

Airfield Paving Checklist
Exhibit S1.2

P-152 Unclassified Excavation and Embankment
Inspection Checklist

Project: _____ Location: _____
Date Placed: _____ Date Tested: _____

CHECKLIST

- Checklist Completed, Signed and Dated
- Comments Completed
- Proof Rolling of Subgrade Meets Requirements of FAA Spec Item 152-2.9
- Moisture Content Prior to Compaction Meets Requirements of FAA Spec Item 152-2.10 (Every 3,000 S.Y. of Subgrade)
- In-Place Field Density Meets Requirements of FAA Spec Item 152-2.10 (Every 3,000 S.Y. of Subgrade. If a Nuclear Gage is Used, Two Random Readings Every 1,500 S.Y.)
- Smoothness Meets Requirements of FAA Spec Item 152-2.13 a (Every 50' x 50' Grid)
- Accuracy of Grade and Crown Meets Requirements of FAA Spec Item 152-2.13 b (Every 50' x 50' Grid)

Reviewer: _____
Date: _____

Comments
1. _____
2. _____
3. _____

Airfield Paving Checklist
Exhibit S1.2

P-209 Crushed Aggregate Base Course
Inspection Checklist

Project: _____ Location: _____
Date Placed: _____ Date Tested: _____

CHECK LIST

- Checklist Completed, Signed and Dated
- Comments Completed
- Coarse Aggregate Base Meets Requirements of FAA Spec Items 209-2.1 and 209-2.2 (Twice per Day)
- Moisture Content Prior to Compaction Meets Requirements of FAA Spec Item 209-3.5 (Two Random Tests Every 1200 S.Y.)
- In-Place Field Density Meets Requirements of FAA Spec Items 209-3.5 and 209-3.9 a (Two Random Tests Every 1200 S.Y.)
- Smoothness Meets Requirements of FAA Spec Item 209-3.8 a (Every 50' x 50' Grid)
- Accuracy of Grade and Crown Meets Requirements of FAA Spec Item 209-3.8 b (Every 50' x 50' Grid)
- Thickness Meets Requirements of FAA Spec Item 209-3.9 b (Two Random Tests Every 1200 S.Y.)

Reviewer: _____
Date: _____

Comments
1. _____
2. _____
3. _____

Airfield Paving Checklist
Exhibit S1.2

P-219 Recycled Concrete Aggregate Base Course
Inspection Checklist

Project: _____ Location: _____
Date Placed: _____ Date Tested: _____

CHECKLIST

- Checklist Completed, Signed and Dated
- Comments Completed
- Gradation of Recycled Concrete Aggregate Base Meets Requirements of FAA Spec Items 219-2.1 and 219.2.2 (Twice per Day)
- Moisture Content Prior to Compaction Meets Requirements of FAA Spec Item 219-3.4 (Two Random Tests Every 1200 S.Y.)
- In-Place Field Density Meets Requirements of FAA Spec Items 219-3.4 and 219-3.8 a (Two Random Tests Every 1200 S.Y.)
- Smoothness Meets Requirements of FAA Spec Item 219-3.7 a (Every 50' x 50' Grid)
- Accuracy of Grade and Crown Meets Requirements of FAA Spec Item 219-3.7 b (Every 50' x 50' Grid)
- Thickness Meets Requirements of FAA Spec Item 219-3.8 b (Two Random Tests Every 1200 S.Y.)

Reviewer: _____
Date: _____

Comments
1. _____
2. _____
3. _____

Airfield Paving Checklist
Exhibit S1.2

P-401 Asphalt Mix Pavement Placement
Inspection Checklist – 2 pages

Project: _____

Contractor/Plant: _____

Lot No./Sublots: _____

Ticket Tonnage: _____ Wasted Tonnage: _____ Total Tonnage: _____

Pay Reduction: Applicable Not applicable

Course/Performance Grade Utilized: P-401 Surface Course / PG __-__ P-401 Leveling Course / PG __-__
 P-401 Base Course / PG __-__

Bid Item: Bid Item Number: _____ Bid Item Number: _____
 Bid Item Number: _____ Bid Item Number: _____

Date Paved: _____

CHECKLIST

- Checklist Completed, Signed and Dated
- Comments Completed
- Paving Map (Paving Lanes, Lot/Sublot Limits)
- PF / PWL Calculations (Signed and Dated)
 - Correct course used to calculate (surface, base, or leveling course)
 - Joint deduction Applicable Not applicable
- QA Laboratory Data
 - Air Voids
 - Mat Density
 - Joint Density
 - Thickness
 - Stability
 - Flow
- QC Laboratory Data
 - VMA (Calculated using QA BSG) – 1/Sublot
 - Asphalt Content – 2/Lot
 - Gradation – 2/Lot
 - Control Charts for VMA, Asphalt Content, and Gradation
 - Moisture Content of Aggregate – 1/Lot
 - Moisture Content of HMA – 1/Lot
 - Temperatures
 - Dryer – 4/Lot
 - Asphalt Binder in Storage Tank – 4/Lot
 - HMA at the Plant – 4/Lot
 - HMA at the Job Site – 4/Lot
 - In-Place Density Monitoring

