

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

**LINE SAMPLING DATA  
SR 207, KINGSBURY GRADE, PAVEMENT RECONSTRUCTION  
FROM US 50 TO 3.866 MILES EAST (MP DO 0.00 to 3.866)  
DOUGLAS COUNTY, NEVADA**

**August 2013  
EA 73643**

Prepared by: \_\_\_\_\_

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Reviewed by: \_\_\_\_\_

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Approved by: \_\_\_\_\_

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Line sampling data for the subgrade soils along the alignment of SR 207, Kingsbury Grade, from US 50 to 3.866 miles east (MP DO 0.00 to 3.866) was requested by the NDOT Materials Roadbed Design section for use in the design of the pavement structural section. Line sampling was performed by the NDOT Materials Field Crew staff in September and October of 2011 to collect bulk samples of the roadway subgrade at the approximate locations indicated on the individual data sheets. Borings drilled for sampling were typically 5 feet deep. Station and offset locations reported on the individual data sheets were estimated using plan view alignment and mapping information provided by NDOT Roadway Design and physical measurements taken in the field. Locations should be considered accurate only to the degree implied by the method used.

This report presents laboratory test results performed on the subgrade soils consisting of gradation, liquid limit, plasticity index, and R-value. Tests were performed in accordance with Nevada standard test procedures. AASHTO soil classification is presented on individual data sheets based on the laboratory test results.

# LINE SAMPLING DATA

Date Reported: 10/14/11  
 Lab No.: S11-06, RV-495-11  
 E.A.: 73643 Job Description: KINGSBURY GRADE SR 207 MP: 0.00 TO 3.76  
 Date Rec'd: 10/04/11  
 Samplers: BAKER, RIGSBY Station: "WR" 22+25 Route: SR 207  
ALTAMIRANO, WIMER Location from CL (ft) Lt. C.L. Rt. C.L.  
 Sample No.: 51A County: DOUGLAS

Sample Type:	Depth (ft)	Sample Location	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--		100
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	2--		2--
	4--	Auger Cuttings	4--
Cut Section <input checked="" type="checkbox"/> Fill Section <input type="checkbox"/>	6--		6--
Taken Through Oil <input checked="" type="checkbox"/> Taken on Shoulder <input type="checkbox"/>	8--		8--
Gravel Depth (in) <u>0</u> Oil Depth (in) <u>4"</u>	10--		10--
Remarks: <u>No base, 4" Asphalt</u>	12--		12--
	14--		14--
	16--		16--
Submitted By: _____	18--		18--
Title: _____	20--		20--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	<b>100</b>
No. 4	<b>99</b>
No. 10	<b>93</b>
No. 16	<b>84</b>
No. 40	<b>49</b>
No. 50	<b>37</b>
No. 100	<b>21</b>
No. 200	<b>12</b>

Liquid Limit	<u>19</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>74</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>4.3</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-1-b</u>	

Remarks: \_\_\_\_\_

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# LINE SAMPLING DATA

Date Reported: 10/14/11  
 Lab No.: S11-06, RV-473-11  
 E.A.: 73643 Job Description: KINGSBURY GRADE SR 207 MP: 0.00 TO 3.76  
 Date Rec'd: 9/15/11  
 Samplers: BAKER, RIGSBY Station: "WR" 25+00 Route: SR 207  
ALTAMIRANO, WIMER Location from CL (ft) Lt. \_\_\_\_\_ Rt. 2'  
 Sample No.: 50 County: DOUGLAS

Sample Type:	Depth (ft)	Sample Location	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 checked="" type="checkbox"/> Gravel Depth (in) _____ Oil Depth (in) <u>13 1/2"</u> Remarks: <u>Hole in center turn lane.</u>	0--		0--
	2--		2--
	4--	Auger Cuttings	4--
	6--		6--
	8--		8--
	10--		10--
	12--		12--
	14--		14--
	16--		16--
Submitted By: <u>BOB WIMER</u>	18--		18--
Title: <u>Engineering Technician III</u>	20--		20--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	<b>100</b>
1/2"	<b>94</b>
3/8"	<b>93</b>
No. 4	<b>86</b>
No. 10	<b>74</b>
No. 16	<b>66</b>
No. 40	<b>45</b>
No. 50	<b>37</b>
No. 100	<b>23</b>
No. 200	<b>14</b>

Liquid Limit	<u>21</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>74</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>4.3</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-1-b</u>	

Remarks: \_\_\_\_\_

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# LINE SAMPLING DATA

Date Reported: 10/14/11  
 Lab No.: S11-06, RV-472-11  
 E.A.: 73643 Job Description: KINGSBURY GRADE SR 207 MP: 0.00 TO 3.76  
 Date Rec'd: 9/15/11  
 Samplers: BAKER, RIGSBY Station: "WR" 30+00 Route: SR 207  
ALTAMIRANO, WIMER Location from CL (ft) Lt. \_\_\_\_\_ Rt. 2'  
 Sample No.: 49 County: DOUGLAS

Sample Type:	Depth (ft)	Sample Location	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"/>	2--		2--
	4--	Auger Cuttings	4--
Cut Section <input type="checkbox"/> Fill Section <input type="checkbox"/>	6--		6--
Taken Through Oil <input checked="" type="checkbox"/> Taken on Shoulder <input checked="" type="checkbox"/>	8--		8--
Gravel Depth (in) <u>10"</u> Oil Depth (in) <u>4"</u>	10--		10--
Remarks: <u>Drilled in turn lane to Kahle park nest to fogline.</u>	12--		12--
	14--		14--
	16--		16--
Submitted By: <u>BOB WIMER</u>	18--		18--
Title: <u>Engineering Technician III</u>	20--		20--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	<b>100</b>
3/8"	<b>99</b>
No. 4	<b>96</b>
No. 10	<b>82</b>
No. 16	<b>69</b>
No. 40	<b>43</b>
No. 50	<b>35</b>
No. 100	<b>23</b>
No. 200	<b>15</b>

Liquid Limit	<u>23</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>72</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>4.9</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-1-b</u>	

Remarks: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

# LINE SAMPLING DATA

Date Reported: 10/14/11  
 Lab No.: S11-06, RV-487-11  
 E.A.: 73643 Job Description: KINGSBURY GRADE SR 207 MP: 0.00 TO 3.76  
 Date Rec'd: 10/04/11  
 Samplers: BAKER, RIGSBY Station: "WR" 33+75 Route: SR 207  
ALTAMIRANO, WIMER Location from CL (ft) Lt. C.L. Rt. C.L.  
 Sample No.: 3A County: DOUGLAS

Sample Type:	Depth (ft)	Sample Location	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 checked="" type="checkbox"/> Taken on Shoulder <input type="checkbox"/> Gravel Depth (in) <u>0</u> Oil Depth (in) <u>11"</u> Remarks: <u>No base</u>	0--		100
	2--		2--
	4--	Auger Cuttings	4--
	6--		6--
	8--		8--
	10--		10--
	12--		12--
	14--		14--
	16--		16--
Submitted By: _____	18--		18--
Title: _____	20--		20--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	<b>100</b>
No. 4	<b>99</b>
No. 10	<b>90</b>
No. 16	<b>79</b>
No. 40	<b>45</b>
No. 50	<b>36</b>
No. 100	<b>22</b>
No. 200	<b>14</b>

Liquid Limit 21  
 Plastic Index NP  
 Specific Gravity \_\_\_\_\_  
 Resistance Value 72  
 Cover Stabilometer \_\_\_\_\_  
 Thickness 4.9 Expansion Pressure \_\_\_\_\_  
 Sand Equivalentt \_\_\_\_\_  
 Natural Moisture, % \_\_\_\_\_  
 Resistivity \_\_\_\_\_  
 pH Factor \_\_\_\_\_  
 AASHTO Classification A-1-b

Remarks: \_\_\_\_\_

\_\_\_\_\_

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# LINE SAMPLING DATA

Date Reported: 10/14/11  
 Lab No.: S11-06, RV-488-11  
 E.A.: 73643 Job Description: KINGSBURY GRADE SR 207 MP: 0.00 TO 3.76  
 Date Rec'd: 10/04/11  
 Samplers: BAKER, RIGSBY Station: "WR" 38+35 Route: SR 207  
ALTAMIRANO, WIMER Location from CL (ft): \_\_\_\_\_ Lt. \_\_\_\_\_ Rt. 16'  
 Sample No.: 4A County: DOUGLAS

Sample Type:	Depth (ft)	Sample Location	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--		100
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	2--		2--
	4--	Auger Cuttings	4--
Cut Section <input checked="" type="checkbox"/> Fill Section <input type="checkbox"/>	6--		6--
Taken Through Oil <input checked="" type="checkbox"/> Taken on Shoulder <input type="checkbox"/>	8--		8--
Gravel Depth (in) <u>0</u> Oil Depth (in) <u>12"</u>	10--		10--
Remarks: <u>No base</u>	12--		12--
	14--		14--
	16--		16--
Submitted By: _____	18--		18--
Title: _____	20--		20--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	<b>100</b>
3/8"	<b>99</b>
No. 4	<b>96</b>
No. 10	<b>84</b>
No. 16	<b>74</b>
No. 40	<b>48</b>
No. 50	<b>40</b>
No. 100	<b>23</b>
No. 200	<b>13</b>

Liquid Limit	<u>21</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>74</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>4.3</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-1-b</u>	

