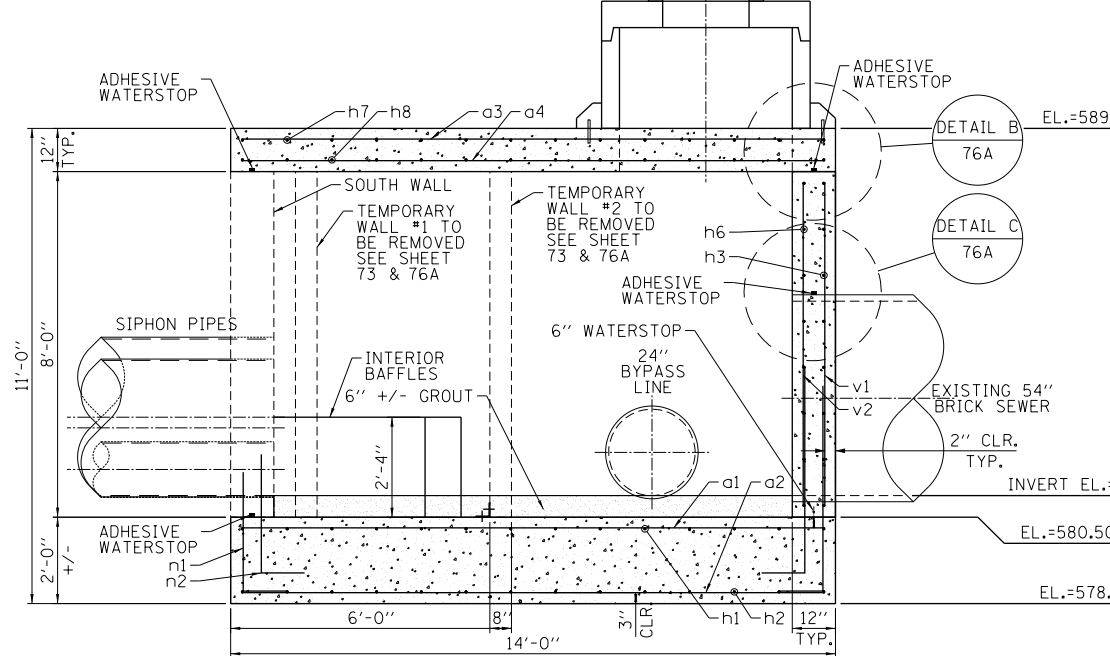
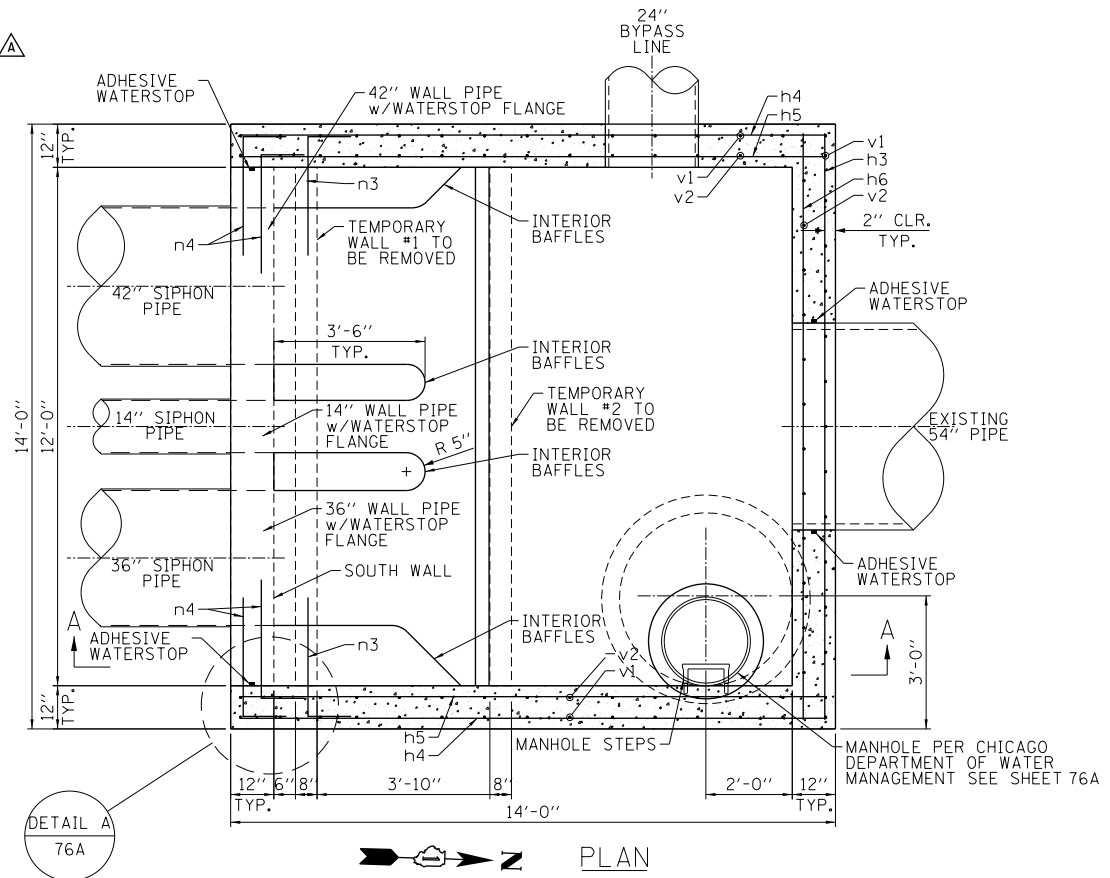
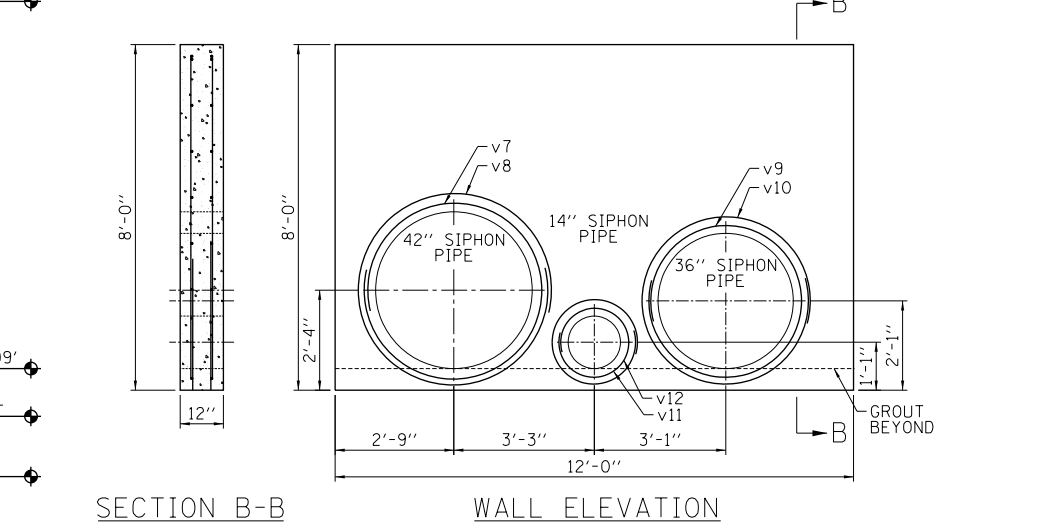


