

SURVEYOR'S OFFICE

Hamilton County

Kenton C. Ward, CEM
Surveyor of Hamilton County
Phone (317) 776-8495
Fax (317) 776-9628

Suite 188
One Hamilton County Square
Noblesville, Indiana 46060-2230

December 6, 2011

TO: Hamilton County Drainage Board

RE: Taylor Creek Drain, Jesse DeVaney Arm

Attached is a drain map, drainage shed map and schedule of assessments for maintenance for the Taylor Creek Drain, Jesse DeVaney Arm. This drain is located in Jackson Township. The drainage area for this drain is 1,126.10 acres.

The drain is listed as Number 3 for Reconstruction on the 2011 Classification List which was approved by the Board at its February 28, 2011 meeting. (See Hamilton County Drainage Board Minutes Book 13, Pages 284-291). Although listed for reconstruction, I recommended the drain be placed on maintenance earlier this year. The drain shall remain on the reconstruction list until plans can be finalized and a reconstruction hearing can be held in late 2012 or 2013. This was discussed by the Board with landowners within the drainage shed at its meeting on April 25, 2011. (See Hamilton County Drainage Board Minutes Book 13, Pages 352-354).

The portion of the drain to be placed on maintenance is that portion of the Jesse DeVaney Drain from Station 39+20 to Station 152+15 of the 1903 description. Station 39+20 is the point of terminus of maintenance of my November 29, 1982 report for the Mallott-Carson Drain which was approved by the Board at hearing on February 7, 1983. (See Hamilton County Drainage Board Minutes Book 1, Page 518). The terminus of the maintenance is Station 152+15 which is the centerline of DeVaney Road. The entire length of this section of drain consists of open ditch. The length of this segment is 11, 295 feet.

As stated above Taylor Creek (Jesse DeVaney) is Number 3 on this year's Classification List for Reconstruction. The office has had four (4) complaints on the drain since 2005. Those complaints are as follows:

DATE	APPLICANT	LOCATION	PROBLEM
April 14, 2005	Fred Miller	DeVaney & Cal Carson Roads	Water not flowing & backed up
October 5, 2005	William D. Wilson	256 th St & Cal Carson Road	Beaver dam
May 4, 2006	Noah Davis	25940 DeVaney Road	Holes in tile caused by backed up water.

I am recommending that the Taylor Creek Drain be placed on maintenance at this time. The nature of maintenance work required is as follows:

- A. Clearing of trees and brush on the existing open drain as needed to improve flow;
- B. Creation and re-excavation of silt basins;
- C. Re-excavation of open ditch to original grade line;
- D. Surface water structures as might be required;
- E. Bank erosion protection and/or seeding as might be required;
- F. Repair of private tile outlet ends as might be required;
- G. Repair of regulated drain tiles & outlets;
- H. Removal of beaver dams;
- I. Removal of debris and/or blockage from regulated open ditch;
- J. Spraying for vegetation control;
- K. Mowing filter strips;
- L. Any other repairs deemed to be applicable and necessary by the Surveyor to restore the drain to its original intended use and condition.

The frequency with which maintenance work should be performed is annually as required by the condition of the drain.

The maintenance assessment for Taylor Creek Drain was established by the Board at hearing on November 26, 2007. This was done per my report dated October 18, 2007 for the Taylor Creek Drain, Arbuckle Arm. (See Hamilton County Drainage Board Minutes Book 10, Pages 527-530). The original assessment was revised per my report dated May 10, 2010. This was done by the Board at hearing June 28, 2010. The increase was to increase the per acre rate for agricultural and non-platted residential from \$3.00 to \$4.00 per acre. (See Hamilton County Drainage Board Minutes Book 13, Pages 30-31). This was later increased from \$4.00 to \$5.00 per acre per my report dated December 23, 2010 and approved by the Board at hearing on February 28, 2011. (See Hamilton County Drainage Board Minutes Book 13, Pages 282-283).