Remarks: \_\_\_\_\_

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# LINE SAMPLING DATA

Date Reported: 10/14/11  
 Lab No.: S11-06, RV-471-11  
 E.A.: 73643 Job Description: KINGSBURY GRADE SR 207 MP: 0.00 TO 3.76  
 Date Rec'd: 9/15/11  
 Samplers: BAKER, RIGSBY Station: "WR" 40+50 Route: SR 207  
ALTAMIRANO, WIMER Location from CL (ft): \_\_\_\_\_ Lt. \_\_\_\_\_ Rt. 11'  
 Sample No.: 48 County: DOUGLAS

Sample Type:	Depth (ft)	Sample Location	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"/>	2--		2--
Cut Section <input type="checkbox"/> Fill Section <input type="checkbox"/>	4--	Auger Cuttings	4--
Taken Through Oil <input checked="" type="checkbox"/> Taken on Shoulder <input type="checkbox"/>	6--		6--
Gravel Depth (in) _____ Oil Depth (in) <u>12"</u>	8--		8--
Remarks: <u>Same as # 47.</u>	10--		10--
	12--		12--
	14--		14--
	16--		16--
Submitted By: <u>BOB WIMER</u>	18--		18--
Title: <u>Engineering Technician III</u>	20--		20--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	<b>100</b>
1/2"	<b>99</b>
3/8"	<b>97</b>
No. 4	<b>94</b>
No. 10	<b>84</b>
No. 16	<b>75</b>
No. 40	<b>50</b>
No. 50	<b>42</b>
No. 100	<b>28</b>
No. 200	<b>19</b>

Liquid Limit	<u>26</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>70</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>5.4</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-1-b</u>	

Remarks: \_\_\_\_\_

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# LINE SAMPLING DATA

Date Reported: 10/14/11  
 Lab No.: S11-06, RV-432-11  
 E.A.: 73643 Job Description: KINGSBURY GRADE SR 207 MP: 0.00 TO 3.76  
 Date Rec'd: 9/15/11  
 Samplers: BAKER, RIGSBY Station: "WR" 42+50 Route: SR 207  
ALTAMIRANO, WIMER Location from CL (ft) Lt. \_\_\_\_\_ Rt. 19'  
 Sample No.: 5 County: DOUGLAS

Sample Type:	Depth (ft)	Sample Location	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"/>	2--		2--
	4--	Auger Cuttings	4--
Cut Section <input type="checkbox"/> Fill Section <input type="checkbox"/>	6--		6--
Taken Through Oil <input checked="" type="checkbox"/> Taken on Shoulder <input type="checkbox"/>	8--		8--
Gravel Depth (in) <u>8"</u> Oil Depth (in) <u>7"</u>	10--		10--
Remarks: <u>Oil is 7" thick, Base consists of Grindings and Sand.</u>	12--		12--
	14--		14--
	16--		16--
Submitted By: <u>BOB WIMER</u>	18--		18--
Title: <u>Engineering Technician III</u>	20--		20--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	<b>100</b>
1/2"	<b>99</b>
3/8"	<b>99</b>
No. 4	<b>97</b>
No. 10	<b>90</b>
No. 16	<b>82</b>
No. 40	<b>55</b>
No. 50	<b>46</b>
No. 100	<b>30</b>
No. 200	<b>20</b>

Liquid Limit	<u>21</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>70</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: \_\_\_\_\_

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# LINE SAMPLING DATA

Date Reported: 10/14/11  
 Lab No.: S11-06, RV-470-11  
 E.A.: 73643 Job Description: KINGSBURY GRADE SR 207 MP: 0.00 TO 3.76  
 Date Rec'd: 9/15/11  
 Samplers: BAKER, RIGSBY Station: "WR" 44+75 Route: SR 207  
ALTAMIRANO, WIMER Location from CL (ft): \_\_\_\_\_ Lt. \_\_\_\_\_ Rt. 8'  
 Sample No.: 47 County: DOUGLAS

Sample Type:	Depth (ft)	Sample Location	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) <u>12"</u> Remarks: <u>AC is 12" thick, set on native? Original grade in this area.</u>	0--		0--
	2--		2--
	4--	Auger Cuttings	4--
	6--		6--
	8--		8--
	10--		10--
	12--		12--
	14--		14--
	16--		16--
Submitted By: <u>BOB WIMER</u>	18--		18--
Title: <u>Engineering Technician III</u>	20--		20--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	<b>100</b>
1/2"	<b>99</b>
3/8"	<b>98</b>
No. 4	<b>96</b>
No. 10	<b>85</b>
No. 16	<b>76</b>
No. 40	<b>48</b>
No. 50	<b>39</b>
No. 100	<b>25</b>
No. 200	<b>17</b>

Liquid Limit	<u>25</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>72</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>4.9</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-1-b</u>	

Remarks: \_\_\_\_\_

\_\_\_\_\_

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# LINE SAMPLING DATA

Date Reported: 10/14/11  
 Lab No.: S11-06, RV-433-11  
 E.A.: 73643 Job Description: KINGSBURY GRADE SR 207 MP: 0.00 TO 3.76  
 Date Rec'd: 9/15/11  
 Samplers: BAKER, RIGSBY Station: "WR" 47+00 Route: SR 207  
ALTAMIRANO, WIMER Location from CL (ft) Lt. \_\_\_\_\_ Rt. 15'  
 Sample No.: 6 County: DOUGLAS

Sample Type:	Depth (ft)	Sample Location	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"/>	2--		2--
Cut Section <input type="checkbox"/> Fill Section <input type="checkbox"/>	4--	Auger Cuttings	4--
Taken Through Oil <input checked="" type="checkbox"/> Taken on Shoulder <input type="checkbox"/>	6--		6--
Gravel Depth (in) <u>0</u> Oil Depth (in) <u>11</u>	8--		8--
Remarks: <u>Original grade in this area.</u>	10--		10--
	12--		12--
	14--		14--
	16--		16--
Submitted By: <u>BOB WIMER</u>	18--		18--
Title: <u>Engineering Technician III</u>	20--		20--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	<b>100</b>
1/2"	<b>99</b>
3/8"	<b>99</b>
No. 4	<b>98</b>
No. 10	<b>84</b>
No. 16	<b>71</b>
No. 40	<b>40</b>
No. 50	<b>30</b>
No. 100	<b>16</b>
No. 200	<b>9</b>

Liquid Limit	<u>24</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>73</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>4.6</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-1-b</u>	

Remarks: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

# LINE SAMPLING DATA

Date Reported: 10/14/11  
 Lab No.: S11-06, RV-495-11  
 E.A.: 73643 Job Description: KINGSBURY GRADE SR 207 MP: 0.00 TO 3.76  
 Date Rec'd: 10/04/11  
 Samplers: BAKER, RIGSBY Station: "WR" 49+50 Route: SR 207  
**WIMER** Location from CL (ft) Lt. 1' Rt. \_\_\_\_\_  
 Sample No.: 46 County: DOUGLAS

Sample Type:	Depth (ft)	Sample Location	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--		100
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	2--		2--
	4--	Auger Cuttings	4--
Cut Section <input checked="" type="checkbox"/> Fill Section <input type="checkbox"/>	6--		6--
Taken Through Oil <input checked="" type="checkbox"/> Taken on Shoulder <input type="checkbox"/>	8--		8--
Gravel Depth (in) <u>0</u> Oil Depth (in) <u>10"</u>	10--		10--
Remarks: <u>No gravel base.</u>	12--		12--
	14--		14--
	16--		16--
Submitted By: _____	18--		18--
Title: _____	20--		20--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	<b>100</b>
No. 10	<b>93</b>
No. 16	<b>82</b>
No. 40	<b>49</b>
No. 50	<b>37</b>
No. 100	<b>21</b>
No. 200	<b>13</b>

Liquid Limit	<u>22</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>74</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>5.3</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-1-b</u>	

Remarks: \_\_\_\_\_

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# LINE SAMPLING DATA

Date Reported: 10/14/11  
 Lab No.: S11-06, RV-434-11  
 E.A.: 73643 Job Description: KINGSBURY GRADE SR 207 MP: 0.00 TO 3.76  
 Date Rec'd: 9/15/11  
 Samplers: BAKER, RIGSBY Station: "WR" 52+60 Route: SR 207  
ALTAMIRANO, WIMER Location from CL (ft) Lt. \_\_\_\_\_ Rt. 8'  
 Sample No.: 7 County: DOUGLAS

Sample Type:	Depth (ft)	Sample Location	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) <u>9"</u> Remarks: <u>Original grade in this area.</u>	0--		0--
	2--		2--
	4--	Auger Cuttings	4--
	6--		6--
	8--		8--
	10--		10--
	12--		12--
	14--		14--
	16--		16--
Submitted By: <u>BOB WIMER</u>	18--		18--
Title: <u>Engineering Technician III</u>	20--		20--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	<b>100</b>
3/8"	<b>99</b>
No. 4	<b>95</b>
No. 10	<b>81</b>
No. 16	<b>71</b>
No. 40	<b>47</b>
No. 50	<b>38</b>
No. 100	<b>24</b>
No. 200	<b>15</b>

Liquid Limit	<u>23</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>72</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>4.9</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-1-b</u>	

Remarks: \_\_\_\_\_

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# LINE SAMPLING DATA

Date Reported: 10/14/11  
 Lab No.: S11-06, RV-494-11  
 E.A.: 73643 Job Description: KINGSBURY GRADE SR 207 MP: 0.00 TO 3.76  
 Date Rec'd: 10/04/11  
 Samplers: BAKER, RIGSBY Station: "WR" 54+50 Route: SR 207  
**WIMER** Location from CL (ft) Lt. 3.5' Rt. \_\_\_\_\_  
 Sample No.: 45 County: DOUGLAS

