Daily Record Of Miscellaneous Items

(f) Calculations*

Headwall at 102+087: 3.27 m³

(g) Supporting sketch and details*

See the following attachments:
(a) hand drawn field cross section
(b) irregular polygon area calculation sheets

Summary of Quantities

(d) Location:

see above stations

(e) Measured quantity:

3.27 m³

Total Quantity:

3.3 m³

(h) Name of person measuring work: ____________________________

(i) ■ Interim Measurement □ Final Measurement

I certify the above measurements and calculations are correct and the total quantity is subject to direct payment for the item identified.

(j) Contractor Representative

FHWA Use Only

Verified By: ____________________________

Construction Inspector

Approved

Entered To Record

Checked By: ____________________________

FHWA Representative

Date: ____________________________
STA 102+087 Culvert Concrete Headwall
Slope Section Area
STA 102+087 Culvert Concrete Headwall
Pipe in Slope Section Area to Subtract

```
```

More Online Geometry Calculators and Solvers.

Updated: 25 November 2007 (A Dendane)
STA 102+087 Culvert Concrete Headwall
Face Section Area

More Online Geometry Calculators and Solvers.
(a) Project Name: 
Project Number: 

(b) Item Number: 60201
Item Description: 18-Inch Pipe Culvert

(c) Date work performed:

Daily Record Of Miscellaneous Items

(f) Calculations*:
Sta. 30+82, Length = 50'

(g) Supporting sketch and details*:
see attached documentation:
1) Culvert notes, 2) X-Section

Summary of Quantities

(d) Location:
Sta. 30+82

(e) Measured quantity:
50

Total Quantity: 50
Unit of Measurement: LNFT

(h) Name of person measuring work:

(i) [ ] Interim Measurement [ ] Final Measurement

I certify the above measurements and calculations are correct and the total quantity is subject to direct payment for the item identified.

(j) Contractor Representative

---

FHWA Use Only

Verified By:

Construction Inspector

Approved

Entered To Record

Checked By:

FHWA Representative Date:
### Culvert Notes

<table>
<thead>
<tr>
<th>Station</th>
<th>Size</th>
<th>Length</th>
<th>Gauge or Class</th>
<th>Type</th>
<th>Inspector's Signature</th>
</tr>
</thead>
<tbody>
<tr>
<td>30+82</td>
<td>18''</td>
<td>62'</td>
<td>Class IV</td>
<td>Concrete</td>
<td></td>
</tr>
</tbody>
</table>

**Beveled End Sections**

- Inlet: 1:2
- Outlet: 1:2

**Pipe Installed**

- Date:
- Elevation Lt. 535.11
- Cover Min: 1.0
- Skew: __________

**Cross-Section Notes**

<table>
<thead>
<tr>
<th>Station</th>
<th>Elevation</th>
<th>Grade</th>
<th>Ground</th>
<th>Rt Shldr</th>
<th>CL</th>
<th>Lt Shldr</th>
</tr>
</thead>
<tbody>
<tr>
<td>30+82</td>
<td>533.87 Outlet Rt.</td>
<td>Subgrade Elev</td>
<td>538.15</td>
<td>536.54</td>
<td>538.16</td>
<td></td>
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<tr>
<td>0.00</td>
<td>534.22 Shldr. Rt.</td>
<td>Top of pipe</td>
<td>536.47</td>
<td>536.81</td>
<td>537.16</td>
<td></td>
</tr>
<tr>
<td>17.75</td>
<td>534.56 CL</td>
<td>Depth of cover</td>
<td>1.68</td>
<td>1.73</td>
<td>1.0</td>
<td></td>
</tr>
<tr>
<td>51.75</td>
<td>534.94 Shldr. Lt</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>62.00</td>
<td>535.11 Inlet Lt.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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</table>

Good practice to record pipe heat numbers here to verify material certifications.

### SUMMARY OF QUANTITIES

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Quantity</th>
<th>Unit</th>
<th>Ent. in Sum Book Page No. Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>60201-0600</td>
<td>18-Inch Pipe Culvert (62' total-12' end sections=50' total length)</td>
<td>50</td>
<td>LNFT</td>
<td></td>
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<tr>
<td>60210-0600</td>
<td>End Section for 18-inch pipe culvert</td>
<td>2</td>
<td>EA</td>
<td></td>
</tr>
</tbody>
</table>

Computed by: ______________________  Checked by: ______________________

Date: ______________________  Date: ______________________
**Daily Record Of Miscellaneous Items**

- **Calculations***:
  
  Culvert installed at 20+120: 450mm pipe culvert = 12.5 m

- **Supporting sketch and details***:
  
  see attached documentation:
  1) hand drawn cross section

### Summary of Quantities

<table>
<thead>
<tr>
<th>Location</th>
<th>Measured Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>see above</td>
<td>12.5 m</td>
</tr>
</tbody>
</table>

*Attach additional sheets if necessary.