I have reviewed the plans and drain map and upon considering each tract individually I believe that all tracts within the drainage shed of the Taylor Creek Drain, Jesse DeVaney Arm will benefit. Upon considering the various methods of determining benefits as set out in IC 36-9-27-112, I recommend that the following maintenance assessment, which is the current drainage assessment for the Taylor Creek Drain, should be adopted by the Board for this section:

1. Maintenance assessment for agricultural tracts be set at \$5.00 per acre with a \$15.00 minimum.
2. Maintenance assessment for non-platted residential tracts be set at \$5.00 per acre with a \$15.00 minimum.
3. Maintenance assessment for commercial, institutional and multi-family residential tracts be set at \$10.00 per acre with a \$75.00 minimum.
4. Maintenance assessment for platted lots in subdivisions whose drainage systems will not be considered part of the regulated drain shall be set at \$35.00 per lot - \$35.00 minimum. Common areas within subdivisions whose drainage systems will not be part of the regulated drain shall be set at \$5.00 per acre with a \$35.00 minimum.
5. Maintenance assessments for platted lots within a subdivision whose drainage system will be part of the regulated drain shall be set at \$65.00 per lot with a \$65.00 minimum. Common areas within regulated drain subdivisions shall be set at \$10.00 per acre with a \$65.00 minimum.
6. Maintenance assessment for roads and streets be set at \$10.00 per acre.

The annual maintenance collection for this drain will be \$5,902.92.

The period of collection shall be eight years as per IC 36-9-27-43. This was established by the Board per my report dated January 14, 2009. The hearing was held on April 27, 2009. (See Hamilton County Drainage Board Minutes Book 12, Pages 12-13).

At this time several drains have been collapsed into the Taylor Creek Drain for maintenance. These are the Fred Seeright, Jacob Blasser, Sylvester Gwinn, Jesse DeVaney Arm 6, and the Mallot-Carson Drains. The dates for these drains being added to the Taylor Creek Drain are as follows:

DRAIN	REPORT	HEARING	MINUTES
Fred Seeright	Feb. 8, 2011	April 25, 2011	Book 13, Pages 360-361
Jacob Blasser	Jan. 4, 2011	March 28, 2011	Book 13, Pages 321-325 Pages 354-358
Sylvester Gwinn	March 1, 2011	June 27, 2011	Book 13, Pages 440-441
Jesse DeVaney Arm 6	Feb. 8, 2011	April 25, 2011	Book 13, Pages 361-362
Mallott-Carson	Jan. 10, 2011	March 28, 2011	Book 13, Pages 325-327 Pages 358-359

The total annual maintenance assessment for the Taylor Creek Drain currently is \$18,551.80. With the Jesse DeVaney Arm added the total annual maintenance assessment will be \$24, 454.72.

This drain may be assessed for maintenance for the Little Cicero Creek Drain at some time in the future.

This drain was part of the Little Cicero Creek Watershed Management Plan completed by J.F. New & Associates and Schneider Corporation. The date of the study is February 1, 2007. The plan was funded by a 319 Grant through IDEM. Taylor Creek is the largest sub-watershed for Little Cicero Creek. Per the report on pages 68-69 Taylor Creek contained better water quality than most of the other tributaries with temperature, DO, TSS and PH all meeting recommended standards. However, pollutants of concern were E.Coli, Fecal coliform, Nitrate-Nitrogen and Phosphorus. Taylor Creek was not specifically identified in the report under final goals and objectives. The report refers to these items in general terms for the entire watershed from page 87 to 115 in the report.

Taylor Creek is listed in the NPDES Phase II General Permit Application Storm Water Quality Management Plan Part C: Program Implementation Report on page 4 as an MS4 Area Receiving Stream.

The Taylor Creek Drain, which is listed in the NPDES Phase II General Permit Application, Storm Water Quality Management Plan Part B: Baseline Characterization Report on the following pages:

Page 4 as an MS4 Area receiving stream

Page 6 as #05120201080090 Watershed within an MS4 Area

Page 14 as being in the IDEM 305 (b) Report as being fully supportive of aquatic life and full body contact

Page 16 as not being substantially impacted by storm water discharge from MS4 areas.

Page 31 as a priority stream

Page 50 as a priority stream

This drain is listed on the 2008 303(d) list of impaired waters for Indiana for E.Coli. This drain is also in the drainage shed for the Little Cicero Creek which is also listed due to E.Coli.

