

**IMPERIAL ESTATES SOUTH DRAIN DRAINAGE DISTRICT
HOLLAND CHARTER TOWNSHIP
OTTAWA COUNTY, MICHIGAN**

PRELIMINARY APPORTIONMENT

I. APPORTIONMENT

| | <u>Area (acres)</u> | <u>"C" Factor</u> | <u>E.R.A.</u> | <u>Pro-Rated Shares</u> | |
|----|---|-------------------|---------------|-------------------------|-------|
| A. | HOLLAND CHARTER TOWNSHIP INDIVIDUAL PARCELS: | | | | |
| | See attached exhibit "Imperial Estates South Drain Runoff Coefficients" | | | | |
| | 70-16-14-300-013 | 1.57 | 0.15 | 0.24 | 1.14% |
| | 70-16-14-328-018 | 0.32 | 0.35 | 0.11 | 0.55% |
| | 70-16-14-328-019 | 0.38 | 0.35 | 0.13 | 0.64% |
| | 70-16-14-328-021 | 0.14 | 0.35 | 0.05 | 0.24% |
| | 70-16-14-328-022 | 0.13 | 0.35 | 0.05 | 0.22% |
| | 70-16-14-328-023 | 0.14 | 0.35 | 0.05 | 0.23% |
| | 70-16-14-328-024 | 0.25 | 0.35 | 0.09 | 0.43% |
| | 70-16-14-328-025 | 0.44 | 0.35 | 0.16 | 0.75% |
| | 70-16-14-350-007 | 0.14 | 0.35 | 0.05 | 0.23% |
| | 70-16-14-350-008 | 0.12 | 0.35 | 0.04 | 0.21% |
| | 70-16-14-350-009 | 0.23 | 0.35 | 0.08 | 0.38% |
| | 70-16-14-375-001 | 0.51 | 0.35 | 0.18 | 0.85% |
| | 70-16-14-375-002 | 0.31 | 0.35 | 0.11 | 0.52% |
| | 70-16-14-375-003 | 0.33 | 0.35 | 0.11 | 0.55% |
| | 70-16-14-375-004 | 0.33 | 0.35 | 0.12 | 0.56% |
| | 70-16-14-375-005 | 0.25 | 0.35 | 0.09 | 0.43% |
| | 70-16-14-375-006 | 0.14 | 0.35 | 0.05 | 0.24% |
| | 70-16-14-375-007 | 0.14 | 0.35 | 0.05 | 0.23% |
| | 70-16-14-375-008 | 0.14 | 0.35 | 0.05 | 0.23% |
| | 70-16-14-375-009 | 0.11 | 0.35 | 0.04 | 0.18% |
| | 70-16-14-375-010 | 0.33 | 0.35 | 0.11 | 0.55% |
| | 70-16-14-375-011 | 0.35 | 0.35 | 0.12 | 0.59% |
| | 70-16-14-375-012 | 0.33 | 0.35 | 0.12 | 0.56% |
| | 70-16-14-375-013 | 0.33 | 0.35 | 0.12 | 0.56% |
| | 70-16-14-375-014 | 0.41 | 0.35 | 0.14 | 0.69% |
| | 70-16-14-375-015 | 0.14 | 0.35 | 0.05 | 0.23% |
| | 70-16-14-375-016 | 0.38 | 0.35 | 0.13 | 0.65% |
| | 70-16-14-375-017 | 0.38 | 0.35 | 0.13 | 0.65% |
| | 70-16-14-375-018 | 0.42 | 0.35 | 0.15 | 0.70% |
| | 70-16-14-375-019 | 0.45 | 0.35 | 0.16 | 0.75% |
| | 70-16-14-376-001 | 0.20 | 0.35 | 0.07 | 0.34% |
| | 70-16-14-376-002 | 0.24 | 0.35 | 0.08 | 0.41% |
| | 70-16-14-376-003 | 0.37 | 0.35 | 0.13 | 0.63% |
| | 70-16-14-376-004 | 0.41 | 0.35 | 0.15 | 0.70% |
| | 70-16-14-376-005 | 0.37 | 0.35 | 0.13 | 0.62% |

