

Veziroglu
construction
company



istanbul izmir ankara





Veziroglu construction company 1948-1978



*S. Sedat Veziroglu
M.Sc. Architect*



*M. Kadri Veziroglu
Civ. Eng.*



*Dr. T. Nejat Veziroglu
Mech. Eng.*

The beginning of this establishment goes back some 30 years to 1948 when M. Kadri Veziroglu (civil Engineer and elder of the three brothers) started work as a construction contractor. He was first joined by S. Sedat Veziroglu (Architect) and later by Nejat Veziroglu (Mechanical Engineer).

In 1958, after the early loss of M. Kadri Veziroglu, the Company was incorporated in Istanbul as a Limited Company and headed by the two (S. Sedat and T. Nejat) Veziroglu brothers. Since 1962, when T. Nejat Veziroglu took up an Academic position, the Veziroglu Construction Company has been managed by S. Sedat Veziroglu, T. Nejat Veziroglu continues his ties with the company as a consultant.

The company, in its first thirty years, has completed important construction projects both inside and outside Turkey. It owns a large equipment park and service shops.

In addition to construction work, the Veziroglu has investments in prefabrication field to manufacture building elements and railway sleepers.

The Veziroglu Construction Company is entering its second thirty years firmly established as an important construction and construction-related manufacturing firm in the Middle East.

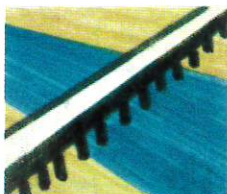




EARTHMOVING



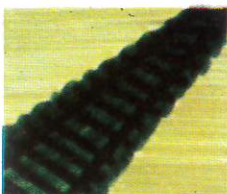
BRIDGES



HIGHWAYS



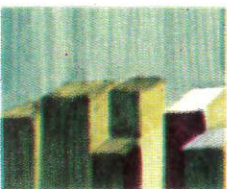
RAILROADS



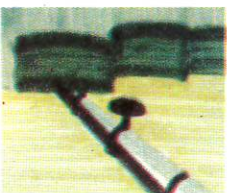
AIRFIELDS



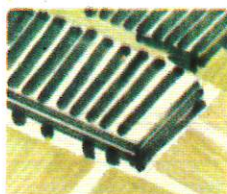
BUILDINGS
AND HOUSING



PIPE LINES
AND TANKS



WATERWORKS



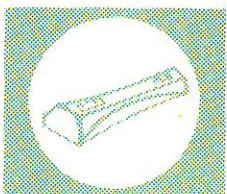
PREFABRICATED
FACTORY BUILDINGS



VEZİROĞLU '77



VEZİROĞLU
CONCRETE FACTORY



PRESTRESSED
CONCRETE SLEEPERS



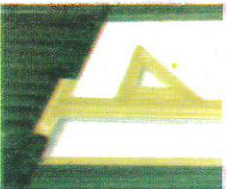
PREFABRICATED
CONSTRUCTION
ELEMENTS



SECURITY FENCING



PREFABRICATED
WAREHOUSES



BUILDING DESIGNS

EARTHMOVING

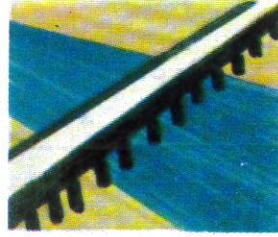
PROJECT AND LOCATION	CONTRACTING AGENCY	AMOUNT OF CONTRACT	MAIN WORK ITEMS
Steel Mill Plant Land Clearing Ereğli/Zonguldak	Turkish Iron and Steel Works	US. \$ 1 251 000.—	Excavation 828.000 m ³ (%40 Rock)
Çiğli Off Base Construction, İzmir	U.S. Army Corps of Engineers	US. \$ 742 000.—	Six missile bases Excavation 516.000 m ³
Salt pads Construction, Çamaltı, İzmir	Department of Monopolies İstanbul	US. \$ 9 600 000.—	Road 42 km. Excavation 1.850.000 m ³ Rock 420.000 m ³ Swamp 480.000 m ³ Hauling 22.000.000 ton km.
		US. \$ 11 593 000.—	



BRIDGES

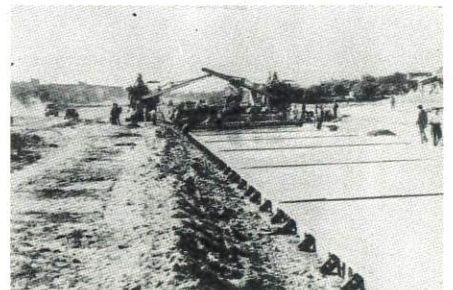
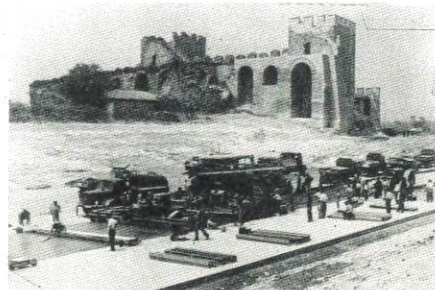
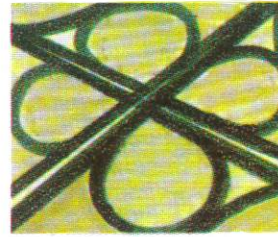
PROJECT AND LOCATION	CONTRACTING AGENCY	AMOUNT OF CONTRACT	MAIN WORK ITEMS
Pavli Bridge, İstanbul Dil İskelesi Bridge, İzmit	Department of public Highways	US \$ 440 000.—	Pavli bridge 42 m Dil iskelesi 68 m
Turgutlu-Salihli Highway Bridges, Manisa	Department of public Highways	US \$ 942 000.—	Number 6 bridges Total length 424 m
Aydın Group Bridges, Aydın	Department of public Highways	US \$ 641 000.—	Number 4 bridges Total length 390 m
Kepsüt Bridges, Balıkesir	Department of public Highways	US \$ 582 000.—	Number 2 bridges Total length 290 m
İzmir Group Bridges, İzmir	Department of public Highways	US \$ 380 000.—	Number 4 bridges Total length 366 m
Meriç Bridge Turkish-Greek Border	Department of public Highways	US \$ 1 464 000.—	Length 455 m
Meriç Group Bridges, İpsala, Edirne	Department of public Highways	US \$ 410 000.—	Number 3 bridges Total length 280 m

