N. P. R^Y, Minnesota Division.

Assignment of Engines in Road Service, December 1896.

Engine Number	Page (Diagrams of Locomotives of Sept. 96.) (Office of Supt. M.P. & R.S.)	Class of Engine	Cylinder	Length of Fire Box, inside	Height of Fire Box, front	Height of Fire Box, back	Width of Fire Box, top	Width of Fire Box, bottom	Number of Tubes	Diameter of Tubes	Heating Surface	Length of Tubes over Tube Sheets	Diameter of Drivers	Weight on Drivers	Weight on Truck	Total Weight of Engine	Total Weight of Eng. & Tender	Engine Rating
			inches	inches	inches	inches	inches	inches		inches	Sq. Ft.	Ft. & inches	inches	Pounds	Pounds	Pounds	Pounds	Tons
13 21 91 *118 120	1	C. 2. 8 wheel (old standard) (Baldwin)	17 x 24	64¼	65	64	42⅜	34¼	153	2		11-7¾	62	49400	27700	77100	141820	896
169	7	C. 2. 8 wheel (Taunton)	17 x 24	72	64	64	40¼	35	178	2		11-6¼	62	51600	28800	80400	147431	934
197 200 252 254	12	C. 2. 8 wheel (Hinkley)	17 x 24	72	69¼	68⅞	40½	35⅞	160	2		11-0	62	51400	30000	81400	144400	934
233 363	9	C. 2. 8 wheel (New Portland)	17 x 24	69½	63	61½	47¼	34¼	196	2		11-11¼	62	53000	31050	84050	152142	959
255 258 259	10	C. 2. 8 wheel (N. Y. L. W.)	17 x 24	64¼	69¾	69	47¼	33⅝	198	2		11-10¼	62	53650	30350	84000	149618	959
274 *275 *276 *277 *281	5	C. 2. 8 wheel (Standard) (Baldwin)	17 x 24	69⅛	72	71	44½	33½	196	2		12-0⅝	62	55500	32500	88000	154260	959
338 339 345 346 348	11	C. 2. 8 wheel (N. Y. L. W.)	17 x 24	71	74	73¾	51	33¾	196	2		11-10½	62	59250	31050	90300	156357	959
*401 *402	14	C. 2. 8 wheel (Baldwin)	17 x 24	78	74½	73½	48	34⅛	234	2		11-10¼	62	58750	32450	91200	159950	959
*411 *412	15	N. Passenger (Baldwin)	18 x 24	71½	74½	73½	49¼	33⅜	235	2		11-11	62	63900	36600	100500	169540	1170
317 318 324 325 328	16	D. Mogul (Baldwin)	12 x 24	67¼	72	71	49¼	33½	233	2		12-0	54	78300	14600	92900	159550	1260
532 584 588 589 590 591 593 594 595 598 700 701 703 706 709 710 711 712 715 716 718 722 724 726	18	D. 3. Mogul (Baldwin)	18 x 24	71¾	77	76	54	34	233	2		11-7¾	56	85900	18500	104400	175290	1303
*432 *433	21	E. 2. Ten Wheel (Baldwin)	19 x 24	78½	76	74½	54	34⅛	192	2¼		12-10½	62	76700	31300	108000	177700	1311
*614 *623	22	E. 3. Ten Wheel (Baldwin)	19 x 24	78¼	81½	80	58¼	34¼	213	2¼		12-9¾	62	81300	33200	114500	187980	1311
*629 *630	24	E. 5. Ten Wheel (Schenectady)	19 x 24	102	67½	60	57¼	41¼	268	2		13-0	60	102000	30000	132000	211670	1465

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Note: Rating shown is for favorable conditions between North Town Junction and Little Falls.

* These engines actually in passenger service December 1st 1896.

Office of Chf. Engr. Dec. 22nd 1896.

N. P. Ry. Lake Superior Division.

Assignment of Engines in Road Service, December 1896.

