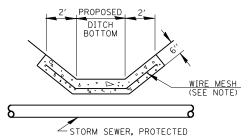


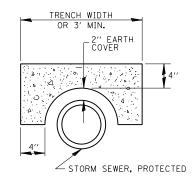
# PROP DI. MIN. STORM SEWER, PROTECTED

# **DETAIL A**

- \*IF A 4" COVER CAN NOT BE PROVIDED A PAVED DITCH SHALL BE CONSTRUCTED AS SHOWN IN DETAIL C.
- 1. WIDTH OF CONCRETE SLAB SHALL BE THE SAME AS THE TRENCH WIDTH IN ACCORDANCE WITH SECTION 550 OF THE STD. SPECIFICATIONS, OR 3' MIN.
- 2. CONCRETE FOR SLAB, HEADWALL AND PAVED DITCH SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR MISCELLANEOUS CONCRETE."
- 3. COST OF FURNISHING AND INSTALLING WIRE MESH SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR MISCELLANEOUS CONCRETE. WIRE MESH TO WEIGH NOT LESS THAN 58\* PER 100 SO. FT.



### DETAIL C NO SCALE



36" OR 24" I.D. NON-REINF. CONC. PIPE FULL BELL AND SPIGOT

INLET

CLASS SI CONCRETE OR PRECAST REINFORCED CONCRETE SLABS

NOT LESS THAN 12" WIDE

-SAND CUSHION

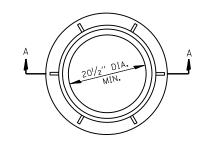
─ 1 NO. 4 BAR LIFT LOOP

OUTLET

### ALTERNATE MATERIALS FOR WALLS PRECAST REINFORCED CONCRETE RISERS CONCRETE MASONRY UNIT MONOLITHIC CONCRETE BUILDING BRICK, GRADE SW FROM CLAY OR SHALE 8" CONCRETE BUILDING BRICK, GRADE A

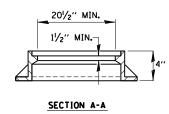
### NOTES

- 1. THE CONTRACT UNIT PRICE FOR FIELD TILE JUNCTION VAULT SHALL INCLUDE THE COST OF FURNISHING AND PLACING THE FRAME AND GRATE OR PRECAST CONCRETE LID AND WHEN REQUIRED, THE SAND CUSHION.
- 2. ALL FIELD TILE JUNCTION VAULTS SHALL BE 2'-0" IN DIAMETER UNLESS OTHERWISE NOTED ON THE PLANS.

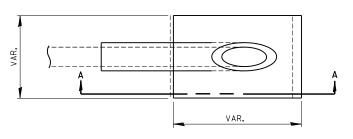


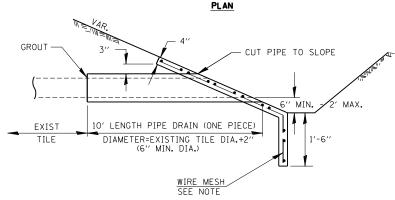


± 145#



## FIELD TILE REPLACEMENT



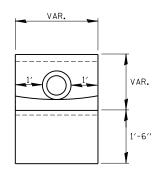


SECTION A-A

# **CLASS SI CONCRETE HEADWALLS**



- 1. ANY STORM SEWER SPECIAL OR BACKSLOPE DRAIN OUTLET INTO A DITCH SHALL HAVE A HEADWALL BUILT IN ACCORDANCE WITH THIS
- 2. COST OF FURNISHING AND INSTALLING WIRE
  MESH SHALL BE INCLUDED IN THE CONTRACT
  UNIT PRICE PER CUBIC YARD FOR
  MISCELLANEOUS CONCRETE. WIRE MESH TO WEIGH NOT LESS THAN 58# PER 100 SQ. FT.



END VIEW

# FIELD TILE JUNCTION VAULT

DIA. AS REQUIRED

TO FIT JUNCTION VAULT

611-1

FILE NAME =	USER NAME = _USERNAME_	DESIGNED -	REVISED -					F.A.P.	SECTION	COUNTY	TOTAL	SHEET
S:\1606\CADD Sheets\D1 Standards\Field-1	le.dgn	DRAWN -	REVISED -	STATE OF ILLINOIS	FIELD TILE DETAIL         XXII.         305         27R-3           SCALE:         SHEET NO. 250 OF 431 SHEETS         STA.         TO STA.           ILLIN			305	27R-3	MCHENRY	431	250
	PLOT SCALE = 100.0000 '/ IN.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION						CONTRACT NO. 62		
	PLOT DATE = 10/9/2013	DATE -	REVISED -					ILLINOIS FED.	S FED. AID PROJECT			