US \$ 4 859 000.—



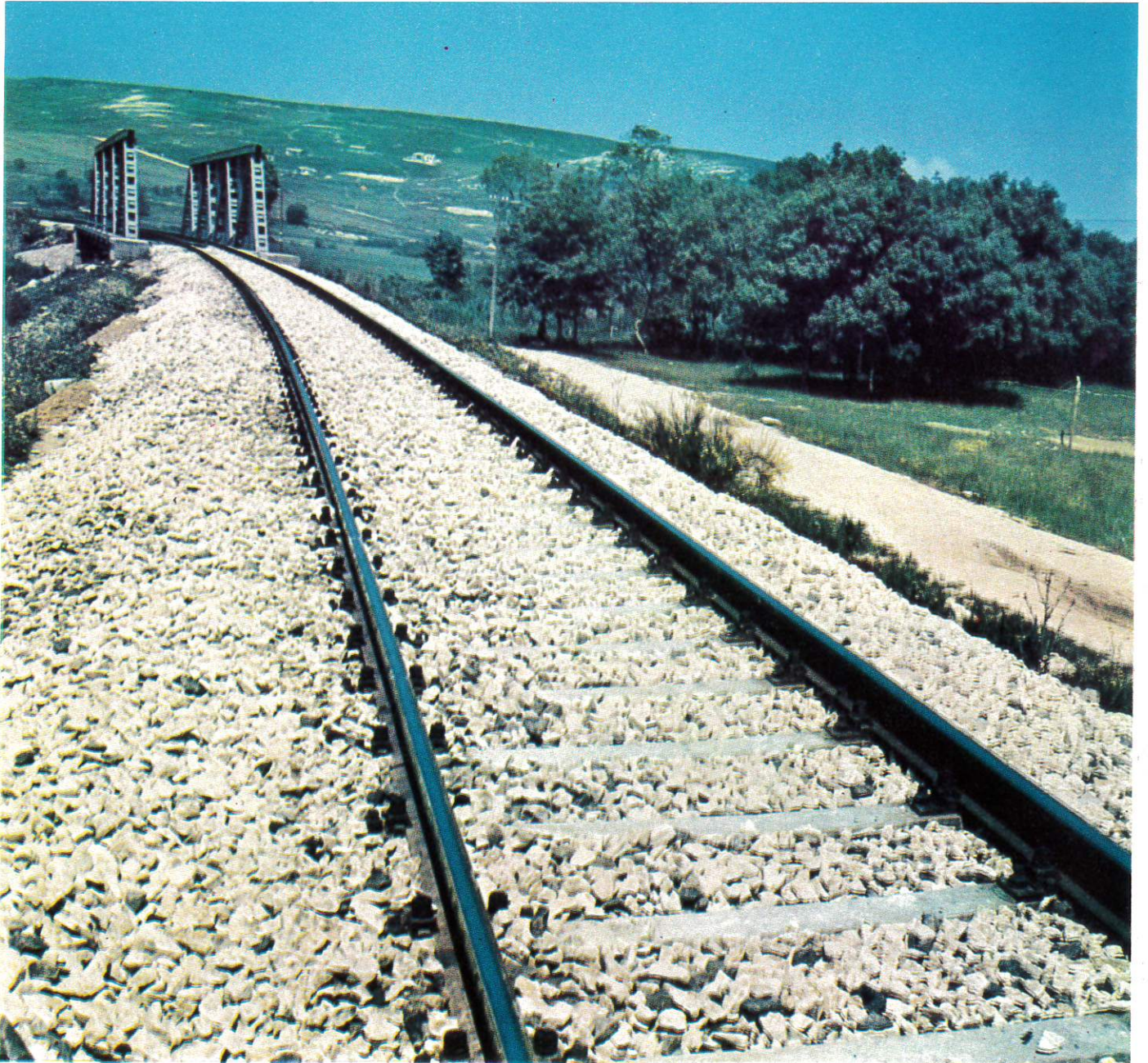
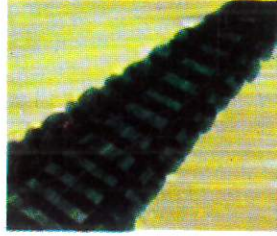
HIGHWAYS

PROJECT AND LOCATION	CONTRACTING AGENCY	AMOUNT OF CONTRACT	MAIN WORK ITEMS
Turgutlu-Salihli Highway, Manisa	Department of public Highways	US \$ 1 212 000.—	Length 40 km Excavation 488 000 m ³
Edremit-Küçükkuyu-Ayvacık Highway, Çanakkale	Department of public Highways	US \$ 860 000.—	Length 44 km Excavation 390 000 m ³
Izmit-Karamürsel Highway, Izmit	Department of public Highways	US \$ 182 000.—	Length 4 km Excavation 66 000 m ³
Ipsala-Meric Highway, Edirne	Department of public Highways	US \$ 785 000.—	Length 6 km Excavation 240 000 m ³
Yalova-Bursa Highway, Bursa	Department of public Highways	US \$ 2 504 000.—	Length 42 km Excavation 1 214 000 m ³
Vatan Boulevard Millet Boulevard Sea shore Boulevard Istanbul	Municipality of Istanbul	US \$ 8 571 000.—	Length 14 km (six Lanes) Excavation 860 000 m ³ Subbase 75 200 m ³ Concrete 76 050 m ³ Form 38 155 m ³ Asphalt 157 370 m ³
Edirnekapi-Beyazit Boulevard Aksaray-Yenikapi Boulevard Tcpcapi-Yedikule-Boulevard Sirkeci-Florya Boulevard Yeniköy-Istinye-Bebek-Boulevard Istanbul	Municipality of Istanbul	US \$ 11 348 000.—	Length 18 km (Four and six lane boulevards) Excavation 782 000 m ³ Subbase 71 000 m ³ Concrete 81 020 m ³ Form 36 060 m ³ Asphalt 164 012 m ³
Sirkeci-Florya Highway, Istanbul	Department of public Highways	US \$ 188 000.—	Length 7 km Concrete 131 000 m ³
Toprakkale-Ceyhan Highway, Adana	Department of public Highways	US \$ 136 000.—	Length 6 km Excavation 372 000 m ³
City Thorogfare Izmit	Department of public Highways	US \$ 103 000.—	Length 3 km Concrete 94 000 m ³
Gölbaşı Asphalt Paving, Ankara	U.S. Army Corps of Engineers	US \$ 133 000.—	Asphalt 12 000 tons
Bursa-Yalova Highway, Bursa	Department of public Highways	US \$ 611 000.—	Length 42 km Excavation 50 000 m ³ Crushed stone 62 000 m ³
Slice IV and V Roads and Buildings, Western Turkey	NATO (North Atlantic Treaty Organisation) thru Ministry of Public Works.	US \$ 2 907 000.—	Length 54 km Excavation 1 300 000 m ³ Buildings 36 Bridges 4
Slice VI Roads and Buildings, Eastern Turkey	NATO (North Atlantic Treaty Organisation) thru Ministry of Public Works.	US \$ 1 283 000.—	Excavation 379 000 m ³ Base material 107 000 m ³ Concrete 2 000 m ³
Slice VII Roads and Buildings, Western Turkey	NATO (North Atlantic Treaty Organisation) thru Ministry of Public Works.	US \$ 1 494 000.—	Excavation 190 000 m ³ Base material 45 000 m ³ Concrete 1 200 m ³
Çigli Base Macadam Roads, Izmir	U.S. Army Corp of Engineers	US \$ 247 000.—	Asphalt 88 000 m ²
Malkara-Keşan Highway, Edirne	Department of public Highways	US \$ 1 218 000.—	Length 34 km. Excavation 1 247 000 m ³ Base material 303 000 m ³
Asphalt covering of Harbour Roads and Areas, Samsun	Ministry of public works	US \$ 217 000.—	Asphalt 24 300 m ²
		US \$ 33 999 000.—	



