	1	0	0	74
170 to 179	68	0	0	0	68
180 to 189	61	0	0	0	61
190 to 199	66	0	0	0	66
200 to 209	59	0	1	0	60
210 to 219	84	0	0	0	84
220 to 229	56	0	0	0	56
230 to 239	67	0	0	0	67
240 to 249	44	0	0	0	44
250 to 252	21	0	0	0	21
	1338	15	87	8	1448

SR-193

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 5	1	88	1	0	90
	1	88	1	0	90

Culvert Material by Route ID and Reference Post (All Culverts)

Total Culverts: 46953

SR-195

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 2	2	23	0	0	25
	2	23	0	0	25

SR-196

Mileposts:	Metal	Concrete	Plastic	Other	Total:
5 to 9	2	5	0	0	7
10 to 19	2	27	0	0	29
20 to 29	2	47	0	0	49
30 to 36	1	15	0	0	16
	7	94	0	0	101

SR-197

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 0	3	7	3	0	13
	3	7	3	0	13

SR-198

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	48	47	1	0	96
10 to 15	24	44	1	0	69
	72	91	2	0	165

SR-199

Mileposts:	Metal	Concrete	Plastic	Other	Total:
3 to 9	13	0	0	1	14
10 to 19	18	0	0	0	18
20 to 21	2	1	0	0	3
	33	1	0	1	35

SR-200

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 1	7	2	0	0	9
	7	2	0	0	9

SR-201

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	55	71	5	0	131
10 to 18	13	46	21	0	80
	68	117	26	0	211

Culvert Material by Route ID and Reference Post (All Culverts)

Total Culverts: 46953

SR-202

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 1	0	1	10	0	11
	0	1	10	0	11

SR-203

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 6	11	63	0	0	74
	11	63	0	0	74

SR-204

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 5	8	49	4	0	61
	8	49	4	0	61

SR-208

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	88	0	0	0	88
10 to 10	2	0	0	0	2
	90	0	0	0	90

SR-209

Mileposts:	Metal	Concrete	Plastic	Other	Total:
5 to 13	3	124	0	0	127
10 to 13	2	20	0	0	22
	5	144	0	0	149

SR-210

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	32	15	0	0	47
10 to 13	16	1	0	0	17
	48	16	0	0	64

SR-211

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	66	0	0	0	66
10 to 18	39	0	0	0	39
	105	0	0	0	105

SR-212

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 1	10	0	1	0	11

Culvert Material by Route ID and Reference Post (All Culverts)

Total Culverts: 46953

	10	0	1	0	11

SR-215

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	67	363	13	0	443
10 to 19	4	71	10	0	85
20 to 28	32	23	106	0	161
	103	457	129	0	689

SR-218

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 8	18	30	5	0	53
	18	30	5	0	53

SR-219

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 1	8	1	0	0	9
	8	1	0	0	9

SR-224

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	99	15	6	0	120
10 to 14	89	4	1	0	94
	188	19	7	0	214

SR-225

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 0	2	0	0	0	2
	2	0	0	0	2

SR-226

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 7	60	4	0	0	64
	60	4	0	0	64

SR-227

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 0	2	2	0	0	4
	2	2	0	0	4

SR-228

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 1	10	0	0	0	10

Culvert Material by Route ID and Reference Post (All Culverts)

Total Culverts: 46953

	10	0	0	0	10

SR-232

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 2	11	31	0	0	42
	11	31	0	0	42

SR-235

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 4	29	16	0	0	45
	29	16	0	0	45

SR-237

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 4	26	7	0	0	33
	26	7	0	0	33

SR-238

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 4	82	110	7	0	199
	82	110	7	0	199

SR-240

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 1	2	5	0	0	7
	2	5	0	0	7

SR-241

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 0	3	2	0	0	5
	3	2	0	0	5

SR-244

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 0	3	1	0	0	4
	3	1	0	0	4

SR-248

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	96	11	3	0	110
10 to 14	59	1	4	0	64
	155	12	7	0	174

Culvert Material by Route ID and Reference Post (All Culverts)

Total Culverts: 46953

SR-256

Mileposts:	Metal	Concrete	Plastic	Other	Total:
1 to 5	13	4	1	0	18
	13	4	1	0	18

SR-257

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	15	1	0	0	16
10 to 19	6	0	0	0	6
20 to 29	1	33	0	0	34
30 to 39	17	9	0	0	26
40 to 49	6	0	0	0	6
50 to 59	6	0	0	0	6
60 to 69	17	1	0	0	18
	68	44	0	0	112

SR-258

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 2	39	0	0	0	39
	39	0	0	0	39

SR-259

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 0	4	0	0	0	4
	4	0	0	0	4

SR-260

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 4	22	5	0	0	27
	22	5	0	0	27

SR-261

Mileposts:	Metal	Concrete	Plastic	Other	Total:
1 to 9	16	0	0	0	16
10 to 19	24	0	0	0	24
20 to 29	24	0	0	0	24
30 to 32	6	0	0	0	6
	70	0	0	0	70

SR-262

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	48	0	0	0	48
10 to 19	34	0	0	0	34
20 to 29	64	0	0	0	64
30 to 39	69	0	0	0	69

Culvert Material by Route ID and Reference Post (All Culverts)

Total Culverts: 46953

40 to 40	2	0	0	0	2
	217	0	0	0	217

SR-265

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 4	34	5	0	0	39
	34	5	0	0	39

SR-266

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 8	12	151	0	0	163
	12	151	0	0	163

SR-268

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 0	0	4	3	0	7
	0	4	3	0	7

SR-269

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 2	93	23	0	0	116
	93	23	0	0	116

SR-270

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 1	6	31	5	0	42
	6	31	5	0	42

SR-271

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 5	46	0	4	0	50
	46	0	4	0	50

SR-272

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 0	1	13	0	0	14
	1	13	0	0	14

SR-273

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 2	11	31	0	0	42
	11	31	0	0	42

Culvert Material by Route ID and Reference Post (All Culverts)

Total Culverts: 46953

SR-274

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 1	21	1	1	0	23
	21	1	1	0	23

SR-275

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 3	31	0	0	0	31
	31	0	0	0	31

SR-276

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	44	8	0	0	52
10 to 19	49	9	0	0	58
20 to 29	35	11	0	0	46
30 to 39	25	2	0	0	27
40 to 49	44	0	0	0	44
50 to 59	52	0	0	0	52
60 to 69	44	0	0	0	44
70 to 71	8	0	0	0	8
	301	30	0	0	331

SR-279

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	63	0	0	0	63
10 to 14	29	0	0	0	29
	92	0	0	0	92

SR-280

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 0	3	4	0	0	7
	3	4	0	0	7

SR-282

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 2	0	76	0	0	76
	0	76	0	0	76

SR-283

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 1	7	5	0	0	12
	7	5	0	0	12

Culvert Material by Route ID and Reference Post (All Culverts)

Total Culverts: 46953

SR-284

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 1	0	28	2	0	30
	0	28	2	0	30

SR-285

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 0	0	6	0	0	6
	0	6	0	0	6

SR-286

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 1	2	2	0	0	4
	2	2	0	0	4

SR-287

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 0	0	3	0	0	3
	0	3	0	0	3

SR-288

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 0	7	16	0	0	23
	7	16	0	0	23

SR-289

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 1	46	0	0	0	46
	46	0	0	0	46

SR-290

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 0	6	0	0	0	6
	6	0	0	0	6

SR-291

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 0	0	7	0	0	7
	0	7	0	0	7

SR-294

Mileposts:	Metal	Concrete	Plastic	Other	Total:

Culvert Material by Route ID and Reference Post (All Culverts)

Total Culverts: 46953

0 to 0	0	1	0	0	1
	0	1	0	0	1

SR-296

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 0	0	4	0	0	4
	0	4	0	0	4

SR-301

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 2	26	1	0	0	27
	26	1	0	0	27

SR-302

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 3	47	3	0	0	50
	47	3	0	0	50

SR-303

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 1	17	0	0	0	17
	17	0	0	0	17

SR-308

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 2	21	0	0	0	21
	21	0	0	0	21

SR-311

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 2	11	0	0	0	11
	11	0	0	0	11

SR-313

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	32	0	0	0	32
10 to 19	64	0	0	0	64
20 to 22	21	0	0	0	21
	117	0	0	0	117

SR-314

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 0	3	0	0	0	3

Culvert Material by Route ID and Reference Post (All Culverts)

Total Culverts: 46953

	3	0	0	0	3

SR-315

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 1	6	0	0	0	6
	6	0	0	0	6

SR-316

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 3	15	0	0	0	15
	15	0	0	0	15

SR-318

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 2	12	0	0	0	12
	12	0	0	0	12

SR-319

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 1	14	4	4	0	22
	14	4	4	0	22

SR-320

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 2	12	3	0	0	15
	12	3	0	0	15

SR-666

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	73	1	0	0	74
10 to 17	56	1	0	0	57
	129	2	0	0	131

SR-999

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 6	6	1	23	0	30
	6	1	23	0	30

Histogram Barrel Count (24" to 60" Span)

Total Culverts: 29568

Barrel Count	Metal	Concrete	Plastic	Other	Total:
0	1713	446	8		2167
1	19890	2817	357	2	23066
2	1072	1781	54		2907
3	457	525	29		1011
4	98	169			267
5	16	24			40
6	14	12	1		27
7	9	12			21
8	3	5			8
9	1	3			4
10	3				3
11	2	1			3
12	3	3			6
13		1			1
14	3	3			6
15		2			2
16	1				1
18		5			5
19		2			2
20		2			2
21	1	1			2
26		1			1
33	1	1			2
37		3			3
42		1			1
46	1				1
52		1			1
55		1			1
58		1			1
64		1			1
65		1			1
84		1			1
86		1			1
91		1			1
99		1			1
	23288	5829	449	2	29568

Histogram Barrel Lengths (24" to 60" Span)

Total Culverts: 29568

Barrel Length (ft)	Metal	Concrete	Plastic	Other	Total:
1 to 100	15911	3020	193	2	19126
101 to 200	4974	1138	176		6288
201 to 300	1313	719	42		2074
301 to 400	549	396	23		968
401 to 500	145	181	7		333
501 to 600	67	66	4		137
601 to 700	40	52	1		93
701 to 800	21	21			42
801 to 900	9	24			33
901 to 1,000	10	18			28
1,001 to 2,000	28	65	1		94
2,001 to 3,000	7	17	1		25
3,001 to 4,000	3	6			9
4,001 to 5,000	1	8			9
5,001 to 6,000	1	3			4
6,001 to 7,000		1			1
8,001 to 9,000	1				1
9,001 to 10,000		1			1
10,001 to 20,000	2	6			8
20,001 to 30,000	1				1
50,001 to 60,000		1			1
NA	205	86	1		292
	23288	5829	449	2	29568

Histogram Culvert Cross (24" to 60" Span)

Total Culverts: 29568

Culvert Cross	Metal	Concrete	Plastic	Other	Total:
Cross Drain	468	209	44	1	722
Divided Highway Both	1905	535	14		2454
Divided Highway Opposite	965	144	85		1194
Divided Highway Primary	1491	334	29		1854
Lateral Drain	2427	2823	183		5433
Undivided Highway	16032	1784	94	1	17911
	23288	5829	449	2	29568

Histogram End Treatments (24" to 60" Span)

Total Culverts: 29568

Inlet End Treatment	Outlet End Treatment	Metal	Concrete	Plastic	Other	Total:
Energy Dissipator	Energy Dissipator	2494	187	52		2733
Energy Dissipator	Head Wall	15	1			16
Energy Dissipator	None	47				47
Energy Dissipator	Preformed	30		5		35
Head Wall	Energy Dissipator	2	1			3
Head Wall	Head Wall	1077	632	3		1712
Head Wall	None	12	4			16
Head Wall	Preformed	23	1			24
None	Energy Dissipator	42				42
None	Head Wall	211	12			223
None	None	12312	4262	175	2	16751
None	Preformed	591	3	4		598
Preformed	Energy Dissipator	14		4		18
Preformed	Head Wall	43	1	1		45
Preformed	None	11	8			19
Preformed	Preformed	6364	717	205		7286
		23288	5829	449	2	29568

Inlet End Treatment (24" to 60" Span)

Inlet End Treatment	Metal	Concrete	Plastic	Other	Total:
Energy Dissipator	2586	188	57		2831
Head Wall	1114	638	3		1755
None	13156	4277	179	2	17614
Preformed	6432	726	210		7368
	23288	5829	449	2	29568

Outlet End Treatment (24" to 60" Span)

Outlet End Treatment	Metal	Concrete	Plastic	Other	Total:
Energy Dissipator	2552	188	56		2796
Head Wall	1346	646	4		1996
None	12382	4274	175	2	16833
Preformed	7008	721	214		7943
	23288	5829	449	2	29568

Histogram Drop Inlet Count (24" to 60" Span)

Total Culverts: 29568

Drop Inlet Count	Metal	Concrete	Plastic	Other	Total:
0	19520	2009	231	2	21762
1	2777	3085	159		6021
2	791	565	57		1413
3	148	98	1		247
4	25	22			47
5	6	7			13
6	9	8			17
7	3	3			6
8	1	4			5
9		4			4
10	1	6			7
11 to 20	6	9			15
21 to 30	1	5			6
31 to 40		3			3
41 to 50		1			1
51 to 100			1		1
	23288	5829	449	2	29568

Histogram Culvert Install Date (24" to 60" Span)

Total Culverts: 29568

Unknown

Install Date:	Metal:	Concrete:	Plastic:	Total:
0	16221	3959	317	20499
1000	1			1
1633	1			1
1672	1			1
1800		1		1
	16224	3960	317	20503

Pre 1960

Install Date:	Metal:	Concrete:	Plastic:	Total:
1920	11	2		13
1930	28			28
1934	10	3		13
1935	25	29		54
1936	63	43	2	108
1937	43	34		77
1938	43	5		48
1940	2	13		15
1941	27	4	2	33
1942	9	10	2	21
1943	18	51		69
1946	157	23	1	181
1947	98	33		131
1948	196	50	3	249
1949	11	16		27
1950	132	116		248
1951	90	63		153
1952	78			78
1954	103	3	1	107
1955	441	5		446
1956	44			44
1957	73	10	2	85
1958	521	46	1	568
1959	62	1		63
1960	130	19		149
	2415	579	14	3008

1961 - 1970

Install Date:	Metal:	Concrete:	Plastic:	Total:
1961	94	67	2	163
1962	458	55	1	514
1963	187	43	4	234
1964	306	42		348
1965	383	58		441
1966	32	68	2	102

Histogram Culvert Install Date (24" to 60" Span)

Total Culverts: 29568

1967	295	51		346
1968	644	264	15	923
1969	161	2		163
1970	239	37	2	278
	2799	687	26	3512

1971 - 1980

Install Date:	Metal:	Concrete:	Plastic:	Total:
1971	10			10
1972	147	72		219
1973	31	3	1	35
1975	110	7		117
1976	24	1		25
1977	26	1		27
1978	11	21		32
1980	243	109	3	355
	602	214	4	820

1981 - 1990

Install Date:	Metal:	Concrete:	Plastic:	Total:
1981	10	17	1	28
1982	14	103	16	133
1983	56	6	1	63
1984	209	13		222
1985	215	33		248
1986	33	28	6	67
1987	99	4	3	106
1988	10	8		18
1990	65	20	1	86
	711	232	28	971

1991 - 1998

Install Date:	Metal:	Concrete:	Plastic:	Total:
1991	1		4	5
1992	12			12
1993	17	5		22
1994	234	138	2	374
1995	189	12	28	229
1996	61			61
1997	21	2	20	43
1998	2		6	8
	537	157	60	754

Histogram Culvert Material (24" to 60" Span)

Total Culverts: 29568

Material:	Count:
Concrete	3470
Corrugated Steel	22079
NA	1
plastic	449
Reinforced Concrete	2359
Steel Plate	1209
Wood	1

Histogram Culvert Span (24" to 60")

Span (in.):	Metal:	Concrete:	Plastic:	Total:
24	14469	3366	320	18155
25	15		5	20
26	498	235	44	777
27	17	2	23	42
28	114	15	2	131
29	198	1		199
30	2717	429	15	3161
31	3			3
32	224	25		249
33	3	5		8
34	18	1		19
35	6	3		9
36	2694	1338	36	4069
37	1			1
38	19	3	1	23
40	44	18		62
41	2			2
42	306	17		323
43	50			50
44	40	3		43
45	13			13
46	27	1		28
48	1124	237	3	1365
50	33	14		47
51	2			2
52	31	14		45
53	3	2		5
54	111	10		121
55	5			5
56	40	4		44
57	3			3
58	27	3		30
59	1			1
60	430	83		513
	23288	5829	449	29568

Culvert Material by Route ID and Reference Post (24" to 60" Span)

Total Culverts: 29568

SR-006

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	23	0	5	0	28
10 to 19	31	0	0	0	31
20 to 29	32	0	0	0	32
30 to 39	18	0	0	0	18
40 to 49	55	0	0	0	55
50 to 59	68	1	0	0	69
60 to 69	41	0	0	0	41
70 to 79	21	0	0	0	21
80 to 89	23	1	0	0	24
90 to 99	1	0	0	0	1
100 to 109	13	2	0	0	15
110 to 119	35	0	0	0	35
120 to 129	40	2	0	0	42
130 to 139	63	1	0	0	64
140 to 149	27	22	0	0	49
150 to 159	62	16	0	0	78
160 to 169	43	12	0	0	55
170 to 179	93	0	0	0	93
180 to 189	40	2	0	0	42
190 to 199	57	0	1	0	58
200 to 209	44	19	0	0	63
210 to 219	70	1	0	0	71
220 to 229	65	0	0	0	65
230 to 239	31	3	0	0	34
240 to 249	58	0	0	0	58
250 to 259	57	0	0	0	57
260 to 269	51	0	0	0	51
270 to 279	47	1	0	0	48
280 to 288	22	0	0	0	22
	1231	83	6	0	1320

SR-008

Mileposts:	Metal	Concrete	Plastic	Other	Total:
1 to 1	6	1	0	0	7
	6	1	0	0	7

SR-009

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	23	0	0	0	23
10 to 19	49	2	0	0	51
20 to 29	60	0	0	0	60
30 to 39	54	0	0	0	54
40 to 44	25	0	0	0	25
	211	2	0	0	213

Culvert Material by Route ID and Reference Post (24" to 60" Span)

Total Culverts: 29568

SR-010

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	67	0	0	0	67
10 to 19	65	10	0	0	75
20 to 29	45	0	0	0	45
30 to 39	54	1	0	0	55
40 to 49	45	2	0	0	47
50 to 59	44	3	0	0	47
60 to 68	25	0	0	0	25
	345	16	0	0	361

SR-011

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 2	7	0	0	0	7
	7	0	0	0	7

SR-012

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	45	0	0	0	45
10 to 19	48	0	0	0	48
20 to 29	46	1	0	0	47
30 to 39	92	0	0	0	92
40 to 49	31	0	0	0	31
50 to 59	80	0	0	0	80
60 to 69	56	0	0	0	56
70 to 79	46	0	0	0	46
80 to 89	31	0	0	0	31
90 to 99	76	0	0	0	76
100 to 109	108	0	0	0	108
110 to 119	65	0	0	0	65
120 to 121	3	0	0	0	3
	727	1	0	0	728

SR-013

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	1	27	0	0	28
10 to 19	1	26	0	0	27
20 to 29	8	8	0	0	16
30 to 32	1	14	0	0	15
	11	75	0	0	86

SR-014

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	82	0	0	0	82
10 to 19	73	2	0	0	75
20 to 29	18	0	0	0	18
30 to 39	84	0	0	0	84

Culvert Material by Route ID and Reference Post (24" to 60" Span)

Total Culverts: 29568

40 to 40	5	0	0	0	5
	262	2	0	0	264

SR-015

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	362	179	11	0	552
10 to 19	100	0	0	0	100
20 to 29	72	0	0	0	72
30 to 39	49	1	0	0	50
40 to 49	99	0	0	0	99
50 to 59	39	0	0	0	39
60 to 69	59	1	1	0	61
70 to 79	6	0	0	0	6
80 to 89	0	0	0	0	0
90 to 99	47	0	0	0	47
100 to 109	84	0	0	0	84
110 to 119	118	0	0	0	118
120 to 129	62	0	0	0	62
130 to 139	82	0	0	0	82
140 to 149	79	3	0	0	82
150 to 159	100	2	0	0	102
160 to 169	60	4	0	0	64
170 to 179	52	0	0	0	52
180 to 189	38	6	0	0	44
190 to 199	26	5	0	0	31
200 to 209	63	9	0	0	72
210 to 219	109	0	0	0	109
220 to 229	102	1	0	0	103
230 to 239	63	10	0	0	73
240 to 249	29	67	2	0	98
250 to 259	16	38	0	0	54
260 to 269	88	27	7	0	122
270 to 279	66	60	0	0	126
280 to 289	34	48	1	0	83
290 to 299	14	45	0	0	59
300 to 309	16	59	0	0	75
310 to 319	5	70	0	0	75
320 to 329	9	40	0	0	49
330 to 339	2	30	0	0	32
340 to 349	1	90	0	0	91
350 to 359	41	26	0	0	67
360 to 369	85	19	0	0	104
370 to 379	71	12	0	0	83
380 to 389	67	2	0	0	69
390 to 399	69	0	0	0	69
400 to 401	8	0	1	0	9
	2492	854	23	0	3369

SR-017

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 5	11	0	0	0	11

Culvert Material by Route ID and Reference Post (24" to 60" Span)

Total Culverts: 29568

	11	0	0	0	11

SR-018

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	25	1	4	0	30
10 to 19	41	1	0	0	42
20 to 29	30	0	0	0	30
30 to 39	68	0	0	0	68
40 to 49	17	0	0	0	17
	181	2	4	0	187

SR-019

Mileposts:	Metal	Concrete	Plastic	Other	Total:
1 to 4	11	0	0	0	11
	11	0	0	0	11

SR-020

Mileposts:	Metal	Concrete	Plastic	Other	Total:
1 to 9	27	0	0	0	27
10 to 19	50	0	0	0	50
20 to 20	1	0	0	0	1
	78	0	0	0	78

SR-021

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	60	0	0	0	60
10 to 19	48	0	0	0	48
20 to 29	42	0	0	0	42
30 to 39	42	0	0	0	42
40 to 49	44	0	0	0	44
50 to 59	42	0	0	0	42
60 to 69	39	0	0	0	39
70 to 79	21	1	0	0	22
80 to 89	25	3	0	0	28
90 to 99	52	0	0	0	52
100 to 106	36	0	0	0	36
	451	4	0	0	455

SR-022

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 6	8	0	0	0	8
	8	0	0	0	8

SR-023

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	31	1	3	0	35

Culvert Material by Route ID and Reference Post (24" to 60" Span)

Total Culverts: 29568

10 to 19	37	4	0	0	41
20 to 29	13	1	0	0	14
	81	6	3	0	90

SR-024

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	80	0	0	0	80
10 to 19	44	1	0	0	45
20 to 29	16	0	0	0	16
30 to 39	44	0	0	0	44
40 to 49	24	0	0	0	24
50 to 59	26	5	0	0	31
60 to 69	29	2	2	0	33
70 to 79	61	0	0	0	61
80 to 89	74	0	0	0	74
90 to 99	62	0	0	0	62
100 to 109	43	1	0	0	44
110 to 119	46	1	0	0	47
120 to 129	18	0	0	0	18
130 to 139	11	0	0	0	11
140 to 149	4	0	0	0	4
150 to 159	20	1	0	0	21
160 to 160	3	0	0	0	3
	605	11	2	0	618

SR-025

Mileposts:	Metal	Concrete	Plastic	Other	Total:
1 to 9	39	0	0	0	39
10 to 10	1	0	0	0	1
	40	0	0	0	40

SR-026

Mileposts:	Metal	Concrete	Plastic	Other	Total:
1 to 3	1	11	0	0	12
	1	11	0	0	12

SR-028

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	77	2	0	0	79
10 to 19	51	0	0	0	51
20 to 29	52	0	0	0	52
30 to 38	34	6	0	0	40
	214	8	0	0	222

SR-029

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	60	0	0	0	60

Culvert Material by Route ID and Reference Post (24" to 60" Span)

Total Culverts: 29568

10 to 19	91	0	0	0	91
20 to 21	16	0	0	0	16
	167	0	0	0	167

SR-030

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	42	0	0	0	42
10 to 19	79	1	0	0	80
20 to 29	53	1	0	0	54
30 to 39	59	0	0	0	59
40 to 49	59	0	0	0	59
50 to 59	43	1	0	0	44
60 to 69	35	0	0	0	35
70 to 79	28	0	0	0	28
80 to 89	8	0	0	0	8
90 to 99	18	0	0	0	18
100 to 109	11	1	0	0	12
	435	4	0	0	439

SR-031

Mileposts:	Metal	Concrete	Plastic	Other	Total:
18 to 19	10	0	0	0	10
20 to 29	93	0	0	0	93
30 to 39	97	0	0	0	97
40 to 47	50	0	0	0	50
	250	0	0	0	250

SR-032

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	39	0	4	0	43
10 to 19	49	7	0	0	56
20 to 28	41	1	0	0	42
	129	8	4	0	141

SR-034

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 1	3	3	0	0	6
	3	3	0	0	6

SR-035

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	13	0	0	0	13
10 to 19	75	0	0	0	75
20 to 29	81	0	0	0	81
30 to 39	56	0	0	0	56
40 to 49	76	0	0	0	76
50 to 59	78	2	0	0	80

Culvert Material by Route ID and Reference Post (24" to 60" Span)

Total Culverts: 29568

60 to 61	3	0	0	0	3
	382	2	0	0	384

SR-036

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	47	0	0	0	47
10 to 19	44	0	0	0	44
20 to 29	38	0	0	0	38
30 to 39	28	0	0	0	28
40 to 49	31	5	0	0	36
50 to 59	12	7	0	0	19
60 to 67	21	4	0	0	25
	221	16	0	0	237

SR-037

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	3	9	0	0	12
10 to 12	6	8	1	0	15
	9	17	1	0	27

SR-038

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	4	1	0	0	5
10 to 18	2	0	0	0	2
	6	1	0	0	7

SR-039

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	12	21	0	0	33
10 to 19	59	10	0	0	69
20 to 29	22	9	0	0	31
30 to 39	71	0	0	0	71
40 to 43	28	0	0	0	28
	192	40	0	0	232

SR-040

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	70	1	1	0	72
10 to 19	48	6	0	0	54
20 to 29	23	0	0	0	23
30 to 39	48	0	0	0	48
40 to 49	49	0	0	0	49
50 to 59	64	1	0	0	65
60 to 69	52	0	0	0	52
70 to 79	56	0	0	0	56
80 to 89	51	0	0	0	51
90 to 99	59	0	0	0	59

Culvert Material by Route ID and Reference Post (24" to 60" Span)

Total Culverts: 29568

100 to 109	44	0	0	0	44
110 to 119	16	3	0	0	19
120 to 129	42	1	0	0	43
130 to 139	54	0	0	0	54
140 to 149	24	0	0	0	24
150 to 159	41	0	0	0	41
160 to 169	49	0	0	0	49
170 to 174	18	0	0	0	18
	808	12	1	0	821

SR-041

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 4	38	6	1	0	45
	38	6	1	0	45

SR-042

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 7	39	2	0	0	41
	39	2	0	0	41

SR-043

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	50	0	0	0	50
10 to 10	8	0	0	0	8
	58	0	0	0	58

SR-044

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	72	0	0	0	72
10 to 19	68	0	0	0	68
20 to 27	58	1	0	0	59
	198	1	0	0	199

SR-045

Mileposts:	Metal	Concrete	Plastic	Other	Total:
1 to 9	41	0	0	0	41
10 to 19	43	1	0	0	44
20 to 29	44	0	0	0	44
30 to 39	62	0	0	0	62
	190	1	0	0	191

SR-046

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	58	0	0	0	58
10 to 19	65	0	0	0	65
20 to 21	19	0	0	0	19

Culvert Material by Route ID and Reference Post (24" to 60" Span)

Total Culverts: 29568

	142	0	0	0	142

SR-048

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	3	36	1	0	40
10 to 13	0	83	0	0	83
	3	119	1	0	123

SR-050

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	34	1	6	0	41
10 to 19	28	1	0	0	29
20 to 29	21	0	0	0	21
30 to 39	0	0	0	0	0
40 to 49	2	0	0	0	2
50 to 58	33	0	0	0	33
	118	2	6	0	126

SR-051

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 3	16	2	0	0	18
	16	2	0	0	18

SR-052

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 4	23	17	20	0	60
	23	17	20	0	60

SR-053

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 1	0	3	0	0	3
	0	3	0	0	3

SR-054

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 1	20	1	0	0	21
	20	1	0	0	21

SR-055

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 2	8	9	0	0	17
	8	9	0	0	17

Culvert Material by Route ID and Reference Post (24" to 60" Span)

Total Culverts: 29568

SR-056

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	56	0	0	0	56
10 to 19	16	0	0	0	16
20 to 29	22	0	0	0	22
30 to 39	59	1	0	0	60
40 to 49	44	0	0	0	44
50 to 59	10	0	0	0	10
60 to 61	2	0	0	0	2
	209	1	0	0	210

SR-057

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	52	0	0	0	52
10 to 10	3	0	0	0	3
	55	0	0	0	55

SR-058

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 1	1	4	0	0	5
	1	4	0	0	5

SR-059

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	43	0	0	0	43
10 to 19	71	0	0	0	71
20 to 21	6	0	0	0	6
	120	0	0	0	120

SR-060

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 6	18	12	0	0	30
	18	12	0	0	30

SR-061

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 6	14	0	0	0	14
	14	0	0	0	14

SR-062

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	37	2	0	0	39
10 to 19	38	0	0	0	38
20 to 29	48	0	0	0	48
30 to 39	48	0	0	0	48

Culvert Material by Route ID and Reference Post (24" to 60" Span)

Total Culverts: 29568

40 to 42	14	0	0	0	14
	185	2	0	0	187

SR-063

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 2	6	1	0	0	7
	6	1	0	0	7

SR-064

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 1	11	0	0	0	11
	11	0	0	0	11

SR-065

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	15	16	8	0	39
10 to 19	33	1	0	0	34
20 to 27	43	2	0	0	45
	91	19	8	0	118

SR-066

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	16	1	0	0	17
10 to 14	4	8	0	0	12
	20	9	0	0	29

SR-068

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	8	28	0	0	36
10 to 19	5	28	0	0	33
20 to 29	7	7	0	0	14
30 to 39	11	27	0	0	38
40 to 49	0	52	0	0	52
50 to 59	0	62	0	0	62
60 to 69	8	38	0	0	46
	39	242	0	0	281

SR-070

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	231	7	39	0	277
10 to 19	90	0	0	0	90
20 to 29	96	2	1	0	99
30 to 39	94	3	1	0	98
40 to 49	101	7	0	0	108
50 to 59	84	0	0	0	84
60 to 69	72	0	0	0	72

Culvert Material by Route ID and Reference Post (24" to 60" Span)

Total Culverts: 29568

70 to 79	109	0	0	0	109
80 to 89	86	0	0	0	86
90 to 99	64	0	14	0	78
100 to 109	46	0	13	0	59
110 to 119	47	0	33	0	80
120 to 129	62	0	12	0	74
130 to 139	62	0	1	0	63
140 to 149	55	1	0	0	56
150 to 159	29	0	1	0	30
160 to 169	68	0	0	0	68
170 to 179	73	0	0	0	73
180 to 189	45	0	0	0	45
190 to 199	37	0	2	0	39
200 to 209	69	0	0	0	69
210 to 219	50	1	0	0	51
220 to 229	60	0	1	0	61
230 to 232	22	0	0	0	22
	1752	21	118	0	1891

SR-071

Mileposts:	Metal	Concrete	Plastic	Other	Total:
7 to 9	0	54	0	0	54
10 to 19	0	77	0	0	77
	0	131	0	0	131

SR-072

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	36	0	0	0	36
10 to 19	84	0	0	0	84
20 to 29	99	0	0	0	99
30 to 35	50	0	0	0	50
	269	0	0	0	269

SR-073

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	5	33	0	0	38
10 to 19	6	67	0	0	73
20 to 29	44	26	0	0	70
30 to 39	39	2	0	0	41
40 to 40	5	1	1	0	7
	99	129	1	0	229

SR-074

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 5	24	36	1	0	61
	24	36	1	0	61

Culvert Material by Route ID and Reference Post (24" to 60" Span)

Total Culverts: 29568

SR-075

Mileposts:	Metal	Concrete	Plastic	Other	Total:
1 to 2	2	1	0	0	3
	2	1	0	0	3

SR-076

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 2	20	0	0	0	20
	20	0	0	0	20

SR-077

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	47	30	8	0	85
	47	30	8	0	85

SR-078

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 8	19	0	0	0	19
	19	0	0	0	19

SR-079

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 4	1	6	0	0	7
	1	6	0	0	7

SR-080

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	90	98	3	1	192
10 to 19	2	4	0	0	6
20 to 29	0	2	0	0	2
30 to 39	0	9	0	0	9
40 to 49	11	6	0	0	17
50 to 59	17	17	0	0	34
60 to 69	6	51	0	0	57
70 to 79	14	6	0	0	20
80 to 89	0	3	0	0	3
90 to 99	14	0	15	0	29
100 to 109	24	6	15	0	45
110 to 119	28	10	6	0	44
120 to 129	29	115	2	0	146
130 to 139	26	59	33	0	118
140 to 149	60	67	11	0	138
150 to 159	42	17	0	0	59
160 to 169	45	20	0	0	65
170 to 179	36	55	0	0	91
180 to 189	34	27	0	0	61

Culvert Material by Route ID and Reference Post (24" to 60" Span)

Total Culverts: 29568

190 to 194	14	5	0	0	19
	492	577	85	1	1155

SR-081

Mileposts:	Metal	Concrete	Plastic	Other	Total:
1 to 2	1	3	0	0	4
	1	3	0	0	4

SR-082

Mileposts:	Metal	Concrete	Plastic	Other	Total:
1 to 3	2	1	0	0	3
	2	1	0	0	3

SR-083

Mileposts:	Metal	Concrete	Plastic	Other	Total:
2 to 9	8	0	0	0	8
10 to 19	33	1	0	0	34
20 to 29	37	37	0	0	74
30 to 30	1	3	0	0	4
	79	41	0	0	120

SR-084

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	76	14	0	0	90
10 to 19	71	0	0	0	71
20 to 29	1	4	0	0	5
30 to 39	79	27	0	0	106
40 to 49	24	19	0	0	43
50 to 59	19	14	0	0	33
60 to 69	15	48	0	0	63
70 to 79	66	46	0	0	112
80 to 82	0	25	0	0	25
	351	197	0	0	548

SR-086

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 0	1	6	0	0	7
	1	6	0	0	7

SR-087

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	39	0	0	0	39
10 to 19	56	0	0	0	56
20 to 29	31	0	0	0	31
30 to 37	26	0	0	0	26

Culvert Material by Route ID and Reference Post (24" to 60" Span)

Total Culverts: 29568

	152	0	0	0	152

SR-088

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	45	0	0	0	45
10 to 16	24	3	0	0	27
	69	3	0	0	72

SR-089

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	46	8	0	0	54
10 to 19	43	0	0	0	43
20 to 29	59	0	0	0	59
30 to 39	54	0	0	0	54
40 to 49	84	0	0	0	84
50 to 59	69	0	0	0	69
60 to 69	35	0	0	0	35
70 to 79	40	0	1	0	41
80 to 89	76	1	0	0	77
90 to 99	89	0	0	0	89
100 to 109	42	0	0	0	42
110 to 119	74	1	0	0	75
120 to 129	56	2	0	0	58
130 to 139	43	1	0	0	44
140 to 149	34	2	0	0	36
150 to 159	34	3	0	0	37
160 to 169	58	0	0	0	58
170 to 179	77	0	0	0	77
180 to 189	48	1	0	0	49
190 to 199	39	0	0	0	39
200 to 209	65	1	0	1	67
210 to 219	76	2	0	0	78
220 to 229	53	21	0	0	74
230 to 239	95	4	0	0	99
240 to 249	60	4	0	0	64
250 to 259	37	6	0	0	43
260 to 269	73	1	0	0	74
270 to 279	79	0	1	0	80
280 to 289	39	41	4	0	84
290 to 299	101	127	3	0	231
300 to 309	29	39	2	0	70
310 to 319	2	46	0	0	48
320 to 329	0	84	0	0	84
330 to 339	12	19	0	0	31
340 to 349	8	11	0	0	19
350 to 359	13	19	2	0	34
360 to 369	15	12	0	0	27
370 to 379	20	9	0	0	29
380 to 383	22	0	0	0	22
	1899	465	13	1	2378

Culvert Material by Route ID and Reference Post (24" to 60" Span)

Total Culverts: 29568

SR-091

Mileposts:	Metal	Concrete	Plastic	Other	Total:
1 to 9	83	19	0	0	102
10 to 19	37	9	0	0	46
20 to 29	16	39	0	0	55
30 to 39	9	30	0	0	39
40 to 43	1	6	0	0	7
	146	103	0	0	249

SR-092

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	61	5	5	0	71
10 to 19	18	0	1	0	19
20 to 24	5	0	0	0	5
	84	5	6	0	95

SR-093

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 0	0	8	0	0	8
	0	8	0	0	8

SR-094

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 0	8	0	0	0	8
	8	0	0	0	8

SR-095

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	38	0	0	0	38
10 to 19	25	0	0	0	25
20 to 29	40	6	0	0	46
30 to 39	37	2	0	0	39
40 to 49	65	2	0	0	67
50 to 59	67	0	0	0	67
60 to 69	56	0	0	0	56
70 to 79	100	0	0	0	100
80 to 89	57	0	0	0	57
90 to 99	71	0	0	0	71
100 to 109	74	0	0	0	74
110 to 119	60	0	0	0	60
120 to 121	4	0	0	0	4
	694	10	0	0	704

SR-096

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	61	0	0	0	61

Culvert Material by Route ID and Reference Post (24" to 60" Span)

Total Culverts: 29568

10 to 19	66	2	0	0	68
20 to 22	17	0	0	0	17
	144	2	0	0	146

SR-099

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 4	9	3	0	0	12
	9	3	0	0	12

SR-100

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	19	4	0	0	23
10 to 16	6	0	0	0	6
	25	4	0	0	29

SR-101

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	13	8	0	0	21
10 to 19	14	0	0	0	14
20 to 21	3	1	0	0	4
	30	9	0	0	39

SR-102

Mileposts:	Metal	Concrete	Plastic	Other	Total:
1 to 9	20	4	0	0	24
10 to 19	16	11	0	0	27
	36	15	0	0	51

SR-104

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 2	0	3	0	0	3
	0	3	0	0	3

SR-105

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 0	0	2	0	0	2
	0	2	0	0	2

SR-106

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	16	15	0	0	31
10 to 10	3	1	0	0	4
	19	16	0	0	35

Culvert Material by Route ID and Reference Post (24" to 60" Span)

Total Culverts: 29568

SR-108

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	11	12	1	0	24
10 to 12	3	10	0	0	13
	14	22	1	0	37

SR-109

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 2	4	1	0	0	5
	4	1	0	0	5

SR-111

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	15	14	0	0	29
10 to 10	0	2	0	0	2
	15	16	0	0	31

SR-112

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 7	4	3	0	0	7
	4	3	0	0	7

SR-113

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 7	38	2	1	0	41
	38	2	1	0	41

SR-114

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	51	147	0	0	198
10 to 10	4	1	0	0	5
	55	148	0	0	203

SR-115

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 8	37	18	0	0	55
	37	18	0	0	55

SR-116

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 4	12	15	0	0	27
	12	15	0	0	27

Culvert Material by Route ID and Reference Post (24" to 60" Span)

Total Culverts: 29568

SR-117

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	20	5	0	0	25
10 to 11	6	0	0	0	6
	26	5	0	0	31

SR-118

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	41	14	0	0	55
10 to 19	74	10	0	0	84
20 to 24	20	7	0	0	27
	135	31	0	0	166

SR-119

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 8	41	4	0	0	45
	41	4	0	0	45

SR-120

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 3	65	1	0	0	66
	65	1	0	0	66

SR-121

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	58	4	0	0	62
10 to 19	57	0	0	0	57
20 to 29	29	0	0	0	29
30 to 37	44	1	0	0	45
	188	5	0	0	193

SR-122

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 8	9	0	0	0	9
	9	0	0	0	9

SR-123

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	27	0	0	0	27
10 to 10	2	0	0	0	2
	29	0	0	0	29

Culvert Material by Route ID and Reference Post (24" to 60" Span)

Total Culverts: 29568

SR-124

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 7	38	4	0	0	42
	38	4	0	0	42

SR-125

Mileposts:	Metal	Concrete	Plastic	Other	Total:
6 to 9	5	1	0	0	6
10 to 19	36	4	1	0	41
20 to 21	3	1	0	0	4
	44	6	1	0	51

SR-126

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	7	7	0	0	14
10 to 19	1	53	1	0	55
20 to 21	1	1	0	0	2
	9	61	1	0	71

SR-127

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 2	1	5	0	0	6
	1	5	0	0	6

SR-128

Mileposts:	Metal	Concrete	Plastic	Other	Total:
1 to 9	42	0	0	0	42
10 to 19	55	0	0	0	55
20 to 29	35	0	0	0	35
30 to 39	32	0	0	0	32
40 to 43	11	0	0	0	11
	175	0	0	0	175

SR-130

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	32	1	0	0	33
10 to 19	8	0	0	0	8
20 to 29	3	0	0	0	3
30 to 39	22	0	0	0	22
40 to 41	14	0	0	0	14
	79	1	0	0	80

SR-132

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	19	3	0	0	22

Culvert Material by Route ID and Reference Post (24" to 60" Span)

Total Culverts: 29568

10 to 19	53	0	1	0	54
20 to 29	39	0	0	0	39
30 to 39	55	4	1	0	60
40 to 49	44	0	0	0	44
50 to 59	38	11	0	0	49
60 to 63	6	3	0	0	9
	254	21	2	0	277

SR-133

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 7	11	1	0	0	12
	11	1	0	0	12

SR-134

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	8	34	0	0	42
10 to 12	3	8	0	0	11
	11	42	0	0	53

SR-136

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 2	0	0	22	0	22
	0	0	22	0	22

SR-137

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	32	0	0	0	32
10 to 11	6	0	0	0	6
	38	0	0	0	38

SR-138

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	56	12	0	0	68
10 to 19	12	24	0	0	36
20 to 20	0	1	0	0	1
	68	37	0	0	105

SR-139

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 1	4	0	0	0	4
	4	0	0	0	4

SR-140

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 1	2	1	0	0	3

Culvert Material by Route ID and Reference Post (24" to 60" Span)

Total Culverts: 29568

	2	1	0	0	3

SR-141

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 6	20	17	0	0	37
	20	17	0	0	37

SR-142

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	21	2	0	0	23
10 to 16	13	0	0	0	13
	34	2	0	0	36

SR-143

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	23	0	0	0	23
10 to 19	61	0	0	0	61
20 to 29	37	0	0	0	37
30 to 39	49	0	0	0	49
40 to 49	35	0	0	0	35
50 to 50	4	0	0	0	4
	209	0	0	0	209

SR-144

Mileposts:	Metal	Concrete	Plastic	Other	Total:
1 to 2	5	0	0	0	5
	5	0	0	0	5

SR-145

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 0	5	0	3	0	8
	5	0	3	0	8

SR-146

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 3	19	19	0	0	38
	19	19	0	0	38

SR-147

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	50	34	2	0	86
10 to 19	101	25	0	0	126
20 to 21	4	0	0	0	4
	155	59	2	0	216

Culvert Material by Route ID and Reference Post (24" to 60" Span)

Total Culverts: 29568

SR-148

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 2	1	1	0	0	2
	1	1	0	0	2

SR-149

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 4	21	0	0	0	21
	21	0	0	0	21

SR-150

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	52	1	0	0	53
10 to 19	57	0	0	0	57
20 to 29	74	0	0	0	74
30 to 39	12	0	0	0	12
40 to 49	5	0	0	0	5
50 to 54	2	0	0	0	2
	202	1	0	0	203

