

**Explanation sheet (cont'd)**

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**CONTRACT PAVE:** 448 Paving jobs that exceed \$15,000 per mile are performed by Private contractor through competitive bidding process.

**STONE BERM, STONE BASE, STONE WIDEN:** Laying and compacting of varying thickness of #304 or #411 grade stone used for widening road berming roads, or placing a base for a new road.

**LENGTH:** This column shows the length of the project in feet and miles as measured by our electronic distance meters in our vehicles used for viewing the roads.

**WID.:** This column shows the width of the project to the nearest foot.

**THICK:** This column shows the thickness of hot mix or stone to be applied.

**SEAL:** This column shows the gallons of liquid asphalt calculated for specified seal jobs.

**# 8's:** This column shows the tons of #8 stone calculated for specified seal jobs. Sometimes #9's are used.

**448:** This column shows the tons of 448 grade hot mix calculated for specified 448 pave, 448 wedge and 448 patch jobs.

**TACK:** This column shows the gallons of liquid asphalt calculated for 448 pave, 448 wedge and 448 patch jobs. (Tack is liquid asphalt that binds new hot mix to existing pavement)

**STONE:** This column shows the tons of #304 grade stone calculated for stone berm, base and widening projects.

**CRK/PCH:** Pounds of material for crack patching projects.

**ADDIT INFO:** Additional information that does not appear elsewhere may be shown in the column.

**\$-PSF:** The in-place price per square foot of each different type of work is shown here so that it may be used to calculate an estimate for each project. These prices change each year to reflect changes in labor, equipment and materials cost.

**ESTIMATE:** An estimate for each project is calculated by multiplying the project length (after converting from miles to feet) times the project width times the cost per square foot. Another method is used for sweeping, excavation and other miscellaneous projects.

**TOTALS:** At the bottom of the page appears a TOTALS row, which shows the total material quantities for each township. The estimates of all projects are totaled in the lower right hand corner. \$6,500 is subtracted from the TOTAL \$-ESTIMATE since the County Engineer subsidizes each township \$6,500 per year from his own funds to try to ensure uniform road quality throughout the county and to help offset the mowing of county roads by townships. The total estimated TOWNSHIP SHARE of the road program appears at the bottom of the page.