

Footnotes - 2011 CLINTON RIVER SPILLWAY DRAIN APPORTIONMENT SCHEDULE

- 1 Equivalent Acreage was initially calculated by Land Use designations and the following factors established in 1990:
 - Active Agriculture 0.200
 - Commercial and Office 0.800
 - Cultural, Outdoor Recreation, and Cemetery 0.200
 - Grassland and Shrub 0.200
 - Institutional 0.800
 - Under Development 0.200
 - Woodland and Wetland 0.200
 - Industrial 0.800
 - Multiple Family Residential 0.600
 - Transportation, Communication and Utility 0.200
 - Extractive and Barren 0.200
- 2 State of Michigan Apportionment is traditionally designated (Since 1959) at 3% for State Lands primarily including highways.
- 3 A 10% Macomb Flood Benefit Factor (established in 1990) was applied by adding 10% to Macomb County and dividing Macomb County corporations proportionately by equivalent acreage in Macomb County and dividing the remaining 87% (10% Macomb County Flood Benefit and 3% State of Michigan) proportionately by equivalent acreage in all communities.
- 4 By agreement established in 1990 the following equivalent acreage adjustments are made:
 - Oakland County 8.2
 - Macomb County 1093.1
 - Lapeer County -655.5
 - St. Clair County -445.8
- 5 Water runoff coefficient is used as the approximated raw average runoff for the district at $C_{\text{water}} = 0.412$
- 6 Road Right of Way is designated as the design runoff factor by road RCMC road classifications where:
 - Road Class A 0.375
 - Road Class B 0.765
 - Road Class C 0.626
 - Road Class D 0.397
- 7 Residential Coefficients are estimated as:
 - Single Family Residential - Rural 0.361
 - Single Family Residential - Dense 0.532
- 8 Village Equivalent Acreage is shown for informational purposes only

Runoff Class	Runoff coefficient	Base		
Road Class A	0.375	0.375		
Road Class B	0.765	0.765		
Road Class C	0.626	0.626		
Road Class D	0.397	0.397		
Active Agriculture	0.200	0.250		
Commercial and Office	0.800	0.800		
Cultural, Outdoor Recreation, and Cemetary	0.200	0.200		
Grassland and Shrub	0.200	0.200		
Institutional	0.800	0.800		
Single Family Residential	0.450	0.450	0.532	0.361 <----- Not In Use Any More
Under Development	0.200	0.200		
Woodland and Wetland	0.200	0.250		
Industrial	0.800	0.800		
Multiple Family Residential	0.600	0.635		
Transportation, Communication and Utility	0.200	0.200		
Water	0.412	0.000		
Extractive and Barren	0.200	0.200		
Single Family Residential - Rural	0.361	0.361		
Single Family Residential - Dense	0.532	0.532		

Owner	Proposed 2010	1990	Change		With Macomb	With Adjustment
	Apportionment				County Flood	
	1990 Terms	Apportionment			Benefit Factor	
State Of Michigan	3.0000%	3.0000%	0.000%	0%	3.0000%	3.0000%
St. Claire County	0.0477%	0.1157%	-0.068%	-59%	0.0428%	0.0313%
Berlin Twp	0.8656%	0.2013%	0.664%	330%	0.7766%	0.5675%
<i>St. Clair County Total</i>	0.9133%	0.3170%	0.596%	188%	0.8194%	0.5988%
