



LEGEND:
 Removal

NOTES:

1. Adjust elevations and dimensions provided in the table as necessary for the East and West pipe invert elevations set in the field.
2. Adjust North and South connecting pipes to fit inside openings provided in Junction Chamber.
3. For additional connections to the North and South riser shafts, see Drainage Plans.
4. For As-Built drawings of the existing drop manholes, See Sheets JC-6 thru JC-22.
5. Adjust station and offset provided in the table for the Work Point (W.P.) to match location of existing drop manhole found in the field.
6. Contractor shall take care during removal of the existing drop manhole not to damage the existing clay drop shaft. Any repairs to the drop shaft shall not be measured for payment and shall be as directed by the Engineer.
7. Removal of the existing drop manhole shall be included in the cost of the Junction Chamber and shall include the existing frame and lid, riser shafts, ladder rungs, concrete, reinforcement, and weir wall as shown. See Special Provisions.
8. See Drainage Plans for location and abandonment/maintaining of existing storm sewers in drop manholes.

REMOVAL PLAN

Shown for South oriented Drop Shaft
 See As-Built plan info for other exist. information

JC T2 19-01	***
JC T2 20-01	***
JC T2 23-01	***
JC T2 24-01	***
JC T2 28-01	**
JC T2 32-01	**
JC T2 35-02	**
JC T2 37-01	***
JC T2 38-01	**
JC T2 41-01	**
JC T2 44-01	**
JC T2 46-01	**

TABLE OF JUNCTION CHAMBER INFORMATION

Junction Chamber No.	Structure No.	Work Point		Existing Drop Manhole		North Rim. EL.	South Rim. EL.	EL. a	EL. b	West Pipe Connection			East Pipe Connection			North Pipe Connection			South Pipe Connection								
		Station	Offset	No.	Type					Pipe φ	Pipe Opening	Inv. El.	c	Pipe φ	Pipe Opening	Inv. El.	d	Pipe φ	Pipe Opening	Inv. El.	e	g	Pipe φ	Pipe Opening	Inv. El.	f	j
1	JC T2 19-01	2473+21	-6.0	-	B24N	-1.37	-1.36	-6.17	-14.92	36"	44"	-12.25	2'-9"	36"	44"	-12.25	2'-9"	15"	20"	-9.13	2'-2"	2'-0"	12"	16"	-9.32	2'-4"	2'-0"
2	JC T2 20-01	2478+13	-5.0	-	B24S	2.34	2.31	-3.95	-12.70	42"	51"	-9.99	2'-2"	42"	51"	-9.99	2'-2"	-	-	-	-	-	12"	16"	-7.32	2'-6"	2'-0"
3	JC T2 23-01	2499+01	-6.0	-	B24S	1.55	1.80	-3.56	-12.31	42"	51"	-9.60	2'-2"	42"	51"	-9.60	2'-2"	-	-	-	-	-	12"	16"	-6.56	2'-2"	2'-0"
4	JC T2 24-01	2504+44	-7.0	-	B24S	-2.14	-2.31	-4.94	-13.69	42"	51"	-10.98	2'-2"	42"	51"	-10.98	2'-2"	-	-	-	-	-	15"	20"	-9.11	3'-4"	2'-0"
5	JC T2 28-01	2527+73	-7.0	-	B36S	-4.21	-4.11	-11.39	-20.14	48"	51"	-17.39	1'-7"	42"	51"	-17.39	2'-2"	-	-	-	-	-	-	-	-	-	-
6	JC T2 32-01	2554+05	-3.2	DMH-48	B36S	-3.30	-3.21	-8.46	-17.21	42"	51"	-14.50	2'-2"	42"	51"	-14.50	2'-2"	12"	16"	-10.96	1'-8"	1'-11"	12"	16"	-10.96	1'-8"	1'-11"
7	JC T2 35-01	2568+63	-3.7	DMH-51	B36S	-3.55	-3.61	-8.76	-17.51	42"	51"	-14.80	2'-2"	36"	44"	-14.80	2'-8"	-	-	-	-	-	12"	16"	-11.26	1'-8"	1'-11"
8	JC T2 37-01	2580+04	-4.2	DMH-53	B24S	-4.36	-4.19	-10.42	-19.17	36"	44"	-16.50	2'-9"	36"	44"	-16.50	2'-9"	-	-	-	-	-	-	-	-	-	-
9	JC T2 38-01	2584+42	-7.2	DMH-54	36"DR	-3.37	-3.59	-8.50	-17.25	48"	58"	-14.50	1'-7"	42"	51"	-14.50	2'-1"	12"	16"	-11.00	1'-8"	1'-11"	12"	16"	-11.00	1'-8"	1'-11"
10	JC T2 41-01	2607+79	-7.9	DMH-57	36"DR	-1.18	-1.12	-9.00	-17.75	48"	58"	-15.00	1'-7"	48"	58"	-15.00	1'-7"	-	-	-	-	-	-	-	-	-	-
11	JC T2 44-01	2620+94	-4.0	DMH-59	36"DR	-0.69	-0.56	-9.96	-18.71	42"	51"	-16.00	2'-2"	42"	51"	-16.00	2'-2"	-	-	-	-	-	-	-	-	-	-
12	JC T2 46-01	2637+82	-7.3	DMH-60	36"DR	-3.77	-3.89	-11.80	-20.55	48"	58"	-17.80	1'-7"	36"	44"	-17.80	2'-8"	-	-	-	-	-	-	-	-	-	-

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 JUNCTION CHAMBER, TYPE 2
 REMOVAL PLAN

SCALE: N.T.S. DRAWN BY: DJM
 DATE: 07/07/05 CHECKED BY: BLU

6/28/2005 10:56:45 AM