NORTHBOUND I-155 SHOULDER PIPE UNDERDRAINS 4"

NORTHBOUND I-155 MEDIAN PIPE UNDERDRAINS 6"

2.917 6" PUD Constant Depth U/S

8+57.97

11+06.70

16+47 08

21+64.52

21+70.52

25+15.58

26+04.49

35+88.02

2.75 4" PUD Constant Depth U/S

SOUTHBOUND I-155 SHOULDER PIPE UNDERDRAINS 4"

5+30.15

8+65.02

11+13 72

16+54.09

23+20.00

23+30.00

29+90.08

30+09.92

TOTAL

TOTAL

5+25 29

8+65.38

11+13.99

16+54.07

TOTAL

30+10.15 35+87.94

2.75 4" PUD Constant Depth U/S

U/S Station	D/S Station	PUD Length	PUD Grade	U/S Inv. Elev	D/S Inv. Elev
5+37.42	8+95.50	358	0.56	750.90	744.89
9+02.51	11+95.50	293	1.70	744.77	739.68
12+02.52	13+77.70	175	1.70	739.80	736.73
16+69.04	21+64.52	495	1.70	731.75	726.62
24+88.62	21+70.52	318	0.40	727.60	726.33
29+90.15	25+25.15	465	0.40	727.83	725.97
30+09.85	35+88.03	578	0.20	727.82	726.64
TOTAL		2682			

U/S Station D/S Station PUD Length PUD Grade % U/S Inv. Elev D/S Inv. Elev

0.56

1.70

1 70

1.70

0.40

0.40

0.40

0.20

0.61

751.06

745.47

741 26

732.06

726.91

726.95

728.77

728.76

728.92

725.39

745.61

741.38

732 18

726.46

726.32

726.20

727.23

727.58

328

242

533

510

149

186

386

578

2912

578

2685

NORTHBOUND I-155 SHOULDER PIPE UNDERDRAINS 4" (SPECIAL)

Station	PUD Length	PUD Slope	U/S Inv. Elev	D/S (HW) Inv. Elev	HW
8+95.50	24.22	2%	744.89	744.40	1
11+95.50	61.79	2%	739.68	738.44	1
13+77.70	19.77	2%	736.73	736.33	1
					1
					same as above
25+25.15	37.52	1.14%	725.97	725.54	1
35+88.03	31.63	2%	726.64	726.00	1
TOTAL	175				6

NORTHBOUND I-155 MEDIAN PIPE UNDERDRAINS 6" (SPECIAL)

Station	PUD Spl Len	PUD Slope	U/S Inv. Elev	D/S Inv. Elev
8+57.97	22.19	2%	745.61	745.16
11+06.70	22.96	2%	741.38	740.92
16+47.08	22.75	2%	732.18	731.72
21+64.52	69.48	1.09%	726.46	725.70
21+70.52	69.48	0.89%	726.32	725.70
25+15.58	23.24	0.86%	726.20	726.00
26+04.49	21.08	2%	727.23	726.80
35+88.02	16.45	2%	727.58	727.25
TOTAL	268			

SOUTHBOUND I-155 SHOULDER PIPE UNDERDRAINS 4" (SPECIAL)

RAMP E (I-155) PIPE UNDERDRAINS 4" 2.75 4" PUD Constant Depth U/S

U/S Station	D/S Station	PUD Length	PUD Grade	U/S Inv. Elev	D/S Inv. Elev
208+94.98	204+04.50	490	1.73	736.90	735.82
209+05.02	213+96.97	492	0.42	737.87	735.82
217+97.50	214+03.03	394	1.40	736.09	731.74
TOTAL		1376			

LEFT SIDE RAMP F (I-155) PIPE UNDERDRAINS 4"

2.75 4" PUD Constant Depth U/S

U/S Station	D/S Station	PUD Length	PUD Grade	U/S Inv. Elev	D/S Inv. Elev
313+80.11	317+00.00	320	0.40%	732.27	730.99
319+97.50	317+00.00	298	1.11%	734.72	731.41
324+00.00	320+04.50	396	1.11%	739.18	734.78
TOTAL		1014			

RIGHT SIDE RAMP F (I-155) PIPE UNDERDRAINS 4"

2.75 4" PUD Constant Depth U/S

U/S Station	D/S Station	PUD Length	PUD Grade	U/S Inv. Elev	D/S Inv. Elev
311+05.00	315+97.00	492	0.45%	733.10	730.89
319+97.50	316+03.00	395	1.11%	734.72	730.34
323+97.50	320+04.50	393	1.11%	739.15	734.79
327+94.96	324+04.50	390	1.11%	741.49	737.16
328+05.04	332+95.46	490	1.11%	741.49	736.05
333+02.52	337+63.00	460	1.54%	741.15	734.07
TOTAL		2620			

