

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
**STATE HIGHWAY ACCESS CONNECTION
 COMPLETENESS REVIEW**



Additional information is required on the below referenced Connection Application

PART 1: APPLICANT INFORMATION

APPLICATION NUMBER: 2012-A-798-2

PROJECT NAME: Martin Marietta Materials(Crystal Springs Aggregate Transfer Facility), SR 39 (Paul Buchman Hwy),
 14110, MP 0.000

Name of Applicant or authorized agent: Brad McDanal

Name of Organization: Martin Marietta Materials

Mailing Address: 4400 River Green Parkway, Duluth, GA 30096

Engineer, Consultant or Project Manager: Jose De Jesus, Wilson Miller Stantec

Address: 2205 North 20th Street, Tampa FL 33605

PART 2: ADDITIONAL INFORMATION REQUIRED

NOTE: YOU HAVE 60 DAYS FROM THE RECEIPT OF THIS REVIEW TO RETURN THE ADDITIONAL INFORMATION REQUESTED. If the additional information has not been received by the Department within 60 days, the Application shall be acted upon with the information provided in the application. (You can request more than 60 days by completing the Applicant Time Extension Form #850-040-22).

THE FOLLOWING INFORMATION IS REQUIRED:

1. These comments apply to all sheets as needed for plans dated September 28, 2011, Application dated September 29, 2011, Drainage Permit Application dated January 18, 2012 and received January 19, 2012.
2. Comply with FDOT Drainage (pending) and Roadway Design (see attached email from 1-24-12 Mary Sheets comments - disregard duplicate comments).
3. The standard and special conditions in a Notice of Intent to Permit will apply.
4. Confirm and accurately show and coordinate with any future projects or other agencies (FDOT, CSX and Hillsborough County etc).
5. Sheet G-002: Show the attached Brooksville General Notes.
6. Sheet CP-101: For FDOT right of way: Show base (OBG) limerock only (not Crushed Concrete). Show the front slope should be 1v:6h (not 1v:4h). Show accurate pavement sections; "Shoulder Pavement Section" should be 1" (equivalent spread rate and rubber) SP 9.5 structural and 1.5" friction course FC 12.5 (not just FC). Show for widening 2.5" structural SP 9.5 and 1.5" friction course FC 12.5 (Traffic C). Confirm milling/resurfacing depth, and pavement design is compliant with the Pavement Design Manual, previous FDOT plans, and meets design vehicle(?) criteria (heavy, frequent and type of trucks?)? Show shoulder built to a roadway structural section.

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7. Sheet CP-201 (CP202-203 no comment): Explain the southeast corner being built off the right of way?
8. Sheet CP-210: Explain the compound radius (400' and 520') and evaluate if it would it be better to construct a simple taper for wheel tracking instead of radii?
9. Sheet 220: Same as previous sheets (turning radii and taper etc).
10. Sheet CP-301 (CP 302-304 no comment): Show 1v:6h front slopes and 1v:4h back slopes. Reconcile the slope labels (formatted correctly 1:4 (not 4:1) on Sheet CP-101).
11. Sheet CP 230-232: Show silt fence in the FDOT right of way downslope and across FDOT ditch as needed.
12. Sheet CP-401: Explain the Sheet 1-4 exhibit of the truck turning "off tracking" and remediation so the wheels do not encroach into the opposing traffic lanes and adequate shoulder section? Sheet CP-221 turning radii should be 75' (Design Vehicle?), and confirm shoulder pavement section?
13. Sheet 401 (402-403 no comment): Confirm the stop bar for County Line Road is not farther than 24' from SR 39? The stop bar and striping etc should not be moved further back to accommodate truck turning radius.
14. Submit written responses with corrected plans. This review is deemed accurate and reliable but is not intended to be inclusive of engineer/applicant compliance with all basic Plans Preparation Manual (PPM) and Design Standards (DS) etc. This review does not prevent the FDOT from issuing more comments as needed.

PART 3: RESPONSE ADDRESS

IF YOU HAVE ANY QUESTIONS CONCERNING THIS REVIEW PLEASE CONTACT:

SENT BY: JoEllyn Guthrie
PRINT OR TYPE

ADDRESS: 16411 Spring Hill Drive

Brooksville, FL 34604

TITLE: Operations Engineer

PHONE: 352-797-5700

SIGNATURE: 
FDOT STAFF

DATE: 2/1/2012

BROOKSVILLE MAINTENANCE FOOT GENERAL NOTES

NOTICE OF INTENT TO ISSUE PERMIT
FOOT GENERAL NOTES ATTACHMENT
BROOKSVILLE FORMS
REV. 01/07

ALL WORK PERFORMED IN THE DEPARTMENT'S RIGHT OF WAY SHALL BE DONE IN ACCORDANCE WITH THE MOST CURRENT EDITIONS OF:

