UNDERDRAIN SUB-SUMMARY

CALC. BY VLW DATE 3/28/96
CHKD. BY WDB DATE 4/5/96

LAK – 615 – 2.82

OHIO
FHWA REGION 5

S.R.615 8+00 – 12+00

UNDERDRAINS

REF.	LOCATION	603 6"CONDUIT,TYPE F,AS PER PLAN 707.41 NON-PERFORATED L.F.	605 6"SHALLOW PIPE UNDERDRAIN W/ FABRIC WRAP,AS PER PLAN L.F.
UD-1	160+31.00 LT.(SR 84) TO 11+85.00 LT.	10	188
UD-2	11+85.00 LT. TO 12+00.00 LT.		15
UD-3	162+10.00 LT.(SR 84) TO 10+84.00 RT.	10	85
UD-4	10+84.00 RT.TO 11+78.00 RT.	10	84
UD-5	11+78.00 RT. TO 12+00.00 RT.		22
	TOTALS	30	394

S.R.615 12+00 – 16+00

UNDERDRAINS

REF.	LOCATION	603 6"CONDUIT,TYPE F,AS PER PLAN 707.41 NON-PERFORATED L.F.	605 6"SHALLOW PIPE UNDERDRAIN W/ FABRIC WRAP,AS PER PLAN L.F.
UD-1	12+00.00 LT.TO 12+51.00 LT.	10	41
UD-2	12+51.00 LT.TO 13+94.00 LT	10	133
UD-3	13+94.00 LT.TO 14+85.00 LT.	10	81
UD-4	14+85.00 LT.TO 16+04.00 LT.	10	109
UD-5	12+00.00 RT.TO 12+51.00 RT.	10	41
UD-6	12+51.00 RT.TO 13+94.00 RT.	10	133
UD-7	13+94.00 RT.TO 14+16.86 RT.	10	18
UD-8	14+52.87 RT.TO 14+85.00 RT.	10	28
UD-9	14+85.00 RT.TO 16+04.00 RT.	10	109
	TOTALS	90	693

S.R.615 16+00 – 20+00

UNDERDRAINS

REF.	LOCATION	603 6"CONDUIT,TYPE F,AS PER PLAN 707.41 NON-PERFORATED L.F.	605 6"SHALLOW PIPE UNDERDRAIN W/ FABRIC WRAP,AS PER PLAN L.F.
UD-1	16+04.00 LT.TO 17+13.00 LT.	10	99
UD-2	17+13.00 LT.TO 19+20.00 LT.	10	197
UD-3	19+20.00 LT.TO 20+11.00 LT.	10	81
UD-4	16+04.00 RT.TO 17+13.00 RT.	10	99
UD-5	17+13.00 RT.TO 17+44.66 RT.	10	27
UD-6	17+81.62 RT.TO 17+97.00 RT.	10	10
UD-7	17+97.00 RT.TO 19+20.00 RT.	10	114
UD-8	19+20.00 RT.TO 20+11.00 RT.	10	81
	TOTALS	80	708

S.R.615 20+00 – 24+00

UNDERDRAINS

REF.	LOCATION	603 6"CONDUIT,TYPE F,AS PER PLAN 707.41 NON-PERFORATED L.F.	605 6"SHALLOW PIPE UNDERDRAIN W/ FABRIC WRAP,AS PER PLAN L.F.
UD-1	20+11.00 LT.TO 22+00.00 LT.	10	179
UD-2	22+00.00 LT.TO 23+30.00 LT.	10	120
UD-3	23+30.00 LT.TO 24+00.00 LT.		70
UD-4	20+11.00 RT.TO 20+94.00 RT.	10	73
UD-5	20+94.00 RT.TO 21+25.42 RT.	10	28
UD-6	21+62.45 RT.TO 21+77.00 RT.	10	10
UD-7	21+77.00 RT.TO 23+30.00 RT.	10	142
UD-8	23+30.00 RT.TO 24+00.00 RT.		70
	TOTALS	60	692

S.R.615 24+00 – 28+00

UNDERDRAINS

REF.	LOCATION	603 6"CONDUIT,TYPE F,AS PER PLAN 707.41 NON-PERFORATED L.F.	605 6"SHALLOW PIPE UNDERDRAIN W/ FABRIC WRAP,AS PER PLAN L.F.
UD-1	24+00.00 LT.TO 24+45.00 LT.	10	35
UD-2	24+45.00 LT.TO 26+00.00 LT.	10	145
UD-3	26+00.00 LT.TO 27+15.00 LT.	10	105
UD-4	27+15.00 LT.TO 28+00.00 LT.		85
UD-5	24+00.00 RT.TO 24+60.00 RT.	10	50
UD-6	24+60.00 RT.TO 24+94.09 RT.	10	24
UD-7	25+31.24 RT.TO 25+49.00 RT.	10	16
UD-8	25+49.00 RT.TO 27+15.00 RT.	10	156
UD-9	27+15.00 RT.TO 28+00.00 RT.		85
	TOTALS	70	701