**Total Quantity**: 12.5 m

**FHWA Use Only**

- Verified By: ____________________________
- Construction Inspector: ____________________________
- Approved: ____________________________
- Entered To Record: ____________________________
- Checked By: ____________________________

**Contractor Representative**: ____________________________

**FHWA Representative**: ____________________________

Date: ____________________________
STORM DRAIN 39
Approach 20+120 RT

- Approach Grade: given -9.7%
- FG SH: 5.60 m EL. 1731.065
- Drainage Location Offset: 14.67 m CONSTANT

Outlet (Invert)

EL. 1728.80
STA. 20+112.775
Offset: 14.67 m LT
Grade: -2%
Total Length: 14.00 m
Pipe Length: 12.50 m

Flow Line Azimuth: 206° 39' 51"

- Jake Mastrud
June 6th, 2011
(a) Project Name:  
Project Number:  

(b) Item Number: 60201  
Item Description: 600mm pipe culvert  

(c) Date work performed:  

Daily Record Of Miscellaneous Items  

(f) Calculations*:  
Crew installed 19.79 m, 600mm pipe culvert at 31+930  

(g) Supporting sketch and details*:  
see the attached Culvert Notes  

Summary of Quantities  

<table>
<thead>
<tr>
<th>(d) Location:</th>
<th>(e) Measured quantity:</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>see above station</td>
<td>19.8m</td>
<td></td>
</tr>
</tbody>
</table>

*Attach additional sheets if necessary.  

Total Quantity: 19.8  
Unit of Measurement: m  

(h) Name of person measuring work:  

(i) □ Interim Measurement □ Final Measurement  

I certify the above measurements and calculations are correct and the total quantity is subject to direct payment for the item identified.  

(j) Contractor Representative  

FHWA Use Only  

Verified By:  
Construction Inspector  
Approved  
Checked By:  
Entered To Record  
FHWA Representative  
Date:  

Page 106 of 134
### Culvert Notes

**Station** | **Size** | **Length** | **Gauge or Class** | **Type** | **Inspector's Signature**
---|---|---|---|---|---
31+930 | 600 m | 19.79 m | 1/6 | CMP Rd |

**Beveled End Sections**
- Inlet: ______________________
- Outlet: ____________________
- In Place m Lt.: ________
- Extend: m Lt. ________
- New: ______________________
- Salvaged: ________________
- m Rt.: ___________________
- Total Fall: ______________
- Grade: _________________

**Elevation**
- Lt. 2228.461
- Rt. 2230.161

**Cover**
- Min: __________
- Max: __________

**Skew:** 02 30' 57"

### CROSS - SECTION NOTES

![Diagram](image)

**SUMMARY OF QUANTITIES**

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Quantity</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>60201-0900</td>
<td>600 m Rtr.</td>
<td>15.79</td>
<td></td>
</tr>
</tbody>
</table>

**Computed by:** ______________________

**Checked by:** ______________________

**Date:** __6/3/09__
### Daily Record Of Miscellaneous Items

#### (f) Calculations*:

36 inch pipe installed at 243+08.54: Pipe length = 68.29' (excluding end sections)

#### (g) Supporting sketch and details*:

see the attached as-built drawing

### Summary of Quantities

<table>
<thead>
<tr>
<th>Location:</th>
<th>Measured quantity:</th>
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<tbody>
<tr>
<td>see above stations</td>
<td>68.3 ft</td>
</tr>
</tbody>
</table>

**Total Quantity:** 68.3 ft

*Attach additional sheets if necessary.

#### (h) Name of person measuring work:

__________________________

#### (i) Interim Measurement  Final Measurement

**I certify the above measurements and calculations are correct and the total quantity is subject to direct payment for the item identified.**

__________________________

**FHWA Use Only**

<table>
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<tr>
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<th>Construction Inspector</th>
</tr>
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<tbody>
<tr>
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<td>Entered To Record</td>
</tr>
</tbody>
</table>

______  ______

*Checked By: ____________________  Date: ____________________

(i) Contractor Representative

__________________________  ____________________
Asbuilt 36" x 78.29 CMP @ 243+08.54

Outlet
243+05.48
50.66 Lt
El 144.69

Lt Sh
243+07.48
16.03 Lt
El 161.26

CL
243+08.54
El 160.21

Rt Sh
243+08.81
17.79 Rt
El 159.03

Inlet
243+10.49
26.57 Rt
El 158.47

+6.53%

-6.62%

Min Cover = 0.90

Energy Dissipator
Class 2 Rip Rap

Profile View

Energy Dissipator
Class 2 Rip Rap

Plan View

Skew = 4 Deg 243+08.54

Notes:
1. 78.29CMP includes End Sections @ 6' Each
2. 1 Energy Dissipator
3. Template = Subgrade Elevations

Submitted By:
Drawn By: DM
8-10-2008
Revised 8-26-2008 (New Data)
Daily Record Of Miscellaneous Items

(f) Calculations*:
Crew installed 93.88 m of collector pipe in the subex area from 34+915 to 35+010

(g) Supporting sketch and details*:
see attached profile sheet

Summary of Quantities

(d) Location: see above
(e) Measured quantity: 93.88 m

Total Quantity: 93.9
Unit of Measurement: m

(h) Name of person measuring work: ____________________________

(i) [ ] Interim Measurement [ ] Final Measurement

I certify the above measurements and calculations are correct and the total quantity is subject to direct payment for the item identified.

