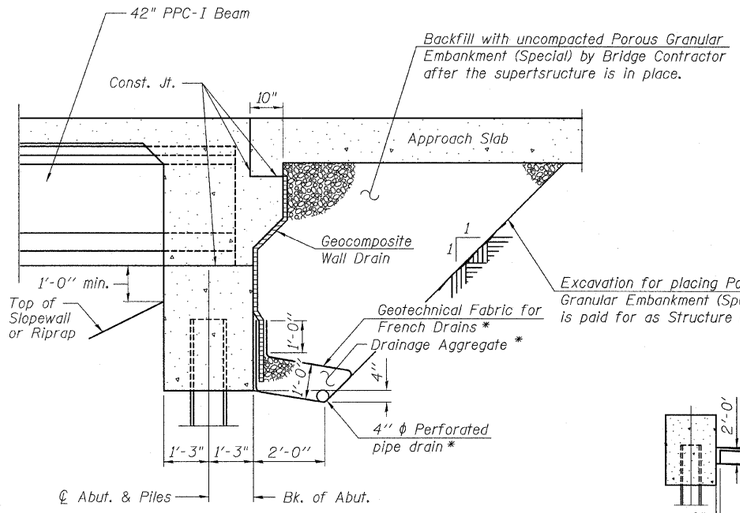
GENERAL NOTES

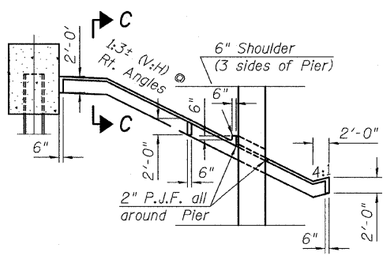
1. Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.
2. Reinforcement bars designated (E) shall be epoxy coated.
3. The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.
4. Layout of slope protection system may be varied in the field to suit ground conditions as directed by the Engineer.
5. The Contractor shall drive test piles to 110% of the nominal required bearing specified in production locations at substructures specified or approved by the Engineer before ordering the remainder of piles.
6. Concrete Sealer shall be applied to the exposed area of the traffic face side of Pier 1.
7. Slope wall shall be reinforced with welded wire fabric, 6in. x 6in. W4.0 x W4.0, weighing 58lbs. per 100 sq. ft.



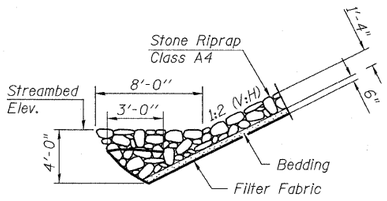
SECTION THRU ABUTMENT

*Included in the cost of Pipe Underdrains for Structures.

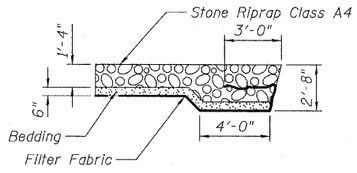
All drainage system components shall extend 2'-0" from the end of each wingwall except an outlet pipe shall extend until intersecting with the side slopes. The pipes shall drain into concrete headwalls. (See Article 601.05 of the Standard Specifications and Highway Standard 601101)



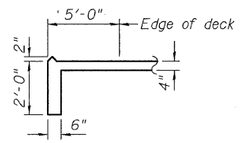
SECTION THRU SLOPEWALL



SECTION B-B



SECTION A-A



SECTION C-C

DESIGNED -	SP
CHECKED -	PDF
DRAWN -	SP
CHECKED -	PDF

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS

TOTAL BILL OF MATERIAL

		SN 006-0170 (EB)		SN 006-0171 (WB)		
ITEM	UNIT	SUPER	SUB	SUPER	SUB	TOTAL
Porous Granular Embankment (Special)	Cu Yd		168		168	336
Removal of Existing Structures	Each					2
Protective Shield	Sq Yd		177		177	354
Structure Excavation	Cu Yd		473.7		500.7	974.4
Floor Drains	Each	30		38		68
Concrete Structures	Cu Yd		423.0		410.6	833.6
Concrete Superstructure	Cu Yd	612.5		672.5		1285.0
Bridge Deck Grooving	Sq Yd	1563		1761		3324
Concrete Encasement	Cu Yd		8.2		8.2	16.4
Protective Coat	Sq Yd	2031		2168		4199
Furnishing and Erecting Precast Prestressed Concrete I-Beams, 42 in.	Foot	2135.9		2463.4		4599.3
Reinforcement Bars, Epoxy Coated	Pound	121,890	42,230	135,430	41,250	340,800
Bar Splicers	Each	88		88		176
Slope Wall 4 inch	Sq Yd		465		455	920
Furnishing Steel Pile, HP 14x73	Foot		3206		3601	6807
Driving Piles	Foot		3206		3601	6807
Test Pile Steel, HP 14x73	Each		6		6	12
Temporary Sheet Piling	Sq Ft		321		202	523
Name Plates	Each	1		1		2
Elastomeric Bearing Assembly, Type I	Each	28		28		56
Elastomeric Bearing Assembly, Type II	Each	14		14		28
Anchor Bolts, 1¼"	Each	84		84		168
Concrete Sealer	Sq Ft		410		410	820
Geocomposite Wall Drain	Sq Yd		88		88	176
Pipe Underdrain for Structures 4"	Foot		135		135	270
Stone Riprap, Class A4	Sq Yd		661		610	1271
Hot-Mix Asphalt Surface Removal (Asbestos)	Sq Yd	980		1136		2116
Filter Fabric	Sq Yd		661		610	1271

DESIGN SCOUR ELEVATION TABLE

Design Scour Elevation (ft.)	W. Abuts.	Pier 1	Pier 2	Pier 3	Pier 4	E. Abuts.
	N - 667.14	651.00	645.00	645.00	645.70	N - 666.67
	S - 668.93	651.00	645.00	645.00	645.00	S - 668.00

WATERWAY INFORMATION

Drainage Area = 37.7 Sq. Mi. Low Grade Elev. 674.76 Ft. @ Sta. 3466+00.00

Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft. Exist.	Opening Sq. Ft. Prop.	Nat. H.W.E.	Head - Ft. Exist.	Head - Ft. Prop.	Headwater El. Exist.	Headwater El. Prop.
Design	50	4781	902	1104	657.1	0.8	0.5	658.0	657.6
Base	100	5579	991	1219	657.6	1.1	0.8	658.7	658.4
Overtopping	-	-	-	-	-	-	-	-	-
Max. Calc.	500	7525	1184	1468	658.6	1.8	1.6	660.5	660.2

STATION 3463+35.26
BUILT 201_ BY
STATE OF ILLINOIS
F.A.I. RT. 80 SEC. 06-7BR
LOADING HS20 & ALT.
STR. NO. 006-0171

STATION 3463+35.26
BUILT 201_ BY
STATE OF ILLINOIS
F.A.I. RT. 80 SEC. 06-7BR
LOADING HS20 & ALT.
STR. NO. 006-0170

NAME PLATE WESTBOUND
See Std. 515001

NAME PLATE EASTBOUND
See Std. 515001

GENERAL NOTES, INDEX & BILL OF MATERIAL
STRUCTURE NO. 006-0170 EB
STRUCTURE NO. 006-0171 WB

TYLIN INTERNATIONAL

SHEET NO. 2	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59 SHEETS	80	*	BUREAU	344	96
			CONTRACT NO. 66908		
	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

*06-07BR & BR-1,7VB-M, 6BR & 6, 7 RS-1 & 11