F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2585	00-00068-01-WR	COOK	145	50
STA. 302+00	TO STA. 316+08			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NUMBER 83785				

220 MNB2-9L
CB, TY C, TY 11V F&G
STA. 302+12, 0.0' RT
RIM = 732.04
INV = 729.00

301 INLET, TY A, TY 24 F&G
STA. 303+84.0, 67.6' RT
RIM = 731.05
INV = 728.00

302 RDCB, 4'D, TY 24 F&G
STA. 304+50, 67.6' RT
RIM = 731.11
INV = 727.74 (S)
INV = 727.64 (NW)

303 (NOT USED)

221 MNB2-9
CB, TY C, TY 24 F&G
STA. 302+12, 46.8' RT
RIM = 731.04
INV = 728.40

304 MNB3-1
CB, TY C, TY 24 F&G
STA. 305+74, 47.0' RT
RIM = 730.99
INV = 728.00

305 RDMH, 5'D, TY 1F, C.L.
STA. 305+87, 39.2' RT
RIM = 731.15
(CONN. TO EX SS-INCID.)
INV = 722.95 (S)
INV = 727.75 (SE)
INV = 722.94 (N)

222 RDMH, 5'D, TY 1F, C.L.
STA. 302+26, 39.2' RT
RIM = 731.70
INV = 723.61 (S)
INV = 728.61 (SW)
INV = 728.28 (SE)
INV = 723.61 (N)

223 EXISTING MH
ADJUST RIM ELEVATION
CORE MH FOR 12"
SS CONNECTION
INV = 727.12 (SE)

245 MSB2-8
STA. 304+98.9, 40.9' RT
CB, TY C, TYP 24 F&G
STA. 302+12.0, 57.0' LT
RIM = 731.44
INV = 729.37

246 RDMH, 4'D, TY 1F, C.L.
STA. 302+16.8, 64.9' LT
RIM = 731.96
INV = 726.52 (E)
INV = 729.31 (SE)
INV = 726.42 (N)

247 RDMH, 4'D, TY 1F, C.L.
STA. 303+75.8, 64.1' LT
RIM = 732.28
INV = 725.53 (S)
INV = 725.53 (NW)
INV = 725.43(N)

248 INLET, TY A, TY24 F&G
STA. 303+95.5, 85.1' LT
RIM = 730.98
INV = 727.91

249 CB, TY A, TY 24 F&G
STA. 303+93.6, 75.0' LT
RIM = 731.13
INV = 727.84 (W)
INV = 725.70 (SE)

318 MSB3-1
CB, TY C, TY 24 F&G
STA. 305+37.5, 68.6' LT
RIM = 730.69
INV = 727.78

319 CB, TY C, TY 24 F&G
STA. 304+75.4, 107.9' LT
RIM = 731.45
INV = 729.35

320 RDMH, 4'D, TY 1F, C.L.
STA. 304+91.1, 110.0' LT
RIM = 732.09
INV = 729.25 (S)
INV = 725.54 (W)
INV = 725.44 (NE)

321 MH, TY A, 6'D, TY 1F, C.L.
STA. 305+20.1, 79.1' LT
RIM = 731.63
INV = 724.73 (S)
INV = 727.28 (NE)
INV = 724.63 (N)

322 MH, TY A, 5' D, TY 1F, C.L.
STA. 305+24.7, 85.0' LT
RIM = 730.35
INV = 725.38 (SW)
INV = 724.35 (N)

323 MH, TY A, 6' D, TY 1F, C.L.
STA. 309+12.6, 75.7' LT
RIM = 729.98
INV = 723.48 (S)
INV = 723.38 (N)

324 MH, TY A, 5' D, TY 1F, C.L.
STA. 309+07.1, 81.5' LT
RIM =729.60
INV = 723.60 (S)
INV = 723.50 (N)

325 CONTROL RELEASE STRUCTURE
RDMH, TY A, 8' D, TY 1F, C.L.
STA. 310+52, 82.7' LT
RIM = 730.50
INV = 722.98 (S)
INV = 722.88 (N)
INV = 723.16 (W)

326 RDMH, TY A, 6' D, TY 1F, C.L.
STA. 310+48.4, 93.6' LT
RIM = 730.00
INV = 723.23 (S)
INV = 723.20 (E)

306 MSB3-2
INLET, TY A, TY 24 F&G
STA. 307+36.0, 67.3' LT
RIM = 730.13
INV = 727.12

306A MSB3-2A
RDCB, 4'D, TY 24 F&G
STA. 308+80.8, 62.4' LT
RIM = 729.92
INV = 726.27 (S)
INV = 726.27 (E)

