

**STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION
MATERIALS DIVISION
GEOTECHNICAL SECTION**

**LINE SAMPLING DATA
US 95
MP CH 28.21 to CH 55.74
CHURCHILL COUNTY, NEVADA**

FEBRUARY 2015

EA 73616

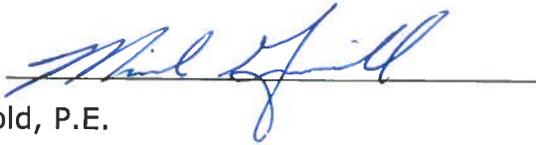
Prepared by _____



Ronald A. Siegel, P.E.

Principal Geotechnical Engineer

Reviewed by _____



Michael Griswold, P.E.

Chief Geotechnical Engineer

This report presents laboratory test results consisting of gradation, liquid limit, plasticity index and R-value data only. No interpretations of the data are presented. The tests were performed on samples collected at the locations and depths indicated on the individual data sheets. Each boring was advanced with a 6-inch solid-stem auger. Samples were collected from cuttings brought to the surface on auger flights while advancing borings the corresponding depth intervals. Tests were performed in accordance with Nevada standard test procedures.

Individual samples might not be representative of the depth intervals indicated:

- Each sample is a mixture of strata encountered within the depth penetrated and is not necessarily representative of an individual stratum.
- Oversized material might not be brought to the surface and included in the sample.
- Deeper samples inevitably contain some material from the sides of the borehole above the sample interval.
- Drilling action might break individual particles into smaller pieces.

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-515-12
 E.A.: 73616 Job Description: US 95 NORTH OF FALLON
 Date Rec'd: 9/5/2012
 Samplers: BAKER, WIMER Station: "P" ~ 129+00 Route: US 95
ALTAMIRANO Location from CL (ft): _____ Lt. _____ Rt. 14.5'
 Sample No.: 1 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 8" Oil Depth (in) 0
 Remarks: Some asphalt grindings on surface, sample taken
below 1'.
 Submitted By: P. BAKER
 Title: SUPERVISOR 1

Depth (ft)	Boring Description	PSI
0--		300
1--	Asphalt Contaminated	1
2--		2--
3--	Subgrade:	3--
4--	clayey sand	4--
5--		5--
6--		6--
7--		7--
8--		8--
9--		9--
10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	98
3/8"	98
No. 4	97
No. 10	95
No. 16	94
No. 40	80
No. 50	69
No. 100	36
No. 200	10

Liquid Limit 18
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 78
 Cover Stabilometer _____
 Thickness 3.8 Expansion Pressure _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-3

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-516-12
 E.A.: 73616 Job Description: US 95 NORTH OF FALLON
 Date Rec'd: 9/5/2012
 Samplers: BAKER, WIMER Station: "P" ~ 134+00 Route: US 95
ALTAMIRANO Location from CL (ft) Lt. 14.0' Rt. _____
 Sample No.: 2 County: CLARK

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 9" Oil Depth (in) 0
 Remarks: _____

 Submitted By: P. BAKER
 Title: SUPERVISOR 1

Depth (ft)	Boring Description	PSI
0--		200
1--	Asphalt Contaminated	1
2--		2--
3--	Subgrade:	3--
4--	clayey sand	4--
5--		5
6--		6--
7--		7--
8--		8--
9--		9--
10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	99
3/8"	99
No. 4	98
No. 10	98
No. 16	96
No. 40	87
No. 50	76
No. 100	39
No. 200	14

Liquid Limit 16
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 74
 Cover Stabilometer _____
 Thickness 5.1 Expansion Pressure _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-517-12
 E.A.: 73616 Job Description: US 95 NORTH OF FALLON
 Date Rec'd: 9/5/2012
 Samplers: BAKER, WIMER Station: "P" ~ 139+00 Route: US 95
ALTAMIRANO Location from CL (ft): _____ Lt. _____ Rt. 15.0'
 Sample No.: 3 County: CHURCHILL

<p>Sample Type: <input checked="" type="checkbox"/> RV <input type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/></p> <p>Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/></p> <p>Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/></p> <p>Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/></p> <p>Gravel Depth (in) <u>8"</u> Oil Depth (in) <u>0</u></p> <p>Remarks: _____ _____ _____</p>	<table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left; border-bottom: 1px solid black;">Depth (ft)</th> <th style="text-align: left; border-bottom: 1px solid black;">Boring Description</th> <th style="text-align: left; border-bottom: 1px solid black;">PSI</th> </tr> <tr> <td style="border-right: 1px solid black;">0--</td> <td></td> <td>200</td> </tr> <tr> <td style="border-right: 1px solid black;">1--</td> <td>Asphalt Contaminated</td> <td></td> </tr> <tr> <td style="border-right: 1px solid black;">2--</td> <td></td> <td></td> </tr> <tr> <td style="border-right: 1px solid black;">3--</td> <td>Subgrade:</td> <td></td> </tr> <tr> <td style="border-right: 1px solid black;">4--</td> <td>clayey sand</td> <td></td> </tr> <tr> <td style="border-right: 1px solid black;">5--</td> <td></td> <td></td> </tr> <tr> <td style="border-right: 1px solid black;">6--</td> <td></td> <td></td> </tr> <tr> <td style="border-right: 1px solid black;">7--</td> <td></td> <td></td> </tr> <tr> <td style="border-right: 1px solid black;">8--</td> <td></td> <td></td> </tr> <tr> <td style="border-right: 1px solid black;">9--</td> <td></td> <td></td> </tr> <tr> <td style="border-right: 1px solid black;">10--</td> <td></td> <td></td> </tr> </table>	Depth (ft)	Boring Description	PSI	0--		200	1--	Asphalt Contaminated		2--			3--	Subgrade:		4--	clayey sand		5--			6--			7--			8--			9--			10--		
Depth (ft)	Boring Description	PSI																																			
0--		200																																			
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7--																																					
8--																																					
9--																																					
10--																																					

Submitted By: P. BAKER
 Title: SUPERVISOR 1

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	97
No. 16	94
No. 40	69
No. 50	54
No. 100	26
No. 200	8

Liquid Limit	<u>18</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>75</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>4.8</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-3</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-518-12
 E.A.: 73616 Job Description: US 95 NORTH OF FALLON
 Date Rec'd: 9/5/2012
 Samplers: BAKER, WIMER Station: "P" ~ 144+00 Route: US 95
ALTAMIRANO Location from CL (ft): Lt. 14.0' Rt. _____
 Sample No.: 4 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>8"</u> Oil Depth (in) <u>0</u> Remarks: _____ _____ Submitted By: <u>P. BAKER</u> Title: <u>SUPERVISOR I</u>	0--		100
	1--	Contaminated	1--
	2--		2--
	3--	Subgrade:	3--
	4--	clayey sand	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	100
3/8"	99
No. 4	99
No. 10	99
No. 16	98
No. 40	89
No. 50	77
No. 100	38
No. 200	12

Liquid Limit	<u>18</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>72</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>5.8</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-519-12
 E.A.: 73616 Job Description: US 95 NORTH OF FALLON
 Date Rec'd: 9/5/2012
 Samplers: BAKER, WIMER Station: "P" ~ 149+00 Route: US 95
ALTAMIRANO Location from CL (ft) Lt. _____ Rt. 15.0'
 Sample No.: 5 County: CHURCHILL

<p>Sample Type: <input checked="" type="checkbox"/> RV <input type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/></p> <p>Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/></p> <p>Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/></p> <p>Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/></p> <p>Gravel Depth (in) <u>9"</u> Oil Depth (in) <u>0</u></p> <p>Remarks: _____ _____ _____</p> <p>Submitted By: <u>P. BAKER</u> Title: <u>SUPERVISOR 1</u></p>	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 15%;">Depth (ft)</th> <th style="width: 70%;">Boring Description</th> <th style="width: 15%;">PSI</th> </tr> </thead> <tbody> <tr> <td>0--</td> <td></td> <td>100</td> </tr> <tr> <td>1--</td> <td>Contaminated</td> <td></td> </tr> <tr> <td>2--</td> <td></td> <td></td> </tr> <tr> <td>3--</td> <td>Subgrade:</td> <td></td> </tr> <tr> <td>4--</td> <td>clayey sand</td> <td></td> </tr> <tr> <td>5--</td> <td></td> <td></td> </tr> <tr> <td>6--</td> <td></td> <td></td> </tr> <tr> <td>7--</td> <td></td> <td></td> </tr> <tr> <td>8--</td> <td></td> <td></td> </tr> <tr> <td>9--</td> <td></td> <td></td> </tr> <tr> <td>10--</td> <td></td> <td></td> </tr> </tbody> </table>	Depth (ft)	Boring Description	PSI	0--		100	1--	Contaminated		2--			3--	Subgrade:		4--	clayey sand		5--			6--			7--			8--			9--			10--		
Depth (ft)	Boring Description	PSI																																			
0--		100																																			
1--	Contaminated																																				
2--																																					
3--	Subgrade:																																				
4--	clayey sand																																				
5--																																					
6--																																					
7--																																					
8--																																					
9--																																					
10--																																					

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	100
3/8"	99
No. 4	99
No. 10	98
No. 16	97
No. 40	94
No. 50	90
No. 100	69
No. 200	43

Liquid Limit	<u>21</u>	
Plastic Index	<u>1</u>	
Specific Gravity	_____	
Resistance Value	<u>70</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>6.4</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-520-12
 E.A.: 73616 Job Description: US 95 NORTH OF FALLON
 Date Rec'd: 9/5/2012
 Samplers: BAKER, WIMER Station: "P" ~ 153+85 Route: US 95
ALTAMIRANO Location from CL (ft): Lt. 15.0' Rt. _____
 Sample No.: 6 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 8" Oil Depth (in) 0
 Remarks: _____

 Submitted By: P. BAKER
 Title: SUPERVISOR 1

Depth (ft)	Boring Description	PSI
0--		100
1--	Contaminated	1
2--		2--
3--	Subgrade:	3--
4--	clayey sand	4--
5--		5--
6--		6--
7--		7--
8--		8--
9--		9--
10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	98
No. 10	96
No. 16	93
No. 40	77
No. 50	69
No. 100	49
No. 200	36

Liquid Limit 19
 Plastic Index 4
 Specific Gravity _____
 Resistance Value 60
 Cover Stabilometer _____
 Thickness 9.6 Expansion Pressure _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-521-12
 E.A.: 73616 Job Description: US 95 NORTH OF FALLON
 Date Rec'd: 9/5/2012
 Samplers: BAKER, WIMER Station: "P" ~ 159+00 Route: US 95
ALTAMIRANO Location from CL (ft) Lt. _____ Rt. 14.0'
 Sample No.: 7 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 8" Oil Depth (in) 0
 Remarks: _____
 Submitted By: P. BAKER
 Title: SUPERVISOR 1

Depth (ft)	Boring Description	PSI
0--		100
1--	Contaminated	
2--		
3--	Subgrade:	
4--	clayey sand	
5--		
6--		
7--		
8--		
9--		
10--		

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	99
3/8"	99
No. 4	99
No. 10	98
No. 16	97
No. 40	87
No. 50	78
No. 100	44
No. 200	16

Liquid Limit 17
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 73
 Cover Stabilometer _____
 Thickness 5.4 Expansion Pressure _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-522-12
 E.A.: 73616 Job Description: US 95 NORTH OF FALLON
 Date Rec'd: 9/5/2012
 Samplers: BAKER, WIMER Station: "P" ~ 164+00 Route: US 95
ALTAMIRANO Location from CL (ft): Lt. 15.0' Rt. _____
 Sample No.: 8 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 8" Oil Depth (in) 0
 Remarks: _____
 Submitted By: P. BAKER
 Title: SUPERVISOR 1

Depth (ft)	Boring Description	PSI
0--		100
1--	Contaminated	1--
2--		2--
3--	Subgrade:	3--
4--	clayey sand	4--
5--		5--
6--		6--
7--		7--
8--		8--
9--		9--
10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	98
3/8"	97
No. 4	96
No. 10	94
No. 16	92
No. 40	81
No. 50	72
No. 100	48
No. 200	28

Liquid Limit 20
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 72
 Cover Stabilometer Expansion Pressure _____
 Thickness 5.8
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-523-12
 E.A.: 73616 Job Description: US 95 NORTH OF FALLON
 Date Rec'd: 9/5/2012
 Samplers: BAKER, WIMER Station: "P" ~ 169+00 Route: US 95
ALTAMIRANO Location from CL (ft) Lt. _____ Rt. 14.0'
 Sample No.: 9 County: CHURCHILL

Sample Type: _____
 RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 8" Oil Depth (in) 0
 Remarks: _____

 Submitted By: P. BAKER
 Title: SUPERVISOR 1

Depth (ft)	Boring Description	PSI
0--		100
1--	Contaminated	1
2--		2--
3--	Subgrade:	3--
4--	clayey sand	4--
5--		5--
6--		6--
7--		7--
8--		8--
9--		9--
10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	100
No. 10	99
No. 16	98
No. 40	88
No. 50	77
No. 100	46
No. 200	20

Liquid Limit 16
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 72
 Cover Stabilometer Expansion Pressure
 Thickness 5.8 _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-524-12
 E.A.: 73616 Job Description: US 95 NORTH OF FALLON
 Date Rec'd: 9/5/2012
 Samplers: BAKER, WIMER Station: "P" ~ 174+00 Route: US 95
ALTAMIRANO Location from CL (ft): Lt. 15.0' Rt. _____
 Sample No.: 10 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 9" Oil Depth (in) 0
 Remarks: _____
 Submitted By: P. BAKER
 Title: SUPERVISOR 1

Depth (ft)	Boring Description	PSI
0--		100
1--	Contaminated	1--
2--		2--
3--	Subgrade:	3--
4--	clayey sand	4--
5--		5--
6--		6--
7--		7--
8--		8--
9--		9--
10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	98
No. 16	97
No. 40	87
No. 50	80
No. 100	53
No. 200	27

Liquid Limit 17
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 51
 Cover Stabilometer Expansion Pressure _____
 Thickness 12.5
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-525-12
 E.A.: 73616 Job Description: US 95 NORTH OF FALLON
 Date Rec'd: 9/5/2012
 Samplers: BAKER, WIMER Station: "P" ~ 179+50 Route: US 95
ALTAMIRANO Location from CL (ft): _____ Lt. _____ Rt. 14.5'
 Sample No.: 11 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>8"</u> Oil Depth (in) <u>0</u> Remarks: _____ _____ _____ Submitted By: <u>P. BAKER</u> Title: <u>SUPERVISOR 1</u>	0--		100
	1--	Contaminated	1--
	2--		2--
	3--	Subgrade:	3--
	4--	clayey sand	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	100
3/8"	99
No. 4	99
No. 10	98
No. 16	98
No. 40	87
No. 50	77
No. 100	44
No. 200	19

Liquid Limit	<u>17</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>68</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>7.0</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-526-12
 E.A.: 73616 Job Description: US 95 NORTH OF FALLON
 Date Rec'd: 9/5/2012
 Samplers: BAKER, WIMER Station: "P" ~ 184+00 Route: US 95
ALTAMIRANO Location from CL (ft): Lt. 15.0' Rt. _____
 Sample No.: 12 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 8" Oil Depth (in) 0
 Remarks: _____

 Submitted By: P. BAKER
 Title: SUPERVISOR 1

Depth (ft)	Boring Description	PSI
0--		0--
1--	Contaminated	1--
2--		2--
3--	Subgrade:	3--
4--		4--
5--		5--
6--		6--
7--		7--
8--		8--
9--		9--
10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	96
No. 16	92
No. 40	70
No. 50	59
No. 100	32
No. 200	17

Liquid Limit 15
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 49
 Cover Stabilometer Expansion Pressure
 Thickness 13.1 _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-527-12
 E.A.: 73616 Job Description: US 95 NORTH OF FALLON
 Date Rec'd: 9/5/2012
 Samplers: BAKER, WIMER Station: "P" ~ 189+00 Route: US 95
ALTAMIRANO Location from CL (ft): _____ Lt. _____ Rt. 16.0'
 Sample No.: 13 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input checked="" type="checkbox"/> Fill Section <input type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>8"</u> Oil Depth (in) <u>0</u> Remarks: _____ _____ _____ Submitted By: <u>P. BAKER</u> Title: <u>SUPERVISOR 1</u>	0--		100
	1--	Contaminated	1--
	2--		2--
	3--	Subgrade:	3--
	4--	clay / sand	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	100
3/8"	99
No. 4	97
No. 10	93
No. 16	89
No. 40	79
No. 50	74
No. 100	67
No. 200	61

Liquid Limit 49
 Plastic Index 31
 Specific Gravity _____
 Resistance Value 11
 Cover Stabilometer _____
 Thickness 25.3 Expansion Pressure _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-7-6(16)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-528-12
 E.A.: 73616 Job Description: US 95 NORTH OF FALLON
 Date Rec'd: 9/5/2012
 Samplers: BAKER, WIMER Station: "P" ~ 194+00 Route: US 95
ALTAMIRANO Location from CL (ft): Lt. 15.0' Rt. _____
 Sample No.: 14 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>9"</u> Oil Depth (in) <u>0</u> Remarks: _____ _____ Submitted By: <u>P. BAKER</u> Title: <u>SUPERVISOR 1</u>	0--		100
	1--	Contaminated	1
	2--		2--
	3--	Subgrade:	3--
	4--	clayey sand	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	100
3/8"	99
No. 4	97
No. 10	92
No. 16	88
No. 40	75
No. 50	70
No. 100	60
No. 200	53

Liquid Limit	<u>41</u>	
Plastic Index	<u>25</u>	
Specific Gravity	_____	
Resistance Value	<u>12</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>25.0</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-7-6(9)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-529-12
 E.A.: 73616 Job Description: US 95 NORTH OF FALLON
 Date Rec'd: 9/5/2012
 Samplers: BAKER, WIMER Station: "P" ~ 199+00 Route: US 95
ALTAMIRANO Location from CL (ft): _____ Lt. _____ Rt. 15.0'
 Sample No.: 15 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input checked="" type="checkbox"/> Fill Section <input type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>9"</u> Oil Depth (in) <u>0</u> Remarks: _____ _____ Submitted By: <u>P. BAKER</u> Title: <u>SUPERVISOR 1</u>	0--		100
	1--	Contaminated	1--
	2--		2--
	3--	Subgrade:	3--
	4--	clayey sand	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	
No. 10	100
No. 16	99
No. 40	97
No. 50	89
No. 100	43
No. 200	12

Liquid Limit	<u>19</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>75</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>4.8</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-530-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/13/12
 Samplers: BAKER, WIMER Station: "P" 204 + 00 Route: US 95
ALTAMIRANO Location from CL (ft) Lt. 15' Rt. _____
 Sample No.: 16 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: ORLANDO ALTAMIRANO
 Title: _____

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	0--
1--	Material (Gravel)	1--
2--		2--
3--	Silt	3--
4--	Sand	4--
5--		5--
6--		6--
7--		7--
8--		8--
9--		9--
10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	98
3/8"	98
No. 4	97
No. 10	96
No. 16	93
No. 40	73
No. 50	62
No. 100	40
No. 200	20

Liquid Limit 16
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 48
 Cover Stabilometer _____
 Thickness 13.5 Expansion Pressure _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-531-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/13/12
 Samplers: BAKER, WIMER Station: "P" 209 + 00 Route: US 95
ALTAMIRANO Location from CL (ft): _____ Lt. _____ Rt. 14'
 Sample No.: 17 County: CHURCHILL

Sample Type: RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: _____	<table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left; border-bottom: 1px solid black;">Depth (ft)</th> <th style="text-align: left; border-bottom: 1px solid black;">Boring Description</th> <th style="text-align: left; border-bottom: 1px solid black;">PSI</th> </tr> <tr> <td style="border-right: 1px solid black;">0--</td> <td>Contaminated Shoulder</td> <td>0--</td> </tr> <tr> <td style="border-right: 1px solid black;">1--</td> <td>Material (Gravel)</td> <td>1--</td> </tr> <tr> <td style="border-right: 1px solid black;">2--</td> <td></td> <td>2--</td> </tr> <tr> <td style="border-right: 1px solid black;">3--</td> <td>Silt</td> <td>3--</td> </tr> <tr> <td style="border-right: 1px solid black;">4--</td> <td>Sand</td> <td>4--</td> </tr> <tr> <td style="border-right: 1px solid black;">5--</td> <td></td> <td>5--</td> </tr> <tr> <td style="border-right: 1px solid black;">6--</td> <td></td> <td>6--</td> </tr> <tr> <td style="border-right: 1px solid black;">7--</td> <td></td> <td>7--</td> </tr> <tr> <td style="border-right: 1px solid black;">8--</td> <td></td> <td>8--</td> </tr> <tr> <td style="border-right: 1px solid black;">9--</td> <td></td> <td>9--</td> </tr> <tr> <td style="border-right: 1px solid black;">10--</td> <td></td> <td>10--</td> </tr> </table>	Depth (ft)	Boring Description	PSI	0--	Contaminated Shoulder	0--	1--	Material (Gravel)	1--	2--		2--	3--	Silt	3--	4--	Sand	4--	5--		5--	6--		6--	7--		7--	8--		8--	9--		9--	10--		10--
Depth (ft)	Boring Description	PSI																																			
0--	Contaminated Shoulder	0--																																			
1--	Material (Gravel)	1--																																			
2--		2--																																			
3--	Silt	3--																																			
4--	Sand	4--																																			
5--		5--																																			
6--		6--																																			
7--		7--																																			
8--		8--																																			
9--		9--																																			
10--		10--																																			

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	100
No. 10	97
No. 16	93
No. 40	61
No. 50	51
No. 100	32
No. 200	16

Liquid Limit	<u>16</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>61</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>9.3</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-532-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/13/12
 Samplers: BAKER, WIMER Station: "P" 214 + 00 Route: US 95
ALTAMIRANO Location from CL (ft) Lt. 15' Rt. _____
 Sample No.: 18 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: ORLANDO ALTAMIRANO
 Title: _____

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	0--
1--	Material (Gravel)	1--
2--		2--
3--	Silt	3--
4--	Sand	4--
5--		5--
6--		6--
7--		7--
8--		8--
9--		9--
10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	100
3/8"	99
No. 4	99
No. 10	97
No. 16	96
No. 40	82
No. 50	69
No. 100	31
No. 200	10

Liquid Limit 19
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 71
 Cover Stabilometer Expansion Pressure
 Thickness 6.1 _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-3

Remarks: _____

LINE SAMPLING DATA

Date Reported: s
 Lab No.: S12-11, RV-533-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/13/12
 Samplers: BAKER, WIMER Station: "P" 219 + 00 Route: US 95
ALTAMIRANO Location from CL (ft) _____ Lt. _____ Rt. 14'
 Sample No.: 19 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--	Contaminated Shoulder	0--
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	1--	Material (Gravel)	1--
Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/>	2--		2--
Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/>	3--	Silt	3--
Gravel Depth (in) <u>12"</u> Oil Depth (in) _____	4--	Sand	4--
Remarks: _____	5--		5--
_____	6--		6--
_____	7--		7--
Submitted By: <u>ORLANDO ALTAMIRANO</u>	8--		8--
Title: _____	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	99
No. 16	98
No. 40	86
No. 50	72
No. 100	31
No. 200	7

Liquid Limit 20
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 74
 Cover Stabilometer _____
 Thickness 5.1 Expansion Pressure _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-3

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-534-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/13/12
 Samplers: BAKER, WIMER Station: "P" 224 + 00 Route: US 95
ALTAMIRANO Location from CL (ft) Lt. 14' Rt. _____
 Sample No.: 20 County: CHURCHILL

Sample Type: _____
 RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: ORLANDO ALTAMIRANO
 Title: _____

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	0--
1--	Material (Gravel)	1--
2--		2--
3--	Silt	3--
4--	Sand	4--
5--		5--
6--		6--
7--		7--
8--		8--
9--		9--
10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	99
3/8"	99
No. 4	99
No. 10	98
No. 16	98
No. 40	93
No. 50	85
No. 100	50
No. 200	11

Liquid Limit 21
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 72
 Cover Stabilometer Expansion Pressure
 Thickness 5.8 _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-535-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/13/12
 Samplers: BAKER, WIMER Station: "P" 229 + 00 Route: US 95
ALTAMIRANO Location from CL (ft): _____ Lt. _____ Rt. 16'
 Sample No.: 21 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: ORLANDO ALTAMIRANO
 Title: _____

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	0--
1--	Material (Gravel)	1--
2--		2--
3--	Silt	3--
4--	Sand	4--
5--		5--
6--		6--
7--		7--
8--		8--
9--		9--
10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	100
3/8"	98
No. 4	96
No. 10	93
No. 16	90
No. 40	78
No. 50	65
No. 100	29
No. 200	7

Liquid Limit 20
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 71
 Cover Stabilometer Expansion Pressure
 Thickness 6.1 _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-3

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-536-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/13/12
 Samplers: BAKER, WIMER Station: "P" 234 + 00 Route: US 95
ALTAMIRANO Location from CL (ft) Lt. 15' Rt. _____
 Sample No.: 22 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: _____	0--	Contaminated Shoulder	0--
	1--	Material (Gravel)	1
	2--		2--
	3--	Silt	3--
	4--	Sand	4--
	5--		5
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	
No. 10	100
No. 16	99
No. 40	95
No. 50	83
No. 100	30
No. 200	5

Liquid Limit	<u>20</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>76</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>4.5</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-3</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-537-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/13/12
 Samplers: BAKER, WIMER Station: "P" 239 + 00 Route: US 95
ALTAMIRANO Location from CL (ft) Lt. _____ Rt. 15'
 Sample No.: 23 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: ORLANDO ALTAMIRANO
 Title: _____

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	0--
1--	Material (Gravel)	1
2--		2--
3--	Silt	3--
4--	Sand	4--
5--		5--
6--		6--
7--		7--
8--		8--
9--		9--
10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	98
No. 10	97
No. 16	96
No. 40	86
No. 50	75
No. 100	31
No. 200	7

Liquid Limit 20
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 76
 Cover Stabilometer Expansion Pressure
 Thickness 4.5 _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-3

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-538-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/13/12
 Samplers: BAKER, WIMER Station: "P" 244 + 00 Route: US 95
ALTAMIRANO Location from CL (ft): _____ Lt. 14' Rt. _____
 Sample No.: 24 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: ORLANDO ALTAMIRANO
 Title: _____

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	0--
1--	Material (Gravel)	1--
2--		2--
3--	Silt	3--
4--	Sand	4--
5--		5--
6--		6--
7--		7--
8--		8--
9--		9--
10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	99
No. 16	98
No. 40	79
No. 50	67
No. 100	36
No. 200	9

Liquid Limit 20
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 73
 Cover Stabilometer Expansion Pressure
 Thickness 5.4 _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-3

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-539-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/13/12
 Samplers: BAKER, WIMER Station: "P" 249 + 00 Route: US 95
ALTAMIRANO Location from CL (ft): _____ Lt. _____ Rt. 14'
 Sample No.: 25 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--	Contaminated Shoulder	0--
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	1--	Material (Gravel)	1--
Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/>	2--		2--
Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/>	3--	Silt	3--
Gravel Depth (in) <u>12"</u> Oil Depth (in) _____	4--	Sand	4--
Remarks: _____	5--		5--
_____	6--		6--
_____	7--		7--
Submitted By: <u>ORLANDO ALTAMIRANO</u>	8--		8--
Title: _____	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	100
No. 10	99
No. 16	99
No. 40	84
No. 50	72
No. 100	35
No. 200	8

Liquid Limit	<u>20</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>74</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>5.1</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-3</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-553-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/13/12
 Samplers: BAKER, WIMER Station: "P" 254 + 00 Route: US 95
ALTAMIRANO Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 26 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: ORLANDO ALTAMIRANO
 Title: _____

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	0--
1--	Material (Gravel)	1--
2--		2--
3--	Silt	3--
4--	Sand	4--
5--		5--
6--		6--
7--		7--
8--		8--
9--		9--
10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	100
3/8"	99
No. 4	98
No. 10	97
No. 16	96
No. 40	85
No. 50	73
No. 100	29
No. 200	6

Liquid Limit: 19
 Plastic Index: NP
 Specific Gravity: _____
 Resistance Value: 75
 Cover: Stabilometer Expansion Pressure: _____
 Thickness: 4.8
 Sand Equivalent: _____
 Natural Moisture, %: _____
 Resistivity: _____
 pH Factor: _____
 AASHTO Classification: A-3

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-540-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/13/12
 Samplers: BAKER, WIMER Station: "P" 259 + 00 Route: US 95
ALTAMIRANO Location from CL (ft): _____ Lt. _____ Rt. 14'
 Sample No.: 27 County: CHURCHILL

