INDEX OF SHEETS







-Const. Jt.



In lieu of the hammer selection criteria and use of the FHWA Modified Gates formula specified in Section 512 of the Standard Specifications, the Contractor shall conduct a wave equation analysis to establish the driving criteria at all pile foundations which specify a nominal required bearing above 600 kips. The analysis and calculations shall be submitted to the Engineer for approval.





SECTION THRU INTEGRAL ABUTMENT (Horiz. dim. @ Rt. L's) *Included in the cost of "Porous Granular Embankment (Special)".

2'-0'

Bk. of Abut.

48" P.P.C. I-Bm.

Const. Jt

All drainage system components shall extend to 2'-O'' 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).

1. General Plan

3.

CHECKED

RTE.	SECTION		COUNTY	SHEETS	NO.					
310	60-16-1,	42-1	JERSEY	481	186					
STA. TO STA.										
FED. RO	AD DIST. NO.	ILLINOI	S FED. AID	PROJECT						

Sheet 2 of 35 Sheets CONTRACT NO. 76318

Antes Creates

GENERAL NOTES

Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. Layout of slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.

The contractor shall drive test piles to 110% of the nominal required boring specified in production locations at substructures specified or approved by the Engineer before ordering the remainder of piles.

The embankment configuration shown on Sheet No. 1 shall be the minimum that must be placed and compacted prior to construction of the abutments.

The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.

All construction joints shall be bonded.

Reinforcement bars designated (E) shall be epoxy coated.

See roadway plans for staging, temporary concrete barrier location and billing.

Slipforming of the parapets is not allowed.

						-
TT (* 14	UNIT	SN 042	-0026	SN 042-0027		TOTAL
ITEM	UNIT	SUPER	SUB	SUPER	SUB	TUTAL
Embankment (Special)	Cu. Yd.		194		236	430
	Sq. Yd.	1190		1440		2630
ting Structures No. 2	Each					1
ation	Cu. Yd.		427		517	944
oving	Sq. Yd.	960		1210		2170
Frecting PPC I-Beams 48"	Foot	1340		1787		3127
Piles HP 14x89	Foot		595		900	1495
Piles HP 12x53	Foot		375		554	929
	Foot		970		1454	2424
HP 14x89	Each		2			2
HP 12x53	Each		2		1	
ars, Epoxy Coated	Pound	75,040	17,430	84,990	21,780	199,240
	Each	1		1		12 12
nrs, DS-12	Each	6		6		
	Each	22		22		44
	Each		28		34	62
ires	Cu. Yd.		226.5		278.5	505.0
tructure	Cu. Yd.	363.1		435.9		799.0
	Each	80		100		180
lass A5	Sq. Yd.		1957		1957	3914
	Sq. Yd.		1957		1957	3914
cture Excavation	Each		1		1	2
tion 1			-			
cture Excavation	Each		1		1	2
tion 2						1 100 1
ıll Drain	Sq. Yd.		. 88.2		104.2	192.4
ement	Cu. Yd.		13.0	1	15.8	28,8

TOTAL BILL OF MATERIAL

GENERAL NOTES FAP-310 OVER PIASA CREEK SECTION 60-16-1. 42-1 JERSEY COUNTY STATION 318+48.66 STRUCTURE NO. 042-0026 (S.B.) 042-0027 (N.B.) HURST - ROSCH ENGINEERS, INC. HR 601 NORTH BRUNS LANE SPRINGFIELD, IL 62702 (217)-787-1199 FAX (217)-793-1199