______________________________________________
Contractor Representative

______________________________________________
FHWA Representative Date:
<table>
<thead>
<tr>
<th>STATION TO STATION</th>
<th>SIDE</th>
<th>QUANTITY</th>
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</thead>
<tbody>
<tr>
<td>34+900</td>
<td>LT</td>
<td>94</td>
</tr>
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**Legend:**
- Designated wetlands

**Subexcavation, Type IV**

- Start @ Sta 34+915
- Stop @ Sta 35+010

**Notes:**
- Line to be stake and constructed
- D = 21° 35' 16" (RT)
- R = 1,362,000 m
- T = 259,605 m
- L = 513,171 m
- a = 0.024
**Daily Record Of Miscellaneous Items**

**Calculations**:  
Sta. 78+15 to Sta. 92+28: \((\text{Length 1413'} \times \text{Avg width 3.4'}) = 4804.2 \text{ SQFT} = 533.8 \text{ SQYD}\)

**Summary of Quantities**

<table>
<thead>
<tr>
<th>Location:</th>
<th>Measured quantity:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sta. 78+15 to Sta. 92+28</td>
<td>533.8</td>
</tr>
</tbody>
</table>

*Attach additional sheets if necessary.

**Name of person measuring work:**

- [ ] Interim Measurement
- [ ] Final Measurement

I certify the above measurements and calculations are correct and the total quantity is subject to direct payment for the item identified.

**FHWA Use Only**

<table>
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<th>Verified By:</th>
<th>Entered To Record</th>
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<td>Construction Inspector</td>
<td>Checked By:</td>
</tr>
<tr>
<td>Approved</td>
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**FHWA Representative**

<table>
<thead>
<tr>
<th>Date:</th>
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</thead>
<tbody>
<tr>
<td>DATE</td>
</tr>
<tr>
<td>------</td>
</tr>
<tr>
<td>78+15</td>
</tr>
<tr>
<td>79+42</td>
</tr>
<tr>
<td>82+33</td>
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<td>87+68</td>
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**Width Measure**
Daily Record Of Miscellaneous Items

(f) Calculations*:
Guardrail installed at locations between Station 20+60 and Station 558+39

(g) Supporting sketch and details*:
*see attached quantity spreadsheet

Summary of Quantities

(d) Location: see above
(e) Measured quantity: 5924 LNFT

*Attach additional sheets if necessary.

(h) Name of person measuring work:

(i) ☐ Interim Measurement ☐ Final Measurement

I certify the above measurements and calculations are correct and the total quantity is subject to direct payment for the item identified.

(j) Contractor Representative

FHWA Use Only

Verified By:

Construction Inspector

Approved

Entered To Record

Checked By:

FHWA Representative Date:
<table>
<thead>
<tr>
<th>Begin Station</th>
<th>End Station</th>
<th>Side</th>
<th>Item 61701-1250 Guardrail system G4, type 2, class A wood posts (lnft)</th>
<th>Item 61702-0600 Terminal section, type flared (each)</th>
</tr>
</thead>
<tbody>
<tr>
<td>20+60</td>
<td>23+38</td>
<td>Lt</td>
<td>203.0</td>
<td>2</td>
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<tr>
<td>35+13</td>
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<td>Rt</td>
<td>198.0</td>
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<td>45+39</td>
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<td>560.0</td>
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<td>195+00</td>
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<td>Lt</td>
<td>353.0</td>
<td>2</td>
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<tr>
<td>236+08</td>
<td>239+92</td>
<td>Rt</td>
<td>309.0</td>
<td>2</td>
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<td>270+12</td>
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<td><strong>Total</strong></td>
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<td><strong>5924.0 LNFT</strong></td>
<td><strong>49 EA</strong></td>
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</tbody>
</table>
Daily Record Of Miscellaneous Items

(f) Calculations*:
Installed terminal sections at locations between station 20+60 and station 558+39

(g) Supporting sketch and details*:
see attached quantity spreadsheet

Summary of Quantities

(d) Location: see above
(e) Measured quantity: 49

(h) Name of person measuring work:

(i) ■ Interim Measurement □ Final Measurement

I certify the above measurements and calculations are correct and the total quantity is subject to direct payment for the item identified.

(j) Contractor Representative

<table>
<thead>
<tr>
<th>FHWA Use Only</th>
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<tbody>
<tr>
<td>Verified By:</td>
</tr>
<tr>
<td>Construction Inspector</td>
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<td>Approved Entered To Record</td>
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<tr>
<td>Checked By:</td>
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<td>FHWA Representative Date:</td>
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*Attach additional sheets if necessary.
## GUARDRAIL QUANTITIES