Sample Type: RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: _____	<table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left; border-bottom: 1px solid black;">Depth (ft)</th> <th style="text-align: left; border-bottom: 1px solid black;">Boring Description</th> <th style="text-align: left; border-bottom: 1px solid black;">PSI</th> </tr> <tr> <td style="border-bottom: 1px solid black;">0--</td> <td style="border-bottom: 1px solid black;">Contaminated Shoulder</td> <td style="border-bottom: 1px solid black;">0--</td> </tr> <tr> <td style="border-bottom: 1px solid black;">1--</td> <td style="border-bottom: 1px solid black;">Material (Gravel)</td> <td style="border-bottom: 1px solid black;">1</td> </tr> <tr> <td style="border-bottom: 1px solid black;">2--</td> <td style="border-bottom: 1px solid black;"></td> <td style="border-bottom: 1px solid black;">2--</td> </tr> <tr> <td style="border-bottom: 1px solid black;">3--</td> <td style="border-bottom: 1px solid black;">Silt</td> <td style="border-bottom: 1px solid black;">3--</td> </tr> <tr> <td style="border-bottom: 1px solid black;">4--</td> <td style="border-bottom: 1px solid black;">Sand</td> <td style="border-bottom: 1px solid black;">4--</td> </tr> <tr> <td style="border-bottom: 1px solid black;">5--</td> <td style="border-bottom: 1px solid black;"></td> <td style="border-bottom: 1px solid black;">5</td> </tr> <tr> <td style="border-bottom: 1px solid black;">6--</td> <td style="border-bottom: 1px solid black;"></td> <td style="border-bottom: 1px solid black;">6--</td> </tr> <tr> <td style="border-bottom: 1px solid black;">7--</td> <td style="border-bottom: 1px solid black;"></td> <td style="border-bottom: 1px solid black;">7--</td> </tr> <tr> <td style="border-bottom: 1px solid black;">8--</td> <td style="border-bottom: 1px solid black;"></td> <td style="border-bottom: 1px solid black;">8--</td> </tr> <tr> <td style="border-bottom: 1px solid black;">9--</td> <td style="border-bottom: 1px solid black;"></td> <td style="border-bottom: 1px solid black;">9--</td> </tr> <tr> <td style="border-bottom: 1px solid black;">10--</td> <td style="border-bottom: 1px solid black;"></td> <td style="border-bottom: 1px solid black;">10--</td> </tr> </table>	Depth (ft)	Boring Description	PSI	0--	Contaminated Shoulder	0--	1--	Material (Gravel)	1	2--		2--	3--	Silt	3--	4--	Sand	4--	5--		5	6--		6--	7--		7--	8--		8--	9--		9--	10--		10--
Depth (ft)	Boring Description	PSI																																			
0--	Contaminated Shoulder	0--																																			
1--	Material (Gravel)	1																																			
2--		2--																																			
3--	Silt	3--																																			
4--	Sand	4--																																			
5--		5																																			
6--		6--																																			
7--		7--																																			
8--		8--																																			
9--		9--																																			
10--		10--																																			

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	100
No. 10	99
No. 16	98
No. 40	84
No. 50	71
No. 100	45
No. 200	13

Liquid Limit	<u>20</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>71</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>6.1</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-541-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/13/12
 Samplers: BAKER, WIMER Station: "P" 264 + 00 Route: US 95
ALTAMIRANO Location from CL (ft) Lt. 15' Rt. _____
 Sample No.: 28 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--	Contaminated Shoulder	0--
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	1--	Material (Gravel)	1--
Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/>	2--		2--
Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/>	3--	Silt	3--
Gravel Depth (in) <u>12"</u> Oil Depth (in) _____	4--	Sand	4--
Remarks: _____	5--		5--
_____	6--		6--
_____	7--		7--
Submitted By: <u>ORLANDO ALTAMIRANO</u>	8--		8--
Title: _____	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	98
3/8"	98
No. 4	98
No. 10	98
No. 16	97
No. 40	81
No. 50	68
No. 100	39
No. 200	10

Liquid Limit 19
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 74
 Cover Stabilometer
 Thickness 5.1 Expansion Pressure _____
 Sand Equivalentt _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-3

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-542-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 270 + 00 Route: US 95 NB
ALTAMIRANO, RIGSBY Location from CL (ft) Lt. _____ Rt. 15'
 Sample No.: 29 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: ORLANDO ALTAMIRANO
 Title: _____

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	100
1--	Material	
2--		
3--	Silt	
4--	Sand	
5--		
6--		
7--		
8--		
9--		
10--		

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	99
3/8"	97
No. 4	95
No. 10	92
No. 16	90
No. 40	80
No. 50	73
No. 100	49
No. 200	16

Liquid Limit 18
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 75
 Cover Stabilometer Expansion Pressure
 Thickness 4.8 _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-543-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 275 + 00 Route: US 95 SB
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. 15' Rt. _____
 Sample No.: 30 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: ORLANDO ALTAMIRANO
 Title: _____

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	100
1--	Material	
2--		
3--	Silt	
4--	Sand	
5--		
6--		
7--		
8--		
9--		
10--		

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	98
No. 16	98
No. 40	86
No. 50	73
No. 100	34
No. 200	7

Liquid Limit 19
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 75
 Cover Stabilometer _____
 Thickness 4.8 Expansion Pressure _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-3

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-544-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 280 + 00 Route: US 95 NB
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 31 County: CHURCHILL

Sample Type: _____
 RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: ORLANDO ALTAMIRANO
 Title: _____

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	100
1--	Material	
2--		
3--	Silt	
4--	Sand	
5--		
6--		
7--		
8--		
9--		
10--		

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	99
No. 16	99
No. 40	87
No. 50	74
No. 100	29
No. 200	5

Liquid Limit 17
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 76
 Cover Stabilometer _____
 Thickness 4.5 Expansion Pressure _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-3

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-545-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 285 + 00 Route: US 95 SB
ALTAMIRANO, RIGSBY Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 32 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: _____	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--		2--
	3--	Silt	3--
	4--	Sand	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	100
No. 10	99
No. 16	94
No. 40	77
No. 50	66
No. 100	37
No. 200	12

Liquid Limit 17
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 76
 Cover Stabilometer Expansion Pressure
 Thickness 4.5 _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-546-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 290 + 00 Route: US 95 NB
ALTAMIRANO, RIGSBY Location from CL (ft) Lt. _____ Rt. 15'
 Sample No.: 33 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input checked="" type="checkbox"/> Fill Section <input type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: _____	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt, Sand	2--
	3--	Clay	3--
	4--	-----	4--
	5--	Sand	5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	96
No. 16	92
No. 40	71
No. 50	61
No. 100	47
No. 200	34

Liquid Limit 17
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 28
 Cover Stabilometer _____
 Thickness 19.9 Expansion Pressure _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-547-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 295 + 00 Route: US 95 SB
ALTAMIRANO, RIGSBY Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 34 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: ORLANDO ALTAMIRANO
 Title: _____

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	100
1--	Material	
2--		
3--	Silt	
4--	Sand	
5--		
6--		
7--		
8--		
9--		
10--		

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	100
3/8"	99
No. 4	99
No. 10	98
No. 16	92
No. 40	69
No. 50	58
No. 100	35
No. 200	15

Liquid Limit 13
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 72
 Cover Stabilometer _____
 Thickness 5.8 Expansion Pressure _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-548-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 300 + 00 Route: US 95 NB
ALTAMIRANO, RIGSBY Location from CL (ft) _____ Lt. _____ Rt. 15'
 Sample No.: 35 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: _____	0--	Contaminated Shoulder	0--
	1--	Material	100
	2--		2--
	3--	Silt	3--
	4--	Sand	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	100
No. 10	99
No. 16	97
No. 40	77
No. 50	65
No. 100	35
No. 200	12

Liquid Limit 15
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 71
 Cover Stabilometer _____
 Thickness 6.1 Expansion Pressure _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-549-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 305 +00 Route: US 95 SB
ALTAMIRANO, RIGSBY Location from CL (ft) Lt. 15' Rt. _____
 Sample No.: 36 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: ORLANDO ALTAMIRANO
 Title: _____

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	100
1--	Material	
2--		
3--	Silt	
4--	Sand	
5--		
6--		
7--		
8--		
9--		
10--		

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	99
No. 16	98
No. 40	81
No. 50	69
No. 100	37
No. 200	12

Liquid Limit 17
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 74
 Cover Stabilometer Expansion Pressure
 Thickness 5.1 _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-550-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 310 + 00 Route: US 95 NB
ALTAMIRANO, RIGSBY Location from CL (ft) Lt. _____ Rt. 15'
 Sample No.: 37 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: _____	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--		2--
	3--	Silt	3--
	4--	Sand	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	99
3/8"	99
No. 4	99
No. 10	98
No. 16	96
No. 40	81
No. 50	70
No. 100	37
No. 200	11

Liquid Limit 17
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 73
 Cover Stabilometer Expansion Pressure
 Thickness 5.4 _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-551-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 315 + 00 Route: US 95 SB
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. 15' Rt. _____
 Sample No.: 38 County: CHURCHILL

Sample Type: _____
 RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: ORLANDO ALTAMIRANO
 Title: _____

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	100
1--	Material	
2--		
3--	Silt	
4--	Sand	
5--		
6--		
7--		
8--		
9--		
10--		

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	100
No. 10	99
No. 16	97
No. 40	75
No. 50	64
No. 100	34
No. 200	10

Liquid Limit 17
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 74
 Cover Stabilometer _____
 Thickness 5.1 Expansion Pressure _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-3

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-552-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 320 + 00 Route: US 95 NB
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 39 County: CHURCHILL

Sample Type: _____
 RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: ORLANDO ALTAMIRANO
 Title: _____

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	100
1--	Material	
2--	Silt	
3--	Sand	
4--	Lt. Clay	
5--		
6--		
7--		
8--		
9--		
10--		

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	98
3/8"	98
No. 4	97
No. 10	96
No. 16	93
No. 40	79
No. 50	71
No. 100	53
No. 200	28

Liquid Limit 14
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 50
 Cover _____
 Thickness 12.8 Expansion Pressure _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-554-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 325 + 00 Route: US 95 SB
ALTAMIRANO, RIGSBY Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 40 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____

 Submitted By: ORLANDO ALTAMIRANO
 Title: _____

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	100
1--	Material	
2--		
3--	Silt	
4--	Sand	
5--		
6--		
7--		
8--		
9--		
10--		

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	100
No. 10	99
No. 16	97
No. 40	78
No. 50	64
No. 100	31
No. 200	10

Liquid Limit 17
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 75
 Cover Stabilometer _____
 Thickness 4.8 Expansion Pressure _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-3

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-555-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 330 + 00 Route: US 95 NB
ALTAMIRANO, RIGSBY Location from CL (ft) Lt. _____ Rt. 15'
 Sample No.: 41 County: CHURCHILL

Sample Type: _____
 RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: ORLANDO ALTAMIRANO
 Title: _____

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	100
1--	Material	
2--		
3--	Silt	
4--	Sand	
5--		
6--		
7--		
8--		
9--		
10--		

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	100
No. 10	99
No. 16	97
No. 40	78
No. 50	67
No. 100	41
No. 200	20

Liquid Limit 15
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 65
 Cover Stabilometer _____
 Thickness 8.0 Expansion Pressure _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-556-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 335 + 00 Route: US 95 SB
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. 15' Rt. _____
 Sample No.: 42 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: _____	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--		2--
	3--	Silt	3--
	4--	Sand	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	98
No. 16	94
No. 40	74
No. 50	64
No. 100	36
No. 200	17

Liquid Limit: 15
 Plastic Index: NP
 Specific Gravity: _____
 Resistance Value: 63
 Cover: Stabilometer Expansion Pressure: _____
 Thickness: 8.7
 Sand Equivalent: _____
 Natural Moisture, %: _____
 Resistivity: _____
 pH Factor: _____
 AASHTO Classification: A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-557-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 340 + 00 Route: US 95 NB
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 43 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input checked="" type="checkbox"/> Fill Section <input type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: _____	0-- 1-- 2-- 3-- 4-- 5-- 6-- 7-- 8-- 9-- 10--	Contaminated Shoulder Material Silt Sand 	100

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	100
No. 10	98
No. 16	95
No. 40	70
No. 50	59
No. 100	32
No. 200	12

Liquid Limit 17
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 74
 Cover Stabilometer _____
 Thickness 5.1 Expansion Pressure _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-558-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 345 + 00 Route: US 95 SB
ALTAMIRANO, RIGSBY Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 44 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input checked="" type="checkbox"/> Fill Section <input type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: <u>Pullout on left of Roadway, cut is present on Right of Roadway.</u>	0-- 1-- 2-- 3-- 4-- 5-- 6-- 7-- 8-- 9-- 10--	Contaminated Shoulder Material Silt Sand 	100

Submitted By: ORLANDO ALTAMIRANO
 Title: _____

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	95
No. 16	90
No. 40	71
No. 50	59
No. 100	28
No. 200	17

Liquid Limit 16
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 49
 Cover Stabilometer _____
 Thickness 13.1 Expansion Pressure _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-559-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 350 + 00 Route: US 95 NB
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 45 County: CHURCHILL

Sample Type: _____
 RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: ORLANDO ALTAMIRANO
 Title: _____

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	0--
1--	Material	1--
2--		2--
3--	Silt	3--
4--	Sand	4--
5--		5--
6--		6--
7--		7--
8--		8--
9--		9--
10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	100
No. 10	99
No. 16	97
No. 40	74
No. 50	62
No. 100	33
No. 200	10

Liquid Limit 16
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 75
 Cover Stabilometer Expansion Pressure _____
 Thickness 4.8
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-3

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-560-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 355 + 00 Route: US 95 SB
ALTAMIRANO, RIGSBY Location from CL (ft) Lt. 15' Rt. _____
 Sample No.: 46 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____

 Submitted By: ORLANDO ALTAMIRANO
 Title: _____

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	100
1--	Material	
2--		
3--	Silt	
4--	Sand	
5--		
6--		
7--		
8--		
9--		
10--		

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	99
No. 16	96
No. 40	72
No. 50	61
No. 100	29
No. 200	8

Liquid Limit 19
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 75
 Cover Stabilometer Expansion Pressure
 Thickness 4.8 _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-3

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-561-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 360 + 00 Route: US 95 NB
ALTAMIRANO, RIGSBY Location from CL (ft) Lt. _____ Rt. 15'
 Sample No.: 47 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: ORLANDO ALTAMIRANO
 Title: _____

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	0--
1--	Material	1--
2--		2--
3--	Silt	3--
4--	Sand	4--
5--		5--
6--		6--
7--		7--
8--		8--
9--		9--
10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	99
No. 16	98
No. 40	86
No. 50	72
No. 100	31
No. 200	6

Liquid Limit 19
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 75
 Cover Stabilometer _____
 Thickness 4.8 Expansion Pressure _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-3

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-562-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 365 + 00 Route: US 95 SB
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. 15' Rt. _____
 Sample No.: 48 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: ORLANDO ALTAMIRANO
 Title: _____

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	100
1--	Material	
2--		
3--	Silt	
4--	Sand	
5--		
6--		
7--		
8--		
9--		
10--		

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	100
No. 10	98
No. 16	95
No. 40	72
No. 50	60
No. 100	34
No. 200	14

Liquid Limit 14
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 74
 Cover Stabilometer Expansion Pressure _____
 Thickness 5.1
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-563-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 370 + 00 Route: US 95 NB
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 49 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input checked="" type="checkbox"/> Fill Section <input type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: _____	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--		2--
	3--	Silt	3--
	4--	Sand	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	98
No. 16	98
No. 40	89
No. 50	76
No. 100	32
No. 200	7

Liquid Limit	<u>19</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>74</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>5.1</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-3</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-564-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 375 + 00 Route: US 95 SB
ALTAMIRANO, RIGSBY Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 50 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: ORLANDO ALTAMIRANO
 Title: _____

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	100
1--	Material	
2--		
3--	Silt	
4--	Sand	
5--		
6--		
7--		
8--		
9--		
10--		

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	98
3/8"	98
No. 4	97
No. 10	96
No. 16	94
No. 40	83
No. 50	69
No. 100	30
No. 200	8

Liquid Limit 18
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 76
 Cover Stabilometer _____
 Thickness 4.5 Expansion Pressure _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-3

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-565-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 380 + 00 Route: US 95 NB
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 51 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: ORLANDO ALTAMIRANO
 Title: _____

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	100
1--	Material	
2--		
3--	Silt	
4--	Sand	
5--		
6--		
7--		
8--		
9--		
10--		

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	100
No. 10	99
No. 16	98
No. 40	83
No. 50	72
No. 100	30
No. 200	6

Liquid Limit 18
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 77
 Cover Stabilometer _____
 Thickness 4.2 Expansion Pressure _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-3

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-566-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 385 + 00 Route: US 95 SB
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. 15' Rt. _____
 Sample No.: 52 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: ORLANDO ALTAMIRANO
 Title: _____

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	100
1--	Material	
2--		
3--	Silt	
4--	Sand	
5--		
6--		
7--		
8--		
9--		
10--		

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	98
No. 16	94
No. 40	75
No. 50	63
No. 100	32
No. 200	14

Liquid Limit 16
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 75
 Cover Stabilometer _____ Expansion Pressure _____
 Thickness 4.8
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-567-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 390 + 00 Route: US 95 NB
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 53 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input checked="" type="checkbox"/> Fill Section <input type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: _____	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--		2--
	3--	Silt	3--
	4--	Sand	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	98
No. 16	97
No. 40	84
No. 50	73
No. 100	33
No. 200	9

Liquid Limit 17
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 77
 Cover Stabilometer Expansion Pressure _____
 Thickness 4.2
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-3

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-568-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 395 + 00 Route: US 95 SB
ALTAMIRANO, RIGSBY Location from CL (ft) Lt. 15' Rt. _____
 Sample No.: 54 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input checked="" type="checkbox"/> Fill Section <input type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: _____	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--		2--
	3--	Silt	3--
	4--	Sand	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	98
No. 16	96
No. 40	89
No. 50	82
No. 100	50
No. 200	24

Liquid Limit 18
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 71
 Cover Stabilometer Expansion Pressure
 Thickness 6.1 _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-569-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 400 + 00 Route: US 95 NB
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 55 County: CHURCHILL

Sample Type: _____
 RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: Cut is present on left of Roadway.
 Submitted By: ORLANDO ALTAMIRANO
 Title: _____

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	100
1--	Material	
2--		
3--	Silt	
4--	Sand	
5--		
6--		
7--		
8--		
9--		
10--		

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	100
No. 10	97
No. 16	93
No. 40	78
No. 50	68
No. 100	37
No. 200	12

Liquid Limit 16
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 72
 Cover Stabilometer Expansion Pressure
 Thickness 5.8
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-570-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 405 + 00 Route: US 95 SB
ALTAMIRANO, RIGSBY Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 56 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input checked="" type="checkbox"/> Fill Section <input type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: _____	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--		2--
	3--	Silt	3--
	4--	Sand	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	99
3/8"	99
No. 4	99
No. 10	98
No. 16	96
No. 40	84
No. 50	72
No. 100	36
No. 200	11

Liquid Limit 17
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 73
 Cover Stabilometer Expansion Pressure _____
 Thickness 5.4
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-571-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 410 + 00 Route: US 95 NB
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 57 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: ORLANDO ALTAMIRANO
 Title: _____

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	100
1--	Material	
2--		
3--	Silt	
4--	Sand	
5--		
6--		
7--		
8--		
9--		
10--		

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	100
No. 10	99
No. 16	98
No. 40	78
No. 50	58
No. 100	25
No. 200	9

Liquid Limit 16
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 74
 Cover Stabilometer Expansion Pressure _____
 Thickness 5.1
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-3

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-572-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 415 + 00 Route: US 95 SB
ALTAMIRANO, RIGSBY Location from CL (ft) Lt. 15' Rt. _____
 Sample No.: 58 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input checked="" type="checkbox"/> Fill Section <input type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: _____	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--		2--
	3--	Silt	3--
	4--	Sand	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	100
No. 10	99
No. 16	98
No. 40	90
No. 50	80
No. 100	36
No. 200	13

Liquid Limit 16
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 72
 Cover Stabilometer _____
 Thickness 5.8 Expansion Pressure _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-573-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 420 + 00 Route: US 95 NB
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 59 County: CHURCHILL

Sample Type: _____
 RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: Cut is present on left of Roadway.
 Submitted By: ORLANDO ALTAMIRANO
 Title: _____

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	100
1--	Material	
2--		
3--	Silt	
4--	Sand	
5--		
6--		
7--		
8--		
9--		
10--		

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	99
3/8"	99
No. 4	99
No. 10	98
No. 16	97
No. 40	83
No. 50	70
No. 100	30
No. 200	8

Liquid Limit 18
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 75
 Cover Stabilometer Expansion Pressure _____
 Thickness 4.8
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-3

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-574-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 425 + 00 Route: US 95 SB
ALTAMIRANO, RIGSBY Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 60 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: ORLANDO ALTAMIRANO
 Title: _____

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	100
1--	Material	
2--		
3--	Silt	
4--	Sand	
5--		
6--		
7--		
8--		
9--		
10--		

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	100
No. 10	98
No. 16	97
No. 40	80
No. 50	69
No. 100	41
No. 200	16

Liquid Limit 17
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 70
 Cover Stabilometer Expansion Pressure _____
 Thickness 6.4
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-575-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 430 + 00 Route: US 95 NB
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 61 County: CHURCHILL

Sample Type: _____
 RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: Cut is present on left of Roadway.
 Submitted By: ORLANDO ALTAMIRANO
 Title: _____

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	100
1--	Material	
2--		
3--	Silt	
4--	Sand	
5--		
6--		
7--		
8--		
9--		
10--		

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	95
No. 16	90
No. 40	68
No. 50	57
No. 100	35
No. 200	18

Liquid Limit: 15
 Plastic Index: NP
 Specific Gravity: _____
 Resistance Value: 60
 Cover: Stabilometer Expansion Pressure: _____
 Thickness: 9.6
 Sand Equivalent: _____
 Natural Moisture, %: _____
 Resistivity: _____
 pH Factor: _____
 AASHTO Classification: A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-576-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 435 + 00 Route: US 95 SB
ALTAMIRANO, RIGSBY Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 62 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: _____	0-- 1-- 2-- 3-- 4-- 5-- 6-- 7-- 8-- 9-- 10--	Contaminated Shoulder Material Silt Sand 	100

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	98
No. 16	96
No. 40	75
No. 50	61
No. 100	31
No. 200	11

Liquid Limit 17
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 71
 Cover Stabilometer Expansion Pressure _____
 Thickness 6.1
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-577-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 440 + 00 Route: US 95 NB
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 63 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: ORLANDO ALTAMIRANO
 Title: _____

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	100
1--	Material	
2--		
3--	Silt	
4--	Sand	
5--		
6--		
7--		
8--		
9--		
10--		

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	98
3/8"	97
No. 4	97
No. 10	95
No. 16	93
No. 40	70
No. 50	55
No. 100	30
No. 200	13

Liquid Limit 14
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 72
 Cover Stabilometer Expansion Pressure _____
 Thickness 5.8
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-578-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 445 + 00 Route: US 95 SB
ALTAMIRANO, RIGSBY Location from CL (ft) Lt. 15' Rt. _____
 Sample No.: 64 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____

 Submitted By: ORLANDO ALTAMIRANO
 Title: _____

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	100
1--	Material	
2--		
3--	Silt	
4--	Sand	
5--		
6--		
7--		
8--		
9--		
10--		

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	97
No. 16	95
No. 40	82
No. 50	70
No. 100	33
No. 200	15

Liquid Limit 16
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 65
 Cover Stabilometer Expansion Pressure
 Thickness 8.0 _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-579-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 450 + 00 Route: US 95 NB
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 65 County: CHURCHILL

Sample Type: _____
 RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: ORLANDO ALTAMIRANO
 Title: _____

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	100
1--	Material	
2--	Silt, Sand	
3--		
4--	Clay	
5--		
6--		
7--		
8--		
9--		
10--		

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	97
No. 16	95
No. 40	91
No. 50	89
No. 100	81
No. 200	40

Liquid Limit 23
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 55
 Cover Stabilometer Expansion Pressure _____
 Thickness 11.2
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-580-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 455 + 00 Route: US 95 SB
ALTAMIRANO, RIGSBY Location from CL (ft) Lt. 15' Rt. _____
 Sample No.: 66 County: CHURCHILL

Sample Type: _____
 RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: ORLANDO ALTAMIRANO
 Title: _____

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	100
1--	Material	
2--		
3--	Silt	
4--	Sand	
5--		
6--		
7--		
8--		
9--		
10--		

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	98
No. 16	96
No. 40	77
No. 50	67
No. 100	41
No. 200	20

Liquid Limit 15
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 36
 Cover Stabilometer _____
 Thickness 17.3 Expansion Pressure _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-581-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 460 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 67 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: BOB WIMER
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	100
1--	Material	
2--		
3--	Silt	
4--	Sand	
5--		
6--		
7--		
8--		
9--		
10--		

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	100
No. 10	99
No. 16	97
No. 40	78
No. 50	67
No. 100	36
No. 200	10

Liquid Limit 18
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 74
 Cover Stabilometer Expansion Pressure _____
 Thickness 5.1
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-3

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-582-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 465 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 68 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: BOB WIMER
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	100
1--	Material	
2--		
3--	Silt	
4--	Sand	
5--		
6--		
7--		
8--		
9--		
10--		

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	99
No. 16	96
No. 40	71
No. 50	58
No. 100	30
No. 200	8

Liquid Limit 16
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 76
 Cover Stabilometer _____
 Thickness 4.5 Expansion Pressure _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-3

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-583-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 470 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 69 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0-- 1-- 2-- 3-- 4-- 5-- 6-- 7-- 8-- 9-- 10--	Contaminated Shoulder Material Silt Sand 	100

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	100
No. 10	99
No. 16	97
No. 40	78
No. 50	62
No. 100	30
No. 200	10

Liquid Limit	<u>17</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>75</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>4.8</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-3</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-584-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 475 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 70 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input checked="" type="checkbox"/> Fill Section <input type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--		2--
	3--	Silt	3--
	4--	Sand	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	100
3/8"	99
No. 4	98
No. 10	98
No. 16	97
No. 40	86
No. 50	77
No. 100	54
No. 200	19

Liquid Limit	<u>18</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>71</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>6.1</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-585-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 480 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 71 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0-- 1-- 2-- 3-- 4-- 5-- 6-- 7-- 8-- 9-- 10--	Contaminated Shoulder Material Silt Sand 	100

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	100
No. 10	99
No. 16	98
No. 40	80
No. 50	68
No. 100	40
No. 200	13

Liquid Limit	<u>18</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>75</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>4.8</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-586-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 485 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 72 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: BOB WIMER
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	100
1--	Material	
2--		
3--	Silt	
4--	Sand	
5--		
6--		
7--		
8--		
9--		
10--		

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	100
No. 10	99
No. 16	95
No. 40	56
No. 50	46
No. 100	24
No. 200	6

Liquid Limit: 16
 Plastic Index: NP
 Specific Gravity: _____
 Resistance Value: 78
 Cover: Stabilometer Expansion Pressure: _____
 Thickness: 3.8
 Sand Equivalent: _____
 Natural Moisture, %: _____
 Resistivity: _____
 pH Factor: _____
 AASHTO Classification: A-3

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-587-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 490 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 73 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0-- 1-- 2-- 3-- 4-- 5-- 6-- 7-- 8-- 9-- 10--	Contaminated Shoulder Material Silt Sand	100

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	100
No. 10	99
No. 16	96
No. 40	73
No. 50	63
No. 100	30
No. 200	7

Liquid Limit	<u>18</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>77</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>4.2</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-3</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-588-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 495 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. 15' Rt. _____
 Sample No.: 74 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: BOB WIMER
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	100
1--	Material	
2--		
3--	Silt	
4--	Sand	
5--		
6--		
7--		
8--		
9--		
10--		

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	100
No. 10	97
No. 16	94
No. 40	80
No. 50	70
No. 100	41
No. 200	16

Liquid Limit 17
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 63
 Cover Stabilometer _____
 Thickness 8.7 Expansion Pressure _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-589-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 500 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 75 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: BOB WIMER
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	100
1--	Material	
2--		
3--	Silt	
4--	Sand	
5--		
6--		
7--		
8--		
9--		
10--		

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	98
No. 16	95
No. 40	80
No. 50	68
No. 100	40
No. 200	17

Liquid Limit 19
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 69
 Cover Stabilometer Expansion Pressure _____
 Thickness 6.7
 Sand Equivalentt _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-590-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 505 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft) Lt. 15' Rt. _____
 Sample No.: 76 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--		2--
	3--	Silt	3--
	4--	Sand	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	100
3/4"	95
1/2"	93
3/8"	93
No. 4	92
No. 10	90
No. 16	84
No. 40	63
No. 50	53
No. 100	29
No. 200	11

Liquid Limit	<u>16</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>73</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>5.4</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-591-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 510 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 77 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: BOB WIMER
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	100
1--	Material	
2--		
3--	Silt	
4--	Sand	
5--		
6--		
7--		
8--		
9--		
10--		

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	100
3/8"	98
No. 4	97
No. 10	94
No. 16	91
No. 40	76
No. 50	62
No. 100	29
No. 200	13

Liquid Limit 15
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 70
 Cover Stabilometer _____
 Thickness 6.4 Expansion Pressure _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-592-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 515 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft) Lt. 15' Rt. _____
 Sample No.: 78 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: BOB WIMER
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	100
1--	Material	
2--		
3--	Silt	
4--	Sand	
5--		
6--		
7--		
8--		
9--		
10--		

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	98
No. 16	96
No. 40	88
No. 50	80
No. 100	35
No. 200	7

Liquid Limit 17
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 76
 Cover Stabilometer _____
 Thickness 4.5 Expansion Pressure _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-3

