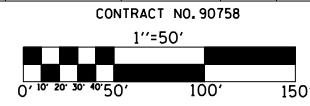


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	10-32HB-3,K	CHAMPAIGN	352	68



CONTRACT NO. 90758

- CONCRETE HEADWALL FOR PIPE DRAINS
- PIPE UNDERDRAINS 4 INCH
 - STA. 20+00 TO STA. 36+12 RT. - 1612.8 FEET
 - STA. 24+00 RT.
 - STA. 35+18 TO STA. 42+39 LT. - 721.3 FEET
 - STA. 40+44 TO STA. 41+76 RT. - 132.1 FEET
- PIPE UNDERDRAINS 4 INCH (SPECIAL)
- STA. 20+00 RT. - 18.0 FEET
 - STA. 24+00 RT. - 14.0 FEET
 - STA. 24+00 RT. - 14.0 FEET
 - STA. 31+13 RT. - 14.0 FEET
 - STA. 31+13 RT. - 14.0 FEET
 - STA. 35+18 LT. - 14.0 FEET
 - STA. 39+00 LT. - 14.0 FEET
 - STA. 40+44 RT. - 14.0 FEET

- INLET & PIPE PROTECTION
- RAMP D
 - STA. 30+28, 41' RT.
 - I-57
 - STA. 300+76, 93' LT.
 - STA. 301+00, 1' LT.
 - STA. 301+00, 89' RT.
 - STA. 301+00, 93' LT.
 - STA. 301+26, 93' LT.
 - CURTIS
 - STA. 26+35, 167' LT.

INLET, TYPE B, TYPE 1 FRAME, OPEN LID

STA. 25+10 20.0' LT., 1.0 EACH

STORM SEWER, CLASS A, TYPE 2, 12" - 46"

WITH END SECTION, 12" - 1 EACH

STA 25+10 20.0' LT, U.S. INV. = 697.22

STA 25+10 25.1' RT, D.S. INV. = 696.56

SLOPE = 1.5%

TRENCH BACKFILL = 3.9 CU. YD.

PERIMETER EROSION BARRIER

EXPLORATION TRENCH

WOVEN WIRE FENCE, 4'

EXTEND WITH PIPE CULVERT

CLASS A, TYPE 1, 24" - 25' LT. AND PRC FLARED END SECTION, 24" - 1 EACH

CONCRETE COLLAR - 0.5 CU YD

EXPANSION BOLTS 3/4" X 12" - 8 EACH

STA. 313+98.85, 100.0' LT., D.S.F.L. = 696.01

SEE DETAIL OF CONCRETE COLLARS.

- TEMPORARY DITCH CHECKS
- RAMP D
 - STA. 19+50 RT.
 - STA. 28+37 RT./AGGREGATE
 - STA. 31.00 RT./AGGREGATE
 - STA. 34+00 RT.
 - STA. 40+48 RT.
 - CURTIS
 - STA. 26+00 LT./AGGREGATE

- PAVED SHOULDER REMOVAL
- STONE RIPRAP CLASS A-4, SEE DETAIL

19+00.00, 175.00' RT (CURTIS ROAD) = 295+61.78, 923.26' LT (F.A.I. RTE 57)

19+75.00, 250.00' RT (CURTIS ROAD) = 294+85.46, 849.60' LT (F.A.I. RTE 57)

40+44.06, 24.0' RT. ELEV. = 711.91

303+00.00 760.00' LT

STATION EQUATION

STA. 21+32.44 (CURTIS RD.) = STA. 30+00.00 (RAMP C) = STA. 42+84.06 (RAMP D)

39+00.00, 34.0' LT. ELEV. = 708.41

BRIDGE APPROACH DRAIN

SEE HIGHWAY STANDARD 610001-02

PCC SHOULDERS 8" - 16.7 SO.YD.

END SECTIONS 12" - 1 EACH

PIPE DRAINS 12" - 118'

CONCRETE CURB - 15'

CONCRETE THRUST BLOCKS - 1 EACH

TYPE F INLET BOX - 1 EACH

WATERWAY INFORMATION

CULVERT # 16

DRAINAGE AREA = 415 ACRES		LOW GRADE ELEV. = 699.67		STA. 30+75		
FLOOD	FREQ. YR.	D C.F.S. (m ³ /sec.)	OPENING SQ. FT. (m ²)	NAT. H.W.E.	HEAD - FT. (m)	HEADWATER EL.
DESIGN	50	214	N/A 56	695.7	N/A 0.5	N/A 696.2
BASE	100	243	N/A 56	696.1	N/A 0.5	N/A 696.6
OVERTOPPING						
MAX. CALC.	500	311	N/A 56	696.8	N/A 0.5	N/A 647.3

STATION EQUATION:

STA. 28+20.30 (CURTIS ROAD) = STA. 297+20.45 (F.A.I. RTE 57)

WEST INFIELD CROSS SECTION ALIGNMENT

EXISTING R.O.W. LINE

INTERSTATE 57 SOUTHBOUND

INTERSTATE 57 NORTHBOUND

MATCHLINE 312+50

MATCHLINE 312+50

ILLINOIS DEPARTMENT OF TRANSPORTATION

RAMP D

NORTHWEST QUADRANT

PLAN