Engine Number	Page (Diagrams of Locomotives of Sept. '96) (Office of Supt. M.P.M. & R.S.)	Class of Engine	Cylinder	Length of Fire Box, inside	Height of Fire Box, front	Height of Fire Box, back	Width of Fire Box, top	Width of Fire Box, bottom	Number of Tubes	Diameter of Tubes	Heating Surface	Length of Tubes over Tube Sheets	Diameter of Drivers	Weight on Drivers	Weight on Truck	Total Weight of Engine	Total Weight of Eng. & Tender	Engine Rating
			inches	inches	inches	inches	inches	inches		inches	Sq. Ft.	Ft. & inches	inches	Pounds	Pounds	Pounds	Pounds	Tons
30	1	C.2.8 wheel (old standard) (Baldwin)	17 x 24	64¾	65	64	42⅜	34¼	153	2		11-7¾	62	49400	27700	77100	141820	375
67	6	C.2.8 wheel (Manchester)	17 x 24	66¼	67¼	67¼	43¾	35¼	167	2		11-10¼	62	48700	29700	78400	149502	366
95	2	C.2.8 wheel (Baldwin)	17 x 24	63¼	77¾	77	43	34¼	154	2		11-8¾	62	49900	29900	79800	143076	375
*167 *278 279 *280	5	C.2.8 wheel (Standard) (Baldwin)	17 x 24	69⅛	72	71	44½	33½	196	2		12-0⅜	62	55500	32500	88000	154260	401
172 182 204	8	C.2.8 wheel (Old Portland)	17 x 24	64⅜	64	64	43¼	33⅝	154	2		10-11⅞	62	48500	30000	78500	142798	366
253	12	C.2.8 wheel (Hinkley)	17 x 24	72	69¼	68⅞	40½	35⅞	160	2		11-0	62	51400	30000	81400	144400	392
256 257	10	C.2.8 wheel (N.Y.L.W.)	17 x 24	64¼	69¾	69	47¼	33⅝	198	2		11-10½	62	53650	30350	84000	149618	401
414	15	N. Passenger (Baldwin)	18 x 24	71½	74½	73½	49¼	33⅜	235	2		11-11	62	63900	36600	100500	169540	496
319 327	16	D. Mogul (Baldwin)	18 x 24	67¼	72	71	49¼	33½	233	2		12-0	54	78300	14600	92900	159550	541
506 511 515 519 520 523	17	D.2. Mogul (Baldwin)	18 x 24	71	77½	76	54½	34⅛	248	2		11-7¾	54	85350	16750	102100	169130	585 557
526 527 528 529 530 535 536 537 538 541 544 549 578 582 592 705 714 39	18	D.3 Mogul (Baldwin)	18 x 24	71¾	77	76	54	34	233	2		11-7¾	56	85900	18500	104400	175290	557

Note: Rating shown is for favorable condition between Ashland and Duluth.

* These engines actually in passenger service December 1st 1896.

Assignment of Engines in Road Service, December 1896.

Engine Number	Page (Diagrams of Locomotives of Sept '96) (Office of Supt M.P.M. & R.S.)	Class of Engine	Cylinder	Length of Fire Box, inside	Height of Fire Box, front	Height of Fire Box, back	Width of Fire Box, top	Width of Fire Box, bottom	Number of Tubes	Diameter of Tubes	Heating Surface	Length of Tubes over Tube Sheets	Diameter of Drivers	Weight on Drivers	Weight on Truck	Total Weight of Engine	Total Weight of Eng. & Tender	Engine Rating
			inches	inches	inches	inches	inches	inches		inches	Sq. ft.	ft. & inches	inches	Pounds	Pounds	Pounds	Pounds	Tons
1 2	39	C.Z.8 wheel N.P.&M. (C.L.&E.Co)	17×24	71	66	66		35	175	2		11-8½	62	53000	27000	80000	160000	
5 6	40	C.Z.8 wheel N.P.&M. (C.L.&E.Co)	17×24	72	66½	66½		35	148	2		11-2	62	44000	22400	66400	126400	
7 8	41	C.Z.8 wheel N.P.&M. (C.L.&E.Co)	17×24	72	69	69			191	2		11-9	66	53600	32400	86000	166000	
9	42	C.Z.8 wheel N.P.&M. (C.L.&E.Co)	17×24	72	69	69			191	2		11-9	62	53600	32400	86000		
15 16 17 24 26 27 28 88 92 123 124	1	C.Z.8 wheel (old standard) (Baldwin)	17×24	64¾	65	64	42⅜	34¼	153	2		11-7¾	62	49400	27700	77100	141820	928
94	2	C.Z.8 wheel (Baldwin)	17×24	63¼	77¾	77	43	34¼	154	2		11-8¾	62	49900	29900	79800	143070	928
160 163 166 293 336	5	C.Z.8 wheel (standard) (Baldwin)	17×24	69⅛	72	71	44½	33½	196	2		12-0⅜	62	55500	32500	88000	154260	994
170	7	C.Z.8 wheel (Taunton)	17×24	72	64	64	40½	35	178	2		11-6¼	62	51600	28800	80400	147431	968
174 175 177 219	8	C.Z.8 wheel (Old Portland)	17×24	64⅜	64	64	43¼	33⅝	154	2		10-11⅞	62	48500	30000	78500	142798	909
234 247 254 260	9	C.Z.8 wheel (New Portland)	17×24	69½	63	61½	47¼	34⅛	196	2		11-11¼	62	53000	31050	84050	152142	994
340	11	C.Z.8 wheel (N.Y.L.W.)	17×24	71	74	73¾	51	33¾	196	2		11-10½	62	59250	31050	90300	156357	994
199	12	C.Z.8 wheel (Hinkley)	17×24	72	69¼	68⅞	40½	35⅞	160	2		11-0	62	51400	30000	81400	144400	968
3 4	43	D. Mogul N.P.&M. (C.L.&E.Co)	18×24	96	55½	42		42¾	218	2		11-11	57	84000	16000	100000	180000	
314	17	D.Z. Mogul (Baldwin)	18×24	71	77½	76	54½	34⅛	248	2		11-7¾	54	85350	16750	102100	169130	1406
146	19	K. Mogul (Baldwin)	18×24	67	69	68	49	33	234	2		12-0½	54	77000	15200	92200	158850	1305

39 Note: Rating shown is for favorable conditions between Winnipeg Jct. and East Grand Forks.

* These engines actually in passenger service December 1st 1896.

Office of Chf. Engr. Dec. 22nd 189[illegible]

N. P. Ry. Dakota Division.

Assignment of Engines in Road Service. December 1896.

Engine Number.	Page (Diagrams of Locomotives of Sept. 96 Officers Instr. M.P.M. & R.S.)	Class of Engine.	Cylinder.	Length of Fire Box, inside.	Height of Fire Box, Front.	Height of Fire Box, back.	Width of Fire Box, top.	Width of Fire Box, bottom.	Number of Tubes.	Diameter of Tubes.	Heating Surface.	Length of Tubes over Tube Sheets.	Diameter of Drivers.	Weight on Drivers.	Weight on Truck.	Total Weight of Engine.	Total Weight of Eng. & Tender.	Engine Rating.
			inches.	inches.	inches.	inches.	inches.	inches.		inches.	Sq. ft.	Ft. & inches.	inches.	pounds.	pounds.	pounds.	pounds.	Tons.
14 18 31 85 115 116 117	1	C.2.8 wheel (old standard) (Baldwin)	17×24	64¾	65	64	42⅜	34¼		2		11-7¾	62	49400	27700	77100	141820	530
*159 282 284 285 286	5	C.2.8 wheel (standard) (Baldwin)	17×24	69⅛	72	71	44½	33½	196	2		12-0⅜	62	55500	32500	88000	154260	567
176 180	8	C.2.8 wheel (Old Portland)	17×24	64⅜	64	64	43¼	33⅝	154	2		10-11⅜	62	48500	30000	78500	142798	519
226 227 228 230 266 267 351 363 364	9	C.2.8 wheel (New Portland)	17×24	69½	63	61½	47¼	34½	196	2		11-11¼	62	53000	31050	84050	152142	567
349	11	C.2.8 wheel (N.Y.L.W.)	17×24	71	74	73¾	51	33¾	196	2		11-10½	62	59250	31050	90300	156357	567
195 198	12	C.2.8 wheel (Hinkley)	17×24	72	69¼	68⅞	40½	35⅛	160	2		11-0	62	51400	30000	81400	144400	554
*321 322 323 326	16	D. Mogul (Baldwin)	18×24	67¼	72	71	49¼	33½	233	2		12-0	54	78300	14600	92900	159550	756
517	17	D.2. Mogul (Baldwin)	18×24	71	77½	76	54½	34⅛	248	2		11-7¾	54	85350	16750	102100	169130	779
551 552 553 554 555 557 559 564 569 570 579 597 704 707 708 717 723 727	18	D.3 Mogul (Baldwin)	18×24	71¾	77	76	54	34	233	2		11-7¾	56	85900	18500	104400	175290	779
147	19	K. Mogul (Baldwin)	18×24	67	69	68	49	33	234	2		12-0½	54	77000	15200	92200	158850	756
434 435 *436	21	E.2. 10 wheel (Baldwin)	19×24	78½	76	74½	54	34⅛	192	2¼		12-10½	62	76700	31300	108000	177700	783
*622 624 *625 *628	22	E.3. 10 wheel (Baldwin)	19×24	78¼	81½	80	58¼	34⅛	213	2¼		12-9¾	62	81300	33200	114500	187980	732

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Note: Rating shown is for favorable conditions between Fargo and Oriska.