**10/28/2009**

<table>
<thead>
<tr>
<th>Begin Station</th>
<th>End Station</th>
<th>Side</th>
<th>Item 61701-1250</th>
<th>Item 61702-0600</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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<td>Guardrail system G4, type 2, class A wood posts (LNFt)</td>
<td>Terminal section, type flared (each)</td>
</tr>
<tr>
<td>20+60</td>
<td>23+38</td>
<td>Lt</td>
<td>203.0</td>
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<td>Rt</td>
<td>195.5</td>
<td>2</td>
</tr>
<tr>
<td>484+98</td>
<td>486+12</td>
<td>Lt</td>
<td>76.5</td>
<td>1</td>
</tr>
<tr>
<td>511+62</td>
<td>514+90</td>
<td>Rt</td>
<td>253.0</td>
<td>2</td>
</tr>
<tr>
<td>512+60</td>
<td>516+38</td>
<td>Lt</td>
<td>303.0</td>
<td>2</td>
</tr>
<tr>
<td>522+10</td>
<td>526+42</td>
<td>Lt</td>
<td>357.0</td>
<td>2</td>
</tr>
<tr>
<td>523+62</td>
<td>525+88</td>
<td>Rt</td>
<td>151.0</td>
<td>2</td>
</tr>
<tr>
<td>553+23</td>
<td>557+89</td>
<td>Rt</td>
<td>391.0</td>
<td>2</td>
</tr>
<tr>
<td>553+74</td>
<td>558+39</td>
<td>Lt</td>
<td>390.0</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td></td>
<td><strong>5924.0 LNFt</strong></td>
<td><strong>49 EA</strong></td>
</tr>
</tbody>
</table>
(a) Project Name: 
Project Number: 

(b) Item Number: 62201 
Item Description: Motor Grader, 12 Foot Minimum Blade 

(c) Date work performed: 

Daily Record Of Miscellaneous Items

(f) Calculations*: 
Performing road maintenance on detour route: 8.75 HR 

(g) Supporting sketch and details*: 

Summary of Quantities

(d) Location: 
Detour route 

(e) Measured quantity: 9.0 

*Attach additional sheets if necessary. 

Total Quantity: 9.0 
Unit of Measurement: HR 

(h) Name of person measuring work: 

(i) [ ] Interim Measurement [ ] Final Measurement 

I certify the above measurements and calculations are correct and the total quantity is subject to direct payment for the item identified. 

(j) Contractor Representative 

FHWA Use Only

verified By: 
Construction Inspector: 
Approved: Entered To Record: 
Checked By: 
FHWA Representative: Date: 

Page 118 of 134
**Daily Record Of Miscellaneous Items**

(f) Calculations*:

Hand digging special ditch from 30+50 LT to 33+00 LT: 8.25 HR

---

(g) Supporting sketch and details*:

---

### Summary of Quantities

<table>
<thead>
<tr>
<th>(d) Location:</th>
<th>(e) Measured quantity:</th>
</tr>
</thead>
<tbody>
<tr>
<td>see above</td>
<td>8.5</td>
</tr>
</tbody>
</table>

*Attach additional sheets if necessary.

(h) Name of person measuring work: ____________________________

(i) [ ] Interim Measurement  [ ] Final Measurement

I certify the above measurements and calculations are correct and the total quantity is subject to direct payment for the item identified.

| (j) Contractor Representative |

---

**FHWA Use Only**

Verified By: ____________________________

Construction Inspector: ____________________________

Approved: ____________________________

Entered To Record: ____________________________

Checked By: ____________________________

FHWA Representative: ____________________________

Date: ____________________________

---

Page 119 of 134
Daily Record Of Miscellaneous Items

(f) Calculations*:
Seeding from 0+035 to 1+624: 1000 m² = 10 slurry units

(g) Supporting sketch and details*:
see attached documentation quantity spreadsheet

Summary of Quantities

(d) Location: see above
(e) Measured quantity: 10 slry

*Attach additional sheets if necessary.

(h) Name of person measuring work:

(i) □ Interim Measurement  □ Final Measurement

I certify the above measurements and calculations are correct and the total quantity is subject to direct payment for the item identified.

(j) Contractor Representative

FHWA Use Only

Verified By: ________________________________
Construction Inspector
Approved
Checked By: ________________________________
Entered To Record

FHWA Representative Date: ________________________________
<table>
<thead>
<tr>
<th>STATION</th>
<th>PLAN (m²)</th>
<th>SLURRY UNITS</th>
<th>DATE</th>
<th>INITIALS</th>
</tr>
</thead>
<tbody>
<tr>
<td>0+035</td>
<td>944</td>
<td>1</td>
<td>9/28/92</td>
<td>JKD</td>
</tr>
<tr>
<td>0+055</td>
<td>1002</td>
<td>1</td>
<td>9/28/92</td>
<td>JKD</td>
</tr>
<tr>
<td>1+206</td>
<td>985</td>
<td>1</td>
<td>9/28/92</td>
<td>JKD</td>
</tr>
<tr>
<td>1+278</td>
<td>1907</td>
<td>2</td>
<td>9/28/92</td>
<td>JKD</td>
</tr>
<tr>
<td>1+322</td>
<td>990</td>
<td>1</td>
<td>9/28/92</td>
<td>JKD</td>
</tr>
<tr>
<td>1+400</td>
<td>1020</td>
<td>1</td>
<td>9/29/92</td>
<td>JKD</td>
</tr>
<tr>
<td>1+520</td>
<td>1000</td>
<td>1</td>
<td>9/29/92</td>
<td>JKD</td>
</tr>
<tr>
<td>1+599</td>
<td>995</td>
<td>1</td>
<td>9/29/92</td>
<td>JKD</td>
</tr>
<tr>
<td>1+624</td>
<td>1000</td>
<td>1</td>
<td>9/29/92</td>
<td>JKD</td>
</tr>
<tr>
<td><strong>PAGE TOTAL</strong></td>
<td><strong>10</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-----------------------------</td>
<td>--------------------------------------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 SLURRY UNIT = 4000 LITERS OF WATER PI</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8.810 kg BULK SEED</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(6.725 kg LIVE SEED)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>22.7 kg 10:20:10 FERTILIZER</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13.6 kg 38:0:0 FERTILIZER</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AND MULCH FOR TRACER:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>16.812 kg PER SLURRY UNIT</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10 SLURRY UNITS PER HECTARE</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10000 square meters = 1 hectare</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10000/10 = 1000 m$^2$ PER SLURRY UNIT</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Daily Record Of Miscellaneous Items