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-593-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 520 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft) Lt. _____ Rt. 15'
 Sample No.: 79 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: BOB WIMER
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	0-- 100
1--	Material	1--
2--		2--
3--	Silt	3--
4--	Sand	4--
5--		5--
6--		6--
7--		7--
8--		8--
9--		9--
10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	98
No. 16	96
No. 40	89
No. 50	74
No. 100	40
No. 200	7

Liquid Limit 17
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 75
 Cover Stabilometer _____
 Thickness 4.8 Expansion Pressure _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-3

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-594-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 525 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. 15' Rt. _____
 Sample No.: 80 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0-- 1-- 2-- 3-- 4-- 5-- 6-- 7-- 8-- 9-- 10--	Contaminated Shoulder Material Silt Sand	100

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	100
3/8"	99
No. 4	98
No. 10	94
No. 16	90
No. 40	69
No. 50	58
No. 100	29
No. 200	8

Liquid Limit	<u>17</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>74</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>5.1</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-3</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-595-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 530 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 81 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--	Contaminated Shoulder	0-- 100
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	1--	Material	1--
Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/>	2--		2--
Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/>	3--	Silt	3--
Gravel Depth (in) <u>12"</u> Oil Depth (in) _____	4--	Sand	4--
Remarks: _____	5--		5--
	6--		6--
	7--		7--
	8--		8--
Submitted By: <u>BOB WIMER</u>	9--		9--
Title: <u>ENG TECH III</u>	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	98
No. 10	95
No. 16	91
No. 40	74
No. 50	63
No. 100	35
No. 200	11

Liquid Limit	<u>17</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>71</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>6.1</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-596-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 535 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. 15' Rt. _____
 Sample No.: 82 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--		2--
	3--	Silt	3--
	4--	Sand	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	100
No. 10	99
No. 16	98
No. 40	89
No. 50	78
No. 100	36
No. 200	12

Liquid Limit	<u>18</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>70</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>6.4</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-597-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 540 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 83 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--		2--
	3--	Silt	3--
	4--	Sand	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	100
No. 10	99
No. 16	98
No. 40	85
No. 50	73
No. 100	35
No. 200	12

Liquid Limit	<u>16</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>71</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>6.1</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-598-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 545 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft) Lt. 15' Rt. _____
 Sample No.: 84 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--	Contaminated Shoulder	0-- 100
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	1--	Material	1--
Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/>	2--		2--
Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/>	3--	Silt	3--
Gravel Depth (in) <u>12"</u> Oil Depth (in) _____	4--	Sand	4--
Remarks: _____	5--		5--
	6--		6--
	7--		7--
	8--		8--
Submitted By: <u>BOB WIMER</u>	9--		9--
Title: <u>ENG TECH III</u>	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	98
No. 10	96
No. 16	93
No. 40	81
No. 50	71
No. 100	44
No. 200	25

Liquid Limit	<u>17</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>70</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>6.4</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-599-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/25/12
 Samplers: BAKER, WIMER Station: "P" 550 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft) Lt. _____ Rt. 15'
 Sample No.: 85 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: BOB WIMER
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	100
1--	Material	
2--		
3--	Silt	
4--	Sand	
5--		
6--		
7--		
8--		
9--		
10--		

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	100
No. 10	99
No. 16	98
No. 40	85
No. 50	71
No. 100	37
No. 200	14

Liquid Limit 15
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 69
 Cover Stabilometer _____
 Thickness 6.7 Expansion Pressure _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-600-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 555 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft) Lt. 15' Rt. _____
 Sample No.: 86 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--	Contaminated Shoulder	100
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	1--	Material	1--
Cut Section <input type="checkbox"/> Fill Section <input type="checkbox"/> Grade	2--		2--
Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/>	3--	Siltie	3--
Gravel Depth (in) <u>12"</u> Oil Depth (in) _____	4--	Clay	4--
Remarks: _____	5--		5--
_____	6--		6--
_____	7--		7--
Submitted By: <u>BOB WIMER</u>	8--		8--
Title: <u>ENG TECH III</u>	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	100
3/8"	99
No. 4	94
No. 10	88
No. 16	84
No. 40	75
No. 50	72
No. 100	67
No. 200	61

Liquid Limit	<u>61</u>	
Plastic Index	<u>41</u>	
Specific Gravity	_____	
Resistance Value	<u>25</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>20.8</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-7-6(22)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-601-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 560 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft) Lt. _____ Rt. 15'
 Sample No.: 87 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section Grade _____
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: BOB WIMER
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	0--
1--	Material	1--
2--	Clayey	2--
3--	Silt	3--
4--	Sand	4--
5--		5--
6--		6--
7--		7--
8--		8--
9--		9--
10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	98
3/8"	98
No. 4	97
No. 10	96
No. 16	95
No. 40	94
No. 50	93
No. 100	87
No. 200	31

Liquid Limit 21
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 68
 Cover Stabilometer Expansion Pressure _____
 Thickness 7.0
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-602-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 565 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft) Lt. 15' Rt. _____
 Sample No.: 88 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input checked="" type="checkbox"/> Fill Section <input type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Clay	2--
	3--	Silt	3--
	4--	Sand	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	100
3/8"	99
No. 4	99
No. 10	96
No. 16	93
No. 40	83
No. 50	78
No. 100	55
No. 200	35

Liquid Limit	<u>18</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>57</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>10.6</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-603-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 570 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft) Lt. _____ Rt. 15'
 Sample No.: 89 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: BOB WIMER
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	0--
1--	Material	1--
2--		2--
3--	Silt	3--
4--	Sand	4--
5--		5--
6--		6--
7--		7--
8--		8--
9--		9--
10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	100
No. 10	99
No. 16	97
No. 40	81
No. 50	69
No. 100	36
No. 200	13

Liquid Limit 17
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 71
 Cover Stabilometer Expansion Pressure _____
 Thickness 6.1
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-607-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 575 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft) Lt. 15' Rt. _____
 Sample No.: 90 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: BOB WIMER
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	0--
1--	Material	1--
2--		2--
3--	Silt	3--
4--	Sand	4--
5--		5--
6--		6--
7--		7--
8--		8--
9--		9--
10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	98
No. 16	96
No. 40	81
No. 50	68
No. 100	33
No. 200	11

Liquid Limit 17
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 69
 Cover Stabilometer _____
 Thickness 6.7 Expansion Pressure _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-608-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 580 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 91 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--	Contaminated Shoulder	0-- 100
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	1--	Material	1--
Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/>	2--	Silt	2--
Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/>	3--	Sand	3--
Gravel Depth (in) <u>12"</u> Oil Depth (in) _____	4--	Light Clay	4--
Remarks: _____	5--		5--
	6--		6--
	7--		7--
	8--		8--
Submitted By: <u>BOB WIMER</u>	9--		9--
Title: <u>ENG TECH III</u>	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	97
No. 16	95
No. 40	82
No. 50	74
No. 100	48
No. 200	30

Liquid Limit	<u>16</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>10</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>25.6</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-609-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 585 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft) Lt. 15' Rt. _____
 Sample No.: 92 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--	Contaminated Shoulder	0-- 100
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	1--	Material	1--
Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/>	2--	Silt, Sand	2--
Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/>	3--	Light Clay	3--
Gravel Depth (in) <u>12"</u> Oil Depth (in) _____	4--	Light Gravel	4--
Remarks: _____	5--		5--
	6--		6--
	7--		7--
	8--		8--
Submitted By: <u>BOB WIMER</u>	9--		9--
Title: <u>ENG TECH III</u>	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	100
3/8"	99
No. 4	96
No. 10	92
No. 16	87
No. 40	71
No. 50	62
No. 100	36
No. 200	22

Liquid Limit	<u>16</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>64</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>8.3</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-610-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 590 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft) Lt. _____ Rt. 15'
 Sample No.: 93 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: BOB WIMER
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	100
1--	Material	
2--		
3--	Silt	
4--	Sand	
5--		
6--		
7--		
8--		
9--		
10--		

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	100
No. 10	99
No. 16	98
No. 40	73
No. 50	61
No. 100	30
No. 200	10

Liquid Limit 16
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 71
 Cover Stabilometer Expansion Pressure _____
 Thickness 6.1
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-3

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-611-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 595 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 94 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0-- 1-- 2-- 3-- 4-- 5-- 6-- 7-- 8-- 9-- 10--	Contaminated Shoulder Material Silt Sand	100 1-- 2-- 3-- 4-- 5-- 6-- 7-- 8-- 9-- 10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	98
No. 16	97
No. 40	82
No. 50	70
No. 100	32
No. 200	6

Liquid Limit	<u>20</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>75</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>4.8</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-3</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-612-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 600 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 95 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--	Contaminated Shoulder	0-- 100
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	1--	Material	1--
Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/>	2--		2--
Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/>	3--	Silt	3--
Gravel Depth (in) <u>12"</u> Oil Depth (in) _____	4--	Sand	4--
Remarks: _____	5--		5--
	6--		6--
	7--		7--
	8--		8--
Submitted By: <u>BOB WIMER</u>	9--		9--
Title: <u>ENG TECH III</u>	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	97
No. 16	95
No. 40	76
No. 50	64
No. 100	31
No. 200	9

Liquid Limit	<u>16</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>75</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>4.8</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-3</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-613-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 605 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. 15' Rt. _____
 Sample No.: 96 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--		2--
	3--	Silt	3--
	4--	Sand	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	97
No. 16	96
No. 40	87
No. 50	76
No. 100	35
No. 200	10

Liquid Limit	<u>16</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>75</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>4.8</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-3</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-614-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 610 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 97 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--		2--
	3--	Silt	3--
	4--	Sand	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	98
No. 16	95
No. 40	77
No. 50	64
No. 100	27
No. 200	7

Liquid Limit	<u>18</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>77</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>4.2</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-3</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-615-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 615 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 98 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input type="checkbox"/> Grade _____ Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt	2--
	3--	Sand	3--
	4--	Light Gravel	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	98
No. 10	92
No. 16	89
No. 40	74
No. 50	60
No. 100	18
No. 200	5

Liquid Limit	<u>19</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>78</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>3.8</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-3</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-616-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 620 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 99 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input checked="" type="checkbox"/> Fill Section <input type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: <u>Cut on right side of Roadway.</u>	0-- 1-- 2-- 3-- 4-- 5-- 6-- 7-- 8-- 9-- 10--	Contaminated Shoulder Material Silt Sand	100 2-- 3-- 4-- 5-- 6-- 7-- 8-- 9-- 10--
Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>			

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	97
No. 10	93
No. 16	91
No. 40	78
No. 50	70
No. 100	33
No. 200	8

Liquid Limit	<u>21</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>78</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>3.8</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-3</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-617-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 625 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. 15' Rt. _____
 Sample No.: 100 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--	Contaminated Shoulder	0--
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	1--	Material	1--
Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/>	2--	Silt	2--
Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/>	3--	Sand	3--
Gravel Depth (in) <u>12"</u> Oil Depth (in) _____	4--	Light Gravel	4--
Remarks: _____	5--		5--
	6--		6--
	7--		7--
	8--		8--
Submitted By: <u>BOB WIMER</u>	9--		9--
Title: <u>ENG TECH III</u>	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	96
No. 10	93
No. 16	91
No. 40	77
No. 50	66
No. 100	29
No. 200	6

Liquid Limit	<u>20</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>75</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>4.8</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-3</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-618-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 630 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 101 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt	2--
	3--	Sand	3--
	4--	Very Light Gravel	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	98
No. 10	95
No. 16	92
No. 40	71
No. 50	60
No. 100	28
No. 200	9

Liquid Limit	<u>19</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>78</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>3.8</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-3</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-619-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 635 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. 15' Rt. _____
 Sample No.: 102 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: BOB WIMER
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	0--
1--	Material	1--
2--	Silt	2--
3--	Sand	3--
4--	Light Gravel	4--
5--		5--
6--		6--
7--		7--
8--		8--
9--		9--
10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	98
No. 10	94
No. 16	91
No. 40	72
No. 50	61
No. 100	33
No. 200	12

Liquid Limit 16
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 74
 Cover Stabilometer _____
 Thickness 5.1 Expansion Pressure _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-620-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 640 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft) Lt. Rt. 15'
 Sample No.: 103 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt	2--
	3--	Sand	3--
	4--	Light Gravel	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	99
3/8"	97
No. 4	93
No. 10	84
No. 16	77
No. 40	56
No. 50	45
No. 100	25
No. 200	11

Liquid Limit	<u>15</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>76</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>4.5</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-621-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 645 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. 15' Rt. _____
 Sample No.: 104 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--	Contaminated Shoulder	0-- 100
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	1--	Material	1--
Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/>	2--	Silt	2--
Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/>	3--	Sand	3--
Gravel Depth (in) <u>12"</u> Oil Depth (in) _____	4--	Light Gravel	4--
Remarks: _____	5--		5--
	6--		6--
	7--		7--
	8--		8--
Submitted By: <u>BOB WIMER</u>	9--		9--
Title: <u>ENG TECH III</u>	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	95
3/8"	94
No. 4	90
No. 10	83
No. 16	79
No. 40	60
No. 50	48
No. 100	28
No. 200	13

Liquid Limit	<u>15</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>76</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>4.5</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-622-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 650 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 105 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input checked="" type="checkbox"/> Fill Section <input type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0-- 1-- 2-- 3-- 4-- 5-- 6-- 7-- 8-- 9-- 10--	Contaminated Shoulder Material Silt Sand Light Gravel	100 1-- 2-- 3-- 4-- 5-- 6-- 7-- 8-- 9-- 10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	98
3/8"	98
No. 4	98
No. 10	97
No. 16	94
No. 40	79
No. 50	58
No. 100	25
No. 200	8

Liquid Limit	<u>20</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>75</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>4.8</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-3</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-623-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 655 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft) Lt. 15' Rt. _____
 Sample No.: 106 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0-- 1-- 2-- 3-- 4-- 5-- 6-- 7-- 8-- 9-- 10--	Contaminated Shoulder Material Silt Sand Light Gravel	100

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	97
No. 16	96
No. 40	62
No. 50	40
No. 100	19
No. 200	11

Liquid Limit	<u>17</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>78</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>3.8</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-624-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 660 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 107 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0-- 1-- 2-- 3-- 4-- 5-- 6-- 7-- 8-- 9-- 10--	Contaminated Shoulder Material Silt Sand Light Gravel	100 1 2 3 4 5 6 7 8 9 10

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	96
No. 10	89
No. 16	84
No. 40	69
No. 50	60
No. 100	38
No. 200	21

Liquid Limit	<u>16</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>68</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>7.0</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-625-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd 9/27/12
 Samplers: BAKER, WIMER Station "P" 665 + 00 Route US 95
ALTAMIRANO, RIGSBY Location from CL (ft) Lt. 15' Rt. _____
 Sample No.: 108 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--	Contaminated Shoulder	100
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	1--	Material	1
Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/>	2--	Silt	2--
Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/>	3--	Sand	3--
Gravel Depth (in) <u>12"</u> Oil Depth (in) _____	4--	Light Gravel	4--
Remarks: _____	5--		5
_____	6--		6--
_____	7--		7--
Submitted By: <u>BOB WIMER</u>	8--		8--
Title: <u>ENG TECH III</u>	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	98
3/8"	97
No. 4	94
No. 10	88
No. 16	82
No. 40	63
No. 50	54
No. 100	37
No. 200	24

Liquid Limit	<u>16</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>66</u>	
Cover	<u>7.7</u>	Expansion Pressure
Thickness	_____	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-626-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 670 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 109 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--	Contaminated Shoulder	0-- 100
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	1--	Material	1--
Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/>	2--	Silt	2--
Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/>	3--	Sand	3--
Gravel Depth (in) <u>12"</u> Oil Depth (in) _____	4--	Light Gravel	4--
Remarks: _____	5--		5--
	6--		6--
	7--		7--
	8--		8--
Submitted By: <u>BOB WIMER</u>	9--		9--
Title: <u>ENG TECH III</u>	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	100
1"	92
3/4"	91
1/2"	90
3/8"	86
No. 4	77
No. 10	68
No. 16	61
No. 40	44
No. 50	37
No. 100	23
No. 200	11

Liquid Limit	<u>16</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>75</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>4.8</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-1-b</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-627-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 675 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 110 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt	2--
	3--	Sand	3--
	4--	Light Gravel	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	99
3/8"	96
No. 4	88
No. 10	74
No. 16	63
No. 40	35
No. 50	26
No. 100	14
No. 200	8

Liquid Limit	<u>16</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>77</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>4.2</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-1-b</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-628-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 680 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft) Lt. _____ Rt. 15'
 Sample No.: 111 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt	2--
	3--	Sand	3--
	4--	Light Gravel	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	95
3/8"	92
No. 4	86
No. 10	73
No. 16	63
No. 40	43
No. 50	35
No. 100	22
No. 200	12

Liquid Limit	<u>16</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>77</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>4.2</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-1-b</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-629-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 685 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 112 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt	2--
	3--	Sand	3--
	4--	Light Gravel	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	98
3/8"	98
No. 4	97
No. 10	94
No. 16	91
No. 40	71
No. 50	59
No. 100	34
No. 200	14

Liquid Limit	<u>18</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>76</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>4.5</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-630-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 690 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 113 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: BOB WIMER
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	0--
1--	Material	1--
2--	Silt	2--
3--	Sand	3--
4--	Light Gravel	4--
5--		5--
6--		6--
7--		7--
8--		8--
9--		9--
10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	97
No. 16	94
No. 40	71
No. 50	61
No. 100	34
No. 200	12

Liquid Limit 19
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 76
 Cover Stabilometer _____
 Thickness 4.5 Expansion Pressure _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-631-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 695 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 114 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: BOB WIMER
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	0--
1--	Material	1--
2--	Silt	2--
3--	Sand	3--
4--	Light Gravel	4--
5--		5--
6--		6--
7--		7--
8--		8--
9--		9--
10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	99
3/8"	98
No. 4	96
No. 10	91
No. 16	85
No. 40	63
No. 50	53
No. 100	36
No. 200	24

Liquid Limit 15
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 75
 Cover Stabilometer Expansion Pressure _____
 Thickness 4.8
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-632-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 700 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 115 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--	Contaminated Shoulder	0-- 100
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	1--	Material	1--
Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/>	2--	Silt, Sand	2--
Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/>	3--	Light Gravel	3--
Gravel Depth (in) <u>12"</u> Oil Depth (in) _____	4--	Light Clay	4--
Remarks: _____	5--		5--
	6--		6--
	7--		7--
	8--		8--
Submitted By: <u>BOB WIMER</u>	9--		9--
Title: <u>ENG TECH III</u>	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	100
3/8"	99
No. 4	98
No. 10	93
No. 16	88
No. 40	70
No. 50	63
No. 100	48
No. 200	33

Liquid Limit	<u>15</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>36</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>17.3</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-633-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 705 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 116 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: BOB WIMER
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	0--
1--	Material	1--
2--	Silt, Sand	2--
3--	Light Gravel	3--
4--	Light Clay	4--
5--		5--
6--		6--
7--		7--
8--		8--
9--		9--
10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	100
3/8"	99
No. 4	98
No. 10	92
No. 16	87
No. 40	69
No. 50	61
No. 100	45
No. 200	29

Liquid Limit 19
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 76
 Cover Stabilometer _____
 Thickness 4.5 Expansion Pressure _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-634-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 710 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 117 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--	Contaminated Shoulder	0-- 100
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	1--	Material	1--
Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/>	2--	Silt, Sand	2--
Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/>	3--	Light Gravel	3--
Gravel Depth (in) <u>12"</u> Oil Depth (in) _____	4--	Clay	4--
Remarks: _____	5--		5--
	6--		6--
	7--		7--
	8--		8--
Submitted By: <u>BOB WIMER</u>	9--		9--
Title: <u>ENG TECH III</u>	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	99
3/8"	99
No. 4	97
No. 10	89
No. 16	82
No. 40	63
No. 50	55
No. 100	38
No. 200	23

Liquid Limit	<u>16</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>78</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>3.8</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-635-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 715 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 118 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt, Sand	2--
	3--	Light Gravel	3--
	4--	Clay	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	99
3/8"	99
No. 4	96
No. 10	89
No. 16	83
No. 40	59
No. 50	50
No. 100	33
No. 200	20

Liquid Limit	<u>16</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>76</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>4.5</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-636-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 720 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 119 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt, Sand	2--
	3--	Light Gravel	3--
	4--	Clay	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	100
3/8"	99
No. 4	96
No. 10	90
No. 16	84
No. 40	67
No. 50	60
No. 100	44
No. 200	30

Liquid Limit 17
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 63
 Cover Stabilometer Expansion Pressure _____
 Thickness 8.7
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-637-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 725 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. 15' Rt. _____
 Sample No.: 120 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: BOB WIMER
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	100
1--	Material	
2--	Silt, Sand	
3--	Light Gravel	
4--	Light Clay	
5--		
6--		
7--		
8--		
9--		
10--		

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	99
3/8"	99
No. 4	97
No. 10	92
No. 16	87
No. 40	63
No. 50	55
No. 100	39
No. 200	24

Liquid Limit 15
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 47
 Cover Stabilometer _____
 Thickness 13.8 Expansion Pressure _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-638-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 730 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft) Lt. _____ Rt. 15'
 Sample No.: 121 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--	Contaminated Shoulder	0-- 100
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	1--	Material	1--
Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/>	2--	Silt,Sand,Light Gravel	2--
Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/>	3--	-----	3--
Gravel Depth (in) <u>12"</u> Oil Depth (in) _____	4--	Clay	4--
Remarks: <u>Clay is most likely O.G.</u>	5--	-----	5--
	6--	-----	6--
	7--	-----	7--
	8--	-----	8--
Submitted By: <u>BOB WIMER</u>	9--	-----	9--
Title: <u>ENG TECH III</u>	10--	-----	10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	99
3/8"	99
No. 4	96
No. 10	92
No. 16	88
No. 40	63
No. 50	53
No. 100	28
No. 200	19

Liquid Limit	<u>18</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>68</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>7.0</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-639-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 735 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. 15' Rt. _____
 Sample No.: 122 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--	Contaminated Shoulder	0-- 100
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	1--	Material	1--
Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/>	2--	Silt, Sand	2--
Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/>	3--	Light Gravel	3--
Gravel Depth (in) <u>12"</u> Oil Depth (in) _____	4--	Clay	4--
Remarks: _____	5--		5--
	6--		6--
	7--		7--
	8--		8--
Submitted By: <u>BOB WIMER</u>	9--		9--
Title: <u>ENG TECH III</u>	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	100
1"	94
3/4"	94
1/2"	92
3/8"	91
No. 4	90
No. 10	87
No. 16	83
No. 40	59
No. 50	50
No. 100	31
No. 200	16

Liquid Limit	<u>17</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>42</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>15.4</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-640-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 740 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 123 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0-- 1-- 2-- 3-- 4-- 5-- 6-- 7-- 8-- 9-- 10--	Contaminated Shoulder Material Silt Sand Light Gravel	0-- 1 2-- 3-- 4-- 5 6-- 7-- 8-- 9-- 10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	98
No. 10	95
No. 16	93
No. 40	70
No. 50	59
No. 100	36
No. 200	17

Liquid Limit	<u>16</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>74</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>5.1</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-641-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 745 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft) Lt. 15' Rt. _____
 Sample No.: 124 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt, Sand	2--
	3--	Gravel	3--
	4--	Light Clay	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	99
3/8"	98
No. 4	95
No. 10	92
No. 16	89
No. 40	64
No. 50	53
No. 100	33
No. 200	18

Liquid Limit	<u>17</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>69</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>6.7</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-642-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 750 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft) Lt. _____ Rt. 15'
 Sample No.: 125 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--	Contaminated Shoulder	0-- 100
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	1--	Material	1--
Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/>	2--	Silt	2--
Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/>	3--	Sand	3--
Gravel Depth (in) <u>12"</u> Oil Depth (in) _____	4--	Light Gravel	4--
Remarks: _____	5--		5--
	6--		6--
	7--		7--
	8--		8--
Submitted By: <u>BOB WIMER</u>	9--		9--
Title: <u>ENG TECH III</u>	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	99
3/8"	99
No. 4	97
No. 10	96
No. 16	93
No. 40	58
No. 50	46
No. 100	24
No. 200	8

Liquid Limit	<u>18</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>75</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>4.8</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-3</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-643-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 755 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. 15' Rt. _____
 Sample No.: 126 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt, Sand	2--
	3--	Light Gravel	3--
	4--	Clay	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	100
3/8"	99
No. 4	98
No. 10	95
No. 16	90
No. 40	60
No. 50	51
No. 100	35
No. 200	21

Liquid Limit 15
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 74
 Cover Stabilometer Expansion Pressure _____
 Thickness 5.1
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-644-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 760 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft) Lt. _____ Rt. 15'
 Sample No.: 127 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: Clay is most likely at O.G.
 Submitted By: BOB WIMER
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	100
1--	Material	
2--	Silt,Sand,Light Gravel	
3--	-----	
4--	Clay	
5--		
6--		
7--		
8--		
9--		
10--		

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	97
3/8"	97
No. 4	96
No. 10	93
No. 16	87
No. 40	61
No. 50	52
No. 100	35
No. 200	20

Liquid Limit 16
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 58
 Cover Stabilometer _____
 Thickness 10.3 Expansion Pressure _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-645-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 765 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. 15' Rt. _____
 Sample No.: 128 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: Clay is most likely at O.G.
 Submitted By: BOB WIMER
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	0--
1--	Material	1--
2--	Silt, Sand, Light Gravel	2--
3--		3--
4--	Clay	4--
5--		5--
6--		6--
7--		7--
8--		8--
9--		9--
10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	97
No. 16	94
No. 40	76
No. 50	67
No. 100	49
No. 200	33

Liquid Limit 16
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 58
 Cover Stabilometer _____
 Thickness 10.3 Expansion Pressure _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-646-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 770 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 129 County: CHURCHILL

Sample Type: _____
 RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: Clay is most likely at O.G.
 Submitted By: BOB WIMER
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	0-- 100
1--	Material	1--
2--	Silt, Sand, Light Gravel	2--
3--		3--
4--	Clay	4--
5--		5--
6--		6--
7--		7--
8--		8--
9--		9--
10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	99
3/8"	98
No. 4	97
No. 10	93
No. 16	89
No. 40	72
No. 50	64
No. 100	47
No. 200	31

Liquid Limit 17
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 58
 Cover Stabilometer Expansion Pressure _____
 Thickness 10.3
 Sand Equivalentt _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-647-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 775 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. 15' Rt. _____
 Sample No.: 130 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: <u>Clay is most likely at O.G.</u>	0-- 1-- 2-- 3-- 4-- 5-- 6-- 7-- 8-- 9-- 10--	Contaminated Shoulder Material Silt, Sand Light Gravel Clay 	100 1-- 2-- 3-- 4-- 5-- 6-- 7-- 8-- 9-- 10--

Submitted By: BOB WIMER
 Title: ENG TECH III

Sieve Size	% Passing
3"	
2"	
1.5"	100
1"	99
3/4"	99
1/2"	98
3/8"	98
No. 4	97
No. 10	95
No. 16	92
No. 40	71
No. 50	61
No. 100	39
No. 200	17

Liquid Limit	<u>18</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>62</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>9.0</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-650-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 780 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 131 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--		2--
	3--	Silt	3--
	4--	Sand	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	100
3/8"	99
No. 4	99
No. 10	97
No. 16	94
No. 40	70
No. 50	59
No. 100	34
No. 200	12

Liquid Limit	<u>18</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>76</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>4.5</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-651-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 785 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. 15' Rt. _____
 Sample No.: 132 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt	2--
	3--	Sand	3--
	4--	Clay	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	99
3/8"	99
No. 4	97
No. 10	95
No. 16	89
No. 40	63
No. 50	54
No. 100	33
No. 200	15

Liquid Limit	<u>16</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>73</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>5.4</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-652-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 790 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 133 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: Clay is most likely at O.G.
 Submitted By: BOB WIMER
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	0--
1--	Material	1--
2--	Silt	2--
3--	Sand	3--
4--		4--
5--	Clay	5--
6--		6--
7--		7--
8--		8--
9--		9--
10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	99
3/8"	98
No. 4	97
No. 10	96
No. 16	93
No. 40	67
No. 50	55
No. 100	31
No. 200	10

Liquid Limit 18
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 76
 Cover Stabilometer Expansion Pressure _____
 Thickness 4.5
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-3

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-653-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 795 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. 15' Rt. _____
 Sample No.: 134 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--		2--
	3--	Silt	3--
	4--	Sand	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	100
3/4"	98
1/2"	98
3/8"	97
No. 4	97
No. 10	95
No. 16	92
No. 40	67
No. 50	57
No. 100	34
No. 200	14

Liquid Limit	<u>17</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>71</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>6.1</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-654-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 800 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 135 County: CHURCHILL

Sample Type	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: <u>Clay is most likely at O.G.</u>	0-- 1-- 2-- 3-- 4-- 5-- 6-- 7-- 8-- 9-- 10--	Contaminated Shoulder Material Silt Sand Clay 	100
Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>			

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	98
No. 10	96
No. 16	89
No. 40	72
No. 50	66
No. 100	45
No. 200	23

Liquid Limit	<u>16</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>43</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>15.1</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-655-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 805 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. 15' Rt. _____
 Sample No.: 136 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: Clay is most likely at O.G.
 Submitted By: BOB WIMER
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	100
1--	Material	
2--	Silt, Sand	
3--	Gravel	
4--	-----	
5--	Clay	
6--		
7--		
8--		
9--		
10--		

