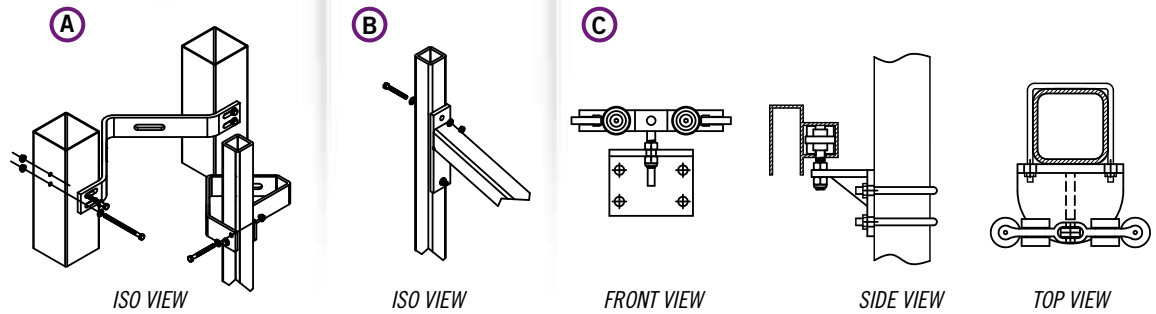
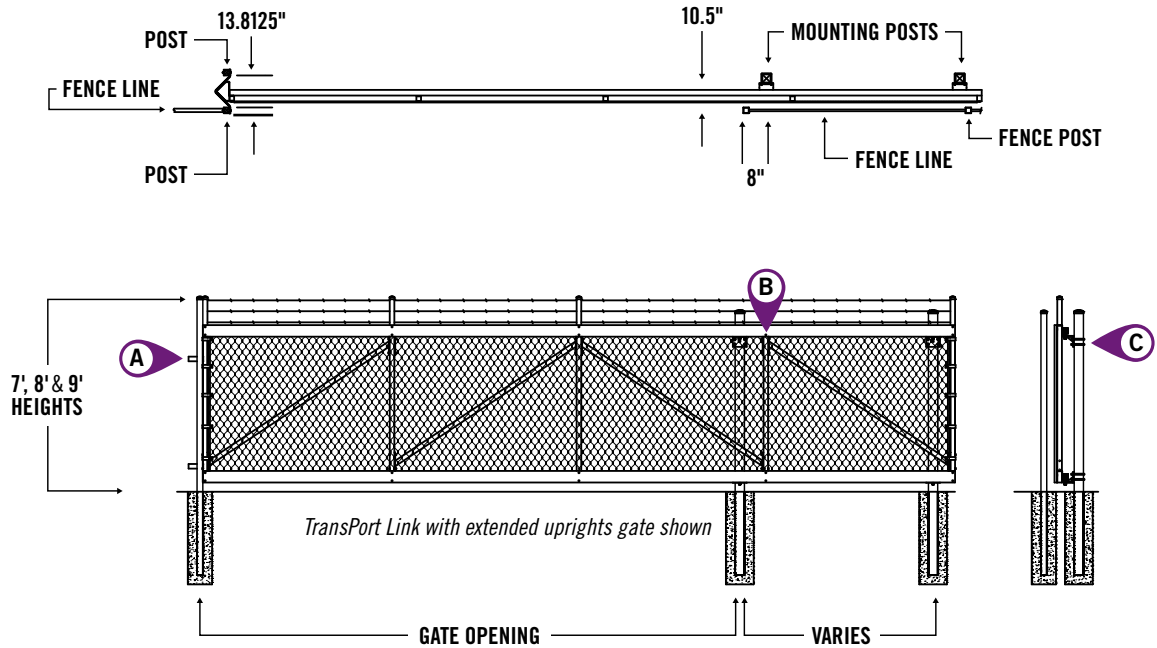


