


| 1 | 116 | LH 0-42 "Phantom" Manual switch w/Stainless outside rails | each | 40.77 |
| :---: | :---: | :---: | :---: | :---: |
| 1 | 113-RC | RH 0-42 "Phantom" Remote Control switch w/Tinplated outside rails | each | 63.10 |
| 1 | 114-RC | LH O-42 "Phantom" Remote Remote switch w/Tinplated outside rails | each | 63.10 |
| 1 | 115-RC | RH 0-42 "Phantom" Remote Control switch w/Stainless outside rails | each | 65.41 |
| 1 | 116-RC | LH 0-42 "Phantom" Remote Control switch w/Stainless outside rails | each | 65.41 |
| 1 | 118 | Remote Operating Car Track \& Terminal Section Phantom Tinplate | each | 36.15 |
| 1 | 119 | Remote Operating Car Track \& Terminal Section Phantom Stainless | each | 37.69 |
| 1 | 121 | 90 Degree Crossing "Phantom" w/Tinplated outside Rails | each | 23.06 |
| 1 | 122 | 90 Degree Crossing "Phantom" w/Stainless outside Rails | each | 24.60 |
| 1 | 133 | R.H. O-54 "Phantom" Manual switch w/Tinplated outside rails | each | 38.46 |
| 1 | 134 | L.H. O-54 "Phantom" Manual switch w/Tinplated outside rails | each | 38.46 |
| 1 | 135 | R.H. O-54 "Phantom" Manual switch w/Stainless outside rails | each | 40.77 |
| 1 | 136 | L.H. O-54 "Phantom" Manual switch w/Stainless outside rails | each | 40.77 |
| 1 | 133-RC | R.H. 0-54 "Phantom" Remote Control switch w/Tinplated outside rails | each | 63.10 |
| 1 | 134-RC | L.H. O-54 "Phantom" Remote Control switch w/Tinplated outside rails | each | 63.10 |
| 1 | 135-RC | R.H. 0-54 "Phantom" Remote Control switch w/Stainless outside rails | each | 65.41 |
| 1 | 136-RC | L.H. O-54 "Phantom" Remote Control switch w/Stainless outside rails | each | 65.41 |
| 1 | 141 | 0-72 WYE "Phantom" Manual switch w/Tinplated outside rails | each | 38.46 |
| 1 | 142 | 0-72 WYE "Phantom" Manual switch w/Stainless outside rails | each | 40.77 |
| 1 | 141-RC | 0-72 WYE "Phantom" Remote Control switch w/Tinplated outside rails | each | 63.10 |
| 1 | 142-RC | 0-72 WYE "Phantom" Remote Control switch w/Stainless outside rails | each | 63.10 |
| 1 | 143 | R.H. O-72 "Phantom" Manual switch w/Tinplated outside rails | each | 38.46 |
| 1 | 144 | L.H. O-72 "Phantom" Manual switch w/Tinplated outside rails | each | 38.46 |
| 1 | 145 | R.H. O-72 "Phantom" Manual switch w/Stainless outside rails | each | 40.77 |
| 1 | 146 | L.H. O-72 "Phantom" Manual switch w/Stainless outside rails | each | 40.77 |
| 1 | 143-RC | R.H. 0-72 "Phantom" Remote Control switch w/Tinplated outside rails | each | 63.10 |
| 1 | 144-RC | L.H. O-72 "Phantom" Remote Control switch w/Tinplated outside rails | each | 63.10 |
| 1 | 145-RC | R.H. 0-72 "Phantom" Remote Control switch w/Stainless outside rails | each | 65.41 |
| 1 | 146-RC | L.H. 0-72 "Phantom" Remote Control switch w/Stainless outside rails | each | 65.41 |
|  |  | O-Gauge Regular Line Flexible Track with Wood Ties |  |  |
|  |  | With all Bright Rails |  |  |
| 50 | 201 | Regular GarGraves 3 rail with Tinplated rails | each | 8.43 |
| 50 | 202 | Regular GarGraves 3 rail with Stainless Steel rails | each | 9.43 |
|  |  | O-Gauge Regular Line with Wood Ties |  |  |
|  |  | Sectional Curved Sections - 8 per Circle |  |  |
