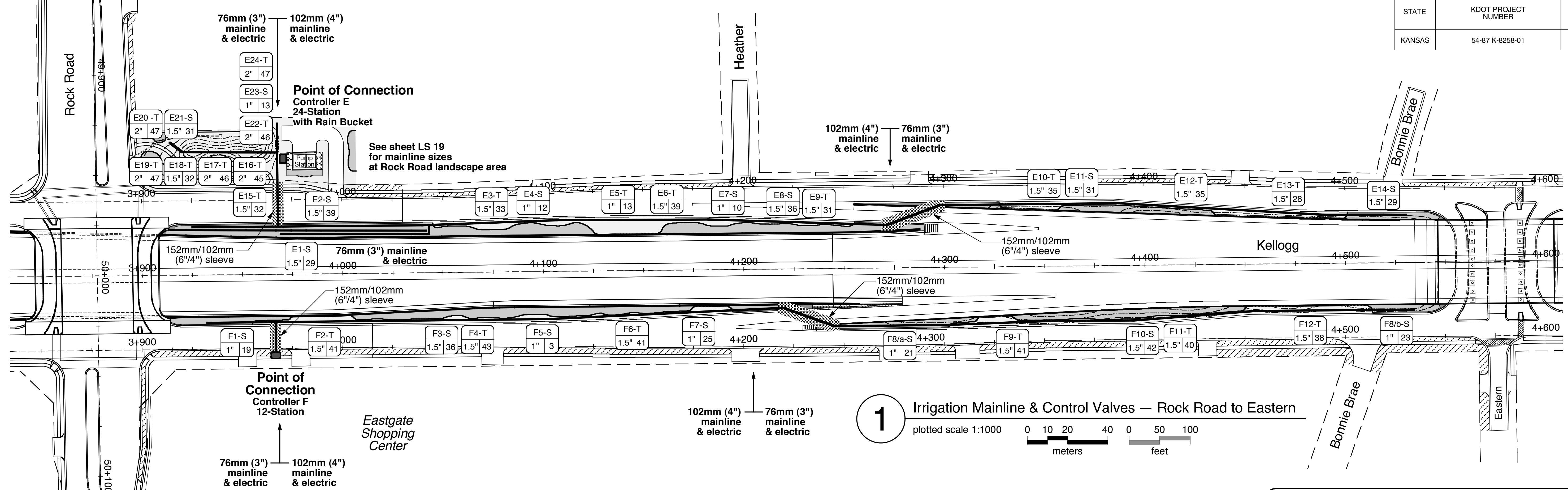


STATE	KDOT PROJECT NUMBER	YEAR	SHEET NUMBER	TOTAL SHEETS
KANSAS	54-87 K-8258-01	2007	318	556
			LS-13	



1 Irrigation Mainline & Control Valves — Rock Road to Eastern
 plotted scale 1:1000
 0 10 20 40 0 50 100
 meters feet

NOTE:
 Irrigation system east of Eastern
 to be installed as part of future project.

Control Valve Schedule — Section E
 Controller E: 24-Station

Zone	Tandem	Shrub or Turf	Head Type	Valve Size	Flow Rate
1	—	S	popup	1.5"	29 gpm
2	—	S	popup	1.5"	39 gpm
3	—	T	popup	1.5"	33 gpm
4	—	S	rotary	1"	12 gpm
5	—	T	rotary	1"	13 gpm
6	—	T	popup	1.5"	39 gpm
7	—	S	rotary	1"	10 gpm
8	—	S	popup	1.5"	36 gpm
9	—	T	popup	1.5"	31 gpm
10	—	T	popup	1.5"	35 gpm
11	—	S	popup	1.5"	31 gpm
12	—	T	popup	1.5"	35 gpm
13	—	T	popup	1.5"	28 gpm
14	—	S	popup	1.5"	29 gpm
15	—	T	popup	1.5"	32 gpm
16	—	T	popup	1.5"	34 gpm
17	—	T	rotary	2"	46 gpm
18	—	T	popup	1.5"	32 gpm
19	—	T	popup	2"	48 gpm
20	—	T	popup	2"	47 gpm
21	—	S	popup	1.5"	31 gpm
22	—	T	popup	2"	46 gpm
23	—	S	popup	1"	13 gpm
24	—	T	popup	2"	47 gpm

Total Valves for Section E: 24

Control Valve Schedule — Section F
 Controller F: 12-Station

Zone	Tandem	Shrub or Turf	Head Type	Valve Size	Flow Rate
1	—	S	popup	1"	19 gpm
2	—	T	popup	1.5"	41 gpm
3	—	S	popup	1.5"	36 gpm
4	—	T	popup	1.5"	43 gpm
5	—	S	rotary	1"	3 gpm
6	—	T	popup	1.5"	41 gpm
7	—	S	popup	1"	25 gpm
8a	1	S	popup	1"	21 gpm
8b	1	S	popup	1"	23 gpm
9	—	T	popup	1.5"	41 gpm
10	—	S	popup	1.5"	42 gpm
11	—	T	popup	1.5"	40 gpm
12	—	T	popup	1.5"	38 gpm

Total Valves for Section F: 13 (1 Tandem Pair)

- NOTES:**
- In case of a discrepancy between the Valve Schedules and the Plan, the Plan shall govern.
 - Quantities indicated on Schedules are provided for information only. Contractor shall provide their own quantity survey, and include all materials and incidental supplies required for a complete project, bid as a lump sum to the Owner.

Valve Notes Key

Controller Zone / Tandem # Turf or Shrub	
Valve Size	Gallons per Minute

Details Key

Sleeving — 2 / LS21

CHECKED BY: DWF
 DATE: 10/04/06

Drawn by: DJF
 Plotted: 10/06/06
 File: 03001_kellogg/rock SCALE: 1:1000