S.R.615 28+00 – 31+00

UNDERDRAINS

REF.	LOCATION	603 6"CONDUIT,TYPE F,AS PER PLAN 707.41 NON-PERFORATED L.F.	605 6"SHALLOW PIPE UNDERDRAIN W/ FABRIC WRAP,AS PER PLAN L.F.
UD-1	28+00.00 LT.TO 29+00.00 LT.	10	90
UD-2	29+00.00 LT.TO 31+00.00 LT.	10	190
UD-3	28+00.00 RT.TO 29+00.00 RT.	10	90
UD-4	29+00.00 RT.TO 30+30.00 RT.	10	120
UD-5	30+30.00 RT.TO 31+00.00 RT.		70
	TOTALS	40	560

S.R.615 31+00 – 35+00

UNDERDRAINS

REF.	LOCATION	603 6"CONDUIT,TYPE F,AS PER PLAN 707.41 NON-PERFORATED L.F.	605 6"SHALLOW PIPE UNDERDRAIN W/ FABRIC WRAP,AS PER PLAN L.F.
UD-1	31+00.00 LT.TO 31+90.00 LT.	10	80
UD-2	31+90.00 LT.TO 32+80.00 LT.	10	80
UD-3	32+80.00 LT.TO 34+00.00 LT.	10	110
UD-4	34+00.00 LT.TO 34+50.00 LT.		50
UD-5	31+00.00 RT.TO 31+38.00 RT.	10	28
UD-6	31+38.00 RT.TO 31+71.64 RT.	10	32
UD-7	32+02.76 RT.TO 32+34.99 RT.	10	30
UD-8	32+34.99 RT.TO 33+50.00 RT.	10	105
UD-9	33+50.00 RT.TO 33+98.50 RT.		49
	TOTALS	70	564

SEATON PLACE

UNDERDRAINS

REF.	LOCATION	603 6"CONDUIT,TYPE F,AS PER PLAN 707.41 NON-PERFORATED L.F.	605 6"SHALLOW PIPE UNDERDRAIN W/ FABRIC WRAP,AS PER PLAN L.F.
UD-1	14+52.87 (SR 615) RT.TO 11+03.00 LT	10	52
UD-2	14+16.86 (SR 615) RT.TO 11+15.00 RT.	10	66
	TOTALS	20	118

HALLNORTH DRIVE

UNDERDRAINS

REF.	LOCATION	603 6"CONDUIT,TYPE F,AS PER PLAN 707.41 NON-PERFORATED L.F.	605 6"SHALLOW PIPE UNDERDRAIN W/ FABRIC WRAP,AS PER PLAN L.F.
UD-1	17+81.62 (SR 615) RT.TO 11+30.00 LT.	10	82
UD-2	17+44.66 (SR 615) RT.TO 11+30.00 RT.	10	83
	TOTALS	20	165

GRENWAY DRIVE

UNDERDRAINS

REF.	LOCATION	603 6"CONDUIT,TYPE F,AS PER PLAN 707.41 NON-PERFORATED L.F.	605 6"SHALLOW PIPE UNDERDRAIN W/ FABRIC WRAP,AS PER PLAN L.F.
UD-1	21+62.45 (SR 615) RT.TO 11+20.00 LT.	10	72
UD-2	21+25.42 (SR 615) RT.TO 11+20.00 RT.	10	72
	TOTALS	20	144

FORESTVIEW AVENUE

UNDERDRAINS

REF.	LOCATION	603 6"CONDUIT,TYPE F,AS PER PLAN 707.41 NON-PERFORATED L.F.	605 6"SHALLOW PIPE UNDERDRAIN W/ FABRIC WRAP,AS PER PLAN L.F.
UD-1	25+31.24 (SR 615) RT.TO 11+20.00 LT.	10	66
UD-2	11+20.00 LT.TO 12+15.00 LT.	10	85
UD-3	12+15.00 LT.TO 12+40.00 LT.	10	15
UD-4	24+94.09 (SR 615) RT.TO 11+20.00 RT.	10	67
UD-5	11+20.00 RT.TO 12+40.00 RT.	10	110
	TOTALS	50	343

ESTHER STREET

UNDERDRAINS

REF.	LOCATION	603 6"CONDUIT,TYPE F,AS PER PLAN 707.41 NON-PERFORATED L.F.	605 6"SHALLOW PIPE UNDERDRAIN W/ FABRIC WRAP,AS PER PLAN L.F.
UD-1	32+02.76 (SR 615) RT.TO 11+20.00 LT.	10	67
UD-2	31+71.64 (SR 615) RT.TO 11+20.00 RT.	10	66
	TOTALS	20	133

NOTE: QUANTITY TOTALS CARRIED TO SHEET 40

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