SR-151

Mileposts:	Metal	Concrete	Plastic	Other	Total:
1 to 2	0	2	0	0	2
	0	2	0	0	2

SR-153

Mileposts:	Metal	Concrete	Plastic	Other	Total:
1 to 9	17	1	0	0	18
10 to 19	58	0	2	0	60
20 to 29	3	0	0	0	3
30 to 39	16	0	0	0	16
40 to 40	0	1	0	0	1
	94	2	2	0	98

SR-154

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	4	6	1	0	11
10 to 19	0	259	0	0	259
20 to 23	9	20	0	0	29
	13	285	1	0	299

SR-155

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	16	1	0	0	17
10 to 10	1	0	0	0	1

Culvert Material by Route ID and Reference Post (24" to 60" Span)

Total Culverts: 29568

	17	1	0	0	18

SR-156

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 0	10	0	0	0	10
	10	0	0	0	10

SR-157

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 4	8	2	0	0	10
	8	2	0	0	10

SR-158

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	32	19	1	0	52
10 to 11	4	1	0	0	5
	36	20	1	0	57

SR-159

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 8	9	0	0	0	9
	9	0	0	0	9

SR-160

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 3	16	2	0	0	18
	16	2	0	0	18

SR-161

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 2	9	0	0	0	9
	9	0	0	0	9

SR-163

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	22	0	0	0	22
10 to 19	30	0	0	0	30
20 to 29	37	0	0	0	37
30 to 39	36	0	0	0	36
40 to 49	31	0	0	0	31
50 to 55	23	0	0	0	23
	179	0	0	0	179

Culvert Material by Route ID and Reference Post (24" to 60" Span)

Total Culverts: 29568

SR-164

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 1	7	1	0	0	8
	7	1	0	0	8

SR-165

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	49	20	0	0	69
10 to 10	5	0	0	0	5
	54	20	0	0	74

SR-167

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	59	4	0	0	63
10 to 11	7	1	0	0	8
	66	5	0	0	71

SR-168

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 0	1	2	0	0	3
	1	2	0	0	3

SR-171

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	13	100	0	0	113
10 to 15	1	109	0	0	110
	14	209	0	0	223

SR-172

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 7	2	2	0	0	4
	2	2	0	0	4

SR-173

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	0	122	0	0	122
	0	122	0	0	122

SR-174

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 7	6	0	0	0	6
	6	0	0	0	6

Culvert Material by Route ID and Reference Post (24" to 60" Span)

Total Culverts: 29568

SR-180

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 0	8	1	0	0	9
	8	1	0	0	9

SR-181

Mileposts:	Metal	Concrete	Plastic	Other	Total:
3 to 6	2	52	0	0	54
	2	52	0	0	54

SR-186

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	4	19	7	0	30
10 to 12	0	10	0	0	10
	4	29	7	0	40

SR-189

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	39	67	1	0	107
10 to 19	81	3	0	0	84
20 to 29	45	0	0	0	45
	165	70	1	0	236

SR-190

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	44	9	0	0	53
10 to 15	38	1	0	0	39
	82	10	0	0	92

SR-191

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	16	0	0	0	16
10 to 19	25	0	0	0	25
20 to 29	26	0	0	0	26
30 to 39	29	0	0	0	29
40 to 49	7	0	21	0	28
50 to 59	25	0	6	0	31
60 to 69	21	0	0	0	21
70 to 79	40	1	0	0	41
80 to 89	45	0	0	0	45
90 to 99	32	0	0	0	32
100 to 109	43	1	0	0	44
110 to 119	37	0	0	0	37
120 to 129	56	0	0	0	56
130 to 139	56	0	0	0	56
140 to 149	22	0	0	0	22

Culvert Material by Route ID and Reference Post (24" to 60" Span)

Total Culverts: 29568

150 to 159	50	0	0	0	50
160 to 169	69	0	0	0	69
170 to 179	65	0	0	0	65
180 to 189	58	0	0	0	58
190 to 199	63	0	0	0	63
200 to 209	45	0	0	0	45
210 to 219	78	0	0	0	78
220 to 229	53	0	0	0	53
230 to 239	63	0	0	0	63
240 to 249	42	0	0	0	42
250 to 252	16	0	0	0	16
	1082	2	27	0	1111

SR-193

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 5	0	88	0	0	88
	0	88	0	0	88

SR-195

Mileposts:	Metal	Concrete	Plastic	Other	Total:
1 to 2	2	7	0	0	9
	2	7	0	0	9

SR-196

Mileposts:	Metal	Concrete	Plastic	Other	Total:
10 to 19	0	13	0	0	13
20 to 29	1	37	0	0	38
30 to 36	1	9	0	0	10
	2	59	0	0	61

SR-197

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 0	3	4	2	0	9
	3	4	2	0	9

SR-198

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	39	35	1	0	75
10 to 15	8	10	1	0	19
	47	45	2	0	94

SR-199

Mileposts:	Metal	Concrete	Plastic	Other	Total:
3 to 9	10	0	0	0	10
10 to 19	14	0	0	0	14
20 to 21	1	1	0	0	2

Culvert Material by Route ID and Reference Post (24" to 60" Span)

Total Culverts: 29568

	25	1	0	0	26

SR-200

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 1	2	0	0	0	2
	2	0	0	0	2

SR-201

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	10	30	0	0	40
10 to 17	3	25	2	0	30
	13	55	2	0	70

SR-202

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 0	0	1	0	0	1
	0	1	0	0	1

SR-203

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 6	0	34	0	0	34
	0	34	0	0	34

SR-204

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 5	3	3	0	0	6
	3	3	0	0	6

SR-208

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	76	0	0	0	76
10 to 10	2	0	0	0	2
	78	0	0	0	78

SR-209

Mileposts:	Metal	Concrete	Plastic	Other	Total:
5 to 8	0	92	0	0	92
	0	92	0	0	92

SR-210

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	30	7	0	0	37
10 to 13	16	1	0	0	17

Culvert Material by Route ID and Reference Post (24" to 60" Span)

Total Culverts: 29568

	46	8	0	0	54

SR-211

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	37	0	0	0	37
10 to 18	33	0	0	0	33
	70	0	0	0	70

SR-212

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 1	2	0	0	0	2
	2	0	0	0	2

SR-215

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	59	190	5	0	254
10 to 19	4	68	2	0	74
20 to 27	10	17	27	0	54
	73	275	34	0	382

SR-218

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 6	2	6	0	0	8
	2	6	0	0	8

SR-219

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 1	3	1	0	0	4
	3	1	0	0	4

SR-224

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	68	10	4	0	82
10 to 14	78	3	0	0	81
	146	13	4	0	163

SR-226

Mileposts:	Metal	Concrete	Plastic	Other	Total:
1 to 7	20	0	0	0	20
	20	0	0	0	20

SR-228

Mileposts:	Metal	Concrete	Plastic	Other	Total:

Culvert Material by Route ID and Reference Post (24" to 60" Span)

Total Culverts: 29568

0 to 1	6	0	0	0	6
	6	0	0	0	6

SR-232

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 2	0	29	0	0	29
	0	29	0	0	29

SR-235

Mileposts:	Metal	Concrete	Plastic	Other	Total:
1 to 4	6	4	0	0	10
	6	4	0	0	10

SR-237

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 4	1	1	0	0	2
	1	1	0	0	2

SR-238

Mileposts:	Metal	Concrete	Plastic	Other	Total:
2 to 3	6	1	1	0	8
	6	1	1	0	8

SR-241

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 0	3	0	0	0	3
	3	0	0	0	3

SR-244

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 0	3	0	0	0	3
	3	0	0	0	3

SR-248

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	67	10	0	0	77
10 to 14	33	1	0	0	34
	100	11	0	0	111

SR-256

Mileposts:	Metal	Concrete	Plastic	Other	Total:
1 to 5	6	4	0	0	10

Culvert Material by Route ID and Reference Post (24" to 60" Span)

Total Culverts: 29568

	6	4	0	0	10

SR-257

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	5	1	0	0	6
10 to 19	3	0	0	0	3
20 to 29	1	31	0	0	32
30 to 39	16	8	0	0	24
40 to 49	5	0	0	0	5
50 to 59	6	0	0	0	6
60 to 69	17	1	0	0	18
	53	41	0	0	94

SR-258

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 2	27	0	0	0	27
	27	0	0	0	27

SR-259

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 0	4	0	0	0	4
	4	0	0	0	4

SR-260

Mileposts:	Metal	Concrete	Plastic	Other	Total:
3 to 3	1	0	0	0	1
	1	0	0	0	1

SR-261

Mileposts:	Metal	Concrete	Plastic	Other	Total:
1 to 9	16	0	0	0	16
10 to 19	18	0	0	0	18
20 to 29	15	0	0	0	15
30 to 32	5	0	0	0	5
	54	0	0	0	54

SR-262

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	23	0	0	0	23
10 to 19	11	0	0	0	11
20 to 29	57	0	0	0	57
30 to 39	46	0	0	0	46
40 to 40	2	0	0	0	2
	139	0	0	0	139

Culvert Material by Route ID and Reference Post (24" to 60" Span)

Total Culverts: 29568

SR-265

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 4	31	3	0	0	34
	31	3	0	0	34

SR-266

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 5	1	81	0	0	82
	1	81	0	0	82

SR-269

Mileposts:	Metal	Concrete	Plastic	Other	Total:
1 to 1	0	2	0	0	2
	0	2	0	0	2

SR-270

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 1	0	4	0	0	4
	0	4	0	0	4

SR-271

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 5	33	0	0	0	33
	33	0	0	0	33

SR-272

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 0	0	4	0	0	4
	0	4	0	0	4

SR-273

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 1	1	6	0	0	7
	1	6	0	0	7

SR-274

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 0	1	0	0	0	1
	1	0	0	0	1

SR-275

Mileposts:	Metal	Concrete	Plastic	Other	Total:

Culvert Material by Route ID and Reference Post (24" to 60" Span)

Total Culverts: 29568

0 to 3	31	0	0	0	31
	31	0	0	0	31

SR-276

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	43	1	0	0	44
10 to 19	44	1	0	0	45
20 to 29	34	1	0	0	35
30 to 39	23	1	0	0	24
40 to 49	26	0	0	0	26
50 to 59	45	0	0	0	45
60 to 69	43	0	0	0	43
70 to 71	8	0	0	0	8
	266	4	0	0	270

SR-279

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	55	0	0	0	55
10 to 14	29	0	0	0	29
	84	0	0	0	84

SR-280

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 0	1	1	0	0	2
	1	1	0	0	2

SR-282

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 2	0	74	0	0	74
	0	74	0	0	74

SR-283

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 0	3	2	0	0	5
	3	2	0	0	5

SR-284

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 1	0	14	0	0	14
	0	14	0	0	14

SR-294

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 0	0	1	0	0	1

Culvert Material by Route ID and Reference Post (24" to 60" Span)

Total Culverts: 29568

	0	1	0	0	1

SR-296

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 0	0	2	0	0	2
	0	2	0	0	2

SR-301

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 2	22	0	0	0	22
	22	0	0	0	22

SR-302

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 3	21	0	0	0	21
	21	0	0	0	21

SR-303

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 0	4	0	0	0	4
	4	0	0	0	4

SR-308

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 1	8	0	0	0	8
	8	0	0	0	8

SR-311

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 2	8	0	0	0	8
	8	0	0	0	8

SR-313

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 9	22	0	0	0	22
10 to 19	61	0	0	0	61
20 to 22	20	0	0	0	20
	103	0	0	0	103

SR-314

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 0	1	0	0	0	1

Culvert Material by Route ID and Reference Post (24" to 60" Span)

Total Culverts: 29568

	1	0	0	0	1

SR-315

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 1	5	0	0	0	5
	5	0	0	0	5

SR-316

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 3	5	0	0	0	5
	5	0	0	0	5

SR-318

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 2	12	0	0	0	12
	12	0	0	0	12

SR-319

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 1	14	1	1	0	16
	14	1	1	0	16

SR-320

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 2	11	0	0	0	11
	11	0	0	0	11

SR-666

Mileposts:	Metal	Concrete	Plastic	Other	Total:
2 to 9	17	0	0	0	17
10 to 16	22	0	0	0	22
	39	0	0	0	39

SR-999

Mileposts:	Metal	Concrete	Plastic	Other	Total:
0 to 6	5	0	19	0	24
	5	0	19	0	24

Attachment A.2

UDOT Culvert Database

A.2. UDOT CULVERT DATABASE

The following sections present the components of the UDOT Culvert Database (UCD) Form program and the database structure. The complete database and user's manual prepared by USU for an earlier version of the database are on a compact disc provided as Attachment A.4.

A.2.1 UDOT Form Program

The Form program is illustrated on the following pages. The Form program is a standalone executable program that was coded and compiled by USU. There is a tab window containing the basic inventory data on each culvert installation and for entering inspection data for the culverts. Each tab window is followed by a table containing the available selections in the drop-down menus.

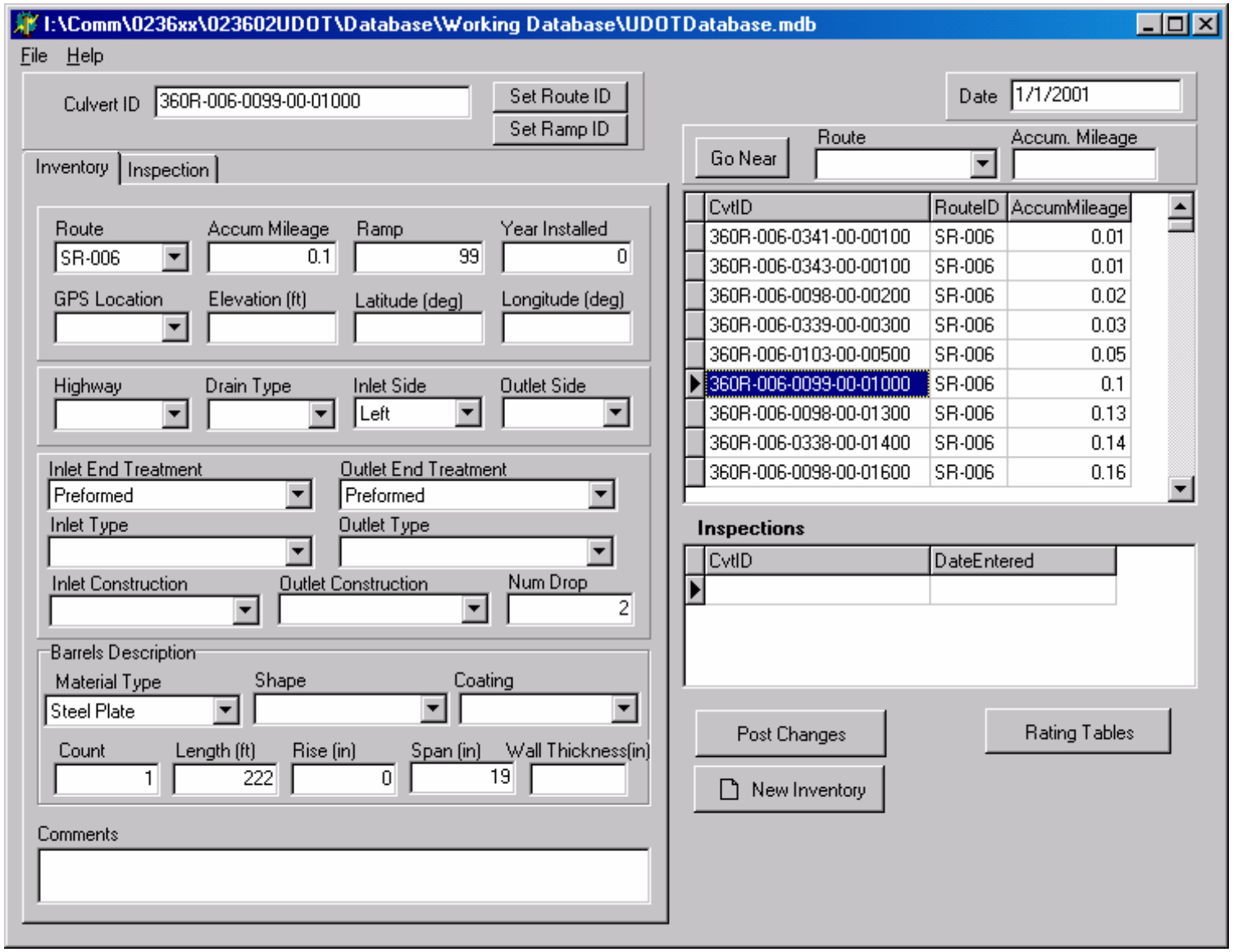

Figure A.2-1 – UDOT Form Program Tab Window – Inventory

Table A.2-1 – Selection Fields for UDOT Form Program Tab Window – Inventory

GPS Location	Highway	Drain Type	Inlet/Outlet Side	Inlet/Outlet Constr
Inlet	Divided	Main	Left	Cast in-Place
Outlet	Undivided	Lateral	Median	Pre Cast
		Slope	Right	
		Edge		
Inlet/Outlet Type	**Inlet/Outlet End Treatment**	**Material Type**	**Shape**	**Coating**
Flat Bottom	Energy Dissipater	Corrugated Steel	Box	Aluminum
Improved Invert	Headwall	High Density Polyethylene	Circular	Alum Zinc
Oversized	Mitered	Polyvinyl Chloride	Elliptical	Asphalt Lined
Slope Tapered	None	Reinforced Concrete	Oval	Bit Coat
Side Tapered Circular	Preformed	Unreinforced Concrete	Pipe Arch	Coated CSP
Side Tapered Rectangular	Projecting	Other-see comments	Arch Box OB – Open Bottom LP – Low Profile HP – High Profile	Concrete Lined
Other-see comments	Wing wall	NA	Metal Box	Epoxy Coat
NA	Other – see comments	Steel Plate	Circular SW – Solid Wall RWH – Ribbed Wall Helical RWA – Ribbed Wall Annular PWIO – Profile Wall Corrugated Out/In PWO – Profile Wall Corrugated Out PWH – Profile Wall Honeycomb	Ext/Int Coated CSP
	NA		Other-see comments	Plain CSP
				Other – see comments

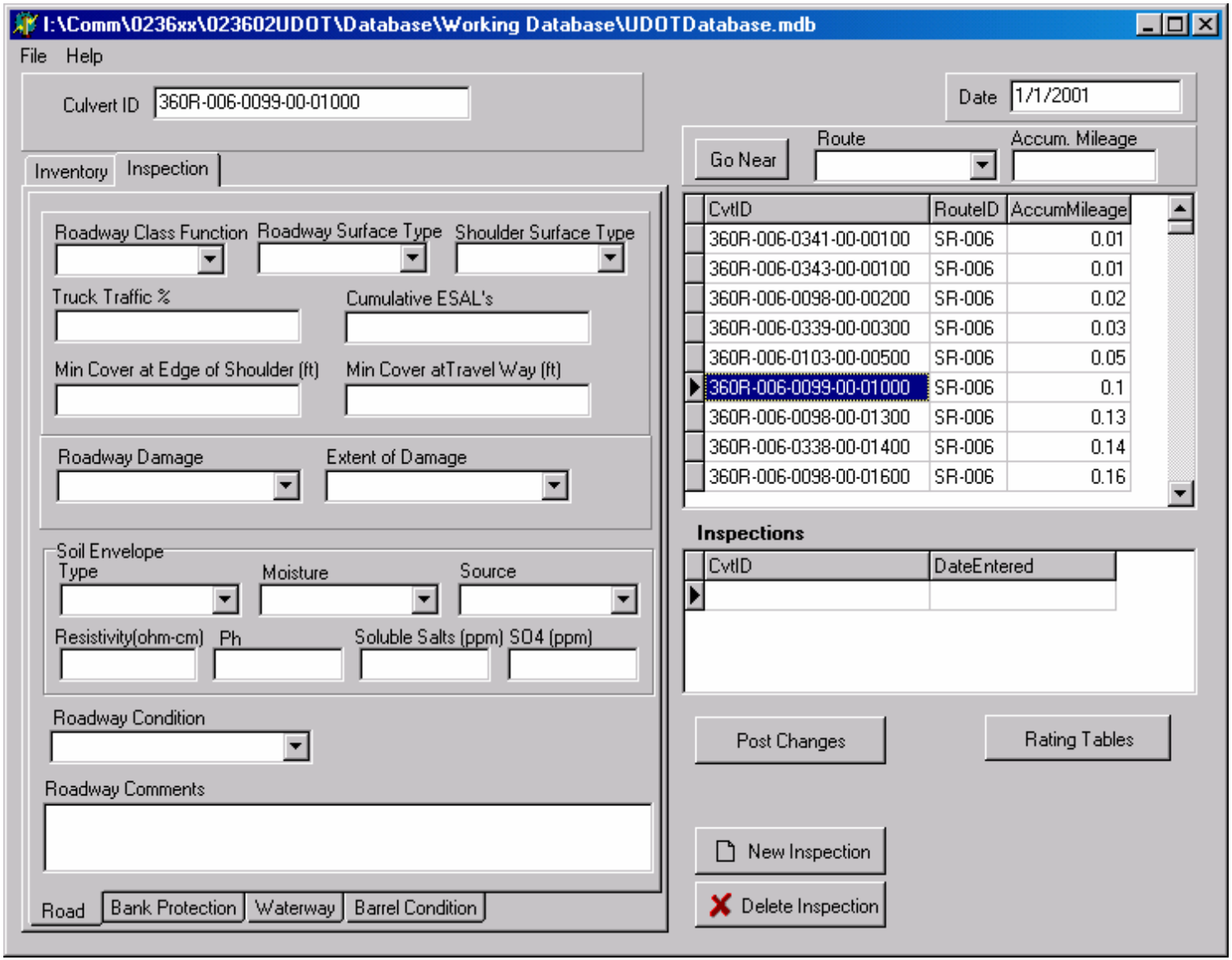

Figure A.2-2 – UDOT Form Program Tab Window – Road Inspection

Table A.2-2 – Selection Fields for UDOT Form Program Tab Window – Road Inspection

Roadway Class Function	Soil Envelope Type	Roadway Damage
01 – Rural Interstate System	GW – Well-graded gravels and gravel-sand mixtures, little or no fines	Cracks
02 – Rural Other Principle Arterials	GP – Poorly graded gravels and gravel-sand mixtures, little or no fines	Patching
06 – Rural Minor Arterial System	GM – Silty gravels, gravel-sand-silt mixtures	Settlement
07 – Rural Major Collector	GC – Clayey gravels, gravel-sand-clay mixtures	None
08 – Rural Minor Collector	SW – Well-graded sands and gravelly sands, little or no fines	Other-see comments
09 – Rural Local System	SP – Poorly graded sands and gravelly sands, little or no fines	
11 – Urban Interstate System	SM – Silty sand, sand-silt mixtures	
12 – Urban Other Freeways & Expressways	SC – Clayey sands, sand-clay mixtures	
14 – Urban Other Principal Arterials	ML – Inorganic silts, very fine sands, rock flour, silty or clayey fine sands	
16 – Urban Minor Arterial Systems	CL – Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays	
17 – Urban Collector System	OL – Organic silts and organic silty clays of low plasticity	
19 – Urban Local System	MH – Inorganic silts, micaceous or diato-macaceous fine sands or silts, elastic silts	
	CH – Inorganic clays of high plasticity, fat clays	
	OH – Organic clays of medium to high plasticity	
	PT – Peat, muck, and other highly organic soils	
Extent of Damage	**Shoulder Surface Type**	**Roadway Surface Type**
Slight	Concrete	Concrete
Moderate	Asphalt	Asphalt
Severe	Gravel	Gravel
Other-see comments	Dirt	Dirt
NA	Other – see comments	

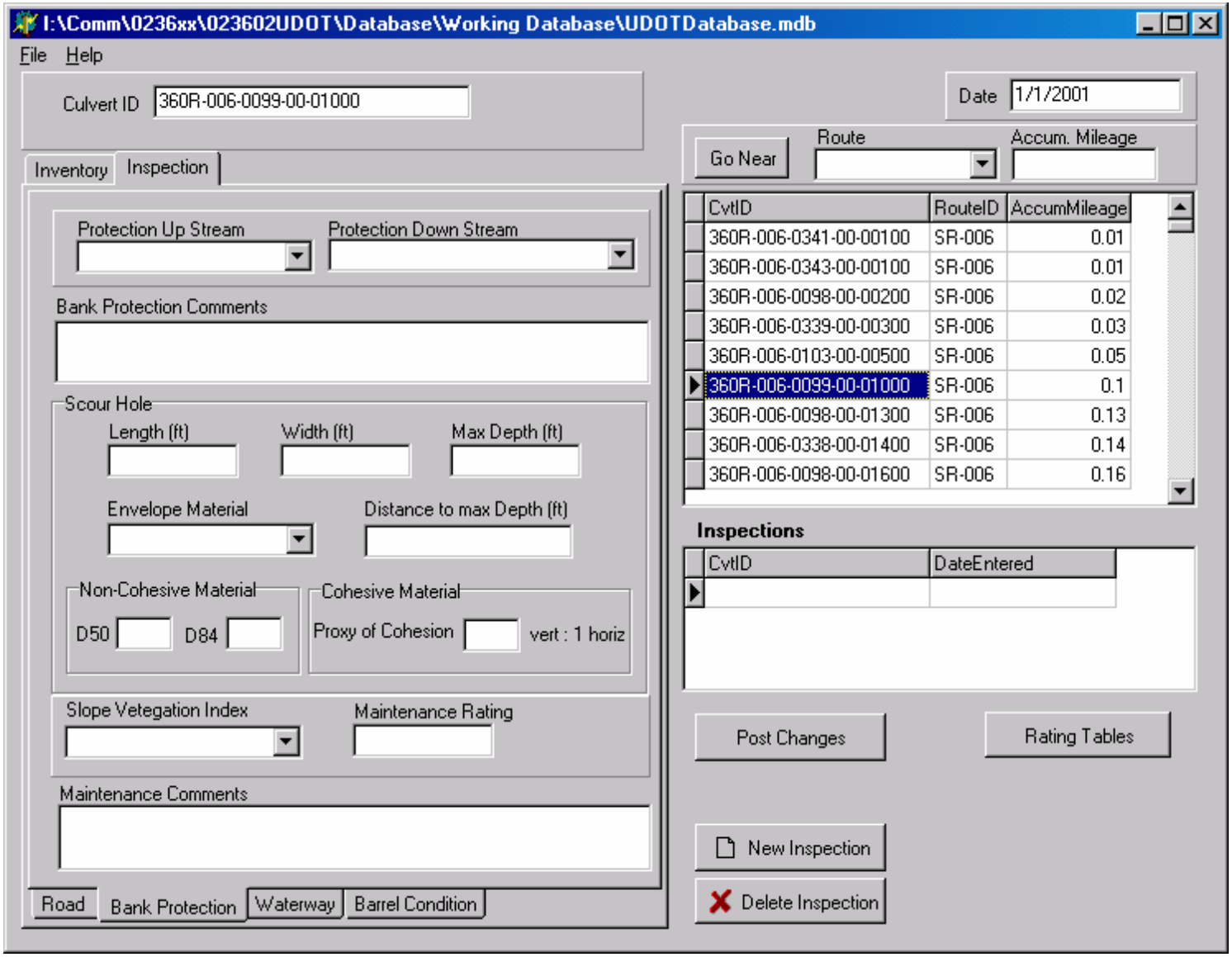

Figure A.2-3 – UDOT Form Program Tab Window – Bank Protection Inspection

Table A.2-3 – Selection Fields for UDOT Form Program Tab Window – Bank Protection Inspection

Protection Upstream	Protection Downstream	Scour Hole Envelope Material	Slope Vegetation Index
Paved Slope-Asphalt	Paved Slope-Asphalt	Cohesive	Fully
Paved Slope-Concrete	Paved Slope-Concrete	Non-Cohesive	Moderately
RipRap	RipRap		Little
Vegetation	Vegetation		No vegetation
None	None		
	Interior Roughness Circular		
	Interior Roughness Rectangular		
	Internal Turbling Flow Circular		
	Internal Turbling Flow Rectangular		
	Internal Other		
	External Box Inlet Drop Structure		
	External Contra Costa		
	External CSU Rigid Boundart Basin		
	External Hook Type		
	External Rip Rap Basin		
	External Straight Drop Structure		
	External Scour Hole		
	External Stilling Basin SAF		
	External Stilling Basin USBR		
	External USBR Type VI		
	External Other		

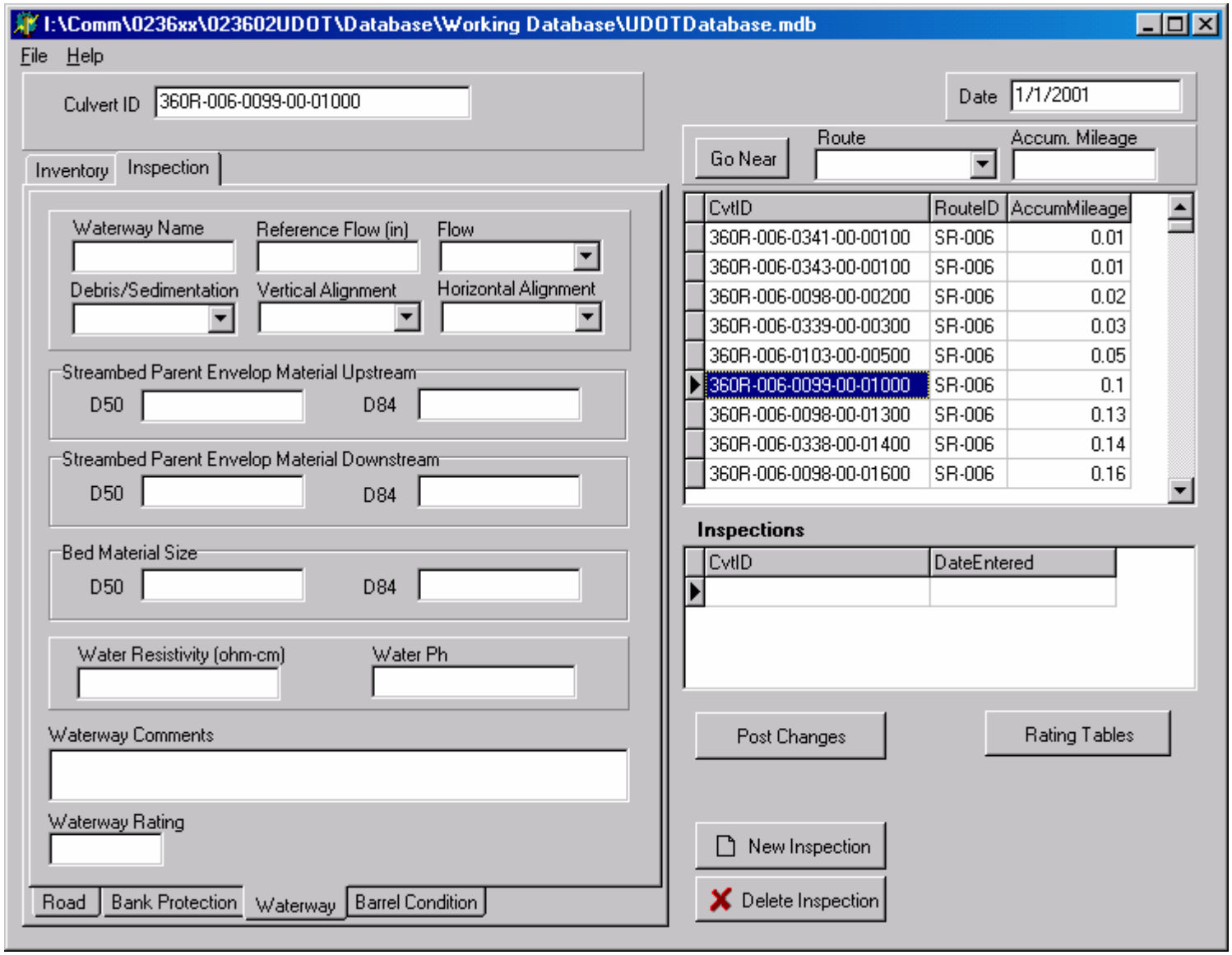

Figure A.2-4 – UDOT Form Program Tab Window – Waterway Inspection

Table A.2-4 – Selection Fields for UDOT Form Program Tab Window – Waterway Inspection

Flow	Debris/Sedimentation	Vertical/Horizontal Alignment
Perennial	Slight	Good
Intermittent	Moderate	Fair
Standing	Severe	Poor
Unknown	Other-see comments	NA
	NA	

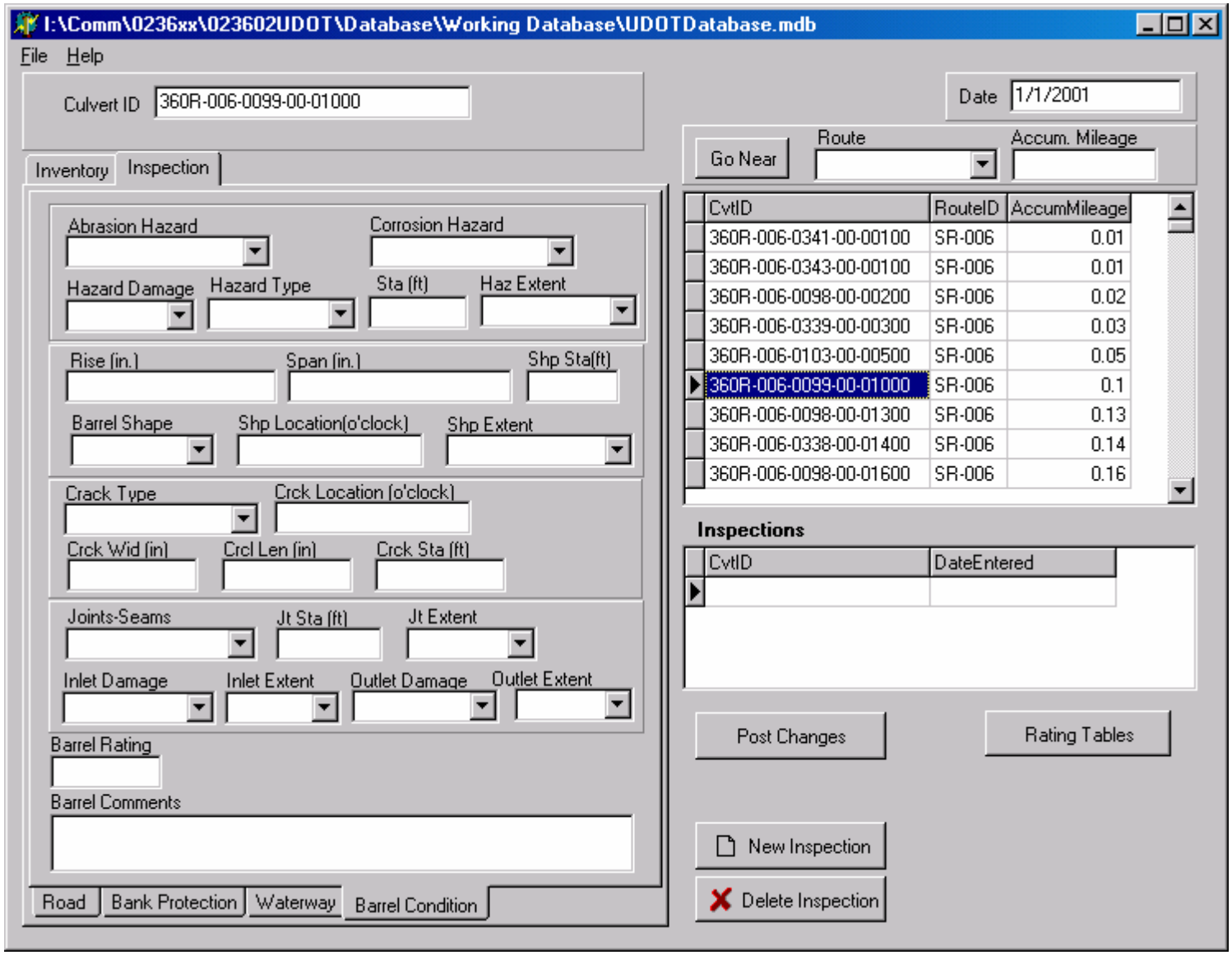

Figure A.2-5 – UDOT Form Program Tab Window – Barrel Condition Inspection

Table A.2-5 – Selection Fields for UDOT Form Program Tab Window – Barrel Condition Inspection

Abrasion/Corrosion Hazard	Hazard Damage	Hazard Type	Haz Extent	Barrel Shape	Shp Extent
High	Abrasion	Coating Loss	Local-Slight	Flattening	Local-Slight
Moderate	Corrosion	Wall Loss	Local-Moderate	Dimpling	Local-Moderate
Slight			Local-Severe	Buckling	Local-Severe
None			Global-Slight	Crushing	Global-Slight
			Global-Moderate		Global-Moderate
			Global-Severe		Global-Severe
Crack Type	**Joints-Seams**	**Joint Extent**	**Inlet/Outlet Damage**	**Inlet/Outlet Extent**	
Longitudinal	Joint Misalignment	Slight	Corrosion	Slight	
Circumferential	Seam Misalignment	Moderate	Cracking	Moderate	
Shear	Separation	Severe	Crushing	Severe	
Spall	Infiltration		Deformation		
	Exfiltration		Misalignment		
			Scour		
			Sedimentation		
			Separation		
			Settlement		
			Undermining		

A.2.2 Culvert Inventory Dataset

The following table provides the fields contained in the Inventory Dataset. Fifty fields are listed in the table; however, nineteen are not used in the current UCD configuration.

Table A.2-6 – Inventory Dataset Fields

Data Field	Use		Data Field	Use
Status	A		IltInvertLong	X
DateEntered	A		IltInvertElev	X
CvtID	A		OtltLongOffset	X
RouteID	D		OtltLatOffset	X
RefPost	X		OtltEndTrtmnt	D
RampID	T		OtltCatchBasnID	X
RampSec	X		OtltConstruction	D
RampTer	X		OtltType	D
AccumMileage	T		OtltSide	D
CvtType	X		InvertDrop	X
CvtCross	X		BrlCount	T
GPSLocatn	D		DropInletCount	T
Elevation	T		BrlLength	T
Latitude	T		BrlMtlType	D
Longitude	T		BrlShape	D
Highwy	D		BrlSpan	T
DrnType	D		BrlRise	T
IltLongOffset	X		BrlCoatType	D
IltLatOffset	X		BrlCoatClr	X
IltEndTrtmnt	D		CvtLocationDesc	X
IltCatchBasnID	X		CvtCmnts	T
IltConstruction	D		CvtDateInstall	T
IltType	D		CvtSitePctr	X
IltSide	D		Orclkey	X
IltInvertLat	X		WallThickness	T

A = Administrative Field
D = Drop-down Menu (Available entries provided in previous section of attachment.)
T = Text entry, can be free for comments or limited to numbers, as necessary.
X = Not currently used in UCD Form program.

A.2.3 Culvert Inspection Dataset

The following table provides the fields contained in the inventory dataset of the UCD. The dataset contains seventy-seven fields.

Table A.2-7 – Inspection Dataset Fields

Data Field	Use		Data Field	Use		Data Field	Use
CvtID	A		ScrWidth	T		HazExtnt	D
DateEntered	A		ScrDepth	T		CrckType	D
Status	A		ScrDistMaxDepth	T		JointSms	D
MinShldrEdgCvr	T		ScrEnvlpMtrl	D		JtExtnt	D
MinTrvlWayCvr	T		ScrD50	T		IletDmg	D
RdwayFunctn	D		ScrD84	T		IletExtnt	D
RdwaySurfacType	D		ScrCohesionPrxy	T		OltDmg	D
RdwayDmg	D		VegIndx	D		OltExtnt	D
ExtentOfDmg	D		WaterwayRtng	T		BrlShape	D
RdwayCondition	T		Waterway	T		ShpExtnt	D
RdwayCmnts	T		WaterwayCmnts	T		BrlSpan	T
ShldrSurfacType	D		RefFlow	T		BrlRise	T
TruckTraffic	T		Flow	D		HazSta	T
ESAL	T		DebSed	D		ShpLocn	T
SlEnvlpType	D		VertAlign	D		ShpSta	T
SlEnvlpSource	D		HorizAlign	D		BrlRtng	T
SlEnvlpMoist	D		USParentMtrlD50	T		BrlCmnts	T
SlEnvlopRstvty	T		USParentMtrlD84	T		CrckLoc	T
WtrRstvty	T		DSParentMtrlD50	T		CrckSta	T
SlEnvlpPh	T		DSParentMtrlD84	T		CrckWid	T
WtrPh	T		BedMtrlD50	T		CrckLen	T
SlEnvlpSalt	T		BedMtrlD84	T		JtSta	T
SlEnvlpSo4	T		AbrsnHaz	D		BnkProtctCmnt	T
UpstrmBnkProtct	D		CrsnHaz	D		MaintenanceRating	T
DnstrmBnkProtct	D		HazDmg	D		MaintenanceCmnts	T
ScrLength	T		HazType	D			

A = Administrative Field
D = Drop-down Menu (Available entries provided in previous section of attachment.)
T = Text entry, can be free for comments or limited to numbers, as necessary.
X = Not currently used in UCD Form program.

Attachment A.3

Inventory and Inspection Data for 272 Inspected Culverts

A.3. INVENTORY AND INSPECTION DATA FOR 272 INSPECTED CULVERTS

The following pages contain the complete record of inventory and inspection data. The data was consolidated by combining fields from the inventory and inspection datasets. For statistical evaluation of the inspection results and for determination of culvert Importance Modifiers, additional data was collected for the 272 inspected culverts to include the UDOT Maintenance Region, the revegetation zone, the geologic zone, and the roadway classification. As this data was manually collected for the inspected culverts, it is not currently available for the complete culvert inventory. From this list, the roadway importance is the only one that should be added for all culverts, so that the culvert Importance Modifier can be determined for the complete inventory.

The data is displayed in spreadsheet format. The size of the spreadsheet requires that it be printed six pages higher by nine pages wide. A number along the left side of each page identifies each unique record of data (row) and can be sued to trace the data for each culvert through the subsequent pages. Column headings across the top of each page identify the fields of data. The fields have been extracted from the both the inventory and inspection datasets, consolidated, and reorganized for production of the spreadsheet. The first six pages present data for the first set of fields for each of the 272 culverts. The next six pages present data for the next set of columns and so forth through all 9 sets of columns.