* These engines actually in passenger service December 1st 1896.

Office of Chf. Engr. Dec. 22nd 1896

N. P. R.R. Missouri Division.

Assignment of Engines in Road Service, December 1896.

Engine Number.	Page (Biographies of Locomotives of Sept. '96) (Office of Supt. M.P. & M. R.S.)	Class of Engine.	Cylinder.	Length of Fire Box, inside.	Height of Fire Box, Front.	Height of Fire Box, back.	Width of Fire Box, top.	Width of Fire Box, bottom.	Number of Tubes.	Diameter of Tubes.	Heating Surface.	Length of Tubes over Tube Sheets.	Diameter of Drivers.	Weight on Drivers.	Weight on Truck.	Total Weight of Engine.	Total Weight of Eng. & Tender.	Engine Rating.
			inches.	inches.	inches.	inches.	inches	inches.		inches	Sq. ft.	Ft. & inches	inches	Pounds	Pounds.	Pounds.	Pounds	Tons.
22 29 152	1	C.2. 8 wheel (old standard) (Baldwin)	17 x 24	64¾	65	64	42⅜	34¼	153	2		11-7¾	62	49400	27700	77100	141820	405
353	9	C.2. 8 wheel (New Portland)	17 x 24	69½	63	61½	47¼	34¼	196	2		11-11¼	62	53000	31050	84050	152142	433
347	11	C.2. 8 wheel (N.Y.L.W.)	17 x 24	71	74	73¾	51	33¾	196	2		11-10½	62	59250	31050	90300	156357	433
413	15	N. Passenger (Baldwin)	18 x 24	71½	74½	73½	49¼	33⅜	235	2		11-11	62	63900	36600	100500	169540	534
512 516	17	D.2. Mogul (Baldwin)	18 x 24	71	77½	76	54½	34⅛	248	2		11-7¾	54	85350	16750	102100	169130	600
565 566 567 568 572 587 599 702 713 721	18	D.3. Mogul (Baldwin)	18 x 24	71¾	77	76	54	34	233	2		11-7¾	56	85900	18500	104400	175290	600
437	21	E.2. 10 wheel (Baldwin)	19 x 24	78½	76	74½	54	34⅛	192	2¼		12-10½	62	76700	31300	108000	177700	603
600 601 602 604 605	22	E.3. 10 wheel (Baldwin)	19 x 24	78¼	81½	80	58¼	34¼	213	2¼		12-9¾	62	81300	33200	114500	187980	603
461 462 464 465 466 467 468 469	26	F. Consolidation (Baldwin)	20 x 24	103⅜	53½	50½	54	42⅞	266	2		12-8⅞	49	96000	12000	108000	185500	847
498 33	27	F.2. Consolidation (Baldwin)	21 x 26	112	63	56	56	42	231	2¼		13-4½	52	122000	14000	136000	226000	989

Note: Rating shown is for favorable conditions between Mandan and New Salem.

* These engines actually in passenger service December 1st 1896.

Office of Chf. Engr. Dec. 22nd 18[illegible]

N. P. R'y. Yellowstone Division.

Assignment of Engines in Road Service, December 1896.

Engine Number.	Page (Diagrams of Locomotives of Sept. 96 Office of Supt. N.P.R.R.)	Class of Engine.	Cylinders.	Length of Fire Box, inside.	Height of Fire Box, front.	Height of Fire Box, back.	Width of Fire Box, top.	Width of Fire Box, bottom.	Number of Tubes.	Diameter of Tubes.	Heating Surface.	Length of Tubes over Tube Sheets.	Diameter of Drivers.	Weight on Drivers.	Weight on Truck.	Total Weight of Engine.	Total Weight of Eng. & Tender.	Engine Rating.
			inches.	inches.	inches.	inches.	inches.	inches.		inches.	Sq. Ft.	ft. inches.	inches.	Pounds.	Pounds.	Pounds.	Pounds.	Tons.
19 20 23 87 98	1	C.2. 8 wheel (old standard) (Baldwin)	17 x 24	64 3/4	65	64	42 3/8	34 1/4	153	2		11-7 3/4	62	49400	27700	77100	141820	64
97	3	C. 2. 8 wheel (Baldwin)	17 x 24	64 1/2	63 3/4	63 3/4	43	34 1/4	149	2		11-9	62	45350	29450	74800	139200	
168 287 288 289 290 292 334 337	5	C.2. 8 wheel (Standard) (Baldwin)	17 x 24	69 1/8	72	71	44 1/2	33 1/2	196	2		12-0 3/8	62	53500	32500	88000	154260	680
183	8	C.2. 8 wheel (Old Portland)	17 x 24	64 3/8	64	64	43 1/4	33 5/8	154	2		10-11 3/8	62	48500	30000	78500	142798	630
225 238 244 260 261 352 359 361	9	C.2. 8 wheel (New Portland)	17 x 24	69 1/2	63	61 1/2	47 1/4	34 1/4	196	2		11-11 1/4	62	53000	31050	84050	152142	669
196 251	12	C.2. 8 wheel (Winkler)	17 x 24	72	69 1/4	68 7/8	40 1/2	35 7/8	160	2		11-0	62	51400	30000	81400	144400	672
*408 *415 *416 *417	15	N. Passenger (Baldwin)	18 x 24	71 1/2	74 1/2	73 1/2	49 1/4	33 3/8	235	2		11-11	62	63900	36600	100500	169840	843