Per my 2011 Drain Classification dated February 15, 2011, this drain is listed on page 3 as a drain which needs to be extended at some time in the future from its current terminus at DeVaney Road north and east to Little Cicero Creek.

Upon review of the FEMA FIRM's for Hamilton County which became effective February 19, 2003 it was found that Taylor Creek has no Flood Plain indicated. This is shown on map number 18057C0045F and 18057C0050F

I recommend that the Board set a hearing for this proposed maintenance for January 23, 2012.

Sincerely,



Kenton C Ward, CFM
Hamilton County Surveyor

KCW/pll

Taylor Creek #352

Jesse DeVaney Arm

Placing on maintenance parcels west of DeVaney Rd.

Collection period 8 times the annual assessment.

Hearing: January 23, 2012

Parcel	Owner	Description	Rate	Acres Ben this section	Mnt Asmt this section	% of Asmt
03-02-21-00-00-001.001	Baldwin, Bret A & Cynthia A	S21 T20 R4 3.73AC	Residential/Ag	0.05	\$0.26	0.01%
03-02-21-00-00-001.000	Baldwin, Martha	S21 T20 R4 76.27AC	Residential/Ag	29.95	\$149.76	2.54%
03-02-20-00-00-014.000	Baldwin, Martha A & Marion	S20 T20 R4 24.00AC	Residential/Ag	24.00	\$120.00	2.03%
03-02-21-00-00-003.000	Beck Family Limited Partnership	S21 T20 R4 40.00AC	Residential/Ag	40.00	\$200.00	3.39%
03-02-21-00-00-013.000	Beck Family Limited Partnership	S21 T20 R4 80.00AC	Residential/Ag	47.00	\$235.00	3.98%
03-02-17-00-00-020.000	Beck Family Limited Partnership	S17 T20 R4 1.03AC	Residential/Ag	0.48	\$15.00	0.25%
03-02-17-00-00-022.000	Beck Family Limited Partnership	S17 T20 R4 30.60AC	Residential/Ag	4.32	\$21.60	0.37%
03-02-21-00-00-010.000	Beck Family LP	S21 T20 R4 40.00AC	Residential/Ag	11.00	\$55.00	0.93%
03-02-20-00-00-006.000	Becks Superior Hybrids Inc	S20 T20 R4 35.10AC	Residential/Ag	34.10	\$170.50	2.89%
03-02-20-00-00-007.000	Becks Superior Hybrids Inc	S20 T20 R4 43.35AC	Residential/Ag	43.35	\$216.76	3.67%
03-02-20-00-00-018.000	Becks Superior Hybrids Inc	S20 T20 R4 108.12AC	Residential/Ag	69.73	\$348.64	5.91%
03-02-20-00-00-019.000	Becks Superior Hybrids Inc	S20 T20 R4 50.74AC	Residential/Ag	9.86	\$49.30	0.84%
03-02-20-00-00-022.001	Becks Superior Hybrids Inc	S20 T20 R4 18.85AC	Residential/Ag	2.85	\$14.26	0.24%
03-02-21-00-00-002.000	Becks Superior Hybrids Inc	S21 T20 R4 40.00AC	Residential/Ag	39.00	\$185.00	3.13%
03-02-21-00-00-005.000	Becks Superior Hybrids Inc	S21 T20 R4 20.00AC	Residential/Ag	2.00	\$10.00	0.17%
03-02-21-00-00-014.000	Becks Superior Hybrids Inc	S21 T20 R4 78.14AC	Residential/Ag	78.14	\$390.70	6.62%
03-02-21-00-00-016.000	Becks Superior Hybrids Inc	S21 T20 R4 40.00AC	Residential/Ag	40.00	\$200.00	3.39%
