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As Antakya Galvaniz, we are in the place we deserve in the sector with the experience we have gained and the customer satisfaction we have provided after 12 years of success and progress.

Antakya Galvaniz started its commercial life with Öz İş Metal in 1996. Öz İş Metal, taking firm steps forward in the metal sector, stepped into the Galvanizing sector in 2010 and established Antakya Galvaniz.

Antalya Galvaniz has a total working area of 15,000 m2, consisting of 10.000 m2 indoor and 5000 m2 outdoor space.

We have achieved the projects we have successfully carried out in 12 years, the customer satisfaction we have provided and our sectoral stance with our professional staff that constantly renews themselves, always aims for the future, always researches for development and turns to success.

> Activity Fields of Antakya Galvaniz; • Hot-Dip Galvanized Coating • Manufacturing and Installing Highway Guardrails • Manufacturing Lighting Poles • Steel Construction Manufacturing • Manufacturing and Installing Pedestrian Guardrails • Steel Construction Manufacturing for Solar Energy







ANTAKYA GALVANİZ has adopted customer oriented quality policies which prioritize customer satisfaction. Today service quality is as important as product quality. ANTAKYA GALVANİZ continues to offer service to its customers combining these two elements.

ANTAKYA GALVANİZ undertakes the following issues to its customers. •Production of global standards •Quality service •Quick and timely delivery •Appropriate commercial conditions •Stable service •After sales service •Unconditional customer satisfaction

ANTAKYA GALVANİZ sustains its marketing operations for national and international markets increasingly. It targets at offering better service for the existing customers with its wide product spectrum and high capacity.



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ANTAKYA GALVANİZ selects its employees carefully believing in the difference to be created by qualified and highly motivated workforce and supports them for both their professional and personal development.

A systematic development is targeted using the models and practices that would enable the employees to achieve high performance. It sustains its activities intensely synthesizing the values of the international structure of which it is a member with local values.

ANTAKYA GALVANİZ targets at becoming a leader changing and transforming the sector beyond being a significant player with its growing investments and developing organization in domestic and foreign markets.



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QUALITY POLICY

The target of our Quality Policy is offering our customers reliable and competitive product and service.

Quality means perfection in our sustainable development and it is quite significant for providing economic benefit in the long run. Being a leader in customer orientation requires exceeding QUALITY expectations of the customers.

Our strong relations with our suppliers help us with increasing final QUALITY of our products and services. It is one of the cornerstones of our institution for continuous improvement of effectiveness of QUALITY Management System.

We encourage all our employees and colleagues to adopt personal loyalty for QUALITY. QUALITY is a part of our culture.





YOUR LIFEIS SAFER WITH ANTAKYA GALVANİZ

OUR MISSION

Gaining sectoral confidence through high-quality production and workmanship and adding value to human life through our confidence.

OUR VISION

To increase quality of the sector through continuously self-developing thought system.



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HOT DIP GALVANIZING TECHNICAL INFORMATION

WHAT IS HOT DIP GALVANIZING?

Hot-dip galvanizing is the process of dipping steel in a kettle containing hot zinc. When steel is in the kettle, it enters in reaction with melted zinc and a metallurgic alloy coating which provides superior protection for the steel. Metal surface is coated with armour plate at micron level at the end of the process. This armour plate prevents oxidation of metal in many different atmospheric conditions. Any product with hot-dip galvanizing may survive for many years without requiring any maintenance or repair.

Hot-dip galvanizing is the best known method for protection of steel. Endurance, long life, low cost, versatility, sustainability and aesthetic hot-dip are included in positive aspects of hot-dip galvanizing. Hot-dip galvanizing that provides unique protection for steel benefits from numerous applications of steel products used in difficult conditions and hot-dip galvanizing.



Material and Thickness	Minimum Local Coating Thickness gr/m²-µm		Minimum Average Coatir	ig Thickness gr/m²- μm
Steel > 6 mm	505 gr /m²	70 µm	610 gr /m²	85 µm
Steel > 3 mm - < 6 mm	395 gr /m²	55 µm	505 gr /m²	70 µm
Steel > 1,5 mm - < 3 mm	325 gr /m²	45 µm	395 gr /m²	55 µm
Steel > 1,5 mm	250 gr /m²	35 µm	325 gr /m²	45 µm
Castings > 6 mm	505 gr /m²	70 µm	575 gr /m²	80 µm
Castings > 6 mm	430 gr /m²	60 µm	505 gr /m²	70 µm





What is steel roadway railing?

Roadway railing is a passive security system which turns back to road those vehicles which go off the road undesirably for any reason.

Thanks to those systems, the vehicles which go off the road are re-directed to the road without damaging the drivers and passengers and non-traffic and non-road elements following extinguish of the energy of the vehicle by the roadway railing systems after a vehicle crashes into the roadway railing systems with a specific angle.

Roadway railings are used to minimize death, personal injury and material damage arising from accidents that may happen as a consequence of false acts of vehicles.

Upon transition to "Performance-based roadway railing systems" in our country in accordance with EN 1317 standards within European Union harmonization process, systems which are lighter yet have higher containment level and narrower working width began to be used.





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EN 1317 Technical Terms

TABLE-1 CONTAINMENT LEVELS

Containment Level		Acceptance Test
Low Angle Containment	T1 T2 T3	TB 21 TB 22 TB 41 and TB 21
Normal Containment	N1 N2	TB31 TB 32 and TB 11
Higher Containment	H1 L1 H2 L2 H3 L3	TB 42 and TB 11 TB42,TB 32 and TB 11 TB 51 and TB 11 TB 51, TB 32 and TB 11 TB 61 and TB 11 TB 61, TB 32 and TB 11
Very High Containment	H4a H4b L4a L4b	TB 71 and TB 11 TB 81 and TB 11 TB 71, TB 32 and TB 11 TB 81, TB 32 and TB 11





No	Test	Impact Rate Km/Hour	Impact Angle	Total Vehicle Weight Kg	Vehicle Type
1	TB 11	100	20	900	Automobile
2	TB 21	80	8	1.300	Automobile
3	TB 22	80	15	1.300	Automobile
4	TB 31	80	20	1.500	Automobile
5	TB 32	110	20	1.500	Automobile
6	TB 41	70	8	10.000	Heavy Vehicle
7	TB 42	70	15	10.000	Heavy Vehicle
8	TB 51	70	20	13.000	Bus
9	TB 61	80	20	16.000	Heavy Vehicle
10	TB 71	65	20	30.000	Heavy Vehicle
11	TB 81	65	20	38.000	Trailer Heavy Vehicle

TABLE - 2 INITIAL TYPE TEST CRITERIA

TABLE-3 WORKING WIDTH LEVELS

No	Working Width Level ClassesWorking	Width Levels
1	W1	W≤0,60
2	W2	W≤0,80
3	W3	W≤1,00
4	W4	W≤1,30
5	W5	W≤1,70
6	W6	W≤2,10
7	W7	W≤2,50
8	W8	W≤3,50





TABLE-4 ACCELERATION SEVERITY INDEX (ASI)

ASI Class	Values		
А	ASI≤1,0		
В	1,0 <asi≤1,4< td=""><td></td><td></td></asi≤1,4<>		
С	1,4 <asi≤1,9< td=""><td></td><td></td></asi≤1,9<>		





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Our Products

SINGLE SIDED ON GROUND

System Name	Technical Drawing	Containment Level	Working Width	ASI
TR-N2W2	640	N2	W2	A
ANTG-N2W3-2,66	1400mm	N2	W3	A
ESP/2,0	750	N2	W4	A
ESP/4,0	750	N2	W5	A
ANTG-H1W1 1,33	1700 mm 500 mm 750 mm	H1	W1	A



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SINGLE SIDED ON GROUND

System Name	Technical Drawing	Containment Level	Working Width	ASI
ANTG-H1W3-2.0	1700mm	H1	W3	A
ANTG-H1W3-2,66	750	H1	W3	А
TR-H1W3	750	H1	W3	А
ANTG-H1-2.0	120 120 120 120 120 120 120 120	H1	W4	A
ANTG-H1W4-2,66	1400mm 500mm±5	H1	W4	А







SINGLE SIDED ON GROUND

System Name	Technical Drawing	Containment Level	Working Width	ASI
EDSP/1,33		H1	W4	A
EDSP/2,00		H1	W5	A
ANTG-L1W3-2,66	1400 mm 800 mm 750 mm	H1	W5	A
ANTG H2W3-2,0	290mm WW 000 + 000 000 + 0000	H2	W3	В
TR-H2W3	200mm	H2	W3	A
SMART RAİL 1,33 PLUS	120	H2	W4	A





SINGLE SIDED ON GROUND

System Name	Technical Drawing	Containment Level	Working Width	ASI
TR H2-W4	950mm ± 40	H2	W4	А
AG03H2 M 2,00	1700mm 800 mm 900 mm±30	H2	W4	А
ANTG H2 W5 1,33	205mm Bogum	H2	W5	A
ANTG H4B W2 - 2,0	2350mm ± 20 000mm ± 20 000mm ± 20 000mm ± 20	H4B	W2	В
TR H4B		H4B	W2	В
AG01 H4B 2,00		H4B	W5	A







DOUBLE SIDED ON GROUND

System Name	Technical Drawing	Containment Level	Working Width	ASI
DDSP/4,0		H1	W6	A
TR H2W2 DS	017-7006 017-7006	H2	W2	В
TR H2W3 DS	850±40 850±40	H2	W3	В
TR H2W4 DS	850±40	H2	W4	A
DDSP/2,0++		H2	W6	A
AG04 H2 1.33 DOUBLE	1600mm 680mm 780+500mm	H2	W3	В



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SINGLE SIDED BRIDGE PROTECTOR

System Name	Technical Drawing	Containment Level	Working Width	ASI
ANTG-H1W1-BW/2.0	717mm±10 800mm±20	H1	W1	В
TR H1-W2 BW	695mm ± 5	H1	W2	А
TR H2W3 BW		H2	W3	В
AG03 H2 S 2.00 Bridge	950±30	H2	W4	В
AG04 H2 M 2.00 Bridge	900mm±10 794mm±1	H2	W4	В
ANTG-H2-BW	206	H2	W4	В







SINGLE SIDED BRIDGE PROTECTOR

System Name	Technical Drawing	Containment Level	Working Width	ASI
TR H2W4 BW		H2	W4	В
EDSP/1,33 BW	500	H2	W7	A
AG01 H4B 2.00 Bridge		H4B	W3	A
TR-H4B-W3 - BW	900	H4B	W3	В

DOUBLE SIDED BRIDGE PROTECTOR

System Name	Technical Drawing	Containment Level	Working Width	ASI
TR H2-W2 DS BW		H2	W2	В

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TR-N2W2

Initial Type Test Criteria (I	гт)	TB11 & TB32
Containment Level		N2
 Working Width (m)		W≤0,80
Class of Working Width		W2
Acceleration Severity Inde	x (ASI)	А
Post distance (m)		2,67
Type of Beam	А Туре	& B Type



ANTG-N2W3-2,66



Initial Type Test Criteria (ITT)	TB11 & TB32
Containment Level	N2
Working Width (m)	W≤1,0
Class of Working Width	W3
Acceleration Severity Index (A	.SI) A
Post distance (m)	2,66
Type of Beam A Ty	уре & В Туре









Initial Type Test Criteria (ITT)	TB11 & TB32	
Containment Level	N2	
Working Width (m)	W≤1,3	
Class of Working Width	W4	
Acceleration Severity Index (ASI)) A	
Post distance (m)	2,00	
Type of Beam A Type	е & В Туре	



Initial Type Test Criteria (I	TT) TB11 & TB32	
Containment Level	N2	
Working Width (m)	W≤1,7	
Class of Working Width	W5	
Acceleration Severity Inde	əx (ASI) A	
Post distance (m)	4,00	
Type of Beam	А Туре & В Туре	





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ANTG-H1W1-1,33

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Containment Level
Working Width (m)
Class of Working Wig
Acceleration Severit
Post distance (m)
Type of Beam

Initial Type Test Criteria (ITT)	TB11 & TB42
Containment Level	H1
Working Width (m)	W≤0,6
Class of Working Width	W1
Acceleration Severity Index (ASI)) A
Post distance (m)	1,33
Type of Beam A Type	е & В Туре

ANTG-H1W3-2,0



Initial Type Test Criteria (ITT)	TB11 & TB42
Containment Level	H1
Working Width (m)	W≤1,0
Class of Working Width	W3
Acceleration Severity Index (ASI)) A
Post distance (m)	2,00
Type of Beam A Type	е & В Туре





ANTG-H1W3-2,66

Initial Type Test Criteria (ITT)	TB11 & TB42
Containment Level	H1
Working Width (m)	W≤1,0
Class of Working Width	W3
Acceleration Severity Index (ASI) A
Post distance (m)	2,66
Type of Beam A T	Гуре & В Туре





Initial Type Test Criteria (ITT)	TB11 & TB42	
Containment Level	H1	
Working Width (m)	W≤1,0	
Class of Working Width	W3	
Acceleration Severity Index (ASI)	А	
Post distance (m)	2,67	
Type of Beam A Type	e & B Type	







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ANTG-H1-2.0

Initial Type Test Criteria (ITT)	TB11 & TB42
Containment Level	H1
Working Width (m)	W≤1,3
Class of Working Width	W4
Acceleration Severity Index (ASI)	А
Post distance (m)	2,00
Type of Beam A Type	& B Type



ANTG-H1W4-2,66



Initial Type Test Criteria (I1	T) TB11 & TB42
Containment Level	H1
Working Width (m)	W≤1,3
Class of Working Width	W4
Acceleration Severity Inde	x (ASI) A
Post distance (m)	2,66
Type of Beam	А Туре & В Туре



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Initial Type Test Criteria (ITT)	TB11 & TB42	
Containment Level	н	
Working Width (m)	W≤1,3	
Class of Working Width	W4	L
Acceleration Severity Index (ASI) A	
Post distance (m)	1,33	
Type of Beam A Typ	е & В Туре	



EDSP/2,00

Initial Type Test Criteria (ITT)	TB11 & TB42
Containment Level	H1
Working Width (m)	W≤1,7
Class of Working Width	W5
Acceleration Severity Index (AS	i) A
Post distance (m)	2,00
Type of Beam A Typ	ре & В Туре







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ANTG-L1W3-2,66

Initial Type Test Criteria (ITT)	TB11, TB32 and TB42
Containment Level	L1
Working Width (m)	W≤1,0
Class of Working Width	W3
Acceleration Severity Index (ASI)	А
Post distance (m)	2,66
Type of Beam A Type	& В Туре

ANTG H2W3 2,0



Initial Type Test Criteria (ITT)	TB11 & TB51
Containment Level	H2
Working Width (m)	W≤1,0
Class of Working Width	W3
Acceleration Severity Index (ASI)	В
Post distance (m)	2,00



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Smart Rail 1,33 Plus

Initial Type Test Criteria (ITT)	TB11 & TB51
Containment Level	H2
Working Width (m)	W≤1,3
Class of Working Width	W4
Acceleration Severity Index (ASI)	А
Post distance (m)	1,33





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TR-H2W4

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Initial Type Test Criteria (ITT)	TB11 & TB51
Containment Level	H2
Working Width (m)	W≤1,3
Class of Working Width	W4
Acceleration Severity Index (ASI)	A
Post distance (m)	3,00

AG03 H2 M 2,00



Initial Type Test Criteria (ITT)	TB11 & TB51
Containment Level	H2
Working Width (m)	W≤1,3
Class of Working Width	W4
Acceleration Severity Index (ASI)	А
Post distance (m)	2,00





ANTG-H2W5 1,33

Initial Type Test Criteria (ITT)	TB11 & TB51
Containment Level	H2
Working Width (m)	W≤1,7
Class of Working Width	W5
Acceleration Severity Index (ASI)	А
Post distance (m)	1,33
Type of Beam	Type A



ANTG-H4B W2 2,00

Initial Type Test Criteria (ITT)	TB11 & TB81
Containment Level	H4B
Working Width (m)	W≤0,80
Class of Working Width	W2
Acceleration Severity Index (ASI)	В
Post distance (m)	2,00





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TR-H4B



Initial Type Test Criteria (ITT)	TB11 & TB81
Containment Level	H4B
Working Width (m)	W≤1,3
Class of Working Width	W4
Acceleration Severity Index (ASI)	В
Post distance (m)	1,33

AG01 H4B 2,00



Initial Type Test Criteria (ITT)	TB11 & TB81
Containment Level	H4B
Working Width (m)	W≤1,7
Class of Working Width	W5
Acceleration Severity Index (ASI)	A
Post distance (m)	2,00





DDSP/4,00

Initial Type Test Criteria (ITT)	TB11 & TB42	
		-
Containment Level	H1	
Working Width (m)	W≤2,1	
Class of Working Width	W6	
Acceleration Severity Index (ASI)	A	
Post distance (m)	4,00	-
Type of Beam A Type	& В Туре	



TR-H2W2 DS

Initial Type Test Criteria (ITT)	TB11 & TB51
Containment Level	H2
Working Width (m)	W≤0,80
Class of Working Width	W2
Acceleration Severity Index (ASI)	В
Post distance (m)	0,75





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TR-H2W3-DS

	Initial Type Test Criteria (ITT)	TB11 & TB51
	Containment Level	H2
	Working Width (m)	W≤1,00
	Class of Working Width	W3
	Acceleration Severity Index (ASI)	В
	Post distance (m)	1,50
1911 I. C. C. C. C. C. C. C. C. C. C. C. C. C.	Type of Beam	Туре А



TR-H2W4 DS



Initial Type Test Criteria (ITT)	TB11 & TB51
Containment Level	H2
Working Width (m)	W≤1,3
Class of Working Width	W4
Acceleration Severity Index (ASI)	А
Post distance (m)	2,25
Type of Beam	Туре А