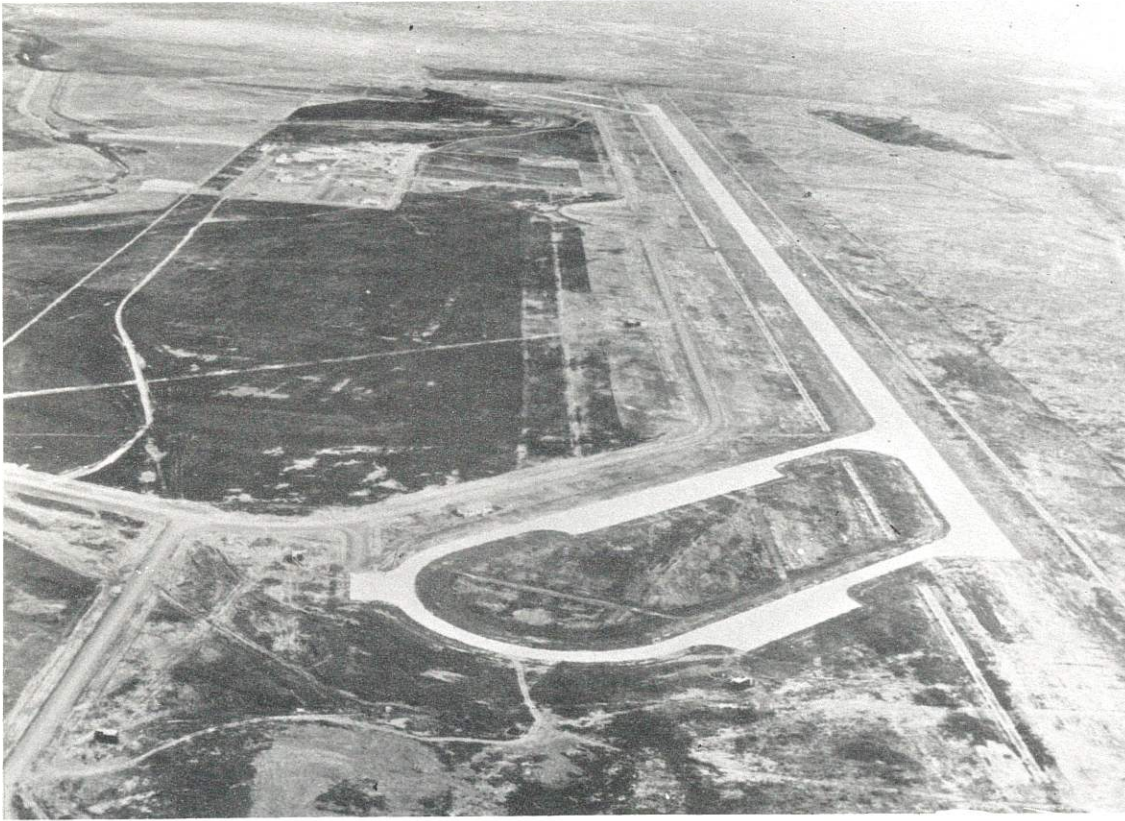
RAILROADS

PROJECT AND LOCATION	CONTRACTING AGENCY	AMOUNT OF CONTRACT	MAIN WORK ITEMS
Iron and Steel Works Connection, Iskenderun	Ministry of Public Works	US. \$ 150.000.—	Length 2.5 km
Sinekli Railroad Catalca, İstanbul	State Railways	US. \$ 440.000.—	Length 13 km
		US. \$ 590.000.—	



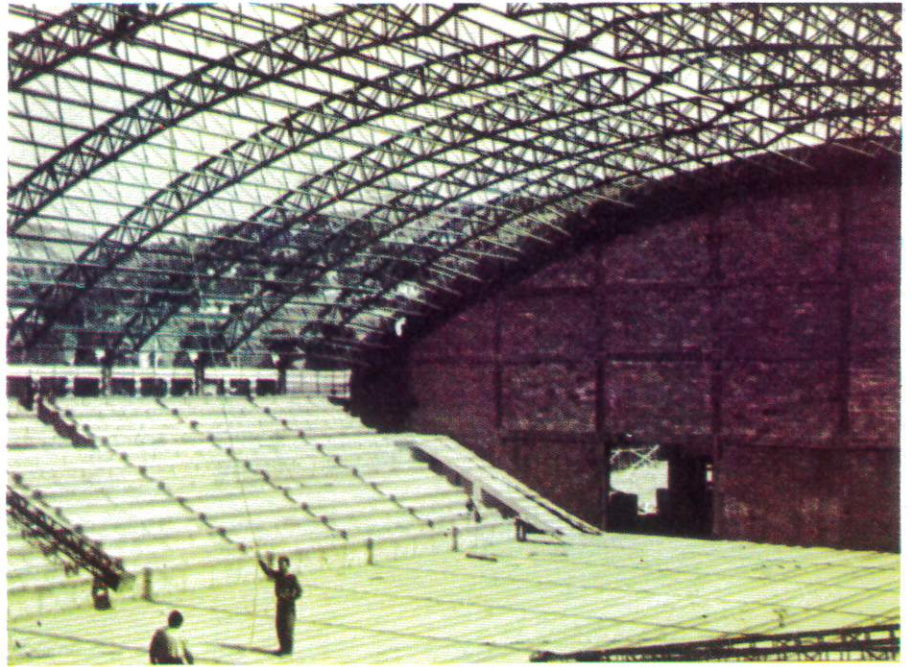
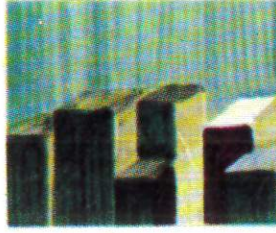
AIRFIELDS

PROJECT AND LOCATION	CONTRACTING AGENCY	AMOUNT OF CONTRACT	MAIN WORK ITEMS	
Çiğli Airfield (1) İzmir	NATO (North Atlantic Treaty Organisation) thru Ministry of Public Works.	US \$ 7 456 000.—	Excavation Base material Concrete Runway Steelwork	1 227 000 m ³ 46 000 m ³ 129 000 m ² 323 tons
Balıkesir and Bandırma Airfields, Balıkesir	NATO (North Atlantic Treaty Organisation) thru Ministry of Public Works.	US \$ 3 046 000.—	Excavation Base material Concrete Paving Asphalt	165 000 m ³ 42 000 m ³ 132 000 m ² 19 200 tons
Akhisar Airfield Manisa	NATO (North Atlantic Treaty Organisation) thru Ministry of Public Works.	US \$ 281 000.—	Excavation Base material	31 000 m ³ 6 000 m ³
Diyarbakır Airfield Diyarbakır	NATO (North Atlantic Treaty Organisation) thru Ministry of Public Works.	US \$ 490 000.—	Excavation Concrete Paving Asphalt	62 000 m ³ 41 000 m ² 16 200 tons.
Sinop Airfield Sinop	U.S. Army Corps of Engineers	US \$ 800 000.—	Asphalt	6 500 tons
Çiğli Airfield (2) İzmir	U.S. Army Corps of Engineers	US \$ 1 242 000.—	Asphalt Macadam	42 000 m ² 116 000 m ²
Diyarbakır and Batman Airfields, Diyarbakır	NATO (North Atlantic Treaty Organisation) thru Ministry of Public Works.	US \$ 419 000.—	Excavation Concrete Paving Asphalt	50 000 m ³ 7 500 m ² 8 500 tons.
Yeşilköy International Airport, İstanbul (Joint Venture: Veziroğlu + Saydan + Fitzpatrick Overseas of London)	Ministry of Public Works	US \$ 11 210 000.—	Excavation Base material Concrete Runway Concrete Thickness	4 650 000 m ³ 126 000 m ³ 278 000 m ² 40 cm
		US \$ 24 944 000.—		



