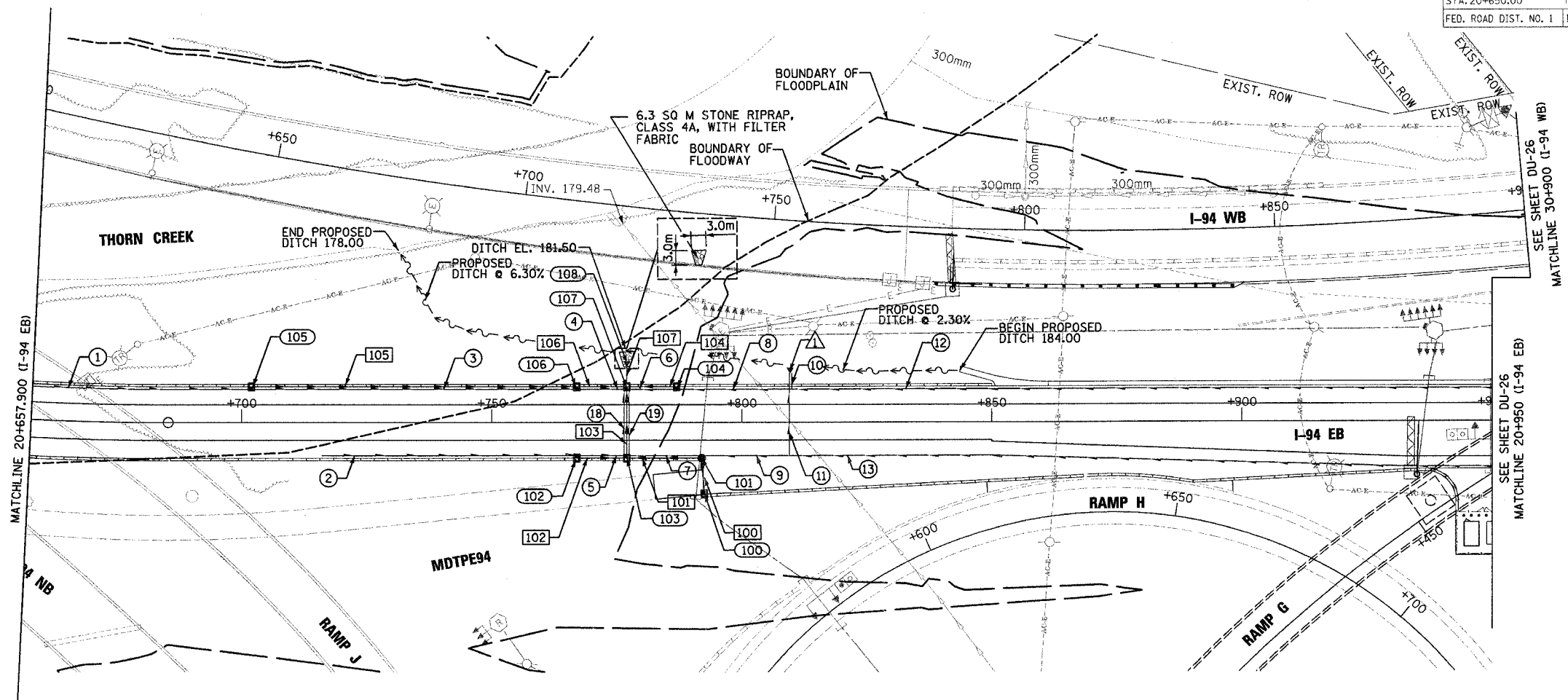


* (0203.1 & 0312-708W) R-3		CONTRACT #62108	
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
80/394	*	COOK	870 236
STA. 20+650.00		TO STA. 20+950.00	
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT	



