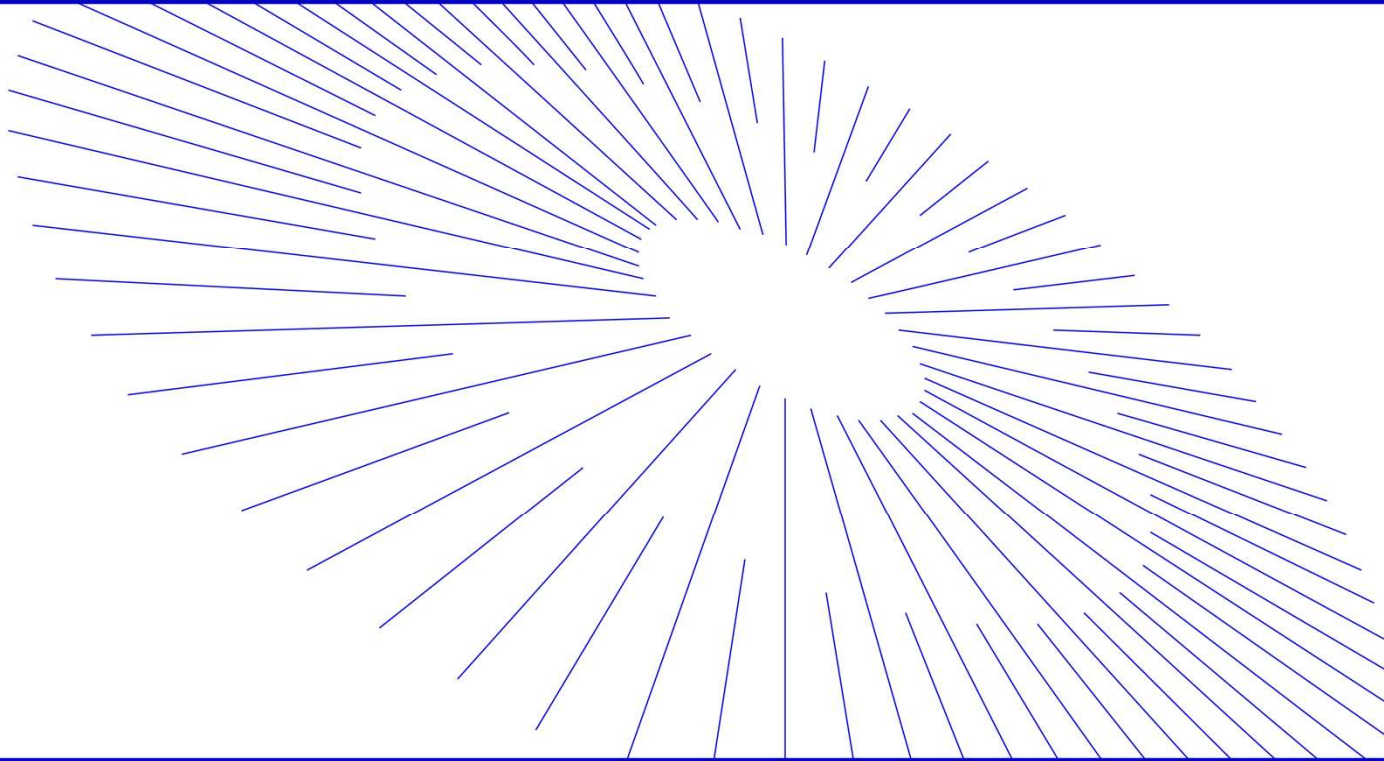


# Smart Construction Simulation

## 2025.11.11(Schedule) About the Release Version

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- We are pleased to announce the release of updates to "Smart Construction Simulation" with the following schedule and content.
- Due to system maintenance, the relevant services will not be available during the following dates.  
(\*The release schedule, time, and contents are subject to change depending on the situation. Please understand this in advance.)

Schedule : Tuesday, November 11 (Japan time) 7:00 p.m. - 12:00 p.m.