| 8 | WT-32-201 | 32" Regular w/Three Tinplated Rails | each | 7.85 |
| 8 | WT-32-202 | 32" Regular w/Three Stainless Rails | each | 8.43 |
| 8 | WT-42-201 | 42" Regular w/Three Tinplated Rails | each | 8.66 |
| 8 | WT-42-202 | 42" Regular w/Three Stainless Rails | each | 9.24 |
| 8 | WT-54-201 | 54" Regular w/Three Tinplated Rails | each | 9.51 |
| 8 | WT-54-202 | 54" Regular w/Three Stainless Rails | each | 10.09 |
|  |  | 63" thru 106" - 12 sections per circle |  |  |
| 12 | WT-63-201 | 63" Regular w/Three Tinplated Rails | each | 8.12 |
| 12 | WT-63-202 | 63" Regular w/Three Stainless Rails | each | 8.70 |
| 12 | WT-72-201 | 72" Regular w/Three Tinplated Rails | each | 8.66 |
| 12 | WT-72-202 | 72" Regular w/Three Stainless Rails | each | 9.24 |
| 12 | WT-80-201 | 80" Regular w/Three Tinplated Rails | each | 9.51 |
| 12 | WT-80-202 | 80" Regular w/Three Stainless Rails | each | 10.09 |
| 12 | WT-89-201 | 89" Regular w/Three Tinplated Rails | each | 10.24 |
| 12 | WT-89-202 | 89" Regular w/Three Stainless Rails | each | 10.82 |
| 12 | WT-96-201 | 96" Regular /Three Tinplated Rails | each | 10.55 |
| 12 | WT-96-202 | 96" Regular w/Three Stainless Rails | each | 11.13 |
| 12 | WT-106-201 | 106" Regular w/Three Tinplated Rails (3) | each | 10.74 |
| 12 | WT-106-202 | 106" Regular w/Three Stainless Rails | each | 11.32 |
|  |  | 113" thru 138" - 16 sections per circle |  |  |
| 16 | WT-113-201 | 113" Regular w/Three Tinplated Rails | each | 8.97 |
| 16 | WT-113-202 | 113" Regular w/Three Stainless Rails | each | 9.55 |


| 16 | WT-120-201 | 120" Regular w/Three Tinplated Rails | each | 9.28 |
| :---: | :---: | :---: | :---: | :---: |
| 16 | WT-120-202 | 120" Regular /Three Stainless Rails | each | 9.86 |
| 16 | WT-128-201 | 128" Regular w/Three Tinplated Rails | each | 10.55 |
| 16 | WT-128-202 | 128" Regular w/Three Stainless Rails | each | 11.13 |
| 16 | WT-138-201 | 138" Regular w/Three Tinplated Rails | each | 10.74 |
| 16 | WT-138-202 | 138" Regular w/Three Stainless Rails | each | 11.32 |
| O-Gauge Regular Line Straight Sections Rigid |  |  |  |  |
| 12 | WT-201-37 | 37" Regular Straight w/3 Tinplated | each | 10.55 |
| 12 | WT-202-37 | 37" Regular Straight w/3 Stainless Rails | each | 11.13 |
| 12 | WT-201-24 | 24.8" Regular Straight w/3 Tinplated Rails | each | 7.93 |
| 12 | WT-202-24 | 24.8" Regular Straight w/3 Stainless Rails | each | 8.39 |
| 12 | WT-201-12 | 12.4" Regular Straight w/3 Tinplated | each | 5.74 |
| 12 | WT-202-12 | 12.4" Regular Straight w/3 Stainless Rails | each | 6.04 |
| 12 | WT-201-6 | 6.2" Regular Straight w/3 Tinplated Rails | each | 4.54 |
| 12 | WT-202-6 | 6.2" Regular Straight w/3 Stainless Rails | each | 4.77 |
| O-Gauge Regular Line Switches with DZ-2500 Switch Machine |  |  |  |  |
| 1 | 2203 | RH 100" Radius Switch w/Tinplated Rails \& DZ-2500 Switch Machine | each | 67.72 |
| 1 | 2204 | LH 100" Radius Switch w/Tinplated Rails \& DZ-2500 Switch Machine | each | 67.72 |
| 1 | 2205 | RH 100" Radius Switch w/Stainless Rails \& DZ-2500 Switch Machine | each | 70.03 |
| 1 | 2206 | LH 100" Radius Switch w/Stainless Rails \& DZ-2500 Switch Machine | each | 70.03 |
| 1 | 2213 | RH 0-42 Switch w/Tinplated Rails \& DZ-2500 Switch Machine | each | 67.72 |
| 1 | 2214 | LH 0-42 Switch w/Tinplated Rails \& DZ-2500 Switch Machine | each | 67.72 |
| 1 | 2215 | RH 0-42 Switch w/Stainless Rails \& DZ-2500 Switch Machine | each | 70.03 |
| 1 | 2216 | LH 0-42 Switch w/Stainless Rails \& DZ-2500 Switch Machine | each | 70.03 |
| 1 | 2233 | RH O-54 Switch w/Tinplated Rails \& DZ-2500 Switch Machine | each | 67.72 |
| 1 | 2234 | LH 0-54 Switch w/Tinplated Rails \& DZ-2500 Switch Machine | each | 67.72 |
| 1 | 2235 | RH O-54 Switch w/Stainless Rails \& DZ-2500 Switch Machine | each | 70.03 |
| 1 | 2236 | LH O-54 Switch w/Stainless Rails \& DZ-2500 Switch Machine | each | 70.03 |
| 1 | 2241 | 0-72 WYE Switch w/Tinplated rails \& DZ-2500 Switch Machine | each | 67.72 |
| 1 | 2242 | 0-72 WYE Switch w/Stainless rails \& DZ-2500 Switch Machine | each | 70.03 |
| 1 | 2243 | RH 0-72 Switch w/Tinplated Rails \& DZ-2500 Switch Machine | each | 67.72 |
| 1 | 2244 | LH O-72 Switch w/Tinplated Rails \& DZ-2500 Switch Machine | each | 67.72 |
| 1 | 2245 | RH 0-72 Switch w/Stainless Rails \& DZ-2500 Switch Machine | each | 70.03 |
| 1 | 2246 | LH O-72 Switch w/Stainless Rails \& DZ-2500 Switch Machine | each | 70.03 |
|  | O-Gauge Regular Line Switches w/DZ-1000 Switch Machine<>Operating Tracks \& Terminal Tracks |  |  |  |
| 1 | 203 | RH 100" Radius Regular Manual switch w/Tinplated rails | each | 38.46 |
| 1 | 204 | LH 100" Radius Regular Manual switch w/Tinplated rails | each | 38.46 |
| 1 | 205 | RH 100" Radius Regular Manual switch w/Stainless rails | each | 40.77 |
| 1 | 206 | LH 100" Radius Regular Manual switch w/Stainless rails | each | 40.77 |
| 1 | 203-RC | RH 100" Radius Regular Remote Control switch w/Tinplated rails | each | 63.10 |
| 1 | 204-RC | LH 100" Radius Regular Remote Control switch w/Tinplated rails | each | 63.10 |
| 1 | 205-RC | RH 100" Radius Regular Remote Control switch w/Stainless rails | each | 65.41 |
| 1 | 206-RC | LH 100" Radius Regular Remote Control switch w/Stainless rails | each | 65.41 |
| 1 | 207 | Remote Control Magnetic Uncoupling section Tinplated rails | each | 42.31 |
| 1 | 208 | Remote Control Magnetic UC/UL for operatiing cars Tinplated rails | each | 55.40 |
| 1 | 208-EM | Remote Control Magnetic UC/UL Same as 208 but w/magnet on end | each | 55.40 |
| 1 | 209 | Remote Control Magnetic Uncoupling section Stainless rails | each | 43.85 |
| 1 | 210 | Remote Control Magnetic UC/UL for operating cars Stainless rails | each | 56.94 |
| 1 | 210-EM | Remote Control Magnetic UC/UL Same as 210 but w/magnet on end | each | 56.94 |
| 1 | 211 | Terminal/Accessory Control Section Tinplated rails | each | 13.48 |
| 1 | 212 | Terminal/Accessory Control Section Stainless rails | each | 14.25 |
| 1 | 213 | RH 0-42 Regular Manual switch w/Tinplated rails | each | 38.46 |
| 1 | 214 | LH O-42 Regular Manual switch w/Tinpletegd rails | each | 38.46 |
| 1 | 215 | RH 0-42 Regular Manual switch w/Stainless rails | each | 40.77 |
| 1 | 216 | LH O-42 Regular Manual switch w/Stainless rails | each | 40.77 |