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DDSP/2,00++

Initial Type Test Criteria (ITT)	TB11 & TB51	
Containment Level	H2	
Working Width (m)	W≤2,1	
Class of Working Width	W6	
Acceleration Severity Index (A	.SI) A	
Post distance (m)	2,00	
Type of Beam A Ty	уре & В Туре	

AG04 H2 1,33 DOUBLE

Initial Type Test Criteria (ITT)	TB11 & TB51	
Containment Level	H2	
Working Width (m)	W≤1,00	
Class of Working Width	W3	
Acceleration Severity Index (ASI)	В	
Post distance (m)	1.33	
Type of Beam A Type	e & B Type	



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ANTG-H1W1-BW/2.0

Initial Type Test Criteria (ITT)	TB11 & TB42
Containment Level	H1
Working Width (m)	W≤0,6
Class of Working Width	W1
Acceleration Severity Index (A	ASI) B
Post distance (m)	2,00
Type of Beam A T	уре & В Туре





Initial Type Test Criteria (IT	T) TB11 & TB42
Containment Level	H1
Working Width (m)	W≤0,80
Class of Working Width	W2
Acceleration Severity Index	(ASI) A
Post distance (m)	1,50
Type of Beam A	а Туре & В Туре



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TR-H2W3-BW

Initial Type Test Criteria (ITT)	TB11 & TB51	
Containment Level	H2	
Working Width (m)	W≤1,00	
Class of Working Width	W3	
Acceleration Severity Index (ASI)	В	A THE SECOND
Post distance (m)	1.50	

AG03 H2 S 2.00 BRIDGE

Initial Type Test Criteria (ITT)	TB11 & TB51
Containment Level	H2
Working Width (m)	W≤1,0
Class of Working Width	W3
Acceleration Severity Index (ASI)	В
Post distance (m)	2,00





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AG04 H2 M 2.00 BRIDGE

	Initial Type Test Criteria (ITT)	TB11 & TB51
	Containment Level	H2
11	Working Width (m)	W≤1,3
	Class of Working Width	W4
	Acceleration Severity Index (ASI)	В
	Post distance (m)	2,00



ANTG-H2-BW



Initial Type Test Criteria (ITT)	TB11 & TB51
Containment Level	H2
Working Width (m)	W≤1,3
Class of Working Width	W4
Acceleration Severity Index (ASI)	В
Post distance (m)	1,33



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TR-H2W4-BW

Initial Type Test Criteria (ITT)	TB11 & TB51
Containment Level	H2
Working Width (m)	W≤1,3
Class of Working Width	W4
Acceleration Severity Index (ASI)	В
Post distance (m)	2,25

EDSP/1,33 BW

Initial Type Test Criteria (ITT)	TB11 & TB51
Containment Level	H2
Working Width (m)	W≤2,5
Class of Working Width	W7
Acceleration Severity Index (A	SI) A
Post distance (m)	1,33
Type of Beam A Ty	ре & В Туре





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AG01 H4B 2.00 BRIDGE



Initial Type Test Criteria (ITT)	TB11 & TB81
Containment Level	H4B
Working Width (m)	W≤1,0
Class of Working Width	W3
Acceleration Severity Index (ASI)	A
Post distance (m)	2,00

TR H2-W2 DS BW



Initial Type Test Criteria (ITT)	TB11 & TB51
Containment Level	H2
Working Width (m)	W≤0,80
Class of Working Width	W2
Acceleration Severity Index (ASI)	В
Post distance (m)	1,50



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For a better life within safer boundaries.



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Pedestrian Guardrail Systems

Pedestrian guardrail systems are systems applied in bridge and pedestrian path areas for the safety of pedestrians and vehicles traveling on highways. The main purpose of pedestrian guardrails is to separate pedestrian areas from the roads. These areas, built to prevent pedestrians from crossing roads instead of bridges, are widely used especially on two-way roads. With this method, the road safety of pedestrians and vehicles is tried to be provided.

As Antakya Galvaniz, we produce pedestrian guardrail systems in accordance with the general principles of highways, through our understanding of high engineering, correct technology and high-quality production.





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Pedestrian Guardrail Systems







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Street Lighting Poles













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Road Sign Poles





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Gantry Sign Poles

Gantries are usually built on high-traffic roads or routes with several lanes, where signs posted on the side of the highway would be hard for drivers to see. Gantries may be cantilevered or one-sided on the left, right and center, or they may be bridges with poles on each side.





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Structures For Solar Power Plants





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