THE VILLAGE OF DEXTER
VILLAGE COUNCIL MEETING
Monday, September 13, 2010
**********7:30 pm **********
DEXTER SENIOR CENTER – 7720 ANN ARBOR ST.

A. CALL TO ORDER AND PLEDGE OF ALLEGIANCE

B. ROLL CALL: President Keough

J. Carson	P. Cousins
D. Fisher	J. Semifero
J. Smith	R. Tell

C. APPROVAL OF THE MINUTES

1. Regular Council Meeting – August 23, 2010

Page # 1-10

D. PRE-ARRANGED PARTICIPATION:

Pre-arranged participation will be limited to those who notify the Village office before 5:00 p.m. Tuesday of the week preceding the meeting, stating name, intent and time requirements. ***(10-minute limit per participant)***

E. APPROVAL OF AGENDA:

F. PUBLIC HEARINGS

Action on each public hearing will be taken immediately following the close of the hearing

G. NON-ARRANGED PARTICIPATION:

Non-arranged participation will include those in the audience not listed on the agenda that wish to speak. At the Village President's discretion, members of the audience may be called on to speak at any time. Those addressing the Council will state their name, and address. This section is limited to 5-minutes per participant or 10-minutes for group representatives.

H. COMMUNICATIONS:

1. Upcoming Meeting List
2. Letter from Comcast – August 25, 2010
3. Dexter Arts Center – Request for Information on 7651 Dan Hoey

Page # 11-16

I. REPORTS:

1. Community Development Manager – Allison Bishop
   - Report **Page # 17-28**
   - Enforcement – Incomplete Construction **Page # 29-30**
   - Medical Marihuana Ordinance **Page # 31-84**

2. Board, Commission, & Other Reports- "Bi-annual or as needed"
   - **Arts, Culture & Heritage Committee – Paul Cousins/Courtney Nicholls**
   - Chelsea Area Planning Team / Dexter Area Regional Team
   - Dexter Area Chamber
   - Dexter Area Fire Department
   - Downtown Development Authority Chair
   - Farmers Market Representative
   - **Gordon Hall Mgmt Team Representative – Donna Fisher**
   - Huron River Watershed Council Representative
   - **Library Board Representative – Pat Cousins**
   - Parks & Recreation Commission
   - Planning Commission
   - Tree Board Chair
   - Washtenaw Area Transportation Study Policy/Technical Committee Reps
   - Western Washtenaw Area Value Express Representative

   Page # 85-90

3. Subcommittee Reports
   - Website
   - Downtown Fire Detection
   - Economic Preparedness

4. Village Manager Report **Page # 91-114**

5. President's Report **Page # 115-118**

J. CONSENT AGENDA

Bills & Payroll will be a standing item under consent agenda. Discussion of the Budget and Financial matters will be covered under the Presidents Report as a standing item. Items under consent agenda are considered routine and will be acted upon in one motion. There will be no separate discussion of these items unless a Council Member so requests, and the item will be removed from Consent and added to the regular agenda at the end of New Business.

1. Consideration of: Bills & Payroll in the amount of: $ 702,547.07
Page # 119-126

2. Consideration of: St. Andrew's United Church of Christ request to place five (5) signs in the Village right-of-way from October 7 to October 21
Page # 127-128

3. Consideration of: Dexter Area Historical Society request to allow parking in the right-of-way along Grand Street to conduct cemetery tours on October 2 between 12:30 p.m. and 4:00 p.m.
Page # 129-130

4. Consideration of: Dexter Knights of Columbus request to place five (5) signs in the Village right-of-way from September 20 to October 3
Page # 131-132

5. Consideration of: Village Arts, Culture & Heritage Committee request to place one (1) sign in the right-of-way on September 25, 2010.
Page # 133-134

6. Consideration of: Lion's Club request to place five (5) signs in the right of way from September 28 to October 2
Page # 135-136

7. Consideration of: Request to close Central Street from Main to 5th from 7 a.m. to 6 p.m. on October 2, 2010 for Apple Daze
Page # 137-144

K. OLD BUSINESS- Consideration and Discussion of:

1. Discussion of: Preliminary Facilities – Fire Station Information
Update in Village Manager report

L. NEW BUSINESS- Consideration and Discussion of:

1. Consideration of: Local Governing Body Resolution for Charitable Gaming License for the Athletic Booster Club of Dexter
Page # 145-148

2. Discussion of: Crosswalk Study

Page # 149-180

3. Consideration of: General Code Amendment – Chapter 10, Article I and II

Page # 181-190

4. Consideration of: Fee Schedule Amendment

Page # 191-192

5. Consideration of: Amendment to the Pavement Marking Bid Award

Page # 193-194

6. Consideration of: Purchase of LED retrofit kits

Page # 195-240

M. COUNCIL COMMENTS

N. NON-ARRANGED PARTICIPATION

Same as item F. Those addressing the Council will state their name, and address. This section is limited to 5-minutes per participant or 10-minutes for group representatives.

O. CLOSED SESSION FOR THE PURPOSE OF DISCUSSING LABOR NEGOTIATIONS IN ACCORDANCE WITH MCL 15.268 Sec. 8(c)

P. ADJOURNMENT

Town Hall Meeting Reminder
October 20 – 6:30 p.m. at the Creekside Cafeteria
Topic: AATA Strategic Plan and General Questions & Answers

"This meeting is open to all members of the public under Michigan Open Meetings Act."

www.villageofdexter.org

AGENDA 9-13-10

ITEM C-1

DEXTER VILLAGE COUNCIL
REGULAR MEETING
MONDAY, AUGUST 23, 2010

A. CALL TO ORDER AND PLEDGE OF *ALLEGIANCE*

The meeting was called to order at 7:30 PM by President Keough in the Creekside Intermediate School located at 2615 Baker Road in Dexter, Michigan.

B. ROLL CALL: President Keough

J. Carson	P. Cousins
D. Fisher	J. Semifero
J. Smith	R. Tell

C. APPROVAL OF THE MINUTES

1. Regular Council Meeting – August 9, 2010

Motion Smith; support Carson to approve the minutes of the Regular Council Meeting of August 9, 2010 with the following correction:
Change the word *accept* to *except* on page 3 in the amendment to the motion and the amended motion

Unanimous voice vote for approval

D. PREARRANGED PARTICIPATION

None

E. APPROVAL OF THE AGENDA

Motion Semifero; support Smith to approve the agenda with the following changes:
Add an update on item I-4, Village Manager's Report
Add an update on item J-1, Consideration of Bills & Payroll
Add item J-3 on the Consent Agenda, Request from Dexter Area Firefighters Local 4090

Unanimous voice vote for approval

F. PUBLIC HEARINGS

Action on each public hearing will be taken immediately following the close of the hearing

The Public Hearing was opened at 7:32 pm by Village President Shawn Keough.

Erik Schnurstein of 3249 Eastridge Drive, Dexter, shared concerns about bees and chickens that they are not appropriate within the Village setting sighting noise factors, smell, concern for property values and safety issues with bees as recently reported in the local news in Pittsfield Township.

Dinah Grissom of 3360 Central Street, Dexter, reiterated her previous concerns with chickens and that chicken coops will draw other critters such as raccoons and rats.

Mary Ellen Miller of 7654 Forest Street, Dexter, mentioned that when she bought her house it came with a chicken coop and that other communities have developed ordinances for chickens. She also mentioned the bee incident in Pittsfield Township which was due to improper handling and that she favors bees.

Evelyn Smith of 7810 Fifth Street, Dexter, reported on attending bee-keeping school and is interested in the pollination that bees perform. She stated that people need to be respectful of hives and that if people take care and maintain their property; she is not opposed to chickens.

President Keough closed the hearing at 7:42 pm.

Consideration of: Amendments to the General Code of Ordinances, Article 1, Section 10, Animals and Article 2, Section 10, Dogs

Motion Cousins; support Carson to accept the amendments to the General Code of Ordinances, Article 1, Section 10, Animals and Article 2, Section 10, Dogs.

Ayes: Cousins, Tell and Carson
Nays: Fisher, Smith, Semifero and Keough
Motion fails 3 to 4

Motion Semifero; support Smith to postpone the vote on the amendment to allow staff to revise the language applicable to dogs and remove the language on bees and chickens.

Ayes: Smith, Semifero, Tell, Carson, Fisher, Cousins, Keough
Nays: None
Motion carries

NON-ARRANGED PARTICIPATION

Mary Ellen Miller of 7654 Forest Street, Dexter, addressed Council on the changes made on Forest Street with the recent water main project and that it is not reasonable to not allow parking in the front of residents homes. She also addressed the Inverness and Forest intersection stating that nothing that was done there has increased walkability. (Comments attached)

Tom Jarvis of 7649 Forest Street, Dexter, spoke of the continuing narrowing of Village streets and numerous stop signs in the Village. He raised the question how the Village makes decisions without consulting citizens.

H. COMMUNICATIONS:

1. Upcoming Meeting List
2. Chelsea Area Planning Team/Dexter Area Regional Team 7-19-2010 minutes

I. REPORTS

1. Community Development Manager – Allison Bishop

   Ms. Bishop submits her report as per packet. She also asked Council for feedback on the Westside Connector design and the direction to go on refining the usage of monies in the Transportation Improvement Plan that could include sidewalk connections to The Cedars of Dexter.

2. Boards, Commissions. & Other Reports-"Bi-annual or as needed"

   Gordon Hall Mgmt Team Representative – Donna Fisher
   Report moved to September meeting.

3. Subcommittee Reports

   Website - None
   Downtown Fire Detection - None
   Economic Preparedness – None

4. Village Manager Report

   Mrs. Dettling submits her report as per packet. Mrs. Dettling reported on attending a meeting in Lansing today about the Total Maximum Daily Load limits on phosphorous. Ms. Nicholls spoke about the issues with cape sealing and issues with the pavement repairs from Soil and Material Engineers, Inc. (SME) and the roads will be striped around the school areas before the start of school

5. President's Report

   Mr. Keough submits his report as per packet. In addition Mr. Keough mentioned the LaFontaine proposal on property improvements and that he would not be able to attend the August 25th union contract meeting.

J. CONSENT AGENDA

1. Consideration of: Bills and Payroll in the amount of $819,886.88

2. Consideration of: Request from Connexions Church to place four (4) signs in the right-of-way on Sundays for the remainder of 2010

3. Consideration of: Request from Dexter Area Firefighters Local 4090 to collect Money for Muscular Dystrophy Association on September 11 and 12, 2010

Motion Fisher; support Smith to approve items 1, 2 and 3 of the consent agenda.

Unanimous voice vote for approval

K. OLD BUSINESS-Consideration and Discussion of:

1. Discussion of: Preliminary Facilities – Fire Station Information

   Motion Cousins; support Carson to have Rich Henes identify the different construction types that could apply for a fire department building at a cost of $1000.00 or less.

   Ayes: Semifero, Tell, Fisher, Carson, Cousins and Keough
   Nays: Smith
   Motion carries 6 to 1

At 8:50 p.m. a recess was taken and the meeting re-convened at 8:55 p.m.

L. NEW BUSINESS-Consideration of and Discussion of:

1. Discussion of: Water Main Project Restoration

   Discussion included but was not limited to the restoration of washed out areas, parking on areas of the right-of-way during restoration, Americans with Disabilities Act ramp locations, widening asphalt near group mailboxes, and consistency of drive approaches to driveways and alleys. It was emphasized that cooperation is needed from residents in the areas of the project.

2. Consideration of: Planning Commission recommendation for amendments to Article 7 of the Zoning Ordinance - Signs

   Motion Carson; support Semifero per Section 23.06, Criteria for Amendment to the Zoning Ordinance Text and the Planning Commission's recommendation, the Village Council approves the proposed amendments to Article 7, Signs section 7.075E only due to factors deemed appropriate by the Planning Commission and Zoning Board of Appeals and to promote the implementation of the goals and objectives of the Master Plan.

   Ayes: Tell, Carson, Cousins, Smith, Fisher, Semifero, and Keough
   Nays: None
   Motion carries

3. Consideration of: Washtenaw County Parks Westside Connector Site Plan

   Coy Vaughn of the Washtenaw County Park and Recreation Commission and Phil Vogelsang of URS Corporation distributed additional information regarding the Westside Connector Site Plan.

   Motion Carson; support Semifero based upon the information received from the applicant, as recommended by the Planning Commission and Parks and Recreation Commission and in conformance with Section 21.04(E)3 of the Village of Dexter Zoning Ordinance, the Village Council finds the Washtenaw County Parks Border to Border Trail plans for the Westside Connector dated 8/17/10 meets the requirements for approval of the combined site plans. In making this determination, the following additional considerations shall apply:

1. All efforts should be made to eliminate the boardwalk roof structure.
2. Receipt of construction easements from all property owners.
3. Relocation of the swing set as required by present design.

Ayes: Carson, Cousins, Fisher, Smith, Semifero, Tell and Keough
Nays: None
Motion carries

4. Consideration of: Medical Marihuana Dispensary Moratorium

Motion Semifero; support Fisher that the Village Council hereby imposes a temporary moratorium prohibiting the initiation of the use on any property in the Village as a facility for dispensing marihuana for medical and any other purpose and for cultivating marihuana plants, and that any zoning compliance permits or building permits for such uses be deferred for a period of 120 days from the date of this resolution, in conjunction with the study and revision of the Village Zoning Ordinance or other ordinances regarding this issue. Be it further resolved that the Village Council directs staff and the Planning Commission to study and make specific recommendations for ordinance amendments regarding the issue of facilities for dispensing marihuana and/or cultivating plants for medical or any other purposes.

Ayes: Cousins, Fisher, Smith, Semifero, Tell, Carson and Keough
Nays: None
Motion carries

5. Consideration of: Downtown Development Authority Appointments

Motion Smith; support Semifero to affirm the recommendations of the Downtown Development Authority (DDA) for the reappointments of DDA Board members including reaffirming member's terms.

Ayes: Smith, Semifero, Tell, Carson, Fisher, Cousins and Keough
Nays: None
Motion carries

M. COUNCIL COMMENTS

Carson	None
Fisher	Attended the Henry Thurston Day banquet on behalf of the Village and presented him a proclamation from the Village.
Smith	None
Jones	Spent last Saturday at the Farmer's Market gathering signatures for the Cityhood petitions and will do so again next Saturday. The Farmer's Market has certainly grown over past years.
Cousins	Thanked all for attending his and Pat's Anniversary Open House
Semifero	None
Tell	Inquired about the sign posted at Adair Printing and their future plans.

N. NON-ARRANGED PARTICIPATION

None

O. ADJOURNMENT

Motion Smith support Fisher to adjourn at 11:03 pm.

Unanimous voice vote for approval

Respectfully submitted,

Carol J. Jones
Clerk, Village of Dexter

Approved for Filing:_____

My name is Mary-Ellen Miller. I live at 7654 Forest. I am here to address several issues related to the recent changes on my street and in my neighborhood.

Before the recent water line work, a meeting was held to inform us about and describe to us the work that was to be done. We were told that the roads would be returned to the way they were prior to the work. This is not what happened and there was no further attempt to adequately inform or involve the neighborhood.

One of my primary issues is that I don't understand or agree with why parking places in front of people's homes have become such an issue for Council and why it has become important to spend money to take away these parking spaces and have grass planted, which by the way in many places is pure crab grass.

Many of us have single car driveways and single car garages. Some folks have no garage or driveway. But even for the people who have 2 car garages and driveways, this imposition of grass is unreasonable. In today's world there are often 4 drivers and 4 cars at a home. Just a couple years ago we had 5 adults with 5 cars. God forbid anyone has a visitor. The idea that we should be constantly shuffling all those cars is unreasonable. Currently my husband carpools with other Dexter residents who park neatly in front of our home. If not this and I am home alone, is it reasonable for me to have to the shuffle cars by backing them onto the lawn or into the roadway?

People frequently walk by our home commenting on how pretty the yard is. No one has ever said, "but it sure would be prettier without the parking space". For the 30 years we have been in our home, and for years before that, there has been a parking space in front of our home. We have maintained it, as has the Village that only a few years ago added fresh crushed stone. Personally, I believe that if these spaces are maintained they should not be an

issue even in the winter. During the winter, the Jarvis's clear their parking place and keep it clear. As a walker, let me reassure that their maintenance is far better than you can say about many people in the Village and their sidewalks.

As an aside: I planted the ground cover because the grass wouldn't grow under the maple trees, as you can see in other yards.

Parking off the alley behind our home is also not a viable option. We have 2 parking spaces there which we had Bob Stacy create and cover with crushed stone only 2 years ago. In regular maintenance of the alley, the scraping has now made the alley about 6 inches lower than our parking spaces. What this means is that even in good weather we have difficulty getting into the spaces without bottoming out. In the winter it is virtually impossible to move the cars due to the snow and the ice. Even if the alley is plowed and even if we dig the cars out, we can't get them back in due to the ice and the height difference. What I am pointing out is that not being able to park in front of our homes is unnecessary and unworkable.

An aside: As a nurse my hours usually started at 7am. So I was to get up, do all this after going through 100 feet of snow in the backyard. And all this in time to get to work by 7. This would also be true of my next door neighbor, Diane Bach who leaves for work at 7.

An aside: Concerning paving the alleys, I am not sure that all the alleys should be paved. I would participate in neighborhood discussions as I believe that we may all be affected differently. I wonder if anyone involved in the decisions to repave the alleys has looked into what is below the surface of the alley? Water line? Sewer? This then becomes a much more costly project to be budgeted for.

Also related to the paving:

-The of the corner of Inverness and Forest: Despite what we were told would be done, this corner was realigned and turned into a severe right angle instead of the gradual arc it had been. As I said, I am a walker as my usual means for getting around town. Let me reassure you that nothing in this change has done anything to increase "walkabilty" or safety. It is perfectly possible to have a gradual corner and safety for walkers.

As for cars, I am unaware of there having ever been an accident at that corner. In fact I believe there is a greater chance of an accident now because it is almost impossible to turn right off Inverness onto Forest without going into the left lane.

-Also related is the repaving in front of our mailboxes on Inverness. In the winter Pat McLeod has regularly plowed that area so we have access to our mailboxes. Why the Village felt that the bizarre way it is now repaved serves any purpose to the neighborhood or the Postal Service is beyond me.

-Another area of concern though not directly affecting me, I have also been told by neighbors that the realignment and repaving have caused significant water problems for them and their property. Was any thought given to the creek and watershed areas that used to be there and the significant water problems of the past.

I wonder why those of us who live in the neighborhood were not solicited to be involved in these significant decisions affecting our homes and our neighborhood. I didn't come to voice my concerns before because I had higher expectations of how our Village worked.

2010 Upcoming Meetings

Board	Date	Time	Location	Website	Village Representative
Dexter District Library Board	9/13/2010	7:30 p.m.	Dexter District Library	http://www.dexter.lib.mi.us/	
Dexter Village Council	9/13/2010	7:30 p.m.	Dexter Senior Center	http://www.villageofdexter.org	
Scio Township Downtown Development Authority	9/13/2010	12:00 p.m.	Scio Township Hall	http://www.twp.scio.mi.us/	
Scio Township Planning	9/13/2010	7:30 p.m.	Scio Township Hall	http://www.twp.scio.mi.us/	
Scio Township Board	9/14/2010	7:00 p.m.	Scio Township Hall	http://www.twp.scio.mi.us/	
Regional Fire Consolidation	9/15/2010	3:30 p.m.	Dexter District Library		Shawn Keough
Washtenaw Area Transportation Study-Policy	9/15/2010	9:30 a.m.	Scio Township Hall	http://www.miwats.org/	Jim Carson
Washtenaw County Board of Commissioners	9/15/2010	6:45 p.m.	Board Room, Admin Building	http://www.ewashtenaw.org/government/boc/	
Webster Township Planning	9/15/2010	7:30 p.m.	Webster Township Hall	http://www.twp.webster.mi.us/	
Dexter Area Fire Board	9/16/2010	6:00 p.m.	Dexter Township Hall	http://dexterareafire.org/	Ray Tell/Jim Seta
Dexter Downtown Development Authority	9/16/2010	7:30 a.m.	Senior Center	http://www.villageofdexter.org	Shawn Keough
Healthy Community Steering Committee	9/16/2010	8:30 a.m.	Chelsea Hospital - White Oak Room		Paul Cousins
Chelsea Area Planning Team/Dexter Area Region	9/20/2010	7:00 p.m.	Chelsea - Washington St. Center	http://www.ewashtenaw.org/	Jim Carson
Village Economic Preparedness Committee	9/20/2010	4:30 p.m.	Village Offices		
Dexter Village Zoning Board of Appeals	9/20/2010	7:00 p.m.	Senior Center	http://www.villageofdexter.org	Ray Tell
Dexter Township Board	9/21/2010	7:00 p.m.	Dexter Township Hall	http://www.twp-dexter.org/	
Dexter Village Parks Commission	9/21/2010	7:00 p.m.	Village Offices	http://www.villageofdexter.org	Joe Semifero
Webster Township Board	9/21/2010	7:30 p.m.	Webster Township Hall	http://www.twp.webster.mi.us/	
Downtown Fire Detection Committee	9/22/2010	4:00 p.m.	Dexter District Library		
Tupper Property Redevelopment Team	9/22/2010	5:30 p.m.	Village Offices		
Dexter Village Council	9/27/2010	7:30 p.m.	Dexter Senior Center	http://www.villageofdexter.org	
Scio Township Planning	9/27/2010	7:30 p.m.	Scio Township Hall	http://www.twp.scio.mi.us/	
Scio Township Board	9/28/2010	7:00 p.m.	Scio Township Hall	http://www.twp.scio.mi.us/	
Western Washtenaw Area Value Express	9/28/2010	8:15 a.m.	Chelsea Community Hospital		Jim Carson

AGENDA 9-13-10
ITEM H-1

Due to the possibility of cancellations please verify the meeting date with the listed website or the Village Representative

Comcast

AGENDA 9-13-10
ITEM H-2

August 25, 2010

Donna Dettling, Manager
Village of Dexter
8140 Main St.
Dexter, MI 48130

Dear Ms. Dettling:

As part of Comcast's commitment to keep you informed about important developments that affect our customers in your community, I am writing to notify you of changes to the channel lineup effective September 30, 2010. Customers will be notified of these changes via bill message.

Comcast/Big Ten Network Xtra on Digital Starter channels 694 and 695 will no longer be available. Some of the programming from these channels will be available on Digital Starter Comcast/Big Ten Network Xtra channels 692 and 693.

Please direct any customer calls about Comcast products, services and prices to 1-888-COMCAST. Our Customer Account Executives are available 24 hours a day, 7 days a week. As always, feel free to contact me directly at 734-254-1888 with any questions you may have.

Sincerely,

Frederick G. Eaton

Frederick G. Eaton
Government Affairs Manager
Comcast, Michigan Region
41112 Concept Drive
Plymouth, MI 48170

AGENDA 9-13-10
ITEM H-3

dexter ARTS center

August 23, 2010

RE: Farm House, 7651 Dan Hoey

Dear Village Council,

As President of the newly formed Dexter Arts Center, the Board of Directors & I are currently looking for a location within the Village limits. We have a temporary home for the first 6 months and have noticed that the farm house next to the Community Gardens is vacant. We are asking what is the status of the home and is it available.

Please let me know if you have any questions. I can be reached by either my home phone (734-426-8067) or by my cell phone 734-546-5559. Check out our website @ www.dexterartscenter.org or find us on facebook.

Best Regards,

Pam O'Hara

Pam O'Hara

Received August 23, 2010

AGENDA 9-13-10

ITEM I-1.

VILLAGE OF DEXTER - COMMUNITY DEVELOPMENT OFFICE
8140 Main Street • Dexter, Michigan 48130-1092 • (734) 426-8303 • Fax (734) 426-5614

Memorandum

To: Village Council and President Keough
Donna Dettling, Village Manager
From: Allison Bishop, AICP, Community Development Manager
Re: REPORT
Date: September 13, 2010

Westside Connector –

Design Exception meeting – A meeting was held with WATS and a representative from MDOT on September 8th. The meeting was to discuss a design exception, which entails permitting the County's B2B Trail and the Village's Subdivision Connector trails that use Federal Funding to be constructed at a width of less than 14 feet. The request was to permit the construction of a boardwalk at 10 feet wide as opposed to the 14 foot wide requirement. Based on the information provided a design exception is likely to be granted given the sensitive wetlands that the boardwalk will traverse. The County will now work through the process outlined by the MDOT representative to get the exception officially approved. In addition to the design exception meeting a timeline was discussed. You may recall from the last Village Council packet the MDOT letting and obligation timeline that I provided. Based on the Village's TIP we are expected to get funding in FY 2012. Based on that timing, project and funding coordination is looking less likely that the project will be under construction next summer. A timeline and task list is being prepared and will be provided when complete; however it looks as though the project would be bid with the HCMA project and under construction in early spring 2012. The County, Village, Road Commission and HCMA plan to work through many of the details of the funding, timing and bidding logistics over the next few weeks.

Permit Status – Additional information has been provided to the MDEQ and permit issuance is anticipated by the end of the month.

Subdivision Connector – Included in your packet are the URS plans for the initial alignment of the subdivision connector into Westridge. Also attached is a brief description of why the alignment was chosen. The plans have been provided to the Westridge HOA Board. It is anticipated that the HOA meeting can now be scheduled in order to move forward with the HOA granting an easement to the Village for the construction, use and maintenance of the trail.

Mill Creek Park Update – No new info. We are still waiting on correspondence from James Sallee in the Jackson District office which will give us a better indication of a future timeline. A copy of the permit status is included.

Zoning Ordinance Review –

Article 2, Definitions – The Planning Commission has set a public hearing for consideration of amendments to the definitions of Community Special Event Sign, Institutional Signs and Zoning Act, attached.

If you have any questions prior to the meeting please feel free to contact me.

Thanks.

Allison Bishop

From: Phillip_Vogelsang@URSCorp.com
Sent: Wednesday, September 08, 2010 10:35 AM
To: Allison Bishop
Cc: Eric_Timmer@URSCorp.com; vaughnc@ewashtenaw.org
Subject: Fw: Dexter spur trail
Attachments: CPG3_Aerial Model (1).pdf

(See attached file: CPG3_Aerial Model (1).pdf)

Allison:

Here is the proposed trail route mapped onto an aerial photograph.

The alignment of the trail is based on the following thought process:

1. We started at the Washtenaw County trail end.
2. We took the shortest route out of the wetlands to minimize environmental impact.
3. We followed the top of bank around the pond.
4. We crossed over the existing stream using a nearly straight perpendicular line.
5. We then curved into the existing bit path.

As a general rule, the proposed path avoids large existing trees.

Your thoughts will be appreciated.

Sincerely,

Phillip Vogelsang, PE
URS Corporation Great Lakes
616.574.8479 OFFICE
616.222.4969 FAX

----- Forwarded by Phillip Vogelsang/GrandRapids/URSCorp on 09/08/2010 10:23 AM -----

"Allison Bishop"
<abishop@villageofdexter.org>

09/08/2010 09:51 AM

To<Phillip_Vogelsang@URSCorp.com>
cc<Eric_Timmer@URSCorp.com>
SubjectRE: Dexter spur trail

Would it be possible to get a narrative about why the layout was placed where it is, i.e. wetlands, steep slopes, avoiding utility easements, existing vegetation? An email would be fine too.

Thanks.

Allison Bishop

From: Wyatt, Dave [dave.wyatt@nscorp.com]
Sent: Wednesday, September 08, 2010 6:09 PM
To: Allison Bishop
Cc: Donna Dettling; Keough, Shawn
Subject: FW: Dexter, Michigan Trail Covered Bridge under Norfolk Southern RR Arch Bridge
Importance: High
Attachments: 20100818125611812.pdf; 3-Plot revised.pdf

Ms. Bishop:

Regarding the request to eliminate the roof on the proposed trail within the railroad's right of way, we have reviewed your letter and can advise the trail will have to be protected with a roof; however, the limits of the roof structure will be continuous 25' from the end of the rail structure. The total length of the roof structure will be 50' plus the width of the rail structure. Please provide plans of the trail and roof structure for review.

Have a Safe Day!

David Wyatt
System Engineer Public Improvements
Norfolk Southern Corporation
1200 Peachtree Street, N.E.
Atlanta, Georgia 30309

Telephone: 404/529-1641
Cell Phone: 404/245-2596
Fax: 404/527-2769
e-mail: dave.wyatt@nscorp.com

From: Allison Bishop [mailto:abishop@villageofdexter.org]
Sent: Wednesday, August 18, 2010 1:40 PM
To: Wyatt, Dave
Cc: Donna Dettling; Keough, Shawn
Subject: Dexter, Michigan Trail Covered Bridge under Norfolk Southern RR Arch Bridge
Importance: High

Mr. Wyatt,

Attached is a letter from the Village of Dexter. On August 9, 2010 the Village Council directed staff to contact you and request elimination of a roof structure on a proposed trail project within the Village (attached). Please see the attached letter which will also be delivered via mail. If you have any questions please feel free to contact me.

Thank you for your consideration.

Allison Bishop, on behalf of the Dexter, Michigan community.

DEQ Department of Environmental Quality Michigan

Wednesday, September 08, 2010

Notices and Hearings

New Applications

File Number:

09-81-0074-P

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Back

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Note:
Some fields are blank dependent upon application type and/or status.

Jackson District Office
301 E. Louis Glick Hwy.
Jackson , Michigan
49201-1535
517-780-7690

Land and Water Management Division
CIWPIS on line

Coastal and Inland Waters Permit Information System

File No: 09-81-0074-P Status: Assigned to Field Reviewer

Name: **Village of Dexter** County: **Washtenaw**
Address: **Attn: Allison Bishop 8140 Main Street Dexter, MI 48130** Twn/Rng/Sec: **02S/05E/6**
Government: **Scio Township**
Subdivision:
Waterbody: **Mill Creek** Lot:
ProjectName: **Mill Creek Park** Tax ID: **HD-08-06-210-047+**

Activity: **Boardwalk** MiTAPS:
Activity: **Dredge & Fill**
Activity: **Discharge Structure**

Parts:	301	325	303	31	315	323	353	Sec404
	1		X	X				R

Type: **Public Notice** Field: **James Sallee**
Renewal: Entry: **Kate Lederle**

Date Received: **6/22/2010** Date Final Action:
Date Sent to Field: **9/1/2010** Date Permit Expires:
Date Extended: Date Revised:
Date Site Inspection: Date Public Notice: **9/1/2010**
Date Public Hearing: Date CR Mailed: **07/14/2010**

This information is a summary of LWMD-MDEQ project file: 09-81-0074-P.

State of Michigan
Department of Natural Resources and Environment

Land and Water Management Division
301 E. Louis Glick Hwy.
Jackson MI, 49201-1535
517-780-7690

File No. 09-81-0074-P

Date: September 1, 2010

PUBLIC NOTICE

Village of Dexter, 8140 Main Street, Dexter, Michigan 48130, has applied to this office for a permit under authority of Part 301, Inland Lakes and Streams, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended. The applicant proposes to dredge and fill in Mill Creek and the adjacent wetland and 100-year floodplain and a tributary for the purpose of restoring the stream to prevent on-going erosion and sedimentation and provide public access to the stream from downtown Dexter for passive recreational use. The project is located north and south of the Main Street Bridge. Approximately 1,320 linear feet of stream will be realigned and restored when approximately 3,338 cubic yards of spoils are dredged and 1,901 cubic yards of fill are placed in the stream to create banks, pools, and riffles. Spoils will be disposed onsite. Approximately 47 cubic yards of spoils will be dredged from 70 linear feet of an unnamed tributary located on the west side of the stream. The tributary will be stabilized with 47 cubic yards of riprap. Approximately 11 cubic yards of fill will be used to create aquatic habitat structures in the stream. The applicant proposes to construct two canoe launches, 38 feet long by 24 feet wide and 36 feet long by 20 feet wide respectively. During park development and construction of the access path approximately 9,224 cubic yards of material will be cut and 1,377 cubic yards of fill will be placed in the floodplain; including 5,733 cubic yards dredged from 1.62 acres of wetland and 2,689 cubic yards of fill in 0.45 acres of wetland. Approximately 743 linear feet of boardwalk, 8 feet wide, will be constructed through floodplain, including 262 feet through wetland. The boardwalk will connect to an overlook, 40 feet long and 8 feet wide, constructed on pilings in the floodplain. An existing outfall structure will be extended 32 feet. A second outfall structure will discharge stormwater to a detention basin/rain garden before discharging to the stream. A total of 68 cubic yards of riprap will be placed in the floodplain, including 44 cubic yards in wetland during construction of stormwater outlets. Overall a total of approximately 1,377 yards of fill and 11,301 cubic yards of cut will occur in the 100-year floodplain. Approximately 2,695 cubic yards of fill will be placed in 0.47 acres of wetland and 7,745 cubic yards of spoils will be removed from 2.05 acres of wetland. Total wetland impact proposed is 2.52 acres. Mitigation is proposed. The project is located in T2S, R5E, Section 6, Scio Township, Washtenaw County, Michigan, in accordance with plans attached to this notice.

THIS NOTICE IS NOT A PERMIT

The proposed project may also be regulated by one or more additional parts of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, that are administered by the Land and Water Management Division (LWMD). The requirements of applicable parts are considered in determining if it is in the public interest to issue a permit.

When a permit application is received requesting authorization to work in or over the inland waters of the State of Michigan, pursuant to PART 301, INLAND LAKES AND STREAMS, OF THE NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION ACT, 1994 PA 451, AS AMENDED, the Act provides that the department submit copies for review to the department of public health, the city, village or township, and the county where the project is to be located, the local soil conservation district, any local watershed council organized under Part 311, and the local port commission. Additional notification is provided to certain persons as required by statute or determined by the department.

Those persons wanting to make comments on the proposed project shall furnish this office with their written comments no later than 20 days from the date of this notice. Written comments will be made part of the record and

should reference the above file number. Objections must be factual, specific, and fully describe the reasons upon which any objection is founded. Unless a written request is filed with the department within the 20-day public comment period, the department may make a decision on the application without a public hearing. The determination as to whether a permit will be issued or a public hearing held will be based on evaluation of all relevant factors defined in Sections 30106 and 30311, or permit criteria defined by other appropriate Parts of the NREPA. These Sections address the effect of the proposed work on the public trust or interest including navigation, fish, wildlife, and water quality among other criteria. Public comments received will also be considered.

This application will be reviewed by federal agencies in accordance with an agreement with the U.S. Environmental Protection Agency, under provisions of Section 404 of the Federal Clean Water Act Amendments of 1977.

cc: DNRE, Fisheries Southfield
DNRE, Wildlife Southfield
Washtenaw Co. Clerk
Washtenaw Co. Drain Commission
✓Village of Dexter, applicant
DNRE, RRD Site(s) 81-494, 522, 529
LWMD, Floodplains- D. Cervelli
LWMD, 404 Coordinator
USEPA
Environmental Consulting and Technology, Inc.
See file for adjacent riparians
History Division
Washtenaw Co. Health Dept.
Scio Township Clerk
Washtenaw Soil Conservation Dist.
DNRE, Natural Heritage
Huron River Watershed Council
DNRE, Fisheries, Natural Rivers- Matt Fry
USACE
USFWS

effects of the through traffic on the arterial road and so that the flow of traffic on the arterial road is not impeded by direct driveway access from a large number of abutting properties.

Semi-trailer: A trailer, which may be enclosed or not enclosed, having wheels generally only at the rear, and supported in front by a truck tractor or towing vehicle.

Service truck: A pick-up truck or van that is used in conjunction with a repair or maintenance business, such as a plumbing, electrical, or carpentry business.

Setback: Is the distance required to obtain the minimum required distance between the front, side or rear lot lines and the building lines or parking lot. Setbacks from a public street or private road shall be measured from the right-of-way line or easement. Setbacks shall remain as open space as defined herein, unless otherwise provided for in this ordinance. (Refer to the Schedule of Regulations, Article XX, for minimum setbacks).

Shopping center: A grouping of retail businesses and service uses on a single site with common parking facilities.

Shoreline: The line between upland and bottomland which persists through excessive changes in water levels, below which the presence and action of the water is so common or recurrent that the character of the land is marked distinctly from the upland and is apparent in the soil, the configuration of the soil surface and the vegetation.

Sign: Any device, fixture, placard, or structure that uses any color, form, graphic, illumination, symbol, or writing to advertise, announce the purpose of, or identify the purpose of a person or entity, or to communicate information of any kind to the public. House numbers, addresses, and name plates not exceeding two (2) square feet shall not be considered signs.

For the purpose of this Ordinance, sign shall also include the following terms:

Abandoned Sign: A sign which no longer directs or exhorts any person, or advertises a bona fide business, lessor, owner, product or activity conducted or product available on the premises where such sign is displayed.

Animated Sign: Any sign that uses movement or change of lighting to depict action or create a special effect or scene.

Banner: Any sign of lightweight fabric or similar material that is attached to a pole or a building at one (1) or more edges. National flags, state or municipal flags, or the official flag of any institution or business shall not be considered banners.

Billboard: An off-premises sign with an area in excess of two hundred (200) square feet.

Beacon: Any light with one (1) or more beams directed into the atmosphere or directed at one (1) or more points not on the same zoning lot as the light source; also, any light with one (1) or more beams that rotate or move.

Building Marker: Any sign indicating the name of a building and date and incidental information about its construction, which sign is cut into masonry surface or made of other permanent material.

Building Sign: Any sign attached to any part of a building, as contrasted to a ground sign. Building signs shall include the following types of signs as defined in this section: Canopy, Projecting, Wall, permanent window, and channel letter signs.

Business Center Sign: A sign which identifies a group of two (2) or more stores, offices, research facilities, or manufacturing facilities which collectively have a name different than the name of the individual establishments and which have common parking facilities, or which is a platted business subdivision.

Canopy Sign: Any sign that is a part of or attached to an awning, canopy, or other fabric, plastic, or structural protective cover over a door, entrance window, or outdoor service area.

Casual Sales Sign: A temporary sign used for special sales, not scheduled with any regularity, and includes home garage sales, attic sales, flea market sales and other occasional casual sales whether or not commercially oriented. The sign must be located on the same lot as the special sale.

Changeable Copy Sign: A sign or portion thereof with characters, letters, or illustrations that can be changed or rearranged without altering the face or the surface of the sign. A sign on which the message changes more than one (1) time per day shall be considered an animated sign and not a changeable copy sign for purposes of this Ordinance. A sign on which the only copy that changes is an electronic or mechanical indication of time or temperature shall be considered a "time and temperature" portion of a sign and not a changeable copy sign for purposes of this Ordinance.

Channel Letter Sign: Any sign installed as a cabinet or as individual letters, with self-contained illumination. Some channel letters may be mounted on a raceway (wire way) while others may be mounted flat against the building wall. Channel letter signs shall not exceed more than twelve (12) inches from the building wall.

Commercial Activity Signs: A temporary sign which includes signs advertising the opening of a new business, sales, change in hours of operation, or the conduct of commercial activities during other than regular business hours. Temporary banners are included in this definition.

Commercial Message: Any sign wording, logo, or other representation that, directly or indirectly, names, advertises, or calls attention to a business, product, service, or other commercial activity.

Community Special Event: An occurrence or noteworthy happening of seasonal, civic, or religious importance, which is organized and sponsored by the Village of Dexter or by a non-profit Dexter community group, congregation, organization, club or society, and

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which offers a distinctive service to the community, such as public entertainment, community education, civic celebration, or cultural or community enrichment.

Flag: Any fabric or banner containing distinctive colors, patterns, or symbols, used as a symbol of a government, political subdivision, or other entity.

Ground Sign: Any sign supported by structures or supports that are placed on, or anchored in, the ground and that are independent from any building or other structure.

Incidental Sign: A sign, generally informational, that has a purpose secondary to the use of a zone lot on which it is located, such as "no parking," "entrance," "loading only," "telephone," "handicap," "no hunting," "no trespassing" and other similar directives. No commercial message shall be considered incidental.

Incidental Business Sign: Signs associated with the drive-thru portion of a business, such as a menu-board sign.

Institutional Sign: Temporary signs announcing any charitable, educational or religious event or function, including special events and community special events.

Deleted: annual or semiannual public.

Integral Sign: Integral signs are names of buildings, dates of erection, monument citations, commemorative tablets and the like, when carved into stone, concrete or similar material or made of other permanent type construction and made an integral part of the structure.

Non-conforming Sign: Any sign that does not conform to the requirements of this Ordinance.

Off-site Sign (off-premises sign): A sign other than an on-site sign.

On-site Sign (on-premises sign): A sign which advertises or identifies only goods, services, facilities, events or attractions on the premises where located.

Outdoor Advertising Sign: A sign, including billboards, on which the written or pictorial information is intended to advertise a use, product, service, goods, event or facility located on other premises, and which is intended primarily for advertising purposes.

Pennant: Any lightweight plastic, fabric, or other material, whether or not containing a message of any kind, suspended from a rope, wire, or string, usually in series, designed to move in the wind.

Political Sign: A sign relating to the election of a person to public office or relating to a political party or relating to an issue or matter to be voted upon at an election called by a public body. Political signs are considered temporary signs.

Portable Sign: Any sign not permanently attached to the ground or other permanent

structure, or a sign designed to be transported, including, but not limited to, signs designed to be transported by means of wheels; signs converted to A or T-frames; menu and sandwich board signs; balloons used as signs; and signs attached to or painted on vehicles or trailers parked and visible from the public right-of- way, unless said vehicle is licensed operable and used in the normal day-to-day operations of the business.

Projecting Sign: Any sign affixed perpendicular to a building or wall in such a manner that its leading edge extends more than six (6) inches beyond the surface of such building or wall, with the exception of channel letter signs.

Real Estate Sign: A sign advertising that the property said sign is located upon is for sale, rent or lease. Real estate signs are considered temporary signs.

Residential Development Sign: A sign at the entrance of a residential development for the purposes of identifying a subdivision, site condominium, multiple family development, or mobile home park.

Roof Sign: Any sign erected and constructed wholly on and over the roof of a building, supported by the roof structure, and extending vertically above the highest portion of the roof.

Roof Sign, Integral: Any sign erected or constructed as an integral or essentially integral part of a normal roof structure of any design, such that no part of the sign extends vertically above the highest portion of the roof and such that no part of the sign is separated from the rest of the roof by a space of more than six (6) inches.

Suspended Sign: A sign that is suspended from the underside of a horizontal plane surface and is supported by such surface.

Temporary Sign: A sign that is intended to be displayed for a limited period of time.

Wall Sign: Any sign attached parallel to a wall, painted on the wall surface of, or erected and confined within the limits of an outside wall of any building or structure, which is supported by such wall or building, and which displays only one sign surface.

Window Sign: Any sign, pictures, symbol, or combination thereof, designed to communicate information about a community activity, business, commodity, event, sale, or service that is placed inside a window or upon the window panes or glass and is visible from the exterior of the window. Political signs, or other non-commercial advertising, shall not be deemed to be window signs for the purpose of this ordinance and shall not be subject to the provisions regulating window signs in this ordinance.

Site development plan: The development plan for one or more lots on which is shown the existing and proposed conditions of the lot, including topography, vegetation, drainage, flood plains, wetlands, and waterways; landscaping and open spaces; walkways; means of ingress and egress; pedestrian and vehicular circulation; utility services; structures and buildings; signs and lighting; berms, buffers, and screening devices; surrounding development; and any other

C. **Side yard:** An open space between a main building and the side lot line, extending from the front yard to the rear yard, the width of which is the horizontal distance from the nearest point on the side lot line to the nearest point of the main building.

Zoning Act: The Michigan Zoning Enabling Act (PA 110 of 2006, as amended).

Deleted: City of Village Zoning

Deleted: 207

Deleted: 1921

Zoning Administrator: The Village Official(s) designated by the Village Council to administer and enforce the Village Zoning Ordinance of the Village or his or her designee.

VILLAGE OF DEXTER - COMMUNITY DEVELOPMENT OFFICE
8140 Main Street • Dexter, Michigan 48130-1092 • (734) 426-8303 • Fax (734) 426-5614

Memorandum

To: Village Council and President Keough
Donna Dettling, Village Manager
From: Allison Bishop, AICP, Community Development Manager
Re: Enforcement – Incomplete Construction
Date: September 13, 2010

Staff has been working through the enforcement proceedings for the incomplete construction at 8210 Webster Drive in Westridge and Building I at the Victoria Condominiums in Dexter Crossing.

8210 Webster Drive (Westridge-Hasel Ravine Partners) – Communication with the property owner has been positive; however the property owner is not willing to remove the basement given the cost to remove the basement and the value of the lot. The property owner indicated that the basement would likely cost $10,000 to remove and require additional investment into a lot that is not even worth $10,000.

I have requested that the property owner put this in writing. To date I have not received any correspondence and plan to issue the next violation letter on September 14, 2010.

Building I (Dexter Crossing-Blackhawk Development) – Communication with the property owner has generally been positive; however the property owner is not willing to remove the basement given the loss of the investment already made. The property owner has provided a report from a structural engineer that states that the basement is structurally sounds and therefore they would be willing to deck the basement. I have indicated to the property owner that decking the basement is not acceptable given the other decked basement in the Village and the nuisance and safety hazard that it has become.

NEXT STEPS:
The Village plans to issue the second notice, followed by a civil infraction to the property owners. A formal hearing will be scheduled with the court and then the judge will have the authority to rule on the issue. Scenarios include 1) the property owner being represented by an attorney and continuing to fight the case 2) the property owner defaulting (not showing up). The Village could then request a court order for removal/filling in of the basement. If the order is not complied with then the Village could request that the judge permit the Village to remove/fill in the basement and lien the property. Collection on the lien would not occur until the property is sold. The value of the property will also come into play when the property is sold or changes hands. If the property goes into tax foreclosure with Washtenaw County then all liens disappear. The Village would therefore not be reimbursed for any costs liened to the property.

Please feel free to contact me prior to the meeting if you have any questions.

Thank you.

VILLAGE OF DEXTER - COMMUNITY DEVELOPMENT OFFICE
8140 Main Street • Dexter, Michigan 48130-1092 • (734) 426-8303 • Fax (734) 426-5614

Memorandum

To:	Village Council and President Keough Donna Dettling, Village Manager
From:	Allison Bishop, AICP, Community Development Manager
Re:	POLICY GUIDANCE REQUESTED Medical Marihuana Ordinance
Date:	September 13, 2010

On August 23, 2010 the Village Council passed a moratorium on the use of buildings and structure in the Village for the dispensing or cultivating of marihuana in the Village of Dexter.

On August 26, 2010 several Village officials met with the Dexter Alternative Care Clinic (Care Clinic) to discuss a potential medical marihuana facility in Dexter. At the meeting the Village was informed that a lease had already been signed at 3215 Central Street, former Dexter Chamber Building, within the Central Business District (CBD). The meeting was essentially an introduction to Dexter Alternative Care and what they would be doing within the clinic. The Village explained to the representatives of the Dexter Alternative Care Clinic that a moratorium was in place because the Village did not currently have regulations for medical marihuana uses.

On August 27, 2010 the Village issued a Cease and Desist letter to the Care Clinic citing that they failed to file appropriate zoning compliance and based on the information provided, medical clinic, that the use did not fit within the Central Business District.

On August 30, 2010 representatives from the Care Clinic came back to meet with the Village to explore what could be done to accommodate the Care Clinic given the signed lease. The Village explained to the Care Clinic that we were working through the details of the ordinance and nothing could be granted at this time. It was recommended that they write a letter to the Village explaining the use and how they meet the zoning ordinance.

On September 3, 2010 the Village received a letter from the Care Clinic's attorney stating that they are a pre existing non conforming use. The Village's attorney has recommended that a letter be drafted affirming the Village's legal position on the matter. It is my intent to give the attorney permission to move forward with a response letter. Please let staff know if Council concurs with this approach.

At the September 7, 2010 meeting the Planning Commission received information on the Village Council's request for input on the regulation of buildings and structures for the dispensing of medical marihuana following the Council's passing of the moratorium. The Planning Commission has requested additional policy guidance from the Village Council.

The information and memo provided to the Planning Commission is attached to this memo, along with the email from the Care Clinic's attorney.

ACTION REQUESTED

Please provide the Planning Commission with the policy direction that they need in order to proceed with an appropriate recommendation.

Policy Options:

1. Regulate – Allow dispensaries **and/or** cultivation/grow facilities
2. Do Nothing – Permit medical marihuana uses under current regulations, no additional provisions, or define as medical clinic, office or retail.
3. Prohibit – Prohibit all medical marihuana uses, including dispensaries **and/or** cultivation/grow facilities.

Please let staff know if the attorney should proceed with a response letter.

NEXT STEPS

Upon receipt of the policy direction from the Village Council the Planning Commission would like to conduct a work session with the Village Council and Village attorney to gain a better understanding of the law and potential ordinance options.

A work session has been set for Monday, September 20th at 7:30 pm at the Dexter Senior Center. The Village Attorney will be in attendance and the meeting will be posted. No decisions will be made at the work session. The work session is only being held for discussion and information gathering on the Medical Marihuana Act and potential ordinance.

Please feel free to contact me prior to the meeting if you have questions.

Thank you.

Allison Bishop

From: James Rasor [jbr@rasorlawfirm.com] – Dexter Alternative Care Clinic, Attorney
Sent: Friday, September 03, 2010 8:30 PM
To: Allison Bishop
Cc: mike.resnick@yahoo.com
Subject: Dexter Compassion Club

Dear Ms. Bishop,

It was my pleasure speaking with you this last Tuesday concerning my Client's facility in your CBD zone. As you know, we firmly believe that our Client's use is a permitted use in the CBD which was in existence prior to the enactment of the Village's moratorium and is therefore is not affected by the moratorium.

Indeed, the Village's choice to not regulate this use prior to our Client's occupancy resulted in this business establishing in this zone, in which "business and professional offices" such as "medical, dental and other similar offices" are permitted uses. Now, after the Client locates in this zone, the Village is considering that this may not be the optimal placement. However, this is after the Client became a pre-existing conforming use in the CBD zone, not before. This is the risk, as we discussed, of municipalities being slow to the table to regulate this use through zoning.

In reliance on the existing Village's Zoning Ordinance, and because there was no regulation, our Clients signed a lease and have and will continue to expend funds on this previously vacant property. They want to be a part of your vibrant business community, pay their landlord rent, and thereby guarantee the payment of property taxes to the municipality. They also want to be a part of providing necessary relief from pain and suffering for those whose physicians have decided that medical marijuana will help. These include those people in your community who suffer from cancer, hiv, and other serious, debilitating conditions.

Upon learning of their placement in your community, the Client received a curiously worded letter from you, which we discussed in some depth. The letter essentially indicates that because the Client's corporate name had the word "Clinic" in it when they opened; this somehow makes them only an allowed use in the C-1 zone, and not a permitted use in the CBD zone. This is not supported by the Village's Zoning Ordinance or Michigan law. Indeed, this novel reading of zoning ordinances would mean that no uses would be permitted in more than one zone.

The C-1 zone allows for:

B. Personal service, include barber shops and beauty salons; medical and dental clinics; self-service Laundromats; sale and repair shops for watches, shoes, radios, televisions and home electronics, bicycle repair, tailor shop and music studio.

But this doesn't forestall the uses permitted in the CBD zone, including:

F. Business and professional offices such as administrative, legal, architecture, engineering, insurance, real estate, accounting, medical, dental, and other similar offices.

Moreover, the Client's operation is fully compliant with Michigan Law, and consistent with the CBD

atmosphere. They have agreed to limit signage, hours, and addressed other issue with you. Remarkably, our Client has voluntarily respected your request for them to cease and desist. Obviously, however, cannot continue to pay rent on this facility and not have any use for it. Given that the building is compliant with the zoning, and that they are a pre-existing conforming use, we'd ask you to permit us to direct the Client to proceed with their business plan. If we are right in our arguments, each day our client is not able to proceed with their business plan is another day that their claim for damages against the Village grows.

Would you talk with your City Attorney and other decision makers and see if we can work towards removing these impasses and move forward with this lawful new tax- paying business which exists to help patients with debilitating conditions receive legal medicine in your CBD?

JIM RASOR , Attorney & Counselor
DIRECT DIAL: 248.703.1910, FAX: 248.543.9050
Rasor Law Firm is a full-service company helping people and small business solve problems in all areas of the law. We've helped thousands of Clients since 1990. We are here when you need us!

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VILLAGE OF DEXTER - COMMUNITY DEVELOPMENT OFFICE
8140 Main Street • Dexter, Michigan 48130-1092 • (734) 426-8303 • Fax (734) 426-5614

Memorandum PC memo

To: Planning Commission
Donna Dettling, Village Manager
From: Allison Bishop, AICP, Community Development Manager
Re: Medical Marihuana Ordinance
Date: September 7, 2010

COUNCIL REQUEST FOR ACTION

On August 23, 2010 the Village Council adopted the attached resolution imposing a temporary moratorium on the use of property and structures in the Village for dispensing or cultivating marihuana, attached. The moratorium is in effect for 120 days.

The resolution requests that the Planning Commission review available information and make a determination on how the Village should proceed with establishing the regulations for dispensing and cultivating marihuana as defined by the state law, attached.

BACKGROUND

On November 4, 2008 Michigan voters passed the use of medical marihuana by 63% statewide. Washtenaw County approved the results by 71%. Scio Township 70%. Webster Township 64%.

The power point presentation and FAQ from the Michigan Department of Community Health are included in your packet and sent via email has many of the general points of the law. The following is a brief synopsis of the main points of the law including, but not limited to; patients and care givers must be registered with the State of Michigan for a medical marihuana card, to be eligible for registration you must have a debilitating condition and a doctor's recommendation that use of medical marihuana will help your condition. A registered patient can cultivate up to 12 plants for themselves and be in possession of up to 2.5 ounces of marihuana, care providers may have 5 patients and cultivate up to 12 plants per patient. Marihuana must be kept in a closed and locked facility and consumption or medicating is not allowed in public places.

REVIEW

As discussed in July when the Planning Commission first reviewed information on medical marihuana there are several options for the Village, regulate, do nothing or prohibit. The Village Council has requested that the Planning Commission discuss and provide a recommendation to Council on the regulatory direction in the Village given the recent inquiries received by the Village to establish a dispensary location in Dexter. The Village options remain, prohibit it, regulate it or do nothing.

Do nothing – Medical Marihuana dispensaries and/or cultivate/grow facilities could be considered uses within currently established definitions and districts, such as medical clinic, medical offices and have no additional regulations outside of the provisions within the state law. Cultivation/grow activities may require an amendment to current zoning.

Regulate it – Through enabling legislation the Village can provide for the regulation of land. Medical Marihuana dispensaries and/or cultivation/grow facilities would be defined and regulated within the zoning ordinance. Communities have regulated everything from dispensaries to home occupations to cultivation/grow facilities or permitting only one or a combination of the uses.

Prohibit it – Communities such as Saline, Livonia, Troy and Lake Isabella have prohibited medical marihuana uses, most commonly stating that it is a violation of Federal Law. The ACLU (American Civil Liberties Union) is likely to challenge this as a violation of the State Law.

RECOMMENDATION

Based on the research that staff has completed and extensive communication with the Village attorney it is recommended that if the Village does not want to outright prohibit medical marihuana that zoning regulations be put in place to protect the health, safety and welfare of the Village of Dexter residents.

The goals in development of the ordinance are to protect the health, safety and welfare of the residents of the Village, comply with the intent of the law and to provide safe access to medical marihuana as intended by the Medical Marihuana Law of 2008.

The following is a list of items that should be considered in evaluating the next course of action. Also attached is a preliminary draft of a potential ordinance(s) that regulates and permits medical marihuana uses as a home occupation, as a use permitted within a TBD zoning district and permits for cultivation/grow facilities. Please note that in accordance with the law we cannot prohibit individuals from being a care provider within their home. Being a care provider allows them to cultivate marihuana for themselves or someone in their family, which permits them to have up to 12 plants for their personal use.

Article 2, Definitions –

1. Definitions for Medical Marihuana Dispensary have been created in accordance with the law. Dispensaries are the locations for the distribution of medical marihuana in accordance with the law.
2. Definition has been drafted to prepare for the allowance or prohibition of Marihuana Cultivation/Grow Facilities.
3. Definition has been drafted to provide for the regulation of Medical Marihuana Home Occupations in accordance with the law and to provide for the protection of the public's health, safety and welfare if someone chooses to use their home as a dispensary.

Article 3, Section 3.05 Home Occupation Regulations –

1. Additional home occupation regulations are proposed for medical marihuana in addition to those home occupation regulations currently existing. Specifically requiring necessary building, electrical, plumbing and mechanical permits to assure for the safe growth and cultivation of marihuana in a residential structure. Regulations also include lighting and chemical protections for adjacent property owners.
2. Requiring a permit through the Village assures that all home occupations are registered and in compliance with the established rules and procedures for home occupations.

Districts Regulations

Upon determining what district(s) in which a Dispensary and/or Cultivation Facility are a permitted use and/or special use, Articles and Sections would be added to the TBD.

The Village of Dexter currently has the following zoning districts, along with a short list of uses included, but not limited to, within the district:

1. R1B and R1A – Single Family
2. VR – Residential, single, double and multiple family, townhouses, rowhouses and apartments.
3. R-3 – Multiple Family
4. C-1 – General Business: Retail, personal service, including clinics, office, restaurants, theatres, clubs, schools, and financial institutions.
5. PB – Professional Business: Offices, financial institutions, theatres and professional studios.
6. VC – Village Commercial: Retail, personal service, restaurants, food sales, banks, offices, schools, community centers, and theatres.
7. CBD – Central Business District: Retail, personal service, restaurants, food sales, banks, offices, schools, community centers, and theatres.
8. I-1 - Limited Industrial: Research, assemble, manufacture, package, research, auto body.
9. RD – Research and Development: Research, manufacture, assemble, package, print, and testing.

RECOMMENDATION

A zoning map of the Village of Dexter is included in your packet. The map is intended to illustrate radii around a school building. There are several options for distance from schools shown in an effort to assist the Planning Commission with its recommendation, while not implementing a standard that completely prohibits a use from locating within the Village. The map, along with the Future Land Use Map and Existing Land Use Map from the Master Plan are also intended to assist the Planning Commission with the various zoning districts, compatible uses and long range planning within the Village.

Medical Marihuana Dispensaries

Based on the current zoning district uses, use compatibility and in accordance with the intent of the districts and the Master Plan the following districts could be considered for medical marihuana dispensaries in accordance with the law:

C-1: General Business

This district is intended to encourage planned and integrated groupings of retail, service, and administrative establishments which will retail convenience and comparison goods and provide personal and professional services for the entire Village and tributary area and to accommodate commercial establishments which cannot be practically provided in the Village commercial area, but can be integrated into the Village at a scale and intensity consistent with the small Midwest town character.

Uses within the district include, but are not limited to: retail, personal service, including clinics, offices, restaurants, theatres, clubs, schools and financial institutions.

OR

PB: Professional Business

The Professional Business District is intended for the offices of professionals and professional-type services. The uses in this district are generally lower impact uses than those found in the general commercial district in respect to the normal hours of operation and the amount of automobile trips generated. The PB District is also intended to provide a transition between commercial uses and residential uses. Professional Business Districts shall be located along an arterial street in order to service both local and through traffic.

Uses within the district include, offices, financial institutions, theatres and professional studios.

Medical Marihuana Cultivation/Grow Facilities

Based on the current zoning districts and use compatibility the following districts could be considered for medical marihuana cultivation/grow facilities in accordance with the law:

I-1: Light Industrial

This district is composed of those areas of the Village whose intended principal use is light manufacturing and other limited industrial uses. These uses generate a minimum of noise, glare, odor, dust, vibration, air and water pollutants, fire, explosive and radioactive hazards, and other harmful or obnoxious matter. This district has been located within the Village to permit the development of these industrial uses, to protect adjacent residential and commercial areas against the encroachment of incompatible uses, and to lessen congestion on public streets and highways. To these ends, certain uses which would function more effectively in other districts and would interfere with the operation of these industrial activities and the purpose of this district, have been excluded.

OR

RD: Research and Development

This district is has been established to promote and to protect the health, safety and welfare of the general public; designate, regulate, and restrict the location, purpose and use of buildings and all other research and development structures in Dexter and to protect the character and stability through promotion of orderly and beneficial development; to prevent overcrowding; to promote the most advantageous development and use of these lands; to provide for appropriate facility design in keeping with the character of the subdivision; and, to encourage and promote a healthy, stable local economy.

ADDITIONAL ORDINANCE LANGUAGE CONSIDERATIONS

The following is a list of items for consideration. The list includes regulations within the proposed ordinance, however warrant additional review. This list may not be all encompassing of regulations or additional items warranting consideration by the Planning Commission and Village Council.

1. Defining what medical marihuana and its dispensing and cultivating means. What is involved, cultivation, retail, compassion and/or private club.
2. Districts in which the use will be permitted based on compatible uses and the intent of the zoning districts.
3. Regulations for the use, such as distance from schools/other.
4. Special or permitted use.
5. Permitting and/or licensing, renewal annually or other time frame. (Example license from Walled Lake include for reference).
6. Landlord consent.
7. Requiring detailed records.
8. Maximum number of dispensaries permitted in the Village.
9. Require a monitored security system.
10. Prohibit the sale of paraphernalia at dispensaries.

11. Display notification that only those operators, employees, patients, parents or guardians of patients may be permitted to enter the dispensary.
12. Can dispensaries cultivate marihuana or should there be a separate district where cultivation is permitted. Maximum number of plants, or maximum number of plants per square foot. Maximum square footage for dispensaries and cultivation.
13. Revocation of permit language.
14. What is the violation, misdemeanor or civil infraction.

ACTION REQUESTED

Please be prepared to provide staff with some guidance on the direction that the Commission would like to recommend. The moratorium is in effect for 120 days from August 23, 2010. The goal will be to have something in place by December 21, 2010.

Options may include, but not be limited to:

1. Creation of a subcommittee to further evaluate or redraft an ordinance and prepare a recommendation to the entire Planning Commission. Subcommittee could include representatives from Planning Commission, Village Council, staff, others.
2 Continue to review the ordinance at regular Planning Commission meetings providing staff with necessary direction.