(f) Calculations*:

Signs Removed and Reset = 20 ea

(g) Supporting sketch and details*:

see attached documentation quantity spreadsheet

Summary of Quantities

<table>
<thead>
<tr>
<th>(d) Location:</th>
<th>(e) Measured quantity:</th>
</tr>
</thead>
<tbody>
<tr>
<td>see above</td>
<td>20 ea</td>
</tr>
</tbody>
</table>

*Attach additional sheets if necessary.

Total Quantity: 20

Unit of Measurement: ea

(h) Name of person measuring work: ________________________________

(i) □ Interim Measurement  □ Final Measurement

I certify the above measurements and calculations are correct and the total quantity is subject to direct payment for the item identified.

(j) Contractor Representative

FHWA Use Only

Verified By: ________________________________

Construction Inspector

Approved ________________________________

Entered To Record

Checked By: ________________________________

FHWA Representative ____________ Date: ____________
<table>
<thead>
<tr>
<th>Removed/Reset</th>
<th>Work Completed</th>
<th>Station</th>
<th>Side</th>
<th>Sign</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>5+75</td>
<td>RT</td>
<td>Reverse turn sight right</td>
</tr>
<tr>
<td></td>
<td></td>
<td>11+75</td>
<td>RT</td>
<td>Pavement Ends</td>
</tr>
<tr>
<td>x</td>
<td>5/27/2009</td>
<td>14+50</td>
<td>LT</td>
<td>Reverse turn sight right</td>
</tr>
<tr>
<td>x</td>
<td>5/27/2009</td>
<td>25+68</td>
<td>Rt</td>
<td>Lights on for safety</td>
</tr>
<tr>
<td>x</td>
<td>5/27/2009</td>
<td>54+95</td>
<td>RT</td>
<td>MP 1</td>
</tr>
<tr>
<td>x</td>
<td>5/27/2009</td>
<td>107+75</td>
<td>RT</td>
<td>MP 2</td>
</tr>
<tr>
<td>x</td>
<td>5/24/2009</td>
<td>160+55</td>
<td>RT</td>
<td>MP 3</td>
</tr>
<tr>
<td>x</td>
<td>5/24/2009</td>
<td>213+35</td>
<td>RT</td>
<td>MP 4</td>
</tr>
<tr>
<td>x</td>
<td>5/24/2009</td>
<td>266+15</td>
<td>RT</td>
<td>MP 5</td>
</tr>
<tr>
<td>x</td>
<td>5/24/2009</td>
<td>318+95</td>
<td>RT</td>
<td>MP 6</td>
</tr>
<tr>
<td>x</td>
<td>5/24/2009</td>
<td>371+75</td>
<td>RT</td>
<td>MP 7</td>
</tr>
<tr>
<td>x</td>
<td>5/19/2009</td>
<td>424+55</td>
<td>RT</td>
<td>MP 8</td>
</tr>
<tr>
<td>x</td>
<td>5/19/2009</td>
<td>450+35</td>
<td>LT</td>
<td>Rd #7830</td>
</tr>
<tr>
<td>x</td>
<td>5/12/2009</td>
<td>450+34</td>
<td>LT</td>
<td>22 National Forest</td>
</tr>
<tr>
<td>x</td>
<td>5/12/2009</td>
<td>478+69</td>
<td>RT</td>
<td>MP 9</td>
</tr>
<tr>
<td>x</td>
<td>5/12/2009</td>
<td>530+15</td>
<td>RT</td>
<td>MP 10</td>
</tr>
<tr>
<td>x</td>
<td>5/12/2009</td>
<td>563+50</td>
<td>LT</td>
<td>Rd #7860</td>
</tr>
<tr>
<td>x</td>
<td>5/7/2009</td>
<td>582+95</td>
<td>RT</td>
<td>MP 11</td>
</tr>
<tr>
<td>x</td>
<td>5/7/2009</td>
<td>605+00</td>
<td>RT</td>
<td>Intersection Ahead</td>
</tr>
<tr>
<td>x</td>
<td>5/7/2009</td>
<td>607+80</td>
<td>RT</td>
<td>Satsop Center 7/Wynoochee Lake 6</td>
</tr>
<tr>
<td>x</td>
<td>5/7/2009</td>
<td>610+64</td>
<td>RT</td>
<td>22 National Forest</td>
</tr>
<tr>
<td>x</td>
<td>5/7/2009</td>
<td>613+34</td>
<td>LT</td>
<td>Montesano 30</td>
</tr>
<tr>
<td>x</td>
<td>5/7/2009</td>
<td>614+83</td>
<td>RT</td>
<td>Lights on for safety</td>
</tr>
</tbody>
</table>
Daily Record Of Miscellaneous Items