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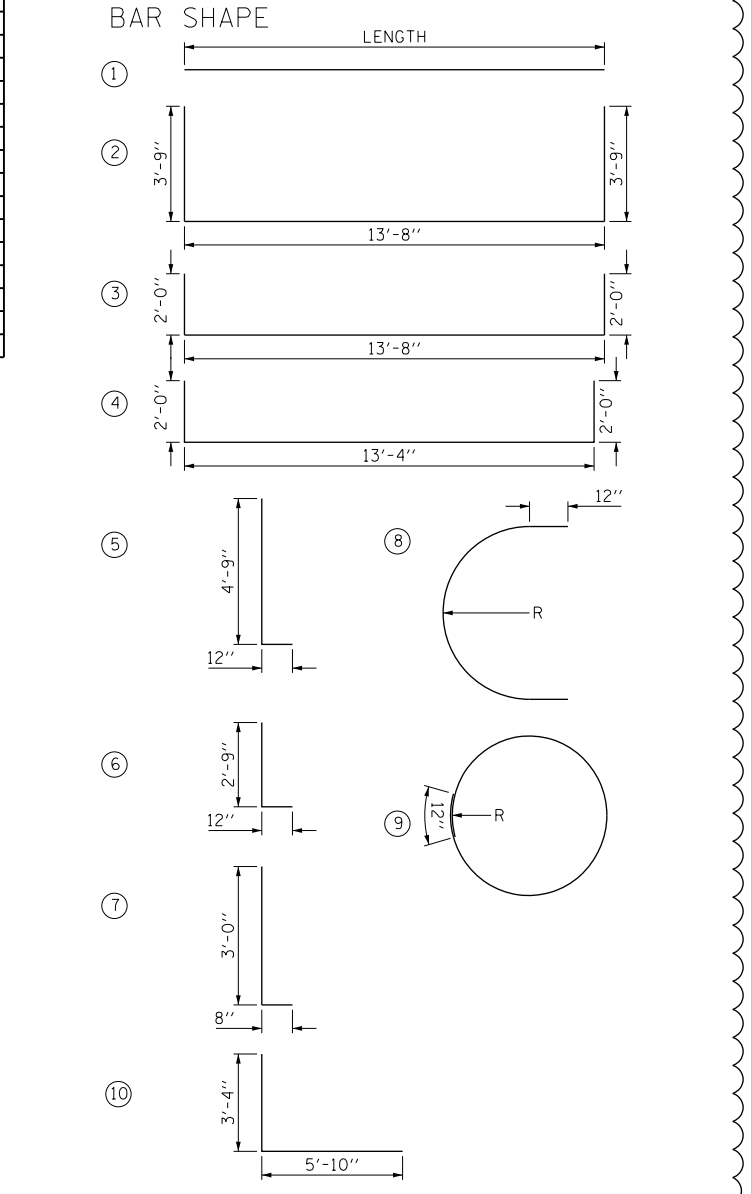