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	99
3/8"	97
No. 4	93
No. 10	86
No. 16	79
No. 40	53
No. 50	45
No. 100	29
No. 200	12

Liquid Limit 16
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 76
 Cover Stabilometer
 Thickness 4.5 Expansion Pressure _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-656-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 810 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 137 County: CHURCHILL

Sample Type: _____
 RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____

 Submitted By: BOB WIMER
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	0-- 100
1--	Material	1--
2--	Silt, Sand, Light Gravel	2--
3--	Silt, Sand, Clay	3--
4--		4--
5--	Silt, Sand	5--
6--		6--
7--		7--
8--		8--
9--		9--
10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	97
3/8"	96
No. 4	90
No. 10	85
No. 16	80
No. 40	64
No. 50	55
No. 100	34
No. 200	17

Liquid Limit 16
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 59
 Cover Stabilometer Expansion Pressure _____
 Thickness 9.9
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-657-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 815 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 138 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt, Sand	2--
	3--	Saturated Soil, Silt	3--
	4--	Sand, Light Clay	4--
	5--	Silt, Sand	5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	98
3/8"	97
No. 4	94
No. 10	91
No. 16	86
No. 40	66
No. 50	57
No. 100	36
No. 200	15

Liquid Limit	<u>16</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>63</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>8.7</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-659-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 825 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. 15' Rt. _____
 Sample No.: 140 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: BOB WIMER
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	100
1--	Material	
2--	Silt, Sand, Light Gravel	
3--	Clay	
4--	Silt, Sand	
5--		
6--		
7--		
8--		
9--		
10--		

Sieve Size	% Passing
3"	
2"	
1.5"	100
1"	98
3/4"	96
1/2"	96
3/8"	95
No. 4	91
No. 10	87
No. 16	85
No. 40	74
No. 50	66
No. 100	43
No. 200	20

Liquid Limit 17
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 61
 Cover Stabilometer Expansion Pressure _____
 Thickness 9.3
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-661-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 835 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 142 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: BOB WIMER
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	0-- 100
1--	Material	1--
2--		2--
3--	Silt	3--
4--	Sand	4--
5--		5--
6--		6--
7--		7--
8--		8--
9--		9--
10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	99
3/8"	99
No. 4	99
No. 10	98
No. 16	96
No. 40	86
No. 50	78
No. 100	55
No. 200	17

Liquid Limit 19
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 71
 Cover Stabilometer _____
 Thickness 6.1 Expansion Pressure _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-662-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 840 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft) Lt. _____ Rt. 15'
 Sample No.: 143 County: CHURCHILL

<p>Sample Type: <input checked="" type="checkbox"/> RV <input type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/></p> <p>Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/></p> <p>Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/></p> <p>Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/></p> <p>Gravel Depth (in) <u>12"</u> Oil Depth (in) _____</p> <p>Remarks: _____ _____ _____</p> <p>Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u></p>	<table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; border-right: 1px solid black;">Depth (ft)</th> <th style="text-align: left;">Boring Description</th> <th style="text-align: right;">PSI</th> </tr> </thead> <tbody> <tr> <td style="border-right: 1px solid black;">0--</td> <td>Contaminated Shoulder</td> <td style="text-align: right;">0--</td> </tr> <tr> <td style="border-right: 1px solid black;">1--</td> <td>Material</td> <td style="text-align: right;">1--</td> </tr> <tr> <td style="border-right: 1px solid black;">2--</td> <td></td> <td style="text-align: right;">2--</td> </tr> <tr> <td style="border-right: 1px solid black;">3--</td> <td>Silt</td> <td style="text-align: right;">3--</td> </tr> <tr> <td style="border-right: 1px solid black;">4--</td> <td>Sand</td> <td style="text-align: right;">4--</td> </tr> <tr> <td style="border-right: 1px solid black;">5--</td> <td></td> <td style="text-align: right;">5--</td> </tr> <tr> <td style="border-right: 1px solid black;">6--</td> <td></td> <td style="text-align: right;">6--</td> </tr> <tr> <td style="border-right: 1px solid black;">7--</td> <td></td> <td style="text-align: right;">7--</td> </tr> <tr> <td style="border-right: 1px solid black;">8--</td> <td></td> <td style="text-align: right;">8--</td> </tr> <tr> <td style="border-right: 1px solid black;">9--</td> <td></td> <td style="text-align: right;">9--</td> </tr> <tr> <td style="border-right: 1px solid black;">10--</td> <td></td> <td style="text-align: right;">10--</td> </tr> </tbody> </table>	Depth (ft)	Boring Description	PSI	0--	Contaminated Shoulder	0--	1--	Material	1--	2--		2--	3--	Silt	3--	4--	Sand	4--	5--		5--	6--		6--	7--		7--	8--		8--	9--		9--	10--		10--
Depth (ft)	Boring Description	PSI																																			
0--	Contaminated Shoulder	0--																																			
1--	Material	1--																																			
2--		2--																																			
3--	Silt	3--																																			
4--	Sand	4--																																			
5--		5--																																			
6--		6--																																			
7--		7--																																			
8--		8--																																			
9--		9--																																			
10--		10--																																			

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	100
No. 10	99
No. 16	98
No. 40	79
No. 50	67
No. 100	33
No. 200	7

Liquid Limit	<u>20</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>74</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>5.1</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-3</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-663-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 845 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 144 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--		2--
	3--	Silt	3--
	4--	Sand	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	100
3/4"	96
1/2"	95
3/8"	95
No. 4	92
No. 10	87
No. 16	83
No. 40	69
No. 50	61
No. 100	32
No. 200	11

Liquid Limit 17
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 74
 Cover Stabilometer Expansion Pressure _____
 Thickness 5.1
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-664-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 850 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft) Lt. _____ Rt. 15'
 Sample No.: 145 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: BOB WIMER
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	0--
1--	Material	1--
2--		2--
3--	Silt	3--
4--	Sand	4--
5--		5--
6--		6--
7--		7--
8--		8--
9--		9--
10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	96
3/8"	95
No. 4	91
No. 10	85
No. 16	82
No. 40	70
No. 50	63
No. 100	42
No. 200	17

Liquid Limit 17
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 65
 Cover Stabilometer _____
 Thickness 8.0 Expansion Pressure _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-665-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 855 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 146 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: BOB WIMER
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	0-- 100
1--	Material	1--
2--	Silt	2--
3--	Sand	3--
4--	Clay	4--
5--	Silt, Sand	5--
6--		6--
7--		7--
8--		8--
9--		9--
10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	100
3/4"	98
1/2"	94
3/8"	93
No. 4	89
No. 10	83
No. 16	79
No. 40	66
No. 50	58
No. 100	36
No. 200	13

Liquid Limit: 19
 Plastic Index: NP
 Specific Gravity: _____
 Resistance Value: 73
 Cover: Stabilometer Expansion Pressure: _____
 Thickness: 5.4
 Sand Equivalent: _____
 Natural Moisture, %: _____
 Resistivity: _____
 pH Factor: _____
 AASHTO Classification: A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-666-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 860 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 147 County: CHURCHILL

Sample Type: <input checked="" type="checkbox"/> RV <input type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	<table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left; border-right: 1px solid black;">Depth (ft)</th> <th style="text-align: left;">Boring Description</th> <th style="text-align: right;">PSI</th> </tr> <tr> <td style="border-right: 1px solid black;">0--</td> <td>Contaminated Shoulder</td> <td style="text-align: right;">0--</td> </tr> <tr> <td style="border-right: 1px solid black;">1--</td> <td>Material</td> <td style="text-align: right;">1--</td> </tr> <tr> <td style="border-right: 1px solid black;">2--</td> <td>Silt, Sand</td> <td style="text-align: right;">2--</td> </tr> <tr> <td style="border-right: 1px solid black;">3--</td> <td>Light Gravel</td> <td style="text-align: right;">3--</td> </tr> <tr> <td style="border-right: 1px solid black;">4--</td> <td>-----</td> <td style="text-align: right;">4--</td> </tr> <tr> <td style="border-right: 1px solid black;">5--</td> <td>Clay</td> <td style="text-align: right;">5--</td> </tr> <tr> <td style="border-right: 1px solid black;">6--</td> <td></td> <td style="text-align: right;">6--</td> </tr> <tr> <td style="border-right: 1px solid black;">7--</td> <td></td> <td style="text-align: right;">7--</td> </tr> <tr> <td style="border-right: 1px solid black;">8--</td> <td></td> <td style="text-align: right;">8--</td> </tr> <tr> <td style="border-right: 1px solid black;">9--</td> <td></td> <td style="text-align: right;">9--</td> </tr> <tr> <td style="border-right: 1px solid black;">10--</td> <td></td> <td style="text-align: right;">10--</td> </tr> </table>	Depth (ft)	Boring Description	PSI	0--	Contaminated Shoulder	0--	1--	Material	1--	2--	Silt, Sand	2--	3--	Light Gravel	3--	4--	-----	4--	5--	Clay	5--	6--		6--	7--		7--	8--		8--	9--		9--	10--		10--
Depth (ft)	Boring Description	PSI																																			
0--	Contaminated Shoulder	0--																																			
1--	Material	1--																																			
2--	Silt, Sand	2--																																			
3--	Light Gravel	3--																																			
4--	-----	4--																																			
5--	Clay	5--																																			
6--		6--																																			
7--		7--																																			
8--		8--																																			
9--		9--																																			
10--		10--																																			

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	93
3/8"	92
No. 4	88
No. 10	82
No. 16	78
No. 40	64
No. 50	55
No. 100	34
No. 200	13

Liquid Limit	<u>17</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>64</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>8.3</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-667-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 865 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 148 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt, Sand	2--
	3--	Light Clay	3--
	4--	Silt, Sand, Clay	4--
	5--	Silt, Sand	5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	99
3/8"	98
No. 4	94
No. 10	87
No. 16	82
No. 40	68
No. 50	58
No. 100	32
No. 200	13

Liquid Limit	<u>17</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>66</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>7.7</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-668-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 870 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft) Lt. _____ Rt. 15'
 Sample No.: 149 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0-- 1-- 2-- 3-- 4-- 5-- 6-- 7-- 8-- 9-- 10--	Contaminated Shoulder Material Silt, Sand Light Gravel Silt Clay Silt Clay 	100 1-- 2-- 3-- 4-- 5-- 6-- 7-- 8-- 9-- 10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	98
3/8"	97
No. 4	93
No. 10	86
No. 16	82
No. 40	65
No. 50	55
No. 100	35
No. 200	20

Liquid Limit	<u>14</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>51</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>12.5</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-669-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 9/27/12
 Samplers: BAKER, WIMER Station: "P" 875 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 150 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0-- 1-- 2-- 3-- 4-- 5-- 6-- 7-- 8-- 9-- 10--	Contaminated Shoulder Material Silt, Sand Light Gravel Clay Silt, Sand 	100 1 2-- 3-- 4-- 5 6-- 7-- 8-- 9-- 10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	100
3/4"	98
1/2"	96
3/8"	95
No. 4	91
No. 10	86
No. 16	82
No. 40	67
No. 50	55
No. 100	25
No. 200	11

Liquid Limit	<u>17</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>71</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>6.1</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-670-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/9/12
 Samplers: BAKER, WIMER Station: "P" 880 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft) Lt. _____ Rt. 15'
 Sample No.: 151 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0-- 1-- 2-- 3-- 4-- 5-- 6-- 7-- 8-- 9-- 10--	Contaminated Shoulder Material Silt, Sand Clay, Gravel ----- Silt, Sand	100

Sieve Size	% Passing
3"	
2"	
1.5"	100
1"	99
3/4"	99
1/2"	99
3/8"	99
No. 4	95
No. 10	88
No. 16	83
No. 40	71
No. 50	60
No. 100	32
No. 200	20

Liquid Limit	<u>15</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>27</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>20.2</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-671-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/9/12
 Samplers: BAKER, WIMER Station: "P" 885 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. 15' Rt. _____
 Sample No.: 152 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--	Contaminated Shoulder	100
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	1--	Material	1--
Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/>	2--	Silt	2--
Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/>	3--	Sand	3--
Gravel Depth (in) <u>12"</u> Oil Depth (in) _____	4--		4--
Remarks: _____	5--		5--
_____	6--		6--
_____	7--		7--
Submitted By: <u>BOB WIMER</u>	8--		8--
Title: <u>ENG TECH III</u>	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	99
3/8"	98
No. 4	97
No. 10	93
No. 16	91
No. 40	84
No. 50	73
No. 100	34
No. 200	8

Liquid Limit	<u>19</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>75</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>4.8</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-3</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-672-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/9/12
 Samplers: BAKER, WIMER Station: "P" 890 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 153 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt, Sand	2--
	3--	Gravel	3--
	4--	Light Clay	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	97
No. 10	94
No. 16	91
No. 40	75
No. 50	61
No. 100	30
No. 200	9

Liquid Limit	<u>19</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>76</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>4.5</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-3</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-673-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/9/12
 Samplers: BAKER, WIMER Station: "P" 895 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft) Lt. 15' Rt. _____
 Sample No.: 154 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt, Sand	2--
	3--	Light Gravel	3--
	4--		4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	99
3/8"	98
No. 4	97
No. 10	94
No. 16	91
No. 40	75
No. 50	63
No. 100	32
No. 200	8

Liquid Limit	<u>18</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>78</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>3.8</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-3</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-674-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/9/12
 Samplers: BAKER, WIMER Station: "P" 900 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 155 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--	Contaminated Shoulder	0-- 100
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	1--	Material	1--
Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/>	2--	Silt, Sand	2--
Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/>	3--	Very Light Gravel	3--
Gravel Depth (in) <u>12"</u> Oil Depth (in) _____	4--		4--
Remarks: _____	5--		5--
	6--		6--
	7--		7--
	8--		8--
Submitted By: <u>BOB WIMER</u>	9--		9--
Title: <u>ENG TECH III</u>	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	98
No. 10	95
No. 16	93
No. 40	80
No. 50	68
No. 100	33
No. 200	8

Liquid Limit	<u>19</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>77</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>4.2</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-3</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-675-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/9/12
 Samplers: BAKER, WIMER Station: "P" 905 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 156 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--	Contaminated Shoulder	0--
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	1--	Material	1--
Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/>	2--	Silt, Sand	2--
Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/>	3--	Very Light Gravel	3--
Gravel Depth (in) <u>12"</u> Oil Depth (in) _____	4--		4--
Remarks: _____	5--		5--
	6--		6--
	7--		7--
	8--		8--
Submitted By: <u>BOB WIMER</u>	9--		9--
Title: <u>ENG TECH III</u>	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	
No. 10	100
No. 16	99
No. 40	90
No. 50	80
No. 100	50
No. 200	14

Liquid Limit	<u>19</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>76</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>4.5</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-676-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/9/12
 Samplers: BAKER, WIMER Station: "P" 910 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 157 County: CHURCHILL

Sample Type: _____
 RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____

 Submitted By: BOB WIMER
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	100
1--	Material	
2--	Silt, Sand	
3--	Very Light Gravel	
4--		
5--		
6--		
7--		
8--		
9--		
10--		

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	100
3/4"	97
1/2"	96
3/8"	95
No. 4	94
No. 10	92
No. 16	90
No. 40	75
No. 50	62
No. 100	33
No. 200	10

Liquid Limit 18
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 75
 Cover Stabilometer _____
 Thickness 4.8 Expansion Pressure _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-3

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-677-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/9/12
 Samplers: BAKER, WIMER Station: "P" 915 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 158 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt, Sand	2--
	3--	Very Light Gravel	3--
	4--		4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	98
3/8"	97
No. 4	96
No. 10	93
No. 16	88
No. 40	70
No. 50	62
No. 100	42
No. 200	23

Liquid Limit	<u>15</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>57</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>10.6</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-678-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/9/12
 Samplers: BAKER, WIMER Station: "P" 920 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 159 County: CHURCHILL

<p>Sample Type: <input checked="" type="checkbox"/> RV <input type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/></p> <p>Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/></p> <p>Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/></p> <p>Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/></p> <p>Gravel Depth (in) <u>12"</u> Oil Depth (in) _____</p> <p>Remarks: _____</p> <p>Submitted By: <u>BOB WIMER</u></p> <p>Title: <u>ENG TECH III</u></p>	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 10%;">Depth (ft)</th> <th style="width: 80%;">Boring Description</th> <th style="width: 10%;">PSI</th> </tr> </thead> <tbody> <tr> <td>0--</td> <td>Contaminated Shoulder</td> <td>0--</td> </tr> <tr> <td>1--</td> <td>Material</td> <td>1--</td> </tr> <tr> <td>2--</td> <td>Silt, Sand</td> <td>2--</td> </tr> <tr> <td>3--</td> <td>Light Clay</td> <td>3--</td> </tr> <tr> <td>4--</td> <td>Very Light Gravel</td> <td>4--</td> </tr> <tr> <td>5--</td> <td></td> <td>5--</td> </tr> <tr> <td>6--</td> <td></td> <td>6--</td> </tr> <tr> <td>7--</td> <td></td> <td>7--</td> </tr> <tr> <td>8--</td> <td></td> <td>8--</td> </tr> <tr> <td>9--</td> <td></td> <td>9--</td> </tr> <tr> <td>10--</td> <td></td> <td>10--</td> </tr> </tbody> </table>	Depth (ft)	Boring Description	PSI	0--	Contaminated Shoulder	0--	1--	Material	1--	2--	Silt, Sand	2--	3--	Light Clay	3--	4--	Very Light Gravel	4--	5--		5--	6--		6--	7--		7--	8--		8--	9--		9--	10--		10--
Depth (ft)	Boring Description	PSI																																			
0--	Contaminated Shoulder	0--																																			
1--	Material	1--																																			
2--	Silt, Sand	2--																																			
3--	Light Clay	3--																																			
4--	Very Light Gravel	4--																																			
5--		5--																																			
6--		6--																																			
7--		7--																																			
8--		8--																																			
9--		9--																																			
10--		10--																																			

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	99
3/8"	98
No. 4	97
No. 10	94
No. 16	91
No. 40	77
No. 50	67
No. 100	39
No. 200	13

Liquid Limit	<u>18</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>75</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>4.8</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-679-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/9/12
 Samplers: BAKER, WIMER Station: "P" 925 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 160 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt, Sand	2--
	3--	Light Gravel	3--
	4--		4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	100
3/8"	98
No. 4	97
No. 10	96
No. 16	95
No. 40	83
No. 50	67
No. 100	32
No. 200	12

Liquid Limit	<u>17</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>75</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>4.8</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-680-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/9/12
 Samplers: BAKER, WIMER Station: "P" 930 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 161 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: BOB WIMER
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	0--
1--	Material	1--
2--	Silt, Sand	2--
3--	Very Light Gravel	3--
4--		4--
5--		5--
6--		6--
7--		7--
8--		8--
9--		9--
10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	100
3/8"	99
No. 4	98
No. 10	96
No. 16	94
No. 40	79
No. 50	62
No. 100	24
No. 200	7

Liquid Limit 18
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 77
 Cover Stabilometer _____
 Thickness 4.2 Expansion Pressure _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-3

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-681-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/9/12
 Samplers: BAKER, WIMER Station: "P" 935 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 162 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____

 Submitted By: BOB WIMER
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	100
1--	Material	
2--	Silt, Sand	
3--	Very Light Gravel	
4--	Very Light Clay	
5--		
6--		
7--		
8--		
9--		
10--		

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	98
No. 16	97
No. 40	82
No. 50	66
No. 100	29
No. 200	12

Liquid Limit 17
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 72
 Cover Stabilometer Expansion Pressure _____
 Thickness 5.8
 Sand Equivalentt _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-682-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/9/12
 Samplers: BAKER, WIMER Station: "P" 940 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 163 County: CHURCHILL

Sample Type: _____
 RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: BOB WIMER
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	0-- 100
1--	Material	1--
2--	Silt, Sand	2--
3--	Clay	3--
4--	Silt, Sand	4--
5--		5--
6--		6--
7--		7--
8--		8--
9--		9--
10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	98
3/8"	98
No. 4	97
No. 10	95
No. 16	93
No. 40	84
No. 50	77
No. 100	49
No. 200	26

Liquid Limit 20
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 64
 Cover Stabilometer _____
 Thickness 8.3 Expansion Pressure _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-683-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/9/12
 Samplers: BAKER, WIMER Station: "P" 945 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. 15' Rt. _____
 Sample No.: 164 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--	Contaminated Shoulder	0-- 100
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	1--	Material	1--
Cut Section <input checked="" type="checkbox"/> Fill Section <input type="checkbox"/>	2--	Silt, Sand	2--
Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/>	3--		3--
Gravel Depth (in) <u>12"</u> Oil Depth (in) _____	4--	Clay	4--
Remarks: _____	5--		5--
	6--		6--
	7--		7--
	8--		8--
Submitted By: <u>BOB WIMER</u>	9--		9--
Title: <u>ENG TECH III</u>	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	98
No. 10	95
No. 16	92
No. 40	74
No. 50	62
No. 100	33
No. 200	20

Liquid Limit	<u>18</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>68</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>7.0</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-684-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/9/12
 Samplers: BAKER, WIMER Station: "P" 950 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 165 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt, Sand	2--
	3--	Very Light Gravel	3--
	4--	Clay	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	100
3/8"	99
No. 4	98
No. 10	95
No. 16	93
No. 40	86
No. 50	82
No. 100	73
No. 200	44

Liquid Limit	<u>26</u>	
Plastic Index	<u>4</u>	
Specific Gravity	_____	
Resistance Value	<u>31</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>18.9</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-685-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/9/12
 Samplers: BAKER, WIMER Station: "P" 955 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. 15' Rt. _____
 Sample No.: 166 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--	Contaminated Shoulder	0-- 100
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	1--	Material	1--
Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/>	2--	Silt, Sand	2--
Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/>	3--	Very Light Gravel	3--
Gravel Depth (in) <u>12"</u> Oil Depth (in) _____	4--	Clay	4--
Remarks: _____	5--		5--
	6--		6--
	7--		7--
	8--		8--
Submitted By: <u>BOB WIMER</u>	9--		9--
Title: <u>ENG TECH III</u>	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	96
3/8"	96
No. 4	95
No. 10	94
No. 16	92
No. 40	76
No. 50	65
No. 100	48
No. 200	29

Liquid Limit	<u>20</u>	
Plastic Index	<u>1</u>	
Specific Gravity	_____	
Resistance Value	<u>46</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>14.1</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-686-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/9/12
 Samplers: BAKER, WIMER Station: "P" 960 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 167 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: Clay was at the bottom of hole.
 Submitted By: BOB WIMER
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	0-- 100
1--	Material	1--
2--	Silt, Sand	2--
3--	Very Light Gravel	3--
4--	Clay	4--
5--		5--
6--		6--
7--		7--
8--		8--
9--		9--
10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	100
No. 10	99
No. 16	96
No. 40	73
No. 50	59
No. 100	31
No. 200	14

Liquid Limit 17
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 75
 Cover Stabilometer Expansion Pressure _____
 Thickness 4.8
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-687-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/9/12
 Samplers: BAKER, WIMER Station: "P" 965 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 168 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: <u>ENG TECH III</u>	0-- 1-- 2-- 3-- 4-- 5-- 6-- 7-- 8-- 9-- 10--	Contaminated Shoulder Material Silt Sand	100 1 2-- 3-- 4-- 5 6-- 7-- 8-- 9-- 10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	100
No. 10	99
No. 16	98
No. 40	72
No. 50	56
No. 100	23
No. 200	7

Liquid Limit	<u>18</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>76</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>4.5</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-3</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-688-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/9/12
 Samplers: BAKER, WIMER Station: "P" 970 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 169 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--	Contaminated Shoulder	0-- 100
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	1--	Material	1--
Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/>	2--	Silt	2--
Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/>	3--	Sand	3--
Gravel Depth (in) <u>12"</u> Oil Depth (in) _____	4--		4--
Remarks: _____	5--		5--
_____	6--		6--
_____	7--		7--
Submitted By: <u>ORLANDO ALTAMIRANO</u>	8--		8--
Title: <u>ENG TECH III</u>	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	99
No. 16	97
No. 40	75
No. 50	59
No. 100	24
No. 200	8

Liquid Limit	<u>19</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>74</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>5.1</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-3</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-689-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/9/12
 Samplers: BAKER, WIMER Station: "P" 975 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft) Lt. 15' Rt. _____
 Sample No.: 170 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt	2--
	3--	Sand	3--
	4--		4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	99
No. 16	97
No. 40	75
No. 50	60
No. 100	24
No. 200	8

Liquid Limit	<u>17</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>74</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>5.1</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-3</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-690-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/9/12
 Samplers: BAKER, WIMER Station: "P" 980 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 171 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: ORLANDO ALTAMIRANO
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	0--
1--	Material	1--
2--	Silt	2--
3--	Sand	3--
4--		4--
5--		5--
6--		6--
7--		7--
8--		8--
9--		9--
10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	100
No. 10	99
No. 16	98
No. 40	73
No. 50	59
No. 100	24
No. 200	8

Liquid Limit 18
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 75
 Cover Stabilometer Expansion Pressure _____
 Thickness 4.8
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-3

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-691-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/9/12
 Samplers: BAKER, WIMER Station: "P" 985 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 172 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt	2--
	3--	Sand	3--
	4--		4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	99
3/8"	99
No. 4	97
No. 10	96
No. 16	95
No. 40	73
No. 50	57
No. 100	24
No. 200	8

Liquid Limit	<u>19</u>	
Plastic Index	<u>NP</u>	
Specific Gravity		
Resistance Value	<u>75</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>4.8</u>	_____
Sand Equivalent		_____
Natural Moisture, %		_____
Resistivity		_____
pH Factor		_____
AASHTO Classification	<u>A-3</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-692-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/9/12
 Samplers: BAKER, WIMER Station: "P" 990 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 173 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--	Contaminated Shoulder	0-- 100
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	1--	Material	1--
Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/>	2--	Silt	2--
Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/>	3--	Sand	3--
Gravel Depth (in) <u>12"</u> Oil Depth (in) _____	4--		4--
Remarks: _____	5--		5--
_____	6--		6--
_____	7--		7--
Submitted By: <u>ORLANDO ALTAMIRANO</u>	8--		8--
Title: <u>ENG TECH III</u>	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	98
No. 16	95
No. 40	69
No. 50	54
No. 100	24
No. 200	9

Liquid Limit	<u>18</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>74</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>5.1</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-3</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-693-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/9/12
 Samplers: BAKER, WIMER Station: "P" 995 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 174 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt	2--
	3--	Sand	3--
	4--		4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	99
No. 16	98
No. 40	75
No. 50	59
No. 100	23
No. 200	7

Liquid Limit	<u>18</u>	
Plastic Index	<u>NP</u>	
Specific Gravity		
Resistance Value	<u>70</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>6.4</u>	_____
Sand Equivalent		_____
Natural Moisture, %		_____
Resistivity		_____
pH Factor		_____
AASHTO Classification	<u>A-3</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-694-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/9/12
 Samplers: BAKER, WIMER Station: "P" 1000 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 175 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt	2--
	3--	Sand	3--
	4--		4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	99
No. 16	97
No. 40	69
No. 50	53
No. 100	20
No. 200	6

Liquid Limit	<u>18</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>76</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>4.5</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-3</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-695-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/9/12
 Samplers: BAKER, WIMER Station: "P" 1005 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): Lt. 15 Rt. _____
 Sample No.: 176 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: ORLANDO ALTAMIRANO
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	0-- 100
1--	Material	1--
2--	Silt	2--
3--	Sand	3--
4--		4--
5--		5--
6--		6--
7--		7--
8--		8--
9--		9--
10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	100
No. 10	99
No. 16	99
No. 40	82
No. 50	68
No. 100	28
No. 200	7

Liquid Limit 19
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 77
 Cover Stabilometer Expansion Pressure _____
 Thickness 4.2
 Sand Equivalentt _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-3

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-696-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/9/12
 Samplers: BAKER, WIMER Station: "P" 1010 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 177 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt	2--
	3--	Sand	3--
	4--		4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	100
No. 10	99
No. 16	99
No. 40	94
No. 50	87
No. 100	28
No. 200	4

Liquid Limit	<u>20</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>71</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>6.1</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-3</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-697-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/9/12
 Samplers: BAKER, WIMER Station: "P" 1015 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 178 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt	2--
	3--	Sand	3--
	4--		4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	100
3/8"	99
No. 4	99
No. 10	99
No. 16	98
No. 40	89
No. 50	82
No. 100	39
No. 200	11

Liquid Limit	<u>19</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>74</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>5.1</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-734-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/9/12
 Samplers: BAKER, WIMER Station: "P" 1020 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 179 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt	2--
	3--	Sand	3--
	4--		4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	98
3/8"	98
No. 4	97
No. 10	96
No. 16	95
No. 40	87
No. 50	80
No. 100	36
No. 200	7

Liquid Limit	<u>20</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>74</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>5.1</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-3</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-735-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/9/12
 Samplers: BAKER, WIMER Station: "P" 1025 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 180 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: ORLANDO ALTAMIRANO
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	0-- 100
1--	Material	1--
2--	Silt	2--
3--	Sand	3--
4--		4--
5--		5--
6--		6--
7--		7--
8--		8--
9--		9--
10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	100
No. 10	99
No. 16	99
No. 40	92
No. 50	85
No. 100	37
No. 200	4