NO.	Target Functions	Overview	Details
1	Simulation (Function Improvement)	Implemented simultaneous import of design files during Design3D integration	When importing centerline data from Design3D, you can now import the Design file simultaneously. On the Temporary Route and No-Passage Zone screens, use the "Import from Design3D" menu, check the "Also import design file (.xml)" box, and save. This will upload the corresponding Design file along with the data.
2	Simulation (Bug Repair)	Fixed a bug where rainwater flow predictions were being calculated for intermediate terrain.	We have fixed a bug where calculating stormwater flow predictions on the "Soil Distribution" and "Schedule" screens using intermediate terrain data resulted in calculations being performed on that intermediate terrain. With this fix, stormwater flow predictions are now calculated based on the initial terrain state, even if intermediate terrain is displayed on each screen.
3	Simulation (Bug Repair)	Fixed an issue where DXF output of perimeter lines in feet at the site was converted to meters.	We have fixed an issue where outputting perimeter lines as DXF files in a site measured in feet would automatically convert to meters, causing them to display at an unintended location. With this fix, perimeter lines output as DXF files will now display their position information correctly even in sites measured in feet.



NO.	Target Functions	Overview	Details
4	Machine Simulation (Bug Repair)	Fixed an issue where the Duplicate menu did not hide when other menus were displayed.	Fixed an issue where the duplicate menu remained visible even when other menus were displayed. With this fix, the duplicate menu will now hide when other menus are displayed, preventing overlapping.
5	Machine Simulation (Bug Repair)	Fixed an issue where the chart display and time axis timing would become misaligned on the Daily Utilization Rate screen due to the display magnification setting.	We have fixed an issue where increasing the display magnification on the Daily Utilization Rate screen caused the chart and time axis to become misaligned. With this fix, the chart and time axis will now correctly match even when the display magnification is changed.
6	Machine Simulation (Bug Repair)	Fixed an issue where the construction site name did not match in the icon and subwindow.	We have fixed an issue where the section name in the cut/fill site subwindow for individual sections was not uniformly labeled as "Cut/Fill Site." Going forward, we plan to make similar improvements to other screens to ensure consistent labeling as "Cut/Fill Site."





NO.	Target Functions	Overview	Details
7	Machine Simulation (Bug Repair)	Fixed an issue where the designs for [Blueprint] and [Labeled] were not consistent.	We have fixed an issue where the designs for [Blueprint] and [Labeled] were inconsistent. This fix unifies the design across both menus, resolving display inconsistencies.
8	Machine Simulation (Function Improvement)	Improved display specifications for the Add Location dialog	The following two changes have been made to the Add Location Dialog: ① A scroll bar has been added to the dialog. This allows the entire contents to be displayed when they cannot be shown otherwise. ② Control for detailed display of construction signals (single-lane) When the “Construction Signal (Single-Lane)” checkbox is unchecked, the signal settings items are hidden. When checked, the detailed settings items are now displayed.
9	Machine Simulation (Bug Repair)	Fixed an issue where icons did not invert when hovering over them in the plan list.	We fixed an issue where icons for other plans did not highlight when hovering over them in the plan list dialog. This fix ensures that icons for other plans now highlight correctly when hovered over.
10	Machine Simulation (Bug Repair)	Fixed an issue where unnecessary buttons appeared when deleting data while items were hidden on the Basic Data screen.	We have fixed an issue where unnecessary list display buttons appeared after deleting data in the Shovel tab, Bulldozer tab, and Wheel Loader tab of the Basic Data screen when the [ICT Equipment] item was hidden. With this fix, unnecessary buttons will no longer appear when deleting data with the item hidden.

