## CITY OF AURORA PAVING AND GEOTECHNICAL FOLDER REVIEW
### ROUTING SLIP – CHECKLIST (June 2017)

**FOLDER RSN:** ____________  
**Subdivision #:** ____________  
**Reviewer:** ____________

**Title:** ____________________________

**Applicant:** ____________________________  
**Grid Location:** ______

**Contact Name:** ____________________________  
**Phone:** ____________

**Geotech Consultant:** ____________________________  
**Fax:** ____________

<table>
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<tr>
<th>EDN:</th>
<th>Pavement</th>
<th>(PARENT RSN: ____________ )</th>
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</thead>
<tbody>
<tr>
<td>Final Design Report</td>
<td>______</td>
<td>P.O. LETTER ______</td>
</tr>
<tr>
<td>Date Received:</td>
<td>______</td>
<td>Returned: ______</td>
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<tr>
<td>Date Received:</td>
<td>______</td>
<td>Returned: ______</td>
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1. **Map with location of test holes, pavement sections, and soil types (Sec 5.0.5.1.02)**  
   - [ ] YES  
   - [ ] NO  
   - [ ] COMMENT

2. **Drill logs: Depths 4' and 9' (Sec 5.0.4.1.14) and Distance apart (Sec 5.0.4.2)**  
   - [ ] YES  
   - [ ] NO  
   - [ ] COMMENT

3. **Grading analysis curves: A-1 to A-4 soils**
   - [ ] YES  
   - [ ] NO  
   - [ ] COMMENT

4. **Permeability of fine grained soils**
   - [ ] YES  
   - [ ] NO  
   - [ ] COMMENT

5. **Edge drain: both sides of sump inlets and upstream of on-grade inlet (Sec 5.0.1.2.01 and Detail S1.19)**
   - [ ] YES  
   - [ ] NO  
   - [ ] COMMENT

6. **Public streets paved with composite section only.**
   - [ ] YES  
   - [ ] NO  
   - [ ] COMMENT

7. **ESAL value (Design periods and 1.5 ESAL value for RTD lane in arterials and collectors) (Sec 5.0.7.1)**
   - [ ] YES  
   - [ ] NO  
   - [ ] COMMENT

8. **Pavement at intersection (Sec 5.0.9.2.01)**
   - [ ] YES  
   - [ ] NO  
   - [ ] COMMENT

9. **Moisture/density curves**
   - [ ] YES  
   - [ ] NO  
   - [ ] COMMENT

10. **Atterberg limits: AASHTO T89 and T90 (Plastic and liquid limits)**
    - [ ] YES  
    - [ ] NO  
    - [ ] COMMENT

11. **Soil classifications and groupings**
    - [ ] YES  
    - [ ] NO  
    - [ ] COMMENT

12. **Swell tests, 1 per 5 holes (except A-1 and A-4)**
    - [ ] YES  
    - [ ] NO  
    - [ ] COMMENT
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<tr>
<td>13. Addresses Swell, if needed (Table 5.06.1.1)</td>
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<td>14. Sulfate tests: A-6 and A-7 soils (1 test in 1,000’)</td>
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<td>15. R-Value/CBR of subgrade/ Remolded Unconfined Compressive strength</td>
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<td>16. Addresses Sulfates, if needed (&gt;0.2%)</td>
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| 17. ESAL Calc's: Study or Equation (Sec. 5.07)  
>Minimums in Tables 5.7.1.1&2 |   |   |
| 18. M<sub>R</sub> Conversion - Flexible (Sec. 5.06.2) |   |   |
| 19. K Conversion - Rigid (Sec. 5.06.2.03) |   |   |
| 20. Structural Number or Concrete thickness  
Design nomograph or acceptable printout |   |   |
| 21. Correct coefficient: asphalt, base course, etc.  
(Table 5.10.1.04.1) |   |   |
| 22. Calculations for Recommended Alternates |   |   |
| 23. Min. pavement sections met (Tables 5.8) |   |   |
| 24. Limits of different soils / pavement sections |   |   |