Oakland County	5.9570%	3.7689%	2.188%	58%	5.3447%	5.3452%
Charter Township Of Bloomfield	0.0484%	0.0198%	0.029%	144%	0.0434%	0.0434%
Charter Township Of Brandon	1.0415%	0.5925%	0.449%	76%	0.9345%	0.9345%
Charter Township Of Independence	3.1508%	2.1330%	1.018%	48%	2.8270%	2.8273%
Charter Township Of Oakland	2.7491%	2.1330%	0.616%	29%	2.4665%	2.4668%
Charter Township Of Orion	3.1647%	2.1330%	1.032%	48%	2.8395%	2.8397%
Charter Township Of Oxford	1.8464%	1.3332%	0.513%	38%	1.6567%	1.6568%
Charter Township Of Royal Oak	0.0739%	0.1385%	-0.065%	-47%	0.0663%	0.0663%
Charter Township Of Springfield	0.9133%	0.8295%	0.084%	10%	0.8195%	0.8195%
Charter Township Of Waterford	3.8575%	4.4319%	-0.574%	-13%	3.4610%	3.4614%
Charter Township Of West Bloomfield	0.6724%	0.5370%	0.135%	25%	0.6033%	0.6033%
Charter Township Of White Lake	0.1048%	0.1777%	-0.073%	-41%	0.0940%	0.0940%
City Of Auburn Hills	2.0747%	2.0368%	0.038%	2%	1.8615%	1.8616%
City Of Berkley	0.4618%	0.3821%	0.080%	21%	0.4143%	0.4144%
City Of Birmingham	0.3658%	0.3022%	0.064%	21%	0.3282%	0.3282%
City Of Clawson	0.4196%	0.4407%	-0.021%	-5%	0.3765%	0.3765%
City Of Ferndale	0.7227%	0.5933%	0.129%	22%	0.6484%	0.6485%
City Of Hazel Park	0.4824%	0.4255%	0.057%	13%	0.4328%	0.4329%
City Of Huntington Woods	0.2289%	0.1813%	0.048%	26%	0.2054%	0.2054%
City Of Keego Harbor	0.0904%	0.0897%	0.001%	1%	0.0811%	0.0811%
City Of Lake Angelus	0.1702%	0.0532%	0.117%	220%	0.1527%	0.1527%
City Of Lathrup Village	0.0000%		0.000%		0.0000%	0.0000%
City Of Madison Heights	1.2826%	1.3849%	-0.102%	-7%	1.1507%	1.1508%
City Of Oak Park	0.8412%	0.7507%	0.090%	12%	0.7547%	0.7548%
City Of Orchard Lake Village	0.3403%	0.0602%	0.280%	465%	0.3053%	0.3053%
City Of Pleasant Ridge	0.0952%	0.1008%	-0.006%	-6%	0.0854%	0.0854%
City Of Pontiac	3.1379%	3.6994%	-0.561%	-15%	2.8154%	2.8157%
City Of Rochester	0.6134%	0.7554%	-0.142%	-19%	0.5503%	0.5504%
City Of Rochester Hills	4.0345%	3.7804%	0.254%	7%	3.6198%	3.6202%
City Of Royal Oak	2.0497%	2.2348%	-0.185%	-8%	1.8390%	1.8392%
City Of Southfield	0.4477%	0.5225%	-0.075%	-14%	0.4017%	0.4018%
City Of Sylvan Lake	0.1343%	0.0856%	0.049%	57%	0.1205%	0.1205%
City Of Troy	4.6354%	5.6532%	-1.018%	-18%	4.1590%	4.1594%
City Of Village of Clarkston	0.0779%		0.078%		0.0699%	0.0699%
Township Of Addison	2.4344%	1.9552%	0.479%	25%	2.1842%	2.1844%
Township Of Groveland	0.0014%	0.0889%	-0.087%	-98%	0.0013%	0.0013%
Village Of Beverly Hills	0.0648%		0.065%		0.0582%	0.0582%
Village Of Lake Orion	0.1880%		0.188%		0.1687%	0.1687%
Village Of Leonard	0.0749%		0.075%		0.0672%	0.0672%
Village Of Oxford	0.2348%		0.235%		0.2107%	0.2107%
Township of Southfield		0.0489%				
<i>Oakland County Total</i>	49.2845%	43.8537%	5.431%	12%	44.2193%	44.2233%
Owner	Pro Rata Share	Original Apportionment	Change			
Macomb County	5.6490%	2.7407%	2.908%	106%	5.8321%	5.8946%
ARMADA	0.0995%		0.099%		0.1027%	0.1038%