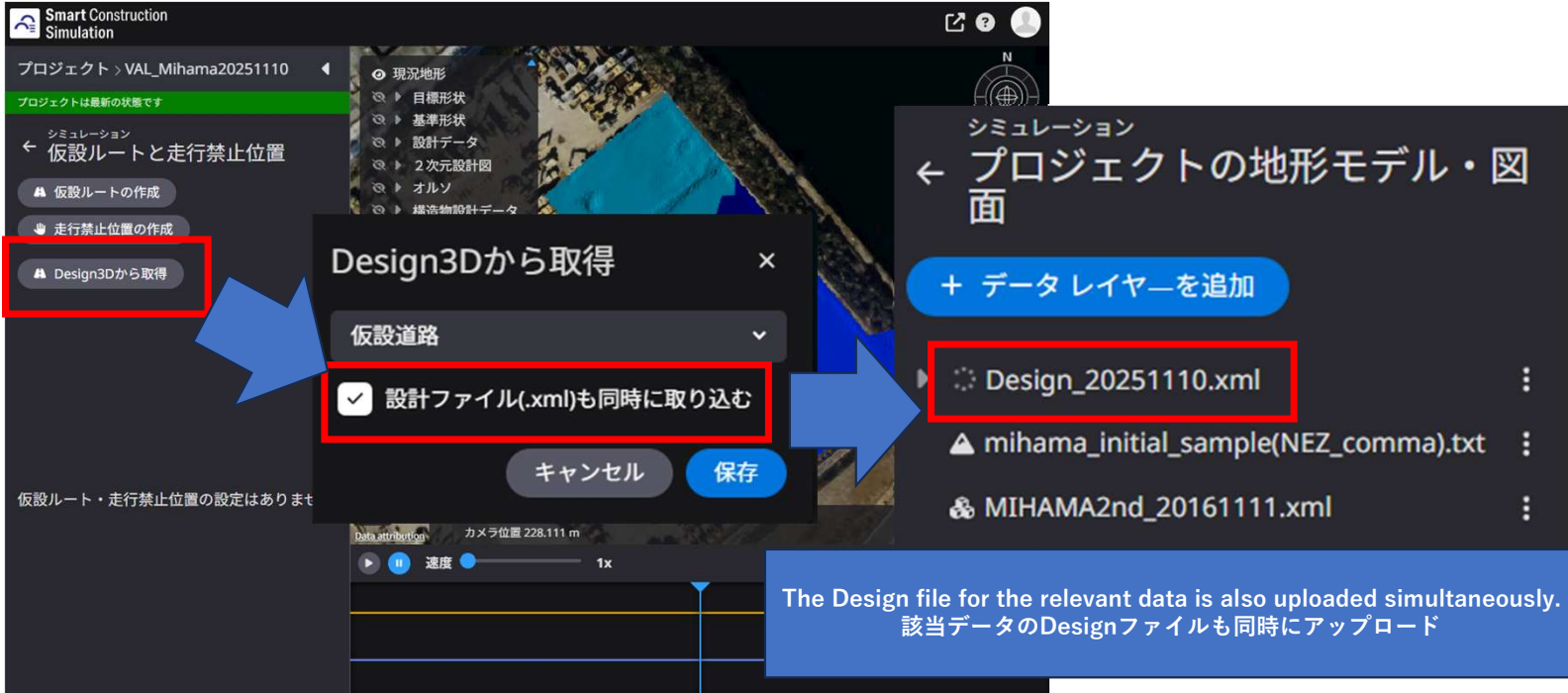




NO.	Target Functions	Overview	Details
11	Machine Simulation (Bug Repair)	Fixed an issue where the yard-pound system units for the shovel's improved processing capacity were incorrect.	For the imperial system, we fixed an issue where the shovel's improved processing capacity unit was displayed as "11yd <sup>3</sup> /h" on the base data screen. This fix ensures the shovel's improved processing capacity unit is now correctly displayed as "yd <sup>3</sup> /h".
12	Machine Simulation (Bug Repair)	Fixed an issue where the input check failed to function after navigating to another screen.	We fixed a bug where if you navigated to another screen without entering data in the field and then returned, the data entry check failed to function, allowing the save button to be pressed. This fix ensures that the data entry check now functions correctly even when returning from another screen.
13	Machine Simulation (Bug Repair)	Fixed an issue where the system failed to switch to a manual route when route search failed on a shared route.	Fixed an issue where road fitting would not be disabled on some routes when road fitting search failed on shared routes. This fix ensures that when search fails, it will now correctly switch to manual settings.