## TRANSPORT LINK® | CHAIN LINK CANTILEVER GATES

2"sq x .25" UPRIGHTS & DIAGONAL BRACES | GATE TRACKS PRE-DRILLED FOR LEFT OR RIGHT OPENINGS

\*\*\*GATE FABRIC MESH & BARBED WIRE ARE NOT INCLUDED



### CANTILEVER GATE SAFETY WARNING

Ornamental Cantilever Gates are supplied with rolls of 2" mesh safety screening in sufficient quantities to cover the entire gate (including overhang) and an equal portion of fence parallel to the gate in the open position up to a height of over 6' from ground elevation. **This screening must be included when the TransPort Gate is assembled at the job site.** Additionally, all of the safety requirements of ASTM F2200 must be met during installation. **Failure to incorporate the safety mesh or follow ASTM F2200 safety requirements during gate assembly and installation will cause rejection of the entire gate system any time an attempt is made to attach the gate to an automatic gate operator. Ameristar assumes no responsibility for gate installations that fail to utilize the materials provided or meet the applicable safety standards.**

Refer to construction specification & tables within this section for more details.

Effective: 01/06/15



**EAGLE FENCE**  
 ★ DISTRIBUTING LLC ★

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## TRANSPORT LINK® | CHAIN LINK CANTILEVER GATES

FABRIC, GATE HARDWARE & POST NOT INCLUDED | NOT FOR BARBED WIRE APPLICATIONS | ASSEMBLY REQUIRED

	OPENING	LENGTH	ITEM NUMBER	WEIGHT	STOCKING
4' HEIGHT	6'-8'	144.5"	CT@04808	186 lbs	☉
	8'-10'	182.5"	CT@04810	224 lbs	☉
	10'-12'	211"	CT@04812	270 lbs	☉
	12'-14'	249"	CT@04814	307 lbs	☉
	14'-16'	287"	CT@04816	344 lbs	☉
	16'-18'	325"	CT@04818	381 lbs	☉
	18'-20'	372.5"	CT@04820	451 lbs	☉
	20'-22'	401"	CT@04822	487 lbs	☉
	22'-24'	429.5"	CT@04824	512 lbs	☉
	24'-27'	496"	CT@04827	606 lbs	☉
	27'-30'	534"	CT@04830	643 lbs	☉
5' HEIGHT	6'-8'	144.5"	CT@06008	194 lbs	☉
	8'-10'	182.5"	CT@06010	231 lbs	☉
	10'-12'	211"	CT@06012	284 lbs	☉
	12'-14'	249"	CT@06014	321 lbs	☉
	14'-16'	287"	CT@06016	358 lbs	☉
	16'-18'	325"	CT@06018	395 lbs	☉
	18'-20'	372.5"	CT@06020	471 lbs	☉
	20'-22'	401"	CT@06022	507 lbs	☉
	22'-24'	429.5"	CT@06024	532 lbs	☉
	24'-27'	496"	CT@06027	632 lbs	☉
	27'-30'	534"	CT@06030	669 lbs	☉
6' HEIGHT	6'-8'	144.5"	CT@07208	202 lbs	☉
	8'-10'	182.5"	CT@07210	239 lbs	☉
	10'-12'	211"	CT@07212	299 lbs	☉
	12'-14'	249"	CT@07214	336 lbs	☉
	14'-16'	287"	CT@07216	372 lbs	☉
	16'-18'	325"	CT@07218	409 lbs	☉
	18'-20'	372.5"	CT@07220	493 lbs	☉
	20'-22'	401"	CT@07222	528 lbs	☉
	22'-24'	429.5"	CT@07224	553 lbs	☉
	24'-27'	496"	CT@07227	660 lbs	☉
	27'-30'	534"	CT@07230	697 lbs	☉



**7' & 8' HEIGHTS ON NEXT PAGE**

Note: All TransPort gates over 24' opening include a horizontal stabilizer arm kit.