307 MSB3-2L
RDCB, 4'D, TY 11V F&G
STA. 308+24.0, 17.4' LT
RIM = 730.79
INV = 725.86 (W)
INV = 725.86 (E)

308 MNB3-2
CB, TY C, TY 24 F&G
STA.308+24.0, 47.0' RT
RIM = 730.06
INV = 727.25

309 RDMH, 4'D, TY 1F, C.L.
STA.308+24.0, 36.8' RT
(CONNECT TO EXIST. SEWER-INCID.)
RIM = 730.32
INV = 722.53 (S)
INV = 725.36 (W)
INV = 727.18 (E)
INV = 722.52 (N)

310 MSB3-3
INLET, TY A, TY 24 F&G
STA. 308+80.8, 58.8' LT
RIM = 729.90
INV = 726.90

311 MNB3-3L
RDCB, 4'D, TY 11V F&G
STA. 308+80.8, 10.8' LT
RIM = 730.42
INV =726.45 (W)
INV = 726.45 (E)

312 MNB3-3
CB, TY C, TY 24 F&G
STA. 308+80.8, 46.3' RT
RIM = 729.97
INV = 727.05

313 EXIST. MANHOLE
STA. 308+80.8, 37.0' RT
ADJUST RIM ELEV
CORE MH FOR:
INV = 726.01 (W) (12")
INV = 726.97 (SE) (12")

314 MSB3-4
INLET, TY A, TY 24 F&G
STA. 309+38, 57.0' LT
RIM = 730.07
INV = 727.15

315 MNB3-2L
RDCB, 4'D, TY 11V F&G
STA. 309+38.0, 13.5' LT
RIM = 730.49
INV = 726.75 (W)
INV = 726.75 (E)

316 MNB3-4
CB, TY C, TY 24 F&G
STA. 309+38.0, 47.0' RT
RIM = 730.07
INV = 727.15

317 RDMH, 4'D, TY 1F, C.L.
STA 309+45.0, 35.8' RT
(CONNECT TO EXIST SS-INCID.)
RIM = 730.35
INV = 727.35 (S)
INV = 727.05 (SE)
INV = 726.29 (SW)
INV = 722.34 (N)

NORTH MOTOROLA ENTRANCE

DRUMMER DRIVE

MATCH LINE STA. 302+00
SEE SHEET NO. 49

FIELD DETERMINE CONNECTION OF EXISTING PIPE

164 LF, PIPE UNDERDRAIN, 4"

REPLACE 8 LF OF 30" SS

REPLACE 8 LF OF 33" SS

RELOCATE FIRE HYD. ENGINEER TO FIELD LOCATE

326 LF, PIPE UNDERDRAIN, 4"

100 LF PIPE UNDERDRAIN, 4"

82 LF, PIPE UNDERDRAIN, 4"

100 LF PIPE UNDERDRAIN, 4" (EA. SIDE OF LP)

REMOVE 12" CMP (PAID FOR AS "PIPE CULVERT REMOVAL") REMOVE 2-FES (INCID.)

FES, 12" INV = 724.5

FES, 24" INV = 722.8

CATCH BASIN TO BE ADJUSTED WITH NEW TY 24 F&G

END RECONSTRUCTION IMPROVEMENTS, STA. 312+00

END IMPROVEMENT STA. 316+08

RELOCATE FIRE HYD. ENGINEER TO FIELD LOCATE

*FRAMES & LIDS TO BE ADJUSTED

ALGONQUIN ROAD

MEACHAM ROAD

1 12" SS, CL. A, T-1
40' @ 1.00%, TBF = 6 CY

2 12" SS, CL. A, T-1
13' @ 1.00%, TBF = 2 CY

3 12" SS, CL. A, T-1
26' @ 1.00%, TBF = 4 CY

4 12" SS (WATER MAIN REQ.)
50' @ 1.00%, TBF = 9 CY
(CONNECT TO EX MH-INCID.)