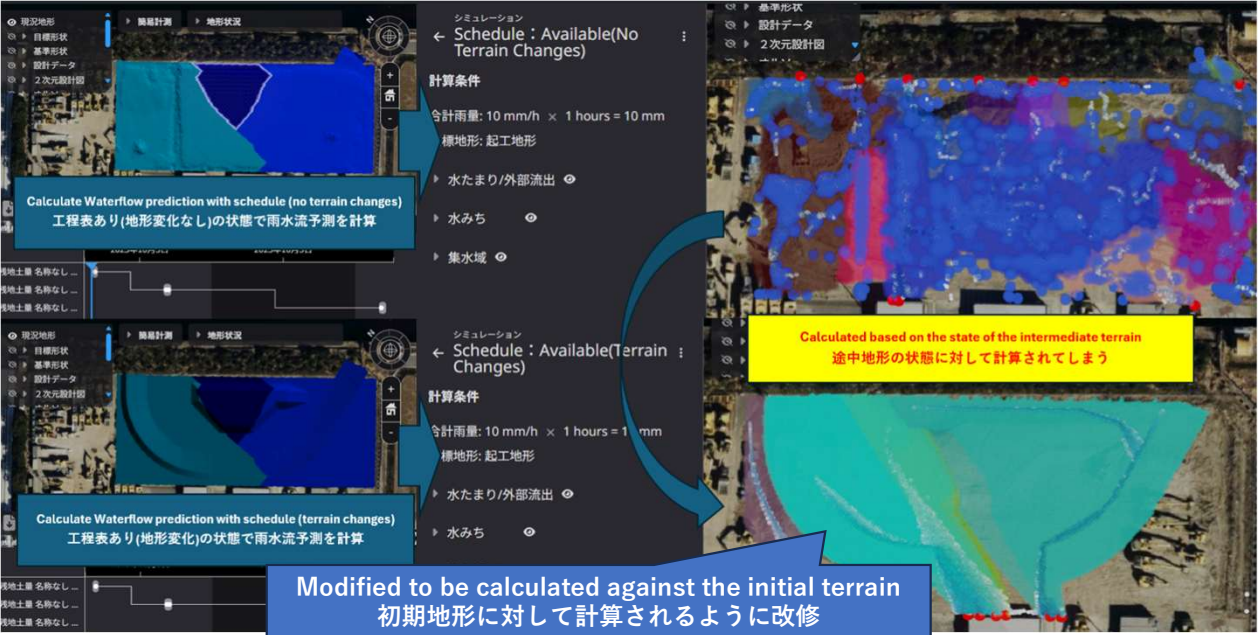





NO.	Target Functions	Overview
1	Simulation (Function Improvement)	<ul style="list-style-type: none"><li>• Overview : Implemented simultaneous import of design files during Design3D integration</li><li>• Details : When importing centerline data from Design3D, you can now import the Design file simultaneously. On the Temporary Route and No-Passage Zone screens, use the “Import from Design3D” menu, check the “Also import design file (.xml)” box, and save. This will upload the corresponding Design file along with the data.</li></ul>  <p>The Design file for the relevant data is also uploaded simultaneously. 該当データのDesignファイルも同時にアップロード</p>






NO.	Target Functions	Overview
2	Simulation (Bug Repair)	<ul style="list-style-type: none"><li>• Overview : Fixed a bug where rainwater flow predictions were being calculated for intermediate terrain.</li><li>• Details : We have fixed a bug where calculating stormwater flow predictions on the “Soil Distribution” and “Schedule” screens using intermediate terrain data resulted in calculations being performed on that intermediate terrain. With this fix, stormwater flow predictions are now calculated based on the initial terrain state, even if intermediate terrain is displayed on each screen.</li></ul> 





NO.	Target Functions	Overview
3	Simulation (Bug Repair)	<ul style="list-style-type: none"><li>• Overview : Fixed an issue where DXF output of perimeter lines in feet at the site was converted to meters.</li><li>• Details : We have fixed an issue where outputting perimeter lines as DXF files in a site measured in feet would automatically convert to meters, causing them to display at an unintended location. With this fix, perimeter lines output as DXF files will now display their position information correctly even in sites measured in feet.</li></ul>  <p>Modified to display the perimeter line correctly in feet units at the site フィート単位の現場で外周線が正しい位置に表示されるように改修</p>





NO.	Target Functions	Overview
4	Machine Simulation (Bug Repair)	<ul style="list-style-type: none"><li>• Overview : Fixed an issue where the Duplicate menu did not hide when other menus were displayed.</li><li>• Details : Fixed an issue where the duplicate menu remained visible even when other menus were displayed. With this fix, the duplicate menu will now hide when other menus are displayed, preventing overlapping.</li></ul> 



NO.	Target Functions	Overview
5	Machine Simulation (Bug Repair)	<ul style="list-style-type: none"><li>• Overview : Fixed an issue where the chart display and time axis timing would become misaligned on the Daily Utilization Rate screen due to the display magnification setting.</li><li>• Details : We have fixed an issue where increasing the display magnification on the Daily Utilization Rate screen caused the chart and time axis to become misaligned. With this fix, the chart and time axis will now correctly match even when the display magnification is changed.</li></ul> <div data-bbox="714 678 2065 1326"><div><div>積込場 走路1</div><div>Before</div><div><div>09:0011:0013:0015:0017:00</div><div><div>=Load capacity: 40t</div><div><div>1234567891011</div><div>When enlarged, it becomes misaligned with the time axis. 拡大すると時間軸とずれてしまう</div></div></div><div><div>10:41:39 ~ 11:04:42 : 掘削積込</div></div></div><div><div>積込場 走路1</div><div>After</div><div><div>09:0011:0013:0015:0017:00</div><div><div>=Load capacity: 40t</div><div><div>123456789101112131415</div><div>Modify to align with the timeline even when enlarged 拡大しても時間軸と一致するように改修</div></div></div><div><div>10:41:39 ~ 11:04:42 : 掘削積込</div></div></div></div></div></div>

