

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION
MATERIALS DIVISION
GEOTECHNICAL SECTION

LINE SAMPLING DATA
SR 604
MP CL 44.8 TO 50.4
CLARK COUNTY, NEVADA

OCTOBER 2015

EA 73781

Prepared by _____

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Reviewed by _____

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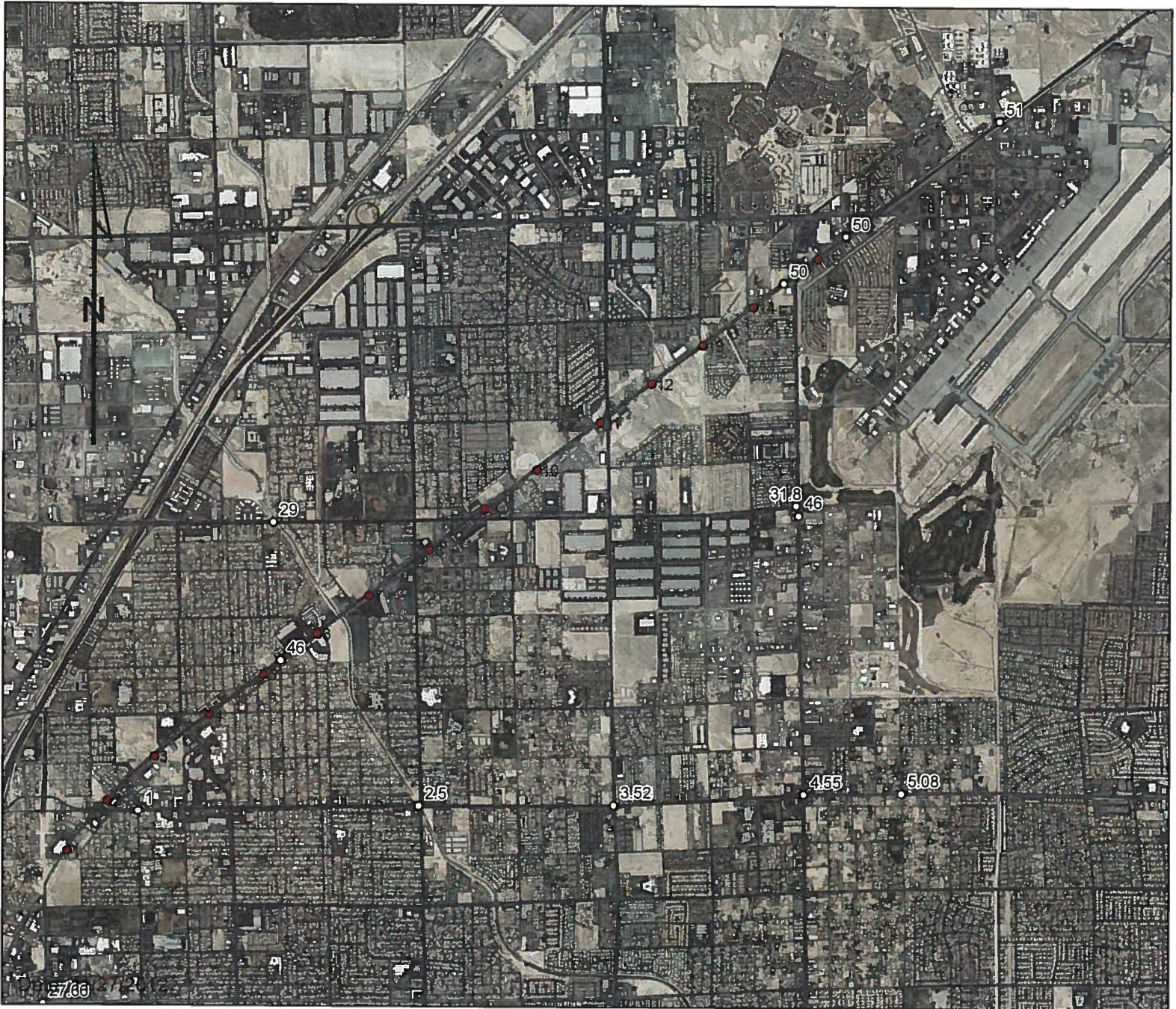
This report presents laboratory test results consisting of gradation, liquid limit, plasticity index and R-value data only. No interpretations of the data are presented. The tests were performed on samples collected at the locations and depths indicated on the individual data sheets. Each boring was 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.

