

City Administrator Report to Mayor & City Council

October 31, 2014, Edition No. 149

WEEKLY UPDATE:

1. Dates to Remember: **October 23rd** is the date for our goal setting session at 5:00PM in the Lower Conference Room. City staff met this past Monday to review goals. Attached is a draft for your review. The City Administrator's annual review is scheduled for **November 13th**. Please return forms by **November 6th**.
2. Mississippi Drive: We had an excellent turn out for our visioning session (39 as last count) with Dan Burden. We look forward to sharing the results. At present, staff is reviewing samples and preparing an RFQ for the project.
3. Fall Festival: The year's festival at the Muscatine Mall this past weekend was a success! Nearly 400 people attended the event and all children went home with crafts and goody bags. We accommodated nearly 100 more people than last year's event. We had 5 different stations: 1. Coloring, 2. Halloween Critter Crafts, 3. Cookie Decorating, 4. Leaf Decorating and 5. Temporary Tattoos. Our sponsors this year were Happy Joe's, Bark Chiropractic, Hy-Vee and Family Credit Union. Pictures from the event were posted on the Parks and Rec Facebook Page.
4. China: (Brief update) We continue to coordinate foster these relationships that may lead to concrete opportunities or projects in the future - as has already happened with the Hotel and Convention Center project. We have been invited to Beijing this December 5th-14th to see examples of their projects. Daniel and Glad plan to return in early 2015 with concrete plans for additional projects in Muscatine.
5. Airport CIP: Please see the two attachments. A brief summary and copy of the email sent to the commission from Adam Thompson - Connector Road: Jayne (Engineer) and I are amending our plan to change how we layout the connector road. We will shrink the size of the proposed area and move hard surface area to allow for a vehicle to drive around the hangers without having to drive between them. Jayne is doing some forward thinking when it comes to future grading around the future t-hangers to insure we are not causing future issues related to the grading and construction of the t-hangar connector road. Runway Reconstruction: 4" crushed aggregate base is the FAA standard for runway construction that is recommended using the FAARFIELD Modeling Software recommended by the FAA. When it comes down to our design recommendations we will more than like recommend a 6" crushed aggregate base. Jayne has the contact information for the lead engineer from McClure Engineering and will be in contact soon to have a detailed and thorough discussion about their project in Davenport to learn from what they found throughout their reconstruction process. Jayne previously found Davenports phasing plan for the project and has reviewed it. Anderson Bogert (A.B.) is working out our phasing plan for our reconstruction project and is working on the preliminary information we need

to begin to justify the need for temporary access to the crosswind runway and what the safety displacement zone will be. CIP "Storm Sewer/Culvert Inlet Protection: This was a point of discussion last year. We have seen continuous and ongoing runoff and sedimentation buildup in our stormwater inlets at the airport. This project will be to install protection to keep the inlets from filling with sedimentation. We will look into natural and infrastructure solutions to protect the stormwater system. CIP "Fuel Facility": Jayne is looking into the cost of self service fueling and amending the CIP to include the possibility of self service fueling. I have asked our Human Resources manager to research the financial burden self service fueling may cause the city, if any. CIP "Joint Sealing Apron": It will need to be done at some point, it may not be in 2019 but it is good to put it on the list to bring attention to it. City Hanger / Former Hon Hanger: I have sent Jayne photos of the issues and she is reviewing and will give recommendations I will review going forward. I have attached our current ALP for everyone to be familiar with. You will see that we have nothing planned as a future use of the property to the northeast of the apron area. This may possibly change in the next ALP update, but it is good information to think about going in to our meeting in January where I will bring a few large maps and plans for use to review. Please let me know if I have missed anything or if you have additional questions. Adam J Thompson, Community Development Coordinator. This will come forward to Council at a future date.

FOR IMMEDIATE RELEASE

Sponsored by

**CONTACT:**

Jodi Hansen
Blue Zones Project Muscatine
319-325-6381
jhansen@muscatine.com

*****MEDIA ADVISORY*******ROUNABOUT TOUR AND PHOTO OPPORTUNITY
WITH NATIONAL WALKABILITY EXPERT**

Muscatine, Iowa — October 27, 2014 — Blue Zones Project® Muscatine invites media to join national walkability expert Dan Burden in a tour of the roundabout under construction at the intersection of Cedar and Logan streets on Thursday, Oct. 30, at 11:30 a.m. This 5.3 million dollar Complete Streets project from Houser Street to E. Fulliam Avenue will connect Muscatine High School, the YMCA and Trinity Hospital to downtown Muscatine. The roundabout is expected to reduce the average accidents annually at this intersection.

Dan Burden is a nationally recognized authority on livable and sustainable communities, healthy streets, traffic calming, and bicycle and pedestrian programs. Over the past 35 years, he's helped more than 3,000 communities become more livable, walkable, and sustainable.

What: Roundabout tour, photo opportunity, and Q&A with Dan Burden, national walkability expert

Where: Meet on Cedar Street, south of construction zone. Wear boots or comfortable shoes. Please park in the YMCA parking lot and walk over.
1823 Logan St. Muscatine, IA 52761

When: Thursday, Oct. 30, 11:30 a.m.

Brought to Iowa through an innovative sponsorship by Wellmark Blue Cross and Blue Shield, in collaboration with Healthways and Blue Zones®, Blue Zones Project is a community-by-community well-being improvement initiative designed to make healthy choices easier through permanent changes to environment, policy and social networks.