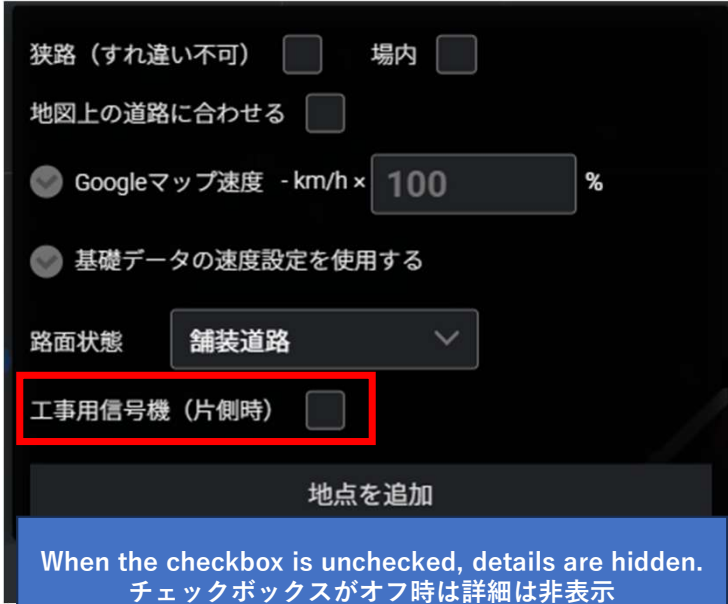



NO.	Target Functions	Overview
6	Machine Simulation (Bug Repair)	<ul style="list-style-type: none"><li>Overview : Fixed an issue where the construction site name did not match in the icon and subwindow.</li><li>Details : We have fixed an issue where the section name in the cut/fill site subwindow for individual sections was not uniformly labeled as “Cut/Fill Site.” Going forward, we plan to make similar improvements to other screens to ensure consistent labeling as “Cut/Fill Site.”</li></ul> <div></div> <div></div>



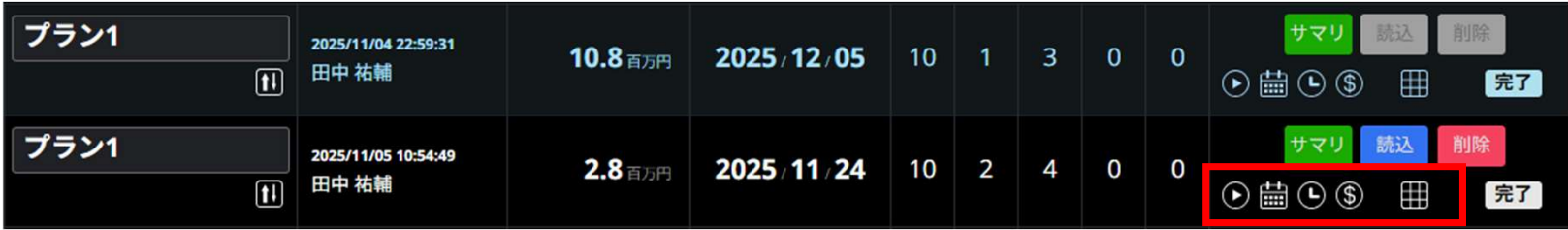

NO.	Target Functions	Overview
7	Machine Simulation (Bug Repair)	<ul style="list-style-type: none"><li>Overview : Fixed an issue where the designs for [Blueprint] and [Labeled] were not consistent.</li><li>Details : We have fixed an issue where the designs for [Blueprint] and [Labeled] were inconsistent. This fix unifies the design across both menus, resolving display inconsistencies.</li></ul> <div><div><div>ラベルあり ▾</div><div>地図 航空写真 ラベルあり ラベルなし</div></div><div><div>設計図 ▾</div><div>👁️ sitelimage.png 👁️ sitelimage.png</div></div></div> <div>Unify the design for [Blueprints] and [Labeled] [設計図]と[ラベルあり]のデザインを統一</div>