(f) Calculations*:

Pavement markings, broken yellow: 4,540 m

(g) Supporting sketch and details*:

see attached hand-written spreadsheet

Summary of Quantities

(d) Location: see attachment

(e) Measured quantity:

4,540 m

*Attach additional sheets if necessary.

(h) Name of person measuring work: ____________________________

(i) [ ] Interim Measurement [ ] Final Measurement

I certify the above measurements and calculations are correct and the total quantity is subject to direct payment for the item identified.

(j) Contractor Representative

FHWA Use Only

Verified By: ____________________________

Construction Inspector: ____________________________

Approved: ____________________________

Entered To Record: ____________________________

Checked By: ____________________________

FHWA Representative: ____________________________

Date: ____________________________
## Broken Yellow Pavement Marking

<table>
<thead>
<tr>
<th>Begin</th>
<th>End</th>
<th>Length (m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>101+345 RT</td>
<td>102+400 LT</td>
<td>595 2 1190</td>
</tr>
<tr>
<td>102+400 LT</td>
<td>103+307 LT</td>
<td>197 2 394</td>
</tr>
<tr>
<td>102+307 LT</td>
<td>103+601 RT</td>
<td>640 2 1261</td>
</tr>
<tr>
<td>103+601 LT</td>
<td>103+800 LT</td>
<td>199 2 398</td>
</tr>
<tr>
<td>104+519 RT</td>
<td>105+101 RT</td>
<td>552 2 110</td>
</tr>
<tr>
<td>105+101 LT</td>
<td>105+156 LT</td>
<td>55 2 110</td>
</tr>
</tbody>
</table>

Total Length (m): 4,540
Daily Record Of Miscellaneous Items

(f) Calculations*: 
Requesting payment for 27,795.02 m of solid yellow paint.

(g) Supporting sketch and details*: 
see attached documentation:
(a) quantity spreadsheet 
(b) striping layout table

Summary of Quantities

(d) Location: 
North Park Road
(e) Measured quantity:
27,795.02 m

*Attach additional sheets if necessary.

(h) Name of person measuring work: ____________________________

(i) ☐ Interim Measurement ☐ Final Measurement

I certify the above measurements and calculations are correct and the total quantity is subject to direct payment for the item identified.

(j) Contractor Representative

FHWA Use Only

Verified By: ____________________________
Construction Inspector
Approved
Entered To Record
Checked By: ____________________________
FHWA Representative
Date: ____________________________
<table>
<thead>
<tr>
<th>North Park Road</th>
<th>Beginning Station</th>
<th>Ending Station</th>
<th>Length</th>
<th>Meters</th>
</tr>
</thead>
<tbody>
<tr>
<td>Double Yellow</td>
<td>27+900 to 28+700</td>
<td>38+330</td>
<td>10430.00</td>
<td>3200.00</td>
</tr>
<tr>
<td>Single Yellow</td>
<td>28+700 to 28+840</td>
<td>38+330</td>
<td>2*140</td>
<td>280.00</td>
</tr>
<tr>
<td>Single Yellow</td>
<td>29+300 to 29+520</td>
<td>38+330</td>
<td>2*220</td>
<td>440.00</td>
</tr>
<tr>
<td>Double Yellow</td>
<td>29+520 to 31+600</td>
<td>38+330</td>
<td>4*2050</td>
<td>8320.00</td>
</tr>
<tr>
<td>Single Yellow</td>
<td>31+600 to 31+760</td>
<td>38+330</td>
<td>2*160</td>
<td>320.00</td>
</tr>
<tr>
<td>Single Yellow</td>
<td>32+220 to 32+420</td>
<td>38+330</td>
<td>2*200</td>
<td>400.00</td>
</tr>
<tr>
<td>Double Yellow</td>
<td>32+420 to 33+100</td>
<td>38+330</td>
<td>4*680</td>
<td>2720.00</td>
</tr>
<tr>
<td>Single Yellow</td>
<td>33+100 to 33+300</td>
<td>38+330</td>
<td>2*200</td>
<td>400.00</td>
</tr>
<tr>
<td>Single Yellow</td>
<td>34+080 to 34+320</td>
<td>38+330</td>
<td>2*240</td>
<td>480.00</td>
</tr>
<tr>
<td>Double Yellow</td>
<td>34+320 to 35+820</td>
<td>38+330</td>
<td>4*1500</td>
<td>6000.00</td>
</tr>
<tr>
<td>Single Yellow</td>
<td>35+820 to 36+800</td>
<td>38+330</td>
<td>2*980</td>
<td>1960.00</td>
</tr>
<tr>
<td>Double Yellow</td>
<td>36+800 to 37+500</td>
<td>38+330</td>
<td>4*700</td>
<td>2800.00</td>
</tr>
<tr>
<td>Single Yellow</td>
<td>37+500 to 37+700</td>
<td>38+330</td>
<td>2*200</td>
<td>400.00</td>
</tr>
<tr>
<td>Single Yellow</td>
<td>38+220 to 38+330</td>
<td>38+330</td>
<td>2*110</td>
<td>220.00</td>
</tr>
</tbody>
</table>

