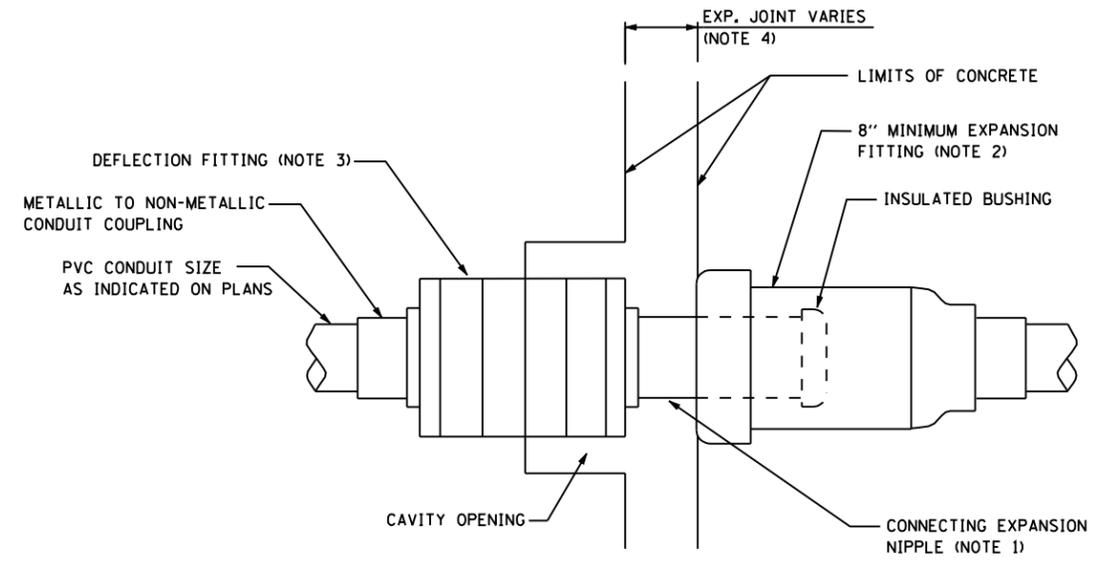


**UNDERGROUND TO EMBEDDED CONDUIT TRANSITION**  
NOT TO SCALE



**CONDUIT EXPANSION/DEFLECTING COUPLING**  
NOT TO SCALE

- NOTES:**
1. PROVIDE REQUIRED LENGTH OF CONNECTING EXPANSION NIPPLE. REFER TO STRUCTURAL DRAWINGS FOR THE EXPANSION JOINT CHARACTERISTICS.
  2. THE BARREL OF THE FITTING SHALL BE FULLY EMBEDDED IN THE CONCRETE ON ONE SIDE OF THE EXPANSION JOINT.
  3. A CAVITY OPENING, IF REQUIRED, SHALL BE 3" LARGER DIA. AND A MAX. DEPTH OF HALF OF THE DEFLECTION FITTING SHALL BE CENTERED IN THE OPENING AND EMBEDDED IN THE CONCRETE ONLY UP TO THE DEFLECTION FITTING CENTER.
  4. REFER TO STRUCTURAL PLANS FOR EACH EXPANSION JOINT WIDTH, AND OTHER STRUCTURAL DETAILS.

**EJM ENGINEERING, INC.**  
411 South Wells Street Suite 1000  
Chicago, Illinois 60607

FILE NAME :	USER NAME : rswanson	DESIGNED - JWJ	REVISED -
		DRAWN - BHH	REVISED -
	PLOT SCALE = 50.000' / IN.	CHECKED - MKR	REVISED -
	PLOT DATE = 3/29/2013	DATE - 3/29/13	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>STONY ISLAND EXTENSION ELECTRICAL DETAILS</b>			
SCALE: NONE	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	312
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60J12	