



January 6, 2012

Mr. Paul Andres  
Beaufort County, SC  
Hilton Head Airport  
PO Box 23739  
Hilton Head Island, SC 29925

**RE: Beaufort County Airports, South Carolina  
CA/CEI Services for RSA Drainage Improvements Project  
FAA AIP No. 3-45-0008-011-2009 (HXD)  
WKD Project No. 20090229.00.CA**

Dear Mr. Andres:

Construction of Phase One for the referenced project was performed during the first week of October, 2011. During this construction it was discovered that an existing inlet is smaller than the 48" pipe being received. This is not standard practice and may not have been accounted for in the designer's hydraulic analysis for this project. Additionally, the angle between the entering and exiting pipe is not ideal to provide flow for water traveling through the inlet. For these reasons I recommend this existing inlet be replaced with an inlet sized large enough to accept 48" pipe. Attached are photos and a copy of plan Sheet 6 showing this inlet.

Per your request we have also enclosed our opinion of probable costs to replace the inlet. Please contact me if we may be of further assistance in this matter.

Sincerely,

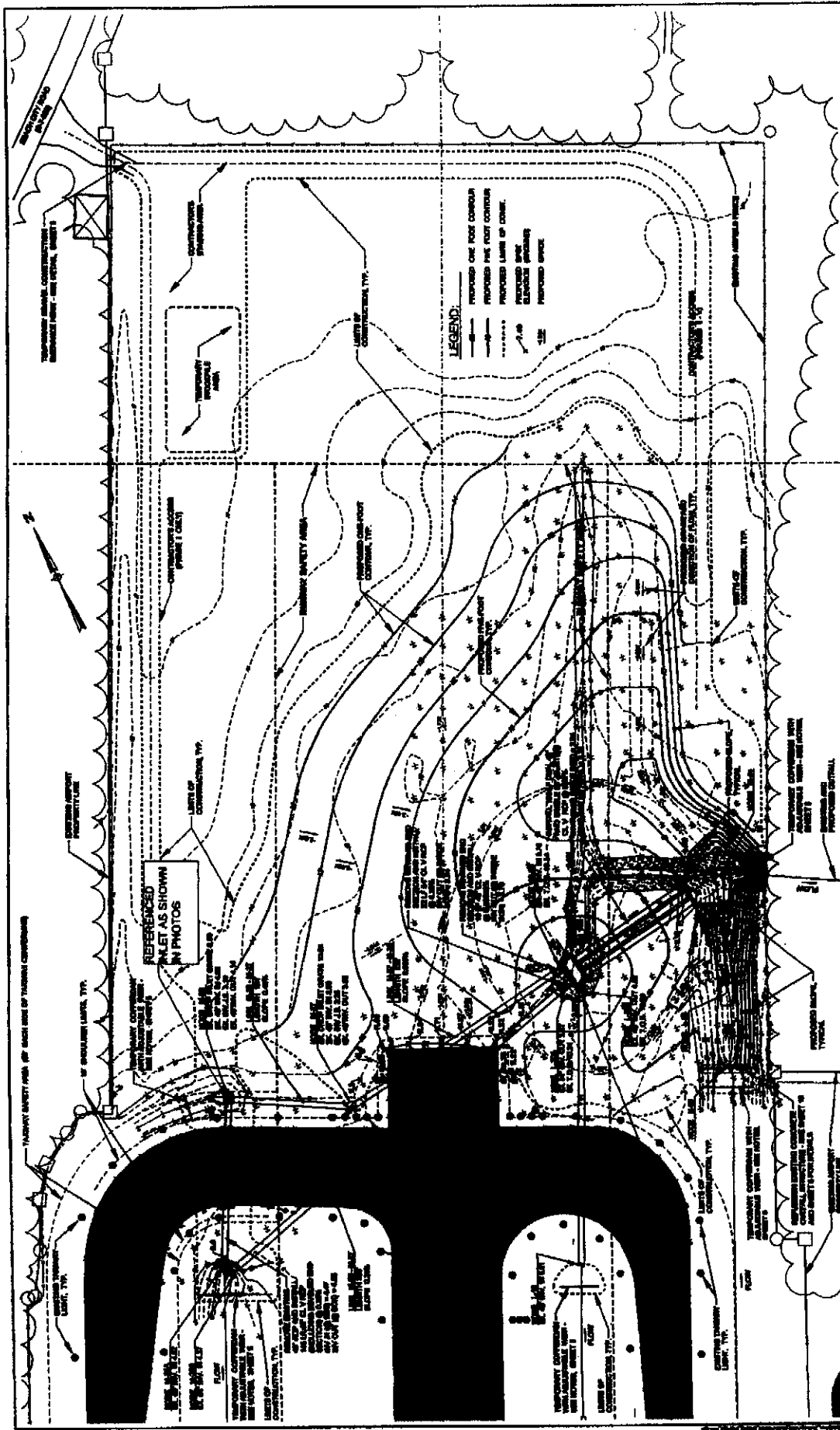
**W.K. Dickson & Co., Inc.**

A handwritten signature in black ink that reads 'Riley K. Eason'.

Riley K. Eason, PE  
Project Manager

RKE/mkb

Enclosures



PLANNED BY WILSON SMITH ENGINEERS 101 N. 1st St. Raleigh, N.C. 27601 TEL: 336-778-1111 FAX: 336-778-1112	RESAULT COUNTY HILTON HEAD PARKWAY (PHD) HILTON HEAD ISLAND, SC	GRADING AND DRAINAGE PLAN FAA A.P. 3-48-0000-000-0000