Station	PUD Length	PUD Slope	U/S Inv. Elev	D/S (HW) Inv. Elev	HW						
8+95.53	24.19	2%	744.89	744.40	1	RAMP G (I-155) PIPE UNDERDRAINS 4"					
11+95.49	24.47	2%	739.79	739.30	1						
14+11.49	5.00	2%	736.12	736.00	1	2.75 4" PUD Constant Depth U/S					
					1						
					same as above	U/S Station	D/S Station	PUD Length	PUD Grade	U/S Inv. Elev	D/S Inv. Elev
26+61.39	31.52	1.42%	727.11	726.66	1	18+97.49	13+03.00	594	0.40%	726.75	724.37
35+87.94	29.75	2%	725.39	724.79	1	23+89.90	19+04.53	485	0.40%	728.47	726.53
TOTAL	115				6	24+10.10	29+50.00	540	0.42%	728.46	726.19
						32+97.49	29+53.00	344	0.42%	731.80	730.36
						39+33.16	33+04.53	629	2.83%	748.83	731.03

TOTAL

SOUTHBOUND I-155 MEDIAN PIPE UNDERDRAINS 6"

SOUTHBOUND MEDIAN BARRIER PIPE UNDERDRAINS 6"

2.917 6" PUD Constant Depth U/S

8+60 00

11+07.00

16+47.07

18+15.33

2.917 6" PUD Constant Depth U/S

U/S Station	D/S Station	BUD Longth	PUD Grade %	U/S Inv. Elev	D/S Inv. Elev
0/3 31411011	DISSIATION	FOD Lengui	FUD Glaue %	0/3 IIIV. Elev	D/S IIIV. Elev
5+13.08	8+58.00	345	1.70	751.25	745.59
8+64.99	11+07.00	242	1.70	745.49	741.36
11+13.99	16+47.07	533	1.70	741.26	732.18
16+54.07	21+64.51	510	1.70	732.06	726.46
23+45.00	21+69.51	175	0.40	726.99	726.29
23+55.00	25+34.75	180	0.40	727.02	726.30
29+89.95	26+04.50	385	0.40	728.79	727.25
30+10.05	35+88.02	578	0.61	728.79	725.85
TOATL		2948			

U/S Station D/S Station PUD Length PUD Grade % U/S Inv. Elev D/S Inv. Elev

1 70

1.70

1.70

1.70

751 11

745.46

743.59

728.27

744 34

740.00

730.82

727.93

335

242

533

161

1271

Station	PUD Spl Len	PUD Slope	U/S Inv. Elev	D/S Inv. Elev
8+58.00	13.80	2%	745.59	745.31
11+07.00	15.14	2%	741.36	741.05
16+47.07	15.87	2%	732.18	731.86
21+64.51	69.91	1.04%	726.46	725.73
21+69.51	69.91	0.80%	726.29	725.73
25+34.75	23.24	1.29%	726.30	726.00
26+04.50	21.02	2%	727.25	726.83
35+88.02	28.98	2%	725.85	725.27
TOTAL	258			

SOUTHBOUND MEDIAN BARRIER PIPE UNDERDRAINS 6" (SPECIAL)

[Station	PUD Spl Len	PUD Slope	U/S Inv. Elev	D/S Inv. Elev
	8+60.00	1.20	2%	744.34	744.31
	11+07.00	1.82	2%	740.00	739.96
	16+47.07	1.33	2%	730.82	730.79
Ì	18+15.33	14.09	2%	727.93	727.64
Ì	TOTAL	18			

LEFT SIDE RAMP H (I-155) PIPE UNDERDRAINS 4"

2.75 4" PUD Constant Depth U/S

U/S Station	D/S Station	PUD Length	PUD Grade	U/S Inv. Elev	D/S Inv. Elev
100+89.57	105+95.41	506	2.83%	749.62	735.30
106+02.49	109+95.41	393	2.83%	735.12	724.00
110+02.49	112+96.92	294	0.63%	726.95	725.10
117+00.00	113+03.08	397	0.63%	725.67	725.10
TOTAL		1590			

2592

RIGHT SIDE RAMP H (I-155) PIPE UNDERDRAINS 4"

2.75 4" PUD Constant Depth U/S

U/S Station	D/S Station	PUD Length	PUD Grade	U/S Inv. Elev	D/S Inv. Elev
122+97.18	117+02.00	595	0.63%	729.42	725.67
127+97.50	123+04.52	493	0.64%	732.58	729.42
TOTAL		1088			

PIPE UNDERDRAIN AND HEADWALL TOTAL THIS SHEET

ITEM	UNIT
PIPE UNDERDRAINS 4"	FOOT
PIPE UNDERDRAINS 4" (SPECIAL)	FOOT
PIPE UNDERDRAINS 6"	FOOT
PIPE UNDERDRAINS 6" (SPECIAL)	FOOT
CONCRETE HEADWALL FOR PIPE DRAINS	EACH

FILE NAME =	DESIGNED - EJA	REVISED -				I-155 PIPE UNDERDI
\D468620-sht-drain-schedule_06.dgn	DRAWN - TMB	REVISED -	benesch	STATE OF ILLINOIS		
USER NAME = tblank	CHECKED - JNR	REVISED -		DEPARTMENT OF TRANSPORTATION		AND HEADWALL SCH
PLOT DATE = 7/20/2012	DATE - JULY 20, 2012	REVISED -			SCALE: 1"=50'	SHEET NO. 6 OF 7 SHEETS ST