For more information about Blue Zones Project, contact the Blue Zones Project at 319-325-6381 or visit www.bluezonesproject.com.

Muscatine is one of 15 Blue Zones Project demonstration sites in Iowa. Muscatine and the other demonstration communities are receiving assistance from experts to develop and implement a Blueprint for making permanent environmental, social and policy changes that transition people into healthier behaviors that can lead to longer, happier lives.

The Blue Zones Project is based on Blue Zones® principles developed by Dan Buettner and is the centerpiece of the Healthiest State Initiative to make Iowa the healthiest state by 2016 as measured by the Gallup-Healthways Well-Being Index®, the first-ever daily assessment of U.S. residents' health and well-being. Blue Zones employs evidence-based ways to help people live longer, better lives by taking a systematic, environmental approach to well-being, which focuses on optimizing policy, social networks and the built environments where people spend their time.

About Wellmark

Wellmark, Inc. (www.wellmark.com) does business as Wellmark Blue Cross and Blue Shield of Iowa. Wellmark and its subsidiaries and affiliated companies, including Wellmark Blue Cross and Blue Shield of South Dakota and Wellmark Health Plan of Iowa, Inc., insure or pay health benefit claims for more than 2

million members in Iowa and South Dakota. Wellmark Blue Cross and Blue Shield of Iowa, Wellmark Blue Cross and Blue Shield of South Dakota, and Wellmark Health Plan of Iowa, Inc. are independent licensees of the Blue Cross and Blue Shield Association.

About Healthways

Healthways (NASDAQ: HWAY) is the largest independent global provider of well-being improvement solutions. Dedicated to creating a healthier world one person at a time, the Company uses the science of behavior change to produce and measure positive change in well-being for our customers, which include employers, integrated health systems, hospitals, physicians, health plans, communities and government entities. We provide highly specific and personalized support for each individual and their team of experts to optimize each participant's health and productivity and to reduce health-related costs. Results are achieved by addressing longitudinal health risks and care needs of everyone in a given population. The Company has scaled its proprietary technology infrastructure and delivery capabilities developed over 30 years and now serves approximately 68 million people on four continents. Learn more at www.healthways.com.

About Blue Zones®

Blue Zones employs evidence-based ways to help people live longer, better. The Company's work is rooted in the *New York Times* best-selling books *The Blue Zones* and *Thrive*—both published by National Geographic books. In 2009, Blue Zones applied the tenets of the books to Albert Lea, MN and successfully raised life expectancy and lowered health care costs for city workers by 40%. Blue Zones takes a systematic, environmental approach to well-being which focuses on optimizing policy, building design, social networks, and the built environment. The Blue Zones Project is based on this innovative approach. For more information, visit www.bluezones.com.

Musser Park – Wiggins Road Trail

Making our Community a Safer Place to Live!

The Musser Park to Wiggins Road Trail Project is a corridor of 9.47 miles comprised of new trail construction and "Share The Road" sections. This trail is important to the City of Muscatine because it completes missing segments of local trails which are part of the Mississippi River Trail (MRT) and also the American Discovery Trail (ADT) both tourism attractions. Once completed the trail will connect Louisa County to Wild Cat Den State park via the County of Muscatine, Fruitland Township and the City of Muscatine, a distance of 22 miles.

The trail begins in the right-of-way at Houser Street near the entrance to Kent-Stein Park and not far from the Muscatine Soccer Complex. The trail will have no impact on park access and will enhance additional recreational opportunities for visitors during soccer and/or ball games. Most of the route follows existing street and highway right-of-way and other City property to minimize needs for permanent easement.

The Musser Park-Wiggins Road Trail has been one of the most important components of Muscatine's Blue Zone effort. It was key in Muscatine's initial application to become a Blue Zone Community, and our commitment to construction helped enable Muscatine to become certified. The completion of the Musser Park-Wiggins Road Trail in 2015 is one of the most anticipated achievements projected in the Blue Zones Blueprint for the coming year.



CITY OF MUSCATINE
Public Works Department
1459 Washington Street
Muscatine, IA 52761
563.263.8933





*Trails in Muscatine
are utilized by many
in our community
on any given day!*



“Good Things are Happening....”

This trail has additional significance because it extends safe bike and pedestrian access to the area south of Dick Drake Way. Currently there is no safe route to bike or walk to the “Island” which is home to more than 2,000 residents of Muscatine and Fruitland as well as numerous major employment centers.

The estimated cost of the Musser Park-Wiggins Road Trail is \$1.3 million. The City of Muscatine has secured a Federal Earmark of \$459,635.60 and an additional \$381,100 of a State Recreational Trail Grant, but total funding is short of expected project costs requiring private and public contributions. Land and easement donations have also contributed to making the Trail a reality. A February 2015 Bid Letting is anticipated. Muscatine’s history of achievements has always been a TEAM effort. With the construction of this trail, we are closer to earning the designation of a **Bicycle Friendly Community**.