Boring Locations are shown on the attached drawing. Test results are also attached.

SR 604 MP CL 44.8 to CL 50.4



- DRILL TEST HOLE
- Interstate
- State Route
- US Route
- Ramp

1:48,000



THIS MAP IS FOR DISPLAY PURPOSES ONLY.
 MAP COMPILED FROM BEST AVAILABLE DATA SOURCES.
 NOT ALL FEATURES PORTRAYED DUE TO SCALE.

DATA PROVIDED BY
 "MATERIALS FIELD CREW (028)"



Brian Sandoval
 Governor



Rodolfo Malfabon, P.E.
 Director

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 Carson City, Nevada 89712
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LINE SAMPLING DATA

Date Reported: 12/18/12
 Lab No.: S12-12, RV-698-12
 E.A.: 9100 Job Description: SR 604 MP 44.789 to MP 50.395
 Date Rec'd: 11/27/12
 Samplers: LARRACUENTE Station: TONOPAH & LVBN+300' Route: SR 604
BEUS, PYPKOWSKI, WHITE Location from CL (ft) Lt. _____ Rt. 18'
 Sample # 1 County: CLARK

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"/> Taken Through Oil <input checked="" type="checkbox"/> Taken on Shoulder <input type="checkbox"/> Gravel Depth (in) _____ Oil Depth (in) _____ Remarks: OIL 0 - 7" BASE 7" - 2' 0" RV 2' - 5' Submitted By: <u>D. WHITE</u> Title: <u>Engineering Technician V</u>	0--	Oil	300
	1--	Base	
	2--		
	3--	Silt, Sand Lt. Gravel	
	4--	Clay	
	5--		

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	97
3/8"	90
No. 4	82
No. 10	74
No. 16	71
No. 40	68
No. 50	66
No. 100	60
No. 200	48

Liquid Limit	<u>31</u>	
Plastic Index	<u>16</u>	
Specific Gravity	_____	
Resistance Value	<u>22</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>20.9</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-6(4)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 12/18/12
 Lab No.: S12-12, RV-699-12
 E.A.: 9100 Job Description: SR 604 MP 44.789 to MP 50.395
 Date Rec'd: 11/27/12
 Samplers: LARRACUENTE Station: TONOPAH & LVBN+2100' Route: SR 604
BEUS, PYPKOWSKI, WHITE Location from CL (ft) _____ Lt. _____ Rt. 18'
 Sample # 2 County: CLARK

Sample Type: _____
 RV Sub Chem DC Other
 Vegetation: None Trees Shrubs
 Brushy Grassy
 Cut Section Fill Section
 Taken Through Concrete Taken on Shoulder
 Gravel Depth (in) _____ Oil Depth (in) _____
 Remarks: CONCRETE 0 - 11"
BASE No Base
RV 11" - 5' 0"
 Submitted By: D. WHITE
 Title: Engineering Technician V

Depth (ft)	Boring Description	PSI
0--	Concrete	300
1--	<u>No Base</u>	
2--		2--
3--	Silt, Sand Lt. Gravel	3--
4--	Clay	4--
5--		5--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	98
3/8"	96
No. 4	89
No. 10	80
No. 16	76
No. 40	70
No. 50	69
No. 100	59
No. 200	42

Liquid Limit 24
 Plastic Index 9
 Specific Gravity _____
 Resistance Value 40
 Cover Stabilometer _____
 Thickness 15.4 Expansion Pressure _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-4(1)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 12/18/12
 Lab No.: S12-12, RV-700-12
 E.A.: 9100 Job Description: SR 604 MP 44.789 to MP 50.395
 Date Rec'd: 11/27/12
 Samplers: LARRACUENTE Station: TONOPAH & LVBN+3900' Route: SR 604
BEUS, PYPKOWSKI, WHITE Location from CL (ft): _____ Lt. _____ Rt. 30'
 Sample #: 3 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) _____ Oil Depth (in) _____
 Remarks: OIL 0 - 6 1/2"
BASE 6 1/2" - 1' 7 1/2"
RV 1' 7 1/2" - 5'
 Submitted By: D. WHITE
 Title: Engineering Technician V

