Appendix D: Fixed-Route Model

TRANSPORTATION
CONSULTANTS, INC.

APPENDIX D
Fixed-Route Model

FIXED-ROUTE DEMAND MODEL

The fixed-route demand model has been developed to evaluate scheduled service alternatives for the PanTran service area. The model utilizes data from other communities that are applicable in the Eastern Panhandle Region.

Approach

The fixed-route demand model incorporates the factors for household vehicle ownership, average walking distance to bus stops, distance traveled on the bus, and frequency of service (headways). The basic approach is described in the *Demand Estimating Model for Transit Route and System Planning in Small Urban Areas, 1979, page 730* by the Transportation Research Board. The ridership model was calibrated to adjust for the demographic conditions in the Eastern Panhandle Region.

The percentage of households with transit access is determined by the number of households within one quarter-mile of the scheduled transit service. For example, the US Census block groups located entirely within one quarter-mile of service show 100 percent transit access.

The following Tables D-1 thru D-7 present the results of the model for each of the system alternatives. The tables also present the results from the expansion of the alternatives. LSC first calibrated the model based on the existing ridership of 180 to 190 trips per day. In order to get the model to produce that level of trips, LSC needed to reduce the trip rates per transit household from 20 percent to 10 percent. This assumption was also used in the alternatives in order to maintain consistency.

Table D-1
PanTran Fixed-Route Demand Model - Status Quo

Census Tract	Block Group	Location	Total # of Hhlds 2000	Number of Households 0 Auto	Number of Households 1 Auto	% of Hhlds with Transit Access	Hhlds Served by Transit 0 Auto	Hhlds Served by Transit 1 Auto	Basic Transit Trip Rates 0 Auto	Basic Transit Trip Rates 1 Auto	Walk Distance (ft)	Walk Factor 0 Auto	Walk Factor 1 Auto	Headway (min)	Headway Factor 0 Auto	Headway Factor 1 Auto	Daily Transit Trips 0 Auto	Daily Transit Trips 1 Auto	Daily Trip TOTAL
971100	1	N of I-81 & S of Hagerstown	637	35	167	0%	0	0	0.10	0.01	38,500	0.03	0.04	120	0.55	0.70	0	0	0
971100	2	Northern end of Berkeley County boundary	553	28	94	0%	0	0	0.10	0.01	29,000	0.10	0.13	120	0.55	0.70	0	0	0
971100	3	W along I-81 in the northern portion of Berkeley County	1,409	24	377	2%	0	8	0.10	0.01	7,000	0.20	0.25	120	0.55	0.70	0	0	0
971100	4	E of I-81 in the northern portion of Berkeley County	518	50	155	0%	0	0	0.10	0.01	31,400	0.03	0.04	120	0.55	0.70	0	0	0
971100	5	E of I-81 & N of Scrabble Road	419	9	134	0%	0	0	0.10	0.01	13,800	0.10	0.13	120	0.55	0.70	0	0	0
971200	1	N of James Rumsey Vo-Tech Center	248	0	52	15%	0	8	0.10	0.01	11,600	0.10	0.13	120	0.55	0.70	0	0	0
971200	2	Town of Hedgesville	459	11	140	5%	1	7	0.10	0.01	7,600	0.20	0.25	120	0.55	0.70	0	0	0
971200	3	N of Hwy 9 of Berkeley County boundary	520	9	142	0%	0	0	0.10	0.01	22,600	0.10	0.13	120	0.55	0.70	0	0	0
971200	4	W of Berkeley County boundary & S of Hwy 9	823	38	223	0%	0	0	0.10	0.01	30,900	0.03	0.04	120	0.55	0.70	0	0	0
971200	5	South of Hwy 9 & central Berkeley County	551	66	118	0%	0	0	0.10	0.01	16,000	0.10	0.13	120	0.55	0.70	0	0	0
971200	6	S of James Rumsey Vo-Tech Center & W of I-81	1,236	9	324	45%	4	146	0.10	0.01	2,600	0.40	0.50	120	0.55	0.70	0	1	1
971300	1	E of I-81 & North of the Cottages of Martinsburg	1,201	66	322	50%	33	161	0.10	0.01	1,600	0.75	1.00	120	0.55	0.70	1	1	2
971300	2	Northern portion of the City of Martinsburg	1,643	221	761	85%	188	647	0.10	0.01	900	1.10	1.15	120	0.55	0.70	11	5	17
971400	1	E Berkeley County	441	9	150	2%	0	3	0.10	0.01	6,700	0.20	0.25	120	0.55	0.70	0	0	0
971400	2	N of Hwy 45, S of the Cottages of Martinsburg	982	39	454	100%	39	454	0.10	0.01	1,900	0.75	1.00	120	0.55	0.70	2	3	5
971400	3	S of Hwy 45 & E of City of Martinsburg	607	14	177	100%	14	177	0.10	0.01	1,400	1.00	1.10	120	0.55	0.70	1	1	2
971400	4	E Berkeley County along Hwy 45	562	25	157	80%	20	126	0.10	0.01	2,500	0.40	0.50	120	0.55	0.70	0	0	1
971500	1	E of North Queen St, Woodbury Corners	404	40	210	100%	40	210	0.10	0.01	500	1.10	1.15	120	0.55	0.70	2	2	4
971500	2	S of Hwy 45 & S of intersection of Penn Ave and High St	459	39	138	100%	39	138	0.10	0.01	500	1.10	1.15	120	0.55	0.70	2	1	3
971500	3	E of North Queen St, Caperton Train Station	299	65	138	100%	65	138	0.10	0.01	500	1.10	1.15	120	0.55	0.70	4	1	5
971500	4	SE City of Martinsburg, Senior Towers	428	140	117	100%	140	117	0.10	0.01	500	1.10	1.15	120	0.55	0.70	8	1	9
971600	1	W of N Queen St, southern portion of the City of Martinsburg	408	102	199	100%	102	199	0.10	0.01	500	1.10	1.15	120	0.55	0.70	6	2	8
971600	2	E of I-81 & SE of City Hospital	611	33	232	100%	33	232	0.10	0.01	600	1.10	1.15	120	0.55	0.70	2	2	4
971600	3	E of I-81 & N of West King St	323	8	117	100%	8	117	0.10	0.01	500	1.10	1.15	120	0.55	0.70	0	1	1
971600	4	N of West King St, S of West Race St	302	69	92	100%	69	92	0.10	0.01	500	1.10	1.15	120	0.55	0.70	4	1	5
971600	5	S of West Race St & W of Caperton Train Station	324	58	197	100%	58	197	0.10	0.01	500	1.10	1.15	120	0.55	0.70	4	2	5
971700	1	S of West King St, Stonewall Haven, W of Hwy 9	311	118	141	100%	118	141	0.10	0.01	500	1.10	1.15	120	0.55	0.70	7	1	8
971700	2	S of West King St, N of Addition St, along Winchester Ave	260	64	129	100%	64	129	0.10	0.01	500	1.10	1.15	120	0.55	0.70	4	1	5
971700	3	S of West King St, E of Wal-Mart	300	21	131	100%	21	131	0.10	0.01	500	1.10	1.15	120	0.55	0.70	1	1	2
971700	4	E of I-81, Martinsburg Mall	653	155	252	100%	155	252	0.10	0.01	900	1.10	1.15	120	0.55	0.70	9	2	11