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Note: Rating shown is for favorable conditions between Glendive and Forsythe.

* These engines actually in passenger service December 1st 1896.

Office of Chf. Engr. Dec. 22nd 189

N. P. Ry. Montana Division.

Assignment of Engines in Road Service, December 1896.

Engine Number.	Page (Diagrams of Locomotives at Seat of Office of Supt. N.P.R.R.)	Class of Engine.	Cylinder.	Length of Fire Box, inside.	Height of Fire Box, front.	Height of Fire Box, back.	Width of Fire Box, top.	Width of Fire Box, bottom.	Number of Tubes.	Diameter of Tubes.	Heating Surface.	Length of Tubes over Tube Sheets.	Diameter of Drivers.	Weight on Drivers.	Weight on Truck.	Total Weight of Engine.	Total Weight of Eng. & Tender.	Engine Rating.
			inches.	inches.	inches.	inches.	inches	inches		inches	Sq. Ft.	Ft & inches	inches	Pounds	Pounds.	Pounds	Pounds	Tons.
86 89	1	C.2.8 wheel (old standard) (Baldwin)	17 x 24	64 3/4	65	64	42 3/8	34 1/4	163	2		11-7 3/4	62	49400	27700	77100	141820	565
161 162 164 165 283 291	5	C.2.8 wheel (Standard) (Baldwin)	17 x 24	69 1/8	72	71	44 1/2	33 1/2	196	2		12-0 3/8	62	55500	32500	88000	154260	605
65 68 71	6	C.2.8 wheel (Manchester)	17 x 24	66 1/4	67 1/4	67 1/2	43 3/4	35 1/4	167	2		11-10 1/4	62	48700	29700	78400	149502	554
228 231 248 262 356 363	9	C.2.8 wheel (New Portland)	17 x 24	69 1/2	63	61 1/2	47 1/4	34 1/4	196	2		11-11 1/4	62	53000	31050	84050	152142	605
403 404 406 418	15	N. Passenger (Baldwin)	18 x 24	71 1/2	74 1/2	73 1/2	49 1/4	33 3/8	235	2		11-11	62	63900	36600	100500	169540	743
507 518 524	17	D.2. Mogul (Baldwin)	18 x 24	71	77 1/2	76	54 1/2	34 1/8	243	2		11-7 3/4	54	85350	16750	102100	169130	668 830
542 543 546 547 548 560 577 581 583 586	18	D.3. Mogul (Baldwin)	18 x 24	71 3/4	77	76	54	34	233	2		11-7 3/4	56	85900	18500	104400	175290	830
145 148 149	19	K. Mogul (Baldwin)	18 x 24	76	69	68	49	33	234	2		12-0 1/2	54	77000	15200	92200	158850	805
453 456 459	20	E. 10 wheel (Baldwin)	19 x 24	71 3/8	70 1/2	69 3/8	48	32 1/2	190	2 1/4		12-2 3/4	54	69645	25575	95220	164120	822
442 443	21	E.2. 10 wheel (Baldwin)	19 x 24	78 1/2	76	74 1/2	54	34 1/8	192	2 1/4		12-10 1/2	62	76700	31300	108000	177700	835
503 506 507 527	22	E.3. 10 wheel (Baldwin)	19 x 24	78 1/4	81 1/2	80	58 1/4	34 1/4	213	2 1/4		12-9 3/4	62	81300	33200	114500	187980	835
499	27	F.2. Consolidation (Baldwin)	21 x 28	112	63	56	56	42	231	2 1/4		13-4 1/2	52	122000	14000	136000	226000	1354
460 470 471 472 473 476 482 486 494 495 496 551 559	28	F.1. Consolidation (Baldwin)	22 x 28	121	63	59 1/2	62 1/2	42	271	2 1/4		13-6	50	135000	15000	150000	227600	1654

Note: Rating shown is for favorable conditions between Billings and Livingstone.