03-02-28-00-00-003.000	Becks Superior Hybrids Inc	S28 T20 R4 80.00AC	Residential/Ag	0.50	\$2.50	0.04%
03-02-29-00-00-004.000	Blasser Farm LLC	S29 T20 R4 77.00AC	Residential/Ag	55.58	\$277.90	4.71%
03-02-29-00-00-013.000	Blasser Farm LLC	S29 T20 R4 29.00AC	Residential/Ag	4.00	\$20.00	0.34%
03-02-29-00-00-005.311	Brown, Jerry Layne	S29 T20 R4 63.05AC	Residential/Ag	63.05	\$315.26	5.34%
03-02-21-00-00-006.000	Carter, Shirley Trustee	S21 T20 R4 16.60AC	Residential/Ag	0.60	\$3.00	0.05%
03-02-21-00-00-007.000	Carter, William L & Shirley A Trustees of Carter Famil	S21 T20 R4 19.08AC	Residential/Ag	4.23	\$21.14	0.36%
03-02-20-00-00-017.000	Chamness, John C & Barbara E	S20 T20 R4 76.52AC	Residential/Ag	76.52	\$382.60	6.48%
03-02-20-00-00-024.102	Cherry, Dewaine R & Roseanne	S20 T20 R4 13.20AC	Residential/Ag	4.20	\$21.00	0.36%
03-02-29-00-00-002.000	Clark, Mary Josephine Revocable Trust	S29 T20 R4 53.50AC	Residential/Ag	19.50	\$97.50	1.65%
03-02-20-00-00-011.000	Crop Production Services Inc	S20 T20 R4 12.19AC	Commercial	6.40	\$46.90	0.79%
03-02-20-00-00-024.002	Cunningham, Steven C & Lisa A	S20 T20 R4 12.28AC	Residential/Ag	4.28	\$21.40	0.36%
03-02-28-00-00-002.001	Demunbrun, Thomas H	S28 T20 R4 4.88AC	Residential/Ag	4.88	\$24.40	0.41%
03-02-28-00-00-002.002	Demunbrun, Thomas H	S28 T20 R4 2.24AC	Residential/Ag	2.24	\$15.00	0.25%
03-02-21-00-00-015.000	Dodson, Michael K & Jeanann Pock Dodson h&w	S21 T20 R4 80.00AC	Residential/Ag	80.00	\$400.00	6.78%
03-02-20-00-00-015.000	Ellis, James B & Pamela K	S20 T20 R4 11.97AC	Residential/Ag	11.97	\$59.86	1.01%
03-02-20-00-00-012.000	Folger, Carol	S20 T20 R4 12.00AC	Residential/Ag	10.00	\$45.00	0.76%
03-02-20-00-00-013.000	Folger, Carol	S20 T20 R4 12.00AC	Residential/Ag	12.00	\$60.00	1.02%
03-02-28-00-00-001.000	Gwinn, Orella with LE & Micah Gwinn	S28 T20 R4 12.00AC	Residential/Ag	70.00	\$350.00	5.93%
99-99-99-99-99-999.001	Hamilton County Highway Department	S256th, 266th, Salem, Cal	Road	44.04	\$440.40	7.46%
03-02-29-00-00-005.000	Hawkins, Eric & Debra	S29 T20 R4 1.00AC	Residential/Ag	1.00	\$15.00	0.25%
03-02-29-00-00-006.000	Hawkins, Eric & Debra	S29 T20 R4 0.84AC	Residential/Ag	0.84	\$15.00	0.25%
03-02-17-00-00-015.000	Lawson, June L	S17 T20 R4 43.04AC	Residential/Ag	0.75	\$3.76	0.06%
03-02-29-00-00-005.001	Mann, Bradley S	S29 T20 R4 0.90AC	Residential/Ag	0.90	\$15.00	0.25%
03-02-29-00-00-005.401	Mann, Bradley S	S29 T20 R4 1.19AC	Residential/Ag	1.19	\$15.00	0.25%
03-02-20-00-00-024.000	Morgan, Jeffery R	S20 T20 R4 14.93AC	Residential/Ag	2.30	\$11.50	0.19%
03-02-20-00-00-024.003	Morgan, Jeffrey R & Sharon L	S20 T20 R4 3.00AC	Residential/Ag	2.85	\$0.00	n/a