971700	5	E of US Hwy 11, S of Advance Auto	351	77	176	100%	77	176	0.10	0.01	500	1.10	1.15	120	0.55	0.70	5	1	6
971700	6	S of Berry St along US Hwy 11	301	79	97	100%	79	97	0.10	0.01	500	1.10	1.15	120	0.55	0.70	5	1	6
971700	7	N of Hwy 45, S of Jefferson St	295	18	125	100%	18	125	0.10	0.01	500	1.10	1.15	120	0.55	0.70	1	1	2
971800	1	W Berkeley County, Sleepy Creek Lake	748	0	170	0%	0	0	0.10	0.01	19,000	0.10	0.13	120	0.55	0.70	0	0	0
971800	2	W Berkeley County	995	18	282	0%	0	0	0.10	0.01	26,200	0.10	0.13	120	0.55	0.70	0	0	0
971800	3	SW Berkeley County	585	22	134	0%	0	0	0.10	0.01	13,300	0.10	0.13	120	0.55	0.70	0	0	0
971900	1	E of I-81, Kmart along US Hwy 11	198	0	96	0%	0	0	0.10	0.01	800	1.10	1.15	120	0.55	0.70	0	0	0
971900	2	W of I-81, E of County Rd 30	722	22	220	15%	3	33	0.10	0.01	4,000	0.40	0.50	120	0.55	0.70	0	0	0
971900	3	E of I-81, W of US Hwy 11	524	5	155	100%	5	155	0.10	0.01	500	1.10	1.15	120	0.55	0.70	0	1	2
971900	4	E of I-81, S of County Rd 32	798	17	167	70%	12	117	0.10	0.01	3,600	0.40	0.50	120	0.55	0.70	0	0	1
972000	1	E Berkeley County, Martinsburg VA Medical Center	834	29	336	80%	23	269	0.10	0.01	700	1.10	1.15	120	0.55	0.70	1	2	4
972000	2	SE City of Martinsburg along Hwy 9	800	53	313	100%	53	313	0.10	0.01	1,000	1.00	1.10	120	0.55	0.70	3	2	5
972000	3	Eastern WV Regional Airport	822	18	192	35%	6	67	0.10	0.01	3,600	0.40	0.50	120	0.55	0.70	0	0	0
972100	1	N of County Rd 26, Mussleman South Berkeley Public Library	838	22	247	5%	1	12	0.10	0.01	7,700	0.20	0.25	120	0.55	0.70	0	0	0
972100	2	E of I-81, South of County Rd 11	869	38	313	90%	34	282	0.10	0.01	850	1.10	1.15	120	0.55	0.70	2	2	4
972100	3	W of I-81, W of Inwood town	678	16	180	15%	2	27	0.10	0.01	2,500	0.40	0.50	120	0.55	0.70	0	0	0
972100	4	E of I-81, N of Specks Run Rd	617	17	100	5%	1	5	0.10	0.01	1,500	0.75	1.00	120	0.55	0.70	0	0	0
972100	5	W of I-81, James Pettigrew CSA Monument	703	48	185	0%	0	0	0.10	0.01	20,000	0.10	0.13	120	0.55	0.70	0	0	0
TOTAL: BERKELEY COUNTY			29,569	2,064	9,528		1,526	5,507											130
972200	1	N Jefferson County, N of Hwy 480	1,080	74	309	45%	33	139	0.10	0.01	1,500	0.75	1.00	120	0.55	0.70	1	1	2
972200	2	S of Hwy 480	674	30	193	15%	5	29	0.10	0.01	3,600	0.40	0.50	120	0.55	0.70	0	0	0
972200	3	Town of Shepherdstown, Shepherd College	302	24	134	100%	24	134	0.10	0.01	500	1.10	1.15	120	0.55	0.70	1	1	3
972200	4	NE Jefferson County boundary	782	30	163	2%	1	3	0.10	0.01	3,000	0.40	0.50	120	0.55	0.70	0	0	0
972300	1	Intersection of Hwy 480 and Hwy 9	240	30	22	95%	29	21	0.10	0.01	500	1.10	1.15	120	0.55	0.70	2	0	2
972300	2	W Jefferson County, S of Hwy 9	609	37	155	15%	6	23	0.10	0.01	1,200	1.00	1.10	120	0.55	0.70	0	0	0
972300	3	W Jefferson County, Technical Information Services	597	26	111	0%	0	0	0.10	0.01	19,000	0.10	0.13	120	0.55	0.70	0	0	0
972400	1	Central Jefferson County, E Hwy 9	505	26	215	95%	25	204	0.10	0.01	700	1.10	1.15	120	0.55	0.70	1	2	3
972400	2	Central Jefferson County, W Hwy 9	678	98	198	55%	54	109	0.10	0.01	1,500	0.75	1.00	120	0.55	0.70	2	1	3
972400	3	Central Jefferson County, SW Corporation of Ranson Town	276	26	94	100%	26	94	0.10	0.01	700	1.10	1.15	120	0.55	0.70	2	1	2
972400	4	N Corporation of Ranson Town	298	56	91	100%	56	91	0.10	0.01	500	1.10	1.15	120	0.55	0.70	3	1	4
972400	5	S Corporation of Ranson Town, Jefferson Memorial Hospital	420	65	172	100%	65	172	0.10	0.01	700	1.10	1.15	120	0.55	0.70	4	1	5
972500	1	E of Hwy 9, N of County Rd 26	660	69	252	95%	66	239	0.10	0.01	800	1.10	1.15	120	0.55	0.70	4	2	6
972500	2	W of Charles Town city, W of Saint Augustine Ave	843	24	167	15%	4	25	0.10	0.01	5,800	0.20	0.25	120	0.55	0.70	0	0	0
972500	3	Central Jefferson County, N of US Hwy 340	430	44	170	100%	44	170	0.10	0.01	500	1.10	1.15	120	0.55	0.70	3	1	4
972500	4	W of Charles Town city, S of East Washington St	256	29	122	100%	29	122	0.10	0.01	500	1.10	1.15	120	0.55	0.70	2	1	3
972500	5	S of East Washington St, Charles Town City Hall	515	56	180	100%	56	180	0.10	0.01	500	1.10	1.15	120	0.55	0.70	3	1	5
972500	6	E of Charles Town city	478	45	230	80%	36	184	0.10	0.01	800	1.10	1.15	120	0.55	0.70	2	1	4
972500	7	SE central Jefferson County, S of Hwy 9	454	52	77	15%	8	12	0.10	0.01	5,800	0.20	0.25	120	0.55	0.70	0	0	0
972600	1	E Jefferson County, N of County Rd 29	428	9	55	2%	0	1	0.10	0.01	7,200	0.20	0.25	120	0.55	0.70	0	0	0
972600	2	N of US Hwy 340, Harpers Ferry Library	435	31	92	65%	20	60	0.10	0.01	3,000	0.40	0.50	120	0.55	0.70	0	0	1
972600	3	Town of Bolivar, Bolivar-Harpers Ferry Library	658	66	228	100%	66	228	0.10	0.01	500	1.10	1.15	120	0.55	0.70	4	2	6
972600	4	E central Jefferson County, S of US Hwy 340	277	21	72	50%	11	36	0.10	0.01	4,600	0.40	0.50	120	0.55	0.70	0	0	0
972700	1	S of Harpers Ferry NHP	485	28	117	50%	14	59	0.10	0.01	6,700	0.20	0.25	120	0.55	0.70	0	0	0
972700	2	E Jefferson County, E of Bakerton St	365	20	82	0%	0	0	0.10	0.01	10,000	0.10	0.13	120	0.55	0.70	0	0	0
972700	3	N of Hwy 9, E Jefferson County	245	14	137	0%	0	0	0.10	0.01	16,500	0.10	0.13	120	0.55	0.70	0	0	0
972700	4	S of Hwy 9, E Jefferson County	583	15	146	0%	0	0	0.10	0.01	21,000	0.10	0.13	120	0.55	0.70	0	0	0
972700	5	S Jefferson County, N of Shenandoah River	370	0	142	0%	0	0	0.10	0.01	29,000	0.10	0.13	120	0.55	0.70	0	0	0
972700	6	S Jefferson County, E River Rd	375	0	89	0%	0	0	0.10	0.01	31,000	0.03	0.04	120	0.55	0.70	0	0	0
972800	1	W of US 340, S of Old Cave Rd	559	25	85	0%	0	0	0.10	0.01	11,900	0.10	0.13	120	0.55	0.70	0	0	0
972800	2	S Jefferson Public Library	845	12	178	0%	0	0	0.10	0.01	22,500	0.10	0.13	120	0.55	0.70	0	0	0
972800	3	E Jefferson County, S of Hwy 51	443	19	101	0%	0	0	0.10	0.01	25,000	0.10	0.13	120	0.55	0.70	0	0	0
TOTAL: JEFFERSON COUNTY			16,165	1,101	4,579		675	2,335											54
																	Estimated Weekday Ridership		183

