# Concept Report

| Name | Precision | Recall | f1-Score | Support |
|------|-----------|--------|----------|---------|
| main_color_white | 0.999371 | 1.0 | 0.999686 | 9540 |
| main_color_red | 1.0 | 1.0 | 1.0 | 630 |
| main_color_blue | 1.0 | 0.99774 | 0.998869 | 1770 |
| main_color_yellow | 1.0 | 0.997101 | 0.998549 | 690 |
| border_color_white | 1.0 | 0.995833 | 0.997912 | 960 |
| border_color_red | 0.999347 | 1.0 | 0.999673 | 9180 |
| shape_round | 1.0 | 0.99951 | 0.999755 | 8160 |
| shape_triangular | 0.997726 | 1.0 | 0.998862 | 3510 |
| shape_square | 1.0 | 0.997101 | 0.998549 | 690 |
| shape_octagonal | 1.0 | 1.0 | 1.0 | 270 |
| number_0 | 0.999768 | 0.999537 | 0.999653 | 4320 |
| number_1 | 0.985572 | 0.986667 | 0.986119 | 900 |
| number_2 | 0.994129 | 0.996078 | 0.995103 | 510 |
| number_3 | 0.99723 | 1.0 | 0.998613 | 720 |
| number_5 | 1.0 | 0.997333 | 0.998665 | 750 |
| number_6 | 0.995506 | 0.984444 | 0.989944 | 450 |
| number_7 | 1.0 | 0.987879 | 0.993902 | 660 |
| number_8 | 0.98731 | 0.997436 | 0.992347 | 780 |
| symbol_car | 0.997921 | 1.0 | 0.998959 | 1440 |
| symbol_truck | 1.0 | 0.997778 | 0.998888 | 900 |
| symbol_stop | 1.0 | 1.0 | 1.0 | 270 |
| symbol_animal | 0.99631 | 1.0 | 0.998152 | 270 |
| symbol_ice | 0.993333 | 0.993333 | 0.993333 | 150 |
| symbol_children | 0.980392 | 1.0 | 0.990099 | 150 |
| symbol_pedestrian | 0.958904 | 1.0 | 0.979021 | 210 |
| symbol_construction_site | 0.995851 | 1.0 | 0.997921 | 480 |
| symbol_attention | 0.99729 | 0.94359 | 0.969697 | 390 |
| symbol_traffic_lights | 0.994475 | 1.0 | 0.99723 | 180 |
| symbol_bicycle | 0.989011 | 1.0 | 0.994475 | 90 |
| symbol_narrow_point | 1.0 | 1.0 | 1.0 | 90 |
| symbol_uneven | 1.0 | 0.925 | 0.961039 | 120 |
| symbol_diagonal_stripes | 1.0 | 1.0 | 1.0 | 360 |
| symbol_right_of_way | 1.0 | 0.995238 | 0.997613 | 420 |
| symbol_horizontal_bar | 1.0 | 1.0 | 1.0 | 360 |
| symbol_curve_left | 0.983607 | 1.0 | 0.991736 | 60 |
| symbol_curve_right | 0.9 | 1.0 | 0.947368 | 90 |
| symbol_double_curve | 1.0 | 1.0 | 1.0 | 90 |
| symbol_arrow_right | 0.99697 | 0.99697 | 0.99697 | 330 |

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|---|---|---|---|---|
| symbol_arrow_left | 0.989011 | 1.0 | 0.994475 | 180 |
| symbol_arrow_straight | 0.996479 | 0.992982 | 0.994728 | 570 |
| symbol_arrow_bottom_right | 0.997097 | 0.995652 | 0.996374 | 690 |
| symbol_arrow_bottom_left | 1.0 | 1.0 | 1.0 | 90 |
| symbol_arrow_roundabout | 1.0 | 0.955556 | 0.977273 | 90 |
| micro avg | 0.998268 | 0.998116 | 0.998192 | 52560 |
| macro avg | 0.993549 | 0.993785 | 0.993524 | 52560 |
| weighted avg | 0.998298 | 0.998116 | 0.998189 | 52560 |
| samples avg | 0.998296 | 0.998056 | 0.998109 | 52560 |