CITY OF MUSCATINE
Public Works Department
1459 Washington Street
Muscatine, IA 52761
563.263.8933



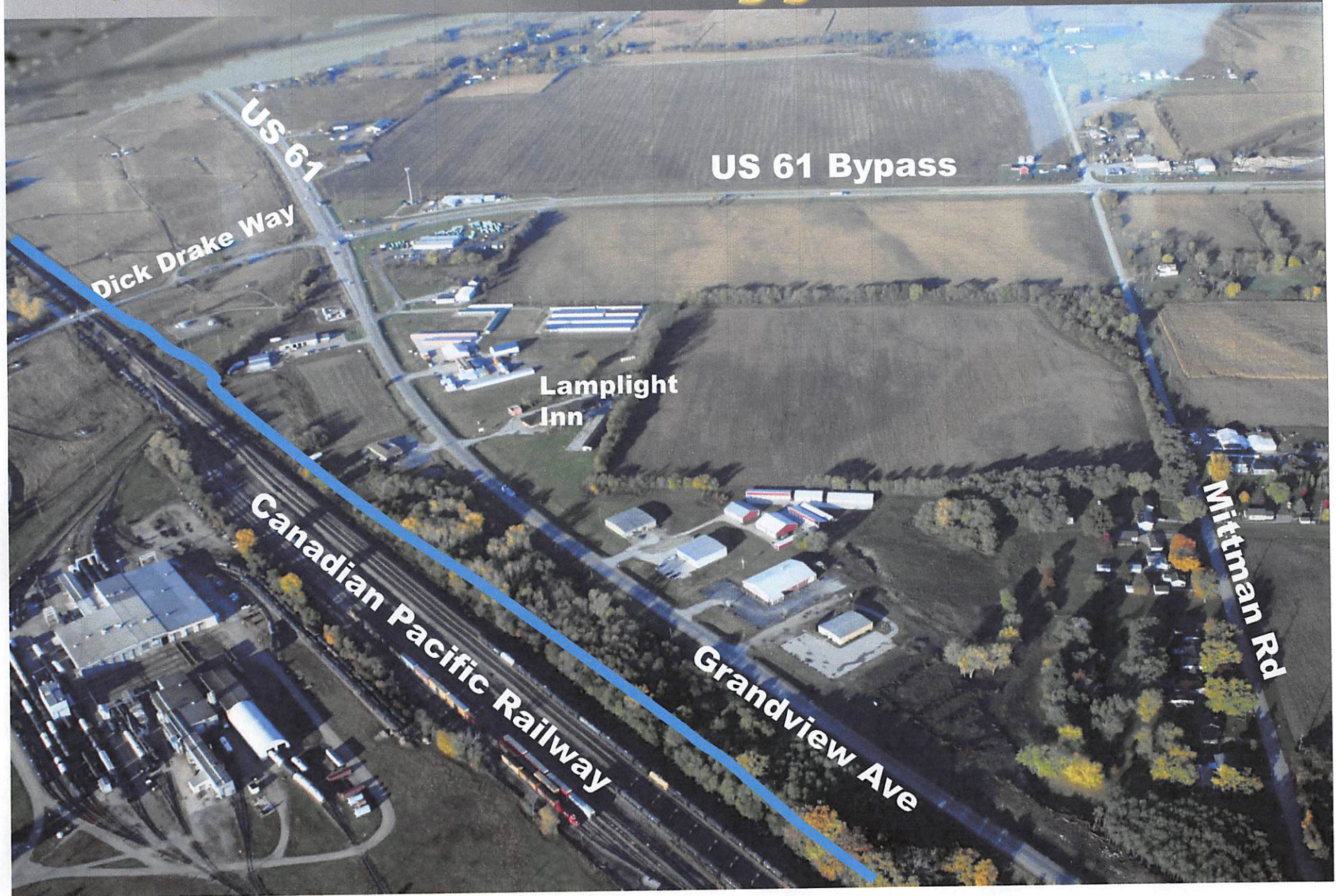
Musser Park to Wiggens Rd Trail



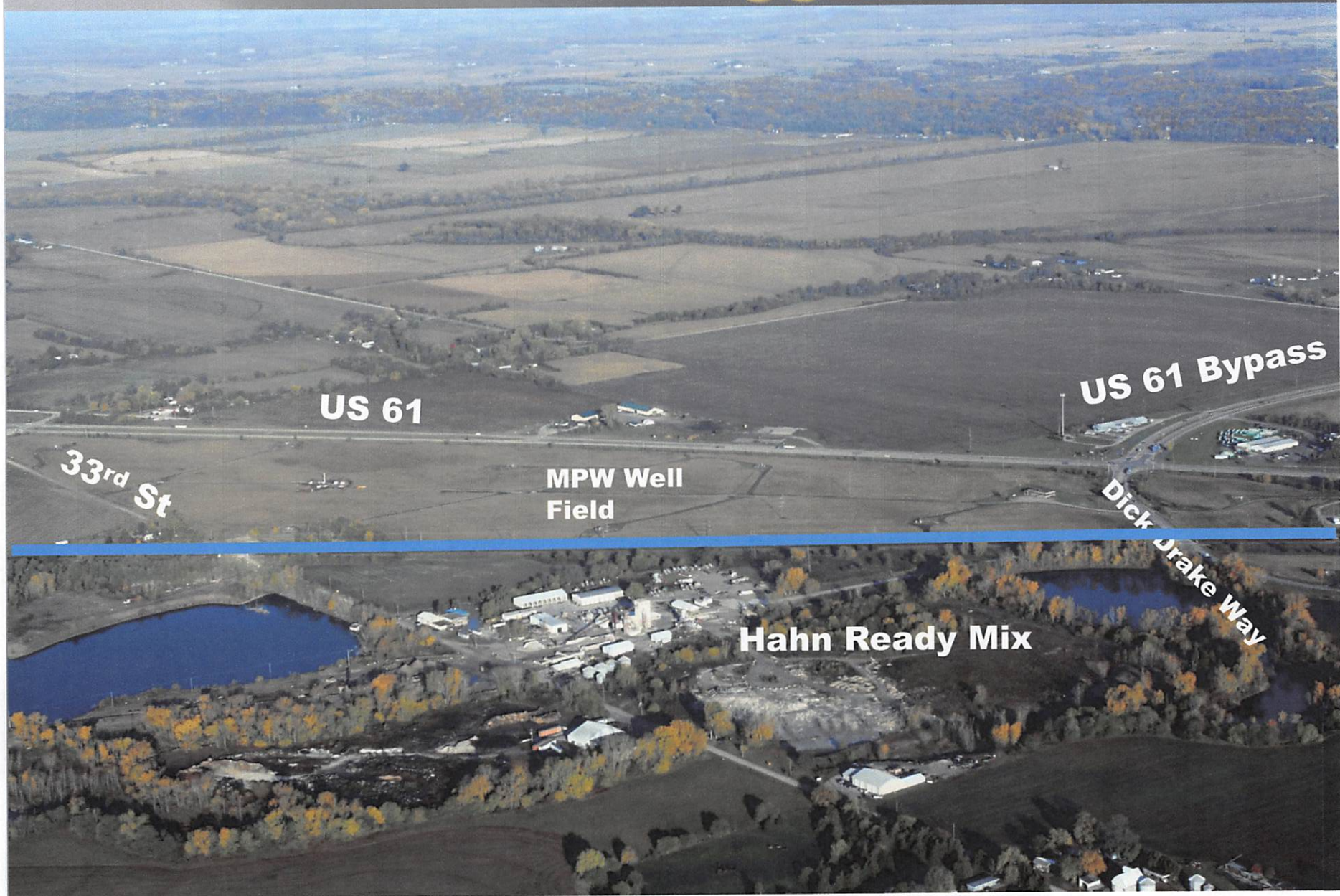
