



LONG TERM PAVEMENT PERFORMANCE PROGRAM DIRECTIVE



For the Technical Direction of the LTPP Program

Program Area: IMS Directive Number: I-46
Date: July 17, 1997 Supersedes: n/a
Subject: Identification of "First" Section for SPS Linked Site Traffic Processing

The processing of multiple SPS sections for annual estimates of ESALs using monitored traffic requires a fixed definition of which SPS section will be the basic traffic processing section or "first" section. The "first section is the one section among all sections associated with an SPS project for which all traffic data processing must be completed. This section is used to define TRAFFIC\_SHRP\_ID for SPS.DAT processing and in IMS programming to create the input file for SPS.DAT. Changing the basic section results in significant maintenance and update efforts of the IMS which cannot be accommodated in the short term.

On the basis of current practice in each region, "first" sections are defined as follows:

For the Southern region -

If the SPS project has a record in SPS\_GPS\_LINK then TRAFFIC\_SHRP\_ID = LINKED\_GPS\_ID in SPS\_GPS\_LINK (SPS 3,4,5,6). In all other cases the TRAFFIC\_SHRP\_ID is the SHRP\_ID for the section with ORDER\_NO = 1 in the applicable SPS?\_PROJECT\_STATIONS table.

For the Western region -

If the SPS project has a record in SPS\_GPS\_LINK then TRAFFIC\_SHRP\_ID = LINKED\_GPS\_ID in SPS\_GPS\_LINK (SPS 3,4,5,6). For the following sections the stated relationships hold:

Table with 8 columns: State, Exper, Project, site ID, State, Exper, Project, site ID. Rows include AZ, NV, WA, AB, CO with various SPS and project codes.

In all other cases the TRAFFIC\_SHRP\_ID is the SHRP\_ID for the section with ORDER\_NO = 1 in the applicable SPS?\_PROJECT\_STATIONS table.

For the North Atlantic region -

**The TRAFFIC\_SHRP\_ID is the SHRP\_ID for the project (??00).**

**For the North Central Region the following table applies:**

State	Exper	Project	site ID	State	Exper	Project	site ID
IL	SPS3	A300	17A340	KY	SPS3	A300	21A310
	SPS3	B300	17B340		SPS3	B300	21B340
	SPS6	0600	170601		SPS4	A400	21A430
IN	SPS3	A300	18A340	ND	SPS2	0200	380222
	SPS4	A400	18A430		MB	SPS3	A300
	SPS6	0600	180602	SPS5		0500	830501
	SPS9	0900	180901	MN	SPS3	A300	27A340
IA	SPS1	0100	190101		SPS3	B300	27B340
	SPS2	0200	190202		SPS3	D300	27D310
	SPS3	A300	19A310		SPS5	0500	270501
	SPS4	A400	19A430		SPS7	0700	270701
	SPS3	B400	19B430		SPS9	0900	270901
	SPS6	0600	190601				
	SPS7	0700	190701				
SK	SPS3	A300	90A340				
	SPS3	B300	90B340				
KS	SPS1	0100	200101	MI	SPS1	0100	260113
	SPS2	0200	200201		SPS2	0200	260213
	SPS3	A300	20A340		SPS3	A300	26A340
	SPS3	B300	20B340		SPS3	B300	26B340
	SPS4	A400	20A430		SPS3	C300	26C340
	SPS4	B400	20B430		SPS3	D300	26D340
	SPS9	0900	200902		SPS6	0600	260601
MO	SPS3	A300	29A340	NE	SPS3	A300	31A340
	SPS3	B300	29B340		SPS4	A400	31A430
	SPS4	A400	29A430		SPS4	B400	31B430
	SPS4	B400	29B430		SPS4	C400	31C430
	SPS6	0600	290601		SPS1	0100	310116
	SPS7	0700	290701		SPS9	0900	310901
OH	SPS1	0100	390102	SD	SPS4	A400	46A430
	SPS2	0200	390202		SPS6	0600	460601
	SPS4	A400	39A430		SPS8	0800	460803
	SPS4	B400	39B430	WI	SPS9	0900	550901
	SPS8	0800	390803		SPS9	A900	55A901
	SPS8	A800	39A809		SPS9	B900	55B901

**For any SPS project in the North Central region not listed above, TRAFFIC\_SHRP\_ID is the SHRP\_ID of the project.**

For sections to be added in the future, or experiments not yet supported by this structure, the Technical Support Contractor will insure that SPS?\_PROJECT\_STATIONS exists as a table in all experiments by September 30, 1997. Regions using this table to identify the "first" section are responsible for the completeness of data entry in this table ( at a minimum the ORDER\_NO = 1 section), to support traffic processing no later than 1 November 1997.

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