



SURVEY REQUEST

Project name: Central Region ALP Updates 2014	
From: (Section, Design Group) Aviation Design	Date Submitted: Updated 9/25/2015
Request initiated by: Aaron Hughes	Phone: 269-0523
State/Federal/AIP Project #: 3-02-0000-020-2014	
Desired Completion Date: Fall 2015	Activity Code: 011P Phase: TC2000
Project Scope & Survey Limits: (include exhibits as attachments)	Program Code: Z588260000

(Please contact Right of Way Engineering prior to filling this out, as their requirements may directly affect the survey effort required. Include their response)

For each area the following information is needed: Alignment data or physical location of line (exist CL, top bluff, etc.); Desired contour interval; Distance or physical limits left and/or right from line desired. Please provide an attachment for each alignment.

Scope of overall project:

This project will verify and asbuilt significant objects and edges of embankments located on Clarks Point Airport to facilitate the update of the Airport Layout Plan

Scope of survey work requested:

- Locate and establish geodetic control for existing airport primary survey control monuments as required in AC 150/5300-16A, Locate and tie secondary monuments and witnesses to the primary survey control via a Low Distortion Projection
- Tie CL stationing and monumentation from Proj. No. 55598 (As-built 4/2006)
- Locate all above ground objects (> 3 in) within the ROW.
- Locate the top and toe of all embankments within the ROW.
- Where applicable, locate tree lines within the ROW and report the highest tree within the group.
- Perform 2,000 ft wide cross sections at 500 ft intervals within the first 3,000 ft of the RW 36 approach (S end) and note any high terrain points within the area.
- Note any objects that have Obstacle Clearance Lights
- Acquire the above survey data in the manner prescribed by AC 150/5300-18C (location of survey point, accuracy and resolution requirements, layer names, etc.).
- Acquire and determine selected items from attached AC 150/5300-18C Table 2-1.
- Report the horizontal location, ground and top elevation of objects as points and lines in an AutoCAD drawing
- Report the thresholds and midpoint of the runway geodetic locations and the mean geodetic bearing of the runway
- Report the record geodetic locations of the runway thresholds and midpoint in the same AutoCAD drawing as the field collected data.
- Aviation Design POC Phil Cheasebro 269-0615.

Locate: (Fill empty slots if desired & Check all that apply)

Improvements		Drainage		Utilities		Right of way/Monuments		Other	
Edge Pvmnt., Curbs, etc.		Culverts		Above Ground	X	Front Corners Only		Nav aids: Airport Beacon, PAPI pads, REILS pads, Windcones,	X
Structures	X	Ditches		O'head X-ings		Front & Back Corners		Threshold Markers	X
Sewer/Septic System		Storm Drain		Inverts		Monuments in Roadway		Thresholds	X
Bridge Site Survey						Encroachments		Trail centerlines at the runway approach centerline and edges	X
Corners of runway and apron embankments	X					Airport and Runway monuments	X		

Vertical Control

Are there any elevation-critical features needing to be located?

☒ Yes ☐ No

If Yes, which datum are these features to be referenced to? MSL

Completed by _____ Date Completed _____

Notes: _____

ADA Ramps

Is work anticipated to be done on any ADA Curb Ramps?

☐ Yes☒ No**Monuments in the road**

Are there survey monuments in the roadway (from as-builts)?

☐ Yes☒ No**Construction Schedule**

When is construction anticipated to occur?

(This section for Survey Section use)

Survey Assigned to: R&M Consultants, Inc.Estimated Completion Date: 12/31/15**Project History:**

This project advertised in 2004 and was completed in 2006. DOT completed a closeout survey in 2007 but never created a SCD Record of Survey or APP for this survey. **See Exhibit A.**

Hz/Vert Control:

Temporary horizontal and vertical control (150/5300-16A) will be based upon control (pt #'s 701, 702, 703) set by DOT in 2007. Please level between the temporary control. See Fieldbook (**Exhibit F**) and attached DOT project drawing.

ROW/Monument Ties:

The boundary of the new airport was set in 2007 by DOT. DOT never created a new SCD/ROS or APP for this survey. R&M is tasked with tying this monumentation to the temporary control to create a new APP. **See Exhibit E.**

TIN/Topo:

No TIN will be required for this survey. The Survey Request and **Exhibit C** (150/5300-18C, table 2-1) are the basis for topographic surveys. This information will be used to update the ALP **Exhibit B.**

Other:

1. USKH 2004-2 SCD Bristol Bay Recording District. **See Exhibit D.**
2. Clarks Point ALP 2004. **See Exhibit B**

Completed by _____ Date Completed _____
Notes: _____