ARMADA TWP	2.4907%	2.5159%	-0.025%	-1%	2.5714%	2.5990%
BRUCE TWP	3.6339%	2.5159%	1.118%	44%	3.7517%	3.7919%
CENTERLINE	0.3532%	0.3564%	-0.003%	-1%	0.3646%	0.3685%
CHESTERFIELD TWP	0.2316%	0.2795%	-0.048%	-17%	0.2392%	0.2417%
CLINTON TWP	2.5335%	4.0744%	-1.541%	-38%	2.6156%	2.6437%
EASTPOINTE	0.0000%		0.000%		0.0000%	0.0000%
FRASER	0.7541%	0.9504%	-0.196%	-21%	0.7786%	0.7869%
HARRISON TWP	0.1288%	1.6989%	-1.570%	-92%	1.1125%	1.1244%
LENOX TWP	1.2470%	1.2579%	-0.011%	-1%	1.2874%	1.3012%
MACOMB TWP	2.8861%	2.4810%	0.405%	16%	2.9796%	3.0116%
MOUNT CLEMENS	0.7416%	4.0099%	-3.268%	-82%	3.6561%	3.6954%
RAY TWP	2.5737%	2.5159%	0.058%	2%	2.6571%	2.6856%
RICHMOND TWP	1.0631%	1.0483%	0.015%	1%	1.0975%	1.1093%
ROMEO	0.3355%		0.336%		0.3464%	0.3501%
ROSEVILLE	0.5712%	1.1584%	-0.587%	-51%	0.5897%	0.5960%
SHELBY TWP	4.0189%	5.3044%	-1.286%	-24%	4.1491%	4.1936%
STERLING HGTS	6.1697%	8.4947%	-2.325%	-27%	6.3697%	6.4380%
UTICA	0.2852%	0.4158%	-0.131%	-31%	0.2944%	0.2976%
WARREN	6.3253%	8.0789%	-1.754%	-22%	6.5303%	6.6003%
WASHINGTON TWP	3.0262%	2.5159%	0.510%	20%	3.1243%	3.1578%
<i>Macomb County Total</i>	45.1179%	52.4132%	-7.295%	-14%	50.4501%	50.9911%
Lapeer County	0.0717%	0.0386%	0.033%	86%	0.0643%	0.0505%
Township of Almont	1.2511%	0.3648%	0.886%	243%	1.1225%	0.8815%
Village of Almont	0.2166%				0.1943%	0.1526%
Township of Dryden	0.1450%	0.0127%	0.132%	1042%	0.1301%	0.1022%
<i>Lapeer County Total</i>	1.6843%	0.4161%	1.268%	305%	1.5112%	1.1868%
<i>Watershed Total</i>	100.0000%	100.0000%	0.000%	0.000%	100.0000%	100.0000%

\$ 100,000.00

SCHEDULE of APPORTIONMENT

Owner	Equivalent Area		
State Of Michigan	3.0000%	\$	3,000.00
St. Claire County	0.0313%	\$	31.30
Berlin Twp	0.5675%	\$	567.50
St. Clair County Total	0.5988%	\$	598.80
Oakland County	5.3452%	\$	5,345.20
Charter Township Of Bloomfield	0.0434%	\$	43.40
Charter Township Of Brandon	0.9345%	\$	934.50
Charter Township Of Oakland	2.4668%	\$	2,466.80
Charter Township Of Royal Oak	0.0663%	\$	66.30
Charter Township Of Springfield	0.8195%	\$	819.50
Charter Township Of Waterford	3.4614%	\$	3,461.40
Charter Township Of West Bloomfield	0.6033%	\$	603.30
Charter Township Of White Lake	0.0940%	\$	94.00
City Of Auburn Hills	1.8616%	\$	1,861.60
City Of Berkley	0.4144%	\$	414.40
City Of Birmingham	0.3282%	\$	328.20
City Of Clawson	0.3765%	\$	376.50
City Of Ferndale	0.6485%	\$	648.50
City Of Hazel Park	0.4329%	\$	432.90
City Of Huntington Woods	0.2054%	\$	205.40
City Of Keego Harbor	0.0811%	\$	81.10
City Of Lake Angelus	0.1527%	\$	152.70
City Of Madison Heights	1.1508%	\$	1,150.80
City Of Oak Park	0.7548%	\$	754.80
City Of Orchard Lake Village	0.3053%	\$	305.30
City Of Pleasant Ridge	0.0854%	\$	85.40
City Of Pontiac	2.8157%	\$	2,815.70
City Of Rochester	0.5504%	\$	550.40
City Of Rochester Hills	3.6202%	\$	3,620.20
City Of Royal Oak	1.8392%	\$	1,839.20
City Of Southfield	0.4018%	\$	401.80
City Of Sylvan Lake	0.1205%	\$	120.50