27940.00 Meters

Gap 27+960 to 27+990 (28.00)
Gap 28+120 to 28+150 (27.10)
Gap 32+660 to 32+685 (23.60)
Gap 32+725 to 32+750 (18.88)
Gap 32+900 to 32+925 (24.32)
Gap 32+960 to 32+980 (23.08)

(144.98) Meters

**SOLID YELLOW GRAND TOTAL** 27795.02 Meters
<table>
<thead>
<tr>
<th>Station</th>
<th>Striping Layout</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOP 27+860</td>
<td>Double Yellow</td>
</tr>
<tr>
<td>28+700</td>
<td>Passing zone N bound</td>
</tr>
<tr>
<td>28+840</td>
<td>Single skip</td>
</tr>
<tr>
<td>29+300</td>
<td>Passing zone S bound</td>
</tr>
<tr>
<td>29+520</td>
<td>Double Yellow</td>
</tr>
<tr>
<td>31+600</td>
<td>Passing zone N bound</td>
</tr>
<tr>
<td>31+760</td>
<td>Single skip</td>
</tr>
<tr>
<td>32+220</td>
<td>Passing zone S bound</td>
</tr>
<tr>
<td>32+420</td>
<td>Double Yellow</td>
</tr>
<tr>
<td>33+100</td>
<td>Passing zone N bound</td>
</tr>
<tr>
<td>33+300</td>
<td>Single skip</td>
</tr>
<tr>
<td>34+080</td>
<td>Passing zone S bound</td>
</tr>
<tr>
<td>34+320</td>
<td>Double Yellow</td>
</tr>
<tr>
<td>35+820</td>
<td>Passing zone N bound</td>
</tr>
<tr>
<td>36+800</td>
<td>Double Yellow</td>
</tr>
<tr>
<td>37+500</td>
<td>Passing zone S bound</td>
</tr>
<tr>
<td>37+700</td>
<td>Single skip</td>
</tr>
<tr>
<td>38+220</td>
<td>Passing zone N bound</td>
</tr>
<tr>
<td>EOP 38+330</td>
<td>Existing markings</td>
</tr>
</tbody>
</table>
**Daily Record Of Miscellaneous Items**

(f) Calculations*:

No new construction sign installation.

NOTE: per section 635.27(c), pay remaining portion when TTC devices are removed from project.

Total installed: 160 SQFT + 27 SQFT = 187 SQFT
Total paid to date: 80 SQFT + 60 SQFT = 140 SQFT
Remaining balance: 187 SQFT - 140 SQFT = 47 SQFT

(g) Supporting sketch and details*:

Example 3 of 3

<table>
<thead>
<tr>
<th>Summary of Quantities</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Location:</strong> see above</td>
</tr>
</tbody>
</table>

*Attach additional sheets if necessary.

(h) Name of person measuring work: ____________________________

(i) [ ] Interim Measurement [ ] Final Measurement

I certify the above measurements and calculations are correct and the total quantity is subject to direct payment for the item identified.

(j) Contractor Representative

<table>
<thead>
<tr>
<th>FHWA Use Only</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Verified By:</strong> ____________________________</td>
</tr>
<tr>
<td><strong>Construction Inspector:</strong> ____________________________</td>
</tr>
<tr>
<td><strong>Approved:</strong> ____________________________</td>
</tr>
<tr>
<td><strong>Entered To Record:</strong> ____________________________</td>
</tr>
<tr>
<td><strong>Checked By:</strong> ____________________________</td>
</tr>
<tr>
<td><strong>FHWA Representative:</strong> ____________________________</td>
</tr>
<tr>
<td><strong>Date:</strong> ____________________________</td>
</tr>
</tbody>
</table>
Daily Record Of Miscellaneous Items

(f) Calculations*:

<table>
<thead>
<tr>
<th>Item Description</th>
<th>Quantity</th>
<th>Unit of Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Road Work Ahead</td>
<td>2 each</td>
<td>18 SQFT</td>
</tr>
<tr>
<td>End Road Work</td>
<td>2 each</td>
<td>9 SQFT</td>
</tr>
</tbody>
</table>

Total 27 SQFT

NOTE: +50% of contract complete, pay add’l 25% per section 635.27(b)

Current paynote: (75%)(27 SQFT) 20.25 SQFT

Total for this payment: 60.25 SQFT

(g) Supporting sketch and details*:

Example 2 of 3

Summary of Quantities

<table>
<thead>
<tr>
<th>Location</th>
<th>Measured quantity:</th>
</tr>
</thead>
<tbody>
<tr>
<td>see above</td>
<td>60.25 SQFT</td>
</tr>
</tbody>
</table>

*Attach additional sheets if necessary.