Depth (ft)	Boring Description	PSI
0--		300
1--	Oil	
2--	Base	
3--	Silt, Sand	
4--	Lt. Gravel	
5--	Clay	

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	96
3/8"	91
No. 4	76
No. 10	66
No. 16	63
No. 40	60
No. 50	59
No. 100	53
No. 200	40

Liquid Limit 31
 Plastic Index 14
 Specific Gravity _____
 Resistance Value 23
 Cover Stabilometer _____
 Thickness 20.6 Expansion Pressure _____
 Sand Equivalentt _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-6(2)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 12/18/12
 Lab No.: S12-12, RV-701-12
 E.A.: 9100 Job Description: SR 604 MP 44.789 to MP 50.395
 Date Rec'd: 11/27/12
 Samplers: LARRACUENTE Station: CAREY & LVBN Route: SR 604
BEUS, PYPKOWSKI, WHITE Location from CL (ft) Lt. _____ Rt. 42'
 Sample # 4 County: CLARK

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"/> Taken Through Oil <input checked="" type="checkbox"/> Taken on Shoulder <input type="checkbox"/> Gravel Depth (in) _____ Oil Depth (in) _____ Remarks: <u>OIL 0 - 7"</u> <u>BASE 7" - 1' 6"</u> <u>RV 1' 6" - 5'</u>	0-- 1-- 2-- 3-- 4-- 5--	Oil Base Silt, Sand Lt. Gravel Clay	300

Submitted By: D. WHITE
 Title: Engineering Technician V

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	90
3/8"	83
No. 4	69
No. 10	58
No. 16	54
No. 40	49
No. 50	47
No. 100	39
No. 200	33

Liquid Limit	<u>35</u>	
Plastic Index	<u>17</u>	
Specific Gravity	_____	
Resistance Value	<u>19</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>21.8</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-6(1)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 12/18/12
 Lab No.: S12-12, RV-702-12
 E.A.: 9100 Job Description: SR 604 MP 44.789 to MP 50.395
 Date Rec'd: 11/27/12
 Samplers: LARRACUENTE Station: CAREY & LVBN + 1800' Route: SR 604
BEUS, PYPKOWSKI, WHITE Location from CL (ft) Lt. _____ Rt. 45'
 Sample # 5 County: CLARK

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"/> Taken Through Oil <input checked="" type="checkbox"/> Taken on Shoulder <input type="checkbox"/> Gravel Depth (in) _____ Oil Depth (in) _____ Remarks: OIL 0 - 8" BASE 8" - 1' 8" RV 1' 8" - 5' Submitted By: <u>D. WHITE</u> Title: <u>Engineering Technician V</u>	0-- 1-- 2-- 3-- 4-- 5--	Oil Base Silt, Sand Lt. Gravel Clay	300 300 300

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	93
3/8"	81
No. 4	64
No. 10	49
No. 16	45
No. 40	39
No. 50	38
No. 100	32
No. 200	21

Liquid Limit 25
 Plastic Index 9
 Specific Gravity _____
 Resistance Value 33
 Cover Stabilometer _____
 Thickness 17.5 Expansion Pressure _____
 Sand Equivalentt _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 12/18/12
 Lab No.: S12-12, RV-703-12
 E.A.: 9100 Job Description: SR 604 MP 44.789 to MP 50.395
 Date Rec'd: 11/27/12
 Samplers: LARRACUENTE Station: BELMONT & LVBN 50' S/O Route: SR 604
BEUS, PYPKOWSKI, WHITE Location from CL (ft) Lt. _____ Rt. 48'
 Sample # 6 County: CLARK