City Of Troy	4.1594%	\$	4,159.40
Township Of Groveland	0.0013%	\$	1.30
VT's of Addison	2.2516%	\$	2,251.60
City Of Village of Clarkston	0.0699%	\$	69.90
Charter Township Of Independence	2.8273%	\$	2,827.30
VT's of Orion	3.0084%	\$	3,008.40
VT's of Southfield	0.0582%	\$	58.20

VT's of Oxford	1.8675%	\$	1,867.50
Oakland County Total	44.2234%	\$	44,223.40
Macomb County	5.8946%	\$	5,894.60
CENTERLINE	0.3685%	\$	368.50
CHESTERFIELD TWP	0.2417%	\$	241.70
CLINTON TWP	2.6437%	\$	2,643.70
FRASER	0.7869%	\$	786.90
HARRISON TWP	1.1244%	\$	1,124.40
LENOX TWP	1.3012%	\$	1,301.20
MACOMB TWP	3.0116%	\$	3,011.60
MOUNT CLEMENS	3.6954%	\$	3,695.40
RAY TWP	2.6856%	\$	2,685.60
RICHMOND TWP	1.1093%	\$	1,109.30
ROSEVILLE	0.5960%	\$	596.00
SHELBY TWP	4.1936%	\$	4,193.60
STERLING HGTS	6.4380%	\$	6,438.00
UTICA	0.2976%	\$	297.60
WARREN	6.6003%	\$	6,600.30
WASHINGTON TWP	3.1578%	\$	3,157.80
VT's of Bruce	4.1420%	\$	4,142.00
VT's of Armada	2.7028%	\$	2,702.80
Macomb County Total	50.9910%	\$	50,991.00
Lapeer County	0.0505%	\$	50.50
Township of Dryden	0.1022%	\$	102.20
VT's of Almont	1.0341%	\$	1,034.10
Lapeer County Total	1.1868%	\$	1,186.80
Watershed Total	100.0000%	\$	100,000.00

City Of Troy	Grassland and Shrub	0.2	83.333227900	165.683606	165.683606
City Of Troy	Industrial	0.8	1517.805451300	120.284515	120.284515
City Of Troy	Multiple Family Residential	0.2	495.165848000	296.11548000	296.11548000
City Of Troy	Road Class B	0.360	2504.862630000	193.779429	193.779429
City Of Troy	Single Family Residential - Rural	0.320	606.981713000	322.19073200	322.19073200
City Of Troy	Single Family Residential - Rural	0.361	764.996617000	275.078129	275.078129
City Of Troy	Transportation, Communication and Utility	0.2	1053.846070000	203.694021	203.694021
City Of Troy	Water	0.2	97.181911000	97.18191100	97.18191100
City Of Troy	Woodland and Wetland	0.2	511.097547000	301.439115	301.439115
City Of Village of Clarkson	Commercial and Office	0.8	11.313270000	11.31327000	11.31327000
City Of Village of Clarkson	Cultural, Outdoor Recreation, and Cemetery	0.2	2.077617081	0.45151242	0.45151242
City Of Village of Clarkson	Multiple Family Residential	0.4	7.738032000	6.64332000	6.64332000
City Of Village of Clarkson	Road Class B	0.760	146.046817000	26.36454585	26.36454585
City Of Village of Clarkson	Single Family Residential - Rural	0.530	116.503331000	65.18333100	65.18333100
City Of Village of Clarkson	Transportation, Communication and Utility	0.2	1.438699190	1.46661719	1.46661719
City Of Village of Clarkson	Water	0.412	5.446883240	22.3300249	22.3300249
City Of Village of Clarkson	Woodland and Wetland	0.2	6.870948000	6.87094800	6.87094800
Township of Addison	Active Agriculture	0.2	202.532000000	46.508842	46.508842
Township of Addison	Commercial and Office	0.8	46.727220000	46.72722000	46.72722000
Township of Addison	Cultural, Outdoor Recreation, and Cemetery	0.2	51.242720000	36.48935748	36.48935748
