

**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: \_\_\_\_\_

**EDN:** Pavement (PARENT RSN: \_\_\_\_\_)

**Final Design Report** \_\_\_\_\_ **P.O. LETTER** \_\_\_\_\_ **DEFAULT LETTER** \_\_\_\_\_

Date Received: \_\_\_\_\_ Returned: \_\_\_\_\_ **# Text Documents:** \_\_\_\_\_

Date Received: \_\_\_\_\_ Returned: \_\_\_\_\_ Recommend Approval: \_\_\_\_\_

	<b>YES</b>	<b>NO</b>	<b>COMMENT</b>
1. Map with location of test holes, pavement sections, and soil types (Sec 5.05.1.02)	_____	_____	_____
2. Drill logs: Depths 4' and 9' (Sec 5.04.1.14) and Distance apart (Sec 5.04.2)	_____	_____	_____
3. Grading analysis curves: A-1 to A-4 soils	_____	_____	_____
4. Permeability of fine grained soils	_____	_____	_____
5. Edge drain: both sides of sump inlets and upstream of on-grade inlet (Sec 5.01.2.01 and Detail S1.19)	_____	_____	_____
6. Public streets paved with composite section only.	_____	_____	_____
7. ESAL value (Design periods and 1.5 ESAL value for RTD lane in arterials and collectors) (Sec 5.07.1)	_____	_____	_____
8. Pavement at intersection (Sec 5.09.2.01)	_____	_____	_____
9. Moisture/density curves	_____	_____	_____
10. Atterberg limits: AASHTO T89 and T90 (Plastic and liquid limits)	_____	_____	_____
11. Soil classifications and groupings	_____	_____	_____
12. Swell tests, 1 per 5 holes (except A-1 and A-4)	_____	_____	_____

13. Addresses Swell, if needed (Table 5.06.1.1)	_____	_____	_____
14. Sulfate tests: A-6 and A-7 soils (1 test in 1,000')	_____	_____	_____
15. R-Value/CBR of subgrade/ Remolded Unconfined Compressive strength	_____	_____	_____
16. Addresses Sulfates, if needed (>0.2%)	_____	_____	_____
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	_____	_____	_____