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"/> Taken Through Oil <input checked="" type="checkbox"/> Taken on Shoulder <input type="checkbox"/> Gravel Depth (in) _____ Oil Depth (in) _____ Remarks: <u>OIL 0 - 5"</u> <u>BASE 5" - 1' 2"</u> <u>RV 1' 2" - 5'</u> Submitted By: <u>D. WHITE</u> Title: <u>Engineering Technician V</u>	0-- 1-- 2-- 3-- 4-- 5--	Oil Base Silt, Sand Lt. Gravel Clay	300 3-- 4-- 5--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	100
3/4"	97
1/2"	91
3/8"	88
No. 4	75
No. 10	67
No. 16	64
No. 40	61
No. 50	60
No. 100	52
No. 200	40

Liquid Limit	<u>24</u>	
Plastic Index	<u>9</u>	
Specific Gravity	_____	
Resistance Value	<u>44</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>14.2</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-4(0)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 12/18/12
 Lab No.: S12-12, RV-704-12
 E.A.: 9100 Job Description: SR 604 MP 44.789 to MP 50.395
 Date Rec'd: 11/27/12
 Samplers: LARRACUENTE Station: BELMONT & LVBN + 1800' Route: SR 604
BEUS, PYPKOWSKI, WHITE Location from CL (ft): _____ Lt. _____ Rt. 34'
 Sample #: 7 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) _____ Oil Depth (in) _____
 Remarks: OIL 0 - 9"
BASE 9" - 1' 5"
RV 1' 5" - 5'
 Submitted By: D. WHITE
 Title: Engineering Technician V

Depth (ft)	Boring Description	PSI
0--	Oil	300
1--	Base	
2--		
3--	Silt, Sand Lt. Gravel	
4--	Clay	
5--		

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	94
3/8"	93
No. 4	83
No. 10	75
No. 16	73
No. 40	70
No. 50	69
No. 100	66
No. 200	58

Liquid Limit 25
 Plastic Index 9
 Specific Gravity _____
 Resistance Value 49
 Cover Stabilometer _____ Expansion Pressure _____
 Thickness 12.6
 Sand Equivalentt _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-4(2)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 12/18/12
 Lab No.: S12-12, RV-705-12
 E.A.: 9100 Job Description: SR 604 MP 44.789 to MP 50.395
 Date Rec'd: 11/27/12
 Samplers: LARRACUENTE Station: PECOS & LVBN + 400' Route: SR 604
BEUS, PYPKOWSKI, WHITE Location from CL (ft): _____ Lt. _____ Rt. 34'
 Sample #: 8 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) _____ Oil Depth (in) _____
 Remarks: OIL 0 - 7"
BASE 7" - 1' 3"
RV 1' 3" - 5'
 Submitted By: D. WHITE
 Title: Engineering Technician V

Depth (ft)	Boring Description	PSI
0--	Oil	300
1--	Base	1--
2--		2--
3--	Silt, Sand Lt. Gravel	3--
4--	Clay	4--
5--		5--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	99
3/8"	95
No. 4	82
No. 10	74
No. 16	71
No. 40	68
No. 50	67
No. 100	64
No. 200	51

Liquid Limit 24
 Plastic Index 8
 Specific Gravity _____
 Resistance Value 65
 Cover Stabilometer _____
 Thickness 7.7 Expansion Pressure _____
 Sand Equivalentt _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-4(1)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 12/18/12
 Lab No.: S12-12, RV-706-12
 E.A.: 9100 Job Description: SR 604 MP 44.789 to MP 50.395
 Date Rec'd: 11/27/12
 Samplers: LARRACUENTE Station: CHEYENNE & LVBN + 500' Route: SR 604
BEUS, PYPKOWSKI, WHITE Location from CL (ft): _____ Lt. _____ Rt. 36'
 Sample #: 9 County: CLARK

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"/> Taken Through Oil <input checked="" type="checkbox"/> Taken on Shoulder <input type="checkbox"/> Gravel Depth (in) _____ Oil Depth (in) _____ Remarks: OIL 0 - 8" BASE 8" - 1' 5" RV 1' 5" - 5' Submitted By: <u>D. WHITE</u> Title: <u>Engineering Technician V</u>	0--	Oil	300
	1--	Base	1--
	2--		2--
	3--	Silt, Sand Lt. Gravel	3--
	4--	Clay	4--
	5--		5--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	100
3/4"	95
1/2"	90
3/8"	87
No. 4	80
No. 10	73
No. 16	71
No. 40	68
No. 50	67
No. 100	63
No. 200	51