Sample Type:	Depth (ft)	Sample Location	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) <u>0</u> Oil Depth (in) <u>9"</u> Remarks: <u>Sample taken @ grade level</u>	0--		100
	2--		2--
	4--	Auger Cuttings	4--
	6--		6--
	8--		8--
	10--		10--
	12--		12--
	14--		14--
	16--		16--
Submitted By: <u>BOB WIMER</u>	18--		18--
Title: <u>Engineering Technician III</u>	20--		20--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	<b>100</b>
1/2"	<b>99</b>
3/8"	<b>98</b>
No. 4	<b>94</b>
No. 10	<b>84</b>
No. 16	<b>76</b>
No. 40	<b>51</b>
No. 50	<b>41</b>
No. 100	<b>25</b>
No. 200	<b>15</b>

Liquid Limit	<u>22</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>67</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>7.1</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: \_\_\_\_\_

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# LINE SAMPLING DATA

Date Reported: 10/14/11  
 Lab No.: S11-06, RV-435-11  
 E.A.: 73643 Job Description: KINGSBURY GRADE SR 207 MP: 0.00 TO 3.76  
 Date Rec'd: 9/15/11  
 Samplers: BAKER, RIGSBY Station: "WR" 57+00 Route: SR 207  
ALTAMIRANO, WIMER Location from CL (ft): \_\_\_\_\_ Lt. \_\_\_\_\_ Rt. 12'  
 Sample No.: 8 County: DOUGLAS

Sample Type:	Depth (ft)	Sample Location	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 checked="" type="checkbox"/> Taken on Shoulder <input type="checkbox"/> Gravel Depth (in) <u>11"</u> Oil Depth (in) <u>6"</u> Remarks: _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>Engineering Technician III</u>	0--		200
	2--		2--
	4--	Auger Cuttings	4--
	6--		6--
	8--		8--
	10--		10--
	12--		12--
	14--		14--
	16--		16--
	18--		18--
	20--		20--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	<b>100</b>
No. 10	<b>96</b>
No. 16	<b>90</b>
No. 40	<b>64</b>
No. 50	<b>53</b>
No. 100	<b>33</b>
No. 200	<b>21</b>

Liquid Limit	<u>23</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>71</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>6.3</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: \_\_\_\_\_

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# LINE SAMPLING DATA

Date Reported: 10/14/11  
 Lab No.: S11-06, RV-469-11  
 E.A.: 73643 Job Description: KINGSBURY GRADE SR 207 MP: 0.00 TO 3.76  
 Date Rec'd: 9/15/11  
 Samplers: BAKER, RIGSBY Station: "WR" 59+50 Route: SR 207  
ALTAMIRANO, WIMER Location from CL (ft): \_\_\_\_\_ Lt. \_\_\_\_\_ Rt. 3.5'  
 Sample No.: 44 County: DOUGLAS

Sample Type:	Depth (ft)	Sample Location	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"/>	2--		2--
	4--	Auger Cuttings	4--
Cut Section <input checked="" type="checkbox"/> Fill Section <input type="checkbox"/>	6--		6--
Taken Through Oil <input checked="" type="checkbox"/> Taken on Shoulder <input type="checkbox"/>	8--		8--
Gravel Depth (in) _____ Oil Depth (in) <u>9</u>	10--		10--
Remarks: <u>Oil on native material</u>	12--		12--
	14--		14--
	16--		16--
Submitted By: <u>BOB WIMER</u>	18--		18--
Title: <u>Engineering Technician III</u>	20--		20--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	<b>100</b>
No. 10	<b>98</b>
No. 16	<b>95</b>
No. 40	<b>85</b>
No. 50	<b>79</b>
No. 100	<b>62</b>
No. 200	<b>36</b>

Liquid Limit	<u>25</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>49</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>13.5</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-4(0)</u>	

Remarks: \_\_\_\_\_

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# LINE SAMPLING DATA

Date Reported: 10/14/11  
 Lab No.: S11-06, RV-436-11  
 E.A.: 73643 Job Description: KINGSBURY GRADE SR 207 MP: 0.00 TO 3.76  
 Date Rec'd: 9/15/11  
 Samplers: BAKER, RIGSBY Station: "WR" 62+00 Route: SR 207  
ALTAMIRANO, WIMER Location from CL (ft) Lt. \_\_\_\_\_ Rt. 3.5'  
 Sample No.: 9 County: DOUGLAS

Sample Type:	Depth (ft)	Sample Location	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--		200
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	2--		2--
	4--	Auger Cuttings	4--
Cut Section <input checked="" type="checkbox"/> Fill Section <input type="checkbox"/>	6--		6--
Taken Through Oil <input checked="" type="checkbox"/> Taken on Shoulder <input type="checkbox"/>	8--		8--
Gravel Depth (in) <u>5</u> Oil Depth (in) <u>7</u>	10--		10--
Remarks: _____	12--		12--
	14--		14--
	16--		16--
Submitted By: <u>BOB WIMER</u>	18--		18--
Title: <u>Engineering Technician III</u>	20--		20--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	<b>100</b>
No. 4	<b>97</b>
No. 10	<b>83</b>
No. 16	<b>73</b>
No. 40	<b>50</b>
No. 50	<b>42</b>
No. 100	<b>27</b>
No. 200	<b>17</b>

Liquid Limit	<u>23</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>74</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>5.3</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-1-b</u>	

Remarks: \_\_\_\_\_

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# LINE SAMPLING DATA

Date Reported: 10/14/11  
 Lab No.: S11-06, RV-489-11  
 E.A.: 73643 Job Description: KINGSBURY GRADE SR 207 MP: 0.00 TO 3.76  
 Date Rec'd: 10/04/11  
 Samplers: BAKER, RIGSBY Station: "WR" 67+00 Route: SR 207  
WIMER Location from CL (ft) Lt. \_\_\_\_\_ Rt. 10.5'  
 Sample No.: 10 County: DOUGLAS

Sample Type:	Depth (ft)	Sample Location	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 checked="" type="checkbox"/> Taken on Shoulder <input type="checkbox"/> Gravel Depth (in) <u>6"</u> Oil Depth (in) <u>9"</u> Remarks: <u>6" gravel base</u>	0--		100
	2--		2--
	4--	Auger Cuttings	4--
	6--		6--
	8--		8--
	10--		10--
	12--		12--
	14--		14--
	16--		16--
Submitted By: _____	18--		18--
Title: _____	20--		20--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	<b>100</b>
3/8"	<b>99</b>
No. 4	<b>94</b>
No. 10	<b>76</b>
No. 16	<b>67</b>
No. 40	<b>47</b>
No. 50	<b>39</b>
No. 100	<b>25</b>
No. 200	<b>18</b>

Liquid Limit	<u>23</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>70</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>6.1</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-1-b</u>	

Remarks: \_\_\_\_\_

\_\_\_\_\_

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# LINE SAMPLING DATA

Date Reported: 10/14/11  
 Lab No.: S11-06, RV-493-11  
 E.A.: 73643 Job Description: KINGSBURY GRADE SR 207 MP: 0.00 TO 3.76  
 Date Rec'd: 10/04/11  
 Samplers: BAKER, RIGSBY Station: "WR" 69+50 Route: SR 207  
WIMER Location from CL (ft) Lt. 3' Rt. \_\_\_\_\_  
 Sample No.: 43 County: DOUGLAS

Sample Type:	Depth (ft)	Sample Location	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--		100
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	2--		2--
	4--	Auger Cuttings	4--
Cut Section <input checked="" type="checkbox"/> Fill Section <input type="checkbox"/>	6--		6--
Taken Through Oil <input checked="" type="checkbox"/> Taken on Shoulder <input type="checkbox"/>	8--		8--
Gravel Depth (in) <u>8"</u> Oil Depth (in) <u>9"</u>	10--		10--
Remarks: <u>8" gravel base.</u>	12--		12--
	14--		14--
	16--		16--
Submitted By: <u>BOB WIMER</u>	18--		18--
Title: <u>Engineering Technician III</u>	20--		20--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	<b>100</b>
No. 4	<b>98</b>
No. 10	<b>86</b>
No. 16	<b>76</b>
No. 40	<b>52</b>
No. 50	<b>43</b>
No. 100	<b>27</b>
No. 200	<b>17</b>

Liquid Limit	<u>21</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>68</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>6.8</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: \_\_\_\_\_

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# LINE SAMPLING DATA

Date Reported: 10/14/11  
 Lab No.: S11-06, RV-437-11  
 E.A.: 73643 Job Description: KINGSBURY GRADE SR 207 MP: 0.00 TO 3.76  
 Date Rec'd: 9/15/11  
 Samplers: BAKER, RIGSBY Station: "WR" 74+50 Route: SR 207  
ALTAMIRANO, WIMER Location from CL (ft) Lt. \_\_\_\_\_ Rt. 2'  
 Sample No.: 12 County: DOUGLAS

Sample Type:	Depth (ft)	Sample Location	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"/>	2--		2--
	4--	Auger Cuttings	4--
Cut Section <input checked="" type="checkbox"/> Fill Section <input type="checkbox"/>	6--		6--
Taken Through Oil <input checked="" type="checkbox"/> Taken on Shoulder <input type="checkbox"/>	8--		8--
Gravel Depth (in) <u>0</u> Oil Depth (in) <u>11"</u>	10--		10--
Remarks: <u>Oil is on native material in this area. Oil 0-11".</u>	12--		12--
<u>Sand and DG 11"-3", DG w/cobbles or boulders 3'-5'.</u>	14--		14--
	16--		16--
Submitted By: <u>BOB WIMER</u>	18--		18--
Title: <u>Engineering Technician III</u>	20--		20--