Effective: 01/06/15

## TRANSPORT LINK® | CHAIN LINK CANTILEVER GATES

FABRIC, GATE HARDWARE & POST NOT INCLUDED | NOT FOR BARBED WIRE APPLICATIONS | ASSEMBLY REQUIRED

	OPENING	LENGTH	ITEM NUMBER	WEIGHT	STOCKING
7' HEIGHT	6'-8'	144.5"	CT⓪08408	211 lbs	⓪
	8'-10'	182.5"	CT⓪08410	247 lbs	⓪
	10'-12'	211"	CT⓪08412	315 lbs	⓪
	12'-14'	249"	CT⓪08414	351 lbs	⓪
	14'-16'	287"	CT⓪08416	387 lbs	⓪
	16'-18'	325"	CT⓪08418	424 lbs	⓪
	18'-20'	372.5"	CT⓪08420	515 lbs	⓪
	20'-22'	401"	CT⓪08422	550 lbs	⓪
	22'-24'	429.5"	CT⓪08424	575 lbs	⓪
	24'-27'	496"	CT⓪08427	689 lbs	⓪
8' HEIGHT	27'-30'	534"	CT⓪08430	725 lbs	⓪
	6'-8'	144.5"	CT⓪09608	220 lbs	⓪
	8'-10'	182.5"	CT⓪09610	256 lbs	⓪
	10'-12'	211"	CT⓪09612	332 lbs	⓪
	12'-14'	249"	CT⓪09614	367 lbs	⓪
	14'-16'	287"	CT⓪09616	403 lbs	⓪
	16'-18'	325"	CT⓪09618	439 lbs	⓪
	18'-20'	372.5"	CT⓪09620	538 lbs	⓪
	20'-22'	401"	CT⓪09622	573 lbs	⓪
	22'-24'	429.5"	CT⓪09624	597 lbs	⓪
24'-27'	496"	CT⓪09627	719 lbs	⓪	
27'-30'	534"	CT⓪09630	755 lbs	⓪	



⓪ = COLOR OPTIONS AVAILABLE | U = Uncoated B = Black N = Tube Brown G = Tube Green

⓪ = NON-STOCKED PRODUCT

For details, see Ameristar's Sales Policy in the catalog guide.

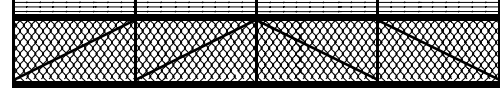
Note: All TransPort gates over 24' opening include a horizontal stabilizer arm kit.

Effective: 01/06/15

# TRANSPORT LINK® | CHAIN LINK CANTILEVER GATES W/ EXTENDED UPRIGHTS

BARBED WIRE, FABRIC, GATE HARDWARE & POST NOT INCLUDED | FOR BARBED WIRE APPLICATIONS | ASSEMBLY REQUIRED

	OPENING	LENGTH	ITEM NUMBER	WEIGHT	STOCKING
7' (6'+1') HEIGHT	6'-8'	144.5"	CT⊗08408-BW	202 lbs	⊙
	8'-10'	182.5"	CT⊗08410-BW	239 lbs	⊙
	10'-12'	211"	CT⊗08412-BW	299 lbs	⊙
	12'-14'	249"	CT⊗08414-BW	336 lbs	⊙
	14'-16'	287"	CT⊗08416-BW	372 lbs	⊙
	16'-18'	325"	CT⊗08418-BW	409 lbs	⊙
	18'-20'	372.5"	CT⊗08420-BW	493 lbs	⊙
	20'-22'	401"	CT⊗08422-BW	528 lbs	⊙
	22'-24'	429.5"	CT⊗08424-BW	553 lbs	⊙
	24'-27'	496"	CT⊗08427-BW	660 lbs	⊙
8' (7'+1') HEIGHT	27'-30'	534"	CT⊗08430-BW	697 lbs	⊙
	6'-8'	144.5"	CT⊗09608-BW	211 lbs	⊙
	8'-10'	182.5"	CT⊗09610-BW	247 lbs	⊙
	10'-12'	211"	CT⊗09612-BW	315 lbs	⊙
	12'-14'	249"	CT⊗09614-BW	351 lbs	⊙
	14'-16'	287"	CT⊗09616-BW	387 lbs	⊙
	16'-18'	325"	CT⊗09618-BW	424 lbs	⊙
	18'-20'	372.5"	CT⊗09620-BW	515 lbs	⊙
	20'-22'	401"	CT⊗09622-BW	550 lbs	⊙
	22'-24'	429.5"	CT⊗09624-BW	575 lbs	⊙
9' (8'+1') HEIGHT	24'-27'	496"	CT⊗09627-BW	689 lbs	⊙
	27'-30'	534"	CT⊗09630-BW	725 lbs	⊙
	6'-8'	144.5"	CT⊗10808-BW	220 lbs	⊙
	8'-10'	182.5"	CT⊗10810-BW	256 lbs	⊙
	10'-12'	211"	CT⊗10812-BW	332 lbs	⊙
	12'-14'	249"	CT⊗10814-BW	367 lbs	⊙
	14'-16'	287"	CT⊗10816-BW	403 lbs	⊙
	16'-18'	325"	CT⊗10818-BW	439 lbs	⊙
	18'-20'	372.5"	CT⊗10820-BW	538 lbs	⊙
	20'-22'	401"	CT⊗10822-BW	573 lbs	⊙
22'-24'	429.5"	CT⊗10824-BW	597 lbs	⊙	
24'-27'	496"	CT⊗10827-BW	719 lbs	⊙	
27'-30'	534"	CT⊗10830-BW	755 lbs	⊙	