(h) Name of person measuring work: __________________________

(i) Interim Measurement ☐ Final Measurement

I certify the above measurements and calculations are correct and the total quantity is subject to direct payment for the item identified.

(j) Contractor Representative

FHWA Use Only

Verified By: __________________________

Construction Inspector

Approved Entered To Record

Checked By: __________________________

FHWA Representative Date: __________________________
Daily Record Of Miscellaneous Items

(f) Calculations*:

2 each Road Work Ahead (x2) 36"x36" 18 SQFT
2 each One Lane Road Ahead (x2) 36"x36" 18 SQFT
2 each Flagger (symbol) (x2) 36"x36" 18 SQFT
2 each Be Prepared To Stop (x2) 36"x36" 18 SQFT
4 each Road Work 1000 FT (x4) 36"x36" 36 SQFT
4 each Road Work 500 FT (x4) 36"x36" 36 SQFT
2 each One-Direction Large Arrow (symbol) (x2) 48"x24" 16 SQFT

Total 160 SQFT

Per Section 635.27(a), 50% payment upon install. (50%)(160 SQFT) = 80 SQFT

(g) Supporting sketch and details*:

Example 1 of 3

Summary of Quantities

(d) Location: see above

(e) Measured quantity: 80 SQFT

*Attach additional sheets if necessary.

(h) Name of person measuring work:

Interim Measurement

I certify the above measurements and calculations are correct and the total quantity is subject to direct payment for the item identified.

(j) Contractor Representative

FHWA Use Only

Verified By:

Construction Inspector

Approved

Entered To Record

Checked By:

FHWA Representative

Date:
**Daily Record of Inspection & Activities**

**Weather**
- Clear  
- P. Cloudy  
- Cloudy  
- Rain  
- Snow

**Wind Conditions**
- Calm  
- Light  
- Strong

<table>
<thead>
<tr>
<th>Name of TCS</th>
<th>Day</th>
<th>Temperature</th>
<th>Name of Technician(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>High/ºF</td>
<td>Low/ºF</td>
</tr>
</tbody>
</table>

**Evidence Of An Accident**
- Yes  
- No

**Adequate Buffer Space**
- Yes  
- No

**Is the Work Area Protected**
- Yes  
- No

**Materials Properly Stored**
- Yes  
- No

**Traffic Delays & Closures Meet Contract Specifications**
- Yes  
- No

**Pilot Vehicle**
- Yes  
- No

**Flaggers**
- Yes  
- No

**Construction Signs**
- Yes  
- No

**Barricades**
- Yes  
- No

**Drums**
- Yes  
- No

**Vertical Panels**
- Yes  
- No

**Tubular Traffic Markers**
- Yes  
- No

**Pavement Markings**
- Yes  
- No

**Arrow Board**
- Yes  
- No

**Variable Message Board Message**
- Yes  
- No

**Temporary Concrete Barrier**
- Yes  
- No

**Other**
- Yes  
- No

*Attach additional sheets if necessary.*

(h) Name of person measuring work: 

(i) Interim Measurement  
   Final Measurement

(e) Measured Quantity: 1 Day

I certify the above measurements and calculations are correct and the total quantity is subject to direct payment for the item identified.

(j) Contractor Representative

**FHWA Use Only**

Verified By: 

Construction Inspector 

Approved

Entered To Record

Checked By: 

FHWA Representative

Date: 

Page 133 of 134
Daily Record Of Miscellaneous Items

(d) & (f) Locations and Calculations*:

<table>
<thead>
<tr>
<th>Advanced Warning Signs Installed Per Contract &amp; MUTCD</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flaggers Equipped With Two-Way Radio Communication Equipment When Out Of Sight From Each Other</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Flagger Name</th>
<th>Station</th>
<th>Start</th>
<th>Stop</th>
<th>Total Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jane Doe</td>
<td>10+25</td>
<td>0700</td>
<td>1730</td>
<td>10.0</td>
</tr>
<tr>
<td>Sally Dowright</td>
<td>13+15</td>
<td>0700</td>
<td>1730</td>
<td>10.0</td>
</tr>
<tr>
<td>John Downhome</td>
<td>32+91 (access road)</td>
<td>0700</td>
<td>1730</td>
<td>10.0</td>
</tr>
<tr>
<td>Joe Rigrite</td>
<td>45+27</td>
<td>0700</td>
<td>1530</td>
<td>8.0</td>
</tr>
<tr>
<td>Jim Miney</td>
<td>46+30</td>
<td>0700</td>
<td>1530</td>
<td>8.0</td>
</tr>
</tbody>
</table>

Total 46.0 Hrs

(g) Supporting Sketch and Details

TSS rotated through flaggers to provide ½ hour lunch breaks.

*Attach additional sheets if necessary.

(h) Name of person measuring work: _____________________________

(i) ☑ Interim Measurement ☐ Final Measurement

I certify the above measurements and calculations are correct and the total quantity is subject to direct payment for the item identified.

(j) Contractor Representative