Sieve Size	% Passing
3"	
2"	<b>100</b>
1.5"	<b>99</b>
1"	<b>96</b>
3/4"	<b>93</b>
1/2"	<b>90</b>
3/8"	<b>86</b>
No. 4	<b>81</b>
No. 10	<b>70</b>
No. 16	<b>62</b>
No. 40	<b>43</b>
No. 50	<b>35</b>
No. 100	<b>22</b>
No. 200	<b>13</b>

Liquid Limit	<u>21</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>75</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>4.9</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-1-b</u>	

Remarks: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

# LINE SAMPLING DATA

Date Reported: 10/14/11  
 Lab No.: S11-06, RV-492-11  
 E.A.: 73643 Job Description: KINGSBURY GRADE SR 207 MP: 0.00 TO 3.76  
 Date Rec'd: 10/04/11  
 Samplers: BAKER, RIGSBY Station: "WR" 76+00 Route: SR 207  
 Location from CL (ft) Lt. 4' Rt. \_\_\_\_\_  
 Sample No.: 42 County: DOUGLAS

Sample Type:	Depth (ft)	Sample Location	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 checked="" type="checkbox"/> Taken on Shoulder <input type="checkbox"/> Gravel Depth (in) <u>0</u> Oil Depth (in) <u>7"</u> Remarks: <u>No gravel base.</u>	0--		100
	2--		2--
	4--	Auger Cuttings	4--
	6--		6--
	8--		8--
	10--		10--
	12--		12--
	14--		14--
	16--		16--
	18--		18--
	20--		20--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	<b>100</b>
No. 4	<b>99</b>
No. 10	<b>94</b>
No. 16	<b>87</b>
No. 40	<b>66</b>
No. 50	<b>56</b>
No. 100	<b>39</b>
No. 200	<b>26</b>

Liquid Limit	<u>21</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>62</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>8.6</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: \_\_\_\_\_

\_\_\_\_\_

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# LINE SAMPLING DATA

Date Reported: 10/14/11  
 Lab No.: S11-06, RV-468-11  
 E.A.: 73643 Job Description: KINGSBURY GRADE SR 207 MP: 0.00 TO 3.76  
 Date Rec'd: 9/22/11  
 Samplers: BAKER, RIGSBY Station: "WR" 79+50 Route: SR 207  
ALTAMIRANO, WIMER Location from CL (ft) Lt. 13' Rt. \_\_\_\_\_  
 Sample No.: 41 County: DOUGLAS

Sample Type:	Depth (ft)	Sample Location	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--		200
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	2--		2--
Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/>	4--	Auger Cuttings	4--
Taken Through Oil <input checked="" type="checkbox"/> Taken on Shoulder <input type="checkbox"/>	6--		6--
Gravel Depth (in) <u>0</u> Oil Depth (in) <u>11"</u>	8--		8--
Remarks: <u>Oil on DG no base</u>	10--		10--
	12--		12--
	14--		14--
	16--		16--
Submitted By: <u>BOB WIMER</u>	18--		18--
Title: <u>Engineering Technician III</u>	20--		20--

Sieve Size	% Passing
3"	
2"	
1.5"	<b>100</b>
1"	<b>96</b>
3/4"	<b>96</b>
1/2"	<b>95</b>
3/8"	<b>95</b>
No. 4	<b>91</b>
No. 10	<b>80</b>
No. 16	<b>70</b>
No. 40	<b>47</b>
No. 50	<b>38</b>
No. 100	<b>25</b>
No. 200	<b>17</b>

Liquid Limit	<u>21</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>74</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>5.3</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-1-b</u>	

Remarks: Line Sampling

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# LINE SAMPLING DATA

Date Reported: 10/14/11  
 Lab No.: S11-06, RV-438-11  
 E.A.: 73643 Job Description: KINGSBURY GRADE SR 207 MP: 0.00 TO 3.76  
 Date Rec'd: 9/15/11  
 Samplers: BAKER, RIGSBY Station: "WR" 84+25 Route: SR 207  
ALTAMIRANO, WIMER Location from CL (ft) Lt. 3.5' Rt. \_\_\_\_\_  
 Sample No.: 13 County: DOUGLAS

Sample Type:	Depth (ft)	Sample Location	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--		200
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	2--		2--
	4--	Auger Cuttings	4--
Cut Section <input checked="" type="checkbox"/> Fill Section <input type="checkbox"/>	6--		6--
Taken Through Oil <input checked="" type="checkbox"/> Taken on Shoulder <input type="checkbox"/>	8--		8--
Gravel Depth (in) <u>0</u> Oil Depth (in) <u>8"</u>	10--		10--
Remarks: <u>Taken on LT due to utilities. Oil on DG</u>	12--		12--
	14--		14--
	16--		16--
Submitted By: <u>BOB WIMER</u>	18--		18--
Title: <u>Engineering Technician III</u>	20--		20--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	<b>100</b>
No. 10	<b>98</b>
No. 16	<b>92</b>
No. 40	<b>69</b>
No. 50	<b>58</b>
No. 100	<b>36</b>
No. 200	<b>21</b>

Liquid Limit	<u>23</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>67</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>7.6</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: \_\_\_\_\_

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# LINE SAMPLING DATA

Date Reported: 10/14/11  
 Lab No.: S11-06, RV-467-11  
 E.A.: 73643 Job Description: KINGSBURY GRADE SR 207 MP: 0.00 TO 3.76  
 Date Rec'd: 9/15/11  
 Samplers: BAKER, RIGSBY Station: "WR" 89+25 Route: SR 207  
ALTAMIRANO, WIMER Location from CL (ft) Lt. \_\_\_\_\_ Rt. 3'  
 Sample No.: 40 County: DOUGLAS

Sample Type:	Depth (ft)	Sample Location	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) <u>8"</u> Remarks: <u>Taken on Rt due to utilities. Oil on DG</u>	0--		200
	2--		2--
	4--	Auger Cuttings	4--
	6--		6--
	8--		8--
	10--		10--
	12--		12--
	14--		14--
	16--		16--
Submitted By: <u>BOB WIMER</u>	18--		18--
Title: <u>Engineering Technician III</u>	20--		20--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	<b>100</b>
3/8"	<b>99</b>
No. 4	<b>91</b>
No. 10	<b>70</b>
No. 16	<b>58</b>
No. 40	<b>34</b>
No. 50	<b>28</b>
No. 100	<b>18</b>
No. 200	<b>12</b>

Liquid Limit	<u>26</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>73</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>5.6</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-1-b</u>	

Remarks: \_\_\_\_\_

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# LINE SAMPLING DATA

Date Reported: 10/14/11  
 Lab No.: S11-06, RV-439-11  
 E.A.: 73643 Job Description: KINGSBURY GRADE SR 207 MP: 0.00 TO 3.76  
 Date Rec'd: 9/15/11  
 Samplers: BAKER, RIGSBY Station: "WR" 94+25 Route: SR 207  
ALTAMIRANO, WIMER Location from CL (ft) Lt. \_\_\_\_\_ Rt. 3'  
 Sample No.: 14 County: DOUGLAS

Sample Type:	Depth (ft)	Sample Location	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--		200
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	2--		
	4--	Auger Cuttings	
Cut Section <input checked="" type="checkbox"/> Fill Section <input type="checkbox"/>	6--		
Taken Through Oil <input checked="" type="checkbox"/> Taken on Shoulder <input type="checkbox"/>	8--		
Gravel Depth (in) _____ Oil Depth (in) <u>9"</u>	10--		
Remarks: <u>Oil on DG</u>	12--		
	14--		
	16--		
Submitted By: <u>BOB WIMER</u>	18--		
Title: <u>Engineering Technician III</u>	20--		

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	<b>100</b>
3/8"	<b>99</b>
No. 4	<b>94</b>
No. 10	<b>81</b>
No. 16	<b>71</b>
No. 40	<b>47</b>
No. 50	<b>38</b>
No. 100	<b>24</b>
No. 200	<b>15</b>

Liquid Limit	<u>24</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>72</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>5.9</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-1-b</u>	

Remarks: \_\_\_\_\_

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# LINE SAMPLING DATA

Date Reported: 10/14/11  
 Lab No.: S11-06, RV-466-11  
 E.A.: 73643 Job Description: KINGSBURY GRADE SR 207 MP: 0.00 TO 3.76  
 Date Rec'd: 9/15/11  
 Samplers: BAKER, RIGSBY Station: "WR" 99+25 Route: SR 207  
ALTAMIRANO, WIMER Location from CL (ft) Lt. \_\_\_\_\_ Rt. 3'  
 Sample No.: 39 County: DOUGLAS

Sample Type:	Depth (ft)	Sample Location	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) <u>0</u> Oil Depth (in) <u>12</u> Remarks: <u>Oil on DG.</u>	0--		200
	2--		2--
	4--	Auger Cuttings	4--
	6--		6--
	8--		8--
	10--		10--
	12--		12--
	14--		14--
	16--		16--
Submitted By: <u>BOB WIMER</u>	18--		18--
Title: <u>Engineering Technician III</u>	20--		20--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	<b>100</b>
1/2"	<b>96</b>
3/8"	<b>93</b>
No. 4	<b>86</b>
No. 10	<b>69</b>
No. 16	<b>57</b>
No. 40	<b>34</b>
No. 50	<b>27</b>
No. 100	<b>17</b>
No. 200	<b>11</b>

Liquid Limit	<u>23</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>74</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>5.3</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-1-b</u>	

