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John R. Cooper
TRANSPORTATION DIRECTOR

November 16, 2018

Construction Information Memorandum No. 10 - 2018

TO: Region Engineers

ATTN: Area Operations, Construction, and Local Transportation Engineers

FROM: Winston J. Powe, P.E. 
State Construction Engineer

RE: Location of Approach Guardrail End Anchors

On September 27, 2018, the Design Bureau issued a memorandum directing that a project note be included in all plan assemblies requiring the Contractor to provide a Lat/Long for all installed approach guardrail end anchors. That directive has been rescinded by the attached November 9, 2018 memorandum from the Design Bureau.

On projects let-to-contract by ALDOT (including Local Transportation projects for cities and counties), this same information will now be collected by project personnel using an iPad or iPhone for any new or reset approach guardrail end anchor.

To determine Lat/Long on an iPad/iPhone:

1. Go to the App Store and download the free app "GPS Data – Coordinates and Speed".
2. Once at the start of an end anchor, open the App, and it will tell you the Lat/Long under the Location field.
3. The Location field swaps from degrees-minutes-seconds to degrees-decimals by simply touching the screen.
4. To aide with collecting and recording the data, users have the option to send their Location via email using the Share button in the upper right-hand corner.

The attached form shows the information to be recorded at each site. Once completed, this form will be emailed to the Survey and Mapping Administrator in the Maintenance Bureau (Mr. John Russell) and the Traffic and Safety Operations Engineer in the Design Bureau (Mr. John-Michael Walker) while copying the Road Construction Engineer in the Construction Bureau (Mr. G. Dudley Smith).

The collection and distribution of this information is to start immediately.

WJP/JLB/jlb

Attachments

pc: Mr. George Conner, PE Mr. Steve Walker, PE Mr. Stacey Glass, PE
FHWA ARBA AAPA
ALBCA ACIA ACEA
CIM File



INTERDEPARTMENTAL MEMORANDUM

ALABAMA DEPARTMENT OF TRANSPORTATION
1409 Coliseum Boulevard, Montgomery, Alabama 36110

November 9, 2018

TO: Region Engineers
Region Pre-Construction Engineers
State Construction Engineer
State Maintenance Engineer
State Materials and Tests Engineer
Local Transportation Engineer
Innovative Programs Administrator
State Office Engineer
Quality Control Engineer

FROM: Steven E. Walker, P.E. *S. E. Walker*
State Design Engineer

RE: Approach Guardrail End Anchors
RESCISSION -- Project Note Requiring Latitude & Longitude Information

My September 27, 2018, memo (copy attached) directing that a project note be added for the contractor to provide Approach Guardrail End Anchor locations is **Rescinded**. The Department has decided to collect that information through its project inspection staff. A Construction Information Memorandum, CIM, will be forthcoming from the Construction Bureau.

We regret any confusion this change in course has created.

attachment

SEW:DJW

c: Design Bureau Sections
FHWA
Guardrail File



INTERDEPARTMENTAL MEMORANDUM

ALABAMA DEPARTMENT OF TRANSPORTATION
1409 Coliseum Boulevard, Montgomery, Alabama 36110

September 27, 2018

TO: Region Engineers
Region Pre-Construction Engineers
State Construction Engineer
State Maintenance Engineer
State Materials and Tests Engineer
Local Transportation Engineer
Innovative Programs Administrator
State Office Engineer
Quality Control Engineer

Rescinded by Design Bureau's
Nov. 9, 2018 memorandum

FROM: Steven E. Walker, P.E. *S.E. Walker*
State Design Engineer

RE: Approach Guardrail End Anchors
Project Note Requiring Latitude & Longitude Information

Please include the following Project Note on all plan assemblies where Approach Guardrail End Anchors and Guardrail End Anchor Reset pay items are included:

The contractor shall provide to the Engineer Lat/Long (to the accuracy of degrees to 7 decimal places, e.g. 12.3456789) of all approach guardrail end anchor installations with the manufacturer's name and model. This is for inclusion of the end anchors in a GIS so that the Department can track crash performance and perform in-service evaluations of each manufacturer type.

Please note that the format is straight decimal only and is intended to be accurate to < 2 meter horizontally.

The project Engineer will forward the information provided through the Construction Bureau to the following offices:

- Surveying and Mapping Administrator in the Maintenance Bureau
- Traffic and Safety Operations Engineer in the Design Bureau.

This note will be required starting with the January 2019 letting.

SEW:DJW

c: Design Bureau Sections
FHWA
Guardrail File