* These engines actually in passenger service December 1st 1896.

N. P. R'y. Rocky Mountain Division.

Assignment of Engines in Road Service. December 1896.

Engine Number.	Page (Diagrams of Locomotives of Sept. '96. Office of Supt. M. E. & R. S.)	Class of Engine.	Cylinder.	Length of Fire Box, inside.	Height of Fire Box, front.	Height of Fire Box, back.	Width of Fire Box, top.	Width of Fire Box, bottom.	Number of Tubes.	Diameter of Tubes.	Heating Surface.	Length of Tubes over Tube Sheets.	Diameter of Drivers.	Weight on Drivers.	Weight on Truck.	Total Weight of Engine.	Total Weight of Eng. & Tender.	Engine Rating.
			inches.	inches.	inches.	inches.	inches.	inches.		inches.	Sq. Ft.	Ft. & inches.	inches.	Pounds.	Pounds.	Pounds.	Pounds.	Tons.
32 93	1	C. 2. 8 wheel (old standard) (Baldwin)	17 x 24	64¾	65	64	42⅜	34¼	153	2		11-7¾	62	49400	27700	77100	141820	150
154	5	C. 2. 8 wheel (standard) (Baldwin)	17 x 24	69½	72	71	44½	33½	196	2		12-0⅜	62	55500	32500	88000	154280	160
189 213	8	C. 2. 8 wheel (Old Portland)	17 x 24	64⅜	64	64	43¼	33⅞	154	2		10-11⅞	62	48500	30000	78500	142798	145
232 235 237 240 241 242 243 245 246 249 263 264 271 273 350 357 358 362	9	C. 2. 8 wheel (New Portland)	17 x 24	69½	63	61½	47¼	34¼	196	2		11-11¼	62	53000	31050	84050	152142	160
419 420 421 422 *423	15	N. Passenger (Baldwin)	18 x 24	71½	74½	73½	49¼	33⅜	235	2		11-11	62	63900	36600	100500	189540	205
320	16	D. Mogul (Baldwin)	18 x 24	67¼	72	71	49¼	33½	233	2		12-0	54	78300	14600	92900	159550	231
509	17	D. 2. Mogul (Baldwin)	18 x 24	71	77½	76	54½	34⅛	248	2		11-7¾	54	85350	16750	102100	169130	251
534 571 572	18	D. 3. Mogul (Baldwin)	18 x 24	71¾	77	76	54	34	233	2		11-7¾	56	85900	18500	104400	175290	235
1 2	44	Narrow Gauge Mogul (Grant)	13 x 18	68½	48	48	32	18	104	2		8-8¼	42	44540	960	45500	75700	
451 452 454 455 458	20	E. 10 wheel (Baldwin)	19 x 24	71⅜	70½	69⅜	48	32½	190	2¼		12-2¾	54	69645	25575	95220	164120	236
*438 439 440 *441	21	E. 2. 10 wheel (Baldwin)	19 x 24	78½	76	74½	54	34⅛	192	2¼		12-10½	62	76700	31300	108000	177700	236
*612 626	22	E. 3. 10 wheel (Baldwin)	19 x 24	78¼	81½	80	58¼	34¼	213	2¼		12-9¾	62	81300	33200	114500	187980	236
*448	25	E. 1. 10 wheel (Manchester)	19 x 26	76½	80		49	35	223	2		13-6½	59	80000	30600	110600	185800	279
474 475 477 478 479 480 481 483 484 485 487 491 493 497 652	28	F. 1. Consolidation (Baldwin)	22 x 28	121	63	59½	62½	42	271	2¼		13-6	50	135000	15000	150000	227600	450
500	29	M. Decapod (Baldwin)	22 x 26	121	60¾	57	57	42½	270	2¼		13-6	45	130540	14480	145020	222600	435

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Note: Rating shown is for favorable conditions between Helena and Blossburg.

* These engines actually in passenger service December 1st 1896.

N. P. RY. Idaho Division.

Assignment of Engines in Road Service, December 1896.

