

TRACKWORK

- VOESTALPINE NORTRAK
 - ALL TURNOUT SIZES AND ALL MATERIAL THAT COMPRISES A TURNOUT
 - SMMSG, RBM, ALL SPRING, JUMP, MPF FROGS
 - MACHINED AND FORGED TRANSITION RAILS
 - HOLLOW STEEL TIE (HST)
 - PRE-PLATING OPERATION IN CHEYENNE, WY COMPLIES WITH ALL UPRR UNION REQUIREMENTS
- PROGRESS RAIL
 - TURNOUT SIZES NO. 20 AND LESS AND ALL MATERIAL THAT COMPRISES TURNOUTS NO. 20 AND LESS
 - SMMSG, RBM, ALL SPRING, JUMP FROGS
 - MACHINED AND FORGED TRANSITION RAILS
 - ROBOTIC PREPLATING OPERATING COMPLIES WITH ALL UPRR UNION REQUIREMENTS
- PROGRESS/VOSSLOH (CLEVELAND TRACK)
 - TURNOUT SIZES NO. 11 AND LESS FOR NON-MAINLINE APPLICATIONS AND ALL MATERIAL THAT COMPRISES TURNOUTS NO. 11 AND LESS FOR NON-MAINLINE APPLICATIONS
 - SMMSG, RBM FROGS
 - PRE-PLATED TURNOUTS CAN ONLY BE SHIPPED TO FORMER MOPAC AND CNW TERRITORIES
- A&K RAILROAD MATERIALS
 - TURNOUT SIZES NO. 11 AND LESS FOR NON-MAINLINE APPLICATIONS AND ALL MATERIAL THAT COMPRISES TURNOUTS NO. 11 AND LESS FOR NON-MAINLINE APPLICATIONS
 - SMMSG, RBM FROGS
 - PRE-PLATED TURNOUTS CAN ONLY BE SHIPPED TO FORMER MOPAC AND CNW TERRITORIES
 - MACHINED TAPER RAILS FOR NON-MAINLINE APPLICATIONS
- ATLANTIC TRACK
 - TURNOUT SIZES NO. 11 AND LESS AND ALL MATERIAL THAT COMPRISES TURNOUTS NO. 11 AND LESS
 - SMMSG, RBM FROGS
 - MACHINED AND FORGED TRANSITION RAILS
 - PRE-PLATED TURNOUTS CAN ONLY BE SHIPPED TO FORMER MOPAC AND CNW TERRITORIES

COMPROMISE JOINT BARS

- VOSSLOH (CLEVELAND TRACK) (FORGED IN US ONLY)

JOINT BARS (NEW)

- VOSSLOH (CLEVELAND TRACK) (CHINA AND DOMESTIC)
- A&K RAILROAD MATERIALS (CHINA)

TRACK BOLTS (BOLTS, NUTS & WASHERS)

- PROTTSA (MEXICO)
- TAICONG ZHONGBO
- VIA PACIFIC (CHINA)
- LEWIS BOLT & NUT
- A&K RAILROAD

FROG BOLTS

- LEWMS BOLT
- COPPER STATE

SELF-CENTERING BOLT SYSTEM

- SELF-CENTERED BOLT AND NUT
 - LEWIS BOLT & NUT
- SELF-CENTERING WASHER
 - LEWIS BOLT & NUT
 - HOWARD STEEL COMPANY

TRACK WASHERS

- ITW SHAKEPROOF

LOCKNUTS

- LEWMS BOLT & NUT
- COPPER STATE
- SECURITY LOCKNUT

CEDAR TIE PLUGS

- ATLANTIC AND PACIFIC RAIL SUPPLY
- TRANS CANADA WOOD PRODUCTS LTD.
- BSP MANUFACTURING INC.

BONDED INSULATED JOINTS

- KOPPERS (FORMERLY PORTEC, HUNTINGTON, WV PLANT ONLY)
- A&K RAILROAD MATERIALS
- LB FOSTER

INSULATED JOINT BARS

- A&K RAILROAD MATERIALS
- SENECA RAILROAD & MINING
- KOPPERS (FORMERLY PORTEC, HUNTINGTON, WV PLANT ONLY)
- LB FOSTER

PRECAST CONCRETE CROSSING PANELS

- AMERICAN CONCRETE
- OMEGA INDUSTRIES
- MAGNUM

PREFAB WOOD CROSSING PANELS

- KOPPERS
- GARLAND GASTON LUMBER

FROG RETARDER KITS

- NORTRAK SPRING WING CONTROLLER

RAIL (STANDARD STRENGTH)

- EVRAZ
- STEEL DYNAMIC INC. (FORT WAYNE, IN)

RAIL (INTERMEDIATE STRENGTH HEAD HARDENED)