BUILDINGS AND HOUSING

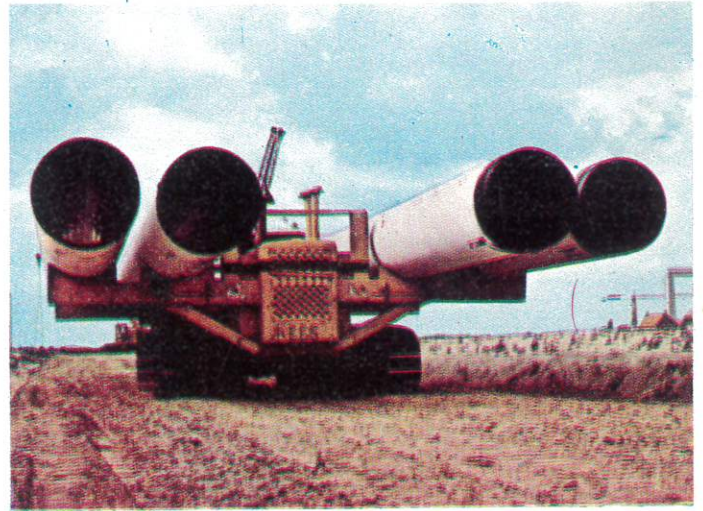
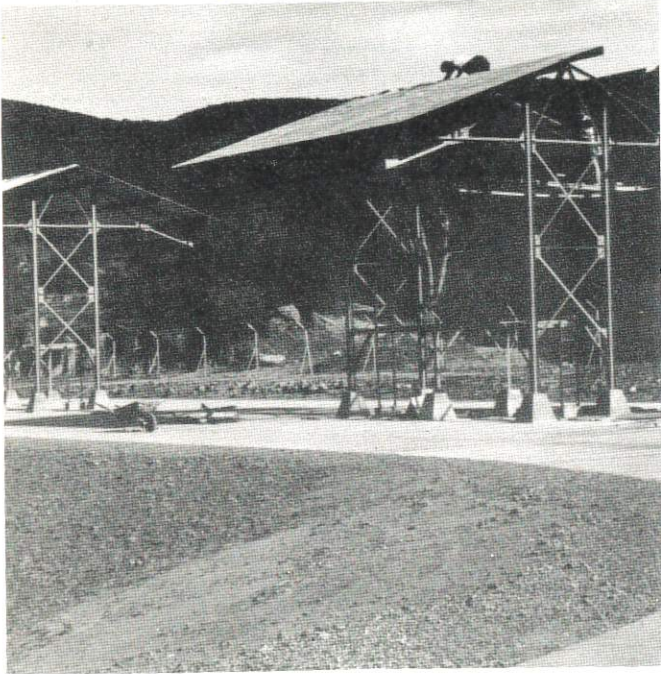
PROJECT AND LOCATION	CONTRACTING AGENCY	AMOUNT OF CONTRACT	MAIN WORK ITEMS	
Military Base Buildings Sinop	U.S. Army Corps of Engineers	US \$ 800 000.—	Number	10 large buildings
Gölbaşı Housing Project Ankara	U.S. Army Corps of Engineers	US \$ 457 000.—	Number	36 houses+1 school
Karamürsel FY61 Buildings İzmit	U.S. Army Corps of Engineers	US \$ 577 000.—	Number	3 large buildings
Karamürsel FY64 Facilities İzmit	U.S. Army Corps of Engineers	US \$ 442 000.—	Number	4 large buildings
Concrete Blocks for Çiğli Housing, İzmir	Morrison-Knudsen of Turkey, Inc.	US \$ 464 000.—	Number	1,300,000 Concrete blocks
Tack II Construction Marmara Ereğlisi, Tekirdağ	U.S. Army Corps of Engineers	US \$ 122 000.—	Number	2 Operation buildings
Sport Palaces: Samsun, Malatya, Trabzon, Sakarya, Kocaeli, Antalya, Çorum	Ministry of Sports	US \$ 3 150 000.—	Number	7 Sport Palaces, each seating 2000 Concrete+steel construction
Turkish Embassy building Sofia, Bulgaria	Ministry of Public Works	US \$ 540 000.—	Building Area	1 800 m ²
Turkish Embassy buildings Warsaw, Poland	Ministry of Foreign Affairs	US \$ 180 000.—	Building Area	600 m ²
Cigarette Factory Çiğli İzmir	Department of Monopolies İstanbul	US. \$31.000.000.—	Building Area	55 000 m ²
		US. \$ 37.732.000.—		