	Insp Status	Inspection Date	CvtID	Inventory Status	Route ID	Ref Post	Accum Mileage	Cvt Cross	GPS Locatn	Elev (ft)	Latitude (deg)	Longitude (deg)	Highwy	Drn Type
1	New	10/16/2003	360H-262-0036-04800	Changed	SR-262	36	36.48	Undivided Highway	Outlet	4802	37.17388	109.10082	Undivided	Main
2	New	10/16/2003	360H-261-0025-00400	Changed	SR-261	25	25.04	Undivided Highway	Inlet	6407	37.47611	109.90883	Undivided	Main
3	New	10/16/2003	360H-261-0004-04010	Changed	SR-261	4	4.401	Undivided Highway	Outlet	5036	37.24083	109.91205	Undivided	Main
4	New	10/16/2003	360H-261-0004-04000	Changed	SR-261	4	4.4	Undivided Highway	Outlet	5036	37.24083	109.91205	Undivided	Main
5	New	7/13/2003	360H-257-0065-03300	Changed	SR-257	65	65.33	Undivided Highway	Outlet	4583	39.27233	112.65298	Undivided	Main
6	New	7/13/2003	360H-257-0063-07700	Changed	SR-257	63	63.77	Undivided Highway	Outlet	4570	39.25038	112.65652	Undivided	Main
7	New	7/13/2003	360H-257-0045-08100	Changed	SR-257	45	45.81	Undivided Highway	Outlet	4631	39.00943	112.78383	Undivided	Main
8	New	7/13/2003	360H-257-0029-03800	New	SR-257	0	29.38		Outlet	4864	38.79358	112.90455	Undivided	Main
9	New	7/13/2003	360H-257-0027-01000	New	SR-257	0	27.1		Outlet	4896	38.77052	112.93400	Undivided	Main
10	New	3/21/2003	360H-215-0026-08300	New	SR-215	0	26.83		Outlet	0	40.83003	111.94563	Divided	Main
11	New	3/21/2003	360H-215-0025-06500	New	SR-215	0	25.65		Outlet	0	40.81337	111.94888	Divided	Main
12	New	3/21/2003	360H-215-0025-06300	New	SR-215	0	25.63		Outlet	0	40.81430	111.94960	Divided	Main
13	New	3/21/2003	360H-215-0025-02600	Changed	SR-215	25	25.26	Lateral Drain	Outlet	#VALUE!	40.80770	111.94873	Divided	Main
14	New	3/21/2003	360H-215-0024-06400	New	SR-215	0	24.64		Outlet	0	40.79855	111.94970	Divided	Main
15	New	3/21/2003	360H-215-0024-06200	New	SR-215	0	24.62		Outlet	0	40.79858	111.94900	Divided	Main
16	New	3/21/2003	360H-215-0024-04200	Changed	SR-215	24	24.42	Lateral Drain	Outlet	#VALUE!	40.79472	111.94967	Divided	Main
17	New	7/12/2003	360H-199-0012-08800	Changed	SR-199	12	12.88	Undivided Highway	Outlet	6399	40.33750	112.56907	Undivided	Main
18	New	7/12/2003	360H-199-0004-02200	Changed	SR-199	4	4.22	Undivided Highway	Outlet	4681	40.27542	112.67603	Undivided	Main
19	New	7/12/2003	360H-196-0035-09000	Changed	SR-196	35	35.9	Undivided Highway	Outlet	4242	40.73385	112.65670	Undivided	Main
20	New	7/12/2003	360H-196-0032-08600	Changed	SR-196	32	32.86	Undivided Highway	Outlet	4272	40.69062	112.66855	Undivided	Main
21	New	7/12/2003	360H-196-0031-01500	Changed	SR-196	31	31.15	Undivided Highway	Outlet	4293	40.66652	112.67580	Undivided	Main
22	New	7/12/2003	360H-196-0006-07300	New	SR-196	0	6.73		Outlet	4654	40.32310	112.74397	Undivided	Main
23	New	3/18/2003	360H-191-0209-09500	New	SR-191	209	209.95		Outlet	#VALUE!	40.57210	109.48950		Main
24	New	3/18/2003	360H-191-0203-04500	Changed	SR-191	203	203.45	Undivided Highway	Outlet	#VALUE!	40.49333	109.52905	Undivided	Main
25	New	10/14/2003	360H-191-0194-03900	New	SR-191	0	194.39		Inlet	6225	40.09137	110.48970	Undivided	Main
26	New	10/14/2003	360H-191-0169-07800	New	SR-191	0	169.78		Inlet	7793	39.84733	110.76735	Undivided	Main
27	New	10/15/2003	360H-191-0144-03800	Changed	SR-191	144	144.38	Undivided Highway	Inlet	4554	38.76788	109.74562	Undivided	Main
28	New	10/15/2003	360H-191-0122-00200	Changed	SR-191	122	122.02	Undivided Highway	Inlet	4550	38.53428	109.50958	Undivided	Main
29	New	10/15/2003	360H-191-0114-06400	Changed	SR-191	114	114.64	Undivided Highway	Outlet	5256	38.44162	109.43053	Undivided	Main
30	New	10/15/2003	360H-191-0094-01600	New	SR-191	0	94.16		Outlet	5794	38.18440	109.38175	Undivided	Main
31	New	10/15/2003	360H-191-0075-07400	Changed	SR-191	75	75.74	Undivided Highway	Inlet	6911	37.92833	109.34627	Undivided	Main
32	New	10/15/2003	360H-191-0062-03600	New	SR-191	0	62.36		Inlet	7266	37.75782	109.39705	Undivided	Main
33	New	3/25/2003	360H-191-0047-03600	Changed	SR-191	47	47.36	Lateral Drain	Outlet	5766	37.57148	109.48898	Undivided	Main
34	New	3/25/2003	360H-191-0047-01200	Changed	SR-191	47	47.12	Undivided Highway	Outlet	5761	37.56765	109.48962	Undivided	Main
35	New	3/25/2003	360H-191-0046-09101	Changed	SR-191	46	46.9101	Undivided Highway	Outlet	5751	37.56558	109.48958	Undivided	Main
36	New	3/25/2003	360H-191-0046-09100	Changed	SR-191	46	46.91	Undivided Highway	Outlet	5751	37.56558	109.48958	Undivided	Main
37	New	3/25/2003	360H-191-0046-07600	New	SR-191	0	46.76		Outlet	5727	37.56268	109.48970	Undivided	Main
38	New	3/25/2003	360H-191-0046-04600	Changed	SR-191	46	46.46	Undivided Highway	Outlet	5683	37.55613	109.48967	Undivided	Main
39	New	10/16/2003	360H-191-0044-09100	Changed	SR-191	44	44.91	Undivided Highway	Inlet	5515	3753472.00000	109.49447	Undivided	Main
40	New	10/16/2003	360H-191-0044-07700	Changed	SR-191	44	44.77	Undivided Highway	Inlet	5590	37.53275	109.49437	Undivided	Main
41	New	10/16/2003	360H-191-0036-07100	New	SR-191	0	36.71		Inlet	4956	37.42257	109.47488	Undivided	Main

	Insp Status	Inspection Date	CvtID	Inventory Status	Route ID	Ref Post	Accum Mileage	Cvt Cross	GPS Locatn	Elev (ft)	Latitude (deg)	Longitude (deg)	Highwy	Drn Type
42	New	10/16/2003	360H-191-0007-07200	Changed	SR-191	7	7.72	Undivided Highway	Outlet	4801	37.09113	109.54775	Undivided	Main
43	New	10/16/2003	360H-163-0046-08100	Changed	SR-163	46	46.81	Undivided Highway	Outlet	4464	37.29922	109.46107	Divided	Main
44	New	10/16/2003	360H-163-0034-05700	Changed	SR-163	34	34.57	Undivided Highway	Inlet	5144	37.26650	109.72480	Undivided	Main
45	New	10/18/2003	360H-159-0007-07900	Changed	SR-159	7	7.79	Undivided Highway	Outlet	5140	39.05167	114.03658	Undivided	Main
46	New	3/24/2003	360H-153-0013-03100	Changed	SR-153	13	13.31	Undivided Highway	Outlet	8045	38.28015	112.45680	Undivided	Main
47	New	3/24/2003	360H-153-0010-02800	New	SR-153	0	10.28		Outlet	7168	38.26690	112.48713	Undivided	Main
48	New	3/24/2003	360H-153-0009-03000	New	SR-153	0	9.3		Outlet	6968	38.26233	112.50202	Undivided	Main
49	New	3/24/2003	360H-153-0001-00901	New	SR-153	0	1.0901		Outlet	5942	38.27705	112.62115	Undivided	Main
50	New	3/24/2003	360H-153-0001-00900	New	SR-153	0	1.09		Outlet	5942	38.27705	112.62115	Undivided	Main
51	New	7/14/2003	360H-143-0045-04700	Changed	SR-143	45	45.47	Undivided Highway	Outlet	7571	37.76812	112.47328	Undivided	Main
52	New	7/14/2003	360H-143-0036-07700	Changed	SR-143	36	36.77	Undivided Highway	Outlet	8140	37.73520	112.60582	Undivided	Main
53	New	7/14/2003	360H-143-0036-02600	Changed	SR-143	36	36.26	Undivided Highway	Outlet	8197	37.72888	112.82175	Undivided	Main
54	New	7/14/2003	360H-143-0017-06300	New	SR-143	0	17.63		Outlet	10910	37.68113	112.82175	Undivided	Main
55	New	7/14/2003	360H-143-0010-05100	New	SR-143	0	10.51		Outlet	7716	37.75203	112.83788	Undivided	Main
56	New	7/14/2003	360H-143-0005-03100	New	SR-143	0	5.31		Outlet	6396	37.81052	112.80893	Undivided	Main
57	New	7/14/2003	360H-143-0005-01000	Changed	SR-143	5	5.1	Undivided Highway	Outlet	6345	37.81258	112.80877	Undivided	Main
58	New	7/12/2003	360H-132-0044-03800	Changed	SR-132	44	44.38	Undivided Highway	Outlet	6177	39.66912	111.66183	Undivided	Main
59	New	7/12/2003	360H-132-0044-02100	Changed	SR-132	44	44.21	Undivided Highway	Outlet	6224	39.67328	111.66490	Undivided	Main
60	New	7/12/2003	360H-132-0042-03800	Changed	SR-132	42	42.38	Undivided Highway	Outlet	6177	39.66912	111.66183	Undivided	Main
61	New	7/12/2003	360H-132-0039-00300	New	SR-132	0	39.03		Outlet	5757	39.71797	111.73627	Undivided	Main
62	New	7/12/2003	360H-132-0038-09600	New	SR-132	0	38.96		Outlet	5765	39.71788	111.73755	Undivided	Main
63	New	7/12/2003	360H-132-0038-04700	New	SR-132	0	38.47		Outlet	5733	39.71690	111.74560	Undivided	Main
64	New	7/12/2003	360H-132-0038-04200	New	SR-132	0	38.42		Outlet	5717	39.71677	111.74673	Undivided	Main
65	New	7/12/2003	360H-132-0037-09210	New	SR-132	0	37.921		Outlet	5587	39.71843	111.75580	Undivided	Main
66	New	7/13/2003	360H-132-0019-04900	Changed	SR-132	19	19.49	Undivided Highway	Outlet	5379	39.65470	112.07362	Undivided	Main
67	New	7/13/2003	360H-132-0018-08500	New	SR-132	0	18.85		Outlet	5347	39.64813	112.07997	Undivided	Main
68	New	3/18/2003	360H-121-0033-09900	Changed	SR-121	33	33.99	Undivided Highway	Outlet	#VALUE!	40.44418	109.63622	Undivided	Main
69	New	3/18/2003	360H-121-0030-08800	Changed	SR-121	30	30.88	Undivided Highway	Outlet	#VALUE!	#VALUE!	#VALUE!	Undivided	Main
70	New	3/25/2003	360H-095-0120-02200	Changed	SR-095	120	120.22	Undivided Highway	Outlet	5544	37.57692	109.50893	Undivided	Main
71	New	3/25/2003	360H-095-0116-07300	Changed	SR-095	116	116.73	Undivided Highway	Outlet	5292	37.56205	109.55962	Undivided	Main
72	New	3/25/2003	360H-095-0090-09500	Changed	SR-095	90	90.95	Undivided Highway	Outlet	6797	37.57858	109.91850	Undivided	Main
73	New	3/25/2003	360H-095-0079-09600	Changed	SR-095	79	79.96	Undivided Highway	Outlet	5888	37.60015	110.05657	Undivided	Main
74	New	3/25/2003	360H-095-0060-04400	Changed	SR-095	60	60.44	Undivided Highway	Outlet	4693	42.75087	110.27987	Undivided	Main
75	New	10/17/2003	360H-095-0026-03900	Changed	SR-095	26	26.39	Undivided Highway	Outlet	4577	38.02395	110.56653	Undivided	Main
76	New	10/17/2003	360H-095-0026-02400	Changed	SR-095	26	26.24	Undivided Highway	Outlet	4564	38.02432	110.56942	Undivided	Main
77	New	10/17/2003	360H-095-0004-09100	Changed	SR-095	4	4.91	Undivided Highway	Inlet	4477	38.30915	110.67158	Undivided	Main
78	New	3/22/2003	360H-092-0013-05600	Changed	SR-092	13	13.56	Lateral Drain	Outlet	6396	40.44840	111.64487		Lateral
79	New	3/22/2003	360H-092-0013-00900	New	SR-092	0	13.09		Outlet	6478	40.44625	111.64068	Undivided	Main
80	New	3/22/2003	360H-092-0004-02000	Changed	SR-092	4	4.2	Lateral Drain	Outlet	4780	40.43155	111.81860	Undivided	Main
81	New	3/22/2003	360H-092-0001-03800	Changed	SR-092	1	1.38	Undivided Highway	Outlet	4825	40.43265	111.86663	Undivided	Main
82	New	3/22/2003	360H-092-0001-01600	New	SR-092	0	1.16		Outlet	4805	40.43253	111.87095	Undivided	Main
83	New	3/22/2003	360H-092-0001-00800	Changed	SR-092	1	1.08	Undivided Highway	Outlet	4771	40.43242	111.87212	Undivided	Main
84	New	3/19/2003	360H-091-0018-00200	Changed	SR-091	17	18.02	Undivided Highway	Outlet	0	41.63037	111.92308	Undivided	Main
85	New	3/19/2003	360H-091-0017-04800	New	SR-091	17	17.48	Undivided Highway	Outlet	0	41.62192	111.92838	Undivided	Main
86	New	3/19/2003	360H-091-0007-07800	Changed	SR-091	7	7.78	Undivided Highway	Outlet	0	41.52063	111.94000	Undivided	Main
87	New	3/19/2003	360H-091-0007-07200	Changed	SR-091	7	7.72	Lateral Drain	Outlet	#VALUE!	41.52063	11.94000	Undivided	Lateral
88	New	3/19/2003	360H-091-0007-03700	Changed	SR-091	7	7.37	Undivided Highway	Outlet	0	41.51680	111.94003	Undivided	Main
89	New	3/19/2003	360H-091-0007-03500	New	SR-091	0	7.35		Outlet	0	41.51650	111.94000	Undivided	Main
90	New	12/18/2002	360H-089-0361-09000	New	SR-089	0	361.9		Outlet	0	41.34982	112.03509		Main

	Insp Status	Inspection Date	CvtID	Inventory Status	Route ID	Ref Post	Accum Mileage	Cvt Cross	GPS Locatn	Elev (ft)	Latitude (deg)	Longitude (deg)	Highwy	Drn Type
91	New	3/19/2003	360H-089-0348-04700	New	SR-089	0	348.47		Outlet	0	41.17075	111.96868	Undivided	Main
92	New	3/19/2003	360H-089-0343-03300	New	SR-089	0	343.33		Outlet	0	41.11885	111.90837	Undivided	Main
93	New	12/17/2002	360H-089-0262-00000	New	SR-089	0	262		Outlet	0	39.78295	111.49320		Main
94	New	12/17/2002	360H-089-0261-04000	New	SR-089	0	261.4			0	39.77412	111.48912		Main
95	New	12/17/2002	360H-089-0261-03200	Changed	SR-089	261	261.32	Undivided Highway	Outlet	#VALUE!	39.77171	111.48797		Main
96	New	12/17/2002	360H-089-0261-00000	New	SR-089	0	261		Inlet	0	39.77967	111.49171		Main
97	New	12/17/2002	360H-089-0231-05800	Changed	SR-089	231	231.58	Lateral Drain		#VALUE!	39.38284	111.58408		Main
98	New	12/17/2002	360H-089-0231-04600	Changed	SR-089	231	231.46	Lateral Drain	Outlet	#VALUE!	39.38223	111.58479		Main
99	New	10/17/2003	360H-089-0138-09000	Changed	SR-089	138	138.9	Undivided Highway	Outlet	6467	37.92507	112.42722	Undivided	Main
100	New	10/17/2003	360H-089-0118-06400	New	SR-089	0	118.64		Inlet	6808	37.67052	112.41265	Undivided	Main
101	New	10/17/2003	360H-089-0094-04200	Changed	SR-089	94	94.42	Undivided Highway	Inlet	6263	37.37310	112.59438	Undivided	Main
102	New	10/18/2003	360H-089-0075-03200	Changed	SR-089	75	75.32	Undivided Highway	Outlet	6023	37.17015	112.61118	Undivided	Edge
103	New	10/18/2003	360H-089-0067-04100	Changed	SR-089	67	67.41	Undivided Highway	Inlet	4924	37.06175	112.53772	Undivided	Main
104	New	12/18/2002	360H-084-0031-04800	New	SR-084	0	31.48		Inlet	0	41.80478	112.31961		Main
105	New	12/18/2002	360H-084-0031-02400	New	SR-084	0	31.24		Inlet	0	41.80570	112.32389		Main
106	New	12/18/2002	360H-084-0020-02600	New	SR-084	0	20.26		Outlet	0	41.88507	112.49205		Main
107	New	12/18/2002	360H-084-0019-08000	New	SR-084	0	19.8		Inlet	0	41.89055	112.50981		Main
108	New	12/18/2002	360H-084-0018-04000	New	SR-084	0	18.4		Inlet	0	41.89456	112.52481		Main
109	New	12/18/2002	360H-084-0018-02800	Changed	SR-084	18	18.28	Divided Highway Both		#VALUE!	41.89522	112.52702	Divided	Main
110	New	12/18/2002	360H-083-0029-09000	New	SR-083	0	29.9		Inlet	0	41.88507	112.49205		Main
111	New	12/18/2002	360H-083-0027-06900	New	SR-083	0	27.69			0	41.76638	112.43496		Main
112	New	7/11/2003	360H-080-0193-08100	Changed	SR-080	193	193.81	Divided Highway Primary	Outlet	6722	41.24720	111.06740	Divided	Main
113	New	7/11/2003	360H-080-0182-01500	Changed	SR-080	182	182.15	Lateral Drain		#VALUE!	#VALUE!	#VALUE!	Divided	Lateral
114	New	7/11/2003	360H-080-0170-00400	New	SR-080	0	170.04		Inlet	5772	41.01060	111.37550	Divided	Lateral
115	New	12/18/2002	360H-080-0138-05600	New	SR-080	0	138.56		Outlet	0	40.74635	111.64520		Main
116	New	12/18/2002	360H-080-0138-01000	New	SR-080	0	138.1		Inlet	0	40.74400	111.65337		Main
117	New	3/21/2003	360H-080-0136-06600	Changed	SR-080	136	136.66	Divided Highway Primary	Outlet	#VALUE!	40.74242	111.68257	Divided	Main
118	New	3/21/2003	360H-080-0136-04001	Changed	SR-080	136	136.4001	Divided Highway Opposite	Outlet	#VALUE!	40.74233	111.68572	Divided	Main
119	New	3/21/2003	360H-080-0136-04000	Changed	SR-080	136	136.4001	Divided Highway Opposite	Outlet	#VALUE!	40.74233	111.68572	Divided	Main
120	New	3/21/2003	360H-080-0135-09900	New	SR-080	0	135.99		Outlet	0	40.74332	111.69013	Divided	Main
121	New	12/18/2002	360H-080-0135-09700	New	SR-080	0	135.97		Inlet	0	40.74336	111.69009		Main
122	New	3/21/2003	360H-080-0135-04000	Changed	SR-080	0	135.04		Outlet	0	40.74827	111.70008	Divided	Main
123	New	12/18/2002	360H-080-0135-03001	Changed	SR-080	135	135.3001	Divided Highway Primary	Inlet	#VALUE!	40.74823	111.70009		Main
124	New	12/18/2002	360H-080-0135-03000	Changed	SR-080	135	135.3	Divided Highway Both	Outlet	#VALUE!	40.74617	111.69680	Divided	Main
125	New	3/21/2003	360H-080-0135-01001	Changed	SR-080	135	135.1001	Divided Highway Primary	Outlet	#VALUE!	40.74617	111.69680	Divided	Main
126	New	3/21/2003	360H-080-0135-01000	Changed	SR-080	135	135.1	Divided Highway Both	Outlet	#VALUE!	40.74617	111.69680	Divided	Main
127	New	12/18/2002	360H-080-0135-00000	New	SR-080	0	135		Inlet	0	40.74870	111.70702		Main
128	New	12/18/2002	360H-080-0134-06000	New	SR-080	0	134.6		Inlet	0	40.75067	111.71437		Main
129	New	7/12/2003	360H-080-0110-08101	Changed	SR-080	110	110.8101	Divided Highway Primary		4227	40.77120	112.07460	Divided	Main
130	New	7/12/2003	360H-080-0109-09500	Changed	SR-080	109	109.95	Divided Highway Opposite	Outlet	4220	40.77112	112.09610	Divided	Main
131	New	7/12/2003	360H-080-0109-06810	New	SR-080	0	109.681		Outlet	4209	40.77088	112.09977	Divided	Main
132	New	7/12/2003	360H-080-0109-06800	Changed	SR-080	109	109.68	Lateral Drain	Outlet	4220	40.77112	112.09610	Divided	Main
133	New	3/17/2003	360H-080-0108-07000	New	SR-080	108	108.7		Outlet	#VALUE!	40.77112	112.11937		Main
134	New	7/12/2003	360H-080-0108-06200	Changed	SR-080	108	108.62	Divided Highway Opposite	Outlet	4216	40.77110	112.11933	Divided	Main
135	New	7/12/2003	360H-080-0107-08100	Changed	SR-080	107	107.81	Divided Highway Opposite	Outlet	4218	40.77112	112.12757	Divided	Main
136	New	3/17/2003	360H-080-0106-01000	New	SR-080	106	106.1	Divided Highway Primary	Outlet	#VALUE!	40.76115	112.16323	Divided	Main

	Insp Status	Inspection Date	CvtID	Inventory Status	Route ID	Ref Post	Accum Mileage	Cvt Cross	GPS Locatn	Elev (ft)	Latitude (deg)	Longitude (deg)	Highwy	Drn Type
137	New	3/17/2003	360H-080-0105-06901	Changed	SR-080	105	105.7	Lateral Drain	Outlet	#VALUE!	40.75443	112.16795		Lateral
138	New	3/17/2003	360H-080-0105-03200	Changed	SR-080	105	105.32	Divided Highway Opposite	Outlet	#VALUE!	40.75482	112.17120	Divided	Main
139	New	3/17/2003	360H-080-0104-08200	Changed	SR-080	104	104.82	Lateral Drain	Outlet	#VALUE!	40.74688	112.18163		Lateral
140	New	7/12/2003	360H-080-0081-00900	Changed	SR-080	81	81.09	Divided Highway Opposite	Outlet	4231	40.72513	112.56990	Divided	Main
141	New	3/17/2003	360H-080-0060-01900	Changed	SR-080	60	60.19	Divided Highway Primary	Outlet	#VALUE!	40.80842	112.93207		Main
142	New	10/13/2003	360H-080-0058-02000	Changed	SR-080	58	58.2	Divided Highway Primary	Inlet	4480	40.78573	112.96097	Undivided	Main
143	New	3/17/2003	360H-080-0055-02800	Changed	SR-080	55	55.28	Divided Highway Opposite	Outlet	#VALUE!	40.76347	112.98012	Divided	Main
144	New	3/17/2003	360H-080-0053-03000	New	SR-080	53	53.3	Divided Highway Primary	Outlet	#VALUE!	40.75375	113.03215		Main
145	New	10/13/2003	360H-080-0048-08100	Changed	SR-080	48	48.81	Divided Highway Primary	Inlet	4305	40.72747	113.12827	Divided	Main
146	New	10/13/2003	360H-080-0047-09800	New	SR-080	0	47.98		Outlet	4314	40.72733	113.12830	Divided	Main
147	New	10/13/2003	360H-080-0019-07800	New	SR-080	0	19.78		Outlet	4178	40.73575	113.66793	Divided	Main
148	New	10/13/2003	360H-080-0011-08800	Changed	SR-080	11	11.88	Divided Highway Primary	Inlet	4227	40.73782	113.82090	Divided	Main
149	New	10/13/2003	360H-080-0001-04200	Changed	SR-080	1	1.42	Divided Highway Both	Inlet	4249	40.74588	114.01867	Divided	Main
150	New	7/15/2003	360H-072-0028-09900	Changed	SR-072	28	28.99	Undivided Highway		7685	38.69983	111.39857	Undivided	Main
151	New	7/15/2003	360H-072-0028-09800	Changed	SR-072	28	28.98	Undivided Highway		7682	38.69983	111.39857	Undivided	Main
152	New	7/15/2003	360H-072-0007-01000	New	SR-072	0	7.1			7468	38.46942	111.57877	Undivided	Main
153	New	10/15/2003	360H-070-0172-09700	Changed	SR-070	172	172.97	Divided Highway Opposite	Inlet	4421	38.92530	109.98518	Divided	Main
154	New	3/26/2003	360H-070-0156-08300	Changed	SR-070	156	156.83	Divided Highway Primary	Outlet	4325	38.96005	110.29328	Undivided	Main
155	New	3/26/2003	360H-070-0155-06200	New	SR-070	155	155.62	Divided Highway Primary	Outlet	4390	38.95273	110.31282	Divided	Main
156	New	3/26/2003	360H-070-0152-08700	Changed	SR-070	152	152.87	Divided Highway Primary	Outlet	4411	38.95023	110.31822	Divided	Main
157	New	3/26/2003	360H-070-0138-05400	New	SR-070	0	138.54		Outlet	6463	38.90568	110.53425	Divided	Main
158	New	3/26/2003	360H-070-0138-02200	New	SR-070	0	138.22		Outlet	6498	38.90510	110.54120	Divided	Main
159	New	3/26/2003	360H-070-0122-09800	New	SR-070	0	122.98		Outlet	6955	38.87097	110.76882	Divided	Main
160	New	3/26/2003	360H-070-0109-02600	New	SR-070	0	109.26		Outlet	6121	38.84718	110.99980	Divided	Main
161	New	3/26/2003	360H-070-0081-08700	New	SR-070	0	81.87		Outlet	7592	38.78773	111.50067	Divided	Main
162	New	3/26/2003	360H-070-0054-09900	New	SR-070	0	54.99		Outlet	5240	38.91905	111.87955	Divided	Main
163	New	3/26/2003	360H-070-0036-02400	New	SR-070	0	36.24		Outlet	5350	38.73875	112.11398	Divided	Main
164	New	3/26/2003	360H-070-0015-07400	New	SR-070	0	15.74		Outlet	6220	38.55550	112.36362	Divided	Main
165	New	3/26/2003	360H-070-0015-02200	New	SR-070	0	15.22		Outlet	6387	38.55003	112.36982	Divided	Main
166	New	10/19/2003	360H-068-0035-05600	Changed	SR-068	35	35.56	Undivided Highway	Outlet	4741	40.42587	111.92687	Undivided	Main
167	New	10/19/2003	360H-068-0020-01900	Changed	SR-068	20	20.19	Undivided Highway	Outlet	4654	40.21970	111.88148	Undivided	Main
168	New	10/19/2003	360H-068-0005-08500	Changed	SR-068	5	5.85	Undivided Highway	Inlet	4641	40.03645	111.95827	Undivided	Main
169	New	3/21/2003	360H-065-0001-03500	Changed	SR-065	1	1.35	Undivided Highway	Outlet	#VALUE!	40.76872	111.71095	Undivided	Main
170	New	3/21/2003	360H-065-0001-01800	Changed	SR-065	1	1.18	Lateral Drain	Outlet	#VALUE!	40.76650	111.71000	Undivided	Main
171	New	10/17/2003	360H-062-0042-00500	Changed	SR-062	42	42.05	Undivided Highway	Outlet	6969	38.56097	111.85517	Undivided	Main
172	New	10/17/2003	360H-062-0028-05400	Changed	SR-062	28	28.54	Undivided Highway	Inlet	6769	38.39497	111.93150	Undivided	Main
173	New	10/17/2003	360H-062-0002-03300	New	SR-062	0	2.33		Outlet	6078	38.20193	112.17473	Undivided	Main
174	New	3/18/2003	360H-040-0138-04000	New	SR-040	138	138.4		Outlet	#VALUE!	40.37760	109.60590	Undivided	Main
175	New	3/18/2003	360H-040-0137-05900	Changed	SR-040	137	137.59	Undivided Highway	Outlet	#VALUE!	40.36647	109.61400	Undivided	Main
176	New	3/18/2003	360H-040-0137-02400	Changed	SR-040	137	137.24	Undivided Highway	Outlet	#VALUE!	40.36277	109.61633	Undivided	Main
177	New	3/21/2003	360H-040-0001-08200	Changed	SR-040	1	1.82	Divided Highway Primary	Outlet	#VALUE!	40.71523	111.48190	Divided	Main
178	New	3/21/2003	360H-040-0001-03100	Changed	SR-040	1	1.31	Divided Highway Both	Outlet	#VALUE!	40.71663	111.48670	Divided	Main
179	New	7/11/2003	360H-039-0037-04300	Changed	SR-039	37	37.43	Undivided Highway	Inlet	7408	#VALUE!	#VALUE!	Undivided	Main
180	New	7/11/2003	360H-039-0035-04700	Changed	SR-039	35	35.47	Undivided Highway	Inlet	6683	#VALUE!	#VALUE!	Undivided	Main
181	New	7/11/2003	360H-039-0017-00000	Changed	SR-039	17	17	Undivided Highway	Inlet	4916	41.24950	111.78480	Undivided	Main

	Insp Status	Inspection Date	CvtID	Inventory Status	Route ID	Ref Post	Accum Mileage	Cvt Cross	GPS Locatn	Elev (ft)	Latitude (deg)	Longitude (deg)	Highwy	Drn Type
182	New	7/11/2003	360H-039-0014-02100	Changed	SR-039	14	14.21	Undivided Highway	Outlet	4905	41.25560	111.83460	Undivided	Main
183	New	7/11/2003	360H-039-0012-08200	Changed	SR-039	12	12.82	Undivided Highway	Outlet	4734	41.25440	111.85950	Undivided	Main
184	New	7/11/2003	360H-039-0011-03400	Changed	SR-039	11	11.34	Undivided Highway	Outlet	4664	41.24930	111.88345	Undivided	Main
185	New	10/14/2003	360H-035-0047-09000	Changed	SR-035	47	47.9	Undivided Highway	Outlet	6371	40.30818	110.63768	Undivided	Main
186	New	10/14/2003	360H-035-0036-01000	Changed	SR-035	36	36.1	Undivided Highway	Outlet	6913	40.42128	110.79670	Undivided	Main
187	New	10/14/2003	360H-035-0016-09900	Changed	SR-035	16	16.99	Undivided Highway	Outlet	8579	40.50550	111.04660	Undivided	Main
188	New	10/14/2003	360H-035-0002-07400	New	SR-035	0	2.74		Outlet	6710	40.59242	111.24240	Undivided	Main
189	New	10/14/2003	360H-035-0002-02200	Changed	SR-035	2	2.22	Undivided Highway	Outlet	6705	40.59953	111.24187	Undivided	Main
190	New	12/17/2002	360H-028-0017-00500	New	SR-028	0	17.05		Inlet	0	39.38386	111.92764		Main
191	New	12/17/2002	360H-028-0016-09800	New	SR-028	0	16.98		Outlet	0	39.38047	111.92760		Main
192	New	10/17/2003	360H-024-0109-03100	New	SR-024	0	109.31		Inlet	4438	38.36942	110.84393	Undivided	Main
193	New	7/15/2003	360H-024-0066-01000	Changed	SR-024	66	66.1	Undivided Highway		6948	38.30253	111.47315	Undivided	Main
194	New	7/15/2003	360H-024-0061-01500	Changed	SR-024	61	61.15	Lateral Drain		7097	38.33998	111.54028	Undivided	Main
195	New	3/19/2003	360H-023-0004-09200	Changed	SR-023	4	4.92	Lateral Drain	Outlet	#VALUE!	41.68038	111.96125	Undivided	Main
196	New	7/13/2003	360H-021-0103-03400	Changed	SR-021	103	103.34	Undivided Highway	Outlet	5744	38.27377	112.71035	Undivided	Main
197	New	7/13/2003	360H-021-0100-00700	Changed	SR-021	100	100.07	Undivided Highway	Outlet	5564	38.25517	112.76373	Undivided	Main
198	New	7/13/2003	360H-021-0093-07000	Changed	SR-021	93	93.7	Undivided Highway	Outlet	5398	38.21535	112.85987	Undivided	Main
199	New	7/13/2003	360H-021-0084-02900	Changed	SR-021	84	84.29	Undivided Highway	Outlet	5227	38.29495	112.96842	Undivided	Main
200	New	7/13/2003	360H-021-0084-01000	Changed	SR-021	84	84.1	Undivided Highway	Outlet	5236	38.30268	112.96928	Undivided	Main
201	New	10/18/2003	360H-021-0060-01500	Changed	SR-021	60	60.15	Undivided Highway	Outlet	5908	38.43408	113.28395	Undivided	Main
202	New	10/18/2003	360H-021-0030-03800	Changed	SR-021	30	30.38	Undivided Highway	Outlet	5725	38.57258	113.79092	Undivided	Main
203	New	10/18/2003	360H-021-0008-05500	Changed	SR-021	8	8.55	Undivided Highway	Inlet	5391	38.83988	113.99123	Undivided	Main
204	New	3/24/2003	360H-018-0004-04500	New	SR-018	0	4.45		Outlet	3110	37.14242	113.60497	Undivided	Main
205	New	3/24/2003	360H-018-0003-07100	New	SR-018	0	3.71		Outlet	2989	37.13175	113.60272		Edge
206	New	3/24/2003	360H-018-0003-02200	Changed	SR-018	3	3.22	Lateral Drain	Outlet	2840	37.12523	113.60050		Edge
207	New	7/11/2003	360H-016-0004-03700	New	SR-016	0	4.37		Inlet	6462	41.46210	111.10035	Undivided	Main
208	New	12/18/2002	360H-015-0380-08100	New	SR-015	0	380.81		Outlet	0	41.69203	112.16589		Main
209	New	12/18/2002	360H-015-0380-00600	Changed	SR-015	380	380.06	Divided Highway Both	Inlet	#VALUE!	41.68697	112.15503		Main
210	New	3/19/2003	360H-015-0356-02800	New	SR-015	0	356.28		Outlet	0	41.36420	112.04273	Divided	Main
211	New	3/19/2003	360H-015-0356-00800	New	SR-015	0	356.08		Outlet	0	41.36145	112.04288	Divided	Main
212	New	12/18/2002	360H-015-0352-03200	Changed	SR-015	352	352.32	Divided Highway Both	Inlet	#VALUE!	41.31233	112.02557		Main
213	New	12/18/2002	360H-015-0351-04500	Changed	SR-015	351	351.45	Divided Highway Both	Outlet	#VALUE!	41.29891	112.02633		Main
214	New	12/18/2002	360H-015-0351-00200	Changed	SR-015	351	351.02	Divided Highway Both	Outlet	#VALUE!	41.29198	112.02639		Main
215	New	3/22/2003	360H-015-0283-06000	Changed	SR-015	0	283.06		Outlet	4636	40.42543	111.88417	Divided	Main
216	New	3/22/2003	360H-015-0283-03700	Changed	SR-015	283	283.37	Divided Highway Both	Outlet	4639	40.42287	111.88135	Divided	Main
217	New	12/17/2002	360H-015-0272-06500	Changed	SR-015	272	272.65	Divided Highway Both	Inlet	#VALUE!	40.28615	111.72537		Main
218	New	12/17/2002	360H-015-0272-05500	Changed	SR-015	272	272.55	Divided Highway Both		#VALUE!	40.28471	111.72574		Main
219	New	3/22/2003	360H-015-0267-05300	New	SR-015	0	267.53		Outlet	4594	40.25558	111.70013	Divided	Main
220	New	3/22/2003	360H-015-0267-03900	New	SR-015	0	267.39		Outlet	4600	40.25410	111.69852	Divided	Main
221	New	3/26/2003	360H-015-0256-03600	New	SR-015	0	256.36		Outlet	4545	40.11472	111.66890	Divided	Main
222	New	12/17/2002	360H-015-0244-04700	Changed	SR-015	244	244.47	Divided Highway Both	Inlet	#VALUE!	39.94284	111.80975		Main
223	New	3/26/2003	360H-015-0183-04600	New	SR-015	0	183.46		Outlet	5860	39.20002	112.17867	Divided	Main
224	New	3/26/2003	360H-015-0172-05201	New	SR-015	172	172.5201	Divided Highway Primary	Outlet	5109	39.06737	112.28367	Divided	Main
225	New	3/26/2003	360H-015-0172-05200	Changed	SR-015	172	172.52	Divided Highway Primary	Outlet	5109	39.06737	112.28367	Divided	Main
226	New	3/26/2003	360H-015-0167-03300	New	SR-015	0	167.33		Outlet	5110	38.99738	112.31820	Divided	Main
227	New	3/26/2003	360H-015-0147-05900	Changed	SR-015	147	147.59	Divided Highway Opposite	Outlet	4829	38.77460	112.54408	Divided	Main
228	New	3/26/2003	360H-015-0139-05900	Changed	SR-015	139	139.59	Divided Highway Opposite	Outlet	5700	38.67643	112.59258	Divided	Main
229	New	3/24/2003	360H-015-0063-01301	New	SR-015	0	63.13		Outlet	5676	37.73387	113.04677	Divided	Edge

	Insp Status	Inspection Date	CvtID	Inventory Status	Route ID	Ref Post	Accum Mileage	Cvt Cross	GPS Locatn	Elev (ft)	Latitude (deg)	Longitude (deg)	Highwy	Drn Type
230	New	3/24/2003	360H-015-0063-01300	New	SR-015	0	63.13		Outlet	5676	37.73387	113.04677	Divided	Edge
231	New	3/24/2003	360H-015-0023-05800	New	SR-015	0	23.58		Outlet	3515	37.24095	113.35570	Divided	Main
232	New	3/24/2003	360H-015-0001-02900	New	SR-015	0	1.29		Outlet	2690	37.01673	113.61148		Edge
233	New	3/24/2003	360H-015-0001-02400	New	SR-015	0	1.24		Outlet	2693	37.01615	113.61252	Divided	Main
234	New	3/24/2003	360H-015-0001-02000	New	SR-015	0	1.2		Outlet	2693	37.01562	113.62922		Edge
235	New	3/24/2003	360H-015-0000-02500	New	SR-015	0	0.25		Outlet	2707	37.00420	113.62125	Divided	Main
236	New	3/19/2003	360H-013-0031-01600	Changed	SR-013	31	31.16	Undivided Highway	Outlet	#VALUE!	41.87220	112.14813	Undivided	Main
237	New	3/19/2003	360H-013-0030-01500	Changed	SR-013	30	30.15	Undivided Highway	Outlet	#VALUE!	41.85765	112.14645	Undivided	Main
238	New	7/14/2003	360H-012-0097-06100	Changed	SR-012	97	97.61	Undivided Highway	Outlet	9123	38.01205	111.37447	Undivided	Main
239	New	7/14/2003	360H-012-0070-09500	New	SR-012	0	70.95		Outlet	5789	37.74617	111.45028	Undivided	Main
240	New	7/14/2003	360H-012-0070-09400	Changed	SR-012	70	70.94	Undivided Highway	Outlet	5797	37.46080	111.45098	Undivided	Main
241	New	7/14/2003	360H-012-0070-08000	Changed	SR-012	70	70.8	Undivided Highway	Outlet	5866	37.74518	111.45103	Undivided	Main
242	New	7/14/2003	360H-012-0070-07990	New	SR-012	0	70.799		Outlet	5869	37.74513	111.45097	Undivided	Slope
243	New	7/14/2003	360H-012-0064-01900	Changed	SR-012	64	64.19	Undivided Highway	Outlet	5805	37.73337	111.54062	Undivided	Main
244	New	7/14/2003	360H-012-0052-08600	Changed	SR-012	52	52.86	Undivided Highway	Outlet	6292	37.74310	111.70692	Undivided	Main
245	New	7/14/2003	360H-012-0039-01500	Changed	SR-012	39	39.15	Undivided Highway	Outlet	6903	37.62162	111.86495	Undivided	Main
246	New	7/14/2003	360H-012-0023-03600	Changed	SR-012	23	23.36	Undivided Highway	Outlet	6083	37.60262	112.06062	Undivided	Main
247	New	7/14/2003	360H-012-0023-03000	Changed	SR-012	23	23.3	Undivided Highway	Outlet	6107	37.60350	112.06057	Undivided	Main
248	New	7/14/2003	360H-012-0017-00100	Changed	SR-012	17	17.01	Undivided Highway	Outlet	6903	37.66830	112.10970	Undivided	Main
249	New	7/14/2003	360H-012-0006-05000	Changed	SR-012	6	6.5	Undivided Highway	Outlet	7554	37.72817	112.27115	Undivided	Main
250	New	7/14/2003	360H-012-0000-05000	Changed	SR-012	0	0.5	Lateral Drain	Outlet	6792	37.74900	112.36490	Undivided	Main
251	New	7/15/2003	360H-010-0048-02100	Changed	SR-010	48	48.21	Undivided Highway		5774	38.33918	110.95765	Undivided	Main
252	New	7/15/2003	360H-010-0034-04700	New	SR-010	0	34.47			5713	38.17342	111.05095	Undivided	Main
253	New	7/15/2003	360H-010-0022-01300	Changed	SR-010	22	22.13	Undivided Highway		6255	38.02457	111.13473	Undivided	Main
254	New	7/15/2003	360H-010-0021-09700	Changed	SR-010	21	21.97	Undivided Highway		6240	38.02270	111.13692	Undivided	Main
255	New	7/15/2003	360H-010-0012-09400	New	SR-010	0	12.94			6219	38.92362	111.24287	Undivided	Lateral
256	New	7/15/2003	360H-010-0010-03200	Changed	SR-010	10	10.32	Undivided Highway		6319	38.89945	111.27537	Undivided	Main
257	New	7/15/2003	360H-010-0000-04300	Changed	SR-010	0	0.43	Undivided Highway		6433	38.77480	111.34837	Undivided	Main
258	New	10/18/2003	360H-009-0042-08000	New	SR-009	0	42.8		Outlet	5618	37.22723	112.88432	Undivided	Main
259	New	10/18/2003	360H-009-0016-04500	Changed	SR-009	16	16.45	Undivided Highway	Inlet	3555	37.20653	113.22020	Undivided	Main
260	New	10/15/2003	360H-006-0286-07500	Changed	SR-006	286	286.75	Undivided Highway	Inlet	4633	39.14162	110.33663	Undivided	Main
261	New	10/14/2003	360H-006-0253-08400	Changed	SR-006	253	253.84	Undivided Highway	Inlet	5735	39.54067	110.60840	Undivided	Main
262	New	12/17/2002	360H-006-0185-08500	Changed	SR-006	185	185.85	Undivided Highway		#VALUE!	#VALUE!	#VALUE!		Main
263	New	12/17/2002	360H-006-0185-06700	Changed	SR-006	185	185.67	Undivided Highway		#VALUE!	#VALUE!	#VALUE!		Main
264	New	12/17/2002	360H-006-0185-00000	New	SR-006	0	185		Inlet	0	40.00609	111.49545		Main
265	New	12/17/2002	360H-006-0184-07500	New	SR-006	0	184.75		Outlet	0	40.00768	111.49578		Main
266	New	10/19/2003	360H-006-0151-07500	Changed	SR-006	151	151.75	Undivided Highway	Inlet	4622	39.95227	111.93148	Undivided	Main
267	New	10/19/2003	360H-006-0144-05100	Changed	SR-006	144	144.51	Undivided Highway	Inlet	5948	39.96702	112.05690	Undivided	Main
268	New	10/19/2003	360H-006-0124-06200	Changed	SR-006	124	124.62	Undivided Highway	Inlet	5461	39.75590	112.18078	Undivided	Main
269	New	10/19/2003	360H-006-0108-03900	New	SR-006	0	108.39		Outlet	4831	39.56523	112.34710	Undivided	Main
270	New	10/19/2003	360H-006-0075-09800	New	SR-006	0	75.98		Outlet	4585	39.30673	112.79398	Undivided	Main
271	New	10/18/2003	360H-006-0055-00200	Changed	SR-006	55	55.02	Undivided Highway	Outlet	4616	39.12852	113.10622	Undivided	Main
272	New	10/18/2003	360H-006-0024-05100	Changed	SR-006	24	24.51	Undivided Highway	Inlet	5960	39.08967	113.60688	Undivided	Main