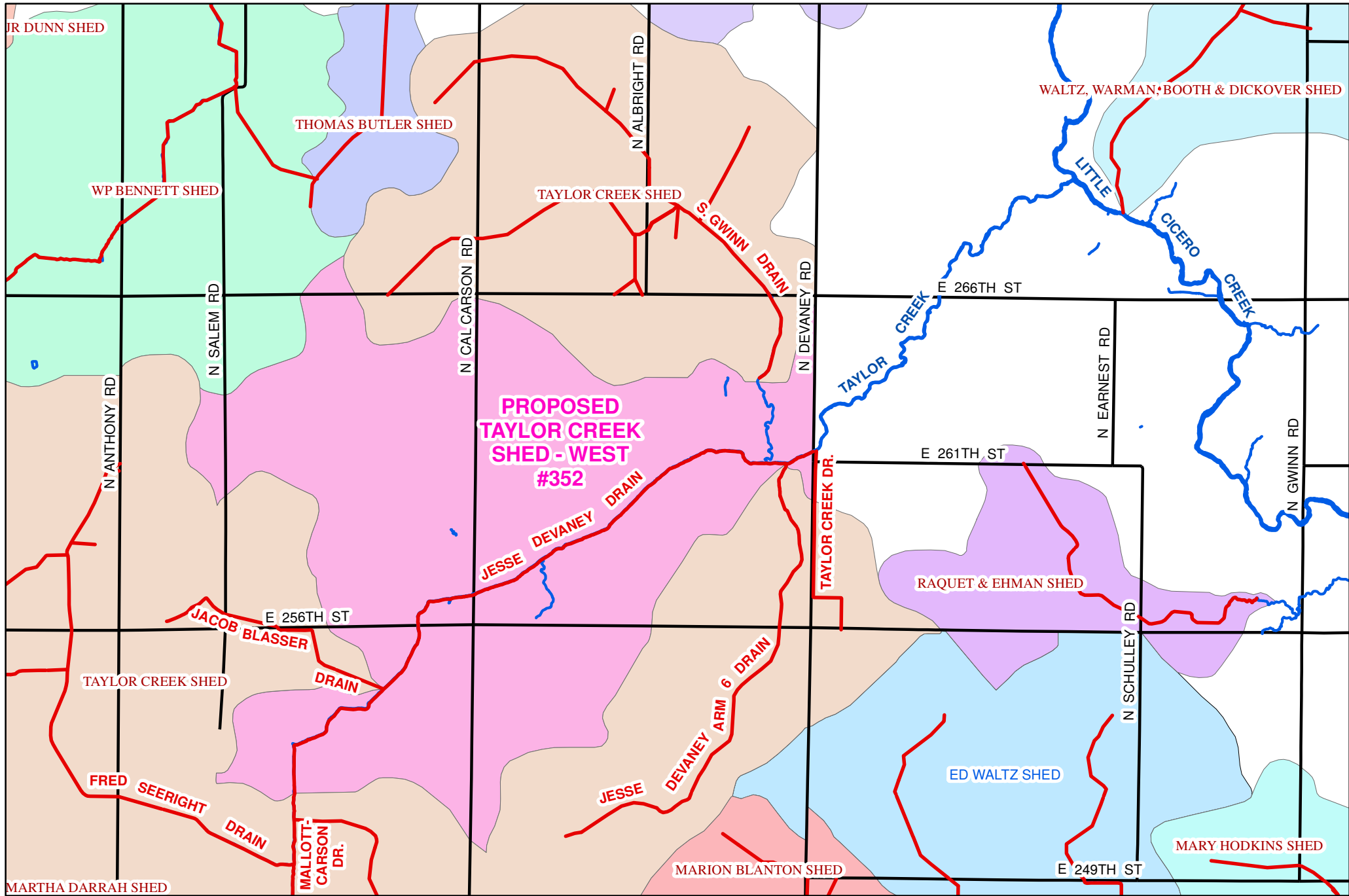
Parcel	Owner	Description	Rate	Acres Ben this section	Mnt Asmt this section	% of Asmt
03-02-20-00-00-015.001	Morphew, Barry & Susanne	S20 T20 R4 3.00Ac	Residential/Ag	3.00	\$15.00	0.25%
03-02-20-00-00-016.000	Morphew, Barry L & Suzanne	S20 T20 R4 10.00Ac	Residential/Ag	10.00	\$50.00	0.85%
03-02-21-00-00-007.001	Mosbaugh, Anthony A	S21 T20 R4 4.64Ac	Residential/Ag	1.99	\$8.20	0.14%
03-02-20-00-00-005.000	P & N Farms Inc	S20 T20 R4 36.00Ac	Residential/Ag	4.25	\$21.26	0.36%
03-02-20-00-00-008.000	P & N Farms Inc	S20 T20 R4 23.66Ac	Residential/Ag	21.66	\$108.30	1.83%
03-02-20-00-00-009.000	P & N Farms Inc	S20 T20 R4 16.50Ac	Residential/Ag	10.50	\$52.50	0.89%
03-02-21-00-00-014.001	Pickering, Brian D & Delonna Jo	S21 T20 R4 1.86Ac	Residential/Ag	1.86	\$15.00	0.25%
03-02-28-00-00-002.003	Reeves, Pamela Jane	S28 T20 R4 2.32Ac	Residential/Ag	2.32	\$15.00	0.25%
03-02-28-00-00-002.004	Reeves, Pamela Jane	S28 T20 R4 2.61Ac	Residential/Ag	2.61	\$15.00	0.25%
03-02-29-00-00-005.101	Robbins, Joseph E	S29 T20 R4 2.00Ac	Residential/Ag	2.00	\$15.00	0.25%
03-02-29-00-00-005.201	Robbins, Joseph E	S29 T20 R4 6.52Ac	Residential/Ag	6.52	\$32.60	0.55%
03-02-29-00-00-005.301	Swindell, Susan L & Christy Jt/Rs	S29 T20 R4 10.00Ac	Residential/Ag	8.00	\$35.00	0.59%