| BILL OF MATERIAL (FOR INFORMATION ONLY) | | | | | |
|---|-----|-------|---------|-------|-----------------------------|
| BAR MARK | NO. | SIZE | LENGTH | SHAPE | NOTES |
| a1 | 15 | #5 | 13'-8" | 1 | SLAB LONG TOP |
| a2 | 15 | #5 | 21'-2" | 2 | SLAB LONG BOTTOM |
| a3 | 15 | #5 | 13'-8" | 1 | LID LONG TOP |
| a4 | 45 | #5 | 13'-8" | 1 | LID LONG BOTTOM |
| h1 | 15 | #5 | 13'-8" | 1 | SLAB TRANS TOP |
| h2 | 15 | #5 | 21'-2" | 2 | SLAB TRANS BOTTOM |
| h3 | 9 | #5 | 17'-8" | 3 | N WALL HOR OUTSIDE |
| h4 | 18 | #5 | 13'-8" | 1 | E & W WALL HOR OUTSIDE |
| h5 | 18 | #5 | 15'-0" | 4 | E & W WALL HOR INSIDE |
| h6 | 9 | #5 | 15'-0" | 1 | N WALL HOR INSIDE |
| h7 | 15 | #5 | 13'-8" | 1 | LID TRANS TOP |
| h8 | 45 | #5 | 13'-8" | 1 | LID TRANS BOTTOM |
| h9 | 9 | #5 | 11'-8" | 1 | DIVIDER WALL #1 HOR |
| h10 | 9 | #5 | 11'-8" | 1 | DIVIDER WALL #2 HOR |
| h11 | 18 | #5 | 11'-8" | 1 | S WALL HOR INSIDE & OUTSIDE |
| n1 | 56 | #5 | 5'-9" | 5 | SLAB DOWELL OUTSIDE |
| n2 | 96 | #5 | 5'-9" | 5 | SLAB DOWELL INSIDE |
| n3 | 18 | #5 | 3'-8" | 6 | DIVIDER WALL #1 DOWELL |
| n4 | 36 | #5 | 3'-8" | 7 | S WALL DOWELL BARS |
| v1 | 56 | #5 | 7'-8" | 1 | WALL VERT OUTSIDE |
| v2 | 48 | #5 | 7'-8" | 1 | WALL VERT INSIDE |
| v3 | 13 | #5 | 7'-4" | 1 | DIVIDER WALL #1 VERT |
| v4 | 13 | #5 | 7'-4" | 1 | DIVIDER WALL #2 VERT |
| v5 | 4 | #5 | 10'-8" | 8 | 54" PIPE OPENING REINF. |
| v6 | 4 | #5 | 19'-4" | 8 | 54" PIPE OPENING REINF. |
| v7 | 2 | #5 | 13'-10" | 9 | 42" PIPE OPENING REINF. |
| v8 | 2 | #5 | 14'-11" | 9 | 42" PIPE OPENING REINF. |
| v9 | 2 | #5 | 12'-3" | 9 | 36" PIPE OPENING REINF. |
| v10 | 2 | #5 | 13'-4" | 9 | 36" PIPE OPENING REINF. |
| v11 | 2 | #5 | 6'-3" | 9 | 14" PIPE OPENING REINF. |
| v12 | 2 | #5 | 7'-3" | 9 | 14" PIPE OPENING REINF. |
| v13 | 2 | #5 | 8'-10" | 9 | 24" BYPASS OPENING REINF. |
| v14 | 2 | #5 | 9'-11" | 9 | 24" BYPASS OPENING REINF. |
| v15 | 2 | #5 | 15'-2" | 9 | 48" MANHOLE RISER REINF. |
| v16 | 2 | #5 | 16'-9" | 9 | 48" MANHOLE RISER REINF. |
| CONCRETE STRUCTURES | | CU YD | 41.9 | | |
| REINFORCEMENT BARS | | POUND | 6605 | | |