TRANSPORT LINK™ WITH EXTENDED UPRIGHTS

⊗ = COLOR OPTIONS AVAILABLE | U = Uncoated B = Black N = Tube Brown G = Tube Green

⊙ = NON-STOCKED PRODUCT

For details, see Ameristar's Sales Policy in the catalog guide.

Note: All TransPort gates over 24' opening include a horizontal stabilizer arm kit.

Effective: 01/06/15

## TRANSPORT LINK® | CANTILEVER GATE HARDWARE

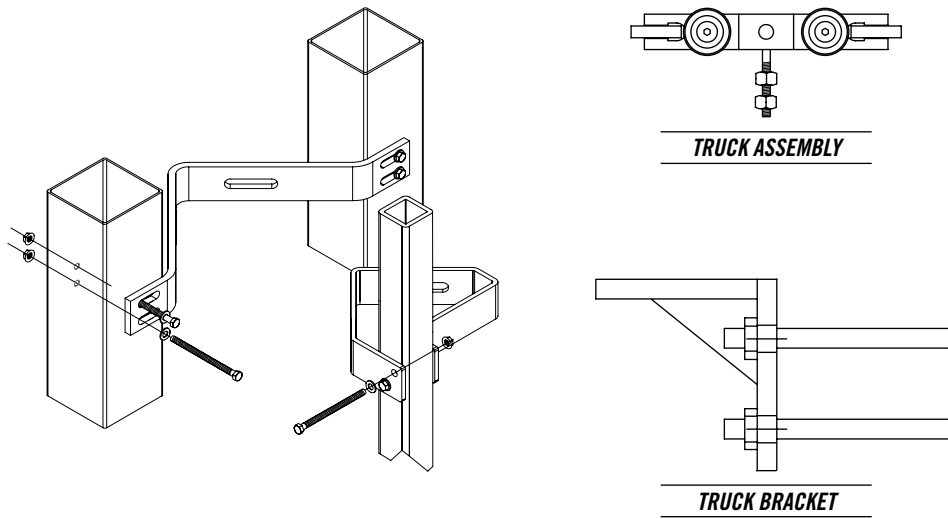
4" sq. MINIMUM POST SIZE REQUIRED FOR CANTILEVER GATE INSTALLATION

DESCRIPTION	ITEM NUMBER	BOX QTY	WEIGHT
4" sq. Round Post Gate Kit	TGKCDN1	1	80
6.625" sq. Round Post Gate Kit	TGKCD-6N1	1	90

*Kits include: (4) Truck Assemblies / 6-wheel | (4) Truck Brackets / Round U-Bolts 4" or 6.625" sq. per kit size | (2) Cantilever Gate Latch / Yolk & Receiver | (2) Gate Stops*

DESCRIPTION	ITEM NUMBER	BOX QTY	WEIGHT
4" sq. Post Bi-Parting Gate Kit	TGKODB	1	80

*Kits include: (8) Truck Assemblies / 6-wheel | (8) Truck Brackets / U-Bolts 4" sq. per kit size | (1) Gate Latch | (4) Gate Stops*



Effective: 01/06/15

# TRANSPORT LINK® | CONSTRUCTION SPECIFICATION 32 31 00

## ENCLOSED TRACK INDUSTRIAL ALUMINUM CANTILEVER GATE SYSTEM

### PART 1 - GENERAL

#### 1.01 WORK INCLUDED

The contractor shall provide all labor, materials and appurtenances necessary for installation of the chain link cantilever gate system defined herein at (*specify project site*).