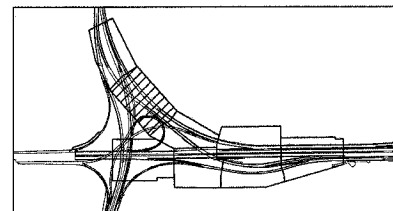
- ① 43.4m - PIPE UNDERDRAINS 150mm
- ② 50.5m - PIPE UNDERDRAINS 150mm
- ③ 63.9m - PIPE UNDERDRAINS 150mm
- ④ 9.1m - PIPE UNDERDRAINS 150mm
- ⑤ 9.1m - PIPE UNDERDRAINS 150mm
- ⑥ 9.1m - PIPE UNDERDRAINS 150mm
- ⑦ 13.9m - PIPE UNDERDRAINS 150mm
- ⑧ 22.1m - PIPE UNDERDRAINS 150mm
- ⑨ 16.9m - PIPE UNDERDRAINS 150mm
- ⑩ 3.2m - PIPE UNDERDRAINS (SPECIAL) 150mm
- ⑪ 16.6m - PIPE UNDERDRAINS (SPECIAL) 150mm
- ⑫ 151.0m - PIPE UNDERDRAINS 150mm
- ⑬ 191.5m - PIPE UNDERDRAINS 150mm
- ⑭ 13.2m - PIPE UNDERDRAINS (SPECIAL) 150mm
- ⑮ 13.2m - PIPE UNDERDRAINS (SPECIAL) 150mm
- ▲ CONCRETE HEADWALL FOR PIPE DRAINS STATION 20+809.5, 9.85 LT

XXX		M6021410	MX602310	X0504200							
STR. NUM.	STATION	OFFSET (m)	MH A 1.2M D TIF & CL EACH	CB 1.2X0.9 T20F&G EACH	CONCRETE HEADWALL EACH	SLIP-ON CK VALVE 375 EACH	RIM ELEV.	SE	NW	SW	NE
100	20+792.50	14.29 RT		1			183.940				182.683
101	20+792.00	7.20 RT	1				184.011		182.654	182.654	
102	20+767.00	7.20 RT		1			184.003	182.629			
103	20+777.00	7.20 RT		1			183.995	182.583	182.583		182.583
104	20+787.00	7.20 LT		1			184.002		182.563		
105	20+702.00	7.20 LT		1			184.278	182.950			
106	20+767.00	7.20 LT		1			184.003	182.563	182.563		
107	20+777.00	7.20 LT		1			183.995	182.517	182.517	182.517	182.517
*108	20+777.00	11.20 LT			1	1					182.500
		TOTAL	1	7	1	1					

\* FOR HEADWALL DETAILS SEE "DRAINAGE DETAILS I CONCRETE HEADWALL"

XXX				
PIPE NUM.	M5503050 SS 2 RCP CL 3 300	M5503060 SS 2 RCP CL 3 375	PIPE SLOPE (%)	M2080150 TRENCH BACKFILL (CU M.)
100	5.8		0.50%	2
101	14.1		0.50%	5
102	9.1		0.50%	3
103	13.2		0.50%	5
104	9.1		0.50%	4
105	63.9		0.61%	21
106	9.1		0.50%	4
107		3.4	0.50%	
TOTAL	124.3	3.4		44

- ### DRAINAGE LEGEND
- XXX PROPOSED DRAINAGE STRUCTURE
  - XXX PROPOSED STORM SEWER
  - X PROPOSED PIPE UNDERDRAINS
  - ▲ PROPOSED CONCRETE HEADWALL FOR PIPE DRAINS
  - ▣ PROPOSED RIPRAP, CLASS 4A
  - PROPOSED DR STR T1 SP 2T20F&G
  - PROPOSED CATCH BASIN
  - PROPOSED MANHOLE
  - ◄ PROPOSED END SECTION



REVISIONS	
NAME	DATE

**DU-25**

ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-94 EASTBOUND / IL 394 SOUTHBOUND

PROPOSED DRAINAGE PLAN  
IL-94 EB

DATE: JULY 18, 2005

DRAWN BY: AAS  
CHECKED BY: RCH

**McDonough Associates Inc.**  
Engineers / Architects