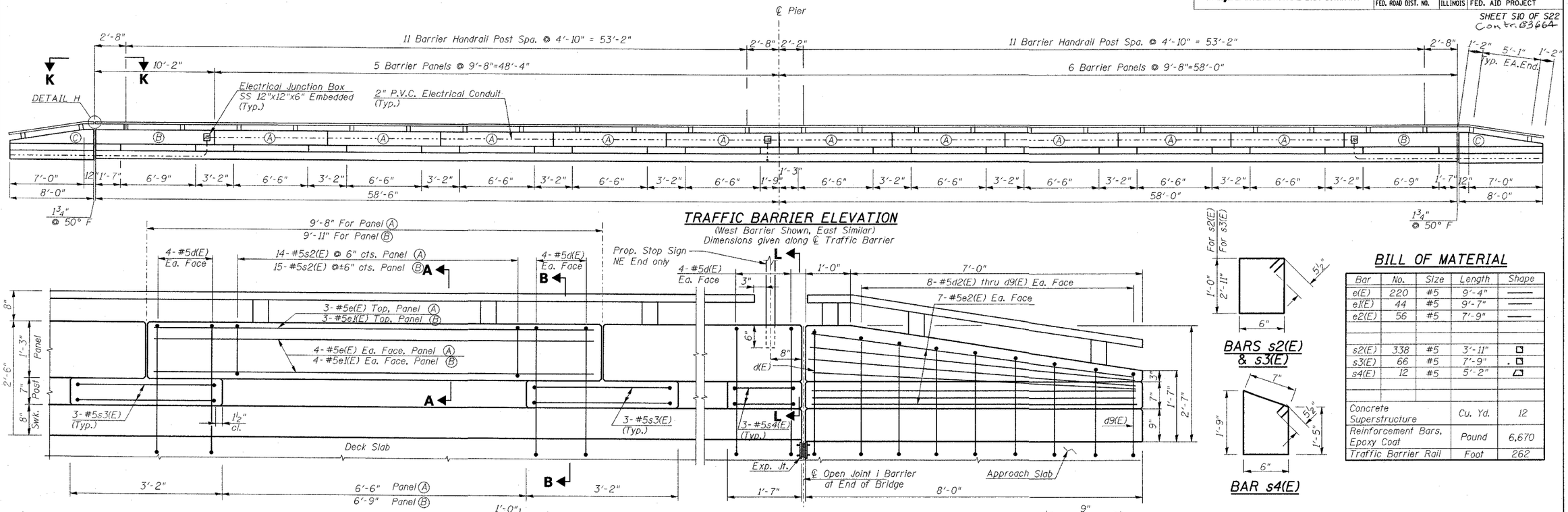
CONTRACT NO. 83664

EARTH TECH
A tyco INTERNATIONAL LTD. COMPANY

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	96-00099-00-BR	DUPAGE	62	41
STA. 13+25.00		TO STA. 16+55.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SHEET S10 OF S22
Cont. 83664A



TRAFFIC BARRIER ELEVATION

(West Barrier Shown, East Similar)
Dimensions given along ℄ Traffic Barrier

BARRIER TYP. PANEL

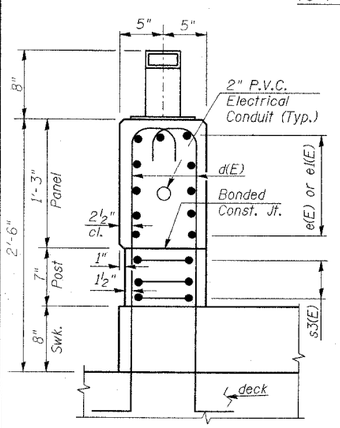
BARRIER END SECTION

BARS s2(E) & s3(E)

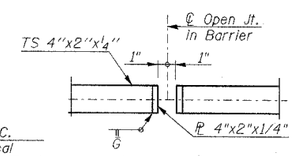
BAR s4(E)

