

# DRAINAGE STRUCTURE IMPROVEMENT DETAIL

## LOCATION #19 STA. 1021 + 00



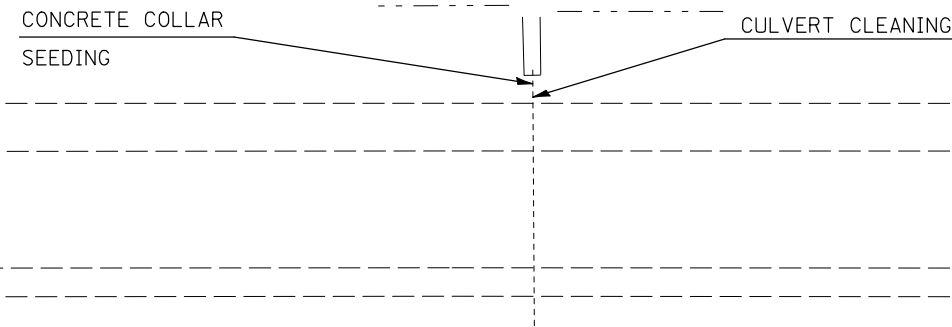
LOC. #19 STA. 1021+00 Lt.

ITEM # AND DESCRIPTION	UNIT	QUANTITY
25000210 Seeding, Class 2A	ACRE	0.005
25000400 Nitrogen Fert. Nutr.	POUND	0.45
25000500 Phosphorous Fert. Nutr.	POUND	0.45
25000600 Potassium Fert. Nutr.	POUND	0.45
25100115 Mulch Method 2	ACRE	0.005
28000250 Temp. Eros. Contr. Seeding	POUND	0.5
54248510 Concrete Collar	CU YD	0.45
Z0014800 Culvert To Be Cleaned	FOOT	8

**NOTE:**

THE EXISTING STRUCTURE AT STATION 1021+00 LT. CONSISTS OF A 24" R.C.C.P. WITH A MEDIAN INLET AND A PRECAST DOWNSTREAM END SECTION. THE STRUCTURE IS IN GOOD CONDITION BUT HAS THE FOLLOWING DEFICIENCIES. THE DOWNSTREAM END SECTION HAS SEPARATED FROM THE PIPE AND IS CAUSING A SINKHOLE IN THE FORESLOPE.

THE PROPOSED SCOPE OF WORK IS TO EXCAVATE TO AND CONSTRUCT A CONCRETE COLLAR TO SEAL THE SEPARATED JOINT. THE COST OF EXCAVATION NECESSARY TO PERFORM THE REQUIRED WORK IS INCLUDED IN THE VARIOUS PAY ITEMS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. FINALLY, THE DOWNSTREAM END OF THE CULVERT SHALL BE CLEANED OF ALL SILTATION.



☉ F.A.I. 74

| 1019

| 1020+00

| 1021

| 1022

| 1023

| 1024

FILE NAME =	USER NAME = hoganbj	DESIGNED - BJM	REVISED -
ct:\pw\work\pwidot\hoganbj\d0158340\0570650-shr-sm_struct_det.dgn		DRAWN -	REVISED -
PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = 10/21/2010		DATE - 09/23/10	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE STRUCTURE IMPROVEMENT DETAIL  
LOCATION #19 STA. 1021 + 00**

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(57-20(1),21,22)RS-3	McLean	150	69
ILLINOIS FED. AID PROJECT			CONTRACT NO. 70550	