| 1 | 213-RC | RH 0-42 Regular Remote Control switch w/Tinplated rails | each | 63.10 |
| 1 | 214-RC | LH O-42 Regular Remote Control switch w/Tinplated rails | each | 63.10 |


| 1 | 215-RC | RH O-42 Regular Remote Control switch w/Stainless rails | each | 65.41 |
| :---: | :---: | :---: | :---: | :---: |
| 1 | 216-RC | LH 0-42 Regular Remote Control switch w/Stainless rails | each | 65.41 |
| 1 | 218 | Remote Operating Car Track \& Terminal Section Regular Tinplate | each | 36.15 |
| 1 | 219 | Remote Operating Car Track \& Terminal Section Regular Stainless | each | 37.69 |
| 1 | 221 | 90 Degree Crossing w/Tinplated Rails | each | 23.06 |
| 1 | 222 | 90 Degree Crossing w/Stainless Rails | each | 24.60 |
| 1 | 233 | R.H. O-54 Regular Manual switch w/Tinplated outside rails | each | 38.46 |
| 1 | 234 | L.H. O-54 Regular Manual switch w/Tinplated outside rails | each | 38.46 |
| 1 | 235 | R.H. O-54 Regular Manual switch w/Stainless outside rails | each | 40.77 |
| 1 | 236 | L.H. O-54 Regular Manual switch w/Stainless outside rails | each | 40.77 |
| 1 | 233-RC | R.H. 0-54 Regular Remote Control switch w/Tinplated rails | each | 63.10 |
| 1 | 234-RC | L.H. O-54 Regular Remote Control switch w/Tinplated rails | each | 63.10 |
| 1 | 235-RC | R.H. 0-54 Regular Remote Control switch w/Stainless rails | each | 65.41 |
| 1 | 236-RC | L.H. O-54 Regular Remote Control switch w/Stainless rails | each | 65.41 |
| 1 | 243 | R.H. O-72 Regular Manual switch w/Tinplated rails | each | 38.46 |
| 1 | 244 | L.H. O-72 Regular Manual switch w/Tinplated rails | each | 38.46 |
| 1 | 245 | R.H. O-72 Regular Manual switch w/Stainless rails | each | 40.77 |
| 1 | 246 | L.H. O-72 Regular Manual switch w/Stainless rails | each | 40.77 |
| 1 | 241 | 0-72 WYE Regular Manual switch w/Tinplated outside rails | each | 38.46 |
| 1 | 242 | 0-72 WYE Regular Manual switch w/Stainless outside rails | each | 40.77 |
| 1 | 241-RC | 0-72 WYE Regular Remote Control switch w/Tinplated outside rails | each | 63.10 |
| 1 | 242-RC | 0-72 WYE Regular Remote Control switch w/Stainless outside rails | each | 65.41 |
| 1 | 243-RC | R.H. 0-72 Regular Remote Control switch w/Tinplated rails | each | 63.10 |
| 1 | 244-RC | L.H. O-72 Regular Remote Control switch w/Tinplated rails | each | 63.10 |
| 1 | 245-RC | R.H. 0-72 Regular Remote Control switch w/Stainless rails | each | 65.41 |
| 1 | 246-RC | L.H. O-72 Regular Remote Control switch w/Stainless rails | each | 65.41 |
|  |  | O-Gauge 2-Rail Flexible Track with Wood Ties |  |  |
| 50 | 301 | 2-Rail O-Gauge with Tinplated rails and Wood ties | each | 7.93 |
| 50 | 302 | 2-Rail O-Gauge with Stainless rails and Wood ties | each | 9.09 |
|  |  | Track Pins <> Strip Connectors <> |  |  |
|  | 800 | GarGraves Insulating Pins | pkg/12 | 2.50 |
| 1 | 801 | O-Gauge mating pins Lionel tubular to GarGraves | pkg/12 | 5.70 |
| 1 | 802 | O-27-Gauge mating pins Lionel tubular to GarGraves | pkg/12 | 5.70 |
| 1 | 803 | GarGraves track pins (Nickel Silver) | pkg/12 | 1.54 |
| 1 | 803-3 | GarGraves Track Pins (1-oz Pkg. Approximately 80 pins) | 1 oz.pkg | 6.93 |