Musser Park to Wiggens Rd Trail



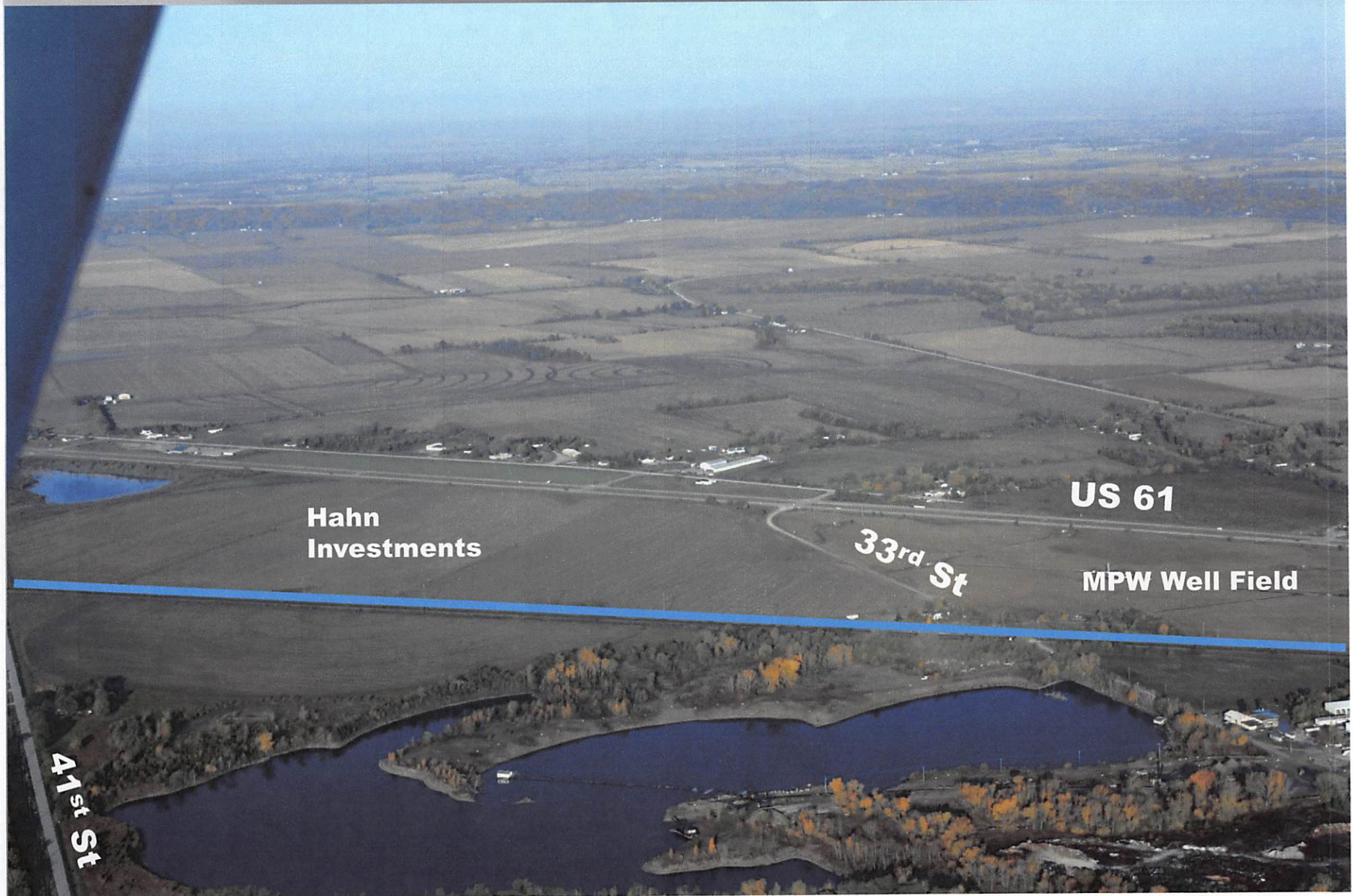
Musser Park to Wiggins Rd Trail



Musser Park to Wiggens Rd Trail



Musser Park to Wiggens Rd Trail



Hahn
Investments