| | <u>Area (acres)</u> | <u>"C" Factor</u> | <u>E.R.A.</u> | <u>Pro-Rated Shares</u> |
|------------------|---------------------|-------------------|---------------|-------------------------|
| 70-16-14-376-006 | 0.40 | 0.35 | 0.14 | 0.68% |
| 70-16-14-376-007 | 0.19 | 0.35 | 0.07 | 0.33% |
| 70-16-14-376-008 | 0.10 | 0.35 | 0.03 | 0.17% |
| 70-16-14-377-001 | 0.27 | 0.35 | 0.10 | 0.46% |
| 70-16-14-377-002 | 0.15 | 0.35 | 0.05 | 0.25% |
| 70-16-14-378-001 | 0.43 | 0.35 | 0.15 | 0.73% |
| 70-16-14-378-002 | 0.37 | 0.35 | 0.13 | 0.63% |
| 70-16-14-378-003 | 0.32 | 0.35 | 0.11 | 0.55% |
| 70-16-14-378-004 | 0.32 | 0.35 | 0.11 | 0.54% |
| 70-16-14-378-005 | 0.32 | 0.35 | 0.11 | 0.54% |
| 70-16-14-378-006 | 0.32 | 0.35 | 0.11 | 0.54% |
| 70-16-14-378-007 | 0.36 | 0.35 | 0.12 | 0.60% |
| 70-16-14-378-008 | 0.48 | 0.35 | 0.17 | 0.81% |
| 70-16-14-378-009 | 0.48 | 0.35 | 0.17 | 0.81% |
| 70-16-14-378-010 | 0.40 | 0.35 | 0.14 | 0.67% |
| 70-16-14-378-011 | 0.34 | 0.35 | 0.12 | 0.57% |
| 70-16-14-378-012 | 0.40 | 0.35 | 0.14 | 0.67% |
| 70-16-14-378-013 | 0.34 | 0.35 | 0.12 | 0.57% |
| 70-16-14-378-014 | 0.34 | 0.35 | 0.12 | 0.58% |
| 70-16-14-378-015 | 0.34 | 0.35 | 0.12 | 0.57% |
| 70-16-14-378-016 | 0.34 | 0.35 | 0.12 | 0.58% |
| 70-16-14-378-017 | 0.34 | 0.35 | 0.12 | 0.57% |
| 70-16-14-378-018 | 0.39 | 0.35 | 0.14 | 0.66% |
| 70-16-14-378-019 | 0.41 | 0.35 | 0.14 | 0.69% |
| 70-16-14-378-020 | 0.35 | 0.35 | 0.12 | 0.59% |
| 70-16-14-378-021 | 0.37 | 0.35 | 0.13 | 0.63% |
| 70-16-14-378-022 | 0.40 | 0.35 | 0.14 | 0.68% |
| 70-16-14-379-001 | 0.38 | 0.35 | 0.13 | 0.64% |
| 70-16-14-379-002 | 0.33 | 0.35 | 0.11 | 0.55% |
| 70-16-14-379-003 | 0.35 | 0.35 | 0.12 | 0.59% |
| 70-16-14-379-004 | 0.35 | 0.35 | 0.12 | 0.60% |
| 70-16-14-379-005 | 0.35 | 0.35 | 0.12 | 0.59% |
| 70-16-14-379-006 | 0.35 | 0.35 | 0.12 | 0.59% |
| 70-16-14-379-007 | 0.34 | 0.35 | 0.12 | 0.58% |
| 70-16-14-379-008 | 0.33 | 0.35 | 0.12 | 0.56% |
| 70-16-14-379-009 | 0.36 | 0.35 | 0.12 | 0.60% |
| 70-16-14-379-010 | 0.33 | 0.35 | 0.11 | 0.55% |
| 70-16-14-379-013 | 0.41 | 0.35 | 0.14 | 0.69% |
| 70-16-14-379-014 | 0.38 | 0.35 | 0.13 | 0.63% |
| 70-16-14-379-015 | 0.38 | 0.35 | 0.13 | 0.64% |
| 70-16-14-379-016 | 0.38 | 0.35 | 0.13 | 0.63% |
| 70-16-14-379-017 | 0.38 | 0.35 | 0.13 | 0.64% |
| 70-16-14-379-018 | 0.38 | 0.35 | 0.13 | 0.64% |
| 70-16-14-379-019 | 0.40 | 0.35 | 0.14 | 0.67% |
| 70-16-14-379-020 | 0.41 | 0.35 | 0.14 | 0.69% |