Township of Addison	Extractive and Barren	0.2	127.480037100	25.49002740	25.49002740
Township of Addison	Grassland and Shrub	0.2	89.64731857000	78.3470437	78.3470437
Township of Addison	Industrial	0.2	19.842892000	19.84289200	19.84289200
Township of Addison	Single Family Residential - Rural	0.361	436.164960000	158.763014	158.763014
Township of Addison	Transportation, Communication and Utility	0.2	18.120000000	18.12000000	18.12000000
Township of Addison	Water	0.412	83.207083000	34.144899	34.144899
Township of Addison	Woodland and Wetland	0.2	148.8127000	148.812700	148.812700
Township of Groveland	Active Agriculture	0.2	4.351287886	0.87021758	0.87021758
Township of Groveland	Commercial and Office	0.8	1.180618000	1.18061800	1.18061800
Township of Groveland	Single Family Residential - Rural	0.361	5.046790549	1.82387616	1.82387616
Township of Groveland	Water	0.2	4.202154310	4.20215431	4.20215431
Village of Beverly Hills	Cultural, Outdoor Recreation, and Cemetery	0.2	0.6371278467	0.11314539	0.11314539
Village of Beverly Hills	Industrial	0.2	11.751700000	11.75170000	11.75170000
Village of Beverly Hills	Single Family Residential - Rural	0.530	131.931291000	70.9102082	70.9102082
Village of Beverly Hills	Transportation, Communication and Utility	0.2	20.386443180	4.07923883	4.07923883
Village of Lake Orion	Commercial and Office	0.8	14.573861180	14.57386118	14.57386118
Village of Lake Orion	Cultural, Outdoor Recreation, and Cemetery	0.2	39.838294291	14.97027269	14.97027269
Village of Lake Orion	Extractive and Barren	0.2	46.063517140	4.113771614	4.113771614
Village of Lake Orion	Multiple Family Residential	0.6	5.7770784504	3.46608887	3.46608887
Village of Lake Orion	Road Class B	0.360	61.546076000	31.54607600	31.54607600
Village of Lake Orion	Single Family Residential - Rural	0.530	115.188191200	61.53087473	61.53087473
Village of Lake Orion	Transportation, Communication and Utility	0.2	122.283900000	44.28390000	44.28390000
Village of Lake Orion	Water	0.2	4.3988513090	4.79660214	4.79660214
Village of Lake Orion	Woodland and Wetland	0.412	301.358230000	139.084415	139.084415
Village of Leonard	Active Agriculture	0.2	18.200495480	33.4488891	33.4488891
Village of Leonard	Commercial and Office	0.8	2.720027000	2.72002700	2.72002700
Village of Leonard	Grassland and Shrub	0.2	101.291824800	20.24971684	20.24971684
Village of Leonard	Industrial	0.8	4.760686600	4.76068660	4.76068660
Village of Leonard	Road Class D	0.2	39.751677240	30.5142703	30.5142703
Village of Leonard	Single Family Residential - Rural	0.361	167.203192000	84.2929292	84.2929292
Village of Leonard	Transportation, Communication and Utility	0.2	15.564417120	23.6668778	23.6668778
Village of Leonard	Water	0.2	18.120000000	1.82387616	1.82387616
Village of Leonard	Woodland and Wetland	0.2	18.200495480	34.4032029	34.4032029
Village of Odenton	Commercial and Office	0.8	49.327220000	39.4637796	39.4637796