Remarks: \_\_\_\_\_

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# LINE SAMPLING DATA

Date Reported: 10/14/11  
 Lab No.: S11-06, RV-442-11  
 E.A.: 73643 Job Description: KINGSBURY GRADE SR 207 MP: 0.00 TO 3.76  
 Date Rec'd: 9/15/11  
 Samplers: BAKER, RIGSBY Station: "WR" 104+25 Route: SR 207  
ALTAMIRANO, WIMER Location from CL (ft): \_\_\_\_\_ Lt. \_\_\_\_\_ Rt. 12'  
 Sample No.: 15 County: DOUGLAS

Sample Type:	Depth (ft)	Sample Location	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) <u>7"</u> Oil Depth (in) <u>5"</u> Remarks: <u>Sample taken on fill area.</u>	0--		0--
	2--		2--
	4--	Auger Cuttings	4--
	6--		6--
	8--		8--
	10--		10--
	12--		12--
	14--		14--
	16--		16--
Submitted By: <u>BOB WIMER</u>	18--		18--
Title: <u>Engineering Technician III</u>	20--		20--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	<b>100</b>
3/8"	<b>99</b>
No. 4	<b>88</b>
No. 10	<b>68</b>
No. 16	<b>57</b>
No. 40	<b>35</b>
No. 50	<b>29</b>
No. 100	<b>18</b>
No. 200	<b>11</b>

Liquid Limit	<u>24</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>76</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>4.6</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-1-b</u>	

Remarks: \_\_\_\_\_

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# LINE SAMPLING DATA

Date Reported: 10/14/11  
 Lab No.: S11-06, RV-465-11  
 E.A.: 73643 Job Description: KINGSBURY GRADE SR 207 MP: 0.00 TO 3.76  
 Date Rec'd: 9/15/11  
 Samplers: BAKER, RIGSBY Station: "WR" 109+25 Route: SR 207  
ALTAMIRANO, WIMER Location from CL (ft) Lt. 2.5' Rt. \_\_\_\_\_  
 Sample No.: 38 County: DOUGLAS

Sample Type:	Depth (ft)	Sample Location	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--		100
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	2--		2--
Cut Section <input type="checkbox"/> Fill Section <input type="checkbox"/>	4--	Auger Cuttings	4--
Taken Through Oil <input checked="" type="checkbox"/> Taken on Shoulder <input type="checkbox"/>	6--		6--
Gravel Depth (in) <u>0</u> Oil Depth (in) <u>12"</u>	8--		8--
Remarks: <u>Water in hole. Water at 4', waited 10 minutes to measure.</u>	10--		10--
	12--		12--
	14--		14--
	16--		16--
Submitted By: <u>BOB WIMER</u>	18--		18--
Title: <u>Engineering Technician III</u>	20--		20--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	<b>100</b>
1/2"	<b>99</b>
3/8"	<b>99</b>
No. 4	<b>94</b>
No. 10	<b>80</b>
No. 16	<b>70</b>
No. 40	<b>48</b>
No. 50	<b>41</b>
No. 100	<b>29</b>
No. 200	<b>20</b>

Liquid Limit	<u>23</u>	
Plastic Index	<u>1</u>	
Specific Gravity	_____	
Resistance Value	<u>66</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>7.9</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-6(1)</u>	

Remarks: \_\_\_\_\_

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# LINE SAMPLING DATA

Date Reported: 10/14/11  
 Lab No.: S11-06, RV-443-11  
 E.A.: 73643 Job Description: KINGSBURY GRADE SR 207 MP: 0.00 TO 3.76  
 Date Rec'd: 9/15/11  
 Samplers: BAKER, RIGSBY Station: "WR" 114+00 Route: SR 207  
ALTAMIRANO, WIMER Location from CL (ft): \_\_\_\_\_ Lt. \_\_\_\_\_ Rt. 12'  
 Sample No.: 16 County: DOUGLAS

Sample Type:	Depth (ft)	Sample Location	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"/>	2--		2--
Cut Section <input type="checkbox"/> Fill Section <input type="checkbox"/>	4--	Auger Cuttings	4--
Taken Through Oil <input checked="" type="checkbox"/> Taken on Shoulder <input type="checkbox"/>	6--		6--
Gravel Depth (in) <u>9"</u> Oil Depth (in) <u>3"</u>	8--		8--
Remarks: <u>Hole very damp, no free moisture.</u>	10--		10--
	12--		12--
	14--		14--
	16--		16--
Submitted By: <u>BOB WIMER</u>	18--		18--
Title: <u>Engineering Technician III</u>	20--		20--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	<b>100</b>
3/8"	<b>98</b>
No. 4	<b>88</b>
No. 10	<b>72</b>
No. 16	<b>62</b>
No. 40	<b>39</b>
No. 50	<b>32</b>
No. 100	<b>20</b>
No. 200	<b>13</b>

Liquid Limit	<u>23</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>74</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>5.3</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-1-b</u>	

Remarks: \_\_\_\_\_

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# LINE SAMPLING DATA

Date Reported: 10/14/11  
 Lab No.: S11-06, RV-464-11  
 E.A.: 73643 Job Description: KINGSBURY GRADE SR 207 MP: 0.00 TO 3.76  
 Date Rec'd: 9/15/11  
 Samplers: BAKER, RIGSBY Station: "WR" 119+00 Route: SR 207  
ALTAMIRANO, WIMER Location from CL (ft) Lt. \_\_\_\_\_ Rt. 2.5'  
 Sample No.: 37 County: DOUGLAS

Sample Type:	Depth (ft)	Sample Location	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) <u>0</u> Oil Depth (in) <u>9"</u> Remarks: <u>Taken on Rt due to utilities.</u>	0--		200
	2--		2--
	4--	Auger Cuttings	4--
	6--		6--
	8--		8--
	10--		10--
	12--		12--
	14--		14--
	16--		16--
Submitted By: <u>BOB WIMER</u>	18--		18--
Title: <u>Engineering Technician III</u>	20--		20--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	<b>100</b>
1/2"	<b>99</b>
3/8"	<b>97</b>
No. 4	<b>84</b>
No. 10	<b>65</b>
No. 16	<b>54</b>
No. 40	<b>33</b>
No. 50	<b>27</b>
No. 100	<b>17</b>
No. 200	<b>11</b>

Liquid Limit	<u>23</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>76</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>4.6</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-1-b</u>	

Remarks: \_\_\_\_\_

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# LINE SAMPLING DATA

Date Reported: 10/14/11  
 Lab No.: S11-06, RV-444-11  
 E.A.: 73643 Job Description: KINGSBURY GRADE SR 207 MP: 0.00 TO 3.76  
 Date Rec'd: 9/15/11  
 Samplers: BAKER, RIGSBY Station: "WR" 124+00 Route: SR 207  
ALTAMIRANO, WIMER Location from CL (ft): \_\_\_\_\_ Lt. \_\_\_\_\_ Rt. 12'  
 Sample No.: 17 County: DOUGLAS

Sample Type:	Depth (ft)	Sample Location	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) <u>0</u> Oil Depth (in) <u>9"</u> Remarks: _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>Engineering Technician III</u>	0--		200
	2--		2--
	4--	Auger Cuttings	4--
	6--		6--
	8--		8--
	10--		10--
	12--		12--
	14--		14--
	16--		16--
	18--		18--
	20--		20--

Sieve Size	% Passing
3"	
2"	<b>100</b>
1.5"	<b>99</b>
1"	<b>97</b>
3/4"	<b>97</b>
1/2"	<b>97</b>
3/8"	<b>95</b>
No. 4	<b>84</b>
No. 10	<b>69</b>
No. 16	<b>58</b>
No. 40	<b>37</b>
No. 50	<b>30</b>
No. 100	<b>19</b>
No. 200	<b>12</b>

Liquid Limit	<u><b>23</b></u>	
Plastic Index	<u><b>NP</b></u>	
Specific Gravity	_____	
Resistance Value	<u><b>72</b></u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u><b>5.9</b></u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u><b>A-1-b</b></u>	

Remarks: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

# LINE SAMPLING DATA

Date Reported: 10/14/11  
 Lab No.: S11-06, RV-463-11  
 E.A.: 73643 Job Description: KINGSBURY GRADE SR 207 MP: 0.00 TO 3.76  
 Date Rec'd: 9/15/11  
 Samplers: BAKER, RIGSBY Station: "WR" 128+20 Route: SR 207  
ALTAMIRANO, WIMER Location from CL (ft): \_\_\_\_\_ Lt. \_\_\_\_\_ Rt. 12.5'  
 Sample No.: 36 County: DOUGLAS

Sample Type:	Depth (ft)	Sample Location	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) <u>6"</u> Oil Depth (in) <u>6"</u> Remarks: <u>Water in hole at 4'.</u>	0--		100
	2--		2--
	4--	Auger Cuttings	4--
	6--		6--
	8--		8--
	10--		10--
	12--		12--
	14--		14--
	16--		16--
Submitted By: <u>BOB WIMER</u>	18--		18--
Title: <u>Engineering Technician III</u>	20--		20--

Sieve Size	% Passing
3"	
2"	
1.5"	<b>100</b>
1"	<b>99</b>
3/4"	<b>99</b>
1/2"	<b>96</b>
3/8"	<b>95</b>
No. 4	<b>90</b>
No. 10	<b>79</b>
No. 16	<b>70</b>
No. 40	<b>48</b>
No. 50	<b>40</b>
No. 100	<b>25</b>
No. 200	<b>16</b>

Liquid Limit	<u>22</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>71</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>6.3</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-1-b</u>	

