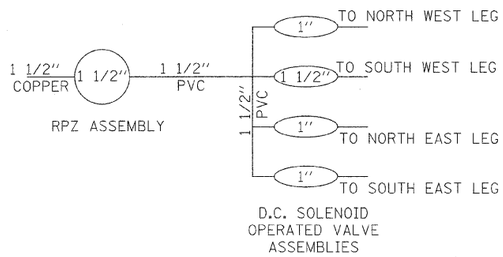
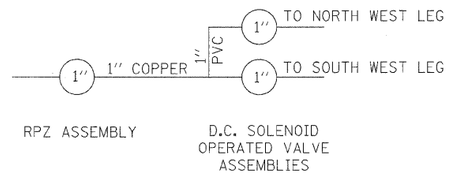
CONTRACT NO. 93450

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7982	*	SANGAMON	114	94
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

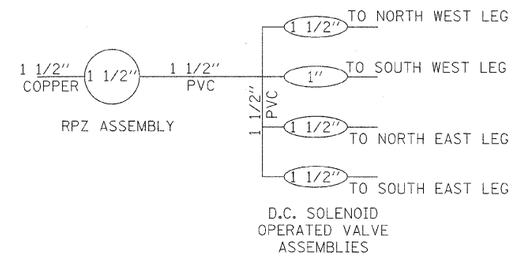
* 05-00447-01-PV CITY OF SPRINGFIELD



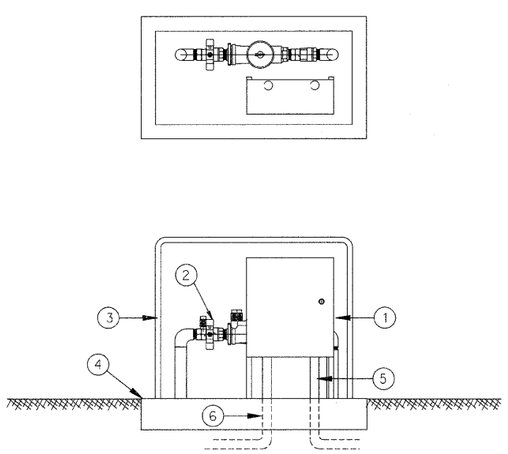
8TH STREET MANIFOLD DETAIL



10TH STREET MANIFOLD DETAIL



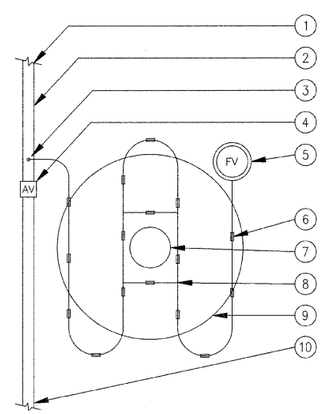
11TH STREET MANIFOLD DETAIL



8TH STREET IRRIGATION SYSTEM CONTROLLER AND RPZ ASSEMBLY AND BOX

1. IRRIGATION SYSTEM CONTROL BOX.
2. RPZ ASSEMBLY WITH STRAINER.
3. INSULATED HOUSING SIZED PER VALVE REQ.
4. CONCRETE SLAB PER HOUSING RECOM.
5. IRRIGATION VALVE CONTROL CABLE IN CONDUIT.
6. POWER SUPPLY FOR IRRIGATION CONTROLLER IN CONDUIT.

(NOTE: CWLP TO SUPPLY POWER CABLE TO CONTOLLER)



1. PVC LATERAL LINE FROM MAIN LINE.
2. PVC SUPPLY LINE.
3. MANIFOLD-TO-ELBOW CONNECTION (TYP).
4. AIR/VACUUM RELIEF VALVE PLUMBED TO PVC SUPPLY LINE AT HIGH POINT.
5. AUTOMATIC FLUSH VALVE PLUMBED TO TUBING AT END OF EACH LINE.
6. ⅝" MANIFOLD DRIPLINE W/18" EMMITTER SPACING
7. TREE ROOTBALL.
8. TEE.
9. ESTIMATED DRIP LINE OF MATURE TREE.
10. PVC SUPPLY LINE TO OTHER TREES.

TREE IRRIGATION DETAIL

IRRIGATION KEY

W1	IRRIGATION BED 0.5 GPM EMITTER
W2	IRRIGATION BED 1.0 GPM EMITTER
W3	TWO WIRE DECODER CONTROLLER
W4	1 1/2" RPZ ASSEMBLY
W5	1" RPZ ASSEMBLY
W6	2 STATION DECODER
W7	4 STATION DECODER
W8	IRRIGATION BED CONNECTION TYP
W9	RAISED URN SUPPLY
W10	1 1/2" SCHEDULE 40 GLUE JOINT PIPE
W11	1" SCHEDULE 40 GLUE JOINT PIPE
W12	1 1/2" TYPE K COPPER
W13	1" TYPE K COPPER
W14	8" CASING PIPE
W15	4" CASING PIPE
W16	1 1/2" SCHEDULE 40 PIPE IN CASING
W17	1" SCHEDULE 40 PIPE IN CASING
W18	IRRIG. CONTR. WIRE IN 1" CONDUIT

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

IRRIGATION DETAILS

FAU RTE 7982 CAPITOL AVE
SEC NO. 05-00447-01-PV
SANGAMON COUNTY, ILLINOIS

SCALE: VERT. HORIZ. DRAWN BY LJB
DATE 09/19/07 CHECKED BY MH

LAYOUT	LJB	02/23/07
DRAWN	LJB	02/23/07
REVIEWED	MH	09/19/07

PLOT DATE = 8\\VR\2009.10\24 AM
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PLOT SCALE = 1.82026 ' / IN.
USER NAME = Pop08536

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