Liquid Limit	<u>33</u>	
Plastic Index	<u>17</u>	
Specific Gravity	_____	
Resistance Value	<u>22</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>20.9</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-6(5)</u>	

Remarks: _____

LINE SAMPLING DATA

Date Reported: 12/18/12
 Lab No.: S12-12, RV-707-12
 E.A.: 9100 Job Description: SR 604 MP 44.789 to MP 50.395
 Date Rec'd: 11/27/12
 Samplers: LARRACUENTE Station: CHEYENNE & LVBN + 2300' Route: SR 604
BEUS, PYPKOWSKI, WHITE Location from CL (ft) Lt. _____ Rt. 36'
 Sample # 10 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) _____ Oil Depth (in) _____
 Remarks: OIL 0 - 6"
BASE 6" - 1' 0"
RV 1' - 5'
 Submitted By: D. WHITE
 Title: Engineering Technician V

Depth (ft)	Boring Description	PSI
0--		0
	Oil	300
1--	Base	1
2--		2--
3--	Silt, Sand Lt. Gravel	3--
4--	Clay	4--
5--		5--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	88
3/8"	85
No. 4	74
No. 10	66
No. 16	63
No. 40	59
No. 50	58
No. 100	52
No. 200	40

Liquid Limit 31
 Plastic Index 13
 Specific Gravity _____
 Resistance Value 13
 Cover Stabilometer _____
 Thickness 23.7 Expansion Pressure _____
 Sand Equivalentt _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-6(2)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 12/18/12
 Lab No.: S12-12, RV-708-12
 E.A.: 9100 Job Description: SR 604 MP 44.789 to MP 50.395
 Date Rec'd: 11/27/12
 Samplers: LARRACUENTE Station: LAMB & LVBN S/O 200' Route: SR 604
BEUS, PYPKOWSKI, WHITE Location from CL (ft) Lt. _____ Rt. 44'
 Sample # 11 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) _____ Oil Depth (in) _____
 Remarks: OIL 0 - 8"
BASE 8" - 1' 2"
RV 1' 2" - 5'
 Submitted By: D. WHITE
 Title: Engineering Technician V

Depth (ft)	Boring Description	PSI
0--		0
	Oil	300
1--	Base	1--
2--		2--
3--	Silt, Sand Lt. Gravel	3--
4--	Clay	4--
5--		5--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	98
3/8"	94
No. 4	82
No. 10	72
No. 16	68
No. 40	64
No. 50	63
No. 100	58
No. 200	46

Liquid Limit 27
 Plastic Index 10
 Specific Gravity _____
 Resistance Value 19
 Cover Stabilometer Expansion Pressure _____
 Thickness 21.8
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-4(1)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 12/18/12
 Lab No.: S12-12, RV-709-12
 E.A.: 9100 Job Description: SR 604 MP 44.789 to MP 50.395
 Date Rec'd: 11/27/12
 Samplers: LARRACUENTE Station: LAMB & LVBN + 1500' Route: SR 604
BEUS, PYPKOWSKI, WHITE Location from CL (ft) Lt. _____ Rt. 42'
 Sample # 12 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) _____ Oil Depth (in) _____
 Remarks: OIL 0 - 7"
 BASE 7" - 1' 4"
 RV 1' 4" - 5'
 Submitted By: D. WHITE
 Title: Engineering Technician V

Depth (ft)	Boring Description	PSI
0--		0
	Oil	300
1--	Base	1--
2--		2--
3--	Silt, Sand Lt. Gravel	3--
4--	Clay	4--
5--		5--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	87
3/8"	82
No. 4	70
No. 10	59
No. 16	55
No. 40	51
No. 50	50
No. 100	46
No. 200	36

