

**MICHIGAN AIRPORT DEVELOPMENT
PROGRAM PACKAGE
MDOT Airports Division**

**Airport Capital Improvement Plan
2012-2017**

Prepared for:

**Ontonagon County Airport - Schuster Field
Ontonagon, Michigan**

**July 2011
Final December 2011**

Contact:

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Prepared by:

Mead&Hunt

ENGINEERING COST ESTIMATE

PROJECT: Runway 17 Approach Clearing
 LOCATION: Ontonagon County Airport
 CITY: Ontonagon, Michigan
 DATE: 7/13/2011
 PREPARED BY: RAL

FINAL DESIGN
 PROJECT PROGRAMMING
 FEASIBILITY STUDY
 STATE PLANNING
 BASED ON FY 2011 DOLLARS

WORK DESCRIPTION: Runway 17-35 clearing

ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	ITEM COST
Mobilization and General Conditions	LS	1	\$ 10,000.00	\$ 10,000
Clearing along Runway (No Chemical Treatment)	AC	52	\$ 500.00	\$ 26,000
Clearing in Runway 17 Approach (No Chemical Treatment)	AC	40	\$ 500.00	\$ 20,000
CONSTRUCTION TOTAL =				\$ 46,000
CONSTRUCTION CONTINGINCIES (15%) =				\$ 6,900
				\$ 52,900
ENGINEERING DESIGN* =				\$ 15,000
CONSTRUCTION ADMIN =				\$ 12,000
				\$ 79,900
PROJECT YEAR BUDGET ESTIMATE =				\$ 80,000



*Does not include a wetland boundary survey

Note: These costs were developed without the benefit of field surveys or soils investigation, the design cost estimate does not include on site survey.

ENGINEERING COST ESTIMATE

PROJECT: Hangar
 LOCATION: Ontonagon County Airport
 CITY: Ontonagon, MI
 DATE: 12/07/2011
 PREPARED BY: RAL

___ FINAL DESIGN
 ___ PROJECT PROGRAMMING
 ___ FEASIBILITY STUDY
x STATE PLANNING
 BASED ON FY 2011 DOLLARS

WORK DESCRIPTION: Construction of a 60x60 Box Hangar and Related Sitework

ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	ITEM COST
Mobilization and General Conditions	LS	1	\$ 20,000.00	\$ 20,000
Safety & Security	LS	1	\$ 2,500.00	\$ 2,500
Hangar Construction	LS	1	\$ 260,000.00	\$ 260,000
Site Work	LS	1	\$ 40,000.00	\$ 40,000
Utility Allowance	LS	1	\$ 10,000.00	\$ 10,000
CONSTRUCTION TOTAL =				\$ 332,500
CONSTRUCTION CONTINGENCIES (5%) =				\$ 16,625
CONSTRUCTION TOTAL =				\$ 349,125
ENGINEERING DESIGN (10%) =				\$ 34,913
CONSTRUCTION ADMIN (7%) =				\$ 24,439
				\$ 408,476
PROJECT YEAR BUDGET ESTIMATE =				\$ 410,000



Note: These costs were developed without the benefit of field surveys or soils investigation.
 A final cost estimate will be dependent upon development of these items and further design.

ENGINEERING COST ESTIMATE

PROJECT: Pavement Marking
 LOCATION: Ontonagon County Airport
 CITY: Ontonagon, Michigan
 DATE: 7/13/2011
 PREPARED BY: RAL

FINAL DESIGN
 PROJECT PROGRAMMING
 FEASIBILITY STUDY
 STATE PLANNING
 BASED ON FY 2011 DOLLARS

WORK DESCRIPTION: Airfield Pavement Marking

ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	ITEM COST
Pavement Marking	SF	25,000	\$ 0.27	\$ 6,750
(Assumes that the MDOT painting program is utilized)				
CONSTRUCTION TOTAL = \$				6,750
CONSTRUCTION CONTINGINCIES (15%) = \$				1,013
				\$ 7,763
ENGINEERING DESIGN (10%) = \$				-
CONSTRUCTION ADMIN (15%) = \$				-
				\$ 7,763
PROJECT YEAR BUDGET ESTIMATE = \$				10,000



Note: These costs were developed without the benefit of field surveys or soils investigation. A tower may be added depending on existing tree heights, to pick up wind information.

ENGINEERING COST ESTIMATE

PROJECT: AUTOMATED WEATHER OBSERVATION SYSTEM (AWOS)
 LOCATION: Ontonagon County Airport
 CITY: Ontonagon, Michigan
 DATE: 7/9/2011
 PREPARED BY: RAL

FINAL DESIGN
 PROJECT PROGRAMMING
 FEASIBILITY STUDY
 STATE PLANNING
 BASED ON FY 2011 DOLLARS

WORK DESCRIPTION: Install new AWOS (DIGI-WX)

ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	ITEM COST
Furnish and Install AWOS	LS	1	\$ 100,000.00	\$ 100,000
Ceiling Option	LS	1	\$ 30,000.00	\$ 30,000
Clearing	LS	1	\$ 30,000.00	\$ 30,000
CONSTRUCTION TOTAL =				\$ 160,000
CONSTRUCTION TOTAL =				\$ 160,000
ALP Update =				\$ 15,000
CONSTRUCTION ADMIN (MDOT) =				\$ -
				\$ 175,000
PROJECT YEAR BUDGET ESTIMATE =				\$ 175,000



Note: These costs were developed without the benefit of field surveys or soils investigation. A tower may be added depending on existing tree heights, to pick up wind information.