- A) F.D.O.T. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
 - B) F.D.O.T. DESIGN STANDARDS FOR DESIGN, CONSTRUCTION, MAINTENANCE AND UTILITY OPERATIONS ON THE STATE HIGHWAY SYSTEM.
 - C) F.D.O.T. ROADWAY PLANS PREPARATION MANUAL VOLUME 1, CHAPTER 2 AND/OR 25.
 - D) F.D.O.T. FLEXIBLE PAVEMENT DESIGN MANUAL FOR NEW CONSTRUCTION AND PAVEMENT REHABILITATION.
- 1) ALL AREAS IN THE FOOT RIGHT OF WAY DISTURBED DURING CONSTRUCTION SHALL BE RESTORED, COMPACTED, SODDED AND WATERED IN CONFORMANCE WITH THE FOOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, SECTION 575 AND 981 AND DESIGN STANDARDS INDEX 105.
 - 2) DAYTIME WORK ONLY. THE F.D.O.T. ENGINEER MUST APPROVE NIGHT WORK AND LANE CLOSURES AT LEAST 48 HOURS IN ADVANCE. THE APPLICANT MUST NOTIFY THE FLORIDA DEPARTMENT OF TRANSPORTATION LOCAL MAINTENANCE OFFICE 48 HOURS IN ADVANCE OF STARTING ANY PROPOSED WORK. CALL: BROOKSVILLE MAINTENANCE, JOHN KILKENNY @ 352 797-5700.
 - 3) ALL TRAFFIC STRIPES AND PAVEMENT MARKINGS ARE TO BE LEAD-FREE, NON-SOLVENT BASED THERMOPLASTIC. THE PERMITTEE SHALL FURNISH THE DEPARTMENT WITH THE MANUFACTURER'S CERTIFICATION THAT THE THERMOPLASTIC IS LEAD FREE. REMOVAL OF EXISTING STRIPING SHALL BE DONE BY MILLING AND RESURFACING OF THE FRICTION/SURFACE COURSE TO OBLITERATE OBSOLETE PAVEMENT MARKINGS.
 - 4) ALL PROPOSED TRAFFIC SIGNS AND PAVEMENT MARKINGS SHALL BE IN CONFORMANCE WITH AND CONSTRUCTED TO THE FOOT DESIGN STANDARDS INDEX SERIES 11000 AND 17000 SERIES. THE PROPERTY OWNER MUST MAINTAIN THE TRAFFIC SIGNS AND MARKINGS FOR THE DRIVEWAY.
 - 5) THE FOOT REQUIRES DOCUMENTATION FOR SUCCESSFUL COMPLETION OF AN APPROVED WORK ZONE TRAFFIC CONTROL TRAINING COURSE FOR THE AGENCY, UTILITY OR CONTRACTOR EMPLOYEE(S). INSTALLING AND/OR MAINTAINING THE APPROVED MAINTENANCE OF TRAFFIC PLAN, DOCUMENTATION IS TO BE FURNISHED TO THE DEPARTMENT AT THE PRE-CONSTRUCTION MEETING OR BEFORE OCCUPYING STATE RIGHT-OF-WAY.
 - 6) MAINTENANCE OF TRAFFIC PLAN FOR WORK ZONES SHALL BE IN CONFORMANCE WITH ALL APPLICABLE INDICES OF THE FOOT DESIGN STANDARDS INDEX 600 SERIES ACCORDING TO THE TYPE OF ROADWAY AND TYPE OF WORK BEING PERFORMED.
 - 7) SILT FENCE FOR EROSION CONTROL IN CONFORMANCE WITH DESIGN STANDARDS INDEX (DSI) 102 IS REQUIRED FOR ALL AREAS OF CONSTRUCTION WITHIN FOOT R/W; PERPENDICULAR TO AND PARALLEL WITH THE STATE ROAD.
 - 8) **SIDEWALK SHALL BE CONSTRUCTED PER FOOT INDEX 304 AND 310. DETECTABLE WARNING STRIPS, A.K.A. TRUNCATED DOMES, FOR DISTRICT SEVEN CONSTRUCTION AND MAINTENANCE SHOULD BE EITHER INSET CERAMIC TILES OR THERMOPLASTIC DETECTABLE WARNING STRIPS. THESE WARNING SURFACES SHALL ONLY BE PROVIDED BY THE FOLLOWING VENDORS/MANUFACTURERS:
 - A) INCLINE TRUNCATED DOME EZ TILE SUPPLIED BY PROFESSIONAL PAVEMENT PRODUCTS
 - B) TOPMARK SUPPLIED BY FLINT TRADING
 - C) VANGUARD TRUNCATED DOME SUPPLIED BY VANGUARD
 - 9) **MAINTENANCE OF TRAFFIC PLAN MUST INCLUDE FOOT DESIGN STANDARDS INDEX 660 PEDESTRIAN CONTROL FOR CLOSURE OF SIDEWALKS.

**FOR FACILITIES WITH PUBLIC SIDEWALK WITHIN
FOOT RIGHT OF WAY, INCLUDE NOTES 8 AND 9

DATE, REV. JANUARY 2007