Table D-2

PanTran Fixed-Route Demand Model - Alternative 1 - Restructure

Census Tract	Block Group	Location	Total # of Hhlds 2000	Number of Households 0 Auto	Number of Households 1 Auto	% of Hhlds with Transit Access	Hhlds Served by Transit 0 Auto	Hhlds Served by Transit 1 Auto	Basic Transit Trip Rates 0 Auto	Basic Transit Trip Rates 1 Auto	Walk Distance (ft)	Walk Factor 0 Auto	Walk Factor 1 Auto	Headway (min)	Headway Factor 0 Auto	Headway Factor 1 Auto	Daily Transit Trips 0 Auto	Daily Transit Trips 1 Auto	Daily Trip TOTAL
971100	1	N of I-81 & S of Hagerstown	637	35	167	0%	0	0	0.10	0.01	38,500	0.03	0.04	120	0.55	0.70	0	0	0
971100	2	Northern end of Berkeley County boundary	553	28	94	0%	0	0	0.10	0.01	29,000	0.10	0.13	120	0.55	0.70	0	0	0
971100	3	W along I-81 in the northern portion of Berkeley County	1,409	24	377	5%	1	19	0.10	0.01	7,000	0.20	0.25	90	0.60	0.75	0	0	0
971100	4	E of I-81 in the northern portion of Berkeley County	518	50	155	0%	0	0	0.10	0.01	31,400	0.03	0.04	120	0.55	0.70	0	0	0
971100	5	E of I-81 & N of Scrabble Road	419	9	134	0%	0	0	0.10	0.01	13,700	0.10	0.13	120	0.55	0.70	0	0	0
971200	1	N of James Rumsey Vo-Tech Center	248	0	52	15%	0	8	0.10	0.01	5,800	0.20	0.25	90	0.60	0.75	0	0	0
971200	2	Town of Hedgesville	459	11	140	5%	1	7	0.10	0.01	7,600	0.20	0.25	90	0.60	0.75	0	0	0
971200	3	N of Hwy 9 of Berkeley County boundary	520	9	142	0%	0	0	0.10	0.01	17,500	0.10	0.13	120	0.55	0.70	0	0	0
971200	4	W of Berkeley County boundary & S of Hwy 9	823	38	223	0%	0	0	0.10	0.01	25,500	0.10	0.13	120	0.55	0.70	0	0	0
971200	5	South of Hwy 9 & central Berkeley County	551	66	118	0%	0	0	0.10	0.01	14,900	0.10	0.13	120	0.55	0.70	0	0	0
971200	6	S of James Rumsey Vo-Tech Center & W of I-81	1,236	9	324	45%	4	146	0.10	0.01	2,600	0.40	0.50	60	0.60	0.85	0	1	1
971300	1	E of I-81 & North of the Cottages of Martinsburg	1,201	66	322	50%	33	161	0.10	0.01	650	1.10	1.15	60	0.60	0.85	2	2	4
971300	2	Northern portion of the City of Martinsburg	1,643	221	761	85%	188	647	0.10	0.01	900	1.10	1.15	60	0.60	0.85	12	6	19
971400	1	E Berkeley County	441	9	150	5%	0	8	0.10	0.01	6,700	0.20	0.25	120	0.55	0.70	0	0	0
971400	2	N of Hwy 45, S of the Cottages of Martinsburg	982	39	454	100%	39	454	0.10	0.01	1,500	0.75	1.00	60	0.60	0.85	2	4	6
971400	3	S of Hwy 45 & E of City of Martinsburg	607	14	177	100%	14	177	0.10	0.01	1,400	1.00	1.10	60	0.60	0.85	1	2	2
971400	4	E Berkeley County along Hwy 45	562	25	157	80%	20	126	0.10	0.01	2,500	0.40	0.50	120	0.55	0.70	0	0	1
971500	1	E of North Queen St, Woodbury Corners	404	40	210	100%	40	210	0.10	0.01	500	1.10	1.15	60	0.60	0.85	3	2	5
971500	2	S of Hwy 45 & S of intersection of Penn Ave and High St	459	39	138	100%	39	138	0.10	0.01	500	1.10	1.15	60	0.60	0.85	3	1	4
971500	3	E of North Queen St, Caperton Train Station	299	65	138	100%	65	138	0.10	0.01	500	1.10	1.15	60	0.60	0.85	4	1	6
971500	4	SE City of Martinsburg, Senior Towers	428	140	117	100%	140	117	0.10	0.01	500	1.10	1.15	90	0.60	0.75	9	1	10
971600	1	Martinsburg	408	102	199	100%	102	199	0.10	0.01	500	1.10	1.15	60	0.60	0.85	7	2	9
971600	2	E of I-81 & SE of City Hospital	611	33	232	100%	33	232	0.10	0.01	500	1.10	1.15	60	0.60	0.85	2	2	4
971600	3	E of I-81 & N of West King St	323	8	117	100%	8	117	0.10	0.01	500	1.10	1.15	60	0.60	0.85	1	1	2
971600	4	N of West King St, S of West Race St	302	69	92	100%	69	92	0.10	0.01	500	1.10	1.15	60	0.60	0.85	5	1	5
971600	5	S of West Race St & W of Caperton Train Station	324	58	197	100%	58	197	0.10	0.01	500	1.10	1.15	60	0.60	0.85	4	2	6
971700	1	S of West King St, Stonewall Haven, W of Hwy 9	311	118	141	100%	118	141	0.10	0.01	500	1.10	1.15	60	0.60	0.85	8	1	9
971700	2	S of W King St, N of Addition St, along Winchester Ave	260	64	129	100%	64	129	0.10	0.01	500	1.10	1.15	60	0.60	0.85	4	1	5
971700	3	S of West King St, E of Wal-Mart	300	21	131	100%	21	131	0.10	0.01	500	1.10	1.15	60	0.60	0.85	1	1	3
971700	4	E of I-81, Martinsburg Mall	653	155	252	100%	155	252	0.10	0.01	900	1.10	1.15	60	0.60	0.85	10	2	13
971700	5	E of US Hwy 11, S of Advance Auto	351	77	176	100%	77	176	0.10	0.01	500	1.10	1.15	60	0.60	0.85	5	2	7
971700	6	S of Berry St along US Hwy 11	301	79	97	100%	79	97	0.10	0.01	500	1.10	1.15	90	0.60	0.75	5	1	6
971700	7	N of Hwy 45, S of Jefferson St	295	18	125	100%	18	125	0.10	0.01	500	1.10	1.15	90	0.60	0.75	1	1	2
971800	1	W Berkeley County, Sleepy Creek Lake	748	0	170	0%	0	0	0.10	0.01	13,500	0.10	0.13	120	0.55	0.70	0	0	0
971800	2	W Berkeley County	995	18	282	0%	0	0	0.10	0.01	26,200	0.10	0.13	120	0.55	0.70	0	0	0
971800	3	SW Berkeley County	585	22	134	0%	0	0	0.10	0.01	13,300	0.10	0.13	120	0.55	0.70	0	0	0
971900	1	E of I-81, Kmart along US Hwy 11	198	0	96	100%	0	96	0.10	0.01	800	1.10	1.15	60	0.60	0.85	0	1	1
971900	2	W of I-81, E of County Rd 30	722	22	220	15%	3	33	0.10	0.01	2,500	0.40	0.50	60	0.60	0.85	0	0	0
971900	3	E of I-81, W of US Hwy 11	524	5	155	100%	5	155	0.10	0.01	500	1.10	1.15	120	0.55	0.70	0	1	2
971900	4	E of I-81, S of County Rd 32	798	17	167	70%	12	117	0.10	0.01	3,600	0.40	0.50	120	0.55	0.70	0	0	1
972000	1	E Berkeley County, Martinsburg VA Medical Center	834	29	336	80%	23	269	0.10	0.01	700	1.10	1.15	60	0.60	0.85	2	3	4
972000	2	SE City of Martinsburg along Hwy 9	800	53	313	100%	53	313	0.10	0.01	800	1.10	1.15	60	0.60	0.85	3	3	7
972000	3	Eastern WV Regional Airport	822	18	192	35%	6	67	0.10	0.01	3,600	0.40	0.50	120	0.55	0.70	0	0	0
972100	1	Library	838	22	247	5%	1	12	0.10	0.01	7,700	0.20	0.25	120	0.55	0.70	0	0	0
972100	2	E of I-81, South of County Rd 11	869	38	313	90%	34	282	0.10	0.01	850	1.10	1.15	120	0.55	0.70	2	2	4
972100	3	W of I-81, W of Inwood town	678	16	180	15%	2	27	0.10	0.01	2,500	0.40	0.50	120	0.55	0.70	0	0	0
972100	4	E of I-81, N of Specks Run Rd	617	17	100	5%	1	5	0.10	0.01	1,500	0.75	1.00	120	0.55	0.70	0	0	0
972100	5	W of I-81, James Pettigrew CSA Monument	703	48	185	0%	0	0	0.10	0.01	20,000	0.10	0.13	120	0.55	0.70	0	0	0
TOTAL: BERKELEY COUNTY			**29,569**	**2,064**	**9,528**		**1,527**	**5,618**											**147**
972200	1	N Jefferson County, N of Hwy 480	1,080	74	309	45%	33	139	0.10	0.01	1,500	0.75	1.00	120	0.55	0.70	1	1	2
972200	2	S of Hwy 480	674	30	193	15%	5	29	0.10	0.01	3,600	0.40	0.50	120	0.55	0.70	0	0	0
972200	3	Town of Shepherdstown, Shepherd College	302	24	134	100%	24	134	0.10	0.01	500	1.10	1.15	120	0.55	0.70	1	1	3
972200	4	NE Jefferson County boundary	782	30	163	5%	2	8	0.10	0.01	3,000	0.40	0.50	120	0.55	0.70	0	0	0
972300	1	Intersection of Hwy 480 and Hwy 9	240	30	22	100%	30	22	0.10	0.01	500	1.10	1.15	90	0.60	0.75	2	0	2
972300	2	W Jefferson County, S of Hwy 9	609	37	155	15%	6	23	0.10	0.01	1,000	1.00	1.10	90	0.60	0.75	0	0	1
972300	3	W Jefferson County, Technical Information Services	597	26	111	0%	0	0	0.10	0.01	16,800	0.10	0.13	120	0.55	0.70	0	0	0
972400	1	Central Jefferson County, E Hwy 9	505	26	215	95%	25	204	0.10	0.01	700	1.10	1.15	90	0.60	0.75	2	2	3
972400	2	Central Jefferson County, W Hwy 9	678	98	198	55%	54	109	0.10	0.01	1,500	0.75	1.00	90	0.60	0.75	2	1	3
972400	3	Central Jefferson County, SW Corp. of Ranson Town	276	26	94	100%	26	94	0.10	0.01	500	1.10	1.15	90	0.60	0.75	2	1	3
972400	4	N Corporation of Ranson Town	298	56	91	100%	56	91	0.10	0.01	500	1.10	1.15	90	0.60	0.75	4	1	4
972400	5	S Corp. of Ranson Town, Jefferson Memorial Hospital	420	65	172	100%	65	172	0.10	0.01	600	1.10	1.15	90	0.60	0.75	4	1	6
972500	1	E of Hwy 9, N of County Rd 26	660	69	252	95%	66	239	0.10	0.01	500	1.10	1.15	90	0.60	0.75	4	2	6
972500	2	W of Charles Town city, W of Saint Augustine Ave	843	24	167	15%	4	25	0.10	0.01	3,000	0.40	0.50	90	0.60	0.75	0	0	0
972500	3	Central Jefferson County, N of US Hwy 340	430	44	170	100%	44	170	0.10	0.01	500	1.10	1.15	90	0.60	0.75	3	1	4
972500	4	W of Charles Town city, S of East Washington St	256	29	122	100%	29	122	0.10	0.01	500	1.10	1.15	90	0.60	0.75	2	1	3
972500	5	S of East Washington St, Charles Town City Hall	515	56	180	100%	56	180	0.10	0.01	500	1.10	1.15	90	0.60	0.75	4	2	5
972500	6	E of Charles Town city	478	45	230	80%	36	184	0.10	0.01	800	1.10	1.15	90	0.60	0.75	2	2	4
972500	7	SE central Jefferson County, S of Hwy 9	454	52	77	15%	8	12	0.10	0.01	3,500	0.40	0.50	90	0.60	0.75	0	0	0
972600	1	E Jefferson County, N of County Rd 29	428	9	55	5%	0	3	0.10	0.01	7,200	0.20	0.25	90	0.60	0.75	0	0	0
972600	2	N of US Hwy 340, Harpers Ferry Library	435	31	92	65%	20	60	0.10	0.01	1,500	0.75	1.00	90	0.60	0.75	1	0	1
972600	3	Town of Bolivar, Bolivar-Harpers Ferry Library	658	66	228	100%	66	228	0.10	0.01	500	1.10	1.15	90	0.60	0.75	4	2	6
972600	4	E central Jefferson County, S of US Hwy 340	277	21	72	50%	11	36	0.10	0.01	4,600	0.40	0.50	90	0.60	0.75	0	0	0
972700	1	S of Harpers Ferry NHP	485	28	117	50%	14	59	0.10	0.01	6,700	0.20	0.25	90	0.60	0.75	0	0	0
972700	2	E Jefferson County, E of Bakerton St	365	20	82	0%	0	0	0.10	0.01	10,000	0.10	0.13	120	0.55	0.70	0	0	0
972700	3	N of Hwy 9, E Jefferson County	245	14	137	0%	0	0	0.10	0.01	16,500	0.10	0.13	120	0.55	0.70	0	0	0
972700	4	S of Hwy 9, E Jefferson County	583	15	146	0%	0	0	0.10	0.01	21,000	0.10	0.13	120	0.55	0.70	0	0	0
972700	5	S Jefferson County, N of Shenandoah River	370	0	142	0%	0	0	0.10	0.01	29,000	0.10	0.13	120	0.55	0.70	0	0	0
972700	6	S Jefferson County, E River Rd	375	0	89	0%	0	0	0.10	0.01	31,000	0.03	0.04	120	0.55	0.70	0	0	0
972800	1	W of US 340, S of Old Cave Rd	559	25	85	0%	0	0	0.10	0.01	11,900	0.10	0.13	120	0.55	0.70	0	0	0
972800	2	S Jefferson Public Library	845	12	178	0%	0	0	0.10	0.01	22,500	0.10	0.13	120	0.55	0.70	0	0	0
972800	3	E Jefferson County, S of Hwy 51	443	19	101	0%	0	0	0.10	0.01	25,000	0.10	0.13	120	0.55	0.70	0	0	0
TOTAL: JEFFERSON COUNTY			16,165	1,101	4,579		678	2,343											59
														Estimated Weekday Ridership					206

