Backfill with uncompacted porous granular embankment meeting the requirements of the Special Provision for "Porous Granular Embankment, Special provided elsewhere in the plans, Limits shall be as shown on plan details. Roadway Geotechnical fabric for ground stabilization. 3/16"/Ft Slope 3/16"/Ft Slope Cost shall be included -----with the cost of Porous Granular Embankment (Special). -Bottom of \* \* Pipe Drain 8" Excavation ELEVATION NOTE: The 8" pipe drain at the @ Roadway shall be capped or sealed with approved materials as directed by the Engineer <u>STAGE II</u> STAGE I 9914'43'' -¢ Roadway 1'-2'' 1'-2" Stage Const Line Pipe Drain 8" Bk Abut. Approach Pavement 22'-6" 22'-6" Sub-Base Granular Material (Special) ------Porous Granular -Embankment, (Special) PLAN Uncompacted NORTHBOUND LANE-NORTH ABUTMENT SHOWN Cut hole thru existing wingwall :0 2" greater than the outside diameter of the pipe and extend **BILL OF MATERIALS** pipe approximately 1'-2" past the outside face of the wingwall. Item Unit Total NOTE: Seal pipe into wall with class SI concrete Cost included with Pipe Underdrain 45 PIPE DRAINS 8" FEET ~ ELEVATION Pipe Drain table is shown for "ONE" Abutment only LASALLE COUNTY SECTION: (50-8VB)I FAI 412 (I-39)

		CONTRACT	' NO. 6	6592
F.A.I. RTE.	SECTION	COUNTY	TOTAL	SHEET
412	(50-8VB)I	LASALLE	31	23



SECTION

\* \* A 8"Ø perforated pipe shall be situated at the bottom of an approximate 2'x2' area of porous granular embankment. The 2'x2' area shall be wrapped completely in geotechnical fabric for ground stabilization. Extend pipe parallel with the abutment until intersecting with the wing walls.

$\vdash$			DATE	06/01/2005	DRAWN BY	RLW	
E				STA. 75	B + 10		
F				LASALLE	COUNTY		
⊢				F.A.I. 412 OVER BNSF RAILROAD SECTION (50–8VB)I			
F				EAL #12 01/50 0	NICE DANDOAD		
F				PIPE DRAIN	DETAILS		
F	NAME	DATE	1	CINUIS DEFARIMENT	OF TRANSFORTATION		
	REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION				