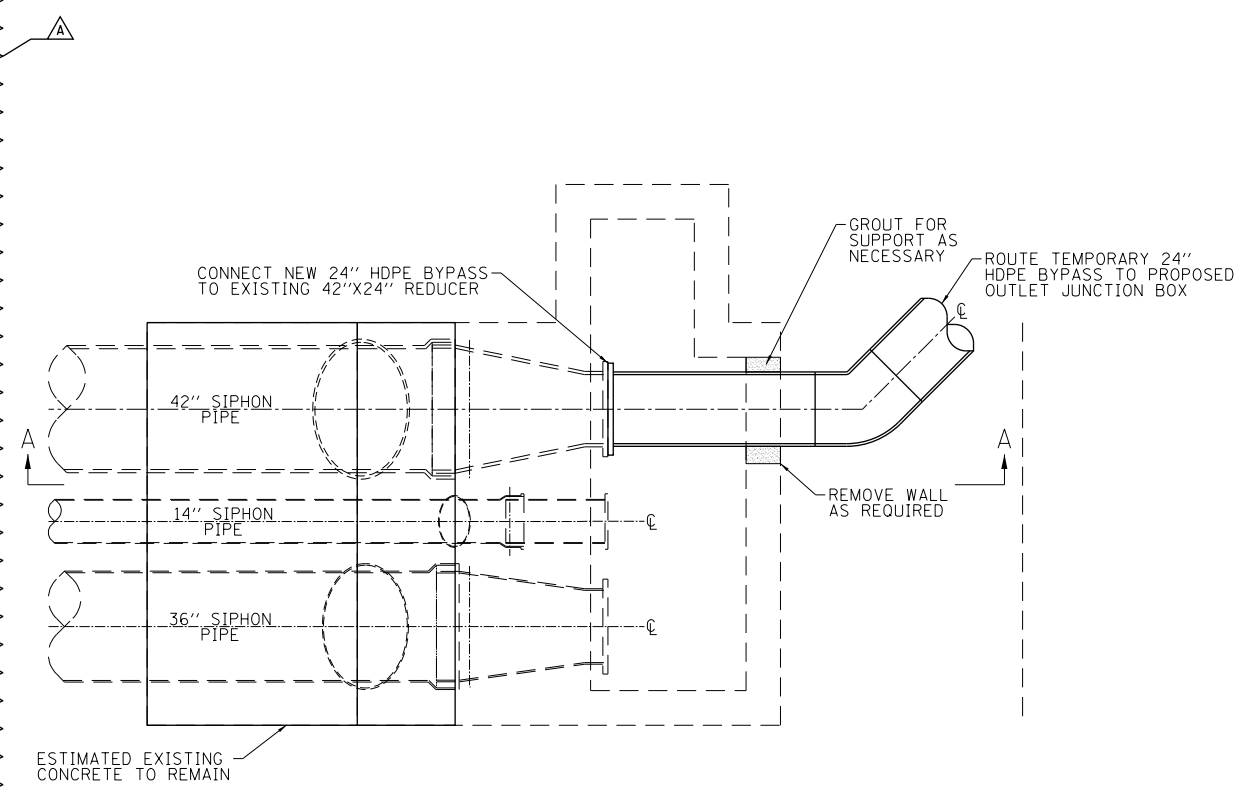
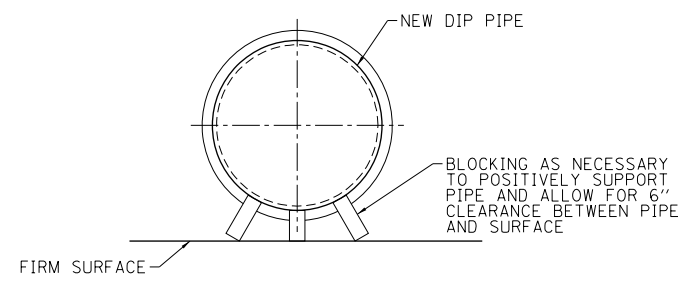