Table D-3
PanTran Fixed-Route Demand Model - Alternative 2 - Restructure

Census Tract	Block Group	Location	Total # of Hhlds 2000	Number of Households 0 Auto	Number of Households 1 Auto	% of Hhlds with Transit Access	Hhlds Served by Transit 0 Auto	Hhlds Served by Transit 1 Auto	Basic Transit Trip Rates 0 Auto	Basic Transit Trip Rates 1 Auto	Walk Distance (ft)	Walk Factor 0 Auto	Walk Factor 1 Auto	Headway (min)	Headway Factor 0 Auto	Headway Factor 1 Auto	Daily Transit Trips 0 Auto	Daily Transit Trips 1 Auto	Daily Trip TOTAL
971100	1	N of I-81 & S of Hagerstown	637	35	167	0%	0	0	0.10	0.01	38,500	0.03	0.04	120	0.55	0.70	0	0	0
971100	2	Northern end of Berkeley County boundary	553	28	94	0%	0	0	0.10	0.01	29,000	0.10	0.13	120	0.55	0.70	0	0	0
971100	3	W along I-81 in the northern portion of Berkeley County	1,409	24	377	5%	1	19	0.10	0.01	7,000	0.20	0.25	60	0.60	0.85	0	0	0
971100	4	E of I-81 in the northern portion of Berkeley County	518	50	155	0%	0	0	0.10	0.01	31,400	0.03	0.04	120	0.55	0.70	0	0	0
971100	5	E of I-81 & N of Scrabble Road	419	9	134	0%	0	0	0.10	0.01	13,800	0.10	0.13	120	0.55	0.70	0	0	0
971200	1	N of James Rumsey Vo-Tech Center	248	0	52	15%	0	8	0.10	0.01	5,800	0.20	0.25	60	0.60	0.85	0	0	0
971200	2	Town of Hedgesville	459	11	140	5%	1	7	0.10	0.01	7,600	0.20	0.25	60	0.60	0.85	0	0	0
971200	3	N of Hwy 9 of Berkeley County boundary	520	9	142	0%	0	0	0.10	0.01	17,500	0.10	0.13	120	0.55	0.70	0	0	0
971200	4	W of Berkeley County boundary & S of Hwy 9	823	38	223	0%	0	0	0.10	0.01	25,500	0.10	0.13	120	0.55	0.70	0	0	0
971200	5	South of Hwy 9 & Central Berkeley County	551	66	118	0%	0	0	0.10	0.01	14,900	0.10	0.13	120	0.55	0.70	0	0	0
971200	6	S of James Rumsey Vo-Tech Center & W of I-81	1,236	9	324	45%	4	146	0.10	0.01	2,600	0.40	0.50	60	0.60	0.85	0	1	1
971300	1	E of I-81 & North of the Cottages of Martinsburg	1,201	66	322	50%	33	161	0.10	0.01	650	1.10	1.15	60	0.60	0.85	2	2	4
971300	2	Northern portion of the City of Martinsburg	1,643	221	761	85%	188	647	0.10	0.01	900	1.10	1.15	60	0.60	0.85	12	6	19
971400	1	E Berkeley County	441	9	150	5%	0	8	0.10	0.01	6,700	0.20	0.25	45	0.90	1.05	0	0	0
971400	2	N of Hwy 45, S of the Cottages of Martinsburg	982	39	454	100%	39	454	0.10	0.01	1,500	0.75	1.00	45	0.90	1.05	3	5	7
971400	3	S of Hwy 45 & E of City of Martinsburg	607	14	177	100%	14	177	0.10	0.01	1,400	1.00	1.10	45	0.90	1.05	1	2	3
971400	4	E Berkeley County along Hwy 45	562	25	157	85%	21	133	0.10	0.01	2,500	0.40	0.50	45	0.90	1.05	1	1	1
971500	1	E of North Queen St, Woodbury Corners	404	40	210	100%	40	210	0.10	0.01	500	1.10	1.15	60	0.60	0.85	3	2	5
971500	2	S of Hwy 45 & S of intersection of Penn Ave and High St	459	39	138	100%	39	138	0.10	0.01	500	1.10	1.15	60	0.60	0.85	3	1	4
971500	3	E of North Queen St, Caperton Train Station	299	65	138	100%	65	138	0.10	0.01	500	1.10	1.15	30	1.40	1.50	10	2	12
971500	4	SE City of Martinsburg, Senior Towers	428	140	117	100%	140	117	0.10	0.01	500	1.10	1.15	60	0.60	0.85	9	1	10
971600	1	W of N Queen St, southern portion of the City of Martinsburg	408	102	199	100%	102	199	0.10	0.01	500	1.10	1.15	60	0.60	0.85	7	2	9
971600	2	E of I-81 & SE of City Hospital	611	33	232	100%	33	232	0.10	0.01	500	1.10	1.15	60	0.60	0.85	2	2	4
971600	3	E of I-81 & N of West King St	323	8	117	100%	8	117	0.10	0.01	500	1.10	1.15	60	0.60	0.85	1	1	2
971600	4	N of West King St, S of West Race St	302	69	92	100%	69	92	0.10	0.01	500	1.10	1.15	60	0.60	0.85	5	1	5
971600	5	S of West Race St & W of Caperton Train Station	324	58	197	100%	58	197	0.10	0.01	500	1.10	1.15	60	0.60	0.85	4	2	6
971700	1	S of West King St, Stonewall Haven, W of Hwy 9	311	118	141	100%	118	141	0.10	0.01	500	1.10	1.15	60	0.60	0.85	8	1	9
971700	2	S of West King St, N of Addition St, along Winchester Ave	260	64	129	100%	64	129	0.10	0.01	500	1.10	1.15	60	0.60	0.85	4	1	5
971700	3	S of West King St, E of Wal-Mart	300	21	131	100%	21	131	0.10	0.01	500	1.10	1.15	60	0.60	0.85	1	1	3
971700	4	E of I-81, Martinsburg Mall	653	155	252	100%	155	252	0.10	0.01	900	1.10	1.15	60	0.60	0.85	10	2	13
971700	5	E of US Hwy 11, S of Advance Auto	351	77	176	100%	77	176	0.10	0.01	500	1.10	1.15	60	0.60	0.85	5	2	7
971700	6	S of Berry St along US Hwy 11	301	79	97	100%	79	97	0.10	0.01	500	1.10	1.15	60	0.60	0.85	5	1	6
971700	7	N of Hwy 45, S of Jefferson St	295	18	125	100%	18	125	0.10	0.01	500	1.10	1.15	60	0.60	0.85	1	1	2
971800	1	W Berkeley County, Sleepy Creek Lake	748	0	170	0%	0	0	0.10	0.01	13,500	0.10	0.13	120	0.55	0.70	0	0	0
971800	2	W Berkeley County	995	18	282	0%	0	0	0.10	0.01	26,200	0.10	0.13	120	0.55	0.70	0	0	0
971800	3	SW Berkeley County	585	22	134	0%	0	0	0.10	0.01	13,300	0.10	0.13	120	0.55	0.70	0	0	0
971900	1	E of I-81, Kmart along US Hwy 11	198	0	96	100%	0	96	0.10	0.01	800	1.10	1.15	60	0.60	0.85	0	1	1
971900	2	W of I-81, E of County Rd 30	722	22	220	15%	3	33	0.10	0.01	2,500	0.40	0.50	60	0.60	0.85	0	0	0
971900	3	E of I-81, W of US Hwy 11	524	5	155	100%	5	155	0.10	0.01	500	1.10	1.15	60	0.60	0.85	0	2	2
971900	4	E of I-81, S of County Rd 32	798	17	167	70%	12	117	0.10	0.01	3,600	0.40	0.50	60	0.60	0.85	0	0	1
972000	1	E Berkeley County, Martinsburg VA Medical Center	834	29	336	80%	23	269	0.10	0.01	700	1.10	1.15	60	0.60	0.85	2	3	4
972000	2	SE City of Martinsburg along Hwy 9	800	53	313	100%	53	313	0.10	0.01	800	1.10	1.15	60	0.60	0.85	3	3	7
972000	3	Eastern WV Regional Airport	822	18	192	35%	6	67	0.10	0.01	3,600	0.40	0.50	60	0.60	0.85	0	0	0
972100	1	N of County Rd 26, Mussleman South Berkeley Public Library	838	22	247	5%	1	12	0.10	0.01	7,700	0.20	0.25	60	0.60	0.85	0	0	0
972100	2	E of I-81, South of County Rd 11	869	38	313	90%	34	282	0.10	0.01	850	1.10	1.15	60	0.60	0.85	2	3	5
972100	3	W of I-81, W of Inwood town	678	16	180	15%	2	27	0.10	0.01	2,500	0.40	0.50	60	0.60	0.85	0	0	0
972100	4	E of I-81, N of Specks Run Rd	617	17	100	5%	1	5	0.10	0.01	1,500	0.75	1.00	60	0.60	0.85	0	0	0
972100	5	W of I-81, James Pettigrew CSA Monument	703	48	185	0%	0	0	0.10	0.01	20,000	0.10	0.13	120	0.55	0.70	0	0	0
TOTAL: BERKELEY COUNTY			29,569	2,064	9,528		1,529	5,626											158
972200	1	N Jefferson County, N of Hwy 480	1,080	74	309	45%	33	139	0.10	0.01	1,500	0.75	1.00	45	0.90	1.05	2	1	4
972200	2	S of Hwy 480	674	30	193	15%	5	29	0.10	0.01	3,600	0.40	0.50	60	0.60	0.85	0	0	0
972200	3	Town of Shepherdstown, Shepherd College	302	24	134	100%	24	134	0.10	0.01	500	1.10	1.15	60	0.60	0.85	2	1	3
972200	4	NE Jefferson County boundary	782	30	163	5%	2	8	0.10	0.01	3,000	0.40	0.50	60	0.60	0.85	0	0	0
972300	1	Intersection of Hwy 480 and Hwy 9	240	30	22	100%	30	22	0.10	0.01	500	1.10	1.15	90	0.60	0.75	2	0	2
972300	2	W Jefferson County, S of Hwy 9	609	37	155	15%	6	23	0.10	0.01	1,000	1.00	1.10	90	0.60	0.75	0	0	1
972300	3	W Jefferson County, Technical Information Services	597	26	111	0%	0	0	0.10	0.01	16,800	0.10	0.13	120	0.55	0.70	0	0	0
972400	1	Central Jefferson County, E Hwy 9	505	26	215	95%	25	204	0.10	0.01	700	1.10	1.15	90	0.60	0.75	2	2	3
972400	2	Central Jefferson County, W Hwy 9	678	98	198	55%	54	109	0.10	0.01	1,500	0.75	1.00	90	0.60	0.75	2	1	3
972400	3	Central Jefferson County, SW Corp. of Ranson Town	276	26	94	100%	26	94	0.10	0.01	500	1.10	1.15	90	0.60	0.75	2	1	3
972400	4	N Corporation of Ranson Town	298	56	91	100%	56	91	0.10	0.01	500	1.10	1.15	90	0.60	0.75	4	1	4
972400	5	S Corp. of Ranson Town, Jefferson Memorial Hospital	420	65	172	100%	65	172	0.10	0.01	600	1.10	1.15	90	0.60	0.75	4	1	6
972500	1	E of Hwy 9, N of County Rd 26	660	69	252	95%	66	239	0.10	0.01	500	1.10	1.15	90	0.60	0.75	4	2	6
972500	2	W of Charles Town city, W of Saint Augustine Ave	843	24	167	15%	4	25	0.10	0.01	3,000	0.40	0.50	90	0.60	0.75	0	0	0
972500	3	Central Jefferson County, N of US Hwy 340	430	44	170	100%	44	170	0.10	0.01	500	1.10	1.15	90	0.60	0.75	3	1	4
972500	4	W of Charles Town city, S of East Washington St	256	29	122	100%	29	122	0.10	0.01	500	1.10	1.15	90	0.60	0.75	2	1	3
972500	5	S of East Washington St, Charles Town City Hall	515	56	180	100%	56	180	0.10	0.01	500	1.10	1.15	90	0.60	0.75	4	2	5
972500	6	E of Charles Town city	478	45	230	80%	36	184	0.10	0.01	800	1.10	1.15	90	0.60	0.75	2	2	4
972500	7	SE central Jefferson County, S of Hwy 9	454	52	77	15%	8	12	0.10	0.01	3,500	0.40	0.50	90	0.60	0.75	0	0	0
972600	1	E Jefferson County, N of County Rd 29	428	9	55	5%	0	3	0.10	0.01	7,200	0.20	0.25	90	0.60	0.75	0	0	0
972600	2	N of US Hwy 340, Harpers Ferry Library	435	31	92	65%	20	60	0.10	0.01	1,500	0.75	1.00	90	0.60	0.75	1	0	1
972600	3	Town of Bolivar, Bolivar-Harpers Ferry Library	658	66	228	100%	66	228	0.10	0.01	500	1.10	1.15	90	0.60	0.75	4	2	6
972600	4	E central Jefferson County, S of US Hwy 340	277	21	72	50%	11	36	0.10	0.01	4,600	0.40	0.50	90	0.60	0.75	0	0	0
972700	1	S of Harpers Ferry NHP	485	28	117	50%	14	59	0.10	0.01	6,700	0.20	0.25	90	0.60	0.75	0	0	0
972700	2	E Jefferson County, E of Bakerton St	365	20	82	0%	0	0	0.10	0.01	10,000	0.10	0.13	120	0.55	0.70	0	0	0
972700	3	N of Hwy 9, E Jefferson County	245	14	137	0%	0	0	0.10	0.01	16,500	0.10	0.13	120	0.55	0.70	0	0	0
972700	4	S of Hwy 9, E Jefferson County	583	15	146	0%	0	0	0.10	0.01	21,000	0.10	0.13	120	0.55	0.70	0	0	0
972700	5	S Jefferson County, N of Shenandoah River	370	0	142	0%	0	0	0.10	0.01	29,000	0.10	0.13	120	0.55	0.70	0	0	0
972700	6	S Jefferson County, E River Rd	375	0	89	0%	0	0	0.10	0.01	31,000	0.03	0.04	120	0.55	0.70	0	0	0
972800	1	W of US 340, S of Old Cave Rd	559	25	85	0%	0	0	0.10	0.01	11,900	0.10	0.13	120	0.55	0.70	0	0	0
972800	2	S Jefferson Public Library	845	12	178	0%	0	0	0.10	0.01	22,500	0.10	0.13	120	0.55	0.70	0	0	0
972800	3	E Jefferson County, S of Hwy 51	443	19	101	0%	0	0	0.10	0.01	25,000	0.10	0.13	120	0.55	0.70	0	0	0
TOTAL: JEFFERSON COUNTY			16,165	1,101	4,579		678	2,343											61
																	Estimated Weekday Ridership		219