Liquid Limit 20
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 74
 Cover Stabilometer Expansion Pressure _____
 Thickness 5.1
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-3

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-737-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/9/12
 Samplers: BAKER, WIMER Station: "P" 1030 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 181 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt	2--
	3--	Sand	3--
	4--		4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	100
No. 10	99
No. 16	99
No. 40	89
No. 50	80
No. 100	34
No. 200	8

Liquid Limit	<u>18</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>74</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>5.1</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-3</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-738-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/9/12
 Samplers: BAKER, WIMER Station: "P" 1035 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 182 County: CHURCHILL

<p>Sample Type: <input checked="" type="checkbox"/> RV <input type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/></p> <p>Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/></p> <p>Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/></p> <p>Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/></p> <p>Gravel Depth (in) <u>12"</u> Oil Depth (in) _____</p> <p>Remarks: _____</p> <p>Submitted By: <u>ORLANDO ALTAMIRANO</u></p> <p>Title: <u>ENG TECH III</u></p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Depth (ft)</th> <th style="width: 80%;">Boring Description</th> <th style="width: 10%;">PSI</th> </tr> </thead> <tbody> <tr> <td>0--</td> <td>Contaminated Shoulder</td> <td>0--</td> </tr> <tr> <td>1--</td> <td>Material</td> <td>1--</td> </tr> <tr> <td>2--</td> <td>Silt</td> <td>2--</td> </tr> <tr> <td>3--</td> <td>Sand</td> <td>3--</td> </tr> <tr> <td>4--</td> <td></td> <td>4--</td> </tr> <tr> <td>5--</td> <td></td> <td>5--</td> </tr> <tr> <td>6--</td> <td></td> <td>6--</td> </tr> <tr> <td>7--</td> <td></td> <td>7--</td> </tr> <tr> <td>8--</td> <td></td> <td>8--</td> </tr> <tr> <td>9--</td> <td></td> <td>9--</td> </tr> <tr> <td>10--</td> <td></td> <td>10--</td> </tr> </tbody> </table>	Depth (ft)	Boring Description	PSI	0--	Contaminated Shoulder	0--	1--	Material	1--	2--	Silt	2--	3--	Sand	3--	4--		4--	5--		5--	6--		6--	7--		7--	8--		8--	9--		9--	10--		10--
Depth (ft)	Boring Description	PSI																																			
0--	Contaminated Shoulder	0--																																			
1--	Material	1--																																			
2--	Silt	2--																																			
3--	Sand	3--																																			
4--		4--																																			
5--		5--																																			
6--		6--																																			
7--		7--																																			
8--		8--																																			
9--		9--																																			
10--		10--																																			

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	97
3/8"	97
No. 4	96
No. 10	95
No. 16	94
No. 40	89
No. 50	81
No. 100	39
No. 200	11

Liquid Limit	<u>19</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>70</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>6.4</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-739-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, WIMER Station: "P" 1040 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 183 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt	2--
	3--	Sand	3--
	4--	Light Gravel	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	98
3/8"	98
No. 4	98
No. 10	98
No. 16	98
No. 40	94
No. 50	88
No. 100	26
No. 200	4

Liquid Limit	<u>21</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>73</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>5.4</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-3</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-740-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, WIMER Station: "P" 1045 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 184 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt	2--
	3--	Sand	3--
	4--	Light Gravel	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	100
3/8"	99
No. 4	98
No. 10	97
No. 16	97
No. 40	91
No. 50	83
No. 100	38
No. 200	9

Liquid Limit	<u>20</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>75</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>4.8</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-3</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-741-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, WIMER Station: "P" 1050 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 185 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--	Contaminated Shoulder	0-- 100
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	1--	Material	1--
Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/>	2--	Silt	2--
Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/>	3--	Sand	3--
Gravel Depth (in) <u>12"</u> Oil Depth (in) _____	4--	Light Gravel	4--
Remarks: _____	5--		5--
	6--		6--
	7--		7--
	8--		8--
Submitted By: <u>BOB WIMER</u>	9--		9--
Title: <u>ENG TECH III</u>	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	98
No. 10	97
No. 16	96
No. 40	87
No. 50	78
No. 100	40
No. 200	9

Liquid Limit	<u>19</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>77</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>4.2</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-3</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-742-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, WIMER Station: "P" 1055 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 186 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt	2--
	3--	Sand	3--
	4--	Light Gravel	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	99
3/8"	98
No. 4	98
No. 10	98
No. 16	97
No. 40	88
No. 50	81
No. 100	41
No. 200	6

Liquid Limit	<u>20</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>73</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>5.4</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-3</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-743-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, WIMER Station: "P" 1060 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 187 County: CHURCHILL

Sample Type: <input checked="" type="checkbox"/> RV <input type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	<table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left; border-bottom: 1px solid black;">Depth (ft)</th> <th style="text-align: left; border-bottom: 1px solid black;">Boring Description</th> <th style="text-align: left; border-bottom: 1px solid black;">PSI</th> </tr> <tr> <td style="border-right: 1px solid black;">0--</td> <td>Contaminated Shoulder</td> <td>0--</td> </tr> <tr> <td style="border-right: 1px solid black;">1--</td> <td>Material</td> <td>1--</td> </tr> <tr> <td style="border-right: 1px solid black;">2--</td> <td>Silt</td> <td>2--</td> </tr> <tr> <td style="border-right: 1px solid black;">3--</td> <td>Sand</td> <td>3--</td> </tr> <tr> <td style="border-right: 1px solid black;">4--</td> <td>Light Gravel</td> <td>4--</td> </tr> <tr> <td style="border-right: 1px solid black;">5--</td> <td></td> <td>5--</td> </tr> <tr> <td style="border-right: 1px solid black;">6--</td> <td></td> <td>6--</td> </tr> <tr> <td style="border-right: 1px solid black;">7--</td> <td></td> <td>7--</td> </tr> <tr> <td style="border-right: 1px solid black;">8--</td> <td></td> <td>8--</td> </tr> <tr> <td style="border-right: 1px solid black;">9--</td> <td></td> <td>9--</td> </tr> <tr> <td style="border-right: 1px solid black;">10--</td> <td></td> <td>10--</td> </tr> </table>	Depth (ft)	Boring Description	PSI	0--	Contaminated Shoulder	0--	1--	Material	1--	2--	Silt	2--	3--	Sand	3--	4--	Light Gravel	4--	5--		5--	6--		6--	7--		7--	8--		8--	9--		9--	10--		10--
Depth (ft)	Boring Description	PSI																																			
0--	Contaminated Shoulder	0--																																			
1--	Material	1--																																			
2--	Silt	2--																																			
3--	Sand	3--																																			
4--	Light Gravel	4--																																			
5--		5--																																			
6--		6--																																			
7--		7--																																			
8--		8--																																			
9--		9--																																			
10--		10--																																			

Sieve Size	% Passing
3"	
2"	
1.5"	100
1"	90
3/4"	90
1/2"	88
3/8"	87
No. 4	86
No. 10	85
No. 16	85
No. 40	79
No. 50	73
No. 100	34
No. 200	5

Liquid Limit	<u>20</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>77</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>4.2</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-3</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-744-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, WIMER Station: "P" 1065 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 188 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt	2--
	3--	Sand	3--
	4--	Light Gravel	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	
No. 10	
No. 16	100
No. 40	93
No. 50	86
No. 100	29
No. 200	5

Liquid Limit	<u>21</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>74</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>5.1</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-3</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-745-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, WIMER Station: "P" 1070 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 189 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: BOB WIMER
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	0-- 100
1--	Material	1--
2--	Silt	2--
3--	Sand	3--
4--	Light Gravel	4--
5--		5--
6--		6--
7--		7--
8--		8--
9--		9--
10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	
No. 10	100
No. 16	99
No. 40	91
No. 50	83
No. 100	43
No. 200	7

Liquid Limit 20
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 74
 Cover Stabilometer Expansion Pressure _____
 Thickness 5.1
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-3

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-746-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, WIMER Station: "P" 1075 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 190 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt, Sand	2--
	3--	Light Gravel	3--
	4--	-----	4--
	5--	Clay	5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	97
3/8"	95
No. 4	93
No. 10	91
No. 16	90
No. 40	86
No. 50	83
No. 100	68
No. 200	42

Liquid Limit	<u>25</u>	
Plastic Index	<u>4</u>	
Specific Gravity	_____	
Resistance Value	<u>68</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>7.0</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-747-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, WIMER Station: "P" 1080 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 191 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt	2--
	3--	Sand	3--
	4--	Light Gravel	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	100
No. 10	99
No. 16	99
No. 40	94
No. 50	89
No. 100	42
No. 200	12

Liquid Limit	<u>19</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>68</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>7.0</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-748-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, WIMER Station: "P" 1085 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 192 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--	Contaminated Shoulder	0-- 100
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	1--	Material	1--
Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/>	2--	Silt	2--
Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/>	3--	Sand	3--
Gravel Depth (in) <u>12"</u> Oil Depth (in) _____	4--	Light Gravel	4--
Remarks: _____	5--		5--
	6--		6--
	7--		7--
	8--		8--
Submitted By: <u>BOB WIMER</u>	9--		9--
Title: <u>ENG TECH III</u>	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	98
3/8"	98
No. 4	97
No. 10	97
No. 16	96
No. 40	88
No. 50	79
No. 100	28
No. 200	5

Liquid Limit	<u>20</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>70</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>6.4</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-3</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-749-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, WIMER Station: "P" 1090 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 193 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt	2--
	3--	Sand	3--
	4--	Light Gravel	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	99
No. 16	98
No. 40	95
No. 50	89
No. 100	35
No. 200	6

Liquid Limit	<u>20</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>73</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>5.4</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-3</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-750-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, WIMER Station: "P" 1095 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 194 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt	2--
	3--	Sand	3--
	4--	Light Gravel	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	
No. 10	100
No. 16	98
No. 40	87
No. 50	80
No. 100	42
No. 200	10

Liquid Limit	<u>19</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>74</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>5.1</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-3</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-751-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, WIMER Station: "P" 1100 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft) Lt. _____ Rt. 15'
 Sample No.: 195 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: <u>Clay is most likely at O.G.</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt, Sand	2--
	3--	Light Gravel	3--
	4--	-----	4--
	5--	Clay	5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Submitted By: BOB WIMER
 Title: ENG TECH III

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	100
No. 10	99
No. 16	99
No. 40	94
No. 50	86
No. 100	36
No. 200	10

Liquid Limit	<u>19</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>68</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>7.0</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-3</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-752-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, WIMER Station: "P" 1105 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft) Lt. 15' Rt. _____
 Sample No.: 196 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--	Contaminated Shoulder	0-- 100
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	1--	Material	1--
Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/>	2--	Silt, Sand	2--
Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/>	3--	Light Gravel	3--
Gravel Depth (in) <u>12"</u> Oil Depth (in) _____	4--	-----	4--
Remarks: <u>Clay is most likely at O.G.</u>	5--	Clay	5--
	6--		6--
	7--		7--
	8--		8--
Submitted By: <u>BOB WIMER</u>	9--		9--
Title: <u>ENG TECH III</u>	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	100
No. 10	99
No. 16	99
No. 40	96
No. 50	91
No. 100	63
No. 200	25

Liquid Limit	<u>19</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>65</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>8.0</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-753-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, WIMER Station: "P" 1110 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 197 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: <u>Clay is most likely at O.G.</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt, Sand	2--
	3--	Light Gravel	3--
	4--	-----	4--
	5--	Clay	5--
	6--		6--
	7--		7--
	8--		8--
Submitted By: <u>BOB WIMER</u>	9--		9--
Title: <u>ENG TECH III</u>	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	100
No. 10	99
No. 16	98
No. 40	95
No. 50	87
No. 100	51
No. 200	20

Liquid Limit	<u>17</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>72</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>5.8</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-754-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, WIMER Station: "P" 1115 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 198 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: <u>Clay ar 5'</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt	2--
	3--	Sand	3--
	4--	Light Gravel	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Submitted By: BOB WIMER
 Title: ENG TECH III

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	100
No. 10	99
No. 16	99
No. 40	95
No. 50	88
No. 100	47
No. 200	16

Liquid Limit	<u>17</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>72</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>5.8</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-755-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, WIMER Station: "P" 1120 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 199 County: CHURCHILL

Sample Type: _____
 RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: BOB WIMER
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	0--
1--	Material	1--
2--	Silt, Sand	2--
3--	Light Gravel	3--
4--	-----	4--
5--	Clay	5--
6--		6--
7--		7--
8--		8--
9--		9--
10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	99
No. 16	99
No. 40	95
No. 50	86
No. 100	44
No. 200	19

Liquid Limit 16
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 67
 Cover Stabilometer _____
 Thickness 7.4 Expansion Pressure _____
 Sand Equivalentt _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-756-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, WIMER Station: "P" 1125 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 200 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: <u>Clay at 5'</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt	2--
	3--	Sand	3--
	4--	Light Gravel	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Submitted By: BOB WIMER
 Title: ENG TECH III

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	100
3/8"	99
No. 4	99
No. 10	98
No. 16	97
No. 40	93
No. 50	85
No. 100	47
No. 200	15

Liquid Limit	<u>20</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>72</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>5.8</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-757-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, WIMER Station: "P" 1130 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft) Lt. _____ Rt. 15'
 Sample No.: 201 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--	Contaminated Shoulder	0-- 100
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	1--	Material	1--
Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/>	2--	Silt	2--
Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/>	3--	Sand	3--
Gravel Depth (in) <u>12"</u> Oil Depth (in) _____	4--		4--
Remarks: _____	5--		5--
	6--		6--
	7--		7--
	8--		8--
Submitted By: <u>BOB WIMER</u>	9--		9--
Title: <u>ENG TECH III</u>	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	99
No. 16	99
No. 40	96
No. 50	91
No. 100	60
No. 200	19

Liquid Limit	<u>22</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>71</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>6.1</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-758-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, WIMER Station: "P" 1135 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 202 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt	2--
	3--	Sand	3--
	4--	Light Gravel	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	98
3/8"	98
No. 4	97
No. 10	97
No. 16	96
No. 40	92
No. 50	85
No. 100	45
No. 200	13

Liquid Limit	<u>19</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>74</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>5.1</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-759-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, WIMER Station: "P" 1140 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 203 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--	Contaminated Shoulder	0-- 100
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	1--	Material	1--
Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/>	2--	Silt	2--
Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/>	3--	Sand	3--
Gravel Depth (in) <u>12"</u> Oil Depth (in) _____	4--		4--
Remarks: <u>Clay is most likely at O.G.</u>	5--	Clay	5--
	6--		6--
	7--		7--
	8--		8--
Submitted By: <u>BOB WIMER</u>	9--		9--
Title: <u>ENG TECH III</u>	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	100
No. 10	99
No. 16	99
No. 40	96
No. 50	90
No. 100	64
No. 200	28

Liquid Limit	<u>20</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>70</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>6.4</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-760-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, WIMER Station: "P" 1145 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 204 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: <u>Clay at 5' most likely at O.G.</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt	2--
	3--	Sand	3--
	4--	Sand	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Submitted By: BOB WIMER
 Title: ENG TECH III

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	100
3/8"	99
No. 4	98
No. 10	98
No. 16	98
No. 40	94
No. 50	90
No. 100	52
No. 200	13

Liquid Limit	<u>20</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>69</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>6.7</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-761-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, WIMER Station: "P" 1150 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 205 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--	Contaminated Shoulder	0-- 100
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	1--	Material	1--
Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/>	2--	Silt	2--
Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/>	3--	Sand	3--
Gravel Depth (in) <u>12"</u> Oil Depth (in) _____	4--	Light Gravel	4--
Remarks: _____	5--		5--
	6--		6--
	7--		7--
	8--		8--
Submitted By: <u>BOB WIMER</u>	9--		9--
Title: <u>ENG TECH III</u>	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	97
No. 16	96
No. 40	91
No. 50	83
No. 100	39
No. 200	8

Liquid Limit	<u>20</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>75</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>4.8</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-3</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-762-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, WIMER Station: "P" 1155 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 206 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt	2--
	3--	Sand	3--
	4--		4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	
No. 10	100
No. 16	99
No. 40	97
No. 50	89
No. 100	47
No. 200	13

Liquid Limit	<u>21</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>72</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>5.8</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-763-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, WIMER Station: "P" 1160 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 207 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: <u>Clay at 5'. Clay most likely at O.G.</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt	2--
	3--	Sand	3--
	4--		4--
	5--		5--
	6--	Clay	6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Submitted By: BOB WIMER
 Title: ENG TECH III

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	100
No. 10	99
No. 16	99
No. 40	98
No. 50	95
No. 100	79
No. 200	34

Liquid Limit	<u>23</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>61</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>9.3</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-764-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, WIMER Station: "P" 1165 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 208 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt	2--
	3--	Sand	3--
	4--		4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	100
No. 10	99
No. 16	99
No. 40	97
No. 50	92
No. 100	64
No. 200	18

Liquid Limit	<u>21</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>74</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>5.1</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-765-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, WIMER Station: "P" 1170 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 209 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt	2--
	3--	Sand	3--
	4--		4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	100
No. 10	99
No. 16	99
No. 40	95
No. 50	89
No. 100	60
No. 200	21

Liquid Limit	<u>21</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>70</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>6.4</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-766-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, WIMER Station: "P" 1175 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. 15' Rt. _____
 Sample No.: 210 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--	Contaminated Shoulder	0-- 100
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	1--	Material	1--
Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/>	2--	Silt	2--
Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/>	3--	Sand	3--
Gravel Depth (in) <u>12"</u> Oil Depth (in) _____	4--		4--
Remarks: _____	5--		5--
	6--		6--
	7--		7--
	8--		8--
Submitted By: <u>BOB WIMER</u>	9--		9--
Title: <u>ENG TECH III</u>	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	
No. 10	100
No. 16	99
No. 40	95
No. 50	90
No. 100	41
No. 200	10

Liquid Limit	<u>19</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>73</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>5.4</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-3</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-767-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, WIMER Station: "P" 1180 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 211 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt	2--
	3--	Sand	3--
	4--	Light Gravel	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Sieve Size</th> <th>% Passing</th> </tr> </thead> <tbody> <tr><td>3"</td><td></td></tr> <tr><td>2"</td><td></td></tr> <tr><td>1.5"</td><td></td></tr> <tr><td>1"</td><td></td></tr> <tr><td>3/4"</td><td></td></tr> <tr><td>1/2"</td><td style="text-align: center;">100</td></tr> <tr><td>3/8"</td><td style="text-align: center;">99</td></tr> <tr><td>No. 4</td><td style="text-align: center;">98</td></tr> <tr><td>No. 10</td><td style="text-align: center;">97</td></tr> <tr><td>No. 16</td><td style="text-align: center;">96</td></tr> <tr><td>No. 40</td><td style="text-align: center;">91</td></tr> <tr><td>No. 50</td><td style="text-align: center;">87</td></tr> <tr><td>No. 100</td><td style="text-align: center;">54</td></tr> <tr><td>No. 200</td><td style="text-align: center;">15</td></tr> </tbody> </table>	Sieve Size	% Passing	3"		2"		1.5"		1"		3/4"		1/2"	100	3/8"	99	No. 4	98	No. 10	97	No. 16	96	No. 40	91	No. 50	87	No. 100	54	No. 200	15	Liquid Limit <u>20</u> Plastic Index <u>NP</u> Specific Gravity _____ Resistance Value <u>72</u> Cover <u>Stabilometer</u> Expansion Pressure _____ Thickness <u>5.8</u>	Sand Equivalent _____ Natural Moisture, % _____ Resistivity _____ pH Factor _____ AASHTO Classification <u>A-2-4(0)</u>
Sieve Size	% Passing																															
3"																																
2"																																
1.5"																																
1"																																
3/4"																																
1/2"	100																															
3/8"	99																															
No. 4	98																															
No. 10	97																															
No. 16	96																															
No. 40	91																															
No. 50	87																															
No. 100	54																															
No. 200	15																															

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-768-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, WIMER Station: "P" 1185 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 212 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: <u>Clay at 5'. Clay most likely at O.G.</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt	2--
	3--	Sand	3--
	4--		4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Submitted By: BOB WIMER
 Title: ENG TECH III

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	100
No. 10	99
No. 16	99
No. 40	97
No. 50	92
No. 100	62
No. 200	17

Liquid Limit	<u>20</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>73</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>5.4</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-769-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, WIMER Station: "P" 1190 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 213 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: <u>Clay at 5'. Clay most likely at O.G.</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt	2--
	3--	Sand	3--
	4--		4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Submitted By: BOB WIMER
 Title: ENG TECH III

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	
No. 10	100
No. 16	99
No. 40	98
No. 50	94
No. 100	66
No. 200	17

Liquid Limit	<u>21</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>74</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>5.1</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-770-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, WIMER Station: "P" 1195 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 214 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt	2--
	3--	Sand	3--
	4--		4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	99
No. 16	98
No. 40	90
No. 50	73
No. 100	40
No. 200	20

Liquid Limit 16
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 57
 Cover Stabilometer
 Thickness 10.6 Expansion Pressure _____
 Sand Equivalentt _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-771-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, WIMER Station: "P" 1200 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 215 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: BOB WIMER
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	0--
1--	Material	1--
2--	Silt	2--
3--	Sand	3--
4--		4--
5--		5--
6--		6--
7--		7--
8--		8--
9--		9--
10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	100
No. 10	99
No. 16	98
No. 40	88
No. 50	70
No. 100	38
No. 200	20

Liquid Limit 15
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 42
 Cover Stabilometer Expansion Pressure _____
 Thickness 15.4
 Sand Equivalentt _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-772-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, WIMER Station: "P" 1205 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 216 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt	2--
	3--	Sand	3--
	4--		4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	98
No. 16	97
No. 40	87
No. 50	71
No. 100	41
No. 200	21

Liquid Limit	<u>16</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>44</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>14.7</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-773-12
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, WIMER Station: "P" 1210 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 217 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt	2--
	3--	Sand	3--
	4--		4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	100
No. 10	99
No. 16	97
No. 40	87
No. 50	71
No. 100	40
No. 200	21

Liquid Limit	<u>16</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>35</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>17.6</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-36-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, WIMER Station: "P" 1215 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 218 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt	2--
	3--	Sand	3--
	4--	Light Gravel	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	99
3/8"	98
No. 4	98
No. 10	98
No. 16	96
No. 40	85
No. 50	67
No. 100	35
No. 200	17

Liquid Limit	<u>16</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>72</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>5.8</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-37-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, WIMER Station: "P" 1220 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 219 County: CHURCHILL

Sample Type: _____
 RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: Clay is most likely at O.G.
 Submitted By: BOB WIMER
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	0--
1--	Material	1--
2--	Silt, Sand	2--
3--	Light Gravel	3--
4--	-----	4--
5--	Clay	5--
6--		6--
7--		7--
8--		8--
9--		9--
10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	98
No. 16	94
No. 40	83
No. 50	68
No. 100	39
No. 200	23

Liquid Limit 16
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 57
 Cover Stabilometer _____
 Thickness 10.6 Expansion Pressure _____
 Sand Equivalentent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-38-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, WIMER Station: "P" 1225 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 220 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: <u>Clay is most likely at O.G.</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt	2--
	3--	Sand	3--
	4--	Gravel	4--
	5--	Clay	5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Submitted By: BOB WIMER
 Title: ENG TECH III

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	98
3/8"	97
No. 4	94
No. 10	90
No. 16	88
No. 40	77
No. 50	62
No. 100	38
No. 200	24

Liquid Limit	<u>16</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>64</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>8.3</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-39-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, WIMER Station: "P" 1230 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 221 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--	Contaminated Shoulder	100
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	1--	Material	1--
Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/>	2--	Silt, Sand	2--
Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/>	3--	Clay	3--
Gravel Depth (in) <u>12"</u> Oil Depth (in) _____	4--	Silt, Sand	4--
Remarks: _____	5--	Gravel, Clay	5--
_____	6--		6--
_____	7--		7--
Submitted By: <u>BOB WIMER</u>	8--		8--
Title: <u>ENG TECH III</u>	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	95
3/8"	94
No. 4	91
No. 10	87
No. 16	85
No. 40	75
No. 50	64
No. 100	43
No. 200	30

Liquid Limit	<u>16</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>50</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>12.8</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-40-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, WIMER Station: "P" 1235 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 222 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: BOB WIMER
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	0-- 100
1--	Material	1--
2--	Silt, Sand	2--
3--	Gravel, Clay	3--
4--	Clay	4--
5--		5--
6--		6--
7--		7--
8--		8--
9--		9--
10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	98
No. 10	97
No. 16	95
No. 40	89
No. 50	79
No. 100	60
No. 200	45

Liquid Limit 21
 Plastic Index 9
 Specific Gravity _____
 Resistance Value 45
 Cover Stabilometer _____
 Thickness 14.4 Expansion Pressure _____
 Sand Equivalentt _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-4(1)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-41-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: _____ Station: "P" 1240 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 223 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: <u>ENG TECH III</u>	0-- 1-- 2-- 3-- 4-- 5-- 6-- 7-- 8-- 9-- 10--	Contaminated Shoulder Material Silt Sand Lt. Clay 	100 1-- 2-- 3-- 4-- 5-- 6-- 7-- 8-- 9-- 10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	98
No. 16	97
No. 40	89
No. 50	75
No. 100	46
No. 200	28

Liquid Limit	<u>17</u>	
Plastic Index	<u>2</u>	
Specific Gravity	_____	
Resistance Value	<u>54</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>11.5</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-42-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: _____ Station: "P" 1245 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. 15' Rt. _____
 Sample No.: 224 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: <u>Clay @ 5'</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt	2--
	3--	Sand	3--
	4--	Lt. Clay	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Submitted By: ORLANDO ALTAMIRANO
 Title: ENG TECH III

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	98
No. 16	96
No. 40	88
No. 50	75
No. 100	51
No. 200	34

Liquid Limit	<u>17</u>	
Plastic Index	<u>3</u>	
Specific Gravity	_____	
Resistance Value	<u>68</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>7.0</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-43-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: _____ Station: "P" 1250 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft) _____ Lt. _____ Rt. 15'
 Sample No.: 225 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: <u>Clay @ 5'</u>	0--	Contaminated Shoulder	0-- 100
	1--	Material	1--
	2--	Silt	2--
	3--	Sand	3--
	4--	Lt. Clay	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Submitted By: ORLANDO ALTAMIRANO
 Title: ENG TECH III

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	100
No. 10	99
No. 16	98
No. 40	89
No. 50	72
No. 100	41
No. 200	23

Liquid Limit	<u>16</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>73</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>5.4</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-44-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: _____ Station: "P" 1255 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft) Lt. 15' Rt. _____
 Sample No.: 226 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--	Contaminated Shoulder	0-- 100
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	1--	Material	1--
Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/>	2--	Silt	2--
Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/>	3--	Sand	3--
Gravel Depth (in) <u>12"</u> Oil Depth (in) _____	4--	Lt. Clay	4--
Remarks: <u>Clay @ 5'</u>	5--		5--
	6--		6--
	7--		7--
	8--		8--
Submitted By: <u>ORLANDO ALTAMIRANO</u>	9--		9--
Title: <u>ENG TECH III</u>	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	100
No. 10	99
No. 16	98
No. 40	92
No. 50	78
No. 100	47
No. 200	25

Liquid Limit	<u>17</u>	
Plastic Index	<u>2</u>	
Specific Gravity	_____	
Resistance Value	<u>71</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>6.1</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-45-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: _____ Station: "P" 1260 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft) _____ Lt. _____ Rt. 15'
 Sample No.: 227 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--	Contaminated Shoulder	0-- 100
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	1--	Material	1--
Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/>	2--	Silt	2--
Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/>	3--	Sand	3--
Gravel Depth (in) <u>12"</u> Oil Depth (in) _____	4--	Lt. Clay	4--
Remarks: _____	5--		5--
	6--		6--
	7--		7--
	8--		8--
Submitted By: <u>ORLANDO ALTAMIRANO</u>	9--		9--
Title: <u>ENG TECH III</u>	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	99
No. 16	98
No. 40	90
No. 50	75
No. 100	45
No. 200	25

Liquid Limit	<u>17</u>	
Plastic Index	<u>3</u>	
Specific Gravity	_____	
Resistance Value	<u>69</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>6.7</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-46-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: _____ Station: "P" 1265 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft) Lt. 15' Rt. _____
 Sample No.: 228 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: <u>ENG TECH III</u>	0-- 1-- 2-- 3-- 4-- 5-- 6-- 7-- 8-- 9-- 10--	Contaminated Shoulder Material Silt Sand Lt. Clay	100

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	98
No. 16	98
No. 40	90
No. 50	76
No. 100	46
No. 200	25

Liquid Limit	<u>17</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>72</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>5.8</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-47-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: _____ Station: "P" 1270 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft) _____ Lt. _____ Rt. 15'
 Sample No.: 229 County: CHURCHILL

Sample Type: _____
 RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: ORLANDO ALTAMIRANO
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	100
1--	Material	
2--	Silt	
3--	Sand	
4--	Lt. Clay	
5--		
6--		
7--		
8--		
9--		
10--		

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	99
No. 16	98
No. 40	91
No. 50	76
No. 100	47
No. 200	25