- EVRAZ
- STEEL DYNAMIC INC. (FORT WAYNE, IN)
- NIPPON STEEL CO

RAIL (PREMIUM STRENGTH HEAD HARDENED)

- EVRAZ
- NIPPON STEEL CO

TIES (WOOD)

- STELLA-JONES (FULTON, KY, ALEXANDRIA, LA, MONTEVALLO, AL, WINSLOW, IN, BANGOR, WI, ELOY, AZ AND RUSSELLVILLE, AR)
- AMERITIES (THE DALLES, OR AND HOPE, AR)
- KOPPERS (DENVER, CO, GUTHRIE, KY AND N. LITTLE ROCK, AR)
- McCORD TIES & TIMBER (FALKVILLE, AL)
- NATT (SCOTT CITY, MO)

TIES (CONCRETE)

- VOSSLOH (ROCLA) (AMARILLO, TX, PUEBLO, CO & TUCSON, AZ)
- VOESTALPINE NORTRAK
- RAIL.ONE (CLINTON, IA)
- VOESTALPINE NORTRAK (TURNOUT & SPECIALTY TIES)

ANCHORS

- PROGRESS RAIL
- LEWIS BOLT AND NUT (FOR NEW TURNOUTS ONLY)

TIE PLATES (ROLLED)

- SUMITOMO / ARKANSAS STEEL ASSOCIATES

TIE PLATES (CAST)

- PROGRESS RAIL
- VOESTALPINE NORTRAK
- PANDROL (BRIDGE PLATES ONLY)

ABRASIVE WHEELS

- NORTON / NORZON
- GEISMAR
- ALLISON

EXPANSION JOINTS

- ATLANTIC TRACK
- CMI PROMEX
- PROGRESS RAIL

FIELD WELD MATERIALS

- RAILTECH BOUTET
- ORGO THERMIT

TRACK SPIKES

- AMERISTEEL (ALL FACILITIES)
- NUCOR BIRMINGHAM

TIMBER SCREW SPIKES

- LEWIS BOLT & NUT COMPANY (STANDARD AND EVERGRIP)

BALLAST

- VULCAN MATERIALS - TABLE MOUNTAIN (OROVILLE, CA)
- RCL ROCKS - SIERRA BLANCA (SIERRA BLANCA, TX)
- CERTAIN TEED - GADS HILL (GADS HILL, MO)
- MARTIN - MARIETTA - JONES MILL (MALVERN, AR)
- L.G. EVERIST - DELL RAPIDS (DELL RAPIDS, SD)
- HARNEY ROCK & PAVING - HARNEY ROCK (N. POWDER, OR)
- MARTIN - MARIETTA - TWIN MOUNTAIN (MILFORD, UT)
- MARTIN - MARIETTA - MILL CREEK (MILL CREEK, OK)
- VULCAN MATERIALS CO. - KNIPPA (UVALDE, TX)
- MERIDIAN AGGREGATES - GRANITE CANYON (GRAND CANON, WY)
- GRANITE MOUNTAIN - GRANITE MOUNTAIN (SVEETHOME, AR)
- MARTIN - MARIETTA - BLACK SPUR (UVALDE, TX)
- FRED WEBER, INC. - IRON MOUNTAIN (IRON MOUNTAIN, MO)
- TRAP ROCK & GRANITE (IRONTON, MO)

**UNION PACIFIC RAILROAD
ENGINEERING DRAWINGS**

**APPROVED TRACKWORK
SUPPLIERS**



ADOPTED: SEP. 21, 2020
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APPROVED ELASTIC FASTENING SYSTEM COMPONENTS

SAFELOK I		
ITEM NUMBER	ITEM DESCRIPTION	APPROVED SUPPLIER
503 - 5101	ALT. LONG REACH SAFELOK 1 SPRING CLIP. STANDARD DWG 0433.	PROGRESS RAIL / PANDROL / VOESTALPINE NORTRAK
503 - 5150	GALVANIZED SAFELOK I SPRING CLIP.	PROGRESS RAIL / PANDROL
503 - 5250	STANDARD SAFELOK 1 INSULATOR. STANDARD DWG 0406.	PROGRESS RAIL / PANDROL
503 - 6246	SAFELOK I NARROW INSULATOR. FOR USE IN CORRECTING WIDE GAUGE. STANDARD DWG 0406.	PANDROL
503 - 5390	SAFELOK 1 HEAVY DUTY INSULATOR. STANDARD DWG 0406.	PROGRESS RAIL / PANDROL
503 - 6178	SAFELOK 1 WIDE INSULATOR. FOR USE IN CORRECTING WIDE GAUGE. STANDARD DWG 0406.	PANDROL
503 - 5490	ABRASION PAD ASSEMBLY FOR SAFELOK I.	VOESTALPINE NORTRAK / PANDROL / PROGRESS RAIL
410 - 5460	LEVER TYPE RAIL CLIP APPLICATOR. FOR INSTALLING SAFELOK I SPRING CLIPS.	PROGRESS RAIL
410 - 5464	UNIVERSAL RAIL CLIP REMOVAL TOOL. SCISSOR TYPE FOR REMOVING SAFELOK I CLIPS FROM CONCRETE AND STEEL TIES.	PROGRESS RAIL
410 - 5467	LEVER ACTION RAIL MANIPULATOR TO ALLOW CLEARANCE FOR INSULATORS.	PROGRESS RAIL

