

# Access Impact Matrix

	<b><u>Severity 1</u></b> <b>Access that impacts on a single service group or single operator</b>	<b><u>Severity 2</u></b> <b>Access that effects multiple service groups or operators and / or where capacity is shared by operators</b>
<b><u>Capacity Study</u></b> [EAP]	<ul style="list-style-type: none"> <li>Isolated one off pieces of access that require minor retiming of less than 10 minutes</li> <li>Regular diversions for Section 5 possessions</li> <li>Regular diversions for a single piece of access</li> <li>TSRs that require additional [x] with minor impact on train service (journey time extension no greater than 10 minutes)</li> <li>Services required to start / terminate short where the planning solution is known</li> </ul>	<ul style="list-style-type: none"> <li>2 track timetables outside of normal Section 4 times</li> <li>High Output possessions with TSRs and line blockages (pattern of services required to confirm line blockage times)</li> <li>TSRs that require additional [x] for more than one operator</li> <li>Diversions routes where capacity will be shared (an understanding of hourly patterns or ability to fit the WTT quantum of trains etc)</li> <li>Regular diversionary routes for multiple operators (e.g. via Northampton / Hertford Loop etc) where capacity is understood</li> <li>Services required to start / terminate short where the method of working is not known</li> </ul>
Output requirements	<ul style="list-style-type: none"> <li>Understanding of the impact on train service group and required capacity</li> <li>Understanding the impact on standard possession opportunities</li> <li>Detailed Traffic Remarks by DPPP stage. If post CPPP, included as part of proposal</li> </ul>	<ul style="list-style-type: none"> <li>Detailed structure for the amended train plan stating additional time, diversionary routes, capacity restrictions by operator and allocated capacity</li> <li>Understanding the impact on standard possession opportunities</li> <li>Detailed Traffic Remarks by DPPP stage. If post CPPP, included as part of proposal</li> </ul>
	<b><u>Severity 3</u></b> <b>Access that effects one or more operators and that requires significant diversion or retiming (of greater than 15 minutes)</b>	<b><u>Severity 4</u></b> <b>Double or Triple disruption to one or more operators Disruption that effects one or more operators on more than one route Severe disruption on a primary route of one or more operators</b>
<b><u>Timetable Study</u></b> [EAP & Train planning]	<ul style="list-style-type: none"> <li>Standard hourly pattern either undeliverable or requires significant amendment (&gt;15 mins)</li> <li>Where an understanding of the impact on service patterns and connections is required (services back to booked / missing key stations etc)</li> <li>Potential impact on train crew and unit resources for one or more operators (turnarounds at key stations potentially impacted etc)</li> <li>Restrictive capacity and / or where booked connections are impacted at key stations (i.e. Birmingham New Street / Leeds / London Terminals etc)</li> <li>Access that requires the thinning of services to provide capacity for diverted services or degraded working</li> <li>Access that requires multiple operators to start / terminate at a station that has a complex method of working for turn back moves</li> <li>Severe impact on ability to move Empty Coaching Stock (possessions effecting depot access or requiring significant retiming [greater than 15 minutes] or diversion)</li> </ul>	<ul style="list-style-type: none"> <li>Abnormal diversionary routes where capacity and / or the impact on train paths and connections is not easily or fully understood</li> <li>SLW plans outside of Section 4 where capacity is constrained with significant journey time detriment (of greater than 15 minutes)</li> <li>Where one or more operators are impacted by more than one piece of access on one or more routes</li> <li>Where capacity via a diversionary route is severely restricted (single line / absolute block / congested routes / stations etc)</li> <li>Where an understanding of the impact on service patterns and connections is required (services back to booked / missing key stations etc)</li> <li>SX blockade of one or more operators' primary routes (WCML / ECML all line block e.g. Wigan / Watford)</li> </ul>
Output requirements	<ul style="list-style-type: none"> <li>Standard hourly pattern established through detailed timings (as opposed to production of a full timetable for the specific period)</li> <li>Platforming exercise to understand capacity around any restriction at multi operator stations</li> <li>Single train timing exercise to understand impact on journey time detriment and / or impact of crew and resources</li> <li>Train by train timing to demonstrate impact on ECS moves to ensure deliverability of train service</li> <li>Detailed structure for the amended train plan stating additional time, diversionary routes, capacity restrictions by operator and allocated capacity from output of Timetable Study</li> <li>Detailed Traffic Remarks for access proposed in V1 / V3 by V2 / V4. For access requested post V2 / V4 included by DPPP. If post CPPP, included as part of proposal</li> </ul>	<ul style="list-style-type: none"> <li>Full timetable study for every operator effected for the duration of the disruption (with the exception of ECS moves where not applicable)</li> <li><b>or</b></li> <li>Standard hourly pattern to understand capacity through detailed timings (as opposed to production of a full timetable for the specific period)</li> <li>End to end journeys to be assessed where applicable (e.g. services that cannot return to a booked path) with no piece of access to be treated in isolation</li> <li>Decision Criteria grid populated to support capacity allocation</li> <li>Detailed structure for the amended train plan stating additional time, diversionary routes, capacity restrictions by operator drawn from output of Timetable Study</li> <li>Detailed Traffic Remarks for access proposed in V1 / V3 by V2 / V4. For access requested post V2 / V4 included by DPPP. If post CPPP, included as part of proposal</li> </ul>