Liquid Limit 16
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 69
 Cover Stabilometer _____
 Thickness 6.7 Expansion Pressure _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-16-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: _____ Station: "P" 1275 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft) Lt. 15' Rt. _____
 Sample No.: 230 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--	Contaminated Shoulder	0-- 100
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	1--	Material	1--
Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/>	2--	Silt	2--
Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/>	3--	Sand	3--
Gravel Depth (in) <u>12"</u> Oil Depth (in) _____	4--	Lt. Clay	4--
Remarks: _____	5--		5--
	6--		6--
	7--		7--
	8--		8--
Submitted By: <u>ORLANDO ALTAMIRANO</u>	9--		9--
Title: <u>ENG TECH III</u>	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	98
No. 16	97
No. 40	88
No. 50	71
No. 100	41
No. 200	22

Liquid Limit	<u>16</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>67</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>7.4</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-17-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: _____ Station: "P" 1280 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 231 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt	2--
	3--	Sand	3--
	4--	Lt. Clay	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	99
3/8"	99
No. 4	99
No. 10	98
No. 16	97
No. 40	88
No. 50	71
No. 100	42
No. 200	24

Liquid Limit	<u>17</u>	
Plastic Index	<u>1</u>	
Specific Gravity		
Resistance Value	<u>49</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>13.1</u>	
Sand Equivalent		
Natural Moisture, %		
Resistivity		
pH Factor		
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-18-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: _____ Station: "P" 1285 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. 15' Rt. _____
 Sample No.: 232 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt, Sand	2--
	3--	Lt Clay	3--
	4--	-----	4--
	5--	Clay	5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	98
No. 16	96
No. 40	87
No. 50	73
No. 100	49
No. 200	32

Liquid Limit	<u>18</u>	
Plastic Index	<u>4</u>	
Specific Gravity	_____	
Resistance Value	<u>52</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>12.2</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-19-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: _____ Station: "P" 1290 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft) _____ Lt. _____ Rt. 15'
 Sample No.: 233 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt	2--
	3--	Sand	3--
	4--	Lt. Clay	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	100
3/8"	98
No. 4	96
No. 10	95
No. 16	93
No. 40	86
No. 50	72
No. 100	48
No. 200	30

Liquid Limit 17
 Plastic Index 2
 Specific Gravity _____
 Resistance Value 42
 Cover Stabilometer
 Thickness 15.4 Expansion Pressure _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-20-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: _____ Station: "P" 1295 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. 15' Rt. _____
 Sample No.: 234 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--	Contaminated Shoulder	0-- 100
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	1--	Material	1--
Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/>	2--	Silt	2--
Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/>	3--	Sand	3--
Gravel Depth (in) <u>12"</u> Oil Depth (in) _____	4--	Lt. Clay	4--
Remarks: <u>Clay @ 5'</u>	5--		5--
	6--		6--
	7--		7--
	8--		8--
Submitted By: <u>ORLANDO ALTAMIRANO</u>	9--		9--
Title: <u>ENG TECH III</u>	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	100
3/8"	99
No. 4	98
No. 10	97
No. 16	96
No. 40	90
No. 50	76
No. 100	47
No. 200	28

Liquid Limit	<u>17</u>	
Plastic Index	<u>1</u>	
Specific Gravity	_____	
Resistance Value	<u>53</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>11.9</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-21-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: _____ Station: "P" 1300 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft) _____ Lt. _____ Rt. 15'
 Sample No.: 235 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--	Contaminated Shoulder	0-- 100
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	1--	Material	1--
Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/>	2--	Silt	2--
Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/>	3--	Sand	3--
Gravel Depth (in) <u>12"</u> Oil Depth (in) _____	4--	Lt. Clay	4--
Remarks: _____	5--		5--
	6--		6--
	7--		7--
	8--		8--
Submitted By: <u>ORLANDO ALTAMIRANO</u>	9--		9--
Title: <u>ENG TECH III</u>	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	100
3/8"	99
No. 4	99
No. 10	99
No. 16	98
No. 40	90
No. 50	74
No. 100	46
No. 200	28

Liquid Limit	<u>18</u>	
Plastic Index	<u>3</u>	
Specific Gravity	_____	
Resistance Value	<u>69</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>6.7</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-22-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: _____ Station: "P" 1305 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. 15' Rt. _____
 Sample No.: 236 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: <u>ENG TECH III</u>	0-- 1-- 2-- 3-- 4-- 5-- 6-- 7-- 8-- 9-- 10--	Contaminated Shoulder Material Silt, Sand Lt Clay ----- Clay 	100

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	98
No. 10	97
No. 16	95
No. 40	86
No. 50	71
No. 100	46
No. 200	30

Liquid Limit	<u>18</u>	
Plastic Index	<u>4</u>	
Specific Gravity	_____	
Resistance Value	<u>50</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>12.8</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-23-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: _____ Station: "P" 1310 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 237 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--	Contaminated Shoulder	0-- 100
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	1--	Material	1--
Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/>	2--	Silt, Sand	2--
Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/>	3--	Lt. Clay, Lt Gravel	3--
Gravel Depth (in) <u>12"</u> Oil Depth (in) _____	4--	-----	4--
Remarks: _____	5--	Clay	5--
_____	6--		6--
_____	7--		7--
Submitted By: <u>ORLANDO ALTAMIRANO</u>	8--		8--
Title: <u>ENG TECH III</u>	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	98
No. 16	97
No. 40	89
No. 50	75
No. 100	49
No. 200	32

Liquid Limit	<u>21</u>	
Plastic Index	<u>8</u>	
Specific Gravity	_____	
Resistance Value	<u>35</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>17.6</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-24-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: _____ Station: "P" 1315 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft) Lt. 15' Rt. _____
 Sample No.: 238 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--	Contaminated Shoulder	0-- 100
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	1--	Material	1--
Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/>	2--	Silt	2--
Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/>	3--	Sand	3--
Gravel Depth (in) <u>12"</u> Oil Depth (in) _____	4--	Lt. Clay	4--
Remarks: _____	5--	Lt Gravel	5--
_____	6--		6--
_____	7--		7--
Submitted By: <u>ORLANDO ALTAMIRANO</u>	8--		8--
Title: <u>ENG TECH III</u>	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	99
3/8"	99
No. 4	98
No. 10	97
No. 16	95
No. 40	85
No. 50	68
No. 100	41
No. 200	24

Liquid Limit	<u>15</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>59</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>9.9</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-25-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: _____ Station: "P" 1320 + 00 Route: US 95
ALTAMIRANO, RIGSBY Location from CL (ft) _____ Lt. _____ Rt. 15'
 Sample No.: 239 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt	2--
	3--	Sand	3--
	4--	Lt. Clay	4--
	5--	Lt Gravel	5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	99
3/8"	99
No. 4	99
No. 10	97
No. 16	94
No. 40	84
No. 50	70
No. 100	47
No. 200	29

Liquid Limit	<u>18</u>	
Plastic Index	<u>4</u>	
Specific Gravity	_____	
Resistance Value	<u>39</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>16.3</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-26-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER Station: "P" 1325 + 00 Route: US 95
ALTAMIRANO Location from CL (ft) Lt. 15' Rt. _____
 Sample No.: 240 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--	Contaminated Shoulder	0-- 100
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	1--	Material	1--
Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/>	2--	Silt	2--
Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/>	3--	Sand	3--
Gravel Depth (in) <u>12"</u> Oil Depth (in) _____	4--	Lt. Clay	4--
Remarks: _____	5--		5--
	6--		6--
	7--		7--
	8--		8--
Submitted By: <u>ORLANDO ALTAMIRANO</u>	9--		9--
Title: <u>ENG TECH III</u>	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	98
No. 10	95
No. 16	93
No. 40	84
No. 50	68
No. 100	40
No. 200	23

Liquid Limit 18
 Plastic Index 3
 Specific Gravity _____
 Resistance Value 65
 Cover Stabilometer
 Thickness 8.0 Expansion Pressure _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-27-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER Station: "P" 1330 + 00 Route: US 95
ALTAMIRANO Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 241 County: CHURCHILL

Sample Type: _____
 RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: ORLANDO ALTAMIRANO
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	100
1--	Material	
2--	Silt	
3--	Sand	
4--	Lt. Clay	
5--		
6--		
7--		
8--		
9--		
10--		

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	98
No. 10	97
No. 16	96
No. 40	86
No. 50	70
No. 100	39
No. 200	21

Liquid Limit 16
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 70
 Cover Stabilometer _____
 Thickness 6.4 Expansion Pressure _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-28-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER Station: "P" 1335 + 00 Route: US 95
ALTAMIRANO Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 242 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: <u>ENG TECH III</u>	0-- 1-- 2-- 3-- 4-- 5-- 6-- 7-- 8-- 9-- 10--	Contaminated Shoulder Material Silt Sand Lt. Clay	100

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	100
3/8"	99
No. 4	99
No. 10	98
No. 16	97
No. 40	88
No. 50	70
No. 100	39
No. 200	21

Liquid Limit: 16
 Plastic Index: NP
 Specific Gravity: _____
 Resistance Value: 68
 Cover: Stabilometer
 Thickness: 7.0 Expansion Pressure: _____
 Sand Equivalent: _____
 Natural Moisture, %: _____
 Resistivity: _____
 pH Factor: _____
 AASHTO Classification: A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-29-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER Station: "P" 1340 + 00 Route: US 95
ALTAMIRANO Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 243 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: <u>ENG TECH III</u>	0-- 1-- 2-- 3-- 4-- 5-- 6-- 7-- 8-- 9-- 10--	Contaminated Shoulder Material Clay	100

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	100
3/8"	99
No. 4	95
No. 10	91
No. 16	89
No. 40	84
No. 50	79
No. 100	71
No. 200	63

Liquid Limit	<u>44</u>	
Plastic Index	<u>26</u>	
Specific Gravity	_____	
Resistance Value	<u>15</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>24.0</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-7-6(14)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-30-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER Station: "P" 1345 + 00 Route: US 95
ALTAMIRANO Location from CL (ft) Lt. 15' Rt. _____
 Sample No.: 244 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--	Contaminated Shoulder	0-- 100
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	1--	Material	1--
Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/>	2--		2--
Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/>	3--		3--
Gravel Depth (in) <u>12"</u> Oil Depth (in) _____	4--	Clay	4--
Remarks: _____	5--		5--
	6--		6--
	7--		7--
	8--		8--
Submitted By: <u>ORLANDO ALTAMIRANO</u>	9--		9--
Title: <u>ENG TECH III</u>	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	97
No. 16	97
No. 40	95
No. 50	94
No. 100	91
No. 200	87

Liquid Limit	<u>62</u>	
Plastic Index	<u>37</u>	
Specific Gravity	_____	
Resistance Value	<u>16</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>23.7</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-7-6(36)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-31-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER Station: "P" 1350 + 00 Route: US 95
ALTAMIRANO Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 245 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: <u>ENG TECH III</u>	0-- 1-- 2-- 3-- 4-- 5-- 6-- 7-- 8-- 9-- 10--	Contaminated Shoulder Material Silt Sand Lt. Clay	100

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	98
3/8"	96
No. 4	95
No. 10	95
No. 16	94
No. 40	88
No. 50	77
No. 100	50
No. 200	28

Liquid Limit	<u>19</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>47</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>13.8</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-32-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER Station: "P" 1355 + 00 Route: US 95
ALTAMIRANO Location from CL (ft) Lt. 15' Rt. _____
 Sample No.: 246 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: <u>ENG TECH III</u>	0-- 1-- 2-- 3-- 4-- 5-- 6-- 7-- 8-- 9-- 10--	Contaminated Shoulder Material Clay 	100

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	98
No. 16	97
No. 40	95
No. 50	93
No. 100	89
No. 200	84

Liquid Limit	<u>93</u>	
Plastic Index	<u>72</u>	
Specific Gravity	_____	
Resistance Value	<u>15</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>24.0</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-7-6(66)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-33-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER Station: "P" 1360 + 00 Route: US 95
ALTAMIRANO Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 247 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--		2--
	3--		3--
	4--	Clay	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	98
3/8"	98
No. 4	97
No. 10	96
No. 16	94
No. 40	89
No. 50	84
No. 100	76
No. 200	67

Liquid Limit	<u>44</u>	
Plastic Index	<u>28</u>	
Specific Gravity	_____	
Resistance Value	<u>13</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>24.7</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-7-6(16)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-34-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER Station: "P" 1365 + 00 Route: US 95
ALTAMIRANO Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 248 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: <u>ENG TECH III</u>	0-- 1-- 2-- 3-- 4-- 5-- 6-- 7-- 8-- 9-- 10--	Contaminated Shoulder Material Clay	100

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	98
3/8"	95
No. 4	91
No. 10	87
No. 16	85
No. 40	78
No. 50	72
No. 100	61
No. 200	48

Liquid Limit	<u>32</u>	
Plastic Index	<u>17</u>	
Specific Gravity	_____	
Resistance Value	<u>20</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>22.4</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-6(4)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-35-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER Station: "P" 1370 + 00 Route: US 95
ALTAMIRANO Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 249 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: <u>ENG TECH III</u>	0-- 1-- 2-- 3-- 4-- 5-- 6-- 7-- 8-- 9-- 10--	Contaminated Shoulder Material Clay	100

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	97
No. 16	96
No. 40	91
No. 50	87
No. 100	77
No. 200	65

Liquid Limit	<u>36</u>	
Plastic Index	<u>20</u>	
Specific Gravity	_____	
Resistance Value	<u>11</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>25.3</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-6(10)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-48-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER Station: "P" 1375 + 00 Route: US 95
ALTAMIRANO Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 250 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--		2--
	3--		3--
	4--	Clay	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	99
3/8"	97
No. 4	94
No. 10	92
No. 16	90
No. 40	87
No. 50	85
No. 100	80
No. 200	73

Liquid Limit	<u>65</u>	
Plastic Index	<u>48</u>	
Specific Gravity	_____	
Resistance Value	<u>11</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>25.3</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-7-6(34)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-49-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER Station: "P" 1380 + 00 Route: US 95
ALTAMIRANO Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 251 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____

 Submitted By: ORLANDO ALTAMIRANO
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	0--
1--	Material	1--
2--	Silt	2--
3--	Sand	3--
4--	Very Lt. Clay	4--
5--	Clay	5--
6--		6--
7--		7--
8--		8--
9--		9--
10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	100
3/8"	96
No. 4	92
No. 10	86
No. 16	81
No. 40	74
No. 50	69
No. 100	61
No. 200	51

Liquid Limit 36
 Plastic Index 20
 Specific Gravity _____
 Resistance Value 14
 Cover Stabilometer _____
 Thickness 24.4 Expansion Pressure _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-6(6)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-50-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER Station: "P" 1385 + 00 Route: US 95
ALTAMIRANO Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 252 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: ORLANDO ALTAMIRANO
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	100
1--	Material	
2--		
3--		
4--	Clay	
5--		
6--		
7--		
8--		
9--		
10--		

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	100
3/4"	97
1/2"	97
3/8"	97
No. 4	95
No. 10	92
No. 16	89
No. 40	83
No. 50	77
No. 100	66
No. 200	52

Liquid Limit 31
 Plastic Index 17
 Specific Gravity _____
 Resistance Value 12
 Cover Stabilometer Expansion Pressure _____
 Thickness 25.0
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-6(5)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-51-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER Station: "P" 1390 + 00 Route: US 95
ALTAMIRANO Location from CL (ft) Lt. _____ Rt. 15'
 Sample No.: 253 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--		2--
	3--		3--
	4--	Clay	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	97
3/8"	96
No. 4	93
No. 10	90
No. 16	88
No. 40	81
No. 50	75
No. 100	63
No. 200	51

Liquid Limit	<u>32</u>	
Plastic Index	<u>18</u>	
Specific Gravity	_____	
Resistance Value	<u>14</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>24.4</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-6(5)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-52-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER Station: "P" 1395 + 00 Route: US 95
ALTAMIRANO Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 254 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: <u>ENG TECH III</u>	0-- 1-- 2-- 3-- 4-- 5-- 6-- 7-- 8-- 9-- 10--	Contaminated Shoulder Material Clay	100

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	100
3/8"	99
No. 4	97
No. 10	95
No. 16	94
No. 40	87
No. 50	75
No. 100	48
No. 200	25

Liquid Limit	<u>36</u>	
Plastic Index	<u>20</u>	
Specific Gravity	_____	
Resistance Value	<u>15</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>24.0</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-6(1)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-53-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER Station: "P" 1400 + 00 Route: US 95
ALTAMIRANO Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 255 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: <u>ENG TECH III</u>	0-- 1-- 2-- 3-- 4-- 5-- 6-- 7-- 8-- 9-- 10--	Contaminated Shoulder Material Clay	100

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	99
3/8"	98
No. 4	94
No. 10	90
No. 16	87
No. 40	80
No. 50	75
No. 100	66
No. 200	57

Liquid Limit	<u>40</u>	
Plastic Index	<u>23</u>	
Specific Gravity	_____	
Resistance Value	<u>18</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>23.1</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-6(10)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-54-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER Station: "P" 1405 + 00 Route: US 95
ALTAMIRANO Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 256 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1
	2--	Silt	2--
	3--	Sand	3--
	4--	Lt. Clay	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	97
No. 10	94
No. 16	92
No. 40	85
No. 50	76
No. 100	57
No. 200	39

Liquid Limit	<u>26</u>	
Plastic Index	<u>14</u>	
Specific Gravity	_____	
Resistance Value	<u>30</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>19.2</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-6(1)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-55-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER Station: "P" 1410 + 00 Route: US 95
ALTAMIRANO Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 257 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--	Contaminated Shoulder	0-- 100
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	1--	Material	1--
Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/>	2--	Silt, Sand	2--
Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/>	3--	Lt Clay	3--
Gravel Depth (in) <u>12"</u> Oil Depth (in) _____	4--	-----	4--
Remarks: _____	5--	Clay	5--
_____	6--		6--
_____	7--		7--
Submitted By: <u>ORLANDO ALTAMIRANO</u>	8--		8--
Title: <u>ENG TECH III</u>	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	98
3/8"	96
No. 4	94
No. 10	92
No. 16	89
No. 40	81
No. 50	71
No. 100	55
No. 200	43

Liquid Limit	<u>34</u>	
Plastic Index	<u>21</u>	
Specific Gravity	_____	
Resistance Value	<u>23</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>21.5</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-6(4)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-56-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER Station: "P" 1415 + 00 Route: US 95
ALTAMIRANO Location from CL (ft) Lt. 15' Rt. _____
 Sample No.: 258 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: ORLANDO ALTAMIRANO
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	0-- 100
1--	Material	1--
2--	Silt, Sand	2--
3--	Lt Clay	3--
4--	-----	4--
5--	Clay	5--
6--		6--
7--		7--
8--		8--
9--		9--
10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	97
No. 16	96
No. 40	86
No. 50	73
No. 100	48
No. 200	30

Liquid Limit 25
 Plastic Index 9
 Specific Gravity _____
 Resistance Value 44
 Cover Stabilometer _____
 Thickness 14.7 Expansion Pressure _____
 Sand Equivalentt _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-57-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER Station: "P" 1420 + 00 Route: US 95
ALTAMIRANO Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 259 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: <u>ENG TECH III</u>	0-- 1-- 2-- 3-- 4-- 5-- 6-- 7-- 8-- 9-- 10--	Contaminated Shoulder Material Silt Sand Clay	100

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	100
3/8"	99
No. 4	97
No. 10	93
No. 16	90
No. 40	84
No. 50	77
No. 100	63
No. 200	49

Liquid Limit	<u>30</u>	
Plastic Index	<u>15</u>	
Specific Gravity	_____	
Resistance Value	<u>25</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>20.8</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-6(4)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-58-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, RIGSBY Station: "P" 1425 + 00 Route: US 95
ALTAMIRANO Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 260 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: <u>ENG TECH III</u>	0-- 1-- 2-- 3-- 4-- 5-- 6-- 7-- 8-- 9-- 10--	Contaminated Shoulder Material Silt, Sand Lt. Clay Clay	100

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	100
3/8"	98
No. 4	96
No. 10	93
No. 16	91
No. 40	84
No. 50	79
No. 100	68
No. 200	55

Liquid Limit	<u>23</u>	
Plastic Index	<u>7</u>	
Specific Gravity	_____	
Resistance Value	<u>56</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>10.9</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-4(1)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-59-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, RIGSBY Station: "P" 1430 + 00 Route: US 95
ALTAMIRANO Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 261 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt	2--
	3--	Sand	3--
	4--	Lt. Clay	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	98
No. 10	96
No. 16	95
No. 40	89
No. 50	81
No. 100	53
No. 200	27

Liquid Limit	<u>19</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>73</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>5.4</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-60-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, RIGSBY Station: "P" 1435 + 00 Route: US 95
ALTAMIRANO Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 262 County: CHURCHILL

Sample Type: RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: <u>ENG TECH III</u>	<table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">Depth (ft)</th> <th style="text-align: left;">Boring Description</th> <th style="text-align: left;">PSI</th> </tr> <tr> <td style="border-top: 1px solid black; border-bottom: 1px solid black;">0--</td> <td style="border-top: 1px solid black; border-bottom: 1px solid black;">Contaminated Shoulder</td> <td style="border-top: 1px solid black; border-bottom: 1px solid black;">0--</td> </tr> <tr> <td style="border-bottom: 1px solid black;">1--</td> <td style="border-bottom: 1px solid black;">Material</td> <td style="border-bottom: 1px solid black;">1--</td> </tr> <tr> <td style="border-bottom: 1px solid black;">2--</td> <td style="border-bottom: 1px solid black;">Silt</td> <td style="border-bottom: 1px solid black;">2--</td> </tr> <tr> <td style="border-bottom: 1px solid black;">3--</td> <td style="border-bottom: 1px solid black;">Sand</td> <td style="border-bottom: 1px solid black;">3--</td> </tr> <tr> <td style="border-bottom: 1px solid black;">4--</td> <td style="border-bottom: 1px solid black;">Clay</td> <td style="border-bottom: 1px solid black;">4--</td> </tr> <tr> <td style="border-bottom: 1px solid black;">5--</td> <td style="border-bottom: 1px solid black;"></td> <td style="border-bottom: 1px solid black;">5--</td> </tr> <tr> <td style="border-bottom: 1px solid black;">6--</td> <td style="border-bottom: 1px solid black;"></td> <td style="border-bottom: 1px solid black;">6--</td> </tr> <tr> <td style="border-bottom: 1px solid black;">7--</td> <td style="border-bottom: 1px solid black;"></td> <td style="border-bottom: 1px solid black;">7--</td> </tr> <tr> <td style="border-bottom: 1px solid black;">8--</td> <td style="border-bottom: 1px solid black;"></td> <td style="border-bottom: 1px solid black;">8--</td> </tr> <tr> <td style="border-bottom: 1px solid black;">9--</td> <td style="border-bottom: 1px solid black;"></td> <td style="border-bottom: 1px solid black;">9--</td> </tr> <tr> <td style="border-bottom: 1px solid black;">10--</td> <td style="border-bottom: 1px solid black;"></td> <td style="border-bottom: 1px solid black;">10--</td> </tr> </table>	Depth (ft)	Boring Description	PSI	0--	Contaminated Shoulder	0--	1--	Material	1--	2--	Silt	2--	3--	Sand	3--	4--	Clay	4--	5--		5--	6--		6--	7--		7--	8--		8--	9--		9--	10--		10--
Depth (ft)	Boring Description	PSI																																			
0--	Contaminated Shoulder	0--																																			
1--	Material	1--																																			
2--	Silt	2--																																			
3--	Sand	3--																																			
4--	Clay	4--																																			
5--		5--																																			
6--		6--																																			
7--		7--																																			
8--		8--																																			
9--		9--																																			
10--		10--																																			

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	100
3/4"	96
1/2"	96
3/8"	94
No. 4	88
No. 10	80
No. 16	76
No. 40	68
No. 50	64
No. 100	54
No. 200	39

Liquid Limit	<u>41</u>	
Plastic Index	<u>20</u>	
Specific Gravity	_____	
Resistance Value	<u>34</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>17.9</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-7-6(3)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-61-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, RIGSBY Station: "P" 1440 + 00 Route: US 95
ALTAMIRANO Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 263 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt	2--
	3--	Sand	3--
	4--	Clay	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	100
3/4"	95
1/2"	95
3/8"	95
No. 4	94
No. 10	92
No. 16	90
No. 40	78
No. 50	69
No. 100	49
No. 200	32

Liquid Limit	<u>27</u>	
Plastic Index	<u>10</u>	
Specific Gravity	_____	
Resistance Value	<u>53</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>11.9</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-62-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, RIGSBY Station: "P" 1445 + 00 Route: US 95
ALTAMIRANO Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 264 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt	2--
	3--	Sand	3--
	4--	Clay	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	97
3/8"	97
No. 4	94
No. 10	91
No. 16	89
No. 40	82
No. 50	77
No. 100	59
No. 200	36

Liquid Limit	<u>28</u>	
Plastic Index	<u>6</u>	
Specific Gravity	_____	
Resistance Value	<u>4</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>27.6</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-63-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, RIGSBY Station: "P" 1450 + 00 Route: US 95
ALTAMIRANO Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 265 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: <u>ENG TECH III</u>	0-- 1-- 2-- 3-- 4-- 5-- 6-- 7-- 8-- 9-- 10--	Contaminated Shoulder Material Silt Sand Clay	100

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	98
3/8"	98
No. 4	93
No. 10	90
No. 16	87
No. 40	78
No. 50	71
No. 100	54
No. 200	31

Liquid Limit	<u>25</u>	
Plastic Index	<u>4</u>	
Specific Gravity	_____	
Resistance Value	<u>3</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>27.9</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-64-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, RIGSBY Station: "P" 1455 + 00 Route: US 95
ALTAMIRANO Location from CL (ft) Lt. 15' Rt. _____
 Sample No.: 266 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt	2--
	3--	Sand	3--
	4--	Clay	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	100
3/8"	98
No. 4	93
No. 10	88
No. 16	83
No. 40	67
No. 50	57
No. 100	41
No. 200	29

Liquid Limit	<u>24</u>	
Plastic Index	<u>11</u>	
Specific Gravity	_____	
Resistance Value	<u>6</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>26.9</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-6(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-65-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, RIGSBY Station: "P" 1460 + 00 Route: US 95
ALTAMIRANO Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 267 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt	2--
	3--	Sand	3--
	4--	Clay	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	99
3/8"	94
No. 4	88
No. 10	81
No. 16	75
No. 40	59
No. 50	50
No. 100	38
No. 200	29

Liquid Limit	<u>28</u>	
Plastic Index	<u>14</u>	
Specific Gravity	_____	
Resistance Value	<u>8</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>26.3</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-6(1)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-66-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, RIGSBY Station: "P" 1465 + 00 Route: US 95
ALTAMIRANO Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 268 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt, Sand	2--
	3--	Gravel	3--
	4--	Lt. Clay	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	100
1.5"	98
1"	96
3/4"	93
1/2"	89
3/8"	83
No. 4	73
No. 10	62
No. 16	57
No. 40	44
No. 50	36
No. 100	25
No. 200	19

Liquid Limit	<u>22</u>	
Plastic Index	<u>9</u>	
Specific Gravity	_____	
Resistance Value	<u>6</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>26.9</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-67-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, RIGSBY Station: "P" 1470 + 00 Route: US 95
ALTAMIRANO Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 269 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt	2--
	3--	Sand	3--
	4--	Clay	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	100
3/4"	98
1/2"	95
3/8"	94
No. 4	89
No. 10	81
No. 16	76
No. 40	58
No. 50	47
No. 100	31
No. 200	22

Liquid Limit	<u>21</u>	
Plastic Index	<u>6</u>	
Specific Gravity	_____	
Resistance Value	<u>9</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>26.0</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-68-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, RIGSBY Station: "P" 1475 + 00 Route: US 95
ALTAMIRANO Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 270 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt	2--
	3--	Sand	3--
	4--	Clay	4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	95
3/8"	93
No. 4	85
No. 10	76
No. 16	71
No. 40	54
No. 50	43
No. 100	28
No. 200	20

Liquid Limit	<u>22</u>	
Plastic Index	<u>8</u>	
Specific Gravity	_____	
Resistance Value	<u>1</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>28.5</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-69-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, RIGSBY Station: "P" 1480 + 00 Route: US 95
ALTAMIRANO Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 271 County: CHURCHILL

Sample Type: <input checked="" type="checkbox"/> RV <input type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: <u>ENG TECH III</u>	<table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 10%;">Depth (ft)</th> <th style="width: 80%;">Boring Description</th> <th style="width: 10%;">PSI</th> </tr> <tr> <td style="text-align: center;">0--</td> <td style="text-align: center;">Contaminated Shoulder</td> <td style="text-align: center;">0--</td> </tr> <tr> <td style="text-align: center;">1--</td> <td style="text-align: center;">Material</td> <td style="text-align: center;">1--</td> </tr> <tr> <td style="text-align: center;">2--</td> <td style="text-align: center;">Silt</td> <td style="text-align: center;">2--</td> </tr> <tr> <td style="text-align: center;">3--</td> <td style="text-align: center;">Sand</td> <td style="text-align: center;">3--</td> </tr> <tr> <td style="text-align: center;">4--</td> <td></td> <td style="text-align: center;">4--</td> </tr> <tr> <td style="text-align: center;">5--</td> <td></td> <td style="text-align: center;">5--</td> </tr> <tr> <td style="text-align: center;">6--</td> <td></td> <td style="text-align: center;">6--</td> </tr> <tr> <td style="text-align: center;">7--</td> <td></td> <td style="text-align: center;">7--</td> </tr> <tr> <td style="text-align: center;">8--</td> <td></td> <td style="text-align: center;">8--</td> </tr> <tr> <td style="text-align: center;">9--</td> <td></td> <td style="text-align: center;">9--</td> </tr> <tr> <td style="text-align: center;">10--</td> <td></td> <td style="text-align: center;">10--</td> </tr> </table>	Depth (ft)	Boring Description	PSI	0--	Contaminated Shoulder	0--	1--	Material	1--	2--	Silt	2--	3--	Sand	3--	4--		4--	5--		5--	6--		6--	7--		7--	8--		8--	9--		9--	10--		10--
Depth (ft)	Boring Description	PSI																																			
0--	Contaminated Shoulder	0--																																			
1--	Material	1--																																			
2--	Silt	2--																																			
3--	Sand	3--																																			
4--		4--																																			
5--		5--																																			
6--		6--																																			
7--		7--																																			
8--		8--																																			
9--		9--																																			
10--		10--																																			