	IltLongOffset	IltEndTrtmnt	Ilt Constr	IltType	IltSide	OtltEndTrtmnt	Otlt Constr	OtltType	OtltSide	Invert Drop	Brl Count	Drop Inlet Count	Brl Length (ft)
1	0.48	Preformed		Side Tapered Circular	Right	Preformed		Side Tapered Circular	Left	0	1	0	200
2	0.04	Projecting		NA	Right	Projecting			Left	0	1	0	50
3	0.401	Preformed		Side Tapered Circular	Left	Preformed		Side Tapered Circular	Right	0	2	0	50
4	0.4	Preformed		Side Tapered Circular	Left	Preformed		Side Tapered Circular	Right	0	3	0	50
5	0.33	Projecting		NA	Left	Energy Dissipater	Cast in-Place		Right	0	1	0	55
6	0.77	None		NA	Left	Projecting			Right	0	1	0	50
7	0.81	None		NA	Left	None			Right	0	1	0	50
8	0	Projecting			Left	Projecting			Right	0	1	0	50
9	0	Projecting			Left	Projecting			Right	0	1	0	50
10	0	None		NA	Left	Preformed		Side Tapered Circular	Left	0	1	1	250
11	0	None		NA	Right	None		NA	Right	0	1	1	0
12	0	None		NA	Left	None		NA	Left	0	1	1	0
13	0.26	None		NA	Median	Preformed		Side Tapered Circular	Median	0	1	0	150
14	0	Preformed		Side Tapered Circular	Left	None		NA	Left	0	1	0	150
15	0	None		NA	Left	Preformed		Side Tapered Circular	Left	0	1	1	150
16	0.42	None		Flat Bottom	Right	Preformed		NA	Right	0	1	0	150
17	0.88	Projecting		NA	Left	Projecting			Right	0	1	0	50
18	0.22	Projecting		NA	Left	Wing wall			Right	0	1	0	40
19	0.9	Projecting		NA	Right	Projecting			Left	0	1	0	50
20	0.86	Projecting		NA	Right	Projecting			Left	0	1	0	50
21	0.15	Projecting		NA	Right	Projecting			Left	0	1	0	50
22	0	Projecting			Right	Projecting			Left	0	1	0	50
23	0.95	Projecting		NA	Left	Projecting		NA	Left	0	1	0	50
24	0.45	Energy Dissipater		Side Tapered Circular	Right	Energy Dissipater		Side Tapered Circular	Right	0	1	0	45
25	0	None		NA	Left	None		NA	Right	0	2	0	50
26	0	Other-see comments		Other-see comments	Left	Projecting		NA	Right	0	1	0	120
27	0.38	Projecting		NA	Right	Projecting			Left	0	1	0	93
28	0.02	Preformed		Side Tapered Circular	Left	Preformed		Side Tapered Rectangular	Right	0	1	0	90
29	0.64	Preformed		Side Tapered Circular	Left	Preformed		Side Tapered Circular	Right	0	2	0	100
30	0	Preformed		Side Tapered Circular	Right	Projecting		NA	Left	0	1	0	70
31	0.74	Projecting		NA	Left	Projecting		NA	Right	0	1	0	85
32	0	Projecting			Left	Projecting			Right	0	1	0	65
33	0.36	Preformed		NA	Left	Preformed		NA	Left	0	1	0	50
34	0.12	Preformed		NA	Left	Preformed		NA	Left	0	1	0	50
35	0.91	Preformed		NA	Left	Preformed		NA	Left	0	1	0	50
36	0.91	Preformed		NA	Left	Preformed		NA	Left	0	1	0	95
37	0	Preformed		NA	Left	Preformed		NA	Left	0	1	0	100
38	0.46	Preformed		NA	Left	Preformed		NA	Left	0	1	0	100
39	0.91	Preformed		Side Tapered Circular	Left	Projecting			Right	0	1	0	158
40	0.77	Preformed		Side Tapered Circular	Left	Preformed		Side Tapered Circular	Right	0	1	0	166
41	0	Preformed		Side Tapered Circular	Left	Preformed		Side Tapered Circular	Right	0	1	0	150

	IltLongOffset	IltEndTrtmnt	Ilt Constr	IltType	IltSide	OtltEndTrtmnt	Otlt Constr	OtltType	OtltSide	Invert Drop	Brl Count	Drop Inlet Count	Brl Length (ft)
42	0.72	Preformed		Side Tapered Circular	Left	Preformed		Side Tapered Circular	Right	0	1	0	87
43	0.81	Preformed		Side Tapered Circular	Right	Preformed		Side Tapered Circular	Left	0	1	0	82
44	0.57	Projecting		NA	Left	None			Right	0	1	0	130
45	0.79	None		NA	Right	None			Left	0	1	0	73
46	0.31	None		NA	Left	Projecting		NA	Left	0	1	0	45
47	0	Headwall	Cast in-Place	NA	Left	Projecting		NA	Left	0	1	0	45
48	0	None		NA	Left	Projecting		NA	Left	0	1	0	20
49	0	Headwall	Cast in-Place	NA	Right	Headwall	Cast in-Place	NA	Right	0	2	0	35
50	0	Headwall	Cast in-Place	NA	Right	Headwall	Cast in-Place	NA	Right	0	2	0	35
51	0.47	Projecting		NA	Left	Projecting			Right	0	1	0	50
52	0.77	Projecting		NA	Left	None			Right	0	1	0	50
53	0.26	None		NA	Right	Projecting			Left	0	1	0	53
54	0	None			Left	Projecting			Right	0	1	0	50
55	0	Projecting			Left	Headwall	Cast in-Place		Right	0	1	0	50
56	0	Projecting			Right	Projecting			Left	0	1	0	50
57	0.1	Projecting		NA	Right	Projecting			Left	0	1	0	50
58	0.38	Projecting		NA	Right	Projecting			Left	0	1	0	50
59	0.21	Preformed		Flat Bottom	Right	Preformed		Flat Bottom	Left	0	1	0	60
60	0.38	Projecting		NA	Right	Projecting			Left	0	1	0	50
61	0	Preformed		Flat Bottom	Left	Preformed		Flat Bottom	Right	0	1	0	50
62	0	Preformed		Flat Bottom	Left	Preformed		Flat Bottom	Right	0	1	0	50
63	0	Preformed		Flat Bottom	Left	Preformed		Flat Bottom	Right	0	1	0	50
64	0	NA		Flat Bottom	Left	NA		Flat Bottom	Right	0	1	0	50
65	0	Projecting			Right	Projecting			Left	0	2	0	50
66	0.49	Preformed		Side Tapered Circular	Right	Preformed		Side Tapered Circular	Left	0	1	0	60
67	0	Preformed		Side Tapered Circular	Left	Preformed		Side Tapered Circular	Right	0	1	0	60
68	0.99	None		NA	Right	Projecting		NA	Right	0	1	0	70
69	0.88	None		NA	Right	None		NA	Right	0	1	0	106
70	0.22	Projecting		NA	Left	None		NA	Left	0	1	0	75
71	0.73	None		NA	Right	Projecting		NA	Right	0	1	0	75
72	0.95	Preformed		NA	Right	Projecting		NA	Right	0	1	0	75
73	0.96	Headwall		NA	Right	None		NA	Right	0	1	0	150
74	0.44	Projecting		NA	Right	Projecting		NA	Right	0	1	0	100
75	0.39	Headwall	Cast in-Place	Flat Bottom	Left	Headwall	Cast in-Place	Flat Bottom	Right	0	1	0	60
76	0.24	None		NA	Left	Projecting			Right	0	1	0	60
77	0.91	None		NA	Left	None			Right	0	1	0	54
78	0.56	Projecting		NA	Right	Projecting		NA	Right	0	1	1	80
79	0	Projecting		NA	Right	Projecting		NA	Right	0	1	1	30
80	0.2	Preformed		Side Tapered Circular	Left	Preformed		Side Tapered Circular	Left	0	1	1	80
81	0.38	Preformed		Side Tapered Circular	Left	Preformed		Side Tapered Circular	Left	0	1	1	80
82	0	Preformed		Side Tapered Circular	Left	Preformed		Side Tapered Circular	Left	0	1	1	80
83	0.08	Preformed		Side Tapered Circular	Right	Preformed		Side Tapered Circular	Right	0	1	1	80
84	0.02	Other-see comments		Oversized	Right	None		NA	Median	0	1	1	72
85	0.48	Other-see comments		Oversized	Right	None		NA	Right	0	1	1	0
86	0.78	Headwall	Cast in-Place	Side Tapered Circular	Right	Headwall		NA	Right	0	1	1	380
87	0.72	Headwall	Cast in-Place	NA	Right	Headwall	Cast in-Place	NA	Right	0	1	1	152
88	0.37	None		NA	Left	Preformed		Flat Bottom	Left	0	1	1	179
89	0	None		NA	Left	Projecting		Other-see comments	Left	0	1	0	0
90	0									0	0	0	0

	IltLongOffset	IltEndTrtmnt	Ilt Constr	IltType	IltSide	OtltEndTrtmnt	Otlt Constr	OtltType	OtltSide	Invert Drop	Brl Count	Drop Inlet Count	Brl Length (ft)
91	0	Projecting		Improved Invert	Right	Projecting		Flat Bottom	Right	0	1	1	0
92	0	Preformed	Cast in-Place	Other-see comments	Right	None			Right	0	1	1	0
93	0									0	0	0	0
94	0									0	0	0	0
95	0.32	Preformed		NA	Right	Preformed				0	1	1	98
96	0			Side Tapered Circular						0	0	0	0
97	0.58	None		NA	Right	None				0	1	0	30
98	0.46	None		NA	Right	None				0	1	0	15
99	0.9	Preformed		Side Tapered Circular	Right	Preformed		Side Tapered Circular	Left	0	1	0	60
100	0	Other-see comments		Other-see comments	Left	Preformed		Side Tapered Circular	Right	0	1	0	70
101	0.42	None		NA	Left	None			Right	0	1	0	76
102	0.32	None		NA	Right	None			Right	0	1	0	15
103	0.41	None		NA	Right	None			Left	0	1	0	131
104	0	Headwall								0	0	0	0
105	0			Side Tapered Circular						0	0	0	0
106	0							Side Tapered Circular		0	0	0	0
107	0									0	0	0	0
108	0			Side Tapered Circular						0	0	0	0
109	0.28	Energy Dissipator		NA	Median	None		Side Tapered Circular		0	0	0	292
110	0									0	0	0	0
111	0									0	0	0	0
112	0.81	Preformed		Side Tapered Circular	Median	Preformed		Side Tapered Circular	Left	0	1	0	185
113	0.15	Headwall	Cast in-Place	NA	Right	None			Right	0	1	2	141
114	0	Headwall	Cast in-Place		Left				Left	0	0	0	0
115	0									0	0	0	0
116	0			Side Tapered Circular						0	0	0	0
117	0.66	Projecting		NA	Right	Projecting		NA	Right	0	1	1	#VALUE!
118	0.4001	Preformed		Flat Bottom	Right	Preformed		Side Tapered Circular	Right	0	1	1	200
119	0.4001	Preformed		Flat Bottom	Right	Preformed		Side Tapered Circular	Right	0	1	1	200
120	0	Preformed		Flat Bottom	Right	None		Side Tapered Circular	Right	0	1	1	200
121	0			Side Tapered Circular						0	0	0	0
122	0	Preformed		Side Tapered Circular	Right	None		NA	Right	0	1	0	200
123	0.3001	Headwall		Side Tapered Circular	Right	Preformed				0	2	2	150
124	0.3	Preformed		NA	Right	None		NA	Right	0	1	0	#VALUE!
125	0.1001	Preformed		Side Tapered Circular	Right	Other-see comments	Pre Cast	NA	Right	0	1	2	200
126	0.1	Preformed		NA	Right	Preformed		NA	Right	0	1	1	170
127	0									0	0	0	0
128	0									0	0	0	0
129	0.8101	Preformed		Side Tapered Circular	Median	Preformed		Side Tapered Circular	Left	0	1	0	60
130	0.95	Preformed		Flat Bottom	Median	Preformed		Flat Bottom	Left	0	1	0	60
131	0	Preformed		Flat Bottom	Right	Preformed		Flat Bottom	Median	0	1		60
132	0.68	Preformed		Flat Bottom	Median	Preformed		Flat Bottom	Left	0	1	0	60
133	0.7	Preformed		Side Tapered Circular	Left	Preformed		Side Tapered Circular	Left	0	0	0	0
134	0.62	Preformed		Flat Bottom	Median	Preformed		Flat Bottom	Left	0	1	0	60
135	0.81	Preformed		Flat Bottom	Median	Preformed		Flat Bottom	Left	0	1	0	60
136	0.1	None		NA	Median	Preformed		NA	Median	0	0	0	0

	IltLongOffset	IltEndTrtmnt	Ilt Constr	IltType	IltSide	OtltEndTrtmnt	Otlt Constr	OtltType	OtltSide	Invert Drop	Brl Count	Drop Inlet Count	Brl Length (ft)
137	0.6901	Projecting		NA	Median	Wing wall	Pre Cast	NA	Median	0	1	1	105
138	0.32	Preformed		NA	Median	Preformed		Flat Bottom	Median	0	1	1	105
139	0.82	Preformed		NA	Median	Preformed		NA	Median	0	1	1	105
140	0.09	Preformed		Flat Bottom	Median	Preformed		Flat Bottom	Left	0	1	0	60
141	0.19	None		NA	Right	None		Side Tapered Circular	Right	0	1	1	100
142	0.2	Preformed		Side Tapered Circular	Right	Preformed		Side Tapered Circular	Median	0	1	1	100
143	0.28	Preformed		Side Tapered Circular	Right	Preformed		NA	Right	0	1	0	130
144	0.3				Left	Preformed		NA	Left	0	0	0	0
145	0.81	Preformed		Side Tapered Circular	Median	Preformed		Side Tapered Circular	Right	0	1	0	114
146	0	Preformed		Side Tapered Circular	Median	Preformed		Side Tapered Circular	Right	0	1	0	80
147	0	Projecting		Other-see comments	Median	Projecting		Other-see comments	Left	0	1	0	100
148	0.88	Mitered		Side Tapered Circular	Right	Mitered		Side Tapered Circular	Median	0	20	0	106
149	0.42	Preformed		Side Tapered Circular	Left	Preformed		Side Tapered Circular	Right	0	1	0	155
150	0.99	Preformed		Side Tapered Circular	Right	Preformed		Side Tapered Circular		0	1	0	60
151	0.98	Preformed		Side Tapered Circular	Right	Preformed		Side Tapered Circular		0	1	0	60
152	0	Preformed		Side Tapered Circular		Preformed		Side Tapered Circular		0	1	0	36
153	0.97	Preformed		Side Tapered Circular	Right	Preformed		Side Tapered Circular	Median	0	1	0	250
154	0.83	None		NA	Median	Preformed		NA	Left	0	1	0	145
155	0.62	None		NA	Median	Preformed		NA	Left	0	1	0	145
156	0.87	Preformed		NA	Median	Preformed		NA	Left	0	1	0	145
157	0	Preformed		NA	Median	Preformed		NA	Left	0	1	0	130
158	0	Preformed		NA	Median	Preformed		NA	Left	0	1	0	170
159	0	Headwall		NA	Median	Headwall		NA	Left	0	1	0	60
160	0	Preformed		NA	Median	Preformed		NA	Left	0	1	0	300
161	0	Preformed		NA	Left	Preformed		NA	Median	0	1	0	150
162	0	Preformed		NA	Left	Preformed		NA	Median	0	1	0	150
163	0	Preformed		NA	Left	Preformed		NA	Median	0	1	0	200
164	0	Preformed		NA	Median	Preformed		NA	Left	0	1	0	150
165	0	Preformed		NA	Median	Preformed		NA	Left	0	1	0	150
166	0.56	Headwall	Cast in-Place	NA	Right	Headwall	Cast in-Place		Left	0	1	0	74
167	0.19	None	Pre Cast	Oversized	Left	None	Pre Cast		Right	0	1	0	40
168	0.85	Other-see comments		NA	Right	Other-see comments			Left	0	1	0	34
169	0.35	Preformed		Flat Bottom	Left	None		NA	Left	0	1	1	#VALUE!
170	0.18	Preformed		Side Tapered Circular	Left	None		NA	Left	0	1	1	200
171	0.05	None		NA	Right	None			Left	0	1	0	74
172	0.54	None		NA	Left	Projecting			Right	0	1	0	88
173	0	None			Right	None			Left	0	1	0	70
174	0.4	Wing wall	Cast in-Place	Improved Invert	Right	Wing wall	Cast in-Place	Improved Invert	Right	0	0	0	110
175	0.59	Preformed		NA	Right	Preformed		NA	Right	0	1	0	102
176	0.24	Preformed		Flat Bottom	Left	Preformed	Pre Cast	Flat Bottom	Left	0	1	0	96
177	0.82	Preformed		NA	Right	NA		NA	Right	0	1	1	#VALUE!
178	0.66	Preformed		Flat Bottom	Right	None		NA	Right	0	1	1	200
179	0.43	Headwall	Cast in-Place	Other-see comments	Left	Projecting			Right	0	0	0	60
180	0.47	Projecting		NA	Right	Projecting			Left	0	0	0	70
181	0	None		NA	Right	None				0	0	0	50

	IltLongOffset	IltEndTrtmnt	Ilt Constr	IltType	IltSide	OtltEndTrtmnt	Otlt Constr	OtltType	OtltSide	Invert Drop	Brl Count	Drop Inlet Count	Brl Length (ft)
182	0.21	None		NA	Right	Projecting		NA	Left	0	2	1	60
183	0.82	Preformed	Pre Cast	Other-see comments	Left	None	Pre Cast	NA	Right	0	1	1	50
184	0.34	Preformed	Pre Cast	Other-see comments	Right	Projecting	Pre Cast		Left	0	1	1	60
185	0.9	Preformed		Side Tapered Circular	Left	Preformed		Side Tapered Circular	Right	0	1	0	74
186	0.1	None		NA	Left	None			Right	0	1	0	54
187	0.99	Preformed		Side Tapered Circular	Left	Preformed		Side Tapered Circular	Right	0	1	0	86
188	0	None		NA	Left	None		NA	Right	0	1	0	50
189	0.22	None	Pre Cast	NA	Left	None	Pre Cast	NA	Right	0	1	0	39
190	0					Headwall				0	0	0	0
191	0					Headwall				0	0	0	0
192	0	None			Left	None			Right	0	0	0	55
193	0.1	Projecting		NA	Right	Projecting		Side Tapered Circular		0	1	0	50
194	0.15	Headwall		NA	Right	Preformed		Side Tapered Circular		0	2	0	30
195	0.92	Other-see comments		NA	Left	Projecting		NA	Left	0	1	1	36
196	0.34	Projecting		NA	Left	Projecting			Right	0	1	0	50
197	0.07	Projecting		NA	Right	Projecting			Left	0	1	0	50
198	0.7	Projecting		NA	Left	Projecting	Cast in-Place	Side Tapered Circular	Right	0	1	0	60
199	0.29	Energy Dissipater	Cast in-Place	NA	Left	Headwall	Cast in-Place		Right	0	1	0	60
200	0.1	Projecting		NA	Left	Projecting			Right	0	1	0	50
201	0.15	None		NA	Right	Mitered			Left	0	1	0	60
202	0.38	None		NA	Right	None			Left	0	1	0	42
203	0.55	Preformed		Side Tapered Circular	Left	Preformed		Side Tapered Circular	Right	0	1	0	67
204	0	None		NA	Right	None		NA	Right	0	1	0	100
205	0	Preformed		NA	Right	Preformed		NA	Right	0	1	0	25
206	0.22	Preformed		NA	Right	None		NA	Right	0	1	0	50
207	0	Projecting			Left	Projecting			Right	0	0	0	60
208	0									0	0	0	60
209	0.06	Preformed		NA	Right	Preformed				0	1	2	650
210	0	Projecting		NA	Right	None		NA	Right	0	1	1	0
211	0	None		NA	Left	Preformed		Flat Bottom	Left	0	1	1	0
212	0.32	Preformed		Side Tapered Circular	Right	Preformed		Side Tapered Circular		0	1	0	216
213	0.45	Preformed		Side Tapered Circular	Right	Preformed		Side Tapered Circular		0	1	1	207
214	0.02	Preformed		NA	Right	Preformed				0	1	1	186
215	0	Preformed		Flat Bottom	Right	None		NA	Right	0	1	1	225
216	0.37	Preformed		Flat Bottom	Right	None		NA	Right	0	1	1	225
217	0.65	None		Side Tapered Circular	Right	None			Left	0	3	2	528
218	0.55	None		NA	Right	None				0	2	1	304
219	0	None		NA	Right	Preformed		Side Tapered Circular	Right	0	1	1	0
220	0	None		NA	Right	Preformed		Flat Bottom	Right	0	1	1	0
221	0	Preformed		NA	Median	Preformed		NA	Right	0	1	0	100
222	0.47	Head Wall		Side Tapered Circular	Right	Head Wall				0	1	0	150
223	0	Preformed		NA	Median	Preformed		NA	Right	0	1	0	100
224	0.52	Preformed		NA	Median	Preformed		NA	Right	0	1	0	60
225	0.52	Preformed		NA	Left	Preformed		NA	Median	0	1	0	60
226	0	Other-see comments	Pre Cast	NA	Median	Preformed		NA	Right	0	1	0	100
227	0.59	Preformed		NA	Median	None		NA	Right	0	1	0	100
228	0.59	None		NA	Median	None		NA	Right	0	1	0	100
229	0	Headwall	Pre Cast	NA	Left	Preformed		NA	Left	0	1	0	15

	IltLongOffset	IltEndTrtmnt	Ilt Constr	IltType	IltSide	OtltEndTrtmnt	Otlt Constr	OtltType	OtltSide	Invert Drop	Brl Count	Drop Inlet Count	Brl Length (ft)
230	0	Preformed		NA	Left	Preformed		NA	Left	0	1	0	200
231	0	Headwall	Cast in-Place	NA	Right	Headwall	Cast in-Place	NA	Right	0	1	0	60
232	0	Other-see comments	Pre Cast	NA	Right	Preformed		NA	Right	0	1	0	100
233	0	Preformed		NA	Right	None		NA	Right	0	1	0	100
234	0	Other-see comments	Pre Cast	NA	Right	Preformed		NA	Right	0	1	0	100
235	0	Preformed			Median	Preformed			Right	0	1	0	70
236	0.16	Other-see comments		NA	Right	Other-see comments		NA	Right	0	1	1	48
237	0.15	Other-see comments		NA	Right	None		NA	Right	0	1	1	46
238	0.61	NA		Side Tapered Circular	Left	Projecting			Right	0	1	0	40
239	0	Projecting			Left	Projecting			Right	0	1	0	50
240	0.94	Other-see comments		NA	Left	Projecting			Right	0	1	0	46
241	0.8	Other-see comments		NA	Right	Other-see comments	Cast in-Place			0	1	0	51
242	0	Other-see comments	Cast in-Place		Right	Projecting			Right	0	1	0	15
243	0.19	Headwall	Cast in-Place	NA	Right	Headwall	Cast in-Place		Left	0	1	0	45
244	0.86	Projecting		NA	Right	Headwall	Cast in-Place		Left	0	1	0	44
245	0.15	Projecting		NA	Right	Projecting			Left	0	1	0	60
246	0.36	None		NA	Right	None			Left	0	1	0	58
247	0.3	Projecting		NA	Right	Projecting			Left	0	1	0	56
248	0.01	Headwall	Cast in-Place	NA	Right	Projecting			Left	0	1	0	48
249	0.5	Projecting		NA	Right	Other-see comments			Left	0	1	0	54
250	0.5	None		NA	Right	Projecting			Left	0	1	0	50
251	0.21	Projecting		NA	Right	Projecting				0	1	0	80
252	0	Preformed		Side Tapered Circular		Preformed		Side Tapered Circular		0	1	0	80
253	0.13	Projecting		NA	Right	Projecting				0	1	0	60
254	0.97	Headwall	Pre Cast	Flat Bottom	Right	Headwall	Pre Cast	Flat Bottom		0	1	0	100
255	0	Preformed				Other-see comments				0	1	1	20
256	0.32	Projecting		NA	Right	Projecting				0	1	0	50
257	0.43	Preformed		Side Tapered Circular	Right	Projecting		Side Tapered Circular		0	1	0	80
258	0	Other-see comments	Cast in-Place	Other-see comments	Left	None			Right	0	1	0	50
259	0.45	None		NA	Left	Projecting			Right	0	1	0	60
260	0.75	Preformed		Side Tapered Circular	Left	Preformed		Side Tapered Circular	Right	0	1	0	89
261	0.84	Headwall	Cast in-Place	Flat Bottom	Right	Headwall	Cast in-Place	Flat Bottom	Left	0	1	0	89
262	0.85	Head Wall		NA	Right	Head Wall				0	1	0	148
263	0.67	None		NA	Right	None				0	1	0	72
264	0									0	0	0	0
265	0									0	0	0	0
266	0.75	Projecting		NA	Right	Projecting			Left	0	1	0	78
267	0.51	None		NA	Right	None			Left	0	1	0	68
268	0.62	Preformed		Side Tapered Circular	Right	Preformed		Side Tapered Circular	Left	0	1	0	68
269	0	None			Right	None			Left	0	1	0	50
270	0	None			Left	None			Right	0	1	0	60
271	0.02	None		NA	Left	Other-see comments		Flat Bottom	Right	0	1	0	67
272	0.51	None		NA	Right	None			Left	0	1	0	77

	Barrel Material	Inventory Brl Shape	Span (in.)	Inventory BrlRise	BrlCoatType	BrlCoatClr	CvtLocationDesc	CvtCmnts	Install Date	Wall Thickness
1	Corrugated Steel	Circular	24	24	Other-see comme			barrel is lined with plastic sheeting, end treatments coated with asphalt	0	0
2	Corrugated Steel	Circular	24	24	Plain CSP				0	0
3	Corrugated Steel	Circular	60	60	Plain CSP			5 Barrel installation with 3x36" barrels in the middle and 2x60" barrels on the outside. The crossing is a major river bed that has intertmittent flow.	0	0
4	Corrugated Steel	Circular	36	36	Plain CSP			5 Barrel installation with 3x36" barrels in the middle and 2x60" barrels on the outside. The crossing is a major river bed that has intertmittent flow.	0	0
5	Steel Plate	Circular	30	30	Other-see comme			Steel plate barrel extended with csp helical. Galvanized coating	0	0
6	Steel Plate	Circular	48	48	Other-see comme			Steel plate barrel extended with csp helical. Galvanized coating	0	0
7	Steel Plate	Circular	54	36	Other-see comme			steel plate barrel extended with csp helical. Galvanized coating.	0	0
8	Steel Plate	Circular	60	60	Other-see comme			New end treatments. Steel plate barrel. Galvanized coating	0	0
9	Steel Plate	Circular	60	60	Other-see comme			New end treatments, steel plate barrel. Galvanized coating	0	0
10	Reinforced Concrete	Circular	24	24					0	0
11	High Density Polyethylene	Circular	12	12				side drain	0	0
12	Reinforced Concrete	Circular	24	24				side drain	0	0
13	Corrugated Steel	Circular	24	24	Asphalt Lined				0	0.1
14	Corrugated Steel	Circular	36	36	Asphalt Lined				0	0.07
15	Corrugated Steel	Circular	36	36	Asphalt Lined			adjacent barrel daylight together	0	0.07
16	Corrugated Steel	Circular	24	24	Asphalt Lined			1/2" internal asph coating	0	0.1
17	Steel Plate	Circular	24	24	Alum Zinc			bolted seams and joints	0	0.064
18	Corrugated Steel	NA	24	24	Plain CSP			helical with re-corrugated ends	0	0
19	Reinforced Concrete	Circular	24	24					0	0
20	Reinforced Concrete	Circular	24	24					0	0
21	Reinforced Concrete	Circular	36	36					0	0
22	Reinforced Concrete	Circular	24	24					0	0
23	Corrugated Steel	Circular	24	0	Plain CSP		40d34.326m, 109d29.370m orientation nw-se		0	0
24	Corrugated Steel	Circular	24	0	Plain CSP		40d29.600m 109d31.743m orientation nw-se	boulder armor for embankment	1964	0
25	Corrugated Steel	PipeArch	42	0					0	0
26	Corrugated Steel	Circular	36	36					1965	0
27	Corrugated Steel	Circular	30	30	Plain CSP				0	0
28	Corrugated Steel	Circular	24	24	Plain CSP			Inlet is at bottom of 8 ft deep hole	0	0
29	Corrugated Steel	Circular	48	48	Asphalt Lined				0	0
30	Corrugated Steel	Circular	30	30	Plain CSP			outlet projects over rock basin	0	0
31	Corrugated Steel	Circular	36	36	Plain CSP				0	0
32	Corrugated Steel	PipeArch	36	23	Plain CSP				0	0
33	Corrugated Steel	Circular	23.5	23.5	Asphalt Lined				1997	0.124
34	High Density Polyethylene	Circular	23	23	Asphalt Lined				1997	0
35	High Density Polyethylene	Circular	18	18					1997	0
36	High Density Polyethylene	Circular	24	24	Asphalt Lined				1997	0
37	High Density Polyethylene	Circular	30	30	Asphalt Lined				0	0
38	High Density Polyethylene	Circular	30	30	Asphalt Lined				1997	0
39	Steel Plate	Circular	24	24	Other-see comme			culvert is plain galvanized corrugated steel with a 20 ft plastic sheet lined section at thre inlet that was added on after initial installation, likely during widening of the main roadway.	1997	0
40	High Density Polyethylene	Circular	24	24				End treatments are HDPE	1997	0
41	Corrugated Steel	PipeArch	60	44	Other-see comme			plastic sheet coating - internal and external	0	0

	Barrel Material	Inventory Brl Shape	Span (in.)	Inventory BrlRise	BrlCoatType	BrlCoatClr	CvtLocationDesc	CvtCmnts	Install Date	Wall Thickness
42	Corrugated Steel	Circular	36	36	Plain CSP				0	0
43	Corrugated Steel	Circular	42	42	Plain CSP				0	0
44	Corrugated Steel	Circular	30	30	Plain CSP				0	0
45	Corrugated Steel	PipeArch	44	30	Plain CSP				1978	0
46	High Density Polyethylene	Circular	24	24				Comments: Plastic Material	0	0
47	Corrugated Steel	Circular	24	24	Coated CSP				0	0
48	High Density Polyethylene	Circular	24	24					0	0
49	Corrugated Steel	PipeArch	56	39	Coated CSP				0	0.12
50	Corrugated Steel	PipeArch	56	39	Coated CSP				0	0.12
51	Steel Plate	Circular	24	24	Other-see comme			steel plate with csp helical outlet extension	0	0
52	Steel Plate	Circular	48	48	Other-see comme			galvanized coating Steel plate with csp helical inlet extension	0	0
53	Steel Plate	Circular	36	36	Other-see comme			galvanized coating	0	0
54	High Density Polyethylene	Circular	15	15				On Brian Head Rd. (Dirt). ADS HDPE	0	0
55	Steel Plate	PipeArch	54	66	Other-see comme			galvanized coating. Outlet is a concrete spillway manufactured in 1978.	0	0
56	Steel Plate	Circular	24	24	Other-see comme			galvanized coating	0	0
57	Corrugated Steel	Circular	24	24	Plain CSP				0	0
58	Steel Plate	Circular	24	24	Other-see comme			galvanized coating	0	0
59	Steel Plate	Circular	30	30	Other-see comme			Inlet and outlet are both flat bottom and side tapered. The steel plate has a galvanized coating with bolted seams and joints	0	0
60	Steel Plate	Circular	24	24	Other-see comme				0	0
61	High Density Polyethylene	Circular	24	24				HDPE end treatments. ADS Pipe Both inlet and outlet are flat bottom and side tapered	0	0
62	High Density Polyethylene	Circular	24	24				HDPE end treatments. ADS pipe Both inlet and outlet are flat bottom and side tapered	0	0
63	High Density Polyethylene	Circular	24	24				both inlet and outlet are flat bottom and side tapered circular. ADS HDPE. HDPE end treatments reinforced with csp	0	0
64	High Density Polyethylene	Circular	30	30				Both inlet and outlet are side tapered and flat bottomed reinforced with csp. ADS HDPE	0	0
65	Corrugated Steel	Circular	24	24	Plain CSP				0	0
66	Steel Plate	Circular	48	48	Other-see comme			Both the inlet and outlet are flat bottom also. Galvanized coating. New helical end extensions and treatments	1946	0
67	Steel Plate	Circular	48	48	Other-see comme			Both inlet and outlet are also flat bottom. galvanized coating. New end treatments csp and steel plate barrel.	0	0
68	Corrugated Steel	Circular	48	0	Plain CSP		40d26.651m 109d38.173m orientation ne-sw		1970	0
69	Corrugated Steel	Circular	48	0	Plain CSP				1955	0
70	Corrugated Steel	Circular	24	24	Coated CSP				0	0.084
71	Corrugated Steel	Circular	36	36	Coated CSP				0	0.114
72	Corrugated Steel	PipeArch	36	24	Coated CSP				0	0.071
73	Corrugated Steel	Circular	54	54	Coated CSP				0	0
74	Corrugated Steel	Circular	42	42	Coated CSP				0	0
75	Unreinforced Concrete	Box	60	60	Other-see comme				1967	0
76	Steel Plate	Circular	24	24	Plain CSP				1967	0
77	Corrugated Steel	PipeArch	30	20	Asphalt Lined				1967	0
78	Corrugated Steel	PipeArch	96	66	Coated CSP				1948	0.13
79	Corrugated Steel	Circular	48	48	Coated CSP				0	0.075
80	High Density Polyethylene	Circular	18	18					1968	0
81	Corrugated Steel	Circular	42	42	Coated CSP				1968	0.12
82	Corrugated Steel	Circular	24	24	Coated CSP				0	0.065
83	Corrugated Steel	Circular	24	24	Coated CSP				1968	0.08
84	Reinforced Concrete	Circular	24	24				;inlet end treatment=soil ditch	1985	0
85	Reinforced Concrete	Circular	18	18				;inlet end treatment=soil ditch	0	0
86	Corrugated Steel	Circular	54	54	Coated CSP			runs parallel to the roadway	1994	0
87	Steel Plate	Circular	54	54	Plain CSP				1994	0
88	Corrugated Steel	Circular	24	24	Coated CSP				1994	0.1
89	High Density Polyethylene	Circular	12	12	Coated CSP			;outlet=armor boulders	0	0
90	Reinforced Concrete	Circular	24	0					0	0

	Barrel Material	Inventory Brl Shape	Span (in.)	Inventory BrlRise	BrlCoatType	BrlCoatClr	CvtLocationDesc	CvtCmnts	Install Date	Wall Thickness
91	Reinforced Concrete	Circular	18	18	Coated CSP				0	0
92	Corrugated Steel	Circular	24	24	Coated CSP			Inlet=CIP	0	0
93	Corrugated Steel	PipeArch	68	0				Pipe is riveted	0	0
94	Steel Plate	Elliptical	102	0				structural plate, A325 bolts, concrete paved invert	0	0
95	Corrugated Steel	Circular	24	0					0	0
96	Corrugated Steel	Circular	18	0				Pipe is riveted. Tapered metal inlet section	0	0
97	Corrugated Steel	Circular	24	0				Helical construction	0	0
98	Corrugated Steel	NA	24	0				Helical Construction	0	0
99	Corrugated Steel	Circular	24	24	Plain CSP				0	0
100	Corrugated Steel	Circular	30	30	Plain CSP			barrel extends from inlet side further up the adjacent canyon. Inlet is formed by cutting the side out of the culvert as it passes through the drainage ditch	0	0
101	Corrugated Steel	Circular	36	36	Plain CSP				0	0
102	High Density Polyethylene	Circular	12	12	Other-see comme			Barrel is an edge drain that is anchored in asphalt about 1 ft deep. The outlet end cantilevers over an asphalt spillway. The injlet end is anchored in asphalt	0	0
103	Corrugated Steel	Circular	36	36	Bit Coat				0	0
104	Corrugated Steel	Circular	60	0				inlet end also has wing walls. Helical corrugations with lock seam, in good condition Diameter measured 50ft from inlet	0	0
105	Corrugated Steel	Circular	24	0				Helical, tapered metal inlet section.	0	0
106	High Density Polyethylene	Circular	12	0				Tapered plastic outlet. Drains catch basin at side of road, not under roadway.	0	0
107	Corrugated Steel	Circular	24	0				Riveted	0	0
108	Corrugated Steel	Circular	19	0				tapered metal inlet section.	0	0
109	Corrugated Steel	Circular	24	0				Riveted construction. Tapered outlet section, drains median.	0	0
110	Reinforced Concrete	Circular	24	0					0	0
111	Corrugated Steel	PipeArch	72	0				riveted	0	0
112	Steel Plate	Circular	24	24	Plain CSP			lat=41d14.831, long=111d04.044, barrel is steel plate with added helical section at outlet	0	0
113	Steel Plate	Circular	96	0					0	0
114	Steel Plate	PipeArch	168	96	Plain CSP			lat=41d00.633, long=111d22.531	0	0
115	High Density Polyethylene	Circular	12	0				Corrugated PE. Side drain. Corrugated interior. On EB ramp.	0	0
116	High Density Polyethylene	Circular	18	0				Solid PE. May be reline of older pipe. Tapered metal inlet.	0	0
117	Corrugated Steel	Circular	24	24				edge drain	0	0
118	Poly Vinyl Chloride	Circular	24	24				slip line of steel pipe encased in concrete	0	0
119	Poly Vinyl Chloride	Circular	24	24				slip line of steel pipe encased in concrete	0	0
120	Corrugated Steel	Circular	24	24					0	0
121	Corrugated Steel	Circular	24	0				Tapered metal inlet section.	0	0
122	Poly Vinyl Chloride	Circular	24	24				encased in concrete	0	0
123	Poly Vinyl Chloride	NA	24	0				Corrugated PVC. Tapered metal inlet section. Concrete headwall with wingwalls.	0	0
124	High Density Polyethylene	Circular	12	12				perforated	0	0
125	Corrugated Steel	Circular	12	12	Plain CSP			perforated	0	0
126	Corrugated Steel	Circular	24	24	Plain CSP			perforated	0	0
127	Corrugated Steel	Circular	48	0					0	0
128	Corrugated Steel	Circular	48	0				Under EB ramp. Helical corrugation without recorrugating at ends.	0	0
129	Corrugated Steel	Circular	24	24	Plain CSP			Manufactured 8/19/80	0	0
130	Corrugated Steel	Circular	24	24	Plain CSP			Inlet Type is actually a combination of Flat Bottom and Side Tappered Helical with re-corrugated ends	0	0
131	Corrugated Steel	Circular	24	24	Plain CSP			Inlet Type is flat bottom and side tapered Helical with re-corrugated ends	0	0
132	Steel Plate	NA	24	24	Asphalt Lined			Inlet Type is both a Flat Bottom and Side Tapered Steel Plate	0	0
133	Corrugated Steel	Circular	24	24	Other-see comme		lat/long 40d46.267m 112d07.162m orientaton north-south	barrel coating = conc	0	0
134	Unreinforced Concrete	Circular	24	24				Steel End Treatments	0	0
135	Reinforced Concrete	Circular	24	24				steel end treatments Inlet type is both flat bottom and side tapered	0	0
136	High Density Polyethylene	Circular	23	24			40d45.669m 112d09.794m orientation = east west	HDPE	0	0

	Barrel Material	Inventory Brl Shape	Span (in.)	Inventory BrlRise	BrlCoatType	BrlCoatClr	CvtLocationDesc	CvtCmnts	Install Date	Wall Thickness
137	High Density Polyethylene	Circular	24	24			40d45.266m 112d10.077m orientation = east west	HDPE	0	0
138	High Density Polyethylene	Circular	24	24	Asphalt Lined	Black	40 45.289 112 10.272 culvert orientation- east west	HDPE	0	0
139	High Density Polyethylene	Circular	24	24			lat/long = 40d44.813m 112d10.898m orientation SE-NW	Inlet has HDPE end treatment	0	0
140	Reinforced Concrete	Circular	24	24				concrete end treatments	0	0
141	Reinforced Concrete	NA	24	0			40d48.505m 112d55.924m orientation nw-se		0	0
142	Reinforced Concrete	Circular	36	36					0	0
143	Corrugated Steel	Circular	24	24	Other-see comme		40d45.808m 112d58.807m orientation ne-sw	barrel coating = conc	0	0
144	Corrugated Steel	PipeArch	28	24	Other-see comme		40d45.225m 113d01.929m orientation ne-sw	barrel coating = conc	0	0
145	Reinforced Concrete	Circular	24	24				with metal end treatments attached by internal sleeves	0	0
146	Reinforced Concrete	Circular	24	24				Concrete Barrel with metal end treatments attached by internal fitted sleeve	0	0
147	Other-see comments	Box	24	24				timber box culverts extending under the main roadway. 4-sided with 4"x12" side wall planks and 6"x12" top planks. Same type of culvert under east-bound lanes.	0	0
148	Corrugated Steel	PipeArch	42	28	Other-see comme			20 barrels, some corrugated steel with galvanizing, some corrugated steel with adhered plastic sheeting (internal and external), and some that look like aluminum.	0	0
149	Corrugated Steel	Circular	24	24	Plain CSP				0	0
150	Corrugated Steel	Circular	30	30	Plain CSP			inlet and outlet are flat bottom also.	0	0
151	Corrugated Steel	Circular	30	30	Plain CSP			Both inlet and out let are flat bottom also.	0	0
152	Corrugated Steel	Circular	36	36	Plain CSP			side tapered and flat bottom	0	0
153	Corrugated Steel	Circular	24	24	Asphalt Lined			culvert carries deep river channel (see photos)	0	0
154	Corrugated Steel	Circular	24	24	Asphalt Lined				0	0
155	Corrugated Steel	Circular	36	36	Asphalt Lined				0	0
156	Corrugated Steel	PipeArch	36	24	Asphalt Lined				0	0
157	Corrugated Steel	Circular	24	24	Asphalt Lined				0	0
158	Corrugated Steel	Circular	24	24	Other-see comme			plastic sheet coating interior and exterior, minimal shoulder cover	0	0
159	Corrugated Steel	Circular	54	54	Epoxy Coat			new, dtd 5/12/88, has concrete slab at outlet	0	0
160	Corrugated Steel	Circular	36	36	Epoxy Coat				0	0
161	Corrugated Steel	Circular	30	30	Coated CSP				0	0
162	Corrugated Steel	Circular	24	24	Epoxy Coat				0	0
163	Corrugated Steel	Circular	24	24	Coated CSP				0	0
164	Corrugated Steel	Circular	24	24	Coated CSP				0	0
165	Corrugated Steel	Circular	24	24	Coated CSP				0	0.08
166	Unreinforced Concrete	Circular	54	54					1963	0
167	Unreinforced Concrete	Circular	24	24					1961	0
168	Reinforced Concrete	Circular	24	24				culvert has been extended at both ends with csp 24 in. pipe	1961	0
169	Corrugated Steel	Circular	24	24					0	0.09
170	Corrugated Steel	Circular	24	24					0	0.1
171	Corrugated Steel	Circular	24	0	Other-see comme			the inlet end has been extended with a corrugated aluminum pipe and the remainder of the culvert is corrugatedf steel	0	0
172	Corrugated Steel	Circular	30	30	Plain CSP			14 ga, 1961 written on pipe exterior	1961	0
173	Corrugated Steel	Circular	36	36	Plain CSP			ends have been extended since original installation. Old pipe is steel plate. new pipe is helically wound.	0	0
174	Corrugated Steel	Elliptical	88	74	Asphalt Lined	Black	40d22.656m 109d36.354m orientation e-w, at 30degree angle to roadway	RC headwall and wingwall.	0	0
175	Corrugated Steel	Circular	30.5	29	Asphalt Lined	Black	40d21.988m 109d36.840m orientation E-W		1960	0
176	Corrugated Steel	Circular	24	24	Asphalt Lined	Black	40D21.766M 109D36.980M ORIRNTATION e-w	wall thcness 0.11"	1960	0.11
177	Corrugated Steel	Circular	24	24	Coated CSP				0	0.1
178	Corrugated Steel	Circular	36	36	Asphalt Lined				0	0.9
179	Steel Plate	Circular	24	24	Plain CSP			headwall with single wingwall to collect channeled water at inlet	0	0
180	Steel Plate	Circular	36	0	Other-see comme				0	0
181	Steel Plate	Circular	30	0	Plain CSP			lat=41d14.972, long=111d47.085	0	0