Please feel free to contact me prior to the meeting if you have any questions.

Proposed Medical Marihuana ordinance language

The following are amendments proposed to the Village of Dexter Zoning Ordinance, Article 2, Article 3 and Articles TBD (To Be Determined) based on the direction of the Planning Commission for the appropriate zoning district for Medical Marihuana pursuant to the Medical Marihuana Act of 2008.

Article 2. Definitions

Add:
Medical Marihuana Dispensary – means any store front, office building, or other structure or any type of mobile unit or entity that dispenses, facilitates, sells, or provides, in any manner, marihuana or cannabis or any product containing marihuana or cannabis to patients licensed by the State of Michigan and in compliance with the Medical Marihuana Act of 2008. Medical Marihuana Dispensary means a facility, including a membership club, compassion, or private club where primary caregivers who are legally registered by the MDCH may lawfully assist qualifying patients to whom the primary caregiver is connected through the state registration process and who are also legally registered by the MDCH with the medical use of marihuana in accordance with the Michigan Medical Marihuana Act (the "Act"), as amended. No retail sales of drug paraphernalia as defined by this ordinance are permitted at the Dispensary, except to patients and primary caregivers registered by the Michigan Department of Community Health (MDCH). No growing or cultivation is permitted at a Dispensary. A Dispensary shall not include or permit consumption of medical marihuana. A use which purports to have engaged in the medical use of marihuana prior to enactment of said Ordinance, shall be deemed to not be a legally established use, and therefore not entitled to legal nonconforming status under the provisions of this Ordinance and/or State Law.

Deleted: those

Deleted: No retail sales of drug paraphernalia as defined by this ordinance are permitted at the Dispensary, except to patients and their designees. No growing or cultivation is permitted at a Dispensary.

Deleted: Michigan Department of Community Health (

Deleted: either

Deleted: Act

Deleted: or after¶ enactment of said Act but without being legally registered by the MDCH,

Deleted: The facility shall not include or permit consumption of medical marihuana.

Add:
Medical Marihuana Cultivation/Grow Facility – means the cultivation of medical marihuana by a registered qualifying patient or registered primary caregiver as defined in the Michigan Medical Marihuana Act, in any facility, building or structure, other than a single family dwelling that is that person's primary residence. **(OR PROHIBIT CULTIVATION/GROW FACILITIES)**

Deleted: where registered primary caregivers as defined in the Medical Marihuana Act (MMMA) cultivates, plants, grows or manufactures marihuana or cannabis.

Add:
Medical Marihuana Home Occupation. Means the cultivation of medical marihuana by a registered primary caregiver as defined in Sec. 3 of the Act, MCL §333.26423(g), for compensation, within a single family dwelling that is the registered primary caregiver's primary residence and which cultivation is in conformity with the restrictions and regulations contained in the Act and in the State Regulations developed by the Michigan

Department of Community Health (MDCH). Medical Marihuana Home Use does not include any multi-family dwelling.

Article 3, Section 3.05. Home Occupations.

Amend:

1. A home occupation may be permitted in a single-family detached dwelling within a zoning district where such dwelling is permitted, subject to the following conditions.

(A) Application and approval of the home occupation is received from the Village of Dexter in accordance with this section.

(B) Certain uses by the nature of their operation have a pronounced tendency to increase in intensity beyond the limits permitted for home occupations, thereby impairing the reasonable use and value of surrounding residential properties. Therefore, the following uses shall not be permitted as home occupations: medical care services, mortuaries, funeral homes, tea rooms (café's & coffee houses), antique shops, restaurants, private clubs, veterinary clinics, animal grooming establishments, barbers shops or beauty parlors with more than one stylist, clinics or hospitals, commercial stables or kennels, real estate offices, restaurants, vehicle repair or painting shops, retail sales, landscape installation and maintenance businesses, snow removal businesses, construction contractors, trailer rentals, funeral homes, nursing homes, private clubs, adult regulated uses and repair shops in general. However, this section is not intended to prohibit offices related to the administration of construction contracting, landscaping, maintenance, or snow removal businesses. Note, this list does not include every use that is prohibited as a home occupation.

(C) The use of the dwelling unit for a home occupation shall be clearly incidental and subordinate to its use for residential purposes, and not more than one-quarter (25%) of the floor area of the dwelling unit may be used for the purposes of the home occupation or for storage purposes in conjunction with the home occupation.

(D) A home occupation shall be conducted completely within the principal structure. Deleted: B.

(E) There shall be no change in the outside appearance of the structure or premises, or other visible evidence of conduct of such home occupation, and there shall be no external or internal alterations not customary in residential areas including the expansion of off-street parking areas in excess of residential standards. Deleted: C. Deleted:

(F) No article shall be sold or offered for sale on the premises except such as is primarily produced within the dwelling. Deleted: D.

(G) A home occupation shall not create noise, dust, vibration, smell, smoke, glare, electrical interference, wireless communications interference, fire hazard, or any other hazard or nuisance to any greater or more frequent extent than would normally be generated in a similarly zoned residential district. Deleted: E.

(H) Signs not customarily found in residential areas shall be prohibited. However, one (1) non-illuminated name plate, not more than two (2) square feet in area, may be attached to the building, and which sign shall contain only the name, occupation, and address of the premises. Deleted: F.

(I) There shall be no deliveries to or from a home occupation with a vehicle larger than a 15,000-pound truck with not more than two (2) axles. Deleted: G.

(J) In no case shall a home occupation be open to the public earlier than 8:00 a.m., nor later than 7:00 p.m. Deleted: H.

(K) No outdoor display or storage of materials, goods, supplies, or equipment used in the home occupation shall be permitted on the premises. The home occupation shall not be visible from the street.

(L) Bed & Breakfast operations shall be permitted in Residential Districts as regulated in Section 8.11 of this Ordinance.

(M) A permitted home occupation shall only employ the resident of the dwelling and up to a total of two additional persons. The two additional employees may be either related or unrelated to the dwelling occupants. The total number of employees associated with the home occupation may not exceed a total of three persons per residential structure.

(N) No more than one other person shall be employed or involved with such activity on premises other than a member of the immediate family residing in the dwelling unit.

(O) Services and transactions shall be conducted by appointment only, walk-in retail trade shall be prohibited.

(2) Medical Marihuana Home Occupation. In addition to the requirements in Section 3.05(1), Medical marihuana home occupations shall be subject to the following requirements:

(A) The medical use of marihuana shall comply at all times and in all circumstances with the Michigan Medical Marihuana Act and the General Rules of the Michigan Department of Community Health, as they may be amended from time to time.

(B) All medical marihuana shall be contained within the main building in an enclosed, locked facility.

(C) All necessary building, electrical, plumbing and mechanical permits shall be obtained for any portion of the residential structure in which electrical wiring, lighting and/or watering devices that support the cultivation, growing or harvesting of marihuana are located.

(D) If a room with windows is utilized as a growing location, any lighting methods that exceed usual residential periods between the hours of 11pm and 7am shall employ shielding methods, without alteration to the exterior of the residence, to prevent ambient light spillage that may create a distraction for adjacent residential properties.

(E) That portion of the residential structure where energy usage and heat exceeds typical residential use, such as grow room, and the storage of any chemicals such as herbicides, pesticides, and fertilizers shall be subject to inspection and approval by the Fire Department to insure compliance with the Michigan Fire Protection Code.

Deleted: I. N

Deleted: K.

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Deleted: (2) A registered primary caregiver operating a medical marijuana home¶
occupation shall not be located within a 1,000 feet of a school, as measured¶
from the outermost boundaries of the lot or parcel on which the home¶
occupation and school is located.¶
(3) Not more than one (1) primary caregiver per parcel shall be permitted to grow¶
or cultivate medical marijuana.¶
(4) Not more than five (5) qualifying patients shall be assisted with the medical¶
use of marijuana within any given calendar week.¶

Deleted: ¶
(9) The premises shall be open for inspection upon request by the Building¶
Official the Fire Department

Deleted: and law enforcement officials

Deleted: for compliance¶
with all applicable laws and rules, during the stated hours of operation/use and¶
as such other times as anyone is present on the premises.

District Regulations – Planning Commission direction

Upon determining what district(s) in which a Dispensary and/or Cultivation Facility are a permitted use and/or special use, Articles and Sections would be added to the TBD.

Add:

Article TBD, Sec. TBD. Medical Marihuana Dispensary

The intent of the Zoning Ordinance is to regulate medical marihuana dispensaries by providing for regulations and fees in a manner that promotes and protects the public health, safety and welfare, mitigates potential impacts on surrounding properties and persons, and that conforms with the policies and requirements of the Michigan Medical Marihuana Act, MCL 333.26421, et seq (hereinafter "Act"). Nothing in this Chapter, or in any companion regulatory provision adopted in any other provision of this Code, is intended to grant, nor shall they be construed as granting, immunity from criminal prosecution for growing, sale, consumption, use, distribution, or possession of marihuana not in strict compliance with the Act or the General Rules,. Also, since Federal law is not affected by the Act or the General Rules, nothing in this Chapter, or in any companion regulatory provision adopted in any other provision of this Code, is intended to grant, nor shall they be construed as granting, immunity from criminal prosecution under Federal law. The Act does not protect users, caregivers or the owners of properties on which the medical use of marihuana is occurring from Federal Prosecution, or from having their property seized by Federal authorities under the Federal Control Substances Act.

The following Standards for Medical Marihuana Dispensaries shall apply:

(1) The medical use of marihuana shall comply at all times and in all circumstances with the Michigan Medical Marihuana Act and the General Rules of the Michigan Department of Community Health, as they may be amended from time to time;

(2) The dispensary site shall not be located within a _____ foot radius of a school building;

(3) The dispensary site shall not be located within five hundred (500) feet of a lawfully existing medical marihuana dispensary, as measured from the outermost boundaries of the subject lot or parcels;

(4) A maximum of _____ dispensaries will be permitted in the Village of Dexter.

(5) Smoking and/or use of medical marihuana shall be prohibited at the dispensary;

(6) Growing or cultivation of medical marihuana is prohibited;

(7) All activity related to the dispensary shall be done indoors;

(8) The facility shall not be permitted to have drive-thru facilities.

(9) No patients shall be allowed in the facility after hours.

(10) The facility shall open no earlier that 8:00 am and close no later than 8:00 pm.

(11) Parking requirements for a facility shall be consistent with the parking requirements for medical clinics.

(12) Security systems must be installed. Proof of system installation and ongoing monitoring is required.

(13) The premises shall be open for inspection upon request by the Building Official the Fire Department and law enforcement officials for compliance with all applicable laws and rules, during the stated hours of operation/use and as such other times as anyone is present on the premises.

(14) Inspections may be made by the Village Official's designee to confirm the dispensary is operating in accordance with applicable laws including, but not limited to, State Law and Village Ordinances;

Deleted: ¶

(15) Any medical marihuana dispensary shall not have exterior signage using the word "marihuana" and/or "marijuana" or any other word, phrase or picture commonly understood to refer to marihuana.

(16) Any medical marihuana dispensary shall maintain a log book and/or database identifying by date the amount of medical marihuana on the premises for each registered qualifying patient and or registered primary caregiver, keeping the qualifying patient and caregiver information confidential. This log shall be available to law enforcement personnel to confirm that the medical marihuana dispensary does not have more medical marihuana than authorized at the location and shall not be used to disclose more information than is reasonably necessary to verify the lawful amount of medical marihuana at the facility. The facility shall maintain the confidentiality of qualifying patients and caregivers in compliance with the Michigan Medical Marihuana Act, as amended.

(17) If the dispensary ceases operation for a length of time of sixty (60) days or greater, the permit shall expire;

(18) All medical marihuana shall be contained within the main building in an enclosed, locked facility;

(19) No person shall own or operate a medical marihuana facility in the Village without first applying for and receiving a license from the Village.

(20) Licenses are non transferrable and shall only apply to the person listed on the license.

(21) Licenses shall be valid for a period of one year.

(22) Application for a Medical Marihuana Dispensary License shall be made to the Village upon application forms provided by the Village for Medical Marihuana Dispensary License and signed by the applicant verifying the truth and accuracy of all information and representations in the application. Applications including information and documentation provided pursuant to an application shall be subject to the confidentiality rules under the Act. In addition to information and submittals, the application shall include payment of application fee in an amount set by the Village Council;

(23) The sheriffs department shall review the proposed application to operate a dispensary regarding public health, safety, and welfare concerns of the proposal;

(24) Revocation of Permit; Appeal: Permits issued pursuant to this section may be revoked by the Village upon finding based upon competent, material and substantial evidence of the following clauses:

a. Any fraud, misrepresentation or false statement contained in the application or in connection with the services and/or merchandise;
b. Any violation of this section;
c. Conviction by the permittee of any felony; or

d. Conducting the business in an unlawful manner or in such a manner as to constitute breach of the peace.

e. Notice of revocation of permit shall be given in writing, setting forth specifically the grounds for the revocation; such notice shall be mailed to the permittee at the address provided in the application. Any permittee whose permit has been revoked as herein provided shall have the right to appeal the revocation to the Village Council at a public hearing. Village Council shall submit to the applicant a written statement of its findings and determinations. The Council's determination shall be based upon competent, material and substantial evidence showing failure to comply with the requirements.

(25) Any person who violates any provision of this article shall be responsible for violations as set forth in Article 22, Section 22.09.

Add:
Article TBD, Section TBD. Medical Marihuana Cultivation/Grow Facility

Any Medical Marihuana Cultivation/Grow operation, in additional to the requirements of medical marihuana dispensary requirements shall comply with the following requirements:

(1) Dispensing is not permitted from a cultivation/grow facility or operation.
(2) The grow operation shall be in compliance with Fire Protection Code.
(3) The grow operation shall receive OSHA/MIOSHA certifications regarding the safety of environment for facility caregivers.
(4) The grow operation shall obtain Michigan Department of Natural Resources and Environment and Village of Dexter approval regarding the discharge of growing by-products into the Village sewer system. Additional/supplemental on-site waste water processing may be required.
(5) The following shall be prohibited:

a. Storage of toxic, flammable, or hazardous materials.
b. Discharge of any toxic, flammable or hazardous materials into the Village sewer system.
c. No residential uses within the same building/structure;
d. No outdoor storage;
e. No minors in the facility without a parent and/or guardian.

(6) The cultivation/grow operation shall open no earlier than 8:00 am and close no later than 8:00 pm, except staff may be at the operation necessary to attend the grow operation.
(7) The parking requirements for a grow operation shall be consistent with the parking requirements for manufacturing facilities.
(8) Security systems must be installed. Proof of system installation and ongoing monitoring is required.
(9) A waste disposal plan shall be included with all applications for a grow operation detailing plan for chemical disposal and plans for plant waste disposal.

ADDITIONAL NECESSARY AMENDMENTS

Article TBD, Sec. TBD. Permitted/Special Uses (in the _____ District).
Add:
(TBD) Medical Marihuana Dispensary, subject to the specific provisions in section TBD.

Article, Sec. TBD. Permitted/Special Uses (in the _____ District).
Add:
(TBD) Medical Marihuana Dispensary, subject to the specific provisions in section TBD.

Article, Sec. TBD. Permitted/Special Uses (in the _____ District).
Add:
(TBD). Medical Marihuana Cultivation Facility, subject to the specific provisions in section TBD.

RESOLUTION TO IMPOSE A TEMPORARY MORATORIUM ON THE USE OF PROPERTY AND STRUCTURES IN THE VILLAGE FOR DISPENSING OR CULTIVATING MARIHUANA

Village of Dexter
County of Washtenaw
State of Michigan

Minutes of a regular meeting of the Village Council of the Village of Dexter, County of Washtenaw, State of Michigan, held on the 23rd day of August, 2010, Eastern Daylight Time.

PRESENT: Members: Carson, Cousins, Fisher, Tell, Semifero, Smith and Keough

ABSENT: Members: None

The following preamble and resolution were offered by Member Semifero and supported by Member Fisher:

WHEREAS, the Village Council of the Village of Dexter, County of Washtenaw, State of Michigan (the "Village"), has received inquiries concerning the use of property and structures in the Village for use as facilities for dispensing medical marihuana and/or cultivating medical marihuana plants; and

WHEREAS, the Village of Dexter's Zoning Ordinance does not specifically provide for properties or structures to be used as facilities for dispensing marihuana or cultivating medical marihuana plants for medical or any other purposes, and this use was not envisioned when the zoning ordinance was adopted;

WHEREAS, the Village of Dexter Master Plan adopted on April 11, 2005 and amended on October 23, 2006, does not expressly address whether and/or where to allow facilities for dispensing marihuana and/or cultivating marihuana plants;

WHERAS, the Michigan Medical Marihuana Act ("the Act") permits registered qualifying patients and primary caregivers to possess specific amounts of marihuana and to cultivate a specific number of plants, but the Act does not specifically provide for facilities for dispensing medical marihuana and/or cultivating medical marihuana plants;

WHEREAS, the federal law contains no provisions for the dispensation or cultivation of marihuana for medical or any other purposes;

WHEREAS, it is unclear whether any state and/or federal regulations that apply to entities that dispense controlled substances, for the benefit of the public health, safety, and welfare, would apply to facilities where marihuana is dispensed or where marihuana

is cultivated;

WHEREAS, therefore, federal, state, and local laws lack clarity as to whether such facilities might be allowed and, if allowed, where they might be located that is conducive to the public health, safety and welfare of the Village;

WHEREAS, the issue of allowing or disallowing facilities for dispensing or cultivating of marihuana may be settled by the state Legislature;

WHEREAS, the Village desires to ascertain the best and safest path to compliance with the Michigan Medical Marihuana Act, MCL 333.26423(d) in order to protect the public health, safety and welfare;

WHEREAS, Village Council has determined that it is necessary to amend the Village Code to address this issue and is directing staff and the Planning Commission to study, and make specific recommendations to amend the Village Code regarding such facilities; and

WHEREAS, it is therefore prudent to immediately forbid use of all property and structures in the Village of Dexter as facilities for dispensing and/or cultivating plants for medical marihuana or any other purpose for a limited period of time until the Village Code can be amended to address such facilities;

RESOLVED, that Village Council hereby imposes a temporary moratorium prohibiting the initiation of the use of any property in the Village as a facility for dispensing marihuana for medical and any other purpose and for cultivating marihuana plants, and that any zoning compliance permits or building permits for such uses be deferred for a period of 120 days from the date of this resolution, in conjunction with the study and revision of the Village Zoning Ordinance or other ordinances regarding this issue;

RESOLVED, that this moratorium does not apply to the following:

- A dwelling unit (as defined by the Zoning Ordinance) where a qualifying patient under the Act resides and is cultivating up to the maximum number of marijuana plants permitted by the Act for personal use or possesses up to the maximum amount of marihuana permitted by the Act for personal use.

- A building or structure (as defined by the Zoning Ordinance) other than a dwelling unit where no more than one qualifying patient under the Act is cultivating up to the maximum number of marijuana plants permitted by the Act for personal use or possesses up to the maximum amount of marihuana permitted by the Act for personal use.

- A dwelling unit or other building or structure where no more than one primary caregiver under the Act is cultivating up to the

maximum number of marihuana plants permitted by the Act for assisting a qualifying patient or possesses up to the maximum amount of marijuana permitted by the Act for assisting a qualifying patient.

RESOLVED, that Village Council directs staff and the Planning Commission to study and make specific recommendations for ordinance amendments regarding the issue of facilities for dispensing marihuana and/or cultivating plants for medical or any other purposes.

RESOLVED, that the moratorium imposed by this resolution shall expire the earlier of 120 days from its effective date or upon adoption by Village Council of ordinance amendments regarding the issue of facilities for dispensing marihuana and/or cultivating plants for medical or any other purposes.

AYES: Semifero, Carson, Fisher, Tell, Smith, Cousins and Keough

NAYS: None

RESOLUTION DECLARED ADOPTED THIS 23rd DAY OF AUGUST, 2010

_____

Village President

I hereby certify that the attached is a true and complete copy of a resolution adopted by the Village Council of the Village of Dexter, County of Washtenaw, State of Michigan, at a regular meeting held on the 23rd day of August, 2010.

_____

Village Clerk

MICHIGAN MEDICAL MARIHUANA ACT
Initiated Law 1 of 2008

AN INITIATION of Legislation to allow under state law the medical use of marihuana; to provide protections for the medical use of marihuana; to provide for a system of registry identification cards for qualifying patients and primary caregivers; to impose a fee for registry application and renewal; to provide for the promulgation of rules; to provide for the administration of this act; to provide for enforcement of this act; to provide for affirmative defenses; and to provide for penalties for violations of this act.

History: 2008, Initiated Law 1, Eff. Dec. 4, 2008.

The People of the State of Michigan enact:

333.26421 Short title.

1. Short Title.

Sec. 1. This act shall be known and may be cited as the Michigan Medical Marihuana Act.

History: 2008, Initiated Law 1, Eff. Dec. 4, 2008.

Compiler's note: MCL 333.26430 of Initiated Law 1 of 2008 provides:
10. Severability.
Sec. 10. Any section of this act being held invalid as to any person or circumstances shall not affect the application of any other section of this act that can be given full effect without the invalid section or application.

333.26422 Findings, declaration.

2. Findings.

Sec. 2. The people of the State of Michigan find and declare that:

(a) Modern medical research, including as found by the National Academy of Sciences' Institute of Medicine in a March 1999 report, has discovered beneficial uses for marihuana in treating or alleviating the pain, nausea, and other symptoms associated with a variety of debilitating medical conditions.

(b) Data from the Federal Bureau of Investigation Uniform Crime Reports and the Compendium of Federal Justice Statistics show that approximately 99 out of every 100 marihuana arrests in the United States are made under state law, rather than under federal law. Consequently, changing state law will have the practical effect of protecting from arrest the vast majority of seriously ill people who have a medical need to use marihuana.

(c) Although federal law currently prohibits any use of marihuana except under very limited circumstances, states are not required to enforce federal law or prosecute people for engaging in activities prohibited by federal law. The laws of Alaska, California, Colorado, Hawaii, Maine, Montana, Nevada, New Mexico, Oregon, Vermont, Rhode Island, and Washington do not penalize the medical use and cultivation of marihuana. Michigan joins in this effort for the health and welfare of its citizens.

History: 2008, Initiated Law 1, Eff. Dec. 4, 2008.

Compiler's note: MCL 333.26430 of Initiated Law 1 of 2008 provides:
10. Severability.
Sec. 10. Any section of this act being held invalid as to any person or circumstances shall not affect the application of any other section of this act that can be given full effect without the invalid section or application.

333.26423 Definitions.

3. Definitions.

Sec. 3. As used in this act:

(a) "Debilitating medical condition" means 1 or more of the following:

(1) Cancer, glaucoma, positive status for human immunodeficiency virus, acquired immune deficiency syndrome, hepatitis C, amyotrophic lateral sclerosis, Crohn's disease, agitation of Alzheimer's disease, nail patella, or the treatment of these conditions.

(2) A chronic or debilitating disease or medical condition or its treatment that produces 1 or more of the following: cachexia or wasting syndrome; severe and chronic pain; severe nausea; seizures, including but not limited to those characteristic of epilepsy; or severe and persistent muscle spasms, including but not limited to those characteristic of multiple sclerosis.

(3) Any other medical condition or its treatment approved by the department, as provided for in section 5(a).

(b) "Department" means the state department of community health.

(c) "Enclosed, locked facility" means a closet, room, or other enclosed area equipped with locks or other security devices that permit access only by a registered primary caregiver or registered qualifying patient.

(d) "Marihuana" means that term as defined in section 7106 of the public health code, 1978 PA 368, MCL

333.7106.

(e) "Medical use" means the acquisition, possession, cultivation, manufacture, use, internal possession, delivery, transfer, or transportation of marihuana or paraphernalia relating to the administration of marihuana to treat or alleviate a registered qualifying patient's debilitating medical condition or symptoms associated with the debilitating medical condition.

(f) "Physician" means an individual licensed as a physician under Part 170 of the public health code, 1978 PA 368, MCL 333.17001 to 333.17084, or an osteopathic physician under Part 175 of the public health code, 1978 PA 368, MCL 333.17501 to 333.17556.

(g) "Primary caregiver" means a person who is at least 21 years old and who has agreed to assist with a patient's medical use of marihuana and who has never been convicted of a felony involving illegal drugs.

(h) "Qualifying patient" means a person who has been diagnosed by a physician as having a debilitating medical condition.

(i) "Registry identification card" means a document issued by the department that identifies a person as a registered qualifying patient or registered primary caregiver.

(j) "Usable marihuana" means the dried leaves and flowers of the marihuana plant, and any mixture or preparation thereof, but does not include the seeds, stalks, and roots of the plant.

(k) "Visiting qualifying patient" means a patient who is not a resident of this state or who has been a resident of this state for less than 30 days.

(l) "Written certification" means a document signed by a physician, stating the patient's debilitating medical condition and stating that, in the physician's professional opinion, the patient is likely to receive therapeutic or palliative benefit from the medical use of marihuana to treat or alleviate the patient's debilitating medical condition or symptoms associated with the debilitating medical condition.

History: 2008, Initiated Law 1, Eff. Dec. 4, 2008.

Compiler's note: MCL 333.26430 of Initiated Law 1 of 2008 provides:

10. Severability.

Sec. 10. Any section of this act being held invalid as to any person or circumstances shall not affect the application of any other section of this act that can be given full effect without the invalid section or application.

333.26424 Qualifying patient or primary caregiver; arrest, prosecution, or penalty prohibited; conditions; presumption; compensation; physician subject to arrest, prosecution, or penalty prohibited; marihuana paraphernalia; person in presence or vicinity to medical use of marihuana; registry identification issued outside of department; sale of marihuana as felony; penalty.

4. Protections for the Medical Use of Marihuana.

4. Protections for the Medical Use of Marihuana.

Sec. 4. (a) A qualifying patient who has been issued and possesses a registry identification card shall not be subject to arrest, prosecution, or penalty in any manner, or denied any right or privilege, including but not limited to civil penalty or disciplinary action by a business or occupational or professional licensing board or bureau, for the medical use of marihuana in accordance with this act, provided that the qualifying patient possesses an amount of marihuana that does not exceed 2.5 ounces of usable marihuana, and, if the qualifying patient has not specified that a primary caregiver will be allowed under state law to cultivate marihuana for the qualifying patient, 12 marihuana plauts kept in an enclosed, locked facility. Any incidental amount of seeds, stalks, and unusable roots shall also be allowed under state law and shall not be included in this amount.

(b) A primary caregiver who has been issued and possesses a registry identification card shall not be subject to arrest, prosecution, or penalty in any manner, or denied any right or privilege, including but not limited to civil penalty or disciplinary action by a business or occupational or professional licensing board or bureau, for assisting a qualifying patient to whom he or she is connected through the department's registration process with the medical use of marihuana in accordance with this act, provided that the primary caregiver possesses an amount of marihuana that does not exceed:

(1) 2.5 ounces of usable marihuana for each qualifying patient to whom he or she is connected through the department's registration process; and

(2) for each registered qualifying patient who has specified that the primary caregiver will be allowed under state law to cultivate marihuana for the qualifying patient, 12 marihuana plants kept in an enclosed, locked facility; and

(3) any incidental amount of seeds, stalks, and unusable roots.

(c) A person shall not be denied custody or visitation of a minor for acting in accordance with this act, unless the person's behavior is such that it creates an unreasonable danger to the minor that can be clearly

articulated and substantiated.

(d) There shall be a presumption that a qualifying patient or primary caregiver is engaged in the medical use of marihuana in accordance with this act if the qualifying patient or primary caregiver:

(1) is in possession of a registry identification card; and

(2) is in possession of an amount of marihuana that does not exceed the amount allowed under this act. The presumption may be rebutted by evidence that conduct related to marihuana was not for the purpose of alleviating the qualifying patient's debilitating medical condition or symptoms associated with the debilitating medical condition, in accordance with this act.

(e) A registered primary caregiver may receive compensation for costs associated with assisting a registered qualifying patient in the medical use of marihuana. Any such compensation shall not constitute the sale of controlled substances.

(f) A physician shall not be subject to arrest, prosecution, or penalty in any manner, or denied any right or privilege, including but not limited to civil penalty or disciplinary action by the Michigan board of medicine, the Michigan board of osteopathic medicine and surgery, or any other business or occupational or professional licensing board or bureau, solely for providing written certifications, in the course of a bona fide physician-patient relationship and after the physician has completed a full assessment of the qualifying patient's medical history, or for otherwise stating that, in the physician's professional opinion, a patient is likely to receive therapeutic or palliative benefit from the medical use of marihuana to treat or alleviate the patient's serious or debilitating medical condition or symptoms associated with the serious or debilitating medical condition, provided that nothing shall prevent a professional licensing board from sanctioning a physician for failing to properly evaluate a patient's medical condition or otherwise violating the standard of care for evaluating medical conditions.

(g) A person shall not be subject to arrest, prosecution, or penalty in any manner, or denied any right or privilege, including but not limited to civil penalty or disciplinary action by a business or occupational or professional licensing board or bureau, for providing a registered qualifying patient or a registered primary caregiver with marihuana paraphernalia for purposes of a qualifying patient's medical use of marihuana.

(h) Any marihuana, marihuana paraphernalia, or licit property that is possessed, owned, or used in connection with the medical use of marihuana, as allowed under this act, or acts incidental to such use, shall not be seized or forfeited.

(i) A person shall not be subject to arrest, prosecution, or penalty in any manner, or denied any right or privilege, including but not limited to civil penalty or disciplinary action by a business or occupational or professional licensing board or bureau, solely for being in the presence or vicinity of the medical use of marihuana in accordance with this act, or for assisting a registered qualifying patient with using or administering marihuana.

(j) A registry identification card, or its equivalent, that is issued under the laws of another state, district, territory, commonwealth, or insular possession of the United States that allows the medical use of marihuana by a visiting qualifying patient, or to allow a person to assist with a visiting qualifying patient's medical use of marihuana, shall have the same force and effect as a registry identification card issued by the department.

(k) Any registered qualifying patient or registered primary caregiver who sells marihuana to someone who is not allowed to use marihuana for medical purposes under this act shall have his or her registry identification card revoked and is guilty of a felony punishable by imprisonment for not more than 2 years or a fine of not more than $2,000.00, or both, in addition to any other penalties for the distribution of marihuana.

History: 2008, Initiated Law 1, Eff. Dec. 4, 2008.

Compiler's note: MCL 333.26430 of Initiated Law 1 of 2008 provides:

10. Severability.

Sec. 10. Any section of this act being held invalid as to any person or circumstances shall not affect the application of any other section of this act that can be given full effect without the invalid section or application.

333.26425 Rules.

5. Department to Promulgate Rules.

Sec. 5. (a) Not later than 120 days after the effective date of this act, the department shall promulgate rules pursuant to the administrative procedures act of 1969, 1969 PA 306, MCL 24.201 to 24.328, that govern the manner in which the department shall consider the addition of medical conditions or treatments to the list of debilitating medical conditions set forth in section 3(a) of this act. In promulgating rules, the department shall allow for petition by the public to include additional medical conditions and treatments. In considering such petitions, the department shall include public notice of, and an opportunity to comment in a public hearing upon, such petitions. The department shall, after hearing, approve or deny such petitions within 180 days of the submission of the petition. The approval or denial of such a petition shall be considered a final department

action, subject to judicial review pursuant to the administrative procedures act of 1969, 1969 PA 306, MCL 24.201 to 24.328. Jurisdiction and venue for judicial review are vested in the circuit court for the county of Ingham.

(b) Not later than 120 days after the effective date of this act, the department shall promulgate rules pursuant to the administrative procedures act of 1969, 1969 PA 306, MCL 24.201 to 24.328, that govern the manner in which it shall consider applications for and renewals of registry identification cards for qualifying patients and primary caregivers. The department's rules shall establish application and renewal fees that generate revenues sufficient to offset all expenses of implementing and administering this act. The department may establish a sliding scale of application and renewal fees based upon a qualifying patient's family income. The department may accept gifts, grants, and other donations from private sources in order to reduce the application and renewal fees.

History: 2008, Initiated Law 1, Eff. Dec. 4, 2008.

Compiler's note: MCL 333.26430 of Initiated Law 1 of 2008 provides:

10. Severability.

Sec. 10. Any section of this act being held invalid as to any person or circumstances shall not affect the application of any other section of this act that can be given full effect without the invalid section or application.

333.26426 Administration and enforcement of rules by department.

6. Administering the Department's Rules.

Sec. 6. (a) The department shall issue registry identification cards to qualifying patients who submit the following, in accordance with the department's rules:

(1) A written certification;

(2) Application or renewal fee;

(3) Name, address, and date of birth of the qualifying patient, except that if the applicant is homeless, no address is required;

(4) Name, address, and telephone number of the qualifying patient's physician;

(5) Name, address, and date of birth of the qualifying patient's primary caregiver, if any; and

(6) If the qualifying patient designates a primary caregiver, a designation as to whether the qualifying patient or primary caregiver will be allowed under state law to possess marihuana plants for the qualifying patient's medical use.

(b) The department shall not issue a registry identification card to a qualifying patient who is under the age of 18 unless:

(1) The qualifying patient's physician has explained the potential risks and benefits of the medical use of marihuana to the qualifying patient and to his or her parent or legal guardian;

(2) The qualifying patient's parent or legal guardian submits a written certification from 2 physicians; and

(3) The qualifying patient's parent or legal guardian consents in writing to:

(A) Allow the qualifying patient's medical use of marihuana;

(B) Serve as the qualifying patient's primary caregiver; and

(C) Control the acquisition of the marihuana, the dosage, and the frequency of the medical use of marihuana by the qualifying patient.

(c) The department shall verify the information contained in an application or renewal submitted pursuant to this section, and shall approve or deny an application or renewal within 15 days of receiving it. The department may deny an application or renewal only if the applicant did not provide the information required pursuant to this section, or if the department determines that the information provided was falsified. Rejection of an application or renewal is considered a final department action, subject to judicial review. Jurisdiction and venue for judicial review are vested in the circuit court for the county of Ingham.

(d) The department shall issue a registry identification card to the primary caregiver, if any, who is named in a qualifying patient's approved application; provided that each qualifying patient can have no more than 1 primary caregiver, and a primary caregiver may assist no more than 5 qualifying patients with their medical use of marihuana.

(e) The department shall issue registry identification cards within 5 days of approving an application or renewal, which shall expire 1 year after the date of issuance. Registry identification cards shall contain all of the following:

(1) Name, address, and date of birth of the qualifying patient.

(2) Name, address, and date of birth of the primary caregiver, if any, of the qualifying patient.

(3) The date of issuance and expiration date of the registry identification card.

(4) A random identification number.

(5) A photograph, if the department requires 1 by rule.

(6) A clear designation showing whether the primary caregiver or the qualifying patient will be allowed under state law to possess the marihuana plants for the qualifying patient's medical use, which shall be determined based solely on the qualifying patient's preference.

(f) If a registered qualifying patient's certifying physician notifies the department in writing that the patient has ceased to suffer from a debilitating medical condition, the card shall become null and void upon notification by the department to the patient.

(g) Possession of, or application for, a registry identification card shall not constitute probable cause or reasonable suspicion, nor shall it be used to support the search of the person or property of the person possessing or applying for the registry identification card, or otherwise subject the person or property of the person to inspection by any local, county or state governmental agency.

(h) The following confidentiality rules shall apply:

(1) Applications and supporting information submitted by qualifying patients, including information regarding their primary caregivers and physicians, are confidential.

(2) The department shall maintain a confideutial list of the persons to whom the department has issued registry identification cards. Individual names and other identifying information on the list is confidential and is exempt from disclosure under the freedom of information act, 1976 PA 442, MCL 15.231 to 15.246.

(3) The department shall verify to law enforcement personnel whether a registry identification card is valid, without disclosing more information than is reasonably necessary to verify the authenticity of the registry identification card.

(4) A person, including an employee or official of the department or another state agency or local unit of government, who discloses confidential information in violation of this act is guilty of a misdemeanor, punishable by imprisonment for not more than 6 months, or a fine of not more thau $1, 000.00, or both. Notwithstanding this provision, department employees may notify law enforcement about falsified or fraudulent information submitted to the department.

(i) The department shall submit to the legislature an annual report that does not disclose any identifying information about qualifying patients, primary caregivers, or physicians, but does contain, at a minimum, all of the following information:

(1) The number of applications filed for registry identification cards.

(2) The number of qualifying patients and primary caregivers approved iu each county.

(3) The nature of the debilitating medical conditions of the qualifying patients.

(4) The number of registry identification cards revoked.

(5) The number of physicians providing written certifications for qualifying patients.

History: 2008, Initiated Law 1, Eff. Dec. 4, 2008.

Compiler's note: MCL 333.26430 of Initiated Law 1 of 2008 provides:

10. Severability.

Sec. 10. Any section of this act being held invalid as to any person or circumstances shall not affect the application of any other section of this act that can be given full effect without the invalid section or application.

In subsection (h)(4), the dollar amount "$1, 000.00" contains a space between the comma and first zero, and evidently should read "$1,000.00".

333.26427 Scope of act; limitations.

7. Scope of Act.

Sec. 7. (a) The medical use of marihuana is allowed under state law to the extent that it is carried out in accordance with the provisions of this act.

(b) This act shall not permit any person to do any of the following:

(1) Undertake any task under the influence of marihuana, when doing so would constitute negligence or professional malpractice.

(2) Possess marihuana, or otherwise engage in the medical use of marihuana:

(A) in a school bus;

(B) on the grounds of any preschool or primary or secondary school; or

(C) in any correctional facility.

(3) Smoke marihuana:

(A) on any form of public transportation; or

(B) in any public place.

(4) Operate, navigate, or be in actual physical control of any motor vehicle, aircraft, or motorboat while under the influence of marihuana.

(5) Use marihuana if that person does not have a serious or debilitating medical condition.

(c) Nothing in this act shall be construed to require:

(1) A government medical assistance program or commercial or non-profit health insurer to reimburse a

person for costs associated with the medical use of marihuana.

(2) An employer to accommodate the ingestion of marihuana in any workplace or any employee working while under the influence of marihuana.

(d) Fraudulent representation to a law enforcement official of any fact or circumstance relating to the medical use of marihuana to avoid arrest or prosecution shall be punishable by a fine of $500.00, which shall be in addition to any other penalties that may apply for making a false statement or for the use of marihuana other than use undertaken pursuant to this act.

(e) All other acts and parts of acts inconsistent with this act do not apply to the medical use of marihuana as provided for by this act.

History: 2008, Initiated Law 1, Eff. Dec. 4, 2008.

Compiler's note: MCL 333.26430 of Initiated Law 1 of 2008 provides:

10. Severability.

Sec. 10. Any section of this act being held invalid as to any person or circumstances shall not affect the application of any other section of this act that can be given full effect without the invalid section or application.

333.26428 Defenses.

8. Affirmative Defense and Dismissal for Medical Marihuana.

Sec. 8. (a) Except as provided in section 7, a patient and a patient's primary caregiver, if any, may assert the medical purpose for using marihuana as a defense to any prosecution involving marihuana, and this defense shall be presumed valid where the evidence shows that:

(1) A physician has stated that, in the physician's professional opinion, after having completed a full assessment of the patient's medical history and current medical condition made in the course of a bona fide physician-patient relationship, the patient is likely to receive therapeutic or palliative benefit from the medical use of marihuana to treat or alleviate the patient's serious or debilitating medical condition or symptoms of the patient's serious or debilitating medical condition;

(2) The patient and the patient's primary caregiver, if any, were collectively in possession of a quantity of marihuana that was not more than was reasonably necessary to ensure the uninterrupted availability of marihuana for the purpose of treating or alleviating the patient's serious or debilitating medical condition or symptoms of the patient's serious or debilitating medical condition; and

(3) The patient and the patient's primary caregiver, if any, were engaged in the acquisition, possession, cultivation, manufacture, use, delivery, transfer, or transportation of marihuana or paraphernalia relating to the use of marihuana to treat or alleviate the patient's serious or debilitating medical condition or symptoms of the patient's serious or debilitating medical condition.

(b) A person may assert the medical purpose for using marihuana in a motion to dismiss, and the charges shall be dismissed following an evidentiary hearing where the person shows the elements listed in subsection (a).

(c) If a patient or a patient's primary caregiver demonstrates the patient's medical purpose for using marihuana pursuant to this section, the patient and the patient's primary caregiver shall not be subject to the following for the patient's medical use of marihuana:

(1) disciplinary action by a business or occupational or professional licensing board or bureau; or

(2) forfeiture of any interest in or right to property.

History: 2008, Initiated Law 1, Eff. Dec. 4, 2008.

Compiler's note: MCL 333.26430 of Initiated Law 1 of 2008 provides:

10. Severability.

Sec. 10. Any section of this act being held invalid as to any person or circumstances shall not affect the application of any other section of this act that can be given full effect without the invalid section or application.

333.26429 Failure of department to adopt rules or issue valid registry identification card.

9. Enforcement of this Act.

Sec. 9. (a) If the department fails to adopt rules to implement this act within 120 days of the effective date of this act, a qualifying patient may commence an action in the circuit court for the county of Ingham to compel the department to perform the actions mandated pursuant to the provisions of this act.

(b) If the department fails to issue a valid registry identification card in response to a valid application or renewal submitted pursuant to this act within 20 days of its submission, the registry identification card shall be deemed granted, and a copy of the registry identification application or renewal shall be deemed a valid registry identification card.

(c) If at any time after the 140 days following the effective date of this act the department is not accepting applications, including if it has not created rules allowing qualifying patients to submit applications, a notarized statement hy a qualifying patient containing the information required in an application, pursuant to

section 6(a)(3)-(6) together with a written certification, shall be deemed a valid registry identification card.

History: 2008, Initiated Law 1, Eff. Dec. 4, 2008.

Compiler's note: MCL 333.26430 of Initiated Law 1 of 2008 provides:

10. Severability.

Sec. 10. Any section of this act being held invalid as to any person or circumstances shall not affect the application of any other section of this act that can be given full effect without the invalid section or application.

333.26430 Severabilty.

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Sec. 10. Any section of this act being held invalid as to any person or circumstances shall not affect the application of any other section of this act that can be given full effect without the invalid section or application.

History: 2008, Initiated Law 1, Eff. Dec. 4, 2008.

Compiler's note: MCL 333.26430 of Initiated Law 1 of 2008 provides:

10. Severability.

Sec. 10. Any section of this act being held invalid as to any person or circumstances shall not affect the application of any other section of this act that can be given full effect without the invalid section or application.

Update: Michigan's Medical Marihuana Act

Presented by:
Kenneth Stecker
PAAM

Celeste Clarkson
MDCH/Medical Marihuana Registry Program

Michigan Medical Marihuana Act

Federal Law

Traffic Deaths Involving Drugs

In Michigan, traffic deaths involving drugs

Current Law

Marihuana Potency

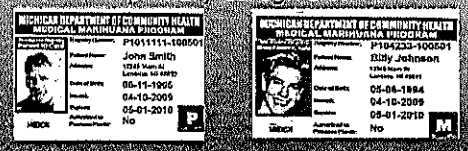
Ballot Proposal #1 of 2008

Michigan's Medical Marihuana Act

Registry Statistics

Identification Card System

MDCH has established an identification card system for patients qualified to use Marihuana and individuals qualified to be primary caregivers.



2 Options Under the Act

1. Formal Registry Identification Card Program.

Purpose of Registry

- To provide a registry system for individuals who meet the definition of a qualified patient to use marihuana for medical purposes.

Application Process for the Registry ID Card

- As of April 4, 2009, an applicant submits a MDCH

Registry Cards

QUALIFYING PATIENT:

Confidentiality of the Card

- MDCH keeps a confidential list of the

Certain Specific Debilitating Medical Conditions

- Cancer

Registry Cards

PRIMARY CAREGIVER

Qualifying Patient

A person who has been diagnosed by a physician as having a debilitating medical condition

Covered Debilitating Medical Conditions

- Cachexia or wasting syndrome
- Severe and chronic pain

Debilitating Medical Condition is not Enough

Physicians Play a Key Role

Only a physician (M.D./D.O) licensed in Michigan can make a valid certification

Statutory Affirmative Defense

Physician is not Prescribing Marihuana

Benefit of Participation in the Registry Identification Program

Element #1: Physician's Statement

A physician (Licensed M.D./D.O.) has stated that:

Element #2: Reasonably Necessary Quantity

The patient and the patient's primary caregiver,

Standard for the Affirmative Defense

Possession, Cultivation, and Plant Limits for a Registered Primary Caregiver

Element #3: Medical Purpose

The patient and the patient's primary caregiver

Qualifications for Registered Primary Caregiver

- Patient designates an individual as the

Designation

- The patient could designate a caregiver,

Relevant Definitions

Compensation for Registered Primary Caregiver

In the Presence or Vicinity

Enclosed, Locked Facility

Not Subject to Arrest

No Probable Cause

The possession or application for a registry

What is Prohibited Under the Act?

- Smoking marihuana "in any public place"

Other Michigan Laws

Section 7(e) reads that:

Recent Medical Marihuana Decisions in Michigan

- *People v. Cook*, Marquette County, December 14, 2009;

Parole and Probation

MCL 771.3 reads:

Operation of a Motor Vehicle

Recent Medical Marihuana Decisions in Michigan

People v. Rigo, 81 Cal. Rptr. 2d 624 (1999)

- The defendant failed to seek approval until 3 1/2

What About the Plants?

- Michigan does not limit the size or distinguish between seedlings and mature, producing plants.

Recent Position by the U.S. Attorney

- On October 19, 2009, the Obama

Catch-22

- Individuals who have been issued a marihuana registry identification card can legally purchase marihuana, but

U.S. Attorney General's Position

- On March 18, 2009, Attorney General Eric Holder signaled a

California Attorney General's Position

Traffic Stops

Law Enforcement

Verifications

Return of Seized Medical Marihuana

- State law enforcement officers who

Concerns About the Act

- Potential conflict with MCLA 257.625(8);

LEIN

- Verifications are now available through

Future Concerns

- Profiteering

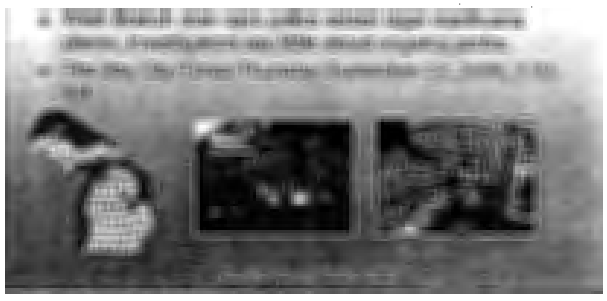
Recent Legislation

State Senator Wayne Kuipers recently has introduced

Issue

Current OUID Per Se statute prohibits

Medical Marihuana in the News in Michigan



ARIDE

Why ARIDE?

Contact MMP

- **Mailing Address:**

Frequently Asked Questions

Question: Why is marihuana spelled with an "h", rather than a "j", in Initiated Law 1 of 2008 and the administrative rules?
Answer: Marihuana is one of two acceptable spellings in the dictionary and is consistent with the spelling in the Michigan Public Health Code, Act 368 of 1978, and Initiated Law 1 of 2008.

Question: How do I register as a medical marihuana patient with the state?
Answer: "Qualifying patients" must register with the Michigan Department of Community Health, Bureau of Health Professions, P.O. Box 30083, Lansing, Michigan 48909.

To register, the patient must submit (on forms provided by the department) the following information:
(a) an application or renewal fee;
(b) the name, address, and birth date of the qualifying patient;
(c) the name, address, and telephone number of the qualifying patient's physician;
(d) the name, address, and birth date of the qualifying patient's caregiver, if any.
(e) written certification that the person is a qualifying patient.

Question: What medical conditions are eligible?
Answer: Patients must suffer from a debilitating medical condition, defined as:
(a) cancer, glaucoma, or positive status for human immunodeficiency virus (HIV), acquired immune deficiency syndrome (AIDS), hepatitis C, amyotrophic lateral sclerosis, Crohn's disease, agitation of Alzheimer's disease, or nail patella.
(b) a chronic or debilitating disease or medical condition or its treatment that produces one of more of the following:
(i) cachexia or wasting syndrome;
(ii) severe and chronic pain;
(iii) severe nausea;
(iv) seizures, including but not limited to those caused by epilepsy; or
(v) severe or persistent muscle spasms, including but not limited to, those which are characteristic of multiple sclerosis; or
(c) any other medical condition or treatment for a medical condition adopted by the department by rule. (NOTE: To date, the department has not added to the list by administrative rule.)

Question: Do any age limits apply?
Answer: Registered caregivers must be 21 or older. Patients under age 18 must have the consent of their parent or guardian responsible for medical decisions. The parent or guardian must be the registered caregiver of the minor patient.

Question: What is the fee to apply for participation in the Michigan Medical Marihuana Program (MMMP)? Are there any circumstances under which the fee can be reduced?

Environmental Health

Answer: The fee for a new or renewal application is $100.00, unless a qualifying patient can demonstrate his or her current eligibility in the Medicaid Health Plan or receipt of current SSD or SSI benefits, in which case the application fee is $25.00.

Question: I don't have the money for the registration fee. Is it a one-time payment? Can it be waived? Can I make installment payments?
Answer: Full payment, by check or money order, must be made at the time of the initial application and at renewal each year. The fee cannot be waived, and the department cannot accept installment payments.

Question: Why do I need to have a physician sign and date a "Physician Certification" form? Why can't I just provide my medical records?
Answer: According to the Michigan Medical Marihuana Act (MMMA), a physician must state in writing that the patient has a qualifying debilitating medical condition and that medical marihuana may mitigate the symptoms or effects of that condition. The MMMP contacts each physician during the application process to verify the patient is under the physician's care. A signed and dated "Physician Certification" must be current within 3 months of the date of a person's new or renewal application.

Question: Can the MMMP refer me to a physician?
Answer: No. The MMMP does not serve as a referral source. Any Doctor of Medicine (MD) or Doctor of Osteopathic Medicine (DO) licensed in Michigan can recommend a patient for the program.

Question: Why are only MDs (Medical Doctors) and DOs (Doctors of Osteopathic Medicine) qualified to sign the "Physician Certification"? Why not chiropractors, physician's assistants or nurse practitioners? Does the physician have to be licensed in Michigan?
Answer: The MMMA states that a "physician" means a Doctor of Medicine (MD) or Doctor of Osteopathic Medicine (DO) licensed under Article 15, Parts 170 and 175 of the Michigan Public Health Code. MDs and DOs are the physicians licensed under these parts. The law also specifies that a physician must be licensed in Michigan. The MMMP verifies with the Board of Medicine or Board of Osteopathic Medicine that each patient's attending physician has a valid license to practice medicine in Michigan and has no disqualifying restrictions.

Question: Can I have someone else sign and date my application (a "proxy") if I am physically unable to do so?
Answer: Yes, as long as the individual signing your application identifies him or herself as your proxy next to his or her signature on your application or has provided documentation showing guardianship or power of attorney.

Question: What happens to my application once I mail it? What if I don't send in all the required parts of my application?
Answer: The MMMP has 15 days to review your application to make sure it is complete and all parts are current. If your application is complete, your registry identification card will be issued within 5 days after the MMMP verifies the information on your application. If you don't send in all the required parts of your application, the application will be denied.

Question: Do I need to keep a copy of my application and any other information I send to the MMMP?

Answer: Yes. If your application has not yet been approved, denied or terminated you may provide law enforcement with a copy of your written documentation submitted to the department; you must also submit proof of the date of mailing or other transmission of the documentation. This documentation shall have the same legal effect as a registry identification card, until such time as you receive your card or you have received notification that your application has been approved, denied or terminated.

Question: Who has access to the patient registry list?
Answer: The state will maintain a confidential list of "qualified patients" and "approved caregivers" to whom the department has issued registry identification cards. Individual names and other identifying information on the list must be confidential and is not subject to disclosure, except to:
(a) authorized employees of the department as necessary to perform official duties of the department; or
(b) authorized employees of state or local law enforcement agencies, only as necessary to verify that a person is a lawful possessor of a registry identification card.

Question: Is my confidentiality protected?
Answer: Yes. The MMMP does not give out lists of patients or caregivers. Law enforcement personnel may contact the MMMP only to verify if a patient or caregiver registration card is valid. The MMMP will tell law enforcement staff if the patient or caregiver is registered. The MMMP will disclose patient information to others only at the specific written request of the patient. MMMP computer files are secure and paper files are kept locked when not in use.

Question: Can a patient withdraw from the program?
Answer: Yes. A patient must submit a written statement that he or she wishes to withdraw from the MMMP. The MMMP will request that all cards be returned and the file will be closed. The patient's card and all cards associated will be voided. It is the responsibility of the patient to notify his or her caregiver, if applicable, that his or her card is no longer valid. It is the patient's responsibility to collect all cards associated with his or her patient card and return them to the Department. If the Department is notified by the patient that he or she would like to withdraw from the program, the Department shall notify the primary caregiver by mail at the address of record informing the caregiver that his or her card is no longer valid and must be returned to the Department within fourteen (14) calendar days. All cards must be returned to the Department within fourteen (14) calendar days of the date that the Department was notified of withdrawal. If the patient so chooses he or she may reapply as a new patient at any time. In order to reapply a patient must submit the required documentation and application fee.

Question: Do patients get a refund if they withdraw from the program?
Answer: Yes and no. No refund will be given for patients who withdraw once their cards have been issued. A refund may be given to a patient who withdraws before cards are issued.

Question: Do I have to tell the MMMP if I change my mailing address or change my designated primary caregiver?
Answer: The answer to these questions is "yes". You are required to tell the MMMP in writing of any such changes within 14 days of the change. The MMMP does not accept changes of information over the

telephone. The MMMP only accepts written changes about the patient's name, the patient's address, the patient's telephone number, the patient's physician, or the patient's primary caregiver. There is a $10.00 fee for issuance of a new registry card. Your new card reflects the changes you have requested. Your changes will be made in our computer database and will be put in your file. You will be protected from civil and criminal penalties for these changes. If you change your caregiver, you will be asked to return your old caregiver card within 14 days.

Question: Do I get a prescription from my doctor?
Answer: The federal government classifies marihuana as a Schedule 1 drug, which means that licensed medical practitioners cannot prescribe it. Your physician must provide written certification of a "debilitating medical condition" and can only recommend the use of medical marihuana.

Question: Where do I get the seeds or plants to start growing medical marihuana?
Answer: The MMMP is not a resource for the growing process and does not have information to give to patients.

Question: Why can't I go to a pharmacy to fill a prescription for medical marihuana?
Answer: Pharmacies can only dispense medications "prescribed" by licensed physicians. The federal government classifies marihuana as a Schedule I drug, which means licensed physicians cannot prescribe it.

Question: Can doctors get in trouble for discussing medical marihuana?
Answer: Not under Michigan state law. A physician may not be arrested, prosecuted or penalized in any manner, or be denied any right or privilege, including but not limited to civil penalty or disciplinary action by the Board of Medicine or Board of Osteopathic Medicine.

Question: I am too ill to grow my own medical marihuana. What can I do?
Answer: The MMMA provides for a system of designated caregivers. The caregiver can acquire 2.5 ounces of usable marihuana and grow up to 12 marihuana plants for a qualifying patient. The caregiver may assist up to 5 patients. The caregiver must sign a statement agreeing to provide marihuana only to the qualifying patients who have named the individual as their caregiver. The caregiver's name, address, birth date and social security number must be provided to the state at the time of a patient's registration. The Department will issue a registry identification card to the caregiver who is named by a qualifying patient on his/her application. The Department may not issue a registry identification card to a proposed caregiver who has previously been convicted of a felony drug offense. The Department will verify through a background check with the Michigan State Police that the designated caregiver has no disqualifying felony drug conviction. A caregiver may receive reasonable compensation for services provided to assist with a qualifying patient's medical use of marihuana.

Question: Who can ingest medical marihuana?
Answer: Under the MMMA, only a person with a qualifying debilitating medical condition who has obtained a valid MMMP card is exempt from criminal laws of the state for engaging in the medical use of marihuana as justified to mitigate the symptoms or effects of the

person's debilitating medical condition.

Question: How are the laws and rules of the MMMA enforced?
Answer: The MMMP enforces the registration process making sure applications are complete before issuing a registry identification card, terminating incomplete or fraudulent applications, and revoking cards if individuals commit violations of the MMMA. The MMMP verifies the validity of a registration card of patients and caregivers with local and state law enforcement personnel if they call the MMMP requesting such information. Local and state law enforcement personnel may take any action they believe is necessary to enforce the criminal laws of the state, including violations of the MMMA. Local and state law enforcement actions may vary. The MMMP has no authority to direct the activities of local and state law enforcement agencies.

Question: Can the MMMP give me legal advice?
Answer: No. If you have questions concerning compliance with the Michigan Medical Marihuana Act, you may wish to consult with an attorney.

Question: Will paraphernalia associated with my medical use be protected?
Answer: Yes, in Section 4 of the MMMA, asserting medical use of your "paraphernalia relating to the consumption of marihuana" is an affirmative defense.

Question: Can the police search me just for having a patient registry card?
Answer: No, not under Michigan law. Possession of, or application for, a registry identification card does not alone constitute probable cause to search the person or property of the person possessing or applying for the registry identification card or otherwise subject the person or property to inspection by any governmental agency, including a law enforcement agency.

Question: Will my medical insurance cover medical marihuana?
Answer: Probably not. The MMMA does not require a government medical assistance program or commercial or non-profit health insurer to reimburse a person for costs associated with the medical use of marihuana.

Question: Can I use medical marihuana at work?
Answer: This is up to the employer. Even if you are a registered patient, your employer may still prohibit medical marihuana use in the workplace.

Question: If I live in a nursing home, assisted living facility, or a retirement home, can I consume medical marihuana?
Answer: Presuming you are registered with the state patient registry and carrying your registry identification card, the law does not specifically prohibit the use of medical marihuana in those settings. However, the facility or home may have prohibitions. Therefore, you must verify with the facility if using medical marihuana is permitted and under what circumstances or conditions.

Question: Where can I consume medical marihuana?
Answer: Presuming you are registered with the state patient registry and carrying your registry identification card, you may consume medical marihuana on your property or elsewhere. However, the law

does not permit any person to do any of the following:
(1) Undertake any task under the influence of marihuana, when doing so would constitute negligence or professional malpractice.
(2) Possess marihuana, or otherwise engage in the medical use of marihuana:
(a) in a school bus;
(b) on the grounds of any preschool or primary or secondary school; or
(c) in any correctional facility.
(3) Smoke marihuana:
(a) on any form of public transportation; or
(b) in any public place.
(4) Operate, navigate, or be in actual physical control of any motor vehicle, aircraft, or motorboat while under the influence of marihuana.

Question: I live within 1000 feet of a school, AKA a "drug free zone". Can I still grow and/or possess my medical marihuana there?
Answer: The MMMA does not address this issue. You may wish to contact an attorney about this issue.

Question: Do I have to tell my landlord that I am a patient in the MMMP? Can my landlord evict me if I am a patient in the MMMP and have my grow site in my rental housing? Can I live in subsidized housing and be a patient in the MMMP?
Answer: It is up to you to decide whether or not to tell your landlord that you are a patient in the MMMP. Nothing in the MMMA specifically addresses whether or not you can be evicted because you are a patient in the MMMP, even if you have only the amount of medical marihuana allowed by law. Nothing in the MMMA specifically addresses whether or not a person can be an MMMP patient and live in subsidized housing. If you have questions about these important issues, you may wish to talk to an attorney to learn about your rights and protections.

Question: What should I tell my employer if I am subjected to a drug test?
Answer: The MMMA states that employers are not required to accommodate employees who use medical marihuana. You may wish to consult an attorney about whether or not to tell your employer that you are a patient in the MMMP. A patient may contact the MMMP in writing to ask the program to release information about the patient's registration to an employer.

Question: Can I use marihuana while on parole/probation if I have an MMMP card?
Answer: The authorities that are responsible for your probation/parole/post-prison supervision can impose restrictions on your possession and use of medical marihuana as a condition of your supervision, even if you have a valid MMMP card. Most offenders' supervision is subject to an "obey all laws" condition. Since marihuana possession and use is illegal under federal law, supervisory authorities can sanction an offender for possessing marihuana, even if he or she has an MMMP card. Sanctions could result in your arrest and return to jail. If you are on probation, parole, post-prison supervision, or other form of conditional supervision for conviction of a crime, you should consult with your parole and probation officer regarding whether your possession or use of marihuana may subject you to sanction for violation of the conditions of your supervision." The MMMP will revoke the card of a cardholder if a court issues an order that prohibits the cardholder from participating in the medical use of marihuana or

otherwise participating in the MMMP.

Question: I am a valid medical marihuana patient under another state's law. Am I protected?
Answer: Yes, under Section 4(j) of the MMMA, a registry identification card or its equivalent issued by another state government to permit the medical use of marihuana by a qualifying patient or to permit a person to assist with a qualify patient's medical use of marihuana has the same force and effect as a registry identification card issued by the Department.

Question: Is the MMMA recognized by other states? Can I travel to another state with medical marihuana and my MMMP registry identification card and not be arrested or charged with civil or criminal penalties?
Answer: At this time, the MMMP is not aware of any "reciprocity" agreements with any other states to honor the Michigan law. This includes even those states that have medical marihuana laws of their own, such as Washington and California. Because medical marihuana programs vary by state, you may want to contact the state you are traveling to for information on their laws.

Question: Can patients form growing cooperatives?
Answer: The law does not address this. Consult with your local law enforcement officer or personal attorney.

Question: How do I become a caregiver?
Answer: The MMMA defines a "Primary Caregiver" as a person who is at least 21 years old and who has agreed to assist with a patient's medical use of marihuana and who has never been convicted of a felony involving illegal drugs. Therefore, the qualifying patient (applicant or registrant) and you must complete a "Caregiver Attestation" to be submitted by the qualifying patient.