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	96
3/8"	94
No. 4	87
No. 10	80
No. 16	76
No. 40	62
No. 50	53
No. 100	40
No. 200	30

Liquid Limit	<u>23</u>	
Plastic Index	<u>11</u>	
Specific Gravity	_____	
Resistance Value	<u>8</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>26.3</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-6(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-70-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, RIGSBY Station: "P" 1485 + 00 Route: US 95
ALTAMIRANO Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 272 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1
	2--	Silt	2--
	3--	Sand	3--
	4--	Clay	4--
	5--		5
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	99
3/8"	97
No. 4	91
No. 10	84
No. 16	80
No. 40	63
No. 50	52
No. 100	34
No. 200	21

Liquid Limit 21
 Plastic Index 5
 Specific Gravity _____
 Resistance Value 6
 Cover Stabilometer Expansion Pressure _____
 Thickness 26.9
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-71-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, RIGSBY Station: "P" 1490 + 00 Route: US 95
ALTAMIRANO Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 273 County: CHURCHILL

Sample Type: <input checked="" type="checkbox"/> RV <input type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: <u>ENG TECH III</u>	<table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left; border-bottom: 1px solid black;">Depth (ft)</th> <th style="text-align: left; border-bottom: 1px solid black;">Boring Description</th> <th style="text-align: left; border-bottom: 1px solid black;">PSI</th> </tr> <tr> <td style="border-bottom: 1px solid black;">0--</td> <td style="border-bottom: 1px solid black;">Contaminated Shoulder</td> <td style="border-bottom: 1px solid black;">0--</td> </tr> <tr> <td style="border-bottom: 1px solid black;">1--</td> <td style="border-bottom: 1px solid black;">Material</td> <td style="border-bottom: 1px solid black;">1--</td> </tr> <tr> <td style="border-bottom: 1px solid black;">2--</td> <td style="border-bottom: 1px solid black;">Silt</td> <td style="border-bottom: 1px solid black;">2--</td> </tr> <tr> <td style="border-bottom: 1px solid black;">3--</td> <td style="border-bottom: 1px solid black;">Sand</td> <td style="border-bottom: 1px solid black;">3--</td> </tr> <tr> <td style="border-bottom: 1px solid black;">4--</td> <td style="border-bottom: 1px solid black;">Clay</td> <td style="border-bottom: 1px solid black;">4--</td> </tr> <tr> <td style="border-bottom: 1px solid black;">5--</td> <td style="border-bottom: 1px solid black;"></td> <td style="border-bottom: 1px solid black;">5--</td> </tr> <tr> <td style="border-bottom: 1px solid black;">6--</td> <td style="border-bottom: 1px solid black;"></td> <td style="border-bottom: 1px solid black;">6--</td> </tr> <tr> <td style="border-bottom: 1px solid black;">7--</td> <td style="border-bottom: 1px solid black;"></td> <td style="border-bottom: 1px solid black;">7--</td> </tr> <tr> <td style="border-bottom: 1px solid black;">8--</td> <td style="border-bottom: 1px solid black;"></td> <td style="border-bottom: 1px solid black;">8--</td> </tr> <tr> <td style="border-bottom: 1px solid black;">9--</td> <td style="border-bottom: 1px solid black;"></td> <td style="border-bottom: 1px solid black;">9--</td> </tr> <tr> <td style="border-bottom: 1px solid black;">10--</td> <td style="border-bottom: 1px solid black;"></td> <td style="border-bottom: 1px solid black;">10--</td> </tr> </table>	Depth (ft)	Boring Description	PSI	0--	Contaminated Shoulder	0--	1--	Material	1--	2--	Silt	2--	3--	Sand	3--	4--	Clay	4--	5--		5--	6--		6--	7--		7--	8--		8--	9--		9--	10--		10--
Depth (ft)	Boring Description	PSI																																			
0--	Contaminated Shoulder	0--																																			
1--	Material	1--																																			
2--	Silt	2--																																			
3--	Sand	3--																																			
4--	Clay	4--																																			
5--		5--																																			
6--		6--																																			
7--		7--																																			
8--		8--																																			
9--		9--																																			
10--		10--																																			

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	92
3/8"	88
No. 4	81
No. 10	74
No. 16	69
No. 40	53
No. 50	44
No. 100	30
No. 200	20

Liquid Limit	<u>20</u>	
Plastic Index	<u>5</u>	
Specific Gravity	_____	
Resistance Value	<u>3</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>27.9</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-72-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, RIGSBY Station: "P" 1495 + 00 Route: US 95
ALTAMIRANO Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 274 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: <u>ENG TECH III</u>	0-- 1-- 2-- 3-- 4-- 5-- 6-- 7-- 8-- 9-- 10--	Contaminated Shoulder Material Silt Sand Lt Gravel Lt Clay	100

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	100
3/4"	97
1/2"	85
3/8"	80
No. 4	72
No. 10	65
No. 16	61
No. 40	48
No. 50	41
No. 100	29
No. 200	22

Liquid Limit	<u>20</u>	
Plastic Index	<u>8</u>	
Specific Gravity	_____	
Resistance Value	<u>3</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>27.9</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-73-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, RIGSBY Station: "P" 1500 + 00 Route: US 95
ALTAMIRANO Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 275 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: Cut on Rt side of Roadway
 Submitted By: ORLANDO ALTAMIRANO
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	100
1--	Material	
2--	Silt, Sand, Lt Gravel, Clay	
3--	Silt	
4--	Sand	
5--	Gravel	
6--		
7--		
8--		
9--		
10--		

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	100
3/4"	99
1/2"	94
3/8"	90
No. 4	78
No. 10	66
No. 16	62
No. 40	50
No. 50	45
No. 100	36
No. 200	31

Liquid Limit 32
 Plastic Index 18
 Specific Gravity _____
 Resistance Value 3
 Cover Stabilometer Thickness 27.9 Expansion Pressure _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-6(1)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-74-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, RIGSBY Station: "P" 1505 + 00 Route: US 95
ALTAMIRANO Location from CL (ft) Lt. 15' Rt. _____
 Sample No.: 276 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: <u>Hard drilling from 4' -5', cut on right side of roadway</u>	0-- 1-- 2-- 3-- 4-- 5-- 6-- 7-- 8-- 9-- 10--	Contaminated Shoulder Material Silt, Sand, Lt Gravel Clay ----- Silt Sand, Gravel, Cobbles	100 500

Submitted By: ORLANDO ALTAMIRANO
 Title: ENG TECH III

Sieve Size	% Passing
3"	
2"	
1.5"	100
1"	95
3/4"	90
1/2"	84
3/8"	79
No. 4	69
No. 10	57
No. 16	52
No. 40	43
No. 50	39
No. 100	32
No. 200	27

Liquid Limit	<u>36</u>	
Plastic Index	<u>21</u>	
Specific Gravity	_____	
Resistance Value	<u>2</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>28.2</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-6(1)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-75-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, RIGSBY Station: "P" 1510 + 00 Route: US 95
ALTAMIRANO Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 277 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: ORLANDO ALTAMIRANO
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	100
1--	Material	
2--	Silt	
3--	Sand	
4--	Lt. Gravel	
5--	Clay	
6--		
7--		
8--		
9--		
10--		

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	99
3/8"	97
No. 4	92
No. 10	84
No. 16	81
No. 40	74
No. 50	71
No. 100	65
No. 200	58

Liquid Limit 44
 Plastic Index 28
 Specific Gravity _____
 Resistance Value 5
 Cover Stabilometer Expansion Pressure _____
 Thickness 27.2
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-7-6(13)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-76-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, RIGSBY Station: "P" 1515 + 00 Route: US 95
ALTAMIRANO Location from CL (ft) Lt. 15' Rt. _____
 Sample No.: 278 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____

 Submitted By: ORLANDO ALTAMIRANO
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	100
1--	Material	
2--	Silt	
3--	Sand	
4--	Lt. Gravel	
5--	Clay	
6--		
7--		
8--		
9--		
10--		

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	100
3/8"	99
No. 4	92
No. 10	84
No. 16	80
No. 40	71
No. 50	67
No. 100	55
No. 200	44

Liquid Limit 55
 Plastic Index 38
 Specific Gravity _____
 Resistance Value 13
 Cover Stabilometer _____
 Thickness 24.7 Expansion Pressure _____
 Sand Equivalentt _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-7-6(11)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-77-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/15/12
 Samplers: BAKER, RIGSBY Station: "P" 1520 + 00 Route: US 95
ALTAMIRANO Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 279 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input checked="" type="checkbox"/> Fill Section <input type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: <u>ENG TECH III</u>	0-- 1-- 2-- 3-- 4-- 5-- 6-- 7-- 8-- 9-- 10--	Contaminated Shoulder Material Silt Sand Very Lt Gravel	100

Sieve Size	% Passing
3"	
2"	
1.5"	100
1"	90
3/4"	90
1/2"	88
3/8"	87
No. 4	85
No. 10	82
No. 16	80
No. 40	74
No. 50	67
No. 100	36
No. 200	17

Liquid Limit	<u>23</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>55</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>11.2</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-78-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/17/12
 Samplers: WIMER, RIGSBY Station: "P" 1525 + 00 Route: US 95
ALTAMIRANO Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 280 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--	Contaminated Shoulder	0-- 100
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	1--	Material	1--
Cut Section <input checked="" type="checkbox"/> Fill Section <input type="checkbox"/>	2--	Silt	2--
Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/>	3--	Sand	3--
Gravel Depth (in) <u>12"</u> Oil Depth (in) _____	4--		4--
Remarks: _____	5--		5--
	6--		6--
	7--		7--
	8--		8--
Submitted By: <u>BOB WIMER</u>	9--		9--
Title: <u>ENG TECH III</u>	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	98
No. 10	96
No. 16	95
No. 40	92
No. 50	82
No. 100	26
No. 200	12

Liquid Limit	<u>21</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>65</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>8.0</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-79-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/17/12
 Samplers: WIMER, RIGSBY Station: "P" 1530 + 00 Route: US 95
ALTAMIRANO Location from CL (ft) Lt. _____ Rt. 15'
 Sample No.: 281 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____

 Submitted By: BOB WIMER
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	100
1--	Material	
2--	Silt	
3--	Sand	
4--	Gravel	
5--	Clay	
6--		
7--		
8--		
9--		
10--		

Sieve Size	% Passing
3"	
2"	
1.5"	100
1"	90
3/4"	85
1/2"	73
3/8"	65
No. 4	54
No. 10	44
No. 16	40
No. 40	33
No. 50	28
No. 100	21
No. 200	16

Liquid Limit 29
 Plastic Index 16
 Specific Gravity _____
 Resistance Value 6
 Cover Stabilometer Expansion Pressure
 Thickness 26.9 _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-6(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-80-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/17/12
 Samplers: WIMER, RIGSBY Station: "P" 1535 + 00 Route: US 95
ALTAMIRANO Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 282 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: BOB WIMER
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	100
1--	Material	
2--	Silt	
3--	Sand	
4--	Gravel	
5--	Clay	
6--		
7--		
8--		
9--		
10--		

Sieve Size	% Passing
3"	
2"	100
1.5"	97
1"	86
3/4"	82
1/2"	66
3/8"	56
No. 4	44
No. 10	37
No. 16	34
No. 40	28
No. 50	24
No. 100	17
No. 200	12

Liquid Limit 25
 Plastic Index 12
 Specific Gravity _____
 Resistance Value 8
 Cover Stabilometer Expansion Pressure
 Thickness 26.3
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-6(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-81-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/17/12
 Samplers: WIMER, RIGSBY Station: "P" 1540 + 00 Route: US 95
ALTAMIRANO Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 283 County: CHURCHILL

Sample Type: _____
 RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____
 Submitted By: BOB WIMER
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	100
1--	Material	
2--	Silt	
3--	Sand	
4--	Gravel	
5--	Light Clay	
6--		
7--		
8--		
9--		
10--		

Sieve Size	% Passing
3"	
2"	
1.5"	100
1"	98
3/4"	90
1/2"	80
3/8"	71
No. 4	54
No. 10	42
No. 16	37
No. 40	31
No. 50	28
No. 100	21
No. 200	16

Liquid Limit 28
 Plastic Index 16
 Specific Gravity _____
 Resistance Value 11
 Cover Stabilometer Thickness 25.3 Expansion Pressure _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-6(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-82-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/17/12
 Samplers: WIMER, RIGSBY Station: "P" 1545 + 00 Route: US 95
ALTAMIRANO Location from CL (ft) Lt. 15' Rt. _____
 Sample No.: 284 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--	Contaminated Shoulder	0-- 100
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	1--	Material	1
Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/>	2--	Silt	2--
Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/>	3--	Sand	3--
Gravel Depth (in) <u>12"</u> Oil Depth (in) _____	4--	Gravel	4--
Remarks: _____	5--	Clay	5--
_____	6--		6--
_____	7--		7--
Submitted By: <u>BOB WIMER</u>	8--		8--
Title: <u>ENG TECH III</u>	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	100
1"	88
3/4"	82
1/2"	65
3/8"	56
No. 4	44
No. 10	35
No. 16	32
No. 40	25
No. 50	20
No. 100	15
No. 200	12

Liquid Limit	<u>28</u>	
Plastic Index	<u>12</u>	
Specific Gravity	_____	
Resistance Value	<u>37</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>17.0</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-6(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-83-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/17/12
 Samplers: WIMER, RIGSBY Station: "P" 1550 + 00 Route: US 95
ALTAMIRANO Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 285 County: CHURCHILL

<p>Sample Type: <input checked="" type="checkbox"/> RV <input type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/></p> <p>Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/></p> <p>Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/></p> <p>Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/></p> <p>Gravel Depth (in) <u>12"</u> Oil Depth (in) _____</p> <p>Remarks: _____</p> <p>Submitted By: <u>BOB WIMER</u></p> <p>Title: <u>ENG TECH III</u></p>	<table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; border-bottom: 1px solid black;">Depth (ft)</th> <th style="text-align: left; border-bottom: 1px solid black;">Boring Description</th> <th style="text-align: left; border-bottom: 1px solid black;">PSI</th> </tr> </thead> <tbody> <tr> <td style="border-right: 1px solid black;">0--</td> <td>Contaminated Shoulder</td> <td>0--</td> </tr> <tr> <td style="border-right: 1px solid black;">1--</td> <td>Material</td> <td>1--</td> </tr> <tr> <td style="border-right: 1px solid black;">2--</td> <td>Silt</td> <td>2--</td> </tr> <tr> <td style="border-right: 1px solid black;">3--</td> <td>Sand</td> <td>3--</td> </tr> <tr> <td style="border-right: 1px solid black;">4--</td> <td>Gravel</td> <td>4--</td> </tr> <tr> <td style="border-right: 1px solid black;">5--</td> <td>Very Light Clay</td> <td>5--</td> </tr> <tr> <td style="border-right: 1px solid black;">6--</td> <td></td> <td>6--</td> </tr> <tr> <td style="border-right: 1px solid black;">7--</td> <td></td> <td>7--</td> </tr> <tr> <td style="border-right: 1px solid black;">8--</td> <td></td> <td>8--</td> </tr> <tr> <td style="border-right: 1px solid black;">9--</td> <td></td> <td>9--</td> </tr> <tr> <td style="border-right: 1px solid black;">10--</td> <td></td> <td>10--</td> </tr> </tbody> </table>	Depth (ft)	Boring Description	PSI	0--	Contaminated Shoulder	0--	1--	Material	1--	2--	Silt	2--	3--	Sand	3--	4--	Gravel	4--	5--	Very Light Clay	5--	6--		6--	7--		7--	8--		8--	9--		9--	10--		10--
Depth (ft)	Boring Description	PSI																																			
0--	Contaminated Shoulder	0--																																			
1--	Material	1--																																			
2--	Silt	2--																																			
3--	Sand	3--																																			
4--	Gravel	4--																																			
5--	Very Light Clay	5--																																			
6--		6--																																			
7--		7--																																			
8--		8--																																			
9--		9--																																			
10--		10--																																			

Sieve Size	% Passing
3"	
2"	
1.5"	100
1"	97
3/4"	88
1/2"	77
3/8"	70
No. 4	63
No. 10	57
No. 16	55
No. 40	49
No. 50	43
No. 100	26
No. 200	16

Liquid Limit	<u>20</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>19</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>22.8</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-1-b</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-84-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/17/12
 Samplers: WIMER, RIGSBY Station: "P" 1555 + 00 Route: US 95
ALTAMIRANO Location from CL (ft) Lt. 15' Rt. _____
 Sample No.: 286 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) 12" Oil Depth (in) _____
 Remarks: _____

 Submitted By: BOB WIMER
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--	Contaminated Shoulder	100
1--	Material	
2--	Silt	
3--	Sand	
4--	Gravel	
5--	Very Light Clay	
6--		
7--		
8--		
9--		
10--		

Sieve Size	% Passing
3"	
2"	100
1.5"	96
1"	85
3/4"	72
1/2"	66
3/8"	59
No. 4	49
No. 10	41
No. 16	38
No. 40	32
No. 50	27
No. 100	13
No. 200	7

Liquid Limit 21
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 72
 Cover Stabilometer Expansion Pressure
 Thickness 5.8 _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-1-b

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-85-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/17/12
 Samplers: WIMER, RIGSBY Station: "P" 1560 + 00 Route: US 95
ALTAMIRANO Location from CL (ft) Lt. _____ Rt. 15
 Sample No.: 287 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1
	2--	Silt	2--
	3--	Sand	3--
	4--	Gravel	4--
	5--	Clay	5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	100
1"	82
3/4"	76
1/2"	69
3/8"	62
No. 4	48
No. 10	40
No. 16	37
No. 40	31
No. 50	28
No. 100	21
No. 200	16

Liquid Limit	<u>25</u>	
Plastic Index	<u>12</u>	
Specific Gravity	_____	
Resistance Value	<u>12</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>25.0</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-6(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-86-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/17/12
 Samplers: WIMER, RIGSBY Station: "P" 1565 + 00 Route: US 95
ALTAMIRANO Location from CL (ft) Lt. 15' Rt. _____
 Sample No.: 288 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--	Contaminated Shoulder	0-- 100
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	1--	Material	1--
Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/>	2--	Silt	2--
Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/>	3--	Sand	3--
Gravel Depth (in) <u>12"</u> Oil Depth (in) _____	4--	Gravel	4--
Remarks: _____	5--	Clay	5--
_____	6--		6--
_____	7--		7--
Submitted By: <u>BOB WIMER</u>	8--		8--
Title: <u>ENG TECH III</u>	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	100
1"	93
3/4"	90
1/2"	78
3/8"	71
No. 4	57
No. 10	50
No. 16	47
No. 40	41
No. 50	36
No. 100	22
No. 200	15

Liquid Limit	<u>25</u>	
Plastic Index	<u>7</u>	
Specific Gravity	_____	
Resistance Value	<u>27</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>20.2</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-87-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/17/12
 Samplers: WIMER, RIGSBY Station: "P" 1570 + 00 Route: US 95
ALTAMIRANO Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 289 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt	2--
	3--	Sand	3--
	4--	Gravel	4--
	5--	Clay	5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	100
1"	89
3/4"	89
1/2"	80
3/8"	77
No. 4	72
No. 10	65
No. 16	61
No. 40	53
No. 50	48
No. 100	34
No. 200	25

Liquid Limit	<u>23</u>	
Plastic Index	<u>8</u>	
Specific Gravity	_____	
Resistance Value	<u>11</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>25.3</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-88-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/17/12
 Samplers: WIMER, RIGSBY Station: "P" 1575 + 00 Route: US 95
ALTAMIRANO Location from CL (ft): Lt. 15' Rt. _____
 Sample No.: 290 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	0--	Contaminated Shoulder	0--
	1--	Material	1--
	2--	Silt	2--
	3--	Sand	3--
	4--	Gravel	4--
	5--	Clay	5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	100
1.5"	98
1"	96
3/4"	92
1/2"	81
3/8"	75
No. 4	67
No. 10	60
No. 16	57
No. 40	51
No. 50	48
No. 100	42
No. 200	37

Liquid Limit	<u>36</u>	
Plastic Index	<u>19</u>	
Specific Gravity	_____	
Resistance Value	<u>11</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>25.3</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-6(2)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-89-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/17/12
 Samplers: WIMER, RIGSBY Station: "P" 1580 + 00 Route: US 95
ALTAMIRANO Location from CL (ft): _____ Lt. _____ Rt. 15'
 Sample No.: 291 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--	Contaminated Shoulder	0-- 100
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	1--	Material	1--
Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/>	2--	Silt, Sand	2--
Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/>	3--	Gravel	3--
Gravel Depth (in) <u>12"</u> Oil Depth (in) _____	4--	Silt, Sand, Gravel, Clay	4--
Remarks: _____	5--	Clay	5--
_____	6--		6--
_____	7--		7--
Submitted By: <u>BOB WIMER</u>	8--		8--
Title: <u>ENG TECH III</u>	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	100
1"	92
3/4"	89
1/2"	69
3/8"	63
No. 4	54
No. 10	47
No. 16	44
No. 40	38
No. 50	35
No. 100	31
No. 200	27

Liquid Limit	<u>36</u>	
Plastic Index	<u>20</u>	
Specific Gravity	_____	
Resistance Value	<u>11</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>25.3</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-6(1)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-90-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/17/12
 Samplers: WIMER, RIGSBY Station: "P" 1585 + 00 Route: US 95
ALTAMIRANO Location from CL (ft) Lt. 15' Rt. _____
 Sample No.: 292 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--	Contaminated Shoulder	0-- 100
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	1--	Material	1--
Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/>	2--	Silt	2--
Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/>	3--	Sand	3--
Gravel Depth (in) <u>12"</u> Oil Depth (in) _____	4--	Gravel	4--
Remarks: _____	5--	Clay	5--
_____	6--		6--
_____	7--		7--
Submitted By: <u>BOB WIMER</u>	8--		8--
Title: <u>ENG TECH III</u>	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	100
1"	91
3/4"	84
1/2"	72
3/8"	63
No. 4	51
No. 10	45
No. 16	42
No. 40	37
No. 50	35
No. 100	30
No. 200	26

Liquid Limit	<u>33</u>	
Plastic Index	<u>18</u>	
Specific Gravity	_____	
Resistance Value	<u>9</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>26.0</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-6(1)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 2/15/2013
 Lab No.: S12-11, RV-91-13
 E.A.: 73616 Job Description: US 95 CH 28 to CH 57
 Date Rec'd: 10/17/12
 Samplers: WIMER, RIGSBY Station: "P" 1590 + 00 Route: US 95
ALTAMIRANO Location from CL (ft) Lt. _____ Rt. 15'
 Sample No.: 293 County: CHURCHILL

Sample Type: <input checked="" type="checkbox"/> RV <input type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) <u>12"</u> Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>ENG TECH III</u>	<table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left; border-right: 1px solid black;">Depth (ft)</th> <th style="text-align: left;">Boring Description</th> <th style="text-align: right;">PSI</th> </tr> <tr> <td style="border-right: 1px solid black;">0--</td> <td>Contaminated Shoulder</td> <td style="text-align: right;">0--</td> </tr> <tr> <td style="border-right: 1px solid black;">1--</td> <td>Material</td> <td style="text-align: right;">1--</td> </tr> <tr> <td style="border-right: 1px solid black;">2--</td> <td>Silt</td> <td style="text-align: right;">2--</td> </tr> <tr> <td style="border-right: 1px solid black;">3--</td> <td>Sand, Gravel</td> <td style="text-align: right;">3--</td> </tr> <tr> <td style="border-right: 1px solid black;">4--</td> <td></td> <td style="text-align: right;">4--</td> </tr> <tr> <td style="border-right: 1px solid black;">5--</td> <td>Clay</td> <td style="text-align: right;">5--</td> </tr> <tr> <td style="border-right: 1px solid black;">6--</td> <td></td> <td style="text-align: right;">6--</td> </tr> <tr> <td style="border-right: 1px solid black;">7--</td> <td></td> <td style="text-align: right;">7--</td> </tr> <tr> <td style="border-right: 1px solid black;">8--</td> <td></td> <td style="text-align: right;">8--</td> </tr> <tr> <td style="border-right: 1px solid black;">9--</td> <td></td> <td style="text-align: right;">9--</td> </tr> <tr> <td style="border-right: 1px solid black;">10--</td> <td></td> <td style="text-align: right;">10--</td> </tr> </table>	Depth (ft)	Boring Description	PSI	0--	Contaminated Shoulder	0--	1--	Material	1--	2--	Silt	2--	3--	Sand, Gravel	3--	4--		4--	5--	Clay	5--	6--		6--	7--		7--	8--		8--	9--		9--	10--		10--
Depth (ft)	Boring Description	PSI																																			
0--	Contaminated Shoulder	0--																																			
1--	Material	1--																																			
2--	Silt	2--																																			
3--	Sand, Gravel	3--																																			
4--		4--																																			
5--	Clay	5--																																			
6--		6--																																			
7--		7--																																			
8--		8--																																			
9--		9--																																			
10--		10--																																			

Sieve Size	% Passing
3"	
2"	100
1.5"	97
1"	87
3/4"	87
1/2"	68
3/8"	64
No. 4	56
No. 10	49
No. 16	46
No. 40	39
No. 50	35
No. 100	30
No. 200	24

Liquid Limit	<u>27</u>	
Plastic Index	<u>13</u>	
Specific Gravity	_____	
Resistance Value	<u>10</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>25.6</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-6(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 11/5/13
 Lab No.: S13-06 (continuation of S12-11), RV-496-13
 E.A.: 73616 Job Description: US 95 NORTH OF FALLON
 Date Rec'd: 10/10/13
 Samplers: RIGSBY, DRAGOO Station: "P" 287+50 Route: US 95 NB
ALTAMIRANO Location from CL (ft) Lt. _____ Rt. 14'
 Sample No.: 294 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) _____ Oil Depth (in) _____
 Remarks: _____
 Submitted By: ORLANDO ALTAMIRANO
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--		0--
1--		1--
2--		2--
3--	Auger Cuttings	3--
4--		4--
5--		5--
6--		6--
7--		7--
8--		8--
9--		9--
10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	99
No. 10	95
No. 16	91
No. 40	65
No. 50	52
No. 100	30
No. 200	19

Liquid Limit 17
 Plastic Index 2
 Specific Gravity _____
 Resistance Value 34
 Cover Stabilometer Expansion Pressure _____
 Thickness _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: Head pressure (PSI) was utilized on holes #294 thru #317.

LINE SAMPLING DATA

Date Reported: 11/5/13
 Lab No.: S13-06 (continuation of S12-11), RV-497-13
 E.A.: 73616 Job Description: US 95 NORTH OF FALLON
 Date Rec'd: 10/10/13
 Samplers: RIGSBY, DRAGOO Station: "P" 292+50 Route: US 95 NB
ALTAMIRANO Location from CL (ft) Lt. _____ Rt. 14'
 Sample No.: 295 County: CHURCHILL

Sample Type: <input checked="" type="checkbox"/> RV <input type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input checked="" type="checkbox"/> Fill Section <input type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) _____ Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: <u>ENG TECH III</u>	Depth (ft) 0-- 1-- 2-- 3-- 4-- 5-- 6-- 7-- 8-- 9-- 10--	Boring Description _____ _____ Auger Cuttings _____ _____ _____ _____ _____ _____ _____ _____	PSI 0-- 1-- 2-- 3-- 4-- 5-- 6-- 7-- 8-- 9-- 10--
---	--	--	---

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	99
3/8"	99
No. 4	97
No. 10	92
No. 16	86
No. 40	62
No. 50	49
No. 100	21
No. 200	11

Liquid Limit 17
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 71
 Cover Stabilometer Expansion Pressure _____
 Thickness _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: Head pressure (PSI) was utilized on holes #294 thru #317.

LINE SAMPLING DATA

Date Reported: 11/5/13
 Lab No.: S13-06 (continuation of S12-11), RV-498-13
 E.A.: 73616 Job Description: US 95 NORTH OF FALLON
 Date Rec'd: 10/10/13
 Samplers: RIGSBY, DRAGOO Station: "P" 577+50 Route: US 95 NB
ALTAMIRANO Location from CL (ft): _____ Lt. _____ Rt. 14'
 Sample No.: 296 County: CHURCHILL

Sample Type	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) _____ Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: <u>ENG TECH III</u>	0-- 1-- 2-- 3-- 4-- 5-- 6-- 7-- 8-- 9-- 10--	Auger Cuttings	0-- 1-- 2-- 3-- 4-- 5-- 6-- 7-- 8-- 9-- 10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	100
3/8"	98
No. 4	94
No. 10	83
No. 16	76
No. 40	63
No. 50	58
No. 100	46
No. 200	35

Liquid Limit	<u>42</u>	
Plastic Index	<u>21</u>	
Specific Gravity	_____	
Resistance Value	<u>47</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	_____	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-7(2)</u>	

Remarks: Head pressure (PSI) was utilized on holes #294 thru #317.