	Barrel Material	Inventory Brl Shape	Span (in.)	Inventory BrlRise	BrlCoatType	BrlCoatClr	CvtLocationDesc	CvtCmnts	Install Date	Wall Thickness
182	Corrugated Steel	Circular	24	24	Plain CSP			lat=41d15.349, lat=111d50.074	0	0
183	Reinforced Concrete	Circular	24	24				lat=41d15.263, lat=111d51.567, inlet has drop[catchbasin and grating	0	0
184	Reinforced Concrete	Circular	24	24				grated catch basin inlet, lat=41d14.959, long=111d53.007	0	0
185	Corrugated Steel	Circular	36	0	Plain CSP				1985	0
186	Corrugated Steel	Circular	30	30	Plain CSP				1958	0
187	Corrugated Steel	Circular	24	24	Plain CSP			inlet bends 45 degrees to align better with upstream waterway	1995	0
188	Steel Plate	PipeArch	54	37	Plain CSP				0	0
189	Reinforced Concrete	Circular	18	18				Culvert has regular pipe sections at ends	0	0
190	Corrugated Steel	Circular	24	0				Riveted construction	0	0
191	Corrugated Steel	Circular	45	0				Riveted. Concrete headwall.	0	0
192	Corrugated Steel	Circular	24	24	Plain CSP				1958	0
193	Steel Plate	Circular	30	30	Asphalt Lined				0	0
194	High Density Polyethylene	Circular	24	24					0	0
195	Corrugated Steel	Circular	24	24				;inlet end treatment=soil ditch	0	0
196	Corrugated Steel	Circular	30	30	Other-see comme			A 292, Zn-2oz. 1998 Manufactured. Zn-Galvanized coating.	1958	0.064
197	Corrugated Steel	PipeArch	54	36	Plain CSP				1958	0
198	Corrugated Steel	Circular	24	24	Plain CSP			Outlet construction was cut-in-place.	1963	0
199	Steel Plate	Circular	84	84	Other-see comme			Inlet end is also a head wall. The outlet end is a headwall/wingwall. 3xl corrugated 10 gauge. Inlet - built-up rubble wall.	1963	0
200	Steel Plate	Circular	24	24	Other-see comme			Galvanized coating	1963	0
201	Corrugated Steel	Circular	60	60	Plain CSP				1961	0
202	Corrugated Steel	Circular	24	24	Plain CSP				1956	0
203	Corrugated Steel	PipeArch	48	34	Plain CSP				1994	0
204	Corrugated Steel	Circular	36	36	Coated CSP				0	0.098
205	High Density Polyethylene	Circular	18	18					0	0
206	High Density Polyethylene	Circular	18	18					0	0
207	Corrugated Steel	Circular	24	24	Alum Zinc			lat=41d27.726, long=111d06.021, 2 oz coating, manufactured 3/13/01, ASTM A929	0	0.064
208			18	18				concrete culvert runs over top of concrete box section.	0	0
209	Reinforced Concrete	Circular	24	0					1985	0
210	Corrugated Steel	Circular	24	24	Coated CSP				0	0.07
211	Corrugated Steel	Circular	24	24	Coated CSP				0	0.065
212	Reinforced Concrete	Circular	24	0				New tapered concrete inlet on old pipe. Outlet new tapered end section.	1966	0
213	Reinforced Concrete	Circular	24	0					1966	0
214	Reinforced Concrete	Circular	24	0					1966	0
215	Reinforced Concrete	Circular	24	24					0	0
216	Reinforced Concrete	Circular	24	24					1968	0
217	Unreinforced Concrete	Circular	24	0				Outlet, spigot section with gasket groove	1968	0
218	Unreinforced Concrete	Circular	24	0					1968	0
219	Reinforced Concrete	Circular	24	24					0	0
220	Reinforced Concrete	Circular	24	24					0	0
221	Corrugated Steel	Circular	18	18	Coated CSP				0	0
222	Reinforced Concrete	Circular	24	0				Tapered metal inlet. Extended 1 length in 1999, 6-8 ft. lengths. Extends under both lanes and west side frontage road. Catch basin in median.	1968	0
223	Corrugated Steel	Circular	24	24	Coated CSP				0	0
224	Corrugated Steel	PipeArch	90	63	Coated CSP				0	0.08
225	Corrugated Steel	PipeArch	90	63	Coated CSP				0	0.08
226	Corrugated Steel	Circular	24	24	Coated CSP			inlet end treatment=box	0	0
227	Corrugated Steel	Circular	24	24	Coated CSP				0	0
228	Corrugated Steel	Circular	48	48	Epoxy Coat				0	0
229	High Density Polyethylene	Circular	24	24	Other-see comme			concrete catch basin at inlet, no coating	0	0

	Barrel Material	Inventory Brl Shape	Span (in.)	Inventory BrlRise	BrlCoatType	BrlCoatClr	CvtLocationDesc	CvtCmnts	Install Date	Wall Thickness
230	Corrugated Steel	Circular	36	36	Coated CSP				0	0
231	Corrugated Steel	Other-see comme	68	75	Asphalt Lined			barrel=modified horseshoe	0	0
232	High Density Polyethylene	Circular	24	24				inlet end treatment=conc CB	0	0
233	Corrugated Steel	Circular	24	24	Asphalt Lined				0	0
234	High Density Polyethylene	Circular	24	24				inlet end treatment=conc CB	0	0
235	Corrugated Steel	Circular	42	42	Asphalt Lined				0	0
236	Reinforced Concrete	Circular	24	24				;inlet end treatment=soil ditch	0	0
237	Corrugated Steel	Circular	24	24				;inlet end treatment=soil ditch	0	0
238	Corrugated Steel	Circular	24	24	Plain CSP			Inlet culvert is bent upstream to align waterway	0	0
239	Steel Plate	Circular	36	36	Other-see comme			inlet is 24" pipe for 10', no connection	0	0
240	Steel Plate	Circular	24	24	Other-see comme			inlet is a mortarted rubble wall. 4' drop off	0	0
241	Steel Plate	Circular	18	18	Other-see comme			5' drop at outlet onto stone. Inlet is riprap. Outlet is a mortared rubble wall. Galvanized coating.	0	0
242	High Density Polyethylene	Circular	12	12				anchored at the top, no soil coverage. Inlet end is asphalt anchored.	0	0
243	Steel Plate	Circular	60	60	Other-see comme			Both the inlet and outlet are reinforced concrete head/wing walls with flat bottoms. Galvanized coating	1963	0
244	Steel Plate	Circular	60	60	Other-see comme			Galvanized Coating. Reinforced concrete outlet end treatment. Outlet is a head/wing and flat bottom.	0	0
245	Steel Plate	Circular	24	24	Asphalt Lined			Both the inlet and outlet are asphalt lined. Set in deep cut at inlet.	0	0
246	Steel Plate	Circular	24	24	Other-see comme			galvanized coating	0	0
247	Steel Plate	Circular	24	24	Other-see comme			galvanized coating. Outlet end has holes indicating possible removed end treatment	0	0
248	Steel Plate	NA	24	24					0	0
249	Steel Plate	Circular	48	48	Other-see comme			outlet is a cast in place U-box. Steel plate with csp helical outlet extension galvanized coating	0	0
250	Steel Plate	Circular	24	0	Other-see comme			galvanized coating Steel plate with csp helical outlet extension	0	0
251	Corrugated Steel	Circular	24	24	Other-see comme			HDPE Sheet for coating. Culvert extended with road widening.	0	0
252	Other-see comments	Circular	30	30	Other-see comme			Aluminum barrel and end treatments.	0	0
253	Steel Plate	Circular	36	36	Asphalt Lined				0	0
254	Steel Plate	Circular	120	120	Other-see comme			Inlet and outlet are both head/wing walls made of reinforced concrete. Extended at ends with helical csp. Galvanized and green paint coating.	0	0
255	High Density Polyethylene	Circular	15	15				Outlet end is a reinforced concrete catch basin.	0	0
256	Corrugated Steel	Circular	24	24	Asphalt Lined				0	0
257	Corrugated Steel	Circular	84	84	Plain CSP			fenced animal crossing	0	0
258	Corrugated Steel	Circular	36	36	Plain CSP			inlet has a small wingwall on one side to stabilize the embankment. Culvert is near East gate into Zion Nat'l Park.	0	0
259	Corrugated Steel	Circular	36	36	Plain CSP				0	0
260	Corrugated Steel	Circular	24	24	Asphalt Lined				0	0
261	Corrugated Steel	Circular	60	60	Asphalt Lined			Full head wall and wingwall at both ends with flat concrete bottom. Outlet embankment has riprap armor and outlet has riprap energy dissipator	0	0
262	Reinforced Concrete	Circular	54	0					1950	0
263	Corrugated Steel	NA	36	0					1950	0
264	Corrugated Steel	Circular	36	36				Old SR-006, both material and shape are assumed from the inspection statements.	0	0
265	Corrugated Steel	Circular	48	0				Old SR-006. Drain coming out of embankment under railroad tracks. Extension helical, lock seam manufactured date 3/3/83 stamped on O.D.	1984	0
266	Corrugated Steel	Circular	36	36	Plain CSP			culvert is adjacent to a 60" circvular CSP that is buried at a deeper cover depth	1937	0
267	Reinforced Concrete	Circular	24	24					1937	0
268	Corrugated Steel	Circular	24	24	Plain CSP				1962	0
269	Corrugated Steel	Circular	24	24	Plain CSP				1962	0
270	Corrugated Steel	Circular	24	24	Asphalt Lined			barrel has been extended 6 ft on both ends since original installation	0	0
271	Corrugated Steel	Circular	60	60	Asphalt Lined				0	0
272	Corrugated Steel	Circular	36	36	Plain CSP				1948	0

	Inspection Date Entered	MinShldr EdgCvr	Rdwy Cvr (ft)	Rdway Functn	Rdway Surface Type	RdwayDmg	ExtentOfDmg	Rdway Condition	RdwayCmnts	ShldrSurfacType	Truck Traffic	ESAL
1	10/16/2003	10	14	02	Asphalt	None		Good	very dry soils	Asphalt	0	0
2	10/16/2003	2	3	02	Asphalt	None		Good	roadway has recently been resurfaced while approach sections have not	Dirt	0	0
3	10/16/2003	10	25	02		Other-see comme		Good	roadway immediately over the culvert has been re-surfaced recently while the approach roadways have not. This indicates the potential of river overtopping and further risk to the culvert and consequent roadway stability.		0	0
4	10/16/2003	10	25	02		Other-see comme		Good	roadway immediately over the culvert has been re-surfaced recently while the approach roadways have not. This indicates the potential of river overtopping and further risk to the culvert and consequent roadway stability.		0	0
5	7/13/2003	4	5		Asphalt	None		Good		Gravel	0	0
6	7/13/2003	1	1		Asphalt	None				Gravel	0	0
7	7/13/2003	1	1		Asphalt	None				Gravel	0	0
8	7/13/2003	3	3		Asphalt	None				Dirt	0	0
9	7/13/2003	3	3		Asphalt			Good		Dirt	0	0
10	3/21/2003	5	6		Concrete	None	NA		good	Concrete	0	0
11	3/21/2003	10	10		Concrete	None	NA		good	Concrete	0	0
12	3/21/2003	20	20		Concrete	None	NA		good	Concrete	0	0
13	3/21/2003	5	6		Concrete	None	NA		good	Concrete	0	0
14	3/21/2003	10	10		Concrete	None	NA		good	Concrete	0	0
15	3/21/2003	5	6		Concrete	None	NA		good	Concrete	0	0
16	3/21/2003	5	6		Concrete	None	NA		good	Concrete	0	0
17	7/12/2003	3	3		Asphalt	None				Asphalt	0	0
18	7/12/2003	2	2		Asphalt	None	NA			Asphalt	0	0
19	7/12/2003	1	1		Asphalt	None	NA	Good		Dirt	0	0
20	7/12/2003	1	1		Asphalt	None	NA	Good		Dirt	0	0
21	7/12/2003	1	1		Asphalt	Cracks	Moderate		Crack 6' off culvert center line	Dirt	0	0
22	7/12/2003	1	1		Asphalt	Cracks	Moderate			Dirt	0	0
23	3/18/2003	4	3		Asphalt				good	Gravel	0	0
24	3/18/2003	2	6		Asphalt	None	NA		good	Gravel	0	0
25	10/14/2003	3	3	02	Asphalt	None		Good		Asphalt	0	0
26	10/14/2003	40	100	02	Asphalt	None		Good		Gravel	0	0
27	10/15/2003	4	4	02	Asphalt	Cracks	Moderate	Good	roadway has been cracked and all cracks have been filled	Gravel	0	0
28	10/15/2003	10	6	11	Asphalt	None	NA	Good		Asphalt	0	0
29	10/15/2003	4	5	02	Asphalt	Cracks	Slight	Good		Asphalt	0	0
30	10/15/2003	4	10	02	Asphalt	None		Good		Asphalt	0	0
31	10/15/2003	6	10	02	Asphalt	Cracks	Slight	Good	roadway has 1 inch wide transverse cracks that should be patched	Asphalt	0	0
32	10/15/2003	3	4	02	Asphalt	None		Good		Asphalt	0	0
33	3/25/2003	3	3		Asphalt	Cracks	Moderate		10" crack in road over culvert	Asphalt	0	0
34	3/25/2003	4	4		Asphalt	None	NA			Asphalt	0	0
35	3/25/2003	2	2		Asphalt	Settlement	Slight			Asphalt	0	0
36	3/25/2003	2	2		Asphalt	Settlement	Slight		minor potholes	Asphalt	0	0
37	3/25/2003	2	3		Asphalt	Cracks	Moderate		10' longitudinal crack in roadway (right lane over culvert)	Asphalt	0	0
38	3/25/2003	2	3		Asphalt	None	NA		good	Asphalt	0	0
39	10/16/2003	10	14	02	Asphalt	None		Good		Asphalt	0	0
40	10/16/2003	8	12	02	Asphalt	None		Good	road appears to have been recently widened	Asphalt	0	0
41	10/16/2003	10	12	02	Asphalt	None		Good		Asphalt	0	0

	Inspection Date Entered	MinShldr EdgCvr	Rdwy Cvr (ft)	Rdway Functn	Rdway Surface Type	RdwayDmg	ExtentOfDmg	Rdway Condition	RdwayCmnts	ShldrSurfacType	Truck Traffic	ESAL
42	10/16/2003	2	3	02	Asphalt	Cracks	Slight	Good		Asphalt	0	0
43	10/16/2003	3	4	02	Asphalt	None		Good		Gravel	0	0
44	10/16/2003	25	35	02	Asphalt	Cracks	Slight	Good		Asphalt	0	0
45	10/18/2003	2	3	02	Asphalt	Other-see comme		Good	road has been recently resurfaced	Gravel	0	0
46	3/24/2003	2	4		Asphalt	Cracks	Severe		severe transverse cracking along culvert length	Gravel	0	0
47	3/24/2003	1	1		Asphalt	Cracks	Moderate		transverse cracking along culvert length	Gravel	0	0
48	3/24/2003	2	4		Asphalt	Cracks	Moderate		transverse cracking over steel culvert	Gravel	0	0
49	3/24/2003	1	1		Asphalt	None	NA		good	Dirt	0	0
50	3/24/2003	1	1		Asphalt	None	NA		good	Dirt	0	0
51	7/14/2003	3	3		Asphalt	Cracks	Moderate			Gravel	0	0
52	7/14/2003	3	4		Asphalt	Cracks	Moderate			Gravel	0	0
53	7/14/2003	2	3		Asphalt	Cracks	Moderate			Gravel	0	0
54	7/14/2003	2	2		Dirt					Dirt	0	0
55	7/14/2003	2	10		Asphalt	Cracks	Slight			Gravel	0	0
56	7/14/2003	2	3		Asphalt		slight			Gravel	0	0
57	7/14/2003	2	4		Asphalt	Cracks	Moderate			Gravel	0	0
58	7/12/2003	3	3		Asphalt	None				Asphalt	0	0
59	7/12/2003	4	4		Asphalt	None				Gravel	0	0
60	7/12/2003	3	3		Asphalt	None				Asphalt	0	0
61	7/12/2003	4	4		Asphalt	None			recently resurfaced	Asphalt	0	0
62	7/12/2003	4	5		Asphalt	None				Gravel	0	0
63	7/12/2003	2	2		Asphalt	None				Gravel	0	0
64	7/12/2003	3	3		Asphalt	None			recently resurfaced	Gravel	0	0
65	7/12/2003	1	1		Asphalt	None	NA			Gravel	0	0
66	7/13/2003	4	4		Asphalt	None			new asphalt	Gravel	0	0
67	7/13/2003	10	15		Asphalt				new asphalt	Gravel	0	0
68	3/18/2003	3	3		Asphalt	None	NA		good	Dirt	0	0
69	3/18/2003	5	5		Asphalt	None	NA		good	Dirt	0	0
70	3/25/2003	6	7		Asphalt	Cracks	Slight		good - minor cracking	Gravel	0	0
71	3/25/2003	6	8		Asphalt	None	NA		good	Gravel	0	0
72	3/25/2003	3	4		Asphalt	Patching	Slight		ok - signs of patching	Gravel	0	0
73	3/25/2003	18	19		Asphalt	None	NA			Gravel	0	0
74	3/25/2003	3	4		Asphalt	Cracks	Moderate		cracking and excessive wear pattern over culvert	Gravel	0	0
75	10/17/2003	4	6	02	Asphalt	Other-see comme	Slight	Fair	roadway is cracked and has elevated wear pattern directly over north wall of box culvert across the entgire road width	Gravel	0	0
76	10/17/2003	1	4	02	Asphalt	Cracks	Moderate	Good		Asphalt	0	0
77	10/17/2003	1	2.5	02	Asphalt	Other-see comme	Slight	Good	roadway has elevated wear pattern over longitudinal length of culvert	Concrete	0	0
78	3/22/2003	4	5		Asphalt	Patching	Moderate		patching over culvert	Asphalt	0	0
79	3/22/2003	1	1.5		Asphalt	Settlement	Moderate		depression over flattening crown	Asphalt	0	0
80	3/22/2003	5	6		Asphalt	None	NA		good	Asphalt	0	0
81	3/22/2003	10	12		Asphalt	None	NA		good	Asphalt	0	0
82	3/22/2003	5	6		Asphalt	None	NA		good	Asphalt	0	0
83	3/22/2003	3	4		Asphalt	None	NA		good	Asphalt	0	0
84	3/19/2003	5	7		Asphalt	None	NA		good	Asphalt	0	0
85	3/19/2003	8	8		Asphalt	None	NA		good	Asphalt	0	0
86	3/19/2003	4	4		Asphalt	None	NA		N/A	Asphalt	0	0
87	3/19/2003	4	4		Asphalt			NA	culvert is a lateral drain	Asphalt	0	0
88	3/19/2003	12	15		Asphalt	None	NA		good	Asphalt	0	0
89	3/19/2003	12	15		Asphalt	None	NA		good	Asphalt	0	0
90	12/18/2002	0	0								0	0

	Inspection Date Entered	MinShldr EdgCvr	Rdwy Cvr (ft)	Rdway Functn	Rdway Surface Type	RdwayDmg	ExtentOfDmg	Rdway Condition	RdwayCmnts	ShldrSurfacType	Truck Traffic	ESAL
91	3/19/2003	1	1		Asphalt	Cracks	Moderate		longitudinal crack over culvert	Asphalt	0	0
92	3/19/2003	3	0		Asphalt	None	NA		good	Asphalt	0	0
93	12/17/2002	0	0								0	0
94	12/17/2002	0	0								0	0
95	12/17/2002	0	0								0	0
96	12/17/2002	0	0								0	0
97	12/17/2002	0	0								0	0
98	12/17/2002	0	0								0	0
99	10/17/2003	1	2	02	Concrete	None		Good		Asphalt	0	0
100	10/17/2003	10	15	02	Asphalt	Patching	NA	Good		Asphalt	0	0
101	10/17/2003	4	6	02	Asphalt	None		Good		Dirt	0	0
102	10/18/2003	0	1	02	Asphalt	None		Good		Asphalt	0	0
103	10/18/2003	4	6	02	Asphalt	Other-see comme		Good		Asphalt	0	0
104	12/18/2002	0	0								0	0
105	12/18/2002	0	0								0	0
106	12/18/2002	0	0								0	0
107	12/18/2002	0	0								0	0
108	12/18/2002	0	0								0	0
109	12/18/2002	0	0								0	0
110	12/18/2002	0	0								0	0
111	12/18/2002	0	0								0	0
112	7/11/2003	5	20		Concrete			Good		Concrete	0	0
113	7/11/2003	0	0								0	0
114	7/11/2003	0	0								0	0
115	12/18/2002	0	0								0	0
116	12/18/2002	0	0								0	0
117	3/21/2003	5	5		Asphalt	None	NA			Asphalt	0	0
118	3/21/2003	5	7		Asphalt	None	NA		good	Asphalt	0	0
119	3/21/2003	5	7		Asphalt	None	NA		good	Asphalt	0	0
120	3/21/2003	5	7		Asphalt	None	NA		good	Asphalt	0	0
121	12/18/2002	0	0								0	0
122	3/21/2003	12	15		Asphalt	None	NA		good	Asphalt	0	0
123	12/18/2002	0	0								0	0
124	12/18/2002	0	0		Asphalt	None	NA		good	Asphalt	0	0
125	3/21/2003	10	12		Asphalt	None	NA		good	Asphalt	0	0
126	3/21/2003	10	12		Asphalt	None	NA		good	Asphalt	0	0
127	12/18/2002	0	0								0	0
128	12/18/2002	0	0								0	0
129	7/12/2003	1	2		Concrete	None	NA	Good		Concrete	0	0
130	7/12/2003	3	4		Concrete	None	NA	Good		Concrete	0	0
131	7/12/2003	2	4		Concrete	None		Good		Concrete	0	0
132	7/12/2003	2	4		Concrete	None		Good		Concrete	0	0
133	3/17/2003	3	4		Concrete	None			no rutting	Asphalt	0	0
134	7/12/2003	2	2		Concrete	None	NA	Good		Concrete	0	0
135	7/12/2003	2	2		Concrete	None	NA	Good		Concrete	0	0
136	3/17/2003	3	4		Concrete	None	NA		no rutting	Gravel	0	

	Inspection Date Entered	MinShldr EdgCvr	Rdwy Cvr (ft)	Rdway Functn	Rdway Surface Type	RdwayDmg	ExtentOfDmg	Rdway Condition	RdwayCmnts	ShldrSurfacType	Truck Traffic	ESAL
137	3/17/2003	8	10		Concrete	None	NA		no rutting	Gravel	0	0
138	3/17/2003	5	5		Concrete	None			no rutting	Gravel	0	0
139	3/17/2003	4	6		Concrete	None			no rutting	Gravel	0	0
140	7/12/2003	2	3		Asphalt	None	NA	Good		Asphalt	0	0
141	3/17/2003	1	2		Concrete	None			good	Gravel	0	0
142	10/13/2003	6	8	11	Asphalt	None		Good		Asphalt	0	0
143	3/17/2003	5	5		Concrete	None	NA		no rutting	Gravel	0	0
144	3/17/2003	10	12		Concrete	None	NA		no rutting	Gravel	0	
145	10/13/2003	2	3	11	Asphalt	None		Good		Asphalt	0	0
146	10/13/2003	5	7	11	Asphalt	None		Good		Asphalt	0	0
147	10/13/2003	1	2	11	Asphalt	None		Good		Asphalt	0	0
148	10/13/2003	2	3	11	Asphalt			Good		Asphalt	0	0
149	10/13/2003	3	4	11	Asphalt	None		Good		Asphalt	0	0
150	7/15/2003	2	3		Asphalt	None				Gravel	0	0
151	7/15/2003	2	3		Asphalt	None				Gravel	0	0
152	7/15/2003	2	6		Asphalt	None				Gravel	0	0
153	10/15/2003	30	40	11	Asphalt	None		Good	deep cover installation	Gravel	0	0
154	3/26/2003	2	3		Asphalt	Cracks	Moderate		traverse cracks at 50' o.c.	Asphalt	0	0
155	3/26/2003	5	6		Asphalt	Cracks	Moderate	Fair		Asphalt	0	0
156	3/26/2003	3	4		Asphalt	Cracks	Moderate		traverse cracks at 50' o.c.	Asphalt	0	0
157	3/26/2003	0	2		Asphalt	None	NA		good	Asphalt	0	0
158	3/26/2003	0	2		Asphalt	None	NA		good	Asphalt	0	0
159	3/26/2003	2	3		Asphalt			Good		Asphalt	0	0
160	3/26/2003	0	0		Asphalt			Good		Asphalt	2	3
161	3/26/2003	3	5		Asphalt			Good		Asphalt	0	0
162	3/26/2003	3	4		Asphalt			Good		Asphalt	0	0
163	3/26/2003	15	17		Asphalt			Good		Asphalt	0	0
164	3/26/2003	3	4		Concrete			Good		Asphalt	0	0
165	3/26/2003	4	5		Concrete			Poor	roadway is sagging along culvert length	Asphalt	0	0
166	10/19/2003	12	10	02	Asphalt	None		Good		Dirt	0	0
167	10/19/2003	1	2	02	Asphalt	Cracks	Slight	Good		Gravel	0	0
168	10/19/2003	1	2	02	Asphalt	Cracks	Slight	Good		Dirt	0	0
169	3/21/2003	10	10		Asphalt	Cracks	Slight		traverse cracks over culvert	Asphalt	0	0
170	3/21/2003	7	8		Asphalt	None	NA		good	Asphalt	0	0
171	10/17/2003	2	3	02	Asphalt	None		Good		Dirt	0	0
172	10/17/2003	20	25	02	Asphalt	None		Good	steeply sloped embankments over high flow drainage path could lead to washout if barrel capacity is ever impaired	Asphalt	0	0
173	10/17/2003	1	2.5	02	Asphalt	None		Good		Dirt	0	0
174	3/18/2003	12	15		Asphalt	Cracks	Moderate		roadway cracking, longitudinal and transverse, likely not due to culvert	Gravel	0	0
175	3/18/2003	10	12		Asphalt	Cracks	Moderate	Fair	rutting w/ lateral cracking not associated w/ culvert	Gravel	0	0
176	3/18/2003	6	7		Asphalt	Settlement	Moderate		moderate rutting	Gravel	0	0
177	3/21/2003	3	4		Concrete	None	NA		good	Concrete	0	0
178	3/21/2003	4	5		Concrete	None	NA		good	Concrete	0	0
179	7/11/2003	2	6		Asphalt	Settlement	Moderate	Good	noticeable depression aligned over culvert	Dirt	0	0
180	7/11/2003	2	3		Asphalt	Cracks	Moderate	Fair	cracking directly over culvert--possible infiltration	Dirt	0	0
181	7/11/2003	8	10		Asphalt			Fair	moderate roadway cracking, unrelated to culvert	Dirt	0	0

	Inspection Date Entered	MinShldr EdgCvr	Rdwy Cvr (ft)	Rdway Functn	Rdway Surface Type	RdwayDmg	ExtentOfDmg	Rdway Condition	RdwayCmnts	ShldrSurfacType	Truck Traffic	ESAL
182	7/11/2003	8	10		Asphalt	Cracks	Moderate	Fair	cracking along roadway, likely not associated with culvert	Dirt	0	0
183	7/11/2003	3	3		Asphalt	None		Good	recently resurfaced	Dirt	0	0
184	7/11/2003	5	6		Asphalt	None		Good		Dirt	0	0
185	10/14/2003	2	2	02	Asphalt	None		Good		Gravel	0	0
186	10/14/2003	0	0	02	Asphalt	None		Good	shoulder is narrow and primarily vegetated	Other-see	0	0
187	10/14/2003	2	8	02	Asphalt	None		Good	roadway is in good condition	Asphalt	0	0
188	10/14/2003	0	0	02	Asphalt	Cracks	Moderate	Good	cracking pattern over top of culvert where culvert crown is deformed	Gravel	0	0
189	10/14/2003	1	1	02	Asphalt	Cracks	Slight	Poor	transverse roadway cracking	Gravel	0	0
190	12/17/2002	0	0								0	0
191	12/17/2002	0	0								0	0
192	10/17/2003	3	4	02	Asphalt	None		Good	collected soil samples	Gravel	0	0
193	7/15/2003	2	2		Asphalt	None				Asphalt	0	0
194	7/15/2003	1	1		Dirt	None			Side dirt road with 1ft. cover.	Dirt	0	0
195	3/19/2003	1	1		Asphalt	Cracks	Moderate		crack over full width	Gravel	0	0
196	7/13/2003	12	12		Asphalt	None		Good		Gravel	0	0
197	7/13/2003	2	3		Asphalt	None		Good		Gravel	0	0
198	7/13/2003	2	3		Asphalt	None				Asphalt	0	0
199	7/13/2003	5	6		Asphalt	None		Good		Asphalt	0	0
200	7/13/2003	4	4		Asphalt	None				Asphalt	0	0
201	10/18/2003	3	4	02	Concrete	Cracks	Slight	Fair		Dirt	0	0
202	10/18/2003	2	3	02	Asphalt	Cracks	Moderate	Fair	cracking that has been patched	Dirt	0	0
203	10/18/2003	2	3	02	Asphalt	Other-see comme		Good	roadway has been recently resurfaced	Dirt	0	0
204	3/24/2003	2	3		Asphalt	None	NA		good	Asphalt	0	0
205	3/24/2003	3	4		Asphalt	None	NA		good	Dirt	0	0
206	3/24/2003	1	2		Asphalt	None	NA		good	Asphalt	0	0
207	7/11/2003	3	4		Asphalt	Cracks	Slight	Good		Dirt	0	0
208	12/18/2002	0	0								0	0
209	12/18/2002	0	0								0	0
210	3/19/2003	2	4		Concrete	None	NA		good	Concrete	0	0
211	3/19/2003	7	9		Concrete	None	NA		good	Concrete	0	0
212	12/18/2002	0	0								0	0
213	12/18/2002	0	0								0	0
214	12/18/2002	0	0								0	0
215	3/22/2003	1	3		Concrete	None	NA		good	Concrete	0	0
216	3/22/2003	1	3		Concrete	None	NA		good	Concrete	0	0
217	12/17/2002	0	0								0	0
218	12/17/2002	0	0								0	0
219	3/22/2003	4	5		Asphalt	None	NA		good	Asphalt	0	0
220	3/22/2003	3	4		Asphalt	None	NA		good	Asphalt	0	0
221	3/26/2003	2	3		Asphalt	None		Good		Asphalt	0	0
222	12/17/2002	0	0								0	0
223	3/26/2003	1	1		Asphalt	Settlement	Slight	Fair	roadway is sagging over flattened culvert	Asphalt	0	0
224	3/26/2003	3	4		Asphalt	None		Good		Asphalt	0	0
225	3/26/2003	2	3		Asphalt	None		Good		Asphalt	0	0
226	3/26/2003	3	4		Asphalt	None		Good		Asphalt	0	0
227	3/26/2003	1	2		Asphalt			Good		Asphalt	0	0
228	3/26/2003	2	3		Asphalt			Good		Asphalt	0	0
229	3/24/2003	1	0		Asphalt	None	NA		good	Asphalt	0	0

	Inspection Date Entered	MinShldr EdgCvr	Rdwy Cvr (ft)	Rdway Functn	Rdway Surface Type	RdwayDmg	ExtentOfDmg	Rdway Condition	RdwayCmnts	ShldrSurfacType	Truck Traffic	ESAL
230	3/24/2003	2	3		Asphalt	None	NA		good	Asphalt	0	0
231	3/24/2003	4	5		Asphalt	None	NA		good	Asphalt	0	0
232	3/24/2003	1	2		Asphalt	None	NA		good	Asphalt	0	0
233	3/24/2003	2	3		Asphalt	Settlement	Slight		rutting caused by truck traffic	Asphalt	0	0
234	3/24/2003	10	12		Asphalt	Settlement	Slight		rutting caused by truck traffic	Asphalt	0	0
235	3/24/2003	1	2		Asphalt	Settlement	Slight	Good	rutting caused by truck traffic, unrelated to culvert	Asphalt	0	0
236	3/19/2003	2	2		Asphalt	None	NA		good	Other-see	0	0
237	3/19/2003	2	2		Asphalt	None	NA		good no shoulders	Other-see	0	0
238	7/14/2003	2	3		Asphalt	Cracks	Slight		cracks patched	Gravel	0	0
239	7/14/2003	8	8		Asphalt				Looks repaired	Gravel	0	0
240	7/14/2003	3	3		Asphalt				Looks repaired	Gravel	0	0
241	7/14/2003	3	2		Asphalt	Cracks	Slight		cracks are patched	Gravel	0	0
242	7/14/2003	0	0							Asphalt	0	0
243	7/14/2003	10	15		Asphalt	Settlement	Moderate		Roadway dips over culvert	Gravel	0	0
244	7/14/2003	5	7		Asphalt					Gravel	0	0
245	7/14/2003	20	30		Asphalt	Cracks	Slight	NA	cracks repaired	Gravel	0	0
246	7/14/2003	3	4		Asphalt					Gravel	0	0
247	7/14/2003	2	3		Asphalt	None		Good	recently resurfaced	Gravel	0	0
248	7/14/2003	1	5		Asphalt	Cracks	Slight		recently resurfaced	Asphalt	0	0
249	7/14/2003	8	6		Asphalt			Good	looks new.	Asphalt	0	0
250	7/14/2003	6	6		Asphalt	Cracks	Moderate	Good	cracks repaired	Gravel	0	0
251	7/15/2003	2	2		Asphalt	None				Gravel	0	0
252	7/15/2003	2	3		Asphalt				Road looks recently resurfaced	Gravel	0	0
253	7/15/2003	4	4		Asphalt	Other-see comme	Moderate		Rutting Damage	Gravel	0	0
254	7/15/2003	15	20		Asphalt	None			Road looks recently resurfaced		0	0
255	7/15/2003	1	1		Asphalt					Gravel	0	0
256	7/15/2003	2	3		Asphalt	Cracks	Slight			Gravel	0	0
257	7/15/2003	1	3		Asphalt	Cracks	Moderate		torn up for culvert installationand patch repaired, 13.5ft long patch	Gravel	0	0
258	10/18/2003	10	8	02	Asphalt	None		Good	narrow roadway with no shoulder and steep embankments	Dirt	0	0
259	10/18/2003	4	6	02	Asphalt	None		Good		Gravel	0	0
260	10/15/2003	6	7	11	Asphalt	None		Good		Asphalt	0	0
261	10/14/2003	10	10	11	Asphalt	None		Good		Asphalt	0	0
262	12/17/2002	0	0								0	0
263	12/17/2002	0	0								0	0
264	12/17/2002	0	0								0	0
265	12/17/2002	0	0								0	0
266	10/19/2003	4	6	02	Asphalt	None		Good		Dirt	0	0
267	10/19/2003	2	3	02	Asphalt	None		Good		Gravel	0	0
268	10/19/2003	15	25	02	Asphalt	None		Good		Gravel	0	0
269	10/19/2003	2	3	02	Asphalt	None		Good	roadway has been recently resurfaced	Dirt	0	0
270	10/19/2003	2	3	02	Asphalt	None		Good	road has been recently resurfaced	Gravel	0	0
271	10/18/2003	4	5	02	Asphalt	None	NA	Fair	roadway recently resurfaced	Dirt	0	0
272	10/18/2003	2	4	02	Asphalt	Settlement	Moderate	Good	road was recently resurfaced	Gravel	0	0

	SlEnvlp Type	SlEnvlpSource	SlEnvlpMoist	Soil Rstvty (ohm-cm)	Wtr Rstvty	Soil Ph	Wtr Ph	SlEnvlp Salt	SlEnvlp So4	UpstrmBnkProtct	DnstrmBnkProtct	Scr Length	Scr Width	Scr Depth	ScrDist MaxDepth	Scr Envlp Mtrl
1	SP	Native material	Seldom Saturated	0	0	7	0	0	0	RipRap	Vegetation	0	0		0	
2	SP	Native material	Often Saturated	0	0	0	0	0	0	Vegetation	None	0	0	0	0	
3	SP	Native material	Seldom Saturated	67510	0	7	0	0	0	None	RipRap	0	0	0	0	
4	SP	Native material	Seldom Saturated	67510	0	7	0	0	0	None	RipRap	0	0	0	0	
5	CL	Native material	Often Saturated	0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	
6	CL	Native material	Always Saturated	0	0	0	7	0	0	Paved Slope-Concrete	Vegetation	0	0	0	0	
7	CL	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	
8	CL	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	
9	CL	Native material	Seldom Saturated	0	0	0	0	0	0	None	Vegetation	0	0	0	0	
10	SM		Always Saturated	0	0	7	0	0	0	None	Vegetation	0	0	0	0	Non-Cohesive
11	SM		Seldom Saturated	0	0	0	0	0	0	None	Vegetation	0	0	0	0	Non-Cohesive
12	SM		Seldom Saturated	0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	Non-Cohesive
13	SM		Often Saturated	0	0	0	0	0	0	None	None	0	0	0	0	Non-Cohesive
14	SM		Always Saturated	0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	Non-Cohesive
15	SM		Always Saturated	0	0	7	0	0	0	None	RipRap	0	0	0	0	
16	SM		Often Saturated	0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	Non-Cohesive
17	SM	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	Paved Slope-Asphalt	0	0	0	0	
18	SM	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	
19	SM	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	None	0	0	0	0	
20	SM	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	None	0	0	0	0	
21	SM	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	RipRap	0	0	0	0	
22	SM	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	None	0	0	0	0	
23				0	0	0	0	0	0	Vegetation		7	4	0	2	Cohesive
24				0	0	0	0	0	0	Vegetation		7	4	3	2	
25	ML	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	
26	SM	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	
27	SM	Native material	Seldom Saturated	1110	0	7	0	0	0	Vegetation	Vegetation	0	0	0	0	
28	ML	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	
29	SM	Native material	Seldom Saturated	5684	0	7	0	0	0	None	None	0	0	0	0	
30	SM	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	External Other	0	0	0	0	
31	SP	Native material	Often Saturated	1633	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	
32	SM	Native material	Often Saturated	0	0	7	0	0	0	RipRap	Vegetation	0	0	0	0	
33	ML		Seldom Saturated	0	0	0	0	0	0	Vegetation	Vegetation			#VALUE!		Non-Cohesive
34	ML		Seldom Saturated	0	0	0	0	0	0	Vegetation	Vegetation	2	3	0.5	1	Non-Cohesive
35	ML		Seldom Saturated	0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	Non-Cohesive
36	ML		Seldom Saturated	0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	Non-Cohesive
37	ML		Seldom Saturated	0	0	0	0	0	0	None	Vegetation	0	0	0	0	Non-Cohesive
38	ML		Seldom Saturated	0	0	0	0	0	0	Vegetation	None	0	0	0	0	Non-Cohesive
39	SM	Native material	Often Saturated	0	0	0	0	0	0	Vegetation	Paved Slope-Concrete	0	0	0	0	
40	SM	Native material	Often Saturated	0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	
41	SP	Native material	Often Saturated	1580	0	8	0	0	0	None	None	0	0	0	0	

	SlEnvlp Type	SlEnvlpSource	SlEnvlpMoist	Soil Rstvty (ohm-cm)	Wtr Rstvty	Soil Ph	Wtr Ph	SlEnvlp Salt	SlEnvlp So4	UpstrmBnkProtct	DnstrmBnkProtct	Scr Length	Scr Width	Scr Depth	ScrDist MaxDepth	Scr Envlp Mtrl
42	SM	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	None	0	0	0	0	
43	SP	Native material	Seldom Saturated	0	0	8	0	0	0	None	None	0	0	0	0	
44	SM	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	None	0	0	0	0	
45	SM	Native material	Seldom Saturated	0	0	8	0	0	0	Vegetation	Vegetation	0	0	0	0	
46	SM		Often Saturated	0		6	0	0	0	None	RipRap	0	0	0	0	Non-Cohesive
47	SM		Often Saturated	0	0	6	0	0	0	Vegetation	RipRap	0	0	0	0	Non-Cohesive
48	SM		Often Saturated	0	0	6	0	0	0	None	RipRap	0	0	0	0	Non-Cohesive
49	ML		Seldom Saturated	0	0	0	0	0	0	RipRap	RipRap	0	0	0	0	Non-Cohesive
50	ML		Seldom Saturated	0	0	0	0	0	0	RipRap	RipRap	0	0	0	0	Non-Cohesive
51	ML	Native material	Often Saturated	0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	
52	SM	Native material	Seldom Saturated	0	0	0	0	0	0	RipRap	None	0	0	0	0	
53	SM	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	
54	SM	Native material	Seldom Saturated	0	0	0	0	0	0	None	None	0	0	0	0	
55	SM	Native material	Seldom Saturated	0	0	0	7	0	0	Vegetation	Paved Slope-Concrete	0	0	0	0	
56	SM	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	
57	SM	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	
58	SW	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	RipRap	0	0	0	0	
59	SM	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	RipRap	0	0	0	0	
60	SW	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	RipRap	0	0	0	0	
61	SM	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	RipRap	0	0	0	0	
62	SM	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	RipRap	0	0	0	0	
63	SM	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	RipRap	0	0	0	0	
64	SM	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	RipRap	0	0	0	0	
65	SM	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	None	10	10	0	4	Non-Cohesive
66	SM	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	RipRap	0	0	0	0	
67	SM	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	
68	SM			0	0	0	0	0	0	Vegetation	External Rip Rap Basin	4	6	2	-0.5	Non-Cohesive
69				0	0	0	0	0	0	Vegetation		0	0	0	0	
70	SM		Seldom Saturated	0	0	0	0	0	0	None	Vegetation	10	6	2	10	Non-Cohesive
71	SM		Seldom Saturated	0	0	0	0	0	0	None	Vegetation	8	5	2	8	Non-Cohesive
72	CL		Seldom Saturated	0	0	0	0	0	0	None	None	2	2	1.5	1	Cohesive
73	CL		Seldom Saturated	0	0	0	0	0	0	None	None	0	0	0	0	Cohesive
74	CL		Seldom Saturated	0	0	0	0	0	0	None	None	3	5	0.25	0.5	Cohesive
75	SP	Native material	Seldom Saturated	0	0	0	0	0	0	None	Paved Slope-Concrete	0	0	0	0	
76	SP	Native material	Seldom Saturated	0	0	0	0	0	0	None	None	20	9	2.5	1	Non-Cohesive
77	SP	Native material	Seldom Saturated	0	0	0	0	0	0	None	None	0	0	0	0	
78	SW		Always Saturated	0	0	6	0	0	0	RipRap	RipRap	0	0	0	0	Non-Cohesive
79	SW		Seldom Saturated	0	0	0	0	0	0	RipRap	RipRap	0	0	0	0	Non-Cohesive
80	SM		Seldom Saturated	0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	Non-Cohesive
81	SM		Seldom Saturated	0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	Non-Cohesive
82	SM		Seldom Saturated	0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	Non-Cohesive
83	SM		Seldom Saturated	0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	Non-Cohesive
84	GC		Seldom Saturated	0	0	0	0	0	0	Vegetation	None	0	0	0	0	Non-Cohesive
85	GC		Seldom Saturated	0	0	0	0	0	0	Vegetation	None	0	0	0	0	Non-Cohesive
86	GC		Always Saturated	0	0	7	0	0	0	None	RipRap	0	0	0	0	Non-Cohesive
87	GC	Native material	Always Saturated	0	0	0	7	0	0	None	RipRap	0	0	0	0	Non-Cohesive
88	GC		Seldom Saturated	0	0	0	0	0	0	None	Vegetation	2	2	0.5	2	Non-Cohesive
89	GC		Seldom Saturated	0	0	0	0	0	0	None	Vegetation	0	0	0	0	Non-Cohesive
90				0	0	0	0	0	0			0	0	18	0	