PIPELINES AND TANKS

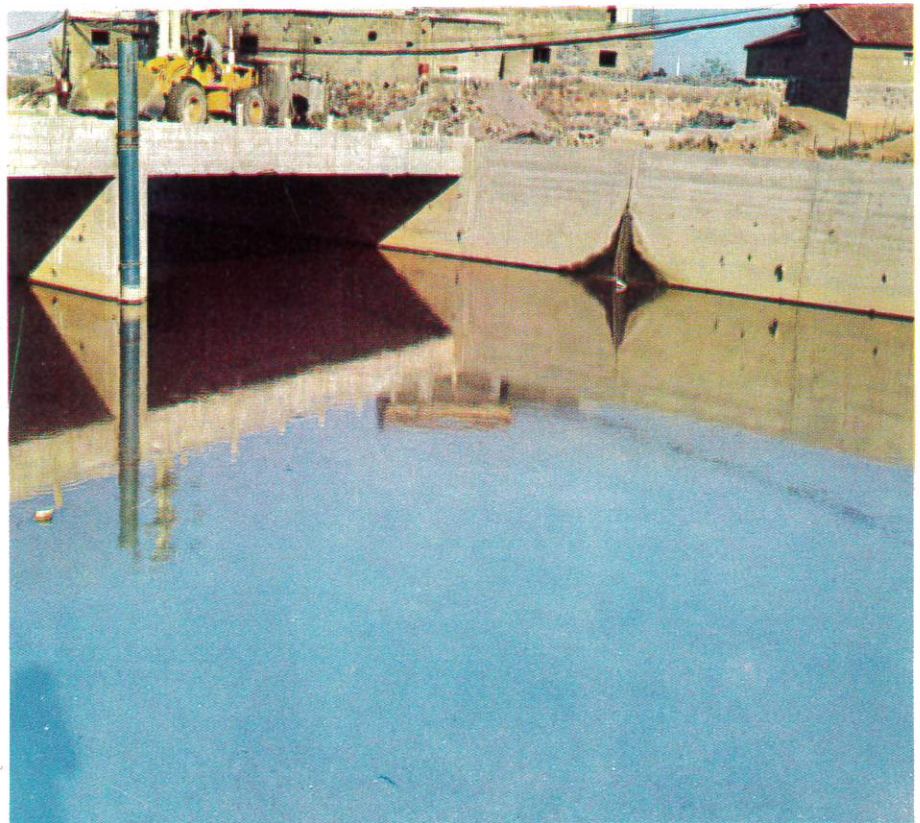
PROJECT AND LOCATION	CONTRACTING AGENCY	AMOUNT OF CONTRACT	MAIN WORK ITEMS
Istanbul-Izmit Pipeline Western Turkey,	NATO (North Atlantic Treaty Organisation) thru Ministry of Public Works.	US \$ 815 000.—	Length and size 83 km of 6" pipeline and 12 km of 8" pipeline
Slice VI Tank Farms and Pump Stations, Eastern Turkey.	NATO (North Atlantic Treaty Organisation) thru Ministry of Public Works.	US \$ 1 730 000.—	Excavation 227 000 m ³ Concrete Paving 33 000 m ² Pipeline 60 km of 4", 6" and 8" pipes Pump Stations 6
Slice VII Tank Farms and Pump Stations, Western Turkey	NATO (North Atlantic Treaty Organisation) thru Ministry of Public Works.	US \$ 2 997 000.—	Excavation 114.000 m ³ Concrete 5 300 m ³ Pipeline 20 km of 4", 6" and 8" pipes Pump Stations 7 Steel Work 155 tons
Erzurum-Erzincan Pipe Line and Pump Stations, Eastern Turkey,	NATO (North Atlantic Treaty Organisation) thru Ministry of Public Works.	US \$ 3 394 000.—	Length and size 146 km of 6" pipes
Pipeline Across Bosphorus Istanbul	NATO (North Atlantic Treaty Organisation) thru Ministry of Public Works.	US \$ 300 000.—	Water Crossing 3400 m 6" pipes Size 6" pipes Pump Stations 3

US \$ 9 236 000.—



WATERWORKS

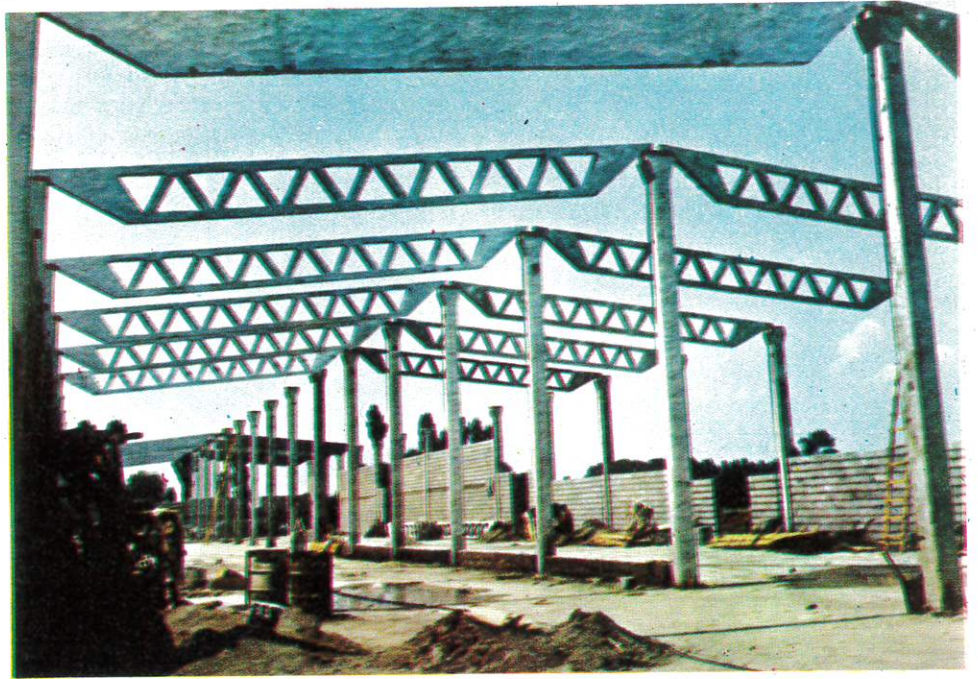
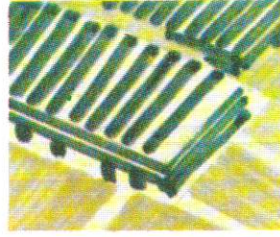
PROJECT AND LOCATION	CONTRACTING AGENCY	AMOUNT OF CONTRACT	MAIN WORK ITEMS
Karacaali River Improvement Manisa	Department of Water Works	US \$ 662 000.—	Canal Excavation 378 000 m ³ Rock Embankment 24 000 m ²
Çarşamba Plain Irrigation Samsun	Department of Water Works	US \$ 928 000.—	Canal Excavation 1 410 000 m ³
Çarşamba Marsh Drainage Samsun	Department of Water Works	US \$ 1 516 000.—	Drainage Area 42 000 hectars
		US \$ 3 106 000.—	



PREFABRICATED FACTORY BUILDINGS

PROJECT AND LOCATION	CONTRACTING AGENCY	AMOUNT OF CONTRACT	MAIN WORK ITEMS	
Veziroğlu Concrete Factory Altınşehir, Halkalı, İstanbul	Veziroğlu Cons. Co. İstanbul	US \$ 1 560 000.—	Building Area	5100 m ²
Brick and Tile Factory Diyarbakır	Diyarbakır Tuğla ve Kiremit A.Ş. Diyarbakır	US \$ 320 000.—	Building Area Open Storage Area	4 500 m ² 22 000 m ²
Vizoteks Nylon Factory Avcılar, İstanbul	Vizoteks A.Ş. İstanbul	US \$ 340 000.—	Building Area	2 100 m ²
Alko Chemical Factory Avcılar, İstanbul	Alko Kimya A.Ş. İstanbul	US \$ 118 000.—	Building Area	880 m ²
Northern Electric Warehouse Ümraniye, İstanbul	Northern Electric T.A.Ş. İstanbul	US \$ 98 000.—	Building Area	1 120 m ²
Shoe Factory Nazilli, Aydın	Nastaş A.Ş. Nazilli	US \$ 240 000.—	Building Area	1 600 m ²
Cable Plant Denizli	Ergür Kablo A.Ş. Denizli	US \$ 585 000.—	Building Area	4 400 m ²
Macoroni Factory Salihli, Manisa	Akiş A.Ş. İzmir	US \$ 270 000.—	Building Area	2 220 m ²
Grundig Television Factory Avcılar, İstanbul	Cihan Kom. Şti. İstanbul	US \$ 380 000.—	Building Area	4 400 m ²
Cotton Throat Factory İğdir, Kars	Anayurt Holding Ankara	US \$ 185 000.—	Building Area	3 680 m ²
Tools Factory Kırşehir	Kırşehir Holding Kırşehir	US \$ 240 000.—	Building Area	2 300 m ²
Veziroğlu Service Shops and Warehouse Erenköy, İstanbul	Veziroğlu Cons. Co İstanbul	US \$ 750 000.—	Building Area Open Storage Area	2 250 m ² 10 500 m ²
Tabacco Warehouses Çamaltı Tuzlası/İzmir	Department of Monopolies İstanbul	US \$ 4 540 000.—	Building Area	50 400 m ²
Tabacco Warehouses and Stores and Hangars Western Anatolia	Department of Monopolies İstanbul	US \$ 14 000 000.—	Building Area	114 500 m ²

23 626 000.—

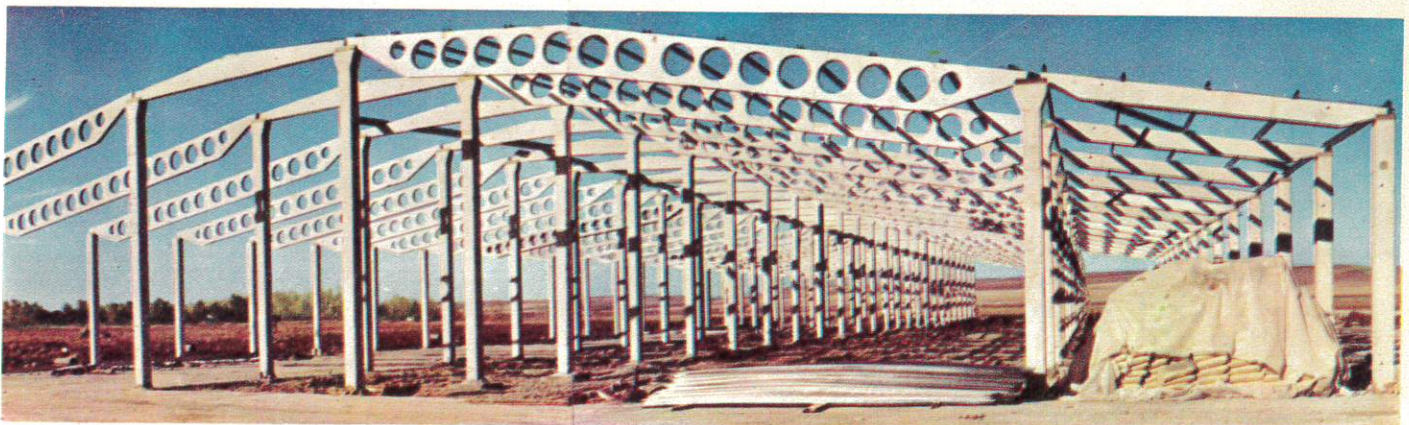


VEZİROĞLU '77



Earthmoving :	US. \$	11.593.000.—
Bridges :	US. \$	4.859.000.—
Highways :	US. \$	33.999.000.—
Railroads :	US. \$	590.000.—
Airfields :	US. \$	24.944.000.—
Buildings and Hausings :	US. \$	37.732.000.—
Pipe-Lines and Tankfarms :	US. \$	9.236.000.—
Waterworks :	US. \$	3.106.000.—
Prefabricated Buildings :	US. \$	23.626.000.—
1948 - 1977 Total :	US. \$	149.685.000.—

1977 Prices
 $149.685.000 \times 3.30 = \text{US. \$ } 493.960.500.—$

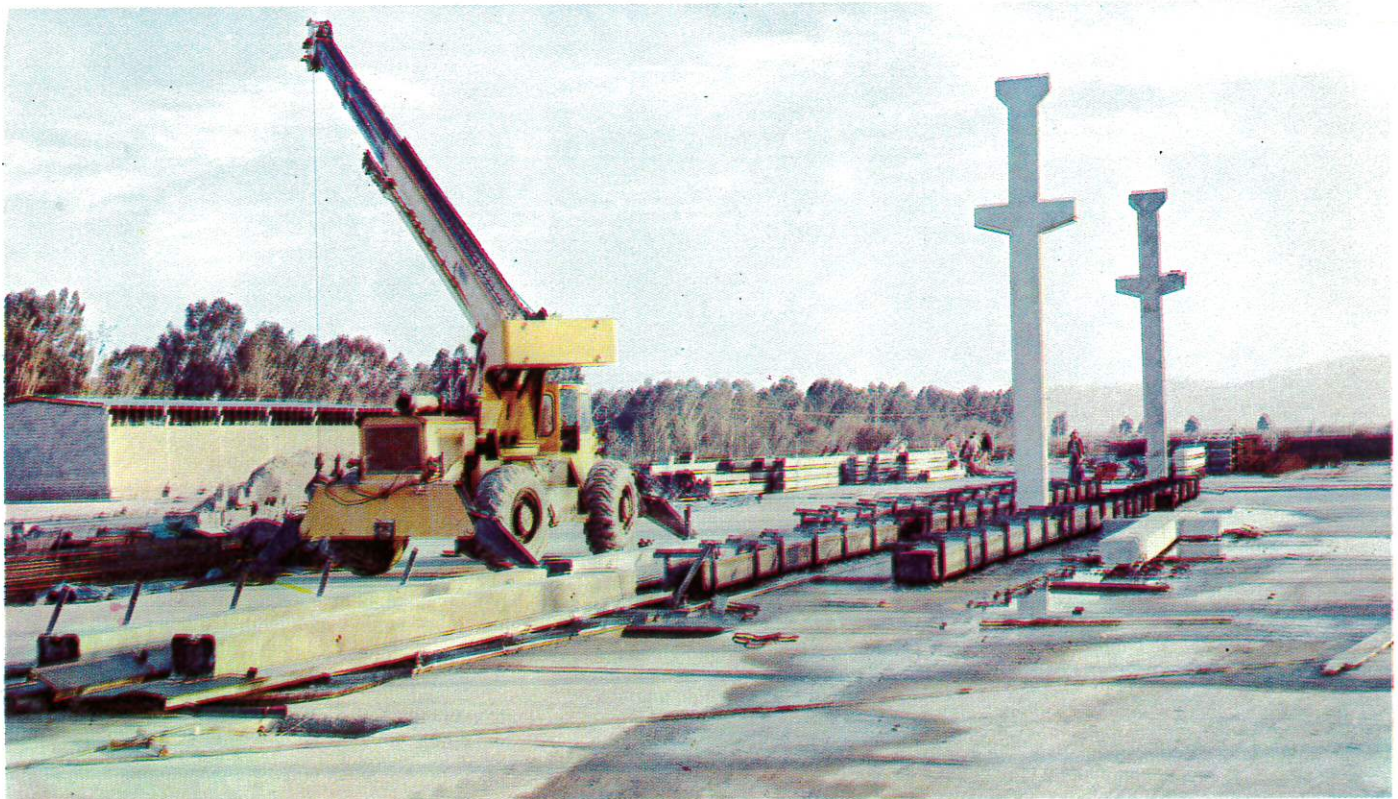




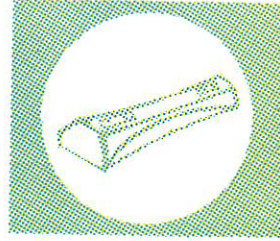
VEZİROĞLU CONCRETE FACTORY

As the demand within ourselves and the external market grew for stable, quality construction elements that we could rely on in aspects of marketing and construction, the need to build our own VEZİROĞLU CONCRETE FACTORY was unavoidable. In terms of stable supply and prevention of possible shortages which could come about in the market, we could not go wrong... This is what we did and from 1973 onwards when the factory was built, we have come a long way in the production line... Prefabricated concrete construction elements for us and the others. Prefabricated concrete sleepers. A production line at work with an ever increasing capacity and a fully computerized concrete power-house. 150.000 sleepers per year and concrete fencing poles to cover an area of 180 km. at the value of \$ 800.000.— Starting with the Middle East, we plan to expand and raise

our capacity to supply for the international market as well... Also planned are the production of prefabricated construction elements for housing and the new concrete poles factory to be built soon in the area.



PRESTRESSED CONCRETE SLEEPERS



Type B-58 prestressed railway sleepers have been used by the German Federal Railways in important lines and have stood the test of laboratory and of practical operation with outstanding success. Type B-58 is a further development of the well-proven types B-53 and B-55 concrete sleepers and safely provides a speed of 160 Km/hr under a wheel pressure of 15 tons.

The Thosti - BBRV Prestressed Concrete sleeper has a prestressing reinforcement consisting of 8 cold-drawn patentend hing tensile wires of 6.9 mm diameter (St 140-160). Since the reinforcement is initially tensioned against the mould and the prestressing is only transferred to the sleeper

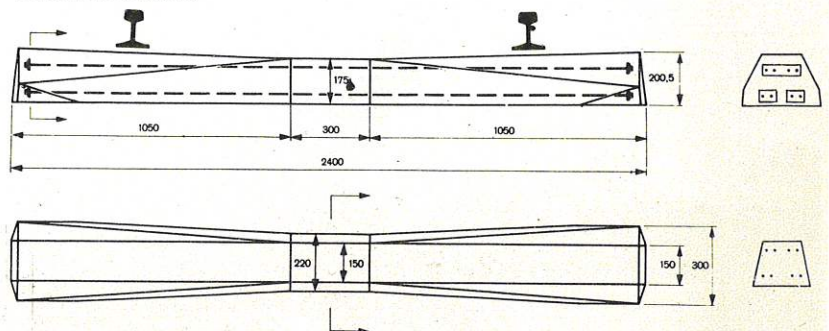
after the concrete has hardened sufficiently, there is an immediate bond between concrete and prestressing wire. Due to the end anchorage the sleeper is uniformly stressed along its whole length. To obtain a quicker circulation, moulds are placed in a steam chamber to accelerate the setting and hardening process. In this production the special sleeper cement PZ 375 (DIN 1164) is used.

Cube crushing strength is 600 kg/cm² after 28 days and flexural tensile strenght is 65 kg/cm² after 7 days.

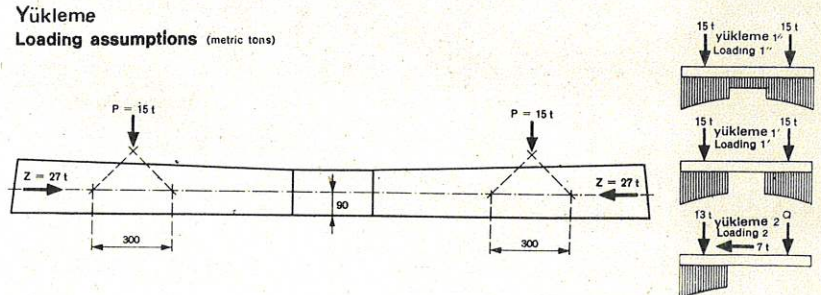
Annual capacity: 150.000 prestressed concrete sleepers.



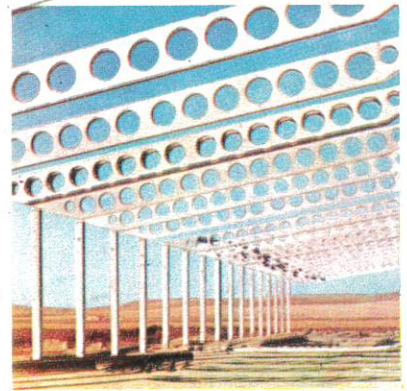
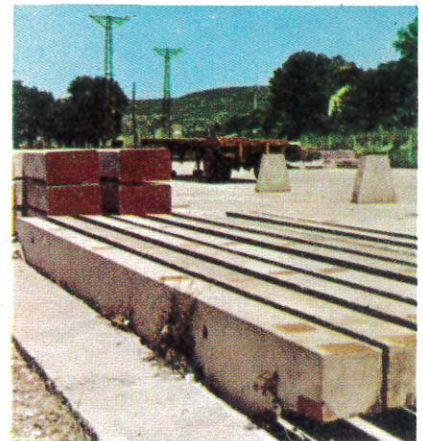
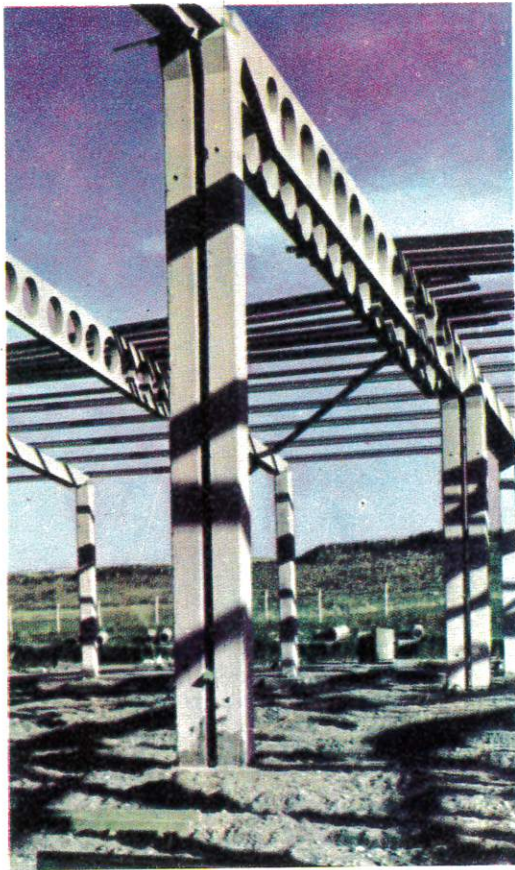
Ölçüler
Dimensions (in milimetres)



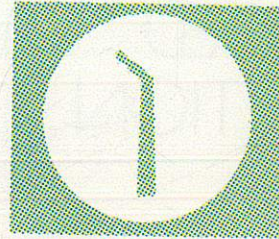
Yükleme
Loading assumptions (metric tons)