Engine Number	Page (Diagrams of Locomotives of Sept. '96) (Office of Supt. M.P. & R.S.)	Class of Engine	Cylinder	Length of Fire Box, inside	Height of Fire Box, front	Height of Fire Box, back	Width of Fire Box, top	Width of Fire Box, bottom	Number of Tubes	Diameter of Tubes	Heating Surface	Length of Tubes over Tube Sheets	Diameter of Drivers	Weight on Drivers	Weight on Truck	Total Weight of Engine	Total Weight of Eng. & Tender	Engine Rating
			inches.	inches.	inches.	inches.	inches.	inches.		inches.	Sq. ft.	ft. & inches.	inches.	Pounds.	Pounds.	Pounds.	Pounds.	Tons.
*84 *119 121 153	1	C.2. 8 wheel (old standard) (Baldwin)	17 x 24	64¾	65	64	42⅜	34¼	153	2		11-7½	62	49400	27700	77100	141820	627
100	4	C.2. 8 wheel (Baldwin)	17 x 24	108	48	39	42½	43½	153	2		11-11	62	54000	26000	80000	145000	672
155 *156 157 158 294 295 296	5	C.2. 8 wheel (standard) (Baldwin)	17 x 24	69⅛	72	71	44½	33½	196	2		12-0⅜	62	55500	32500	88000	154260	672
181 192 220	8	C.2. 8 wheel (Old Portland)	17 x 24	64⅜	64	64	43¼	33⅝	154	2		10-11⅜	62	48500	30000	78500	142798	615
265 268 270	9	C.2. 8 wheel (New Portland)	17 x 24	69½	63	61½	47¼	34¼	196	2		11-11¼	62	53000	31050	84050	152142	672
341 *342 343 344	11	C.2. 8 wheel (N.Y.L.W.)	17 x 24	71	74	73¾	51	33¾	196	2		11-10½	62	59250	31050	90300	156357	672
405 410 424	15	N. Passenger (Baldwin)	18 x 24	71½	74½	73½	49¼	33⅜	235	2		11-11	62	63900	36600	100500	169540	823
504 510 513 521 522	17	D.2. Mogul (Baldwin)	18 x 24	71	77½	76	54½	34⅛	248	2		11-7¾	54	85350	16750	102100	169130	961
525 540 561 575 596 719 725	18	D.3 Mogul (Baldwin)	18 x 24	71¾	77	76	54	34	233	2		11-7¾	56	85900	18500	104400	175290	919 919
446 447 449 450	25	E.1. 10 wheel (Manchester)	19 x 26	76½	80		49	35	223	2		13-6½	59	80000	30600	110600	185800	1063
*608 *609 610 *611 *619 46	22	E.3. 10 wheel (Baldwin)	19 x 24	78¼	81½	80	58¼	34¼	213	2¼		12-9¾	62	81300	33200	114500	187980	925

Note Rating shown is for favorable conditions between Hope and Spokane.

* These engines actually in passenger service December 1st 1896.

N. P. Ry. East Cascade Division.

Assignment of Engines in Road Service, December 1896.

Engine Numbers.	Page (Diagrams of Locomotives, effective Sept. 96) (Office of Supt. Nor. Div. N. P. R'y.)	Class of Engine.	Cylinder.	Length of Fire Box, inside.	Height of Fire Box, front.	Height of Fire Box, back.	Width of Fire Box, top.	Width of Fire Box, bottom.	Number of Tubes.	Diameter of Tubes.	Heating Surface.	Length of Tubes over Tube Sheets.	Diameter of Drivers.	Weight on Drivers.	Weight on Truck.	Total Weight of Engine.	Total Weight of Tender	Engine Rating.
			inches.	inches.	inches.	inches.	inches.	inches.		inches.	Sq. Ft.	Ft. & inches.	inches.	Pounds.	Pounds.	Pounds.	Pounds.	Tons.
101	4	C. 2. 8 wheel (Baldwin)	17 x 24	108	48	39	42½	43½	153	2		11-11	62	54000	26000	80000	145000	513
333 335 366	5	C. 2. 8 wheel (Standard) Baldwin	17 x 24	69⅛	72	71	44½	33½	196	2		12-0⅛	62	55500	32500	88000	154280	513
214	8	C. 2. 8 wheel (Old Portland)	17 x 24	64⅜	64	64	43¼	33⅛	154	2		10-11⅛	62	48500	30000	78500	142798	469
236 239 272	9	C. 2. 8 wheel (New Portland)	17 x 24	69½	63	61½	47¼	34¼	196	2		11-11¼	62	53000	31050	84050	152142	513
367	13	C. 2. 8 wheel (Pittsburg)	17 x 24	71	69	66	43½	34½	180	2		11-2½	62	52500	32800	85300	151900	
508	17	D. 2 Mogul (Baldwin)	18 x 24	77	77½	76	54½	34⅛	248	2		11-7¼	54	85350	16750	102100	169130	741
533 720	18	D. 3 Mogul (Baldwin)	18 x 24	71¾	77	76	54	34	233	2		11-7¼	56	85900	18500	104400	175290	707
457	20	E. 10 wheel (Baldwin)	19 x 24	71⅜	70½	69⅜	48	32½	190	2¼		12-2¾	54	69645	25575	95220	164120	701
444 445	21	E. 2. 10 wheel (Baldwin)	19 x 24	78½	76	74½	54	34⅛	192	2¼		12-10½	62	76700	31300	108000	177700	771
*613 *615	22	E. 3. 10 wheel (Baldwin)	19 x 24	78¼	81½	80	58¼	34¼	213	2¼		12-9⅛	62	81300	33200	114500	187980	711