US 61

33rd St

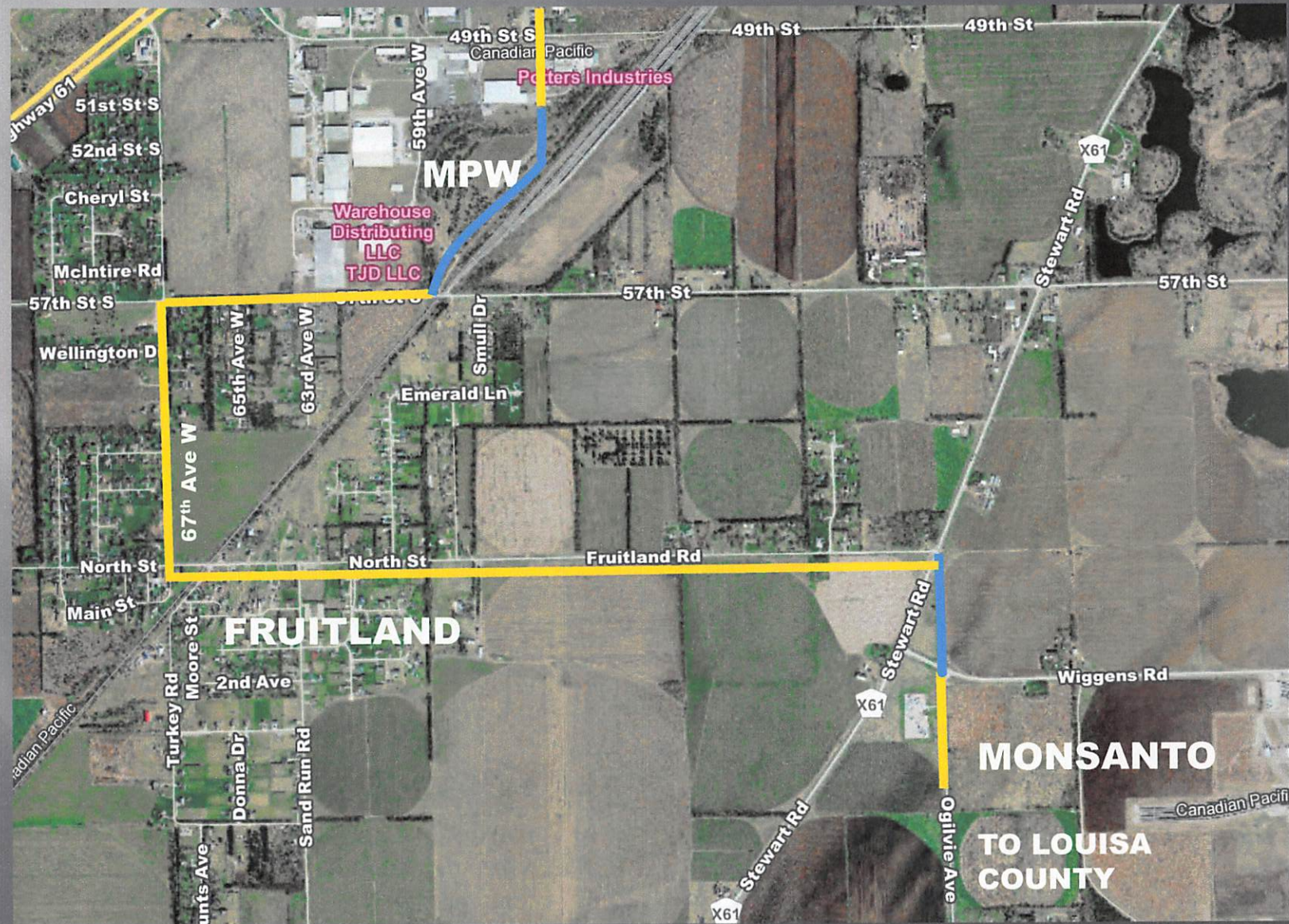
MPW Well Field

41st St

Musser Park to Wiggens Rd Trail



Musser Park to Wiggens Rd Trail



FIVE-YEAR AIRPORT CAPITAL IMPROVEMENT PROGRAM (CIP)