	SlEnvlp Type	SlEnvlpSource	SlEnvlpMoist	Soil Rstvty (ohm-cm)	Wtr Rstvty	Soil Ph	Wtr Ph	SlEnvlp Salt	SlEnvlp So4	UpstrmBnkProtct	DnstrmBnkProtct	Scr Length	Scr Width	Scr Depth	ScrDist MaxDepth	Scr Envlp Mtrl
91	SM		Often Saturated	0	0	0	0	0	0	Vegetation	Paved Slope-Concrete	0	0	0	0	
92				0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	
93				0	0	0	0	0	0			0	0	0	0	
94				0	0	0	0	0	0			0	0	0	0	
95				0	0	0	0	0	0			0	0	0	0	
96				0	0	0	0	0	0			0	0	0	0	
97				0	0	0	0	0	0			0	0	0	0	
98				0	0	0	0	0	0			0	0	0	0	
99	ML	Native material	Often Saturated	0	0	7	7	0	0	Vegetation	Vegetation	0	0	0	0	
100	SM	Native material	Seldom Saturated	0	0	6	0	0	0	Vegetation	None	0	0	0	0	
101	ML	Native material	Always Saturated	0	0	0	7	0	0	Vegetation	Vegetation	0	0	0	0	
102	SP	Native material	Often Saturated	0	0	7	0	0	0	Paved Slope-Asphalt	Paved Slope-Asphalt	0	0	0	0	
103	SM	Native material	Often Saturated	0	0	7	0	0	0	Vegetation	Vegetation	0	0	0	0	
104				0	0	0	0	0	0			0	0	0	0	
105				0	0	0	0	0	0			0	0	0	0	
106				0	0	0	0	0	0			0	0	0	0	
107				0	0	0	0	0	0			0	0	0	0	
108				0	0	0	0	0	0			0	0	0	0	
109				0	0	0	0	0	0			0	0	0	0	
110				0	0	0	0	0	0			0	0	0	0	
111				0	0	0	0	0	0			0	0	0	0	
112	SM	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	
113				0	0	0	0	0	0			0	0	0	0	
114				0	0	0	0	0	0			0	0	0	0	
115				0	0	0	0	0	0			0	0	0	0	
116				0	0	0	0	0	0			0	0	0	0	
117	CL		Always Saturated	0	0	7	0	0	0	None	Vegetation	0	0	0	0	Cohesive
118	CL		Always Saturated	0	0	0	0	0	0	Vegetation	None	0	0	0	0	Cohesive
119	CL		Always Saturated	0	0	0	0	0	0	Vegetation	None	0	0	0	0	Cohesive
120	CL		Always Saturated	0	0	7	0	0	0	Vegetation	None	0	0	0	0	Cohesive
121				0	0	0	0	0	0			0	0	0	0	
122	CL		Always Saturated	0	0	7	0	0	0	RipRap	Vegetation	0	0	0	0	Cohesive
123				0	0	0	0	0	0			0	0	0	0	
124	CL		Always Saturated	0	0	0	0	0	0	None	RipRap	0	0	0	0	Cohesive
125	CL		Always Saturated	0	0	7	0	0	0	RipRap	None	0	0	0	0	
126	CL		Always Saturated	0	0	7	0	0	0	RipRap	None	0	0	0	0	
127				0	0	0	0	0	0			0	0	0	0	
128				0	0	0	0	0	0			0	0	0	0	
129	SM	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	Vegetation	3	6	0.5	2	Non-Cohesive
130	SM	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	
131	SM	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	
132	SM	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	
133				0	0	0	0	0	0	Vegetation		0	0	0	0	
134	SM	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	Vegetation	2	6	1	4	Non-Cohesive
135	SM	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	
136				0	0	0	0	0	0	None		0	0	0	0	

	SlEnvlp Type	SlEnvlpSource	SlEnvlpMoist	Soil Rstvty (ohm-cm)	Wtr Rstvty	Soil Ph	Wtr Ph	SlEnvlp Salt	SlEnvlp So4	UpstrmBnkProtct	DnstrmBnkProtct	Scr Length	Scr Width	Scr Depth	ScrDist MaxDepth	Scr Envlp Mtrl
137				0	0	0	0	0	0	None	External Other	0	0	0	0	
138				0	0	0	0	0	0	None	External Scour Hole	2	4	1	1	Non-Cohesive
139				0	0	0	0	0	0	RipRap		4	2	0.5	0	
140	SM	Native material	Often Saturated	0	0	0	0	0	0	None	None	8	5	1	6	Non-Cohesive
141				0	0	0	0	0	0	None		0	0	0	0	
142	SM	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	Cohesive
143				0	0	0	0	0	0			0	0	0	0	
144				0	0	0	0	0	0			0	0	0	0	
145	SM	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	
146	SM	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	Cohesive
147	SM		Seldom Saturated	0	0	0	0	0	0	None	None	0	0	0	0	
148	SM	Native material	Seldom Saturated	0	0	0	0	0	0	None	None	0	0	0	0	
149	SM	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	
150				0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	
151				0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	
152				0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	
153	SM	Native material	Seldom Saturated	0	0	0	0	0	0	None	None	8	12	2	2	Cohesive
154	SM		Seldom Saturated	0	0	0	0	0	0	None	None	3	4	0.5	0.5	Non-Cohesive
155	SM	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	Vegetation	3	6	1	0.5	Non-Cohesive
156	SM		Seldom Saturated	0	0	0	0	0	0	Vegetation	None	4	6	2	0	Non-Cohesive
157	ML		Often Saturated	0	0	0	0	0	0	None	None	0	0	0	0	Non-Cohesive
158	ML		Often Saturated	0	0	0	0	0	0	None	None	0	0	0	0	Non-Cohesive
159	ML	Native material	Often Saturated	0	0	0	0	0	0	None	Vegetation	0	0	0	0	Cohesive
160	ML	Native material	Seldom Saturated	0	0	0	0	0	0	None	None	6	8	2	1	Non-Cohesive
161	ML	Native material	Often Saturated	0	0	0	0	0	0	Paved Slope-Concrete	Vegetation	0	0	0	0	Non-Cohesive
162	ML	Native material	Often Saturated	0	0	0	0	0	0	RipRap	RipRap	0	0	0	0	Non-Cohesive
163	ML	Native material	Seldom Saturated	0	0	0	0	0	0	None	None	0	0	0	0	Non-Cohesive
164	SW	Native material	Seldom Saturated	0	0	0	0	0	0	RipRap	RipRap	0	0	0	0	Non-Cohesive
165	ML	Native material	Always Saturated	0	0	0	0	0	0	RipRap	Vegetation	0	0	0	0	Non-Cohesive
166	SM	Native material	Often Saturated	0	0	7	7	0	0	None	None	0	0	0	0	
167	SM	Native material	Seldom Saturated	0	0	7	0	0	0	RipRap	External Scour Hole	5	3	1	1	Non-Cohesive
168	SM	Native material	Seldom Saturated	0	0	7	0	0	0	Vegetation	Vegetation	0	0	0	0	
169	CL		Often Saturated	0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	Cohesive
170	CL		Often Saturated	0	0	0	0	0	0	Vegetation	RipRap	0	0	0	0	Cohesive
171	ML	Native material	Often Saturated	0	0	0	7	0	0	Vegetation	Vegetation	0	0	0	0	
172	ML	Native material	Seldom Saturated	0	0	7	0	0	0	None	None	0	0	0	0	
173	ML	Native material	Often Saturated	0	0	0	0	0	0	Vegetation	None	0	0	0	0	
174	CL		Seldom Saturated	0	0	0	0	0	0	None		0	0	0	0	
175	CL	Native material	Always Saturated	0	0	0	0	0	0	None		0	0	0	0	
176	CL	Native material	Always Saturated	0	0	0	0	0	0	None		0	0	0	0	
177	CL		Always Saturated	0	0	7	0	0	0	None	None	0	0	0	0	
178	CL		Always Saturated	0	0	7	0	0	0	Vegetation	Vegetation	0	0	0	0	Cohesive
179	CL	Native material	Often Saturated	0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	Cohesive
180	SM	Native material	Seldom Saturated	0	0	0	0	0	0	RipRap	RipRap	0	0	0	0	
181	SM	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	

	SlEnvlp Type	SlEnvlpSource	SlEnvlpMoist	Soil Rstvty (ohm-cm)	Wtr Rstvty	Soil Ph	Wtr Ph	SlEnvlp Salt	SlEnvlp So4	UpstrmBnkProtct	DnstrmBnkProtct	Scr Length	Scr Width	Scr Depth	ScrDist MaxDepth	Scr Envlp Mtrl
182	SM	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	RipRap	0	0	0	0	
183	SM	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	
184	SM		Seldom Saturated	0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	Non-Cohesive
185	SM	Native material	Seldom Saturated	2167	0	0	0	0	0	None	Vegetation	0	0	0	0	
186				12900	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	
187	SM	Native material	Seldom Saturated	33000	0	6	0	0	0	RipRap	RipRap	0	0	0	0	
188	ML	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	
189	ML	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	
190				0	0	0	0	0	0			0	0	0	0	
191				0	0	0	0	0	0			0	0	0	0	
192	CL	Native material	Often Saturated	1120	0	7	6.5	0	0	None	None	20	10	0.5	0	
193				0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	
194				0	0	0	0	0	0	Vegetation	Paved Slope-Concrete	0	0	0	0	
195	GC		Seldom Saturated	0	0	0	0	0	0	Vegetation	Vegetation	3	4	1	2	Non-Cohesive
196	SM	Native material	Seldom Saturated	0	0	0	0	0	0	RipRap	Vegetation	0	0	0	0	
197	SM	Native material	Always Saturated	0	0	0	7	0	0	Vegetation	Vegetation	0	0	0	0	
198	SM	Native material	Seldom Saturated	0	0	0	0	0	0	None	Vegetation	4	5	1	4	Non-Cohesive
199	SM	Native material	Seldom Saturated	0	0	0	0	0	0	RipRap	Vegetation	0	0	0	0	
200	CL	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	
201	SM	Native material	Seldom Saturated	0	0	7	0	0	0	None	RipRap	8	8	3	2	Non-Cohesive
202	SM	Native material	Seldom Saturated	6000	0	7	0	0	0	Vegetation	Vegetation	0	0	0	0	
203	SM	Native material	Seldom Saturated	0	0	7	0	0	0	Vegetation	RipRap	0	0	0	0	
204	CL		Seldom Saturated	0	0	0	0	0	0	RipRap	None	0	0	0	0	Cohesive
205	CL		Seldom Saturated	0	0	0	0	0	0	None	RipRap	0	0	0	0	Cohesive
206	CL		Seldom Saturated	0	0	0	0	0	0	None	None	0	0	0	0	Cohesive
207	SM	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	
208				0	0	0	0	0	0			0	0	0	0	
209				0	0	0	0	0	0			0	0	0	0	
210			Always Saturated	0	0	6	0	0	0	Vegetation	None	0	0	0	0	
211			Seldom Saturated	0	0	0	0	0	0	None	Vegetation	0	0	0	0	
212				0	0	0	0	0	0			0	0	0	0	
213				0	0	0	0	0	0			3	4	0	0	
214				0	0	0	0	0	0			0	0	0	0	
215	SM		Seldom Saturated	0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	Non-Cohesive
216	SM		Seldom Saturated	0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	Non-Cohesive
217				0	0	0	0	0	0			0	0	0	0	
218				0	0	0	0	0	0			0	0	0	0	
219	SM		Always Saturated	0	0	0	0	0	0	None	Vegetation	0	0	0	0	Non-Cohesive
220	SM		Seldom Saturated	0	0	0	0	0	0	Vegetation	Vegetation	10	4	2	-2	Non-Cohesive
221	CL	Native material	Often Saturated	0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	Cohesive
222				0	0	0	0	0	0			0	0	0	0	
223	ML	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	Non-Cohesive
224	ML	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	Non-Cohesive
225	ML	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	Non-Cohesive
226	ML	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	Non-Cohesive
227	ML	Native material	Seldom Saturated	0	0	0	0	0	0	None	None	0	0	0	0	Non-Cohesive
228	ML	Native material	Seldom Saturated	0	0	0	0	0	0	None	None	0	0	0	0	Non-Cohesive
229	ML		Seldom Saturated	0	0	0	0	0	0	Vegetation	None	0	0	0	0	Non-Cohesive

	SlEnvlp Type	SlEnvlpSource	SlEnvlpMoist	Soil Rstvty (ohm-cm)	Wtr Rstvty	Soil Ph	Wtr Ph	SlEnvlp Salt	SlEnvlp So4	UpstrmBnkProtct	DnstrmBnkProtct	Scr Length	Scr Width	Scr Depth	ScrDist MaxDepth	Scr Envlp Mtrl
230	ML		Seldom Saturated	0	0	0	0	0	0	Vegetation	None	0	0	0	0	Non-Cohesive
231	ML		Seldom Saturated	0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	Non-Cohesive
232	ML		Seldom Saturated	0	0	0	0	0	0	Paved Slope-Concrete	None	0	0	0	0	Non-Cohesive
233	ML		Seldom Saturated	0	0	0	0	0	0	None	Vegetation	0	0	0	0	Non-Cohesive
234	ML		Seldom Saturated	0	0	0	0	0	0	None	None	0	0	0	0	Non-Cohesive
235	ML	Native material	Seldom Saturated	0	0	0	0	0	0	None	None	0	0	0	0	Non-Cohesive
236			Seldom Saturated	0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	
237			Seldom Saturated	0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	
238	SM	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	
239	SM	Native material	Seldom Saturated	0	0	0	0	0	0	RipRap	RipRap	0	0	0	0	
240	SM	Native material	Seldom Saturated	0	0	0	0	0	0	RipRap	RipRap	0	0	0	0	
241	SM	Native material	Seldom Saturated	0	0	0	0	0	0	RipRap	RipRap	0	0	0	0	
242		Native material	Seldom Saturated	0	0	0	0	0	0	Paved Slope-Asphalt	RipRap	0	0	0	0	
243	SM	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	
244	SM	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	Vegetation	15	15	3	10	Non-Cohesive
245	SM	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	Vegetation	1	1	0.5	0.5	Cohesive
246	ML	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	
247	ML	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	None	6	6	2	5	Cohesive
248	ML	Native material	Seldom Saturated	0	0	0	0	0	0	None	RipRap	2	2	0.5	1	Cohesive
249	ML	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	RipRap	0	0	0	0	
250	ML	Native material	Seldom Saturated	0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	
251				0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	
252				0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	
253				0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	
254				0	0	0	0	0	0	None	None	20	20	4	12	Cohesive
255				0	0	0	0	0	0	Vegetation	Paved Slope-Concrete	0	0	0	0	
256				0	0	0	0	0	0	Vegetation	Vegetation	0	0	0	0	
257				0	0	0	0	0	0	None	Vegetation	0	0	0	0	
258	SP	Native material	Often Saturated	0	0	7	0	0	0	None	None	0	0	0	0	
259	SM	Native material	Seldom Saturated	0	0	7	0	0	0	None	None	8	4	1	2	Non-Cohesive
260	ML	Native material	Seldom Saturated	5340	0	7	0	0	0	Vegetation	Vegetation	6	8	2	2	Non-Cohesive
261	ML	Native material	Seldom Saturated	660	0	0	0	0	0	Vegetation	RipRap	0	0	0	0	
262				0	0	0	0	0	0			0	0	0	0	
263				0	0	0	0	0	0			0	0	0	0	
264				0	0	0	0	0	0			0	0	0	0	
265				0	0	0	0	0	0			0	0	0	0	
266	SM	Native material	Often Saturated	590	0	7	0	0	0	Vegetation	External Other	0	0	0	0	
267	SM	Native material	Seldom Saturated	0	0	7	0	0	0	Vegetation	Vegetation	0	0	0	0	
268	SM	Native material	Seldom Saturated	0	0	7	0	0	0	Vegetation	Vegetation	0	0	0	0	
269	SM	Native material	Seldom Saturated	0	0	7	0	0	0	Vegetation	Vegetation	0	0	0	0	
270	SM	Native material	Seldom Saturated	0	0	6	0	0	0	None	None	0	0	0	0	
271	SM	Native material	Seldom Saturated	0	0	7	0	0	0	Vegetation	None	6	5	0.5	5	Non-Cohesive
272	SM	Native material	Seldom Saturated	0	0	8	0	0	0	None	None	0	0	0	0	

	VegIndx	Wtrwy Rtng	Waterway	WaterwayCmnts	Ref Flow	Flow	Deb Sed	VertAlign	HorizAlign	AbrsnHaz	CrsnHaz	HazDmg	HazType
1	Moderately	6		barrel has 1/2 rise sedimentation	0	Unknown	Moderate	Poor	Good	Moderate	High	Abrasion	Coating Loss
2	Moderately	8		outlet end has poor alignment and signs of waterway erosion	0	Unknown	NA	Good	Fair	Moderate	High	Corrosion	Wall Loss
3	Little	4		major river crossing that was dry during the inspection	0	Intermittent	Slight	Good	Good	High	Moderate	Corrosion	Coating Loss
4	Little	4		major river crossing that was dry during the inspection	0	Intermittent	Slight	Good	Good	High	Moderate	Corrosion	Coating Loss
5	Moderately	8			0	Intermittent	Slight	Good	Good	Slight	Slight		
6	Moderately	8			0	Perennial		Good	Good	Slight	Slight	Corrosion	Coating Loss
7	Little	7		sedimented 2"	0	Unknown	Slight	Fair	Fair	Slight	Moderate	Corrosion	Coating Loss
8	Little	6		inlet embedment washout due to alignment. 6" sedimented	0	Unknown	Moderate	Good	Fair	Slight	Moderate	Corrosion	Coating Loss
9	Moderately	7		inlet has 12" of sediement	0	Unknown	Slight	Good	Good	Slight	Moderate	Corrosion	Coating Loss
10	Fully	5		heavy veg- 12" standing water	12	Perennial				None	None		
11	Fully	5		sediments-6"	0	Intermittent				None	None		
12	Fully	7		4" sediment	0	Intermittent				None	None		
13	Moderately	7		barrel sedimented-6"	0	Unknown				None	Moderate	Corrosion	Coating Loss
14	Fully	7		6" standing water	6	Perennial				None	Moderate	Corrosion	Coating Loss
15	Moderately	7		standing water- 4" good	4	Intermittent				None	Moderate	Corrosion	Coating Loss
16	Fully	7		thick lining asph good	0	Intermittent				None	High	Corrosion	Wall Loss
17	Little	8		good, 4ft drop at outlet	0	Unknown	NA	Good	Good	Slight	Slight	Corrosion	Coating Loss
18	Moderately	6		fair, barrel 1/3 sedimented	0	Unknown	Moderate	Fair	Good	Slight	Moderate	Corrosion	Coating Loss
19	Little	7		good, inlet end drop-off	0	Unknown	Other-see	Good	Good	Slight	High		
20	Little	7		inlet end drop-off	0	Unknown	Other-see	Good	Good	Slight	High		
21	Little	7		good	0	Unknown	NA	Good	Good	Slight	High		
22	Little	3		poor, barrel 5/6 sediemented	0	Unknown	Severe	Poor	Good	Slight	High		
23	Moderately	7		3" sedimentation in barrel	0	Intermittent				None	Moderate	Corrosion	
24	Moderately	5		3" sedimentation in barrel, outlet undermining	0	Intermittent				None	None		
25	Little	4		barrels have 1/3 rise sedimentation along length and 2/3 rise sedimentation at ends. Inlet and outlet barrel inverts have drop-off to waterway elevation which should be corrected. Culvert is in Indian Canyon south of Duchesne	0	Unknown	Severe	Poor	Good	Moderate	Moderate	Corrosion	Coating Loss
26		7		inlet pipe is almost vertical. it joins to a still steeply sloped pipe at approx 15 ft below the inlet. The inlet is dangerous and may result in debris clogging due to the nearby shrubbery	0	Unknown	NA	Good	Good	High	High	Corrosion	Coating Loss
27	Little	7		upstream elevation is higher than culvert invert which increases risk of sedimentation	0	Unknown		Fair	Good	Moderate	High	Corrosion	Wall Loss
28	Moderately	5		barrel is sedimented to 3/4 rise at outlet end. However, upstream end is at bottom of hole which proivides adequate head to force flow through remaining outlet opening.	0	Unknown	Severe	Fair	Good	High	Slight		
29	Little	8		good alignment vertically and horizontally	0	Unknown	Slight	Good	Good	Slight	High	Corrosion	Wall Loss
30	Little	8		inlet is partially obstructed by vegetation	0	Unknown	NA	Good	Good	Moderate	Moderate	Abrasion	Coating Loss
31	Moderately	7		outlet sedimented to 1/2 rise	0	Intermittent	Moderate	Fair	Good	None	Moderate		
32	Moderately	8		upstream bed is armored with riprap, culvert sees high abrasive loading as evidenced by rocks in culvert interior	0	Intermittent		Good	Good	High	High	Abrasion	Wall Loss
33	Moderately	6		exfiltration at 2 joints	0	Intermittent				Slight	Moderate	Abrasion	Coating Loss
34	Moderately	6		sags in culvert alignment	0	Intermittent				Slight	Moderate	Abrasion	
35	Moderately	6		minor sags	0	Intermittent				Slight	Moderate	Abrasion	
36	Moderately	5		sags,minor in/exfiltration	0	Intermittent				Slight	Moderate	Abrasion	
37	Moderately	5		significant downstream sedimentation	0	Intermittent				None	Moderate	Abrasion	
38	Moderately	7		good	0	Intermittent				None	Moderate		
39	Fully	9			0	Unknown	NA	Good	Good	Slight	Moderate		
40	Moderately	9		good vertical andf horizontal alignment	0	Unknown		Good	Good	Slight	Moderate		
41	Little	6		downstream embankment has moderate washout and should be stabilized	0	Unknown		Fair	Fair	Moderate	Moderate	Abrasion	Coating Loss

	VegIndx	Wtrwy Rtng	Waterway	WaterwayCmnts	Ref Flow	Flow	Deb Sed	VertAlign	HorizAlign	AbrsnHaz	CrsnHaz	HazDmg	HazType
42	Moderately	7		inlet bush has grown to partially block inlet	0	Unknown	Slight	Good	Good	Moderate	Moderate	Corrosion	Coating Loss
43	Moderately	5		water travels from roadside down small rivulet to outlet causing embankment erosion anjd loss of culvert support	0	Unknown	NA	Poor	Good	Moderate	High	Corrosion	Coating Loss
44	Moderately	8			0	Unknown	NA	Good	Good	High	Moderate	Abrasion	Coating Loss
45	Little	4		waterway is obstructed by severely buckled barrel	0	Unknown	Slight	Fair	Good	Slight	Moderate	Corrosion	Coating Loss
46	Little	3		severe sedimentation all minimal flow	1	Perennial				High	None	Abrasion	
47	Little	6		1/3 rise sediment	0	Intermittent				High	Moderate	Abrasion	Wall Loss
48	Little	7		outlet flows into active creek	0	Perennial				High	High	Abrasion	
49	Little	7		good-wide and deep channel	0	Unknown				Moderate	High	Corrosion	Wall Loss
50	Little	7		good-wide and deep channel	0	Unknown				Moderate	High	Corrosion	Wall Loss
51	Little	8			0	Unknown		Good	Good	High	Slight	Corrosion	Coating Loss
52	Little	5		Riprap sediment	0	Unknown	Moderate	Good	Good	High	Slight	Corrosion	Coating Loss
53	Moderately	6		moderately sedimented	0	Perennial	Moderate	Good	Good	High	Slight	Corrosion	Coating Loss
54	Little	8			2	Unknown	NA	Good	Good	High	Slight		
55	Moderately	8			0	Perennial		Good	Good	Moderate	Moderate	Corrosion	Coating Loss
56	Moderately	3		inlet 20" sedimented	0	Unknown	Severe	Good	Good	Moderate	Moderate	Corrosion	Coating Loss
57	Moderately	3		Outlet, 3/4 sedimented, inlet 6" sediemented	0	Unknown	Severe	Poor	Fair	Moderate	Moderate	Corrosion	Coating Loss
58	Moderately	8		good	0	Unknown		Good	Good	Slight	Slight		
59	Moderately	8		Good	0	Unknown		Good	Good	Slight	Slight		
60	Moderately	8		good	0	Unknown	NA	Good	Good	Slight	Slight		
61	Moderately	8		good	0	Unknown	Slight	Good	Good	Slight	None		
62	Moderately	7		Good	0	Unknown	Slight	Good	Good	Slight	None		
63	Moderately	8		good, no debris	0	Unknown	Other-see	Good	Good	Slight	None		
64	Little	8		good	0	Unknown		Good	Good	Slight	None		
65	Little	5		Fair. Severe inlet sedimentation. Scoured outlet	0	Unknown	Severe	Fair	Good	Slight	High	Corrosion	Wall Loss
66	Moderately	9			0	Unknown		Good	Good	Slight	Slight		
67	Moderately	7		14" sedimented at outlet	0	Unknown	Moderate	Good	Good	Slight	Slight		
68	Moderately	8			0	Intermittent				None	Moderate	Corrosion	
69	Moderately	6			0	Intermittent				None	High	Corrosion	
70	Little	4		poor - severe outlet sedimentation	0	Intermittent				None	Moderate	Corrosion	Coating Loss
71	Little	6		sediment of inlet 1/2 rise	0	Intermittent				Slight	High	Corrosion	Wall Loss
72	Little	6		good	0	Intermittent				Slight	None	Abrasion	
73	Little	8		good	0	Intermittent				High	Slight	Abrasion	Coating Loss
74	Little	8		good	0	Intermittent				Slight	None	Abrasion	
75	Little	8			0	Unknown	Slight	Good	Good	Moderate	Moderate		
76	Little	6		outlet is projecting 2.5 ft abover waterway due to scour. initiation of outlet undermining and erosion of outlet end embankment	0	Unknown		Fair	Good	High	High	Corrosion	Coating Loss
77	Little	6		inlet has moderate sedimentation	0	Unknown	Moderate	Good	Good	Moderate	Moderate	Corrosion	Coating Loss
78	No vegetation	7	Timpanogos creek	high gradient	3	Perennial				High	High	Abrasion	Wall Loss
79	No vegetation	5		culvert sediment 1/2 rise	0	Intermittent				High	None	Abrasion	Coating Loss
80	Fully	3		outlet sediment 3/4 rise	0	Intermittent				None	None		
81	Fully	7		not well aligned with culvert	0	Intermittent				None	None		
82	Fully	8		good	0	Intermittent				None	None		
83	Fully	7		inlet sediment 10"	0	Intermittent				None	Slight	Corrosion	
84	Fully	7		4" sediment	0	Intermittent				Slight	Slight	Corrosion	Wall Loss
85	Fully	6		10" sediment	0	Intermittent				Slight	None	Abrasion	
86	Little	8		10" sediment	0	Perennial				Moderate	None	Abrasion	
87	Little	8		10 inch sedimentation	0	Perennial				Moderate	Slight		
88	Fully	7		large armoring indicates high flow	0	Intermittent				Moderate	None	Abrasion	
89	Fully	7		large armor indicates high flow	0	Intermittent				None	None		
90		5			0								

	VegIndx	Wtrwy Rtng	Waterway	WaterwayCmnts	Ref Flow	Flow	Deb Sed	VertAlign	HorizAlign	AbrsnHaz	CrsnHaz	HazDmg	HazType
91	Moderately	8		good	0	Intermittent				None	None		
92	Fully	0			0	Intermittent				None	High	Corrosion	Wall Loss
93		7		3" to 4" of silt	0						Slight	Corrosion	Coating Loss
94		8			0								
95		4		Outlet is filled to 3/4 of diameter	0								
96		7		6" of silty clay at outlet	0						Slight	Corrosion	Coating Loss
97		8			0								
98		5		Invert partially buried	0								
99	Fully	7		waterway upstream flow has been diverted into a lateral drain for nearbyu farm use. Diversion is by means of a berm in the waterway, therefore this culvert is likely not used frequently	0	Unknown	NA	Good	Good	Slight	Moderate	Corrosion	Coating Loss
100	Fully	6		barrel is sedimented and outlet end has significant undermining	0	Unknown	Slight	Good	Good	High	Slight	Abrasion	Coating Loss
101	Fully	7		steady flow during inspection	3	Perennial	Slight	Good	Good	Slight	Slight	Corrosion	Coating Loss
102	Little	7			0	Unknown		Fair	Poor	Moderate	Moderate	Abrasion	
103	Moderately	6		barrel is heavily sedimented from Sta 100 to outlet	0	Intermittent	Moderate	Fair	Good	High	Moderate	Abrasion	Coating Loss
104		6			0		Slight						
105		8			0								
106		8			0								
107		8			0							Corrosion	Coating Loss
108		8		Clear to median.	0								
109		8			0								
110		6		Debris in pipe, inlet about 1/3 filled, outlet over half full of debris	0		Moderate						
111		7		Invert has sediment	0		Slight					Corrosion	Wall Loss
112	Moderately	0			0		Slight	Good	Good	Moderate	Moderate	Corrosion	Wall Loss
113		0			0								
114		0			0					Slight	Moderate	Corrosion	Wall Loss
115		8			0								
116		8		cannot see through pipe.	0								
117	Fully	5		poor	1	Perennial				Moderate	High	Corrosion	Wall Loss
118	Fully	7		good	1	Perennial				None	High	Corrosion	Wall Loss
119	Fully	7		good	1	Perennial				None	High	Corrosion	Wall Loss
120	Fully	7		good	2	Perennial				Slight	Moderate	Corrosion	
121		7		cannot see through pipe.	0							Corrosion	Coating Loss
122	Moderately	7		poor waterway alignment	0.5	Perennial				Moderate	None	Abrasion	
123		8			0								
124	Fully	7		debris in culvert	1	Perennial				Moderate			
125	Fully	7		debris in culvert	1	Perennial				Moderate	Moderate	Corrosion	Coating Loss
126	Fully	7		debris in culvert	1	Perennial				Moderate	Moderate	Corrosion	Coating Loss
127		8			0							Corrosion	Wall Loss
128		8			0							Corrosion	Wall Loss
129	Moderately	6			0	Unknown	Moderate	Fair	Good	Slight	High	Corrosion	Wall Loss
130	Moderately	5		14" Sedimented	0	Unknown	Severe	Fair	Good	Slight	High	Corrosion	Wall Loss
131	Little	4		barrel is severely sedimented	0		Severe	Poor	Good	Slight	High	Corrosion	Wall Loss
132	Little	7		barrel is 4" sedimented	0		Slight	Good	Good	Slight	High	Corrosion	Wall Loss
133	Moderately	5		waterway partially blocked by sedimentation over lower 1/3 of pipe	0	Intermittent				None	None		
134	Little	8		4" of sediments, good condition	0	Unknown	Slight	Good	Fair	Slight	High		
135	Little	8		2" of sediment in outlet	0	Unknown	Slight	Good	Good	Slight	High		
136	Moderately	5		culvert half clogged with dirt, waterway constrained by surrounding ground at higher elevation than outlet	0	Intermittent				None	None		

	VegIndx	Wtrwy Rtng	Waterway	WaterwayCmnts	Ref Flow	Flow	Deb Sed	VertAlign	HorizAlign	AbrsnHaz	CrsnHaz	HazDmg	HazType
137	Little	8		culvert outlets into basin with small footbridge, two additional 1ft HDPE outlet pipes and two 3ft concrete pipes	3	Perennial				None	None		
138	Little	8		dry at time of inspection	0	Intermittent				None	None		
139	Moderately	7			0	Unknown				None	None		
140	No vegetation	8		Good, no debris or sedimentation	0	Unknown	Other-see	Good	Good	Slight	High		
141	Little	0			0					None	None		
142	Moderately	6		barrel is 1/2 sedimented at outlet end as a result of poor vertic al alignment	0		Moderate	Fair	Good	Slight	High		
143		0		lower 3 in. of culvert is sedimented; waterway is clear	0	Intermittent				High	Moderate	Corrosion	
144		4		outlet is lower than surrounding grade. bottom 1/3 or culvert is filled with soil	0	Intermittent				High	None	Abrasion	
145	Moderately	3		waterway is completely obstructed with sedimentation at the mid-length of the culvert	0		Other-see	Good	Good	Slight	High		
146	Moderately	6		small holes in embankment around outlet look like water is infilktrating through by piping. the holes do not look like animal holes, by inspection of surrounding area	0	Unknown	Moderate	Good	Good	Slight	High		
147	No vegetation	8			0	Intermittent	Slight	Good	Good	None	High		
148	No vegetation	8			0		Slight	Fair	Fair	Slight	High	Corrosion	Coating Loss
149	Moderately	8			0	Intermittent	Slight	Good	Good	Slight	High		
150	Moderately	8		sedimented at outlet	0	Intermittent	Moderate	Good	Good	Slight	Slight		
151	Moderately	8		sediment at outlet	0	Intermittent	Moderate	Good	Good	Slight	Slight		
152	Little	9			0	Unknown		Good	Good	Slight	Slight		
153	Little	4		scour at inlet due to vertical alignment of culvert could destabilize the steep embankment (see photos). end treatment has initiation of unbdermining.	0	Unknown	NA	Fair	Good	Moderate	Moderate	Abrasion	
154	Little	7		good	0	Intermittent				None	Moderate	Corrosion	Coating Loss
155	Little	7			0	Intermittent		Fair	Good	Moderate	Slight	Abrasion	Coating Loss
156	Little	6		ok - minor culvert sagging	0	Intermittent				None	Moderate	Corrosion	Wall Loss
157	Little	6		mod sedimentation 1/3 rise	0	Intermittent				None	Slight	Corrosion	Coating Loss
158	Little	6		mod sedimentation 1/3 rise	0	Intermittent				None	Slight	Corrosion	Coating Loss
159	Little	8			0	Intermittent							
160	Little	6		inlet sedimentation is minor	0	Intermittent	Slight			Moderate	Moderate	Corrosion	Coating Loss
161	Little	7		waterway misaligned with culvert abrrel at median	0	Intermittent				Slight	Slight	Corrosion	Coating Loss
162	Little	6		severe outlet sedimentation	0	Intermittent	Severe	Poor		Slight	Slight	Corrosion	Coating Loss
163	Little	8			0	Intermittent				Slight	Slight		
164	No vegetation	7		steep gradient of waterway justifying boulder energy dissipators	0	Intermittent				High	High	Corrosion	Coating Loss
165	Moderately	6		minor sagging in barrel, infiltration and exfiltration at joints	2	Perennial	Slight			Slight	Moderate	Corrosion	Coating Loss
166	Moderately	8		standing water downstream	0	Intermittent		Good	Good	Moderate	Moderate		
167	Little	7		minor outlet scour hole	0	Unknown				Moderate	Moderate	Abrasion	Coating Loss
168	Moderately	7		clear sedimentation from center of culvert in original RCP barrel	0	Unknown	Moderate	Good	Good	Slight	Moderate	Abrasion	
169	Fully	8		good	0	Intermittent				None	Moderate	Corrosion	Coating Loss
170	Fully	3		sign of overtopping	1	Perennial				Slight	Moderate	Corrosion	
171	Fully	7		vegetation partially obstructing culvert inlet	0	Standing	Slight	Fair	Good	Slight	Moderate	Corrosion	Coating Loss
172	Little	8			0	Unknown	NA	Good	Good	Moderate	Moderate	Corrosion	Coating Loss
173	Little	7		barrel has sedimentation	0	Unknown	Slight	Good	Good	Slight	Slight	Corrosion	Coating Loss
174	Moderately	6		barrel had 3" native soil sedimentation waterway at angle to barrel long axis	0	Intermittent				Moderate	None	Abrasion	
175	Moderately	6		apparent barrel blockage at midlength	0	Intermittent				Moderate	None	Abrasion	
176	Moderately	4		inlet 1/2 sedimented with native	0					Moderate	Moderate	Corrosion	
177		4		poor sediment 2/3 rise	4	Perennial				Slight	None	Abrasion	
178	Fully	7		good	1	Perennial				Slight	High	Corrosion	Wall Loss
179	Fully	9			0			Good	Good	Moderate	Moderate	Corrosion	Coating Loss
180	Moderately	8			0	Unknown	NA	Good	Good	High	High	Corrosion	Wall Loss
181	Fully	6		waterway is dammed by local farmer	20	Perennial	Severe	Poor	Good	Slight	High	Corrosion	Wall Loss

	VegIndx	Wtrwy Rtng	Waterway	WaterwayCmnts	Ref Flow	Flow	Deb Sed	VertAlign	HorizAlign	AbrsnHaz	CrsnHaz	HazDmg	HazType
182	Moderately	8			0		Slight	Good	Good	High	High	Corrosion	Wall Loss
183	Moderately	8			0		Moderate	Good	Good	High	Slight	Abrasion	Coating Loss
184	Moderately	8			0	Unknown	Slight	Good	Good	High	Moderate	Abrasion	Wall Loss
185	Little	6		barrel has 1/3 rise sedimentation but deformation of inlet end treatment leads to reduced inlet area and increased chance of debris collection	0	Unknown	Moderate	Fair	Good	High	Slight		
186	Moderately	7		barrel hasd 1/3 rise sedimentation along length	0	Unknown	Moderate	Fair	Good	Slight	Moderate	Corrosion	Coating Loss
187	Little	8		steep gradient at outlet	0	Unknown	NA	Good	Good	High	None		
188	Moderately	7		culvert barrel being used to carry smaller water pipe for irrigation. barrel has minor sedimentation.	0	Unknown	Slight	Fair	Good	Moderate	High	Corrosion	Wall Loss
189	Fully	8			0	Unknown		Good	Good	Slight	Moderate		
190		7			0								
191		0			0								
192		7		elevation drop is minimal. inlet channel bends 90 degrees to enter culvert	0	Standing	Slight	Fair	Fair	Slight	Moderate	Corrosion	Coating Loss
193	Moderately	7		sediment at inlet	0	Unknown	Moderate	Good	Good	Slight	Slight		Coating Loss
194	Little	0		Sedimented outlet	0	Unknown	Moderate	Good	Good	Slight	Slight		
195	Fully	7		10 " sediment	0	Intermittent				None	High	Corrosion	Wall Loss
196	Moderately	9		good alignment	0	Unknown		Good	Good	None	Slight		
197	Fully	8		Actively flowing	2	Perennial		Good	Good	None	Slight	Corrosion	Coating Loss
198	Little	7		Scour at both ends.	0	Unknown		Good	Good	None	Slight	Corrosion	Coating Loss
199	Little	9		Inlet acts as a spillway.	0	Unknown		Good	Good	None	Slight		
200	Moderately	8			0	Unknown		Good	Good	Slight	Slight		
201	Little	6		barrel has inlet scour and inlet sedimentation	0	Unknown	Moderate	Poor	Good	Slight	Moderate	Corrosion	Coating Loss
202	Moderately	8			0	Unknown		Good	Good	Slight	High	Corrosion	Coating Loss
203	Moderately	8		downstream channel bends 75 degrees from longitudoinal axis of culvert and channel embankment is reinforced with riprap at bend.	0	Unknown		Good	Good	Slight	Moderate		
204	Little	0		ok-minor joint exfilt 15' from inlet	0	Unknown				High	Slight	Abrasion	
205	No vegetation	8		good steep gradient	0	Unknown				Moderate	Slight	Abrasion	
206	No vegetation	6		sag in pipe alignment	0	Unknown				Slight	Slight	Abrasion	
207	Moderately	8			0	Unknown	Slight	Poor	Poor	Slight	Moderate	Corrosion	Wall Loss
208		0			0								
209		4		Inlet filled 3/4 with water and dirt. Outet under water	0								
210	Fully	7		waterway bends at inlet	3	Perennial				None	Moderate	Corrosion	Wall Loss
211	Fully	7		waterway bends at inlet	0	Intermittent				None	Moderate	Corrosion	Wall Loss
212		5			0								
213		3		Inlet catch basin clogged	0								
214		0			0								
215	Moderately	7		ok	0	Intermittent				None	None		
216	Moderately	6		ok	0	Intermittent				None	None		
217		0		Entrance partically filled with dirt. 6" of rubble around outlet.	0								
218		0		some mud in invert	0								
219	Fully	7		ok	1	Perennial				None	None		
220	Fully	5		poor-fill under outlet required	0	Intermittent				None	None		
221	Fully	7			0	Intermittent	Slight			Slight	Slight		
222		0		Outlet clogged	0								
223	Fully	5		exfiltration at barrel joints	0	Intermittent				Slight	Slight		
224	Fully	8			0	Intermittent				Slight	Slight		
225	Fully	7			0	Intermittent	Moderate			Slight	Slight	Corrosion	Coating Loss
226	Fully	8			0	Intermittent				Slight	Slight		
227	Little	7			0	Intermittent				Slight	Slight	Corrosion	Coating Loss
228	Little	6		1/3 rise sedimentation	0	Intermittent		Fair		Slight	Slight		
229	Little	8		good	0	Unknown				None	None	Abrasion	

	VegIndx	Wtrwy Rtng	Waterway	WaterwayCmnts	Ref Flow	Flow	Deb Sed	VertAlign	HorizAlign	AbrsnHaz	CrsnHaz	HazDmg	HazType
230	Little	8		good	0	Unknown				None	None	Abrasion	
231	Little	8		good	0	Unknown				Moderate	Moderate	Abrasion	Coating Loss
232	Little	7		good	0	Unknown				High	Slight	Abrasion	
233	Moderately	7		good	0	Unknown				High	Slight	Abrasion	Coating Loss
234	Little	3		downstream end completely blocked	0	Unknown				Slight	Moderate	Corrosion	
235	Little	3		poor, inlet should be armored to prevent dropoff, inlet completely undermined	0	Intermittent		Poor		Slight			
236	Fully	7		veg debris at ends	0	Intermittent							
237	Fully	6		12" sed	0	Intermittent				None	None		
238	Little	5		significant sedimentation	0	Unknown	Severe	Poor	Poor	Moderate	Moderate	Corrosion	Coating Loss
239	No vegetation	7		unconnected barrels	0	Unknown		Fair	Good	High	Slight	Corrosion	Coating Loss
240	No vegetation	8			0	Unknown		Good	Good	High	Slight	Corrosion	Coating Loss
241	No vegetation	8			0	Unknown		Good	Good	High	Slight	Corrosion	Coating Loss
242	No vegetation	7			0	Unknown		Good	Good	High	Slight	Abrasion	
243	Little	8			0	Unknown		Good	Good	Slight	Slight	Corrosion	
244	Moderately	5		scour at outlet	0	Unknown		Good	Good	Slight	Slight	Corrosion	Coating Loss
245	Moderately	7		minor inlet sedimentation	0	Unknown	Moderate	Fair	Good	Slight	Slight	Corrosion	Coating Loss
246	Moderately	8			0	Unknown		Good	Good	Slight	Slight	Corrosion	Coating Loss
247	Little	6		Large outlet scour hole	0	Unknown		Good	Good	Slight	Slight	Corrosion	Coating Loss
248	Little	8		slight scour at inlet	0	Unknown		Good	Good	Slight	Slight	Corrosion	Coating Loss
249	Moderately	8			0	Unknown		Good	Good	Slight	Slight	Corrosion	Coating Loss
250	Moderately	8		minor sedimentation	0	Unknown	Slight	Good	Good	Moderate	Slight	Corrosion	Coating Loss
251	Moderately	7		sedimented along length	0	Unknown	Moderate	Good	Good	Slight	Moderate		
252	Moderately	7		sedimented 4" along culvert	0	Unknown		Good	Good	Slight	Moderate		
253	Little	6		sedimented to 1/4 of rise	0	Unknown	Moderate	Fair	Good	Moderate	Slight		
254	Little	5		Outlet undermined and channel cuts/lower	0	Unknown		Fair	Good	High	Slight	Abrasion	
255	Fully	9			0	Unknown		Good	Good	Slight	Slight		
256	Fully	6		1/3 of rise sedimented	0	Intermittent	Moderate	Poor	Good	Slight	Slight		
257	Little	9			0	Unknown		Good	Good	Slight	Slight		
258	Moderately	8		sandy-bottom channel upstream and downstream	0	Unknown	Moderate	Good	Good	Moderate	Slight	Abrasion	Coating Loss
259	Little	6		scout at outlet	0	Unknown	Slight	Fair	Fair	Slight	Moderate	Corrosion	Coating Loss
260	Little	6		outlet scour and initiation of undermining	0	Unknown	NA	Fair	Good	Moderate	Moderate	Abrasion	Coating Loss
261	Little	8		inlet is not aligned with upstream waterway	0	Unknown	NA	Good	Fair	Slight	Moderate		
262		0			0								
263		0			0								
264		0			0								
265		0			0						High	Corrosion	Wall Loss
266	Little	8			0	Intermittent		Good	Good	High	Moderate	Corrosion	Wall Loss
267	Moderately	8		slight sedimentation at inlet and debris along length	0	Unknown	Slight	Good	Good	Moderate	Moderate	Abrasion	
268	Moderately	8			0	Unknown	Slight	Good	Good	Slight	Slight		
269	Moderately	7		b arrel has inlet and outlet sedimentation	0	Unknown	Moderate	Fair	Good	Slight	Slight	Corrosion	Coating Loss
270	Little	8			0	Unknown	Slight	Good	Good	Moderate	Moderate	Corrosion	Coating Loss
271	Little	7		One of 3 culverts in large channel. Outlet has minor scour downstream of concrete pad, showing inadequate protection. Outlet scour downstream of concrete splash pad indicates that further channel stabilization is necessary.	0	Unknown		Fair	Good	High	Moderate	Abrasion	Coating Loss
272	Little	6		main challen has good alignment, however side drainage ditch at outlet end is pointed at outlet end barrel which is beginning to cause eorsion of the outlet end embedment soils	0	Unknown	Slight	Good	Fair	High	Moderate	Abrasion	Coating Loss