#### 1.02 RELATED WORK

Section \_\_\_\_ - Earthwork

Section \_\_\_\_ - Concrete

#### 1.03 SYSTEM DESCRIPTION

The manufacturer shall supply a total high security cantilever gate system of the Ameristar® TransPort Link® (*specify with barb-wire extension or without barb-wire extension*) design. The system shall include all components (*i.e., tracks, uprights, bracing, hardware, fittings, and fasteners*) required.

#### 1.04 QUALITY ASSURANCE

The contractor shall provide laborers and supervisors who are thoroughly familiar with the type of construction involved and materials and techniques specified.

#### 1.05 REFERENCES

- **ASTM A653/A653M** – Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy Coated (Galvannealed) by the Hot-Dip Process
- **ASTM B117** – Practice for Operating Salt-Spray (Fog) Apparatus
- **ASTM B221** – Aluminum and Aluminum Alloy Extruded Bars, Shapes and Tubes
- **ASTM D523** – Test Method for Specular Gloss
- **ASTM D714** – Test Method for Evaluating Degree of Blistering in Paint
- **ASTM D822** – Practice for Conducting Tests on Paint and Related Coatings and Materials using Filtered Open-Flame Carbon-Arc Light and Water Exposure Apparatus
- **ASTM D1654** – Test Method for Evaluation of Painted or Coated Specimens Subjected to Corrosive Environments
- **ASTM D2244** – Test Method for Calculation of Color Differences from Instrumentally Measured Color Coordinates
- **ASTM D2794** – Test Method for Resistance of Organic Coatings to the Effects of Rapid Deformation (Impact)
- **ASTM D3359** – Test Method for Measuring Adhesion by Tape Test

#### 1.06 SUBMITTAL

The manufacturer's submittal package shall be provided prior to installation.

### 1.07 PRODUCT HANDLING AND STORAGE

Upon receipt at the job site, all materials shall be checked to ensure that no damages occurred during shipping or handling. Materials shall be stored in such a manner to ensure proper ventilation and drainage, and to protect against damage, weather, vandalism and theft.

### PART 2 - MATERIALS

#### 2.01 MANUFACTURER

All chain link aluminum cantilever gates shall conform to the Ameristar TransPort Link gate system, (*specify with barb-wire extension or without barb-wire extension*) design, manufactured by Ameristar Fence Products, Inc., in Tulsa, Oklahoma. The project gate schedule shall include the following additional information for each cantilever gate included in the project scope: (*specify nominal opening size in feet*) opening, (*specify nominal height in feet*) height, (*specify direction of gate travel to the open position, right or left, viewing from outside fence line looking in*) gate travel direction.

#### 2.02 MATERIAL

- A.** The materials used for cantilever gate framing (*uprights & diagonal bracing*) shall be manufactured from **ASTM B221** aluminum (*designation 6063-T-6*) with yield strength of 25,000 PSI, a tensile strength of 30,000 PSI and a standard mill finish. The TransPort enclosed tracks shall be manufactured from ASTM B221 aluminum (*designation 6063-T-6*) with yield strength of 25,000 PSI, a tensile strength of 30,000 PSI and a standard mill finish.
- B.** Material for gate in-fill shall be chain link fabric meeting the wire mesh material and size specified for corresponding chain link fence.
- C.** Material for gate uprights and diagonal bracing shall be 2" square x ¼" wall aluminum. The cross-sectional shape of the top and bottom enclosed-track shall conform to the manufacturer's Fast-Trak™ design with as a single extrusion consisting of a 2" x 5" channeled support with integrated 2" x 2" enclosed-track raceway.
- D.** Steel material for fence posts shall be galvanized prior to forming in accordance with the requirements of **ASTM A653/A653M**, with minimum yield strength of 45,000 psi (310 MPa). The steel shall be hot-dip galvanized to meet the requirements of **ASTM A653/A653M** with a minimum zinc coating weight of 0.90 oz/ft<sup>2</sup> (276 g/m<sup>2</sup>), Coating Designation G-90. Material for gate support posts shall be 4" square x 11 Ga. tubing.
- E.** Suspension Rollers for top and bottom tracks shall be used at each support post to track connection. Each truck assembly shall be capable of being adjusted vertically via

Effective: 01/06/15

# TRANSPORT LINK® | CONSTRUCTION SPECIFICATION 32 31 00

## ENCLOSED TRACK INDUSTRIAL ALUMINUM CANTILEVER GATE SYSTEM

threaded rod for fine-tune adjustment. Truck assembly shall be constructed in a way so that the primary housing for the truck rollers shall pivot via ball-bearing connection to threaded rod.