Airport Name: Muscatine Municipal Airport

Telephone: 319.377.4629

Prepared By: Jayne DeCoste, Anderson Bogert

Date Approved: _____

Date Prepared: 10/27/14

Project Description	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Update Master Plan (ALP)	Federal	\$ 148,500	\$	\$	\$	\$
	State	\$ 0	\$	\$	\$	\$
	Local	\$ 16,500	\$	\$	\$	\$
	Total	\$ 165,000	\$	\$	\$	\$
Joint Sealing - Runway 12/30 and Taxiway B	Federal	\$ 0	\$	\$	\$	\$
	State	\$ 162,212	\$	\$	\$	\$
	Local	\$ 28,626	\$	\$	\$	\$
	Total	\$ 190,838	\$	\$	\$	\$
Taxiway A Design & Reconstruction	Federal	\$	\$ 1,910,479	\$	\$	\$
	State	\$	\$ 0	\$	\$	\$
	Local	\$	\$ 212,275	\$	\$	\$
	Total	\$	\$ 2,122,754	\$	\$	\$
Storm Sewer/Culvert Inlet Protection	Federal	\$	\$ 0	\$	\$	\$
	State	\$	\$ 38,250	\$	\$	\$
	Local	\$	\$ 6,750	\$	\$	\$
	Total	\$	\$ 45,000	\$	\$	\$
Runway 12/30 PAPI & REIL Replacement (with FAA takeover of maintenance/ownership)	Federal	\$	\$	\$ 146,700	\$	\$
	State	\$	\$	\$ 0	\$	\$
	Local	\$	\$	\$ 16,300	\$	\$
	Total	\$	\$	\$ 163,000	\$	\$
Upgrade Fuel Facility (with submersible pump) - no self service included	Federal	\$	\$	\$ 0	\$	\$
	State	\$	\$	\$ 157,250	\$	\$
	Local	\$	\$	\$ 27,750	\$	\$
	Total	\$	\$	\$ 185,000	\$	\$

FIVE-YEAR AIRPORT CAPITAL IMPROVEMENT PROGRAM (CIP)

Airport Name: Muscatine Municipal Airport

Telephone: 319.377.4629

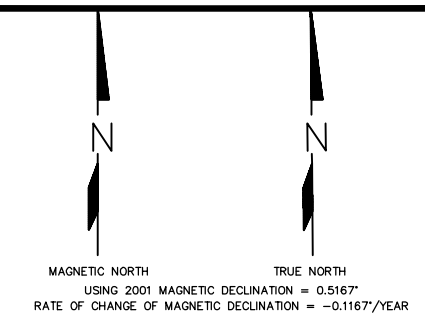
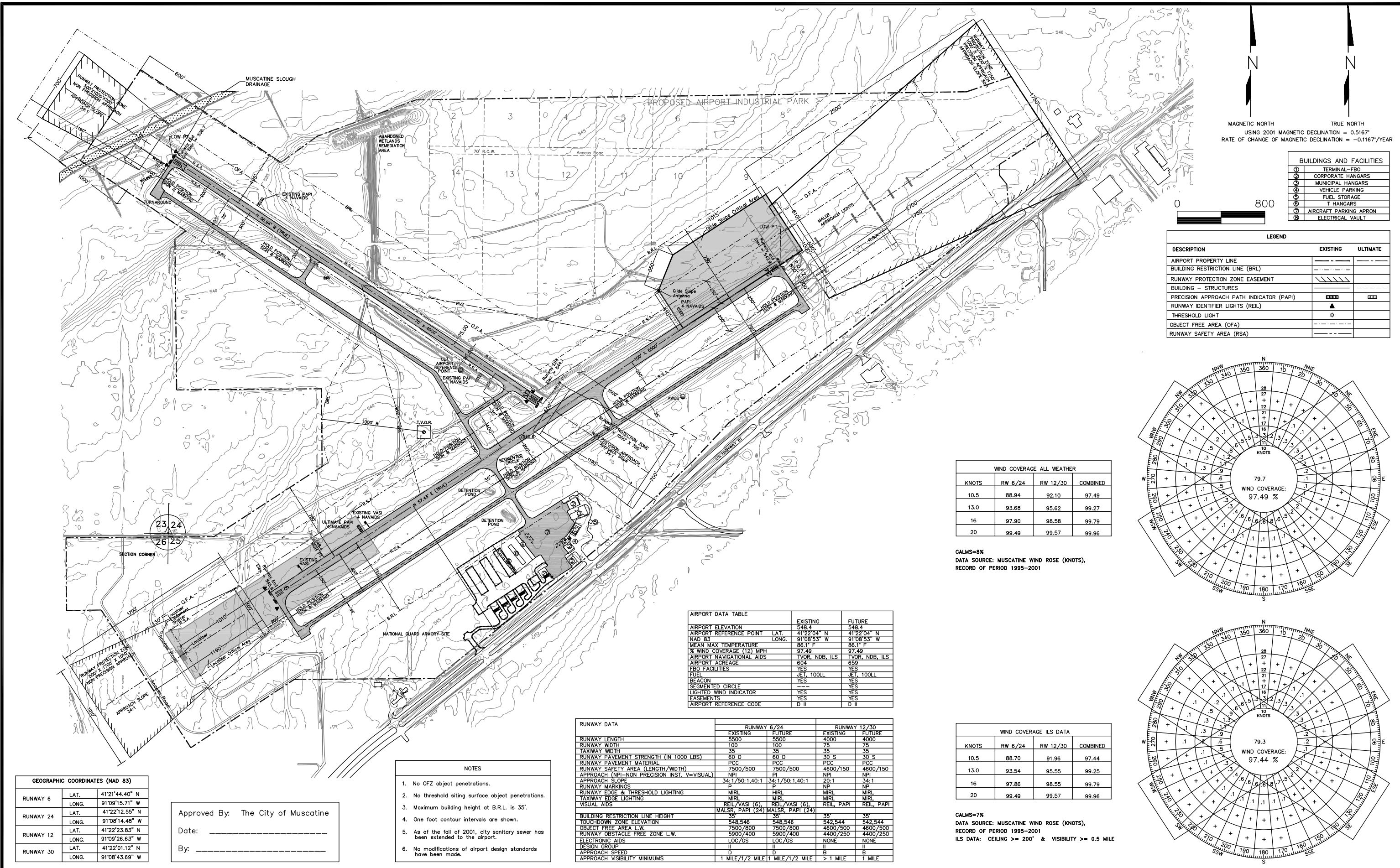
Prepared By: Jayne DeCoste, Anderson Bogert