NO.	Target Functions	Overview
8	Machine Simulation (Function Improvement)	<ul style="list-style-type: none"><li>• Overview : Improved display specifications for the Add Location dialog</li><li>• Details : The following two changes have been made to the Add Location Dialog:<ul style="list-style-type: none"><li>① A scroll bar has been added to the dialog. This allows the entire contents to be displayed when they cannot be shown otherwise.</li><li>② Control for detailed display of construction signals (single-lane) When the “Construction Signal (Single-Lane)” checkbox is unchecked, the signal settings items are hidden. When checked, the detailed settings items are now displayed</li></ul></li></ul> <div><p>When the checkbox is unchecked, details are hidden. チェックボックスがオフ時は詳細は非表示</p></div> <div><p>When the checkbox is selected, details are displayed. Use the scrollbar to view the entire content. チェックボックスがオン時は詳細は表示 スクロールバーで全体を表示</p></div>





NO.	Target Functions	Overview
9	Machine Simulation (Bug Repair)	<ul style="list-style-type: none"><li>Overview : Fixed an issue where icons did not invert when hovering over them in the plan list.</li><li>Details : We fixed an issue where icons for other plans did not highlight when hovering over them in the plan list dialog. This fix ensures that icons for other plans now highlight correctly when hovered over.</li></ul>  <div>Modified so that icons for other plans invert when hovered over 他プランのアイコンがマウスオーバー時に反転表示されるように改修</div> 



NO.	Target Functions	Overview
10	Machine Simulation (Bug Repair)	<ul style="list-style-type: none"><li>Overview : Fixed an issue where unnecessary buttons appeared when deleting data while items were hidden on the Basic Data screen.</li><li>Details : We have fixed an issue where unnecessary list display buttons appeared after deleting data in the Shovel tab, Bulldozer tab, and Wheel Loader tab of the Basic Data screen when the [ICT Equipment] item was hidden. With this fix, unnecessary buttons will no longer appear when deleting data with the item hidden.</li></ul> 



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		<div><div>ショベルブルドーザーダンプトラックホイールローダーローラー土質作業者路面費用他非稼働日</div><div>CSVインポート/エクスポート保存</div><table><thead><tr><th></th><th>名称</th><th></th><th>整地時間</th><th>締固め作業時間</th><th>法面整形能力</th><th>改良処理能力</th></tr></thead><tbody><tr><td>×</td><td>Bucket capacity: 0.11m3 / Veh</td><td>sec</td><td>3sec</td><td>4sec</td><td>376.74ft2/h</td><td>5.9411yd3/h</td></tr><tr><td>×</td><td>Bucket capacity: 0.14m3 / Veh</td><td>sec</td><td>3</td><td></td><td></td><td>11yd3/h</td></tr><tr><td>×</td><td>Bucket capacity: 0.22m3 / Veh</td><td>sec</td><td>3</td><td></td><td></td><td>811yd3/h</td></tr></tbody></table><div>Modify to display in the correct units 正しい単位で表示されるように改修</div></div>		名称		整地時間	締固め作業時間	法面整形能力	改良処理能力	×	Bucket capacity: 0.11m3 / Veh	sec	3sec	4sec	376.74ft2/h	5.9411yd3/h	×	Bucket capacity: 0.14m3 / Veh	sec	3			11yd3/h	×	Bucket capacity: 0.22m3 / Veh	sec	3	
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12	Machine Simulation (Bug Repair)	<ul style="list-style-type: none"><li>• Overview : Fixed an issue where the input check failed to function after navigating to another screen.</li><li>• Details : We fixed a bug where if you navigated to another screen without entering data in the field and then returned, the data entry check failed to function, allowing the save button to be pressed. This fix ensures that the data entry check now functions correctly even when returning from another screen.</li></ul> <div data-bbox="598 727 1359 1295"></div> <div data-bbox="1400 727 2175 1295"></div> <p data-bbox="1462 1031 2190 1187">Modified to ensure the input check functions after transitioning to another screen 他画面遷移後に未入力チェックが機能するように改修</p>



NO.	Target Functions	Overview
13	Machine Simulation (Bug Repair)	<ul style="list-style-type: none"><li>• Overview : Fixed an issue where the system failed to switch to a manual route when route search failed on a shared route.</li><li>• Details : Fixed an issue where road fitting would not be disabled on some routes when road fitting search failed on shared routes. This fix ensures that when search fails, it will now correctly switch to manual settings.</li></ul>  <p>Modified to release shared routes and switch to manual settings when exploration fails. 探索失敗時に共有ルートが解除され、手動設定に切り替わるように改修</p>