Question: What if my registry ID card was lost or stolen?
Answer: You would submit a signed statement attesting to the fact that your registry ID card has been lost or stolen (whichever applies) requesting a replacement card. Include your full name clearly written, copy of your identification, and $10.00 check or money order made payable to "State of Michigan-MMMP." Mail the statement and fee to:

Michigan Department of Community Health
Medical Marihuana Registry
PO Box 30083
Lansing, MI 48909

City of Walled Lake
1499 E. West Maple
Walled Lake, MI 48390
(248) 624-4847 Fax (248) 624-1616

Application for Medical Marijuana Dispensary
Failure to submit all required information may result in a delay in the processing of your application.

Parcel ID # _____ Zoning District _____

Business Name: _____ Address/Ste #. _____

Telephone: _____ Fax: _____

IF APPLICANT IS INDIVIDUAL, COMPLETE THE FOLLOWING:

Home Address: _____

SS#: _____ DOB: _____

DL#: _____ Jurisdiction that issued Driver's License: _____

IF APPLICANT IS A CORPORATION, PARTNERSHIP, ASSOCIATION OR LIMITED LIABILITY CORPORATION: applicant must list ALL OFFICERS, DIRECTORS, GENERAL PARTNERS, AND MANAGE MEMBERS. In addition applicant must list any stockholders, partners, or members with OWNERSHIP of 10% OR MORE IN THE APPLICANT. ALL PERSONS LISTED BELOW MUST ALSO BE FINGERPRINTED by the licensing authority. If necessary, provide additional information on a separate sheet.

NAME	HOME ADDRESS, CITY, STATE&ZIP CODE	DOB	POSITION	% OWNED

Has the applicant or any partner, member, officer, director, or stockholder of the applicant ever been convicted of a felony or controlled substances violations(s) in a federal, state, or other court?

☐ Yes ☐ No

If the answer is yes, please provide the following: (if necessary, provide additional information on a separate sheet)

Name and Location of Court	Charge convicted of	Sentence	Date of Sentencing	Last date of incarceration/parole/ probation

Has the applicant been denied an application for a medical marijuana dispensary by any jurisdiction? ☐ Yes ☐ No

Has the applicant had a medical dispensary license suspended or revoked by any jurisdiction? ☐ Yes ☐ No

Does the Applicant have legal possession of the premises for at least 1 year from the date that this license will be issued by virtue of ownership, lease or other arrangement?

☐ Ownership ☐ Lease ☐ Other (explain in detail) _____

If leased, list of name of landlord and tenant, and date of expiration, EXACTLY as they appear on the lease:

Landlord	Tenant	Expires

If premises are leased, attach written consent by the owner of the property to the licensing of the premises for a medical marijuana dispensary.

Name of Manager for licensed premises: _____ DOB: _____

SS#: _____ DL#: _____

Registry I.D. #: _____

Building Owner: _____

Address: _____ Phone: _____

Square footage to be occupied: _____ Number of Employees: _____

Hours of Operation: _____ Number of Registered Qualifying Patients: _____

Does applicant have alarm system in place? ☐ Yes ☐ No

If yes, name of company, contact name and number? _____

Does applicant have licensed firearms on premises? ☐ Yes ☐ No

If yes, state quantity and type (make, model, and caliber/gauge): _____

Does the applicant propose to have retail sales of food or beverages or other merchandise on site? ☐ Yes ☐ No

If yes, what items will be sold? _____

Does the applicant have a retail sales license? ☐ Yes ☐ No

If yes, when did applicant obtain license? _____

Has applicant begun operations as a medical marijuana dispensary? ☐ Yes ☐ No

If yes, when did operations begin? _____

Oath of Application

I declare under penalty of perjury in the second degree that this application and all attachments are true, correct, and complete to the best of my knowledge. I also acknowledge that it is my responsibility and the responsibility of my agents and employees to comply with the provisions of the City of Walled Lake Municipal Code and all Rules and Regulations which govern my Medical Marijuana Dispensary License Application.

Authorized Signature	Title	Date

Fees:
* Subject to change by City Council without notice.

$3,000 Initial Application Fee
$1,000 Annual Renewal Fee

Items must be submitted with application for review. Failure to submit all required information may result in a delay in the processing of your application.

___ Provide a copy of any lease or rental agreement pertaining to the Dispensary with this application;

___ Provide a description of the security plan, including, but not limited to, any lighting, alarms, barriers, recording/monitoring devices, and/or security guard arrangements proposed for the Dispensary facility and premises;

___ An executed Release of Liability, indemnification and hold harmless agreement (see attached);

___ Proof of Insurance;

___ Maximum number of caregivers and qualifying patients;

___ Area map, drawn to scale, indicating within a radius of one thousand five hundred feet (1,500) from the boundaries of the proposed Dispensary site, the proximity of the site to any school, existing dispensary, recreational facility, church, public or private park, or to any residential zone;

___ Description of the screening, registration and validation process for persons receiving or dispensing marijuana at the proposed Dispensary;

___ Disclosure of any citation or conviction for, or guilty/no contest plea to, any violation of the laws of the United States, any state, or any local unit of government regulating controlled substances by the applicant or any of its members, officials, owners or shareholders;

___ Description of the process for tracking medical marijuana quantities and inventory controls, including on-site cultivation (if any), processing and medical marijuana products received from outside sources;

___ Description of an operating plan for the proposed dispensary including the following:

i. A description of the products and services to be provided by the Dispensary, including retail sales of food and/or beverages, if any, and any related accommodations or facilities;

ii. Floor plan, drawn to scale, showing the layout of the Dispensary and the principle uses of the floor area depicted therein, including a detailed interior depiction of where any services other than the dispensing of medical marijuana and proposes to occur on the premises;

iii. Detailed description of all marijuana storage facilities and equipment including enclosed, locked facilities, if any, as may be required by the Act.

___ Description of waste disposal procedures, methods and facilities for marijuana waste products including, not limited to, usable and non-usable marijuana;

___ Description of any proposed signs including a detailed depiction of sign language or displays, dimensions, locations, quantity, configuration and illumination;

___ Description and drawing of proposed buildings to (exterior) to be constructed or used.

The approval of the above use and occupancy is limited to those described, and that further change, expansion or addition from the approved use is expressly prohibited.

Release of Liability, Indemnification and Waiver

Upon issuance and acceptance of a Medical Marijuana Dispensary license and/or re-newal, the undersigned individually and on behalf of _____, as its duly authorized agent, hereby unconditionally and irrevocably waives, discharges and releases the City of Walled Lake, its agents, employees and officials from any and all claims, damages and liability in any way arising out of or related to the licensed premises including, but not limited to, issuance of a license to licensee and any and all acts, omissions damages or injuries to any person or property resulting from any act, omission, condition, occurrence or criminal act occurring upon or in relation to the licensed premises, and to indemnify, defend, and hold harmless the City of Walled Lake including its agents, employees and officials to the fullest extent permitted by law and equity for any and all claims, damages, injuries or liabilities at law or equity in any way arising out of or related to any acts, omissions, activities, conditions or occurrences or incidents in any way related to the licensed premises.

Signature	Date	Print Name
Signature	Date	Print Name
Signature	Date	Print Name
Signature	Date	Print Name
Signature	Date	Print Name
Signature	Date	Print Name

For Department Use Only

Planning/Zoning Approved/Not Approved Date: _____

Building Department Approval: _____ Signed by: _____

_____

_____

Police Department Approval: _____ Signed by: _____

_____

_____

Fire Department Approval: _____ Signed by: _____

_____

_____

City Manager: _____ **Final Approval** _____ **Date:** _____

AGENDA 9-13-10

ITEM I-2

VILLAGE OF DEXTER

cnicholls@villageofdexter.org

8140 Main Street Dexter, MI 48130-1092 Phone (734)426-8303 ext 17 Fax (734)426-5614

MEMO

To: **President Keough and Council Members**
From: **Trustee Cousins & Courtney Nicholls, Assistant Village Manager**
Date: **September 8, 2010**
Re: **Arts, Culture & Heritage Committee Update**

Attached are the minutes from the most recent Arts, Culture & Heritage Committee meetings along with a copy of the flyer for the September 25 Songs, Slams & Smores event.

The Committee currently has 10 members and is looking for a Village resident to fill the 11th position.

At the October meeting the Committee will be continuing a discussion regarding their direction/future projects & plans. The discussion has included finding ways to support local arts organizations in pursuit of their missions, while still devoting resources to having small events, like Songs, Slams and Smores. As this discussion moves forward any input/feedback Council would like to share on their thoughts for the committee would be appreciated.

ARTS, CULTURE & HERITAGE COMMITTEE
TUESDAY, SEPTEMBER 7, 2010 - 7:00 p.m.
DEXTER DISTRICT LIBRARY

THE VILLAGE OF DEXTER DRAFT

Members present: Mike Vickers, Tom Rosenbaum, Audrey Becker, Lynn Babcock, Courtney Fitzpatrick, and Victoria Schon

The August meeting notes were reviewed and no changes were made.

Courtney Fitzpatrick provided an update on the Dexter Arts Center. They will be holding an open house at their location above Life is Good on September 18 from 3 p.m. to 6 p.m. They are also planning an event at the Encore Theatre on September 26 from 6 p.m. to 8 p.m. Their projected opening date is early October. Approximately 40 artists have contacted them with interest in teaching classes.

Julie & Louie Nagel will be conducting a class on performance anxiety at the Dexter District Library on September 26 at 2 p.m.
Victoria Schon and Jill Love are conducting a juried art exhibit for local artists starting October 22 at the Corner Cup Café.

Discussion was held regarding Songs, Slams and Smores on September 25. The flyer has been updated and copies will be available for pick-up at the Village Offices on September 9. Courtney N. will submit the request to display the sandwich board sign on the day of the event and will inventory the food that was left over from the last event. The Park Use Permit was completed and signed off on by the fire department. Lynn will be purchasing marshmallow roasting sticks; Mike will be supplying the fire appliance and wood and purchasing the remaining food items.

The Committee is interested in becoming more involved with Dexter Daze. Suggestion was made to send a representative from the Committee to the Dexter Daze Committee meetings. One idea is the creation of a "box city" which would be a fun activity for kids.

The Committee discussed goal setting for 2010-2011 and is interested in shifting to finding woys to support local arts orgonizations (i.e. the Dexter Arts Center) as a primory mission. This would be done while continuing to host smaller "niche" events, such as Songs, Slams and Smores.

An ideo for a fundraising dinner that would be held at o home and involve high end food, entertainment, and artist showcase was discussed as a possibility for next spring/summer.

Committee members are encouraged to review the goals/objectives/mission statement to suggest updates at the next meeting.

The Committee will be working on establishing general by-laws that set the process/timeline for selecting a Chair and Vice Chair, establish guidelines on attendance, along with other items related to committee structure/function.

Victoria Schon was unanimously chosen as Vice Chair now that Mike Vickers has moved into the Chair position.

ARTS, CULTURE & HERITAGE COMMITTEE
TUESDAY, AUGUST 3, 2010 - 7:00 p.m.
CREEKSIDE INTERMEDIATE SCHOOL

THE VILLAGE OF DEXTER

Members present: Mike Vickers, Tom Rosenbaum, Audrey Becker, Pam O'Hara, Lynn Babcock, Paul Cousins, Victoria Schon, and Louis Nagel. Guest: John Simmonds

The June meeting notes were reviewed and a change was made to reflect that there would be a charge to update the Songs, Slams & Smores flyer.

Discussion was held regarding Songs, Slams and Smores on September 25. Advertising will include the Ann Arbor Observer, Arbor Web and A3arts.org. Audrey will coordinate with Sky Creative to update the flyer. A sign-up sheet will be available at the event so we can contact people for future events. Dave Boutette will be the MC. Audrey will contact the drum circle leader. Discussion was held regarding an alternate date (October 2) and venue - potentially Foggy Bottom.

Pam O'Hara led a discussion on the Dexter Arts Center organizational meeting that was held on July 29. 22 people were in attendance. The group elected a Board and discussed pursuing 501c3 status. Their next meeting will be on June 5 at the Old Mill (3515 Broad).

Louis Nagel made a motion, supported by Victoria Schon to support the Arts Center in its development which passed unanimously.

John Simmonds spoke of the inception of his idea of a Deter Arts & Crafts Center at the Old Mill. This will require money, workers and sponsors. Some of the space at the Old Mill could be rented to Washtenaw Community College - they are looking for additional classroom space. John is working on financing the site with United Bank and Trust. His e-mail address is DCIdexter@yahoo.com

Pam O'Hara made a motion, supported by Mike Vickers to not participate as an advertiser in the Art Walk program this year which passed unanimously.

Goal setting for 2010-2011 will be the major discussion item for the next meeting.

ARTS, CULTURE & HERITAGE COMMITTEE
TUESDAY, JUNE 1, 2010 - 7:00 p.m.
DEXTER SENIOR CENTER

THE VILLAGE OF DEXTER

Members present: Mike Vickers, Tom Rosenbaum, Audrey Becker, Pam O'Hara, Lynn Babcock, Paul Cousins, Louis Nagel, and Julie Nagel.

The May meeting notes were reviewed and no changes were made.

Discussion was held regarding Songs, Slams and Smores. The event was a success despite the threat of inclement weather earlier in the day. The Committee is interested in holding another Songs, Slams and Smores in the fall – the suggested dates were August 28, September 11, and September 25. Audrey will confirm the dates with the potential host, David Boutette and the drum circle leader. Three versions of the flyer were created so we will only need to pay for an update to the flyer not a whole new design. Copying will be done by the Village.

The Committee discussed advertising for the event. Adding the event to websites that advertise to Ann Arbor area parents seemed to be a successful way to reach area families. Committee continues to work on expanding advertising / general communication efforts.

The Dexter District Library has purchased the book "How to Turn a Place Around" by Kathy Madden at the Committee's request.

Due to the proximity of the next meeting to the holiday and members vacation schedules the Committee has cancelled the July meeting.

ARTS, CULTURE & HERITAGE COMMITTEE
TUESDAY, MAY 4, 2010 - 7:00 p.m.
DEXTER SENIOR CENTER

THE VILLAGE OF DEXTER

Members present: Mike Vickers, Tom Rosenbaum, Audrey Becker, Pam O'Hara, Jill Love, Lynn Babcock and Anne Savage.

The April meeting notes were reviewed and no changes were made.

Justin Fenwick of the Arts Alliance gave a presentation on their website a3arts.org. Information provided about creating a profile is attached.

The sub-committee provided an update on Songs, Slams & S'mores on May 22. The necessary Village permits have been obtained, including coordination with the fire department on the use of the fire appliances. Mike has established the Facebook site. The committee has attempted to find someone to act as the "MC", however if no one is available, Mike is willing to do it. The flyers should be available the week of the 10th. As the event gets closer the sub-committee will let other committee members know what they can do to help.


A Culture Heritage
SONGS, SLAMS & S'MORES
SATURDAY,
SEPT. 25TH AT 7PM
TWILIGHT DRUM CIRCLE

VILLAGE OF DEXTER ddettling@villageofdexter.org
8140 Main Street Dexter, MI 48130-1092 Phone (734)426-8303 ext 11 Fax (734)426-5614

MEMO

To: President Keough and Council Members
From: Donna Dettling, Village Manager
Date: September 9, 2010
Re: Assistant Village Manager &
Village Manager Report - Meeting of September 13, 2010

1. Meeting Review:
   - August 23rd - DNRE Lansing re: TMDL Limits/Total Maximum Daily Load limits on phosphorous. Copy of letter submitted to DNRE is attached.
   - August 24th – Staff Meeting
   - August 25th – Labor Negotiations
   - August 26th – OHM Project Update Meeting
   - August 26th – Kirk Reid, Alternative Medicine
   - August 27th – Adams Billboard re: visibility along tree line and consideration of digital billboard
   - August 30th – Larry Cobler (Item 8)
   - August 31st – Rich Henes re: Fire Facilities construction types (Item 11)
   - September 1st –Meeting with Shawn
   - September 1st – Meeting with CACA (Item 4)
   - September 2nd -Progress meeting Water Improvements
   - September 2nd – Progress meeting Sewer Improvements

2. Upcoming Meeting Review:
   - September 16th – DDA Meeting
   - September 16th – Progress meeting Water Improvements
   - September 16th Progress meeting Sewer Improvements
   - September 17th – Gateways workshop
   - September 20th – Bid Open Sidewalk Project (Item 10)
   - September 20th – Economic Preparedness Committee
   - September 21st – Labor Negotiations
   - September 22nd – Tupper Property Redevelopment Team
   - September 24th – Regional Economic Development Meeting in Chelsea

3. Project Restoration Update. Attached are notes from our discussion at the last Council meeting regarding restoration in the Water Main Project area.

4. Chelsea Area Construction Agency (CACA) I was contacted by CACA who requested an in person meeting to provide information on their agency and the services they offer. I asked President Keough to attend and he and I met with Greg McKinney, Bruce Connell, and Jim Drolett on September 1, 2010. Currently the Village receives building department services from Washtenaw County.

5. Curb Stop Box Update At the last Council meeting a concern about the installation of curb stop boxes on Forest, Inverness and Grand as part of the Water Main Project was raised. The contractor was short one curb stop box to complete the project and installed a substitute, which he planned to come back and replace with the curb stop box specified in contract.

6. RFP for Contract Position A total of 6 proposals were received in response to the RFP. Appointments will be set-up for the week of September 13th and September 20th with the goal of providing a recommendation to Council at the September 27, 2010 meeting. The interviews will include Donna Dettling, Courtney Nicholls, Ed Lobdell and (pending schedule confirmation) Rhett Gronevelt of Orchard, Hiltz & McCliment. General information on the proposals that were submitted is attached to this report.

7. Partnership for Prosperity Workshop REMINDER, Wednesday, September 15, 2010 Kick-Off Reception and Public Forum are free. The event is from 6:00 p.m. to 9:00 p.m. at the Washington Street Education Center located at 500 Washington Street, Chelsea MI. A team from the Village has been registered for the 3-day workshop that follows the Kick-Off. Our team includes Paul Cousins, Donna Fisher, Jim Smith, Jim Carson, Carol Jones, Allison Bishop and Donna Dettling.

8. Baker Road Pedestrian Crossing. I met with Larry Cobler, School Board President and Mary Marshall, Acting Superintendent on Monday August 30th to discuss the new direction from Chelsea Wellness Foundation. Chelsea Wellness Foundation is going in the direction of a coordinated wellness initiative. DCS is pulling together stakeholders from Dexter, Chelsea and Manchester for a planning session to determine how best to apply for funding to pay for a Safe Routes to School (SR2S) Coordinator for the group. SR2S is school and community based requiring a broad view including stakeholders from each of the schools and each community. Larry Cobler believes a SR2S Coordinator position has the best chance for CWF funding in the next main grant application cycle. The coordinator could write grants for various funding opportunities for each community including SR2S.

9. Remove graffiti on Bridge. The graffiti on the bridge was power washed and DPW staff are working with Customrock to establish specific paint procedures to apply the paint according to Customrock specifications. We are also applying an anti-graffiti product on a small area of the bridge to evaluate its acceptability. It will cost $1,000 to apply the product over the entire area of stained rock per side.

10. Sidewalk Repairs While working with OHM on the bid for the Main at Alpine Sidewalk project, which went out to bid on September 10, 2010, we included a quantity for remove/replace and or new sidewalk as an alternate to spend the $25, 000 budgeted for FY 2010-11. The exact locations for remove/replace or new sidewalk will be determined and approved by Council at the next meeting, then included as part of the contract after the project is awarded on September 27, 2010. The work is planned to be completed in October. A copy of the draft plan sheet for the Main Street sidewalk is attached to this report.

11. Update Facilities I met with Rich Henes on August 31, 2010 and discussed the type of research Council is looking for to further our facilities discussions. He is preparing a report to include construction cost for several different Fire Facilities from data collected from professional architect publications detailing cost breakdown for all building components from

start to finish. He will also make contact with the Contractor's that built Superior Township's facility as well as Plymouth Township. The report will be on the September 27, 2010 agenda.

12. Wastewater Treatment Plant Pump failures at the wastewater treatment plant required an emergency repair by Kennedy, which will cost approximately $8,000. The impeller on this pump is being repaired. A second pump will be pulled and rebuilt at a cost of approximately $14,000. Both pumps were installed in 2000 with the Rural Development work. Both pumps are located in the sludge tank and work 24/7 in less than desirable conditions. There will not be a competitive quote or award for this work. Approximately $15,000 will be covered from reserve capital improvement funds set aside according to the requirement from Rural Development; the rest will come from general reserves. A budget amendment will be proposed with Marie's next quarterly report. This is an emergency situation, which could impact the Wastewater Treatment Plants ability to meet discharge limits.

13. County Sheriff Forum. The Sheriff's Department is still interested in conducting an interactive forum to educate the public and collect information. They have asked if November is realistic; perhaps Wednesday November 10th or Thursday November 11th or Wednesday November 17 or Thursday November 18th. If these dates are acceptable, I'll contact the County to firm up a date.

14. "No Thru Traffic" signs. Trustee Semifero asked about getting "No Thru Traffic" signs installed at the three entrances of Westridge. These signs require a Traffic Control Order (TCO) to be enforceable and I asked Jim Valenta to prepare them. A copy of the TCO is attached. The date issued is September 24th with a permanent date of December 16th. The time lag is to allow for tube traffic counters to collect volume information prior to the installation. After the signs are up for one month counts will be collected again to determine if the signs were effective in reducing traffic. Subsequent to Joe Semifero's inquiry, Kevin Troncalli contacted the Village asking that "Slow Children Playing" signs be installed in Westridge. These signs do not require TCO's, but they are considered feel good signs that have little or no effect on traffic. I will contact the resident to let him know that we are trying the "No Thru Traffic" signs to reduce traffic in the subdivision. I have asked Jim Valenta to work with me on a protocol for this type of request.

15. M.I.T.N. To increase the pool of applicants that have access to our bid documents the Village is registering with the Michigan Inter-governmental Trade Network Online Bid System (MITN). Participating in this service is free of charge. Our current vendors will be notified that we will be utilizing this system. Bids can be posted online and vendors can view them for free or pay for a subscription that will e-mail relevant opportunities to them. Through this system the Village will also be able to access the bid library of all the bids that have been released by the participating organizations over the past 7 years.

16. Signal Timing. Village staff has been coordinating with Sgt. Gieske, School Liaison Officer Hilobuk and Village traffic engineer Jim Valenta to monitor the traffic situation as the school year starts. In response to the delays in traffic, the traffic signal cycle length along Main Street will be increased from 70 seconds to 80 seconds. The new cycle length will apply between 7 am and 9 am M-F. The extra 10 seconds will all be allocated to the main Street green phase. This will result in a longer delay for those waiting at Broad Street. We will be

monitoring any changes in the length of the backup under the viaduct to see if this makes any difference.

17. Dexter Area Chamber. The Chamber is planning an after hours event on September 22 from 5:30 p.m. to 7:30 p.m. at Dexter's Pub. The Chamber Office has officially moved to 3074 Baker Road (Palmer Insurance). The Board will be conducting interviews the week of the 13th to fill the Executive Director position.

18. Town Hall Meeting. The Village's next Town Hall meeting will be on October 20, 2010 at the Creekside Cafeteria. Instead of mailing a postcard, the Fall Village newsletter will be the reminder that is mailed to each household. The deadline for information for the next newsletter will be September 24.

19. Street Sweeper. The Village's new street sweeper has been delivered. Employees are currently receiving training on its operation.

August 20, 2010

William Creal, Chief
Water Bureau
Michigan Department of Natural Resources and Environment
525 West Allegan Street
P.O. Box 30273
Lansing, MI 48909-7773

RE: Objection and Concerns with Ford and Belleville Lakes TMDL

Dear Mr. Creal:

On behalf of representatives of the Middle Huron Partnership, I am writing to express our concerns regarding your department's decision to not revise the Ford and Belleville Lakes TMDL related to total phosphorus. We received your letter dated May 7, 2010 regarding this decision, and have scheduled to meet with you and your staff on August 23. This letter serves as a summary of our objections and concerns.

First, let me reiterate the intent of the Middle Huron Partnership. The Partnership is a voluntary organization that was originally formed in 1996 to plan and implement practices to reduce point and non-point source phosphorus loading throughout the middle Huron watershed and monitor progress. This partnership was formalized in 1999 and again in 2004 through the cooperative agreement. The partnership includes signatory representation from your department (formerly the Department of Environmental Quality), as well as local and county governments, NPDES permitted facilities, and the Huron River Watershed Council, which coordinates the Partnership.

Members of the Partnership have several concerns and comments regarding the current version of the TMDL that we believe warrant reconsideration of your decision not to revise it:

1) The current TMDL is expressed as a *concentration* target rather than a stricter load capacity. The TMDL states that "...the loading capacity is expressed as a phosphorus concentration of 50 µg/L at the Michigan Avenue bridge on the Huron River...."[1] No specific loading capacity is established for Ford or Belleville Lakes. We feel that this is highly problematic for several reasons. First, this does not seem to be consistent with the federal law and other TMDLs developed for phosphorus impairments across the state and nationally. The Clean Water Act section that establishes TMDLs clearly indicates that there needs to be a total load capacity established, so the Ford/Belleville TMDL is inconsistent with the law. Other phosphorus TMDLs across the state and country clearly establish loading capacities for the impaired waterbodies.

Second, the lack of a loading capacity establishes an ineffective regulation. Without a strict limit on phosphorus loading to the middle Huron River watershed, new point sources can be added and permitted on the basis that they are not increasing the phosphorus concentration in the system. This was the line of reasoning accepted by the DEQ when the Thornton Farms Waste Water Treatment Plant (WWTP) was permitted. That point source continues to add to phosphorus loads and has not consistently met its permit limits.

[1] "Total Maximum Daily Load for Phosphorus in Ford and Belleville Lakes." Michigan Department of Environmental Quality, Water Division. September 2004.

Third, the lack of a strict limit on new sources makes it very difficult to justify expenditures of local tax revenues on phosphorus reduction projects. Progress that is made through such point and non-point source projects can be simply erased by the allowance of new sources. A strict load limit is needed to provide assurance to those investing in water quality improvement projects that the load reduction progress from such projects will be protected.

2) Lack of TMDL revision is inconsistent with assurances stipulated in NPDES permits.
Four NPDES permits regulating WWTPs in the system are being contested over total phosphorus requirements. The facilities are currently voluntarily meeting TMDL limits based on the agreement that the department would revise the TMDL and reconsider waste load allocations. Permit language states, "The Department will re-evaluate the nutrient levels in Ford and Belleville Lakes and will propose revisions to the TMDL for approval by the U.S. EPA."[2] The Department's decision runs counter to this statement and others made throughout the negotiation process. The likely result will be litigation that will unnecessarily cost state and local taxpayers.

3) The TMDL does not sufficiently include all point sources.
The TMDL includes a waste load allocation for "other point sources" that is defined to include 12 "minor" point sources detailed in a 1996 paper. This list is currently incomplete and needs to be updated to account for loads contributed by point sources not listed in that 14 year-old paper. These additional point sources and the 12 minor point sources should be specifically identified in the TMDL.

4) The TMDL does not take into account data collected since original development.
The original TMDL was developed based on two loading analyses from 1996 and 1997. The analysis was based mostly on modeled loads rather than a broad set of measured loads. Since that time, extensive monitoring and assessment has been undertaken by a number of organizations, including the DNRE. Significant data sets include those compiled by Dr. John Lehman with the University of Michigan and by the HRWC Tributary Monitoring Program. Based on your decision letter, it does not seem that these datasets have been sufficiently evaluated by the Department. Both data sets are publicly available and a number of papers have been published based on their analysis. Several relevant conclusions from these studies include:

- Total Phosphorus concentrations have declined by 20 to 30% in the Huron River and several major tributaries, which would significantly change loading estimates previously made;
- Ford and Belleville impoundments (as well as other middle Huron River impoundments) serve as sinks of phosphorus, and sediments in these impoundments contribute a major portion of the overall impoundments' measured phosphorus load.

Neither of these important conclusions has been sufficiently considered in the Department's decision. These findings warrant evaluation of the loading capacity of the target impoundments as well as the watershed contributions versus in-lake loading. This has been done in other TMDLs and need to be considered for Ford and Belleville Lakes.

Further, by declining to revise the TMDL, the Department fails to appropriately account for widely-known findings on the impacts from climate change. The models and analysis used to develop the current TMDL did not account for climate change impacts such as changes in magnitude and timing of runoff, increasing pollutant loads from overwhelmed waste management systems, altered flow regimes and altered water levels. Some acknowledgement and accounting for these changes should be included in the loading capacity, load and wasteload allocations and margin of safety.

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[2] National Pollutant Discharge Elimination System Permits. Numbers MI0020737, MI0022217, MI0022829, and MI0024066. Michigan Department of Environmental Quality.

5) A Margin of Safety is not included in the TMDL.
The Clean Water Act requires that TMDLs include a margin of safety to account for uncertainty in the load estimation process. This allowance is meant to assure that minor exceedences of permitted discharges will not result in impairment of designated uses of the waterbodies in question. No such margin of safety is indentified in the TMDL. There is a "remaining" portion in the load allocation table, but this amount is never justified as a margin of safety. Further, there is no remainder for the months of August and September, and thus, no margin of safety at all. This oversight needs to be corrected.

6) The Department's review process is unclear and has not been inclusive.
Your letter does not specify what data were evaluated or procedure undertaken to reach the conclusion that the TMDL does not need to be revised. The Partnership requests to see any analysis that was conducted and to be provided with more evidence that proper consideration of available evidence was given in the Department's evaluation process. Perhaps this information will be provided to the Partnership at the August 23 meeting, but it is not yet evident. Whatever the process, the Department has not been inclusive of those who have invested significant amounts of time and resources to understand and address the phosphorus processing in the middle Huron River system. This lack of inclusion of Partnership members is inconsistent with the Department's role as a signatory to the Partnership's Cooperative Agreement as well as accepted practices of public participation in decision making processes. The Department should reconsider its decision and begin an open and inclusive evaluation process.

Overall, the Partnership requests that the Department reconsider its decision not to revise the TMDL and begin a new, open process to fully consider all aspects of this regulation. The Partnership members are interested in assisting the Department in this process and will make themselves available to collect and assess information, discuss findings and help draft supporting documents. The Partnership requests that the Department consider the impact that this regulation has on the affected communities and its desire to develop effective controls to improve the conditions in Ford and Belleville Lakes.

Thank you for giving us the opportunity to comment on this important issue.

Sincerely,

Ric Lawson, Watershed Planner
Huron River Watershed Council

on behalf of the Middle Huron Partnership

OHM Project Update Notes - August 26, 2010

SRF - EQ Basin - Bi-Weekly project update meeting are continuing. Possible minor delay in completion date due to part fabrication/delivery schedule. OHM to provide an update for Council on the project in September.

DWRF - 5th Well/Wellhouse, Current Wellhouse - Bi-Weekly project update meeting are continuing. 5th well expected to be in the system rotation the week of August 30. Work at the Water Treatment Plant should begin the week of September 7. OHM to provide an update for Council on the project in September.

DWRF - Grand, Forest, Inverness Watermain - Final restoration is continuing. Punch list items related to additional asphalt will be completed when asphalt is poured at Water Treatment Plant - likely early October.

SRF/DWRF - O & M Manuals - Draft manuals and asset management supplements will be ready for Village review by October 1.

Water System - Orthophosphate - OHM to solicit quotes from 3 vendors to complete work associated with the addition of orthophosphate once DWRF work is complete.

Central Street - Design is at a point where feedback from the railroad is necessary to continue. Staff has been in contact with the railroad but is still attempting to obtain a timeline.

Dexter Ann Arbor - Work is complete. OHM to provide an update for Council on the project in September.

Engineering Standards Upgrade - Best to proceed while Ed is available to review the changes - proposal to go before Council September 27.

Main Street Sidewalk - Project will be out to bid September 10. Will be posted on MITA and mailed to local contractors. Bid award to go before Council September 27. Bid document will include pricing for additional sidewalk repairs to be completed throughout the Village.

DWRF 2011 - Council to make decision regarding additional water main work in November.

P100

Council Meeting 8-23-10
Restoration Notes

Met with Chris on Site 8-30-10 to confirm understanding of Council discussion from 8-23-10. Higgins will mobilize a crew the end of September to complete the concrete or asphalt improvements.

Washout areas.

- Corner of Inverness and Grand, regraded swale and placed mulch blankets held down with bundles of hay. Continue to monitor.

Parking on areas that are being restored

- Letter sent to all residents in project area 8-20-10, monitor continued parking.
- Katie Jarvis
- Perma Smith 7835 Forest

ADA ramp locations.

- Hudson & Grand Street behind Mugg & Bopps. Put on the list for Higgins to install an ADA ramp or we can include this with the sidewalk work, VC ok with additional cost.

Widening pavement near group mailboxes.

- Add asphalt to this area, ok per VC for extra expense on project.
- Add asphalt in the small grassed area between alley and driveway, ok per VC extra cost. If area is established with grass don't pave, leave the grass.

Consistent look of drive approaches and alleys off roadway. (achieve clean, complete look)

- Add asphalt to (2) drives on Inverness, sidewalk side. Ok for extra cost per VC
- Add asphalt to (2) alleys on Inverness, ok per VC extra cost
- Add asphalt to drives on non-sidewalk side same length as sidewalk side. Ok per VC extra cost
- Contact Donna Fisher and make arrangements to review solution on site prior to completion at 3035 Inverness, remove drive that Village put in and establish with topsoil and seed. Put new driveway on other side near pine tree.
- Contact Marcia Hoyer and make arrangements to review solution on site prior to completion at 3055 Inverness, additional asphalt.

Other restoration concerns

- At 7645 Forest Street, John Prices. Call them regarding repair, village will remove asphalt and establish with topsoil and seed.
- Contact Scott Krull at 7758 Forest discuss culvert in driveway. Council asked that I look at the area to confirm an adequate length of culvert was installed.
- Catch basin next to Donna Fisher's home is properly graded to allow stormwater to enter it. Chris D. confirmed grades and he witnessed it functioning properly during the last big rain event.
- Swale area behind Donna Fisher's home, she isn't satisfied with repair. Chris and I looked at the grade and we're not sure how far the Village is to go to grade and landscape the back yard to correct a drainage issue that already existed. Meet on site with Donna Fisher to hear her concerns.
- Future emphasis on alley maintenance, do more with alleys on hills. Budget more for ongoing alley maintenance.
- Future road projects in old part of village, decide if widening roads to 27' and allowing parking on one side is the direction we desire to go.

			Address	Phone	Comments
Y	Lyle Winn	C-Anderson, Eckstein, Westrick	Shelby Township lwinn@aewinc.com	586-726-1234	Received proposal 9-3-10
Y	Ron Perry	C-Great Lakes Municipal Service	1176 Cassiday Rd. Hope MI 48628 rwmkperry@aol.com	989-689-4267	Received proposal 8-26-10.
Y	Bob Hamilton	C-Mannick & Smith	721 N. Capital Suite 2, Lansing MI 48906 Rhamilton@manniksmithgroup.com	734-289-2200	Met with Bob Hamilton & Barry Buschmann 8-19-10. Plans to submit
Y	Blaire Selover	C-Tetra Tech	710 Avis, Ann Arbor MI 48108	810-252-8884	Received proposal 9-3-10
Y	Dave Vago	C-Wade Trim	25251 Northline, Taylor MI 48180 dvago@wadetrim.com	734-947-2646	Received proposal 9-3-10
Y	Thomas	I-MacDonald	37245 Thinbark Street Wayne, MI 48184	734-721-0397 734-664-1068	Received proposal 9-1-10
N	Tom Krall	C-Severn Trent	1657 Commerce, South Bend IN 46628 tkrall@stes.com	610-363-5524	Tom Krall called 8-25-10 for more information. His preference is to manage his employees. He feels a temporary role would be a conflict for his company. Looking for other opportunities. Received letter not submitting a proposal.
N	Jim Perron	C-United Water	5555 Glenwood Hills SE, Suite 300, Grand Rapids MI 49512 JIMPERRON@UNITEDWATER.COM	317-637-6337	Submitted letter, they are not submitting a proposal. They are interested in providing a full service contract if Village Policy goes in that direction.
N	Bob	I-Martin	MI 48178 waterdept@voyger.net	248-437-4006	Called to discuss and decided not to submit. Not willing to give up current position.
	Brian Simons	C-Stantec	3959 Research Park, Ann Arbor, MI 48108	734-761-1010	
	Dave	I-Johnston	219 Cove View Court, Waterford MI 48327	248-681-0964	
		C-CH2M	2127 University Park, Suite 360, Okemos 48864		
	Kent Trierweiler	C-Infrastructure Alternatives	7888 Childsdale, Rockford MI 49341		
	Tim	I-Richie	843 Elm Street, Adrian MI 49221 tritchie@tc3net.com	517-403-3953	
	Roger	I-Rousse	1026 Ridgeview Circle, Lake Orion MI 48362		
	Paul	I-Shearlock	Email, pshearlock@whitelake.com	248-698-3300 x166	
		Advertise			
		MML Web Site	mi.wea.org/employment	Ann Arbor.com	
		Mlive.com	American Waterworks Association	Detroit Free Press	
		Dexter Leader	Michigan Rural Water Association	Use DNRE Website to check licenses	

Administrative Public Works, Six-month Contract
Review and Summary of RFP's

1. **Anderson, Eckstein and Westrick, Inc. partnered with Highland Treatment Inc.**
    - James Rabine PE – Day-to-day duties. Credentials: Over 40 years, including several years at the City of Burton Staff Engineer. Strong project management experience in water and sanitary planning, infrastructure repair, user charge systems development, pump station design, and public utility design.
    - Lyle Winn PE – Secondary contact and quality assurance. Credentials: Over 22 years experience. Represents AEW as Municipal Engineer for several municipal and public agency clients. Experience in sanitary sewer maser planning/design, water distribution system planning/improvements, road reconstruction and rehabilitation.
    - **Cost $2,700 per week, $70,200 for six-months** includes one Council meeting per month. An extra $300 per meeting for additional meetings.
    - Assign a key employee as project manager
    - Highland Treatment Inc. will monitor the Wastewater Treatment Operation and compliance
    - On-site supervision 3-days per week, James Rabine
    - Wastewater Treatment System supervision and oversight four (4) hours per week, including preparation or review of MDNRE Mandated Reports
    - Full 24- hour emergency availability
    - Week 1 & 2 AEW at Village 40 hours per week and HTI on site 4-hours per week
    - Week 3 to End at Village 24 hours per week, and HTI on site 4 hours per week
    - Additional services billed according to attached rate schedule
    - Proposed work schedule can be expanded or contracted to meet the needs of the Village
    - Proposed Approach
        i. Document Review – Operating Procedures, Union Contracts, Employee Manuals, Departmental Structure, Emergency Management Plan, Departmental Budgets, Master Plan, Rate Studies, C.I.P., Safety Procedures, Equipment Inventory, Material Inventory, Engineering Studies, Project Status Reports
        ii. Staffing and Process Review – Departmental staff experience and work history, wastewater collection/treatment system, water supply/treatment system, billing procedures, consultant coordination and overview, emergency response, resident interaction
        iii. Reporting and Schedules – attend Village Council once a month, conduct regular staff meetings, attend departmental meetings, provide summary reports of departmental activities, provide project summary reports, report on projected budget, coordinate schedules with Village consultants

2. **Great Lakes Municipal Services**
    - Ron Perry – Owner, Great Lakes Municipal Services, proposed supervisor. Credentials: Four years as Director of Public Works, 5 years as Water Department Crew Leader, 22 years of Municipal Service
    - Jake Perry – Superintendent, Great Lakes Municipal Services, back-up supervisor
    - Company has employees with required licensing levels

- **Cost $6,600 per month, $39,600 for six-months**
- Cover all areas of project scope
- Propose 30 – 45 hours per week
- Propose team approach – company has seven employees. Six of these employees are current or former municipal employees.

3. **Mannik & Smith Group**
   - Bruce Pindzia PE – Project Manager. 25 years experience in municipal engineering, construction management, planning & zoning. Monday – Friday 5 hours per day, evenings as required. (25 hours per week and 108 per month).
   - Barry Buschmann PE – 33 years of experience in highway and municipal infrastructure design and governmental consulting.
   - Robert Hamilton (30 years in city management) and/or Donald Link PE (37 years in municipal engineering) to provide 30 hours monthly.
   - Connie Ochs to provide 16 hours monthly. Credentials: Experienced wastewater plant operator and chemist with a Wastewater Treatment A License.
   - **Cost $16,118 per month, $96,708 for six months.** Approximately 154 hours per month of services. Includes all expenses, mileage, copies and standard mailings.
   - Proposed Approach
     - Communication Plan & Coordination – Project Manager will regularly community with the Village, MSG will develop a core team (Pindzia, Buschmann, Link, Ochs)
     - Project Manager – Responsible for supervision, administration, and technical work in all areas
     - Water/Wastewater – Team will provide oversight of plant and distribution operations and prepare monthly reports. Will also provide recommendations and costs for capital expenditures, rate changes, operating improvements, manpower needs and projections and a recommended budget/C.I.P.
     - Public Works Administration – Project Manager responsible for overseeing DPW operations. Will work with the team to prepare budget and personnel recommendations and monitor expenditures. Will also regularly inspect the maintenance of streets, parks, buildings & grounds to ensure they are maintained properly.
     - Development/Capital Project Review – MSG Team will thoroughly review the capital needs of the various areas of the departments and recommend long term improvements and replacements.
     - Operational Assessment – Adequacy of current staffing and optimized use of staff and identification of short term/long term organization and administrative needs.

4. **Tetra Tech**
   - Blaire Selover – Project Manager. Credentials: Over 25 years of Public works operation and maintenance experience. Michigan Municipal Class A, B, C, D & L wastewater operator's certification. Class

- Robert Jones – Oversight and supervision of Wastewater and Water Treatment and transmission support. Credentials: Ten years of management experience in wastewater/water treatment plants and their associated transmission systems. Michigan Commercial Wastewater and Municipal S1, D1 Drink Water certifications.
- Jimmy Spangler PE – Credentials: Over 30 years of public works management experience, including assistant DPW Director experience with the City of Lansing. Michigan Municipal Class A, B, C & D wastewater certifications.
- **Cost $9,860 per month, $59,160 for six-months**. Approximately 139 hours per month of services or 830 hours for six-month term. Includes monthly Council meetings.
- Blair Selover to oversee all work in proposal, provide weekly updates and serve as the MDNRE point of contact.
- Rob Jones will be involved with the oversight and supervision of the department of Public Works operations.
- Jimmy Spangler will provide review of street department operations as well as assist Rob and Blair with overall Department of Public Works oversight.
- Professional on site at your facilities four times per week.
- Provide 24 hour-per-day, 7 day-per-week emergency telephone number. Response to emergencies outside normal business hours will be billed as Additional Work.
- Work Plan
    - On site four times per week
    - Weekly meetings with Village management, monthly report to Council
    - Provide recommendations regarding maintenance repairs needed on the systems
    - Assist with budget preparation
    - Plan and direct scheduling of all water and wastewater compliance monitoring, reporting, sampling and maintenance
    - Plan and direct scheduling of all street, park, buildings/grounds and solid waste operations
    - Prepare and submit MDNRE operations reports
    - Supervise meter reading, repairs and replacement
    - Provide interface with MDNRE
    - Daily communication with foreman
    - Respond to customer inquiries

5. **Wade Trim**
    - Dave Vago, PE, Principal-in-Charge. Credentials: Over 20 years of experience in the municipal utility field. Traffic and Safety Engineer for 11 years. Experience developing capital improvement programs, and experience in the evaluation of organizations to optimize staffing and scheduling.
    - Jeffrey Bowdell, Public Works Utility Management. Credentials: 20 years experience directing municipal building departments, enforcement code and ordinance experience. Administration of water and sewer operations. Served as municipal partner to the architect, contractor.
    - Jason Karmol, Certified Operator. Credentials: 10 years of experience operating wastewater treatment and water treatment plants. Waterworks Operator F-1 and S-3 and Wastewater Treatment Operator B,C, and D.
    - Jeffrey Bowdell will dedicate full-time (40 hours per week) to the project and will serve in the role of Public Works Administrator. He will be the primary interface

with Village Management and attend Council and Committee meetings when requested.

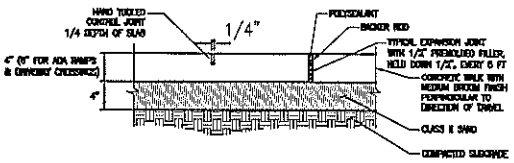
- Jason Karmol will serve as operator-of-record and will devote one day (8 hours) per week to the project. He will sign and submit appropriate reports and serve as liaison between the Village and the MDNRE. He will review systems and make necessary process control decisions to ensure compliance.
- **Cost $11,000 per month, $66,000 for six-months.** Includes all labor and associated costs. 48 hours per week, 208 per month and 1,248 for six-months.
- Work Plan
    - Oversee day to day operations and maintenance of the water, wastewater and storm systems including scheduling of maintenance and record keeping
    - Supervising meter repair and replacement
    - Provide regulatory reporting and assist in budget preparation
    - Oversee day to day maintenance of streets, parks, buildings & grounds and the solid waste program
    - Monitor current budget
    - Assist with Capital Improvement Program and work with Village during planning and construction of development projects in the community
    - Ensure that all preventative maintenance is being carried out; review preventative maintenance procedures
    - Communication – monthly summary report of activities for Village management, attend Council meetings if desired
    - Coordinate with the MDNRE

6. **Thomas MacDonald**
    - Retired from City of Wayne, he returned to work part-time.
    - 32 years of experience with the City of Wayne as Assistant DPW Director and DPW Director
        - Experience with collaborating with neighboring communities, negotiating work rule changes with union employees, winter maintenance best practices implementation, prioritizing services and eliminating redundant/unnecessary services
        - Performed an evaluation of all city streets and sidewalks that led to a road millage plan that was passed by the voters
        - Implemented a school outreach program to generate interest in the public works field
    - Operator in charge for the water system
        - Performed an evaluation of the city water & sewer infrastructure that led to the creation of a ten year water/sewer improvement program
    - Water Operator Certification S-1
    - Ability to achieve required wastewater certification within reasonable time period
    - **Cost Negotiable. Flexible regarding compensation and contract terms.**

Main / Alpine Sidewalk

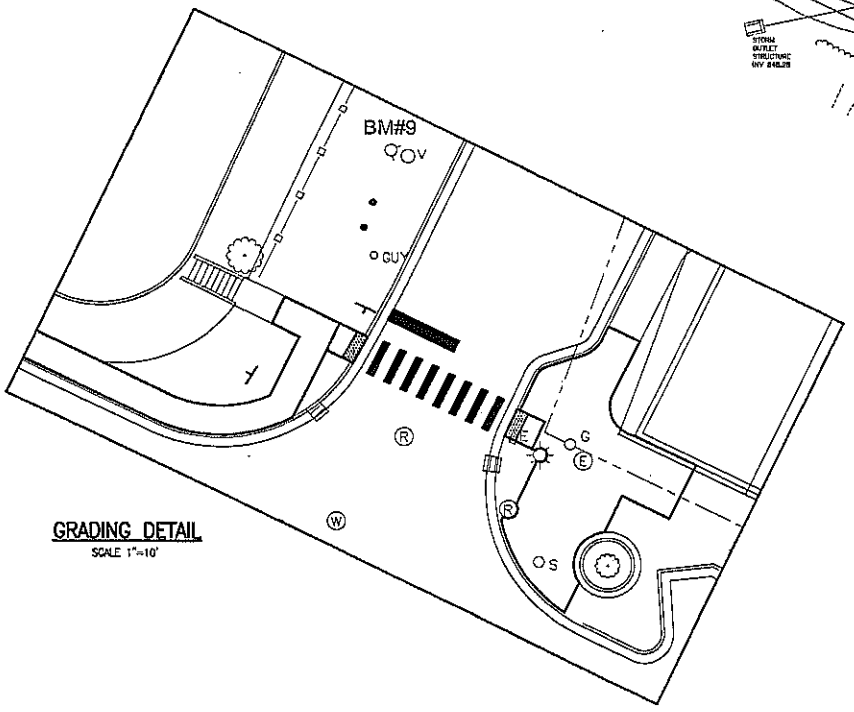
JOB BENCHMARK # 8
ARROW ON HYDRANT ON S. SIDE MAIN ST DEXTER BANK & GAS STATION
ELEV 889.81

JOB BENCHMARK # 9
STEAMER VALVE ON HYDRANT AT THE INTERSECTION OF MAIN & ALPINE
ELEV 887.09



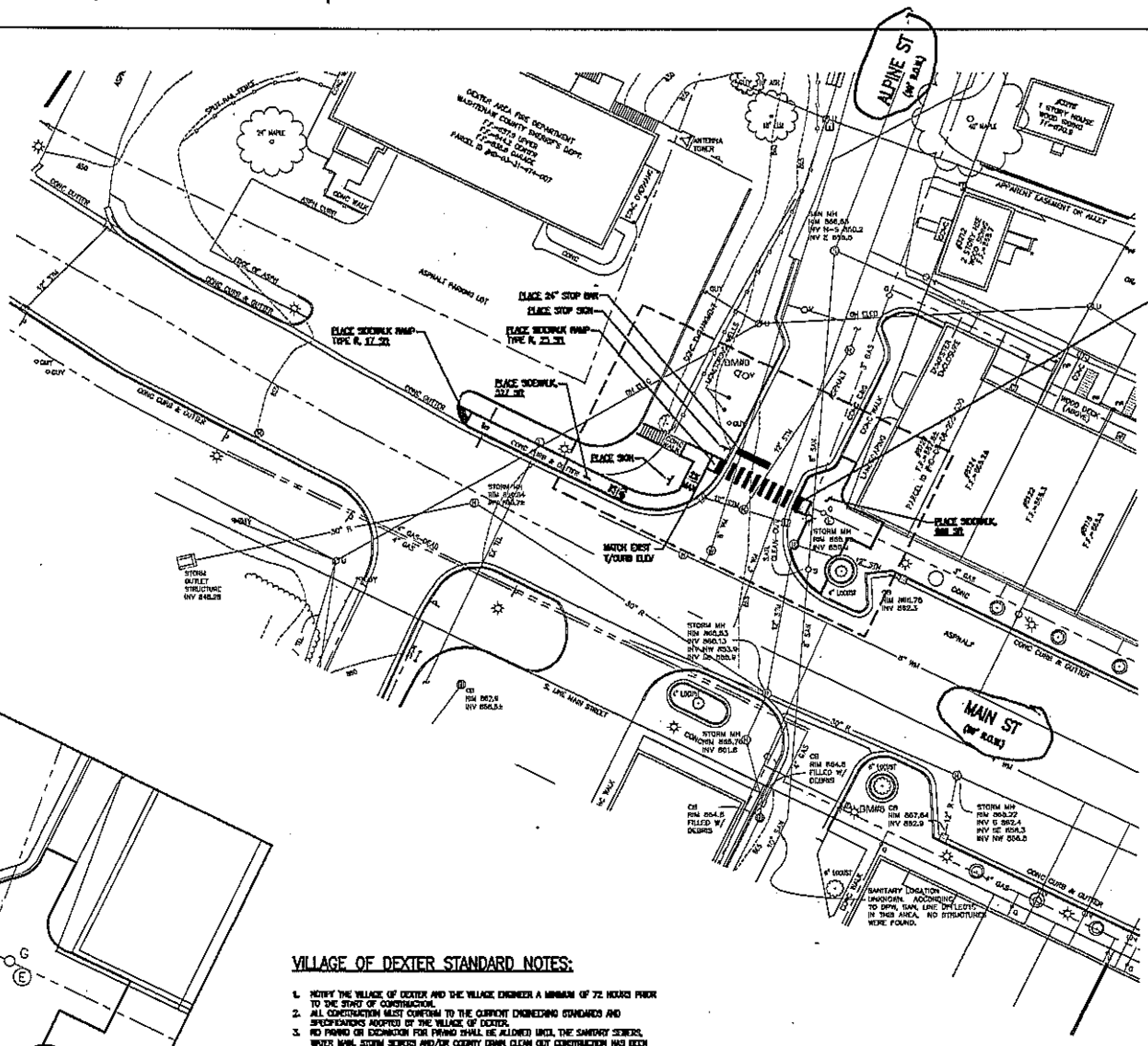
SIDEWALK DETAIL

NO SCALE



GRADING DETAIL

SCALE 1"=10'



VILLAGE OF DEXTER STANDARD NOTES:

1. NOTIFY THE VILLAGE OF DEXTER AND THE VILLAGE ENGINEER A MINIMUM OF 72 HOURS PRIOR TO THE START OF CONSTRUCTION.
2. ALL CONSTRUCTION MUST CONFORM TO THE CURRENT ENGINEERING STANDARDS AND SPECIFICATIONS ADOPTED BY THE VILLAGE OF DEXTER.
3. NO PAVING OR EXCAVATION FOR PAVING SHALL BE ALLOWED UNTIL THE SANITARY SEWERS, WATER MAIN, STORM SEWERS AND/OR COUNTY DRAIN CLEAN OUT CONSTRUCTION HAS BEEN APPROVED BY THE VILLAGE.
4. CALL MISS DIG (800-482-7171) A MINIMUM OF 72 HOURS PRIOR TO THE START OF CONSTRUCTION.
5. ALL SOIL EROSION AND SILT MUST BE CONTROLLED AND CONTAINED ONSITE PRIOR TO THE START OF CONSTRUCTION.
6. ALL EXCAVATION UNDER THE INFLUENCE OF PAVEMENT, EXISTING OR PROPOSED, SHALL BE BACKFILLED AND COMPACTED WITH CLASS II SAND TO 95% OF MAXIMUM UNIT WEIGHT.
7. THE CONTRACTOR IS RESPONSIBLE FOR RESTORING ALL DISTURBED AREAS TO THE CONDITIONS THAT EXISTED PRIOR TO THE START OF CONSTRUCTION.
8. WORKING HOURS (INCLUDING RUNNING OF ANY MACHINERY) SHALL BE RESTRICTED TO MONDAY THROUGH SATURDAY, 7:00 a.m. TO 7:00 p.m.; SUNUP TO SUNDOWN, WHICHEVER IS LESS.

3 FULL WORKING DAYS
BEFORE YOU DIG
CALL MISS DIG
1-800-482-7171

OHM

DATE	BY	CHKD	REVISIONS
11/17/09			

0130-10-0060

VILLAGE OF DEXTER

34600 Plymouth Road | Livonia, MI 48150 | P (734) 522-5711 | F (734) 522-6427

WWW.OHM-ADVISORS.COM

MAIN STREET SIDEWALK
CONSTRUCTION PLAN

SHEET 4 OF 5

DRAWING DATE: 11/17/2009

P109

Village of Dexter
Traffic Control Order

TCO #	Date Issued	Perm. Date	Date Installed	Control #
09032010-1	09/24/2010	12/16/2010		

Type	
SPECIAL	18x24 "No Thru Traffic" Black letters on white background

Location	See attached map

Justification

Through traffic cutting through the subdivision to avoid the traffic signal at Dexter-Pinckney Road & Island Lake Road has created concerns for excessive speeds and residential safety. The installation of "No Thru Traffic" signs will provide for enforcement of violators of this TCO. Three (3) signs are to be installed - one each at Samuel Drive, Westridge Drive and Eastridge Drive.

Materials and Equip.

Three (3) "No Thru Traffic signs - 18 x 24 inches
Three (3) steel posts

Supporting documentation and illustrations attached
Notes:

See Attached Map for Sign Locations

Recommended By:	Authorized By:	Installed By:
James J. Valenta, P.E.	Donna Dettling	
J Valenta		
Village Traffic Engineer	Village Manager	

WATCH FOR CHILDREN

CHAPTER 5

A variety of signs exist to try and warn of the presence of children, "Watch for Children," "Slow, Children at Play," etc. The request for these signs generally stem from parents' concern for their children's safety in the streets near their home. Unfortunately, the request for this type of signage is based on a widespread but false belief that traffic signs provide protection.

Effects

Volumes. No effect

Speed. Little or no effect.

Traffic Noise, Air Quality and Energy Consumption. Little or no effect.

Traffic Safety. Little or no effect.

Cost

Minimal for one installation. May become significant if installed at a large number of locations.

Additional Considerations

There is no indication that signs of this type achieve the desired safety benefits. Since children live in virtually every neighborhood, signs would have to be posted in all blocks, or drivers might assume that no children live where the signs are not posted.

Signs of this type might indicate that the street is an acceptable place to play.

There is no evidence or documentation that this type of signing has any legal consequence.

P113

AGENDA 9-13-10
ITEM I-5

Village President Report

Hello Residents and Fellow Council Members,

Here is a summary of my activity since my last report and some of my future planned activities:

Activities Since my Last Report

August 18, 2010 – Regional Fire Department Meeting at the Dexter District Library – the regional committee is trying to establish a joint meeting date where all four boards can attend a presentation to discuss the effort to date. Please let me know your availability for September 23rd, September 29th and October 5th as we will try to schedule this so the majority of people can attend.

September 1, 2010 – Representatives of the Chelsea Area Construction Agency requested a meeting with Donna Dettling and I. We met at the Village offices with 3 representatives of their Agency, including their building inspector and they explained how they were set up, how they interacted with the public, how their fees were established and discussed their current capacity. They are currently supporting 6 communities including City of Chelsea, Lima Twp, Sylvan Twp, Lyndon Twp Sharon Twp and Dexter Twp. I attended the meeting with the idea that if Washtenaw County decides to stop this service in the future, we may need to find another option, not because I think we need to make this switch today. Washtenaw County is currently providing this service to the Village of Dexter. They would be required to provide one-year advance notification if they were going to discontinue the service. If Council is interested in more information about this, we could arrange for a workshop whereby the Agency representatives could meet everyone.

Last Friday, I learned that the Village (Donna Dettling) was asked to listen in on a conference call (on Sept 1) with our attorney, Steve Estey of Dykema and Mr. Ron Reynolds representing Blackhawk Development, regarding an old legal issue that has essentially been inactive since a Supreme Court ruling in 2005. The legal issue involves the construction of two access drives from Dan Hoey, across property owned by Blackhawk Development, by the developer during the construction of the Dexter Commerce projects (Jetts Pizza, Mobil, Dexter Orthodontics, etc…). The property that Blackhawk owns is adjacent to and north of Dan Hoey. One drive approach goes directly into the parking area of the commercial center from Dan Hoey and the second is directly across Dan Hoey from Lexington Street. Please see the attached map that shows the location of these two access drives. As I understand it, the Village got an easement from Kingsley years ago to relocate, reconstruct, open and improve Dan Hoey, so that Dan Hoey could line up better (perpendicular, I guess) with Dexter Ann Arbor Road. Kingsley then sold land, including the area covered by the easement, to Blackhawk. The court ruling states that the easement does not include the right to allow access driveways across it, thus burdening the Blackhawk property. Our easement was only for the purpose of realigning and reconstructing Dan Hoey. The two access drives were requested from the Village by the developer (John Kingsley) of this project, who upon objection from Blackhawk during the Village's site plan approval agreed to indemnify the Village from any action that may result from any objection by Blackhawk. Mr. Estey expects to receive a letter from Mr. Reynolds on behalf of Blackhawk in

the near future stating that Blackhawk may initiate some action on this matter, and is even threatening to enforce closing off the two access drives. Apparently, Blackhawk has not had the funds to do anything but now wants to cut a deal with the Village in exchange for keeping the access drives open. To better understand this information, I spoke with Mr. Estey briefly on Tuesday morning and by means of this summary I am trying to provide Council with a heads up that the Village may receive the above described letter in the near future. The Court Opinion and Development Agreement are included as additional items in your packets. I will be happy to try to answer any questions you have on this at the meeting.

Future Activities

September 13, 2010 – Village Council Meeting

September 15, 2010 – Regional Fire Department Meeting at the Dexter District Library

September 16, 2010 – Downtown Development Authority meeting

September 16, 2010 – Suds on the River in support of the Huron River Watershed Council

September 20, 2010 – Economic Preparedness Committee

September 21, 2010 – Union Negotiation meeting at Village offices

September 22, 2010 – Fire Detection Committee meeting - The committee recently met on August 25th, however, I was unable to attend. It is unlikely that I will be able to attend the Sept meeting, but I wanted everyone to know when it is scheduled

September 22, 2010 – Tupper Property Redevelopment Team meeting – It is unlikely that I will be able to attend this meeting, but I wanted everyone to know when it is scheduled

September 24, 2010 – Regional Economic Development Meeting – organized by Mark Ouimet, Washtenaw County Commissioner

September 27, 2010 – Village Council Meeting

As always, I welcome each of you to contact me with any questions and/or suggestions you may have. See you around our town.

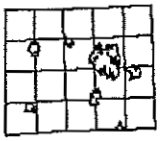
Shawn Keough

Village President

(734) 426-5486 (home number)

(313) 363-1434 (cell phone)

Location Map



N

0 80 160

Feet

1 inch = 101.8 feet

WASHTENAW COUNTY MICHIGAN 1826

Geographic Information System

The information contained in this cadastral map is used to locate, identify and inventory parcels of land in Washtenaw County for appraisal and taxing purposes only and is not to be construed as a "survey description". The information is provided with the understanding that the conclusions drawn from such information are solely the responsibility of the user. Any assumption of the geometric accuracy of this data is hereby disclaimed

NOTE: PARCELS MAY NOT BE TO SCALE

GIS Map Print

THIS MAP REPRESENTS PARCELS AT THE TIME OF PRINTING. THE OFFICIAL PARCEL TAX MAPS ARE MAINTAINED SOLELY BY THE WASHTENAW COUNTY EQUALIZATION DEPARTMENT AND CAN BE OBTAINED BY CONTACTING THAT OFFICE AT 734-222-6662.

Date Printed: 09/01/2010

AGENDA 9-13-10

ITEM S-1

SUMMARY OF BILLS AND PAYROLL

13-Sep-10

Payroll Check Register	08/25/10	$45,714.70	Bi-weekly payroll processing
	9/8/2010	$34,848.15	
Account Payable Check Register	09/13/10	$621,984.22	
		$702,547.07	TOTAL BILLS & PAYROLL EXPENDED ALL FUNDS

Summary Items from Bills & Payroll	Amount	Comments

ALL PAYABLES ARE WITHIN ACCEPTABLE BUDGET LIMITS
DETAIL VENDOR LIST AND ACCOUNT SUMMARY PROVIDED

Exceptions:

"This is the summary report that will be provided with each packet. Approval of the total bills and payroll expended, all funds will be necessary."

VENDOR APPROVAL SUMMARY REPORT

Date: 09/08/2010
Time: 3:08pm
Village of Dexter Page: 1

Vendor Name	Vendor Number	Description	Check Amount	Hand Check Amount
ABSOLUTE COMPUTER SERVICES	ABSOLUTE C	SERVICE ON SERVER	90.00	0.00
ALEXANDER CHEMICAL CORPORATION	ALEXANDER	DEPOSIT FEE REFUND	2,229.50	0.00
ARBOR CARE TREE SURGEONS	ARBOR CARE	TREES	845.00	0.00
ARBOR LAND CONSULTANTS, INC.	ARBOR LAND	TOPOGRAPHICAL SURVEYS	950.00	0.00
ARBOR SPRINGS WATER CO.INC	ARBOR SPRI	1 5 GAL SPRING WATER	5.75	0.00
AT&T	AT&T	734 426-4572 813 0	1,374.63	0.00
KURT AUGUSTINE	AUGUSTINE/	EXPENSE REPORT	215.30	0.00
BARRETT PAVING MATERIALS INC	BARRETT PA	COMM. TOPPIN TONS	130.90	0.00
BELL EQUIPMENT COMPANY	BELL EQUIP	STREET SWEEPER	147,634.00	0.00
BRIDGEWATER TIRE COMPANY, INC.	BRIDGE TIR	1 TIRE REPAIR	20.00	0.00
CAROL A. BREUNINGER	CAROL BREU	DEPOSIT OF COMPOST	2,500.00	0.00
CINTAS CORPORATION	CINTAS	AUGUST STATEMENT	479.79	0.00
CMR MECHANICAL	CMR	CRACKED SEAL BURNER	1,888.42	0.00
COMCAST	COMCAST	09588 328749 01 4	263.75	0.00
CORRIGAN OIL COMPANY	CORRIGAN O	GAS	975.15	0.00
CREATIVE LAWN & LANDSCAPE, LLC	CREATIVE	MONTHLY MAINTENANCE	2,125.00	0.00
CRIBLEY WELL DRILLING CO INC	CRIBLEY	4 5 GAL WATERS-WWTP	17.00	0.00
DEPARTMENT OF TRANSPORTATION	DEPARTMENT	PAVING DEXTER ANN ARBOR	53,223.32	0.00
DEXTER AREA FIRE DEPARTMENT	DAFD	QUARTERLY PAYMENT	93,629.00	0.00
DEXTER CARDS & GIFTS SHOP	DEX CARDS	OFFICE SUPPLIES	12.20	0.00
DIUBLE EQUIPMENT INCORPORATED	DIUBLE EQU	FUEL CAP	12.25	0.00
DONNA DETTLING	DONNA D	REIMBURSE SUBSCRIPTION RENEWAL	215.66	0.00
DORNBOS SIGN & SAFTEY INC.	DORNBOS	SIGNS	1,236.25	0.00
ANDREA DORNEY	DORNEY/AND	EXPENSE REPORT	178.00	0.00
DOUGLAS N. HIGGINS, INC	DOUGLAS HI	CATCH BASIN REPAIR	1,500.00	0.00
DTE ENERGY-STREET LIGHTING	DTE ENERGY	0000-7727-1	5,639.15	0.00
DYKEMA GOSSETT PLLC	DYKEMA	PROF. SERVICES	752.00	0.00
ENVIRONMENTAL RESOURCE ASSOC	ENVIR RESO	PORTABLEWATR-COLIFORM	251.15	0.00
ETNA SUPPLY CO	ETNA SUPPL	METER WIRE	259.68	0.00
GRAINGER	GRAING	BALL VALVE	104.22	0.00
GRIFFIN PEST CONTROL INC	PEST CONTR	QUARTERLY PAYMENT	144.00	0.00
GRISSOM JANITORIAL	GRISSOM	OFFICE CLEANING	320.00	0.00
HACKNEY HARDWARE	HACKNEY	AUGUST STATEMENT	618.84	0.00
HERITAGE NEWSPAPERS	HERITAGE N	LEGALS	378.00	0.00
HOPP ELECTRIC,INC.	HOPPS	REPAIR TO LIGHT POLES	1,541.49	0.00
IDEXX DISTRIBUTION CORP	IDEXX DIST	LAB SUPPLIES	927.38	0.00
LESSORS WELDING SUPPLY	LESSORS	CYLINDER RENTAL	22.50	0.00
LOWE'S BUSINESS ACCOUNT	LOWE S	SUPPLIES	175.33	0.00
MCI	MCI	LONG DISTANCE	20.94	0.00
METRO ENVIROMENTAL SERVICES	METRO ENVI	VACTOR TRUCK CLEANING	2,332.50	0.00
MICHIGAN MUNICIPAL LEAGUE	MICHIGAN M	SEPT. 2010-MMA & YOUR COMMUNIT	25.00	0.00
MICHIGAN MUNICIPAL RISK	MI RISK MG	10/1/2010 PAYMENT	17,377.00	0.00
MICHIGAN PRINTER SERVICE	MPS	PART FOR PRINTER	80.00	0.00
MIDWESTERN CONSULTING	MIDWEST	TRAFFIC MAJOR STREETS	393.25	0.00
NORTH CENTRAL LABORATORIES	NCL	LAB SUPPLIES	417.96	0.00
ORCHARD, HILTZ & MCCLIMENT INC	OHM	AUGUST INVOICES	107,951.27	0.00
PARAGON LABORATORIES INC	PARA	LAB SUPPLIES	345.00	0.00
PARTS PEDDLER AUTO SUPPLY	PARTS PEDD	AUGUST STATEMENT	167.08	0.00
PRINT-TECH, INC.	PRINT TECH	NEWSLETTER AND MAILING	1,383.75	0.00
RADTKE TRUCKING, LLC	ROY R	LIME STONE	720.00	0.00
RICOH AMERICAS CORPORATION	RICOH AMER	PERIODIC PAYMENT	1,110.42	0.00
ROTO ROOTER	ROTO ROOTE	JETTER LINE INTO TANK	1,070.00	0.00
SHERWIN-WILLIAMS	SHERWIN	PAINT	301.20	0.00
SOIL AND MATERIALS ENGINEERING	SME	DEXTER-ANN ARBOR RD. PROJ.	5,206.10	0.00
STAPLES BUSINESS ADVANTAGE	STAPLES OF	OFFICE SUPPLIES	854.76	0.00
US BANK CORPORATE TRUST	US	SPECIAL ASSESSMENT BONDS	118,375.00	0.00
VARNUM, RIDDERING, SCHMIDT	VARNUM, RI	LEGAL SERVICES	311.85	0.00
VARSITY FORD	VARSITY FO	PARTS	44.66	0.00
VICTOR STANLEY, INC.	VIC STANLE	4-6 FT. BENCHES	4,042.00	0.00
WASHTENAW COUNTY ROAD	W CTY ROAD	ROUTINE MAINTENANCE	109.12	0.00
WASHTENAW COUNTY SOIL EROSION	SOIL EROSI	8252 HURON ST-EQ BASIN	260.00	0.00
WASHTENAW COUNTY TREASURER	W CTY TREA	LAW ENF. SEPT 2010	36,200.75	0.00
		Grand Total:	621,984.22	0.00

Fund Department Account	GL Number Abbrev	Vendor Name Invoice Description	Check Number	Invoice Number	Due Date	Amount
Fund: General Fund						
Dept: Village Council						
101-101.000-802.000	Profession	DONNA DETTLING REIMBURSE SUBSCRIPTION RENEWAL	0		09/07/2010	200.00
101-101.000-802.000	Profession	HERITAGE NEWSPAPERS LEGALS	0		09/07/2010	31.50
101-101.000-901.000	Printing &	PRINT-TECH, INC. NEWSLETTER AND MAILING	0	200208	09/08/2010	1,383.75
101-101.000-956.000	Council Di	ORCHARD, HILTZ & MCCLIMENT INC AUGUST INVOICES	0		09/08/2010	275.75
				Total Village Council		1,891.00
Dept: Village Manager						
101-172.000-727.000	Office Sup	STAPLES BUSINESS ADVANTAGE OFFICE SUPPLIES	0		09/08/2010	61.66
101-172.000-955.000	Miscellane	DONNA DETTLING EXPENSE REPORT	0		09/07/2010	15.66
				Total Village Manager		77.32
Dept: Attorney						
101-210.000-810.000	Attorney F	DYKEMA GOSSETT PLLC PROF. SERVICES	0	1351377	09/07/2010	752.00
				Total Attorney		752.00
Dept: Village Clerk						
101-215.000-901.000	Printing &	HERITAGE NEWSPAPERS LEGALS	0		09/07/2010	261.00
101-215.000-901.000	Printing &	HERITAGE NEWSPAPERS LEGALS	0		09/07/2010	54.00
				Total Village Clerk		315.00
Dept: Village Treasurer						
101-253.000-727.000	Office Sup	STAPLES BUSINESS ADVANTAGE OFFICE SUPPLIES	0		09/08/2010	262.97
				Total Village Treasurer		262.97
Dept: Buildings & Grounds						
101-265.000-727.000	Office Sup	ARBOR SPRINGS WATER CO.INC 1 5 GAL SPRING WATER	0	1212937	09/07/2010	5.75
101-265.000-727.000	Office Sup	DEXTER CARDS & GIFTS SHOP OFFICE SUPPLIES	0	1451	09/07/2010	7.50
101-265.000-727.000	Office Sup	HACKNEY HARDWARE AUGUST STATEMENT	0		09/08/2010	7.82
101-265.000-727.000	Office Sup	RICOH AMERICAS CORPORATION RE-FILL STAPLES FOR COPIER	0	506704785	09/08/2010	77.50
101-265.000-727.000	Office Sup	STAPLES BUSINESS ADVANTAGE OFFICE SUPPLIES	0		09/08/2010	203.78
101-265.000-727.000	Office Sup	STAPLES BUSINESS ADVANTAGE OFFICE SUPPLIES	0		09/08/2010	227.57
101-265.000-803.000	Contracted	ABSOLUTE COMPUTER SERVICES SERVICE ON SERVER	0	62384	09/07/2010	90.00
101-265.000-920.000	Utilities	COMCAST 09588 328749 01 4	0		09/07/2010	263.75
101-265.000-935.000	Bldg Maint	CINTAS CORPORATION AUGUST STATEMENT	0		09/07/2010	69.11
101-265.000-935.000	Bldg Maint	HOPP ELECTRIC,INC. REPAIRS TO HAZEL'S	0	S3185	09/07/2010	100.00
101-265.000-935.001	Office Cle	GRISSOM JANITORIAL OFFICE CLEANING	0	337	09/07/2010	320.00
101-265.000-936.000	Equip Serv	RICOH AMERICAS CORPORATION PERIODIC PAYMENT	0	11872831	09/08/2010	1,032.92
101-265.000-977.000	Equipment	MICHIGAN PRINTER SERVICE PART FOR PRINTER	0	10G0398	09/08/2010	80.00
				Total Buildings & Grounds		2,485.70
Dept: Village Tree Program						
101-285.000-803.000	Contracted	ARBOR CARE TREE SURGEONS TREES	0		09/08/2010	845.00
				Total Village Tree Program		845.00
Dept: Law Enforcement						
101-301.000-803.000	Contracted	WASHTENAW COUNTY TREASURER LAW ENF. SEPT 2010	0	19188	09/08/2010	36,200.75

Fund / Department / Account	GL Number Abbrev	Vendor Name / Invoice Description	Check Number	Invoice Number	Due Date	Amount
Fund: General Fund						
Dept: Law Enforcement						
				Total Law Enforcement		36,200.75
Dept: Fire Department						
101-336.000-803.000	Contracted	DEXTER AREA FIRE DEPARTMENT QUARTERLY PAYMENT	0		09/07/2010	93,629.00
101-336.000-935.000	Bldg Maint	GRIFFIN PEST CONTROL INC QUARTERLY PAYMENT	0	757514	09/07/2010	144.00
101-336.000-970.000	Capital Im	HOPP ELECTRIC,INC. REPAIRS TO HAZEL'S	0	S3185	09/07/2010	741.33
				Total Fire Department		94,514.33
Dept: Planning Department						
101-400.000-727.000	Office Sup	STAPLES BUSINESS ADVANTAGE OFFICE SUPPLIES	0		09/08/2010	19.79
101-400.000-960.000	Education	MICHIGAN MUNICIPAL LEAGUE SEPT. 2010-MMA & YOUR COMMUNIT	0		09/08/2010	25.00
				Total Planning Department		44.79
Dept: Department of Public Works						
101-441.000-740.000	Operating	HACKNEY HARDWARE AUGUST STATEMENT	0		09/08/2010	153.57
101-441.000-740.000	Operating	LESSORS WELDING SUPPLY CYLINDER RENTAL	0	196265	09/08/2010	22.50
101-441.000-740.000	Operating	LOWE'S BUSINESS ACCOUNT SUPPLIES	0		09/08/2010	32.61
101-441.000-745.000	Uniform Al	CINTAS CORPORATION AUGUST STATEMENT	0		09/07/2010	184.07
101-441.000-751.000	Gasoline &	CORRIGAN OIL COMPANY GAS	0		09/07/2010	260.97
101-441.000-802.000	Profession	HOPP ELECTRIC,INC. REPAIR TO LIGHT POLES	0	S3216	09/07/2010	700.16
101-441.000-935.000	Bldg Maint	HACKNEY HARDWARE AUGUST STATEMENT	0		09/08/2010	13.54
101-441.000-935.000	Bldg Maint	SHERWIN-WILLIAMS PAINT SUPPLIES	0	1828-0	09/08/2010	117.28
				Total Department of Public Works		1,484.70
Dept: Downtown Public Works						
101-442.000-740.000	Operating	HACKNEY HARDWARE AUGUST STATEMENT	0		09/08/2010	49.46
101-442.000-740.000	Operating	LOWE'S BUSINESS ACCOUNT SUPPLIES	0		09/08/2010	142.72
101-442.000-740.000	Operating	SHERWIN-WILLIAMS PAINT SUPPLIES	0	9784-6	09/08/2010	19.58
101-442.000-740.000	Operating	SHERWIN-WILLIAMS PAINT	0	9704-4	09/08/2010	164.34
101-442.000-802.000	Profession	CREATIVE LAWN & LANDSCAPE, LLC MONTHLY MAINTENANCE	0	20051572	09/07/2010	2,125.00
				Total Downtown Public Works		2,501.10
Dept: Engineering						
101-447.000-830.000	Engineerin	ORCHARD, HILTZ & MCCLIMENT INC AUGUST INVOICES	0		09/08/2010	247.50
				Total Engineering		247.50
Dept: Municipal Street Lights						
101-448.000-920.003	St Lights	DTE ENERGY-STREET LIGHTING 0000-7727-1	0		09/07/2010	5,639.15
101-448.000-970.000	Capital Im	ORCHARD, HILTZ & MCCLIMENT INC AUGUST INVOICES	0		09/08/2010	412.50
				Total Municipal Street Lights		6,051.65
Dept: Solid Waste						
101-528.000-806.000	Contracted	CAROL A. BREUNINGER DEPOSIT OF COMPOST	0		09/07/2010	2,500.00
				Total Solid Waste		2,500.00
Dept: Parks & Recreation						
101-751.000-732.000	Ice Rink S	ARBOR LAND CONSULTANTS, INC. TOPOGRAPHICAL SURVEYS	0	2646	09/07/2010	400.00

Fund / Department / Account	GL Number Abbrev	Vendor Name / Invoice Description	Check Number	Invoice Number	Due Date	Amount
Fund: General Fund						
Dept: Parks & Recreation						
101-751.000-802.000	Profession	WASHTENAW COUNTY SOIL EROSION GRAND STREET INSPECTION	0	1000008-81210	09/08/2010	130.00
101-751.000-977.000	Equipment	VICTOR STANLEY, INC. 4-6 FT. BENCHES	0	S017053	09/08/2010	4,042.00
				Total Parks & Recreation		4,572.00
Dept: Insurance & Bonds						
101-851.000-911.000	Insurance	MICHIGAN MUNICIPAL RISK 10/1/2010 PAYMENT	0	92992-2	09/08/2010	7,472.11
				Total Insurance & Bonds		7,472.11
					Fund Total	162,217.92
Fund: Major Streets Fund						
Dept: Contracted Road Construction						
202-451.000-803.000	Contracted	ARBOR LAND CONSULTANTS, INC. TOPOGRAPHICAL SURVEYS	0	2646	09/07/2010	550.00
202-451.000-803.000	Contracted	DOUGLAS N. HIGGINS, INC CATCH BASIN REPAIR	0	400-10-1	09/07/2010	1,500.00
202-451.000-803.000	Contracted	METRO ENVIROMENTAL SERVICES VACTOR TRUCK CLEANING	0	42125	09/08/2010	1,166.25
202-451.000-974.000	CIP Capita	DEPARTMENT OF TRANSPORTATION PAVING DEXTER ANN ARBOR	0	328563	09/07/2010	53,223.32
202-451.000-974.000	CIP Capita	ORCHARD, HILTZ & MCCLIMENT INC AUGUST INVOICES	0		09/08/2010	12,640.25
202-451.000-974.000	CIP Capita	SOIL AND MATERIALS ENGINEERING DEXTER-ANN ARBOR RD. PROJ.	0		09/08/2010	5,206.10
				Total Contracted Road Construction		74,285.92
Dept: Routine Maintenance						
202-463.000-740.000	Operating	BARRETT PAVING MATERIALS INC COMM. TOPPIN TONS	0	121548	09/07/2010	64.35
202-463.000-740.000	Operating	RADTKE TRUCKING, LLC LIME STONE	0		09/08/2010	720.00
202-463.000-740.000	Operating	WASHTENAW COUNTY ROAD ROUTINE MAINTENANCE	0	507811	09/08/2010	109.12
202-463.000-803.002	Pavement M	ORCHARD, HILTZ & MCCLIMENT INC AUGUST INVOICES	0		09/08/2010	990.00
202-463.000-911.000	Insurance	MICHIGAN MUNICIPAL RISK 10/1/2010 PAYMENT	0	92992-2	09/08/2010	1,563.93
				Total Routine Maintenance		3,447.40
Dept: Traffic Services						
202-474.000-740.000	Operating	DORNBOS SIGN & SAFTEY INC. SIGN	0	50301	09/07/2010	58.17
202-474.000-740.000	Operating	DORNBOS SIGN & SAFTEY INC. SIGNS	0	50469	09/07/2010	1,178.08
202-474.000-802.000	Profession	MIDWESTERN CONSULTING TRAFFIC MAJOR STREETS	0	3088A-71	09/08/2010	393.25
202-474.000-802.000	Profession	ORCHARD, HILTZ & MCCLIMENT INC AUGUST INVOICES	0		09/08/2010	895.00
202-474.000-911.000	Insurance	MICHIGAN MUNICIPAL RISK 10/1/2010 PAYMENT	0	92992-2	09/08/2010	208.52
				Total Traffic Services		2,733.02
Dept: Winter Maintenance						
202-478.000-911.000	Insurance	MICHIGAN MUNICIPAL RISK 10/1/2010 PAYMENT	0	92992-2	09/08/2010	260.66
				Total Winter Maintenance		260.66
					Fund Total	80,727.00
Fund: Local Streets Fund						
Dept: Contracted Road Construction						
203-451.000-803.000	Contracted	METRO ENVIROMENTAL SERVICES VACTOR TRUCK CLEANING	0	42125	09/08/2010	1,166.25
203-451.000-803.000	Contracted	ORCHARD, HILTZ & MCCLIMENT INC AUGUST INVOICES	0		09/08/2010	424.00

Fund / Department / Account	GL Number Abbrev	Vendor Name / Invoice Description	Check Number	Invoice Number	Due Date	Amount
Fund: Local Streets Fund						
Dept: Contracted Road Construction						
203-451.000-974.001	Other capi	ORCHARD, HILTZ & MCCLIMENT INC AUGUST INVOICES	0		09/08/2010	1,568.75
				Total Contracted Road Construction		3,159.00
Dept: Routine Maintenance						
203-463.000-740.000	Operating	KURT AUGUSTINE REIMBURSE PURCHASE-EXPENSE REP	0		09/07/2010	107.70
203-463.000-740.000	Operating	BARRETT PAVING MATERIALS INC COMM. TOPPIN TONS	0	121294	09/07/2010	66.55
203-463.000-740.000	Operating	KURT AUGUSTINE EXPENSE REPORT	0		09/08/2010	107.60
203-463.000-802.000	Profession	ORCHARD, HILTZ & MCCLIMENT INC AUGUST INVOICES	0		09/08/2010	537.50
203-463.000-803.002	Pavement M	CMR MECHANICAL CRACKED SEAL BURNER	0	5325	09/07/2010	165.00
203-463.000-803.002	Pavement M	ORCHARD, HILTZ & MCCLIMENT INC AUGUST INVOICES	0		09/08/2010	241.25
203-463.000-911.000	Insurance	MICHIGAN MUNICIPAL RISK 10/1/2010 PAYMENT	0	92992-2	09/08/2010	404.88
				Total Routine Maintenance		1,630.48
Dept: Traffic Services						
203-474.000-911.000	Insurance	MICHIGAN MUNICIPAL RISK 10/1/2010 PAYMENT	0	92992-2	09/08/2010	203.31
				Total Traffic Services		203.31
Dept: Winter Maintenance						
203-478.000-911.000	Insurance	MICHIGAN MUNICIPAL RISK 10/1/2010 PAYMENT	0	92992-2	09/08/2010	260.66
				Total Winter Maintenance		260.66
					Fund Total	5,253.45
Fund: Streetscape Debt Service Fund						
Dept: Streetscape						
303-570.000-990.002	Debt '98 S	US BANK CORPORATE TRUST SPECIAL ASSESSMENT BONDS	0	3322_5	09/08/2010	60,000.00
303-570.000-996.005	Streetscap	US BANK CORPORATE TRUST SPECIAL ASSESSMENT BONDS	0	3322_5	09/08/2010	4,500.00
				Total Streetscape		64,500.00
					Fund Total	64,500.00
Fund: Equipment Replacement Fund						
Dept: Department of Public Works						
402-441.000-939.000	Vehicle Ma	BRIDGEWATER TIRE COMPANY, INC. 1 TIRE REPAIR	0	54222	09/07/2010	20.00
402-441.000-939.000	Vehicle Ma	DIUBLE EQUIPMENT INCORPORATED FUEL CAP	0	80041	09/07/2010	12.25
402-441.000-939.000	Vehicle Ma	PARTS PEDDLER AUTO SUPPLY AUGUST STATEMENT	0		09/08/2010	136.33
402-441.000-939.000	Vehicle Ma	VARSITY FORD PARTS	0	199404	09/08/2010	44.66
				Total Department of Public Works		213.24
Dept: Capital Improvements-Vehicles						
402-903.000-981.000	Vehicles	BELL EQUIPMENT COMPANY STREET SWEEPER	0	72033	09/08/2010	147,634.00
				Total Capital Improvements-Vehicles		147,634.00
					Fund Total	147,847.24
Fund: SRF Project Fund						
Dept: Equalization Basin						
403-905.000-830.000	Engineerin	ORCHARD, HILTZ & MCCLIMENT INC AUGUST INVOICES	0		09/08/2010	27,638.50
				Total Equalization Basin		27,638.50

Fund / Department / Account	GL Number Abbrev	Vendor Name / Invoice Description	Check Number	Invoice Number	Due Date	Amount
Fund: SRF Project Fund						
					Fund Total	27,638.50
Fund: DWRF Project Fund						
Dept: Capital Improvements						
404-901.000-830.000	Engineerin	ORCHARD, HILTZ & MCCLIMENT INC AUGUST INVOICES	0		09/08/2010	51,708.52
				Total Capital Improvements		51,708.52
					Fund Total	51,708.52
Fund: Sewer Enterprise Fund						
Dept: Administration						
590-248.000-811.000	Atty Misc	VARNUM, RIDDERING, SCHMIDT LEGAL SERVICES	0	825246	09/08/2010	311.85
				Total Administration		311.85
Dept: Sewer Utilities Department						
590-548.000-740.000	Operating	CRIBLEY WELL DRILLING CO INC 4 5 GAL WATERS-WWTP	0		09/07/2010	17.00
590-548.000-740.000	Operating	HACKNEY HARDWARE AUGUST STATEMENT	0		09/08/2010	140.52
590-548.000-740.000	Operating	STAPLES BUSINESS ADVANTAGE OFFICE SUPPLIES	0		09/08/2010	78.99
590-548.000-742.000	Chem Plant	ALEXANDER CHEMICAL CORPORATION CHEMICALS	0	438549	09/07/2010	2,364.50
590-548.000-742.000	Chem Plant	ALEXANDER CHEMICAL CORPORATION DEPOSIT FEE REFUND	0	438550	09/07/2010	-100.00
590-548.000-742.000	Chem Plant	ALEXANDER CHEMICAL CORPORATION DEPOSIT FEE REFUND	0	439380	09/07/2010	-35.00
590-548.000-743.000	Chem Lab	ENVIRONMENTAL RESOURCE ASSOC PORTABLEWATR-COLIFORM	0	590285	09/07/2010	251.15
590-548.000-743.000	Chem Lab	IDEXX DISTRIBUTION CORP LAB SUPPLIES	0	245753985	09/08/2010	927.38
590-548.000-743.000	Chem Lab	NORTH CENTRAL LABORATORIES LAB SUPPLIES	0	274826	09/08/2010	187.70
590-548.000-743.000	Chem Lab	NORTH CENTRAL LABORATORIES LAB SUPPLIES	0	274047	09/08/2010	230.26
590-548.000-745.000	Uniform Al	CINTAS CORPORATION AUGUST STATEMENT	0		09/07/2010	120.96
590-548.000-745.000	Uniform Al	ANDREA DORNEY EXPENSE REPORT	0		09/07/2010	112.00
590-548.000-751.000	Gasoline &	CORRIGAN OIL COMPANY GAS	0		09/07/2010	714.18
590-548.000-802.000	Profession	CMR MECHANICAL WWTP SERVICE AND PARTS	0	5255	09/07/2010	1,723.42
590-548.000-802.000	Profession	ORCHARD, HILTZ & MCCLIMENT INC AUGUST INVOICES	0		09/08/2010	581.00
590-548.000-802.000	Profession	ROTO ROOTER JETTED LINE FOR CLAIRIFIER	0	665455	09/08/2010	535.00
590-548.000-802.000	Profession	ROTO ROOTER JETTER LINE INTO TANK	0	665199	09/08/2010	535.00
590-548.000-802.000	Profession	WASHTENAW COUNTY SOIL EROSION 8252 HURON ST-EQ BASIN	0	0900126-83110	09/08/2010	65.00
590-548.000-824.000	Testing &	PARAGON LABORATORIES INC EPA200 8W COPPER	0	63296	09/08/2010	40.00
590-548.000-861.000	Travel & M	ANDREA DORNEY EXPENSE REPORT	0		09/07/2010	66.00
590-548.000-901.000	Printing &	HERITAGE NEWSPAPERS LEGALS	0		09/07/2010	31.50
590-548.000-911.000	Insurance	MICHIGAN MUNICIPAL RISK 10/1/2010 PAYMENT	0	92992-2	09/08/2010	5,213.10
590-548.000-920.001	Telephones	AT&T 734 426-4572 813 0	0		09/07/2010	907.26
590-548.000-920.001	Telephones	MCI LONG DISTANCE	0		09/08/2010	20.94
590-548.000-935.000	Bldg Maint	HACKNEY HARDWARE AUGUST STATEMENT	0		09/08/2010	6.10
590-548.000-937.000	Equip Main	GRAINGER BALL VALVE	0	933284736	09/07/2010	104.22

Fund / Department / Account	GL Number Abbrev	Vendor Name / Invoice Description	Check Number	Invoice Number	Due Date	Amount
Fund: Sewer Enterprise Fund						
Dept: Sewer Utilities Department						
590-548.000-937.000	Equip Main	HACKNEY HARDWARE AUGUST STATEMENT	0		09/08/2010	20.27
590-548.000-937.000	Equip Main	PARTS PEDDLER AUTO SUPPLY AUGUST STATEMENT	0		09/08/2010	23.98
				Total Sewer Utilities Department		14,882.43
					Fund Total	15,194.28
Fund: Water Enterprise Fund						
Dept: Water Utilities Department						
591-556.000-740.000	Operating	DEXTER CARDS & GIFTS SHOP OFFICE SUPPLIES	0	1451	09/07/2010	4.70
591-556.000-740.000	Operating	HACKNEY HARDWARE AUGUST STATEMENT	0		09/08/2010	129.02
591-556.000-740.000	Operating	PARTS PEDDLER AUTO SUPPLY AUGUST STATEMENT	0		09/08/2010	4.58
591-556.000-745.000	Uniform Al	CINTAS CORPORATION AUGUST STATEMENT	0		09/07/2010	105.65
591-556.000-802.000	Profession	WASHTENAW COUNTY SOIL EROSION 2704 BAKER-WATER MAIN REPLACEM	0	0900209-83110	09/08/2010	65.00
591-556.000-824.000	Testing &	PARAGON LABORATORIES INC LAB SUPPLIES	0	63441	09/08/2010	305.00
591-556.000-911.000	Insurance	MICHIGAN MUNICIPAL RISK 10/1/2010 PAYMENT	0	92992-2	09/08/2010	1,789.83
591-556.000-920.001	Telephones	AT&T 734 426-4572 813 0	0		09/07/2010	467.37
591-556.000-937.000	Equip Main	HACKNEY HARDWARE AUGUST STATEMENT	0		09/08/2010	98.54
591-556.000-937.000	Equip Main	PARTS PEDDLER AUTO SUPPLY AUGUST STATEMENT	0		09/08/2010	2.19
591-556.000-977.000	Equipment	ETNA SUPPLY CO METER WIRE	0	1838827	09/07/2010	259.68
				Total Water Utilities Department		3,231.56
Dept: Long-Term Debt						
591-850.000-995.004	1998 Water	US BANK CORPORATE TRUST GENERAL OBLIGATIONS BONDS	0	3323_5	09/08/2010	53,875.00
				Total Long-Term Debt		53,875.00
Dept: Capital Improvements						
591-901.000-974.000	CIP Capita	ORCHARD, HILTZ & MCCLIMENT INC AUGUST INVOICES	0		09/08/2010	9,085.75
				Total Capital Improvements		9,085.75
					Fund Total	66,192.31
Fund: Trust & Agency Fund						
Dept: Assets, Liabilities & Revenue						
701-000.000-253.056	Dexter Pha	ORCHARD, HILTZ & MCCLIMENT INC AUGUST INVOICES	0		09/08/2010	705.00
				Total Assets, Liabilities & Revenue		705.00
					Fund Total	705.00
					Grand Total	621,984.22

AGENDA 9-13-10

ITEM J-2

Temporary Sign Request – Village Property

Examples of Village Property include public parks, the area between the sidewalk and the curb, public plaza areas, and Village facilities.

Name of Organization: St. Andrew's United Church of Christ

The organization qualifies as: (non-profit) charitable educational (religious)

Contact Person: Pati Wheeler, Office Manager and Financial Secretary

Organization Address: 7610 Ann Arbor Street, Dexter, MI 48130

Contact Phone/E-mail: (734) 426-8610 E-mail: standrews@provide.net

Reason for Request: Advertise annual Sauerkraut Supper fundraiser

Dates Requested: October ~~21~~ 7 - October 21, 2010

Number of Signs Requested** 2 large Size** 36 x 24 (Existing Signs)
3 small 18 x 24

**The Village's goal is to limit the number of signs and locations used for temporary signage. If the request exceeds five (5) signs and/or includes a sign larger than 18" x 24" please use the back of the form to explain why you need to exceed the guidelines.

Sign Locations: Select all that apply:

Entrances to the Village – Baker, Central, Dexter (Dexter Hill, small sign) Ann Arbor, Main St

Baker/Main

Monument Park (small)

Near Each of the Five Schools

Other – please explain in detail: Large Signs at Church and at St. Andrew's Cemetery on Baker Road

By signing this application I understand/agree that:

1 – The signs must be approved by Village Council before they are posted.

2 – My request must be received at least three (3) weeks prior to the starting date of the request. (Village Council meets on the second and fourth Monday of every month and the request must be submitted by the Monday before the meeting)

3 – Placing the signs prior to Council approval is grounds for the request to be denied.

4 – The signs will be removed within 24 hours of the end of the approved period.

Carol J. Jones

Signature of Applicant Carol J. Jones
Church President

Date

Date Received: 8/31/10 Date Approved by Council:

AGENDA 9-13-10
ITEM J-3

Dexter Area Historical Society
3443 Inverness
Dexter, MI 48130

On Saturday, October 2, 2010, during Apple Daze, the Dexter Area Historical Society will be holding a fund raiser by offering informational tours of Forest Lawn Cemetery from 1-3 pm. Since people will be walking through the cemetery to view various gravesites and learn about former Dexter residents, we are asking for permission to have those attending the tours to park on the grass outside the cemetery along Grand Street from 12:30 to 4 pm.

Stephanie Bell
Chairperson

AGENDA 9-13-10

ITEM S-4

Temporary Sign Request – Village Property

Examples of Village Property include public parks, the area between the sidewalk and the curb, public plaza areas, and Village facilities.

Name of Organization: DEXTER KNIGHTS OF COLUMBUS

The organization qualifies as: non-profit (charitable) educational religious

Contact Person: JOHN FINKE

Organization Address: 8265 DEXTER - CHELSEA RD

Contact Phone/E-mail: 734-645-1897 JFINKE@CHARTER.NET

Reason for Request: SIGNS ADVERTISING FALL CHICKEN BROIL AT K/C HALL

Dates Requested: 9/20 THRU 10/3

Number of Signs Requested** 5 Size** 18 X 24

**The Village's goal is to limit the number of signs and locations used for temporary signage. If the request exceeds five (5) signs and/or includes a sign larger than 18" x 24" please use the back of the form to explain why you need to exceed the guidelines.

Sign Locations: Select all that apply:

Entrances to the Village – Baker, Central, Dexter Ann Arbor, Main St

Baker/Main

Monument Park

Near Each of the Five Schools

Other – please explain in detail: SEE ATTACHED

By signing this application I understand/agree that:

1 – The signs must be approved by Village Council before they are posted.

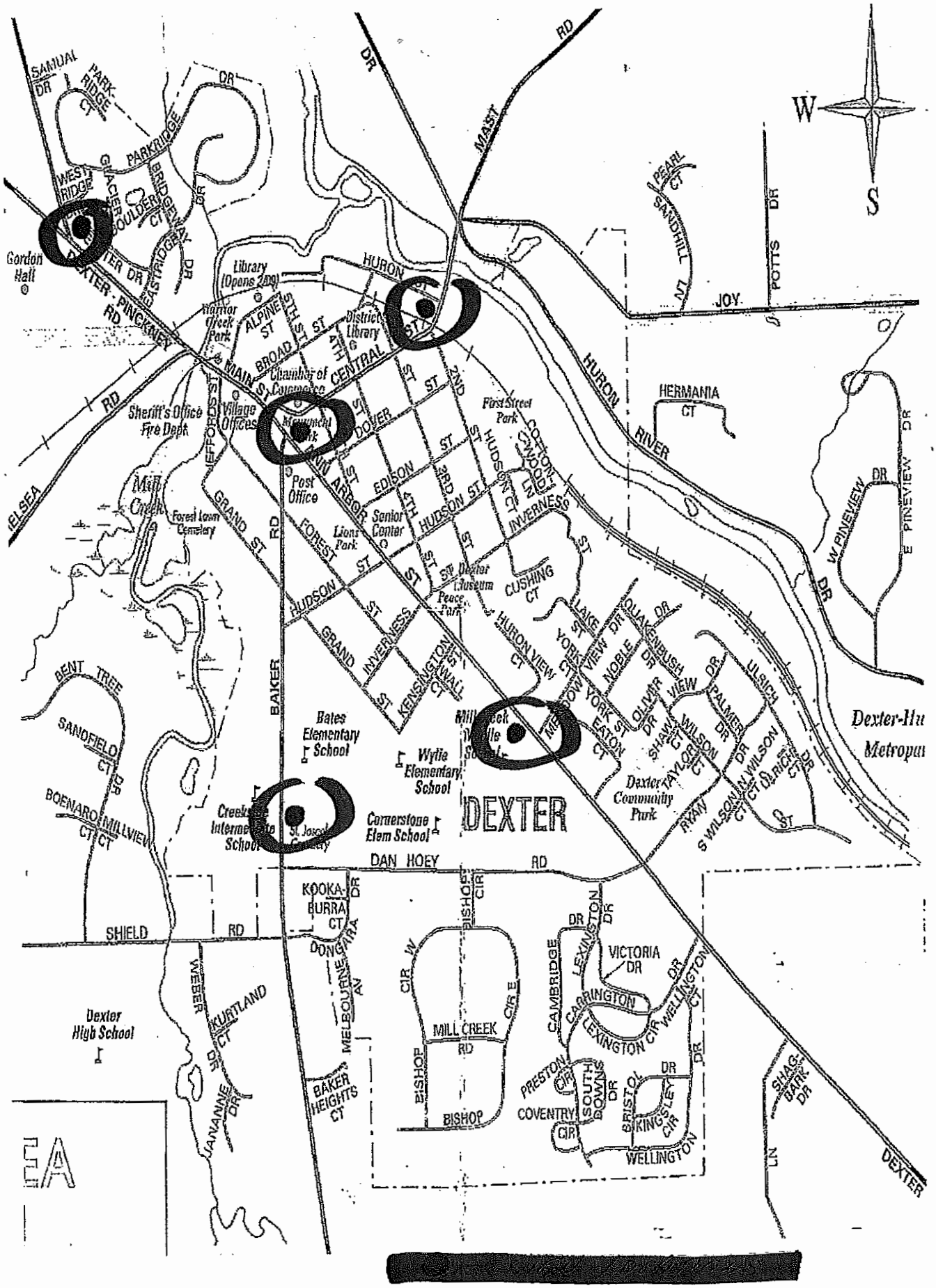
2 – My request must be received at least three (3) weeks prior to the starting date of the request. (Village Council meets on the second and fourth Monday of every month and the request must be submitted by the Monday before the meeting)

3 – Placing the signs prior to Council approval is grounds for the request to be denied.

4 – The signs will be removed within 24 hours of the end of the approved period.

Signature of Applicant Date 8/23/10

Date Received: 8/24/10 Date Approved by Council:


W
S
Gordon Hall
Library (Opens 2000)
Warrior Creek Park
District Library
Chamber of Commerce
Village Offices
Sheriff's Office Fire Dept
Post Office
First Street Park
Senior Center
Lions Park
Dexter Museum
Peace Park
Forest Lawn Cemetery
Mill Creek
Bates Elementary School
Wylie Elementary School
Creekside Intermediate School
St Joseph Cemetery
Cornerstone Elem School
Dexter Community Park
DEXTER
Dexter High School
Dexter-Hu
Metropo
HURON
RIVER
MAIN ST
CENTRAL
BAKER
DAN HOEY RD
SHIELD RD
DEXTER-PINCKNEY RD
ELSEA
JOY
POTTS
HERMANIA CT
W PINEVIEW
E PINEVIEW
MILL CREEK RD
BISHOP
WELLINGTON
VICTORIA DR
CARRINGTON
LEXINGTON
CAMBRIDGE
PRESTON
COVENTRY
SOUTH DOWNS
BRISTOL
KINGSLEY
SHAGBARK DR
DEXTER

AGENDA 9-13-10

ITEM J-5.

Temporary Sign Request – Village Property

Examples of Village Property include public parks, the area between the sidewalk and the curb, public plaza areas, and Village facilities.

Name of Organization: Village Arts, Culture, Heritage Committee

The organization qualifies as: non-profit charitable educational religious

Contact Person: Courtney Nicholls

Organization Address: 8140 Main

Contact Phone/E-mail: cnicholls@village-of-dexter.org

Reason for Request: sandwich board sign to advertise Soup, Slams & S'mores – the Village sandwich board sign exceeds 18"x24" the sign will only be displayed on the day of the event.

Dates Requested: September 25, 2010

Number of Signs Requested** 1 Size** 3' x 2'

**The Village's goal is to limit the number of signs and locations used for temporary signage. If the request exceeds five (5) signs and/or includes a sign larger than 18" x 24" please use the back of the form to explain why you need to exceed the guidelines.

Sign Locations: Select all that apply:

Entrances to the Village – Baker, Central, Dexter Ann Arbor, Main St

Baker/Main

Monument Park

Near Each of the Five Schools

Other – please explain in detail: Driveway to Mamo Creek Park

By signing this application I understand/agree that:

1 – The signs must be approved by Village Council before they are posted.

2 – My request must be received at least three (3) weeks prior to the starting date of the request. (Village Council meets on the second and fourth Monday of every month and the request must be submitted by the Monday before the meeting)

3 – Placing the signs prior to Council approval is grounds for the request to be denied.

4 – The signs will be removed within 24 hours of the end of the approved period.

Courtney Nicholls — Signature of Applicant

9/8/10 — Date

Date Received: 9/8/10 Date Approved by Council: _____

AGENDA 9-13-10

ITEM J-6

Temporary Sign Request – Village Property

Examples of Village Property include public parks, the area between the sidewalk and the curb, public plaza areas, and Village facilities.

Name of Organization: DEXTER LIONS CLUB

The organization qualifies as: (non-profit) charitable educational religious

Contact Person: JIM CARSON

Organization Address: P.O. BOX 102

Contact Phone/E-mail: 734-502-4257 jcarson@aiserv.net

Reason for Request: APPLE DAZE FESTIVAL OCTOBER 2ND

Dates Requested: SEPT 28 - OCTOBER 2

Number of Signs Requested** 5 Size** 18"x24"

**The Village's goal is to limit the number of signs and locations used for temporary signage. If the request exceeds five (5) signs and/or includes a sign larger than 18" x 24" please use the back of the form to explain why you need to exceed the guidelines.

Sign Locations: Select all that apply:

Entrances to the Village – Baker, Central, Dexter Ann Arbor, Main St

✓ Baker/Main & DAN HOEY & RYAN DR.

✓ Monument Park - NEAR CENTRAL

Near Each of the Five Schools

✓ Other – please explain in detail: LIONS PARK - SENIOR CTR.

By signing this application I understand/agree that:

1 – The signs must be approved by Village Council before they are posted.

2 – My request must be received at least three (3) weeks prior to the starting date of the request. (Village Council meets on the second and fourth Monday of every month and the request must be submitted by the Monday before the meeting)

3 – Placing the signs prior to Council approval is grounds for the request to be denied.

4 – The signs will be removed within 24 hours of the end of the approved period.

JIM CARSON 9/8/10

Signature of Applicant Date

Date Received: _____ Date Approved by Council: _____

P136

AGENDA 9-13-10

ITEM S-7

VILLAGE OF DEXTER-PARKS COMMISSION

8140 Main Street • Dexter, Michigan 48130-1092 • (734) 426-8303 • Fax (734) 426-5614

Date Received: 9/8/10

APPLICATION FOR PARK/FACILITY USE
AND RELEASE OF LIABILITY WAIVER

Applicant/Sponsoring Party DEXTER LIONS CLUB Phone/Email _____

Primary Contact JIM CARSON Phone/Email 734-502-4257 / JCARSON@AISCOW.NET

Secondary Contact BOB HOATLIN Phone/Email 734-426-8517 / RHOATLIN05@COMCAST.NET

Address (City, State, Zip) P.O. BOX 102 DEXTER, MI 48130

Brief Description of the Event: APPLE DAZE EVENT, CLASSIC CAR SHOW

Day and hours for which the permit is desired, and rain date, if applicable:

10:00AM - 5:00PM SATURDAY OCT. 2ND, 2010

CHECK ALL THAT APPLY

Park Use ☒ Facility Use ☐ List the Facility MONUMENT PARK Road Closure ☒ Fire/Burning ☐

CENTRAL STREET TO 5TH 10-2 7AM CLOSED
10-2 6PM OPEN

FEES

Residents – $25/4 hours
Non Village Residents -$150/4 hours, $50 each additional hour,
*Exempt from Fee: Chamber, Non-profits (501(C)3), Community Events
Damage Deposit Required - $200 for ALL users

THE FOLLOWING ACTIVITIES REQUIRE A PARKS/FACILITY USE PERMIT (check ALL that apply)

☐ Conduct exhibitions.
☐ Hold a parade.
☑ Display, or offer for sale, any article in any park or recreation area.
☐ Hold assembly involving 30 participants or more (exempts classroom activities).
☐ Construct or erect any building or structure of whatever kind, whether permanent or temporary or sell or give away from such tent, stand or other structure any food, drink, or other thing, or run or string any public service utility into, upon or across such lands.
☐ Distribute, deliver or place any bill, billboard, placard, banner, circular, or other advertisement.
☐ Furnish and/or consume any beer, wine, or other alcoholic beverage within the boundaries of any park or recreation area.
☑ Road Closure
☐ Fire Pit or other fire activities

INSTRUCTIONS AND REQUIREMENTS FOR APPLICATION

1. Application must be filed, and complete, at least 3 weeks prior to scheduled event (includes administrative approval). It is recommended that contact be made with the Sheriff's Dept. and Fire Dept. immediately if road closures, contracts and authorizations will be necessary.

2. Contact the Washtenaw County Sheriff Department substation in Dexter (734) 426-0228 to evaluate the need for contracted officers for event, routes, times and fee. Provide copy of agreement/contract with WCSD. This can take up to 3 weeks, please plan accordingly.

3. Contact the Dexter Area Fire Department (734) 426-4500 to evaluate the need for contracted officers for event, routes, times and fee. Provide copy of agreement/contract with the DAFD and obtain approval signatures.

   9-3-10 9-3-10

   DAFD Signature Date WCSD Signature Date

4. The Washtenaw County Road Commission (734) 761-1500 may require additional Road Closure permits for events within their jurisdiction.

5. General liability insurance in the amount of $1,000,000 must be provided by all groups/organizations and must name the Village of Dexter as additionally insured. The insurance shall be provided for the day of the event only. Individuals issued permits for facility use shall check with their homeowners insurance policy to assure that coverage is provided for hosted events off site.

6. Hold harmless/indemnification waiver (below) must be signed and dated.

7. Signage – Council approval is required for all temporary signs advertising an event. Provide the Village with a road closure sign plan indicating where signs are required. The Village of Dexter has limited road closure signage therefore contracts may be required with a road sign company. Contact Poco-734-397-1677; or Spartan- 313-292-2488, if applicable.

8. A complete diagram/map/routes for events and road closures must include distances, schedule, etc.

9. Road Closures require that the applicant notify all residents/businesses affected by the closure. Notification must be completed a minimum of 2 weeks prior to the event. Please indicate on the permit the date in which notification will be completed. DATE COMPLETED:_____

10. Loading and Unloading is NOT permitted within parks and on the grass unless permission is specifically granted. If loading and unloading is required temporary road closures may be arranged.

11. Application must note if there will be alcoholic beverage sales at your event. Additional liability insurance is required for events with alcohol sales and a copy of the insurance must be provided.

12. Waste Management – You are responsible for clean up after your event. Arrangements should be made with Waste Management for trash disposal: (800) 971-7490.

13. Provide information on the village services that will be requested, i.e. barricades, detour signs, etc.

14. Publication Methods – Please circle all that apply: Village event calendar village newsletter, Dexter Leader, Chamber Newsletter, Flyers, Brochures, Banners, Others_____

TERMS OF USE

As a representative for and on behalf of the Sponsoring Party, the applicant acknowledges the following:

1. Sponsoring parties, that are individual residents, or commercial or non-profit enterprises with a State registered operating address within the Village of Dexter, are entitled to use the Village parks and assets of

the parks at no charge. All other sponsoring parties will be charged non-resident fees at a *minimum* rate of $150. This rate is a block rate and allows the Sponsoring Party a maximum of four contiguous hours of rental use. Additional hours may be requested and authorized at a rate of $50 per hour.

2. If the Sponsoring Party is authorized to use a park gazebo or other designated facility or space, expect to have exclusive use of that gazebo, facility or designated space for the period defined in this permit.
3. The park, in which the authorized activity will be located, will continue to be open for use by the public during the period of the authorized activity and the authorized activity or use of the park will not unreasonably interfere with or detract from the general public's enjoyment of the park during the authorized hours of the event.
4. The authorized activity or use will not unreasonably interfere with the promotion of public health, welfare, safety and recreation consistent with Dexter's mission.
5. The authorized activity or use will not include or cause violence, crime or disorderly conduct on the part of any individual participating in the authorized event, activity, or use.
6. Village of Dexter parks and park facilities are valuable community assets and, as such, are to be treated with respect and care including, but not limited to, all structures, lighting, benches, and related physical assets. No modifications are to be made to any park or park asset without the express written consent of the Village of Dexter. Modifications include affixing anything to the gazebos. All natural areas, trees, boulders, and other landscaping, and memorials are to be protected from damage and not subject to wear and tear from either human or animal activity.
7. A $200 damage deposit will be required for all events. The damage deposit is to assure that potential repair costs are covered, if applicable, and determined solely by the Village of Dexter. The deposit will be returned upon inspection of the facilities the following workday.
8. The Sponsoring Party agrees that all site clean-up is the responsibility of the Sponsoring Party and not the Village of Dexter.
9. To the best of the Sponsoring Party's ability, the authorized activity will not require or cause unanticipated or unauthorized expense by the Village of Dexter, its departments, units or services, or its community police operations. The Village of Dexter and/or its community police operation reserve the right to invoice the Sponsoring Party for additional costs incurred as a result of the authorized use specified in this application. It will be the responsibility of the Sponsoring Party to pay such costs. Such costs may be related but not limited to police services, damage to facilities, landscaping, sidewalks, grass, or other park assets, or post-activity area or facility clean-up.
10. Rental fees and damage deposits, if applicable, must be paid in full before the permit is granted.
11. The Sponsoring Party must provide a copy of the permit, if requested, at the event.

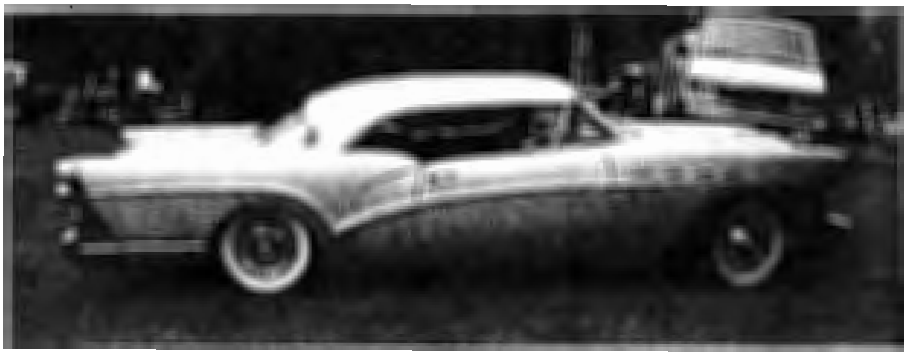
HOLD HARMLESS AGREEMENT

To the fullest extent permitted by law, Dexter Lions Club, the Sponsoring Party, agrees to defend, pay in behalf of, indemnify, and hold harmless the Village of Dexter, its elected and appointed officials, employees and volunteers and others working in behalf of the Village of Dexter against any and all claims, demands, suits, or loss, including all costs connected therewith, and for any damages which may be asserted, claimed or recovered against or from the Village of Dexter, its elected and appointed officials, employees, volunteer or others working in behalf of the Village of Dexter, by reason of personal injury, including bodily injury or death and/or property damage, including loss of use thereof, which arises out of or is in any way connected or associated with this contract.

Date 9-7-10 Signed Jim Carson

Dexter Lions Club

Apple Daze Car Show

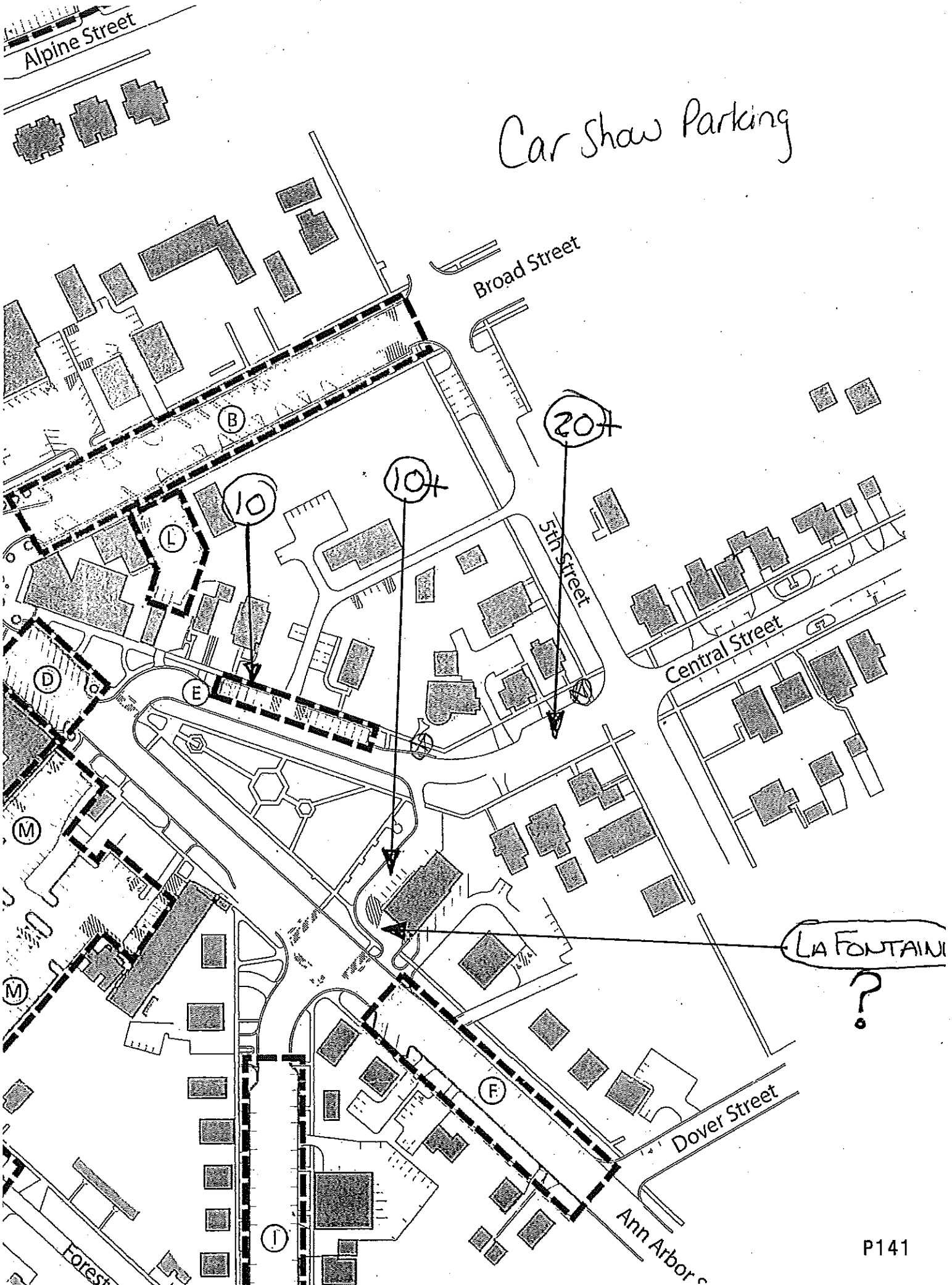


Saturday, October 2, 2010
10:00 AM – 3:00 PM

The Dexter Lions Club will be hosting a car show during Dexter Apple Daze. It is free, no pre-registration required and dash plaques will be supplied. It will be located in downtown Dexter on Central St., adjacent to Monument Park.

Bring your classic, street rod or special interest vehicle to the first annual Apple daze Car Show. Be sure to let us know if you plan to attend so we can reserve a spot for you. Contact the following for this event.

Dennis Berry
(734) 668-8437
56Skyhawk@comcast.net


Car Show Parking
Alpine Street
Broad Street
5th Street
Central Street
Dover Street
Ann Arbor
Forest
B
L
D
E
M
M
F
I
10
10+
20+
LA FONTAINE
?

2010 Temporary Sign Requests

	Name of Group	Dates	Number Approved	Approval Date	Locations
January	Friends of the Library - Book Sale	7-9	9 - 18" x 24"	12/14/2009	1,4,16,17,18 19(2), 20(2)
February	Knights of Columbus - Rummage Sale	Jan 26-7	6 - 18" x 24"	1/25/2010	1,2,5,6,10,11
	Friends of the Library - Book Sale	4-6	9 - 18" x 24"	12/14/2009	1,4,16,17,18 19(2), 20(2)
	Encore Theatre - Intermittent	4-21	2 sandwich 3 directional	11/23/2009	15,16
	Community Band - Concert	17-28	4 - 2' x 4'	2/8/2010	2,3,4,5
March	Community Orchestra - Concert	Feb 24 - 7	4 - 3' x 4'	12/28/2009	2,4,5,9
	Friends of the Library - Book Sale	4-6	9 - 18" x 24"	12/14/2009	1,4,16,17,18 19(2), 20(2)
	Knights of Columbus - Fish Fry	9-26	5 - 18" x 24"	3/8/2010	1,5,6,7,10
April	Friends of the Library - Book Sale	1-3	9 - 18" x 24"	12/14/2009	1,4,16,17,18 19(2), 20(2)
	Encore Theatre - Intermittent	March 15-18	2 sandwich 3 directional	11/23/2009	15,16
	St. Andrews - Dinner	4-8	1 - 24" x 36"	3/22/2010	8
	Historical Society - Art Fair	4-17	6 - 28" x 25"	2/8/2010	1,5,7,10,12,13
	Dexter High Drama - Play	15-25	1 - 4' x 8' 5 - 3' x 3'	4/12/2010	3
	United Methodist - Rummage Sale	17-26	3 - 24" x 36" 4 - 18" x 24"	3/22/2010	1,2,4,6,7,10,21
	Community Band - Concert	14-25	4 - 2' x 4'	2/8/2010	2,3,4,5
	St. Andrews - Blood Drive	19-26	2 - 28" x 22"	4/12/2010	8, 22
May	Historical Society - Quilt Show	April 16-2	4 - 21" x 24"	4/12/2010	1,5,6,10
	Friends of the Library - Book Sale	April 29 - 1	9 - 18" x 24"	12/14/2009	1,4,16,17,18 19(2), 20(2)
	St. Andrews - Dinner	2-6	1 - 24" x 36"	3/22/2010	8
	Community Orchestra - Concert	12-23	4 - 3' x 4'	12/28/2009	2,4,5,9
	ACH - Songs, Slams, Smores	22	1 - 3' x 2'	5/10/2010	26
	Dexter Lions - White Cane Week	28-29	5 - 16"x30"	4/26/2010	23,24,25,10,16
June	Dexter Garden Club - Garden Walk	May 25-5	5 - 24" x 36"	5/24/2010	1,9,2,33,28
	Community Garden	May 25 - 15	2 - 18" x 24"	5/24/2010	31
	Dexter Chamber - Summer Music	May 21-7	1 - 8' x 3'	5/10/2010	1
June Cont.	Encore Theatre - Intermittent	May 17-20	2 sandwich 3 directional	11/23/2009	15,16
	Dexter Soccer Club	May 28 - 12	5 - 18" x 24"	5/24/2010	10,4,5,11,32
	St. Andrews - Rummage Sale	1-12	2 - 36" x 24" 6 - 18" x 24"	5/24/2010	2,10,8,5,22,29, 30
	Friends of the Library - Book Sale	3-5	9 - 18" x 24"	12/14/2009	1,4,16,17,18 19(2), 20(2)
	Community Orchestra - Concert	8-18	3 - 3' x 4'	3/8/2010	4,5,9
	Relay for Life	19-27	5 - 18" x 24"	6/14/2010	1, 2, 4, 5, 10
	Boy Scouts - Rummage Sale	23-26	3 - 4' x 5'	5/10/2010	1,10,7
July	St. Josephs - Summer Festival	June 28-19	1 - 4' x 4'	6/28/2010	5
August	Alpha Coney - Cancer Fundraiser	July 27-3	5 - 18" x 24"	7/26/2010	1;4,21,7,2
	St. Andrews - Ice Cream Social	July 26-5	2 - 36" x 24" 3 - 18" x 24"	7/12/2010	1, 2, 6, 8, 10
	Encore Theatre - Intermittent	July 19-22	2 sandwich 3 directional	11/23/2009	15,16
	Dexter Daze	July 30-15	5 - 18" x 24"	5/24/2010	5,2,10,4,1
	Friends of the Library - Book Sale	12-14	9 - 18" x 24"	12/14/2009	1,4,16,17,18 19(2), 20(2)
	Lion's Club Leos - Senior Center Fundraiser	14-28	5 - 24" x 14"	7/26/2010	4,34,1,35,10
September	St. Andrews - Dinner	4-8	1 - 24" x 36"	3/22/2010	8
	United Methodist - Rummage Sale	17-27	3 - 24" x 36" 4 - 18" x 24"	3/22/2010	1,2,4,6,7,10,21
	St. Andrews - Blood Drive	20-27	2 - 28" x 22"	4/12/2010	8, 22
October	Friends of the Library - Book Sale	Sept 30 - 2	9 - 18" x 24"	12/14/2009	1,4,16,17,18 19(2), 20(2)
	St. Andrews - Dinner	3-7	1 - 24" x 36"	3/22/2010	8
November	St. Andrews - Dinner	Oct 31 - 4	1 - 24" x 36"	3/22/2010	8
	Friends of the Library - Book Sale	4-6	9 - 18" x 24"	12/14/2009	1,4,16,17,18 19(2), 20(2)
December	St. Andrews - Dinner	Nov 28 - 2	1 - 24" x 36"	3/22/2010	8
	Friends of the Library - Book Sale	2-4	9 - 18" x 24"	12/14/2009	1,4,16,17,18 19(2), 20(2)

Location Listing: 1 - Baker/Main, 2 - Central/Mill, 3 - Dexter Ann Arbor/Copeland, 4 - Main/Alpine, 5 - Baker/Cemetery, 6 - Monument Park, 7 - Creekside, 8 - 7610 Dexter Ann Arbor, 9 - Peace Park, 10 - Dexter Ann Arbor/Limits, 11 - Cornerstone, 12 - Bates, 13 - 3443 Inverness, 14 - 7720 Ann Arbor Street, 15 - S. Main/Broad, 16 - N. Main/Broad, 17 - Edison/Ann Arbor Street, 18 - Dover/Fifth, 19 - Central/Fifth, 20 - Broad/Fifth, 21 - Mill Creek Middle School, 22 - Fourth/Inverness, 23 - Dexter Bakery, 24 - Lighthouse, 25 - Dexter Pharmacy 2, 26-Warrior Creek Park Driveway, 27-Dexter Flowers, 28-Terry B's, 29-7795 Ann Arbor St, 30 - 7915 Fourth, 31 - 7651 Dan Hoey, 32 - Wylie, 33-Lions Park, 34-Lions Park, 35-Dexter Crossing Entrance, 36 - Dan Hoey/Dexter Ann Arbor

**The Senior Center had signage approved on March 8 however they have informed the Village that they will not be putting out the sign.

**The Dexter Farmers Market received permission to place 8 signs on Tuesday & Saturday during the hours of the Market.

** Connexions Church received permission to place 4 signs on Sunday mornings through 2010 in locations - 1,5,36,21

AGENDA 9-13-10
ITEM L-1

ATHELETIC BOOSTER CLUB OF DEXTER
P.O. Box 461
Dexter, MI 48130

September 2, 2010

Attn: Ms. Courtney Nicholls
Dexter Village Council
8140 Main Street
Dexter, MI 48103

Dear Village Council Members,

The Athletic Booster Club of Dexter (ABCD) is a non-profit organization which raises funds for Dexter Community School athletes. One way we raise funds is through holding 50/50 raffles at sporting events. This requires a license from the State of Michigan. The state requires that a resolution first be passed by Dexter Village Council when submitting an application for a charitable gaming license.

ABCD is requesting approval from the Dexter Village Council for a charitable gaming license. We would like to submit this agenda item for your next meeting and we ask the council members to vote for its approval.

I have enclosed a copy of the Local Governing Body Resolution for Charitable Gaming Licenses form and the cover letter from the State of Michigan for you to reference. Also enclosed is a self-addressed, stamped envelope for your convenience in returning the completed form to ABCD.

If you should have any questions or concerns, please do not hesitate to contact me. ABCD appreciates your consideration in this matter.

Very truly yours,

Michelle Haviland
ABCD Treasurer
(734) 388-0264

Received 9/3/10
CN

State of Michigan
Bureau of State Lottery
101 E. Hillsdale • P.O. BOX 30023 • Lansing, Michigan 48909
www.michigan.gov/cg • (517) 335-5780 • FAX (517) 267-2285

JENNIFER M. GRANHOLM
GOVERNOR

MICHIGAN LOTTERY
M. Scott Bowen
COMMISSIONER

August 19, 2010

Organization ID: 131949

President
Athletic Booster Club of Dexter
PO Box 461
Dexter, MI 48130

Dear President:

We have received documentation to qualify your organization as a Local Civic organization to conduct licensed gaming events as allowed by Act 382 of the Public Acts of 1972, as amended.

To complete the qualification process, please submit the following information:

1. A copy of a resolution passed by the local government stating the organization is a recognized nonprofit organization in the community; form enclosed.

2. A revenue and expense statement for the previous 12 month period to prove all assets are used for charitable purposes, i.e. 990's, treasurer's report, audit. Do not send check registers or cancelled checks. Explain the purpose of each expenditure made to an individual. Once the organization has conducted licensed gaming events, the Bureau may require the organization to provide additional proof that all assets are being used for charitable purposes.

Please enclose a copy of this letter with the requested information and mail or fax to 517/267-2285. Be sure to include your organization ID number 131949 on all correspondence submitted to our office.

We look forward to working with you in the future. If you have any questions or need further assistance, please contact us at 517/335-5780.

Sincerely,

Charitable Gaming Division

MICHIGAN LOTTERY
Charitable Gaming Division
Box 30023, Lansing, MI 48909
OVERNIGHT DELIVERY:
101 E. Hillsdale, Lansing MI 48933
(517) 335-5780
www.michigan.gov/cg

LOCAL GOVERNING BODY RESOLUTION FOR CHARITABLE GAMING LICENSES

(Required by MCL.432.103(K)(ii))

At a _____ meeting of the _____
REGULAR OR SPECIAL — TOWNSHIP, CITY, OR VILLAGE COUNCIL/BOARD

called to order by _____ on _____
DATE

at _____ a.m./p.m. the following resolution was offered:
TIME

Moved by _____ and supported by _____

that the request from _____ of _____,
NAME OF ORGANIZATION — CITY

county of _____, asking that they be recognized as a
COUNTY NAME

nonprofit organization operating in the community for the purpose of obtaining charitable

gaming licenses, be considered for _____.
APPROVAL/DISAPPROVAL

APPROVAL		DISAPPROVAL	
Yeas:	_____	Yeas:	_____
Nays:	_____	Nays:	_____
Absent:	_____	Absent:	_____

I hereby certify that the foregoing is a true and complete copy of a resolution offered and adopted by the _____ at a _____
TOWNSHIP, CITY, OR VILLAGE COUNCIL/BOARD — REGULAR OR SPECIAL

meeting held on _____.
DATE

SIGNED: _____
TOWNSHIP, CITY, OR VILLAGE CLERK

_____
PRINTED NAME AND TITLE

_____
ADDRESS

COMPLETION: Required.
PENALTY: Possible denial of application.

AGENDA 9-13-10

ITEM C-2

VILLAGE OF DEXTER

cnicholls@villageofdexter.org

8140 Main Street Dexter, MI 48130-1092 Phone (734)426-8303 ext 17 Fax (734)426-5614

MEMO

To: **President Keough and Council Members**
From: **Courtney Nicholls, Assistant Village Manager**
Date: **September 8, 2010**
Re: **Crosswalk Study**

Included for your review is the draft of the crosswalk study completed by OHM. Christine Phillips of OHM will be in attendance at the meeting to hear feedback and answer questions.

CROSSWALK EVALUATION
VILLAGE OF DEXTER
AUGUST 4, 2010
DRAFT

Introduction

Recently, the Village of Dexter has been exploring how to become a more "walkable community". The Village recognizes that a walkable community is a vibrant community. Creating an environment where residents are encouraged to walk has many benefits, as defined by the Pedestrian and Bicycle Information Center. The benefits include improved environmental and personal health, reduced traffic congestion, enhanced quality of life, economic rewards, as well as others.

In addition, the Dexter Community Schools has been evaluating their transportation policy. Ultimately, DCS plans on implementing a central parent and bus drop-off area (the Transportation Hub). From the Hub, students will walk to their respective schools. Walkable routes to and from the Hub will need to be available if their plan is to succeed.

In an effort to become more walkable, the Village is completing a Crosswalk Evaluation. This evaluation includes the inspection of existing crosswalks identifying the infrastructure that the Village currently has in place as a starting point. In addition, the evaluation provides information regarding several crosswalk features that can be used in establishing standardized crosswalk configurations. The Village can choose a number of features to include in their configurations. Items to consider are Federal and State guidelines, aesthetics, cost, and maintenance.

Existing Conditions

Field visits were completed to visually inspect each crosswalk within the Village. The existing crosswalks within the Village fall within a wide range of conditions, some being in excellent condition with ADA compliant ramps and established crosswalk markings, while other crosswalks have one or no ramps and inappropriate pavement markings. While the inspections were not all encompassing, several crosswalk features were reviewed including:

- Existence of a Crosswalk – Did a sidewalk direct pedestrians to the roadway?
- Type of Crosswalk – Intersection or Midblock
- Pavement Markings – 6-inch Standard, Continental, or Ladder
- Road Classification – Major, Local or Driveway
- Number of Lanes to Cross
- Existence of ADA Access Ramps
- Condition of ADA Access Ramps
- Needed ADA Ramp Repair
- Type of Control – Pedestrian Crossing signs, Stop signs, or Signals
- Sight Distance – Whether a sight distance check should be completed
- Location – Whether it is within one block of a school, park or downtown area
- Surrounding Zoning – Residential, Commercial, Industrial

A cursory review of ADA access ramps was completed. The reviewer looked for the presence of truncated domes. If domes were not present, the need for them was noted. They also reviewed how the sidewalk was placed in relation to the pedestrian signal pushbutton. If provided, the pedestrian pushbutton must be ADA accessible. Other items that were inspected were the need for a flat key flag or landing area to allow for turning wheelchairs and the presences of a "lip" at the bottom of the ramp. The transition between the ramp and the roadway needs to be seamless.

The information about the existing crosswalks and their condition can be used for future crosswalk construction and/or rehabilitation. This information was compiled into a table to provide a "snapshot" of the Village's crosswalk. The snapshot becomes a planning tool to help the Village determine what type of work may be needed at a crosswalk.

Crosswalk Features

Another goal is to standardize how crosswalks will look within the Village. This way, when a crosswalk is rehabilitated or constructed, it can look similar to other crosswalks in the Village. Several features can be considered for the typical crosswalk configurations. These features can be divided into four categories that are detailed below. These categories included Geometric Features, Sidewalk Features, Pavement Markings, and Control Features.

Geometric Features:
Geometric Options involve changing the geometry of the roadway. They serve not only to provide enhanced pedestrian areas, but also as traffic calming measures encouraging drivers to travel at slower speeds. Two options that can be included in the Village's crosswalks are presented below.

Pedestrian Refuge Island – A pedestrian refuge island is an area delineated by curb and gutter that is placed in the center of the roadway to allow pedestrians to cross one direction of traffic at a time. This geometric feature would be placed in a wide roadway that does not have on-street parking.

Bump Outs – Bump outs are areas where the curb and gutter on a roadway extends out into the roadway to reduce the width of the road. Use bump outs in areas where existing on-street parking exists. Bump outs can help delineate the existing parking spaces, while making pedestrians more visible to traffic. Bump outs can be placed at an intersection, such as on Ann Arbor Street at Kensington, or at a midblock crossing, such as near Community Park.

Alternative Pavements – Alternative pavements, such as bricks, pavers, or stamped color concrete, can be used to delineate a crosswalk while providing visual enhancements. This feature is generally used in areas with high pedestrian volume and high vehicle volume such as a downtown.

The pedestrian refuge island and bump outs have been shown in the attachments at typical standards that the Village can apply to mid-block crosswalks.

Sidewalk Features:

ADA Compliant Sidewalks and Ramps – An important feature of any crosswalk are ADA compliant sidewalks and ramps. Sidewalks and ramps must meet certain criteria to be ADA compliant. This criteria includes ramps with truncated domes, ramps and sidewalks at the appropriate slopes and widths, pedestrian signal push buttons at the right location and height, to name a few. When sidewalks and ramps are constructed at a crosswalk, they should meet the standards presented in the latest version of the Michigan Department of Transportation's Detail R-28.

Pavement Markings:
There are a number of pavement markings that can be applied to a crosswalk. The purpose of crosswalk markings is to provide guidance for pedestrians when crossing a roadway. The Village currently uses four types of pavement markings – no markings, standard, continental, and ladder. These four will serve the Village well for their crosswalks.

No Markings – A crosswalk can exist without pavement markings. This configuration is best in areas with a low pedestrian volume and a low traffic volume. Examples within the Village are subdivisions, such as Huron Farms, and at the Dexter Business and Research Park. This layout is shown as Crosswalk C on the Typical Crosswalks sheet.

Stop Bars – A stop bar is a 12- to 24-inch wide line at a stop sign or signal that tells the driver where to stop. With relation to a crosswalk at a stop sign or signal, they are to be place 4 or 6 feet prior to a crosswalk. At a signalized location, whether at an intersection or midblock, the stop bar should be placed a minimum of 40 feet prior to the closest signal head/indication. However, a pedestrian crossing can exist without stop bars. Stop bars are only mandated at signals. They can add emphasis at a stop sign.

Standard – A standard, or transverse, layout consists of two 6-inch or 12-inch lines that extend perpendicular to the flow of traffic, and which direct the pedestrian in which direction to go. The standard layout with a stop bar is the minimum amount of pavement markings allowed at a signalized crosswalk. This layout is shown as Crosswalk B on the Typical Crosswalks sheet.

Continental – A continental layout consists of longitudinal lines, 12- to 24-inches wide, spaced 12 to 60 inches apart. According to the report by the Federal Highway Administration, Design & Safety of Pedestrian Facilities, the optimal layout consists of 12-inch wide strips with 24-inch wide spaces. They are placed parallel to the traveled path of vehicles. This layout provides greater visibility to the driver and should be used in areas with high pedestrian and traffic volumes. This layout is shown as Crosswalk A on the Typical Crosswalks sheet.

Ladder – The ladder layout is a combination of the standard layout with the continental layout, like at the Meadowview Dr and Dexter-Ann Arbor Rd intersection. Again, this layout provides greater visibility to the driver and should be used in areas with high pedestrian and traffic volumes. The main difference in the ladder and continental layouts is the higher cost and additional maintenance of the ladder layout due to the additional striping that is placed and maintained.

Control Features:

Traffic Signs – Several options exist when it comes to directing traffic at crosswalks or notifying drivers of a crosswalk location. These include the following:

- Stop Sign
- Yield Sign
- Pedestrian Crossing Sign – This sign is placed in advance of and/or at a midblock pedestrian crosswalk. If placed at a crosswalk, the sign should be in front of the crosswalk.
- School Crossing Sign – This sign is placed in advanced and at school crosswalks that are on roadways adjacent to school grounds.
- Yield Here to Pedestrians Signs – The Village can choose to install the "Yield Here to Pedestrians" sign (R1-5 series) with a Yield Bar. However, to place this type of sign, the Village needs to have a local regulation or ordinance in place requiring drivers to yield to pedestrians. A sample of an ordinance passed by the City of Ann Arbor is attached.

Warning Sign W11-2: Pedestrian Area

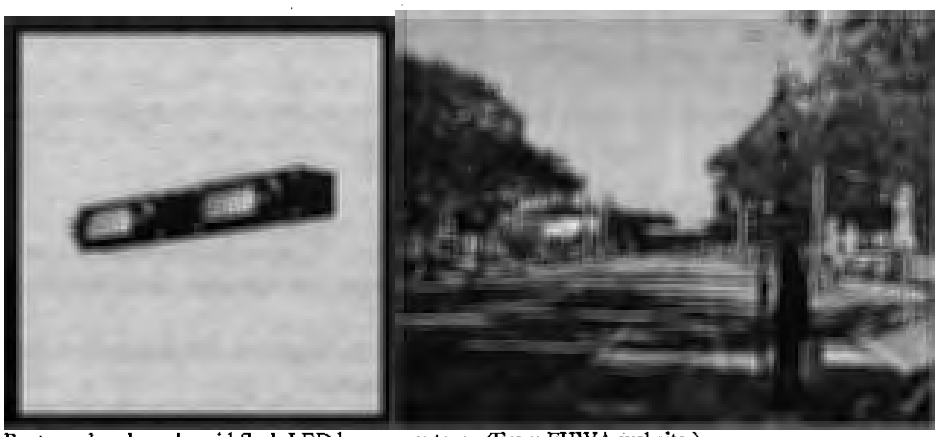
Warning Sign S1-1 and W16-7p: School Crossing

Regulatory Sign R1-5: Yield Here to Pedestrians

*Note that the placement of signs should adhere to the latest version of the Michigan Manual of Uniform Traffic Control Devices (MMUTCD).

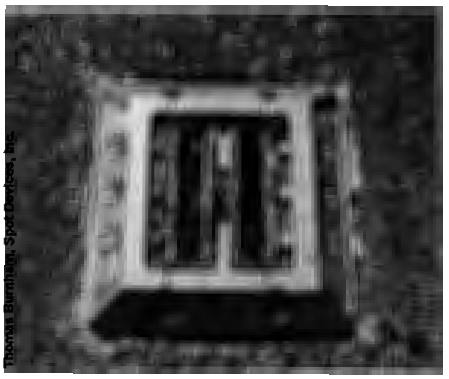
Flashing Beacon/Standard – Currently, a flashing beacon is located at the Baker Road midblock crossing. This consists of one circular yellow signal that flashes at a constant rate at certain periods during the day. The beacon is generally on a time clock operating at pre-set times during the day, specifically during the arrival and dismissal of school. This beacon is generally black at non-peak school times. The beacon can be posted above a crosswalk sign, as on Baker Road, or over the roadway. A crosswalk sign must accompany the flashing beacon.

Rapid-Flash Beacon – The rapid-flash beacon is a rectangular component mounted within the crosswalk sign assembly. The flash is a white rapid flash similar to a strobe light. The beacon is activated by the pedestrian through a pushbutton. When the beacon is not active it is off. The beacons can be placed on the roadway as either a single sign or in a series of two signs for each direction of travel. Studies have shown that a higher percentage of motorists yield to pedestrians in a crosswalk when a series of two signs with rapid-flash beacons are installed. A crosswalk sign must accompany the rapid-flash beacon.



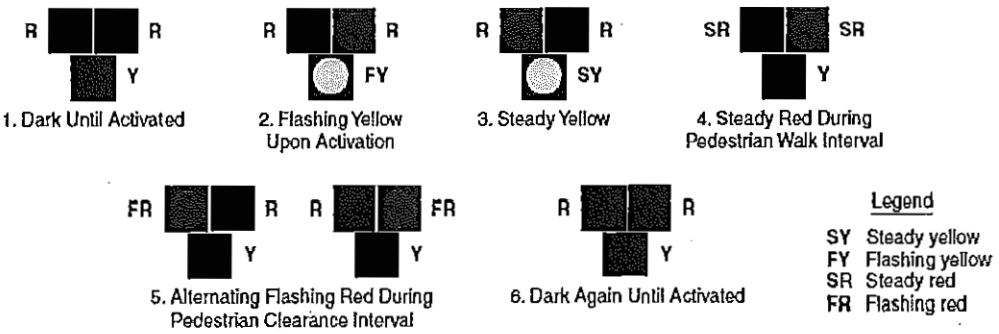
Rectangular-shaped rapid flash LED beacon system. (From FHWA website.)

In-Roadway Lights – In-roadway lights can be used with traffic signs or the flashing beacon, but cannot be used with a Pedestrian Hybrid Beacon or Traffic Signal. These are lights installed in the roadway surface to warn motorists that they are approaching a crosswalk. The lights are black until activated by pedestrian pushbuttons. Maintenance of in-roadway lights (i.e. plow trucks removing the lights inadvertently) should be considered prior installation.



Pedestrian Hybrid Beacon (i.e. HAWK) – Currently, the only pedestrian hybrid beacon that has been included in the Federal Highway Administration's Manual of Uniform Traffic Control Devices is the High-intensity Activated crossWalK (HAWK). It is a T-shaped signal with 2 red signals above a single yellow signal. The signal remains black until activated by a pedestrian through a pushbutton. Then, the yellow signal flashes before going to a steady yellow phase. After the steady yellow phase, there is a steady red phase when both red signals are red. This coincides with a "Walk" phase on the pedestrian signal (based on the amount of time for a pedestrian to cross the road). Then, the red signals begin flashing. While the red signals are flashing, the "Don't Walk" signal is flashing on the pedestrian signal. When the red signals are flashing, the vehicle can go if there are no pedestrians within the crosswalk. This sequence is detailed below.

Sequence for the Pedestrian Hybrid Beacon from the 2009 Federal Manual of Uniform Traffic Control Devices



Traffic Signal – A full traffic signal can be placed at a crosswalk, however it needs to meet certain warrants that are provided in the MMUTCD. The traffic signal would operate like a standard traffic signal, except that is would remain green until activated by pedestrians through a pushbutton. Once activated by a pedestrian, the signal will go through the green, yellow and red phases like a standard traffic signal. It will not operate with standard timings.

Recommendations

The Village can choose to use several combinations of features for their standardized crosswalk configurations. While engineering judgment is part of the establishing the standard, aesthetics and preferences can also play a role. That said, crosswalk configurations are proposed as part of this evaluation. Those are provided in the attachments. The Crosswalk Notes should be used in conjunction with the figures.

In addition to the crosswalk configurations, it is recommended that the Village minimize the number of crosswalks on Ann Arbor Street and Main Street, and limit the number of midblock crosswalks to the two crosswalks that exist on Baker Road between Dan Hoey Road and Main Street. Currently, 5 marked crosswalks exist along the half mile of roadway on Ann Arbor Street between Kensington Street and Baker Road. Too many crosswalks can cause a lack of attention for the driver and an unmitigated sense of confidence for the pedestrian. In addition, the Village is extending its resources to several crosswalks. It is recommended that a maximum of two marked crosswalks be established along this length of roadway. In this way, the Village can focus its resources on fewer crosswalks making those crosswalks have a high emphasis to grab the drivers' attention. Locations with appropriate sight distance and for school routes should be key factors in determining the final locations. This is also recommended at the intersection of Main Street and Central Street. Removing one of the crossings on Main Street will allow the remaining crosswalk to be emphasized.

Finally, it is recommended that the Village construct ADA compliant facilities at all crosswalks using the latest version of MDOT Detail R-28 (attached). The standards for ADA compliant facilities are continually changing. So, while a cursory review was completed, a detailed review of the ramps should be completed prior to reconstruction to verify conformance with ADA requirements.

CROSSWALK EVALUATION ATTACHEMENTS:

- Crosswalk Field Inspections Spreadsheet
- Standardized Crosswalk Configurations
- MDOT Detail R-28
- City of Ann Arbor Ordinance

CROSSWALK FIELD INSPECTIONS

CROSSWALK FIELD INSPECTIONS
AUGUST 2010
VILLAGE OF DEXTER

		Major Road												Minor Road														
Major Road	Minor Road	Location	CW Mkgs?	CW Marking Type	Stop Bar	Type of Xing	Road Class	# of Lanes	ADA Ramps?	ADA Access Ramps	ADA Ramp Cond	Type of Control	Sight Dist	SW needed	Location	CW Mkgs?	CW Marking Type	Stop Bar	Type of Xing	Road Class	# of Lanes	ADA Ramps?	ADA Access Ramps	ADA Ramp Cond	Type of Control	Sight Dist	SW needed	One Block	Zoning	In DDA
Baker Road	Dan Hoey Road	N	Y	L	Y	I	Major	3	N	R		Signal		Y	E	Y	L	Y	Inter	Local	3	N	R		Signal		Y	Schools	Res/Com	N
		S	Y	6	Y	I	Major	3	N	R		Signal		Y																
	Bates/Creekside South	N	N		N	I	Major	3	N					N	E	Y	6	Y	Drive	Drive	1	Y	D	A	Stop sign		Y	Schools	Schools	N
		S	N		N	I	Major	3	N					N	W	Y	6	Y	Drive	Drive	1	Y	D	A	Stop sign		N			
	Bates/Creekside North	N	Y	L	N	I/M	Major	3	Y	D	A			Y	E	Y	6	N	Drive	Drive	2	Y	D	A	Stop sign		N	Schools	Schools	N
		S	N		N	I/M	Major	3	N					N	W	Y	6	Y	Drive	Drive	2	Y	D	A	Stop sign		N			
	Hudson Street	N	N		N		Major	3	N					N	E	Y	6	N	Inter	Local	2	Y	D	A	Stop Sign		N	Schools	Com	N
		S	N		N		Major	3	N					N																
	Grand Street	N	N				Major	3	N						E	Y	6	N	Inter	Local	2	Y	D L	A	Stop sign			Schools	Res/Com	N
		S	Y	L	N	I/M	Major	3	Y		E	Ped Xing		N	W	N		N	Inter	Local	2	Y	D L	A	Stop sign					
	Forest Street	N	N		N	I	Major	3	N			Signal			E	Y	C	N	Inter	Local	2	N	R	E	Stop Sign		N		Res/Com	N
		S	N		N	I	Major	3	N			Signal			W	Y	C	N	Inter	Local	2	Y	R D	A	Stop Sign		N			
	Main Street	N													W	Y	C	Y	Inter	Major	3	Y	D L	A	Signal		N	DDA/Parks	DDA	Y
		S	Y	C	Y	I	Major	3	Y	D S L	A	Signal		N	E	Y	C	Y	Inter	Major	3	Y	D S L	A	Signal		N			
Dexter-Ann Arbor Road	Carrington Drive	E	N		N	I	Major	4+Med	N					N	N														Com	N
		W	N		N	I	Major	4+Med	N					N	S	N		N	M	Local	4+Med	Y	D	A	Stop sign		N			
	Ryan Drive/Dan Hoey	E	Y	6	Y	I	Major	4	Y	D S	A	Signal		N	N	Y	6	Y	I	Local	3	Y	D	A	Signal		N	Parks	Com	N
		W	Y	6	Y	I	Major	4	Y	D S L	A	Signal		N	S	Y	C	Y	I	Local	4	Y	D L	A	Signal		N			
	Lexington Drive	E	N		N	I	Major	3	N					N	N														Com	N
		W	N		N	I	Major	3	N					N	S	N		N	I	Local	2	Y	D L	A	Stop sign		N			
	Eaton Court	E	N		N	I	Major	3	N					N	N	N		N	M	Local	2	Y	D L	A	Stop sign		N		Com	N
		W	N		N	I	Major	3	N					N	S															
	Meadowview Drive	E	Y	L		I	Major	4	Y		E	Signal		N	N	Y	L	Y	I	Local	3	Y		E	Signal		N	Schools	Com/Sch	N
		W	N		Y	I	Major	4	N			Signal		N	S	Y	L	Y	I	Local	2	Y		E	Signal		N			
	Huron View Court	E	N		N	M	Major	4	N					N	N	N		N	M	Local	3	Y		E	Stop sign		N		Com	N
		W	N		N	M	Major	4	N					N	S															
Ann Arbor Street	Kensington Street	E	N		N		Major	2	N					N	N	N		N	I/M	Pkg Lot	2	Y		E	Stop sign		N	Schools	Res	N
		W	Y	L	N	I/M	Major	2	Y		E				S	Y	6	N	I/M	Local	2	Y		E	Stop sign		N			
	Inverness Street	E	Y	C	N	I/M	Major	2	Y	D L	P				N	Y	C	Y	I/M	Local	2	Y	D	A	Stop sign		N	Parks	Res	N
		W	Y	C	N	I/M	Major	2	Y	D L	A				S	N		N	I/M	Local	2	Y		E	Stop sign		N			
	Hudson Street	N	Y	6	N	I/M	Major	4	Y	D L F	A			N	E	Y	6	Y	I/M	Local	2	Y	D L F	A	Stop sign		N		Res	N
		S	N		N		Major	4	N					N	W	Y	6	Y	I/M	Local	2	Y	D L	A	Stop sign		N			
	Edison Street	N	N				Major	2	N					N	E	Y	C	N	I/M	Local	2	Y	D	A	Stop sign		N		Res	N
		S	Y	C	N	I/M	Major	2	Y	D	A				W															
	Dover Street	E	N		N		Major	2	N					N	N	Y	6	Y	I	Local	2	Y	D		Stop sign		N			
		W	N		N		Major	2	N					N	S														Res	N
Main Street	Central Street	E	Y	C	N	I/M	Major	3	Y	D	A			N	N	Y	C	N	I/M	Major	2	Y	D L	A	Stop sign		N	DDA/Parks	DDA	Y
		W	Y	C	N	I/M	Major	3	Y	D	A			N	S	Y	C	N	I/M	Major	1	Y	D L	A	Stop sign		N			
	Broad Street	E	Y	C	Y	I	Major	2+Pkg	Y	D L	A	Signal		N	N	Y	C	Y	I	Major	3	Y	D L	A	Signal		N	DDA/Parks	DDA	Y
		W	Y	C	Y	I	Major	3+Pkg	Y	D L	A	Signal		N	S															
	Alpine Street	E	Y	C	N	I/M	Major	3	Y	D	A			N	N	N		Y	I/M	Local	2	Y	R	A	Stop sign		N	DDA/Parks	DDA	Y
		W	N		N	I/M	Major	3	N					N	S															
	Jelfords Street	E	N		N	M	Major	3	N					N	N													DDA/Parks	DDA	Y
		W	N		N	M	Major	3	N					N	S	Y	C	Y	I	Indust	3	Y		E	Stop sign		N			
Central Street	Fifth Street	N	N		N	I	Major	2	Y	R D L	A			N	E	N		N	I	Local	2	Y	R D	A	Stop sign		N	DDA/Parks	Res	N
		S	N		N	I	Major	2	Y	R D	A			N	W	N		N	I	Local	2	Y	D L	A	Stop sign		N			
	Fourth Street	N	N		N	I	Major	2	Y	D	A			N	E	N		N	I	Local	2	Y	D	E	Stop sign		N		Res	N
		S	N		N	I	Major	2	Y	D L	A			N	W	N		N	I	Local	2	Y	D	E	Stop sign		N			
	Third Street	N	N		N	I	Major	2	N		E			N	W	N		N	I	Local	2	Y	R D L	E	Stop sign		N		Res	N
		S	N		N	I	Major	4	Y							N		N	I	Local	2	Y		E	Stop sign		N			
	Second Street	N	N		N	I	Major	2	N						E	N		Y	I	Local	2	Y	D L	A	Stop sign		N	RR	Res/Com	N
		S	N		N	I	Major	2	N																					
	Huron Street	N	N		N	I	Major	2	Y	D L	P			N	E														Res/Com	N
		S	N		N	I	Major	2	N					N	W	N		N	I	Local	2	Y	D L	A			N			
	Huron River Drive	N	N		N	I	Major	2	Y	D L	P			N	W	N		Y	I	Local	2	Y	D L	A	Stop sign		N		Res/Com	N
		S	N		N	I	Major	2																						
	RR Crossing		N		Y	RR	Major	0	N	R																			Res/Com	N

		Major Road													Minor Road															
Major Road	Minor Road	Location	CW Mkgs?	CW Marking Type	Stop Bar	Type of Xing	Road Class	# of Lanes	ADA Ramps?	ADA Access Ramps	ADA Ramp Cond	Type of Control	Sight Dist	SW needed	Location	CW Mkgs?	CW Marking Type	Stop Bar	Type of Xing	Road Class	# of Lanes	ADA Ramps?	ADA Access Ramps	ADA Ramp Cond	Type of Control	Sight Dist	SW needed	One Block	Zoning	In DDA
Dan Hoey Road	Lexington Drive	N	N		N	M	Major	2	N					N	E	N		N	M	Local	2	Y	D L	A	Stop sign		N		Com	N
		S	N		N	M	Major	2	N					N	W	Y	6	N	M	Local	2	Y	D L	A	Stop sign		N			
	Mill Creek School Entrance	E	N		N	M	Major	2	N					N	N	N		N	M	Drive	2	Y	D	A	Stop sign		N	Schools	Schools	N
		W	N		N	M	Major	2	N					N	S															
	Bishop Circle/Cornerstone	E	N		N	M	Major	2	N					N	N	Y	6	N	M	Drive	2	Y	D L F	A	Stop sign		N	Schools	Schools	N
		W	N		N	M	Major	2	N					N	S			Y	M	Local	2	N			Stop sign		N			
	Dongara Drive	W	N				Major		N						S	N				Local					Stop sign			Schools	Com	N
		E	Y	L		I/M	Major	2	Y		E	Sch Ped																		
	Cornerstone	No sidewalks, ramps, etc.																										Schools	Schools	N
Jeffords St	Alley	N	N		N	I/M	Local	2	N	R				N	E	Y	C	Y	M	Local	2	N	R	E	Stop sign		N	DDA/Parks	DDA	Y
		S	Y	C	N	I/M	Local	2	B	R	E				W															
	Forest St	N	N			I	Local	2							E	N			I	Local	2							DDA/Parks	DDA	Y
Lexington Drive/Circle	Victoria Drive	Victoria Drive is a private road																											Res	N
	Cambridge Drive	N	N		N	M	Local	2	N					N	E														Res	N
		S	N		N	M	Local	2	N					N	W	N		N	M	Local	2	Y	D	A	Stop		N			
	Lexington Circle		N				Local			D	A					N				Local			D	A					Res	N
	Carrington Drive	E	N		N	M	Local	2	N			Stop sign		N	N	N		N	M	Local	2	Y	D	A			N		Res	N
		W													S	N		N	M	Local	2	Y	D	A			N			
	Carrington Drive(S)	N	N		N	M	Local	2	N			4-way stop		N	E	N		N	M	Local	2	Y	D	A	4-way stop		N			
		S	N		N	M	Local	2	N			4-way stop		N	W	N		N	M	Local	2	Y	R D L	P	4-way stop		N			
	Midblock	Needs domes. No signs, markings, etc.																												
Carrington Drive	Cambridge Drive	No Crosswalks																											Res	N
	Preston Circle(N)/S. Downs	E	N		N	M	Local	2	N					N	N	N		N	M	Local	2	Y	D	A	Stop sign		N		Res	N
		W	N		N	M	Local	2	N					N	S	N		N	M	Local	2	Y	D	A	Stop sign		N			
	Preston Circle(S)	N	N		N	M	Local	2	Y	D	A			N	E	N		N	M	Local	2	Y	D	A	Stop sign		N			
		S	N		N	M	Local	2	N					N	W	N		N	M	Local	2	Y	D	A	Stop sign		N			
	S. Downs Drive/Coventry Cir	N	N		N	M	Local	2	N					N	E	N		N	M	Local	2	N			Stop sign		N		Res	N
		S	N		N	M	Local	2	Y	D	A			N	W	N		N	M	Local	2	Y	D	A	Stop sign		N			
	Coventry Circle	N	N		N	M	Local	2	N					N	E														Res	N
		S	N		N	M	Local	2	Y	D	A			N	W	N		N	M	Local	2	Y	D L	A						
	Victoria Drive	Victoria Drive is a private road																											Res	N
	Wellington Drive(S)	N													E														Res	N
		S	N		N	M	Local	2	Y	D	A			N	W	N		N	M	Local	2	N		A	Stop sign		N			
	Wellington Drive(N)	N													E	N		N	M	Local	2	Y	D	A			N			
		S	N		N	M	Local	2	Y	D	A			N	W	N		N	M	Local	2	N					N			
Wellington Drive	Wellington Court	No stop signs, crossings, sidewalk, etc.																											Res	N
	Bristol Drive(W)	E	N		N	M	Local	2	N					N	N	N		N	M	Local	2	Y	D	A			N		Res	N
		W	N		N	M	Local	2	Y	D	A			N	S															
	Bristol Drive(E)	N	N		N	M	Local	2	N					N	E															
		S	N		N	M	Local	2	N					N	W	N		N	M	Local	2	Y	D	A	Stop sign		N			
Bristol Drive	Kimberly Circle	N	N				Local	2						Y	E	N			I	Local	2	Y	D L	A	Stop sign		Y		Res	N
		S	N				Local	2						N																
	Kimberly Circle	E	N				Local	2						N	S	N			I	Local	2	Y	D L	A	Stop sign		Y		Res	N
		W	N				Local	2						Y																
Ryan Drive	Wilson Street	N	N		N	I	Local	2	Y	D L	A			N	E	N		N	I	Local	2	Y	D L	A	Stop sign		N	Parks	Res	N
		S	N		N	I	Local	2	Y	D L	A			N	W	N		N	I	Local	2	Y	D L	A	Stop sign		N			
	Palmer Road	N	N		N	M	Local	2	Y	D	A			N	E														Res	N
		S	N		N	M	Local	2	Y	D L	A			N	W	N		N	M	Local	2	N					N			
	Ulrich Street	S	N		N	M	Local	2		D	A	Stop sign		N	N	N		N	I	Local	2	Y		A			N		Res	N
															S	N		N	I	Local	2	Y		A			N			
	Community Park Crosswalk	N	Y	C	N	M	Local	2	Y		E			N																

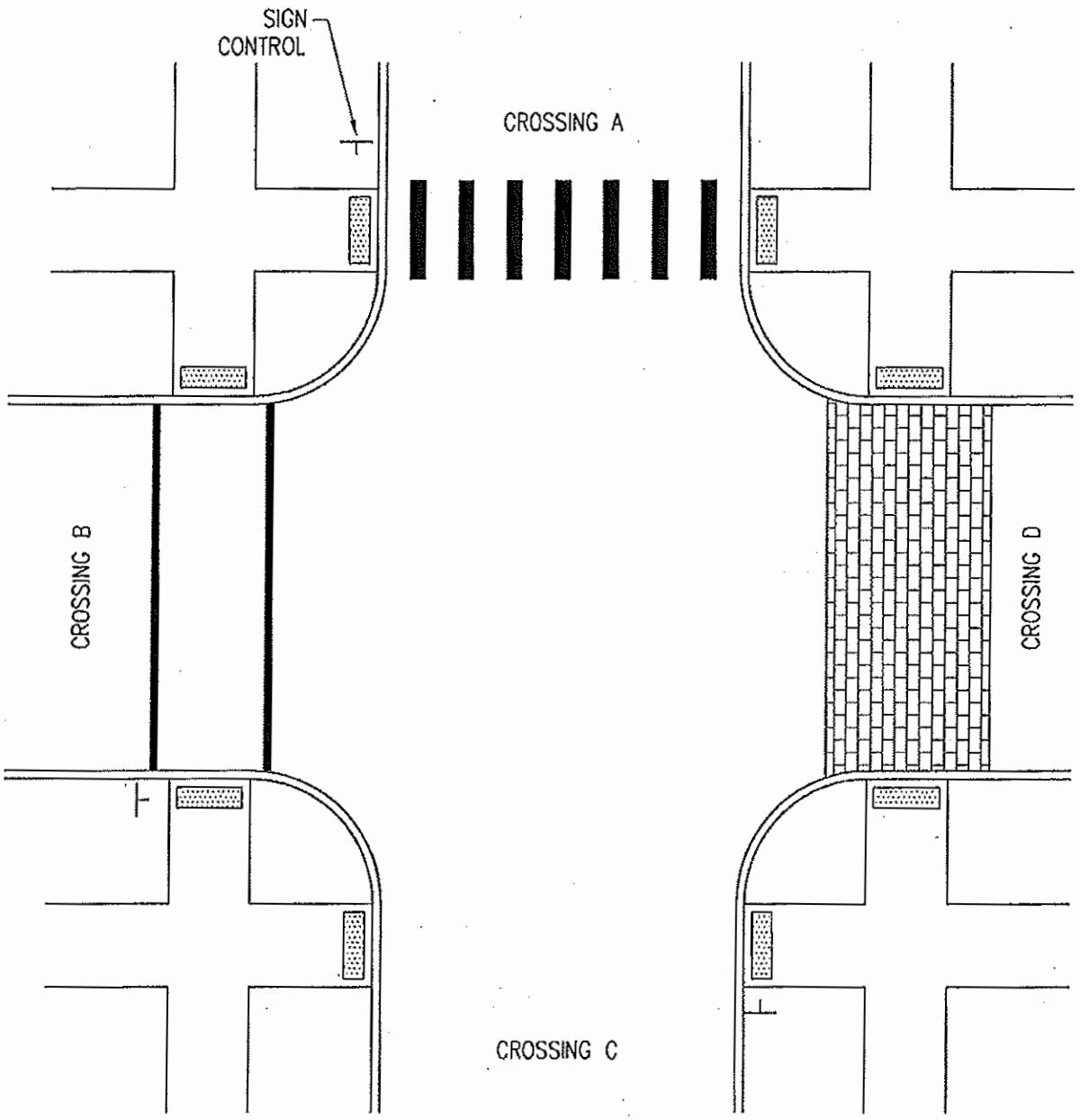
		Major Road													Minor Road															
Major Road	Minor Road	Location	CW Mkgs?	CW Marking Type	Stop Bar	Type of Xing	Road Class	# of Lanes	ADA Ramps?	ADA Access Ramps	ADA Ramp Cond	Type of Control	Sight Dist	SW needed	Location	CW Mkgs?	CW Marking Type	Stop Bar	Type of Xing	Road Class	# of Lanes	ADA Ramps?	ADA Access Ramps	ADA Ramp Cond	Type of Control	Sight Dist	SW needed	One Block	Zoning	In DDA
Wilson Street	Ulrich Street	E	N		N	M	Local	2	N					N	N	N		N	M	Local	2	Y	D L	A	Stop sign		N		Res	N
		W	N		N	M	Local	2	N					N	S															
	Taylor Court	E	N		N	M	Local	2	Y		A			N	N														Res	N
		W	N		N	M	Local	2	N					N	S	N		N	M	Local	2	Y	R D L	A	Stop sign		N			
	Shaw Court	E	N		N	M	Local	2	N					N	N														Res	N
		W	N		N	M	Local	2	N					N	S	N		N	M	Local	2	Y	R D L	A	Stop sign		N			
	View Drive	E	N		N	M	Local	2	Y	R D L	A			N	N	N		N	M	Local	2	Y	R D L	A	Stop sign		N		Res	N
		W	N		N	M	Local	2	Y		A				S															
	Oliver Drive	E	N		N	M	Local	2	Y	D L	A			N	N														Res	N
		W	N		N	M	Local	2	Y	D L	A			N	S	N		N	M	Local	2	Y	D L	A	Stop sign		N			
	Wilson Court	E	N		N	M	Local	2	N					N	N	N		N	M	Local	2	Y	D L	A	Stop sign		N			
		W	N		N	M	Local	2	N					N	S	N		N	M	Local	2	Y	D L	A	Stop sign		N			
View Drive	Palmer Road	E	N		N	M	Local	2	Y		A			N	N	N		N	M	Local	2	Y	D L	A			N		Res	N
		W	N		N	M	Local	2	Y		A			N	S															
	Quakenbush Drive	N	N		N	M	Local	2	N					N	E														Res	N
		S	N		N	M	Local	2	N					N	W	N		N	M	Local	2	Y	D L	A	Stop sign		N			
	Ulrich Street	E													N	N		N	M	Local	2	Y					N			
		W	N		N	M	Local	3	Y	D L	A	Stop sign		N	S	N		N	M	Local	2	Y					N			
Meadowview Drive	Eaton Court/Private Drive	N	N		N	M	Local	2	N					N	E	N		N	M	Local	3	N			Stop sign		N			
		S	N		N	M	Local	2	N					N	W	N		N	M	Local	2	N					Y			
	York Court	N	N		N	M	Local	2	Y	R D	A	Stop sign		N	W	N		N	M	Local	2	Y	R D	A	Stop sign		N		Res	N
	York Street	S	N		N	M	Local	2	Y	R D	A	Stop sign		N	E	N		N	M	Local	2	Y	R D	A	Stop sign		N		Res	N
	Lake Street	N	N		N	M	Local	2	Y	D L	A			N	E														Res	N
		S	N		N	M	Local	2	Y		A			N	W	N		N	M	Local	2	Y	R D L	A	Stop sign		N			
	Quakenbush Drive	N	N		N	M	Local	2	N	R D L				N	E	N		N	M	Local	2	Y	D	A			N		Res	N
		S	N		N	M	Local	2	N					N	W															
Noble Drive	Quakenbush Drive	N	N		N	M	Local	2	Y	D L	A			N	E	N		N	M	Local	2	Y	D L	A	Stop sign		N		Res	N
		S	N		N	M	Local	2	N					N	W	N		N	M	Local	2	Y	D L	A	Stop sign		N			
	York Street	N	N		N	M	Local	2	Y	D L F	A	Stop sign		N	E	N		N	M	Local	2	N					N		Res	N
		S													W	N		N	M	Local	2	N					N			
York Street	Oliver Drive	No markings, signage, ramps, etc.																											Res	N
Inverness Street	Grand Street	N	N		N	M	Local	2	N	R		All-way stop		N	E	Y	C	Y	M	Local	2	Y	D	E	All-way stop		N		Res	N
		S													W	N		N	M	Local	2	N	R		All-way stop		N			
	Forest Street	N	N		N	I/M	Local	2	N	R		Stop sign		N	E	N		N	I/M	Local	2	Y		E					Res	N
		S	N		N	I/M	Local	2	N	R		Stop sign		N	W	N		N	I/M	Local	2	N	R				N			
	4th Street	E	Y	2/C	Y	M	Local	2	Y	D	A	Stop sign		N	N	Y	L	N	M	Local	2	N			Stop sign		N	Parks	Res	N
		W	N		N	M	Local	2	N					N	S															
	3rd Street	E	N		N	M	Local	2	N					N	N	N		N	M	Local	2	N			Stop sign		N		Res	N
		W	N		N	M	Local	2	Y		E			N	S	N		N	M	Local	2	Y		E	Stop sign		N			
	2nd Street	E	N		N	M	Local	2	N			4-way stop		N	N	N		N	M	Local	2	N			4-way stop		N		Res	N
		W	N		N	M	Local	2	N			4-way stop		N	S	N		N	M	Local	2	Y	L	A	4-way stop		N			
2nd Street	Cushing Court		N				Local									N		N	I	Local	2	Y	D	A	Stop sign				Res	N
Hudson Street	Grand Street	S	Y	C	N	I	Local	2	Y	D	A	4-way stop			W	Y	C		I	Local	2	Y	D	A	Stop sign				Res/Com	N
		N	N		N	I	Local	2				4-way stop			E				I	Local	2	N			Stop sign					
	Forest Street	E	N		Y	M	Local	2	N			Stop sign		Y	N	Y	B	Y	M	Local	2	Y		E			N		Res	N
		W	N		N	M	Local	2	N			Stop sign		Y	S	N		Y	M	Local	2	N					Y			
	4th Street	E	N		Y	I/M	Local	2	Y	R D	P	4-way stop		N	N	N		Y	I/M	Local	2	Y	R D L	P	4-way stop		N		Res	N
		W	N		Y	I/M	Local	2	N	R		4-way stop		Y	S			Y	I/M	Local	2	N	R		4-way stop		Y			
	3rd Street	E	N		N	I	Local	2	N				Check	N	N	N		N	I	Local	2	N			Stop sign	Check	N		Res	N
		W	N		N	I	Local	2	Y		E		Check	N	S	N		N	I	Local	2	N			Stop sign	Check	N			
	2nd Street	E	N		N	M	Local	2	N			4-way stop	Check	N	N	N		N	M	Local	2	N			4-way stop	Check	N		Res	N
		W	N		N	M	Local	2	N			4-way stop	Check	N	S	N		N	M	Local	2	N			4-way stop	Check	N			

		Major Road													Minor Road															
Major Road	Minor Road	Location	CW Mkgs?	CW Marking Type	Stop Bar	Type of Xing	Road Class	# of Lanes	ADA Ramps?	ADA Access Ramps	ADA Ramp Cond	Type of Control	Sight Dist	SW needed	Location	CW Mkgs?	CW Marking Type	Stop Bar	Type of Xing	Road Class	# of Lanes	ADA Ramps?	ADA Access Ramps	ADA Ramp Cond	Type of Control	Sight Dist	SW needed	One Block	Zoning	In DDA
Edison Street	5th Street	E	Y	C	Y	I	Local	2	Y	D	A	Stop sign		N	N	N		Y	I	Local	2	N			Stop sign		Y		Res	N
		W	N				Local	2	N																					
	4th Street	E	N		N	I/M	Local	2	Y	D L	PI	Stop sign		N	N	N		N	I/M	Local	2	N							Res	N
		W	N		N	I/M	Local	2	Y	R D	A	Stop sign		N	S	N		N	I/M	Local	2	N					N			
	3rd Street	N	N		N	I	Local	2	N				Check	N	E	N		N	I	Local	2	N				Check	N		Res	N
		S	N		N	I	Local	2	Y		E		Check	N	W	N		N	I	Local	2	N			Stop sign	Check	N			
	2nd Street	N	N		N	I	Local	2	N			Stop sign		N	E	N		N	I	Local	2	N			Stop sign		N		Res	N
		S	N		N	I	Local	2	N			Stop sign		N	W	N		N	I	Local	2	N					N			
Dover Street	5th Street	E	N		N	M	Local	2	Y	R D L	P	Stop sign		N	N	N		N	I	Local	2	Y	R D L	P			N		Res	N
		W	N		N	M	Local	2	N	R		Stop sign			S	N		N	I	Local	2	N	R							
	4th Street	N	N		N	I	Local	2	Y	D	E	4-way stop		N	E	N		Y	I	Local	2	N			4-way stop		N		Res	N
		S	N		N	I	Local	2	Y	D L	E	4-way stop		N	W	N		Y	I	Local	2	Y			4-way stop		N			
	3rd Street	N	N		N	I	Local	2	N			Stop sign		N	E	N		N	I	Local	2	Y					N		Res	N
		S	N		N	I	Local	2	Y	D	A	Stop sign		N	W	N		N	I		2	N					N			
	2nd Street	N	N		N	I	Local	2	Y			Stop sign		N	E	N		N	I	Comm	2	N					N		Res	N
		S	N		N	I	Local	2	Y	D L		Stop sign		N	W	N		N	I	Local	2	N					N			
Broad Street	Grand Street	N	N		Y	M	Local	2	N			Stop Sign			E	N		Y	M	Major	2								Com	N
		S													W															
	Forest Street	N	Y	C	Y	M	Local	1	N		E	Stop Sign		N	E	Y	C	Y	M	Local	2	N	R	E	4-way stop		N	DDA	Res/Com	Y
		S	Y	C	Y	M	Local	2	N		E	Stop Sign		N	W	Y	C	Y	M	Local	2	N	R	E	4-way stop		N			
	Alley	N													E	N		Y	M		2	N			Stop		N			
		S	N		N		Local	1	N					N	W	N		Y	M	Local	2	N			Stop		N			
	5th Street	E	N		N	I	Local	4	N					N	N	N		N	I	Local	2	Y	D L	A	Stop sign		N	DDA	Res/Com	N
		W	N		N	I	Local	4	Y	D	A			N	S	N		N	I	Local	2	Y	D L	A	Stop sign		N			
	4th Street	E	N		N	I	Local	4	N					N	N								D	A			Y		Res	N
		W	N		N	I	Local	4	Y	R D L	A			N	S	N		N	I	Local	2	Y	D	A			N			
	3rd Street	S	N		N		Local	2	N					N	E	N		N		Local	2	N			Stop sign		N		Res	N
	RR Crossing	S	N		N	RR	ocal/Truc	2	N					N	N	N		N	RR	ocal/Truc	2	N					N		Res	N
	Huron St	N													E	N		Y	I	Local	2	N			3-way stop		N		Res/Com	N
		S	N		Y	I	Local	2	N			3-way stop		N	W	N		Y	I	Local	2	Y	D L	A	3-way stop		N			
Eastridge Drive	Webster Drive	N	N		N	M	Local	2	N						E	N		N	M	Local	2	Y		E	Stop sign		N		Res	N
		S	N		N	M	Local	2	Y	D	A				W															
	Bridgeway Drive	N	N		N	M	Local	2	Y	D L	A			N	E	N		N	M	Local	2	N			Stop sign		N		Res	N
		S	N		N	M	Local	2	Y	D L	A			N	W	N		N	M	Local	2	Y		A	Stop sign		N			
	Parkridge Drive	N	N		N	M	Local	2	Y	D	A	3-way stop		N	E	N		N	M	Local	2	Y	D	A	3-way stop		N		Res	N
		S	N		N	M	Local	2	N			3-way stop		N	W															
	Dexter-Pinckney	No signs, markings, crosswalks, etc.																												
Westridge Drive	Dexter Pinckney Road	No signs, markings, crosswalks, etc.																											Res	N
	Webster Drive	E	N		N	M	Local	2	N					N															Res	N
		W	N		N	M	Local	2	Y	D L	A			N	S	N		N	M	Local	2	Y	D L	A	Stop sign		N			
	Parkridge Drive	N													E	N		N	M	Local	2	Y		E			N		Res	N
		S	N		N	M	Local	2	Y	D L	A	Stop sign		N	W	N		N	M	Local	2	Y	D L	A			N			
Webster Drive	Glacier Court	N	N		N	M	Local	2	N						E	N		N	M	Local	2	Y	D L	A	Stop sign		N		Res	N
		S	N		N	M	Local	2	Y	D L	A			N	W															
Bridgeway Drive	Parkridge Drive	N													E	N		N	M	Local	2	N					N		Res	N
		S	N		N	M	Local	2	Y	D L	A			N	W	N		N	M	Local	2	Y	D L	A			N			
	Boulder Court	N	N		N	M	Local	2	Y	D L	A			N	E														Res	N
		S	N		N	M	Local	2	Y	D L	A			N	W	N		N	M	Local	2	Y	D L	A			N			
Parkridge Drive	Parkridge Court	N	N		N	M	Local	2	Y	D	E	Stop sign		N	E	N		N	M	Local	2	Y	D	E			N		Res	N
		S													W	N		N	M	Local	2	Y	D	E			N			
	Samuel	No signs, markings, crosswalks, etc.																												
Kensington Street	Grand Street	N	N		N	I	Local	2	N	R		4-way stop			E					Local								Schools	Res	N
		S	N		N	I	Local	1	Y	D		4-way stop			W	N		N	I	Local	2	Y	D	A	4-way stop			Schools	Res	N
	Forest Street	N	N		N	I	Local	2	N						E															
		S	N		N	I	Local	2	N						W	N		Y	I	Local	2	N			Stop sign					
	Wall Court	N	N		N	I	Local	2	N					N	E	Y	6	N	I	Local	2	Y		E	Stop sign		N	Schools	Res	N
		S	N		N	I	Local	2	N					N	W															
	Wylie Drive	N	N		N	M	Local	2						N	E	Y	6	N	M	Local	2						N			
		S	N		N	M	Local	2						N	W															

		Major Road													Minor Road															
Major Road	Minor Road	Location	CW Mkgs?	CW Marking Type	Stop Bar	Type of Xing	Road Class	# of Lanes	ADA Ramps?	ADA Access Ramps	ADA Ramp Cond	Type of Control	Sight Dist	SW needed	Location	CW Mkgs?	CW Marking Type	Stop Bar	Type of Xing	Road Class	# of Lanes	ADA Ramps?	ADA Access Ramps	ADA Ramp Cond	Type of Control	Sight Dist	SW needed	One Block	Zoning	In DDA
Bishop Drive/Circle	Bishop Circle East/West	N	N		Y	M	Local	2	N			3-way stop		N	E	N		N	M	Local	2	N			3-way stop		N		Ind	N
		S													W	N		N	M	Local	2	N			3-way stop		N		Ind	N
Mill Creek Drive	Bishop Circle East	No sidewalks, ramps, etc.																											Ind	N
	Bishop Circle West	No sidewalks, ramps, etc.																											Ind	N
Clark Woods Drive	Bishop Circle East	No sidewalks, ramps, etc.																											Ind	N
	Bishop Circle West	No sidewalks, ramps, etc.																											Ind	N
Alpine Street	5th Street	N	N		N	I/M	Local	2	N				Check		W	Y	L	N	I/M	Local	2	Y	L	A		Check	N	DDA/Parks	Res/Com	Y
	Farmers Market	N	N		N	M	Local	2	N																					
		S	Y	L	N	M	Local	2	Y		E			N																
Ulrich Street	Ulrich Court	N	N		N	M	Local	2	Y	D	A			N	E	N		N	M	Local	2	Y	D	A			N			
		S	N		N	M	Local	2	N					N	W															
Grand	Wylie Drive	N	N		N	M	Local	2	N					N	E	Y	6	Y	M	Local	2	Y	D L	A	Stop sign		N			
		S	N		N	M	Local	3	N					N	W															
DBRP		Pedestrian facilities (sidewalks, ramps, etc) do not exist within the DBRP.																												

Ramp Symbols: R = Ramps needed, D = Truncated Domes needed, S = Pedestrian Signal needs review, L = Up needs to be reviewed, F = Key Flag needs review
CW Condition: E = Excellent, A = Average, P = Poor
CW Type: 6 = 6" White Stripes, C = Continental, L = Ladder
Type of Xing: I = Intersection, M = Midblock

STANDARDIZED CROSSWALK CONFIGURATIONS



TYPICAL CROSSWALKS

CROSSWALK EVAULATION FIGURES

SCALE H: NTS V: NTS

SHEET 1 OF 2

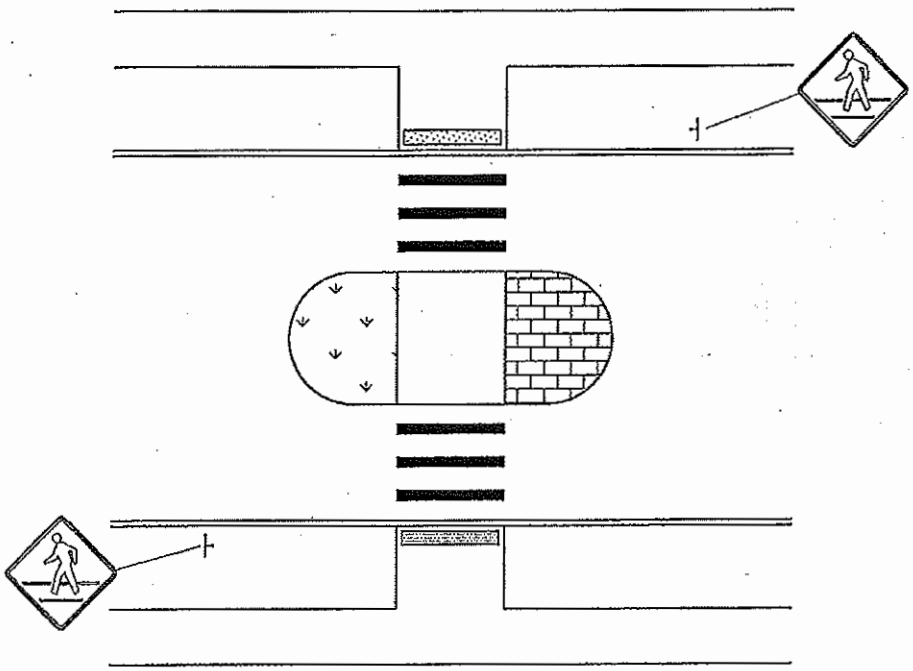
CLIENT: VILLAGE OF DEXTER

JOB #: 0130-10-0040

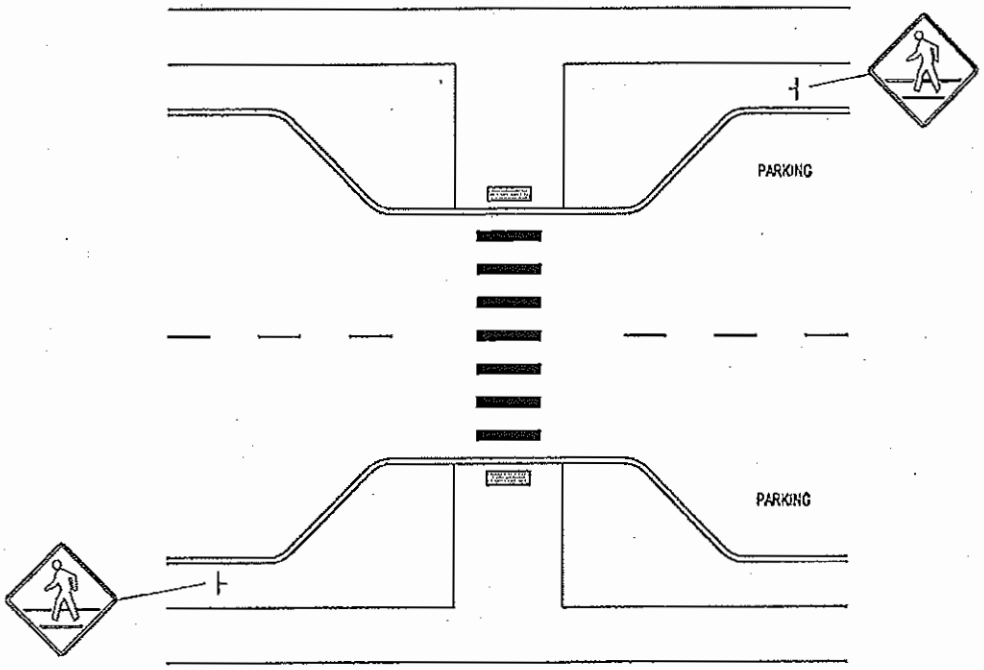
OHM

34000 Plymouth Road | Livonia, MI 48150 | P (734) 522-6711 | F (734) 522-6427 | WWW.OHM-ADVISORS.COM

DRAWING PATH: P:\0126_0165\0130100041_Crosswalk_Eval\dwg\Exhibits\Crosswalk Exhibits.dwg Jun 18, 2010 - 2:42pm



MID-BLOCK CROSSWALK
WITH REFUGE ISLAND



MID-BLOCK CROSSWALK
WITH BUMPOUTS

CROSSWALK EVAULATION FIGURES	SCALE H: NTS V: NTS SHEET 2 OF 2	OHM
CLIENT: VILLAGE OF DEXTER	JOB # 0130-10-0040	

34000 Plymouth Road | Livonia, MI 48150 | P (734) 522-6711 | F (734) 522-6427 | WWW.OHM-ADVISORS.COM

DRAWING PATH: P:\0125_0155\0130100041_Crosswalk_Eval\dwg\Exhibits\Crosswalk Exhibits.dwg Jun 18, 2010 - 4:00pm

CROSSWALK NOTES

Crossing A – Continental Markings

- Use with a HIGH pedestrian volume and HIGH traffic volume
- In residential areas, use on School Route only
- May choose to use in the downtown area
- Continental striping provides greater visibility to drivers
- Can be used with or without sign or signal control or at midblock crossing
- Cost for striping is approximately $145/lane for cold plastic, $90/lane for waterborne (A "lane" is assumed to be 11 ft wide with markings 6 ft long to delineate the crosswalk.)

Crossing B – Standard Crosswalk Markings

- Use with a change in conditions (i.e. a crosswalk is placed where one didn't previously exist)
- Use in an area where the crosswalk is long compared to the road width or the configuration is abnormal (i.e. road on a skew such as Forest St and Baker Rd)
- The minimum marking for a crosswalk at a signal
- 6-inch striping is provided to direct pedestrians, not alert drivers
- Can be used with or without sign or signal control
- Cost for striping is approximately $75/lane for cold plastic, $50/lane for waterborne (For calculation purposes, a "lane" is 11 ft long with a stripe on either side of the crosswalk.)

Crossing C – No Crosswalk Markings

- Use with a LOW pedestrian volume and LOW traffic volume
- Most residential intersections do not need markings
- Can be used with or without sign control

Crossing D – Downtown Crosswalk Markings

- Use with a HIGH volume of pedestrians in downtown area
- Contrasting pavement material (i.e. brick pavers, stamped and/or colored concrete, etc. shown as brick on the figure) provide greater visibility to drivers and aesthetically pleasing – also matches downtown character
- No need for additional pavement markings with contrasting pavement
- Can be used with sign or signal control
- Cost is approximately $1200/lane. However, this varies depending on the type of pavement material chosen. (A "lane" is 11 ft wide with a 6 ft wide crosswalk.)

Mid-Block Crosswalk

Pedestrian Refuge Island allows a refuge for pedestrians while crossing a HIGH traffic volume roadway. In locations with less traffic, bump outs give the pedestrian a shorter distance to cross the road.

- Use with a HIGH volume of pedestrians at locations with a mid-block crossing
- Zebra striping provides greater visibility – with or without geometric changes
- Must be signed appropriately to warn vehicles of crossing ahead
- Pedestrian crossing signs only at mid-block crosswalks, not at intersections
- May place plants or brick pavers in pedestrian island or bump outs – only requirement is that pedestrians must be visible from vehicles
- Can be used with sign or signal control. However, a midblock crosswalk location must not be controlled by a traffic control signal if the crosswalk is located within 100 feet from side streets or driveways that are controlled by stop or yield signs. Also, midblock crosswalks must not be signalized if they are located within 300 feet from the nearest traffic control signal, unless the proposed traffic control signal will not restrict the progressive movement of traffic.

CROSSWALK NOTES (cont.)

Mid-Block Crosswalk (cont.)

- The costs for a mid-block crossing vary greatly depending on the geometric features that are constructed, and if they area constructed individually or part of a larger project. However, for the sake of perspective, here are some costs associated with mid-block crosswalks. For a mid-block crossing with a pedestrian refuge island that is 11 ft wide by 28 ft long with brick pavers in the ends of the refuge island and a stamped concrete crosswalk that is 10 ft wide across two lanes of traffic (11 ft wide), the cost is approximately $28,000. Bumps outs that are approximately 5 ft wide and 20 ft long with grass restoration and concrete curb and gutter, the costs is approximately $15,000. These costs include ADA improvements and assume that the project is constructed on its own and not part of a larger construction project.

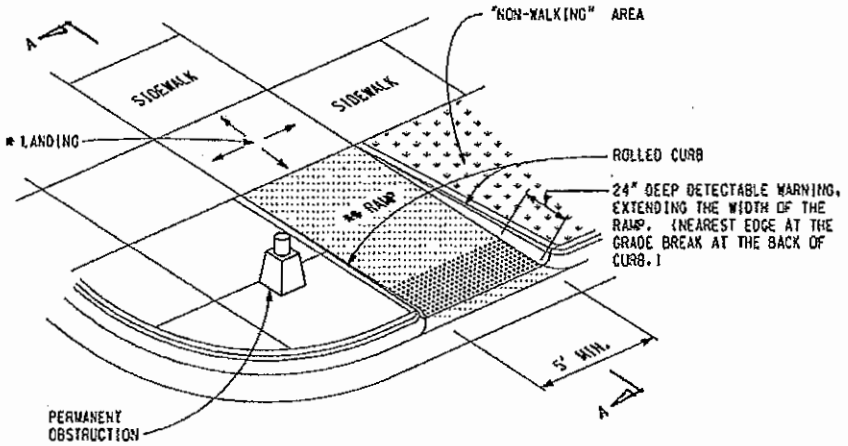
Additional Notes

- All crosswalks will need to comply with ADA requirements. Cost for an ADA ramp is approximately $300 for concrete and $550 for brick pavers.
- The minimum width of any crosswalk is 6 feet. The crosswalk may be made wider for an area that would be expecting a high number of pedestrians to be crossing at the same time (i.e. a school crossing where several students would be crossing at the same time).
- The crosswalk should extend across the full width of pavement.
- A pedestrian crossing can exist without stop bars. Stop bars are only mandated at signals. They can add emphasis at a stop sign.
- Additional pavement markings add cost for installation and maintenance, and may not be necessary.
- These pavement markings can be used in conjunction with geometric features, control features, and sidewalk features.

MDOT DETAIL R-28

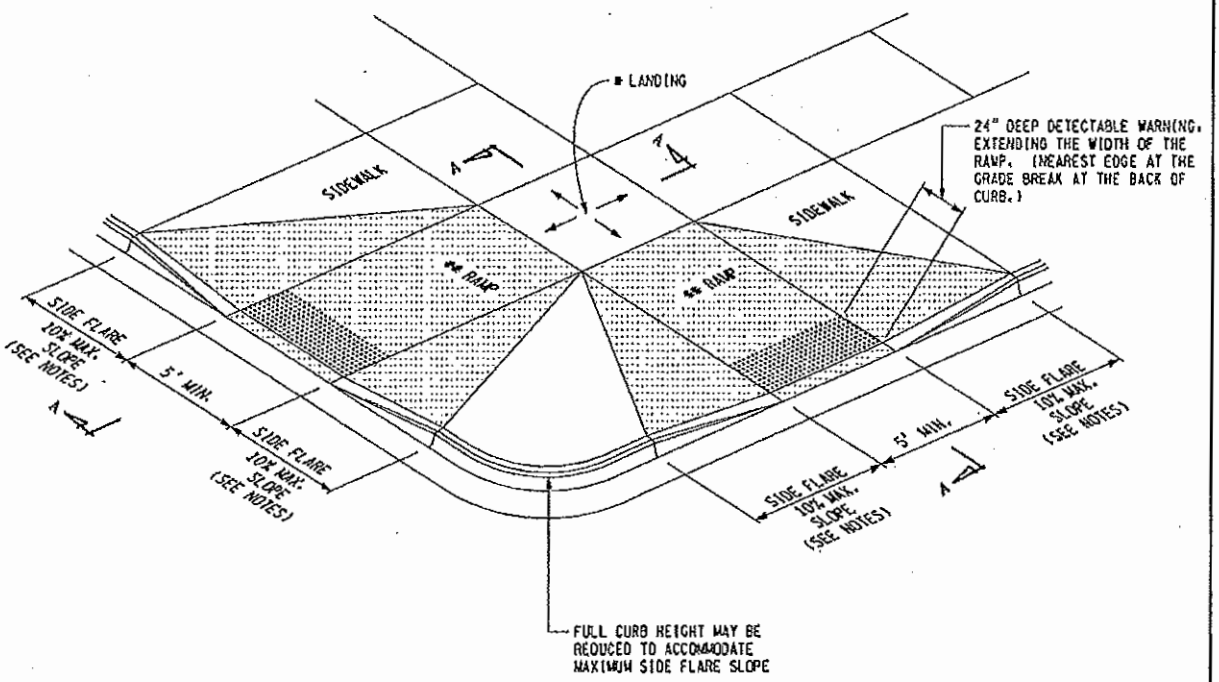
* MAXIMUM LANDING SLOPE IN ANY DIRECTION IS 2.0%. MINIMUM LANDING DIMENSIONS 5' x 5'.

** MAXIMUM CROSS SLOPE ON RAMP IS THE SAME AS THAT FOR SIDEWALK (2.0%). RUNNING SLOPE 5% - 7% (8.3% MAXIMUM) SEE NOTES.



SIDEWALK RAMP TYPE R

(ROLLED SIDES)



SIDEWALK RAMP TYPE F

(FLARED SIDES, TWO RAMPS SHOWN)

MDOT Michigan Department of Transportation PREPARED BY DESIGN DIVISION DRAWN BY: B.L.T. CHECKED BY: W.K.P.	DEPARTMENT DIRECTOR Kirk T. Steudle APPROVED BY: John C. Friend ENGINEER OF DELIVERY APPROVED BY: Bob S. Polzin ENGINEER OF DEVELOPMENT	MICHIGAN DEPARTMENT OF TRANSPORTATION BUREAU OF HIGHWAY DEVELOPMENT STANDARD PLAN FOR SIDEWALK RAMP AND DETECTABLE WARNING DETAILS			
		10-21-2008 F.H.W.A. APPROVAL	6-20-2008 PLAN DATE	R-28-F	SHEET 1 OF 7

NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT BUT AN ELECTRONIC DUPLICATE. THE ORIGINAL SIGNED COPY APPROVED FOR PUBLICATION, IS KEPT ON FILE AT THE MICHIGAN DEPARTMENT OF TRANSPORTATION.

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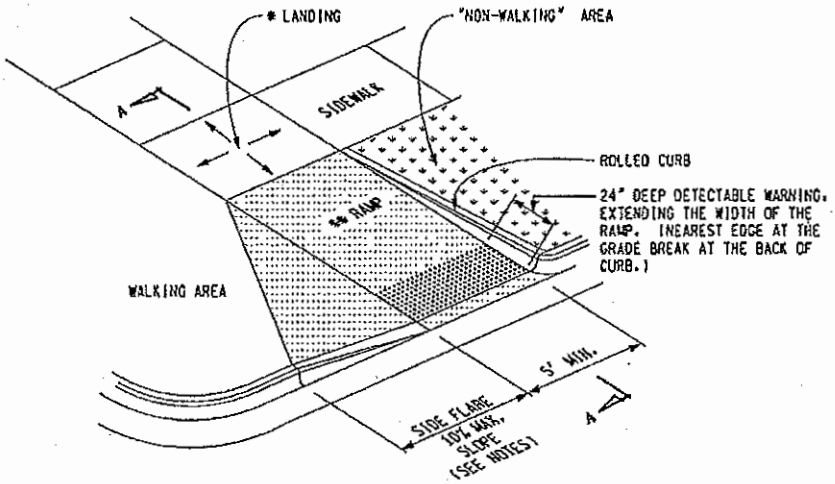
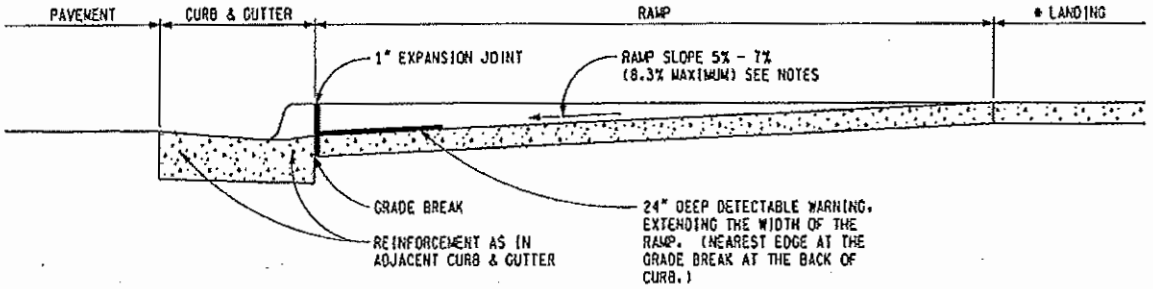
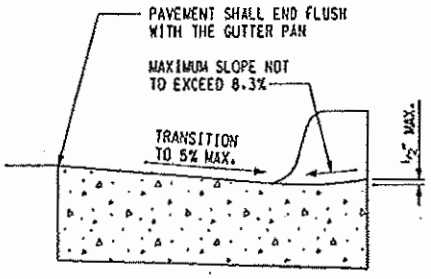


SIDEWALK RAMP TYPE RF

(ROLLED / FLARED SIDES)



SECTION A-A



SECTION THROUGH CURB CUT

(TYPICAL ALL RAMP TYPES)

MICHIGAN DEPARTMENT OF TRANSPORTATION
BUREAU OF HIGHWAY DEVELOPMENT STANDARD PLAN FOR

SIDEWALK RAMP AND DETECTABLE WARNING DETAILS

10-21-2008 F.H.W.A. APPROVAL	6-20-2008 PLAN DATE	R-28-F	SHEET 2 OF 7

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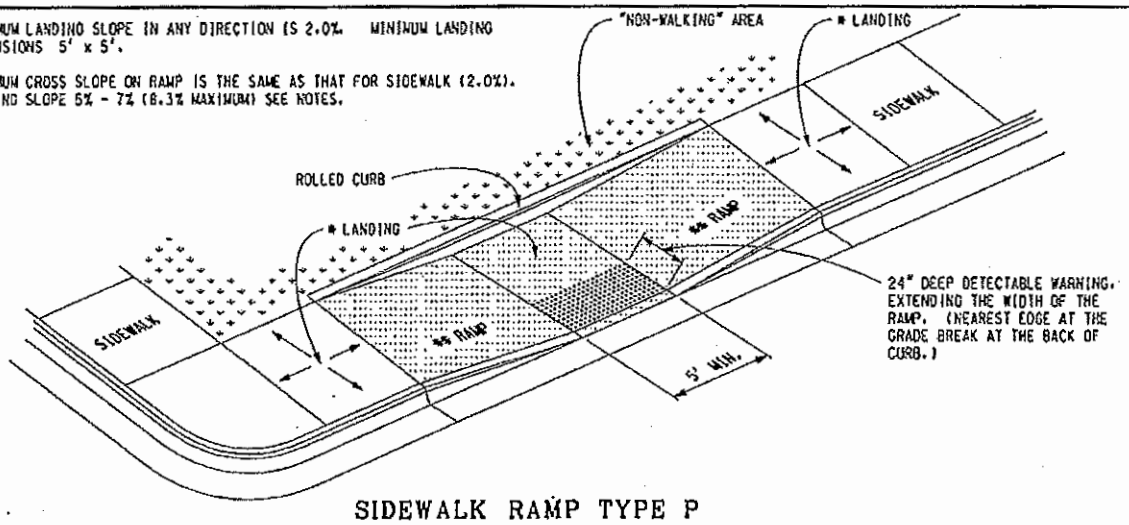
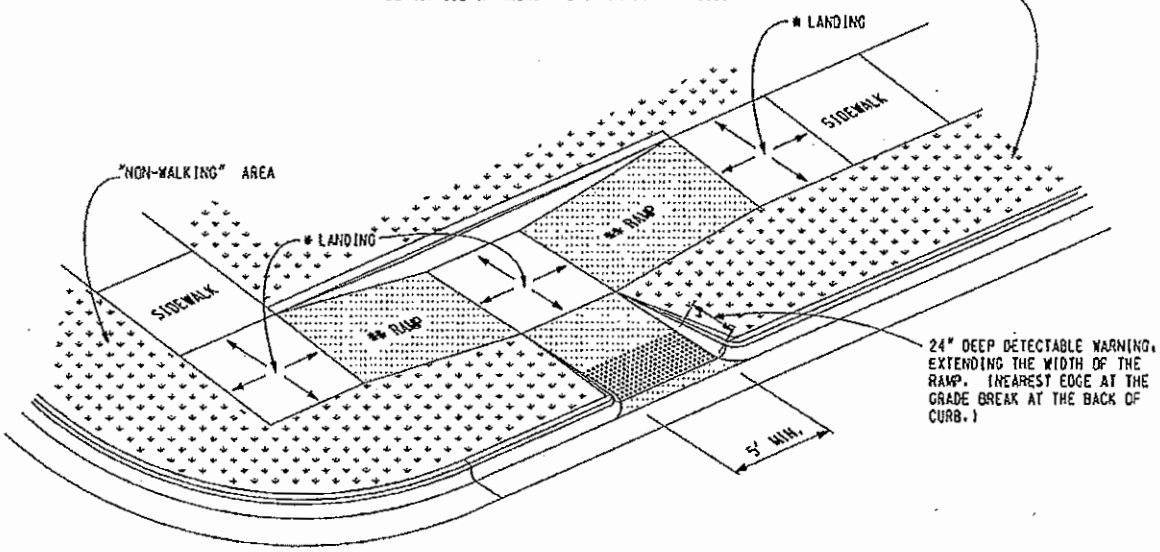


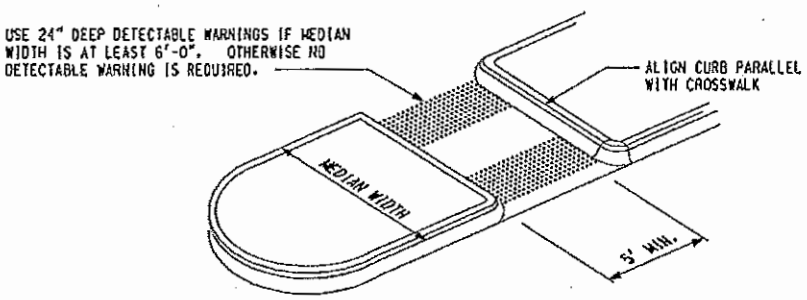
SIDEWALK RAMP TYPE P

(PARALLEL RAMP)
DO NOT USE IN AREAS WHERE PONDING MAY OCCUR



SIDEWALK RAMP TYPE C

(COMBINATION RAMP)



SIDEWALK RAMP TYPE M

(MEDIAN ISLAND)

MICHIGAN DEPARTMENT OF TRANSPORTATION
BUREAU OF HIGHWAY DEVELOPMENT STANDARD PLAN FOR

SIDEWALK RAMP AND DETECTABLE WARNING DETAILS

10-21-2008 F.H.W.A. APPROVAL	6-20-2008 PLAN DATE	R-28-F	SHEET 3 OF 7

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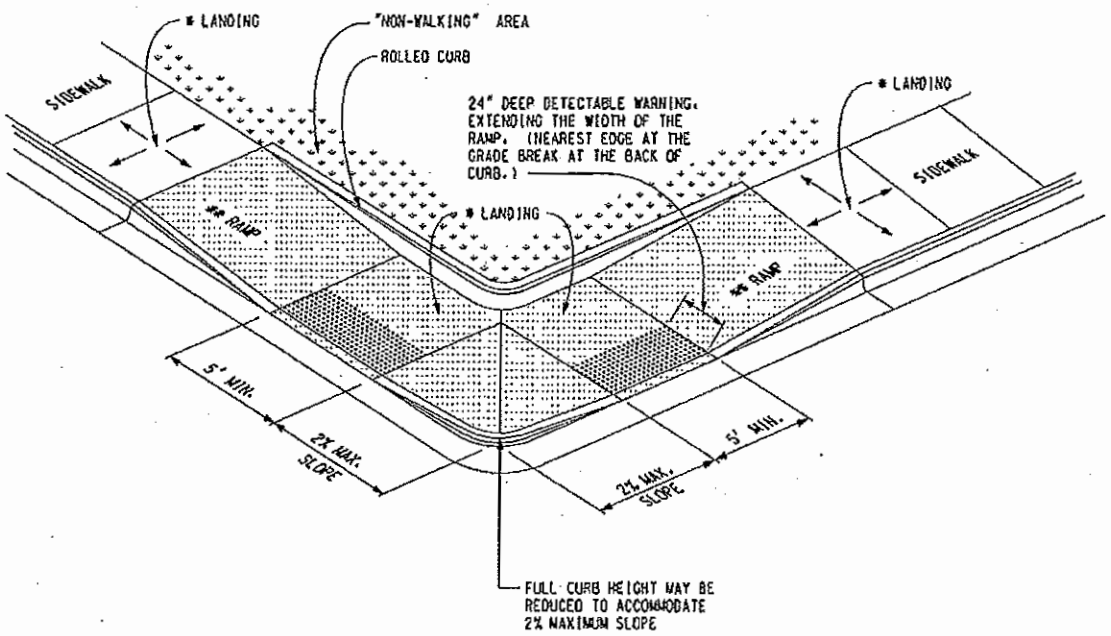
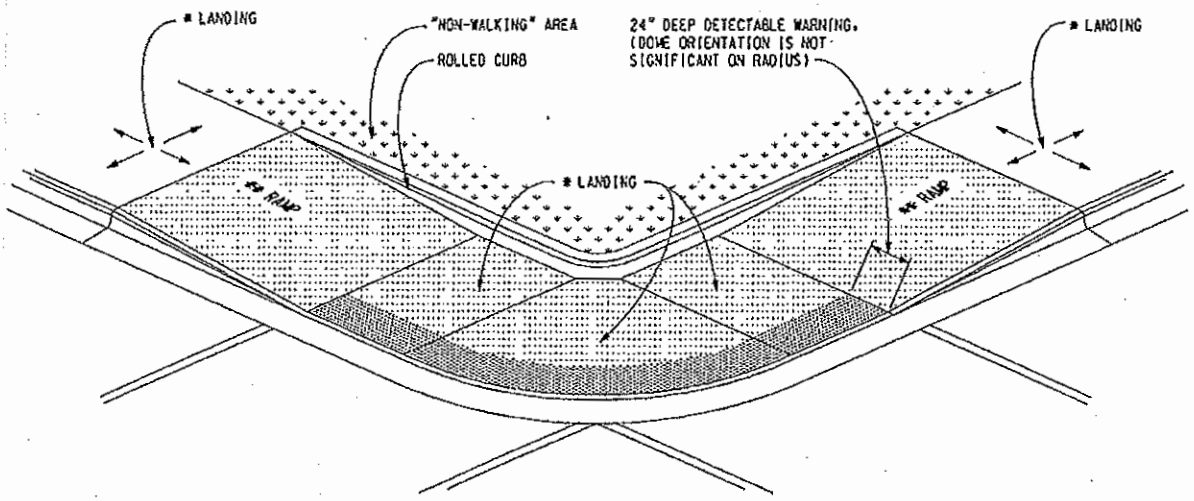


SIDEWALK RAMP TYPE PF

(PARALLEL WITH FLARE)



SIDEWALK RAMP TYPE D

(DEPRESSED CORNER)

MICHIGAN DEPARTMENT OF TRANSPORTATION
BUREAU OF HIGHWAY DEVELOPMENT STANDARD PLAN FOR

SIDEWALK RAMP AND DETECTABLE WARNING DETAILS

10-21-2008 F.H.W.A. APPROVAL	6-20-2008 PLAN DATE	R-28-F	SHEET 4 OF 7

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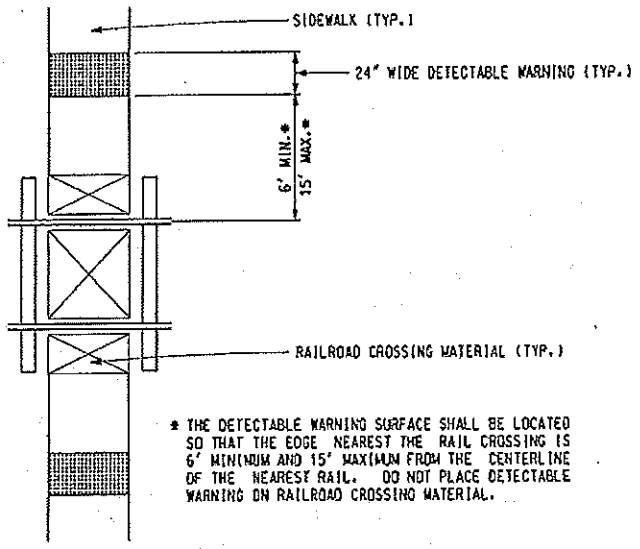
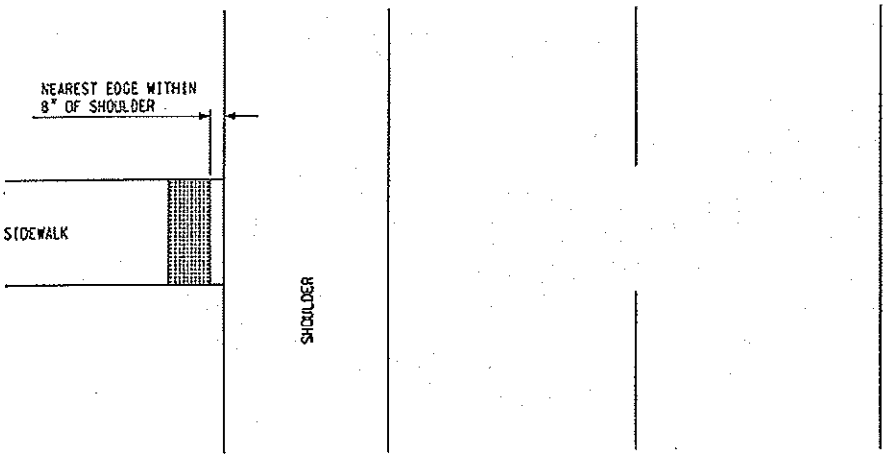


SIDEWALK RAMP TYPE RR

(DETECTABLE WARNING AT RAILROAD CROSSING)



SIDEWALK RAMP TYPE FS

(DETECTABLE WARNING AT FLUSH SHOULDER)

MICHIGAN DEPARTMENT OF TRANSPORTATION

BUREAU OF HIGHWAY DEVELOPMENT STANDARD PLAN FOR

SIDEWALK RAMP AND DETECTABLE WARNING DETAILS

10-21-2008	6-20-2008	R-28-F	SHEET
F.H.W.A. APPROVAL	PLAN DATE		5 OF 7

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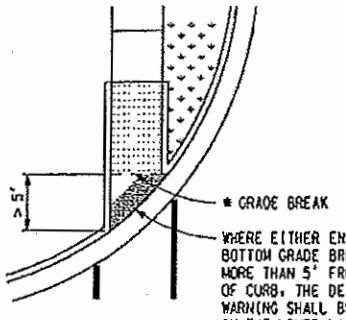
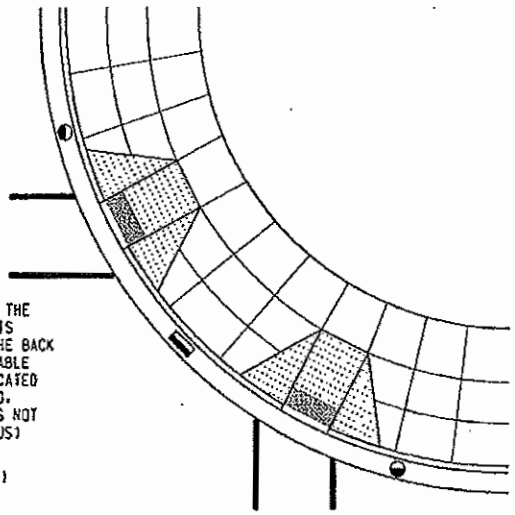
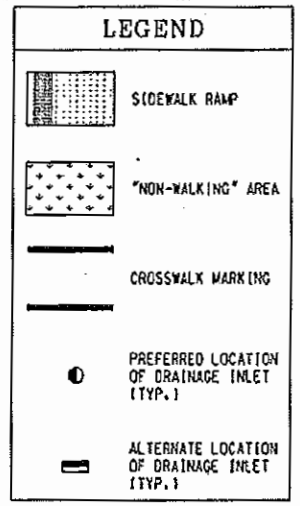


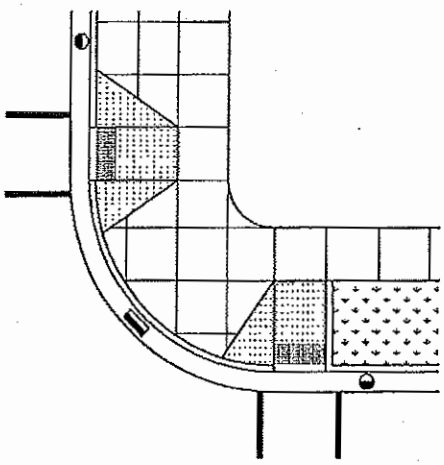
SIDEWALK RAMP LOCATED IN RADIUS (TYPE R SHOWN)
(GRADE BREAK GREATER THAN 5')



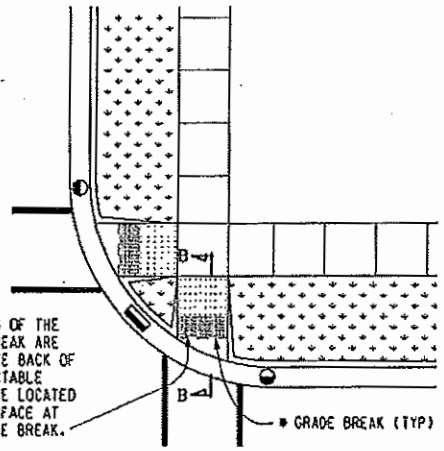
SIDEWALK RAMP PERPENDICULAR TO RADIAL CURB (TYPE F SHOWN)

(USE WITH RADIAL CURB WHEN THE CROSSWALK AND SIDEWALK RAMP ARE NOT ALIGNED)



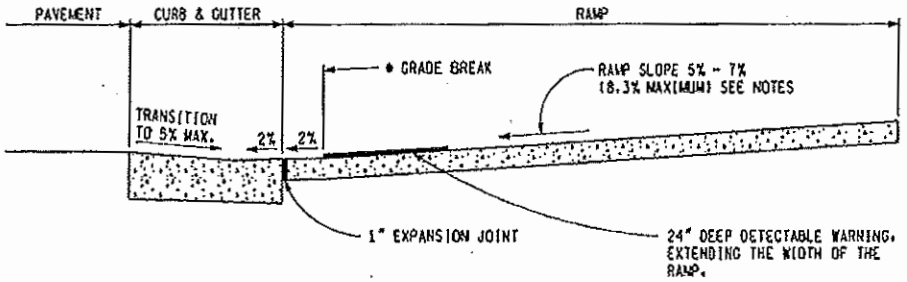


SIDEWALK RAMP PERPENDICULAR TO TANGENT CURB
(TYPE F AND TYPE RF SHOWN)



SIDEWALK RAMP LOCATED IN RADIUS (TYPE R SHOWN)
(GRADE BREAK LESS THAN 5')

* GRADE BREAKS AT THE TOP AND BOTTOM OF PERPENDICULAR CURB RAMPS SHALL BE PERPENDICULAR TO THE DIRECTION OF RAMP RUN. AT LEAST ONE END OF THE BOTTOM GRADE BREAK SHALL BE AT THE BACK OF CURB.



SECTION B-B

SIDEWALK RAMP ORIENTATION

MICHIGAN DEPARTMENT OF TRANSPORTATION
BUREAU OF HIGHWAY DEVELOPMENT STANDARD PLAN FOR

SIDEWALK RAMP AND DETECTABLE WARNING DETAILS

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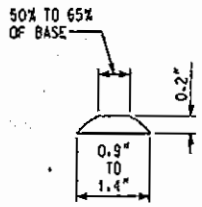
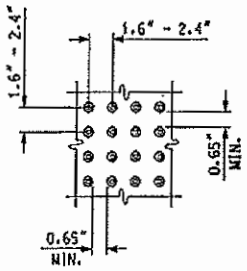
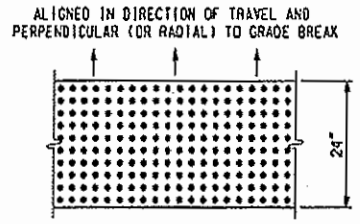


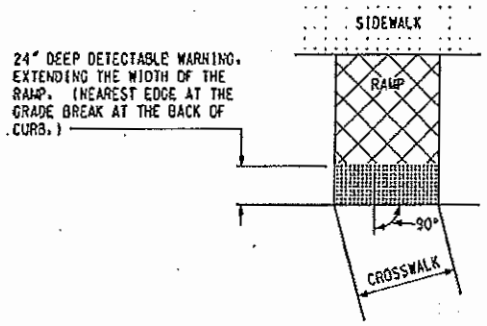
DOME SECTION



DOME SPACING



DOME ALIGNMENT



DETECTABLE WARNING DETAILS

NOTES:

DETAILS SPECIFIED ON THIS PLAN APPLY TO ALL CONSTRUCTION, RECONSTRUCTION, OR ALTERATION OF STREETS, CURBS, OR SIDEWALKS BY ALL PUBLIC AGENCIES AND BY ALL PRIVATE ORGANIZATIONS CONSTRUCTING FACILITIES FOR PUBLIC USE.

SIDEWALK RAMPS ARE TO BE LOCATED AS SPECIFIED ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

RAMPS SHALL BE PROVIDED AT ALL CORNERS OF AN INTERSECTION WHERE THERE IS EXISTING OR PROPOSED SIDEWALK AND CURB. RAMPS SHALL ALSO BE PROVIDED AT WALK LOCATIONS IN MID-BLOCK IN THE VICINITIES OF HOSPITALS, MEDICAL CENTERS, AND LARGE ATHLETIC FACILITIES.

SURFACE TEXTURE OF THE RAMP SHALL BE THAT OBTAINED BY A COARSE BROOMING, TRANSVERSE TO THE SLOPE OF RAMP.

SIDEWALK SHALL BE RAMPED WHERE THE DRIVEWAY CURB IS EXTENDED ACROSS THE WALK.

CARE SHALL BE TAKEN TO ASSURE A UNIFORM GRADE ON THE RAMP, FREE OF SAGS AND SHORT GRADE CHANGES. WHERE CONDITIONS PERMIT, IT IS DESIRABLE THAT THE SLOPE OF THE RAMP BE IN ONLY ONE DIRECTION, PARALLEL TO THE DIRECTION OF TRAVEL.

RAMP WIDTH SHALL BE INCREASED, IF NECESSARY, TO ACCOMMODATE SIDEWALK SNOW REMOVAL EQUIPMENT NORMALLY USED BY THE MUNICIPALITY.

THE MAXIMUM RUNNING SLOPE OF 8.3% IS RELATIVE TO A FLAT (0%) REFERENCE. HOWEVER, IT SHALL NOT REQUIRE ANY RAMP OR SINGLE RAMP WITHIN A COMBINATION OF RAMPS TO EXCEED 15 FEET IN LENGTH.

IF POSSIBLE, DRAINAGE STRUCTURES SHOULD NOT BE PLACED IN LINE WITH RAMPS. EXCEPT WHERE EXISTING DRAINAGE STRUCTURES ARE BEING UTILIZED IN THE NEW CONSTRUCTION, LOCATION OF THE RAMP SHOULD TAKE PRECEDENCE OVER LOCATION OF DRAINAGE STRUCTURE.

THE SLOPE OF THE GUTTER PAN SHALL BE TRANSITIONED TO A MAXIMUM OF 5% IN THE AREA OF THE CURB CUT OF THE SIDEWALK RAMP. MAINTAIN THE NORMAL GUTTER PAN SLOPE ACROSS THE DRAINAGE STRUCTURE INLETS.

THE TOP OF THE JOINT FILLER FOR ALL RAMP TYPES SHALL BE FLUSH WITH THE ADJACENT CONCRETE.

CROSSWALK AND STOP LINE MARKINGS, IF USED, SHALL BE SO LOCATED AS TO STOP TRAFFIC SHORT OF RAMP CROSSINGS. SPECIFIC DETAILS FOR MARKING APPLICATIONS ARE GIVEN IN THE "MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES".

FLARED SIDES WITH A SLOPE OF 10% MAXIMUM, MEASURED ALONG THE CURB LINE, SHALL BE PROVIDED WHERE A CIRCULATION PATH CROSSES THE SIDEWALK RAMP. FLARED SIDES ARE NOT REQUIRED WHERE THE EDGES OF A SIDEWALK RAMP ARE PROTECTED BY LANDSCAPING OR OTHER BARRIERS TO TRAVEL BY WHEELCHAIR USERS OR PEDESTRIANS ACROSS THE EDGE OF THE SIDEWALK RAMP.

MICHIGAN DEPARTMENT OF TRANSPORTATION
BUREAU OF HIGHWAY DEVELOPMENT STANDARD PLAN FOR

SIDEWALK RAMP AND DETECTABLE WARNING DETAILS

10-21-2008	6-20-2008	R-28-F	SHEET
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CITY OF ANN ARBOR ORDINANCE

ORDINANCE NO. ORD-10-28

First Reading :	July 6, 2010	Approved:	July 19, 2010
Public Hearing :	July 19, 2010	Published:	July 22, 2010
		Effective:	August 1, 2010

PEDESTRIAN SAFETY IN CROSSWALKS

AN ORDINANCE TO AMEND SECTION 10:148 OF CHAPTER 126 (TRAFFIC), TITLE X OF THE CODE OF THE CITY OF ANN ARBOR.

The City of Ann Arbor Ordains:

Section 1. That Section 10:148 of Chapter 126 of Title X of the Code of the City of Ann Arbor be amended to read as follows:

10:148. Pedestrians crossing streets.

(a) When traffic-control signals are not in place or are not in operation, the driver of a vehicle shall stop and yield the right-of-way to every pedestrian approaching or within a crosswalk.

(b) A pedestrian shall not suddenly leave a curb or other place of safety and walk or run into a path of a vehicle that is so close that it is impossible for the driver to yield.

(c) Every pedestrian crossing a roadway at any point other than within a marked crosswalk or within an unmarked crosswalk at an intersection shall yield the right-of-way to all vehicles upon the roadway.

Section 2. This Ordinance shall take effect ten days after passage and publication.

Deleted: (b) When traffic-control signals are not in place or are not in operation, the driver of a vehicle shall yield the right-of-way, slowing down or stopping if need be to so yield, to a pedestrian crossing the roadway within a crosswalk when the pedestrian is on the half of the roadway on which the vehicle is traveling or when the pedestrian is approaching so closely from the opposite half of the roadway as to be in danger, but a pedestrian shall not suddenly leave a curb or other place of safety and walk or run into a path of a vehicle that is so close that it is impossible for the driver to yield.

Deleted: (a)

CERTIFICATION

I hereby certify that the Council of the City of Ann Arbor, Michigan, adopted the foregoing ordinance at its regular session of July 19, 2010.

_____
Date

_____
Jacqueline Beaudry, City Clerk

_____
John Hieftje, Mayor

I hereby certify that the foregoing ordinance received legal publication on the City's website on July 22, 2010.

_____
Jacqueline Beaudry, City Clerk

AGENDA 9-13-10

ITEM L-3.

VILLAGE OF DEXTER - COMMUNITY DEVELOPMENT OFFICE
8140 Main Street • Dexter, Michigan 48130-1092 • (734) 426-8303 • Fax (734) 426-5614

Memorandum

To:	Village Council and President Keough Donna Dettling, Village Manager
From:	Allison Bishop, AICP, Community Development Manager
Re:	General Code Amendments - Chapter 10, Article I and II Fee Schedule Amendment POSTPONED FROM August 23, 2010
Date:	~~July 26, 2010~~ September 7, 2010

On August 23, 2010 a public hearing was held on proposed amendments to Chapter 10, Article 1, Animals and Article 2, Dogs.

The proposed amendments were recommended by the Planning Commission and included adding provisions to PERMIT chickens and bees within the Village limits. The proposed amendments also included additional provisions and definitions for the regulation of dogs within the Village.

A motion to approve the amendments failed and then action on the proposed amendments was postponed to allow for additional consideration, including removing permitting chickens and bees within the Village.

Attached is the revised proposed Animal Ordinance with provisions prohibiting bees and chickens. Additional amendments proposed to Article 2, Dogs, include removing language related to where impounding stray dogs are taken and confinement that is regulated by State Law.

ACTION REQUESTED

Please take action on the proposed ordinance amendments or provide staff with additional direction.

Please take action on the proposed amendment to the fee schedule for special dog permits for residents exceeding 3 dogs. It is recommended that the fee be set at $100 for the initial permit that requires a public hearing and resident notification. It is recommended that the annual permit fee be set at $25. The recommended permit fees are shown on the attached resolution.

Please feel free to contact me prior to the meeting with questions.
Thank you.

ARTICLE I. ANIMALS*

Sec. 10-1. Municipal civil infraction.

Any person who violates any provision of this article shall be responsible for a civil infraction, subject to payment of a civil fine as set forth in section 22-38. Repeat offenses under this article shall be subject to increased fines as set forth in section 22-38.

Sec. 10-2. Domestic animals and fowl.

(1) No person shall keep or house any animals or domestic fowl within the Village limits except dogs, cats, rabbits, canaries or small animals commonly classified as pets which are customarily housed inside dwellings as household pets.

(2) Subsection (1) shall not apply to animals or fowl that are kept or housed at Village parks facilities for exhibition.

Sec. 10-3. Other.

(1) Bees. Bee keeping, bee hives or apiary's are prohibited in the village limits.

Nothing in this ordinance shall prohibit the Village or a third party from bringing a nuisance action based on the keeping of animals.

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Deleted: <#>Subsection (1) shall not apply to the keeping of bees in compliance with all the requirements of Section 10-3.¶
<#>Subsection (1) shall not apply to the keeping of chickens in compliance with all requirements of Section 10-4.¶

Deleted: Sec. 10-3. Bees.¶
No person shall keep or possess an apiary containing more than 2 stands or hives of bees within the Village of Dexter.¶
(1) . Any person who keeps bees in the Village of Dexter shall obtain a permit from the Village prior to acquiring the bees. No permit shall be issued to a person, by the Village, and no bees shall be allowed to be kept unless the owners of all residentially zoned adjacent properties (as defined below in subsection (3)f.) consent in writing to the permit and this consent is presented along with an application for a permit. Written statements waiving the distance requirement in subsection (3) below shall also be submitted at the time of application and become a part of the permit if issued. Application shall be made to the Village and the fee for the permit shall be as determined by Council resolution.¶
Permits expire and become invalid 5 years after the date of issuance. A person who wishes to continue keeping bees shall have obtained a new permit on or before the expiration date of the previous permit. Application for a new permit shall be pursuant to the procedures and requirements that are applicable at the time the person applies for a new permit.¶
(2) . Notwithstanding the issuance of a permit by the Village, private restrictions on the use of property shall remain enforceable and take precedence over a permit. Private restrictions include but are not limited to deed restrictions, condominium master deed restrictions, neighborhood association by-laws, and covenant deeds. A permit issued to a person whose property is subject to private restrictions that prohibit the keeping of bees is void. The interpretation and enforcement of the private restriction is the sole responsibility of the private parties involved.¶
(3) . A person who keeps bees on his or her property shall comply with all of the following requirements:¶
a. Have been issued the permit required under subsection (1) of this section.¶
b. Keep no more than 2 stands or hives of bees.¶
c. The principal use of the person's property is for a single-family dwelling or two-family dwelling.¶
d. A person shall not keep bees in any location on the property other than ... [1]

Sec. 10-3. Bees.

No person shall keep or possess an apiary containing more than 2 stands or hives of bees within the Village of Dexter.

(1) Any person who keeps bees in the Village of Dexter shall obtain a permit from the Village prior to acquiring the bees. No permit shall be issued to a person, by the Village, and no bees shall be allowed to be kept unless the owners of all residentially zoned adjacent properties (as defined below in subsection (3)f.) consent in writing to the permit and this consent is presented along with an application for a permit. Written statements waiving the distance requirement in subsection (3) below shall also be submitted at the time of application and become a part of the permit if issued. Application shall be made to the Village and the fee for the permit shall be as determined by Council resolution.

Permits expire and become invalid 5 years after the date of issuance. A person who wishes to continue keeping bees shall have obtained a new permit on or before the expiration date of the previous permit. Application for a new permit shall be pursuant to the procedures and requirements that are applicable at the time the person applies for a new permit.

(2) Notwithstanding the issuance of a permit by the Village, private restrictions on the use of property shall remain enforceable and take precedence over a permit. Private restrictions include but are not limited to deed restrictions, condominium master deed restrictions, neighborhood association by-laws, and covenant deeds. A permit issued to a person whose property is subject to private restrictions that prohibit the keeping of bees is void. The interpretation and enforcement of the private restriction is the sole responsibility of the private parties involved.

(3) A person who keeps bees on his or her property shall comply with all of the following requirements:

a. Have been issued the permit required under subsection (1) of this section.

b. Keep no more than 2 stands or hives of bees.

c. The principal use of the person's property is for a single-family dwelling or two-family dwelling.

d. A person shall not keep bees in any location on the property other than in the backyard. For purposes of this section, "backyard" means that portion of a lot enclosed by the property's rear lot line and the side lot lines to the points where the side lot lines intersect with the rear building line of the single-family or two-family structure and extending to the side lot lines.

e. No apiary shall be located closer than 10 feet to any property line of an adjacent property;

f. All enclosures for the keeping of bees shall be so constructed to protect the safety of the public and prevent vermin. A covered enclosure or fenced enclosure shall not be located closer than 40 feet to any residential structure on an adjacent property provided, however, this requirement can be waived as follows:

(i) If the principal use of applicant's property is for a single-family dwelling, to obtain such a waiver the applicant shall present at the time of applying for a permit the written statements of all adjacent landowners that there is no objection to the issuance of the permit.

(ii) If the principal use of the applicant's property is for a two-family dwelling, to obtain such a waiver the applicant shall present at the time of applying for a permit the written statements of all adjacent landowners and of the occupants of the other dwelling stating that there is no objection to the issuance of the permit.

g. For purposes of this section, adjacent property means all parcels of property that the applicant's property comes into contact with at 1 or more points, except for parcels that are legally adjacent to but are in fact separated from the applicant's property by a public or private street.

h. If the above requirements are not complied with, the Village may revoke any permit granted under this section and/or initiate prosecution for a civil infraction violation.

(4) A person who has been issued a permit shall submit it for examination upon demand by any Police Officer or Code Enforcement Officer.

Sec. 10-4. Keeping of chickens.

(1) Any person who keeps chickens in the Village of Dexter shall obtain a permit from the Village prior to acquiring the chickens. No permit shall be issued to a person, by the Village, and no chickens shall be allowed to be kept unless the owners of all residentially zoned adjacent properties (as defined below in subsection (3)j.) consent in writing to the permit and this consent is presented along with an application for a permit. Written statements waiving the distance requirement in subsection (3) below shall also be submitted at the time of application and become a part of the permit if issued. Application shall be made to the Village and the fee for the permit shall be as determined by Council resolution.

Permits expire and become invalid 5 years after the date of issuance. A person who wishes to continue keeping chickens shall have obtained a new permit on or before the expiration date of the previous permit. Application for a new permit shall be pursuant to the procedures and requirements that are applicable at the time the person applies for a new permit.

(2) Notwithstanding the issuance of a permit by the Village, private restrictions on the use of property shall remain enforceable and take precedence over a permit. Private restrictions include but are not limited to deed restrictions, condominium master deed restrictions, neighborhood

association by-laws, and covenant deeds. A permit issued to a person whose property is subject to private restrictions that prohibit the keeping of chickens is void. The interpretation and enforcement of the private restriction is the sole responsibility of the private parties involved.

(3) A person who keeps or houses chickens on his or her property shall comply with all of the following requirements:

a. Have been issued the permit required under subsection (1) of this section.

b. Keep no more than 4 chickens.

c. The principal use of the person's property is for a single-family dwelling or two-family dwelling.

d. No person shall keep any rooster.

e. No person shall slaughter any chickens.

f. The chickens shall be provided with a covered enclosure and must be kept in the covered enclosure or a fenced enclosure at all times. Fenced enclosures are subject to all provisions of the Village's Fence Ordinance, Article 3, Section 3.17.

g. A person shall not keep chickens in any location on the property other than in the backyard. For purposes of this section, "backyard" means that portion of a lot enclosed by the property's rear lot line and the side lot lines to the points where the side lot lines intersect with the rear building line of the single-family or two-family structure and extending to the side lot lines.

h. No covered enclosure or fenced enclosure shall be located closer than 10 feet to any property line of an adjacent property;

i. All enclosures for the keeping of chickens shall be so constructed or repaired as to prevent rats, mice, or other rodents from being harbored underneath, within, or within the walls of the enclosure. A covered enclosure or fenced enclosure shall not be located closer than 40 feet to any residential structure on an adjacent property provided, however, this requirement can be waived as follows:

(i) If the principal use of applicant's property is for a single-family dwelling, to obtain such a waiver the applicant shall present at the time of applying for a permit the written statements of all adjacent landowners that there is no objection to the issuance of the permit.

(ii) If the principal use of the applicant's property is for a two-family dwelling, to obtain such a waiver the applicant shall present at the time of applying for a permit the written statements of all adjacent landowners and of the occupants of the other dwelling stating that there is no objection to the issuance of the permit.

j. For purposes of this section, adjacent property means all parcels of property that the applicant's property comes into contact with at 1 or more points, except for parcels that are legally adjacent to but

are in fact separated from the applicant's property by a public or private street.

k. All feed and other items associated with the keeping of chickens that are likely to attract or to become infested with or infected by rats, mice, or other rodents shall be protected so as to prevent rats, mice, or other rodents from gaining access to or coming into contact with them.

m. If the above requirements are not complied with, the Village may revoke any permit granted under this section and/or initiate prosecution for a civil infraction violation.

(4) A person who has been issued a permit shall submit it for examination upon demand by any Police Officer or Code Enforcement Officer.

ARTICLE II. DOGS*

*State law references: Regulations pertaining to dogs, MCL 287.261 et seq.

Sec. 10-31. Municipal civil infraction.
Any person who violates any provision of this article shall be responsible for a civil infraction, subject to payment of a civil fine as set forth in section 22-38. Repeat offenses under this article shall be subject to increased fines as set forth in section 22-38.

Sec. 10-32. Definitions.
For the purpose of this chapter, the following terms shall have the following meanings respectively designated for each:

(1) *Animal Control Officer.* Any Police Officer or County designate provided that such persons meet the qualifications specified by Act 339, Public Acts of 1919, as amended.
(2) *Dangerous animal.* An animal which has bitten a person so as to draw blood or caused a person broken bones or which has repeatedly attacked, chased or menaced any person or damaged the property (including animals) of persons other than the owner. An animal shall not be considered dangerous solely because it has bitten or attacked a person or any animal attacking its owner or its owner's family nor shall an animal be considered dangerous if it bites or injures a person who has, without justification, provoked it by attacking it or its young.
(3) *Own.* To have possession or a right of property in an animal or to permit a dog or cat to remain on or about one's premises 10 days or more.
(4) *Under reasonable control.* A dog which is:
(a) Secured by a leash held by the owner or the owner's agent;
(b) Secured by a leash which is attached to a stationary object and attended by the owner or the owner's agent; or
(c) On the premises of the owner or confined in a vehicle.
(5) *Vicious animal.* An animal which:
(a) Has killed a person or caused a person serious bodily injury, including, but not limited to, injuries resulting in hospital confinement or reconstructive surgery.
(b) Is owned, possessed, harbored or trained for the purpose of animal fighting.
(c) Repeatedly bites or in any way injures people.

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Sec. 10-33. License, tag required for dogs six months old.
No person shall own any dog six months old or over, unless the dog is licensed pursuant to Public Act No. 339 of 1919 (MCL 287.261 et seq.) or own any dog six months old or over, that does not at all times wear a collar with a tag approved by the director of agriculture, attached as provided in Public Act No. 339 of 1919 (MCL 287.267), except when such dog is engaged in lawful hunting accompanied by its lawful owner or custodian; or for any person except the owner or authorized agent, to remove any license tag from a dog.
(Ord. eff. 3-20-1995(1), § 21.010(A))

State law references: Dog license required, MCL 287.262; dog license tag kept on dog, MCL 287.267.

Sec. 10-34. Female dogs in heat; straying dogs prohibited.

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It shall be a violation for any owner:

(1) Of any female dog to permit the female dog to go beyond the premises of such owner when she is in heat, unless the female dog is held properly in leash;

(2) Of any dog, except working dogs such as leader dogs, guard dogs, farm dogs, hunting dogs, and other such dogs, when accompanied by their owner or his authorized agent, while actively engaged in activities for which such dogs are trained, to stray, unless held properly in leash.

(Ord. eff. 3-20-1995(1), §§ 21.010(A), 21.011)

State law references: Similar provisions, MCL 287.262.

Sec. 10-35. Impoundment.

Deleted: 4

Deleted: council

Deleted: village

Deleted: police

Deleted: for a period not to exceed two days at a location within the village to be established by the village council.

(a) If it is brought to the attention of the village or the law enforcement officer that a dog has strayed in violation of this section, the law enforcement officer shall issue a violation notice to the owner of any such dog and impound such dog.

(b) If it is necessary to impound a dog, it shall be taken to the Humane Society of Huron Valley.

(c) If a village law enforcement officer, pursuant to this section impounds a stray dog or an unlicensed dog, the owner or authorized agent of such dog shall be so informed. Such owner or authorized agent shall be required to pay the fees of impounding such dog, which fees shall include, but not be limited to, the actual expense of taking the dog into custody, transporting the dog to the location of impoundment, feeding, and caring for the dog during the period of confinement.

(d) The payment of impoundment and confinement costs shall not constitute a fine nor penalty but shall be in addition to any fine or penalty prescribed by law.

(Ord. eff. 3-20-1995(1), §§ 21.012--21.015)

State law references: Authority to impound animals at large, MCL 67.3.

Sec. 10-36. Noisy dogs.

Deleted: 5

It shall be a violation for an owner to harbor or keep within the village a dog which by loud and frequent barking, yelping, growling or other noise causes material disturbance, or discomfort to persons in their reasonable use and enjoyment of premises thereabout. After 10:00 p.m. and before 7:00 a.m., animal noises audible beyond the property line of the property where the animal is located are presumed to be an annoyance and disturbance and are presumed to constitute a noise nuisance.

(Ord. eff. 3-20-1995(1), § 21.017)

Cross references: Public nuisances, § 18-31 et seq.; noise, § 18-61 et seq.

Sec. 10-37. Dog waste.

Deleted: 6

The owner of a dog shall not permit or enable his dog to discharge its feces on property other than that of its owner unless the dog owner removes and disposes of such feces immediately. In addition to any other available enforcement or abatement mechanism

provided by state or local law, violation of this section is a civil infraction and carries a maximum fine of $50.00.
(Ord. eff. 7-3-2002(1), § 2)

Sec. 10-38. Pet Ownership.

(1) Pet ownership of certain animals expressly owned by any residents shall be permitted in residential districts and shall include:

A. Small animals (legal, nonprotected species) confined solely within the dwelling proper (e.g. rodents, birds and reptiles);

B. Marine (fish) species except those prohibited by protective law;

C. Domesticated dogs and household cats as single pets providing they are in compliance with the ordinance;

(2) Keeping, possession, or harboring of live hogs, cows, sheep, goats, or any species of equines is prohibited.

(3) Keeping, possession, or harboring of protected species, except as federally approved, is prohibited. Keeping, possession, or harboring undomesticated animals of a wild or feral nature, or larger than a house cat, is prohibited.

(4) Any resident who keeps more than three (3) dogs and/or cats shall be required to first obtain a special use permit from the village council after a public hearing held in the manner required for special use permits under the provisions of the zoning ordinance of the village.

Any resident who keeps more than three dogs and/or cats shall annually, on or before the first day of January, apply for and obtain from the village zoning official a zoning compliance permit, which application shall certify under oath that the applicant is in full compliance with all the provisions of this ordinance and all other ordinances pertaining to the keeping of dogs and cats in the village. The fee for such permit shall be as established by resolution of the village council.

Sec. 10-39. Violations.

The owner of any dog or other animal shall be guilty of a violation of the chapter if:

(1) The dog is at any time not under reasonable control;

(2) The animal causes a noise nuisance;

(3) The animal causes a sanitation nuisance;

(4) The dog is over 6 months old and is not currently licensed or is not wearing a license tag issued pursuant to this chapter;

(5) The dog (except leader dogs for the blind) discharges its feces on property other than that of its owner and the owner does not immediately remove such feces;

(6) The animal is vicious;

(7) The animal has symptoms of rabies or has bitten or been bitten by another animal showing symptoms of rabies and the owner fails to notify an Animal Control Officer of that fact;

(8) The owner of a cat older than 6 months fails to have it at all times immunized against rabies;

(9) The owner fails to provide the animal with proper food, drink or shelter from the weather;
(10) The owner fails to provide the animal with medical attention necessary to prevent the animal from suffering;
(11) The owner confines or leaves the animal in a vehicle or other enclosure without adequate ventilation to prevent the animal from suffering;
(12) A dangerous dog, when kept out of doors, is not in a pen or kennel sufficient to restrain the dog and surrounded by a perimeter fence not sharing common fencing with the pen or kennel;
(13) The animal, other than a dog, is dangerous and is not kept indoors;
(14) The person is convicted of owning a vicious dog and then acquires another dog within 2 years of the date of the conviction.

AGENDA 9-13-10

ITEM L-4

VILLAGE OF DEXTER - FEE SCHEDULE

WHEREAS, the Village Code requires that fees be paid for applications to the Village for various permits and further provides that the fees for most of these such permits shall be established from time to time by resolution of the Village Council; and

WHEREAS, the Village Council desires to revised permit fees effective as of October 12, 2009.

NOW, THEREFORE, be it resolved that effective October 12, 2009, and revised on September 13, 2010, the fees for the following permits required under the Village Code shall be as follows:

1. Zoning Compliance Applications
   - a) Residential Home.....$50.00
   - b) Multi-Family/Commercial Build out/Industrial/Quasi-Public.....$100.00
   - c) Remodel (Commercial or Residential) /Deck/Fence.....$25.00
   - d) Temporary Structure.....$25.00

2. Sign Permit.....$50.00
   - a) Sandwich Board Sign Permit.....$25.00
   - b) Temporary Sign / Banner Permit (not over road).....$15.00
   - c) Banner Permit (over road).....$200.00

3. Zoning Board of Appeals
   - a) Residential.....$250.00
   - b) Non-Residential.....$350.00
   - c) Meeting attendance by consultant.....$150.00

4. Rezoning (Zoning Ordinance/Map Amendments).....$750.00 + $40.00/acre + Deposit

5. Special Meeting – Planning Commission.....$600.00

6. Special Use Application/Permit.....$350.00 + $5.00/acre

7. Site Plan Review Fees*
   - a) Preliminary Site plan.....$600.00* + $50.00/acre + Deposit
   - b) Final Site Plan.....$900.00* + $50.00/acre + Deposit
   - c) Combined Site Plan.....$1100.00* + $50.00/acre + Deposit
     *Includes $100.00 Dexter Area Fire Department Review
   - d) Administrative Review.....$350.00

8. PUD Area Plan Review*.....$1000.00 + $50.00/acre + Deposit
   Major or Minor Site Plan Amendment Determination.....$300.00

9. Subdivision (Plat) Review*
   - a) Tentative Preliminary.....$400.00 + $5.00/lot + Deposit
   - b) Preliminary.....$200.00 + $3.00/lot + Deposit
   - c) Final Plat.....$200.00 + $2.00/lot + Deposit

10. Conceptual Plan Review.....$50.00/hour

11. Demolition Permit.....$50.00

12. Lot Split/Combination/Boundary Adjustment.....$350.00

13. Annexation Request.....$1000.00 + Deposit

14. Home Occupation Permit.....$50.00

15. Park and Park Facility Use Permit.....$25.00 (Resident), $150 (Non-Resident)

16. Outdoor Seating Permit.....$25.00 (one time) + Special Land Use fee

17. Right of Way Permit.....Varies (see ordinance)

18. Special Event Form.....$50.00

19. Parking Space Contribution.....$2500.00

20. Multiple Animals (3 or More).....$100 (first time) + $25 annually

*SITE PLAN REVIEW DEPOSIT.....$3000.00
Deposit: Covers services of Village Consultant (Engineers and Planners) for site plan review, as well as legal fees incurred related to the project. Additional costs beyond the deposit shall be required upon depletion of initial required deposit. The applicant shall receive a refund of any portion of the deposit that is not allocated.

The above fees represent the amount to be paid by the owner/applicant at the time the application is submitted. The fees are intended to cover the costs incurred by the Village for personnel, publishing, and printing. If a deposit is required, it is intended to cover any and all consultant fees (including engineering, planning, and legal fees). If the deposit collected is not depleted by the consultant fees the balance will be returned to the owner/applicant.

Adopted April 29, 1997
Amended November 10, 1997
Amended October 12, 1998
Amended May 10, 1999
Amended June 10, 2002
Amended March 28, 2005
Amended April 10, 2006
Amended November 12, 2007
Amended October 12, 2009
Amended September 13, 2010

Carol Jones, Village Clerk

AGENDA 9-13-10

ITEM L-5.

VILLAGE OF DEXTER

cnicholls@villageofdexter.org

8140 Main Street Dexter, MI 48130-1092 Phone (734)426-8303 ext 17 Fax (734)426-5614

MEMO

To: **President Keough and Council Members**
From: **Courtney Nicholls, Assistant Village Manager**
Date: **September 7, 2010**
Re: **Pavement Markings**

Attached is a memo from Kurt Augustine, Street Foreman, that explains that a modification is necessary to the Pavement Marking Bid that was awarded to Michigan Pavement Marking in August. Painting the centerlines of Baker, Dan Hoey, Broad, and Fourth was not included in the bid document because we had not defined the extent of the work that Highway Maintenance was going to do to make repairs to those areas. Due to the increase in cost staff is requesting an increase in the not to exceed amount of the bid to from $8,500 to $11,500.

When Michigan Pavement Marking came into the Village to do the striping on Friday, September 3 they started work without consulting with Kurt (as they were instructed to do) and striped the center lines of Baker Road. Once this was discovered they were informed to only complete work up to the $8500 that was approved by Council.

The additional $3000.00 will come from line item - 202.463.000.802.000 and will not require a budget amendment.

VILLAGE OF DEXTER D.P.W.
3600 Central Street • Dexter, Michigan 48130-1092 • (734) 426-8530

Courtney,

After meeting with you, Chris D, Christine, and Jeff Demek, about the repairs that Highway Maintence has to do in the Village, The street painting bid will have to be amended. When I sent out the bids for street painting, I didn't include any of the streets that Highway had worked on. At the time of the bid it was unclear as to the extent of the warranty work that they (Highway) were going to do. Now that we know that they are still responsible for all the pavement markings that are damaged when they repair the areas talked about in our meeting, I plan on doing all the centerlines . The added amount will be approximately $2900. I know this bid was approved as a "not to exceed", so do we need to go back to council for approval? I apologize for the confusion, but while waiting on Jeff D I had to get some sort of bid document out so that we could get the painting scheduled. I talked to Shannon from Michigan Pavement Markings and the painters are in town this week, and he assured me that they can come back in a timely matter if this has to go in front of council again. (they do have a bunch of work to do for WCRC).