Date Approved: _____

Date Prepared: 10/27/14

Project Description	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Joint Sealing - Apron (2019 & 2020 - Accrue Federal Funding for future T-hangars)	Federal	\$	\$	\$	\$ 0	\$
	State	\$	\$	\$	\$ 68,000	\$
	Local	\$	\$	\$	\$ 12,000	\$
	Total	\$	\$	\$	\$ 80,000	\$
	Federal	\$	\$	\$	\$	\$
	State	\$	\$	\$	\$	\$
	Local	\$	\$	\$	\$	\$
	Total	\$	\$	\$	\$	\$
	Federal	\$	\$	\$	\$	\$
	State	\$	\$	\$	\$	\$
	Local	\$	\$	\$	\$	\$
	Total	\$	\$	\$	\$	\$
	Federal	\$	\$	\$	\$	\$
	State	\$	\$	\$	\$	\$
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	Total	\$	\$	\$	\$	\$
	Federal	\$	\$	\$	\$	\$
	State	\$	\$	\$	\$	\$
	Local	\$	\$	\$	\$	\$
	Total	\$	\$	\$	\$	\$
	Federal	\$	\$	\$	\$	\$
	State	\$	\$	\$	\$	\$
	Local	\$	\$	\$	\$	\$
	Total	\$	\$	\$	\$	\$

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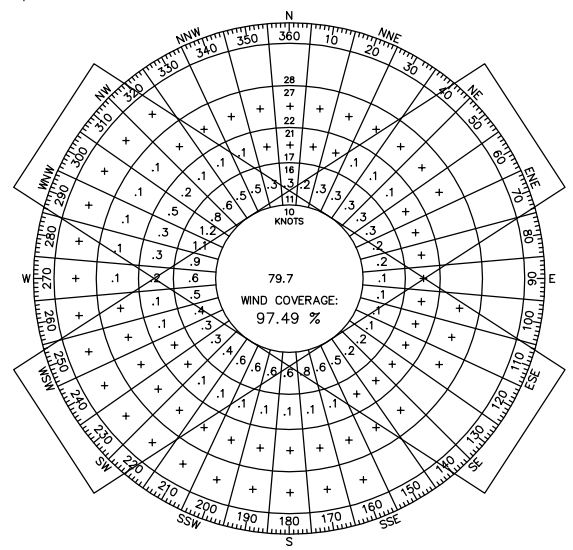


BUILDINGS AND FACILITIES	
1	TERMINAL-FBO
2	CORPORATE HANGARS
3	MUNICIPAL HANGARS
4	VEHICLE PARKING
5	FUEL STORAGE
6	T HANGARS
7	AIRCRAFT PARKING APRON
8	ELECTRICAL VAULT

LEGEND		
DESCRIPTION	EXISTING	ULTIMATE
AIRPORT PROPERTY LINE	---	---
BUILDING RESTRICTION LINE (BRL)	---	---
RUNWAY PROTECTION ZONE EASEMENT	---	---
BUILDING - STRUCTURES	---	---
PRECISION APPROACH PATH INDICATOR (PAPI)	BBB	BBB
RUNWAY IDENTIFIER LIGHTS (REIL)	▲	---
THRESHOLD LIGHT	☆	---
OBJECT FREE AREA (OFA)	---	---
RUNWAY SAFETY AREA (RSA)	---	---

WIND COVERAGE ALL WEATHER			
KNOTS	RW 6/24	RW 12/30	COMBINED
10.5	88.94	92.10	97.49
13.0	93.68	95.62	99.27
16	97.90	98.58	99.79
20	99.49	99.57	99.96