| 1 | 910-4 | Fit-Up Blades (Strip Track Connectors) Stainless Steel | pkg/25 | 3.85 |
|  |  | Midwest Cork Roadbed |  |  |
| 1 | 3016 | O-Gauge Roadbed, 25 pieces per box, 75 feet, $3^{\prime} \times 5 \mathrm{~mm}$ | box | 45.01 |
| 1 | 3013 | HO- Gauge Roadbed, 25 pieces per box, 75 feet, $3^{\prime} \times 5 \mathrm{~mm}$ | box | 32.67 |
| 1 | 3014 | 0 \& HO Sheets (box of 9) 5 " $\times 36$ " $\times 5 \mathrm{~mm}$ | box | 31.00 |
| 1 | 3020 | N-Gauge Sheets (box of 10) 3-1/4" $\times 36$ " $\times 3 \mathrm{~mm}$ | box | 19.64 |
|  |  | Miscellaneous |  |  |
| 1 | 001 | Flexible track instruction | each |  |
|  | 002 | Product Catalog | each |  |
| 1 | LBB-GG | GarGraves Lighted Blinking Billboard | each | 9.63 |
| 1 | 804 | Ties Bundle/12 (Specify Gauge \& with or without slots) | doz | 0.77 |
| 1 | 810-8 | 8" Rail Load - Pkg. 12 | Pkg/12 | 6.93 |
| 1 | 810-12 | 12" Rail Load - Pkg. 12 | Pkg/12 | 7.70 |
| 1 | 805 | Momentary contact push button switch | each | 5.01 |
| 1 | 83985 | GYROS 1/8" Mandrel for use with disks in Dremel Tool | each | 4.43 |
| 1 | 93108 | GYROS Reinforced Cutoff disks 2" diameter | pkg/2 | 5.35 |
| 1 | O-BSP | O-Gauge Ballast Spreader | each | 2.31 |
|  | S-BSP | S-Gauge Ballast Spreader (5) | each | 2.31 |
| 1 | Tie-Ext | Switch Tie Extention | each | 2.27 |
|  |  | Track Screws |  |  |
| 1 | 806-25 | Track Screws, \#4 x 3/8" Phillips Pan Head Black | pkg/25 | 2.31 |
| 1 | 806-5 | Track Screws, \#4 x 3/8" Phillips Pan Head Black | pkg/50 | 2.70 |



| 1 | 913 | Ground Throw \#208S--Sprung for O-Gauge .280" Travel | each | 2.70 |
| :---: | :---: | :---: | :---: | :---: |
| 1 | 914 | Ground Throw \#101R--Rigid for HO-Gauge .190" Travel | each | 2.46 |
| 1 | 915 | Ground Throw \#202-S--Sprung for HO-Gauge .190" Travel | each | 2.58 |
| 1 | 916 | Ground Throw \#105R--Rigid for N-Gauge .135" Travel | each | 2.50 |
| 1 | 917 | Ground Throw \#206S--Sprung for N-Gauge .135" Travel | each | 2.66 |
| 1 | 918 | Ground Throw \#107R--Rigid for O-Gauge .280" Travel | each | 2.58 |
| 1 | 919 | Ground Throw \#103R--Rigid for HO-Gauge .190" Travel | each | 5.51 |
| 1 | 920 | Ground Throw \#204S--Sprung for HO-Gauge .190" Travel | each | 5.70 |
| 1 | 921 | Ground Throw \#109R--Rigid Stand for HO .190" Travel | each | 3.35 |
| 1 | 922 | Ground Throw \#210S-- Sprung Stand for HO .190" Travel | each | 3.50 |
|  |  | Acme Switch Controllers \& Terminal Panels for All Gauges |  |  |
|  |  | Switch Controller With Indicator Lights |  |  |
| 1 | 1894 | Switch Controller with lights (flush mount) | each | 14.55 |
| 1 | 1888 | Switch Controller with lights \& surface mounting frame | each | 15.25 |
|  |  | Switch Control Panels for Flush Mounting w/o lights |  |  |
| 1 | 1303 | To operate 3 switch machines | each | 6.24 |
| 1 | 1305 | To operate 5 switch machines | each | 8.93 |
| 1 | 1307 | To operate 7 switch machines | each | 11.90 |
|  |  | Switch Control Panels with Mounting Frame w/o lights |  |  |
| 1 | 1403 | To operate 3 switch machines | each | 7.35 |
| 1 | 1405 | To operate 5 switch machines | each | 9.86 |
| 1 | 1407 | To operate 7 switch machines | each | 12.90 |