5 12" SS, CL. A, T-2
38' @ 1.58%, TBF = 0 CY

6 12" SS, CL. A, T-1
13' @ 2.00%, TBF = 2 CY

7 12" SS, CL. A, T-1
7' @ 1.00%, TBF = 1 CY

8 18" SS, CL. A, T-2
154' @ 0.58%, TBF = 103 CY

9 21" SS, CL. A, T-2
140' @ 0.57%, TBF = 109 CY

10 12" SS, CL. A, T-1
85' @ 1.00%, TBF = 6 CY

11 12" SS, CL. A, T-2
41' @ 1.00%, TBF = 10 CY

12 12" SS, CL. A, T-2
51' @ 1.00%, TBF = 16 CY

13 12" SS, CL. A, T-1
8' @ 1.00%, TBF = 2 CY

14 12" SS, CL. A, T-1
46' @ 1.00%, TBF =7 CY

15 12" SS, CL. A, T-1
44' @ 1.00%, TBF = 9 CY

16 12" SS, CL. A, T-1
8' @ 1.00%, TBF = 2 CY

17 12" SS, CL. A, T-1
41' @ 1.00%, TBF = 6 CY

18 12" SS, CL. A, T-2
46' @ 1.00%, TBF = 62 CY

19 12" SS, CL. A, T-1
10' @ 1.00%, TBF = 2 CY

20 12" SS, CL. A, T-1
52' @ 1.36%, TBF = 0 CY
CONNECT TO EX. INLET-INCID.
FES INV 723.00

21 12" SS, CL. A, T-2
5' @ 1.00%, TBF = 7 CY

22 12" SS, CL. A, T-2
18' @ 1.00%, TBF = 25 CY

23 NOT USED

24 NOT USED

25 12" SS, CL. A, T-1
50' @ 1.00%, TBF = 1 CY

26 48" SS, CL. A, T-1
385' @ 0.30%, TBF = 0 CY

27 42" SS, CL. A, T-1
374' @ 0.20%, TBF = 0 CY

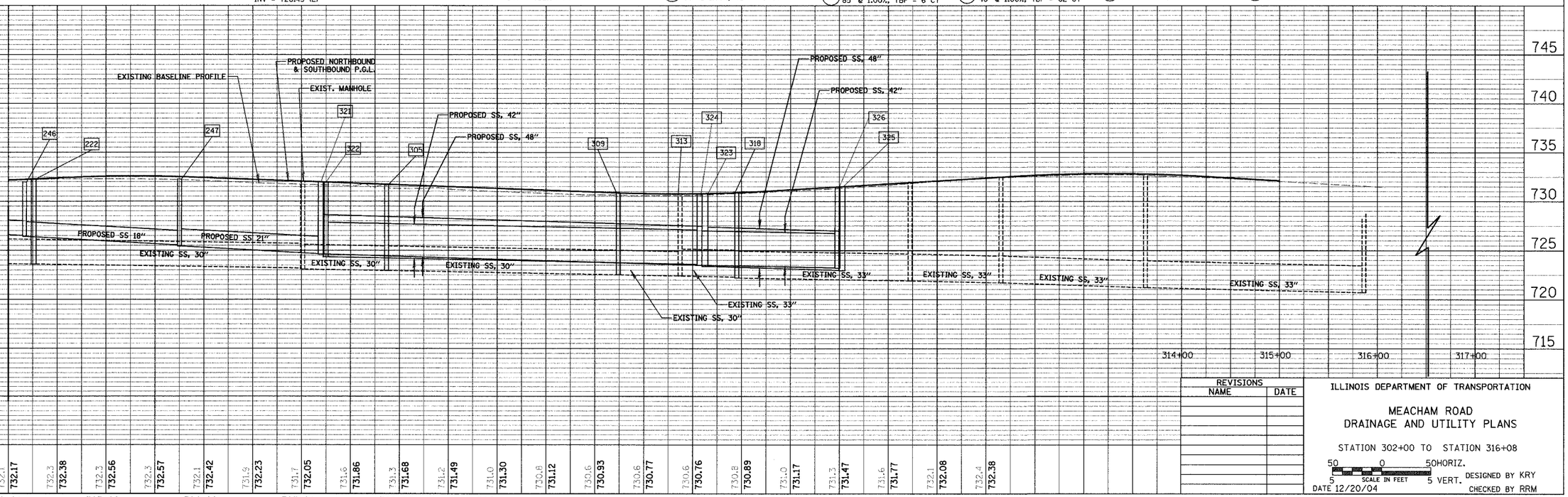
28 48" SS, CL. A, T-1
134' @ 0.31%, TBF = 0 CY

29 42" SS, CL. A, T-1
136' @ 0.20%, TBF = 0 CY

30 24" SS, CL. A, T-2
8' @ 1.00%, TBF = 0 CY

31 12" SS, CL. A, T-1
10' @ 1.00%, TBF = 2 CY

32 24" SS, CL. A, T-1
4' @ 1.00%, TBF = 0 CY



REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

MEACHAM ROAD
DRAINAGE AND UTILITY PLANS

STATION 302+00 TO STATION 316+08

50 0 50 HORIZ.
5 SCALE IN FEET 5 VERT.

DESIGNED BY KRY
CHECKED BY RRM
DATE 12/20/04