LINE SAMPLING DATA

Date Reported: 11/5/13
 Lab No.: S13-06 (continuation of S12-11), RV-499-13
 E.A.: 73616 Job Description: US 95 NORTH OF FALLON
 Date Rec'd: 10/10/13
 Samplers: RIGSBY, DRAGOO Station: "P" 582+50 Route: US 95 NB
ALTAMIRANO Location from CL (ft) Lt. _____ Rt. 14'
 Sample No.: 297 County: CHURCHILL

Sample Type: <input checked="" type="checkbox"/> RV <input type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) _____ Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: <u>ENG TECH III</u>	Depth (ft) 0-- 1-- 2-- 3-- 4-- 5-- 6-- 7-- 8-- 9-- 10--	Boring Description _____ _____ Auger Cuttings _____ _____ _____ _____ _____ _____ _____ _____	PSI 0-- 1-- 2-- 3-- 4-- 5-- 6-- 7-- 8-- 9-- 10--
---	--	--	---

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	100
3/8"	99
No. 4	92
No. 10	84
No. 16	79
No. 40	69
No. 50	64
No. 100	41
No. 200	26

Liquid Limit 21
 Plastic Index 4
 Specific Gravity _____
 Resistance Value 38
 Cover Stabilometer Expansion Pressure _____
 Thickness _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: Head pressure (PSI) was utilized on holes #294 thru #317.

LINE SAMPLING DATA

Date Reported: 11/5/13
 Lab No.: S13-06 (continuation of S12-11), RV-500-13
 E.A.: 73616 Job Description: US 95 NORTH OF FALLON
 Date Rec'd: 10/10/13
 Samplers: RIGSBY, DRAGOO Station: "P" 1442+50 Route: US 95 SB
ALTAMIRANO, BAKER Location from CL (ft): _____ Lt. 14' Rt. _____
 Sample No.: 298 County: CHURCHILL

Sample Type	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) _____ Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: <u>ENG TECH III</u>	0--		0--
	1--		1--
	2--		2--
	3--	Auger Cuttings	3--
	4--		4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	100
No. 4	96
No. 10	91
No. 16	88
No. 40	81
No. 50	77
No. 100	57
No. 200	37

Liquid Limit	<u>28</u>	
Plastic Index	<u>8</u>	
Specific Gravity		
Resistance Value	<u>11</u>	
Cover	Stabilometer	Expansion Pressure
Thickness		
Sand Equivalent		
Natural Moisture, %		
Resistivity		
pH Factor		
AASHTO Classification	<u>A-4(0)</u>	

Remarks: Head pressure (PSI) was utilized on holes #294 thru #317.

LINE SAMPLING DATA

Date Reported: 11/5/13
 Lab No.: S13-06 (continuation of S12-11), RV-501-13
 E.A.: 73616 Job Description: US 95 NORTH OF FALLON
 Date Rec'd: 10/10/13
 Samplers: RIGSBY, DRAGOO Station: "P" 1447+50 Route: US 95 SB
ALTAMIRANO, BAKER Location from CL (ft): _____ Lt. 14' Rt. _____
 Sample No.: 299 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) _____ Oil Depth (in) _____
 Remarks: _____
 Submitted By: ORLANDO ALTAMIRANO
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--		0--
1--		1--
2--		2--
3--	Auger Cuttings	3--
4--		4--
5--		5--
6--		6--
7--		7--
8--		8--
9--		9--
10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	100
3/8"	99
No. 4	94
No. 10	89
No. 16	87
No. 40	80
No. 50	76
No. 100	52
No. 200	30

Liquid Limit 22
 Plastic Index 3
 Specific Gravity _____
 Resistance Value 5
 Cover Stabilometer Expansion Pressure _____
 Thickness _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: Head pressure (PSI) was utilized on holes #294 thru #317.

LINE SAMPLING DATA

Date Reported: 11/5/13
 Lab No.: S13-06 (continuation of S12-11), RV-502-13
 E.A.: 73616 Job Description: US 95 NORTH OF FALLON
 Date Rec'd: 10/10/13
 Samplers: RIGSBY, DRAGOO Station: "P" 1452+50 Route: US 95 SB
ALTAMIRANO, BAKER Location from CL (ft): _____ Lt. 14' Rt. _____
 Sample No.: 300 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) _____ Oil Depth (in) _____
 Remarks: _____
 Submitted By: ORLANDO ALTAMIRANO
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--		0--
1--		1--
2--		2--
3--	Auger Cuttings	3--
4--		4--
5--		5--
6--		6--
7--		7--
8--		8--
9--		9--
10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	100
1"	94
3/4"	94
1/2"	89
3/8"	87
No. 4	80
No. 10	73
No. 16	69
No. 40	57
No. 50	50
No. 100	37
No. 200	27

Liquid Limit 24
 Plastic Index 12
 Specific Gravity _____
 Resistance Value 6
 Cover Stabilometer Expansion Pressure _____
 Thickness _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-6(0)

Remarks: Head pressure (PSI) was utilized on holes #294 thru #317.

LINE SAMPLING DATA

Date Reported: 11/5/13
 Lab No.: S13-06 (continuation of S12-11), RV-503-13
 E.A.: 73616 Job Description: US 95 NORTH OF FALLON
 Date Rec'd: 10/10/13
 Samplers: RIGSBY, DRAGOO Station: "P" 1457+50 Route: US 95 SB
ALTAMIRANO, BAKER Location from CL (ft): _____ Lt. 14' Rt. _____
 Sample No.: 301 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--		0--
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	1--		1--
Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/>	2--		2--
Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/>	3--	Auger Cuttings	3--
Gravel Depth (in) _____ Oil Depth (in) _____	4--		4--
Remarks: _____	5--		5--
_____	6--		6--
_____	7--		7--
Submitted By: <u>ORLANDO ALTAMIRANO</u>	8--		8--
Title: <u>ENG TECH III</u>	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	100
3/8"	99
No. 4	92
No. 10	84
No. 16	78
No. 40	58
No. 50	48
No. 100	35
No. 200	27

Liquid Limit 25
 Plastic Index 12
 Specific Gravity _____
 Resistance Value 6
 Cover Stabilometer Expansion Pressure _____
 Thickness _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-6(0)

Remarks: Head pressure (PSI) was utilized on holes #294 thru #317.

LINE SAMPLING DATA

Date Reported: 11/5/13
 Lab No.: S13-06 (continuation of S12-11), RV-504-13
 E.A.: 73616 Job Description: US 95 NORTH OF FALLON
 Date Rec'd: 10/10/13
 Samplers: RIGSBY, DRAGOO Station: "P" 1462+50 Route: US 95 SB
ALTAMIRANO, BAKER Location from CL (ft) Lt. 14' Rt. _____
 Sample No.: 302 County: CHURCHILL

Sample Type	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) _____ Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: <u>ENG TECH III</u>	0--		0--
	1--		1--
	2--		2--
	3--	Auger Cuttings	3--
	4--		4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	100
3/4"	97
1/2"	91
3/8"	87
No. 4	80
No. 10	72
No. 16	66
No. 40	51
No. 50	41
No. 100	27
No. 200	21

Liquid Limit	<u>24</u>	
Plastic Index	<u>12</u>	
Specific Gravity	<u>3</u>	
Resistance Value	<u>3</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	_____	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-6(0)</u>	

Remarks: Head pressure (PSI) was utilized on holes #294 thru #317.

LINE SAMPLING DATA

Date Reported: 11/5/13
 Lab No.: S13-06 (continuation of S12-11), RV-505-13
 E.A.: 73616 Job Description: US 95 NORTH OF FALLON
 Date Rec'd: 10/10/13
 Samplers: RIGSBY, DRAGOO Station: "P" 1467+50 Route: US 95 SB
ALTAMIRANO, BAKER Location from CL (ft): _____ Lt. 14' Rt. _____
 Sample No.: 303 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) _____ Oil Depth (in) _____
 Remarks: _____
 Submitted By: ORLANDO ALTAMIRANO
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--		0--
1--		1--
2--		2--
3--	Auger Cuttings	3--
4--		4--
5--		5--
6--		6--
7--		7--
8--		8--
9--		9--
10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	94
3/8"	92
No. 4	85
No. 10	77
No. 16	72
No. 40	56
No. 50	45
No. 100	30
No. 200	22

Liquid Limit 20
 Plastic Index 8
 Specific Gravity _____
 Resistance Value 3
 Cover Stabilometer Expansion Pressure _____
 Thickness _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: Head pressure (PSI) was utilized on holes #294 thru #317.

LINE SAMPLING DATA

Date Reported: 11/5/13
 Lab No.: S13-06 (continuation of S12-11), RV-506-13
 E.A.: 73616 Job Description: US 95 NORTH OF FALLON
 Date Rec'd: 10/10/13
 Samplers: RIGSBY, DRAGOO Station: "P" 1472+50 Route: US 95 SB
ALTAMIRANO, BAKER Location from CL (ft): Lt. 14' Rt. _____
 Sample No.: 304 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) _____ Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: <u>ENG TECH III</u>	0--		0--
	1--		1--
	2--		2--
	3--	Auger Cuttings	3--
	4--		4--
	5--		5--
	6--		6--
	7--		7--
	8--		8--
	9--		9--
	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	100
1"	93
3/4"	93
1/2"	89
3/8"	86
No. 4	78
No. 10	69
No. 16	64
No. 40	49
No. 50	39
No. 100	26
No. 200	18

Liquid Limit	<u>20</u>	
Plastic Index	<u>6</u>	
Specific Gravity	_____	
Resistance Value	<u>4</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	_____	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-1-b</u>	

Remarks: Head pressure (PSI) was utilized on holes #294 thru #317.

LINE SAMPLING DATA

Date Reported: 11/5/13
 Lab No.: S13-06 (continuation of S12-11), RV-507-13
 E.A.: 73616 Job Description: US 95 NORTH OF FALLON
 Date Rec'd: 10/10/13
 Samplers: RIGSBY, DRAGOO Station: "P" 1477+50 Route: US 95 SB
ALTAMIRANO, BAKER Location from CL (ft): _____ Lt. 14' Rt. _____
 Sample No.: 305 County: CHURCHILL

Sample Type	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) _____ Oil Depth (in) _____ Remarks: _____ _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: <u>ENG TECH III</u>	0-- 1-- 2-- 3-- 4-- 5-- 6-- 7-- 8-- 9-- 10--	Auger Cuttings	0-- 1-- 2-- 3-- 4-- 5-- 6-- 7-- 8-- 9-- 10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	100
3/8"	95
No. 4	84
No. 10	77
No. 16	72
No. 40	57
No. 50	49
No. 100	36
No. 200	27

Liquid Limit 25
 Plastic Index 12
 Specific Gravity _____
 Resistance Value 2
 Cover Stabilometer Expansion Pressure _____
 Thickness _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-6(0)

Remarks: Head pressure (PSI) was utilized on holes #294 thru #317.

LINE SAMPLING DATA

Date Reported: 11/5/13
 Lab No.: S13-06 (continuation of S12-11), RV-508-13
 E.A.: 73616 Job Description: US 95 NORTH OF FALLON
 Date Rec'd: 10/10/13
 Samplers: RIGSBY, DRAGOO Station: "P" 1482+50 Route: US 95 SB
ALTAMIRANO, BAKER Location from CL (ft): _____ Lt. 14' Rt. _____
 Sample No.: 306 County: CHURCHILL

Sample Type	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--		0--
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	1--		1--
Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/>	2--		2--
Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/>	3--	Auger Cuttings	3--
Gravel Depth (in) _____ Oil Depth (in) _____	4--		4--
Remarks: _____	5--		5--
	6--		6--
	7--		7--
	8--		8--
Submitted By: <u>ORLANDO ALTAMIRANO</u>	9--		9--
Title: <u>ENG TECH III</u>	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	98
3/8"	98
No. 4	93
No. 10	87
No. 16	83
No. 40	68
No. 50	58
No. 100	41
No. 200	29

Liquid Limit	<u>21</u>	
Plastic Index	<u>9</u>	
Specific Gravity	_____	
Resistance Value	<u>2</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	_____	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: Head pressure (PSI) was utilized on holes #294 thru #317.

LINE SAMPLING DATA

Date Reported: 11/5/13
 Lab No.: S13-06 (continuation of S12-11), RV-509-13
 E.A.: 73616 Job Description: US 95 NORTH OF FALLON
 Date Rec'd: 10/10/13
 Samplers: RIGSBY, DRAGOO Station: "P" 1487+50 Route: US 95 SB
ALTAMIRANO, BAKER Location from CL (ft) Lt. 14' Rt. _____
 Sample No.: 307 County: CHURCHILL

Sample Type	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) _____ Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: <u>ENG TECH III</u>	0-- 1-- 2-- 3-- 4-- 5-- 6-- 7-- 8-- 9-- 10--	Auger Cuttings	0-- 1-- 2-- 3-- 4-- 5-- 6-- 7-- 8-- 9-- 10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	100
3/4"	98
1/2"	96
3/8"	94
No. 4	84
No. 10	75
No. 16	70
No. 40	56
No. 50	48
No. 100	35
No. 200	27

Liquid Limit 25
 Plastic Index 13
 Specific Gravity _____
 Resistance Value 2
 Cover Stabilometer _____ Expansion Pressure _____
 Thickness _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-6(0)

Remarks: Head pressure (PSI) was utilized on holes #294 thru #317.

LINE SAMPLING DATA

Date Reported: 11/5/13
 Lab No.: S13-06 (continuation of S12-11), RV-510-13
 E.A.: 73616 Job Description: US 95 NORTH OF FALLON
 Date Rec'd: 10/10/13
 Samplers: RIGSBY, DRAGOO Station: "P" 1492+50 Route: US 95 SB
ALTAMIRANO, BAKER Location from CL (ft): _____ Lt. 14' Rt. _____
 Sample No.: 308 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) _____ Oil Depth (in) _____ Remarks: _____ _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: <u>ENG TECH III</u>	0-- 1-- 2-- 3-- 4-- 5-- 6-- 7-- 8-- 9-- 10--	Auger Cuttings	0-- 1-- 2-- 3-- 4-- 5-- 6-- 7-- 8-- 9-- 10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	98
3/8"	95
No. 4	86
No. 10	76
No. 16	71
No. 40	55
No. 50	46
No. 100	32
No. 200	23

Liquid Limit	<u>19</u>	
Plastic Index	<u>6</u>	
Specific Gravity	_____	
Resistance Value	<u>2</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	_____	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: Head pressure (PSI) was utilized on holes #294 thru #317.

LINE SAMPLING DATA

Date Reported: 11/5/13
 Lab No.: S13-06 (continuation of S12-11), RV-511-13
 E.A.: 73616 Job Description: US 95 NORTH OF FALLON
 Date Rec'd: 10/10/13
 Samplers: RIGSBY, DRAGOO Station: "P" 1497+50 Route: US 95 SB
ALTAMIRANO, BAKER Location from CL (ft): _____ Lt. 14' Rt. _____
 Sample No.: 309 County: CHURCHILL

Sample Type	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/> Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/> Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/> Gravel Depth (in) _____ Oil Depth (in) _____ Remarks: _____ _____ Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: <u>ENG TECH III</u>	0-- 1-- 2-- 3-- 4-- 5-- 6-- 7-- 8-- 9-- 10--	Auger Cuttings	0-- 1-- 2-- 3-- 4-- 5-- 6-- 7-- 8-- 9-- 10--

Sieve Size	% Passing
3"	
2"	
1.5"	100
1"	93
3/4"	90
1/2"	77
3/8"	71
No. 4	51
No. 10	39
No. 16	35
No. 40	26
No. 50	22
No. 100	16
No. 200	12

Liquid Limit	<u>24</u>	
Plastic Index	<u>9</u>	
Specific Gravity	_____	
Resistance Value	<u>25</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	_____	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: Head pressure (PSI) was utilized on holes #294 thru #317.

LINE SAMPLING DATA

Date Reported: 11/5/13
 Lab No.: S13-06 (continuation of S12-11), RV-512-13
 E.A.: 73616 Job Description: US 95 NORTH OF FALLON
 Date Rec'd: 10/10/13
 Samplers: RIGSBY, DRAGOO Station: "P" 1502+50 Route: US 95 SB
ALTAMIRANO, BAKER Location from CL (ft) Lt. 14' Rt. _____
 Sample No.: 310 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) _____ Oil Depth (in) _____
 Remarks: _____
 Submitted By: ORLANDO ALTAMIRANO
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--		0--
1--		1--
2--		2--
3--	Auger Cuttings	3--
4--		4--
5--		5--
6--		6--
7--		7--
8--		8--
9--		9--
10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	100
3/4"	96
1/2"	92
3/8"	84
No. 4	66
No. 10	54
No. 16	48
No. 40	38
No. 50	33
No. 100	26
No. 200	21

Liquid Limit 33
 Plastic Index 18
 Specific Gravity _____
 Resistance Value 12
 Cover Stabilometer _____ Expansion Pressure _____
 Thickness _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-6(0)

Remarks: Head pressure (PSI) was utilized on holes #294 thru #317.

LINE SAMPLING DATA

Date Reported: 11/5/13
 Lab No.: S13-06 (continuation of S12-11), RV-513-13
 E.A.: 73616 Job Description: US 95 NORTH OF FALLON
 Date Rec'd: 10/10/13
 Samplers: RIGSBY, DRAGOO Station: "P" 1507+50 Route: US 95 SB
ALTAMIRANO, BAKER Location from CL (ft): _____ Lt. 14' Rt. _____
 Sample No.: 311 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) _____ Oil Depth (in) _____
 Remarks: _____
 Submitted By: ORLANDO ALTAMIRANO
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--		0--
1--		1--
2--		2--
3--	Auger Cuttings	3--
4--		4--
5--		5--
6--		6--
7--		7--
8--		8--
9--		9--
10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	100
3/4"	98
1/2"	97
3/8"	95
No. 4	86
No. 10	78
No. 16	73
No. 40	66
No. 50	62
No. 100	55
No. 200	48

Liquid Limit 34
 Plastic Index 19
 Specific Gravity _____
 Resistance Value 5
 Cover Stabilometer Expansion Pressure _____
 Thickness _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-6(5)

Remarks: Head pressure (PSI) was utilized on holes #294 thru #317.

LINE SAMPLING DATA

Date Reported: 11/5/13
 Lab No.: S13-06 (continuation of S12-11), RV-514-13
 E.A.: 73616 Job Description: US 95 NORTH OF FALLON
 Date Rec'd: 10/10/13
 Samplers: RIGSBY, DRAGOO Station: "P" 1512+50 Route: US 95 SB
ALTAMIRANO, BAKER Location from CL (ft): _____ Lt. 14' Rt. _____
 Sample No.: 312 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) _____ Oil Depth (in) _____
 Remarks: _____
 Submitted By: ORLANDO ALTAMIRANO
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--		0--
1--		1--
2--		2--
3--	Auger Cuttings	3--
4--		4--
5--		5--
6--		6--
7--		7--
8--		8--
9--		9--
10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	100
3/4"	98
1/2"	88
3/8"	81
No. 4	65
No. 10	53
No. 16	47
No. 40	37
No. 50	32
No. 100	26
No. 200	22

Liquid Limit 29
 Plastic Index 15
 Specific Gravity _____
 Resistance Value 8
 Cover Stabilometer Expansion Pressure _____
 Thickness _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-6(0)

Remarks: Head pressure (PSI) was utilized on holes #294 thru #317.

LINE SAMPLING DATA

Date Reported: 11/5/13
 Lab No.: S13-06 (continuation of S12-11), RV-515-13
 E.A.: 73616 Job Description: US 95 NORTH OF FALLON
 Date Rec'd: 10/10/13
 Samplers: RIGSBY, DRAGOO Station: "P" 1517+50 Route: US 95 SB
ALTAMIRANO, BAKER Location from CL (ft): Lt. 14' Rt. _____
 Sample No.: 313 County: CHURCHILL

Sample Type: RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) _____ Oil Depth (in) _____
 Remarks: _____
 Submitted By: ORLANDO ALTAMIRANO
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--		0--
1--		1--
2--		2--
3--	Auger Cuttings	3--
4--		4--
5--		5--
6--		6--
7--		7--
8--		8--
9--		9--
10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	100
1"	88
3/4"	76
1/2"	50
3/8"	42
No. 4	30
No. 10	22
No. 16	19
No. 40	14
No. 50	12
No. 100	9
No. 200	6

Liquid Limit 24
 Plastic Index 7
 Specific Gravity _____
 Resistance Value 75
 Cover Stabilometer Expansion Pressure _____
 Thickness _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: Head pressure (PSI) was utilized on holes #294 thru #317.

LINE SAMPLING DATA

Date Reported: 11/5/13
 Lab No.: S13-06 (continuation of S12-11), RV-516-13
 E.A.: 73616 Job Description: US 95 NORTH OF FALLON
 Date Rec'd: 10/10/13
 Samplers: RIGSBY, DRAGOO Station: "P" 1522+50 Route: US 95 SB
ALTAMIRANO, BAKER Location from CL (ft): Lt. 14' Rt. _____
 Sample No.: 314 County: CHURCHILL

Sample Type:	Depth (ft)	Boring Description	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--		0--
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	1--		1--
Cut Section <input checked="" type="checkbox"/> Fill Section <input type="checkbox"/>	2--		2--
Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/>	3--	Auger Cuttings	3--
Gravel Depth (in) _____ Oil Depth (in) _____	4--		4--
Remarks: _____	5--		5--
	6--		6--
	7--		7--
	8--		8--
Submitted By: <u>ORLANDO ALTAMIRANO</u>	9--		9--
Title: <u>ENG TECH III</u>	10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	100
3/4"	93
1/2"	88
3/8"	85
No. 4	80
No. 10	73
No. 16	68
No. 40	52
No. 50	41
No. 100	16
No. 200	9

Liquid Limit 20
 Plastic Index NP
 Specific Gravity _____
 Resistance Value 73
 Cover Stabilometer Expansion Pressure _____
 Thickness _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-3

Remarks: Head pressure (PSI) was utilized on holes #294 thru #317.

LINE SAMPLING DATA

Date Reported: 11/5/13
 Lab No.: S13-06 (continuation of S12-11), RV-517-13
 E.A.: 73616 Job Description: US 95 NORTH OF FALLON
 Date Rec'd: 10/10/13
 Samplers: RIGSBY, DRAGOO Station: "P" 1527+50 Route: US 95 SB
ALTAMIRANO, BAKER Location from CL (ft): _____ Lt. 14' Rt. _____
 Sample No.: 315 County: CHURCHILL

Sample Type: _____
 RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Oil Taken on Shoulder
 Gravel Depth (in) _____ Oil Depth (in) _____
 Remarks: _____
 Submitted By: ORLANDO ALTAMIRANO
 Title: ENG TECH III

Depth (ft)	Boring Description	PSI
0--		0--
1--		1--
2--		2--
3--	Auger Cuttings	3--
4--		4--
5--		5--
6--		6--
7--		7--
8--		8--
9--		9--
10--		10--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	90
3/8"	84
No. 4	75
No. 10	65
No. 16	60
No. 40	49
No. 50	42
No. 100	28
No. 200	22

Liquid Limit 29
 Plastic Index 16
 Specific Gravity _____
 Resistance Value 5
 Cover Stabilometer Expansion Pressure _____
 Thickness _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-6(0)

Remarks: Head pressure (PSI) was utilized on holes #294 thru #317.

LINE SAMPLING DATA

Date Reported: 11/5/13
 Lab No.: S13-06 (continuation of S12-11), RV-518-13
 E.A.: 73616 Job Description: US 95 NORTH OF FALLON
 Date Rec'd: 10/10/13
 Samplers: RIGSBY, DRAGOO Station: "P" 1532+50 Route: US 95 SB
ALTAMIRANO, BAKER Location from CL (ft) Lt. 14' Rt. _____
 Sample No.: 316 County: CHURCHILL

<p>Sample Type: <input checked="" type="checkbox"/> RV <input type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/></p> <p>Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/></p> <p>Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/></p> <p>Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/></p> <p>Gravel Depth (in) _____ Oil Depth (in) _____</p> <p>Remarks: _____ _____ _____</p> <p>Submitted By: <u>ORLANDO ALTAMIRANO</u> Title: <u>ENG TECH III</u></p>	<table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 15%;">Depth (ft)</th> <th style="width: 70%;">Boring Description</th> <th style="width: 15%;">PSI</th> </tr> <tr> <td>0--</td> <td></td> <td>0--</td> </tr> <tr> <td>1--</td> <td></td> <td>1--</td> </tr> <tr> <td>2--</td> <td></td> <td>2--</td> </tr> <tr> <td>3--</td> <td style="text-align: center;">Auger Cuttings</td> <td>3--</td> </tr> <tr> <td>4--</td> <td></td> <td>4--</td> </tr> <tr> <td>5--</td> <td></td> <td>5--</td> </tr> <tr> <td>6--</td> <td></td> <td>6--</td> </tr> <tr> <td>7--</td> <td></td> <td>7--</td> </tr> <tr> <td>8--</td> <td></td> <td>8--</td> </tr> <tr> <td>9--</td> <td></td> <td>9--</td> </tr> <tr> <td>10--</td> <td></td> <td>10--</td> </tr> </table>	Depth (ft)	Boring Description	PSI	0--		0--	1--		1--	2--		2--	3--	Auger Cuttings	3--	4--		4--	5--		5--	6--		6--	7--		7--	8--		8--	9--		9--	10--		10--
Depth (ft)	Boring Description	PSI																																			
0--		0--																																			
1--		1--																																			
2--		2--																																			
3--	Auger Cuttings	3--																																			
4--		4--																																			
5--		5--																																			
6--		6--																																			
7--		7--																																			
8--		8--																																			
9--		9--																																			
10--		10--																																			

Sieve Size	% Passing
3"	
2"	
1.5"	100
1"	98
3/4"	90
1/2"	77
3/8"	68
No. 4	57
No. 10	48
No. 16	44
No. 40	35
No. 50	31
No. 100	22
No. 200	18

Liquid Limit	<u>28</u>	
Plastic Index	<u>16</u>	
Specific Gravity	_____	
Resistance Value	<u>5</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	_____	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-6(0)</u>	

Remarks: Head pressure (PSI) was utilized on holes #294 thru #317.

LINE SAMPLING DATA

Date Reported: 11/5/13
 Lab No.: S13-06 (continuation of S12-11), RV-519-13
 E.A.: 73616 Job Description: US 95 NORTH OF FALLON
 Date Rec'd: 10/10/13
 Samplers: RIGSBY, DRAGOO Station: "P" 1550+50 Route: US 95 NB
ALTAMIRANO, BAKER Location from CL (ft): _____ Lt. _____ Rt. 14'
 Sample No.: 317 County: CHURCHILL

<p>Sample Type: <input checked="" type="checkbox"/> RV <input type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/></p> <p>Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/></p> <p>Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/></p> <p>Taken Through Oil <input type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/></p> <p>Gravel Depth (in) _____ Oil Depth (in) _____</p> <p>Remarks: _____</p> <p>Submitted By: <u>ORLANDO ALTAMIRANO</u></p> <p>Title: <u>ENG TECH III</u></p>	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 15%;">Depth (ft)</th> <th style="width: 70%;">Boring Description</th> <th style="width: 15%;">PSI</th> </tr> </thead> <tbody> <tr><td>0--</td><td></td><td>0--</td></tr> <tr><td>1--</td><td></td><td>1--</td></tr> <tr><td>2--</td><td></td><td>2--</td></tr> <tr><td>3--</td><td>Auger Cuttings</td><td>3--</td></tr> <tr><td>4--</td><td></td><td>4--</td></tr> <tr><td>5--</td><td></td><td>5--</td></tr> <tr><td>6--</td><td></td><td>6--</td></tr> <tr><td>7--</td><td></td><td>7--</td></tr> <tr><td>8--</td><td></td><td>8--</td></tr> <tr><td>9--</td><td></td><td>9--</td></tr> <tr><td>10--</td><td></td><td>10--</td></tr> </tbody> </table>	Depth (ft)	Boring Description	PSI	0--		0--	1--		1--	2--		2--	3--	Auger Cuttings	3--	4--		4--	5--		5--	6--		6--	7--		7--	8--		8--	9--		9--	10--		10--
Depth (ft)	Boring Description	PSI																																			
0--		0--																																			
1--		1--																																			
2--		2--																																			
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8--		8--																																			
9--		9--																																			
10--		10--																																			

Sieve Size	% Passing
3"	
2"	100
1.5"	98
1"	87
3/4"	81
1/2"	70
3/8"	58
No. 4	42
No. 10	33 <50
No. 16	30 <30
No. 40	23
No. 50	20
No. 100	13
No. 200	10 <15

Liquid Limit	<u>21</u>	
Plastic Index	<u>5</u>	<6
Specific Gravity	_____	
Resistance Value	<u>61</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	_____	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-1-a</u>	

Remarks: Head pressure (PSI) was utilized on holes #294 thru #317.