ONTONAGON COUNTY AIRPORT - SCHUSTER FIELD

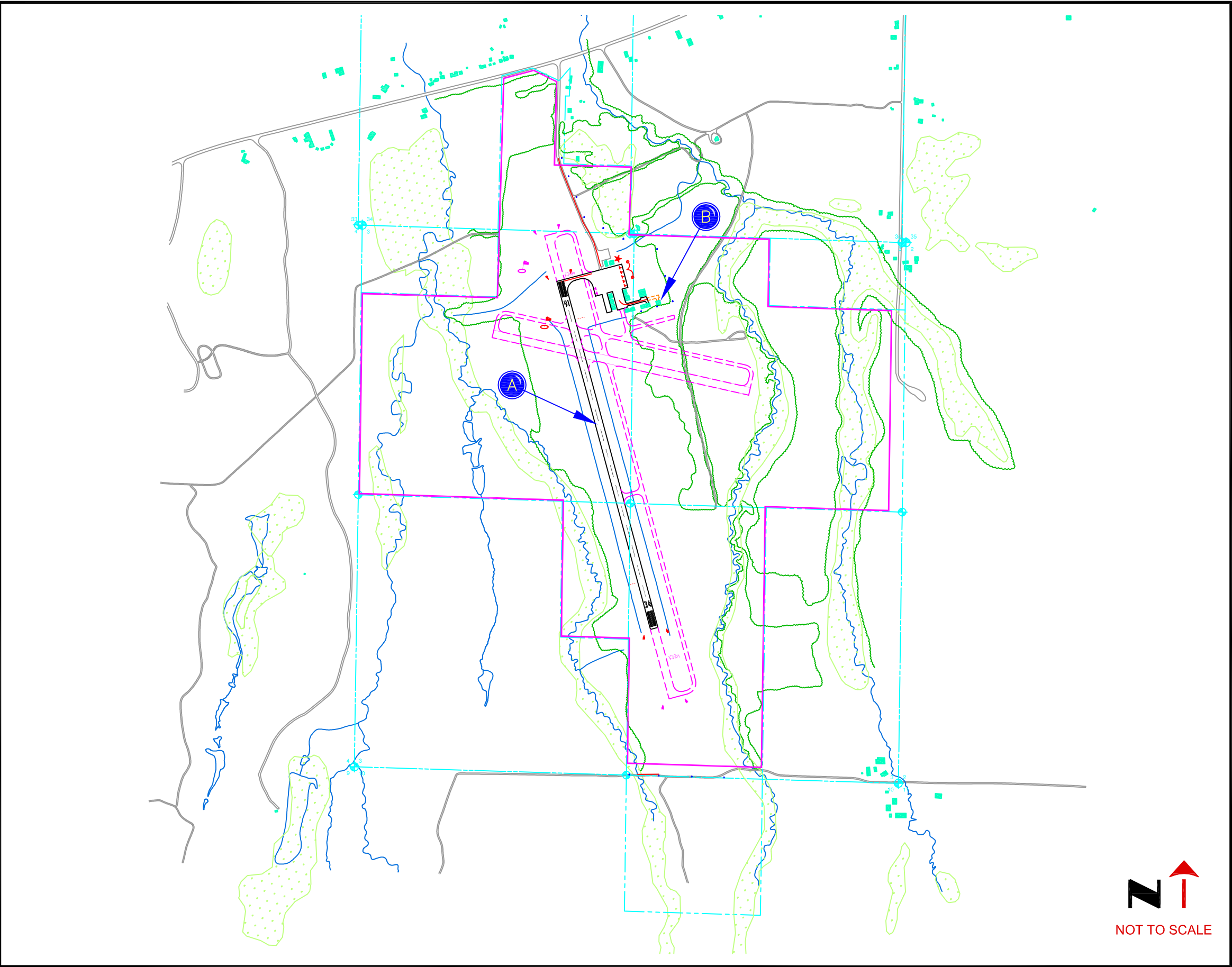
ONTONAGON, MICHIGAN



AIRPORT DEVELOPMENT PLAN - YEARS 2012 TO 2017

FAA IDENTIFIER: OGM
STATE ID: 66-07

<p>YEAR - 2012</p> <ul style="list-style-type: none"> A RUNWAY 17-35 CLEARING FEASIBILITY STUDY/ALP UPDATE A RUNWAY 17-35 CLEARING B DESIGN HANGAR
<p>YEAR - 2013</p> <ul style="list-style-type: none"> B CONSTRUCT HANGAR
<p>YEAR - 2014</p> <p>PAVEMENT MARKING/CRACK SEALING</p>
<p>YEAR - 2015</p> <p>AUTOMATED WEATHER OBSERVATION SYSTEM (AWOS) (LOCATION TBD)</p>
<p>YEAR - 2016</p> <p>PAVEMENT MARKING/CRACK SEALING</p>
<p>YEAR - 2017</p> <ul style="list-style-type: none"> A RUNWAY 17-35 CLEARING



NOT TO SCALE