



**DRAINAGE STRUCTURES**

	Control Point Station	Control Point Offset	Control Point Elevation	Bottom of Bottom Slab Elevation
E1	28+43.72	13.71' Lt.	592.17	589.00
E2	28+48.77	15.92' Rt.	591.35	588.18
E3	29+08.19	7.00' Rt.	588.86	585.69
E4	29+86.00	7.00' Rt.	587.19	584.69

**EAST APPROACH DRAINAGE PLAN**

**BILL OF MATERIAL  
FOUR STRUCTURES**

Bar	No.	Size	Length	Shape
h <sub>7</sub> (E)	80	#5	2'-8"	—
h <sub>8</sub> (E)	16	#4	1'-6"	—
h <sub>9</sub> (E)	28	#4	1'-6"	—
t <sub>3</sub> (E)	16	#5	2'-8"	—
v <sub>10</sub> (E)	48	#4	2'-1"	—
w <sub>4</sub> (E)	16	#5	2'-10"	—
Reinforcement Bars, Epoxy Coated			Pound	430
Concrete Structures			Cu. Yd.	2.4
Pipe Drains, 6"			Foot	169
Frame and Grate Type 20			Each	4

Notes:  
See sheet 38 of 46 for Drainage Structure Details.  
See sheet 38 of 46 for Bar Bend Details.