Table D-4
PanTran Fixed-Route Demand Model - Alternative 3 - Restructure

Census Tract	Block Group	Location	Total # of Hhlds 2000	Number of Households 0 Auto	Number of Households 1 Auto	% of Hhlds with Transit Access	Hhlds Served by Transit 0 Auto	Hhlds Served by Transit 1 Auto	Basic Transit Trip Rates 0 Auto	Basic Transit Trip Rates 1 Auto	Walk Distance (ft)	Walk Factor 0 Auto	Walk Factor 1 Auto	Headway (min)	Headway Factor 0 Auto	Headway Factor 1 Auto	Daily Transit Trips 0 Auto	Daily Transit Trips 1 Auto	Daily Trip TOTAL
971100	1	N of I-81 & S of Hagerstown	637	35	167	0%	0	0	0.10	0.01	38,500	0.03	0.04	120	0.55	0.70	0	0	0
971100	2	Northern end of Berkeley County boundary	553	28	94	0%	0	0	0.10	0.01	29,000	0.10	0.13	120	0.55	0.70	0	0	0
971100	3	W along I-81 in the northern portion of Berkeley County	1,409	24	377	5%	1	19	0.10	0.01	7,000	0.20	0.25	120	0.55	0.70	0	0	0
971100	4	E of I-81 in the northern portion of Berkeley County	518	50	155	0%	0	0	0.10	0.01	31,400	0.03	0.04	120	0.55	0.70	0	0	0
971100	5	E of I-81 & N of Scrabble Road	419	9	134	0%	0	0	0.10	0.01	13,800	0.10	0.13	120	0.55	0.70	0	0	0
971200	1	N of James Rumsey Vo-Tech Center	248	0	52	15%	0	8	0.10	0.01	11,600	0.10	0.13	120	0.55	0.70	0	0	0
971200	2	Town of Hedgesville	459	11	140	5%	1	7	0.10	0.01	7,600	0.20	0.25	120	0.55	0.70	0	0	0
971200	3	N of Hwy 9 of Berkeley County boundary	520	9	142	0%	0	0	0.10	0.01	22,600	0.10	0.13	120	0.55	0.70	0	0	0
971200	4	W of Berkeley County boundary & S of Hwy 9	823	38	223	0%	0	0	0.10	0.01	30,900	0.03	0.04	120	0.55	0.70	0	0	0
971200	5	South of Hwy 9 & Central Berkeley County	551	66	118	0%	0	0	0.10	0.01	16,000	0.10	0.13	120	0.55	0.70	0	0	0
971200	6	S of James Rumsey Vo-Tech Center & W of I-81	1,236	9	324	45%	4	146	0.10	0.01	2,600	0.40	0.50	45	0.90	1.05	0	1	1
971300	1	E of I-81 & North of the Cottages of Martinsburg	1,201	66	322	50%	33	161	0.10	0.01	1,600	0.75	1.00	45	0.90	1.05	2	2	4
971300	2	Northern portion of the City of Martinsburg	1,643	221	761	85%	188	647	0.10	0.01	900	1.10	1.15	45	0.90	1.05	19	8	26
971400	1	E Berkeley County	441	9	150	5%	0	8	0.10	0.01	6,700	0.20	0.25	120	0.55	0.70	0	0	0
971400	2	N of Hwy 45, S of the Cottages of Martinsburg	982	39	454	100%	39	454	0.10	0.01	1,900	0.75	1.00	45	0.90	1.05	3	5	7
971400	3	S of Hwy 45 & E of City of Martinsburg	607	14	177	100%	14	177	0.10	0.01	1,400	1.00	1.10	45	0.90	1.05	1	2	3
971400	4	E Berkeley County along Hwy 45	562	25	157	80%	20	126	0.10	0.01	2,500	0.40	0.50	60	0.60	0.85	0	1	1
971500	1	E of North Queen St, Woodbury Corners	404	40	210	100%	40	210	0.10	0.01	500	1.10	1.15	45	0.90	1.05	4	3	6
971500	2	S of Hwy 45 & S of intersection of Penn Ave and High St	459	39	138	100%	39	138	0.10	0.01	500	1.10	1.15	45	0.90	1.05	4	2	6
971500	3	E of North Queen St, Caperton Train Station	299	65	138	100%	65	138	0.10	0.01	500	1.10	1.15	60	0.60	0.85	4	1	6
971500	4	SE City of Martinsburg, Senior Towers	428	140	117	100%	140	117	0.10	0.01	500	1.10	1.15	60	0.60	0.85	9	1	10
971600	1	W of N Queen St, southern portion of the City of Martinsburg	408	102	199	100%	102	199	0.10	0.01	500	1.10	1.15	45	0.90	1.05	10	2	13
971600	2	E of I-81 & SE of City Hospital	611	33	232	100%	33	232	0.10	0.01	600	1.10	1.15	45	0.90	1.05	3	3	6
971600	3	E of I-81 & N of West King St	323	8	117	100%	8	117	0.10	0.01	500	1.10	1.15	45	0.90	1.05	1	1	2
971600	4	N of West King St, S of West Race St	302	69	92	100%	69	92	0.10	0.01	500	1.10	1.15	60	0.60	0.85	5	1	5
971600	5	S of West Race St & W of Caperton Train Station	324	58	197	100%	58	197	0.10	0.01	500	1.10	1.15	60	0.60	0.85	4	2	6
971700	1	S of West King St, Stonewall Haven, W of Hwy 9	311	118	141	100%	118	141	0.10	0.01	500	1.10	1.15	60	0.60	0.85	8	1	9
971700	2	S of West King St, N of Addition St, along Winchester Ave	260	64	129	100%	64	129	0.10	0.01	500	1.10	1.15	60	0.60	0.85	4	1	5
971700	3	S of West King St, E of Wal-Mart	300	21	131	100%	21	131	0.10	0.01	500	1.10	1.15	45	0.90	1.05	2	2	4
971700	4	E of I-81, Martinsburg Mall	653	155	252	100%	155	252	0.10	0.01	900	1.10	1.15	60	0.60	0.85	10	2	13
971700	5	E of US Hwy 11, S of Advance Auto	351	77	176	100%	77	176	0.10	0.01	500	1.10	1.15	60	0.60	0.85	5	2	7
971700	6	S of Berry St along US Hwy 11	301	79	97	100%	79	97	0.10	0.01	500	1.10	1.15	60	0.60	0.85	5	1	6
971700	7	N of Hwy 45, S of Jefferson St	295	18	125	100%	18	125	0.10	0.01	500	1.10	1.15	60	0.60	0.85	1	1	2
971800	1	W Berkeley County, Sleepy Creek Lake	748	0	170	0%	0	0	0.10	0.01	19,000	0.10	0.13	120	0.55	0.70	0	0	0
971800	2	W Berkeley County	995	18	282	0%	0	0	0.10	0.01	26,200	0.10	0.13	120	0.55	0.70	0	0	0
971800	3	SW Berkeley County	585	22	134	0%	0	0	0.10	0.01	13,300	0.10	0.13	120	0.55	0.70	0	0	0
971900	1	E of I-81, Kmart along US Hwy 11	198	0	96	0%	0	0	0.10	0.01	800	1.10	1.15	120	0.55	0.70	0	0	0
971900	2	W of I-81, E of County Rd 30	722	22	220	15%	3	33	0.10	0.01	4,000	0.40	0.50	60	0.60	0.85	0	0	0
971900	3	E of I-81, W of US Hwy 11	524	5	155	100%	5	155	0.10	0.01	500	1.10	1.15	60	0.60	0.85	0	2	2
971900	4	E of I-81, S of County Rd 32	798	17	167	70%	12	117	0.10	0.01	3,600	0.40	0.50	120	0.55	0.70	0	0	1
972000	1	E Berkeley County, Martinsburg VA Medical Center	834	29	336	80%	23	269	0.10	0.01	700	1.10	1.15	60	0.60	0.85	2	3	4
972000	2	SECity of Martinsburg along Hwy 9	800	53	313	100%	53	313	0.10	0.01	1,000	1.00	1.10	60	0.60	0.85	3	3	6
972000	3	Eastern WV Regional Airport	822	18	192	35%	6	67	0.10	0.01	3,600	0.40	0.50	60	0.60	0.85	0	0	0
972100	1	N of County Rd 26, Mussleman South Berkeley Public Library	838	22	247	5%	1	12	0.10	0.01	7,700	0.20	0.25	120	0.55	0.70	0	0	0
972100	2	E of I-81, South of County Rd 11	869	38	313	90%	34	282	0.10	0.01	850	1.10	1.15	120	0.55	0.70	2	2	4
972100	3	W of I-81, W of Inwood town	678	16	180	15%	2	27	0.10	0.01	2,500	0.40	0.50	120	0.55	0.70	0	0	0
972100	4	E of I-81, N of Specks Run Rd	617	17	100	5%	1	5	0.10	0.01	1,500	0.75	1.00	120	0.55	0.70	0	0	0
972100	5	W of I-81, James Pettigrew CSA Monument	703	48	185	0%	0	0	0.10	0.01	20,000	0.10	0.13	120	0.55	0.70	0	0	0
TOTAL: BERKELEY COUNTY			**29,569**	**2,064**	**9,528**		**1,527**	**5,522**											**167**
972200	1	N Jefferson County, N of Hwy 480	1,080	74	309	45%	33	139	0.10	0.01	1,500	0.75	1.00	120	0.55	0.70	1	1	2
972200	2	S of Hwy 480	674	30	193	15%	5	29	0.10	0.01	3,600	0.40	0.50	90	0.60	0.75	0	0	0
972200	3	Town of Shepherdstown, Shepherd College	302	24	134	100%	24	134	0.10	0.01	500	1.10	1.15	120	0.55	0.70	1	1	3
972200	4	NE Jefferson County boundary	782	30	163	5%	2	8	0.10	0.01	3,000	0.40	0.50	120	0.55	0.70	0	0	0
972300	1	Intersection of Hwy 480 and Hwy 9	240	30	22	95%	29	21	0.10	0.01	500	1.10	1.15	90	0.60	0.75	2	0	2
972300	2	W Jefferson County, S of Hwy 9	609	37	155	15%	6	23	0.10	0.01	1,200	1.00	1.10	90	0.60	0.75	0	0	1
972300	3	W Jefferson County, Technical Information Services	597	26	111	0%	0	0	0.10	0.01	19,000	0.10	0.13	120	0.55	0.70	0	0	0
972400	1	Central Jefferson County, E Hwy 9	505	26	215	95%	25	204	0.10	0.01	700	1.10	1.15	90	0.60	0.75	2	2	3
972400	2	Central Jefferson County, W Hwy 9	678	98	198	55%	54	109	0.10	0.01	1,500	0.75	1.00	90	0.60	0.75	2	1	3
972400	3	Central Jefferson County, SW Corp. of Ranson Town	276	26	94	100%	26	94	0.10	0.01	700	1.10	1.15	90	0.60	0.75	2	1	3
972400	4	N Corporation of Ranson Town	298	56	91	100%	56	91	0.10	0.01	500	1.10	1.15	90	0.60	0.75	4	1	4
972400	5	S Corp. of Ranson Town, Jefferson Memorial Hospital	420	65	172	100%	65	172	0.10	0.01	700	1.10	1.15	90	0.60	0.75	4	1	6
972500	1	E of Hwy 9, N of County Rd 26	660	69	252	95%	66	239	0.10	0.01	800	1.10	1.15	90	0.60	0.75	4	2	6
972500	2	W of Charles Town city, W of Saint Augustine Ave	843	24	167	15%	4	25	0.10	0.01	5,800	0.20	0.25	90	0.60	0.75	0	0	0
972500	3	Central Jefferson County, N of US Hwy 340	430	44	170	100%	44	170	0.10	0.01	500	1.10	1.15	90	0.60	0.75	3	1	4
972500	4	W of Charles Town city, S of East Washington St	256	29	122	100%	29	122	0.10	0.01	500	1.10	1.15	90	0.60	0.75	2	1	3
972500	5	S of East Washington St, Charles Town City Hall	515	56	180	100%	56	180	0.10	0.01	500	1.10	1.15	90	0.60	0.75	4	2	5
972500	6	E of Charles Town City	478	45	230	80%	36	184	0.10	0.01	800	1.10	1.15	90	0.60	0.75	2	2	4
972500	7	SE Central Jefferson County, S of Hwy 9	454	52	77	15%	8	12	0.10	0.01	5,800	0.20	0.25	90	0.60	0.75	0	0	0
972600	1	E Jefferson County, N of County Rd 29	428	9	55	5%	0	3	0.10	0.01	7,200	0.20	0.25	90	0.60	0.75	0	0	0
972600	2	N of US Hwy 340, Harpers Ferry Library	435	31	92	65%	20	60	0.10	0.01	3,000	0.40	0.50	90	0.60	0.75	0	0	1
972600	3	Town of Bolivar, Bolivar-Harpers Ferry Library	658	66	228	100%	66	228	0.10	0.01	500	1.10	1.15	90	0.60	0.75	4	2	6
972600	4	E Central Jefferson County, S of US Hwy 340	277	21	72	50%	11	36	0.10	0.01	4,600	0.40	0.50	90	0.60	0.75	0	0	0
972700	1	S of Harpers Ferry NHP	485	28	117	50%	14	59	0.10	0.01	6,700	0.20	0.25	90	0.60	0.75	0	0	0
972700	2	E Jefferson County, E of Bakerton St	365	20	82	0%	0	0	0.10	0.01	10,000	0.10	0.13	120	0.55	0.70	0	0	0
972700	3	N of Hwy 9, E Jefferson County	245	14	137	0%	0	0	0.10	0.01	16,500	0.10	0.13	120	0.55	0.70	0	0	0
972700	4	S of Hwy 9, E Jefferson County	583	15	146	0%	0	0	0.10	0.01	21,000	0.10	0.13	120	0.55	0.70	0	0	0
972700	5	S Jefferson County, N of Shenandoah River	370	0	142	0%	0	0	0.10	0.01	29,000	0.10	0.13	120	0.55	0.70	0	0	0
972700	6	S Jefferson County, E River Rd	375	0	89	0%	0	0	0.10	0.01	31,000	0.03	0.04	120	0.55	0.70	0	0	0
972800	1	W of US 340, S of Old Cave Rd	559	25	85	0%	0	0	0.10	0.01	11,900	0.10	0.13	120	0.55	0.70	0	0	0
972800	2	S Jefferson Public Library	845	12	178	0%	0	0	0.10	0.01	22,500	0.10	0.13	120	0.55	0.70	0	0	0
972800	3	E Jefferson County, S of Hwy 51	443	19	101	0%	0	0	0.10	0.01	25,000	0.10	0.13	120	0.55	0.70	0	0	0
TOTAL: JEFFERSON COUNTY			16,165	1,101	4,579		676	2,342											58
														Estimated Weekday Ridership					225