	HazExtnt	CrckType	JointSms	JtExtnt	IletDmg	IletExtnt	OltDmg	OltExtnt	Inspection.BrlShape	ShpExtnt	Inspection BrlSpan	Inspection BrlRise	HazSta	ShpLocn
1	Local-Slight				Sedimentation	Severe	Sedimentation	Moderate	Flattening	Global-Slight		0	0	0
2	Global-Moderate				Corrosion	Moderate	Corrosion	Moderate			24	24	0	0
3	Local-Slight		Separation	Moderate	Sedimentation	Slight	Separation	Moderate			60	60	0	0
4	Local-Slight		Separation	Moderate	Sedimentation	Slight	Separation	Moderate			36	36	0	0
5			Joint Misalignment	Slight					Dimpling	Local-Slight	0	0	0	2
6	Global-Slight		Joint Misalignment	Slight							0	0	0	0
7	Global-Slight		Joint Misalignment	Slight	Sedimentation	Moderate	Deformation	Severe	Flattening	Local-Severe	54	36	0	12
8	Global-Slight		Joint Misalignment	Slight	Sedimentation	Moderate			Dimpling	Local-Slight	0	0	0	4
9	Global-Slight		Joint Misalignment	Slight	Sedimentation	Moderate			Buckling	Global-Slight	63.5	57.5	0	12
10			Separation	Moderate	Cracking	Slight	Cracking	Slight			24	0	0	0
11			Separation	Moderate	Sedimentation	Moderate	Sedimentation	Moderate	Flattening	Local-Moderate	11.5	0	0	12
12			Joint Misalignment	Moderate							24	0	0	0
13	Local-Severe				Crushing	Moderate	Crushing	Moderate			24	0	0	0
14	Local-Severe								Buckling	Global-Severe	36	0	0	12
15	Local-Severe										35	36	0	0
16	Global-Severe		Infiltration	Moderate	Scour	Moderate	Scour	Moderate	Flattening	Global-Severe	25	22	0	12
17	Global-Slight										24	24	0	0
18	Global-Slight				Deformation	Slight					24	24	0	0
19					Misalignment	Severe	Cracking	Moderate			24	24	0	0
20					Misalignment	Severe	Separation	Moderate			24	24	0	0
21											36	36	0	0
22							Crushing	Slight			24	24	0	0
23					Corrosion	Moderate	Corrosion	Moderate			0	0		
24							Undermining	Severe	Buckling	Local-Severe	0	0		
25	Global-Moderate				Crushing	Slight	Sedimentation	Severe	Flattening	Global-Slight	42	0	0	0
26	Global-Moderate				Corrosion	Slight			Flattening	Global-Slight	36	36	0	0
27	Global-Moderate		Infiltration	Slight	Corrosion	Moderate	Corrosion	Moderate	Flattening	Global-Slight	29.25	30.25	0	0
28					Deformation	Slight	Sedimentation	Severe			24	24	0	0
29	Global-Moderate		Infiltration	Slight	Corrosion	Moderate	Corrosion	Moderate	Flattening	Global-Slight	48.25	49.25	0	12
30	Local-Slight								Flattening	Global-Slight	29	30	0	0
31									Flattening	Global-Slight	0	0	0	0
32	Global-Moderate				Crushing	Slight	Corrosion	Moderate	Buckling	Local-Severe	36	23	0	12
33	Local-Severe		Separation	Slight					Flattening	Global-Slight	23.5	23.5	0	12
34					Cracking	Moderate	Undermining	Moderate	Flattening	Global-Moderate	23	24	0	12
35			Separation	Slight					Flattening	Global-Slight	18	0	0	12
36			Separation	Moderate					Flattening	Global-Moderate	24	0	0	12
37			Separation	Severe	Deformation	Severe			Flattening	Global-Slight	30	0	0	12
38					Separation	Slight	Separation	Slight			30	0	0	0
39			Joint Misalignment	Moderate	Corrosion	Slight					24	24	0	0
40									Flattening	Global-Slight	24	23.25	0	0
41	Local-Slight						Undermining	Slight	Dimpling	Local-Slight	61	43	0	3

	HazExtnt	CrckType	JointSms	JtExtnt	IletDmg	IletExtnt	OltDmg	OltExtnt	Inspection.BrlShape	ShpExtnt	Inspection BrlSpan	Inspection BrlRise	HazSta	ShpLocn
42	Global-Slight				Sedimentation	Slight	Sedimentation	Slight			35	36	0	0
43	Global-Moderate						Undermining	Slight			42	43.5	0	0
44	Global-Moderate										29	29	0	0
45	Local-Slight								Buckling	Global-Severe	44	30	0	0
46			Separation	Slight					Flattening	Global-Severe	24	0	0	3
47	Global-Slight		Separation	Slight	Sedimentation	Severe	Cracking	Severe	Buckling	Local-Severe	24	0	0	12
48					Sedimentation	Severe					24	0	0	0
49	Global-Moderate		Joint Misalignment	Severe	Misalignment	Severe	Misalignment	Severe	Flattening	Global-Slight	56	39	0	12
50	Global-Moderate		Joint Misalignment	Severe	Misalignment	Severe	Misalignment	Severe	Flattening	Global-Slight	56	39	0	12
51	Local-Slight						Deformation	Slight	Dimpling	Local-Slight	0	0	0	0
52	Local-Slight				Deformation	Slight			Dimpling	Global-Slight	0	0	0	0
53	Global-Slight				Deformation	Slight					0	0	0	0
54											0	0	0	0
55	Global-Slight								Flattening	Global-Moderate	66	54	0	6
56	Global-Slight				Deformation	Slight	Corrosion	Slight			0	0	0	0
57	Global-Moderate		Joint Misalignment	Severe	Deformation	Slight	Corrosion	Slight			0	0	0	0
58			Exfiltration	Slight			Deformation	Slight	Dimpling	Local-Slight	24	24	0	4
59											30	30		0
60			Exfiltration	Slight			Deformation	Slight	Dimpling	Local-Slight	24	24	0	4
61							Sedimentation	Slight			24	24	0	0
62							Sedimentation	Slight			24	24	0	0
63											0	0	0	0
64									Deflection	Global-Slight	30.5	29.25	0	0
65	Global-Moderate		Exfiltration	Moderate	Deformation	Severe	Undermining	Moderate	Dimpling	Global-Slight	24	24	0	11
66											47.5	46.125	0	0
67											0	0	0	0
68					Undermining	Moderate					0	0		
69											0	0		
70	Global-Slight		Joint Misalignment	Slight					Flattening	Global-Slight	24	0	0	12
71	Global-Severe		Infiltration	Slight	Sedimentation	Moderate	Deformation	Moderate			36	0	0	0
72			Joint Misalignment	Slight					Buckling	Global-Severe	36	22	0	12
73	Global-Slight		Separation	Slight	Cracking	Slight	Cracking	Slight			54	53.5	0	0
74											42	0	0	0
75		Longitudinal			Cracking	Slight	Cracking	Moderate			60	60	0	0
76	Global-Moderate		Infiltration		Corrosion	Moderate	Scour	Severe			24	25	0	0
77	Global-Moderate				Sedimentation	Slight	Deformation	Slight	Flattening	Global-Slight	30	19	0	0
78	Local-Severe								Flattening	Global-Slight	96	66	0	2
79			Joint Misalignment	Severe					Flattening	Local-Severe	48	#VALUE!	0	12
80					Cracking	Moderate	Cracking	Moderate	Flattening	Local-Moderate	18	#VALUE!	0	3
81			Joint Misalignment	Moderate					Flattening	Local-Moderate	42	#VALUE!	0	12
82			Separation	Moderate					Flattening	Local-Moderate	24	0	0	12
83					Sedimentation	Moderate	Sedimentation	Moderate	Flattening	Local-Moderate	24	0	0	12
84	Local-Moderate	Longitudinal			Cracking	Moderate	Cracking	Moderate			24	0	0	0
85					Cracking	Moderate	Cracking	Moderate			18	0	0	0
86			Separation	Moderate					Flattening	Global-Slight	55.5	0	0	12
87			Separation	Moderate	Cracking	Slight			Flattening	Global-Slight	55.5	0	0	0
88			Separation	Moderate							23.5	23	0	0
89											12	12	0	0
90							Scour	Moderate			0	0	0	0

	HazExtnt	CrckType	JointSms	JtExtnt	IletDmg	IletExtnt	OltDmg	OltExtnt	Inspection.BrlShape	ShpExtnt	Inspection BrlSpan	Inspection BrlRise	HazSta	ShpLocn
91			Joint Misalignment	Moderate							18	18	0	0
92	Global-Moderate										0	0	0	0
93	Global-Slight										0	0	0	0
94											0	0	0	0
95							Sedimentation	Severe			0	0	0	0
96	Global-Slight										0	0	0	0
97											0	0	0	0
98											0	0	0	0
99	Local-Slight		Separation	Slight	Deformation	Slight	Separation	Severe	Flattening	Local-Slight	24	23.5	0	0
100	Global-Slight				Sedimentation	Slight	Undermining	Severe			29	30	0	0
101	Local-Slight		Separation	Slight	Sedimentation	Slight	Corrosion	Slight	Flattening	Global-Slight	36	35	0	12
102	Global-Slight				Crushing	Moderate	Cracking	Severe	Crushing	Global-Moderate	12	12	0	0
103	Global-Slight						Sedimentation	Moderate			33	37	0	0
104											0	0	0	0
105											0	0	0	0
106											0	0	0	0
107	Local-Moderate				Corrosion	Moderate					0	0	0	0
108											0	0	0	0
109											0	0	0	0
110											0	0	0	0
111	Global-Moderate								Flattening	Local-Moderate	0	0	0	0
112	Global-Moderate		Infiltration	Moderate	Deformation	Slight	Corrosion	Severe	Dimpling		24	24	0	0
113											0	0	0	0
114	Global-Moderate	Longitudinal	Seam Misalignment	Moderate	Cracking	Slight			Buckling		168	96	0	5
115											0	0	0	0
116											0	0	0	0
117	Local-Moderate								Crushing	Global-Severe	24	0	0	0
118	Global-Severe		Joint Misalignment	Moderate	Corrosion	Severe	Corrosion	Severe			23.5	23.5	0	0
119	Global-Severe		Joint Misalignment	Moderate	Corrosion	Severe	Corrosion	Severe			23.5	23.5	0	0
120					Sedimentation	Slight	Corrosion	Severe			24	0	0	0
121	Local-Slight				Corrosion	Slight					0	0	0	0
122					Corrosion	Severe					23.5	23.5	0	0
123											0	0	0	0
124											12	0	0	0
125	Global-Moderate				Corrosion	Slight					12	#VALUE!	0	0
126	Global-Moderate				Corrosion	Severe					24	#VALUE!	0	0
127	Local-Severe										0	0	0	0
128	Local-Severe										0	0	0	0
129	Global-Moderate		Infiltration	Moderate	Corrosion	Moderate	Corrosion	Moderate			24	24	0	0
130	Global-Severe				Corrosion	Severe	Deformation	Moderate	Flattening	Local-Slight	24	24	0	12
131	Global-Severe		Joint Misalignment	Slight	Corrosion	Severe	Deformation	Severe	Flattening	Local-Slight	24	24	0	12
132	Global-Severe		Joint Misalignment	Slight	Corrosion	Severe	Deformation	Severe	Flattening	Local-Slight	24	24	0	12
133					Corrosion	Severe	Corrosion	Severe			24	0		
134		Longitudinal	Joint Misalignment	Moderate	Corrosion	Severe	Corrosion	Severe			24	24	0	0
135					Corrosion	Severe	Corrosion	Severe			24	24	0	0
136							Sedimentation	Severe	Flattening	Global-Moderate	24	23		12

	HazExtnt	CrckType	JointSms	JtExtnt	IletDmg	IletExtnt	OltDmg	OltExtnt	Inspection.BrlShape	ShpExtnt	Inspection BrlSpan	Inspection BrlRise	HazSta	ShpLocn
137											24	24		
138					Cracking	Severe	Cracking	Severe	Buckling	Local-Moderate	24	24		
139					Deformation	Moderate	Deformation	Moderate			24	24		
140											24	24	0	0
141					Corrosion	Slight	Corrosion	Slight			0	0		
142		Longitudinal									36	36	0	0
143											0	0		
144					Sedimentation	Moderate	Sedimentation	Moderate			0	0		
145					Corrosion	Slight	Corrosion	Slight			24	24	0	0
146		Longitudinal	Joint Misalignment	Slight	Corrosion	Slight	Corrosion	Slight			24	24	0	0
147											24	24	0	0
148	Global-Slight		Joint Misalignment	Severe	Corrosion	Slight	Corrosion	Slight	Flattening	Global-Slight	42	28	0	12
149									Flattening	Local-Slight	0	0	0	12
150											0	0	0	0
151							Deformation	Slight			0	0	0	0
152					Deformation	Slight					0	0	0	0
153			Joint Misalignment	Slight	Undermining	Slight					24	24	0	0
154	Local-Moderate										24	0	0	0
155	Local-Moderate				Cracking	Slight	Cracking	Slight			36	0	0	0
156	Local-Moderate				Cracking	Moderate	Undermining	Moderate	Flattening	Global-Moderate	35	23	0	12
157	Global-Moderate				Corrosion	Moderate	Corrosion	Moderate	Flattening	Local-Moderate	23	0	0	12
158	Local-Moderate				Corrosion	Moderate	Corrosion	Moderate	Buckling	Local-Severe	23	0	0	12
159			Infiltration	Slight	Cracking	Slight	Cracking	Slight			0	54	0	0
160									Flattening	Local-Moderate	35	0	0	0
161	Global-Slight										30	0	0	0
162	Local-Slight						Sedimentation	Severe			24	0	0	0
163											24	0	0	0
164	Global-Severe		Joint Misalignment	Slight	Corrosion	Severe	Corrosion	Severe	Flattening	Global-Slight	24	0	0	12
165	Local-Slight		Joint Misalignment	Slight	Corrosion	Severe			Buckling	Local-Severe	24	0	0	0
166		Longitudinal	Separation	Moderate			Cracking	Slight			#VALUE!	54	0	0
167	Global-Slight	Longitudinal	Infiltration	Moderate							25	24	0	0
168	Local-Slight		Separation	Slight	Cracking	Slight	Cracking	Slight			24	24	0	0
169	Global-Moderate				Corrosion	Moderate	Corrosion	Moderate			24	0	0	0
170					Corrosion	Moderate	Corrosion	Moderate	Flattening	Global-Slight	24	0	0	12
171	Global-Slight		Infiltration	Slight	Corrosion	Slight	Corrosion	Slight			24	24	0	0
172	Global-Slight		Infiltration	Slight	Corrosion	Slight	Undermining	Slight	Flattening	Local-Slight	30	30	0	0
173	Local-Slight		Joint Misalignment		Sedimentation	Slight	Sedimentation	Slight	Flattening	Global-Moderate	36	35	0	12
174					Cracking	Severe	Cracking	Severe			74	88		
175					Undermining	Severe					29	30.5		
176					Sedimentation	Severe	Sedimentation	Severe			24	24		
177					Sedimentation	Severe	Sedimentation	Severe			0	0	0	0
178					Corrosion	Severe	Corrosion	Severe			36	0	0	0
179	Global-Slight										24	24	0	0
180	Global-Moderate								Dimpling	Global-Moderate	36	36	0	0
181	Global-Moderate								Flattening	Global-Slight	30	30	60	0

	HazExtnt	CrckType	JointSms	JtExtnt	IletDmg	IletExtnt	OltDmg	OltExtnt	Inspection.BrlShape	ShpExtnt	Inspection BrlSpan	Inspection BrlRise	HazSta	ShpLocn
182	Global-Moderate				Deformation	Slight	Undermining	Moderate	Dimpling	Local-Slight	24	24	0	0
183		Longitudinal	Joint Misalignment	Slight			Cracking	Slight	Crushing		24	24	0	0
184	Global-Slight	Longitudinal	Joint Misalignment	Moderate			Cracking	Severe			24	24	0	0
185					Deformation	Severe	Sedimentation	Slight	Dimpling	Local-Severe	35.5	36	0	12
186	Global-Slight								Flattening	Global-Slight	30	30	0	12
187									Buckling	Local-Severe	24	24	0	1
188	Global-Moderate				Corrosion	Moderate	Corrosion	Moderate	Flattening	Global-Moderate	54	37	0	12
189			Separation	Slight	Misalignment	Slight	Misalignment	Moderate			18	18	0	0
190							Scour	Slight			0	0	0	0
191					Cracking	Slight					0	0	0	0
192	Global-Slight				Corrosion	Slight	Deformation	Slight			0	0	0	0
193	Local-Slight										0	0	0	0
194		Longitudinal	Joint Misalignment	Slight	Cracking	Slight	Cracking	Moderate			24.75	23.25	0	0
195	Local-Severe				Deformation	Moderate	Deformation	Moderate	Flattening	Global-Moderate	24	0	0	10
196											0	0	0	0
197	Global-Slight		Joint Misalignment	Slight			Corrosion	Slight	Dimpling	Global-Slight	0	0	0	5
198	Global-Slight				Corrosion	Slight	Corrosion	Slight			0	0	0	0
199							Cracking	Slight			0	0	0	0
200											24.25	24.25	0	0
201	Local-Slight		Infiltration	Slight	Scour	Moderate	Corrosion	Slight			60	61	0	0
202	Global-Moderate										25	25	0	0
203			Joint Misalignment	Slight							46	36	0	0
204			Separation	Severe					Flattening	Local-Severe	36	0	0	1
205					Undermining	Slight			Flattening	Global-Slight	17.5	0	0	3
206			Joint Misalignment	Moderate	Deformation	Slight			Flattening	Global-Severe	17	0	0	3
207	Local-Slight		Joint Misalignment	Severe	Deformation	Slight	Deformation	Slight	Flattening	Global-Slight	24	24	0	0
208		Circumferential					Cracking	Slight			0	0	0	0
209											0	0	0	0
210	Global-Moderate				Deformation	Slight	Deformation	Slight	Flattening	Global-Slight	0	24	0	12
211	Global-Moderate						Corrosion	Severe	Flattening	Global-Slight	23.5	24	0	12
212							Sedimentation	Moderate			0	0	0	0
213					Sedimentation	Moderate	Scour	Severe			0	0	0	0
214											0	0	0	0
215		Longitudinal	Joint Misalignment	Slight	Crushing	Severe	Crushing	Severe			24	0	0	0
216					Crushing	Severe	Crushing	Severe			24	0		
217											0	0	0	0
218											0	0	0	0
219			Joint Misalignment	Slight	Crushing	Slight	Crushing	Slight			24	0	0	0
220							Undermining	Severe			24	0	0	0
221			Separation	Moderate	Sedimentation	Slight	Corrosion	Moderate	Flattening	Local-Moderate	18	0	0	12
222							Sedimentation	Severe			0	0	0	0
223			Joint Misalignment	Severe	Deformation	Slight	Deformation	Slight	Flattening	Global-Severe	24	0	0	0
224			Joint Misalignment	Slight	Deformation	Slight	Deformation	Slight	Flattening	Global-Slight	24	0	0	0
225	Local-Moderate		Infiltration	Slight	Deformation	Slight	Deformation	Slight	Flattening	Global-Slight	90	63	0	12
226			Joint Misalignment	Slight	Deformation	Slight	Deformation	Slight	Flattening	Global-Slight	24	0	0	0
227	Global-Slight		Joint Misalignment	Slight	Corrosion	Slight	Corrosion	Slight			24	0	0	0
228					Deformation	Slight	Deformation	Moderate	Flattening	Global-Moderate	46	0	0	0
229											24	0	0	0

	HazExtnt	CrckType	JointSms	JtExtnt	IletDmg	IletExtnt	OltDmg	OltExtnt	Inspection.BrlShape	ShpExtnt	Inspection BrlSpan	Inspection BrlRise	HazSta	ShpLocn
230											36	0	0	0
231	Global-Slight								Flattening	Global-Slight	68	75	0	12
232			Separation	Severe			Crushing	Moderate			24	0	0	0
233	Global-Slight				Deformation	Moderate					24	0	0	0
234			Joint Misalignment	Severe	Cracking	Severe	Sedimentation	Severe			24	0	0	0
235					Undermining	Severe	Corrosion	Slight			42	0	0	0
236		Longitudinal	Joint Misalignment	Moderate	Cracking	Moderate	Cracking	Moderate			24	0		
237			Separation	Moderate	Cracking	Moderate	Cracking	Moderate			24	0		
238	Global-Moderate				Corrosion	Moderate	Corrosion	Moderate	Dimpling	Local-Slight	0	0	0	0
239	Global-Slight		Joint Misalignment	Slight	Corrosion	Slight	Undermining	Moderate			0	0	0	0
240	Global-Slight								Dimpling	Local-Slight	0	0	0	0
241	Global-Slight										0	0	0	0
242	Global-Slight	Circumferential			Cracking	Severe					0	0	0	0
243	Global-Slight										0	0	0	0
244	Global-Slight						Undermining	Severe			0	0	0	0
245	Global-Slight		Joint Misalignment	Moderate							0	0	0	0
246	Global-Slight										0	0	0	0
247	Global-Slight										0	0	0	0
248	Global-Slight										0	0	0	0
249	Global-Slight								Dimpling	Local-Slight	46	49	0	7
250	Global-Slight						Deformation	Slight			0	0	0	0
251											0	0	0	0
252											0	0	0	0
253							Deformation	Slight			0	0	0	0
254					Undermining	Moderate	Undermining	Severe	Dimpling	Global-Slight	0	0	0	6
255					Deformation	Slight					0	0	0	0
256					Deformation	Slight			Flattening	Global-Slight	0	0	0	0
257		Circumferential	Separation	Moderate					Buckling	Global-Moderate	79	85	0	12
258	Global-Moderate		Infiltration	Slight			Corrosion	Slight			36.5	37	0	0
259	Global-Slight		Infiltration	Slight	Sedimentation	Slight	Corrosion	Slight	Flattening	Global-Slight	37.5	36	0	0
260	Global-Moderate				Corrosion	Slight	Undermining	Slight			23.25	24.25	0	0
261											55	66	0	0
262											0	0	0	0
263											0	0	0	0
264											0	0	0	0
265	Local-Moderate										0	0	0	0
266	Global-Moderate		Infiltration	Slight	Corrosion	Moderate	Corrosion	Severe	Flattening		36	36.5	0	0
267	Local-Slight				Sedimentation	Slight	Cracking	Moderate			23	24	0	0
268		Circumferential					Sedimentation	Slight	Flattening	Global-Slight	26	24	0	0
269	Global-Slight				Sedimentation	Moderate	Sedimentation	Slight			24	24.25	0	0
270	Global-Slight		Infiltration	Slight	Corrosion	Moderate	Corrosion	Moderate	Dimpling	Local-Moderate	24	24.5	0	1
271	Global-Moderate				Corrosion	Slight	Scour	Slight			57	62	0	0
272	Global-Slight		Seam Misalignment	Moderate			Corrosion	Slight	Flattening		35.5	37		

	ShpSta	Brl Rtng	BrlCmnts	CrckLoc	CrckSta	CrckWid	CrckLen	JtSta	BnkProtctCmnt	Maint Rtg
1	0	8		0	0	0	0	0		6
2	0	7	severe soil-side corrosion along the barrel length	0	0	0	0	0	downstream waterway has significant sign of erosion	7
3	0	6	joint separation due to instability of embankment over the top of the culverts may lead to complete outlet drop-off and consequent roadway sagging	0	0	0	0	0	outlets project over rock ledge that protects the downstream river bed instability. Embankment leading to roadway over outlets is unstable due to water from the roadway causing large cracks in the embankment which has sagged causing the culvert outlet e	4
4	0	6	joint separation due to instability of embankment over the top of the culverts may lead to complete outlet drop-off and consequent roadway sagging	0	0	0	0	0	outlets project over rock ledge that protects the downstream river bed instability. Embankment leading to roadway over outlets is unstable due to water from the roadway causing large cracks in the embankment which has sagged causing the culvert outlet e	4
5	5	8	csp-helical extend section at outlet	0	0	0	0	0		8
6	0	8	soil-side corrosion	0	0	0	0	0	concrete block around inlet	8
7	20	4	Soil-side corrosion. Crown buckling. Seam tear. Severe joint misalignment	0	0	0	0	0		4
8	45	7		0	0	0	0	0	slight inlet embedment washout	6
9	15	5	Joint seperated. Crown buckling.	0	0	0	0	0		5
10	0	5	root intrusion	0	0	0	0	0	none downstream	5
11	0	5		0	0	0	0	0		5
12	0	7		0	0	0	0	0	rounded armoring upstream	7
13	0	7	(wall thickness within and out coating).corrosion at seams	0	0	0	0	0	none downstream	7
14	0	4	river's curvature at spring line	0	0	0	0	0	none(up and down)	4
15	0	7		0	0	0	0	0	none downstream	7
16	0	5		0	0	0	0	0	angular/boulders downstream	5
17	0	8	soil-side corrosion, minor misalignment	0	0	0	0	0		8
18	0	7	1/3 barrel sediemented, inlet crushed locally	0	0	0	0	0		6
19	0	6	inlet end dropoff	0	0	0	0	0		6
20	0	7	inlet end drop-off	0	0	0	0	0		7
21	0	8		0	0	0	0	0		7
22	0	7	outlet top-half cracked off	0	0	0	0	0		3
23		7	minor flattening of crown, water mark at mid-rise, seams good, 3" sedimentation			0	0			7
24		6	boulder armor for embankment, inlet has local crushing, barrel is uncoated with no significant corrosion local flattening along culvert length at 10 o'clock				0			5
25	0	6		0	0	0	0	0	drop-off at inlet invert will result in backwater during heavy flows	4
26	0	7	barrel has uniform slight corrosion. view of most of barrel is not possible due to steep gradient of inlet pipe.	0	0	0	0	0	outlet projects over sheer edge on cliff	7
27	0	5	barrel has severe soil-side corrosion along the entire length. At frequent localized spots, the corrosion has penetrated to the culvert interior resulting in full wall loss.	0	0	0	0	0		5
28	0	8	barrel is in good condition. evidence of barrelk extension with good joint.	0	0	0	0	0		5
29	90	7	culvert has significantr soil-side corrosion and pitting that poenetrates through culvert wall. Seams have significant corrosion due to minor infiltration.	0	0	0	0	0		7
30	0	8	slight barrel flattening	0	0	0	0	0	outlet projects over rock basin	8
31	0	8	initiation of invert corrosion, good otherwise	0	0	0	0	0		7
32	40	5	invert is severely corroded at midspan and crown has complete localized buckling near edge of road at outlet side.	0	0	0	0	0		5
33	0	6	wall thickness includes asphalt lining in and out	0	0	0	0	0		6
34	0	5	unlined corrugated damage at ends	0	0	0	0	0		5
35	0	6	lined,corrugated	0	0	0	0	0		6
36	0	5	lined,corrugated.root intrusion	0	0	0	0	0		5
37	0	4	lined,corrugated	0	0	0	0	0		4
38	0	7	lined,corrugated	0	0	0	0	0		7
39	0	7	severe localized crown buckle at 40 ft from outlet, inlet end treatment coating is cracked and delaminated	0	0	0	0	130	downstream protection is actually a rock ledge that the culvert end projects over	7
40	0	8	barrel has very minor invert misalignment and slight cornw flattening, but is in good condition overall. We collected a sample from the wall.	0	0	0	0	0		8
41	145	8	local dimpling near inlet and initiation of undermining at outlet	0	0	0	0	0	downstream embankment has moderate washout and should be stabilized	6

	ShpSta	Brl Rtng	BrlCmnts	CrckLoc	CrckSta	CrckWid	CrckLen	JtSta	BnkProtctCmnt	Maint Rtg
42	0	8	slight invert and soil-side corrosion	0	0	0	0	0	upstream vegetation partially blocks inlet	7
43	0	6	severe soil-side corrosion at outlet, suspected to continue over full barrel length, outlet has initiation of undermining causing poor waterway vertical alignment	0	0	0	0	0	downstream embankment has severe washout that is beginning to erode culvert support	5
44	0	8	coating lost due to abrasion but no significant corrosion where galvanizing is revealed	0	0	0	0	0		8
45	0	3	the length of the barrel is not visible due to severe buckling of the crown and both ends of the culvert. this culvert should be replaced or reformed.	0	0	0	0	0		3
46	0	6	wallthickness includes asphalt lining in and out	0	0	0	0	0		3
47	0	4	steep gradient	0	0	0	0	0		4
48	0	5		0	0	0	0	0		5
49	0	4	likely outlet extension for heavy damaged and corroded 24" cmp running under roadway	0	0	0	0	0		4
50	0	4	likely outlet extension for heavy damaged and corroded 24" cmp running under roadway	0	0	0	0	0		4
51	0	7	corroded rivets	0	0	0	0	0		7
52	0	7		0	0	0	0	0		5
53	0	7		0	0	0	0	0		6
54	0	8	slight joint misalignment	0	0	0	0	0	4' Drop at outlet projection	8
55	0	7	mild invert deformation	0	0	0	0	0		7
56	0	7		0	0	0	0	0		3
57	0	4	severe joint misalignment	0	0	0	0	0		3
58	25	7		0	0	0	0	25		7
59	0	8		0	0	0	0	0		8
60	25	7		0	0	0	0	0		7
61	0	8	outlet 4" sedimented	0	0	0	0	0		8
62	0	7	outlet 4" sedimented for 10ft.	0	0	0	0	0		7
63	0	9		0	0	0	0	0		8
64	0	9	Deflection at station 5. Crown in Pre-deflected up. End treatments have slight pull-away from barrel	0	0	0	0	0		8
65	40	4	Severe inlet corrosion, outlet drop-off	0	0	0	0	0	Severe outlet scour, undermine also	4
66	25	9	steel plate barrel extended at ends with helical and gasketed end treatments	0	0	0	0	0		9
67	0	9	csp barrel added to steel plate barrel but sedimented at outlet not removed when end treatment installed.	0	0	0	0	0		7
68		5	external corrosion			0	0			5
69		6	external corrosion			0	0		rounded armoring (up & down)	6
70	0	7	unlined	0	0	0	0	0		4
71	0	6	galvanized, corroded joints	0	0	0	0	0		6
72	0	4		0	0	0	0	0		4
73	0	7	end treatment has conc slab - flat bottom	0	0	0	0	0		7
74	0	8		0	0	0	0	0		8
75	0	7	box culvert that looks like ends may have been improved after initial installation. Box has cracking along many of the walls in longitudinal direction. outlet end has moderate cracking in wingwalls	0	0	0.1	144	0		7
76	0	7	moderate soil-side corrosion along length of barrel	0	0	0	0	0	downstream end has significant embankment eorsion, however it is 15 ft from the roadway shoulder and is a lower risk to roadway stability. The embankment should be stabilized to prevent drop-off of the culvert end section	6
77	0	7	asphaltic coating has cracked and delaminated	0	0	0	0	0		6
78	0	6	acitivity waterway good slight flattening	0	0	0	0	0	none up and down	6
79	25	5		0	0	0	0	0	rounded armoring up and down riprap	5
80	70	7	ADS	0	0	0	0	0	rounded armoring (up & down riprap)	3
81	15	7		0	0	0	0	0	none(up and down)	7
82	0	8	separation at outlet	0	0	0	0	0	none upstream/rounded downstream rip rap	8
83	0	7	joint damage sta 5 ,3:00,good-minimal corrosion	0	0	0	0	0	none upstream/rounded downstream riprap	7
84	0	7	localized corrosion product inside & out at 11:00 and 1:00, crown crack longitudinal, 3' long, infilstration at joint failure at outlet	12	0	0.002	0	0	none	7
85	0	6		0	0	0	0	0		6
86	0	5	soil infilstration at joint sep	0	0	0	0	0		5
87	0	5		0	0	0	0	20		5
88	0	5	soil infiltration at joint sep	0	0	0	0	0	rounded armoring downstream stone	5
89	0	8	2" sediment	0	0	0	0	0	angular armoring downstream boulders	7
90	0	7	Scour at outlet, 18" deep. Good condition.	0	0	0	0	0		5

	ShpSta	Brl Rtng	BrlCmnts	CrckLoc	CrckSta	CrckWid	CrckLen	JtSta	BnkProtctCmnt	Maint Rtg
91	0	5		0	0	0.001	0	0	veg	5
92	0	6	invert fully corroded	0	0	0	0	0		0
93	0	6	Light corrosion in invert. Some uneveness of invert, 3" to 4" of silt. Condition is good.	0	0	0	0	0		6
94	0	8	Good	0	0	0	0	0		8
95	0	6	Outlet is filled to 3/4 of diameter	0	0	0	0	0		4
96	0	7	Light corrosion in invert. Condition is good	0	0	0	0	0		7
97	0	8	Good Condition	0	0	0	0	0		8
98	0	7	Invert partially buried. Condition is good	0	0	0	0	0		5
99	50	6	outlet end treatment has completely dropped-off. Baqrrel has slight joint separation near outlet end.	0	0	0	0	20		6
100	0	7		0	0	0	0	0	downstream end looks like it has significant undermining due to projection of the preformed metal end treatment	6
101	0	7		0	0	0	0	66		7
102	0	5	barrel is buried in asphalt along length except outlet which cantilevers. The inlet end has severe UV degradation and the outlet end shows severe cracking where pipe looks to have been damaged by rock impact. The cantilever section is deformned and	0	0	0	0	0	doenstream area looks like it had scour before it was stabilized with asphalt paving	5
103	0	7	poor alignment causing sedimentation	0	0	0	0	0		6
104	0	5	Inlet is in fair condition. no corrosion, 6" debris. 45 deg. skew. Some kinking in corrugations in haunch. Sag in center.	0	0	0	0	0		5
105	0	8	no corrosion. good condition.	0	0	0	0	0		8
106	0	7	cracked plastic outlet (could be mowing). Pipe in good condition (no cracks).	0	0	0	0	0		7
107	0	7	soil side corrosion at inlet top of pipe, no perforation. Good condition.	0	0	0	0	0		7
108	0	8	Good condition.	0	0	0	0	0		8
109	0	8	Good condition.	0	0	0	0	0	Erosion in embankment about 15ft below outlet.	8
110	0	8	Good condition	0	0	0	0	0		6
111	0	5	Invert corrosion with heavy scaling but no penetration, all below water line. Deflected at midlength. Fair condition.	0	0	0	0	0		5
112	0	6	barrel is steel plate, however section at outlet is helical and is badly corroded and is separated from end treatment	0	0	0	0	0		0
113	0	0		0	0	0	0	0		0
114	4	6		7	0	1	4	0		0
115	0	8	Outlet in Good Condition	0	0	0	0	0		8
116	0	8	cannot see through length of pipe. Good Condition	0	0	0	0	0		8
117	0	5	edge drain,complete collapse.poor sediment 2/3 rise	0	0	0	0	0	none (up and down)	5
118	0	8	looks like slipline with concrete fill in angular space	0	0	0	0	0	none downstream	7
119	0	8	looks like slipline with concrete fill in angular space	0	0	0	0	0	none downstream	7
120	0	7		0	0	0	0	0	rip rap upstream	7
121	0	7	Corrosion in invert. Cannot see through pipe.	0	0	0	0	0		7
122	0	8	looks like slipline with concrete fill in angular space	0	0	0	0	0	rounded armoring upstream	7
123	0	8	Good condition. no deflection, pipe is clean.	0	0	0	0	0		8
124	0	8		0	0	0	0	0	none(up and down)	7
125	0	8	good	0	0	0	0	0	material cohesive	7
126	0	7	invert corroded	0	0	0	0	0	material cohesive	7
127	0	6	Ends not recorrugated. Invert corrosion. Perforated, no noticeable deflection. Invert in Poor Condition.	0	0	0	0	0		6
128	0	5	Inlet in poor condition. Invert corroded and perforated.	0	0	0	0	0		5
129	0	5	1/3 sedimented and moderate corrosion	0	0	0	0	0		5
130	0	4	Severely sedimented, inlet is severely corroded. Outlet had moderate deformation	0	0	0	0	0		4
131	0	5	Barrel coating worn away, severe corrosion. Slight joint misalignment	0	0	0	0	0		4
132	0	5	Barrel coating worn away, severe corrosion. Slight joint misalignment	0	0	0	0	0		5
133		5	inlet completely corroded where lining is missing			0	0			5
134	0	8	End section has minor crown and springline cracking	12	0	0.01	96	0		8
135	0	9		0	0	0	0	0		8
136		5	culvert set below surrounding grade, outlet half clogged, standing water to half rise				0		culvert set below surrounding grade, outlet half clogged, standing water to half rise	5

	ShpSta	Brl Rtng	BrlCmnts	CrckLoc	CrckSta	CrckWid	CrckLen	JtSta	BnkProtctCmnt	Maint Rtg
137		8	sloped concrete wall with vertical fin steel grating			0	0		angular armoring (up & down)	8
138		6	destroyed asphalt liner			0	0		angular armoring (up and down)	6
139		7	good condition, inlet HDPE wingwalls have slight buckling			0	0			7
140	0	9	Could not access pipe interior	0	0	0	0	0		8
141		7	good, mild corrosion on steel end treatment			0	0		angular armoring (up and down)	0
142	0	7	slight crown cracking along the culvert length	12	0	0.02	144	0		6
143			lower 3 in. filled with soil, barrel has no noticeable corrosion, good condition			0	0			0
144		6	moderate corrosion at ends of culvert where unlined with concrete. preformed ends show similar mild corrosion, deep sedimentation over bottom 1/3 of pipe rise			0	0			4
145	0	8	minor end treatment corrosion	0	0	0	0	0		3
146	0	7	barrel has crown crack, slight misalignment at joints, slight rebar corrosion product at barrel ends	12	0	0.01	96	0		6
147	0	8	barrel performance is good. Timber near water line has bloom due to salt crystal growth.	0	0	0	0	0		8
148	0	7	many barrels. all show joint misaloignment to some degree. aluminum barrels are in good condition. steel barrels are slightly corroded, plastic sheet coating is peeled away with corrosion at peeled locations	0	0	0	0	0	riprap placed between barrels to stabilize slope	7
149	0	8		0	0	0	0	0		8
150	0	9	looks new	0	0	0	0	0		8
151	0	9	looks new, outlet deformed	0	0	0	0	0		8
152	0	9	Looks new. Inlet deformed	0	0	0	0	0		9
153	0	7	asphaltic coating is cracked and delaminated in localized areas. alignment dips at mid-length. shape is good	0	0	0	0	50		4
154	0	8		0	0	0	0	0		7
155	0	8	coating is cracked and worn at ends	0	0	0	0	0		7
156	0	6		0	0	0	0	0		6
157	0	6	moderate glodal corrosion	0	0	0	0	0		6
158	0	4	ok - crushed at shoulder	0	0	0	0	0		4
159	0	8		0	0	0	0	0		8
160	0	6	asphalt coating is cracked and worn away	0	0	0	0	0		6
161	0	7	clating loss minor surface corrosion	0	0	0	0	0		7
162	0	7		0	0	0	0	0		6
163	0	8		0	0	0	0	0		8
164	0	5	exterior and joint corrosion due to soil penetration	0	0	0	0	0		5
165	0	5		0	0	0	0	0		5
166	0	7	barrel is infested with spiders along entire length, so we did not do a detailed walk through inspection.	0	0	0.01	144	0		7
167	40	7		0	0	0.05	96	0		7
168	0	7		0	0	0	0	0		7
169	0	7		0	0	0	0	0	angular armoring upstream	7
170	0	7		0	0	0	0	0	none(up and down)	3
171	0	7		0	0	0	0	0		7
172	0	7	slight seam corrosion due to soil infiltration, slight crown flattening	0	0	0	0	0		7
173	0	7	moderate crown flattening in the original steel plate section. joint to new helical end sections is not soil tight.	0	0	0	0	0		7
174		6	RC headwall and wingwall, asphalt lining cracked			0	0		angular armoring (up & down)	6
175		4	0.12 wall thickness, coating cracked, barrel clogged at midlength			0	0			4
176		6	INLET SEDIMENT LOWER HALF, MODERATE CORROSION, loss of galvanizing, inlet 1/2 filled with soil for half length of culvert			0	0			4
177	0	4		0	0	0	0	0	none(up and down)	4
178	0	7		0	0	0	0	0	none(up and down)	7
179	0	8	mild invert corrosion; excellent alignment	0	0	0	0	0		8
180	0	8	barrel invert corroded to 1/3 rise	0	0	0	0	0		8
181	0	7	moderate invert corrosion	0	0	0	0	0		6

	ShpSta	Brl Rtng	BrlCmnts	CrckLoc	CrckSta	CrckWid	CrckLen	JtSta	BnkProtctCmnt	Maint Rtg
182	0	6	undermining and drop-off of outlet section can destabilize entire embankment and consequentloy weaken roadway shoulders	0	0	0	0	0	outlet onto steep slope and water runs down slope beside culvert washing away bank support	6
183	0	7	outlet section has springline longitudinal cracking.	0	0	0.05	60	25		7
184	0	7	damage is confinmed to springline cracking at outlet, and laitance at outlet section	3	0	0.11	48	5	outlet floows into river	7
185	0	5	inlet end treatment is crushed from recent adjacent construction reducing barrel rating	0	0	0	0	0		5
186	0	7	minor corrosion along culvert length	0	0	0	0	0		7
187	15	6	locally collapsed wall appears to be the result of posts driven for shoulder barrier. sample collected from barrel wall.	0	0	0	0	0	steep gradient at outlet. inlet is protected from erosion from steep gradient by attaching end treatment at 45 degree angle to longitudinal culvert axis allowiong end treatment to dissipate fast flows	6
188	0	6	barrel has significantr crown flattening and deformation along its length. invcert is corroded heavily with minor wall loss but no complete wall penetration. corrosion is water-side only. minor corrosion at joints indicates water infiltration, but	0	0	0	0	0		6
189	0	7	outlet end has dropped off	0	0	0	0	0		7
190	0	8	Good Condition, minor scour at headwall on outlet side	0	0	0	0	0		7
191	0	7	Small crack near invert. Good condition	0	0	0	0	0		0
192	0	7		0	0	0	0	0	standing water at both ends during inspection	7
193	0	7	Asphalt coating cracked	0	0	0	0	0		7
194	0	8	Good, shows good compaction	0	0	0	0	0		0
195	0	4		0	0	0	0	0	none	4
196	0	9	new culvert, good condition	0	0	0	0	0		9
197	15	6	wall buckling at springline. Wall dimpling at upstream end.	0	0	0	0	0		6
198	0	8	soil-side corrosion throughout.	0	0	0	0	0		7
199	0	9	looks new	0	0	0	0	0		9
200	2	8		0	0	0	0	0		8
201	0	7		0	0	0	0	0	embankment around mitered culvert outlet is armored with riprap	6
202	0	8	soil-side corrosion along length of culvert, as evidenced by ends where soil has been removed	0	0	0	0	0		8
203	0	8		0	0	0	0	0		8
204	0	5	fair	0	0	0	0	0		0
205	0	6	steep gradient good	0	0	0	0	0		6
206	0	3	pipe has sharp alignment change downward at outlet-corrugated,lined,poor	0	0	0	0	0		3
207	0	4	barrel has severe joint misal;ignment; it appears that the culvert may have been extended at each end and these extended ends have dropped off	0	0	0	0	0		4
208	6	7	Partial circumferential crack 6" from outlet. Good condition	0	0	0	0	0		0
209	0	6	Inlet filled 3/4 of diameter with water and dirt. Minor concrete erosion at crown. Good condition	0	0	0	0	0		4
210	0	7		0	0	0	0	0	angular armoring downstream boulders	7
211	0	7		0	0	0	0	0	rounded gravel upstream stone	7
212	0	7	End of extension pipe chipped. Outlet buried 1/2 full. Good Condition	0	0	0	0	0		5
213	0	7	Outlet is in poor condition. Barrel is in good condition. Inlet catch basin clogged.	0	0	0	0	0		3
214	0	8	Outlet attached to irrigation system. Barrel is clean and in good condition.	0	0	0	0	0		0
215	0	7		12	0	0.001	72	0	none(up and down)	7
216		6				0	0		none(up and down)	6
217	0	8	Condition good	0	0	0	0	0	some soil erosion ditches around inlet	0
218	0	0	Some mud in invert, Good Condition	0	0	0	0	0		0
219	0	6		0	0	0	0	0	none upstream/rounded downstream	6
220	0	4		0	0	0	0	0		4
221	0	5		0	0	0	0	0		5
222	0	0	Outlet clogged	0	0	0	0	0		0
223	0	4	severe barrel deflection	0	0	0	0	0		4
224	0	7		0	0	0	0	0		7
225	0	6		0	0	0	0	0		6
226	0	7		0	0	0	0	0		7
227	0	6		0	0	0	0	0		6
228	0	6		0	0	0	0	0		6
229	0	8	looks new -lined corrugated	0	0	0	0	0		8

