

INITIAL PAVEMENT MARKINGS FOR RESURFACED SECTIONS GENERAL NOTES

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PLAN NO. 271

IN ADDITION TO THE REQUIREMENTS OF 642, THE FOLLOWING SHALL APPLY:

642 MATERIALS

THE MATERIALS USED ON THIS PROJECT SHALL BE 642 FAST DRY TRAFFIC PAINT.

THE CONTRACTOR SHALL PROVIDE STORAGE FOR ALL MATERIALS AND SHALL TRANSPORT MATERIALS TO THE SITE WHERE USED. GLASS BEADS SHALL BE KEPT DRY DURING STORAGE AND PROIR TO USE.

THE LABORATORY WILL FURNISH THE NAMES OF MANUFACTURERS AND CODE NUMBERS FROM ITS APPROVED LIST OF PREQUALIFIED WHITE AND YELLOW PAINT UPON REQUEST.

642 SPECIAL EQUIPMENT

THE CONTRACTOR'S STRIPER SHALL BE EQUIPPED WITH AN ODOMETER GRADUATED TO 1/100 OF A MILE. THE ENGINEER SHALL DETERMINE THE DEGREE OF ACCURACY OF THE CONTRACTOR'S ODOMETER AND ESTABLISH AN ADJUSTMENT FACTOR AS MAY BE REQUIRED TO ACCURATELY DETERMINE THE PAY ITEM QUANTITIES. THE ENGINEER SHALL PERIODICALLY CHECK THE ODOMETER'S OPERATION TO ASSURE MAINTENANCE TO ACCURATE MEASUREMENTS.

FAILURE OF THE ODOMETER TO FUNCTION PROPERLY SHALL BE CAUSE TO STOP THE WORK UNTIL THE ODOMETER IS MADE TO FUNCTION PROPERLY. ON SHORT PROJECTS, THE ENGINEER MAY APPROVE ALTERNATE METHODS TO ACCURATELY MEASURE THE LENGTH OF THE VARIOUS TYPES OF MARKINGS APPLIED. IF MEASUREMENT OF THE WORK HAS TO BE DONE BY THE DEPARTMENT, THE COST OF THE DEPARTMENT LABOR AND EQUIPMENT PLUS 10 PERCENT SHALL BE DEDUCTED FROM PAYMENT DUE THE CONTRACTOR FOR THE WORK. WHEN MEASURING LANE, EDGE AND/OR CENTERLINE MARKING, THE ODOMETER SHALL BE STARTED AT THE FIRST MARKED LINE AND REMAIN IN OPERATION, UNTIL THE END OF THE SECTION BEING MARKED, WHERE IT SHALL BE SHUT OFF AND THE READING OF THE ODOMETER RECORDED.

ELECTRICAL FOOT COUNTERS SHALL BE PROVIDED AND INSTALLED IN THE APPLICATION EQUIPMENT USED TO APPLY LONG LINE MARKINGS. THE COUNTERS SHALL INDIVIDUALLY TABULATE THE AMOUNT OF FOOTAGE APPLIED FOR EACH LINE, WHETHER SOLID OR DASHED. THE COUNTERS SHALL BE A SIX DIGIT TYPE WITH A RESET FEATURE.

THE CONTRACTOR SHALL USE AN ACCURATE DASHING MECHANISM, CAPABLE OF BEING EASILY ADJUSTED, TO PLACE LANE OR CENTERLINE MARKINGS AS SPECIFIED IN THE PLANS OR AS DIRECTED BY THE ENGINEER.

PROVISION FOR THE DESCRIBED SPECIAL EQUIPMENT BY THE CONTRACTOR SHALL BE INCIDENTAL TO THE APPLICATION.

642 MATERIAL QUANTITY MEASUREMENT

THE QUANTITY OF MARKING MATERIAL OR GLASS BEADS PER UNIT OF MEASUREMENT WILL BE COMPUTED BY THE ENGINEER AT THE END OF EACH DAY'S WORK. A DAY'S APPLIED MILEAGE OF LESS THAN 2 MILES MAY BE INCLUDED IN THE NEXT DAY'S APPLIED MARKINGS FOR THE PURPOSE OF COMPUTING MARKING MATERIAL AND BEAD APPLICATION RATES.

THE CONTRACTOR SHALL PROVIDE A CALIBRATED MEASURING DEVICE ACCEPTABLE TO THE ENGINEER FOR MEASURING MATERIAL IN THE STRIPER TANKS.

THE QUANTITY OF MARKING MATERIAL USED SHALL BE DETERMINED BY MEASURING THE MARKING MATERIAL BEFORE AND AFTER MARKING MATERIAL IS APPLIED. THE CONTRACTOR SHALL PROVIDE MEASUREMENTS WHENEVER REQUESTED BY THE ENGINEER. THE MARKING MATERIAL APPLICATION RATE SHALL BE DETERMINED BY DIVIDING THE TOTAL POUNDS OF THERMOPLASTIC MATERIAL USED BY THE APPROPRIATE MARKING LENGTH AS DETERMINED FROM THE FOOT COUNTER AS DESCRIBED WITHIN THE SPECIAL EQUIPMENT SECTION OF THESE NOTES. ANY DETERMINATION OF PAY DEDUCTION RESULTING FROM SHORTAGES IN MARKING QUANTITIES SHALL BE BASED ON THE MEASUREMENTS OBTAINED BY THIS METHOD. THE AMOUNT OF GLASS BEADS APPLIED SHALL BE ASCERTAINED BY THE ENGINEER BY OBSERVATION AND FROM INFORMATION SUPPLIED BY THE CONTRACTOR AS TO QUANTITY USED.

642 LAYOUT AND PREMARKING

IN ACCORDANCE WITH 621.05, THE CONTRACTOR SHALL "T" NO-PASSING ZONES IN ACCORDANCE WITH A NO-PASSING ZONE LOG PROVIDED BY THE ENGINEER.

642 LAYOUT AND PREMARKING

IN ADDITION TO THE REQUIREMENTS OF 847.04, PREMARKING FOR AUXILIARY MARKINGS SHALL BE LOCATED FROM SCHEMATIC FORMS PROVIDED BY THE ENGINEER.

MARKINGS SHALL NOT BE APPLIED OVER EXISTING MARKINGS EXCEPT WHEN APPLYING INITIAL PERMANENT MARKINGS OVER TEMPORARY MARKINGS OF FAST-DRY PAINT. TEMPORARY MARKINGS OTHER THAN FAST-DRY PAINT SHALL BE REMOVED AND THE SURFACE PREPARED TO THE SATISFACTION OF THE ENGINEER BEFORE PERMANENT MARKINGS ARE APPLIED.

642 AUXILIARY PAVEMENT MARKING

FOR THIS PROJECT, AUXILIARY MARKINGS SHALL BE DEFINED AS: STOP LINES, CROSSWALK LINES, TRANSVERSE LINES, RAILROAD AND SCHOOL SYMBOL MARKINGS, LANE ARROWS, WORD ON PAVEMENT, CURB AND ISLAND MARKINGS, PARKING LOT STALL MARKINGS AND DOTTED LINES EXCEPT WHEN USED TO EXTEND EDGE LINES.