Table D-5
PanTran Fixed-Route Demand Model - Alternative 1 - Expansion

Census Tract	Block Group	Location	Total # of Hhlds 2000	Number of Households 0 Auto	Number of Households 1 Auto	% of Hhlds with Transit Access	Hhlds Served by Transit 0 Auto	Hhlds Served by Transit 1 Auto	Basic Transit Trip Rates 0 Auto	Basic Transit Trip Rates 1 Auto	Walk Distance (ft)	Walk Factor 0 Auto	Walk Factor 1 Auto	Headway (min)	Headway Factor 0 Auto	Headway Factor 1 Auto	Daily Transit Trips 0 Auto	Daily Transit Trips 1 Auto	Daily Trip TOTAL
971100	1	N of I-81 & S of Hagerstown	637	35	167	0%	0	0	0.10	0.01	38,500	0.03	0.04	120	0.55	0.70	0	0	0
971100	2	Northern end of Berkeley County boundary	553	28	94	0%	0	0	0.10	0.01	29,000	0.10	0.13	120	0.55	0.70	0	0	0
971100	3	W along I-81 in the northern portion of Berkeley County	1,409	24	377	5%	1	19	0.10	0.01	7,000	0.20	0.25	30	1.40	1.50	0	0	0
971100	4	E of I-81 in the northern portion of Berkeley County	518	50	155	0%	0	0	0.10	0.01	31,400	0.03	0.04	120	0.55	0.70	0	0	0
971100	5	E of I-81 & N of Scrabble Road	419	9	134	0%	0	0	0.10	0.01	13,700	0.10	0.13	120	0.55	0.70	0	0	0
971200	1	N of James Rumsey Vo-Tech Center	248	0	52	15%	0	8	0.10	0.01	5,800	0.20	0.25	30	1.40	1.50	0	0	0
971200	2	Town of Hedgesville	459	11	140	5%	1	7	0.10	0.01	7,600	0.20	0.25	30	1.40	1.50	0	0	0
971200	3	N of Hwy 9 of Berkeley County boundary	520	9	142	0%	0	0	0.10	0.01	17,500	0.10	0.13	120	0.55	0.70	0	0	0
971200	4	W of Berkeley County boundary & S of Hwy 9	823	38	223	0%	0	0	0.10	0.01	25,500	0.10	0.13	120	0.55	0.70	0	0	0
971200	5	South of Hwy 9 & central Berkeley County	551	66	118	0%	0	0	0.10	0.01	14,900	0.10	0.13	120	0.55	0.70	0	0	0
971200	6	S of James Rumsey Vo-Tech Center & W of I-81	1,236	9	324	45%	4	146	0.10	0.01	2,600	0.40	0.50	30	1.40	1.50	0	1	1
971300	1	E of I-81 & North of the Cottages of Martinsburg	1,201	66	322	50%	33	161	0.10	0.01	650	1.10	1.15	30	1.40	1.50	5	3	8
971300	2	Northern portion of the City of Martinsburg	1,643	221	761	85%	188	647	0.10	0.01	900	1.10	1.15	30	1.40	1.50	29	11	40
971400	1	E Berkeley County	441	9	150	5%	0	8	0.10	0.01	6,700	0.20	0.25	120	0.55	0.70	0	0	0
971400	2	N of Hwy 45, S of the Cottages of Martinsburg	982	39	454	100%	39	454	0.10	0.01	1,500	0.75	1.00	30	1.40	1.50	4	7	11
971400	3	S of Hwy 45 & E of City of Martinsburg	607	14	177	100%	14	177	0.10	0.01	1,400	1.00	1.10	30	1.40	1.50	2	3	5
971400	4	E Berkeley County along Hwy 45	562	25	157	80%	20	126	0.10	0.01	2,500	0.40	0.50	30	1.40	1.50	1	1	2
971500	1	E of North Queen St, Woodbury Corners	404	40	210	100%	40	210	0.10	0.01	500	1.10	1.15	30	1.40	1.50	6	4	10
971500	2	S of Hwy 45 & S of intersection of Penn Ave and High St	459	39	138	100%	39	138	0.10	0.01	500	1.10	1.15	30	1.40	1.50	6	2	8
971500	3	E of North Queen St, Caperton Train Station	299	65	138	100%	65	138	0.10	0.01	500	1.10	1.15	30	1.40	1.50	10	2	12
971500	4	SE City of Martinsburg, Senior Towers	428	140	117	100%	140	117	0.10	0.01	500	1.10	1.15	30	1.40	1.50	22	2	24
971600	1	W of N Queen St, southern portion of the City of Martinsburg	408	102	199	100%	102	199	0.10	0.01	500	1.10	1.15	30	1.40	1.50	16	3	19
971600	2	E of I-81 & SE of City Hospital	611	33	232	100%	33	232	0.10	0.01	500	1.10	1.15	30	1.40	1.50	5	4	9
971600	3	E of I-81 & N of West King St	323	8	117	100%	8	117	0.10	0.01	500	1.10	1.15	30	1.40	1.50	1	2	3
971600	4	N of West King St, S of West Race St	302	69	92	100%	69	92	0.10	0.01	500	1.10	1.15	30	1.40	1.50	11	2	12
971600	5	S of West Race St & W of Caperton Train Station	324	58	197	100%	58	197	0.10	0.01	500	1.10	1.15	30	1.40	1.50	9	3	12
971700	1	S of West King St, Stonewall Haven, W of Hwy 9	311	118	141	100%	118	141	0.10	0.01	500	1.10	1.15	30	1.40	1.50	18	2	21
971700	2	S of W King St, N of Addition St, along Winchester Ave	260	64	129	100%	64	129	0.10	0.01	500	1.10	1.15	30	1.40	1.50	10	2	12
971700	3	S of West King St, E of Wal-Mart	300	21	131	100%	21	131	0.10	0.01	500	1.10	1.15	30	1.40	1.50	3	2	5
971700	4	E of I-81, Martinsburg Mall	653	155	252	100%	155	252	0.10	0.01	900	1.10	1.15	30	1.40	1.50	24	4	28
971700	5	E of US Hwy 11, S of Advance Auto	351	77	176	100%	77	176	0.10	0.01	500	1.10	1.15	30	1.40	1.50	12	3	15
971700	6	S of Berry St along US Hwy 11	301	79	97	100%	79	97	0.10	0.01	500	1.10	1.15	30	1.40	1.50	12	2	14
971700	7	N of Hwy 45, S of Jefferson St	295	18	125	100%	18	125	0.10	0.01	500	1.10	1.15	30	1.40	1.50	3	2	5
971800	1	W Berkeley County, Sleepy Creek Lake	748	0	170	0%	0	0	0.10	0.01	13,500	0.10	0.13	120	0.55	0.70	0	0	0
971800	2	W Berkeley County	995	18	282	0%	0	0	0.10	0.01	26,200	0.10	0.13	120	0.55	0.70	0	0	0
971800	3	SW Berkeley County	585	22	134	0%	0	0	0.10	0.01	13,300	0.10	0.13	120	0.55	0.70	0	0	0
971900	1	E of I-81, Kmart along US Hwy 11	198	0	96	100%	0	96	0.10	0.01	800	1.10	1.15	30	1.40	1.50	0	2	2
971900	2	W of I-81, E of County Rd 30	722	22	220	15%	3	33	0.10	0.01	2,500	0.40	0.50	30	1.40	1.50	0	0	0
971900	3	E of I-81, W of US Hwy 11	524	5	155	100%	5	155	0.10	0.01	500	1.10	1.15	120	0.55	0.70	0	1	2
971900	4	E of I-81, S of County Rd 32	798	17	167	70%	12	117	0.10	0.01	3,600	0.40	0.50	120	0.55	0.70	0	0	1
972000	1	E Berkeley County, Martinsburg VA Medical Center	834	29	336	80%	23	269	0.10	0.01	700	1.10	1.15	30	1.40	1.50	4	5	8
972000	2	SE City of Martinsburg along Hwy 9	800	53	313	100%	53	313	0.10	0.01	800	1.10	1.15	30	1.40	1.50	8	5	14
972000	3	Eastern WV Regional Airport	822	18	192	35%	6	67	0.10	0.01	3,600	0.40	0.50	120	0.55	0.70	0	0	0
972100	1	N of County Rd 26, Mussleman South Berkeley Public Library	838	22	247	5%	1	12	0.10	0.01	7,700	0.20	0.25	120	0.55	0.70	0	0	0
972100	2	E of I-81, South of County Rd 11	869	38	313	90%	34	282	0.10	0.01	850	1.10	1.15	120	0.55	0.70	2	2	4
972100	3	W of I-81, W of Inwood town	678	16	180	15%	2	27	0.10	0.01	2,500	0.40	0.50	120	0.55	0.70	0	0	0
972100	4	E of I-81, N of Specks Run Rd	617	17	100	5%	1	5	0.10	0.01	1,500	0.75	1.00	120	0.55	0.70	0	0	0
972100	5	W of I-81, James Pettigrew CSA Monument	703	48	185	0%	0	0	0.10	0.01	20,000	0.10	0.13	120	0.55	0.70	0	0	0
TOTAL: BERKELEY COUNTY			**29,569**	**2,064**	**9,528**		**1,527**	**5618**											**309**
972200	1	N Jefferson County, N of Hwy 480	1,080	74	309	45%	33	139	0.10	0.01	1,500	0.75	1.00	120	0.55	0.70	1	1	2
972200	2	S of Hwy 480	674	30	193	15%	5	29	0.10	0.01	3,600	0.40	0.50	45	0.90	1.05	0	0	0
972200	3	Town of Shepherdstown, Shepherd College	302	24	134	100%	24	134	0.10	0.01	500	1.10	1.15	120	0.55	0.70	1	1	3
972200	4	NE Jefferson County boundary	782	30	163	5%	2	8	0.10	0.01	3,000	0.40	0.50	120	0.55	0.70	0	0	0
972300	1	Intersection of Hwy 480 and Hwy 9	240	30	22	100%	30	22	0.10	0.01	500	1.10	1.15	45	0.90	1.05	3	0	3
972300	2	W Jefferson County, S of Hwy 9	609	37	155	15%	6	23	0.10	0.01	1,000	1.00	1.10	45	0.90	1.05	0	0	1
972300	3	W Jefferson County, Technical Information Services	597	26	111	0%	0	0	0.10	0.01	16,800	0.10	0.13	120	0.55	0.70	0	0	0
972400	1	Central Jefferson County, E Hwy 9	505	26	215	95%	25	204	0.10	0.01	700	1.10	1.15	45	0.90	1.05	2	2	5
972400	2	Central Jefferson County, W Hwy 9	678	98	198	55%	54	109	0.10	0.01	1,500	0.75	1.00	45	0.90	1.05	4	1	5
972400	3	Central Jefferson County, SW Corp. of Ranson Town	276	26	94	100%	26	94	0.10	0.01	500	1.10	1.15	45	0.90	1.05	3	1	4
972400	4	N Corporation of Ranson Town	298	56	91	100%	56	91	0.10	0.01	500	1.10	1.15	45	0.90	1.05	6	1	7
972400	5	S Corp. of Ranson Town, Jefferson Memorial Hospital	420	65	172	100%	65	172	0.10	0.01	600	1.10	1.15	45	0.90	1.05	6	2	9
972500	1	E of Hwy 9, N of County Rd 26	660	69	252	95%	66	239	0.10	0.01	500	1.10	1.15	45	0.90	1.05	6	3	9
972500	2	W of Charles Town city, W of Saint Augustine Ave	843	24	167	15%	4	25	0.10	0.01	3,000	0.40	0.50	45	0.90	1.05	0	0	0
972500	3	Central Jefferson County, N of US Hwy 340	430	44	170	100%	44	170	0.10	0.01	500	1.10	1.15	45	0.90	1.05	4	2	6
972500	4	W of Charles Town city, S of East Washington St	256	29	122	100%	29	122	0.10	0.01	500	1.10	1.15	45	0.90	1.05	3	1	4
972500	5	S of East Washington St, Charles Town City Hall	515	56	180	100%	56	180	0.10	0.01	500	1.10	1.15	45	0.90	1.05	6	2	8
972500	6	E of Charles Town city	478	45	230	80%	36	184	0.10	0.01	800	1.10	1.15	45	0.90	1.05	4	2	6
972500	7	SE central Jefferson County, S of Hwy 9	454	52	77	15%	8	12	0.10	0.01	3,500	0.40	0.50	45	0.90	1.05	0	0	0
972600	1	E Jefferson County, N of County Rd 29	428	9	55	5%	0	3	0.10	0.01	7,200	0.20	0.25	45	0.90	1.05	0	0	0
972600	2	N of US Hwy 340, Harpers Ferry Library	435	31	92	65%	20	60	0.10	0.01	1,500	0.75	1.00	45	0.90	1.05	1	1	2
972600	3	Town of Bolivar, Bolivar-Harpers Ferry Library	658	66	228	100%	66	228	0.10	0.01	500	1.10	1.15	45	0.90	1.05	7	3	9
972600	4	E central Jefferson County, S of US Hwy 340	277	21	72	50%	11	36	0.10	0.01	4,600	0.40	0.50	45	0.90	1.05	0	0	1
972700	1	S of Harpers Ferry NHP	485	28	117	50%	14	59	0.10	0.01	6,700	0.20	0.25	45	0.90	1.05	0	0	0
972700	2	E Jefferson County, E of Bakerton St	365	20	82	0%	0	0	0.10	0.01	10,000	0.10	0.13	120	0.55	0.70	0	0	0
972700	3	N of Hwy 9, E Jefferson County	245	14	137	0%	0	0	0.10	0.01	16,500	0.10	0.13	120	0.55	0.70	0	0	0
972700	4	S of Hwy 9, E Jefferson County	583	15	146	0%	0	0	0.10	0.01	21,000	0.10	0.13	120	0.55	0.70	0	0	0
972700	5	S Jefferson County, N of Shenandoah River	370	0	142	0%	0	0	0.10	0.01	29,000	0.10	0.13	120	0.55	0.70	0	0	0
972700	6	S Jefferson County, E River Rd	375	0	89	0%	0	0	0.10	0.01	31,000	0.03	0.04	120	0.55	0.70	0	0	0
972800	1	W of US 340, S of Old Cave Rd	559	25	85	0%	0	0	0.10	0.01	11,900	0.10	0.13	120	0.55	0.70	0	0	0
972800	2	S Jefferson Public Library	845	12	178	0%	0	0	0.10	0.01	22,500	0.10	0.13	120	0.55	0.70	0	0	0
972800	3	E Jefferson County, S of Hwy 51	443	19	101	0%	0	0	0.10	0.01	25,000	0.10	0.13	120	0.55	0.70	0	0	0
TOTAL: JEFFERSON COUNTY			16,165	1,101	4,579		678	2,343											84
																	Estimated Weekday Ridership		393