Village of Odenton	Cultural, Outdoor Recreation, and Cemetery	0.2	44.759663200	8.91593266	8.91593266
Village of Odenton	Grassland and Shrub	0.2	7.0548817900	14.2039632	14.2039632
Village of Odenton	Industrial	0.8	15.252465780	8.17970587	8.17970587
Village of Odenton	Multiple Family Residential	0.6	105.981831000	95.70304849	95.70304849
Village of Odenton	Road Class B	0.530	303.402400000	161.408475	161.408475
Village of Odenton	Single Family Residential - Rural	0.530	161.408475000	7.228381750	7.228381750
Village of Odenton	Transportation, Communication and Utility	0.412	141.628881800	58.151236	58.151236
Village of Odenton	Woodland and Wetland	0.2	61.362506120	67.0254213	67.0254213
Macomb County	Road Class B	0.760	1258.418800000	302.428802	302.428802
Macomb County	Road Class D	0.361	111.736800000	121.73680000	121.73680000
Macomb County	Active Agriculture	0.2	9.102000000	9.10200000	9.10200000
Macomb County	Commercial and Office	0.8	12.500000000	12.50000000	12.50000000
Macomb County	Grassland and Shrub	0.2	15.781820000	10.1584762	10.1584762
Macomb County	Industrial	0.8	25.000000000	24.00000000	24.00000000
Macomb County	Institutional	0.8	39.999911500	39.99991150	39.99991150
Macomb County	Multiple Family Residential	0.6	2.654777000	14.72000000	14.72000000
Macomb County	Road Class C	0.361	200.0000000	21.80000000	21.80000000
Macomb County	Single Family Residential - Rural	0.530	99.719448000	13.0500780	13.0500780
Macomb County	Transportation, Communication and Utility	0.2	16.000000000	31.62927100	31.62927100
Macomb County	Water	0.2	15.120000000	4.63000000	4.63000000
Macomb County	Woodland and Wetland	0.2	3050.3444200	3050.344420	3050.344420
Macomb County	Commercial and Office	0.8	10.027794780	40.027795	40.027795
Macomb County	Cultural, Outdoor Recreation, and Cemetery	0.2	18.200495480	6.60000000	6.60000000
Macomb County	Grassland and Shrub	0.2	117.070240000	23.4552949	23.4552949
Macomb County	Industrial	0.8	19.762300000	19.76230000	19.76230000
Macomb County	Institutional	0.8	46.351685800	46.35168580	46.35168580
Macomb County	Multiple Family Residential	0.6	5.631076641	3.3715642	3.3715642
Macomb County	Single Family Residential - Rural	0.361	290.671818000	307.6811786	307.6811786
Macomb County	Transportation, Communication and Utility	0.2	47.989042400	9.57888848	9.57888848
Macomb County	Water	0.2	18.200495480	5.796815700	5.796815700
Macomb County	Woodland and Wetland	0.412	137.12862000	11.934743	11.934743
Macomb County	Active Agriculture	0.2	87.911815000	17.9247843	17.9247843
Macomb County	Cultural, Outdoor Recreation, and Cemetery	0.2	19.762300000	16.2078848	16.2078848
Macomb County	Grassland and Shrub	0.2	49.872211200	99.7444422	99.7444422
Macomb County	Extractive and Barren	0.2	16.386800000	13.371732	13.371732
Macomb County	Grassland and Shrub	0.2	311.029184000	311.02918400	311.02918400