	ShpSta	Brl Rtng	BrlCmnts	CrckLoc	CrckSta	CrckWid	CrckLen	JtSta	BnkProtctCmnt	Maint Rtg
230	0	8	good	0	0	0	0	0		8
231	0	8		0	0	0	0	0		8
232	0	5	fair	0	0	0	0	0		5
233	0	7		0	0	0	0	0		7
234	0	5	poor	0	0	0	0	0		3
235	0	6		0	0	0	0	0		3
236		5		12		0.002	0		stone armoring downstream	5
237		5					0			5
238	0	6		0	0	0	0	0		5
239	0	7	outlet undermining	0	0	0	0	0		7
240	0	7		0	0	0	0	0	stone	7
241	0	8		0	0	0	0	0		8
242	15	6	Inlet is cracked and shows invert abrasion	10	0	0	10	0		6
243	0	8	Minor Corrosion	0	0	0	0	0		8
244	0	8	Minor Corrosion	0	0	0	0	0	Requires outlet protection	5
245	0	7	Asphalt coating is cracked at both the inlet and outlet. Invert corrosion. Joint misalignment at inlet	0	0	0	0	0		7
246	0	8	minor interior surface corrosion	0	0	0	0	0		8
247	0	8	minor interior surface corrosion	0	0	0	0	0		6
248	0	8	minor interior surface corrosion	0	0	0	0	0		8
249	10	7	deformation measured at station 10	0	0	0	0	0	riprap used at outlet	7
250	0	7	slight suface corrosion on interior	0	0	0	0	0		7
251	0	8	older galvanized csp extended with hdpe coated csp	0	0	0	0	0		7
252	0	8		0	0	0	0	0		7
253	0	7	Asphalt is cracked at end treatments (coating)	0	0	0	0	0		6
254	0	2	Invert damage due to abrasion. Rating due to severe outlet undermining	0	0	0	0	0		2
255	0	9	short section drains into catch basin.	0	0	0	0	0		9
256	0	7	Asphalt coating is worn away.	0	0	0	0	0		6
257	20	5	looks new, Moderate global buckling.	12	0	0.5	24	0		5
258	0	7		0	0	0	0	0		7
259	0	6	barrel has bends in longitudinal alignment. scout at outlet may lead to barrel undermining.	0	0	0	0	0		6
260	0	8	barrel has internal asphaltic coating that is cracked and worn away completely along invert. corrosion product on bolt heads	0	0	0	0	0		6
261	0	8	barrel has internal asphaltic coating that is cracked and beginning to delaminate in localozed areas.	0	0	0	0	0	armored downstream embankment	8
262	0	0	no comment	0	0	0	0	0		0
263	0	0	no comments	0	0	0	0	0		0
264	0	7	riveted seams, superficial corrosion on O.D., No corrosion on invert I.D.	0	0	0	0	0		0
265	0	5	Extension deflected, some bulges in upper half. Heavy invert corrosion with scaling, riveted culvert in good condition without deflection. Light corrosion at invert. Condition = Mixed	0	0	0	0	0	Heavy layer of boulders starts 20ft upstream. Grass and rubble under outlet	0
266	0	6	highly corroded barrel - internal and external	0	0	0	0	0	outlet projects out over steep embankment over a perennially wet stilling pond	6
267	0	7		0	0	0	0	0		7
268	0	8		0	0	0	0	0	steep embankment on downstream side	8
269	0	8		0	0	0	0	0		7
270	10	6	barrel has interior and exterior corrosion, interior and exterior coating is cracked and peeled, outlet end has moderate crown dimpling	0	0	0	0	0		6
271	0	7	soil-side moderate corrosion and interior minor corrosion. Asphaltic coating is cracked and delaminated on the interior and completely gtone on exposed exterior of barrel. Outlet has minor scour and a concrete splash pad.	0	0	0	0	0		7
272		7					0	70	outlet embankmen end should be reinforced with riprap	6

	MaintenanceCmnts	Inspection.CvtID	Region	District in Reg 4	Revegetation Zone	Geologic Zone	Road Importance	Span Importance	Drain Importance	Importance Modifier
1	barrel has 1/2 rise sedimentation	360H-262-0036-04800	4	Price	Creosote Bush Zone	Jurassic	1.00	1.10	0.91	1.00
2	outlet has sign of erosion	360H-261-0025-00400	4	Price	Sagebrush Zone	Pennsylvanian-Permian	1.00	1.10	0.91	1.00
3	roadway embankment at outlet end is unstable due to water off of the road (see banbk protection comments)	360H-261-0004-04010	4	Price	Sagebrush Zone	Pennsylvanian-Permian	1.00	0.91	0.91	0.83
4	roadway embankment at outlet end is unstable due to water off of the road (see banbk protection comments)	360H-261-0004-04000	4	Price	Sagebrush Zone	Pennsylvanian-Permian	1.00	1.00	0.91	0.91
5		360H-257-0065-03300	4	Cedar	Shadscale Zone	Quaternary	1.00	1.00	0.91	0.91
6		360H-257-0063-07700	4	Cedar	Shadscale Zone	Quaternary	1.00	1.00	0.91	0.91
7	sediment at outlet deformed barrel.	360H-257-0045-08100	4	Cedar	Shadscale Zone	Quaternary	1.00	0.91	0.91	0.83
8	sediment at inlet	360H-257-0029-03800	4	Cedar	Shadscale Zone	Quaternary	1.00	0.91	0.91	0.83
9	sediment throughout	360H-257-0027-01000	4	Cedar	Shadscale Zone	Quaternary	1.00	0.91	0.91	0.83
10	none	360H-215-0026-08300	2		Shadscale Zone	Quaternary	0.91	1.10	0.91	0.91
11	none	360H-215-0025-06500	2		Shadscale Zone	Quaternary	0.91	1.10	0.91	0.91
12	none	360H-215-0025-06300	2		Shadscale Zone	Quaternary	0.91	1.10	0.91	0.91
13	none	360H-215-0025-02600	2		Shadscale Zone	Quaternary	0.91	1.10	0.91	0.91
14	none	360H-215-0024-06400	2		Shadscale Zone	Quaternary	0.91	1.00	0.91	0.83
15	none	360H-215-0024-06200	2		Shadscale Zone	Quaternary	0.91	1.00	0.91	0.83
16	minor scour at toe of outlet end	360H-215-0024-04200	2		Shadscale Zone	Quaternary	0.91	1.10	0.91	0.91
17	good	360H-199-0012-08800	2		Pinyon-Juniper Zone	Mississippian	1.00	1.10	0.91	1.00
18	barrel 1/3 sedimented	360H-199-0004-02200	2		Sagebrush Zone	Quaternary	1.00	1.10	0.91	1.00
19	inlet end drop-off	360H-196-0035-09000	2		Saline Desert	Ordovician-Silurian-Devonian	1.00	1.10	0.91	1.00
20	end drop-off	360H-196-0032-08600	2		Saline Desert	Ordovician-Silurian-Devonian	1.00	1.10	0.91	1.00
21		360H-196-0031-01500	2		Sagebrush Zone	Quaternary	1.00	1.00	0.91	0.91
22	barrel 5/6 sedimented	360H-196-0006-07300	2		Sagebrush Zone	Quaternary	1.00	1.10	0.91	1.00
23		360H-191-0209-09500	3		Sagebrush Zone	Tertiary (older)	1.00	1.10	0.91	1.00
24		360H-191-0203-04500	3		Sagebrush Zone	Tertiary (older)	1.00	1.10	0.91	1.00
25	barrels are heavily sedimented and at an incorrect elevation	360H-191-0194-03900	3		Pinyon-Juniper Zone	Tertiary (older)	1.00	1.00	0.91	0.91
26	inlet should be better protected from debris	360H-191-0169-07800	3		Montane Zone	Tertiary (older)	1.00	1.00	0.91	0.91
27	upstream elevation is higher than culvert invert which increases risk of sedimentation. barrel has severe corrosion allong length from soil-side penetrating to the interior	360H-191-0144-03800	4	Price	Pinyon-Juniper Zone	Tertiary (older)	0.91	1.00	0.91	0.83
28	outlet sedimentation	360H-191-0122-00200	4	Price	Pinyon-Juniper Zone	Jurassic	0.91	1.10	0.91	0.91
29	culvert has significantr soil-side corrosion	360H-191-0114-06400	4	Price	Pinyon-Juniper Zone	Jurassic	0.91	1.00	0.91	0.83
30		360H-191-0094-01600	4	Price	Shadscale Zone	Jurassic	0.91	1.00	0.91	0.83
31	scout at outlet	360H-191-0075-07400	4	Price	Shadscale Zone	Tertiary (older)	0.91	1.00	0.91	0.83
32	invcert corrosiona and local barrel crown buckling	360H-191-0062-03600	4	Price	Sagebrush Zone	Tertiary (older)	0.91	1.00	0.91	0.83
33	none	360H-191-0047-03600	4	Price	Pinyon-Juniper Zone	Jurassic	0.91	1.10	0.91	0.91
34	minor outlet scour	360H-191-0047-01200	4	Price	Pinyon-Juniper Zone	Jurassic	0.91	1.10	0.91	0.91
35	none	360H-191-0046-09101	4	Price	Pinyon-Juniper Zone	Jurassic	0.91	1.10	0.91	0.91
36	none	360H-191-0046-09100	4	Price	Pinyon-Juniper Zone	Jurassic	0.91	1.10	0.91	0.91
37	none	360H-191-0046-07600	4	Price	Pinyon-Juniper Zone	Jurassic	0.91	1.00	0.91	0.83
38	none	360H-191-0046-04600	4	Price	Pinyon-Juniper Zone	Jurassic	0.91	1.00	0.91	0.83
39	severe localized crown buckle at 40 ft from outlet	360H-191-0044-09100	4	Price	Pinyon-Juniper Zone	Jurassic	0.91	1.10	0.91	0.91
40	minor invert misalignment of barrel	360H-191-0044-07700	4	Price	Pinyon-Juniper Zone	Jurassic	0.91	1.10	0.91	0.91
41	downstream embankment has moderate washout and should be stabilized	360H-191-0036-07100	4	Price	Pinyon-Juniper Zone	Jurassic	0.91	0.91	0.91	0.75

	MaintenanceCmnts	Inspection.CvtID	Region	District in Reg 4	Revegetation Zone	Geologic Zone	Road Importance	Span Importance	Drain Importance	Importance Modifier
42	sedimentation along length and vegetation at inlet	360H-191-0007-07200	4	Price	Shadscale Zone	Jurassic	0.91	1.00	0.91	0.83
43	downstream embankment washout and culvert soil-side corrosion	360H-163-0046-08100	4	Price	Shadscale Zone	Jurassic	1.00	1.00	0.91	0.91
44	mild corrosion	360H-163-0034-05700	4	Price	Shadscale Zone	Pennsylvanian-Permian	1.00	1.00	0.91	0.91
45	barrel has severe deformation	360H-159-0007-07900	4	Cedar	Shadscale Zone	Quaternary	1.10	1.00	0.91	1.00
46	severe sed landslide allows min flow	360H-153-0013-03100	4	Cedar	Montane Zone	Tertiary Volcanics	1.00	1.10	0.91	1.00
47	none	360H-153-0010-02800	4	Cedar	Montane Zone	Tertiary Volcanics	1.00	1.10	0.91	1.00
48	deep pool at outlet	360H-153-0009-03000	4	Cedar	Montane Zone	Tertiary Volcanics	1.00	1.10	0.91	1.00
49	minor undermining (wall between barrels)	360H-153-0001-00901	4	Cedar	Pinyon-Juniper Zone	Quaternary	1.00	0.91	0.91	0.83
50	minor undermining (wall between barrels)	360H-153-0001-00900	4	Cedar	Pinyon-Juniper Zone	Quaternary	1.00	0.91	0.91	0.83
51		360H-143-0045-04700	4	Richfield	Montane Zone	Tertiary Volcanics	1.00	1.10	0.91	1.00
52	sediment	360H-143-0036-07700	4	Richfield	Montane Zone	Tertiary Volcanics	1.00	1.00	0.91	0.91
53	sediment	360H-143-0036-02600	4	Cedar	Montane Zone	Tertiary (older)	1.00	1.00	0.91	0.91
54		360H-143-0017-06300	4	Cedar	Montane Zone	Tertiary Volcanics	1.00	1.10	0.91	1.00
55		360H-143-0010-05100	4	Richfield	Montane Zone	Tertiary Volcanics	1.00	0.91	0.91	0.83
56	severe inlet sedimentation	360H-143-0005-03100	4	Cedar	Sagebrush Zone	Tertiary (older)	1.00	1.10	0.91	1.00
57	severe sedimentation	360H-143-0005-01000	4	Cedar	Sagebrush Zone	Tertiary (older)	1.00	1.10	0.91	1.00
58		360H-132-0044-03800	4	Richfield	Sagebrush Zone	Tertiary (older)	1.00	1.10	0.91	1.00
59		360H-132-0044-02100	4	Richfield	Sagebrush Zone	Tertiary (older)	1.00	1.00	0.91	0.91
60		360H-132-0042-03800	4	Richfield	Sagebrush Zone	Tertiary (older)	1.00	1.10	0.91	1.00
61	outlet sedimented	360H-132-0039-00300	3		Pinyon-Juniper Zone	Tertiary (older)	1.00	1.10	0.91	1.00
62	Outlet Sedimented	360H-132-0038-09600	3		Pinyon-Juniper Zone	Tertiary (older)	1.00	1.10	0.91	1.00
63		360H-132-0038-04700	3		Pinyon-Juniper Zone	Tertiary (older)	1.00	1.10	0.91	1.00
64		360H-132-0038-04200	3		Pinyon-Juniper Zone	Tertiary (older)	1.00	1.00	0.91	0.91
65	Significant sediment-inlet, outlet undermined	360H-132-0037-09210	3		Pinyon-Juniper Zone	Tertiary (older)	1.00	1.10	0.91	1.00
66		360H-132-0019-04900	3		Sagebrush Zone	Ordovician-Silurian-Devonian	1.00	1.00	0.91	0.91
67	14" sedimented at outlet	360H-132-0018-08500	3		Sagebrush Zone	Ordovician-Silurian-Devonian	1.00	1.00	0.91	0.91
68	undermining of projecting inlet	360H-121-0033-09900	3		Sagebrush Zone	Tertiary (older)	1.00	1.00	0.91	0.91
69		360H-121-0030-08800	3				1.00	1.00	0.91	0.91
70	eroded waterway at inlet	360H-095-0120-02200	4	Price	Sagebrush Zone	Jurassic	1.00	1.10	0.91	1.00
71	outlet erosion	360H-095-0116-07300	4	Price	Sagebrush Zone	Jurassic	1.00	1.00	0.91	0.91
72	outlet scour	360H-095-0090-09500	4	Price	Sagebrush Zone	Jurassic	1.00	1.00	0.91	0.91
73	none	360H-095-0079-09600	4	Price	Sagebrush Zone	Jurassic	1.00	0.91	0.91	0.83
74	minor	360H-095-0060-04400	4	Price	Shadscale Zone	Pennsylvanian-Permian	1.00	1.00	0.91	0.91
75	culvert looks well maintained	360H-095-0026-03900	4	Richfield	Shadscale Zone	Jurassic	1.00	0.91	0.91	0.83
76	stabilize outlet end embankment	360H-095-0026-02400	4	Richfield	Shadscale Zone	Jurassic	1.00	1.10	0.91	1.00
77	inlet has moderate sedimentation	360H-095-0004-09100	4	Richfield	Shadscale Zone	Jurassic	1.00	1.00	0.91	0.91
78	none	360H-092-0013-05600	3		Sagebrush Zone	Jurassic	1.00	0.91	1.10	1.00
79	none	360H-092-0013-00900	3		Sagebrush Zone	Jurassic	1.00	1.00	0.91	0.91
80	none	360H-092-0004-02000	3		Sagebrush Zone	Tertiary Volcanics	1.00	1.10	0.91	1.00
81	none	360H-092-0001-03800	3		Sagebrush Zone	Jurassic	1.00	1.00	0.91	0.91
82	none	360H-092-0001-01600	3		Sagebrush Zone	Jurassic	1.00	1.10	0.91	1.00
83	none	360H-092-0001-00800	3		Sagebrush Zone	Jurassic	1.00	1.10	0.91	1.00
84	none	360H-091-0018-00200	1		Sagebrush Zone	Triassic	0.91	1.10	0.91	0.91
85	none	360H-091-0017-04800	1		Sagebrush Zone	Triassic	0.91	1.10	0.91	0.91
86	none	360H-091-0007-07800	1		Sagebrush Zone	Triassic	0.91	0.91	0.91	0.75
87		360H-091-0007-07200	1		Sagebrush Zone	Triassic	0.91	0.91	1.10	0.91
88	minor between boulders	360H-091-0007-03700	1		Sagebrush Zone	Cambrian	0.91	1.10	0.91	0.91
89	none	360H-091-0007-03500	1		Sagebrush Zone	Cambrian	0.91	1.10	0.91	0.91
90		360H-089-0361-09000	1		Sagebrush Zone	Quaternary	1.00	1.10	0.91	1.00

	MaintenanceCmnts	Inspection.CvtID	Region	District in Reg 4	Revegetation Zone	Geologic Zone	Road Importance	Span Importance	Drain Importance	Importance Modifier
91	none	360H-089-0348-04700	1		Sagebrush Zone	Quaternary	0.91	1.10	0.91	0.91
92		360H-089-0343-03300	1		Sagebrush Zone	Quaternary	0.91	1.10	0.91	0.91
93	3" to 4" of silt	360H-089-0262-00000	4	Richfield	Montane Zone	Tertiary Volcanics	1.00	0.91	0.91	0.83
94		360H-089-0261-04000	4	Richfield	Montane Zone	Tertiary Volcanics	1.00	0.91	0.91	0.83
95	Outlet is filled to 3/4 of diameter	360H-089-0261-03200	4	Richfield	Montane Zone	Tertiary Volcanics	1.00	1.10	0.91	1.00
96	6" of silty clay at outlet	360H-089-0261-00000	4	Richfield	Montane Zone	Tertiary Volcanics	1.00	1.10	0.91	1.00
97		360H-089-0231-05800	4	Richfield	Sagebrush Zone	Quaternary	1.00	1.10	0.91	1.00
98	Invert partially buried	360H-089-0231-04600	4	Richfield	Sagebrush Zone	Quaternary	1.00	1.10	0.91	1.00
99	outlet end treatment has separated from barrel	360H-089-0138-09000	4	Richfield	Sagebrush Zone	Tertiary Volcanics	0.91	1.10	0.91	0.91
100	stabilize embankment supporting outlet barrel	360H-089-0118-06400	4	Richfield	Sagebrush Zone	Basalt	0.91	1.00	0.91	0.83
101	sedimentation along length and initiation of joint separation near inlet	360H-089-0094-04200	4	Richfield	Montane Zone	Tertiary (older)	0.91	1.00	0.91	0.83
102	barrel has uv degradation, cracking, and poor alignment.	360H-089-0075-03200	4	Richfield	Pinyon-Juniper Zone	Quaternary	0.91	1.10	1.00	1.00
103	barrel is heavily sedimented	360H-089-0067-04100	4	Richfield	Pinyon-Juniper Zone	Quaternary	0.91	1.00	0.91	0.83
104		360H-084-0031-04800	1		Sagebrush Zone	Quaternary	0.91	0.91	0.91	0.75
105		360H-084-0031-02400	1		Sagebrush Zone	Quaternary	0.91	1.10	0.91	0.91
106		360H-084-0020-02600	1		Sagebrush Zone	Quaternary	0.91	1.10	0.91	0.91
107		360H-084-0019-08000	1		Sagebrush Zone	Triassic	0.91	1.10	0.91	0.91
108		360H-084-0018-04000	1		Sagebrush Zone	Triassic	0.91	1.10	0.91	0.91
109		360H-084-0018-02800	1		Sagebrush Zone	Triassic	0.91	1.10	0.91	0.91
110	Debris in pipe, inlet about 1/3 filled, outlet about 1/2 full	360H-083-0029-09000	1		Sagebrush Zone	Quaternary	1.00	1.10	0.91	1.00
111		360H-083-0027-06900	1		Sagebrush Zone	Triassic	1.00	0.91	0.91	0.83
112	outlet end treatment needs repair	360H-080-0193-08100	1		Sagebrush Zone	Tertiary (older)	0.91	1.10	0.91	0.91
113		360H-080-0182-01500	2				0.91	0.91	1.10	0.91
114		360H-080-0170-00400	2		Montane Zone	Tertiary (older)	0.91	0.91	1.10	0.91
115		360H-080-0138-05600	2		Montane Zone	Quaternary	0.91	1.10	0.91	0.91
116		360H-080-0138-01000	2		Montane Zone	Quaternary	0.91	1.10	0.91	0.91
117	undermining complete	360H-080-0136-06600	2		Montane Zone	Quaternary	0.91	1.10	0.91	0.91
118	none	360H-080-0136-04001	2		Montane Zone	Quaternary	0.91	1.10	0.91	0.91
119	none	360H-080-0136-04000	2		Montane Zone	Quaternary	0.91	1.10	0.91	0.91
120	none	360H-080-0135-09900	2		Montane Zone	Quaternary	0.91	1.10	0.91	0.91
121		360H-080-0135-09700	2		Montane Zone	Quaternary	0.91	1.10	0.91	0.91
122	none	360H-080-0135-04000	2		Montane Zone	Quaternary	0.91	1.10	0.91	0.91
123		360H-080-0135-03001	2		Montane Zone	Quaternary	0.91	1.10	0.91	0.91
124	none	360H-080-0135-03000	2		Montane Zone	Quaternary	0.91	1.10	0.91	0.91
125	none	360H-080-0135-01001	2		Montane Zone	Quaternary	0.91	1.10	0.91	0.91
126	none	360H-080-0135-01000	2		Montane Zone	Quaternary	0.91	1.10	0.91	0.91
127		360H-080-0135-00000	2		Montane Zone	Quaternary	0.91	1.00	0.91	0.83
128	Invert corroded and perforated.	360H-080-0134-06000	2		Montane Zone	Quaternary	0.91	1.00	0.91	0.83
129	maintenance crew should fill scour hole and clear barrel of sedimentation	360H-080-0110-08101	2		Sagebrush Zone	Quaternary	0.91	1.10	0.91	0.91
130	Clear sedimenation and re-line	360H-080-0109-09500	2		Sagebrush Zone	Quaternary	0.91	1.10	0.91	0.91
131	re-line, clear sedimentation	360H-080-0109-06810	2		Sagebrush Zone	Quaternary	0.91	1.10	0.91	0.91
132	re-line	360H-080-0109-06800	2		Sagebrush Zone	Quaternary	0.91	1.10	0.91	0.91
133		360H-080-0108-07000	2		Sagebrush Zone	Quaternary	0.91	1.10	0.91	0.91
134	Replace end treatments, clear sedimentation	360H-080-0108-06200	2		Sagebrush Zone	Quaternary	0.91	1.10	0.91	0.91
135	Clear outlet sediment	360H-080-0107-08100	2		Sagebrush Zone	Quaternary	0.91	1.10	0.91	0.91
136		360H-080-0106-01000	2		Sagebrush Zone	Quaternary	0.91	1.10	0.91	0.91

	MaintenanceCmnts	Inspection.CvtID	Region	District in Reg 4	Revegetation Zone	Geologic Zone	Road Importance	Span Importance	Drain Importance	Importance Modifier
137		360H-080-0105-06901	2		Sagebrush Zone	Quaternary	0.91	1.10	1.10	1.10
138	downstream	360H-080-0105-03200	2		Sagebrush Zone	Quaternary	0.91	1.10	0.91	0.91
139	minor toe undermining of inlet	360H-080-0104-08200	2		Sagebrush Zone	Quaternary	0.91	1.10	1.10	1.10
140	Fill scour hole	360H-080-0081-00900	2		Sagebrush Zone	Ordovician-Silurian-Devonian	0.91	1.10	0.91	0.91
141		360H-080-0060-01900	2		Sagebrush Zone	Quaternary	0.91	1.10	0.91	0.91
142	clear sedimentation	360H-080-0058-02000	2		Sagebrush Zone	Quaternary	0.91	1.00	0.91	0.83
143		360H-080-0055-02800	2		Sagebrush Zone	Quaternary	0.91	1.10	0.91	0.91
144		360H-080-0053-03000	2		Sagebrush Zone	Quaternary	0.91	1.00	0.91	0.83
145	waterway is comp[letely blocked at mid-length of the culvert; appears to be sedimentation when viewed from the culvert inlet	360H-080-0048-08100	2		Sagebrush Zone	Quaternary	0.91	1.10	0.91	0.91
146	sedimentation to 1/4 barrel rise	360H-080-0047-09800	2		Sagebrush Zone	Quaternary	0.91	1.10	0.91	0.91
147		360H-080-0019-07800	2		Saline Desert	Quaternary Mud Flats	0.91	1.10	0.91	0.91
148	minor sedimentation, minor obstructions	360H-080-0011-08800	2		Saline Desert	Quaternary Mud Flats	0.91	1.00	0.91	0.83
149		360H-080-0001-04200	2		Saline Desert	Quaternary Mud Flats	0.91	1.10	0.91	0.91
150	outlet sedimented 4"	360H-072-0028-09900	4	Richfield	Pinyon-Juniper Zone	Tertiary (older)	1.00	1.00	0.91	0.91
151	4" sedimented at outlet	360H-072-0028-09800	4	Richfield	Pinyon-Juniper Zone	Tertiary (older)	1.00	1.00	0.91	0.91
152		360H-072-0007-01000	4	Richfield	Pinyon-Juniper Zone	Tertiary Volcanics	1.00	1.00	0.91	0.91
153	rating decreased due to inlet scour and undermining	360H-070-0172-09700	4	Price	Shadscale Zone	Tertiary (older)	0.91	1.10	0.91	0.91
154	minor outlet undermine	360H-070-0156-08300	4	Price	Shadscale Zone	Jurassic	0.91	1.10	0.91	0.91
155	scour hole at outlet	360H-070-0155-06200	4	Price	Shadscale Zone	Jurassic	0.91	1.00	0.91	0.83
156	outlet undermine & mod outlet scour	360H-070-0152-08700	4	Price	Shadscale Zone	Jurassic	0.91	1.00	0.91	0.83
157	good	360H-070-0138-05400	4	Price	Pinyon-Juniper Zone	Triassic	0.91	1.10	0.91	0.91
158	good	360H-070-0138-02200	4	Price	Pinyon-Juniper Zone	Triassic	0.91	1.10	0.91	0.91
159		360H-070-0122-09800	4	Price	Pinyon-Juniper Zone	Jurassic	0.91	0.91	0.91	0.75
160		360H-070-0109-02600	4	Price	Sagebrush Zone	Jurassic	0.91	1.00	0.91	0.83
161		360H-070-0081-08700	4	Richfield	Pinyon-Juniper Zone	Tertiary (older)	0.91	1.00	0.91	0.83
162		360H-070-0054-09900	4	Richfield	Sagebrush Zone	Jurassic	0.91	1.10	0.91	0.91
163		360H-070-0036-02400	4	Richfield	Sagebrush Zone	Tertiary (older)	0.91	1.10	0.91	0.91
164	outlet onto hillside	360H-070-0015-07400	4	Richfield	Pinyon-Juniper Zone	Tertiary Volcanics	0.91	1.10	0.91	0.91
165		360H-070-0015-02200	4	Richfield	Pinyon-Juniper Zone	Tertiary Volcanics	0.91	1.10	0.91	0.91
166	minor joint separation	360H-068-0035-05600	3		Sagebrush Zone	Tertiary Volcanics	1.00	0.91	0.91	0.83
167	outlet scour hole, joint separation and infiltration causing roadway cracking	360H-068-0020-01900	3		Shadscale Zone	Jurassic	1.00	1.10	0.91	1.00
168	sedimentation in original RCP, none in newly extended ends	360H-068-0005-08500	3		Pinyon-Juniper Zone	Ordovician-Silurian-Devonian	1.00	1.10	0.91	1.00
169	none	360H-065-0001-03500	2		Montane Zone	Jurassic	1.00	1.10	0.91	1.00
170	minor at outlet	360H-065-0001-01800	2		Montane Zone	Jurassic	1.00	1.10	0.91	1.00
171	vegetation partially obstructing culvert inlet	360H-062-0042-00500	4	Richfield	Sagebrush Zone	Tertiary Volcanics	1.00	1.10	0.91	1.00
172	slight barrel corrosion	360H-062-0028-05400	4	Richfield	Sagebrush Zone	Tertiary Volcanics	1.00	1.00	0.91	0.91
173	barrel has 6 inches sedimentation	360H-062-0002-03300	4	Richfield	Sagebrush Zone	Quaternary	1.00	1.00	0.91	0.91
174		360H-040-0138-04000	3		Shadscale Zone	Tertiary (older)	0.91	0.91	0.91	0.75
175		360H-040-0137-05900	3		Shadscale Zone	Tertiary (older)	0.91	1.00	0.91	0.83
176		360H-040-0137-02400	3		Shadscale Zone	Tertiary (older)	0.91	1.10	0.91	0.91
177	none	360H-040-0001-08200	2		Sagebrush Zone	Quaternary	0.91	1.10	0.91	0.91
178	none	360H-040-0001-03100	2		Sagebrush Zone	Quaternary	0.91	1.00	0.91	0.83
179		360H-039-0037-04300	1				1.00	1.10	0.91	1.00
180		360H-039-0035-04700	1				1.00	1.00	0.91	0.91
181	upstream end intentionally dammed; outlet has severe sedimentation for 3/4 height	360H-039-0017-00000	1		Montane Zone	Tertiary Volcanics	1.00	1.00	0.91	0.91

	MaintenanceCmnts	Inspection.CvtID	Region	District in Reg 4	Revegetation Zone	Geologic Zone	Road Importance	Span Importance	Drain Importance	Importance Modifier
182	provide support for projecting outlet	360H-039-0014-02100	1		Montane Zone	Tertiary Volcanics	1.00	1.10	0.91	1.00
183	clear culovert and CB of debris	360H-039-0012-08200	1		Montane Zone	Tertiary Volcanics	1.00	1.10	0.91	1.00
184		360H-039-0011-03400	1		Montane Zone	Tertiary Volcanics	1.00	1.10	0.91	1.00
185	inlet end treatment is crushed from recent adjacent construction	360H-035-0047-09000	3		Pinyon-Juniper Zone	Tertiary (older)	1.10	1.00	0.91	1.00
186	clear sedimentation from length of barrel	360H-035-0036-01000	3		Pinyon-Juniper Zone	Jurassic	1.10	1.00	0.91	1.00
187	local severe deformation at 15 feet from outlet lookinjg upstream	360H-035-0016-09900	3		Montane Zone	Pennsylvanian-Permian	1.00	1.10	0.91	1.00
188	moderate to severe barrelk shape deformation and invert corrosion	360H-035-0002-07400	3		Sagebrush Zone	Triassic	1.00	0.91	0.91	0.83
189	barrel ouhtlet end has dropped off and should be realigned	360H-035-0002-02200	3		Sagebrush Zone	Triassic	1.00	1.10	0.91	1.00
190	minor scour at headwall at outlet	360H-028-0017-00500	3		Sagebrush Zone	Quaternary	0.91	1.10	0.91	0.91
191		360H-028-0016-09800	3		Sagebrush Zone	Quaternary	0.91	1.00	0.91	0.83
192		360H-024-0109-03100	4	Richfield	Shadscale Zone	Tertiary (older)	1.00	1.10	0.91	1.00
193	inlet sedimentation	360H-024-0066-01000	4	Richfield	Sagebrush Zone	Quaternary	1.00	1.00	0.91	0.91
194	Outlet sedimented	360H-024-0061-01500	4	Richfield	Sagebrush Zone	Quaternary	1.00	1.10	0.91	1.00
195	outlet scour	360H-023-0004-09200	1		Sagebrush Zone	Triassic	1.00	1.10	0.91	1.00
196		360H-021-0103-03400	4	Cedar	Sagebrush Zone	Quaternary	1.00	1.00	0.91	0.91
197		360H-021-0100-00700	4	Cedar	Sagebrush Zone	Quaternary	1.00	0.91	0.91	0.83
198	Scour at both ends.	360H-021-0093-07000	4	Cedar	Sagebrush Zone	Tertiary Volcanics	1.00	1.10	0.91	1.00
199		360H-021-0084-02900	4	Cedar	Sagebrush Zone	Quaternary	1.00	0.91	0.91	0.83
200		360H-021-0084-01000	4	Cedar	Sagebrush Zone	Quaternary	1.00	1.10	0.91	1.00
201	scour at inlet and moderate sedimentation at inlet	360H-021-0060-01500	4	Cedar	Shadscale Zone	Tertiary (younger)	1.00	0.91	0.91	0.83
202		360H-021-0030-03800	4	Cedar	Shadscale Zone	Quaternary	1.00	1.10	0.91	1.00
203		360H-021-0008-05500	4	Cedar	Shadscale Zone	Quaternary	1.00	1.00	0.91	0.91
204	none	360H-018-0004-04500	4	Cedar	Shadscale Zone	Jurassic	0.91	1.00	0.91	0.83
205	none	360H-018-0003-07100	4	Cedar	Shadscale Zone	Jurassic	0.91	1.10	1.00	1.00
206	none	360H-018-0003-02200	4	Cedar	Shadscale Zone	Jurassic	0.91	1.10	1.00	1.00
207	culvert has severe joint misalignment which may lead to roadway problems	360H-016-0004-03700	1		Sagebrush Zone	Quaternary	1.00	1.10	0.91	1.00
208		360H-015-0380-08100	1		Sagebrush Zone	Quaternary	0.91	1.10	0.91	0.91
209		360H-015-0380-00600	1		Sagebrush Zone	Quaternary	0.91	1.10	0.91	0.91
210	none	360H-015-0356-02800	1		Sagebrush Zone	Quaternary	0.91	1.10	0.91	0.91
211	none	360H-015-0356-00800	1		Sagebrush Zone	Quaternary	0.91	1.10	0.91	0.91
212	outlet buried 1/2 full	360H-015-0352-03200	1		Sagebrush Zone	Quaternary	0.91	1.10	0.91	0.91
213	Tapered section pulled away from end pipe section about 6". Scour at outlet 3ft by 4ft wide. Inlet catch basin clogged.	360H-015-0351-04500	1		Sagebrush Zone	Quaternary	0.91	1.10	0.91	0.91
214		360H-015-0351-00200	1		Sagebrush Zone	Quaternary	0.91	1.10	0.91	0.91
215	none	360H-015-0283-06000	3		Sagebrush Zone	Quaternary	0.91	1.10	0.91	0.91
216	none	360H-015-0283-03700	3		Sagebrush Zone	Quaternary	0.91	1.10	0.91	0.91
217	Entrance partially filled with dirt.	360H-015-0272-06500	3		Shadscale Zone	Quaternary	0.91	1.10	0.91	0.91
218		360H-015-0272-05500	3		Shadscale Zone	Quaternary	0.91	1.10	0.91	0.91
219	none	360H-015-0267-05300	3		Shadscale Zone	Quaternary	0.91	1.10	0.91	0.91
220	severe outlet undermine	360H-015-0267-03900	3		Shadscale Zone	Quaternary	0.91	1.10	0.91	0.91
221		360H-015-0256-03600	3		Shadscale Zone	Quaternary	0.91	1.10	0.91	0.91
222	Outlet clogged	360H-015-0244-04700	3		Sagebrush Zone	Quaternary	0.91	1.10	0.91	0.91
223		360H-015-0183-04600	4	Cedar	Pinyon-Juniper Zone	Quaternary	0.91	1.10	0.91	0.91
224		360H-015-0172-05201	4	Cedar	Sagebrush Zone	Quaternary	0.91	0.91	0.91	0.75
225		360H-015-0172-05200	4	Cedar	Sagebrush Zone	Quaternary	0.91	0.91	0.91	0.75
226		360H-015-0167-03300	4	Cedar	Sagebrush Zone	Quaternary	0.91	1.10	0.91	0.91
227		360H-015-0147-05900	4	Cedar	Shadscale Zone	Quaternary	0.91	1.10	0.91	0.91
228	sedimentation in old culvert to 1/3 rise is now washing away, indicates lowering of surrounding grade	360H-015-0139-05900	4	Cedar	Shadscale Zone	Quaternary	0.91	1.00	0.91	0.83
229	none	360H-015-0063-01301	4	Cedar	Sagebrush Zone	Quaternary	0.91	1.10	1.00	1.00

	MaintenanceCmnts	Inspection.CvtID	Region	District in Reg 4	Revegetation Zone	Geologic Zone	Road Importance	Span Importance	Drain Importance	Importance Modifier
230	none	360H-015-0063-01300	4	Cedar	Sagebrush Zone	Quaternary	0.91	1.00	1.00	0.91
231	none	360H-015-0023-05800	4	Cedar	Pinyon-Juniper Zone	Jurassic	0.91	0.91	0.91	0.75
232	none	360H-015-0001-02900	4	Cedar	Creosote Bush Zone	Triassic	0.91	1.10	1.00	1.00
233	none	360H-015-0001-02400	4	Cedar	Creosote Bush Zone	Triassic	0.91	1.10	0.91	0.91
234	none	360H-015-0001-02000	4	Cedar	Creosote Bush Zone	Triassic	0.91	1.10	1.00	1.00
235	large channel cut into soil at inlet resulting in complete undermining of end treatment	360H-015-0000-02500	4	Cedar	Creosote Bush Zone	Triassic	0.91	1.00	0.91	0.83
236		360H-013-0031-01600	1		Sagebrush Zone	Quaternary	1.00	1.10	0.91	1.00
237	none	360H-013-0030-01500	1		Sagebrush Zone	Quaternary	1.00	1.10	0.91	1.00
238	significant sediment thoughout culvert length	360H-012-0097-06100	4	Richfield	Montane Zone	Quaternary	1.00	1.10	0.91	1.00
239	outlet undermined	360H-012-0070-09500	4	Richfield	Pinyon-Juniper Zone	Jurassic	1.00	1.00	0.91	0.91
240		360H-012-0070-09400	4	Richfield	Pinyon-Juniper Zone	Jurassic	1.00	1.10	0.91	1.00
241		360H-012-0070-08000	4	Richfield	Pinyon-Juniper Zone	Jurassic	1.00	1.10	0.91	1.00
242		360H-012-0070-07990	4	Richfield	Pinyon-Juniper Zone	Jurassic	1.00	1.10	1.10	1.21
243	sag in roadway over culvert	360H-012-0064-01900	4	Richfield	Pinyon-Juniper Zone	Jurassic	1.00	0.91	0.91	0.83
244	outlet scour may cause roadway distress	360H-012-0052-08600	4	Richfield	Pinyon-Juniper Zone	Tertiary (older)	1.00	0.91	0.91	0.83
245		360H-012-0039-01500	4	Richfield	Pinyon-Juniper Zone	Tertiary (older)	1.00	1.10	0.91	1.00
246		360H-012-0023-03600	4	Richfield	Sagebrush Zone	Tertiary (older)	1.00	1.10	0.91	1.00
247	scour at outlet	360H-012-0023-03000	4	Richfield	Sagebrush Zone	Tertiary (older)	1.00	1.10	0.91	1.00
248		360H-012-0017-00100	4	Richfield	Sagebrush Zone	Quaternary	1.00	1.10	0.91	1.00
249		360H-012-0006-05000	4	Richfield	Sagebrush Zone	Tertiary (older)	0.91	1.00	0.91	0.83
250	minor sediment	360H-012-0000-05000	4	Richfield	Sagebrush Zone	Quaternary	0.91	1.10	0.91	0.91
251	sedimented along length	360H-010-0048-02100	4	Richfield	Shadscale Zone	Tertiary (older)	1.00	1.10	0.91	1.00
252	4" sedimented along length	360H-010-0034-04700	4	Richfield	-	-	1.00	1.00	0.91	0.91
253	sedimented to 1/4 of rise	360H-010-0022-01300	4	Richfield	-	-	1.00	1.00	0.91	0.91
254	Invert damage due to abrasion	360H-010-0021-09700	4	Richfield	-	-	1.00	0.91	0.91	0.83
255		360H-010-0012-09400	4	Richfield	Sagebrush Zone	Tertiary (older)	1.00	1.10	1.10	1.21
256	1/3 of barrel full of sediment	360H-010-0010-03200	4	Richfield	Sagebrush Zone	Tertiary (older)	1.00	1.10	0.91	1.00
257		360H-010-0000-04300	4	Richfield	Pinyon-Juniper Zone	Tertiary (older)	1.00	0.91	0.91	0.83
258		360H-009-0042-08000	4	Cedar	Pinyon-Juniper Zone	Tertiary Volcanics	0.91	1.00	0.91	0.83
259	scout at outlet could lead to barrel undermining	360H-009-0016-04500	4	Cedar	Shadscale Zone	Triassic	0.91	1.00	0.91	0.83
260	maintain asphhaltic coating where cracked or beginning to peel, invert coating is worn away, outlet has mkoderate scour and initiation of undermining	360H-006-0286-07500	4	Price	Shadscale Zone	Tertiary (older)	0.91	1.10	0.91	0.91
261	maintain asphhaltic coating where cracked or beginning to peel	360H-006-0253-08400	4	Price	Shadscale Zone	Tertiary (older)	0.91	0.91	0.91	0.75
262		360H-006-0185-08500	3				0.91	0.91	0.91	0.75
263		360H-006-0185-06700	3				0.91	1.00	0.91	0.83
264		360H-006-0185-00000	3		Shadscale Zone	Tertiary (older)	0.91	1.00	0.91	0.83
265		360H-006-0184-07500	3		Shadscale Zone	Tertiary (older)	0.91	1.00	0.91	0.83
266	highly corroded barrel - internal and external	360H-006-0151-07500	3		Sagebrush Zone	Quaternary	1.00	1.00	0.91	0.91
267	end treatment are broken and steel is revealed	360H-006-0144-05100	3		Pinyon-Juniper Zone	Ordovician-Silurian-Devonian	1.00	1.10	0.91	1.00
268	slight sedimentation	360H-006-0124-06200	3		Shadscale Zone	Basalt	1.00	1.10	0.91	1.00
269	sedinentation at ends	360H-006-0108-03900	3		Sagebrush Zone	Quaternary	1.00	1.10	0.91	1.00
270	barrel has interior and exterior corrosion, interior and exterior coating is cracked and peeled, outlet end has moderate crown dimpling	360H-006-0075-09800	4	Cedar	Shadscale Zone	Quaternary	0.91	1.10	0.91	0.91
271	outlet scour, loss of barrel asphaltic coating.	360H-006-0055-00200	4	Cedar	Shadscale Zone	Quaternary	0.91	0.91	0.91	0.75
272	outlet end should be reinforced	360H-006-0024-05100	4	Cedar	Shadscale Zone	Ordovician-Silurian-Devonian	0.91	1.00	0.91	0.83

Attachment A.4

Compact Disk of Electronic Files and Photographs

A.4. COMPACT DISK OF ELECTRONIC FILES AND PHOTOGRAPHS

A.4.1 CD Contents

Attachment A.4 is enclosed on 2 CDs. The CDs contain the following files or file sets:

A.4.1.1 Attachment A.4 CD 1 of 2

- UDOT Culvert Database Form Program – UDOTForm.exe
- UDOT Culvert Database Inventory and Inspection Datasets – UDOTDatabase.mdb
- Electronic photographs of culvert installations - taken during inspections of State Routes 6 through 72

A.4.1.2 Attachment A.4 CD 2 of 2

- Electronic photographs of culvert installations - taken during inspections of State Routes 806 through 262
- Electronic photographs of culvert installations - taken at the Desert Lake Test Site
- Electronic photographs of culvert installations - taken during inspection of a culvert installation

A.4.2 Format of filenames for electronic photographs

All photographs taken during inspections are provided on the attached CDs in compressed jpg format. The photographs are identified using a naming convention similar to the unique culvert identifier (CID):

021_01084_ML_002.jpg

where:

021	=	Culvert located on State Route 21
01084	=	Culvert located between Reference Post 10 and 11
ML	=	Culvert inlet is in median, outlet is on left side of road (right and left road sides are defined looking in the positive direction, that is, with increasing mileage or reference posts numbers.
002	=	Second photo for this culvert