### 2.03 FABRICATION

- A.** Gate frame uprights and diagonal bracing shall be pre-fabricated and pre-punched to accept frame fasteners. Enclosed track shall be pre-punched to accept gate uprights. Posts shall be pre-cut to specified lengths.
- B.** Top and bottom enclosed track extrusions shall be mechanically fastened to vertical gate uprights and intermediate supports, as required by assembly instructions. Diagonal bracing shall be mechanically fastened to vertical gate uprights and intermediate supports, as required by assembly instructions. Chain link fabric shall be attached to gate uprights with tension-bands.
- C.** The manufactured gate components shall be subjected to the Ameristar thermal stratification coating process (*high-temperature, in-line, multi-stage, and multi-layer*) including, as a minimum, a six-stage pretreatment/wash and an electrostatic spray application of a polyester finish. The topcoat shall be a “no-mar” TGIC polyester powder coat finish with a minimum thickness of 2 mils (0.0508mm). The color shall be (*specify Black, Bronze, White, or Desert Sand*). The stratification-coated framework shall be capable of meeting the performance requirements for each quality characteristic shown in **Table 1**.

## PART 3 - EXECUTION

### 3.01 PREPARATION

All new installation shall be laid out by the contractor in accordance with the construction plans.

### 3.02 GATE INSTALLATION

- A.** Cantilever support posts shall be set in concrete footers having a minimum depth of 48” (Note: In some cases, local

restrictions of freezing weather conditions may require a greater depth). The “Earthwork” and “Concrete” sections of this specification shall govern material requirements for the concrete footer. Posts setting by other methods such as plated posts or grouted core-drilled footers are permissible only if shown by engineering analysis to be sufficient in strength for the intended application.

- B.** Gate to be installed per manufacturers gate installation instructions. Gate shall be installed in compliance with **ASTM F2200** standards.

### 3.03 GATE INSTALLATION MAINTENANCE

When cutting/drilling posts adhere to the following steps to seal the exposed steel surfaces; 1) Remove all metal shavings from cut area. 2) Apply zinc-rich primer to thoroughly cover cut edge and/or drilled hole; let dry. 3) Apply 2 coats of custom finish paint matching fence color. Failure to seal exposed surfaces per steps 1-3 above will negate warranty. Ameristar spray cans or paint pens shall be used to prime and finish exposed surfaces; it is recommended that paint pens be used to prevent overspray. Use of non-Ameristar parts or components will negate the manufactures’ warranty.

### 3.04 GATE INSTALLATION

Gate posts shall be spaced according to the manufacturers’ drawings, dependent on clear opening. The manufacturers’ gate drawings shall identify the necessary gate hardware required for the application. Gate hardware shall be provided by the manufacture of the gate and shall be installed per manufacturer’s recommendations.

### 3.05 CLEANING

The contractor shall clean the jobsite of excess materials; post-hole excavations shall be scattered uniformly away from posts.

TABLE 1

COATING PERFORMANCE REQUIREMENTS		
QUALITY CHARACTERISTICS	ASTM TEST METHOD	PERFORMANCE REQUIREMENTS
ADHESION	D3359 – METHOD B	Adhesion ( <i>retention of coating</i> ) over 90% of test area ( <i>tape and knife kit test</i> ).
CORROSION RESISTANCE	B117, D714, D1654	Corrosion resistance over 1,000 hours ( <i>scribed per D1654; failure mode is accumulation of 1/8" coating loss from scribe or medium #8 blisters</i> )
IMPACT RESISTANCE	D2794	Impact resistance over 60" lb. ( <i>forward impact using 0.625" ball</i> ).
WEATHERING RESISTANCE	D822 D2244, D523 (60° method)	Weathering resistance over 1,000 hours ( <i>failure mode is 60% loss of gloss or color variance of more than 3 delta-E color units</i> ).

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