Table D-6
PanTran Fixed-Route Demand Model - Alternative 2 - Expansion

Census Tract	Block Group	Location	Total # of Hhlds 2000	Number of Households 0 Auto	Number of Households 1 Auto	% of Hhlds with Transit Access	Hhlds Served by Transit 0 Auto	Hhlds Served by Transit 1 Auto	Basic Transit Trip Rates 0 Auto	Basic Transit Trip Rates 1 Auto	Walk Distance (ft)	Walk Factor 0 Auto	Walk Factor 1 Auto	Headway (min)	Headway Factor 0 Auto	Headway Factor 1 Auto	Daily Transit Trips 0 Auto	Daily Transit Trips 1 Auto	Daily Trip TOTAL
971100	1	N of I-81 & S of Hagerstown	637	35	167	0%	0	0	0.10	0.01	38,500	0.03	0.04	120	0.55	0.70	0	0	0
971100	2	Northern end of Berkeley County boundary	553	28	94	0%	0	0	0.10	0.01	29,000	0.10	0.13	120	0.55	0.70	0	0	0
971100	3	W along I-81 in the northern portion of Berkeley County	1,409	24	377	5%	1	19	0.10	0.01	7,000	0.20	0.25	30	1.40	1.50	0	0	0
971100	4	E of I-81 in the northern portion of Berkeley County	518	50	155	0%	0	0	0.10	0.01	31,400	0.03	0.04	120	0.55	0.70	0	0	0
971100	5	E of I-81 & N of Scrabble Road	419	9	134	0%	0	0	0.10	0.01	13,800	0.10	0.13	120	0.55	0.70	0	0	0
971200	1	N of James Rumsey Vo-Tech Center	248	0	52	15%	0	8	0.10	0.01	5,800	0.20	0.25	30	1.40	1.50	0	0	0
971200	2	Town of Hedgesville	459	11	140	5%	1	7	0.10	0.01	7,600	0.20	0.25	30	1.40	1.50	0	0	0
971200	3	N of Hwy 9 of Berkeley County boundary	520	9	142	0%	0	0	0.10	0.01	17,500	0.10	0.13	120	0.55	0.70	0	0	0
971200	4	W of Berkeley County boundary & S of Hwy 9	823	38	223	0%	0	0	0.10	0.01	25,500	0.10	0.13	120	0.55	0.70	0	0	0
971200	5	South of Hwy 9 & central Berkeley County	551	66	118	0%	0	0	0.10	0.01	14,900	0.10	0.13	120	0.55	0.70	0	0	0
971200	6	S of James Rumsey Vo-Tech Center & W of I-81	1,236	9	324	45%	4	146	0.10	0.01	2,600	0.40	0.50	30	1.40	1.50	0	1	1
971300	1	E of I-81 & North of the Cottages of Martinsburg	1,201	66	322	50%	33	161	0.10	0.01	650	1.10	1.15	30	1.40	1.50	5	3	8
971300	2	Northern portion of the City of Martinsburg	1,643	221	761	85%	188	647	0.10	0.01	900	1.10	1.15	30	1.40	1.50	29	11	40
971400	1	E Berkeley County	441	9	150	5%	0	8	0.10	0.01	6,700	0.20	0.25	30	1.40	1.50	0	0	0
971400	2	N of Hwy 45, S of the Cottages of Martinsburg	982	39	454	100%	39	454	0.10	0.01	1,500	0.75	1.00	30	1.40	1.50	4	7	11
971400	3	S of Hwy 45 & E of City of Martinsburg	607	14	177	100%	14	177	0.10	0.01	1,400	1.00	1.10	30	1.40	1.50	2	3	5
971400	4	E Berkeley County along Hwy 45	562	25	157	85%	21	133	0.10	0.01	2,500	0.40	0.50	30	1.40	1.50	1	1	2
971500	1	E of North Queen St, Woodbury Corners	404	40	210	100%	40	210	0.10	0.01	500	1.10	1.15	30	1.40	1.50	6	4	10
971500	2	S of Hwy 45 & S of intersection of Penn Ave and High St	459	39	138	100%	39	138	0.10	0.01	500	1.10	1.15	30	1.40	1.50	6	2	8
971500	3	E of North Queen St, Caperton Train Station	299	65	138	100%	65	138	0.10	0.01	500	1.10	1.15	30	1.40	1.50	10	2	12
971500	4	SE City of Martinsburg, Senior Towers	428	140	117	100%	140	117	0.10	0.01	500	1.10	1.15	30	1.40	1.50	22	2	24
971600	1	W of N Queen St, southern portion of the City of Martinsburg	408	102	199	100%	102	199	0.10	0.01	500	1.10	1.15	30	1.40	1.50	16	3	19
971600	2	E of I-81 & SE of City Hospital	611	33	232	100%	33	232	0.10	0.01	500	1.10	1.15	30	1.40	1.50	5	4	9
971600	3	E of I-81 & N of West King St	323	8	117	100%	8	117	0.10	0.01	500	1.10	1.15	30	1.40	1.50	1	2	3
971600	4	N of West King St, S of West Race St	302	69	92	100%	69	92	0.10	0.01	500	1.10	1.15	30	1.40	1.50	11	2	12
971600	5	S of West Race St & W of Caperton Train Station	324	58	197	100%	58	197	0.10	0.01	500	1.10	1.15	30	1.40	1.50	9	3	12
971700	1	S of West King St, Stonewall Haven, W of Hwy 9	311	118	141	100%	118	141	0.10	0.01	500	1.10	1.15	30	1.40	1.50	18	2	21
971700	2	S of W King St, N of Addition St, along Winchester Ave	260	64	129	100%	64	129	0.10	0.01	500	1.10	1.15	30	1.40	1.50	10	2	12
971700	3	S of West King St, E of Wal-Mart	300	21	131	100%	21	131	0.10	0.01	500	1.10	1.15	30	1.40	1.50	3	2	5
971700	4	E of I-81, Martinsburg Mall	653	155	252	100%	155	252	0.10	0.01	900	1.10	1.15	30	1.40	1.50	24	4	28
971700	5	E of US Hwy 11, S of Advance Auto	351	77	176	100%	77	176	0.10	0.01	500	1.10	1.15	30	1.40	1.50	12	3	15
971700	6	S of Berry St along US Hwy 11	301	79	97	100%	79	97	0.10	0.01	500	1.10	1.15	30	1.40	1.50	12	2	14
971700	7	N of Hwy 45, S of Jefferson St	295	18	125	100%	18	125	0.10	0.01	500	1.10	1.15	30	1.40	1.50	3	2	5
971800	1	W Berkeley County, Sleepy Creek Lake	748	0	170	0%	0	0	0.10	0.01	13,500	0.10	0.13	120	0.55	0.70	0	0	0
971800	2	W Berkeley County	995	18	282	0%	0	0	0.10	0.01	26,200	0.10	0.13	120	0.55	0.70	0	0	0
971800	3	SW Berkeley County	585	22	134	0%	0	0	0.10	0.01	13,300	0.10	0.13	120	0.55	0.70	0	0	0
971900	1	E of I-81, Kmart along US Hwy 11	198	0	96	100%	0	96	0.10	0.01	800	1.10	1.15	30	1.40	1.50	0	2	2
971900	2	W of I-81, E of County Rd 30	722	22	220	15%	3	33	0.10	0.01	2,500	0.40	0.50	30	1.40	1.50	0	0	0
971900	3	E of I-81, W of US Hwy 11	524	5	155	100%	5	155	0.10	0.01	500	1.10	1.15	30	1.40	1.50	1	3	3
971900	4	E of I-81, S of County Rd 32	798	17	167	70%	12	117	0.10	0.01	3,600	0.40	0.50	30	1.40	1.50	1	1	2
972000	1	E Berkeley County, Martinsburg VA Medical Center	834	29	336	80%	23	269	0.10	0.01	700	1.10	1.15	30	1.40	1.50	4	5	8
972000	2	SE City of Martinsburg along Hwy 9	800	53	313	100%	53	313	0.10	0.01	800	1.10	1.15	30	1.40	1.50	8	5	14
972000	3	Eastern WV Regional Airport	822	18	192	35%	6	67	0.10	0.01	3,600	0.40	0.50	30	1.40	1.50	0	1	1
972100	1	N of County Rd 26, Mussleman South Berkeley Public Library	838	22	247	5%	1	12	0.10	0.01	7,700	0.20	0.25	30	1.40	1.50	0	0	0
972100	2	E of I-81, South of County Rd 11	869	38	313	90%	34	282	0.10	0.01	850	1.10	1.15	30	1.40	1.50	5	5	10
972100	3	W of I-81, W of Inwood town	678	16	180	15%	2	27	0.10	0.01	2,500	0.40	0.50	30	1.40	1.50	0	0	0
972100	4	E of I-81, N of Specks Run Rd	617	17	100	5%	1	5	0.10	0.01	1,500	0.75	1.00	30	1.40	1.50	0	0	0
972100	5	W of I-81, James Pettigrew CSA Monument	703	48	185	0%	0	0	0.10	0.01	20,000	0.10	0.13	120	0.55	0.70	0	0	0
TOTAL: BERKELEY COUNTY			29,569	2,064	9,528		1,529	5,626											318
972200	1	N Jefferson County, N of Hwy 480	1,080	74	309	45%	33	139	0.10	0.01	1,500	0.75	1.00	30	1.40	1.50	3	2	6
972200	2	S of Hwy 480	674	30	193	15%	5	29	0.10	0.01	3,600	0.40	0.50	30	1.40	1.50	0	0	0
972200	3	Town of Shepherdstown, Shepherd College	302	24	134	100%	24	134	0.10	0.01	500	1.10	1.15	30	1.40	1.50	4	2	6
972200	4	NE Jefferson County boundary	782	30	163	5%	2	8	0.10	0.01	3,000	0.40	0.50	30	1.40	1.50	0	0	0
972300	1	Intersection of Hwy 480 and Hwy 9	240	30	22	100%	30	22	0.10	0.01	500	1.10	1.15	45	0.90	1.05	3	0	3
972300	2	W Jefferson County, S of Hwy 9	609	37	155	15%	6	23	0.10	0.01	1,000	1.00	1.10	45	0.90	1.05	0	0	1
972300	3	W Jefferson County, Technical Information Services	597	26	111	0%	0	0	0.10	0.01	16,800	0.10	0.13	120	0.55	0.70	0	0	0
972400	1	Central Jefferson County, E Hwy 9	505	26	215	95%	25	204	0.10	0.01	700	1.10	1.15	45	0.90	1.05	2	2	5
972400	2	Central Jefferson County, W Hwy 9	678	98	198	55%	54	109	0.10	0.01	1,500	0.75	1.00	45	0.90	1.05	4	1	5
972400	3	Central Jefferson County, SW Corp. of Ranson Town	276	26	94	100%	26	94	0.10	0.01	500	1.10	1.15	45	0.90	1.05	3	1	4
972400	4	N Corporation of Ranson Town	298	56	91	100%	56	91	0.10	0.01	500	1.10	1.15	45	0.90	1.05	6	1	7
972400	5	S Corp. of Ranson Town, Jefferson Memorial Hospital	420	65	172	100%	65	172	0.10	0.01	600	1.10	1.15	45	0.90	1.05	6	2	9
972500	1	E of Hwy 9, N of County Rd 26	660	69	252	95%	66	239	0.10	0.01	500	1.10	1.15	45	0.90	1.05	6	3	9
972500	2	W of Charles Town city, W of Saint Augustine Ave	843	24	167	15%	4	25	0.10	0.01	3,000	0.40	0.50	45	0.90	1.05	0	0	0
972500	3	Central Jefferson County, N of US Hwy 340	430	44	170	100%	44	170	0.10	0.01	500	1.10	1.15	45	0.90	1.05	4	2	6
972500	4	W of Charles Town city, S of East Washington St	256	29	122	100%	29	122	0.10	0.01	500	1.10	1.15	45	0.90	1.05	3	1	4
972500	5	S of East Washington St, Charles Town City Hall	515	56	180	100%	56	180	0.10	0.01	500	1.10	1.15	45	0.90	1.05	6	2	8
972500	6	E of Charles Town city	478	45	230	80%	36	184	0.10	0.01	800	1.10	1.15	45	0.90	1.05	4	2	6
972500	7	SE central Jefferson County, S of Hwy 9	454	52	77	15%	8	12	0.10	0.01	3,500	0.40	0.50	45	0.90	1.05	0	0	0
972600	1	E Jefferson County, N of County Rd 29	428	9	55	5%	0	3	0.10	0.01	7,200	0.20	0.25	45	0.90	1.05	0	0	0
972600	2	N of US Hwy 340, Harpers Ferry Library	435	31	92	65%	20	60	0.10	0.01	1,500	0.75	1.00	45	0.90	1.05	1	1	2
972600	3	Town of Bolivar, Bolivar-Harpers Ferry Library	658	66	228	100%	66	228	0.10	0.01	500	1.10	1.15	45	0.90	1.05	7	3	9
972600	4	E central Jefferson County, S of US Hwy 340	277	21	72	50%	11	36	0.10	0.01	4,600	0.40	0.50	45	0.90	1.05	0	0	1
972700	1	S of Harpers Ferry NHP	485	28	117	50%	14	59	0.10	0.01	6,700	0.20	0.25	45	0.90	1.05	0	0	0
972700	2	E Jefferson County, E of Bakerton St	365	20	82	0%	0	0	0.10	0.01	10,000	0.10	0.13	120	0.55	0.70	0	0	0
972700	3	N of Hwy 9, E Jefferson County	245	14	137	0%	0	0	0.10	0.01	16,500	0.10	0.13	120	0.55	0.70	0	0	0
972700	4	S of Hwy 9, E Jefferson County	583	15	146	0%	0	0	0.10	0.01	21,000	0.10	0.13	120	0.55	0.70	0	0	0
972700	5	S Jefferson County, N of Shenandoah River	370	0	142	0%	0	0	0.10	0.01	29,000	0.10	0.13	120	0.55	0.70	0	0	0
972700	6	S Jefferson County, E River Rd	375	0	89	0%	0	0	0.10	0.01	31,000	0.03	0.04	120	0.55	0.70	0	0	0
972800	1	W of US 340, S of Old Cave Rd	559	25	85	0%	0	0	0.10	0.01	11,900	0.10	0.13	120	0.55	0.70	0	0	0
972800	2	S Jefferson Public Library	845	12	178	0%	0	0	0.10	0.01	22,500	0.10	0.13	120	0.55	0.70	0	0	0
972800	3	E Jefferson County, S of Hwy 51	443	19	101	0%	0	0	0.10	0.01	25,000	0.10	0.13	120	0.55	0.70	0	0	0
TOTAL: JEFFERSON COUNTY			16,165	1,101	4,579		678	2,343											91
																	Estimated Weekday Ridership		409