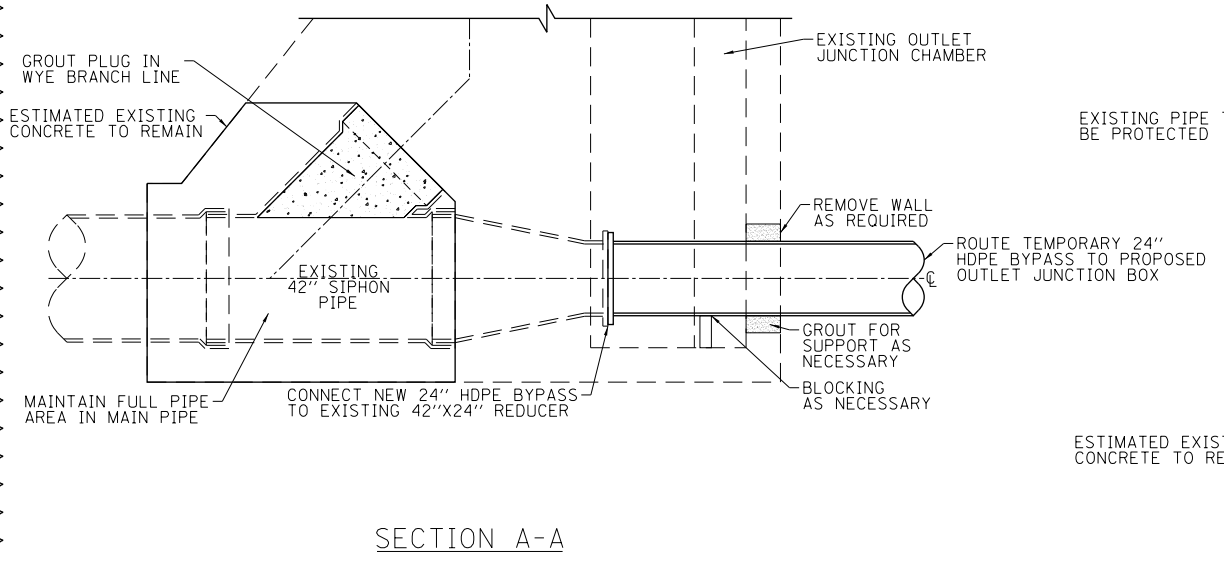
- NOTES:
- ALL DIMENSIONS, ELEVATIONS AND PIPE SIZES SHOWN HAVE BEEN TAKEN FROM RECORD DRAWINGS TITLED (INCLUDED IN THE PLANS);
WEST ROUTE SUPER HIGHWAY
PLANS FOR PEORIA STREET BRIDGE SECTION 2525.1B
F.A.ROUTE NO. 131 PROJECT UI261(29)
APPROVED JULY 1, 1949
 - CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS AND SIZES PRIOR TO CONSTRUCTION OR DEMOLITION AND REPORT DISCREPANCIES TO THE ENGINEER BEFORE PROCEEDING
 - CONDITION OF THE EXISTING 54" BRICK COMBINED SEWER PIPE IS EXPECTED TO BE GOOD AND THE EXTERIOR SURFACE SUITABLE FOR APPLICATION OF AN ADHESIVE WATER STOP SYSTEM.
 - DUCTILE IRON PIPES CONNECTING TO THE EXISTING CAST IRON PIPES SHALL BE CLOSELY MATED AND THE JOINT SEALED WITH RAN-NEK SEALANT OR EQUAL. THE JOINT SHALL BE SEALED FLUSH WITH AN EPOXY GROUT OR EQUAL.
 - PIPE SHALL BE FULLY SUPPORTED WITH A MINIMUM SPACE OF 6" FOR PIPE ENCASEMENT CONCRETE.
 - NEW DIP PIPES CONNECTING TO THE EXISTING SIPHON PIPES SHALL BE FULLY SUPPORTED SO THAT NO WEIGHT IS PLACED ON THE EXISTING PIPES.
 - ADHESIVE WATERSTOP SHALL BE APPLIED TO ALL FORMED SURFACES REQUIRED TO BE WATER TIGHT.
 - CENTER BULB WATER STOP SHALL BE CAST INTO ALL CAST JOINTS REQUIRED TO BE WATER TIGHT.
 - THREADED REINFORCEMENT CASTINGS SHALL BE LENTON OR APPROVED EQUAL. PLUGS SHALL BE USED ON ALL COUPLERS.
 - WALL PIPE ASSEMBLIES SHALL BE DUCTILE IRON WITH WATERSTOP RINGS.
 - THE SURFACE UNDER THE SIPHON PIPE ENCASEMENT SHALL BE EXAMINED FOR ANY SOFT OR YIELDING AREAS. ANY AREAS FOUND SHALL BE EXCAVATED AND RECOMPACTED TO PROVIDE SUITABLE SUPPORT FOR THE SIPHON PIPES.
 - THE NEW DUCTILE IRON SIPHON PIPE AND FITTINGS SHALL BE SECURELY SUPPORTED TO INSURE NO MOVEMENT OCCURS PRIOR TO OR DURING PLACEMENT OF THE SIPHON PIPE CONCRETE ENCASEMENT. THE SIPHON PIPE SHALL BE SUPPORTED SO THAT A MINIMUM OF SIX (6) INCHES OF CONCRETE ENCASEMENT CAN BE PLACED AROUND THE PIPE. MEASURES SHALL BE TAKEN TO INSURE FULL CONSOLIDATION OF THE CONCRETE ENCASEMENT MATERIAL OCCURS AROUND AND UNDER THE SIPHON PIPES.
 - THE NEW DUCTILE IRON SIPHON PIPE SHALL BE SECURELY SUPPORTED AT THE CONNECTION TO THE EXISTING SIPHON PIPES TO MINIMIZE ANY LOAD ON THE EXISTING PIPE.
 - DRILL AND EPOXY (a7) 12" INTO THE EXISTING CONCRETE STRUCTURE. EPOXY CONCRETE MATERIALS SHALL COMPLY WITH SECTION 1025 OF THE IDOT STANDARD SPECIFICATIONS.