| | <u>Area (acres)</u> | <u>"C" Factor</u> | <u>E.R.A.</u> | <u>Pro-Rated Shares</u> |
|--------------------|---------------------|-------------------|---------------|-------------------------|
| 70-16-14-379-021 | 0.44 | 0.35 | 0.15 | 0.75% |
| 70-16-14-379-022 | 0.77 | 0.35 | 0.27 | 1.30% |
| 70-16-14-398-001 | 0.39 | 0.35 | 0.14 | 0.66% |
| 70-16-14-398-002 | 0.33 | 0.35 | 0.11 | 0.55% |
| 70-16-14-398-003 | 0.32 | 0.35 | 0.11 | 0.54% |
| 70-16-14-398-004 | 0.32 | 0.35 | 0.11 | 0.55% |
| 70-16-14-398-005 | 0.33 | 0.35 | 0.12 | 0.56% |
| 70-16-14-398-006 | 0.35 | 0.35 | 0.12 | 0.59% |
| 70-16-14-398-007 | 0.45 | 0.35 | 0.16 | 0.76% |
| 70-16-14-398-008 | 0.47 | 0.35 | 0.16 | 0.79% |
| 70-16-14-398-009 | 0.47 | 0.35 | 0.16 | 0.79% |
| 70-16-14-398-010 | 0.48 | 0.35 | 0.17 | 0.81% |
| 70-16-14-398-011 | 0.45 | 0.35 | 0.16 | 0.76% |
| 70-16-14-399-001 | 0.19 | 0.35 | 0.07 | 0.33% |
| 70-16-14-399-002 | 0.15 | 0.35 | 0.05 | 0.26% |
| 70-16-14-399-003 | 0.15 | 0.35 | 0.05 | 0.26% |
| 70-16-14-399-004 | 0.15 | 0.35 | 0.05 | 0.25% |
| 70-16-14-399-005 | 0.15 | 0.35 | 0.05 | 0.25% |
| 70-16-14-399-006 | 0.15 | 0.35 | 0.05 | 0.26% |
| 70-16-14-399-007 | 0.55 | 0.35 | 0.19 | 0.93% |
| 70-16-14-399-008 | 0.33 | 0.35 | 0.12 | 0.56% |
| 70-16-14-399-009 | 0.39 | 0.35 | 0.14 | 0.65% |
| 70-16-14-399-010 | 0.35 | 0.35 | 0.12 | 0.60% |
| 70-16-14-399-011 | 0.23 | 0.35 | 0.08 | 0.39% |
| 70-16-23-100-007 | 0.35 | 0.35 | 0.12 | 0.59% |
| 70-16-23-100-008 | 0.17 | 0.35 | 0.06 | 0.29% |
| 70-16-23-100-009 | 0.16 | 0.35 | 0.06 | 0.27% |
| 70-16-23-100-010 | 0.16 | 0.35 | 0.05 | 0.26% |
| 70-16-23-100-011 | 0.22 | 0.35 | 0.08 | 0.36% |
| 70-16-23-100-012 | 0.21 | 0.35 | 0.07 | 0.35% |
| 70-16-23-100-013 | 0.23 | 0.35 | 0.08 | 0.39% |
| 70-16-23-100-045 | 0.25 | 0.35 | 0.09 | 0.42% |
| 70-16-23-100-094 | 0.14 | 0.35 | 0.05 | 0.24% |
| 70-16-23-100-095 | 0.19 | 0.35 | 0.07 | 0.32% |
| 70-16-23-100-105 | 0.18 | 0.35 | 0.06 | 0.30% |
| 70-16-23-126-000 | 0.87 | 0.35 | 0.31 | 1.48% |
| 70-16-23-200-006 | 0.14 | 0.35 | 0.05 | 0.24% |
| | | | | |
| IND. PARCEL TOTALS | 38.73 | | 13.24 | 63.9% |
| | | | | |
| B. OTTAWA COUNTY | | | | |
| Campanel Drive | 1.59 | 0.51 | 0.81 | 3.90% |
| Floral Drive | 2.02 | 0.51 | 1.03 | 4.98% |
| Gay Patee Drive | 0.81 | 0.51 | 0.41 | 1.99% |

| | <u>Area (acres)</u> | <u>"C" Factor</u> | <u>E.R.A.</u> | <u>Pro-Rated Shares</u> |
|-------------------|---------------------|-------------------|---------------|-------------------------|
| James Street | 3.45 | 0.62 | 2.14 | 10.32% |
| Rhodora Drive | 1.98 | 0.51 | 1.01 | 4.88% |
| Sierra Drive | 1.44 | 0.51 | 0.74 | 3.55% |
| Valarie Drive | 2.64 | 0.51 | 1.35 | 6.50% |
| OTTAWA CO. TOTALS | 13.93 | | 7.49 | 36.1% |
| TOTALS | 52.66 | | 20.73 | 100.0% |

| II. | PRO-RATED SHARES | Calculations |
|-----|---|---------------------|
| A. | Holland Chart Twp Indiv. Parcels | 63.9% |
| B. | Ottawa County | 36.1% |
| | Ottawa County Road Commission | 16.85% |
| | Ottawa County | 16.85% |
| | TOTAL | 100.0% |