17.

Note: Rating shown is for favorable conditions between Pasco and Ellensburg.

* These engines actually in passenger service December 1st 1896.

N. P. Ry. Pacific Division.

Assignment of Engines in Road Service, December 1896.

Engine Number.	Page (Diagrams of Locomotives of Sept. 96) (Office of Supt. M.P.N.B.R.S.)	Class of Engine.	Cylinder.	Length of Fire Box, inside	Height of Fire Box, front.	Height of Fire Box, back.	Width of Fire Box, top.	Width of Fire Box, bottom.	Number of Tubes.	Diameter of Tubes.	Heating Surface.	Length of Tubes over Tube Sheets.	Diameter of Drivers.	Weight on Drivers.	Weight on Truck.	Total Weight of Engine.	Total Weight of Eng. & Tender.	Engine Rating.
			inches.	inches.	inches.	inches.	inches.	inches.		inches.	Sq. Ft.	Ft. & inches.	inches.	Pounds.	Pounds.	Pounds.	Pounds.	Tons.
*25 33 *90 *96 *99 *114 *122	1	C.2. 8 wheel (old standard) (Baldwin)	17 x 24	64 3/4	63	64	42 3/8	34 1/4	153	2		11-7 3/4	62	49400	27700	77100	141820	454
332	5	C.2. 8 wheel (standard) (Baldwin)	17 x 24	69 1/8	72	71	44 1/2	33 1/2	196	2		12-0 3/8	62	55500	32500	88000	154260	485
178 194 201 205 207 208 209 212 215 216 217 218 222	8	C.2. 8 wheel (Old Portland)	17 x 24	64 3/8	64	64	43 1/4	33 5/8	154	2		10-11 3/8	62	48500	30000	78500	142798	443
250 269	9	C.2. 8 wheel (New Portland)	17 x 24	69 1/2	63	61 1/2	47 1/4	34 1/4	196	2		11-11 1/4	62	53000	31050	84050	152142	485
407 409	15	N. Passenger (Baldwin)	18 x 24	71 1/2	74 1/2	73 1/2	49 1/4	33 3/8	235	2		11-11	62	63900	36600	100500	169540	598
502 503 505	17	D.2. Mogul (Baldwin)	18 x 24	71	77 1/2	76	54 1/2	34 1/8	248	2		11-7 3/4	54	85350	16750	102100	169130	670 702
531 539 545 550 556 558 562 563 574 576 580 585	18	D.3. Mogul (Baldwin)	18 x 24	71 3/4	77	76	54	34	233	2		11-7 3/4	56	85900	18500	104400	175290	670
*616 *617 *618 *620 *621	22	E.3. 10 wheel (Baldwin)	19 x 24	78 1/4	81 1/2	80	58 1/4	34 1/4	213	2 1/4		12-9 3/4	62	81300	33200	114500	187980	674
430 431	23	E.4. 10 wheel (Rhode Island)	19 x 24	78	73	73	57	35	192	2 1/4		11-10	56	90000	23300	113300	185766	753
463	26	F. Consolidation (Baldwin)	20 x 24	103 3/8	53 1/2	50 1/2	54	42 7/8	266	2		12-8 1/8	49	96000	12000	108000	185500	943
488 489 490 492 650	28	F.1. Consolidation (Baldwin)	22 x 28	121	63	59 1/2	62 1/2	42	271	2 1/4		13-6	50	135000	15000	150000	227600	1349
501 54	29	M. Decapod (Baldwin)	22 x 26	121	60 3/4	57	57	42 1/2	270	2 1/4		13-6	45	130540	14480	145020	222600	1302

Note: Rating shown is for favorable conditions between Ellensburg and Easton.

* These engines actually in passenger service December 1st 1896.

Office of Chf. Engr. Dec. 22nd 1896.