	SHEET NO. 6 OF 13	DATE: 05-15-18 DRAWN BY: JCB CHECKED BY: JCB SCALE: AS SHOWN PROJECT NO.: 1807





**Engineer's Opinion of Probable Costs for FAA AIP No. 3-45-0030-029-2009**

<b>Client:</b>	Beaufort County, South Carolina
<b>Airport Name:</b>	Hilton Head Airport (HXD)
<b>Project Name:</b>	RSA Drainage Improvements
<b>Prepared By:</b>	Riley K. Eason
<b>WKD No.:</b>	20090229.00.CA

Item Number	Description	Quantity	Unit	Unit Price	Extended Total
New	Drop Inlet Catch Basin	1	EA	12,000.00	12,000.00
New	Associated Grading	1	LS	2,000.00	2,000.00
6	Silt Fence	300	LF	1.50	450.00
9	Seeding (Temporary)	0.25	AC	695.00	173.75
16	48" Reinforced Concrete Pipe, Class 5	48	LF	185.89	8,922.72
29	Seeding (Permanent)	0.25	AC	978.00	244.50
				<b>Total</b>	<b>24,000.00</b>

**NOTE:** It was discovered during construction of Phase 1, that the existing drop inlet was 48" wide to receive the proposed 48" pipe. The pipe was cut to fit and grouted due to time constraint with Taxiway being closed. This change order is to replace the existing drop inlet (Node M-26) and associated pipe.



Project	Difference	Federal			State	Local	Grant Total
		Discretionary	Entitlement	Total			
Remove Obstructions			\$ 97,391.00	\$ 97,391.00	\$ 2,562.84	\$ 102,516.84	
Runway 03 Approach Tree Removal Design Phase I						\$ 42,873.00	
Runway 03 Approach Tree Removal Design Phase II						\$ 135,926.00	
Total Design						\$ 178,799.00	
	<b>Difference</b>					<b>\$ (76,282.16)</b>	
Grant Total							
Actual Expenditures			\$ 1,787,963.00	\$ 2,474,766.00	\$ 65,126.84	\$ 2,605,016.84	
	<b>Difference</b>					<b>\$ (163,813.91)</b>	
FAA Share						-6.29%	
						<b>\$ (155,623.21)</b>	