Liquid Limit 30
 Plastic Index 13
 Specific Gravity _____
 Resistance Value 21
 Cover Stabilometer _____
 Thickness 21.2 Expansion Pressure _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-6(1)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 12/18/12
 Lab No.: S12-12, RV-710-12
 E.A.: 9100 Job Description: SR 604 MP 44.789 to MP 50.395
 Date Rec'd: 11/27/12
 Samplers: LARRACUENTE Station: LAMB & LVBN + 3300' Route: SR 604
BEUS, PYPKOWSKI, WHITE Location from CL (ft) Lt. _____ Rt. 38'
 Sample # 13 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) _____ Oil Depth (in) _____
 Remarks: OIL 0 - 10 1/2"
BASE 10 1/2" - 1' 4"
RV 1' 4" - 5'
 Submitted By: D. WHITE
 Title: Engineering Technician V

Depth (ft)	Boring Description	PSI
0--	Oil	0
1--	Base	1--
2--		2--
3--	Silt, Sand Lt. Gravel	3--
4--	Clay	4--
5--		5--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	100
3/4"	97
1/2"	92
3/8"	87
No. 4	73
No. 10	62
No. 16	59
No. 40	55
No. 50	54
No. 100	43
No. 200	29

Liquid Limit 23
 Plastic Index 8
 Specific Gravity _____
 Resistance Value 24
 Cover Stabilometer Expansion Pressure _____
 Thickness 20.3
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-2-4(0)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 12/18/12
 Lab No.: S12-12, RV-711-12
 E.A.: 9100 Job Description: SR 604 MP 44.789 to MP 50.395
 Date Rec'd: 11/27/12
 Samplers: LARRACUENTE Station: LAMB & LVBN + 5100' Route: SR 604
BEUS, PYPKOWSKI, WHITE Location from CL (ft) Lt. _____ Rt. 38'
 Sample # 14 County: CLARK

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 checked="" type="checkbox"/> Taken on Shoulder <input type="checkbox"/> Gravel Depth (in) _____ Oil Depth (in) _____ Remarks: OIL 0 - 8" BASE 8" - 1' 4" RV 1' 4" - 5'	0--	Oil	0 300
	1--	Base	1--
	2--		2--
	3--	Silt, Sand Lt. Gravel	3--
	4--	Clay	4--
	5--		5--

Submitted By: D. WHITE
 Title: Engineering Technician V

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	99
3/8"	95
No. 4	83
No. 10	73
No. 16	69
No. 40	65
No. 50	64
No. 100	55
No. 200	43

Liquid Limit 29
 Plastic Index 13
 Specific Gravity _____
 Resistance Value 19
 Cover Stabilometer _____
 Thickness 21.8 Expansion Pressure _____
 Sand Equivalent _____
 Natural Moisture, % _____
 Resistivity _____
 pH Factor _____
 AASHTO Classification A-6(2)

Remarks: _____

LINE SAMPLING DATA

Date Reported: 12/18/12
 Lab No.: S12-12, RV-712-12
 E.A.: 9100 Job Description: SR 604 MP 44.789 to MP 50.395
 Date Rec'd: 11/27/12
 Samplers: LARRACUENTE Station: NELLIS & LVBN + 1200' Route: SR 604
BEUS, PYPKOWSKI, WHITE Location from CL (ft) Lt. _____ Rt. 35'
 Sample # 15 County: CLARK

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"/> Taken Through Oil <input checked="" type="checkbox"/> Taken on Shoulder <input type="checkbox"/> Gravel Depth (in) _____ Oil Depth (in) _____ Remarks: OIL 0 - 8 1/2" BASE 8 1/2" - 1' 3" RV 1' 3" - 5'	0--	Oil	0
	1--	Base	1--
	2--		2--
	3--	Silt, Sand Lt. Gravel	3--
	4--	Clay	4--
	5--		5--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	100
1/2"	96
3/8"	93
No. 4	81
No. 10	69
No. 16	65
No. 40	60
No. 50	58
No. 100	50
No. 200	39

Liquid Limit	<u>36</u>	
Plastic Index	<u>17</u>	
Specific Gravity	_____	
Resistance Value	<u>15</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>23.1</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-6(2)</u>	

Remarks: _____

