# кАто N Scale UNITRACK $\sim \sim$ A mherst $2005 \sim \sim$ 



The overall table size of this layout is $4^{\prime} 6^{\prime \prime} \times 2^{\prime}$ $6^{\prime \prime}$. It is a variation of a basic two-track oval but with some interesting elements. The bridges, double crossover and inside yards all add realism exponentially to this little layout.

It is suggested this layout to be built on 2 " foam insulation. Cut down into the foam to make the pond and creek. Slightly elevate the outermost curve on the right end using Woodland Scenics foam risers for appearance of varied topography.

Operating into inner "yard" tracks or operation under DCC may require additional Feeder Tracks and/or \#24-818 Terminal Unijoiners.

It is recommended the layout be operated with (2) \#22-014 KATO Power Packs, although other power packs can also be used. If using power pack from another manufacturer, (2) \#24-843 Adapter Cords are recommended for simplified connection between pack and Feeder Tracks.

To operate turnouts and Double Crossover electrically, use (6) \#24-840 Turnout Control Switches. (1) \#24-842 DC Converter will also be required if not using KATO Power Pack. \#24-841 Turnout Extension Cords may also be necessary.

| Item \# | Description |  |
| :--- | :--- | :--- |
| $20-000$ | 248 mm Straight Track | $4(1 \mathrm{pkg})$ |
| $20-010$ | 186mm Straight Track | $4(1 \mathrm{pkg})$ |
| $20-020$ | 124mm Straight Track | $5(2 \mathrm{pkgs})$ |
| $20-040$ | 62mm Straight Track | $1(1 \mathrm{pkg})$ |
| $20-041$ | 62mm Feeder Track | $2(2 \mathrm{pkgs})$ |
| $20-04 \mathrm{X}$ | Bumper | $5(3 \mathrm{pkgs})$ |
| $20-091$ | Track Assortment Set | $(1 \mathrm{set})$ |
|  | 45mm from 20-091 | 2 |
|  | 29mm from 20-091 | 1 |
| $20-100$ | R249-45 Curved Track | $8(2 \mathrm{pkgs})$ |
| $20-110$ | R282-45 Curved Track | $8(2 \mathrm{pkgs})$ |
| $20-111$ | R282-15 Curved Track | $3(1 \mathrm{pkg})$ |
| $20-120$ | R315-45 Curved Track | $4(1 \mathrm{pkg})$ |
| $20-150$ | R718-15 Curved Track | $4(1 \mathrm{pkg})$ |
| $20-202$ | \#6 Ele. Turnout Left | $2(2 \mathrm{pkgs})$ |
| $20-203$ | \#6 Ele. Turnout Right | $4(4 \mathrm{pkgs})$ |
| $20-210$ | Double Crossover | $1(1 \mathrm{pkg})$ |
| $20-220$ | \#4 Ele. Turnout Left | $1(1 \mathrm{pkg})$ |
|  | (includes accessory pieces) |  |
| $20-431$ | Truss Bridge | $1(1 \mathrm{pkg})$ |
| $20-435$ | Double Track Truss Bridge | 1 (1 pkg) |
| Some pieces from multi-piece packages will be surplus. |  |  |
| Indicated structures in plan are suggestion only. |  |  |

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