- COST OF CONCRETE STRUCTURES AND REINFORCEMENT BARS IS INCLUDED WITH SIPHON RECONSTRUCTION.
- REINFORCEMENT BARS IN PIPE OPENINGS HAVE NOT BEEN SUBTRACTED FROM BILL OF MATERIALS.
- MANHOLE RISER PIPE 48" RCP PIPE SECTION PER CHICAGO DEPARTMENT OF WATER MANAGEMENT (CDWM), INCLUDED IN PLANS.
- MANHOLE RISER AND MANHOLE LID PER CHICAGO DEPARTMENT OF WATER MANAGEMENT, INCLUDED IN PLANS.
- MANHOLE STEPS PER CHICAGO DEPARTMENT OF WATER MANAGEMENT, INCLUDED IN PLANS.



- 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.



| | | |
|-----------------------------|-------------------|----------------------|
| D16W29-sht-Siphon-06.dgn | DESIGNED - JEH | REVISED - 12/18/2013 |
| USER NAME = BAW1tor1 | DRAWN - CWD | REVISED - |
| PLOT SCALE = 100.0000' / 1" | CHECKED - JWC | REVISED - |
| PLOT DATE = 12/19/2013 | DATE - 10/30/2013 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIPHON OUTLET BOX DETAILS
PEORIA STREET

SCALE: NONE SHEET 7 OF 11 SHEETS STA. TO STA.

| | | | | |
|---------------------------|-----------|--------|--------------|-----------|
| F.A.I. R.E. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 90/94/290 | 2013-011R | COOK | 356 | 76 |
| CONTRACT NO. 60W29 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |