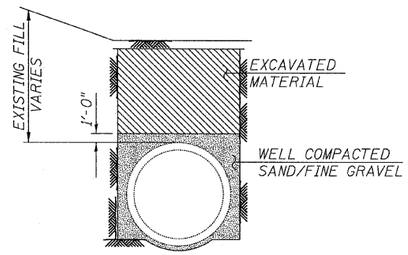
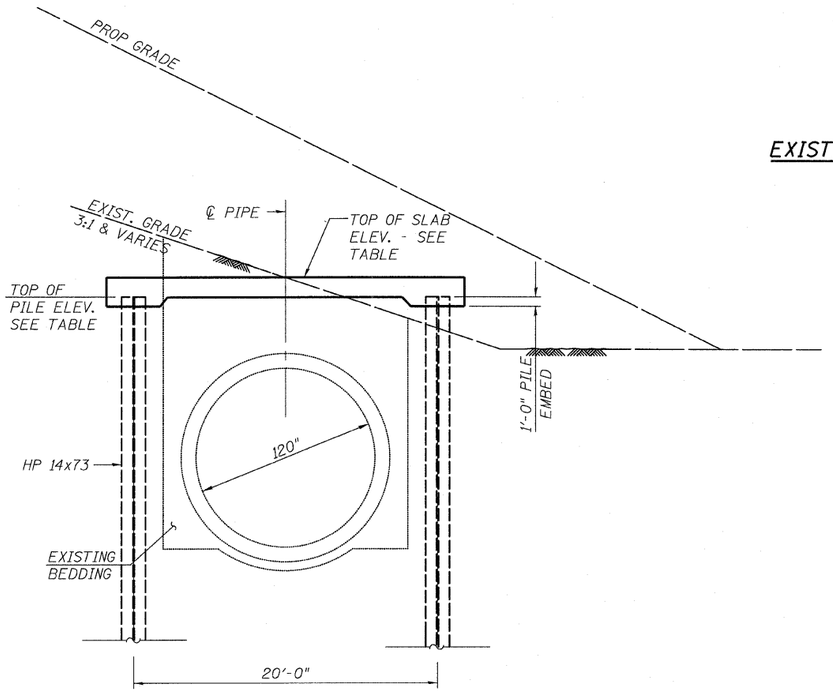
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



EXISTING BEDDING DETAIL



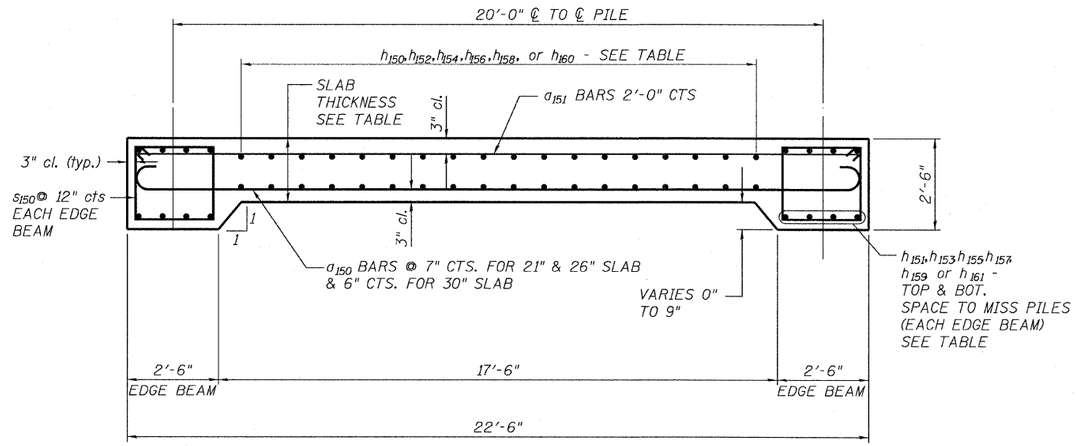
120" RCP CLASS III STORM SEWER LOAD TRANSFER SLAB PILE SUPPORTED

NOTES

1. MINIMUM REQUIRED COMPRESSIVE STRENGTH OF CONCRETE SHALL BE 3500 psi PRIOR TO BACKFILLING.
2. SLAB JOINTING:
   a. ½" PREFORMED JOINT FILLER SHALL BE INSTALLED AT ALL EXPANSION JOINT LOCATIONS.
   b. ANY OTHER TRANSVERSE CONSTRUCTION JOINTS PLACED AT THE CONTRACTORS OPTION SHALL BE KEYED AND BONDED
3. MIN LAP LENGTHS:
   #4 BARS = 2'-5"
   #7 BARS = 4'-10"
4. THE DISTANCE FROM THE SLAB EXPANSION JOINT TO ADJACENT PILE SHALL NOT EXCEED ½ THE PILE SPACING.
5. THE PILES SHALL BE DRIVEN THROUGH 20" DIAMETER PRECORED HOLES EXTENDING TO ELEVATION 593 ACCORDING TO ARTICLE 512.09(c) OF THE STANDARD SPECIFICATIONS. COST INCLUDED WITH DRIVING PILES.
6. THE LOCATION OF THE 120" STORM SEWER WAS TAKEN FROM EXISTING PLANS. THE CONTRACTOR SHALL VERIFY ITS LOCATION PRIOR TO DRIVING THE PILES. THE COST SHALL BE INCLUDED IN THE BID ITEM FOR DRIVING PILES.
7. REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A 706 GR. 60. SEE SPECIAL PROVISIONS.
8. DRIVE 1 TEST PILE ON EACH SIDE OF I-294.

DESIGN STRESSES

F'c = 3500 psi
Fy = 60,000 (REINFORCEMENT)



SECTION THRU SLAB

MAIN DRAIN LOAD TRANSFER SLAB DETAILS - I

TYLIN INTERNATIONAL

DESIGNED	SP	REVISIONS	
CHECKED	PDF	NAME	DATE
DRAWN	JMA		
CHECKED	SP,PDF		
DATE	03/18/10		04/29/10

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	1414.2B	COOK	516	179
		CONTRACT NO. 60J27		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

P:\602540(57-294)\Road\P1_157_BR\P1_GP_SHT08.dgn 4/28/2010 2:56:20 PM