BILL OF MATERIAL

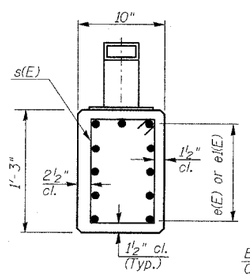
Bar	No.	Size	Length	Shape
e(E)	220	#5	9'-4"	
e1(E)	44	#5	9'-7"	
e2(E)	56	#5	7'-9"	
s2(E)	338	#5	3'-11"	
s3(E)	66	#5	7'-9"	
s4(E)	12	#5	5'-2"	
Concrete Superstructure			Cu. Yd.	12
Reinforcement Bars, Epoxy Coat			Pound	6,670
Traffic Barrier Rail			Foot	262



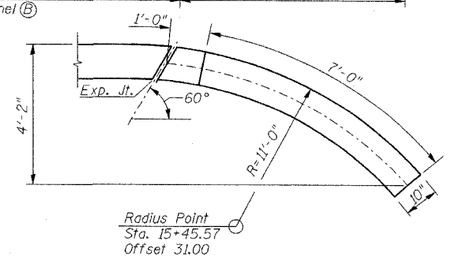
SECTION B-B



DETAIL H

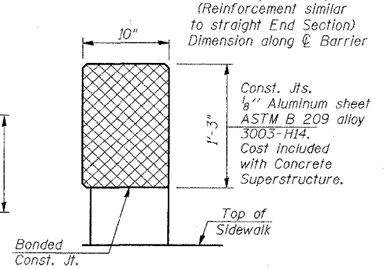


SECTION A-A

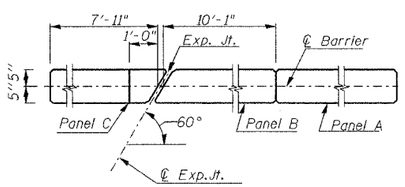


NORTH EAST END SECTION

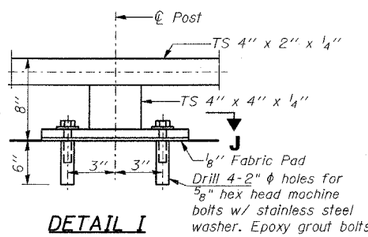
Showing Geometry
(Reinforcement similar to straight End Section)
Dimension along ℄ Barrier



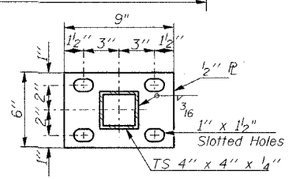
BARRIER JOINT DETAILS



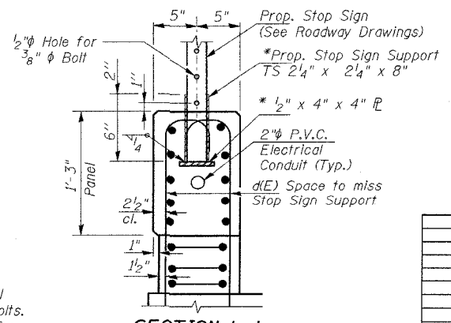
SECTION K-K



DETAIL I



BASE ℙ
SECTION J-J



SECTION L-L

* Galvanized after shop fabrication according to AASHTO M111 and ASTM A 385.

NOTES:

1. Bars indicated thus 3x2-#5...etc. indicates 3 lines of bars with 2 lengths per line.
2. Reinforcement bars designated (E) shall be epoxy coated.
3. Hollow structural sections shall conform to the requirements of ASTM designation A 500, Grade B, structural steel tubing.
4. All other steel shapes and plates shall conform to the requirements of AASHTO M 270 Grade 36.
5. All post, railing, splices, anchor devices and bent plates shall be painted using the Inorganic zinc-rich primer / Acrilic/Acrilic paint system. The color of the final finish coat shall be Black.
6. Bar d(E) is billed with the Superstructure on Sheet S9. Bars d1(E) thru d8(E) are billed with the approach pavements on Sheet S18.
7. For Electrical Detail See Sheet 22.
8. All materials and work associated with proposed stop sign support shall be included in the cost of "Concrete Superstructure".

REVISIONS	
NAME	DATE

CITY OF NAPERVILLE

TRAFFIC BARRIER DETAILS

MAIN STREET BRIDGE OVER
WEST BRANCH DUPAGE RIVER
STRUCTURE NO. 022-6755 - STA. 15+00.00

SCALE:
DRAWN BY JHR
DATE JULY 9, 2004
CHECKED BY SCD

DATE =Tue Jul 13 09:13:31 2004
DGN =L:\work\65154\cadd\drawings\Bridge\Barrier.dgn