Chapter 7: Alignment

QUALITY MANAGEMENT

Creation of an **additional design and alignment file** and a summary of the **total lane miles per lift** (rounded to the nearest hundredth) for the given material type requiring compaction and/or paving efforts is required for jobs using:

(2016) "Quality Management – Paver Mounted Thermal Profile (PMTP) Method" and
(2016) "Quality Management Special – Intelligent Compaction (IC) Method".

Table 7.1 details when these technologies are required on a given project..

Table 7.1 IC and PMTP Project Requirements

Specification	Intelligent Construction Technologies (ICT) Method		Net Lane Miles*
	(2016) Quality Management - Paver Mounted Thermal Profile Method	(2016) Quality Management Special - Intelligent Compaction	
2215 (SFDR) 2390 (CIR & CCPR)	…	√	≥ 4 lane miles
2353	…	√	≥ 4 lane miles
2360 & 2365	√	√	≥ 4 lane miles

* Net lane miles for the given specification and route. The IC and PMTP methods are also required on associated routes within the plan set, with a minimum, continuous length of 2-lane miles, unless waived by the Engineer.

Details describing how to create the additional design and alignment files are outlined in Chapter 3, **Section 3.3** of the Advanced Materials and Technology (AMT) Manual. The AMT manual can be found at: MnDOT A to Z …go to "Advanced Materials & Technology" …go to "Manuals, Guides & Videos".