

SCHEDULE OF PIPE UNDERDRAINS

STATION TO STATION	OFFSET	PIPE UNDERDRAINS 6" (FT)	CONNECTING STRUCTURE	PIPE UNDERDRAINS 6" SPECIAL (FT)
1632+44.5	1633+88.5	LT	46-08	
1633+91.0	1635+05.0	RT	46-09	6.0
1633+92.5	1635+03.5	LT	46-12	
1635+06.0	1636+30.0	RT	46-13	6.0
1635+07.5	1636+28.5	LT	46-17	
1636+42.5	1636+31.5	LT	46-17	
1637+42.5	1636+46.5	LT	46-19	
1637+44.0	1636+30.0	RT	46-13	6.0
1638+84.0	1637+45.0	RT	46-23	6.0
1638+82.5	1637+46.5	LT	46-21	
1641+04.0	1638+85.0	RT	47-01	6.0
1641+02.5	1638+86.5	LT	47-04	
1643+12.0	1641+05.0	RT	47-05	6.0
1643+10.5	1641+06.5	LT	47-08	
TOTALS				636

SCHEDULE OF PIPE UNDERDRAINS

STATION	OFFSET	STATION	OFFSET	PIPE UNDERDRAINS 12" (FT)
1540+13.0	9.7' RT	1540+16.9	88.2' LT	97.9
1548+38.2	10.9' RT	1548+38.2	74.1' LT	84.8
1607+79.3	11.5' RT	1607+78.7	63.2' LT	74.6
1622+78.7	7.7' RT	1622+79.2	63.8' LT	71.4
1636+27.5	63.9' LT	1636+28.6	6.0' RT	69.9
TOTAL				398.6

TABLE OF PIPE UNDERDRAIN ELEVATIONS

STATION	ELEVATION	STATION	ELEVATION	STATION	ELEVATION	STATION	ELEVATION	STATION	ELEVATION
1424+00	-1.63	1478+00	-3.07	1546+00	1.44	1593+00	6.00	1640+00	T.B.D.
1425+00	-1.33	1479+00	-1.92	1547+00	0.61	1594+00	6.55	1641+00	T.B.D.
1426+00	-1.41	1480+00	-0.77	1548+00	-0.52	1595+00	6.85	1642+00	T.B.D.
1427+00	-1.85	1481+00	0.38	1549+00	-1.93	1596+00	6.91	1643+00	T.B.D.
1429+00	-2.89	1482+00	1.53	1550+00	-3.55	1597+00	6.73		
1430+00	-3.41	1483+00	2.68	1551+00	-5.17	1598+00	6.31		
1431+00	-3.91	1484+00	3.80	1552+00	-6.80	1599+00	5.64		
1432+00	-4.41	1485+00	4.72	1553+00	-8.39	1600+00	4.73		
1433+00	-4.91	1486+00	5.37	1554+00	-9.44	1601+00	3.58		
1434+00	-5.41	1487+00	5.74	1555+00	-9.81	1602+00	2.19		
1435+00	-5.90	1488+00	5.84	1556+00	-9.49	1603+00	0.55		
1436+00	-6.40	1489+00	5.66	1557+00	-8.46	1604+00	-1.33		
1437+00	-6.60	1490+00	5.21	1558+00	-7.33	1605+00	-3.39		
1438+00	-6.12	1491+00	4.49	1559+00	-6.23	1606+00	-5.02		
1439+00	-5.14	1492+00	3.51	1560+00	-5.49	1607+00	-6.09		
1440+00	-4.14	1493+00	2.47	1561+00	-5.15	1608+00	-6.61		
1441+00	-3.17	1494+00	1.43	1562+00	-5.21	1609+00	-6.57		
1442+00	-2.54	1495+00	0.38	1563+00	-5.66	1610+00	-5.98		
1443+00	-2.33	1496+00	-0.66	1564+00	-6.52	1611+00	-5.04		
1444+00	-2.55	1497+00	-1.70	1565+00	-7.69	1612+00	-4.10		
1450+00	-8.04	1498+00	-2.74	1566+00	-8.84	1613+00	-3.17		
1451+00	-8.07	1499+00	-3.80	1567+00	-9.67	1614+00	-2.51		
1452+00	-7.46	1500+00	-4.87	1568+00	-9.76	1615+00	-2.27		
1453+00	-6.38	1501+00	-5.93	1569+00	-9.16	1616+00	-2.44		
1454+00	-5.63	1503+00	-7.67	1570+00	-7.86	1617+00	-3.01		
1455+00	-5.29	1504+00	-7.70	1571+00	-6.17	1618+00	-3.99		
1456+00	-5.38	1505+00	-7.02	1572+00	-4.76	1619+00	-5.10		
1457+00	-5.89	1525+00	-6.96	1573+00	-3.85	1620+00	-6.21		
1458+00	-6.72	1526+00	-8.24	1574+00	-3.42	1621+00	-7.32		
1459+00	-7.57	1527+00	-8.58	1575+00	-3.48	1622+00	-8.26		
1460+00	-8.19	1528+00	-8.26	1576+00	-4.04	1623+00	-8.49		
1461+00	-8.08	1530+00	-7.00	1577+00	-5.07	1624+00	-8.00		
1463+00	-5.84	1531+00	-6.14	1578+00	-6.60	1625+00	-6.96		
1464+00	-4.45	1532+00	-5.01	1579+00	-8.54	1626+00	-5.88		
1465+00	-3.41	1533+00	-4.13	1580+00	-10.02	1627+00	-4.81		
1466+00	-2.73	1534+00	-3.21	1581+00	-10.80	1628+00	-3.92		
1467+00	-2.42	1535+00	-2.19	1582+00	-10.87	1629+00	-3.65		
1468+00	-2.47	1536+00	-1.15	1583+00	-10.24	1630+00	-4.04		
1469+00	-2.86	1537+00	-0.06	1584+00	-8.90	1631+00	-4.95		
1470+00	-3.60	1538+00	0.51	1585+00	-6.86	1632+00	-5.91		
1471+00	-4.66	1539+00	1.14	1586+00	-4.61	1633+00	-6.87		
1472+00	-5.80	1540+00	1.81	1587+00	-2.39	1634+00	-7.82		
1473+00	-6.67	1541+00	1.55	1588+00	-0.38	1635+00	-8.78		
1474+00	-6.85	1542+00	2.04	1589+00	1.38	1636+00	-9.74		
1475+00	-6.40	1543+00	2.22	1590+00	2.90	1637+00	T.B.D.		
1476+00	-5.34	1544+00	2.25	1591+00	4.18	1638+00	T.B.D.		
1477+00	-4.21	1545+00	1.99	1592+00	5.21	1639+00	T.B.D.		

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	162
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62302		* (1818, ETC, 2324.6-1P1R-9		

BOWMAN, BARRETT & ASSOCIATES INC
CONSULTING ENGINEERS
Chicago, Illinois
312.228.0100
www.bbandainc.com



REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
DRAINAGE SCHEDULES
PROPOSED PIPE UNDERDRAINS
SCALE: 1"=N.T.S. DRAWN BY: OC
DATE: 07/07/05 CHECKED BY: DDM

DS-42
03-40-01/14
03/29/2005