Kurt Augustine

AGENDA 9-13-10

ITEM C-6

VILLAGE OF DEXTER

cnicholls@villageofdexter.org

8140 Main Street Dexter, MI 48130-1092 Phone (734)426-8303 ext 17 Fax (734)426-5614

MEMO

To: **President Keough and Council Members**
From: **Courtney Nicholls, Assistant Village Manager**
Date: **September 7, 2010**
Re: **LED Lighting Grant**

In March 2010 the Village was awarded $50,000 to retrofit 80 streetlights in the downtown with LED. At the same time the D.D.A. conducted a trial of three brands of retro-fit kits made by Halophane, Sylvania, and Relume. The result of the trial showed that the Relume and Sylvania products were the most appropriate fit for the community.

Quotes were solicited for both products from their regional distributors Lumecon (Relume) and McNaughton-McKay (Sylvania). The documentation received from both companies is provided for your review. Orchard, Hiltz and McCliment was asked to conduct a review of the information. The result of this review is also provided.

Based on this information staff is recommending that Council approve the purchase of 80 LED retro-fit kits from McNaughton-McKay at a cost of $475 per kit - $38,000. The original amount budgeted in the grant for the materials purchase was $700 per kit.

During the week of September 7 the bid document for the installation of the kit will be issued. Vendors will be notified that the final material determination will be made on September 13. The ad will be posted on annarbor.com, MITA ads (Michigan Infrastructure and Transportation Association) and mailed to four local electrical contactors (Hopp, A.F. Smith, Turner and Scio Electric). Council will be asked to award the bid on September 27. The grant was written such that the grant pays for the materials and the Village pays for the labor as the match. Vendors will be requested to complete the installation in the month of October.

If the bids for the labor come in under the estimate we might choose to expand the project to cover all 97 metered poles downtown. I have sent a request to our grant coordinator to find out what steps we would need to take if we choose to expand the project. I have also requested information on whether the grant could be used to cover a portion of the labor since the materials came in under budget.

Courtney Nicholls

From: Marttila, Paul [Paul.Marttila@ohm-advisors.com]
Sent: Friday, September 03, 2010 11:41 AM
To: Courtney Nicholls
Subject: RE: Dexter - LED conversion

Courtney –

You are correct. The published life expectancy for LED fixtures is considered the number of hours when the total fixture light output has reached 70% of the initial light output (L70). LED output gradually diminishes as they age; there is also expected to have some individual LED's go out. This is all factored into the L70 criteria.

So for the Sylvania product, you can expect the lights to be at 70% of initial output after 14.84 years.

The Relum product would reach 70% after 16 years.

Based on the literature I have seen for typical street lighting, you should expect to get 25-30 years before you need to do large scale replacement of LED's. (The light output would be in the area of about 40-50% of initial)

LED's are considerably different than what you have now, as most other types of light fixtures life expectancy is published when ½ of the bulbs are burnt out.

Paul Marttila, P.E.
Project Engineer - Electrical
OHM | Architects. Engineers. Planners

424 Hancock Street
Hancock, Michigan 49930
p. 906.482.0535 extension 7111
f. 906.482.6453 c. 906.370.4204

paul.marttila@ohm-advisors.com
Advancing Communities

www.ohm-advisors.com

From: Courtney Nicholls [mailto:cnicholls@villageofdexter.org]
Sent: Friday, September 03, 2010 10:52 AM
To: Marttila, Paul
Subject: RE: Dexter - LED conversion

Hi Paul,
I wanted to ask one follow-up question on the LED. One of the questions Council had was about life expectancy. From what I was reading it seemed to be 65,000 hours for the Sylvania and 70,000 hours for the Relume. Are those estimated supported by the documentation they provided?

Thanks,

Courtney Nicholls
Village of Dexter
Assistant Village Manager

734-426-8303 x17

From: Gronevelt, Rhett [mailto:rhett.gronevelt@ohm-advisors.com]
Sent: Thursday, September 02, 2010 10:02 AM
To: Courtney Nicholls
Subject: FW: Dexter - LED conversion

Courtney-

See emails below from Christine and Paul with a reccommendation to use the Sylvania product.

Any questions, let me know.

Rhett A. Gronevelt, PE
Muncipal Group Manager

OHM | Architects. Engineers. Planners.
34000 Plymouth Road
Livonia, MI 48150
p. 734.522.6711
f. 734.522.6427
d. 734.466.4582

Advancing Communities

www.ohm-advisors.com

From: Marttila, Paul
Sent: Thursday, September 02, 2010 9:47 AM
To: Phillips, Christine
Cc: Gronevelt, Rhett
Subject: RE: Dexter - LED conversion

Rhett, Christine – I have reviewed the LED light retrofit quotes and specs that you sent.

Comparison:

	Osram/Sylvania	Relume
LED's used	CREE	CREE
Lumen output	3623	3049
Watts input	55	61
Lumens per watt	66	50
Delivery time	2 weeks	4-6 weeks
Cost each	$475	$560

The two products are pretty close to equal in most respects. The Sylvania product actually is a little more efficient, uses less energy, is available sooner, and of course is less expensive.

Based on price and specifications, I recommend they proceed with Osram/Sylvania LED product.

Paul Marttila, P.E. - Project Engineer - Electrical

McNAUGHTON-McKAY ELECTRIC COMPANY
YOUR ELECTRICAL CONNECTION

Village of Dexter
8140 Main Street
Dexter, MI 48130

Attn: Courtney Nicholls
Assistant Village Manager

Lighting Quotation : 10995486-00

1) Warranty
This product is warranted for 7 years. Please see attached document

2) Delivery
Delivery date is 2 weeks from time of order

3) Estimated Life
The LED chip used in the Sylvania product is rated worst case scenario at 65,000 hours with no more than 30% lumen depreciation (L70). Please see attached information.

4) Energy Savings
The current 70W metal halide system draws 95 watts per unit. The LED replacement system draws 55 watts. Energy savings is 40 watts per unit. Please see attached information.

5) Location of Manufacturing
The Sylvania LED retrofit kit is assembled in St Mary's, PA and complies with the Buy American provisions of the American Recovery and Reinvestment Act.

Preferred Installer
A.F. Smith Electric
624 S. Mansfield
Ypsilanti, MI 48198
P 734.482.0977
F 734.482.0817
Attn: Jeff Koepp or Scott Mellinger
www.afsmith.com

McNAUGHTON-McKAY ELECTRIC COMPANY
YOUR ELECTRICAL CONNECTION

Osram Sylvania has designed and produced lighting systems for over 100 years and LEDs (systems and chips) for more than 30 years. That expertise and experience shows in the performance of the D6 LED Post Top Retrofit and their focus on protecting the LEDs and the power supplies. The LEDs are run well below the maximum allowed temperature which ensures ultra long life performance.

There are two (2) power supplies which give you added protection (the system will continue to operate even if one power supply fails) and those power supplies are protected by an automatically-resetting surge suppressor in case of electrical events (surge or transients). And, OSI has designed their system to maximize light control which should give you confidence when it comes to issues of Dark Skies or BUG ratings (Backlight, Up-light, and Glare).

Osram Sylvania's LED systems are designed by LED and Lighting engineers, produced in the USA, and backed by a $2 billion Lighting and LED company.

McNAUGHTON-McKAY
ELECTRIC COMPANY
1357 East Lincoln Avenue
Madison Heights, MI 48071
(248) 399-7500
FAX (248) 399-6828

QUOTATION

DOCUMENT: Quote Order

CUST.#: 29367

CUSTOMER FAX: 7344265614

BILL TO:

VILLAGE OF DEXTER
8140 MAIN ST

DEXTER, MI 48130-1044

REFERENCE: LED LIGHT FIXTURES

QUOTE #
10995486-00
PAGE #
1
QUOTED BY
jls3
DATE ENTERED
08/27/10

LED LIGHT FIXTURES

SHIP TO:

VILLAGE OF DEXTER
8140 MAIN ST
ATTN: COURTNEY NICHOLLS
DEXTER, MI 48130-1044

INSTRUCTIONS		TERMS	
		Net 30 Days	
SHIP POINT	VIA	COD	SHIPPED
Madison Heights Branch	BEST WAY		

McNAUGHTON-McKAY IS PLEASED TO PRESENT THE FOLLOWING QUOTATION FOR YOUR REVIEW

LINE NO.	PRODUCT AND DESCRIPTION	QUANTITY QUOTED	EXPECTED SHIP DATE	QTY U/M	UNIT PRICE	PRICE U/M	AMOUNT (NET)
	PRICING INCLUDES SHIPPING CHARGES QUOTATION IS BASED ON PART NUMBER REQUEST DATED 8/20/10						
1	SYLLED50RETROFIT/750/_01 [78628] LED55RETROFIT/750/T5M/D6 Interchange Prod: 78628	80		each	475.00	E	38000.00
1	Lines Total	Qty Shipped Total	80		Total Invoice Total		38000.00 38000.00

Thank you for the opportunity to quote on your requirements.

All quotations are valid for thirty days, except for pipe and wire, unless otherwise noted above. Quotations for pipe and wire are valid for 24 hours unless otherwise noted above.

Last Page Date: 08/27/10 Time: 09:31 User: jls3

D6 & D11 LED RETROFIT KIT

Limited Warranty

OSRAM SYLVANIA Products, Inc. (OSPI) is pleased to provide the following warranty for the periods shown below.

OSPI Post-Top LED Retrofit Kit Limited Warranty

OSPI warrants each Post Top LED Retrofit Module or OPTOTRONIC® Power Supply (the "Post Top LED Retrofit Kit") to be free from defects in materials and workmanship, and to operate from the date of installation (or date of manufacture if installation date is not known or available, or verifiable) for the time periods and subject to the Terms and Conditions specified below.

If an OSPI LED Retrofit module or an OPTOTRONIC® Power Supply fails to operate for the specified warranty period, OSPI, at its option, will provide a free replacement, repair or issue credit for the component in accordance with the Terms and Conditions set forth below (labor not included). The AC Surge Protector and Control are not covered by this Warranty.

System	Power Supply	Usage	LED Module Warranty Period	Power Supply Warranty Period[2]
LED Retrofit Module[1]	OPTOTRONIC® OT40/120-277/1050E2	4,380 hours/year	84 months	60 months
LED Retrofit Module[1]	OPTOTRONIC® OT40/120-277/1050E2	8,760 hours/year	42 months	36 months

1. LED Retrofit Module warranty period is valid for a maximum mean ambient temperature of 40°C, and a maximum ambient temperature not exceeding 60°C.
2. Warranty period valid up to maximum case temperature noted on the Power Supply. Power supply is used for both the D11 and D6 Post Top Retrofit Kits

TERMS AND CONDITIONS

This warranty only applies when OSPI's LED Retrofit Module and OPTOTRONIC® Power Supply are properly wired and installed and installed in suitable lighting fixtures; are operated on a suitable power supply within the electrical values recommended by OSPI; are operated in environmental conditions (temperature, humidity) within the normal specified operating range of the system; are installed in accordance with the instructions contained in the installation guide included with the product. This warranty does not apply to any abnormal use or use in violation of any applicable standard, code or instructions for use in installations including those contained in the latest National Electrical Code (NEC), the Standards for Safety of Underwriters Laboratory, Inc. (UL), Standards for the American National Standards Institute (ANSI) or, in Canada, the Canadian Standards Association (CSA). This warranty will not apply in the event of conditions demonstrating abnormal use or stress, including under/over voltage conditions, excessive switching cycles or operating hours or outside the following recommended operating conditions:

- 84 month warranty period is based on maximum 4,380hr./yr. Operation on a burning cycle of 12 hours/day.
- 42 month warranty period is based on maximum 8,760hr./yr. Operation on a burning cycle of 24 hours/day.
- Maximum mean ambient operating temperature for LED Retrofit Module: 40°C; maximum ambient operating temperature can not exceed 60°C
- Do not exceed the case temperature noted on the OPTOTRONIC® power supply
- Do not exceed the published ambient operating temperature for OPTOTRONIC® power supplies

The warranty excludes defects resulting from improper installation, acts of God, damage caused by severe weather conditions such as lighting and storms, fire, vandalism, or civil disturbances. Broken fixture globes, inadequate/compromised drainage, evidence of direct exposure to water on the failed unit voids the warranty. Replacement of OSPI Post Top LED Retrofit Kit components with components of other manufacturers will void the entire warranty.

WARRANTY ACTIVATION / SERVICE CLAIMS

The Post Top LED Retrofit Kit warranty is automatically activated after OSPI receives a completed warranty registration form within 30 days after installation. An acknowledgement will be sent for each registration along with a reference number for future correspondence. Service claims can be made by contacting

1-800-654-0089
Fax: 866-632-9674
Email: warranty.service@sylvania.com

RETURN OF DEFECTIVE PRODUCT

After contacting OSPI, the purchaser/user shall promptly return the component after receiving instructions regarding if, when and where to ship product. Failure to follow this procedure shall void this warranty.

OSPI reserves the right to examine all failed OSPI LED Retrofit Modules and OPTOTRONIC® Power Supplies to determine the cause of failure and patterns of usage and reserves the right to be the sole judge as to whether any OSPI LED Retrofit Module or OPTOTRONIC® Power Supply is defective and covered under this warranty.

REPLACEMENT OF PRODUCT

OSPI liability for any warranty remedy shall be limited to repair, replacement, or issuance of credit against a future OSPI Post Top Retrofit [Kit] purchase, at the sole discretion of OSPI. Unit credit is calculated as follows:

$$\frac{\text{Purchase Price (\$) x Unexpired warranty period (months)}}{\text{Warranty period (months)}}$$

LIMITATION OF LIABILITY

THE FOREGOING SHALL CONSTITUTE THE EXCLUSIVE REMEDY OF THE PURCHASER AND THE SOLE LIABILITY OF OSPI FOR THE POST TOP LED RETROFIT KIT. NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IS MADE OR IS TO BE IMPLIED. IN NO EVENT SHALL OSPI BE LIABLE FOR ANY OTHER COSTS OR DAMAGES, INCLUDING LOST PROFITS OR REVENUES, INCIDENTAL, OR CONSEQUENTIAL DAMAGES.

QUESTIONS?

Please call customer service at 1-800-654-0089 or contact your local OSRAM SYLVANIA representative.

SYLVANIA

Cree, Inc.
4600 Silicon Drive
Durham, NC 27703

IES LM-80-08 Data Summary
Cree XP-E White XLamp

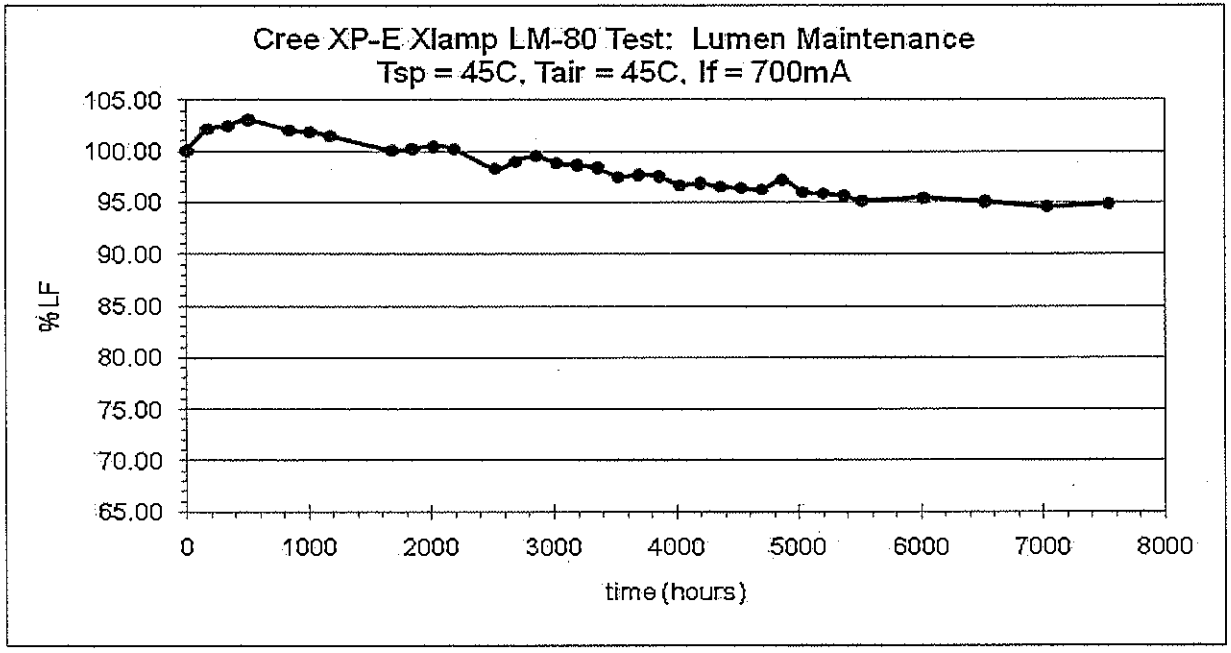
1. Number of LED Sources Tested — See Table 1
2. Description of LED light sources — Cree XP-E XLamp LED's
3. Description of auxiliary equipment — Instrument Systems ISP-500 Integrating Sphere; Instrument Systems CAS-140 Spectrometer; Keithley 2420 Sourcemeter
4. Operating Cycle — >6000 hours
5. Ambient Conditions — for 45°C Test: Tair = 45°C, RH < 45%, air flow = 800CFM; for 55°C Test: Tair = 55°C, RH ≤ 45%, air flow = 800CFM; for 85°C Test: Tair = 85°C, RH ≤ 45%, air flow = 800CFM
6. Case Temperature — for 45°C Test: 45°C; for 55°C Test: 55°C; for 85°C Test: 85°C
7. Drive Current During Test — See Table 1
8. Initial LF and Vf — See Table 1
9. Lumen Maintenance — See individual worksheets
10. LED failures — NONE
11. LED monitoring interval — See individual worksheets
12. Photometric uncertainty — ±2.0%
13. Chromaticity shift — See individual worksheets
14. Projected L70*

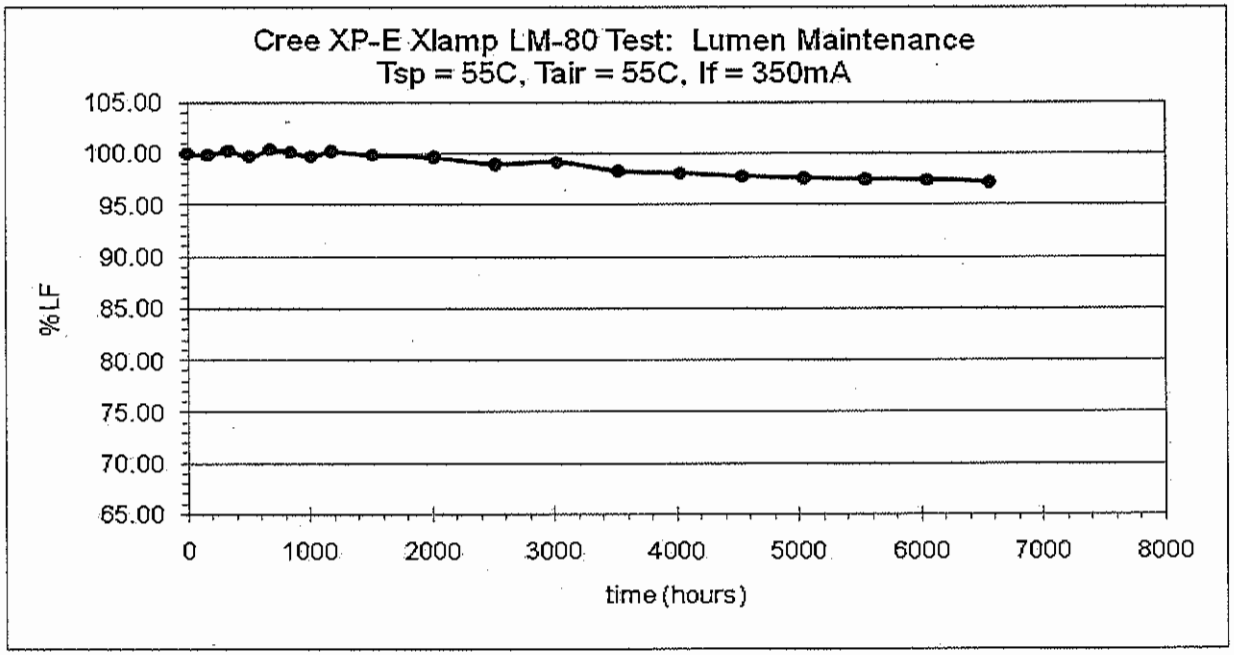
Product	Test conditions	Total test time	% LF at time	Projected L70
XP-E Cool White	700mA @ 45C	7,536 hours	94.89	51,245 hours
XP-E Cool White	350mA @ 55C	6,552 hours	97.17	81,403 hours
XP-E Cool White	700mA @ 55C	6,552 hours	95.86	55,271 hours
XP-E Cool White	350mA @ 85C	6,552 hours	95.64	52,422 hours
XP-E Cool White	700mA @ 85C	6,048 hours	92.92	29,378 hours

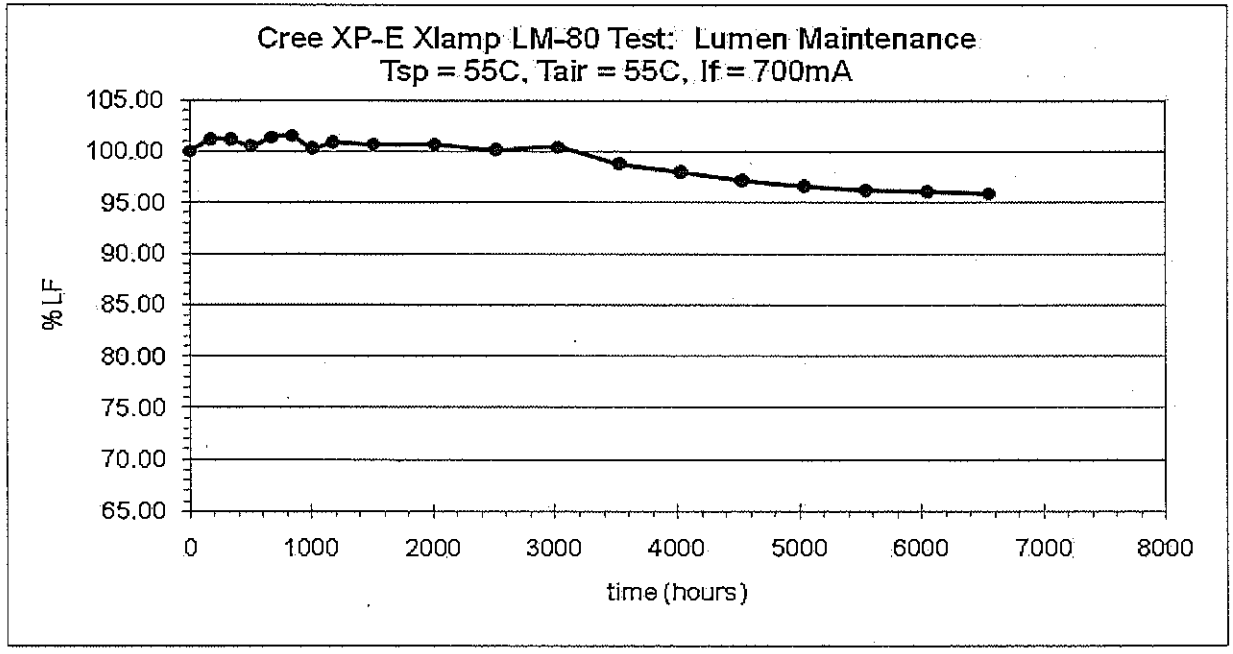
TABLE 1

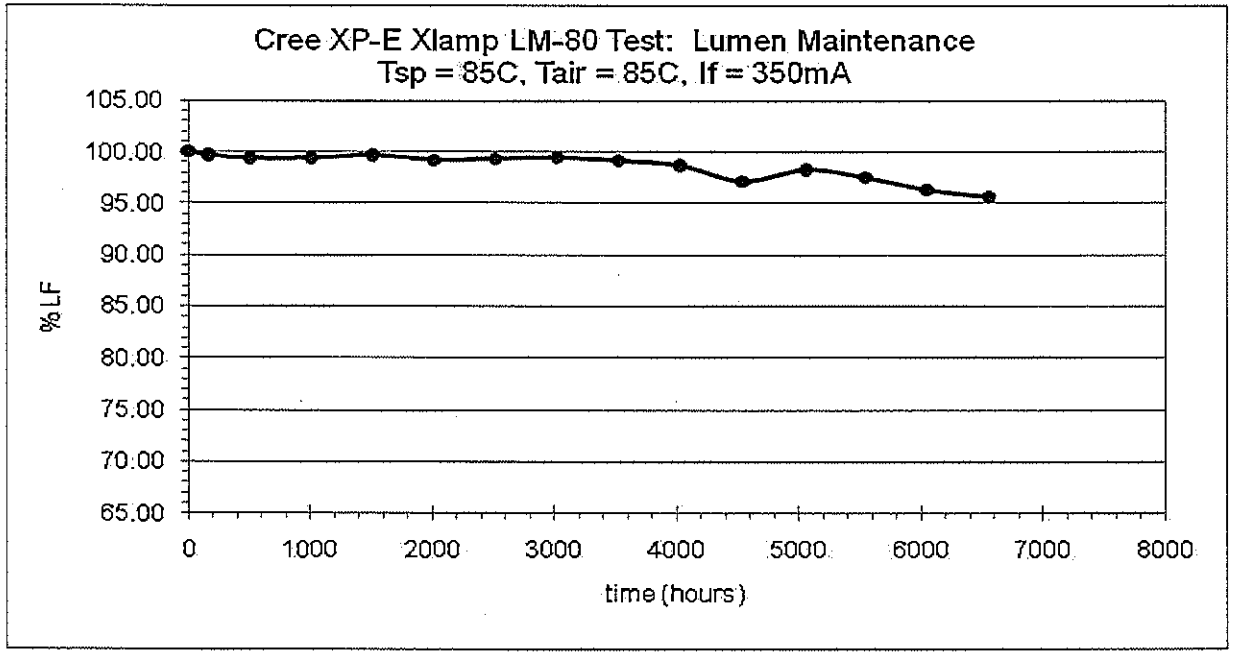
Board ID #	Ambient Temp	Drive Current	# of LED's	Initial Avg. Vf (volts)	Initial Avg. LF (Lum.)
630B129700-RTOL-01	45°C	700mA	10	3.349	132.05
DUR019K	55°C	350mA	10	3.153	120.40
DUR019L	55°C	350mA	10	3.161	117.54
DUR02JM	55°C	350mA	10	3.153	120.95
DUR019M	55°C	700mA	10	3.152	120.59
DUR019N	55°C	700mA	10	3.180	120.32
DUR019R	85°C	350mA	10	3.078	98.97
DUR019S	85°C	350mA	10	3.097	97.12
DUR02JP	85°C	350mA	10	3.055	98.27
DUR019U	85°C	700mA	10	3.089	97.29
DUR019V	85°C	700mA	10	3.061	98.66
XPECWPOR4509-HTOL-0	85°C	700mA	10	3.164	112.17

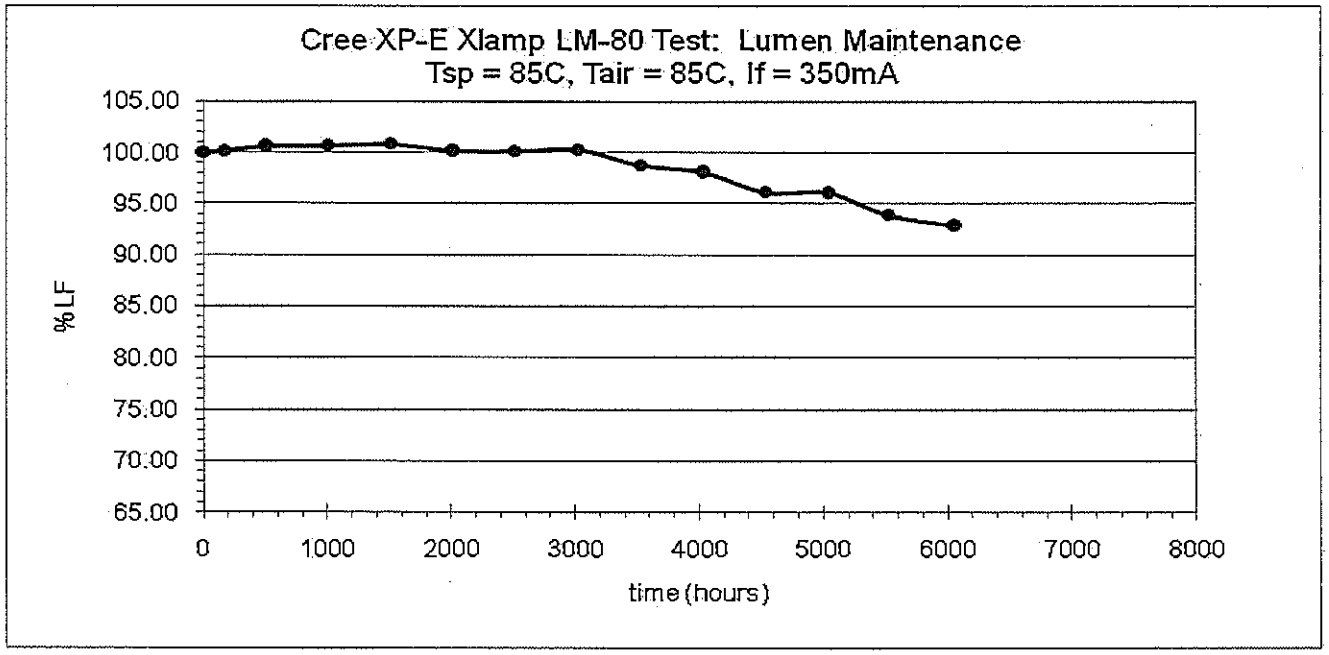
* Using the Energy Star Exponential Curve Fit Projection Method and the maximum test time as shown on individual worksheets


Cree XP-E Xlamp LM-80 Test: Lumen Maintenance
Tsp = 45C, Tair = 45C, If = 700mA
105.00
100.00
95.00
90.00
85.00
80.00
75.00
70.00
65.00
% LF
0
1000
2000
3000
4000
5000
6000
7000
8000
time (hours)


Cree XP-E Xlamp LM-80 Test: Lumen Maintenance
Tsp = 55C, Tair = 55C, If = 350mA
105.00
100.00
95.00
90.00
85.00
80.00
75.00
70.00
65.00
%LF
0
1000
2000
3000
4000
5000
6000
7000
8000
time (hours)


Cree XP-E Xlamp LM-80 Test: Lumen Maintenance
Tsp = 55C, Tair = 55C, If = 700mA
105.00
100.00
95.00
90.00
85.00
80.00
75.00
70.00
65.00
% LF
0
1000
2000
3000
4000
5000
6000
7000
8000
time (hours)


Cree XP-E Xlamp LM-80 Test: Lumen Maintenance
Tsp = 85C, Tair = 85C, If = 350mA
105.00
100.00
95.00
90.00
85.00
80.00
75.00
70.00
65.00
% LF
0
1000
2000
3000
4000
5000
6000
7000
8000
time (hours)


Cree XP-E Xlamp LM-80 Test: Lumen Maintenance
Tsp = 85C, Tair = 85C, If = 350mA
105.00
100.00
95.00
90.00
85.00
80.00
75.00
70.00
65.00
%LF
0
1000
2000
3000
4000
5000
6000
7000
8000
time (hours)

OSRAM SYLVANIA

This report contains data that are not covered by the NVLAP accreditation

LM-79-08 Test Report
for
OSRAM SYLVANIA INC.

100 Endicott Street
Danvers, MA 01923

Model(s): LED50RETROFIT/750/T5M/D6 (NAED: 78628 No Post)

18 March 2010

This test report presents the results of measurements performed on the OSRAM SYLVANIA product, LED50RETROFIT/750/T5M/D6, in accordance with LM-79-08 Electrical and Photometric Measurements of Solid-State Lighting Products.

Test Personnel:	K.Phan	D. Gross M. Sapcoe
Test Date:	27 January 2010 – 18 March 2010	
NVLAP Signatory:	Ronald O Daubach	Dr. Ronald O. Daubach
Laboratory:	**Metrology & Analytics Services** **NVLAP Code: 100403-0** **OSRAM SYLVANIA INC.** 71 Cherry Hill Drive Beverly, MA 01915 Voice: 978-750-1593 Fax: 978-646-2920 ronald.daubach@sylvania.com	
Report Number:	LM792010031902	

NVLAP

FOR THE SCOPE OF ACCREDITATION UNDER NVLAP LAB CODE 100403-0
This report does not imply product certification, approval or endorsement by NVLAP, NIST or any agency of the federal government.

General Information

Product tested

The product tested is the OSRAM SYLVANIA INC. LED50RETROFIT/750/T5M/D6 No Post.

Purpose of test

This test report is prepared on behalf of OSRAM SYLVANIA INC. in accordance with American National Standards Institute standards, Illumination Engineering Society of North America Lighting Methods and International Commission on Illumination (CIE) publications listed below:

- ANSI C78.5-1997, Specification for Performance of Self-Ballasted Compact Fluorescent Lamps
- ANSI C78.901-2005, ANS for Electrical Lamps – Single Base Fluorescent Lamps – Dimensional and Electrical Characteristics
- ANSI C78.376-2001 Specifications for the Chromaticity of Fluorescent Lamps
- IESNA LM-9-1999, Electric and Photometric Measurements of Fluorescent Lamps
- IESNA LM-28-1989, Guide for the Selection, Care and Use of Electrical Instruments in the Photometric Laboratory
- IESNA LM-40-2001, Approved Method for Life Performance Testing of Fluorescent Lamps
- IESNA LM-54-1999, Guide to Lamp Seasoning
- IESNA LM-65-2001, Life Testing of Single Ended Compact Fluorescent Lamps
- IESNA LM-66-2000, Electrical and Photometric Measurements of Single Ended Compact Fluorescent Lamps
- CIE Publication No. 13.3-1995, Method of Measuring and Specifying the Color Rendering of Light Sources.

The objective is to demonstrate compliance of the product evaluated to LM-79-08 Electrical and Photometric Measurements of Solid-State Lighting Products.

Laboratory Accreditation

Metrology & Analytics Services (MAS) is a department of the Central Research and Services Laboratory of OSRAM SYLVANIA INC. The MAS is located at 71 Cherry Hill Drive, Beverly, MA 01915.

The MAS is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), Energy Efficient Lighting (EEL) program. NVLAP is a division of the National Institute of Standards and Technology. The MAS NVLAP Laboratory Code is 100403-0.

MAS is a recognized laboratory by CALiPER for LM-79 testing and is listed on the CALiPER website.

Test Equipment

Description	Manufacturer	Model No.	Serial Number	Cal. Date (Cycle)
2.4 Meter Integrating Sphere	-	-	-	Not required
Monochromator	Optronics	750-M-D	97410056	Not required
Silicon Detector Head	Optronics	DH-300	97101076	Not required
Detector Support Module	Optronics	DSM-1D	97199967	Not required
Digital Power Meter	Yokogawa	2531	24AW2150	5/23/2007(3)
D.C. Power Supply	Hewlett Packard	6030A	3332A03465	Not required
Shunt (S2)	Biddle Co.	4222	762253	6/1/2009(1)
Multimeter	Keithley	2000	0727509	5/22/2007(3)
Multimeter	Keithley	2000	0727306	5/22/2007(3)
Thermistor Indicator/Controller	Omega	DP25-TH-A1-R	3415059	6/8/2007(3)
Flux Cal Lamp	Hoffman	1000W FEL	96521	9/1/2008(2)
Power Meter	Yokogawa	WT2030	12V729819	8/8/08 (3)
Power Supply	Hewlett Packard	6030A	3544A04443	Not Required
Digital Thermometer	Fluke	52	6200078	5/29/09 (1)
Field Color and Illuminance Meter	Gigahertz Optik	HCT-99	2544M-0	Not Required
		CT-4501-4	6553	
MAS Luminaire Goniometer	OS	N/A	N/A	7/24/09 (1)

Procedure

Integrating Sphere

Relative spectral system response was determined from 380 nm to 800 nm by measurement of the FEL standard lamp. Absolute lumen level for the system is based on the lumen standards. Spectroradiometer bandwidth is approximately 2 nm.

The lamp was mounted in the sphere, with the output down . The lamps were operated at 120V AC Spectroradiometric and electrical measurement were performed at this voltage after one hour, two hours and three hours of warmup. Reported data is for the reading at 2 hours of warmup.

Radiometric and input electrical measurements were performed every 30 seconds until stabilization. The last reading for the lamp operating within the required stabilization window is corrected for self-absorption determined spectrally and is reported.

Goniophotometry

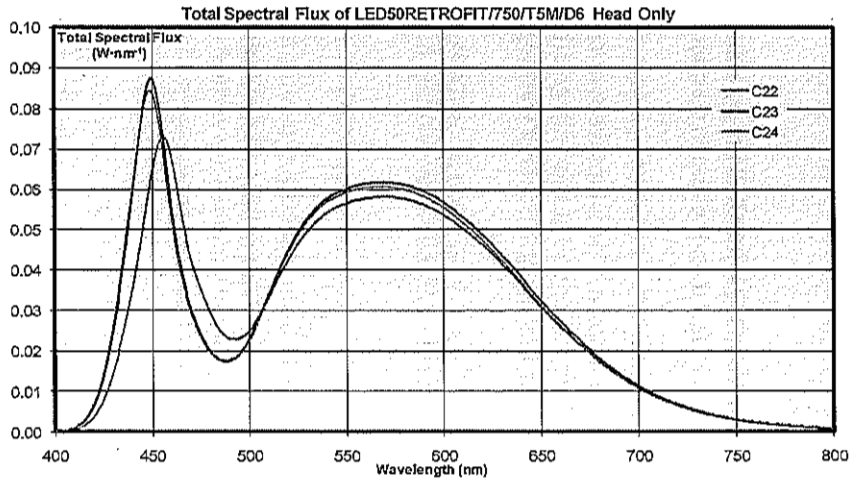
The module was mounted beam down at the center of the luminaire goniometer at a test distance of 45 feet from the photodetector. The module was operated at an input voltage of 120V on an AC power supply. The module was allowed to stabilize (> 1 day) prior to the measurement. One vertical scan was taken due to rotational symmetry. Color uniformity was measured at two horizontal angles, 0° and 90°.

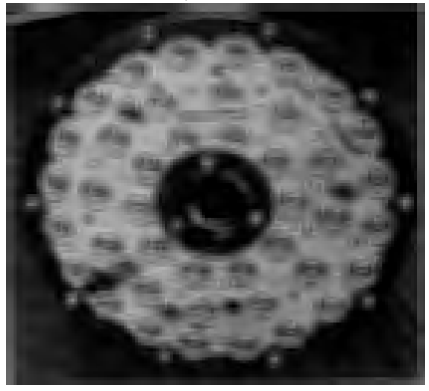
OSRAM SYLVANIA

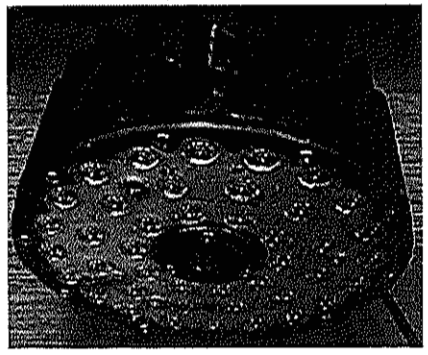
LED50RETROFIT/750/T5M/D6

Spectral Distribution

Device tested: NAED 78628







	Voltage /V	Current /A	Wattage /W	Lumens	LPW	x	y	u'	v'	Duv	CCT /K	CRI	$T_{ambient}$ /°C
C22	120.01	0.4691	54.95	3629	66	0.3516	0.3614	0.2121	0.4903	0.0023	4799	81.4	25.0
C23	120.00	0.4672	54.74	3811	70	0.3500	0.3515	0.2148	0.4854	-0.0020	4814	79.1	25.0
C24	120.00	0.4566	53.46	3741	70	0.3491	0.3516	0.2141	0.4853	-0.0016	4848	78.8	25.1

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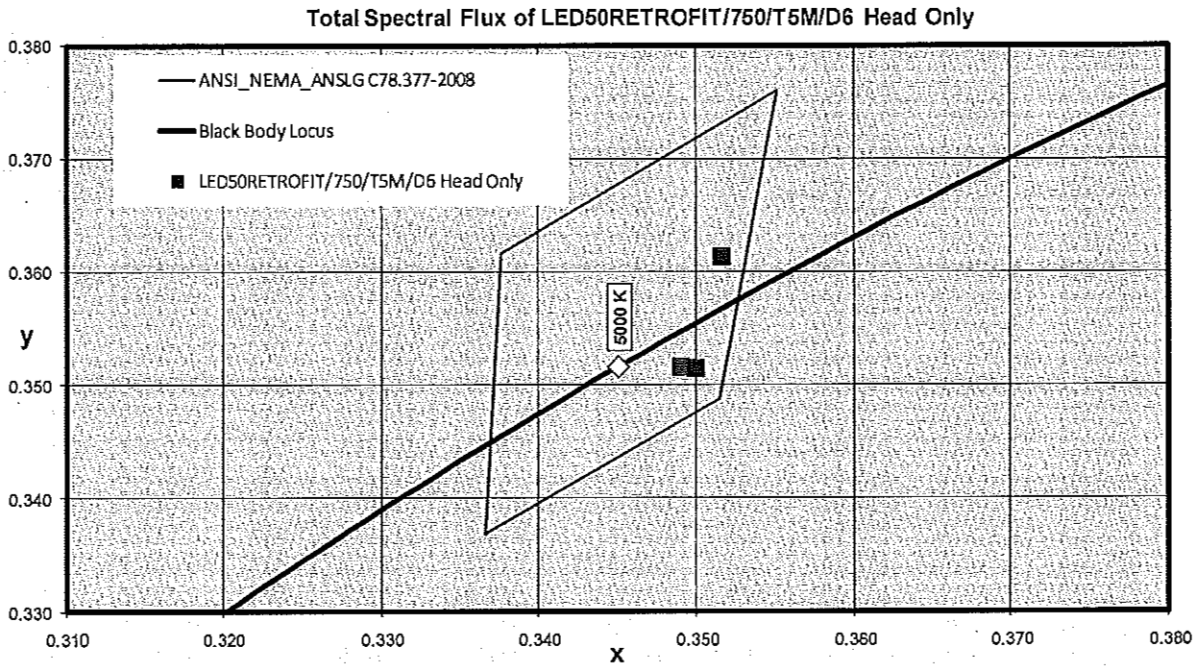
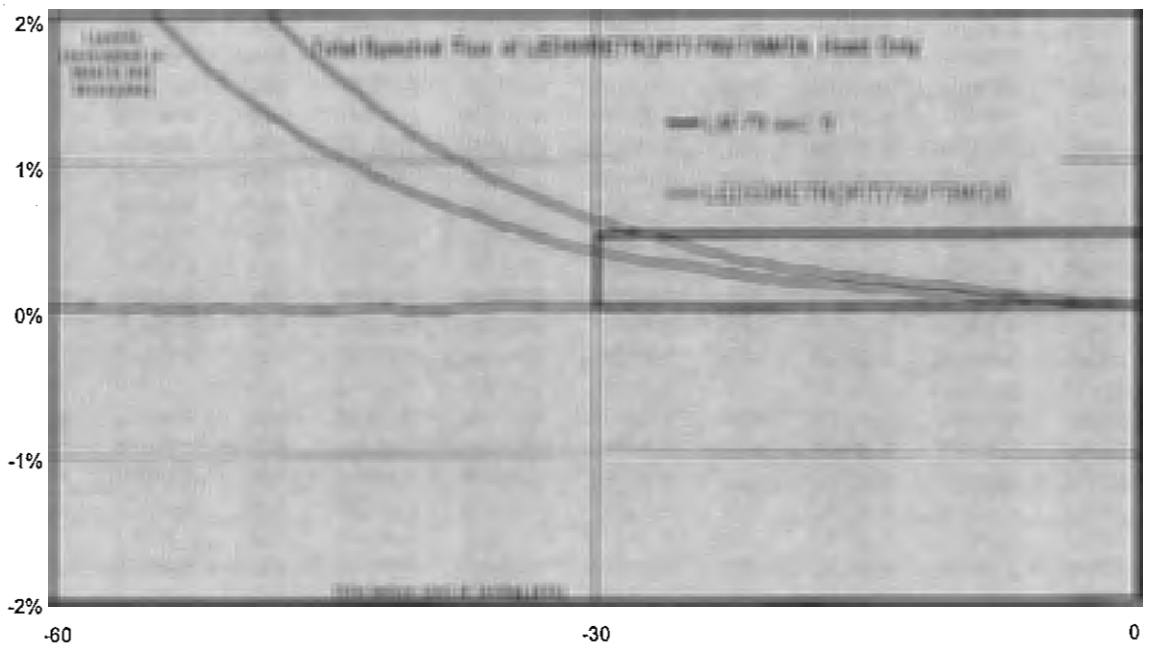
LED50RETROFIT/750/T5M/D6

Chromaticity



Stabilization



OSRAM SYLVANIA

LED50RETROFIT/750/T5M/D6

Spectral Radiant Flux

nm	C22	C23 W·nm-1	C24	nm	C22	C23 W·nm^{-1}	C24	nm	C22	C23 W·nm^{-1}	C24
360	0.00002	0.00002	0.00000	411	0.00074	0.00132	0.00140	462	0.06187	0.04730	0.04526
361	0.00003	0.00002	0.00001	412	0.00090	0.00161	0.00170	463	0.05899	0.04435	0.04256
362	0.00002	0.00003	0.00009	413	0.00108	0.00197	0.00209	464	0.05613	0.04174	0.04016
363	0.00006	0.00001	0.00002	414	0.00133	0.00237	0.00254	465	0.05336	0.03935	0.03794
364	0.00001	0.00001	0.00001	415	0.00163	0.00287	0.00307	466	0.05085	0.03722	0.03594
365	0.00002	0.00006	0.00001	416	0.00194	0.00348	0.00371	467	0.04847	0.03532	0.03417
366	0.00001	0.00002	0.00004	417	0.00233	0.00415	0.00444	468	0.04636	0.03354	0.03252
367	0.00002	0.00005	0.00002	418	0.00278	0.00496	0.00528	469	0.04437	0.03185	0.03091
368	0.00003	0.00003	0.00004	419	0.00332	0.00587	0.00623	470	0.04258	0.03026	0.02945
369	0.00007	0.00000	0.00007	420	0.00389	0.00691	0.00735	471	0.04093	0.02880	0.02806
370	0.00003	0.00001	0.00005	421	0.00458	0.00810	0.00860	472	0.03944	0.02746	0.02676
371	0.00000	0.00004	0.00002	422	0.00533	0.00944	0.01003	473	0.03796	0.02613	0.02553
372	0.00001	0.00004	0.00000	423	0.00619	0.01092	0.01159	474	0.03661	0.02494	0.02441
373	0.00003	0.00000	0.00003	424	0.00716	0.01259	0.01337	475	0.03523	0.02380	0.02334
374	0.00004	0.00000	0.00004	425	0.00822	0.01440	0.01529	476	0.03395	0.02283	0.02241
375	0.00001	0.00003	0.00002	426	0.00942	0.01647	0.01738	477	0.03268	0.02188	0.02154
376	0.00003	0.00003	0.00002	427	0.01073	0.01863	0.01970	478	0.03150	0.02108	0.02076
377	0.00003	0.00001	0.00001	428	0.01212	0.02098	0.02211	479	0.03032	0.02036	0.02008
378	0.00001	0.00001	0.00004	429	0.01365	0.02349	0.02467	480	0.02918	0.01971	0.01947
379	0.00003	0.00001	0.00001	430	0.01521	0.02610	0.02736	481	0.02815	0.01916	0.01894
380	0.00003	0.00004	0.00005	431	0.01690	0.02892	0.03019	482	0.02720	0.01869	0.01847
381	0.00003	0.00004	0.00003	432	0.01864	0.03172	0.03315	483	0.02628	0.01828	0.01809
382	0.00000	0.00000	0.00002	433	0.02053	0.03478	0.03622	484	0.02553	0.01796	0.01776
383	0.00001	0.00002	0.00002	434	0.02244	0.03784	0.03937	485	0.02485	0.01772	0.01753
384	0.00000	0.00003	0.00002	435	0.02440	0.04110	0.04265	486	0.02430	0.01755	0.01737
385	0.00001	0.00002	0.00000	436	0.02649	0.04449	0.04605	487	0.02381	0.01744	0.01727
386	0.00004	0.00001	0.00000	437	0.02862	0.04800	0.04967	488	0.02345	0.01741	0.01724
387	0.00001	0.00000	0.00001	438	0.03093	0.05180	0.05334	489	0.02315	0.01747	0.01728
388	0.00003	0.00000	0.00001	439	0.03327	0.05568	0.05714	490	0.02295	0.01759	0.01740
389	0.00002	0.00000	0.00000	440	0.03569	0.05968	0.06099	491	0.02282	0.01779	0.01760
390	0.00001	0.00003	0.00000	441	0.03820	0.06377	0.06484	492	0.02277	0.01806	0.01788
391	0.00000	0.00003	0.00004	442	0.04094	0.06792	0.06876	493	0.02280	0.01842	0.01824
392	0.00001	0.00001	0.00000	443	0.04373	0.07206	0.07247	494	0.02288	0.01886	0.01867
393	0.00001	0.00001	0.00002	444	0.04664	0.07587	0.07583	495	0.02305	0.01938	0.01917
394	0.00001	0.00001	0.00004	445	0.04964	0.07938	0.07888	496	0.02331	0.01999	0.01975
395	0.00001	0.00000	0.00004	446	0.05274	0.08248	0.08143	497	0.02363	0.02066	0.02040
396	0.00000	0.00004	0.00003	447	0.05585	0.08490	0.08333	498	0.02402	0.02139	0.02112
397	0.00003	0.00006	0.00008	448	0.05896	0.08664	0.08438	499	0.02448	0.02219	0.02189
398	0.00000	0.00008	0.00007	449	0.06183	0.08750	0.08468	500	0.02501	0.02303	0.02277
399	0.00006	0.00009	0.00007	450	0.06474	0.08745	0.08414	501	0.02561	0.02397	0.02367
400	0.00006	0.00010	0.00011	451	0.06723	0.08646	0.08274	502	0.02625	0.02492	0.02460
401	0.00007	0.00013	0.00017	452	0.06945	0.08464	0.08064	503	0.02695	0.02594	0.02560
402	0.00011	0.00018	0.00019	453	0.07108	0.08203	0.07787	504	0.02770	0.02695	0.02659
403	0.00013	0.00022	0.00023	454	0.07231	0.07862	0.07442	505	0.02856	0.02805	0.02770
404	0.00017	0.00030	0.00030	455	0.07295	0.07488	0.07082	506	0.02938	0.02916	0.02876
405	0.00020	0.00034	0.00038	456	0.07300	0.07079	0.06695	507	0.03028	0.03028	0.02989
406	0.00026	0.00043	0.00047	457	0.07239	0.06661	0.06294	508	0.03122	0.03146	0.03103
407	0.00031	0.00057	0.00060	458	0.07117	0.06224	0.05899	509	0.03214	0.03258	0.03220
408	0.00037	0.00071	0.00072	459	0.06943	0.05821	0.05517	510	0.03313	0.03381	0.03337
409	0.00048	0.00086	0.00092	460	0.06727	0.05431	0.05162	511	0.03401	0.03491	0.03444
410	0.00058	0.00110	0.00116	461	0.06474	0.05065	0.04839	512	0.03502	0.03608	0.03562

LED50RETROFIT/750/T5M/D6 Spectral Radiant Flux (cont.)

nm	C22	C23 W·nm⁻¹	C24	nm	C22	C23 W·nm⁻¹	C24	nm	C22	C23 W·nm⁻¹	C24
513	0.03599	0.03726	0.03676	564	0.05800	0.06166	0.06063	615	0.04839	0.05107	0.04969
514	0.03697	0.03839	0.03788	565	0.05805	0.06170	0.06067	616	0.04797	0.05063	0.04924
515	0.03793	0.03952	0.03901	566	0.05809	0.06174	0.06069	617	0.04757	0.05020	0.04881
516	0.03888	0.04066	0.04012	567	0.05814	0.06177	0.06072	618	0.04713	0.04972	0.04833
517	0.03984	0.04177	0.04123	568	0.05814	0.06177	0.06072	619	0.04669	0.04924	0.04787
518	0.04077	0.04284	0.04228	569	0.05816	0.06178	0.06070	620	0.04626	0.04878	0.04741
519	0.04168	0.04389	0.04331	570	0.05814	0.06177	0.06069	621	0.04581	0.04829	0.04694
520	0.04255	0.04488	0.04431	571	0.05813	0.06174	0.06065	622	0.04535	0.04781	0.04644
521	0.04340	0.04584	0.04524	572	0.05811	0.06171	0.06061	623	0.04487	0.04730	0.04593
522	0.04423	0.04677	0.04619	573	0.05805	0.06165	0.06055	624	0.04438	0.04676	0.04543
523	0.04499	0.04765	0.04702	574	0.05800	0.06159	0.06047	625	0.04389	0.04627	0.04492
524	0.04574	0.04852	0.04784	575	0.05797	0.06155	0.06040	626	0.04341	0.04575	0.04439
525	0.04650	0.04935	0.04870	576	0.05791	0.06149	0.06034	627	0.04290	0.04520	0.04386
526	0.04721	0.05014	0.04947	577	0.05786	0.06142	0.06027	628	0.04241	0.04467	0.04332
527	0.04787	0.05085	0.05021	578	0.05781	0.06135	0.06018	629	0.04191	0.04416	0.04280
528	0.04853	0.05158	0.05090	579	0.05772	0.06127	0.06010	630	0.04140	0.04359	0.04225
529	0.04914	0.05224	0.05158	580	0.05763	0.06116	0.05997	631	0.04093	0.04309	0.04177
530	0.04975	0.05292	0.05223	581	0.05753	0.06105	0.05984	632	0.04041	0.04252	0.04123
531	0.05030	0.05354	0.05281	582	0.05743	0.06092	0.05972	633	0.03992	0.04197	0.04071
532	0.05084	0.05412	0.05339	583	0.05730	0.06080	0.05958	634	0.03941	0.04149	0.04017
533	0.05135	0.05466	0.05394	584	0.05719	0.06065	0.05939	635	0.03890	0.04093	0.03967
534	0.05182	0.05517	0.05444	585	0.05702	0.06049	0.05925	636	0.03835	0.04034	0.03909
535	0.05227	0.05566	0.05490	586	0.05687	0.06030	0.05905	637	0.03781	0.03977	0.03850
536	0.05268	0.05611	0.05534	587	0.05670	0.06010	0.05885	638	0.03727	0.03918	0.03793
537	0.05309	0.05654	0.05577	588	0.05652	0.05993	0.05865	639	0.03673	0.03862	0.03739
538	0.05345	0.05694	0.05615	589	0.05633	0.05971	0.05843	640	0.03618	0.03804	0.03683
539	0.05380	0.05729	0.05651	590	0.05613	0.05951	0.05821	641	0.03562	0.03745	0.03624
540	0.05411	0.05764	0.05684	591	0.05593	0.05927	0.05798	642	0.03511	0.03692	0.03571
541	0.05443	0.05797	0.05716	592	0.05573	0.05903	0.05775	643	0.03456	0.03632	0.03514
542	0.05473	0.05828	0.05745	593	0.05551	0.05882	0.05750	644	0.03404	0.03576	0.03458
543	0.05499	0.05855	0.05771	594	0.05527	0.05856	0.05724	645	0.03349	0.03517	0.03402
544	0.05522	0.05881	0.05796	595	0.05503	0.05830	0.05695	646	0.03293	0.03458	0.03345
545	0.05546	0.05904	0.05819	596	0.05480	0.05801	0.05667	647	0.03239	0.03401	0.03289
546	0.05566	0.05926	0.05841	597	0.05452	0.05773	0.05641	648	0.03186	0.03347	0.03235
547	0.05587	0.05949	0.05862	598	0.05425	0.05743	0.05608	649	0.03132	0.03288	0.03180
548	0.05607	0.05968	0.05881	599	0.05396	0.05711	0.05577	650	0.03080	0.03232	0.03125
549	0.05624	0.05987	0.05898	600	0.05366	0.05680	0.05544	651	0.03028	0.03179	0.03072
550	0.05642	0.06006	0.05917	601	0.05340	0.05649	0.05512	652	0.02977	0.03124	0.03020
551	0.05658	0.06022	0.05932	602	0.05297	0.05602	0.05467	653	0.02925	0.03070	0.02967
552	0.05689	0.06053	0.05962	603	0.05265	0.05569	0.05433	654	0.02876	0.03017	0.02915
553	0.05703	0.06068	0.05975	604	0.05234	0.05534	0.05398	655	0.02826	0.02964	0.02863
554	0.05715	0.06082	0.05988	605	0.05201	0.05500	0.05361	656	0.02777	0.02913	0.02813
555	0.05728	0.06095	0.06001	606	0.05169	0.05463	0.05325	657	0.02728	0.02861	0.02763
556	0.05740	0.06105	0.06010	607	0.05134	0.05427	0.05288	658	0.02680	0.02810	0.02713
557	0.05749	0.06116	0.06021	608	0.05099	0.05389	0.05249	659	0.02632	0.02759	0.02664
558	0.05759	0.06125	0.06029	609	0.05063	0.05351	0.05213	660	0.02584	0.02709	0.02616
559	0.05769	0.06135	0.06038	610	0.05027	0.05309	0.05170	661	0.02537	0.02660	0.02567
560	0.05777	0.06143	0.06045	611	0.04992	0.05273	0.05134	662	0.02492	0.02612	0.02520
561	0.05783	0.06151	0.06050	612	0.04955	0.05232	0.05093	663	0.02446	0.02563	0.02474
562	0.05790	0.06156	0.06056	613	0.04917	0.05192	0.05053	664	0.02400	0.02515	0.02428
563	0.05797	0.06161	0.06060	614	0.04878	0.05151	0.05011	665	0.02354	0.02467	0.02381

LED50RETROFIT/750/T5M/D6 Spectral Radiant Flux (cont.)

nm	C22	C23 W·nm⁻¹	C24	nm	C22	C23 W·nm⁻¹	C24	nm	C22	C23 W·nm⁻¹	C24
666	0.02311	0.02420	0.02335	717	0.00701	0.00731	0.00704	768	0.00179	0.00185	0.00180
667	0.02266	0.02374	0.02290	718	0.00684	0.00713	0.00688	769	0.00174	0.00181	0.00175
668	0.02224	0.02327	0.02246	719	0.00666	0.00695	0.00670	770	0.00169	0.00177	0.00171
669	0.02179	0.02282	0.02202	720	0.00651	0.00677	0.00653	771	0.00165	0.00172	0.00166
670	0.02136	0.02236	0.02159	721	0.00633	0.00661	0.00636	772	0.00161	0.00166	0.00162
671	0.02093	0.02191	0.02114	722	0.00617	0.00644	0.00621	773	0.00156	0.00163	0.00158
672	0.02049	0.02145	0.02069	723	0.00601	0.00627	0.00605	774	0.00152	0.00158	0.00153
673	0.02008	0.02102	0.02026	724	0.00586	0.00611	0.00590	775	0.00148	0.00155	0.00149
674	0.01966	0.02058	0.01985	725	0.00571	0.00596	0.00575	776	0.00145	0.00150	0.00145
675	0.01925	0.02014	0.01943	726	0.00556	0.00580	0.00559	777	0.00141	0.00146	0.00142
676	0.01884	0.01971	0.01901	727	0.00542	0.00565	0.00544	778	0.00137	0.00142	0.00138
677	0.01843	0.01929	0.01860	728	0.00527	0.00549	0.00530	779	0.00134	0.00139	0.00134
678	0.01802	0.01886	0.01818	729	0.00513	0.00534	0.00515	780	0.00129	0.00136	0.00130
679	0.01762	0.01844	0.01777	730	0.00499	0.00520	0.00502	781	0.00126	0.00131	0.00127
680	0.01724	0.01803	0.01738	731	0.00485	0.00506	0.00488	782	0.00124	0.00127	0.00123
681	0.01686	0.01763	0.01700	732	0.00473	0.00492	0.00475	783	0.00120	0.00123	0.00120
682	0.01648	0.01723	0.01661	733	0.00460	0.00479	0.00462	784	0.00116	0.00121	0.00117
683	0.01611	0.01685	0.01624	734	0.00448	0.00467	0.00450	785	0.00113	0.00118	0.00114
684	0.01574	0.01646	0.01587	735	0.00436	0.00454	0.00439	786	0.00111	0.00114	0.00111
685	0.01540	0.01609	0.01551	736	0.00424	0.00442	0.00426	787	0.00107	0.00111	0.00108
686	0.01503	0.01572	0.01515	737	0.00412	0.00430	0.00415	788	0.00105	0.00109	0.00105
687	0.01470	0.01536	0.01481	738	0.00401	0.00418	0.00404	789	0.00101	0.00106	0.00102
688	0.01436	0.01500	0.01446	739	0.00391	0.00407	0.00393	790	0.00099	0.00102	0.00099
689	0.01401	0.01465	0.01412	740	0.00380	0.00395	0.00382	791	0.00096	0.00100	0.00097
690	0.01370	0.01431	0.01379	741	0.00369	0.00385	0.00372	792	0.00094	0.00097	0.00095
691	0.01337	0.01398	0.01347	742	0.00360	0.00374	0.00362	793	0.00091	0.00094	0.00091
692	0.01305	0.01364	0.01314	743	0.00350	0.00365	0.00351	794	0.00089	0.00092	0.00090
693	0.01274	0.01332	0.01283	744	0.00341	0.00355	0.00342	795	0.00086	0.00090	0.00087
694	0.01244	0.01300	0.01253	745	0.00331	0.00344	0.00333	796	0.00084	0.00087	0.00085
695	0.01213	0.01270	0.01225	746	0.00322	0.00335	0.00324	797	0.00081	0.00085	0.00082
696	0.01185	0.01237	0.01192	747	0.00314	0.00326	0.00316	798	0.00080	0.00083	0.00079
697	0.01156	0.01207	0.01163	748	0.00305	0.00317	0.00307	799	0.00078	0.00081	0.00077
698	0.01127	0.01177	0.01135	749	0.00297	0.00309	0.00298	800	0.00076	0.00079	0.00076
699	0.01100	0.01149	0.01106	750	0.00289	0.00300	0.00290	801	0.00073	0.00076	0.00075
700	0.01072	0.01119	0.01079	751	0.00281	0.00292	0.00282	802	0.00073	0.00074	0.00072
701	0.01047	0.01093	0.01053	752	0.00274	0.00284	0.00275	803	0.00070	0.00073	0.00070
702	0.01020	0.01065	0.01026	753	0.00266	0.00276	0.00267	804	0.00067	0.00070	0.00069
703	0.00995	0.01038	0.01001	754	0.00259	0.00269	0.00260	805	0.00066	0.00068	0.00067
704	0.00970	0.01012	0.00977	755	0.00251	0.00262	0.00253	806	0.00065	0.00067	0.00064
705	0.00946	0.00988	0.00952	756	0.00245	0.00255	0.00246	807	0.00063	0.00066	0.00062
706	0.00922	0.00963	0.00928	757	0.00238	0.00248	0.00240	808	0.00061	0.00063	0.00062
707	0.00900	0.00939	0.00905	758	0.00232	0.00242	0.00233	809	0.00059	0.00063	0.00059
708	0.00877	0.00916	0.00882	759	0.00226	0.00235	0.00227	810	0.00058	0.00061	0.00059
709	0.00856	0.00894	0.00861	760	0.00219	0.00229	0.00221	811	0.00057	0.00059	0.00057
710	0.00835	0.00871	0.00840	761	0.00214	0.00222	0.00216	812	0.00055	0.00059	0.00056
711	0.00815	0.00850	0.00819	762	0.00209	0.00218	0.00210	813	0.00055	0.00056	0.00053
712	0.00794	0.00829	0.00800	763	0.00203	0.00212	0.00204	814	0.00053	0.00055	0.00053
713	0.00775	0.00808	0.00779	764	0.00198	0.00206	0.00199	815	0.00051	0.00053	0.00052
714	0.00755	0.00789	0.00760	765	0.00193	0.00200	0.00195	816	0.00049	0.00052	0.00050
715	0.00737	0.00769	0.00741	766	0.00187	0.00196	0.00189	817	0.00048	0.00051	0.00049
716	0.00719	0.00750	0.00723	767	0.00183	0.00190	0.00185	818	0.00047	0.00050	0.00049