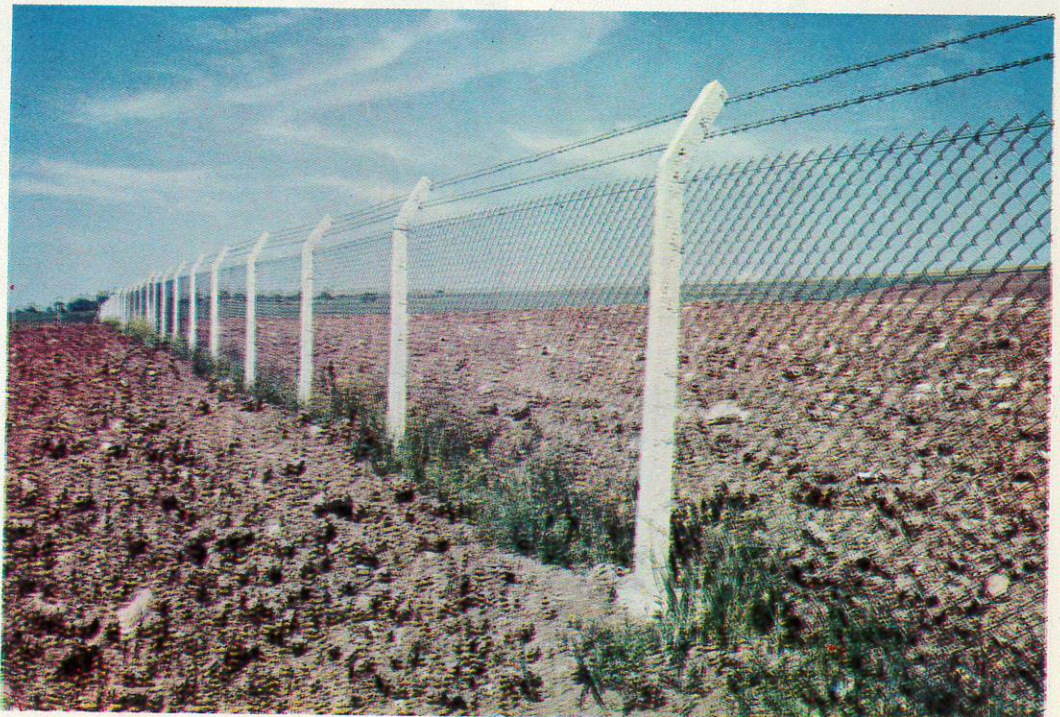
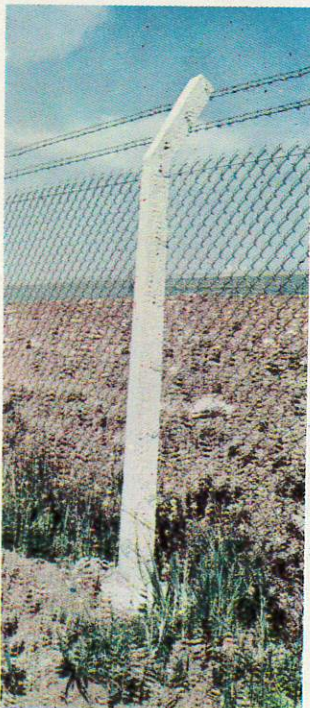
PREFABRICATED CONSTRUCTION ELEMENTS



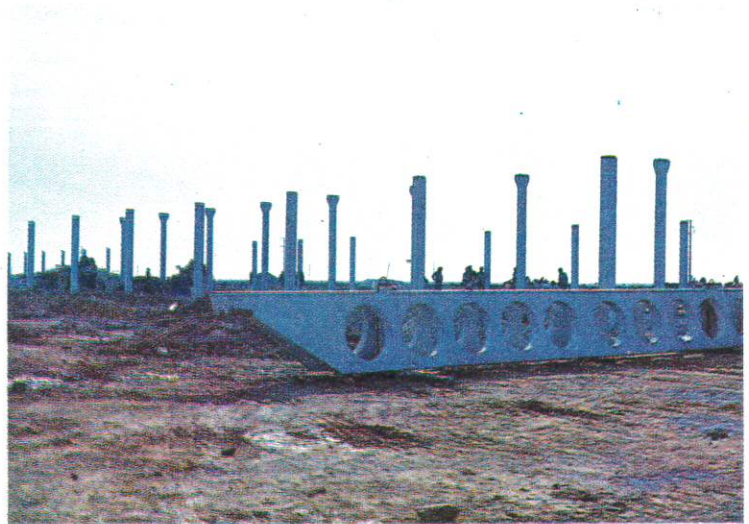
SECURITY FENCING



PROJECT AND LOCATION	CONTRACTING AGENCY	AMOUNT OF CONTRACT	MAIN WORK ITEMS
Various Factories, Schools, Farms, Airfields etc. in different parts of Turkey	Owners of the establishments	US \$ 800 000 per year	Annual Capacity: 60 000 prefabricated concrete fencing poles to make 180 Kms of security fencing
Some of the fencing projects:			
Nuclear Energy Center Halkalı, İstanbul	Atomic Energy Commission	US \$ 62 000.—	Length 8 100 m
Railway Warehouses Fencing Halkalı, İstanbul	State Railways Administration	US \$ 28 000.—	Length 3 120 m
Customs Warehouses Fencing Kapıkule, Edirne	Ministry of Customs	US \$ 11,300.—	Length 980 m
Aygaz Factory Fencing Erenköy, İstanbul	Koç Holding	US \$ 14 000.—	Length 1 400 m
Arçelik Factory Fencing Gebze, İzmit	Koç Holding	US \$ 32 300.—	Length 2 600 m
Cold Storage Depot Fencing Erzurum	Ernak A.Ş.	US \$ 16 000.—	Length 1 250 m
Kilyos Vacation Village Fencing Kilyos, İstanbul	Department of Tourism	US \$ 21 000.—	Length 2 400 m
Iron and Steel Works Fencing Ereğli, Zonguldak	Erdemir A.Ş.	US \$ 101 000.—	Length 9 870 m
Airfield Fencing Trabzon	Ministry of Public Works	US \$ 210 000.—	Length 8 100 m
Çamaltı Salt Pads İzmir	Department of Monopolies İstanbul	US \$ 90 000.—	Length 2 100 m



PREFABRICATED WAREHOUSES



BUILDING DESIGNS

PROJECT AND LOCATION	CONTRACTING AGENCY	ESTIMATED COST	DESCRIPTION OF WORK
Township of 468 Apartments Altınşehir, Halkalı, İstanbul	Condominium Cooperative	US \$ 7 020 000.—	30 each of and 8 story apartment building
Brick and Tile Factory Diyarbakır	Diyarbakır Yatırım A.Ş.	US \$ 320 000.—	Building Area 5 800 m ² Open Storage Area 5 200 m ²
Sports Palaces Samsun, Malatya, Trabzon, Sakarya, Kocaeli, Antalya, Çorum	Ministry of Sports	US \$ 3 150 000.—	Seven each of 32 m × 66 m sports arenas to hold 2000 spectators
Prefabricated two story Social Buildings	Social Buildings Organization	US \$ 18 500.— each	Each apartment's area 56 m ² to 112 m ²
Prefabricated three-story office Altınşehir, Halkalı, İstanbul	Veziroğlu Cons. Co.	US \$ 285 000.—	Building area 1875 m ²
Prefabricated Hotel Üsküdar, İstanbul	Hotel Üsküdar A.Ş.	US \$ 32 000 000.—	36 story 526 rooms meeting saloon for 1 500 persons.