U/S Station	D/S Station	PUD Length	PUD Grade	U/S Inv. Elev	D/S Inv. Elev]	Station	PUD Length	PUD Slope	U/S Inv. Elev	D/S (HW) Inv. Elev	
5+05.68	8+95.53	390	0.56	751.25	744.89]	8+95.53	24.19	2%	744.89	744.40	
9+02.49	11+95.49	293	1.70	744.77	739.79		11+95.49	24.47	2%	739.79	739.30	
12+02.49	14+11.49	209	1.70	739.67	736.12	1	14+11.49	5.00	2%	736.12	736.00	
17+02.56	21+64.50	462	1.70	731.17	726.38	1						
25+95.49	21+70.50	425	0.40	727.54	725.84]						sa
29+89.85	26+61.39	328	0.40	728.42	727.11]	26+61.39	31.52	1.42%	727.11	726.66	

SOUTHBOUND	I-155 MEDIAN PI			
Station	PUD Sol Lon	DI ID Slope	11/S Inv Elov	D/S Inv Elov

Elev	Station	PUD Spl Len	PUD Slope	U/S Inv. Elev	D/S Inv. E
9	8+58.00	13.80	2%	745.59	745.31
6	11+07.00	15.14	2%	741.36	741.05
8	16+47.07	15.87	2%	732.18	731.86
6	21+64.51	69.91	1.04%	726.46	725.73
9	21+69.51	69.91	0.80%	726.29	725.73

RAMP E (I-155) PIPE UNDERDRAINS 4" (SPECIAL)

Station	PUD Length	PUD Slope	U/S Inv. Elev	D/S (HW) Inv. Elev	HW
204+04.50	30.88	2%	735.82	735.20	1
213+96.97	24.87	2%	735.82	735.32	1
214+03.03	40.42	2%	731.74	730.93	1
TOTAL	96				3

LEFT SIDE RAMP F (I-155) PIPE UNDERDRAINS 4" (SPECIAL)

Station	PUD Length	PUD Slope	U/S Inv. Elev	D/S (HW) Inv. Elev	HW
317+00.00	34.44	2%	730.99	730.38	1
317+00.00	31.26	2%	731.41	730.78	same as above
320+04.50	26.98	2%	734.78	734.24	1
TOTAL	93				2

RIGHT SIDE RAMP F (I-155) PIPE UNDERDRAINS 4" (SPECIAL)

Station	PUD Length	PUD Slope	U/S Inv. Elev	D/S (HW) Inv. Elev	HW
315+97.00	33.03	2%	730.89	730.23	1
316+03.00	36.79	2%	730.34	729.60	same as above
320+04.50	26.98	2%	734.79	734.24	1
324+04.50	34.92	2%	737.16	736.46	1
332+95.46	33.76	2%	736.05	735.37	1
337+63.00	35.58	2%	734.07	733.35	1
TOTAL	201				5

RAMP G (I-155) PIPE UNDERDRAINS 4" (SPECIAL)

Station	PUD Length	PUD Slope	U/S Inv. Elev	D/S (HW) Inv. Elev	HW
13+03.00	24.87	2%	724.37	723.98	1
19+04.53	20.36	2%	726.53	726.12	1
29+50.00	24.38	2%	726.19	725.70	1
29+53.00	24.38	2%	730.36	725.70	same as above
33+04.53	21.77	2%	731.03	730.59	1
TOTAL	116				4

LEFT SIDE RAMP H (I-155) PIPE UNDERDRAINS 4" (SPECIAL)

Station	PUD Length	PUD Slope	U/S Inv. Elev	D/S (HW) Inv. Elev	HW
105+95.41	26.22	2%	735.30	734.77	1
109+95.41	55.43	2%	724.00	722.89	1
112+96.92	27.01	2%	725.10	724.56	1
113+03.08	27.01	2%	725.10	724.56	same as above
TOTAL	136				3

RIGHT SIDE RAMP H (I-155) PIPE UNDERDRAINS 4" (SPECIAL)

	·				
Station	PUD Length	PUD Slope	U/S Inv. Elev	D/S (HW) Inv. Elev	HW
117+02.00	24.93	2%	725.67	725.19	1
123+04.52	24.26	2%	729.42	728.93	1
TOTAL	49				2

NOTE

TOTAL 15,647 981 7,131 544 31

- 1. CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING UNDERDRAIN SPECIAL CONNECTIONS TO PIPE OR STRUCTURES BY CORING OR PRECAST OPENINGS. THIS SHALL BE INCIDENTAL TO THE COST OF UNDERDRAIN SPECIAL.
- 2. REFER TO DRAINAGE PLANS FOR DIRECTION OF FLOW AND DOWNSTREAM (DS) LOCATION.

RDRAIN SCHEDULE		F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
		•	90-[14R;(14HB-4,14,14HVB)BR]	TAZEWELL	2433	168		
				CONTRACT	NO. 6	8620		
	STA.	TO STA.	ILLINOIS FED. AID PROJECT					