

Mix Design No. _____ Plant No. _____

| Aggregate Gradation | AASHTO | Combined | Nominal Maximum Size (In) | | | | |
|--|------------------------|----------|---------------------------|---|---|--------------|--|
| Aggregates | 1 | 2 | 3 | 4 | 5 | Total | |
| WSDOT Source No. ^b | | | | | | | |
| Source Expiration Date ^b | | | | | | | |
| ASR Expansion (%) ^b 14 Day 1 Year | | | | | | | |
| Is ASR Mitigation Required? | | | | | | | |
| Stock Pile Grading ^c | | | | | | | |
| Percent of Total Aggregate | | | | | | | |
| Specific Gravity (SSD) | | | | | | | |
| Lbs/cy (ssd) | | | | | | | |
| Include Percent Passing for each aggregate component. Include Total only for Combined Gradations. | Percent Passing | | | | | Total | |
| 2 inch | | | | | | | |
| 1-1/2 inch | | | | | | | |
| 1 inch | | | | | | | |
| 3/4 inch | | | | | | | |
| 1/2 inch | | | | | | | |
| 3/8 inch | | | | | | | |
| No. 4 | | | | | | | |
| No. 8 | | | | | | | |
| No. 16 | | | | | | | |
| No. 30 | | | | | | | |
| No. 50 | | | | | | | |
| No. 100 | | | | | | | |
| No. 200 | | | | | | | |

Fineness Modulus: _____ (Required for Class 2 Sand)

Proposed ASR Mitigation Method: _____

Notes:

- a Fly ash or GGBFS is required for Class 4000P mix.
- b Enter data from WSDOT ASA Database. ASR Mitigation is required for sources with 14-day expansions greater than 0.20%. No mitigation is required if the 1-year expansion is less than 0.04%. Proposed mitigation methods for 14-day expansions greater than 0.45% require ASTM C 1567 tests proving that the method is effective. See WSDOT Standard Specification 9-03.1.
- c Stockpile gradation: AASHTO No. 467, 57, 67, 7, 8; WSDOT Class 1, Class 2; or combined gradation stockpile sizes. See WSDOT Standard Specification 9-03.1.
- d Attach test results indicating conformance to Standard Specification 9-25.1.