PLAN
SURVEYED
PLOTTED
ISSUES CHECKED
R.O.W. CHECKED
CADD FILE NAME
NOTE BOOK
NO.
DATE
BY

PROFILE
SURVEYED
PLOTTED
ISSUES CHECKED
STRUCTURE NO'S/ATN'S CHKD
NOTE BOOK
NO.
DATE
BY

MATCH IMPROVEMENTS BY OTHERS
STA. 113+57.00 BEGIN PROJECT
STA. 123+00.00 END IMPROVEMENTS MATCH EXISTING
POT Sta 113+00.00
POT Sta 125+00.00
115+00
120+00
125+00
EXIST. R.O.W.
FILL
30" RCP
WOLF ROAD
IL RTE 68 (DUNDEE RD.)
INS. WELL
CABLE TV
GAS METER
WATER CURB COCK
CLAY
SAN
R.O.W.

STRUCTURE 11 MANHOLE TO BE RECONSTRUCTED TG: 645.57
PIPE UNDERDRAIN, 4" STA 114+30 TO 114+60 CORE STRUCTURE 12A
STRUCTURE 12 REMOVE EX. INLET
STRUCTURE 13 REMOVE EX. INLET
STRUCTURE 14 REMOVE EX. INLET
STRUCTURE 15 REMOVE EX. INLET
STRUCTURE 16 REMOVE EX. INLET
STRUCTURE 17 REMOVE EX. INLET
STRUCTURE 34 REMOVE EX. INLET
STRUCTURE 36 REMOVE EX. INLET
STRUCTURE 37 REMOVE EX. INLET
PIPE UNDERDRAIN, 4" STA 114+26 TO 114+56 CORE STRUCTURE 13A
STA 114+56.5, 31.0' LT STRUCTURE 13A INLET, TYPE B TYPE 1 FRAME, OPEN LID TG: 645.20 INV: 640.22 (SE)
STA 114+61.0, 31.0' RT STRUCTURE 12A INLET, TYPE A TYPE 1 FRAME, OPEN LID TG: 645.20 INV: 642.64 (N)
STA 116+63.1, 31.0' LT STRUCTURE 15A INLET, TYPE B TYPE 1 FRAME, OPEN LID TG: 646.11 INV: 640.56 (SE)
PIPE UNDERDRAIN, 4" CORE EX 48" DIA STORM STA 116+25 LT & RT
STA 116+61.2, 31.0' RT STRUCTURE 14A INLET, TYPE A TYPE 1 FRAME, OPEN LID TG: 646.11 INV: 643.32 (N)
STA 118+73.8, 31.0' LT STRUCTURE 17A INLET, TYPE B TYPE 1 FRAME, OPEN LID TG: 647.08 INV: 640.57 (SE)
STA 118+45.5, 31.0' RT STRUCTURE 16A INLET, TYPE A TYPE 1 FRAME, OPEN LID TG: 647.11 INV: 643.19 (N)
STA 118+91.0, 18.3' LT STRUCTURE 18A MANHOLE, TYPE A, 9' DIA. TYPE 1 FRAME, CLOSED LID RIM: 647.37 INV: 636.57 (W) FIELD VERIFY INV: 636.53 (SE)
STRUCTURE 19A OUTLET INV: 636.50
STRUCTURE 39A OUTLET INV: 646.91
STA 120+03.8, 24.7' LT STRUCTURE 38 MANHOLE, TYPE A, 5' DIA. TYPE 1 FRAME, CLOSED LID RIM: 646.73 INV: 637.01 (E) FIELD VERIFY INV: 636.97 (SW)
STA 120+69.0, 31.0' LT STRUCTURE 37A INLET, TYPE B, TYPE 1 FRAME, OPEN LID (INLET TO BE CONSTRUCTED OVER EXISTING STORM SEWER) TG: 646.19 INV: 637.50 FIELD VERIFY
STA 120+69.6, 31.0' RT STRUCTURE 36A INLET, TYPE A TYPE 1 FRAME, OPEN LID TG: 646.23 INV: 643.18 (N)
STA 122+36.8, 27.5' RT STRUCTURE 34A INLET, TYPE A TYPE 1 FRAME, OPEN LID TG: 645.76 INV: 642.93 (N)
STRUCTURE 35 INLET TO BE RECONSTRUCTED TG: 645.70
PIPE UNDERDRAIN, 4" STA 122+36 TO 122+66 CORE STRUCTURE 35
PIPE UNDERDRAIN, 4" STA 122+36 TO 122+66 CORE STRUCTURE 34A
12" SS CLASS A, T-2, 5 FT @ 0.22%
10" SS CLASS A, T-2, 5 FT @ 0.22%
10" SS CLASS A, T-2, 3 FT @ 0.28%
12" SS CLASS A, T-2, 6 FT @ 0.28%
12" SS CLASS A, T-2, 7 FT @ 0.22%
48" SS CLASS A, T-2, 65 FT @ 0.04%
24" SS CLASS A, T-2, 75 FT @ 0.08%
CONNECT TO EX. STORM SEWER
STORM SEWER REMOVAL, 48"
STORM SEWER REMOVAL, 24"
EXISTING 48" STORM SEWER
EXISTING 24" STORM SEWER

EX. C ELEVATIONS
PR. C ELEVATIONS
EXIST. ℄ PROFILE FOR IL. RTE. 68 (DUNDEE RD.)
644.33' LOW BEAM
642.58' PROP. HEADWATER EL.
642.57' N.H.W.E. (50 YEAR)
INV: 637.31
INV: 638.72
650
645
640
635
630
625
645.45
645.79 645.78
645.96
646.07 646.14
646.32
646.37 646.54
646.80
646.67 647.10
647.41
646.74 647.70
647.83
646.41 647.76
647.53
646.44 647.28
647.03
646.70 646.81
646.64
646.51 646.50
646.36
646.22 646.22
646.40
646.55
646.76
646.90
113+00
114+00
115+00
116+00
117+00
118+00
119+00
120+00
121+00
122+00
123+00
124+00
125+00
126+00
127+00

Applied Technologies

FILE NAME = $FILEL$	USER NAME = RDS	DESIGNED - JDD	REVISED -
		DRAWN - RDS	REVISED -
	PLOT SCALE = 1"=50'	CHECKED -	REVISED -
	PLOT DATE = 11-12-10	DATE - 11-12-10	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED DRAINAGE PLAN
IL ROUTE 68 (DUNDEE ROAD) OVER WHEELING DRAINAGE DITCH

SCALE: 1"=50'H,5'V | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	98-B	COOK	65	16
		CONTRACT NO.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		