Remarks: \_\_\_\_\_

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# LINE SAMPLING DATA

Date Reported: 10/14/11  
 Lab No.: S11-06, RV-445-11  
 E.A.: 73643 Job Description: KINGSBURY GRADE SR 207 MP: 0.00 TO 3.76  
 Date Rec'd: 9/15/11  
 Samplers: BAKER, RIGSBY Station: "WR" 134+00 Route: SR 207  
ALTAMIRANO, WIMER Location from CL (ft) Lt. 8' Rt. \_\_\_\_\_  
 Sample No.: 18 County: DOUGLAS

Sample Type:	Depth (ft)	Sample Location	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 checked="" type="checkbox"/> Taken on Shoulder <input type="checkbox"/> Gravel Depth (in) _____ Oil Depth (in) <u>10"</u> Remarks: _____ _____ Submitted By: <u>BOB WIMER</u> Title: <u>Engineering Technician III</u>	0--		400
	2--		2--
	4--	Auger Cuttings	4--
	6--		6--
	8--		8--
	10--		10--
	12--		12--
	14--		14--
	16--		16--
	18--		18--
	20--		20--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	<b>100</b>
1/2"	<b>98</b>
3/8"	<b>97</b>
No. 4	<b>87</b>
No. 10	<b>68</b>
No. 16	<b>57</b>
No. 40	<b>37</b>
No. 50	<b>30</b>
No. 100	<b>20</b>
No. 200	<b>14</b>

Liquid Limit	<u>20</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>72</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>5.9</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-1-b</u>	

Remarks: \_\_\_\_\_

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# LINE SAMPLING DATA

Date Reported: 10/14/11  
 Lab No.: S11-06, RV-462-11  
 E.A.: 73643 Job Description: KINGSBURY GRADE SR 207 MP: 0.00 TO 3.76  
 Date Rec'd: 9/15/11  
 Samplers: BAKER, RIGSBY Station: "WR" 139+00 Route: SR 207  
ALTAMIRANO, WIMER Location from CL (ft) Lt. 7' Rt. \_\_\_\_\_  
 Sample No.: 35 County: DOUGLAS

Sample Type:	Depth (ft)	Sample Location	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 checked="" type="checkbox"/> Taken on Shoulder <input type="checkbox"/> Gravel Depth (in) <u>0</u> Oil Depth (in) <u>6"</u> Remarks: <u>No base.</u>	0--		200
	2--		2--
	4--	Auger Cuttings	4--
	6--		6--
	8--		8--
	10--		10--
	12--		12--
	14--		14--
	16--		16--
Submitted By: <u>BOB WIMER</u>	18--		18--
Title: <u>Engineering Technician III</u>	20--		20--

Sieve Size	% Passing
3"	
2"	
1.5"	<b>100</b>
1"	<b>98</b>
3/4"	<b>96</b>
1/2"	<b>93</b>
3/8"	<b>91</b>
No. 4	<b>83</b>
No. 10	<b>66</b>
No. 16	<b>56</b>
No. 40	<b>36</b>
No. 50	<b>29</b>
No. 100	<b>18</b>
No. 200	<b>12</b>

Liquid Limit	<u>21</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>75</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>4.9</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-1-b</u>	

Remarks: \_\_\_\_\_

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# LINE SAMPLING DATA

Date Reported: 10/14/11  
 Lab No.: S11-06, RV-448-11  
 E.A.: 73643 Job Description: KINGSBURY GRADE SR 207 MP: 0.00 TO 3.76  
 Date Rec'd: 9/22/11  
 Samplers: BAKER, RIGSBY Station: "WR" 144+00 Route: SR 207  
 Location from CL (ft) Lt. \_\_\_\_\_ Rt. 9  
 Sample No.: 19 County: DOUGLAS

Sample Type:	Depth (ft)	Sample Location	PSI
RV <input type="checkbox"/> Sub <input checked="" 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) <u>8"</u> Remarks: <u>8" Plantmix, no base material, drilled in fill area.</u>	0--		200
	2--		2--
	4--	Auger Cuttings	4--
	6--		6--
	8--		8--
	10--		10--
	12--		12--
	14--		14--
	16--		16--
Submitted By: <u>BOB WIMER</u>	18--		18--
Title: <u>Engineering Technician III</u>	20--		20--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	<b>100</b>
1/2"	<b>99</b>
3/8"	<b>98</b>
No. 4	<b>94</b>
No. 10	<b>79</b>
No. 16	<b>68</b>
No. 40	<b>44</b>
No. 50	<b>35</b>
No. 100	<b>22</b>
No. 200	<b>14</b>

Liquid Limit	<u>20</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>72</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>5.9</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-1-b</u>	

Remarks: Line Sampling

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# LINE SAMPLING DATA

Date Reported: 10/14/11  
 Lab No.: S11-06, RV-461-11  
 E.A.: 73643 Job Description: KINGSBURY GRADE SR 207 MP: 0.00 TO 3.76  
 Date Rec'd: 9/22/11  
 Samplers: BAKER, RIGSBY Station: "WR" 149+00 Route: SR 207  
 Location from CL (ft) Lt. 6.5' Rt. \_\_\_\_\_  
 Sample No.: 34 County: DOUGLAS

Sample Type:	Depth (ft)	Sample Location	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 checked="" type="checkbox"/> Taken on Shoulder <input type="checkbox"/> Gravel Depth (in) <u>7"</u> Oil Depth (in) <u>6"</u> Remarks: <u>Base consists of grindings and some DG.</u>	0--		200
	2--		2--
	4--	Auger Cuttings	4--
	6--		6--
	8--		8--
	10--		10--
	12--		12--
	14--		14--
	16--		16--
Submitted By: <u>PETE BAKER</u>	18--		18--
Title: <u>Supervisor 1</u>	20--		20--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	<b>100</b>
3/4"	<b>98</b>
1/2"	<b>97</b>
3/8"	<b>94</b>
No. 4	<b>82</b>
No. 10	<b>62</b>
No. 16	<b>50</b>
No. 40	<b>30</b>
No. 50	<b>23</b>
No. 100	<b>13</b>
No. 200	<b>7</b>

Liquid Limit	<u>21</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>76</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>4.6</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-1-b</u>	

Remarks: Line Sampling for roadway subgrade testing.

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# LINE SAMPLING DATA

Date Reported: 10/14/11  
 Lab No.: S11-06, RV-449-11  
 E.A.: 73643 Job Description: KINGSBURY GRADE SR 207 MP: 0.00 TO 3.76  
 Date Rec'd: 9/22/11  
 Samplers: BAKER, RIGSBY Station: "WR" 154+00 Route: SR 207  
WIMER Location from CL (ft) Lt. \_\_\_\_\_ Rt. 5'  
 Sample No.: 20 County: DOUGLAS

Sample Type:	Depth (ft)	Sample Location	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 checked="" type="checkbox"/> Taken on Shoulder <input type="checkbox"/> Gravel Depth (in) <u>0</u> Oil Depth (in) <u>10"</u> Remarks: <u>Oil on DG, no base material.</u>	0--		200
	2--		2--
	4--	Auger Cuttings	4--
	6--		6--
	8--		8--
	10--		10--
	12--		12--
	14--		14--
	16--		16--
Submitted By: <u>BOB WIMER</u>	18--		18--
Title: <u>Engineering Technician III</u>	20--		20--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	<b>100</b>
3/8"	<b>96</b>
No. 4	<b>81</b>
No. 10	<b>59</b>
No. 16	<b>49</b>
No. 40	<b>31</b>
No. 50	<b>25</b>
No. 100	<b>14</b>
No. 200	<b>9</b>

Liquid Limit	<u>21</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>76</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>4.6</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-1-b</u>	

Remarks: Line Sampling

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# LINE SAMPLING DATA

Date Reported: 10/14/11  
 Lab No.: S11-06, RV-491-11  
 E.A.: 73643 Job Description: KINGSBURY GRADE SR 207 MP: 0.00 TO 3.76  
 Date Rec'd: 10/04/11  
 Samplers: BAKER, RIGSBY Station: "WR" 159+00 Route: SR 207  
**WIMER** Location from CL (ft) Lt. 8' Rt. \_\_\_\_\_  
 Sample No.: 33 County: DOUGLAS

Sample Type:	Depth (ft)	Sample Location	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--		100
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	2--		2--
	4--	Auger Cuttings	4--
Cut Section <input checked="" type="checkbox"/> Fill Section <input type="checkbox"/>	6--		6--
Taken Through Oil <input checked="" type="checkbox"/> Taken on Shoulder <input type="checkbox"/>	8--		8--
Gravel Depth (in) <u>0</u> Oil Depth (in) <u>10"</u>	10--		10--
Remarks: <u>No gravel base, possible oil coated geotextile</u>	12--		12--
<u>under the plantmix.</u>	14--		14--
	16--		16--
Submitted By: _____	18--		18--
Title: _____	20--		20--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	<b>100</b>
3/8"	<b>98</b>
No. 4	<b>88</b>
No. 10	<b>71</b>
No. 16	<b>62</b>
No. 40	<b>41</b>
No. 50	<b>33</b>
No. 100	<b>20</b>
No. 200	<b>12</b>

Liquid Limit	<u>20</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>74</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>5.3</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-1-b</u>	

Remarks: \_\_\_\_\_

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# LINE SAMPLING DATA

Date Reported: 10/14/11  
 Lab No.: S11-06, RV-446-11  
 E.A.: 73643 Job Description: KINGSBURY GRADE SR 207 MP: 0.00 TO 3.76  
 Date Rec'd: 9/15/11  
 Samplers: BAKER, RIGSBY Station: "WR" 164+00 Route: SR 207  
ALTAMIRANO, WIMER Location from CL (ft) Lt. 2' Rt. \_\_\_\_\_  
 Sample No.: 21 County: DOUGLAS

Sample Type:	Depth (ft)	Sample Location	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"/>	2--		2--
	4--	Auger Cuttings	4--
Cut Section <input checked="" type="checkbox"/> Fill Section <input type="checkbox"/>	6--		6--
Taken Through Oil <input checked="" type="checkbox"/> Taken on Shoulder <input type="checkbox"/>	8--		8--
Gravel Depth (in) _____ Oil Depth (in) <u>9"</u>	10--		10--
Remarks: <u>Taken on Lt due to utilities.</u>	12--		12--
	14--		14--
	16--		16--
Submitted By: <u>BOB WIMER</u>	18--		18--
Title: <u>Engineering Technician III</u>	20--		20--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	<b>100</b>
1/2"	<b>99</b>
3/8"	<b>97</b>
No. 4	<b>88</b>
No. 10	<b>73</b>
No. 16	<b>62</b>
No. 40	<b>39</b>
No. 50	<b>31</b>
No. 100	<b>18</b>
No. 200	<b>11</b>

Liquid Limit	<u>23</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>72</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>5.9</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-1-b</u>	

Remarks: \_\_\_\_\_

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# LINE SAMPLING DATA

Date Reported: 10/14/11  
 Lab No.: S11-06, RV-460-11  
 E.A.: 73643 Job Description: KINGSBURY GRADE SR 207 MP: 0.00 TO 3.76  
 Date Rec'd: 9/15/11  
 Samplers: BAKER, RIGSBY Station: "WR" 169+00 Route: SR 207  
ALTAMIRANO, WIMER Location from CL (ft) Lt. 6.5' Rt. \_\_\_\_\_  
 Sample No.: 32 County: DOUGLAS

Sample Type:	Depth (ft)	Sample Location	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"/>	2--		2--
Cut Section <input type="checkbox"/> Fill Section <input type="checkbox"/>	4--	Auger Cuttings	4--
Taken Through Oil <input checked="" type="checkbox"/> Taken on Shoulder <input type="checkbox"/>	6--		6--
Gravel Depth (in) _____ Oil Depth (in) <u>12"</u>	8--		8--
Remarks: <u>Oil on compacted? Native material</u>	10--		10--
	12--		12--
	14--		14--
	16--		16--
Submitted By: <u>BOB WIMER</u>	18--		18--
Title: <u>Engineering Technician III</u>	20--		20--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	<b>100</b>
3/8"	<b>98</b>
No. 4	<b>89</b>
No. 10	<b>66</b>
No. 16	<b>54</b>
No. 40	<b>36</b>
No. 50	<b>31</b>
No. 100	<b>22</b>
No. 200	<b>15</b>

Liquid Limit	<u>23</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>74</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>5.3</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-1-b</u>	

Remarks: \_\_\_\_\_

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# LINE SAMPLING DATA

Date Reported: 10/14/11  
 Lab No.: S11-06, RV-450-11  
 E.A.: 73643 Job Description: KINGSBURY GRADE SR 207 MP: 0.00 TO 3.76  
 Date Rec'd: 9/22/11  
 Samplers: BAKER, RIGSBY Station: "WR" 174+00 Route: SR 207  
WIMER Location from CL (ft) Lt. 6' Rt. \_\_\_\_\_  
 Sample No.: 22 County: DOUGLAS

Sample Type:	Depth (ft)	Sample Location	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--		200
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	2--		2--
Cut Section <input checked="" type="checkbox"/> Fill Section <input type="checkbox"/>	4--	Auger Cuttings	4--
Taken Through Oil <input checked="" type="checkbox"/> Taken on Shoulder <input type="checkbox"/>	6--		6--
Gravel Depth (in) _____ Oil Depth (in) _____	8--		8--
Remarks: <u>Oil on DG, no base material.</u>	10--		10--
	12--		12--
	14--		14--
	16--		16--
Submitted By: <u>BOB WIMER</u>	18--		18--
Title: <u>Engineering Technician III</u>	20--		20--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	<b>100</b>
3/4"	<b>96</b>
1/2"	<b>96</b>
3/8"	<b>94</b>
No. 4	<b>87</b>
No. 10	<b>73</b>
No. 16	<b>64</b>
No. 40	<b>44</b>
No. 50	<b>36</b>
No. 100	<b>23</b>
No. 200	<b>15</b>

Liquid Limit	<u>20</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>74</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>5.3</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-1-b</u>	

Remarks: Line Sampling

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# LINE SAMPLING DATA

Date Reported: 10/14/11  
 Lab No.: S11-06, RV-490-11  
 E.A.: 73643 Job Description: KINGSBURY GRADE SR 207 MP: 0.00 TO 3.76  
 Date Rec'd: 10/04/11  
 Samplers: BAKER, RIGSBY Station: "WR" 179+00 Route: SR 207  
**WIMER** Location from CL (ft) Lt. 4.5' Rt. \_\_\_\_\_  
 Sample No.: 31 County: DOUGLAS

Sample Type:	Depth (ft)	Sample Location	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--		100
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	2--		2--
	4--	Auger Cuttings	4--
Cut Section <input checked="" type="checkbox"/> Fill Section <input type="checkbox"/>	6--		6--
Taken Through Oil <input checked="" type="checkbox"/> Taken on Shoulder <input type="checkbox"/>	8--		8--
Gravel Depth (in) <u>0</u> Oil Depth (in) <u>10"</u>	10--		10--
Remarks: <u>No gravel base, possible oil coated geotextile</u>	12--		12--
<u>under the plantmix.</u>	14--		14--
	16--		16--
Submitted By: _____	18--		18--
Title: _____	20--		20--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	<b>100</b>
3/8"	<b>99</b>
No. 4	<b>96</b>
No. 10	<b>86</b>
No. 16	<b>76</b>
No. 40	<b>53</b>
No. 50	<b>43</b>
No. 100	<b>26</b>
No. 200	<b>15</b>

Liquid Limit	<u>22</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>71</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>6.3</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

# LINE SAMPLING DATA

Date Reported: 10/14/11  
 Lab No.: S11-06, RV-447-11  
 E.A.: 73643 Job Description: KINGSBURY GRADE SR 207 MP: 0.00 TO 3.76  
 Date Rec'd: 9/15/11  
 Samplers: BAKER, RIGSBY Station: "WR" 184+00 Route: SR 207  
ALTAMIRANO, WIMER Location from CL (ft) Lt. \_\_\_\_\_ Rt. 10  
 Sample No.: 23 County: DOUGLAS

Sample Type:	Depth (ft)	Sample Location	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"/>	2--		2--
	4--	Auger Cuttings	4--
Cut Section <input checked="" type="checkbox"/> Fill Section <input type="checkbox"/>	6--		6--
Taken Through Oil <input checked="" type="checkbox"/> Taken on Shoulder <input type="checkbox"/>	8--		8--
Gravel Depth (in) _____ Oil Depth (in) _____	10--		10--
Remarks: <u>Oil on native material.</u>	12--		12--
	14--		14--
	16--		16--
Submitted By: <u>BOB WIMER</u>	18--		18--
Title: <u>Engineering Technician III</u>	20--		20--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	
No. 4	<b>100</b>
No. 10	<b>85</b>
No. 16	<b>68</b>
No. 40	<b>39</b>
No. 50	<b>32</b>
No. 100	<b>20</b>
No. 200	<b>13</b>

Liquid Limit	<u>25</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>73</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>5.6</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-1-b</u>	

Remarks: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

# LINE SAMPLING DATA

Date Reported: 10/14/11  
 Lab No.: S11-06, RV-459-11  
 E.A.: 73643 Job Description: KINGSBURY GRADE SR 207 MP: 0.00 TO 3.76  
 Date Rec'd: 9/22/11  
 Samplers: BAKER, RIGSBY Station: "WR" 187+60 Route: SR 207  
 Location from CL (ft) Lt. 10.5' Rt. \_\_\_\_\_  
 Sample No.: 30 County: DOUGLAS

Sample Type:	Depth (ft)	Sample Location	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 checked="" type="checkbox"/> Taken on Shoulder <input type="checkbox"/> Gravel Depth (in) <u>7"</u> Oil Depth (in) <u>6"</u> Remarks: <u>Aggregate base treated with oil.</u>	0--		200
	2--		2--
	4--	Auger Cuttings	4--
	6--		6--
	8--		8--
	10--		10--
	12--		12--
	14--		14--
	16--		16--
Submitted By: <u>PETE BAKER</u>	18--		18--
Title: <u>Supervisor 1</u>	20--		20--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	<b>100</b>
1/2"	<b>99</b>
3/8"	<b>99</b>
No. 4	<b>92</b>
No. 10	<b>72</b>
No. 16	<b>59</b>
No. 40	<b>36</b>
No. 50	<b>28</b>
No. 100	<b>18</b>
No. 200	<b>12</b>

Liquid Limit	<u>21</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>73</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>5.2</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-1-b</u>	

Remarks: Line Sampling for roadway subgrade testing.

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# LINE SAMPLING DATA

Date Reported: 10/14/11  
 Lab No.: S11-06, RV-451-11  
 E.A.: 73643 Job Description: KINGSBURY GRADE SR 207 MP: 0.00 TO 3.76  
 Date Rec'd: 9/22/11  
 Samplers: BAKER, RIGSBY Station: "WR" 192+60 Route: SR 207  
 Location from CL (ft) Lt. \_\_\_\_\_ Rt. 12'  
 Sample No.: 24 County: DOUGLAS

Sample Type:	Depth (ft)	Sample Location	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"/>	2--		2--
Cut Section <input type="checkbox"/> Fill Section <input type="checkbox"/>	4--	Auger Cuttings	4--
Taken Through Oil <input checked="" type="checkbox"/> Taken on Shoulder <input type="checkbox"/>	6--		6--
Gravel Depth (in) <u>6"</u> Oil Depth (in) <u>6"</u>	8--		8--
Remarks: _____	10--		10--
	12--		12--
	14--		14--
	16--		16--
Submitted By: <u>PETE BAKER</u>	18--		18--
Title: <u>Supervisor 1</u>	20--		20--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	<b>100</b>
No. 4	<b>93</b>
No. 10	<b>70</b>
No. 16	<b>57</b>
No. 40	<b>35</b>
No. 50	<b>29</b>
No. 100	<b>19</b>
No. 200	<b>13</b>

Liquid Limit	<u>21</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>73</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>5.2</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-1-b</u>	

Remarks: Line Sampling for roadway subgrade testing.  
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 \_\_\_\_\_  
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# LINE SAMPLING DATA

Date Reported: 10/14/11  
 Lab No.: S11-06, RV-458-11  
 E.A.: 73643 Job Description: KINGSBURY GRADE SR 207 MP: 0.00 TO 3.76  
 Date Rec'd: 9/22/11  
 Samplers: BAKER, RIGSBY Station: "WR" 195+60 Route: SR 207  
 Location from CL (ft) Lt. 9.5' Rt. \_\_\_\_\_  
 Sample No.: 29 County: DOUGLAS

Sample Type:	Depth (ft)	Sample Location	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) <u>7"</u> Oil Depth (in) <u>7"</u> Remarks: <u>Aggregate base treated with oil.</u>	0--		200
	2--		2--
	4--	Auger Cuttings	4--
	6--		6--
	8--		8--
	10--		10--
	12--		12--
	14--		14--
	16--		16--
Submitted By: <u>PETE BAKER</u>	18--		18--
Title: <u>Supervisor 1</u>	20--		20--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	<b>100</b>
1/2"	<b>98</b>
3/8"	<b>93</b>
No. 4	<b>86</b>
No. 10	<b>77</b>
No. 16	<b>71</b>
No. 40	<b>53</b>
No. 50	<b>44</b>
No. 100	<b>29</b>
No. 200	<b>20</b>

Liquid Limit	<u>20</u>	
Plastic Index	<u>3</u>	
Specific Gravity	_____	
Resistance Value	<u>68</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>6.8</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-2-4(0)</u>	

Remarks: Line Sampling for roadway subgrade testing.

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# LINE SAMPLING DATA

Date Reported: 10/14/11  
 Lab No.: S11-06, RV-452-11  
 E.A.: 73643 Job Description: KINGSBURY GRADE SR 207 MP: 0.00 TO 3.76  
 Date Rec'd: 9/22/11  
 Samplers: BAKER, RIGSBY Station: "WR" 200+60 Route: SR 207  
 Location from CL (ft): \_\_\_\_\_ Lt. \_\_\_\_\_ Rt. 10'  
 Sample No.: 25 County: DOUGLAS

Sample Type:	Depth (ft)	Sample Location	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) <u>7"</u> Oil Depth (in) <u>6"</u> Remarks: <u>Aggregate base treated with oil.</u>	0--		200
	2--		2--
	4--	Auger Cuttings	4--
	6--		6--
	8--		8--
	10--		10--
	12--		12--
	14--		14--
	16--		16--
Submitted By: <u>PETE BAKER</u>	18--		18--
Title: <u>Supervisor 1</u>	20--		20--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	<b>100</b>
3/8"	<b>99</b>
No. 4	<b>93</b>
No. 10	<b>73</b>
No. 16	<b>61</b>
No. 40	<b>38</b>
No. 50	<b>31</b>
No. 100	<b>21</b>
No. 200	<b>15</b>

Liquid Limit	<u>21</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>72</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>5.5</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-1-b</u>	

Remarks: Line Sampling for roadway subgrade testing.

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# LINE SAMPLING DATA

Date Reported: 10/14/11  
 Lab No.: S11-06, RV-455-11  
 E.A.: 73643 Job Description: KINGSBURY GRADE SR 207 MP: 0.00 TO 3.76  
 Date Rec'd: 9/22/11  
 Samplers: BAKER, RIGSBY Station: "WR" 205+60 Route: SR 207  
 Location from CL (ft) Lt. 9.5 Rt. \_\_\_\_\_  
 Sample No.: 28 County: DOUGLAS

Sample Type:	Depth (ft)	Sample Location	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--		200
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	2--		
	4--	Auger Cuttings	
Cut Section <input type="checkbox"/> Fill Section <input checked="" type="checkbox"/>	6--		
Taken Through Oil <input checked="" type="checkbox"/> Taken on Shoulder <input type="checkbox"/>	8--		
Gravel Depth (in) <u>7"</u> Oil Depth (in) <u>7"</u>	10--		
Remarks: <u>Aggregate base treated with oil.</u>	12--		
	14--		
	16--		
Submitted By: <u>PETE BAKER</u>	18--		
Title: <u>Supervisor 1</u>	20--		

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	<b>100</b>
No. 4	<b>94</b>
No. 10	<b>71</b>
No. 16	<b>58</b>
No. 40	<b>37</b>
No. 50	<b>31</b>
No. 100	<b>22</b>
No. 200	<b>16</b>

Liquid Limit	<u>21</u>	
Plastic Index	<u>NP</u>	
Specific Gravity	_____	
Resistance Value	<u>72</u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u>5.5</u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u>A-1-b</u>	

Remarks: Line Sampling for roadway subgrade testing.

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# LINE SAMPLING DATA

Date Reported: 10/14/11  
 Lab No.: S11-06, RV-453-11  
 E.A.: 73643 Job Description: KINGSBURY GRADE SR 207 MP: 0.00 TO 3.76  
 Date Rec'd: 9/22/11  
 Samplers: BAKER, RIGSBY Station: "WR" 210+60 Route: SR 207  
 Location from CL (ft): \_\_\_\_\_ Lt. \_\_\_\_\_ Rt. 10'  
 Sample No.: 26 County: DOUGLAS

Sample Type:	Depth (ft)	Sample Location	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 checked="" type="checkbox"/> Taken on Shoulder <input type="checkbox"/> Gravel Depth (in) <u>7"</u> Oil Depth (in) <u>7"</u> Remarks: <u>Aggregate base treated with oil.</u>	0--		200
	2--		2--
	4--	Auger Cuttings	4--
	6--		6--
	8--		8--
	10--		10--
	12--		12--
	14--		14--
	16--		16--
Submitted By: <u>PETE BAKER</u>	18--		18--
Title: <u>Supervisor 1</u>	20--		20--

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	<b>100</b>
1/2"	<b>97</b>
3/8"	<b>95</b>
No. 4	<b>83</b>
No. 10	<b>58</b>
No. 16	<b>47</b>
No. 40	<b>28</b>
No. 50	<b>22</b>
No. 100	<b>14</b>
No. 200	<b>10</b>

Liquid Limit	<u><b>19</b></u>	
Plastic Index	<u><b>NP</b></u>	
Specific Gravity	_____	
Resistance Value	<u><b>73</b></u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u><b>5.2</b></u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u><b>A-1-b</b></u>	

Remarks: Line Sampling for roadway subgrade testing.

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# LINE SAMPLING DATA

Date Reported: 10/14/11  
 Lab No.: S11-06, RV-454-11  
 E.A.: 73643 Job Description: KINGSBURY GRADE SR 207 MP: 0.00 TO 3.76  
 Date Rec'd: 9/22/11  
 Samplers: BAKER, RIGSBY Station: "WR" 215+60 Route: SR 207  
 Location from CL (ft) Lt. 10' Rt. \_\_\_\_\_  
 Sample No.: 27 County: DOUGLAS

Sample Type:	Depth (ft)	Sample Location	PSI
RV <input checked="" type="checkbox"/> Sub <input type="checkbox"/> Chem <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/>	0--		200
Vegetation: None <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Brushy <input type="checkbox"/> Grassy <input type="checkbox"/>	2--		
	4--	Auger Cuttings	
Cut Section <input checked="" type="checkbox"/> Fill Section <input type="checkbox"/>	6--		
Taken Through Oil <input checked="" type="checkbox"/> Taken on Shoulder <input type="checkbox"/>	8--		
Gravel Depth (in) <u>7"</u> Oil Depth (in) <u>7"</u>	10--		
Remarks: <u>Aggregate base treated with oil.</u>	12--		
	14--		
	16--		
Submitted By: <u>PETE BAKER</u>	18--		
Title: <u>Supervisor 1</u>	20--		

Sieve Size	% Passing
3"	
2"	
1.5"	
1"	
3/4"	
1/2"	
3/8"	<b>100</b>
No. 4	<b>96</b>
No. 10	<b>79</b>
No. 16	<b>68</b>
No. 40	<b>46</b>
No. 50	<b>39</b>
No. 100	<b>27</b>
No. 200	<b>19</b>

Liquid Limit	<u><b>19</b></u>	
Plastic Index	<u><b>NP</b></u>	
Specific Gravity	_____	
Resistance Value	<u><b>71</b></u>	
Cover	Stabilometer	Expansion Pressure
Thickness	<u><b>5.8</b></u>	_____
Sand Equivalent	_____	
Natural Moisture, %	_____	
Resistivity	_____	
pH Factor	_____	
AASHTO Classification	<u><b>A-1-b</b></u>	

Remarks: Line Sampling for roadway subgrade testing.

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