

PennMar Truck & Rail Design Basis	Volume (Based on maximum production of 60 mmgpy ethanol)					Projected Traffic			Maximum Design Case (100% by either RR or Truck)		
	Yearly	Weekly (50wks)	Daily (5.5day/wk)	RR Car	Truck	Weekly		Daily (5.5 day/wk)	Weekly		Daily (5.5 day/wk)
						RR	Truck	Truck	RR	Truck	Truck
Corn	21,400,000 bu	428,000 bu	77,818 bu	4,000 bu	900bu	80	119	22	107	476	86
						321,000 bu	107,000 bu	19,455 bu	428,000 bu	428,000 bu	
						428,000 bu					
Ethanol	60,000,000 gal	1,200,000 gal	218,182 gal	30,000 gal	8,000 gal	8	120	22	40	150	27
						240,000 gal	960,000 gal	174,545 gal	1,200,000 gal	1,200,000 gal	
						1,200,000 gal					
DDGS	192,000 tons	3,840 tons	698 tons	100 tons	20 tons	4	173	31	38	192	35
						384 tons	3,456 tons	628 tons	3,840 tons	3,840 tons	
						3,840 tons					
CO2	125,000 tons	2,500 tons	455 tons	75 tons	20 tons	1	120	22	33	125	23
						100 tons	2,400 tons	436 tons	2,500 tons	2,500 tons	
						2,500 tons					
Gasoline	3,000,000 gal	60,000 gal	10,909 gal	n/a	9,000 gal	n/a	7	1	n/a	7	1
							60,000 gal	10,909 gal	60,000 gal		
						60,000 gal					
Enzymes/supplies						n/a	7	1	n/a	7	1
Totals	--	--	--	--	--	93	545	99	219	956	174

99 x 2 = 198 TRUCK TRIP ENDS