03-02-29-00-00-003.000	Taylor Cemetery, Hamilton Co. Cemetary Commission	S29 T20 R4 1.00Ac	Residential/Ag	1.00	\$15.00	0.25%
03-02-21-00-00-009.001	Thomas, Mark A & Lori J	S21 T20 R4 1.49Ac	Residential/Ag	0.99	\$0.00	n/a
03-02-28-00-00-002.000	Thomas, Robert N 50% & Tammy A Thomas 50% T/c	S28 T20 R4 67.38Ac	Residential/Ag	37.38	\$186.90	3.17%
03-02-28-00-00-014.000	Thompson, Leland K & Kathleen CoTrustees of Leland K &	S28 T20 R4 72.14Ac	Residential/Ag	8.00	\$40.00	0.68%
03-02-29-00-00-007.000	Thompson, Leland K & Kathleen CoTrustees of Leland K &	S29 T20 R4 69.19Ac	Residential/Ag	5.84	\$29.20	0.49%
03-02-29-00-01-001.000	Wallace, G Thomas & Lynn M	S29 T20 R4 Thompson Estates Lot 1	Residential/Ag	0.16	\$0.80	0.01%
03-02-21-00-00-009.000	Witham, Vance E Jr & Janice	S21 T20 R4 37.45Ac	Residential/Ag	36.95	\$172.26	2.92%
03-02-21-00-00-008.000	Witham, Vance E Jr & Janice R Trustees	S21 T20 R4 1.00Ac	Residential/Ag	1.00	\$15.00	0.25%
03-02-29-00-00-004.001	Zarins, Bonita L & Visvaldis J	S29 T20 R4 3.00Ac	Residential/Ag	0.42	\$0.00	n/a
Parcels: 64				1126.10	\$5,902.92	100.00%

PROPOSED TAYLOR CREEK SHED - WEST #352 ROADS

ROAD RIGHTS-OF-WAY	ACRES	X3
Hamilton County Highway Roads	14.68	44.04

Hamilton County Highway Roads	Acres	X3
256th St	3.95	11.85
266th St	0.59	1.77
Salem Rd	1.38	4.14
Cal Carson Rd	6.29	18.87
Devaney Rd	2.47	7.41
Total	14.68	44.04

PROPOSED TAYLOR CREEK SHED - WEST #352



9-1-2011