CALMS=8%
DATA SOURCE: MUSCATINE WIND ROSE (KNOTS),
RECORD OF PERIOD 1995-2001

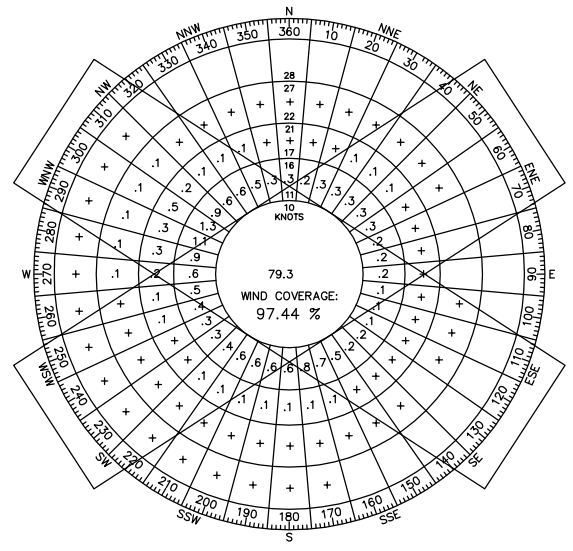


AIRPORT DATA TABLE	
	FUTURE
AIRPORT ELEVATION	548.4
AIRPORT REFERENCE POINT	41°22'04" N 91°08'53" W
NAD 83	91°08'53" W
MEAN MAX TEMPERATURE	86.1° F
1/2 WIND COVERAGE (12) MPH	97.49
AIRPORT NAVIGATIONAL AIDS	TVOR, NDB, ILS
AIRPORT ACREAGE	604
FBO FACILITIES	YES
FUEL	YES
BEACON	YES
SEGMENTED CIRCLE	YES
LIGHTED WIND INDICATOR	YES
EASEMENTS	YES
AIRPORT REFERENCE CODE	D II

RUNWAY DATA	RUNWAY 6/24		RUNWAY 12/30	
	EXISTING	FUTURE	EXISTING	FUTURE
RUNWAY LENGTH	5500	5500	4000	4000
RUNWAY WIDTH	100	100	75	75
TAXIWAY WIDTH	35	35	35	35
RUNWAY PAVEMENT STRENGTH (IN 1000 LBS)	60 D	60 D	30 S	30 S
RUNWAY PAVEMENT MATERIAL	PCC	PCC	PCC	PCC
RUNWAY SAFETY AREA (LENGTH/WIDTH)	7500/500	7500/500	4600/150	4600/150
APPROACH (NPI—NON PRECISION INST. V=VISUAL)	NPI	NPI	NPI	NPI
APPROACH SLOPE	34:1/50:1,40:1	34:1/50:1,40:1	20:1	34:1
RUNWAY MARKINGS	P	P	NP	NP
RUNWAY EDGE & THRESHOLD LIGHTING	MIRL	MIRL	MIRL	MIRL
TAXIWAY EDGE LIGHTING	MIRL	MIRL	MIRL	MIRL
VISUAL AIDS	REIL/VASI (6), MALSR, PAPI (24)	REIL/VASI (6), MALSR, PAPI (24)	REIL, PAPI	REIL, PAPI
BUILDING RESTRICTION LINE HEIGHT	35'	35'	35'	35'
TOUCHDOWN ZONE ELEVATION	548.546	548.546	542.544	542.544
OBJECT FREE AREA L.W.	7500/800	7500/800	4600/500	4600/500
RUNWAY OBSTACLE FREE ZONE L.W.	5900/400	5900/400	4400/250	4400/250
ELECTRONIC AIDS	LOC/GS	LOC/GS	NONE	NONE
DESIGN GROUP	II	II	II	II
APPROACH SPEED	D	D	B	B
APPROACH VISIBILITY MINIMUMS	1 MILE/1/2 MILE	1 MILE/1/2 MILE	> 1 MILE	1 MILE

WIND COVERAGE ILS DATA			
KNOTS	RW 6/24	RW 12/30	COMBINED
10.5	88.70	91.96	97.44
13.0	93.54	95.55	99.25
16	97.86	98.55	99.79
20	99.49	99.57	99.96

CALMS=7%
DATA SOURCE: MUSCATINE WIND ROSE (KNOTS),
RECORD OF PERIOD 1995-2001
ILS DATA: CEILING >= 200' & VISIBILITY >= 0.5 MILE



GEOGRAPHIC COORDINATES (NAD 83)	
RUNWAY 6	LAT. 41°21'44.40" N LONG. 91°09'15.71" W
RUNWAY 24	LAT. 41°22'12.55" N LONG. 91°08'14.48" W
RUNWAY 12	LAT. 41°22'23.83" N LONG. 91°09'26.63" W
RUNWAY 30	LAT. 41°22'01.12" N LONG. 91°08'43.69" W

Approved By: The City of Muscatine
Date: _____
By: _____

- NOTES
- No OFZ object penetrations.
 - No threshold siting surface object penetrations.
 - Maximum building height at B.R.L. is 35'.
 - One foot contour intervals are shown.
 - As of the fall of 2001, city sanitary sewer has been extended to the airport.
 - No modifications of airport design standards have been made.

NO.	REVISION	DESCRIPTION	APPROVED	DATE

Client: City of Muscatine
215 Sycamore
Muscatine, Iowa 52761
Phone: (563) 263-8672

ANDERSON-BOGERT
Engineers & Surveyors, Inc.

Drawn By: CJZ
Date: 11-20-09
Project No. 206174

Approved By: JCD
Scale: See Bar

Muscatine Municipal
Airport Layout Plan

Airport Layout Drawing

SHEET NO.
2
OF
11