Table D-7
PanTran Fixed-Route Demand Model - Alternative 3 - Expansion

Census Tract	Block Group	Location	Total # of Hhlds 2000	Number of Households 0 Auto	Number of Households 1 Auto	% of Hhlds with Transit Access	Hhlds Served by Transit 0 Auto	Hhlds Served by Transit 1 Auto	Basic Transit Trip Rates 0 Auto	Basic Transit Trip Rates 1 Auto	Walk Distance (ft)	Walk Factor 0 Auto	Walk Factor 1 Auto	Headway (min)	Headway Factor 0 Auto	Headway Factor 1 Auto	Daily Transit Trips 0 Auto	Daily Transit Trips 1 Auto	Daily Trip TOTAL
971100	1	N of I-81 & S of Hagerstown	637	35	167	0%	0	0	0.10	0.01	38,500	0.03	0.04	120	0.55	0.70	0	0	0
971100	2	Northern end of Berkeley County boundary	553	28	94	0%	0	0	0.10	0.01	29,000	0.10	0.13	120	0.55	0.70	0	0	0
971100	3	W along I-81 in the northern portion of Berkeley County	1,409	24	377	5%	1	19	0.10	0.01	7,000	0.20	0.25	120	0.55	0.70	0	0	0
971100	4	E of I-81 in the northern portion of Berkeley County	518	50	155	0%	0	0	0.10	0.01	31,400	0.03	0.04	120	0.55	0.70	0	0	0
971100	5	E of I-81 & N of Scrabble Road	419	9	134	0%	0	0	0.10	0.01	13,800	0.10	0.13	120	0.55	0.70	0	0	0
971200	1	N of James Rumsey Vo-Tech Center	248	0	52	15%	0	8	0.10	0.01	11,600	0.10	0.13	120	0.55	0.70	0	0	0
971200	2	Town of Hedgesville	459	11	140	5%	1	7	0.10	0.01	7,600	0.20	0.25	120	0.55	0.70	0	0	0
971200	3	N of Hwy 9 of Berkeley County boundary	520	9	142	0%	0	0	0.10	0.01	22,600	0.10	0.13	120	0.55	0.70	0	0	0
971200	4	W of Berkeley County boundary & S of Hwy 9	823	38	223	0%	0	0	0.10	0.01	30,900	0.03	0.04	120	0.55	0.70	0	0	0
971200	5	South of Hwy 9 & Central Berkeley County	551	66	118	0%	0	0	0.10	0.01	16,000	0.10	0.13	120	0.55	0.70	0	0	0
971200	6	S of James Rumsey Vo-Tech Center & W of I-81	1,236	9	324	45%	4	146	0.10	0.01	2,600	0.40	0.50	30	1.40	1.50	0	1	1
971300	1	E of I-81 & North of the Cottages of Martinsburg	1,201	66	322	50%	33	161	0.10	0.01	1,600	0.75	1.00	30	1.40	1.50	3	2	6
971300	2	Northern portion of the City of Martinsburg	1,643	221	761	85%	188	647	0.10	0.01	900	1.10	1.15	30	1.40	1.50	29	11	40
971400	1	E Berkeley County	441	9	150	5%	0	8	0.10	0.01	6,700	0.20	0.25	120	0.55	0.70	0	0	0
971400	2	N of Hwy 45, S of the Cottages of Martinsburg	982	39	454	100%	39	454	0.10	0.01	1,900	0.75	1.00	30	1.40	1.50	4	7	11
971400	3	S of Hwy 45 & E of City of Martinsburg	607	14	177	100%	14	177	0.10	0.01	1,400	1.00	1.10	30	1.40	1.50	2	3	5
971400	4	E Berkeley County along Hwy 45	562	25	157	80%	20	126	0.10	0.01	2,500	0.40	0.50	120	0.55	0.70	0	0	1
971500	1	E of North Queen St, Woodbury Corners	404	40	210	100%	40	210	0.10	0.01	500	1.10	1.15	30	1.40	1.50	6	4	10
971500	2	S of Hwy 45 & S of intersection of Penn Ave and High St	459	39	138	100%	39	138	0.10	0.01	500	1.10	1.15	30	1.40	1.50	6	2	8
971500	3	E of North Queen St, Caperton Train Station	299	65	138	100%	65	138	0.10	0.01	500	1.10	1.15	30	1.40	1.50	10	2	12
971500	4	SE City of Martinsburg, Senior Towers	428	140	117	100%	140	117	0.10	0.01	500	1.10	1.15	30	1.40	1.50	22	2	24
971600	1	W of N Queen St, southern portion of the City of Martinsburg	408	102	199	100%	102	199	0.10	0.01	500	1.10	1.15	30	1.40	1.50	16	3	19
971600	2	E of I-81 & SE of City Hospital	611	33	232	100%	33	232	0.10	0.01	600	1.10	1.15	30	1.40	1.50	5	4	9
971600	3	E of I-81 & N of West King St	323	8	117	100%	8	117	0.10	0.01	500	1.10	1.15	30	1.40	1.50	1	2	3
971600	4	N of West King St, S of West Race St	302	69	92	100%	69	92	0.10	0.01	500	1.10	1.15	30	1.40	1.50	11	2	12
971600	5	S of West Race St & W of Caperton Train Station	324	58	197	100%	58	197	0.10	0.01	500	1.10	1.15	30	1.40	1.50	9	3	12
971700	1	S of West King St, Stonewall Haven, W of Hwy 9	311	118	141	100%	118	141	0.10	0.01	500	1.10	1.15	30	1.40	1.50	18	2	21
971700	2	S of W King St, N of Addition St, along Winchester Ave	260	64	129	100%	64	129	0.10	0.01	500	1.10	1.15	30	1.40	1.50	10	2	12
971700	3	S of West King St, E of Wal-Mart	300	21	131	100%	21	131	0.10	0.01	500	1.10	1.15	30	1.40	1.50	3	2	5
971700	4	E of I-81, Martinsburg Mall	653	155	252	100%	155	252	0.10	0.01	900	1.10	1.15	30	1.40	1.50	24	4	28
971700	5	E of US Hwy 11, S of Advance Auto	351	77	176	100%	77	176	0.10	0.01	500	1.10	1.15	30	1.40	1.50	12	3	15
971700	6	S of Berry St along US Hwy 11	301	79	97	100%	79	97	0.10	0.01	500	1.10	1.15	30	1.40	1.50	12	2	14
971700	7	N of Hwy 45, S of Jefferson St	295	18	125	100%	18	125	0.10	0.01	500	1.10	1.15	30	1.40	1.50	3	2	5
971800	1	W Berkeley County, Sleepy Creek Lake	748	0	170	0%	0	0	0.10	0.01	19,000	0.10	0.13	120	0.55	0.70	0	0	0
971800	2	W Berkeley County	995	18	282	0%	0	0	0.10	0.01	26,200	0.10	0.13	120	0.55	0.70	0	0	0
971800	3	SW Berkeley County	585	22	134	0%	0	0	0.10	0.01	13,300	0.10	0.13	120	0.55	0.70	0	0	0
971900	1	E of I-81, Kmart along US Hwy 11	198	0	96	0%	0	0	0.10	0.01	800	1.10	1.15	120	0.55	0.70	0	0	0
971900	2	W of I-81, E of County Rd 30	722	22	220	15%	3	33	0.10	0.01	4,000	0.40	0.50	30	1.40	1.50	0	0	0
971900	3	E of I-81, W of US Hwy 11	524	5	155	100%	5	155	0.10	0.01	500	1.10	1.15	30	1.40	1.50	1	3	3
971900	4	E of I-81, S of County Rd 32	798	17	167	70%	12	117	0.10	0.01	3,600	0.40	0.50	120	0.55	0.70	0	0	1
972000	1	E Berkeley County, Martinsburg VA Medical Center	834	29	336	80%	23	269	0.10	0.01	700	1.10	1.15	30	1.40	1.50	4	5	8
972000	2	SE City of Martinsburg along Hwy 9	800	53	313	100%	53	313	0.10	0.01	1,000	1.00	1.10	30	1.40	1.50	7	5	13
972000	3	Eastern WV Regional Airport	822	18	192	35%	6	67	0.10	0.01	3,600	0.40	0.50	30	1.40	1.50	0	1	1
972100	1	N of County Rd 26, Mussleman South Berkeley Public Library	838	22	247	5%	1	12	0.10	0.01	7,700	0.20	0.25	120	0.55	0.70	0	0	0
972100	2	E of I-81, South of County Rd 11	869	38	313	90%	34	282	0.10	0.01	850	1.10	1.15	120	0.55	0.70	2	2	4
972100	3	W of I-81, W of Inwood town	678	16	180	15%	2	27	0.10	0.01	2,500	0.40	0.50	120	0.55	0.70	0	0	0
972100	4	E of I-81, N of Specks Run Rd	617	17	100	5%	1	5	0.10	0.01	1,500	0.75	1.00	120	0.55	0.70	0	0	0
972100	5	W of I-81, James Pettigrew CSA Monument	703	48	185	0%	0	0	0.10	0.01	20,000	0.10	0.13	120	0.55	0.70	0	0	0
TOTAL: BERKELEY COUNTY			**29,569**	**2,064**	**9,528**		**1,527**	**5,522**											**305**
972200	1	N Jefferson County, N of Hwy 480	1,080	74	309	45%	33	139	0.10	0.01	1,500	0.75	1.00	120	0.55	0.70	1	1	2
972200	2	S of Hwy 480	674	30	193	15%	5	29	0.10	0.01	3,600	0.40	0.50	45	0.90	1.05	0	0	0
972200	3	Town of Shepherdstown, Shepherd College	302	24	134	100%	24	134	0.10	0.01	500	1.10	1.15	120	0.55	0.70	1	1	3
972200	4	NE Jefferson County boundary	782	30	163	5%	2	8	0.10	0.01	3,000	0.40	0.50	120	0.55	0.70	0	0	0
972300	1	Intersection of Hwy 480 and Hwy 9	240	30	22	95%	29	21	0.10	0.01	500	1.10	1.15	45	0.90	1.05	3	0	3
972300	2	W Jefferson County, S of Hwy 9	609	37	155	15%	6	23	0.10	0.01	1,200	1.00	1.10	45	0.90	1.05	0	0	1
972300	3	W Jefferson County, Technical Information Services	597	26	111	0%	0	0	0.10	0.01	19,000	0.10	0.13	120	0.55	0.70	0	0	0
972400	1	Central Jefferson County, E Hwy 9	505	26	215	95%	25	204	0.10	0.01	700	1.10	1.15	45	0.90	1.05	2	2	5
972400	2	Central Jefferson County, W Hwy 9	678	98	198	55%	54	109	0.10	0.01	1,500	0.75	1.00	45	0.90	1.05	4	1	5
972400	3	Central Jefferson County, SW Corp. of Ranson Town	276	26	94	100%	26	94	0.10	0.01	700	1.10	1.15	45	0.90	1.05	3	1	4
972400	4	N Corporation of Ranson Town	298	56	91	100%	56	91	0.10	0.01	500	1.10	1.15	45	0.90	1.05	6	1	7
972400	5	S Corp. of Ranson Town, Jefferson Memorial Hospital	420	65	172	100%	65	172	0.10	0.01	700	1.10	1.15	45	0.90	1.05	6	2	9
972500	1	E of Hwy 9, N of County Rd 26	660	69	252	95%	66	239	0.10	0.01	800	1.10	1.15	45	0.90	1.05	6	3	9
972500	2	W of Charles Town city, W of Saint Augustine Ave	843	24	167	15%	4	25	0.10	0.01	5,800	0.20	0.25	45	0.90	1.05	0	0	0
972500	3	Central Jefferson County, N of US Hwy 340	430	44	170	100%	44	170	0.10	0.01	500	1.10	1.15	45	0.90	1.05	4	2	6
972500	4	W of Charles Town city, S of East Washington St	256	29	122	100%	29	122	0.10	0.01	500	1.10	1.15	45	0.90	1.05	3	1	4
972500	5	S of East Washington St, Charles Town City Hall	515	56	180	100%	56	180	0.10	0.01	500	1.10	1.15	45	0.90	1.05	6	2	8
972500	6	E of Charles Town city	478	45	230	80%	36	184	0.10	0.01	800	1.10	1.15	45	0.90	1.05	4	2	6
972500	7	SE central Jefferson County, S of Hwy 9	454	52	77	15%	8	12	0.10	0.01	5,800	0.20	0.25	45	0.90	1.05	0	0	0
972600	1	E Jefferson County, N of County Rd 29	428	9	55	5%	0	3	0.10	0.01	7,200	0.20	0.25	45	0.90	1.05	0	0	0
972600	2	N of US Hwy 340, Harpers Ferry Library	435	31	92	65%	20	60	0.10	0.01	3,000	0.40	0.50	45	0.90	1.05	1	0	1
972600	3	Town of Bolivar, Bolivar-Harpers Ferry Library	658	66	228	100%	66	228	0.10	0.01	500	1.10	1.15	45	0.90	1.05	7	3	9
972600	4	E central Jefferson County, S of US Hwy 340	277	21	72	50%	11	36	0.10	0.01	4,600	0.40	0.50	45	0.90	1.05	0	0	1
972700	1	S of Harpers Ferry NHP	485	28	117	50%	14	59	0.10	0.01	6,700	0.20	0.25	45	0.90	1.05	0	0	0
972700	2	E Jefferson County, E of Bakerton St	365	20	82	0%	0	0	0.10	0.01	10,000	0.10	0.13	120	0.55	0.70	0	0	0
972700	3	N of Hwy 9, E Jefferson County	245	14	137	0%	0	0	0.10	0.01	16,500	0.10	0.13	120	0.55	0.70	0	0	0
972700	4	S of Hwy 9, E Jefferson County	583	15	146	0%	0	0	0.10	0.01	21,000	0.10	0.13	120	0.55	0.70	0	0	0
972700	5	S Jefferson County, N of Shenandoah River	370	0	142	0%	0	0	0.10	0.01	29,000	0.10	0.13	120	0.55	0.70	0	0	0
972700	6	S Jefferson County, E River Rd	375	0	89	0%	0	0	0.10	0.01	31,000	0.03	0.04	120	0.55	0.70	0	0	0
972800	1	W of US 340, S of Old Cave Rd	559	25	85	0%	0	0	0.10	0.01	11,900	0.10	0.13	120	0.55	0.70	0	0	0
972800	2	S Jefferson Public Library	845	12	178	0%	0	0	0.10	0.01	22,500	0.10	0.13	120	0.55	0.70	0	0	0
972800	3	E Jefferson County, S of Hwy 51	443	19	101	0%	0	0	0.10	0.01	25,000	0.10	0.13	120	0.55	0.70	0	0	0
TOTAL: JEFFERSON COUNTY			16,165	1,101	4,579		676	2,342											83
																	Estimated Weekday Ridership		388