PLAN

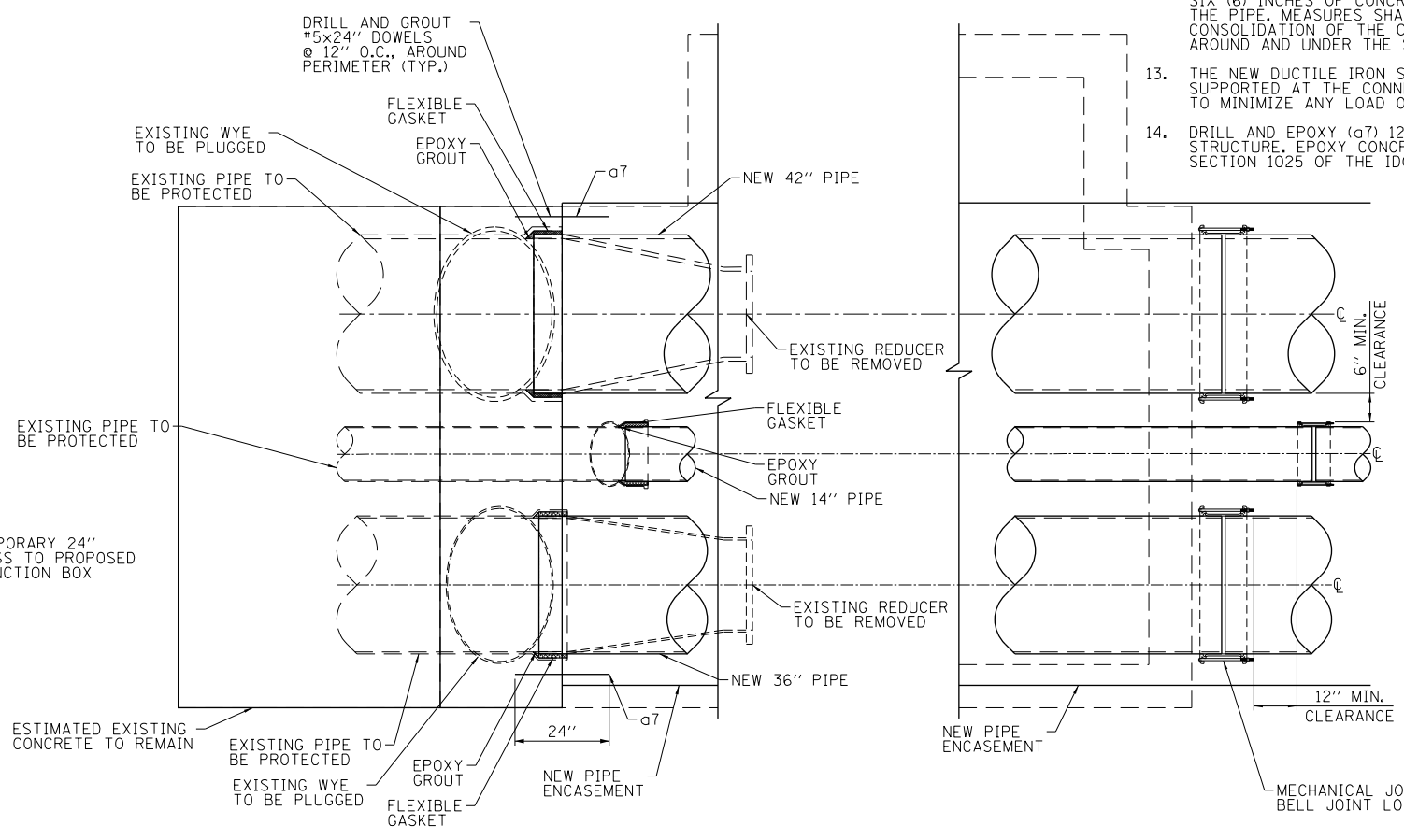


PIPE SUPPORT DETAIL
NOT TO SCALE

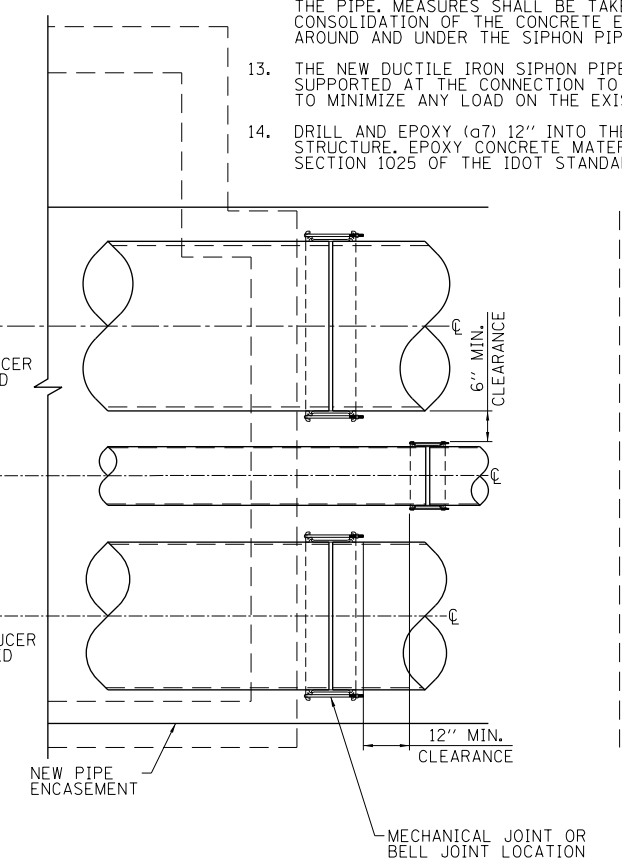


SECTION A-A

TEMPORARY BYPASS CONNECTION DETAIL
SCALE: 3/16"=1'-0"



PIPE CONNECTION DETAIL
SCALE: 1/4"=1'-0"



PIPE JOINT SPACING DETAIL
SCALE: 1/4"=1'-0"

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D160W29-sht-Siphon-04.dgn	DESIGNED - JEH	REVISED - 12/18/2013
USER NAME = BAW:tor t	DRAWN - CWD	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - JWC	REVISED -
PLOT DATE = 12/19/2013	DATE - 10/30/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIPHON DETAILS
PEORIA STREET

SCALE: NONE SHEET 5 OF 11 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-011R	COOK	356	74
CONTRACT NO. 60W29			ILLINOIS FED. AID PROJECT	