SAFELOK III		
ITEM NUMBER	ITEM DESCRIPTION	APPROVED SUPPLIER
503 - 6161	SAFELOK III STANDARD CLIP WITH 2 TOE INSULATORS INSTALLED.	PANDROL
503 - 6164	GALVANIZED SAFELOK III STANDARD CLIP WITH 2 TOE INSULATORS INSTALLED.	PANDROL
503 - 6167	TWIN STEM SHOULDER FOR SAFELOK III FASTENING SYSTEM.	PANDROL
503 - 6171	SAFELOK III CLIP TOE INSULATOR.	PANDROL
503 - 6162	SAFELOK III SIDE POST INSULATOR.	PANDROL
503 - 6168	SAFELOK III INTEGRAL ABRASION ASSEMBLY. TIE PAD INCLUDES 2 SIDEPOST INSULATORS, RAIL PAD AND ABRASION PLATE.	PANDROL
503 - 6169	NYLON INSULATOR FOR USE AT INSULATED JOINT LOCATION ON SAFELOK III FASTENING SYSTEM. STANDARD DWG 0410.	PANDROL
503 - 6172	JOINT CLIP FOR USE AT INSULATED JOINT LOCATION ON SAFELOK III FASTENING SYSTEM. STANDARD DWG 0410.	PANDROL
410 - 5458	SAFELOK III RAIL CLIP REMOVAL TOOL. SCISSOR TYPE.	PANDROL
410 - 7437 AND 410 - 7438	SAFELOK III TIE NIPPING TOOL. HOOK AND BAR.	INDUSTRIAL RAILWAY SUPPLY

E-CLIP		
ITEM NUMBER	ITEM DESCRIPTION	APPROVED SUPPLIER
503 - 6100	E-2055 STANDARD RIGHT HAND PANDROL E-CLIP FOR WOOD AND CONCRETE TIE APPLICATIONS.	PANDROL / UNITED STEEL AND FASTENERS
503 - 6101	ECL-2055 GALVANIZED RIGHT HAND PANDROL E-CLIP FOR WOOD AND CONCRETE TIE APPLICATIONS FOR TUNNELS AND GRADE CROSSINGS.	PANDROL
503 - 6125	E-2056 LEFT HAND PANDROL E-CLIP FOR WOOD AND CONCRETE TIE APPLICATIONS.	PANDROL
503 - 6150	E-2063 MODIFIED PANDROL E-CLIP FOR JOINT BAR LOCATIONS (INSULATED AND STANDARD). CLIP FOR WOOD AND CONCRETE TIE APPLICATIONS.	PANDROL
503 - 6202	TWO PART PAD ASSEMBLY FOR E-CLIP FASTENING SYSTEM. 8 MM.	PANDROL
503 - 6240	WIDE POST E-CLIP INSULATOR WITH .56" WIDE POST FOR USE WITH E-CLIP FASTENING SYSTEM ON CONCRETE TIES. TO CORRECT GAUGE ISSUES. STANDARD DWG 0408.	PANDROL
503 - 6245	NARROW POST E-CLIP INSULATOR WITH .213" POST FOR USE WITH E-CLIP FASTENING SYSTEM ON CONCRETE TIES. TO CORRECT GAUGE ISSUES. STANDARD DWG 0408.	PANDROL
503 - 6250	HEAVY DUTY STANDARD INSULATOR E-CLIP. FOR USE ON FIELD SIDE APPLICATIONS IN CURVES GREAT THAN 1 DEGREE 30 MINUTES. STANDARD DWG 0408.	PROGRESS RAIL / PANDROL
503 - 6260	STANDARD DUTY INSULATOR E-CLIP. FOR USE IN TANGENT TRACK AND CURVES LESS THAN 1 DEGREE 30 MINUTES. STANDARD DWG 0408.	PROGRESS RAIL / PANDROL
503 - 6502	FORGED STEEL WELD ON SHOULDER FOR E - 2055 CLIP. FOR SPECIAL PLATE WORK.	PANDROL / VOESTALPINE NORTRAK / PROGRESS RAIL

FASTCLIP		
ITEM NUMBER	ITEM DESCRIPTION	APPROVED SUPPLIER
503 - 6165	FASTCLIP ASSEMBLY. TWO CLIPS WITH TWO INSULATORS ATTACHED.	PANDROL

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