|  |  |  |  |  |
|  |  | Z-STUFF for Trains - 0 Gauge Accessories |  |  |
| 1 | DZ-1000 | Switch machine \& Controller w/2 spring links (retrofit GarGraves \& Custom switches | each | 25.41 |
| 1 | DZ-1002 | Switch Controller w/red \& green LED's | each | 6.35 |
| 1 | DZ-1003 | Throw springs for GarGraves switches | pkg/5 | 2.00 |
| 1 | DZ-1004 | Throw springs for Curtis \& Ross switches | pkg/5 | 2.00 |
| 1 | DZ-1005 | Throw springs for Atlas O switches | pkg/5 | 2.00 |
| 1 | DZ-1008A | SPDT Relay Module | each | 13.84 |
| 1 | DZ-1010 | Crossing Gate Set with 2 Block Signal Detectors | each | 126.20 |
| 1 | DZ-1011 | Block Signal Detectors | pkg/2 | 26.95 |
| 1 | DZ-1012v | Block Signal | each | 30.42 |
| 1 | DZ-1015 | Speaker, 8 Ohm with enclosure | each | 11.36 |
| 1 | DZ-1020 | Crossing Signal Set with 2 Block Detectors | each | 97.41 |
| 1 | DZ-1030 | WigWag Signal with (2) Block Signal Detectors | each | 139.76 |
| 1 | DZ-1040-LQ | Semaphore Lower Quadrant | each | 68.53 |
| 1 | DZ-1040-UQ | Semaphore Upper Quadrant | each | 68.53 |
| 1 | DZ-1050v | Three Light Signal | each | 56.21 |
| 1 | DZ-1060v | PRR Type Seven Light Position Signal | each | 60.06 |
| 1 | DZ-1065v | 3 Color Target Signal | each | 55.44 |
| 1 | DZ-1070 | Trackside Sensor with 2 Outputs | each | 23.72 |
| 1 | DZ-1075 | Trackside Sensor w/.0.9A Dual Solid State Relays | each | 32.34 |
| 1 | DZ-1075M | Trackside Sensor w/Momentary 0.9A Dual Solid State Relays | each | 32.34 |
| 1 | DZ-1080v | Color - Position Trackside Signal | each | 59.29 |
| 1 | DZ-1090-40U-2 | Siginal Bridge w/upper semaphore - 2 tracks | each | 152.46 |
| 1 | DZ-1090-50-2 | Siginal Bridge w/3 color - 2 tracks | each | 140.14 |
| 1 | DZ-1090-60-2 | Siginal Bridge w/7-light Pennsy signal 2-tracks | each | 146.30 |
| 1 | DZ-1090-80-2 | Signal Bridge w/Color Position Signal - 2 Tracks | each | 144.76 |
| 1 | DZ-1200 | Passenger Station Announcement System | each | 125.13 |
| 1 | DZ-1205 | Sensors (2) for DZ-1200 | pkg/2 | 6.55 |
| 1 | DZ-1210 | Barcode Supports for DZ-1200 | each | 6.35 |
| 1 | DZ-1215 | Barcode Strips 1-set for DZ-1200 (7) | each | 6.93 |
| 1 | DZ-1220 | Trolley Stop \& Controller Announcement System | each | 106.26 |
| 1 | DZ-1240 | Auto-Reverse w/Horn or Stop control | each | 52.36 |
| 1 | DZ-1260 | Water Tower Animator (Sound \& Control Module) | each | 56.98 |
| 1 | DZ-1265 | Diesel Fueling Station Animator (Sound \& Control Module) | each | 57.75 |


| 1 | DZ-2001L | Data Line Driver-TMCC | each | 18.48 |
| :---: | :---: | :---: | :---: | :---: |
| 1 | DZ-2500 | Switch Machine w/DZ-2502 \& GarGraves, /Ross/Curtis \& Atlas springs | each | 33.88 |
| 1 | DZ-2502 | Switch Machine Remote Controller | each | 5.04 |
| 1 | DZ-2503 | Bag, 5 Springs \#103 for Curtis \& Ross switches | each | 1.52 |
| 1 | DZ-2504 | Bag, 5 Springs \#104 for Atlas Switches | each | 1.52 |
| 1 | DZ-2505 | Bag, 5 Springs \#105 for GarGraves Switches | each | 1.52 |
| Z-STUFF for Trains - S Gauge Signals |  |  |  |  |
| 1 | DZ-1040-S-LQ | S-Gauge Semaphore - Lower Quadrant | each | 68.53 |
| 1 | DZ-1040-S-UQ | S-Gauge Semaphore - Upper Quadrant | each | 68.53 |
| 1 | DZ-1050-S | S-Gauge 3 Light Signal | each | 56.21 |
| 1 | DZ-1060-S | S-Gauge PRR Type Seven Light Position Signal | each | 60.06 |
| 1 | DZ-1080-S | Color - Position Trackside Signal S-Gauge | each | 59.29 |
| Z-STUFF for Trains - G Gauge Signals |  |  |  |  |
| 1 | DZ-1060-G | 7-Light Trackside signal G-Gauge | each | 61.22 |
| 1 | DZ-1080-G | Color - Position Trackside Signal S-Gauge | each | 61.22 |
| Circuitron Electronics |  |  |  |  |
| 1 | 800-6000 | Tortoise Switch machine | each | 16.90 |
| 1 | 800-6006 | Tortoise Switch machine - 6 PACK | each | 97.02 |
| 1 | 800-6012 | Tortoise Switch machine - 12 PACK | each | 188.65 |
| 1 | 800-7212 | 110 VAC Wall power pack with 12 VDC output Will power up to 30 Tortoise | each | 12.28 |
| N J International Switch Machines \& Accessories |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| 1 | 3050 | Tri-Color signal type G Hooded target O-scale | each | 30.79 |
| 1 | 3060 | Tri-Color double signal Type G Hooded target O-scale | each | 46.19 |
|  |  |  |  |  |
|  |  |  |  |  |
| With Black Plastic Ties |  |  |  |  |
| Curved Sections W/Tinplated Outside Rails |  |  |  |  |
| 32" thru 72" 8 sections per circle |  |  |  |  |
| 8 | 32-101S | 32" "Phantom" w/Tinplated Outside Rails | each | 7.85 |
| 8 | 32-102S | 32" "Phantom" ww/Stainless Outside Rails | each | 8.43 |
| 8 | 42-101S | 42" "Phantom" w/Tinplated Outside Rails | each | 8.66 |
| 8 | 42-102S | 42" "Phantom" w/Stainless Outside Rails | each | 9.24 |
| 8 | 54-101S | 54" "Phantom" w/Tinplated Outside Rails | each | 9.51 |
| 8 | 54-102S | 54" "Phantom" w/Stainless Outside Rails | each | 10.09 |
| 8 | 63-101S | 63" "Phantom" w/Tinplated Outside Rails | each | 10.55 |
| 8 | 63-102S | 63" "Phantom" w/Stainless Outside Rails | each | 11.13 |
| 8 | 72-101S | 72" "Phantom" w/Tinplated Outside Rails | each | 11.13 |
| 8 | 72-102S | 72" "Phantom"w/Stainless Outside Rails | each | 11.78 |
|  | 80" \& over 12 sections per circle |  |  |  |
| 12 | 80-101S | 80" "Phantom" w/Tinplated Outside Rails | each | 9.51 |
| 12 | 80-102S | 80" "Phantom" w/Stainless Outside Rails | each | 10.09 |
| 12 | 89-101S | 89" "Phantom" w/Tinplated Outside Rails | each | 10.24 |
| 12 | 89-102S | 89" "Phantom" w/Stainless Outside Rails | each | 10.82 |
| 12 | 96-101S | 96" "Phantom" w/Tinplated Outside Rails | each | 10.55 |
| 12 | 96-102S | 96" "Phantom" w/Stainless Outside Rails | each | 11.13 |
| 12 | 106-101S | 106" "Phantom" w/Tinplated Outside Rails | each | 10.74 |
| 12 | 106-102S | 106" "Phantom" w/Stainless Outside Rails | each | 11.32 |
| 12 | 113-101S | 113" "Phantom" w/Tinplated Outside Rails | each | 11.24 |
| 12 | 113-102S | 113" "Phantom" w/Stainless Otside Rails | each | 11.90 |
| 12 | 120-101S | 120" "Phantom" w/Tinplated Outside Rails | each | 11.51 |
| 12 | 120-102S | 120" "Phantom" w/Stainless Outside Rail(\%) | each | 12.20 |
|  |  | Over 120" 16 sections per circle |  |  |
| 16 | 128-101S | 128" "Phantom" w/Tinplated Outside Rails | each | 10.55 |
| 16 | 128-102S | 128" "Phantom" w/Stainless Outside Rails | each | 11.13 |