Macomb County	Industrial	0.8	349.809280000	279.847704	279.847704
Macomb County	Institutional	0.8	41.846247800	41.84624780	41.84624780
Macomb County	Multiple Family Residential	0.6	4.251209115	2.5494341	2.5494341
Macomb County	Road Class B	0.361	45.154084000	31.64508400	31.64508400
Macomb County	Single Family Residential - Rural	0.530	45.154084000	241.138066	241.138066
Macomb County	Single Family Residential - Rural	0.361	302.270000000	180.27000000	180.27000000
Macomb County	Under Development	0.2	15.714449720	2.79468299	2.79468299
Macomb County	Water	0.2	18.200495480	67.0186004	67.0186004
Macomb County	Woodland and Wetland	0.2	326.851000000	653.010001	653.010001
Macomb County	Commercial and Office	0.8	80.267771000	74.27000000	74.27000000
Macomb County	Cultural, Outdoor Recreation, and Cemetery	0.2	18.200495480	7.00000000	7.00000000
Macomb County	Industrial	0.8	39.777071300	95.818781	95.818781
Macomb County	Institutional	0.8	71.530000000	71.53000000	71.53000000
Macomb County	Multiple Family Residential	0.6	16.471992820	27.2822736	27.2822736
Macomb County	Single Family Residential - Rural	0.530	164.713149000	95.818781	95.818781
Macomb County	Transportation, Communication and Utility	0.2	13.000000000	17.9387452	17.9387452
Macomb County	Water	0.2	18.200495480	1.628312017	1.628312017
Macomb County	Woodland and Wetland	0.2	916.088419000	195.2377680	195.2377680
Macomb County	Commercial and Office	0.8	1.848499000	2.94889900	2.94889900
Macomb County	Cultural, Outdoor Recreation, and Cemetery	0.2	14.792668000	14.79266800	14.79266800
Macomb County	Grassland and Shrub	0.2	302.270000000	60.454688	60.454688
Macomb County	Industrial	0.8	1.932682800	7.137621800	7.137621800
Macomb County	Multiple Family Residential	0.6	15.200000000	15.20000000	15.20000000
Macomb County	Single Family Residential - Rural	0.530	29.120000000	153.8577800	153.8577800
Macomb County	Transportation, Communication and Utility	0.2	0.224645164	0.04820186	0.04820186
Macomb County	Under Development	0.2	0.838752000	0.03181200	0.03181200
Macomb County	Water	0.412	0.510806917	1.29721544	1.29721544
Macomb County	Woodland and Wetland	0.2	16.002487780	16.00248778	16.00248778
Macomb County	Active Agriculture	0.2	21.848810000	21.84881000	21.84881000
Macomb County	Commercial and Office	0.8	96.501842000	784.488251	784.488251
Macomb County	Cultural, Outdoor Recreation, and Cemetery	0.2	129.488434000	129.48843400	129.48843400
Macomb County	Grassland and Shrub	0.2	99.719448000	193.530005	193.530005
Macomb County	Industrial	0.8	235.000000000	235.00000000	235.00000000
Macomb County	Institutional	0.8	56.148498000	464.4948732	464.4948732
Macomb County	Multiple Family Residential	0.6	564.284791000	564.28479100	564.28479100
Macomb County	Road Class B	0.760	2.129166890	1.62879795	1.62879795
Macomb County	Single Family Residential - Rural	0.530	406.810000000	288.10000000	288.10000000