LED50RETROFIT/750/T5M/D6 Spectral Radiant Flux (cont.)

nm	C22	C23 $W \cdot nm^{-1}$	C24
819	0.00047	0.00047	0.00047
820	0.00045	0.00047	0.00045
821	0.00045	0.00046	0.00045
822	0.00042	0.00045	0.00043
823	0.00041	0.00043	0.00041
824	0.00040	0.00043	0.00041
825	0.00040	0.00042	0.00041
826	0.00039	0.00040	0.00040
827	0.00038	0.00040	0.00037
828	0.00036	0.00038	0.00037
829	0.00035	0.00037	0.00036
830	0.00035	0.00036	0.00035

OSRAM SYLVANIA

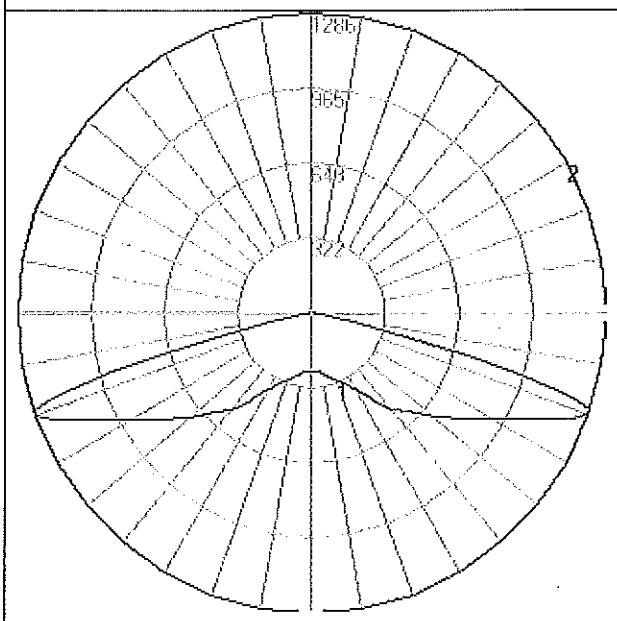
Detailed Distribution -- LED50RETROFIT/750/T5M/D6

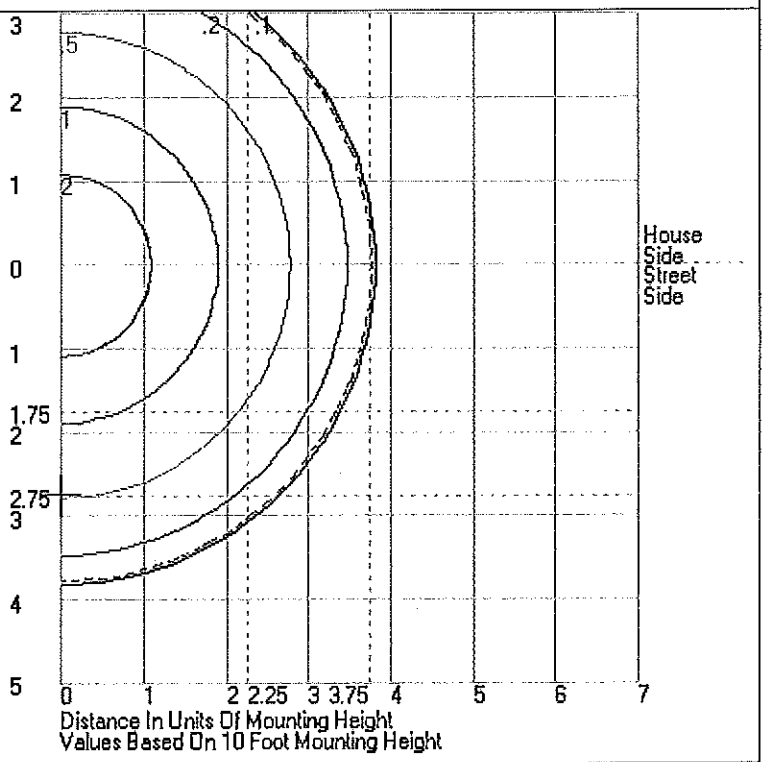
C22

IES Classification	Type V
Longitudinal Classification	Medium
Cutoff Classification (deprecated)	Cutoff
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3623
Total Luminaire Efficiency	N.A.
Downward Total Efficiency	N.A.
Upward Waste Light Ratio	0.01
Max. Cd.	1286
Max. Cd. Angle	0H 70V
Max. Cd. (At 90 Deg. Vert.)	14 (0.4%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	77 (2.1%Lum)
Total Luminaire Watts	1
Ballast Factor	1.00

Flux Distribution

	Lumens	Percent Of Luminaire
Downward Street Side	1789.2	49.4
Downward House Side	1789.2	49.4
Downward Total	3578.4	98.8
Upward Street Side	22.2	0.6
Upward House Side	22.2	0.6
Upward Total	44.4	1.2
Total Flux	3622.8	100.0





Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	131.0	N.A.	3.6
FM (30-60)	736.7	N.A.	20.3
FH (60-80)	902.0	N.A.	24.9
FVH (80-90)	19.5	N.A.	0.5
BL (0-30)	131.0	N.A.	3.6
BM (30-60)	736.7	N.A.	20.3
BH (60-80)	902.0	N.A.	24.9
BVH (80-90)	19.5	N.A.	0.5
UL (90-100)	11.7	N.A.	0.3
UH (100-180)	32.6	N.A.	0.9
Total	3622.7	N.A.	100.0

BUG Rating B2-U2-G1

OSRAM SYLVANIA

Detailed Distribution -- LED50RETROFIT/750/T5M/D6

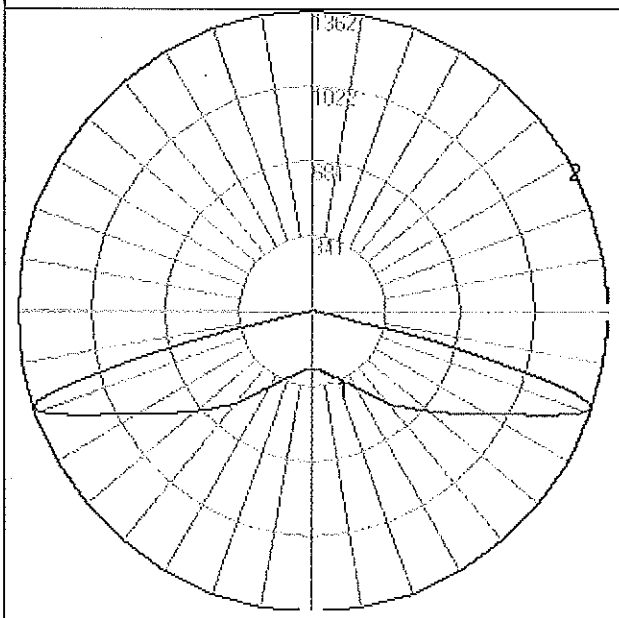
C23

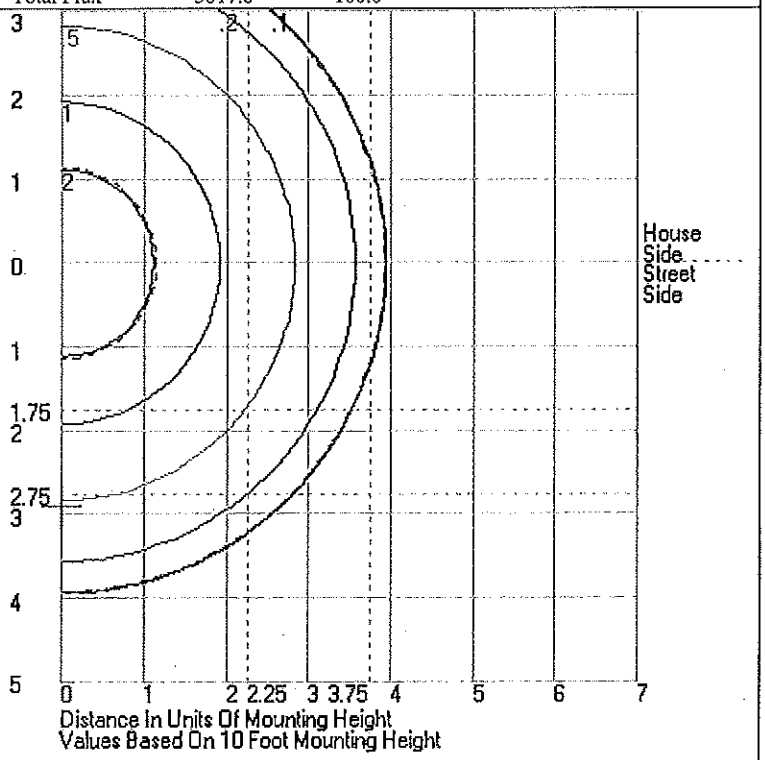
Characteristics

IES Classification	Type V
Longitudinal Classification	Medium
Cutoff Classification (deprecated)	Cutoff
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3818
Total Luminaire Efficiency	N.A.
Downward Total Efficiency	N.A.
Upward Waste Light Ratio	0.01
Max. Cd.	1362
Max. Cd. Angle	0H 71V
Max. Cd. (At 90 Deg. Vert.)	14 (0.4%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	76 (2.0%Lum)
Total Luminaire Watts	1
Ballast Factor	1.00

Flux Distribution

	Lumens	Percent Of Luminaire
Downward Street Side	1885.6	49.4
Downward House Side	1885.6	49.4
Downward Total	3771.2	98.8
Upward Street Side	23.3	0.6
Upward House Side	23.3	0.6
Upward Total	46.6	1.2
Total Flux	3817.8	100.0





Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	138.2	N.A.	3.6
FM (30-60)	754.6	N.A.	19.8
FH (60-80)	974.4	N.A.	25.5
FVH (80-90)	18.5	N.A.	0.5
BL (0-30)	138.2	N.A.	3.6
BM (30-60)	754.6	N.A.	19.8
BH (60-80)	974.4	N.A.	25.5
BVH (80-90)	18.5	N.A.	0.5
UL (90-100)	12.2	N.A.	0.3
UH (100-180)	34.5	N.A.	0.9
Total	3818.1	N.A.	100.0

BUG Rating B2-U2-G1

OSRAM SYLVANIA

Detailed Distribution -- LED50RETROFIT/750/T5M/D6

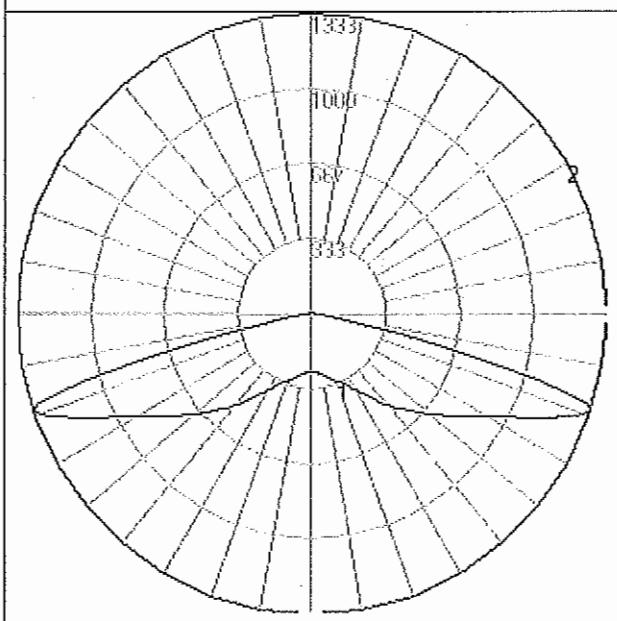
C24

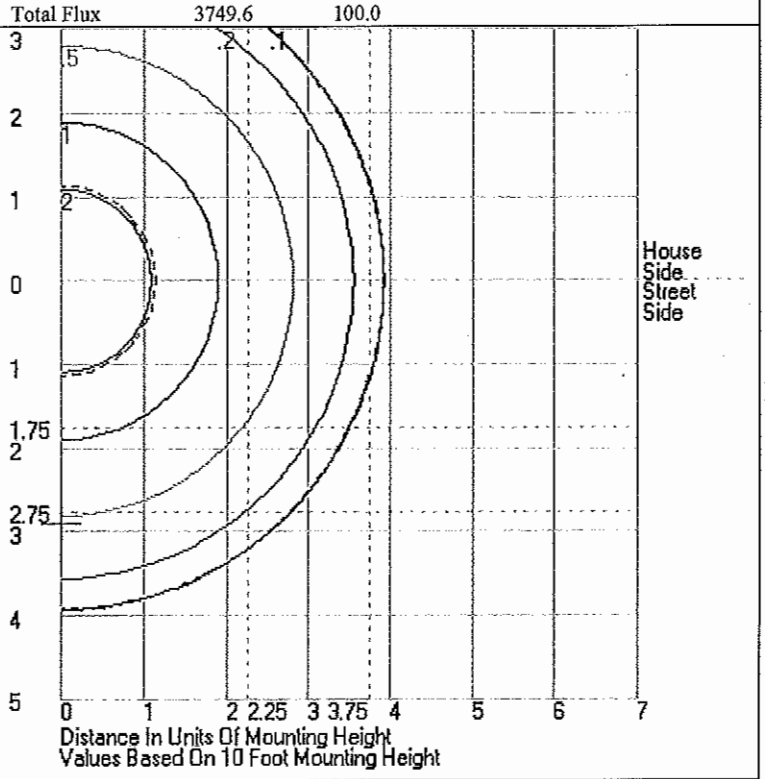
Characteristics

IES Classification	Type V
Longitudinal Classification	Medium
Cutoff Classification (deprecated)	Cutoff
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3750
Total Luminaire Efficiency	N.A.
Downward Total Efficiency	N.A.
Upward Waste Light Ratio	0.01
Max. Cd.	1333
Max. Cd. Angle	0H 71V
Max. Cd. (At 90 Deg. Vert.)	15 (0.4%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	86 (2.3%Lum)
Total Luminaire Watts	1
Ballast Factor	1.00

Flux Distribution

	Lumens	Percent Of Luminaire
Downward Street Side	1851.1	49.4
Downward House Side	1851.1	49.4
Downward Total	3702.2	98.7
Upward Street Side	23.7	0.6
Upward House Side	23.7	0.6
Upward Total	47.4	1.3
Total Flux	3749.6	100.0





Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	136.5	N.A.	3.6
FM (30-60)	740.1	N.A.	19.7
FH (60-80)	954.6	N.A.	25.5
FVH (80-90)	20.0	N.A.	0.5
BL (0-30)	136.5	N.A.	3.6
BM (30-60)	740.1	N.A.	19.7
BH (60-80)	954.6	N.A.	25.5
BVH (80-90)	20.0	N.A.	0.5
UL (90-100)	12.7	N.A.	0.3
UH (100-180)	34.7	N.A.	0.9
Total	3749.8	N.A.	100.0

BUG Rating B2-U2-G1

OSRAM SYLVANIA

LED50RETROFIT/750/T5M/D6

Chromaticity Spatial Uniformity

0° Horizontal				90° Horizontal				u'a	v'a	Max Δu'v'
Vertical Angle (°)	Illuminance (lux)	u'	v'	Vertical Angle (°)	Illuminance (lux)	u'	v'	0.2149	0.4891	0.0097
0	6.152	0.2135	0.4835	0	3.498	0.2140	0.4832			
10	31.17	0.2135	0.4832	10	31.01	0.2142	0.4820	-0.0012	-0.0057	0.0058
20	62.95	0.2135	0.4820	20	63.11	0.2227	0.4828	-0.0010	-0.0065	0.0066
30	76.45	0.2137	0.4818	30	82.43	0.2308	0.4839	0.0032	-0.0067	0.0074
40	103.69	0.2140	0.4836	40	113.64	0.2142	0.4826	0.0074	-0.0062	0.0097
50	135.63	0.2145	0.4850	50	146	0.2146	0.4845	-0.0008	-0.0060	0.0060
60	180.5	0.2144	0.4885	60	192.32	0.2148	0.4883	-0.0004	-0.0043	0.0043
70	262.1	0.2142	0.4944	70	276.2	0.2142	0.4948	-0.0003	-0.0007	0.0008
80	22.54	0.2091	0.4890	80	21.86	0.2194	0.4944	-0.0007	0.0055	0.0055
90	4.682	0.2128	0.4948	90	4.922	0.2135	0.4959			

SYLVANIA

HID BALLAST SPECIFICATIONS

Metal Halide Core & Coil Ballast Kit

47013 M70/MULTI-KIT

FOR ONE 70 WATT, M98 MH

Line Voltage	120/208/240/277V
Regulation	
Line Volts	+/-5%
Line Watts	+/-10%
Frequency	60 Hz
Circuit Type	HX-HPF
Power Factor (min)	90%
Insulation Class	H(180°)
Min. Ambient Starting Temp.	-20° F or -30° C

c UL us

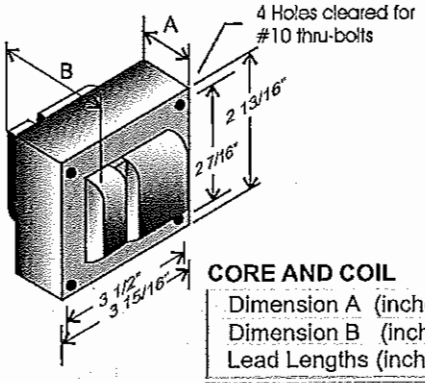
ISO-9000

Line Voltage (Volts)	120	208	240	277
Line Current (Amps)				
Operating	0.85	0.50	0.43	0.37
Open Circuit	1.70	0.96	0.83	0.72
Starting	0.91	0.66	0.57	0.50
Input Watts (W)	95	95	95	95
Open Circuit Voltage (V)	250	250	250	250
Drop Out Voltage (V)	90	150	175	208
UL(1029) Bench Top Rise	A	A	A	A
Recommended Fuse (Amps)	4	3	2	2

HIGH POTENTIAL TEST (VOLTS)	
1Minute	2000
2 Seconds	2500
Open Circuit Voltage Test(volts)	240-265
Short-Circuit Current Test (Amps) Secondary Current	1.00 - 1.25

Input Current (Amps)	0.55 - 1.05	0.30 - 0.60	0.25 - 0.55	0.22 - 0.50

3 "x 4" CORE



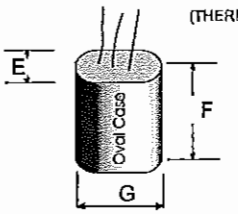
CORE AND COIL

Dimension A (inches)	1.45
Dimension B (inches)	2.90
Lead Lengths (inches)	12

IGNITOR 356-AS-100-MH

(THERMAL PLASTIC CASE) NAED: XXXXX

Max. case temp 110° C

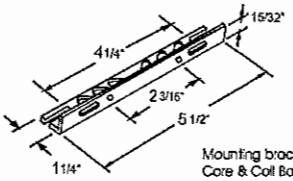


Dimension E (inches)	1.17
Dimension F (inches)	2.5
Dimension G (inches)	1.9

Maximum Distance To Lamp: 5 feet

BRACKET NAED: XXXXX

CORE & COIL MOUNTING BRACKET



Mounting bracket for Core & Coil Ballasts (1 bracket with thru bolts)

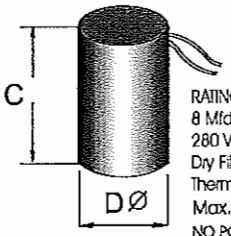
NAED: XXXXX

MOUNTING CLIP for round case (Furnished as standard with B suffix ballast)

NAED: XXXXX

MOUNTING CLIP for oval case (Furnished as standard with B suffix ballast)

CAPACITOR



RATING
8 Mfd ± 3%
280 VAC MIN
Dry Film Capacitor
Thermal Plastic Case
Max. Case Temp 100° C
NO PCB'S

NAED: XXXXX

Dimension C (inches)	2.90
Dimension D (inches)	1.380

PRODUCT LABEL

SYLVANIA

Lamp Type
M98 70W MH

M70/MULTI-KIT

120/208/240/277V
0.85/0.50/0.43/0.37A
250Voc,60Hz,HX-HPF
Max. Input Current without lamp. 1.70 A

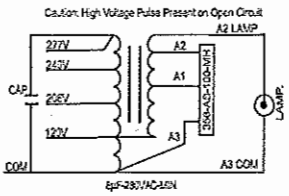
c UL us E151573

1029A Class H
Ground Ballast Core
65-150-4

47013-4

Made in Mexico

Caution: High Voltage Pulse Present on Open Circuit



CARTON LABEL

SYLVANIA 1 Ballast Kit 1 SKU's

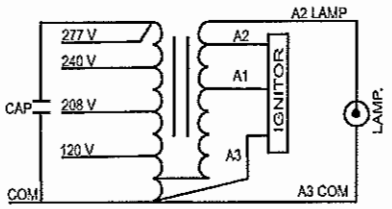
M70/MULTI-KIT M98

METALARC® 120/208/240/277 V

Magnetic Ballast/Ballast magnétique Mexico

47013-4

1 00 46135 47013 1



MULTI VOLTAGE
120/208/240/277 VOLT CONNECTION

WIRING DIAGRAM H

CARTON CHARACTERISTICS

UNITS CARTON	CARTON/LAYER	# OF LAYERS	UNITS PALLET	PIECE WEIGHT	CARTON WEIGHT	PALLET WEIGHT
1	42	10	420	5.15 Lbs	5.50 Lbs	2345 Lbs

CARTON PALLET	CARTON DIMENSIONS	PALLET DIMENSIONS	PALLET DIMENSIONS LOADED, INCLUDING WOOD PALLET
420	6 ¾" x 6 ⅞" x 3¾"	40" x 48" x 7"	40" x 48" x 44 ½"

Item Number — 47013M70/MULTI-KIT
METAL HALIDE
Primary Lamp Wattage
Line Voltage

Specifications subject to change without notice.

REV A-H03

Lumecon / Luminance + Economy

August 30, 2010

Village of Dexter
8140 Main Street
Dexter, MI 48130

To Whom It May Concern:

Thank you for the opportunity to quote the Relume product line for the retro fit into the Villages existing decorative fixtures. Please see the attached quote for pricing, the rest of the information is listed below a supported with attached documents.

1. Price: $560.00 per UA3 unit.
2. Warranty: All Relume products are warranted for 7 years. For details please attached warranty document.
3. Delivery date: typically occurs in 4-6 weeks from receipt of PO. We will give a more accurate delivery date when PO is received and Production knows what the current load is.
4. Estimated life is 70,000 hours +. Please see supporting Independent In-Situ Test preformed on Unit.
5. Estimated energy savings: Currently the Village has 70w HPS units which have an actual draw of 95W. The Relume LED retrofit Kit uses less than 61W for a reduction of 34 watts per fixture. Assuming kWh of .1136 and 4300 burn hours per year this equals $16.61 dollars per unit per year. Times 80 units will equal $1328.88 annual savings plus large maintenance savings as well. See supporting calculation document.
6. Preferred installers:
    a. Park Avenue, 734-323-5618

Sincerely,

Robert Hahn
General Manager

23107 Commerce Drive Farmington Hills, MI 48335 (877) 564-3133 www.lumecon.com

RELUME TECHNOLOGIES, INC
LIMITED WARRANTY POLICY

Relume Technologies, Inc. ("Relume") warrants for the Warranty Period, with the limitations below, to the first user that all Products manufactured by Relume, when properly installed and maintained under normal service, are free from Defect in material and workmanship.

The Products covered by this warranty are products manufactured by Relume in the USA that incorporate LED lighting arrays using Relume's Silver Circuit® technology and that are manufactured and used for purpose as defined by Relume Technologies.

The Warranty Period begins on **[the date of manufacture of the Product stamped on the Product]** and ends seven (7) years thereafter.

A Defect will be deemed to exist in a Product only if either (a) there has been agreater than 30% degradation in light output over the Warranty Period; or (b) more than 5% of the LEDs have totally failed.

LIMITATIONS OF WARRANTY

This Warranty does not apply to parts or assemblies that have been subjected to abuse, misuse, improper installation, abnormal service, accident, fire, improper repair or maintenance, tampering or abuse nor to parts or assemblies that have incurred extraordinary weather conditions. In particular, but without limitation, this Warranty does not apply if the Product or LED array fails by reason of hurricane, tornado or earthquake.

EXCLUSIVE REMEDY

Relume's sole liability under this Warranty is limited to the repair or replacement (at Relume's option) of the defective Product or LED array. Under no circumstances will Relume be responsible for any other loss or expense whatsoever, including but not limited to charges or claims for labor, lost business, lost time, lost profits, loss of use or any kind of incidental, consequential or punitive damages, however denominated or described.

EXCLUSION OF ALL OTHER WARRANTIES

THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES OF ANY KIND, WHETHER EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE.

PROCEDURE FOR CLAIMS

Any person desiring to make a claim under this Warranty shall promptly notify Relume in writing, addressed to:

Warranty Claims Department
Relume Technologies, Inc.
925 N. Lapeer Rd. Ste. B
Oxford, MI 48371

If Relume desires to examine the Product prior to disposition of any claim, Relume will specify a destination to which the claimed defective Product should be shipped, freight prepaid. In any event, the user will not dispose of the claimed defective Product until the claim has been resolved.

Upon receipt of the claimed defective Product, Relume will undertake such examinations of the Product as it deems necessary or desirable. If Relume concurs that the Product incurred a Defect within the Warranty Period, Relume will repair or replace the Product and return it, freight prepaid.

Relume may request from the user installation, maintenance and repair records related to the claimed defective Product. If such records do not show that appropriate installation, maintenance or repair occurred, or if there are no such records, the claim may be denied. The burden of showing appropriate installation, maintenance and repair is on the user.

If the Product reviewed by Relume does not meet the requirements of the Warranty, Relume will so notify the user and the user will promptly notify Relume that either (a) Relume is to repair or replace the Product at the user's cost, with the return to the user being freight collect; or (b) that Relume is to dispose of the Product at the user's cost.

REPORT

3933 US ROUTE 11 CORTLAND, NEW YORK 13045

Project No. 100034775 Date: February 9, 2010

REPORT NO. 100034775CRT-001

TEST OF ONE LED FIXTURE

MODEL NO. UA2-1

RENDERED TO

RELUME TECHNOLOGIES
925 NORTH LAPEER ROAD
OXFORD, MI 48371

TEST: In-Situ Temperature tests.

AUTHORIZATION: The testing performed was authorized by signed quote number 500207191.

LABORATORY NOTE: The laboratory that conducted the testing detailed in this report has been Qualified, Verified, and Recognized for LM-79 Testing for ENERGY STAR for SSL by US DOE's CALIPER program.

STANDARDS USED: The following American National Standards or Illuminating Engineering Society of North America Test Guides were used in part or totally to test each specimen:

UL 1598: 2008 Standard for Safety: Luminaires

DESCRIPTION OF SAMPLE: The client submitted one sample of model number UA2-1. The sample was received by Intertek on January 29, 2009, in undamaged condition, and sample was tested as received. The sample designation was L4500L.

DATES OF TESTS: February 5, 2010

Intertek

SUMMARY

Model No.:	UA2-1
Description:	UNIVERSAL ACORN

Criteria	Result	Status	Requirement
Maximum Source Temperature Point	39.4℃	Complies	Not to exceed LED chip manufacturer maximum recommended LED temperature when measured in-situ

ENERGY STAR SSL REQUIREMENTS

All Luminaires

Property	Requirements
Maximum Measured Power Supply Case Or Manufacturer Designated Temperature Measurement Point (TMP_{ps})	Not to exceed power supply manufacturer maximum recommended case temperature or TMP when measured in-situ.

EQUIPMENT LIST

Equipment Used	Model Number	Control Number	Last Calibration Date	Calibration Due Date
Fluke Temperature Meter	52	T801	06/09/09	06/09/10

TEST METHODS

Seasoning in Each Burn Orientation

No seasoning was performed in accordance with IESNA LM-79.

Maximum Measured Manufacturer Designated Point Temperature

Led source operating temperature measurements were taken on one test sample model with a thermocouple and Fluke 87 temperature meter. The SSL sample was allowed to reach thermal equilibrium for seven hours before measurements were taken. Power supply or source temperature measurements were measured at the TMP_{PS} or T_S point as indicated by the included diagram in accordance with manufacturers declared hot spot location. A simulated ceiling or other enclosure may be used in accordance to UL 1598 as applicable.

Intertek

RESULTS OF TESTS

Maximum Measured Manufacturer Designated Source Point Temperature

Manufacturer Supplied Documentation:

CREE LED Light

Characteristics

Characteristics	Unit	Minimum	Typical	Maximum
Thermal Resistance, junction to solder point	°C/W		8	
Viewing Angle (FWHM) (white)	degrees		80	
Viewing Angle (FWHM) (blue, royal blue, green)	degrees		100	
Temperature coefficient of voltage (white, blue, royal blue, green)	mV/°C		-4.8	
ESD Classification (HBM per Mil-Std-883D)			Class 2	
DC Forward Current (white ≥ 5000 K)	mA			1000
DC Forward Current (white < 5000 K, blue, royal blue, green)	mA			700
DC Pulse Current (@ 1 kHz, 10% duty cycle)	A			1.8
Reverse Voltage	V			5
Forward Voltage (@ 350 mA)	V		3.3	3.9
Forward Voltage (@ 700 mA)	V		3.5	
Forward Voltage (@ 1000 mA) (white ≥ 5000 K)	V		3.7	
LED Junction Temperature *	°C			150

* Note: For lumen maintenance data, see the Cree XLamp LED Reliability document.

Maximum Measured Manufacturer Designated Source Temperature

Sample No.	Model	Maximum Measured Source Temperature (C°)	Location	Maximum Rated Source Temperature (C°)
L4500L	UA2-1	39.4	At solder point	130*

*Note: Calculated by using thermal resistance formula at 700ma max current.

In Charge Of Tests:

Jeffrey Davis
Technician I
Lighting Division

Report Reviewed By:

Jacki Swiernik
Project Engineer
Lighting Division

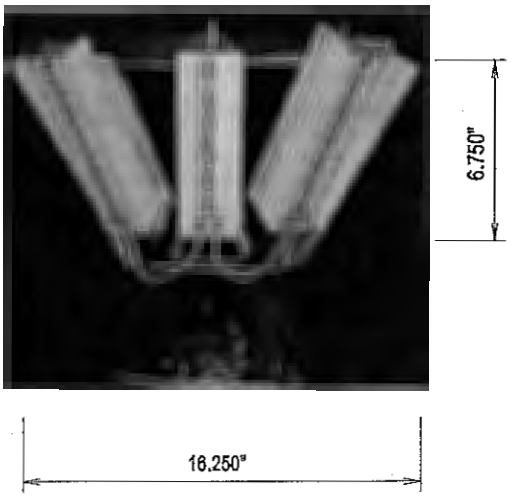
Attachment: None

LTL LUMINAIRE TESTING LABORATORY, INC.

SUSTAINING MEMBER of the IESNA

905 Harrison Street · Allentown, PA 18103 · 610-770-1044 · Fax 610-770-8912 · www.LuminaireTesting.com

LTL NUMBER: 14479 DATE: 12-05-2008
PREPARED FOR: RELUME TECHNOLOGIES
CATALOG NUMBER: UNIVERSAL ACORN XRC #1 WITHOUT EYEBROWS
LUMINAIRE: EXTRUDED AND FORMED ALUMINUM AND STEEL HEATSINK HOUSING, NO ENCLOSURE.
LAMP: 48 WHITE LEDS
LED POWER SUPPLY: ONE ADVANCE LED-INTA-700C-140-F30
ELECTRICAL VALUES: 120.0VAC, 0.5114A, 61.00W
LUMINAIRE EFFICACY: 50.0 LUMENS/WATT
NOTE: THIS TEST WAS PERFORMED USING THE CALIBRATED PHOTODETECTOR METHOD OF ABSOLUTE PHOTOMETRY.*



IES CLASSIFICATION: **AREA LIGHT**
CUTOFF CLASSIFICATION: **NON-CUTOFF****
**CUTOFF DESIGNATION IS NOT DEFINED FOR ABSOLUTE PHOTOMETRIC TESTS. THIS CUTOFF RATING IS BASED ON THE MAXIMUM CANDELA READING PER LUMINAIRE RATED AT 1000 LUMENS.

FLUX DISTRIBUTION

LUMENS	DOWNWARD	UPWARD	TOTALS
HOUSE SIDE	1243.47	281.06	1524.53
STREET SIDE	1243.47	281.06	1524.53
TOTALS	2486.93	562.13	3049.06

Approved By: MG

*DATA WAS ACQUIRED USING THE CALIBRATED PHOTODETECTOR METHOD OF ABSOLUTE PHOTOMETRY. A UDT MODEL #211 PHOTODETECTOR AND UDT MODEL #S370 OPTOMETER COMBINATION WERE USED AS A STANDARD. A SPECTRAL MISMATCH CORRECTION FACTOR WAS EMPLOYED BASED ON THE SPECTRAL RESPONSIVITY OF THE PHOTODETECTOR AND THE SPECTRAL POWER DISTRIBUTION OF THE TEST SUBJECT.

TESTING WAS PERFORMED IN ACCORDANCE WITH IES LM-79-08.
TEST ANGULAR INCREMENTS AND REPORT FORMATTING WAS BASED ON IES LM-31-95.

LTL LUMINAIRE TESTING LABORATORY, INC.

SUSTAINING MEMBER of the IESNA

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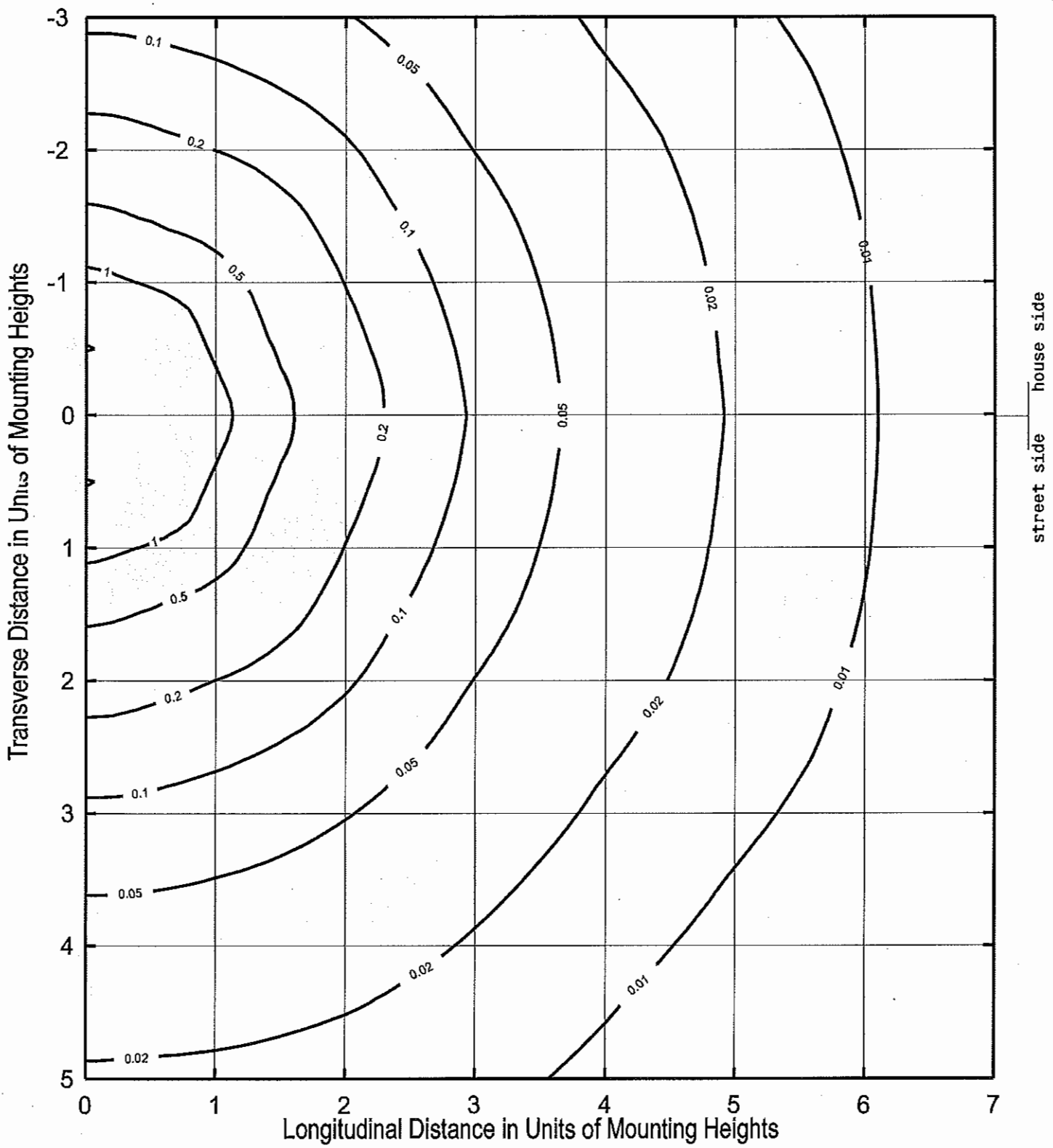
ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINATION VALUES BASED ON 12.00 FOOT MOUNTING HEIGHT



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SUSTAINING MEMBER of the IESNA

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CANDELA DISTRIBUTION

	0	5	15	25	35	45	55	65	75	85	90
180	1	1	1	1	1	1	1	1	1	1	1
175	0	0	1	1	0	0	0	1	1	0	0
165	0	0	1	0	0	0	0	0	0	0	0
155	1	1	1	2	2	2	2	2	2	2	2
145	17	18	23	24	21	16	19	22	21	16	16
135	42	42	36	33	38	45	39	37	41	48	50
125	53	56	52	52	53	54	61	57	60	57	58
115	71	73	82	81	73	74	77	95	82	74	75
105	131	132	128	133	127	130	133	128	134	127	124
95	208	218	237	238	225	212	226	235	231	211	210
90	241	254	280	291	273	250	262	286	278	255	248
87.5	260	275	301	312	296	269	281	306	299	278	270
85	282	297	319	330	317	290	301	324	319	302	294
82.5	310	318	336	347	336	314	318	340	336	325	321
80	336	338	352	362	353	336	334	354	352	346	347
77.5	361	357	367	376	369	358	349	367	367	365	374
75	378	377	380	388	385	381	366	379	381	384	399
72.5	393	396	392	396	402	402	383	389	393	404	419
70	414	415	402	405	417	423	400	398	405	424	432
67.5	432	432	412	412	432	440	416	407	416	444	445
65	448	445	421	419	445	456	431	414	425	461	458
62.5	462	456	431	426	456	467	443	421	432	472	470
60	471	463	439	434	464	475	452	424	438	479	481
57.5	479	469	445	439	470	483	457	429	442	484	489
55	484	472	448	445	474	488	459	434	448	486	493
52.5	486	474	451	449	476	491	462	440	452	487	495
52	487	474	451	450	476	491	462	441	452	487	**496**
50	486	476	453	452	477	491	460	444	454	486	494
47.5	483	474	452	455	477	488	457	445	454	485	492
45	480	470	451	456	475	484	453	441	453	482	489
40	477	467	448	449	472	473	449	436	449	472	479
35	466	458	443	440	462	462	440	425	435	453	458
30	442	436	424	423	429	431	420	406	410	416	418
25	386	382	381	380	378	380	377	370	368	363	363
20	312	309	311	310	311	312	315	311	306	299	298
15	235	237	241	245	244	242	246	252	251	247	246
10	201	201	205	203	199	200	205	210	210	205	207
5	217	210	198	195	204	222	210	203	207	219	222
0	207	207	207	207	207	207	207	207	207	207	207

LTL LUMINAIRE TESTING LABORATORY, INC.

SUSTAINING MEMBER of the IESNA

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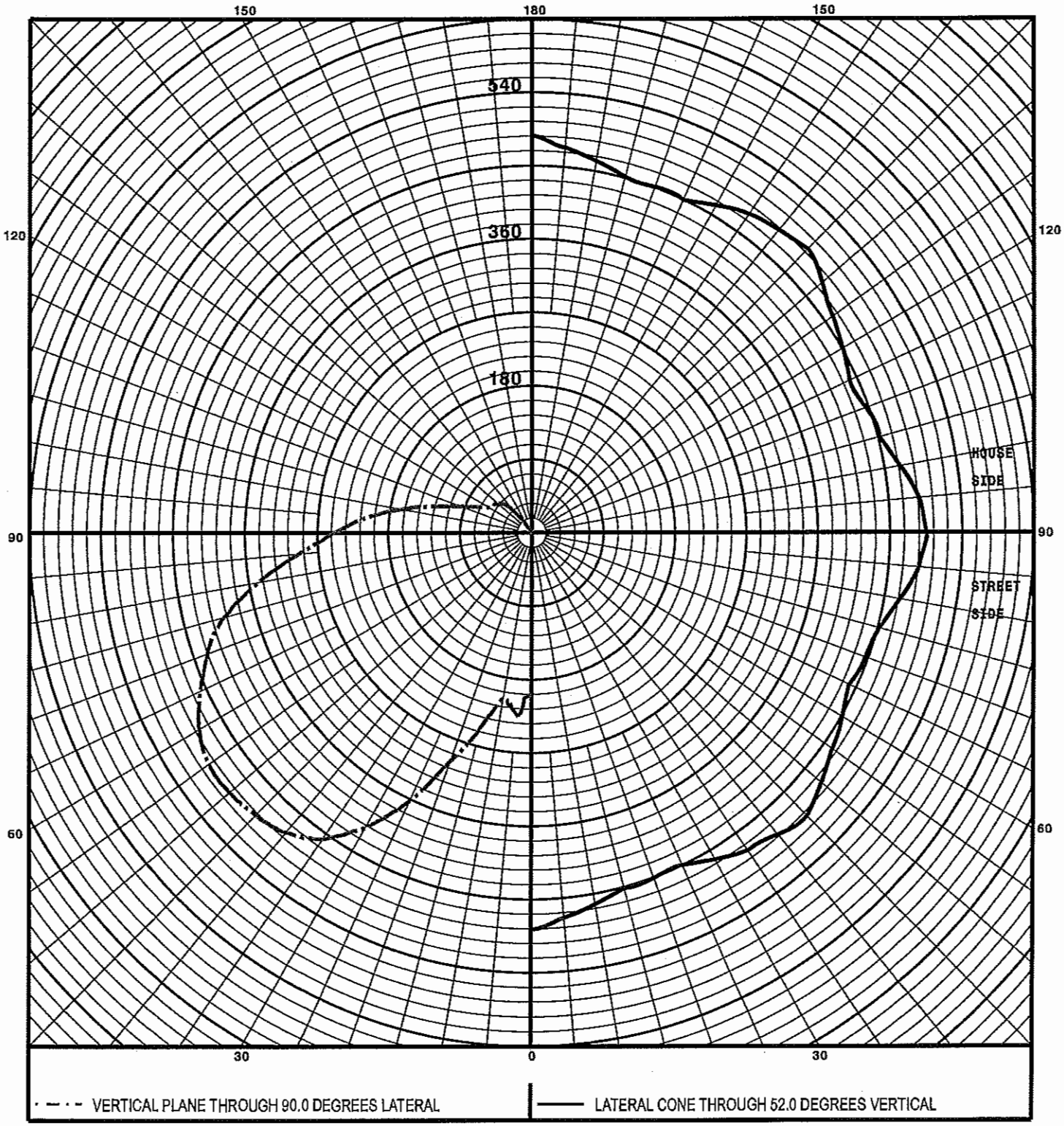
MAXIMUM PLANE AND CONE PLOTS OF CANDELA



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SUSTAINING MEMBER of the IESNA

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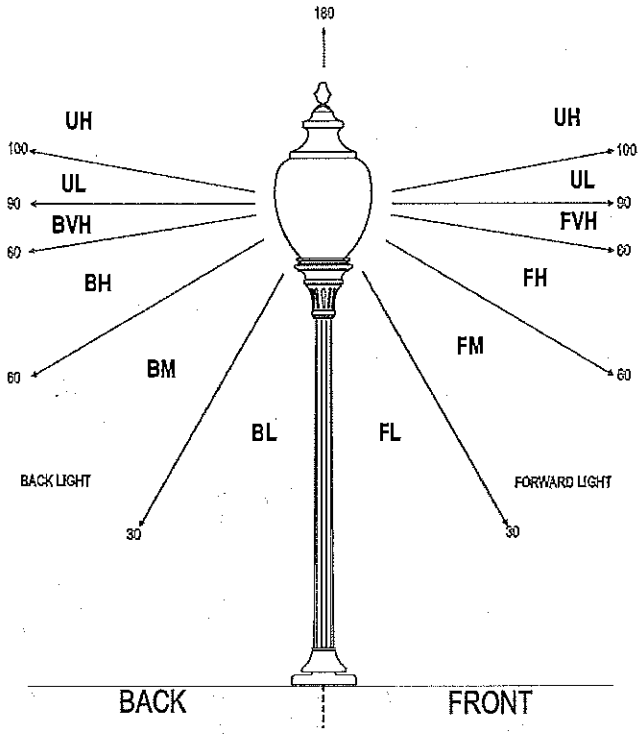
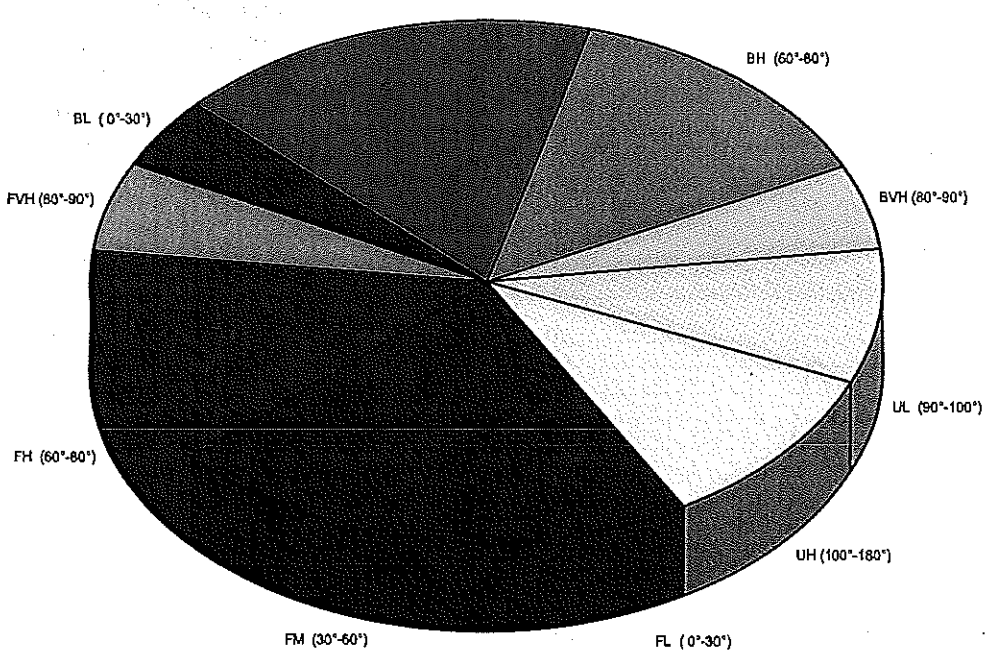
FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



ZONE	FLUX LUMINAIRE LUMENS	% OF LUMINAIRE LUMENS
FORWARD LIGHT	1243	40.8
FL (0°-30°)	133	4.4
FM (30°-60°)	526	17.2
FH (60°-80°)	416	13.6
FVH (80°-90°)	169	5.5
BACK LIGHT	1243	40.8
BL (0°-30°)	133	4.4
BM (30°-60°)	526	17.2
BH (60°-80°)	416	13.6
BVH (80°-90°)	169	5.5
UPLIGHT	562	18.4
UL (90°-100°)	246	8.1
UH (100°-180°)	316	10.4
TRAPPED LIGHT	NA	NA



LTL LUMINAIRE TESTING LABORATORY, INC.

SUSTAINING MEMBER of the IESNA

905 Harrison Street · Allentown, PA 18103 · 610-770-1044 · Fax 610-770-8912 · www.LuminaireTesting.com

LTL Number: 14003 Date: 09-19-2008

Prepared For: Relume Technologies

Catalog Number: Universal Acorn XRC #1

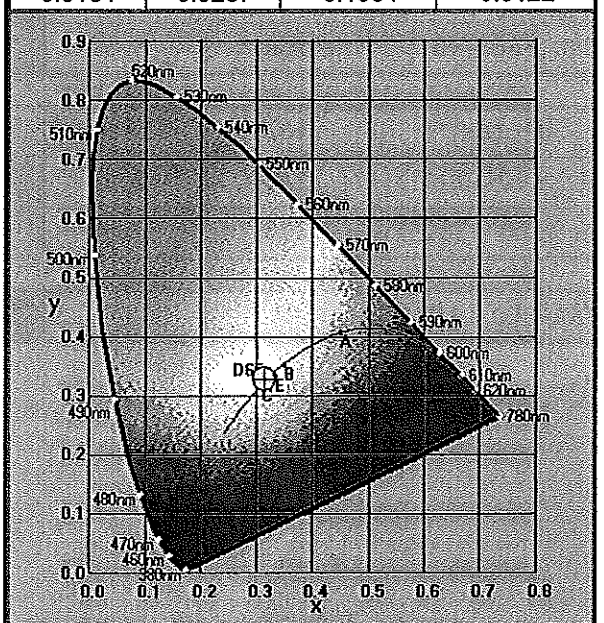
Luminaire: Extruded and formed aluminum and steel heatsink housing, no enclosure.

Lamp: 48 White LEDs

LED Power Supply: One Advance LEDINTA0024VFO

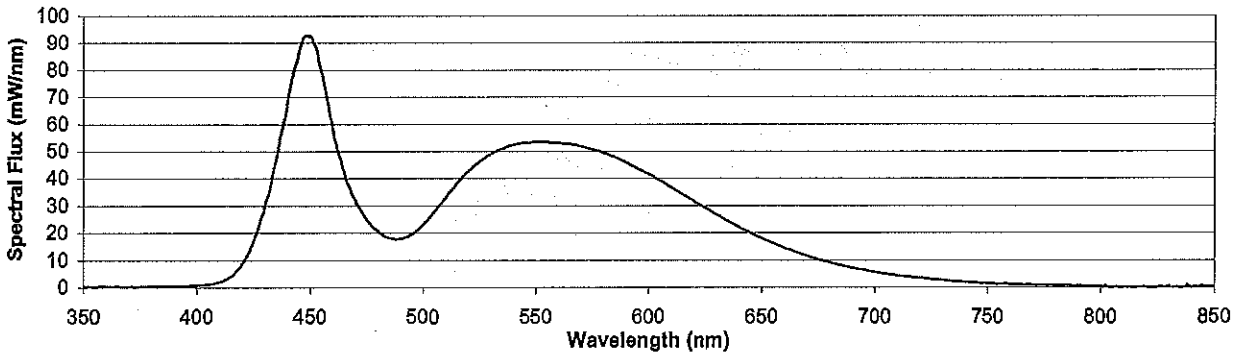
Luminaire Efficacy: 39.7 Lumens/Watt

Lamp Arc Voltage	Lamp Current	Lamp Watts	Frequency
120.0VAC	0.6869A	80.89W	60 Hz
Radiant Flux mW	**Luminous Flux lumen**	**Corr.Color Temperature K**	**Color Rend. Index Ra**
10320.72	3213.010	6463	75.5
Chroma x	**Chroma y**	**Chroma u**	**Chroma v**
0.3134	0.3287	0.1984	0.3122



Chromaticity Diagram CIE 1931, 2 degree

Wavelength in nm	Spectral Flux in mW/nm	Wavelength in nm	Spectral Flux in mW/nm
350	0.4070	610	36.8530
360	0.4548	620	31.6520
370	0.3962	630	26.8210
380	0.5318	640	22.1300
390	0.5587	650	18.1590
400	0.8040	660	14.5870
410	2.0760	670	11.6480
420	8.5141	680	9.2233
430	29.9250	690	7.2631
440	67.9780	700	5.6974
450	92.5640	710	4.5092
460	57.9050	720	3.5575
470	31.9250	730	2.7472
480	20.6810	740	2.0065
490	17.8730	750	1.6001
500	23.2280	760	1.1953
510	33.1980	770	0.9403
520	42.8700	780	0.7498
530	49.0240	790	0.6570
540	52.4170	800	0.3156
550	53.6590	810	0.1203
560	53.1890	820	0.2067
570	52.0320	830	0.4657
580	49.5870	840	0.0771
590	46.0870	850	0.3132
600	41.8120		



TESTING WAS PERFORMED IN ACCORDANCE WITH IES LM-79-08. Approved By: MG

Energy Comparison

From Energy Company

Energy Only	$0.1136	kWh										
Burn Hours/per year	4300											
Change bulb from	95	***	watts to	61	watts	=	34	watts saved				
(Divide by 1000)	408.5	kWh		262.3	kWh		$16.61	Annual Energy Savings	Number of Units	80	Number of Years	1
Annual Energy Cost	$46.41			$29.80								

Total Energy Savings	$1,328.67

Relume Technologies

Statement of Compliance

January 1, 2010

To Whom It May Concern:

This letter is the certification of compliance with the Federal Acquisition Regulation Section 25 and the ARRA section 1605 detailing "Buy American" provisions. Based on the clarification documentation issued by the Federal Office of Management and Budget dated March 26th 2009, FAR Case 2009-008, all Relume Street and Area Lighting products are compliant with the regulations.

John Morgan
VP Operations
Relume Technologies, Inc.

925 N. Lapeer Road, Suite B, Oxford, MI 48371 · (248) 969-3800 · Fax: (248) 969-3804
www.relume.com

Relume Technologies

January 28, 2010

RoHS Certificate of Compliance

This document certifies that all products manufactured by Relume Technologies comply with the European Union Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment ("RoHS") Directive 2002/95/EC. The RoHS directive prohibits the sale of electronic equipment containing certain hazardous substances such as lead, cadmium, mercury, hexavalent chromium, polybrominated biphenyls ("PBB") and polybrominated diphenylethers ("PBDE") in the European Union.

Relume Technologies has conducted a thorough survey of its suppliers of component parts and materials and monitors the RoHS compliance of these supplied parts as well as newly-sourced parts. All components used in Relume products, including the Philips Advance Xitanium LED power supplies and the Cree XLamp LED chips, are compliant with the RoHS directive.

Sincerely,

John J. Morgan
VP of Operations

925 N. Lapeer Road, Suite B, Oxford, MI 48371 · (248) 969-3800 · Fax: (248) 969-3804
www.relume.com

P238

Intertek

Certificate of Registration

The following organization's quality management system has been assessed and registered by Intertek Testing Services NA, Inc. as conforming to the requirements of:

ISO 9001:2008

Certificate Number
QMS-0444

Initial Certification Date
October 14, 2009

Certificate Issue Date
October 14, 2009

Certificate Expiry Date
October 14, 2012

Organization:

Relume Technologies Inc

Main Site: 925 N. Lapeer Road, Suite B, Oxford, MI, 48371, USA

The Quality Management System is applicable to:

The Design and Manufacture of LED Light Engine Assemblies and LED Luminaries

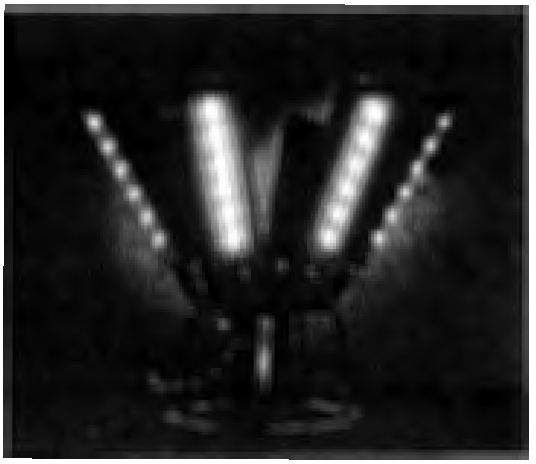
In the issuance of this certificate, Intertek assumes no liability to any party other than to the Client, and then only in accordance with the agreed upon Certification Agreement.

Intertek Testing Services NA, Inc. – Kentwood, MI, USA

GF106-US-DAR-2008 – Issue Date 15/11/2008 Project No. 3118280

Relume Technologies

RELUME LED UNIVERSAL ACORN RETROFIT



The Relume Universal Acorn Retrofit has a patent pending "flower petal" design that enables retrofitting of existing decorative post-top luminaires that have one-piece, acorn style lenses. Relume's proprietary design allows the LED light engine to be inserted through the opening at the base of the lens and then "opened" into the deployed position to provide outstanding photometric distribution.

LED LIGHT OUTPUT/COLOR/ QUALITY: Standard output LEDs produce 2,610 lumens and are available in warm, neutral, and cool color temperatures (lumen output may vary depending on color range). High output LEDs producing 4,388 lumens may also be specified in the cool color range from 5,500K to 7,000K on the Kelvin temperature scale. All LEDs are rated to maintain at least 70% of initial lumen output for 150,000 hours at an ambient temperature of 60°F and for 80,000 hours at an ambient temperature of 80°F.

LIGHT ENGINE CONSTRUCTION: Patented Relume Silver Circuitry™ ensures excellent thermal management and low LED junction temperatures—the key to long LED life.

ELECTRICAL: Each power supply (driver) operates from a 50-60 HZ +/- 3 HZ AC line over a voltage ranging from 120 to 277 volts. The driver is highly efficient with a power factor of greater than 0.91 and a total harmonic distortion (THD) of less than 20%. Fluctuations in line voltage have no affect on the luminous output. The driver has voltage surge protection to withstand high repetition noise transients while meeting emission limits set forth in FCC Title 47, Subpart B, Section 15. A higher voltage (347- 480 volts) 50-60 HZ driver is also available at an additional cost

WIRING: All wiring conforms to requirements set forth in Section 13.02 of the ITE Publication: Equipment and Material Standards, Chapter 2.

ENVIRONMENTAL: All Relume Light engines fully comply with the Restriction of Hazardous Substances Directives (RoHS) adopted in February 2003 by the European Union and are fully recyclable.

QUALITY ASSURANCE: Relume light engines have been independently tested and passed FDOT environmental requirements A615-2 (Operating Voltage and Frequency), A615-3(Power Interruption), A615-4 (Temperature and Humidity), A615-5 (Vibration), A615-6 (Shock), A615-7 (Transients: Power Service, Input-Output Terminals and Non-Destruct Transient Immunity). In production, each Light engine is burned-in and certified by Relume's internal QA process. A quality control tracking label, including date of manufacture, is mounted on the inside of each fixture.

WARRANTY: Relume guarantees unsurpassed quality by offering an industry leading 7 year limited warranty. Contact Relume for complete warranty language, exceptions, and limitations.

7 Year Warranty

PATENTED TECHNOLOGY:
6,582,100 : 6,428,189 :6,045,240: 5,857,767: 5,785,418: 5,783,909: 5,782,555

ORDERING INFORMATION:

Model	Lumen Output	Color Temperatures
UA1	3,219	Warm, Neutral, or Cool
UA2	5,458	Cool

For more information, visit www.relume.com or call: (248) 969-3800

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