| 16 | 138-101S | 138" "Phantom" w/Tinplated Outside Rails | each | 10.74 |



| Straight 37" sections also packed in cartons of 24 \& 50 sections |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Switch Transition Offset Sections for Parallel Tracks |  |  |
|  |  | Specify desired center to center distance for 100 " radius Switch |  |  |
|  |  | Made With PLASTIC Ties Only |  |  |
| 1 | TR-101 | "Phantom" w/tinplated outside rails 3.5, 4.21 or 5" | each | 9.47 |
| 1 | TR-102 | "Phantom" w/stainless outside rails 3.5, 4.21 or 5" | each | 10.05 |
| 1 | TR-201 | Regular w/tinplated rails 3.5 , 4.21 or $5^{\prime \prime}$ | each | 9.47 |
| 1 | TR-202 | Regular w/stainless rails 3.5 , 4.21 or $5^{\prime \prime}$ | each | 10.05 |
|  |  | 0-42 Switch transition section 4.21" Centers |  |  |
| 1 | TR-113/4 | "Phantom" w/tinplated outside rails | each | 6.43 |
| 1 | TR-115/6 | "Phantom" w/stainless outside rails | each | 7.20 |
| 1 | TR-213/4 | Regular w/tinplated rails | each | 6.43 |
| 1 | TR-215/6 | Regular w/stainless rails | each | 7.20 |
|  |  | 0-54 Switch transition section 5.45" Centers |  |  |
| 1 | TR-133/4 | "Phantom" w/tinplated outside rails | each | 7.66 |
| 1 | TR-135/6 | "Phantom" w/stainless outside rails | each | 8.32 |
| 1 | TR-233/4 | Regular w/tinplated rails | each | 7.66 |
| 1 | TR-235/6 | Regular w/stainless rails | each | 8.32 |
|  |  | 0-72 Switch transition section 4.57" Centers |  |  |
| 1 | TR-143/4 | "Phantom" w/tinplated outside rails | each | 7.66 |
| 1 | TR-145/6 | "Phantom" w/stainless outside rails | each | 8.32 |
| 1 | TR-243/4 | Regular w/tinplated rails | each | 7.66 |
| 1 | TR-245/6 | Regular w/stainless rails | each | 8.32 |
|  |  | 0-72 WYE Switch transition section 6.89" Centers |  |  |
| 1 | TR-141 | 72 WYE "Phantom" w/tinplated outside rails | each | 7.66 |
| 1 | TR-142 | 72 WYE "Phantom" w/stainless outside rails | each | 8.32 |
| 1 | TR-241 | 72 WYE Regular w/tinplated rails | each | 7.66 |
| 1 | TR-242 | 72 WYE Regular w/stainless rails | each | 8.32 |
|  |  | S-42 Switch transition section - 4.21" Centers - Wood Ties Only |  |  |
| 1 | TR-403/4 | S-Gauge Regular with Tinplated Rails | each | 5.78 |
| 1 | TR-405/6 | S-Gauge Regular with Stainless Rails | each | 6.16 |
|  |  | 0-54 Switch Makeup Curves |  |  |
| 1 | MU-101-54 | 0--54 Makeup curve "Phantom" Tinplate | each | 7.51 |
| 1 | MU-102 54 | O-54 Makeup curve "Phantom" Stainless | each | 8.09 |
|  |  | 0-72 Switch Makeup Curves for Plastic Tie Track |  |  |
| 1 | MU-101-72 | Makeup curve "Phantom" Tinplate | each | 7.97 |
| 1 | MU-102-72 | Makeup curve "Phantom" Stainless | each | 8.55 |
| 1 | MU-201-72 | Makeup curve Regular Tinplate | each | 7.97 |
| 1 | MU-202-72 | Makeup curve Regular Stainless | each | 8.55 |
|  |  | 0-72 Switch Makeup Curves for Wood Tie Track |  |  |
| 1 | WT-MU-101-72 | Makeup curve "Phantom" Tinplate | each | 7.51 |
| 1 | WT-MU-102-72 | Makeup curve "Phantom" Stainless | each | 8.09 |
| 1 | WT-MU-201-72 | Makeup curve Regular Tinplate | each | 7.51 |
| 1 | WT-MU-202-72 | Makeup curve Regular Stainless | each | 8.09 |
|  |  |  |  |  |