Airfield Paving Checklist
Exhibit S1.2

P-401 Asphalt Mix Pavement Placement
Inspection Checklist – 2 pages

- Truck Random Samples
- Core Random Samples
- Bituminous Concrete Supplemental Daily Report
- Truck Tickets (In order, math checked)
- Final Placement Maps After Construction showing Lot and Sublot Locations

Reviewer: _____

Date: _____

Comments

- 1. _____
- 2. _____
- 3. _____

Airfield Paving Checklist
Exhibit S1.2

P-401 Asphalt Mix Pavement Product
Inspection Checklist

Project: _____ Location: _____

CHECKLIST

- Checklist Completed, Signed and Dated
- Comments Completed
- Products/Submittals Meet Requirements of FAA Spec Item 401-2.1 to 2.4
 - Aggregates Meet Requirements of FAA Spec Item 401-2.1
 - Mineral Filler Meets Requirements of FAA Spec Item 401-2.2
 - Asphalt Binder Meets Requirements of FAA Spec Item 401-2.3
 - Anti-stripping Agent Meets Requirements of FAA Spec Item 401-2.4
- Asphalt Mix Meets Requirements of FAA Spec Item 401-3.1
- Job Mix Formula (JMF) Laboratory Accreditation
- JMF Meets Requirements of FAA Spec Item 401-3.3
- No Reclaimed Asphalt Pavement in JMF

Reviewer: _____
Date: _____

Comments

1. _____
2. _____
3. _____

Airfield Paving Checklist
Exhibit S1.2

P-501 Cement Concrete Pavement Placement
Inspection Checklist

Project: _____ Location: _____
Date Placed: _____ Date Tested: _____

CHECKLIST

- Checklist Completed, Signed and Dated
- Comments Completed
- PF Calculations (Signed and Dated)
- Concrete Mix Laboratory Accreditation
- Concrete Mix Proportions Meet Requirements of Spec 501-3.3
- RPR Concrete Mix Submittal Meets Requirements of Spec 501-3.4
- Cementitious Material Mixture Meets Requirements of Spec 501-3.5
- Admixture Quantities Meet Requirements of Spec 501-3.6
- Control Strip Meets Requirements of Spec 501-4.1
- QA Laboratory Data
 - Quality Assurance Testing Laboratory
 - Acceptance Sampling to Meet Requirements of Spec 501-6.5; 501-6.6
- QC Laboratory Data
 - Contractor Quality Control Testing Facilities
 - Fine Aggregate Gradation per Spec 501-5.3a(1) (2x/day)
 - Fine Aggregate Moisture Content per Spec 501-5.3a(2) (min. 2x/week)
 - Fine Aggregate Deleterious Substances per Spec 501-5.3a(3) (min. 1x/30 days)
 - Coarse Aggregate Gradation per Spec 501-5.3b(1) (2x/day)
 - Coarse Aggregate Moisture Content per Spec 501-5.3b(2) (min. 2x/week)
 - Coarse Aggregate Deleterious Substances per Spec 501-5.3b(3) (min. 1x/30 days)
 - Slump per Spec 501-5.3c (per subplot)
 - Air Content per Spec 501-5.3d (per subplot)
 - Unit Weight and Yield per Spec 501-5.3e (per subplot)
 - Temperature Measurement (4x/day)
 - Concrete Vibrator Status Check (2x/day)
 - Transverse/Longitudinal Smoothness Testing (1x/day)
 - Final Placement Maps After Construction show Lot and Sublot Locations
- Final Paving Maps After PCC Placement

Reviewer: _____
Date: _____

Comments
1. _____
2. _____
3. _____

Airfield Paving Checklist
Exhibit S1.2

P-501 Cement Concrete Pavement Product
Inspection Checklist

Project: _____ Location: _____

CHECKLIST

- Checklist Completed, Signed and Dated
- Comments Completed
- Products/Submittals Meet Requirements of FAA Spec Items 501-2.1 to 2.12
 - Aggregates Meet Reactivity Requirements of FAA Spec Item 501-2.1a (90 days before testing submittal for fine and coarse aggregate)
 - Fine Aggregate Meets Requirements of FAA Spec Item 501-2.1b
 - Coarse Aggregate Meets Requirements of FAA Spec Item 501-2.1c
 - Combined Aggregate Gradation Meets Requirements of FAA Spec Item 501-2.1d
 - Cement Conforms to Requirements of FAA Spec Item 501-2.2
 - Cementitious Materials Meets Requirements of FAA Spec Item 501-2.3
 - Joint Seal Meets Requirements of FAA Spec Item 501-2.4
 - Joint Filler Meets Requirements of FAA Spec Item 501-2.5
 - Steel Reinforcement Meets Requirements of FAA Spec Item 501-2.6
 - Dowel and Tie Bars Meet Requirements of FAA Spec Item 501-2.7
 - Water Used in Mixing Meets FAA Spec Item 501-2.8
 - Curing Materials Meet Requirements of Spec 501-2.9
 - Admixtures Meet Requirements of Spec 501-2.10
 - Epoxy Resin Meets Requirements of Spec 501-2.11

Reviewer: _____
Date: _____

Comments
1. _____
2. _____
3. _____