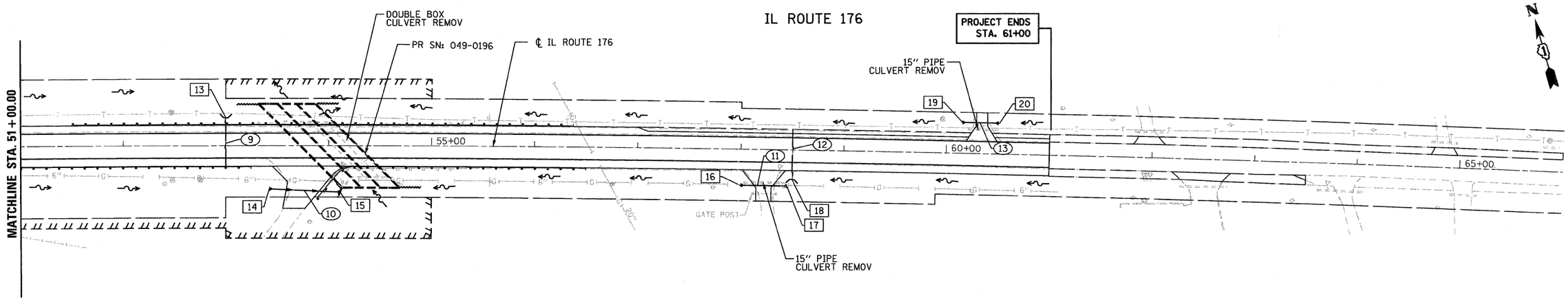
STRUCTURE TABLE										
NO.	STATION	OFFSET	TYPE	FRAME	FST	RIM	N. INV.	E. INV.	S. INV.	W. INV.
13	53+00	30.5' LT	HWPD	--		--	750.15			
14	53+42	42.0' RT	FES 15	--		--		746.04		
15	54+11.5	45.0' RT	WWALL	--		--				744.47
16	58+00	35.0' RT	FES 15	--		--		749.00		
17	58+45	35.0' RT	FES 15	--		--				749.23
18	58+50	32.0' RT	HWPD	--		--			749.75	
19	60+15	30.0' LT	FES 15	--		--		750.65		
20	60+50	30.0' LT	FES 15	--		--				751.00

PIPE TABLE											
NO.	TYPE	UPSTREAM STATION		DOWNSTREAM STATION		MAT.	SIZE	SLOPE	LIN. FT.	TBF CYD.
9	UDR	53+00	20.0 RT	53+00	30.5 LT	PVC	4"	1.00%	47'	--
10	PC-T1-D	53+42	42.0 RT	54+12	45.0 RT	RCP	15"	2.26%	63'	13
11	PC-T1-D	58+45	35.0 RT	58+00	35.0 RT	RCP	15"	0.51%	33'	5
12	UDR	58+50	20.0 LT	58+50	32.0 RT	PVC	4"	1.00%	49'	--
13	PC-T1-D	60+50	30.0 LT	60+15	30.0 LT	RCP	15"	1.00%	23'	2

ABBREVIATIONS

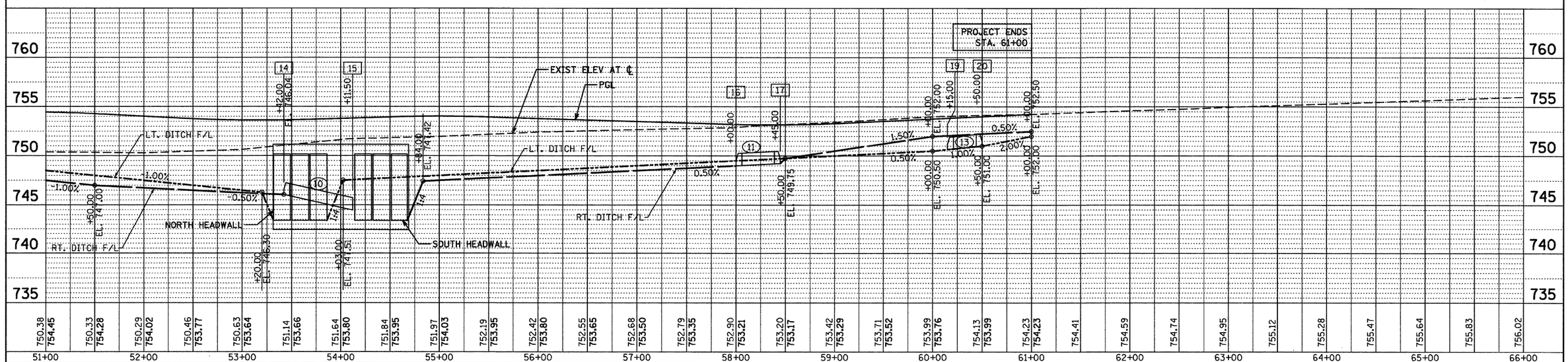
INL-A	INLET, TYPE A
MH-A#	MANHOLES, TYPE A, #' DIA
FES 15	PRECAST REINFORCED CONCRETE FLARED END SECTION, 15"
HWPD	CONCRETE HEADWALL FOR PIPE DRAIN
ES BOX	PRECAST BOX CULVERT END SECTION, FOR 3'x2' BOX CULVERTS
WWALL	PIPE OUTLETS THROUGH WING WALL
RWALL	PIPE OUTLETS THROUGH RETAINING WALL
1-OL	FRAMES & LIDS, TYPE 1, OPEN LID
FST	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
RCP	PRECAST REINFORCED CONCRETE PIPE
PVC	PERFORATED POLYVINYL CHLORIDE PIPE
BOX	PRECAST CONCRETE BOX CULVERT, 3'x2'
SS-T1-A	STORM SEWER, TYPE 1, CLASS A
PC-T1-D	PIPE CULVERT, TYPE 1, CLASS D
UDR	PIPE UNDERDRAIN
TBF	TRENCH BACKFILL



STORM SEWER KEY

10 DRAINAGE STRUCTURE NUMBER

(10) STORM SEWER NUMBER



FILE NAME = ...\D162187-sht-drain_02.dgn	DESIGNED NWS	REVISED -	
Primera	DRAWN NWS	REVISED -	
	CHECKED RJD	REVISED -	
	DATE 9/14/2011	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 176 (SLOCUM LAKE ROAD) OVER BANGS LAKE DRAINAGE DITCH
EXISTING & PROPOSED DRAINAGE AND UTILITIES
PLAN AND PROFILE

SCALE: 1"=50' | SHEET NO. 2 OF 2 SHEETS | STA. 51+00 TO STA. 61+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
335	145 X-T	LAKE	80	22

CONTRACT NO. 62187

ILLINOIS FED. AID PROJECT