Macomb County	Single Family Residential - Rural	0.361	609.099912000	215.883137	215.883137
Macomb County	Transportation, Communication and Utility	0.2	12.794281240	10.5588662	10.5588662
Macomb County	Under Development	0.2	42.142000000	42.14200000	42.14200000
Macomb County	Water	0.412	14.801347800	20.1077275	20.1077275
Macomb County	Woodland and Wetland	0.2	115.000000000	115.00000000	115.00000000
Macomb County	Commercial and Office	0.8	0.000000000	0	0
Macomb County	Road Class B	0.361	0.000000000	0	0
Macomb County	Single Family Residential - Rural	0.530	0.000000000	0	0
Macomb County	Active Agriculture	0.2	1.103104495	1.10310449	1.10310449
Macomb County	Commercial and Office	0.8	105.3814480	105.381448	105.381448
Macomb County	Cultural, Outdoor Recreation, and Cemetery	0.2	97.796884200	19.51887767	19.51887767
Macomb County	Grassland and Shrub	0.2	12.227112000	12.22711200	12.22711200
Macomb County	Industrial	0.8	49.730000000	37.94000000	37.94000000
Macomb County	Institutional	0.8	108.760000000	108.76000000	108.76000000
Macomb County	Multiple Family Residential	0.6	107.570877000	64.5448488	64.5448488
Macomb County	Road Class B	0.361	202.000000000	202.00000000	202.00000000

		With 10% Macomb Flood Benefit Factor	
		With Adj for SC/La	
	Water C = 0.412	Water C = 0.412	
	with 1990 ROW C = 0.55	With RCMC ROW Coefficients	
	1990 SF RES C = 0.400	With J&A residential Coefficients	
Apportionment Update Factors and Effect on County/State Share	PER 1990 POLICY	PER 1990 POLICY WITH ADJUSTMENTS	Compared to 1990
Oakland County	⁹⁹²⁶⁸ 49.2845%	⁸⁹³⁴⁹ 44.2233%	0.3696%
Macomb County	⁹⁰⁸⁷⁵ 45.1179%	¹⁰³⁰²³ 50.9911%	-1.4221%
Lapeer County	³³⁹³ 1.6843%	²³⁹⁸ 1.1868%	0.7707%
St. Clair County	¹⁸⁴⁰ 0.9133%	¹²¹⁰ 0.5988%	0.2818%
MDOT	⁶⁰⁴³ 3.0000%	⁶⁰⁶¹ 3.0000%	0.0000%
CLINTON R SPILLWAY DRAINAGE DISTRICT	²⁰¹⁴¹⁸ 100.0000%	²⁰²⁰⁴¹ 100.0000%	

1990 Apportionment Per PEA Study 0.965517241

Eq Acres	App %	Eq Acres	App %	Adjustment for SC and La	
38,571.08	43.8537%	38,562.55	43.8440%	8.24	Oakland County
46,099.51	52.4132%	44,967.36	51.1260%	1,093.10	Macomb County
365.98	0.4161%	1,044.89	1.1880%	(655.51)	Lapeer County
278.81	0.3170%	740.57	0.8420%	(445.84)	St. Clair County
2,638.62	3.0000%	2,638.62	3.0000%	-	(1,101.34)
87,954.00	100.0000%		100.0000%	(0.00)	

Township of Almont	Active Agriculture	5747.20714871000	5429.468			
Township of Almont	Commercial and Office	4.83833517573	4.570844	9478.04		10032.70644154640 0.944714
Township of Almont	Cultural, Outdoor Recreation, and Cemetary	266.72595523900	251.9798	9478.04		
Township of Almont	Industrial	26.21055752070	24.76149			
Township of Almont	Road Class D	5.19256335092	4.905488			
Township of Almont	Single Family Residential - Rural	3982.53188155000	3762.354			
Township of Dryden	Active Agriculture	792.18061702800	655.0638	1101.28		1331.79799744600 0.826912
Township of Dryden	Single Family Residential - Rural	539.61738041800	446.2162	1101.28		

