

# Sampling & Testing Guide-Minimum Frequency

October 17, 2006  
Supersedes October 18, 2005

## GRANULAR SHOULDERS Section 2121

Matls. IM 204  
Appendix U (US) Units

| MATERIAL OR<br>CONSTRUCTION<br>ITEM                                       | TESTS                               | METHOD OF<br>ACCEPTANCE<br>&<br>RELATED IMs | QUALITY CONTROL                                                                           |                            |                |            |                                                                                                                                             | INDEPENDENT ASSURANCE<br>& VERIFICATION S&T |              |       |                                            |            | REMARKS |        |
|---------------------------------------------------------------------------|-------------------------------------|---------------------------------------------|-------------------------------------------------------------------------------------------|----------------------------|----------------|------------|---------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|--------------|-------|--------------------------------------------|------------|---------|--------|
|                                                                           |                                     |                                             | SAMPLE<br>BY                                                                              | FREQ.                      | SAMPLE<br>SIZE | TEST<br>BY | REPORT                                                                                                                                      | S&T<br>TYPE                                 | SAMPLE<br>BY | FREQ. | SAMPLE<br>SIZE                             | TEST<br>BY |         | REPORT |
| SOURCE INSPECTION                                                         |                                     |                                             |                                                                                           |                            |                |            |                                                                                                                                             |                                             |              |       |                                            |            |         |        |
| Aggregate<br>(4120.02)                                                    | Gradation<br>Quality                | AS 209                                      |                                                                                           |                            |                |            |                                                                                                                                             |                                             |              |       |                                            |            |         |        |
| Aggregate<br>(Paved Shoulder<br>Fillets) (4120.07)                        | Gradation<br>Quality                | AS 209                                      |                                                                                           |                            |                |            |                                                                                                                                             |                                             |              |       |                                            |            |         |        |
|                                                                           |                                     |                                             |                                                                                           |                            |                |            |                                                                                                                                             |                                             |              |       |                                            |            |         |        |
|                                                                           |                                     |                                             |                                                                                           |                            |                |            |                                                                                                                                             |                                             |              |       |                                            |            |         |        |
|                                                                           |                                     |                                             |                                                                                           |                            |                |            |                                                                                                                                             |                                             |              |       |                                            |            |         |        |
| GRADE INSPECTION                                                          |                                     |                                             |                                                                                           |                            |                |            |                                                                                                                                             |                                             |              |       |                                            |            |         |        |
| Dimensions                                                                | Thickness<br>Width<br>Cross Section | Template                                    | RCE                                                                                       | 3/mile<br>3/mile<br>3/mile |                | RCE        | Field Book                                                                                                                                  |                                             |              |       |                                            |            |         |        |
| Aggregate (Paved<br>Shoulder Fillets)                                     | Gradation                           | Certification                               |                                                                                           |                            |                |            |                                                                                                                                             |                                             |              |       |                                            |            |         |        |
|                                                                           |                                     |                                             |                                                                                           |                            |                |            |                                                                                                                                             |                                             |              |       |                                            |            |         |        |
|                                                                           |                                     |                                             |                                                                                           |                            |                |            |                                                                                                                                             |                                             |              |       |                                            |            |         |        |
|                                                                           |                                     |                                             |                                                                                           |                            |                |            |                                                                                                                                             |                                             |              |       |                                            |            |         |        |
| AS-Approved Source<br>ASD-Approved Shop Drawing<br>S&T-Sampling & Testing |                                     |                                             | Cert A-Type A Certification<br>Cert C-Type C Certification<br>Cert D-Type D Certification |                            |                |            | RCE-Resident Construction Engineer/Project Engineer<br>DME-District Materials Engineer<br>CTRL-Central Materials Office<br>CONTR-Contractor |                                             |              |       | IA-Independent Assurance<br>V-Verification |            |         |        |